Controls on Natural Gas Migration in the Western Nile Delta Fan

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Declaration

I hereby declare that this is my own work, except where otherwise acknowledged, and that it has not been submitted for a degree at this, or any other university.



Ulf Böker

Abstract

The aim of this study is to combine petrophysical and geochemical data in order to reconstruct the migration history and pathways of mixed microbial-thermogenic gases drilled in the Nile Delta fan, offshore Egypt. While general interest lies in understanding migration routes, rates and mechanisms special attention is dedicated to understanding (1) the origin of gas in both reservoir and non-reservoir units using chemical and isotopic fingerprints and (2) whether a free gas phase supports relatively rapid leakage via bulk flow in non-reservoir units, both above and below commercial accumulations.

The Pliocene section in this study is a classic slope environment comprising channels, mud-rich turbidites, mass transport complexes and hemipelagites. Data from seismic and drilled wells suggest that the channel and levee reservoirs are rarely full to spill, implying either a lack of charge and/or a balance between charge and leakage rates which precludes complete filling of the structures. The provided data set enables a quantitative assessment of gas distribution and its genetic fingerprint in the context of both stratigraphic position and lithology. Data is reported from 25 wells, each provided with a conventional wireline log suite and some with borehole images and high-quality core images. Gas concentration data, plus compositional and isotope data are available from isotubes and headspace gas for both reservoir and non-reservoir units. Small-to-medium scale linear and non-linear depth shifts between different techniques (core recovery, core logging, wireline logging) in conjunction with scale and resolution issues demanded logical/stochastic depth synchronisation as well as harmonisation of signal resolution (typically upscaling). Accordingly, great care was taken to depth-match core, log and gas data.

In general, there is evidence of leaking thermogenic and partly biodegraded gas from the reservoirs under investigation, while some microbial methane appears to be retained in the cap rock. Careful assessment of the maturity of the thermogenic gas charge suggests that in a given structure, maturities are similar throughout the sampled section of underseal, reservoir and top seal. Furthermore, compositional temperature stratification suggests a balance between influx of fresh gas and microbial metabolism rates, supporting the concept of a dynamic charge-leak scenario that is sustaining hydrocarbon fermenting microbial communities in the deep biosphere. It was found that microbial recycling of hydrocarbons at depth enables the identification of diffusive gas mixing pathways in the combined analysis of methane and ethane compositional and isotopic data. The proposed diffusion pattern supports the idea of a widely present coupling between both methanogenic and biodegrading microbial communities that exhibit strong carbon isotopic disbalances at gas-water contacts (GWC) where nutrient supply is in favour of

the biodegrading metabolism. Although the hypothesis of coupled diffusive/microbial gas overprints complies with (1) various literature reports that microbial attack on free gas phases is hindered by restricted physical access and (2) segregative isotope fractionation as a consequence of differences in methane and ethane diffusivity, it is conditional to the nature of gas mixing patterns along borehole trajectories in the context of lithology and pore fluid saturations.

Undoubtedly, the ubiquitous presence of microbial gas has consequences for vertical net leakage. As classic empirical wireline models for hydrocarbon saturation (*i.e.* free gas phase volumetrics) are not suited for clay-dominated cap rock sections, an alternative approach presented in this study is based on total gas (TG) modelling from nuclear logs and its solubility in the formation brine. The calibrated saturation model is scale-independent and implies that free gas occurs in most of the clay-dominated non-reservoir sections. However, model resolution is not sufficient to capture the suspected filamentary network of free gas phase within the mudrock pore space that enables relatively rapid leakage via Darcy flow.

In an unique attempt to validate manual and thereby subjective lithofacies allocations to core images a subset of rock sample properties such as grain size fractions and porosity were successfully modelled using quantitative core image properties. However, model validity appears to be restricted to clay-rich lithofacies due to both absence of calibration data for sands and occurrence of abnormally dark sandstone units. Further, an artificial neural network (ANN) was trained to propagate the calibrated core facies along the entire wireline logged borehole section to set the lithological context for a detailed fluid flow analysis. Reproducibility of input (core) facies by output (wireline) facies is similar to the reproducibility by fellow geoscientists but could be significantly improved to 60-80% reliability by reduction of facies types.

The study shows that a combination of geochemical data with lithological and petrophysical information generates detailed insights into rates, mechanisms, and pathways of two phase flow through the deep biosphere of gas-charged basins. Vertical, geologically rapid flow through mud-rich sequences is a viable migration route for gas if the influence of cap rock bypass systems (permeable faults, sandstone intrusions, mud volcanoes etc.) is restricted. It was found that an adequate quantification of both thermogenic gas fraction and diffusive gas mixing fingerprints is crucial to identify stratigraphic intervals that are not dominated by advective leakage through the pore space and are consequently bypassed.

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List of Abbreviations and Acronymns

2D	two dimensional
3D	three dimensional
ANN	artificial neural network
AOM	anaerobic oxidation of methane
APLC	neutron porosity from Near/Array Corrected Limestone Porosity log
AT90	resistivity from Array Induction Two Foot Resistivity log at 90 inch penetration
ave	average
BSEM	backscatter scanning electron microscope
C1	methane
C2	ethane
C2+	wet gas (ethane to pentane)
C3	propane
C5	pentane
CBS	caprocks bypass system
CEC	cation exchange capacity
CEP	capillary entry pressure
CG	conglomerate (facies #12)
CH	(gas) column height
ChS	cohesive silt
CI	core image
CIGS	core image-to-grain size (model)
COGR	core natural gamma ray
CrS	coarse silt
DB	database
DF	debris flow (facies #7)
DST	drill/stem test
DTCO	compressional slowness from Delta Transit-Time Compressional log
DTSM	shear slowness from Delta Transit-Time Shear log
e	electron
E&P	Exploration & Production
EOS	equation of state
equiv	equivalent
frac	fraction
FSST	falling stage systems tract
FTEMP	(apparent) formation temperature
GC	gas chromatograph
GOC	gas-oil contact
GR	gamma radiation
GS	grain size
GSD	grain size distribution
GSF	grain size fraction
GSU	greyscale units
GWC	gas-water contact
HC	hydrocarbon
HP	high pressure
HSGR	natural gamma radiation from Hostile Standard Gamma Radiation log
HST	high-stand systems tract
iC4	iso-butane
ID	identification
I_s	signal intensity (general)
KIE	kinetic isotope effect
LA	limestone argillaceous (facies #13)
LP	low pressure
LSW	low-stand wedge systems tract
m	suffix for primary microbial gas
MC	mudstone chaotic (facies #5)
MDF	muddy debris flow (facies #6)
MDRT	measured depth from rotary table
MDSB	measured depth from sea bottom
MDT	Modular dynamics formation tester
med	median
MFS	maximum flooding surface
MIP	mercury injection porosimetry
ML	mudstone laminated (facies #2)
MLC	mixed-layer clays
MM	mudstone massive (facies #1)
MO	aerobic methane oxidation
mod	mode
mr	mudrock or mudstone
MS	mudstone slumped (facies #4)
Msi	mudstone silty (facies #3)
MTD	mass transport deposit
nC4	normal butane
norm	normalised
OBMI	oil-based microresistivity image(r)
org	organic
P	pressure
PDB	PeeDee Belemnite
PHI	porosity
PHIND	porosity from Neutron Density log
PoL	Lower Pliocene
PoU	Upper Pliocene
PR-EOS	Peng-Robinson equation of state
Ps	Pleistocene
PSD	pore size distribution
QXRD	quantitative X-ray diffractometry
RFT	repeat formation tester
RGB	red-green-blue (colour system)
RHOZ	bulk density from Standard Resolution Formation Density log
RMS	root mean square
SB	sequence boundary
SFT	saturation-freeze-thaw (cycle)
SL	sandstone laminated (facies #9)
SMOW	standard mean ocean water
SP	spontaneous potential (log)
SS	sandstone (facies #10 and/or facies independent)
SSlam	sand-silt laminae (facies #8)
SSP	sandstone pebbly (facies #11)
t	suffix for primary thermogenic gas
T	temperature
TC	total carbon
TG	total gas
TIC	total inorganic carbon
TOC	total organic carbon
TST	transgressive systems tract
TVD	true vertical depth
var	variance
VSH	“volume of shale”
x	fraction
XRD	X-ray diffractometry

Chapter 1 Introduction

The aim of this integrated study is to determine the nature and magnitude of natural gas leakage through the pore network of fine-grained clastic sediments.

Leakage is understood as the physical transport of petroleum across a reservoir seal, or beyond the spill point of a filled trap, resulting in petroleum loss. A more general term for the movement of petroleum in the sub-surface is migration, which circumscribes both leakage and charge of accumulations through various processes. Attributes of both lacking charge and/or presence of leakage are present in the Pliocene gas reservoirs of the western Nile Delta case study since these are underfilled with column heights that vary with their stratigraphic position.

A combined analysis of rock samples, core images, wireline log signals, borehole gas data, and seismic cross sections clearly enables a comprehensive and thus promising approach to define the migration/leakage processes and mechanisms involved in the case study (Fig. 1–1). To date, the integration of these multi-scale data has been one of the fundamental problems in the analysis of basinwide fluid flow (Schlömer & Krooss 1997). The scientific drive of this project is therefore accompanied by major economic implications beyond the area under investigation.

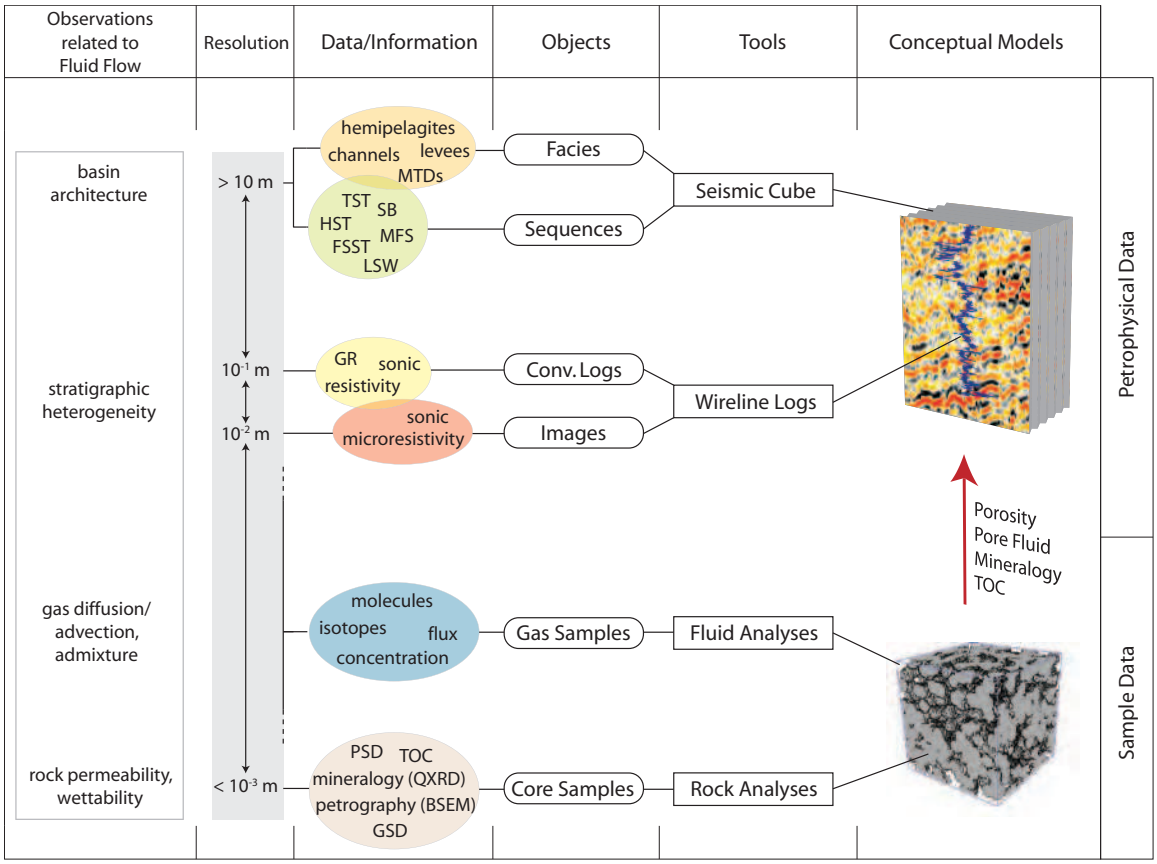


Figure 1–1 Field and sample data overview: Relationships linking the physical and spatial characterisation of seal sections with the tracking of fluid flow/gas leakage within these poorly permeable rock units; both on the micro (sample) and macro (basin) scale. See '*List of abbreviations and acronyms*'.

1.1 The Western Nile Delta Fan

The study area is the deltaic depositional system of the Western Nile Delta fan, offshore Egypt, which has existed since the Messinian salinity crisis had subsided 5.3 Ma ago (Garfunkel 1998 & 2004).

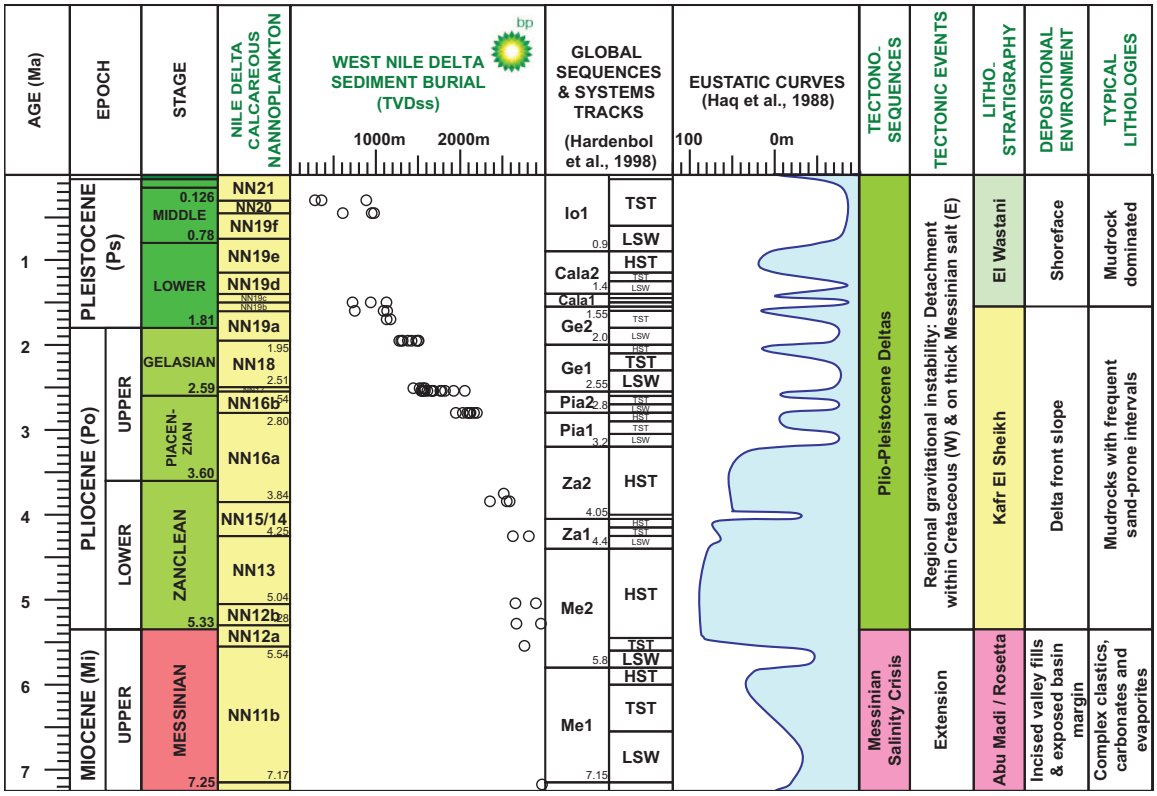


Figure 1–2 BP stratigraphic framework and nomenclature for the Nile Delta area.

The Pliocene and Pleistocene deltaic sediments were deposited at an average rate of ~480 m/Ma (see Fig. 1–2 and Vandré *et al.* 2007) and – in analogy to the present day seafloor map (Fig. 1–3) – comprise facies that would be expected in a classic slope environment: potential reservoir deposits such as channels and turbidites, and the mud-rich cap rock units from widespread background sedimentation of hemipelagic fall-out. In addition, some units are affected by faulting and sliding (Mascle *et al.* 2001, Garziglia *et al.* 2008). The presence of mud volcanoes and pockmarks implies an active degassing of the petroleum system below, which is to over 98% dominated by methane. This work focuses on an area where most of the boreholes are located (red frame in Fig. 1–3).

The Pliocene amplitude maps of the focus area (Fig. 1–4) demonstrate the widespread distribution of the mud-rich cap rocks of the Upper Pliocene – especially in the central area. It will be shown that some of the analysed cap rock core samples could retain hydrocarbon column heights exceeding 1000m – given that advective flow is restrained by insufficient gas phase saturations within the mudstone pore space. However, data

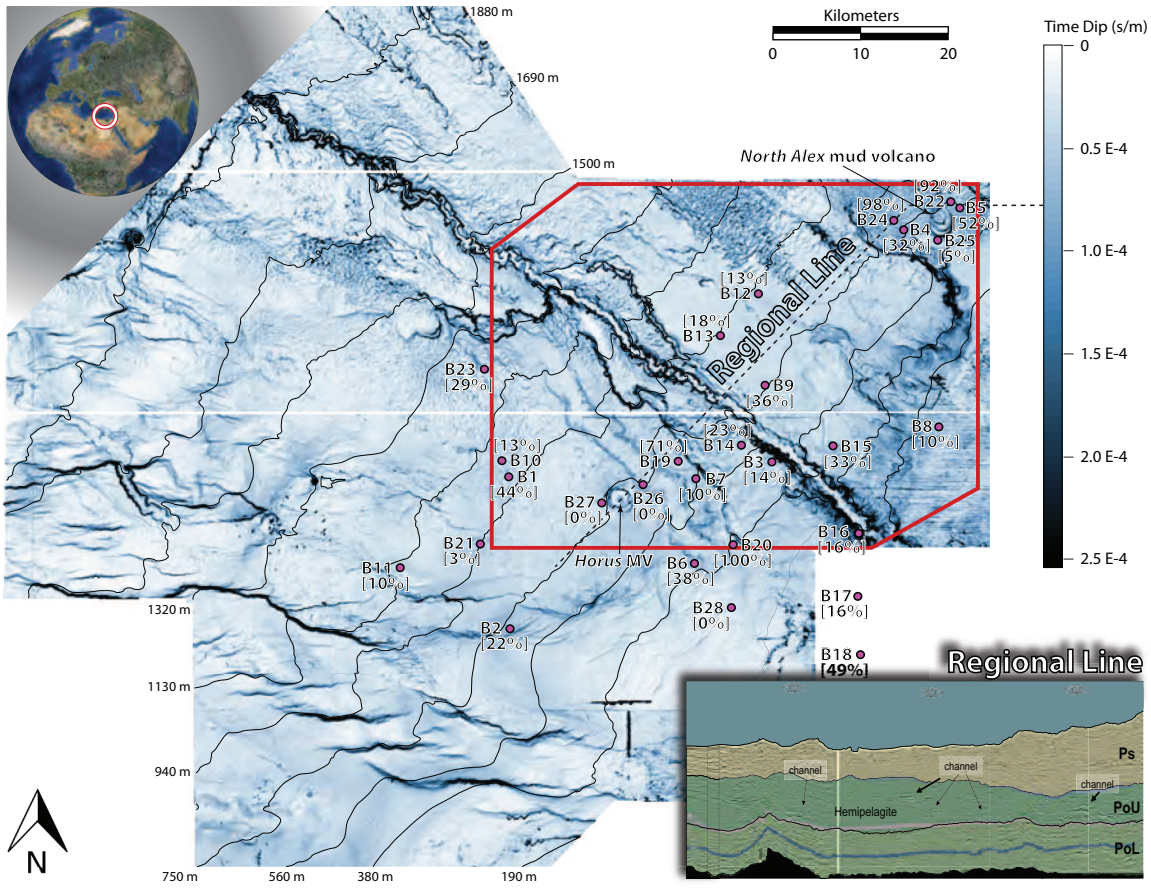


Figure 1–3 Seafloor dip-map of the western Nile Delta fan with borehole locations (B1-B28) and focus area (red frame). Average data abundance per well with respect to B20 is given in brackets (see caption of Fig. 1–6). The regional seismic line outlines the ~3km thick post-Messinian succession of Lower and Upper Pliocene (light/dark green) and the Pleistocene sediment cover (yellow).

from seismic and drilled wells suggest that the underlying channel, levee, and lobe reservoirs are rarely full to spill (*cf*. BP Egypt). Basically, there are two possible explanations for these observations: either (a) lack of charge or (b) the column heights are controlled by a dynamic charge/leakage system with relative migration rates that preclude complete filling of the structures.

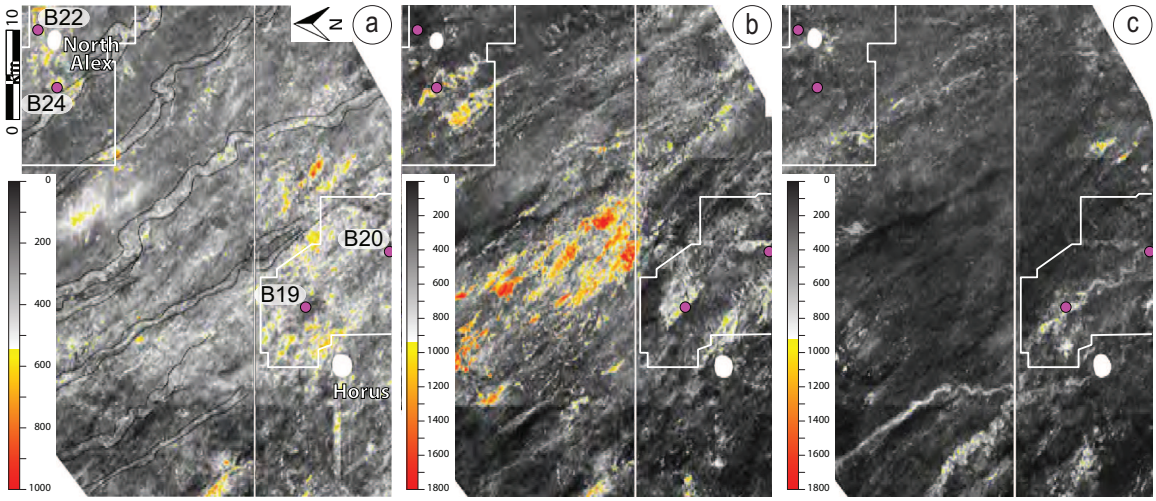


Figure 1–4 Seismic amplitude maps (~80 ms thick) of (a) Lower Pliocene, (b) Lower-to-Upper Pliocene transition, and (c) Upper Pliocene hemipelagite cap rock of the focus area. Locations of Horus and North Alex case studies, priority wells, and mud volcanoes are marked. Legends show magnitude of RMS amplitudes (ms).

This study is focused on understanding the migration routes, rates and mechanisms that are involved in the case study. In principle, gas migration may take place along one or both of two general routes: (a) high permeability, seismic-scale bypass systems including injected sands and sands juxtaposed at *e.g.* levee-levee connections ("multi-storey migration"; Cartwright *et al.* 2007), and/or (b) predominantly vertical flow through the pore network of mud-rich sediment sequences (Schowalter 1979). In this relatively shallow region low pore fluid overpressures preclude micro-fracturing and potential large-scale conduits are readily identified on seismic as gas-bearing anomalies. However, their role as migration pathways for thermogenic gas (that arrives from an unspecified sub-Messinian source rock) is always uncertain due to the ubiquitous generation of microbial gas in this area. Mixing of these two genetic gas types and potential biodegradation precludes a purely seismic approach on unravelling the movement of gas within the western Nile Delta fan. Alternatively, this migration study is based on the interpretation of fluid geochemical fingerprints in the context of borehole lithological profiles and pore fluid volumetrics. A detailed outline of the data and workflow involved is given in Chapter 1.2.

1.2 Data Resources and Case Studies

A quantitative assessment of gas distribution and its genetic fingerprint in the context of both stratigraphic position and lithology requires a comprehensive data set. The *Caprocks Project* group provided access to a seismic cube of the study area that is penetrated by 25 boreholes, each provided with a conventional wireline log suite and some with bore-

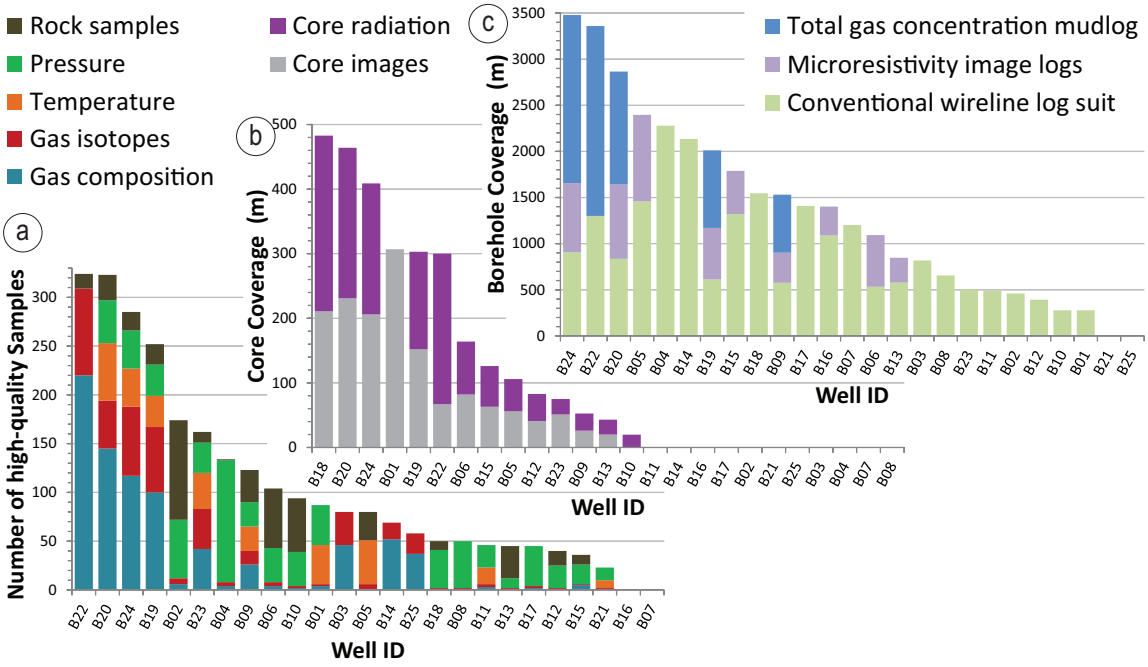


Figure 1–5 Detailed distribution of data availability for the provided boreholes. The database may be split into (a) isolated samples from rock coring, RFT downhole measurements, and wellsite fluid sampling, (b) core logs, and (c) borehole logs.

hole images and high-quality core images. For calibration of these petrophysical signals a mudrock database with various measurements of more than 300 samples from the study area was provided; 92 rock sample analyses with focus on fine-grained sealing units were conducted by the author. Gas concentration data, plus compositional and isotope data are available from various wellsite and downhole measurements for both reservoir and non-reservoir units. Data abundance and coverage are illustrated in Figure 1–5.

Four wells that meet a sufficient data coverage for the required measurement depth synchronisation were selected for detailed analysis (Fig. 1–6). The geographic positions of these priority wells generated two case studies that are named after their closest mud volcanoes (MV): Horus and North Alex (see wells and white outlines in Fig. 1–4a).

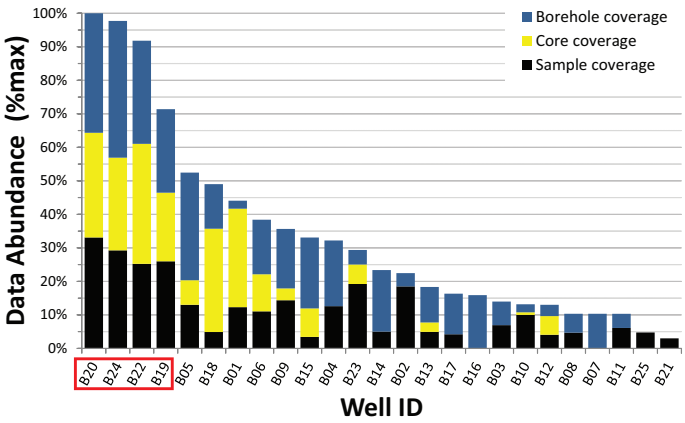


Figure 1–6 Average data abundance per well relative to the well with the highest coverage (B20≡100%). The four wells with the best data coverage were chosen as priority wells (red frame: B19, B20, B22, B24).

The Horus case study Wells B19 and B20 penetrate the same channel/levee complex (Fig. 1–7), but B20 does not contain a commercial gas column height (CH_{max}~25m) as opposed to B19 (CH_{max}~230m) which is located at the structural crest (Fig. 1–8).

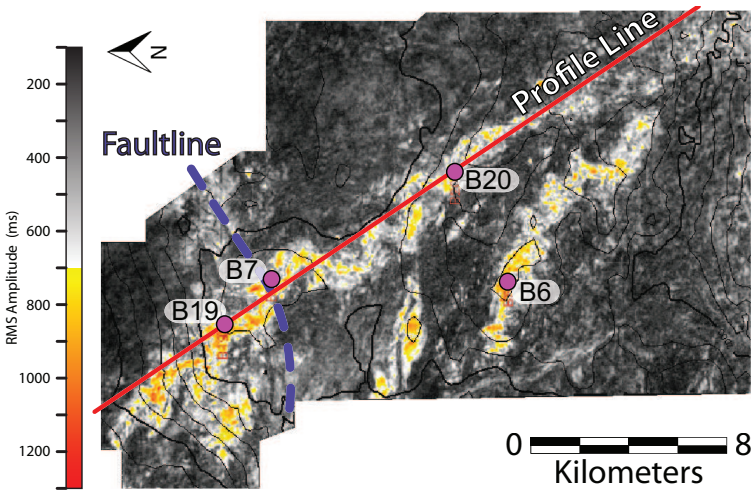


Figure 1–7 Trap configuration at Wells B19 and B20 in the Horus case study. Both wells penetrate the same channel that is compartmentalised into separate reservoirs of differing quality. See geographical overview map in Figure 1–4.

Drill-stem tests (DST) revealed that there is very poor pressure communication between the two wells, which leads to the conclusion that there is at least one sealing fault responsible for reservoir compartmentalisation. The ultimate top seal is dominated by levee and mass transport deposits (Fig. 1–8). Questions that arise from this scenario are whether gas from Well B19 has intruded the cap rock, whether B20 has lost its gas through the seal or has never received charge, and which of the two scenarios is feeding the present-day pockmark above the faultline in Figure 1–8.

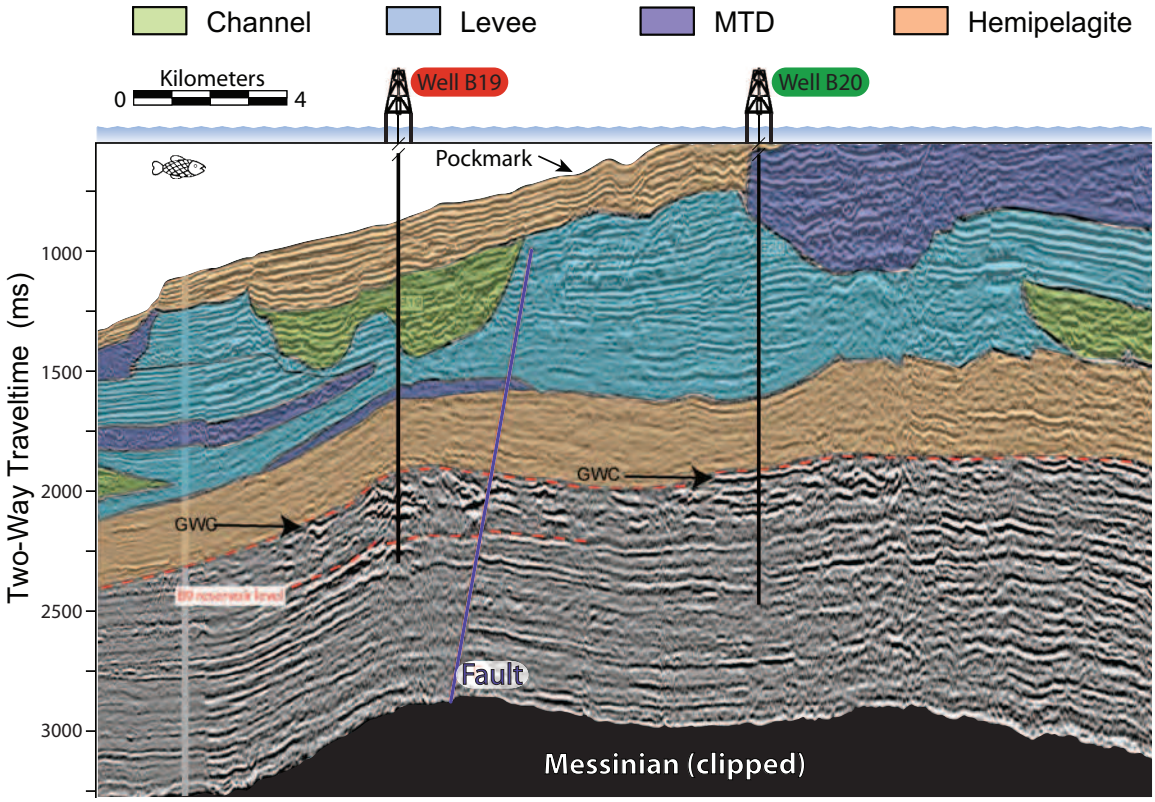


Figure 1–8 Down-slope seismic profile along the B19/B20 channel. Profile line in Fig. 1–7. Gas-water contacts (GWC) marked by dashed red lines. Messinian seismic is not granted for publication. Seismic interpretation courtesy of A. Georgiopoulou.

The North Alex case study Well B22 penetrates a levee reservoir that is connected to its adjacent channel (CH_{max}~100m; at location of Well B5 in Fig. 1–9) while B24 penetrates a channel reservoir (CH_{max}~280m) that is likewise in lateral communication with a gas bearing levee (Fig. 1–9). The cap rock along B22 is dominated by levee deposits whereas the B24 reservoir is situated at the base of a complex channel system that may

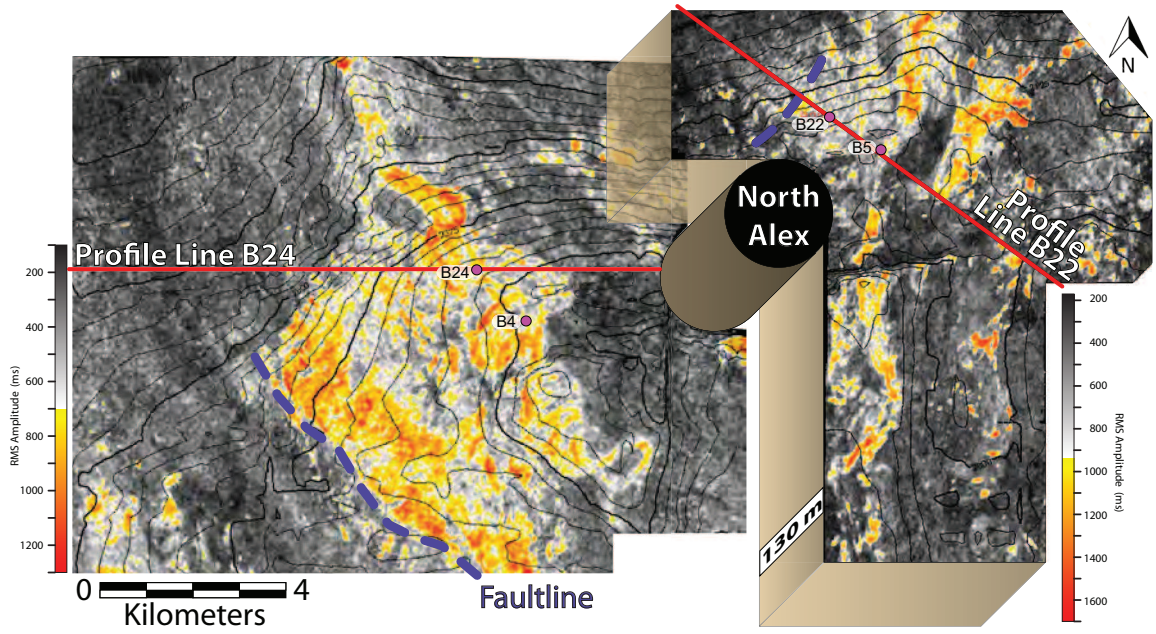


Figure 1–9 Trap configuration at Wells B22 and B24 in the North Alex case study. The two wells penetrate different reservoirs in the vicinity of the North Alex mud volcano. See geographical overview map in Figure 1–4.

pose an elevated leakage risk (Figs. 1–10a,b). Although Wells B22 and B24 feed on different reservoirs at different stratigraphic intervals both are (1) marginally confined by a normal fault and (2) located in the close vicinity of the same major mud volcano (MV) called North Alex.

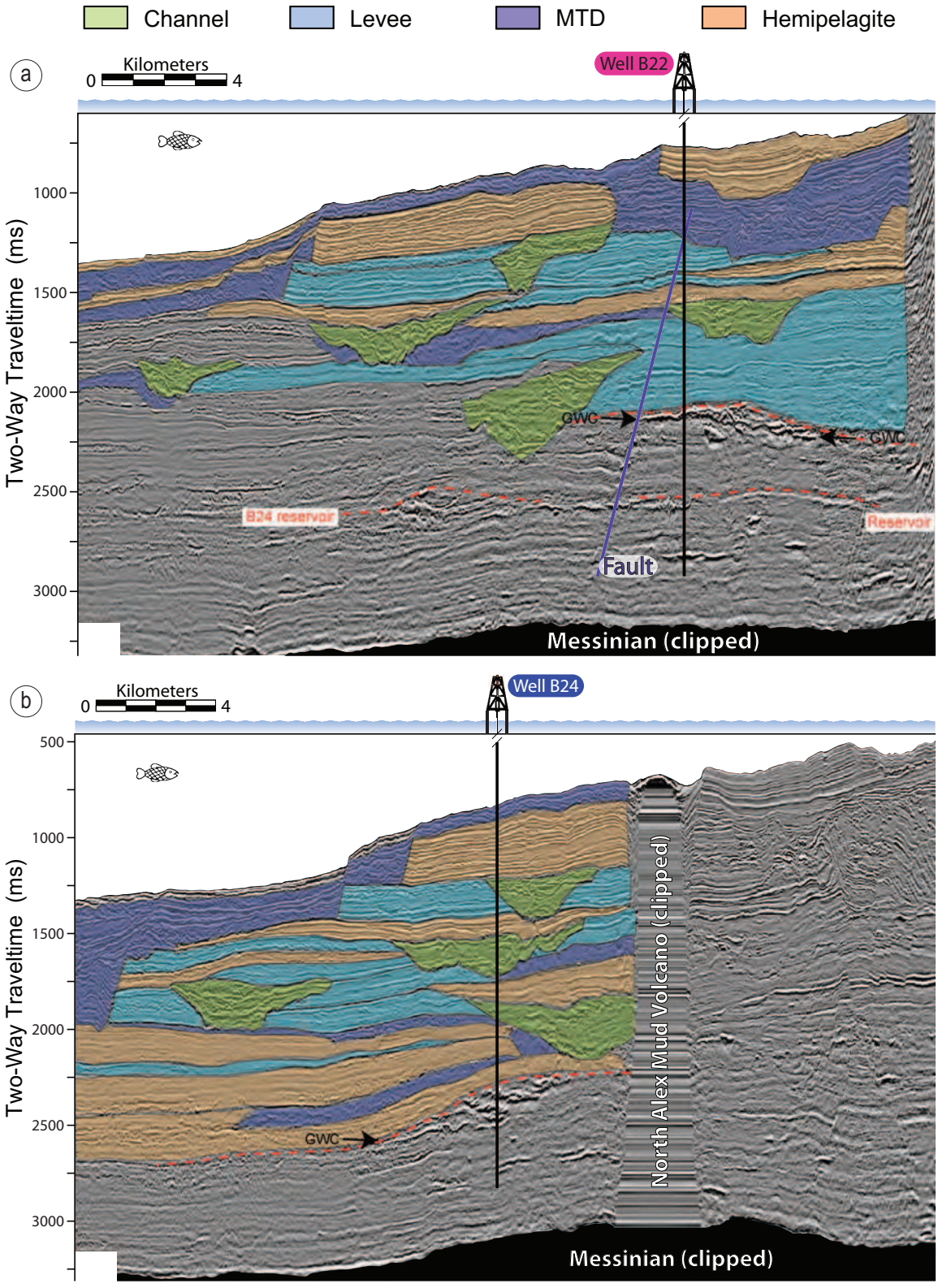


Figure 1–10 Down-slope seismic profile through the borehole section of (a) Well B22 and (b) Well B24. Profile lines in Fig. 1–9. Gas-water contacts (GWC) marked by dashed red lines. Messinian and mud volcano seismic are not granted for publication. Seismic interpretation courtesy of A. Georgiopoulou.

Prominent cap rock bypass systems The mapping of strong seismic amplitude contrasts across the marginal faults – particularly in the case of B24 (Fig. 1–9) – implies that they are laterally impermeable. However, there is a risk that sub-vertical gas migration along their down-dip plane plays a major role in the charge/leakage behaviour of these two reservoirs. In fact, the fault-related occurrence of MV in the Nile Delta area (*e.g.* Dupré *et al.* 2010) indicates that at least some faults have significant fluid conductive properties. Loncke *et al.* (2004) suspected that fluid migration along reactivated basement faults initiated the generation of Western Nile Delta MVs such as North Alex and Horus (Fig. 1–2), and Garziglia *et al.* (2008) speculate that fault-related leakage may widely affect the tectonic activity in this area. Lipid biomarker studies of carbonate crusts that were precipitated by shallow anaerobic oxidation of methane (AOM) imply a stable and presumably steady seepage activity at a central Nile Delta pockmark during the last 5 Ma (Gontharet *et al.* 2009), *i.e.* the system has already received a mixed thermogenic/microbial hydrocarbon charge at the sediment interface during the early Pliocene. Furthermore, an eastern Nile Delta study from Mastalerz *et al.* (2007) suggests an episodic, pulse-like contribution to MV eruption activity on the basis of differing sea water column hydrocarbon concentrations that were measured during two subsequent seafloor expeditions (NAUTINIL Sep-Oct 2003: rel. lower conc.; MIMES Jun-Jul 2004: rel. higher conc.). Consultation of World Stress Map data implies that a contemporary and drilling-related earthquake might be responsible for this observation (16/06/2004 at 1.6 km burial depth within the study area; Heidbach *et al.* 2008). These observations suggest the mutual influence of fault-bound gas migration and fault activity as an extention to the aforementionend ideas of Garziglia *et al.* (2008). Mud volcanoes in the Levantine Basin, offshore Israel, were also reported to bypass the Plio-/Pleistocene stratigraphy (Netzeband *et al.* 2006), *i.e.* the deep-rooted nature of mud volcanoes seems to be a common feature of the eastern Mediterranian. This explains why fluid emissions are dominated by (deep) thermogenic gas that reflects source rock maturities which are significantly increasing towards the east (Dupré *et al.* 2007 & 2010 – and references therein).

Dupré *et al.* (2010) report that MV feeder channels in the Nile Delta area usually do not exceed a few metres in diameter although stratigraphic disruptions may exceed a radius of 1km (*e.g.* Fig. 1–10; clipped data). In addition to these seismic observations (1) the presence of peripheral seeps allocated to subsidiary conduits of the North Alex MV (Dupré *et al.* 2007) and (2) the general presence of a subordinate microbial gas fraction in coexistence with isotopic traces of deep anaerobic wet gas biodegradation in shallow MV sediment samples (Mastalerz *et al.* 2007 & 2009) give rise to the question whether such large-scale cap rock-bypass systems (CBS) are capable of tapping Plio-/Pleistocene gas

reservoirs within a radius of 2.3-5.1 km – such as in the case of Wells B22 and B24, respectively.

1.3 Challenges of Wellsite Data Integration

The basic prerequisite for a successful integration of a broad variety of field and borehole-related measurements is inevitably the coherence of depth. In other words, cause-and-effect relations may only reasonably be inferred from data that are confirmed to be measured at the same reference depth. The provision of such depth coherency is utterly critical in small-scale heterogeneous strata such as laminated reservoir cap rock sections. In terms of conventional borehole data acquisition there are basically three different depth referencing techniques that are not easily brought into line.

First, the driller's depth relates to all downhole measurements taken during the initial drilling of a new well. It is the coring reference, *i.e.* the depth at which the provided rock samples have been recovered from. This type of depth is referenced to the length of the steel string and relates to the rate of penetration (Fig. 1–11). Inevitably, there is hazard of incoherency by steel string expansion and replacements on drilling progress. These process-related depth uncertainties are accompanied by non-linear distortion of the recovered core that may be ascribed to issues such as core loss (*e.g.* by unconsolidated rock and cuttings wash-out between cored intervals) as well as unloading, clay swelling and desiccation shrinking (Anderson 1975). Core gamma ray (COGR) and microresistivity borehole image (OBMI) scans will give a critical contribution to core depth matching in order to establish depth coherency (see Appendix A for details).

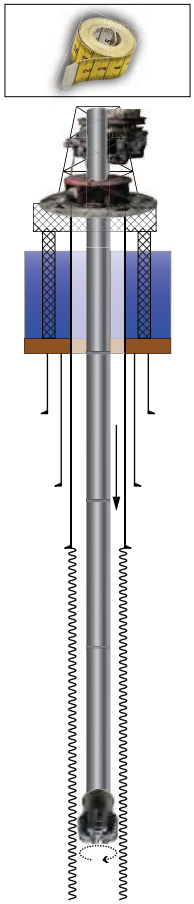


Figure 1–11 Driller's depth scheme

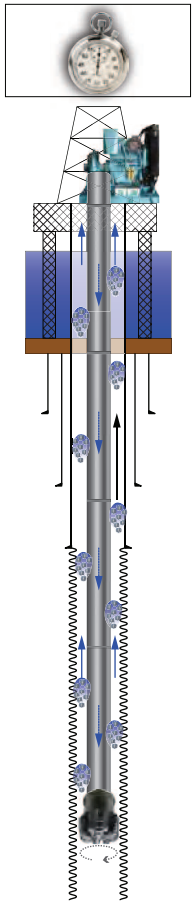


Figure 1–12 Mudlog depth scheme

Second, probably the least accurate depth measurement taken is the mudlog depth. It is estimated from the driller's depth and borehole fluid circulation rate (Fig. 1–12), relating to all the measurements involving the borehole outflow while drilling. The inconsistent mixture of borehole fluid (mostly oil-based in the case study), natural gas, saline formation water and drill cuttings is permanently being scanned for basic E&P and wellsite safety issues directly at the well head. Most valuable data referring to the mudlog depth

concern gas chemical and isotopic compositions obtained from Isotube and FID measurements (see Chapter 3.1). In addition to inconsistencies caused by complex multi-phase flow regimes, the potential contribution of drilling side-effects such as 'swap gas' and 'connection gas' (both phenomena related to drill string withdrawal) and circulation fluid disbalances account for non-linearities in depth matching of mudlog data (Whittaker 1985, T. Dodd personal communication). Unfortunately, the most frequent disturbances in the gas sample-to-depth relation occur within the cored interval where sampling frequencies are commonly higher than elsewhere. In consideration of these various interferences it was decided to undertake a stochastic procedure of matching the measured TG log to a wireline log gas model (see Appendix A for details). Fluid samples taken directly downhole may serve as a quality control for shifting of the mudlog depth.

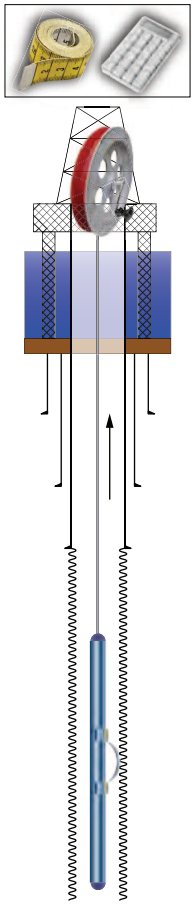


Figure 1–13 Logger's depth scheme

Third, the logger's depth refers to the complete suit of wireline log signal profiles acquired along the borehole. Being the common reference for all post-drilling wellsite activities as well as traveltime-to-depth conversions of seismic surveys, a major effort is undertaken by the logging contractor to ensure that this master reference depth reflects the "true" depth along the borehole as accurately as possible. Common corrections – for example – involve issues of acceleration caused by tool clogging and systematic errors like wireline expansion (Fig. 1–13; Serra & Serra 2003). In addition to conventional wireline log responses such as resistivity and gamma ray, borehole image scans and sparse downhole fluid samples (RFT/MDT) will prove critical to confirm the correction of driller's and mudlog depth to the common logger's depth.

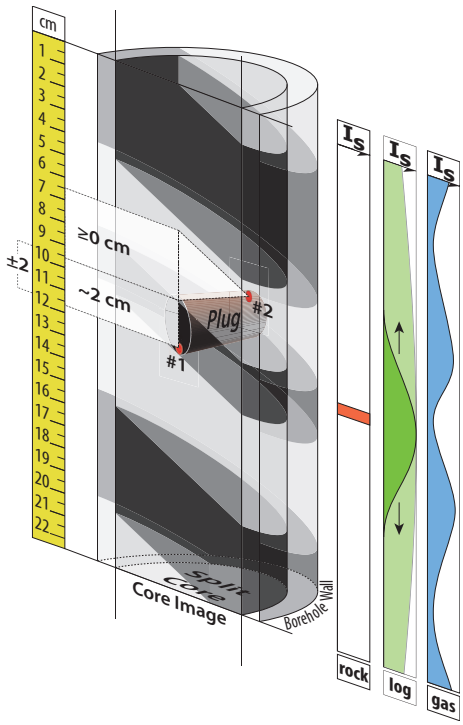


Figure 1–14 Uncertainties in the exact provenance of the sub-sample for laboratory rock analysis poses a severe risk for the plug-to-core depth integrity (see text). Scale, resolution, and signal intensities (I_S) vary between different techniques.

Careful depth-matching of core, log and gas data creates the starting situation for the integrated analysis of this multi-scale and multi-resolution data set. However, even after a successful depth synchronisation there remain severe discrepancies concerning scale and resolution between the applied measurement techniques (Fig. 1–14). For example, the vari-

ous destructive laboratory experiments that are conducted at the rock sample resolution (~5mm) require multiple sub-sampling of a heterogeneous core plug (*e.g.* at locations #1 and #2 in Figure 1–14). Integration of measured parameters such as grain and pore sizes would be highly error-prone in this case simply because the heterogeneity of clay-bearing rocks is commonly high at the sampled resolution and reproduction of identical sub-samples for multi-probing is elusive. Further – in conjunction with depth synchronisation – techniques such as rock sampling, core/wireline logging and gas sampling require a harmonisation of signal resolution prior to integration (Fig. 1–14; Appendices A and B). Usually the highest resolution will be upscaled in order to meet the lowest resolution to compare with (Zinszner & Pellerin 2007). Depth synchronisation, signal harmonisation, and the involved limitations due to resolution discrepancies are largely described in the respective appendices of this thesis.

As mentioned earlier, potential migration routes and seal risk assessments – particularly in the petroleum industry – are traditionally evaluated and validated through the analysis of seismic surveys (*e.g.* Cartwright *et al.* 2007). However, gas seepage at low concentrations is not resolved on seismic, and *in situ* production of gas by microbial activity in the deep biosphere may lead to the misinterpretation of seismic-scale gas pockets as the local ponding along an active migration pathway. Alternatively, this study suggests that careful investigation of gas volumetrics and geochemical fingerprints in both seismic and lithological context yields new insights into basin-scale migration at an elevated resolution.

The approach is implemented by consultation of gas geochemical evidence from subsurface fluid samples (Part I), borehole lithological context (Part II), and partition of water and hydrocarbon gas in the pore space (Part III). A synthesis of the derived borehole profiles from the first three parts of this thesis will be translated into schematic gas migration scenarios through the local and regional basin architecture in Part IV (Fig. 1–15).

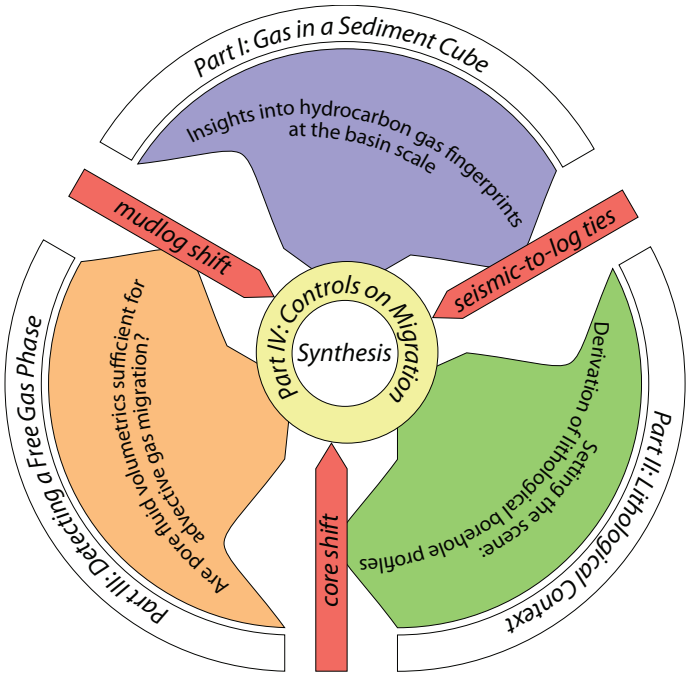


Figure 1–15 Schematic workflow for the integration of available data sets for a better understanding of the gas migration history within the case study.

Part I – Gas in a Sediment Cube

The name "Gas in a Sediment Cube" was chosen because this first part focuses on analysing the combined wellsite gas data sets from the Western Nile Delta subsurface to determine (and quantify) the most prominent effects on gas geochemistry, involving state-of-the-art concepts of hydrocarbon gas genesis and its geochemical evolution upon secondary alteration processes.

Identifying the relative impacts of both genetic (primary) and post-genetic (secondary) imprints on recovered gas samples allows their translation into time-dependent proxies such as degree of genetic mixing, thermal maturity of the source rock during gas expulsion, and progress of microbial alteration.

A detailed well-by-well discussion of migration mechanisms and pathways will conclude this work in Part IV.

Chapter 2 Geochemical context

The geochemical study of natural gases, oils, and their organic precursors is of interest due to the fact that hydrocarbon gases are omnipresent primary products of organic maturation at all stages of burial. They range from early microbial/diagenetic methane, formed in shallow anoxic sediments down to depth exceeding 1000 meters, through to thermogenic gases associated with oil generation, or higher temperature methane produced during metamorphism of organic matter (OM; *e.g.* Clayton 1991, Norville & Dawe 2007). Hence, molecular and isotopic gas signatures potentially unravel the genetic and post-genetic hydrocarbon history and behaviour in sedimentary basins, *e.g.* source type and maturity, gas mixing, as well as migration effects and leakage (Clayton 1991, Prinzhofer *et al.* 2000a & 2000b).

Tracking this genetic code utilizes data only of two different kinds: the molecular proportions of each species (*e.g.* CH_4, C_2H_6, etc.) and the stable isotope ratios of each chemical element (*e.g.* ^{12}C *vs*. ^{13}C, ^{1}H *vs*. ^{2}H or D) involved in each molecular species. In particular, the carbon isotopic composition of methane and, somewhat more recently, the hydrogen isotopic composition have been found useful for recognition of the origin of a gas. Both parameters are primarily dependent on the type and maturity of the source (Schoell 1983), as well as secondary fractionation and gas mixing effects. However, hydrogen isotopes need to be handled with great care due to the acknowledged potential of hydrogen to be exchanged with other species, *e.g.* formation water and meteoric aquifer water (Schimmelmann *et al.* 1999).

As isotopic differences are small, changes are usually highlighted by referring sample isotopic ratios to a common standard. This normalization is expressed by the δ notation (Tissot & Welte 1984), *e.g.* for $\delta^{13}C$:

$$\delta^{13}C\ [‰] = [(^{13}C/^{12}C)_{sample} / (^{13}C/^{12}C)_{PDB}] - 1 \cdot 1000 \qquad \textbf{\textit{(2a)}}$$

In other words, the higher the δ value, the relatively more of the heavier isotope counterpart comprise the sample. The common standard for $\delta^{13}C$ is PDB, whereas δD values refer to the standard mean ocean water (SMOW; Craig 1961). Measured δ values are given in per mil and are usually negative for organic carbon and hydrogen, which is basically due to (1) the kinetically favoured incorporation of the lighter isotopes during photosynthesis prior to burial and (2) thermal alteration of the gas organic precursor (*e.g.* $\delta^{13}C_{org}$ = -30 to -20 ‰). Hence, the inorganic standards are relatively enriched in ^{13}C respectively D (Tissot & Welte 1984, Whiticar 1996).

The distribution of different genetic or primary gas mixtures – *e.g.* along vertical bore-

hole sections – will help to track reservoir leakage and potential migration pathways although concurrent secondary overprints may partially disguise the original gas signature. Primary hydrocarbon generation is discussed in Chapter 2.1, followed by a section on microbial gas generation and secondary recycling (Chapter 2.2), and an overview on abiogenic secondary overprints that may occur during hydrocarbon migration through the pore space (Chapter 2.3).

2.1 Primary origins of hydrocarbon species

Natural gas comprises naturally occurring hydrocarbons, mainly methane (C1) with variable amounts of wet gas components (C2+), as well as commonly small amounts of other compounds such as N_2, H_2S, CO_2, He and H_2O (Tissot & Welte 1984). The distinction and quantification of the two fundamental genetic gas types, thermogenic and microbial, is important since it helps to identify and characterise the source during an early exploration stage, can suggest the presence and quality of liquid hydrocarbons in the reservoir, and may indicate whether previously reservoired gas has entered the seal (Leith *et al.* 1993, Abrakasa 2009).

Thermal Cracking The distribution of oil and gas in sedimentary basins is commonly explained by the hypothesis of thermal cracking at elevated temperatures: gas/oil ratios and gas ratios (dryness = C1/ΣC1-5) tend to increase with organic source maturity and depth due to the disintegration of free radicals in the order kerogen → oil → wet gas → dry gas by a process called beta-elimination (Mango 2001). Prinzhofer *et al.* (2000b) list the following three possible origins for thermogenic gases generated in the source rock

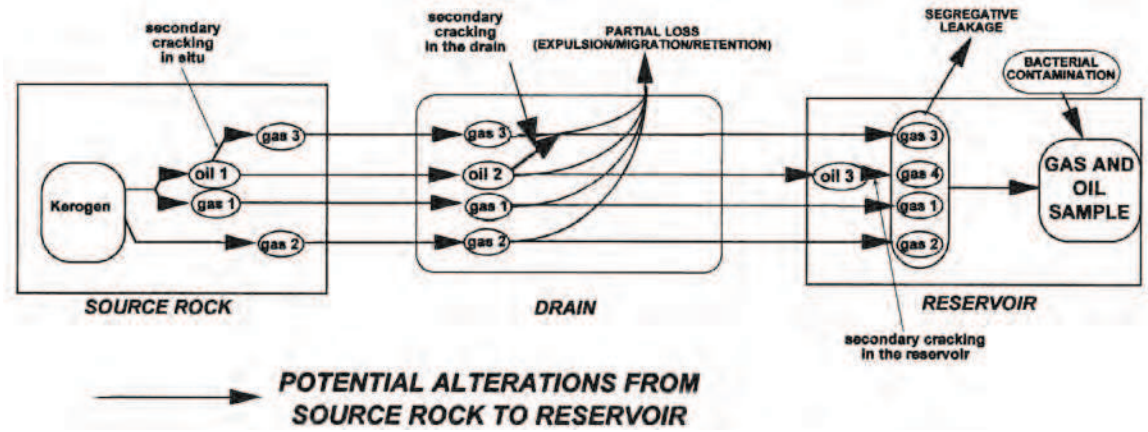


Figure 2–1 General scheme of hydrocarbon gas history from its genesis to its sampling (from Prinzhofer *et al.* 2000b). In the source rock, three different gas steps of formation may be defined: gas generation associated with the oil, late gas generation from the mature kerogen, and secondary cracking of the oil remaining in the source rock. In the reservoir, after expulsion and migration, two other possible gas inputs may be distinguished: secondary cracking of the reservoired oils and bacterial contamination. Hydrocarbon segregation due to transport may occur in the source rocks, in carrier beds, and within the reservoir.

(Fig. 2–1): (1) kerogen-derived gas during oil genesis (primary cracking), (2) late gas generation from the kerogen (primary cracking), and (3) gas generated by the thermal degradation of the source-bound, generally heavy oil (secondary cracking). Additionally, a fourth hydrocarbon gas fraction may derive from the reservoir-bound thermal decomposition of the oil (secondary cracking).

However, there is no chemical evidence to support the idea of naturally cracking wet gas to dry gas (> 80% methane) over geological time at typical subsurface temperatures without catalytic assistance (Mango *et al.* 1994, van Aarssen *et al.* 1999). Mechanisms that are discussed to contribute to the controversial large methane proportion of natural gases include gas fractionation due to expulsion (Inan 2000) and migration (Price & Schoell 1995, Schoell 1995), and gas catalysis due to traces of reduced transition metals (*e.g.* Mango 2000 & 2001). As a rule of thumb, thermogenic gas contains at least 2% of higher gaseous alkanes C2+ (Fuex 1977, Rice & Claypool 1981, James 1983, Mattavelli *et al.* 1983, Schoell 1983, England 1990, Coleman 1992, Schoell *et al.* 1993).

Apart from the debatable molecular genesis of natural gas, its isotopic fingerprint appears to be well understood on the basis of a kinetic isotope effect (KIE): The cracking of an isotopically lighter molecule is energetically favoured over its heavier counterpart due to differences in covalent bond strength (*e.g.* Stahl 1974, Tang *et al.* 2000). Moreover, the lighter the molecule, the lighter it is isotopically, with all hydrocarbons being depleted in heavier isotopes relative to the source kerogen. Consequently, as the latter passively enriches in the heavier isotope with reaction progress, *i.e.* with increasing maturity, this isotopic shift in the source is inherited by the subsequently produced hydrocarbons (Fig. 2–2; Sackett 1978, Clayton 1991, Andresen *et al.* 1995, Whiticar 1996, Prinzhofer *et al.* 2000b, Tang *et al.* 2005).

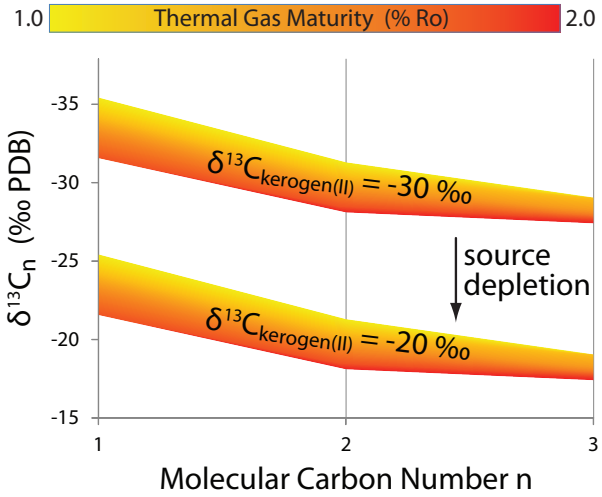


Figure 2–2 Gradual depletion of ^{13}C in the source kerogen amplifies the thermal maturity effect on carbon isotope ratios of expelled hydrocarbons (after the maturity model of Berner & Faber (1996) for type-II kerogens).

Microbial Cracking The natural gas formed in sediments during diagenesis is termed biogenic or microbial gas. It is a waste product of methane producing archaea or methanogens during the decomposition of organic matter in poorly drained swamps, bays, anoxic freshwater lake bottoms, glacial drift, and marine sediments beneath the zone of active sulfate reduction at some tens of meters depth down to temperatures exceeding

75°C (Rice & Claypool 1981 – and references therein). A secondary source of microbial methane relates to wet gas and oil biodegradation at the base of hydrocarbon accumulations (Scott *et al.* 1994, Jones *et al.* 2008). Accumulations of microbial gas are found in recent to Cretaceous sediments with extensive turbidite, delta and/or coastal plain facies that have had a low-temperature history (Clayton 1992, Norville & Dawe 2007).

The distribution of microbial gas in the subsurface can shed some light on its migration history only if the stratigraphic intervals that host the major production sites are known. That is why habitat and metabolism of both methanogens and biodegrading microbes as an important part of the diverse microbial environments of the deep biosphere are summarised in the following section.

2.2 Microbial activity in the deep biosphere

Over the last decades, a range of archaeal and bacterial species has been recovered from various depths via fluid and core samples, both cultivated and uncultivated (Dong & Yu 2007, Fredrickson & Balkwill 2006 – and references therein). All these microorganisms were found to metabolise organic matter (OM) by a series of coupled oxidation-reduction reactions.

In marine environments, the two general processes for metabolising OM are (1) respiration (both aerobic and anaerobic) which utilizes inorganic compounds as electron acceptors, and (2) fermentation in which electron transfer occurs within or between organic compounds (Rice & Claypool 1981, Tissot & Welte 1984, Hunt 1996, Whiticar *et al.* 1986). Selective advantage is given to species capable of catalysing the various processes most efficiently, *i.e.* the nature of the microbial population of a given habitat is determined by (1) respective energy yield of metabolic reactions and (2) environmental constraints. Accordingly, the ecological succession of metabolic processes varies with time and burial depth, with less efficient organisms at greater depth (Rice & Claypool 1981; Fig. 2–3). At this point consideration should be given to the fact that only trace concentrations of H_2S were sampled from the Plio-/Pliostocene Nile Delta at temperatures well below 90°C, *i.e.* most of the available gas data has been sampled within the methanogen window (see Fig. 2–3).

In general, the deep biosphere is considered to harbour mainly fermentative and methanogenic anaerobes in an aqueous environment that provides dissolution and transport of organic and inorganic nutrients for biosynthesis (Röling *et al.* 2003). Overall activity of such buried microbial communities can be constrained by the rate of nutrient diffusion (Tyler *et al.* 1994) – particularly in stratigraphy with limited pore water saturation (Kieft

et al. 1993) – as well as by intolerable salinity and temperature conditions (Grassia *et al.* 1996, Tardy-Jacquenod *et al.* 1996).

If adequate environmental conditions are met the metabolic respiration of inherent microbial communities is dependent on the availability of electron donors (reductants or "energy") and electron acceptors (oxidants or "electron sinks"). Electron donors are usually provided via microbial fermentation and abiotic decomposition of sedimentary organic matter (Carothers & Kharaka 1978, Routh *et al.* 2001), mineral hydrolysis (*e.g.* Bennett *et al.* 2001), and/or the influx of dissolved hydrocarbons (Tyler *et al.* 1994). Reduced inorganic cations from mineral diagenesis (especially S, Fe, Mn), CO_2, and – in the case of oil biodegradation – possibly certain types of organic compounds serve as oxidants (Röling *et al.* 2003).

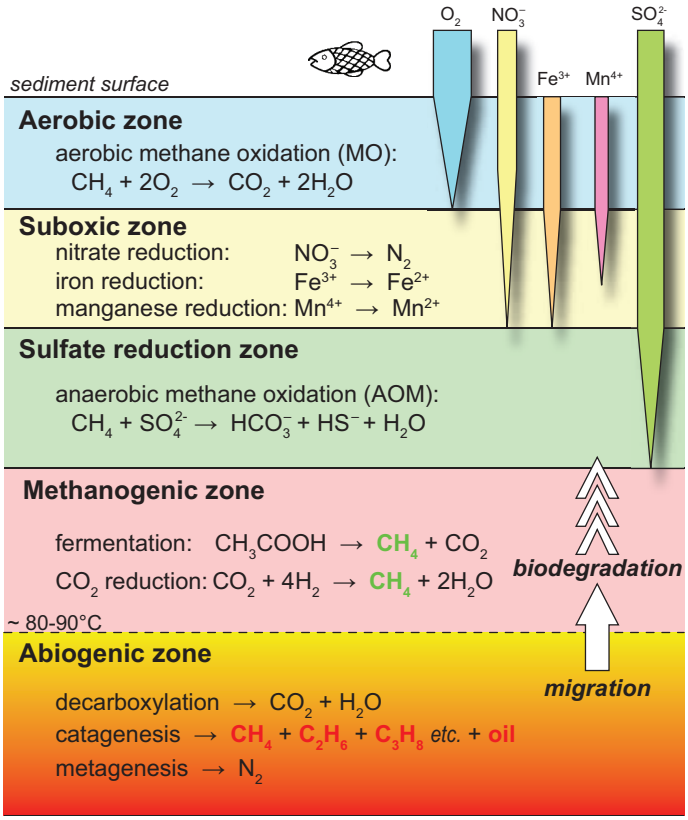


Figure 2–3 Diagrammatic cross section of organic-rich, open-marine environment showing succession of microbial ecosystems that lead to methane generation and recycling (reproduced from Clayton 2010, with supplements from Valentine 2002).

However, frequent discoveries of new prokaryote species support the impression that as yet, only little is known about the ecology and evolution of microbes in the deep biosphere.

Temperature implications Temperature optima can be relatively narrow depending on the respective microbial species (Zeikus & Wolfe 1972). Optimum growth conditions for methanogens have repeatedly been reported between about 30°C and 50°C (*e.g.* Zeikus & Winfrey 1976, Wellsbury *et al.* 1997) while those for biodegrading microbes may range to as much as 70°C (Grassia *et al.* 1996). An empirical termination threshold at 80–90°C for fermentative micro-organisms in petroleum accumulations is widely acknowledged (Head *et al.* 2003). This temperature threshold indicates a fatal rate disequilibrium between an already slow anaerobic biosynthesis (Jones *et al.* 2008) and increasingly fast thermal decomposition of life sustaining organic compounds beyond the tolerated temperatures (Bernhardt *et al.* 1984, Phipps *et al.* 1991).

Consequently, pasteurisation of uplifted reservoirs indicates that HC fermenting or biodegrading microbes evolve during burial rather than having colonised upon hydrodynamic injection (Wilhelms *et al.* 2001a). Methanogens are likewise considered original habitants due to pore throat and thus transport restrictions in mudstones (Momper 1978, Chapelle & Lovley 1990, Fredrickson *et al.* 1995, Rebata-Landa & Santamarina 2006).

Physical nutrient access Multiple evidence suggests that anaerobic biodegraders are physically related to the rock matrix rather than colonise the pore space as plankton. For instance, Crump *et al.* (1998) argue that particle- or matrix-attached microbes have the benefit of direct access to sedimentary OM and its fermentation products. This would explain why inherent microbial communities did not get flushed out of the system during burial (Wilhelms *et al.* 2001a) unless they possess over flagellar filaments (*e.g.* Malapaka & Tripp 2006).

Microbial access requires dissolved (hydrocarbon) nutrients that may thereby be exposed to diffusive isotope fractionation effects (Bouchard *et al.* 2008a & 2008b). By analogy, ebullitive gas releases have been reported to inhibit aerobic microbial oxidation in shallow zones of low hydrocarbon saturation (Chanton *et al.* 1992, Grant & Whiticar 2002).

Further, microbes may have access to solid nutrients by direct contact, via organic electron shuttles (Nevin & Lovley 2002; Fig. 2–4), or via a coupled degradation-dissolution process induced by extracellular enzymes in biofilms (Crump *et al.* 1998). MacLean *et al.* (2008) suggested that organic polymers in biofilms are capable of creating chemical microenvironments by modulating diffusion processes.

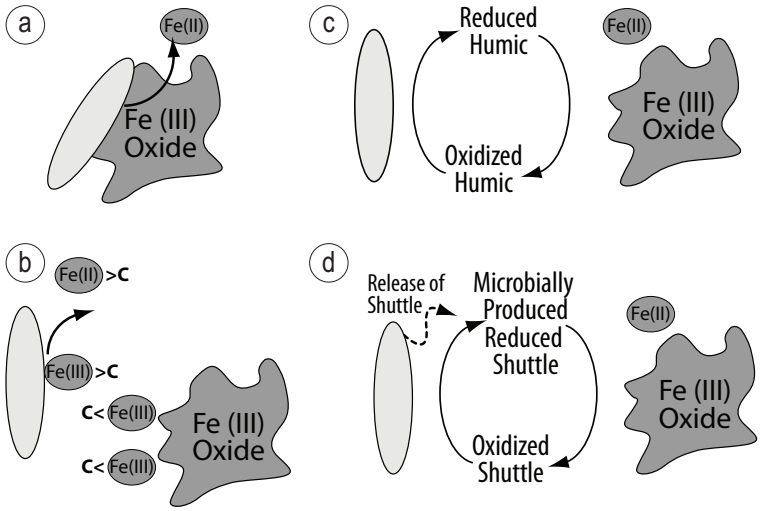


Figure 2–4 (a) Reduction of Fe^{3+} oxide via direct contact between Fe^{3+}-reducing organism and Fe^{3+} oxide. (b) Fe^{3+} reduction in the presence of soluble Fe^{3+}. (c) Fe^{3+} reduction via electron shuttling with soluble humic substances. (d) Fe^{3+} reduction via a bacterially produced electron shuttle (reproduced from Nevin & Lovley 2002).

Biodegradation Methane (C1) oxidation yields the highest energetic benefit of all hydrocarbons species (Whiticar 1994). In the deep biosphere, anaerobic oxidation of methane (AOM) has been allocated to a consortium of archea that live in a syntrophic relationship to sulfate-reducing bacteria (SRB; Hinrichs *et al.* 1999, Boetius *et al.* 2000).

A minor contribution to the microbial diversity of the sulfate-reduction zone (see Fig. 2–3) is provided by sub-terminal hydrocarbon degradation of C2 and branched species such as iso-butane (iC4; Kniemeyer *et al.* 2007).

In contrast, microbial attack of saturated hydrocarbons that bear non-terminal C-atoms such as C3 and normal-butane (nC4) is a widely reported phenomenon in petroleum accumulations beyond the sulfate-reduction zone (*e.g.* Kinnaman *et al.* 2007) and may have a syntrophic connection to the microbial synthesis of short-chained hydrocarbons (Jones *et al.* 2008). Since there is no evidence of AOM that is decoupled from SRB the microbial consumption of hydrocarbons in sulfate-free anoxic environments lead to a selective reduction of oil and wet gas components with the result of both compositional and carbon isotopic depletion – an effect that mimics the KIE at increasing thermogenic source rock maturity for non-methane hydrocarbons.

Methanogenesis However, also C1 chemical and isotopic compositions of the degrading thermogenic gas are altered by admixture in the zone of active methanogenesis (see Fig. 2–3). Here, microbial gas consists predominantly of methane, which is enriched in the light isotopes ^{1}H and ^{12}C (δD = -530 – -170 ‰; $\delta^{13}C1$ = -110 – -55 ‰) owing to kinetic isotope fractionation by strictly anaerobic methanogens (Whiticar 1999). The methane carbon isotopic composition is primarily affected by $\delta^{13}C$ of the original substrate and possible admixture of isotopically heavier thermogenic gas (Rice & Claypool 1981). Laboratory determination of natural microbial ethane concentrations range from 3 ppm to 0.9 % with $\delta^{13}C2$ ~ -55 ‰ (Davis & Squires 1954, Oremland *et al.* 1988, Lückge *et al.* 2002).

Although traces of higher hydrocarbons (wet gas) were successfully produced in laboratory fermentation experiments, microbial-dominated natural gas accumulations usually exceed these experimental wet gas concentrations (Rice & Claypool 1981 – and references therein). Analysis of gas samples from the Deep Sea Drilling Project (DSDP) indicate that gas of predominantly microbial origin contains higher hydrocarbons in amounts which are directly proportional to (1) temperature history, (2) age of the sediments, and (3) organic-matter content of the sediments from which the gas originates (Claypool & Kaplan 1974, Rice & Claypool 1981). These relations suggest that the higher hydrocarbons present in microbial gas are attributed to initial diagenetic rearrangements of kerogens (Claypool & Kaplan 1974), which may happen to accompany or trail microbial methane production. This assumption is supported by the generally exponential increase in ethane/methane ratio as well as gradual increase of $\delta^{13}C1$ values with depth (Claypool & Kaplan 1974, Rice & Claypool 1981, Schoell 1983, Mattavelli *et al.* 1983).

Unfortunately, this gradual change in gas composition precludes a distinct discrimina-

tion between microbial and “diagenetic” or “late bacterial” gas (Bernard *et al.* 1978, Schoell 1983). A more recent study from Hinrichs *et al.* (2006) at Pacific ODP Sites reports on the successful isolation of both C2 and C3 traces sorbed to the sediment matrix (at 0–400m burial depth) that yielded carbon isotopic ratios as low as -70 ‰; a first clear indicator for microbial C3 production.

Systematics in hydrogen isotope fingerprints of shallow methane samples have long been the basis for the classic conception of a predominant limnic/brackish acetate fermentation pathway whereas methanogenesis via CO_2-reduction was exclusively designated to anoxic and sulphate-free marine sediments (*e.g.* Rice & Claypool 1981, Whiticar *et al.* 1986, Whiticar 1999). However, it appears now that these models have not taken into account that H is in fact highly reactive and therefore prone to species interchange (Schimmelmann *et al.* 1999), and an increasing number of critical works imply that the supposedly characteristic CO_2-reduction fingerprint in empirical $\delta D1/\delta^{13}C1$ diagrams can well be implemented by H-interchange during acetate methanogenesis (de Graaf *et al.* 1996, Wellsbury *et al.* 1997, Clayton 2010). Further, studies from Vieth *et al.* (2008) on sediments from the Waikato Basin, New Zealand, demonstrate that water extraction not only from coals but also low TOC mudstones and sandstones has the potential to release sufficient low molecular weight (LMW) organic compounds (incl. acetate) to feed the local deep biosphere.

Syntrophic microbial communities Commonly, methanogens are associated with nutrient diffusion from mud-rich sediments (Fredrickson *et al.* 1997, Krumholz *et al.* 1997 & 1999), with supply of CO_2, H_2, and acetate depending on the inorganic and microbial fermentation of sedimentary OM (Horsfield *et al.* 2006, Routh *et al.* 2001; Fig. 2–5).

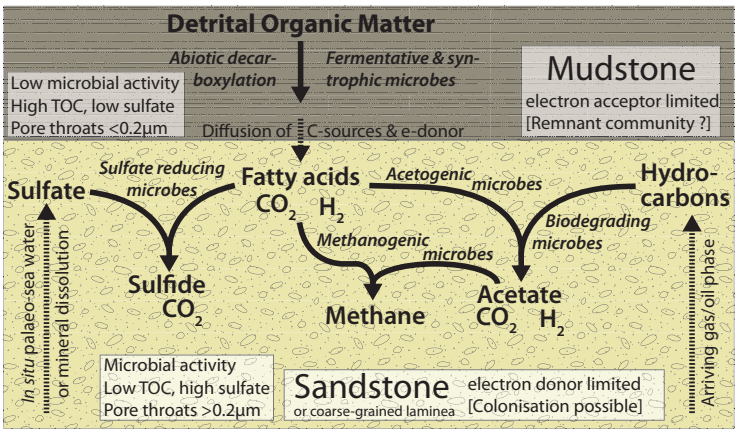


Figure 2–5 Diffusive transport of organic acids and H_2 from fermentation in low-permeability mudstones provides electron donors to anaerobic microbes in adjacent sandstones and coarse-grained interlayers where electron acceptors such as sulfate and CO_2 are available. If sulfate is absent, prevailing CO_2 sources are abiotic decarboxylation of kerogen and potential hydrocarbon biodegradation (amended after Fredrickson & Balkwill 2006).

Alternatively, methanogens may dwell at the water contact of petroleum accumulations (GWC or OWC respectively) in a syntrophic relationship to bacteria that produce acetate, CO_2 and H_2 from fermentative biodegradation of hydrocarbons (Pallasser 2000, Jones *et al.* 2008) under equally anaerobic conditions (Aitken *et al.* 2004). Methane production

associated with "methanogenic biodegradation" is also known as "secondary microbial methane" (Scott *et al.* 1994) and was reported to be dominated by the CO_2-reduction pathway (Jones *et al.* 2008).

The common association of biodegrading microbes with a gas-water contact (GWC) or oil-water contact (OWC) at the base of petroleum accumulations foster their metabolic need of an aqueous environment that has physical contact to both (1) fresh hydrocarbon phases (e-donors) entering the pore space and (2) the nutrient/oxidant-supplying fermentation of organic matter in the surrounding rock matrix. Fermentation products may also be indirectly tapped via migration along well-connected filaments of aqueous phase. Accordingly, if all other environmental prerequisites are met, petroleum biodegradation must occur within a depth interval that is restricted downwards by decreasing hydrocarbon saturation and upwards by decreasing water saturation, eventually terminating as the wetting phase changes from water to petroleum.

Interestingly, the core image database of the case study reveals several sandstone sections that show contamination with an unidentified black coating (Fig. 2–6). Although not further investigated the chemical nature of the dark material may well constitute aromatic residue (tar) from palaeo-oil degradation prior to immersion of the source rock(s) into the gas window. Accordingly, this phenomenon marks the level of palaeo-GOCs and will have led to a significant degree of pore clogging with implications on reservoir capacities and permeabilities at present. It would also demonstrate that microbial activity at a GWC may be vertically restricted to a zone of roughly 10 cm.

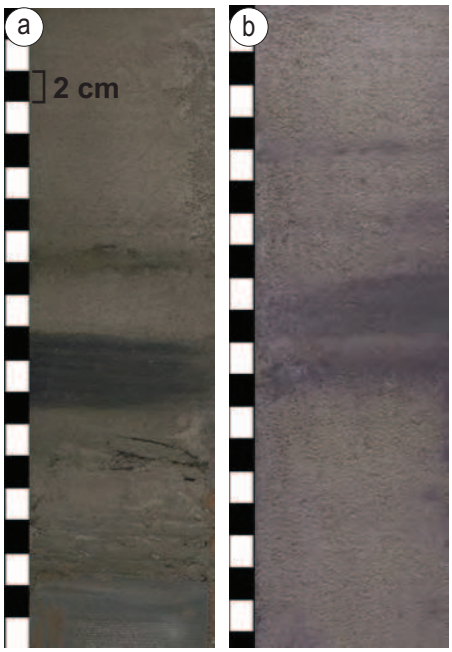


Figure 2–6 Unidentified black coating associated with palaeo-GOC in (a) Well B19 at 1719.2-1719.6 m and (b) B24 at 2058.25-2058.65 m.

In general, all these findings reflect a much stronger environmental and thus – on a basin scale – spatial restriction for anaerobic biodegradation compared to methanogenesis. Alternative anaerobes such as Fe, N, and S-reducers have been attested only a minor role in deep reservoirs. Exceptions include petroleum systems within reach of evaporites (Röling *et al.* 2003) where H_2S production may strictly inhibit biodegradation (Peters & Fowler 2002), and culmination of species that reduce Fe^{3+} directly from smectites (Kashefi *et al.* 2008).

2.3 Deciphering the migration history of a gas

Subsurface fluid samples may give evidence about their evolution only if chemical fingerprints can be explicitly linked to at least one inheritant process. Ideally, such chemical proxies can be read as progress reports on thermal gas maturity, secondary microbial alteration, and microbial gas contamination (as discussed in the previous section). The spatial distribution of such phenomena along borehole intervals may yield causal insights into the processes that effected the dispersion of pore fluids. Additional information from compositional and isotopic gas imprints that refer directly to transport mechanisms – such as adsorption and diffusion – are briefly reviewed in the following paragraphs.

Segregative Migration The debate about the existence or the importance of isotopic and chemical fractionation during migration (*e.g.* Prinzhofer *et al.* 2000b – and references therein) has recently passed its 40th birthday. While experimental evidence of fractionation is already conclusive and seems to be acknowledged by the majority of authors, the real issue nowadays is the extrapolation to natural systems (Prinzhofer & Pernaton 1997). Considering the processes involved, on the one hand, transport of a free gas phase entirely due to buoyancy has no impact on its molecular or isotopic composition (*e.g.* Zhang & Krooss 2001, Bouchard *et al.* 2008a,b). On the other hand, however, accompanying processes such as diffusion and adsorption-desorption may lead to molecular and/or isotopic gas fractionation that falls under the general term of segregative migration (Prinzhofer *et al.* 2000b). In fact, experimental studies by Pernaton *et al.* (1996) have shown that these two phenomena predominantly affect $\delta^{13}C$ and δD of the methane fraction during transport through porous rocks because methane is the most soluble HC in aqueous solution (see also Prinzhofer & Pernaton 1997).

Considering the potential of hydrocarbon adsorption-desorption, it has been shown by pioneering work of Friedrich & Jüntgen (1972) that coal layers preferentially adsorb (1) ethane relative to methane and (2) $^{13}C1$ relative to $^{12}C1$ by up to $\Delta^{13}C_{max} \approx 20$ ‰. Since then it has become widely accepted that a hydrocarbon gas migrating through porous rocks produces a gas that will be enriched in methane, and this methane is prone to ^{12}C enrichment with diffusion-related fractionation factors reported to range between 0 and >11‰ for water-dissolved methane dependent on experimental setup (*e.g.* Galimov 1975, Fuex 1980, Pernaton *et al.* 1996, Prinzhofer & Pernaton 1997, Zhang & Krooss 2001). Zhang & Krooss (2001) reported a steady-state equilibrium threshold for ^{13}C depletion in diffused methane that mainly varies with TOC content of the cap rock cross-section. However, non-equilibrium conditions prevail in natural environments (Risk & Kellmann

2008). A more complex behaviour than for carbon is observed for methane hydrogen isotopes, which are heavier in the first diffused gas, but finally become lighter than the source (Pernaton *et al.* 1996). In contrast to Friedrich & Jüntgen's (1972) adsorption-related isotope effects the impact of diffusive fractionation seems to be at least an order of magnitude lower for ethane compared to methane (Zhang & Krooss 2001, Lückge *et al.* 2002), presumably due to both (1) decreasing hydrocarbon solubility with increasing carbon number and (2) smaller molecular weight differences between isotopically heaver and lighter C2+ hydrocarbon species compared to methane

The relative magnitude and contribution of both adsorption and diffusion effects depends on the rock volume, TOC content, and effective porosity supplied on the gas migration pathway as well as the overall fraction of diffused gas compared to advected gas (Zhang & Krooss 2001, Prinzhofer & Pernaton 1997), but no successful quantitative approaches on associated isotope effects have yet been published (Prinzhofer *et al.* 2000b). Particular challenges for such descriptive models are variations in the methane isotope fractionation effect that result from (1) the respective interactions of methane with the rock matrix (*i.e.* relative importance of Knudsen diffusion *versus* molecular diffusion) and (2) from the variable molecular bonds between water and methane (Pernaton *et al.* 1996, Prinzhofer & Pernaton 1997). Comparably variable isotopic shifts were observed for CO_2 and also N_2 migration through dry sandstone impregnated with organic liquids (O'Leary 1984, Cerling *et al.* 1991, Hoering & Moore 1958).

Established advection-diffusion models were designed to track evidence of diffusive permeability contrasts *vs*. carbon isotope fractionation of hydrocarbon (HC) compounds by cross-plotting concentration *vs*. isotope ratios (Prinzhofer & Pernaton 1997; Fig. 2–7).

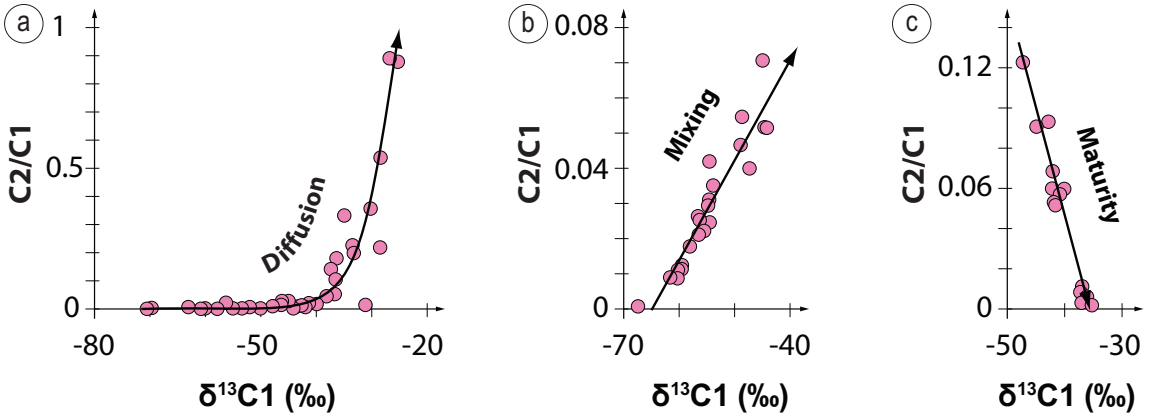


Figure 2–7 Gas chemical evolution paths associated with (a) diffusion in German coals, (b) mixing of thermogenic and microbial Apulian gases, and (c) thermogenic source maturity in gases from the Delaware Basin (graphical reproduction from Prinzofer & Pernaton 1997 – and references therein).

However, Zhang & Krooss (2001) argue that this approach is only applicable if a large fraction of the recovered methane sample has migrated via diffusion since the ascribed

^{13}C1 depletion would be obliterated if large quantities of non-diffused gas were admixed. This approach is applicable only to a limited extent to the Pliocene gas in Nile Delta for two reasons: (1) concentration ratios within the case study are extreme due to C1 dominance and are hence error-prone, and (2) there may be too many background effects on isotopic ratios involved, *e.g. in situ* microbial gas generation.

Alternatively, subtraction of the microbial methane fraction from the sampled gas data will be demonstrated to yield a key indicator for deciphering gas mixing mechanisms. Moreover, the role of diffusive HC loss will be investigated with the aid of a newly designed saturation model in Part III.

Synopsis of Chapter 2 The principles of thermogenic gas generation from organic matter in deep source rocks are well understood. In contrast, environmental constraints and metabolism of syntrophic microbial communities within the deep biosphere is a field of active research. Extremely low H_2S concentrations in the recovered gas samples suggest that most of the Plio-/Pleistocene hydrocarbon system is buried beyond the sulfate-reduction zone. The underlying methanogen zone incorporates archaea that produce low-molecular weight hydrocarbons (C1-C3) and have been suggested to partly collaborate with wet gas (C2+) biodegrading bacterial communities.

Isotopic evolution of both biodegraded (C2+) and thermogenic (C1+) hydrocarbons can be explained by the kinetic isotope effect (KIE). In contrast, microbial hydrocarbon waste products may have a quite narrow range of carbon isotopic ratios dependent on variations in the source composition. The primary genetic mixture of a gas can be unravelled by microbial/thermogenic end-member discrimination because evidence about sulfate-free anaerobic methane oxidation has not yet been reported in the literature. In terms of potential migration mechanisms the recognition of diffusive hydrocarbon loss in the case study may be equivocal due to the extreme methane dominance of the system.

While the identification of gas chemical migration proxies within the case study is presented in Chapter 3 a more specific well-by-well discussion under consideration of lithology and HC saturation will conclude this work in Part IV.

Chapter 3 Nile Delta: The gas story

Both seismic-scale gas accumulations and background gas concentrations as detected in the drilling fluid invoke the fundamental questions for hydrocarbon provenance and flux rates in the shallow Nile Delta petroleum system. To date petrophysical analysis has neither the power nor the resolution to decipher the genetic and secondary history of *in situ* gases. A detailed analysis of gas geochemical patterns from recovered fluid samples is therefore essential.

This chapter deals with the information that is encoded in geochemical gas fingerprints to infer general insights on the movement of gas in the subsurface. As mentioned before, detailed interpretation of the herein inferred geochemical migration tracers in context of both lithology (Part II) and gas volumetrics (Part III) is subject to Part IV of this thesis.

3.1 Data provenance and quality control

The BP Group has kindly provided analytical gas and fluid data sets from a variety of their Plio-/Pleistocene Nile Delta boreholes (Chapter 1). Compositional and isotopic analyses were conducted by Isotech Laboratories Inc. The following conventional sampling techniques were used:

Flame Ionisation Detector FID is a type of gas chromatograph (GC) that surveys the total gas (TG) concentration and composition via voltage change during combustion. It is vacuum-connected to a container ("possum belly") that collects the outflowing drilling mud prior to recycling. Measurements take place once every 30-90 seconds and yield average gas concentrations per formation volume equivalent to ~1m drillbit penetration. The high sampling rate leads to a low analytical quality: issues involve preferential methane loss and baseline shifts as a function of both flowline circulation rate and drillbit penetration rate. No isotope data is collected.

Headspace Gas HSG was sampled from the headspace of sealed cans that contain drill cuttings recovered from the shale shaker and left to diffusively equilibrate. Laboratory analyses usually include both compositional and isotope chemistry that may both be severely affected by desorption effects and diffusive methane loss during storage (*e.g.* Risk & Kellmann 2008). Sampling rates are generally low.

Isotubes Isotube data relate to laboratory analyses of mudgas samples that were

diverted from the vacuum tube that connects the "possom belly" with the FID (see above). Closed-system sampling is responsible for a much higher quality compared to HSG data. Methane to propane composition is generally similar to RFT/MDT measurements (see below) but butane and higher hydrocarbons can be depleted due to their lower vapour pressure. "Isotube in" data is sampled from the recirculated drilling mud in order to check the regular "Isotube out" samples for compositional effects of gas recycling upon reinjection into the borehole. Sampling rates vary between 3 to 60m depending on the operator and depth resolution is estimated around an average of 3m.

Repeat Formation Tester RFT such as Schlumberger's Modular Dynamics Formation Tester (MDT) are wireline tools that probe the mudcake at the borehole wall and conduct various *in situ* measurements (*e.g.* pore pressure and formation temperature) as well as collect fluid samples for laboratory analysis. Sampling rates are usually low but downhole data acquisition techniques yield the highest available quality in precision, accuracy, and resolution in terms of both analytics and reference depth (logger's depth, see Chapter 1.3). Such downhole data sets have the lowest risk of atmospheric gas contamination and therefore yield the most accurate cross section of non-hydrocarbon trace components (Fig. 3–1). Hydrogen sulfide content within the sampled temperature interval is in general very low and completely missing in case of the samples from the four priority wells B19, B20, B22, and B24 (20 samples in total, data not shown). These findings confirm that the recovered gases represent genuine samples from the methanogen zone of the deep biosphere (see Fig. 2–3) including the full spectrum of microbial mediation processes that are discussed in Chapter 2.

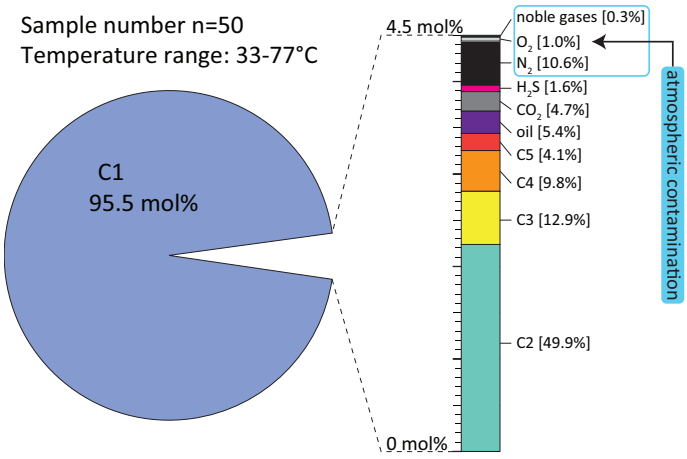


Figure 3–1 Average fluid composition of MDT samples. The presence of oxygen implies that a minor degree of atmospheric contamination has occurred before the mudcake sealed the formation from the borehole circulation fluid. Values in brackets indicate fractions of the non-methane components.

Quality Control The gas data quality of the different acquisition techniques can be assessed by comparison of the respective analytical magnitudes (Fig. 3–2). The best compromise between sampling rate and similarity to MDT reference data both in compositional and isotope values is clearly given by the Isotube (out) samples. In contrast, data from the partially desorped HSG samples are notably enriched in wet gases and up to

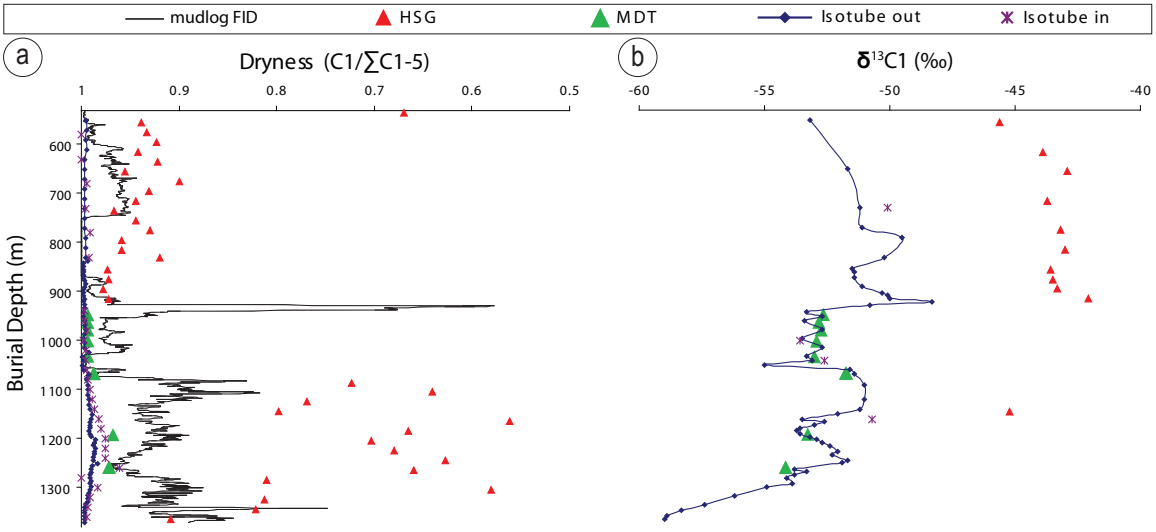


Figure 3–2 Analytical differences in both (a) hydrocarbon compositional and (b) isotopic measurements suggest that "Isotube out" samples have the highest resemblance of *in situ* MDT reference data (example from Well B19). Samples acquired from FID, HSG, and "Isotube in" methods were therefore neglected in the gas geochemical interpretations of this study.

8‰ heaver in $\delta^{13}C1$ compared to predominantly interstitial gases that were recovered by other sampling techniques (Fig. 3–2). Such observations would comply with the findings of Friedrich & Jüntgen (1972) and Whiticar (2002) of preferential wet gas and heavy carbon isotope adsorption to organic matter. Alternatively, both compositional and isotopic shifts could as well be explained by diffusive methane loss from the sample container prior to measurement, *i.e.* the degree of methane desorption upon sediment fragmentation during drilling remains unresolved in this study. Abundances of the reliable Isotube and MDT/RFT data are considered in the data overview distributions (Fig. 1–6) whereas the poor quality samples are not further considered in the remainder of this study.

Hydrocarbon compositions of the high quality gas samples are to more than 99% dominated by methane (Fig. 3–3a). Generally low wet gas concentrations demand the application of lower-limit cut-offs for quality control of associated isotope analyses. While a general minimum of 5 ppmv was chosen for medium quality isotope data good quality is expected above the following thresholds: 1000 ppmv C1 20 ppmv C2, 10 ppmv C3-5

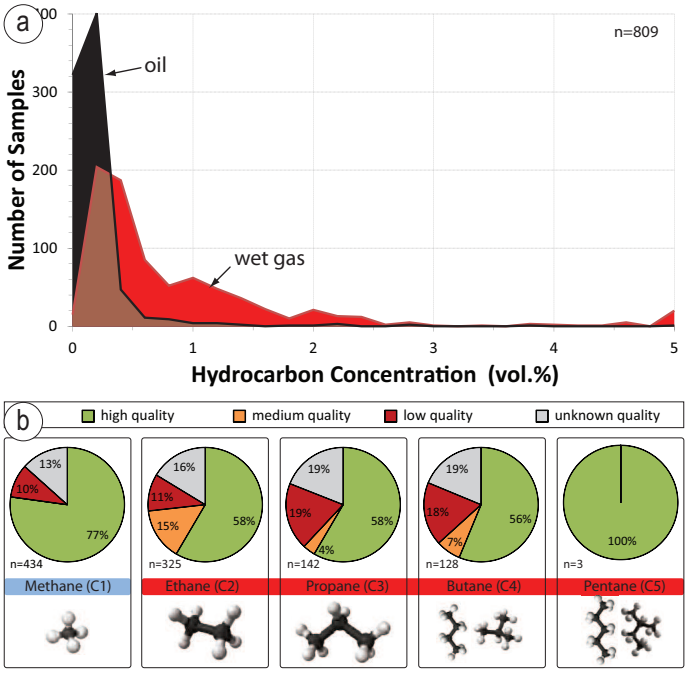


Figure 3–3 (a) Distribution of wet gas (C2-5) and oil (C6+) composition of the high quality fluid samples from the case study. (b) Carbon isotope data quality of sampled methane and wet gas as a function of lower-limit concentration cut-offs (see text for details).

(Fig. 3–3b; T. Dodd personal communication).

3.2 Mixing of genetically different gases

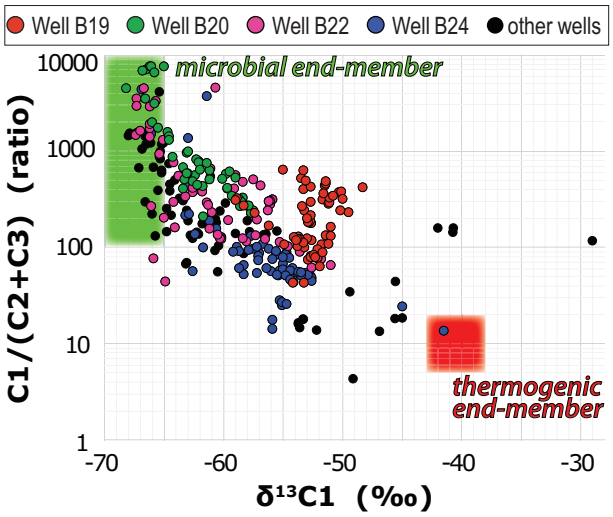


Figure 3–4 The primary origin of the entire Plio/Pleistocene gas data set can be discriminated into microbial and thermogenic gas, while genetic mixtures can be visualised in a Bernard-type diagram.

The omnipresence of a genetic gas mixture ranging between the common allocations of microbial and thermogenic gas fingerprints is shown in a classic Bernard-type diagram (Fig. 3–4; Bernard *et al.* 1978). Inevitably, quantification of these mixtures requires an adequate definition of the end-member gas fingerprints. These are a function of initial isotopic composition and maturity of the kerogen precursor.

In fact, it would be of great benefit to assess the thermogenic gas maturities along the wells. Such information would imply the relative timing of generation and entrapment, and the presence of vertical migration fronts would be spotted. Unfortunately, the pervasive microbial activity alters the isotope data to such an extent that classic gas maturity models become inapplicable (*e.g.* Berner & Faber 1996; Fig. 3–5). Accordingly, our attention must be drawn to the architecture of the shallow Nile Delta microbial system before a suitable end-member dissection of the sampled gas evolution can be established.

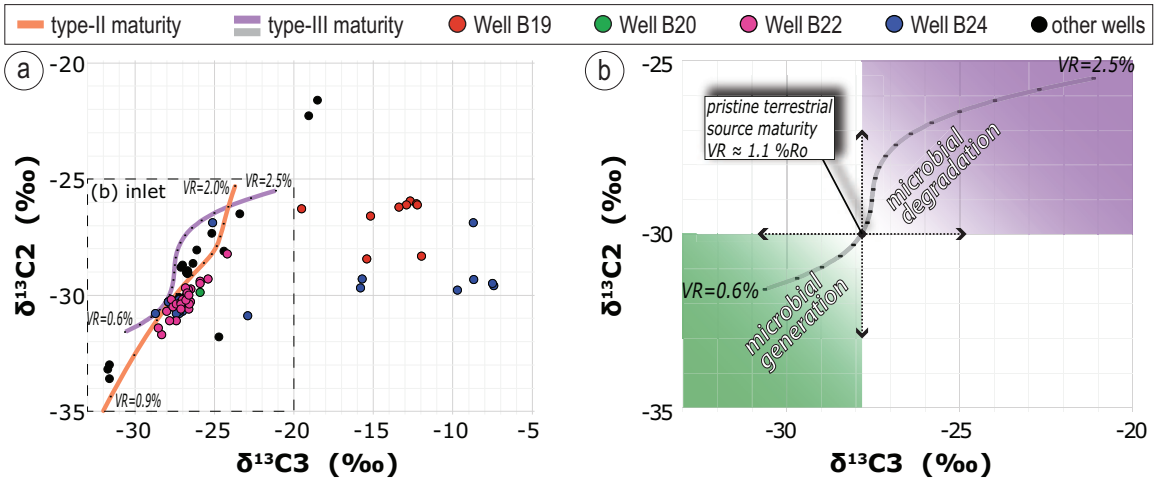


Figure 3–5 (a) Maturity pathways of type-II and type-III kerogen source rocks from the experimental model of Berner & Faber (1996) were both fitted to the bulk data set with a static source carbon isotope ratio of -29‰. The broad range of apparent thermogenic gas maturities do not comply with the narrow maturity range as proposed by δ^{13}C-iC4 ratios (see text) and Vandré *et al.* 2007. (b) Consequently, deviations from the proposedly pristine gas maturity fingerprint (~1.1 %Ro; Vandré *et al.* 2007) are allocated to substantially biodegraded gas that blends into recharge with fresh thermogenic gas and *in situ* microbial gas generation. The partial overlap of these secondary processes precludes an exact tracing of the carbon isotope alteration pathways for each individual point of the displayed bulk data set.

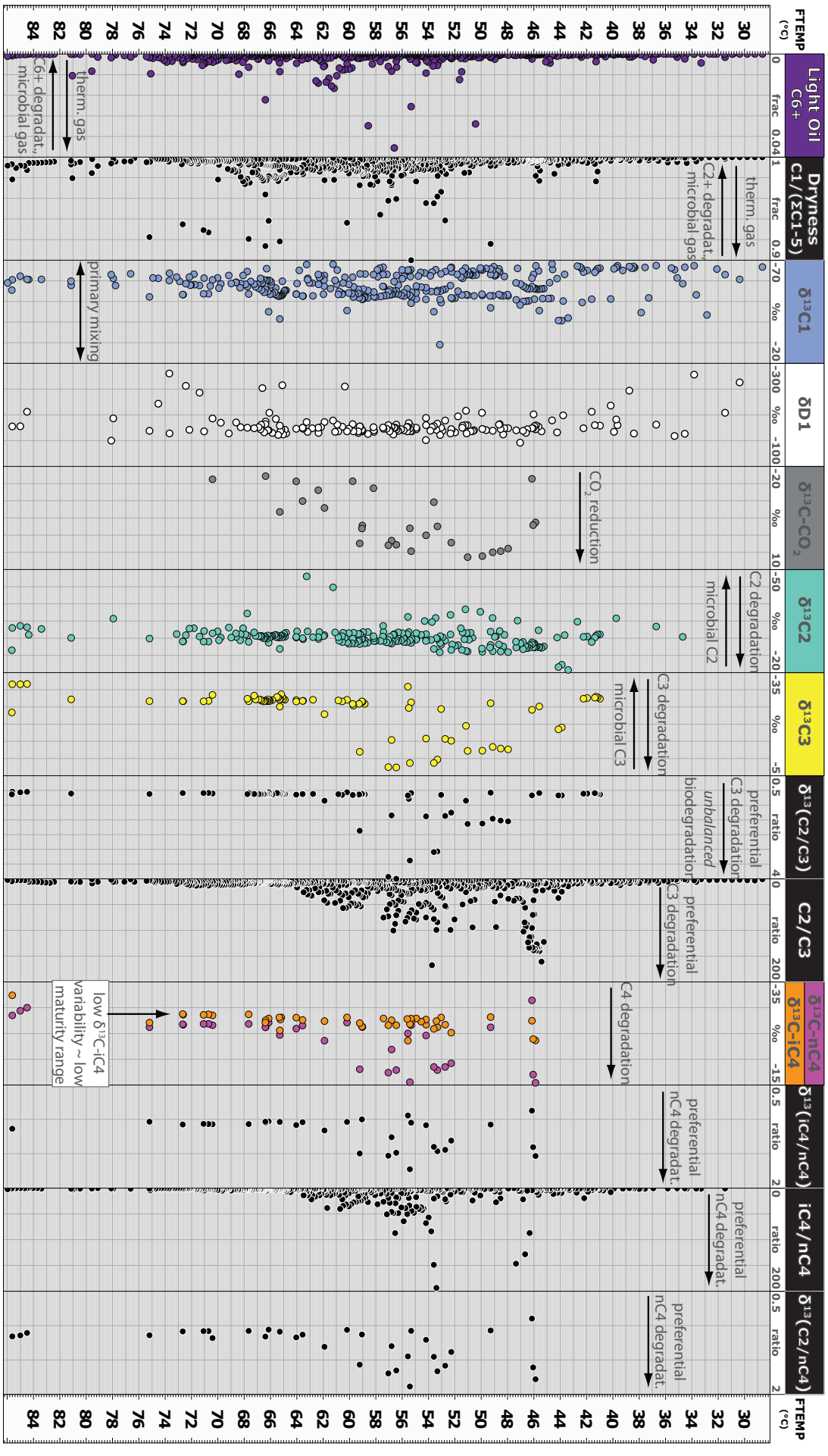


Figure 3–6 Formation temperature profiles of selected gas compositional parameters and isotope ratios from the bulk Plio-/Pleistcene data set. See text and Figure 3–7 for disambiguation of *unbalanced* (methanogenic) biodegradation and general discussion.

Evidence of microbial activity The impact of microbial activity as a function of temperature can be deduced from the relevant bulk isotope data sets in Figure 3–6. Here, the bulk of the methane hydrogen isotopic ratios (δD1) are in close proximity to the proposed maximum value for the methanogenic CO_2-reduction pathway (-170 ‰; Whiticar 1999; see Chapter 2.2). Iso-butane carbon isotopic ratios (δ^{13}C-iC4) are likewise almost constant irrespective of burial depth (~temperature) and confirm a small range of thermogenic gas maturity as suggested by Vandré *et al.* (2007) because iC4 is rather resistive to microbial attack as opposed to nC4 (*e.g.* Kniemeyer *et al.* 2007, Abrakasa 2009).

iC4-to-nC4 and especially the ethane-to-propane carbon isotope ratios visualise the maximum relative activity of C3+ biodegradation – at roughly 55°C. As discussed earlier in Chapter 2.2 such fermentative wet gas isotope overprint is traditionally associated with the gas-water contact (GWC). This classic interpretation can be confirmed by the observation that most of the degraded propane is associated with seismic-scale accumulations (Fig. 3–7a). The presence of this microbial overprint in some of the seal sections therefore implies that previously accumulated gas has entered the mudstone pore space (Fig. 3–7a). Likewise, the complete absence of palaeo-biodegradation in the Lower Pliocene accumulations implies that the pore space has been flushed with fresh gas at some point during the last ½ Ma – considering the average burial rate in this area (Chapter 1.1).

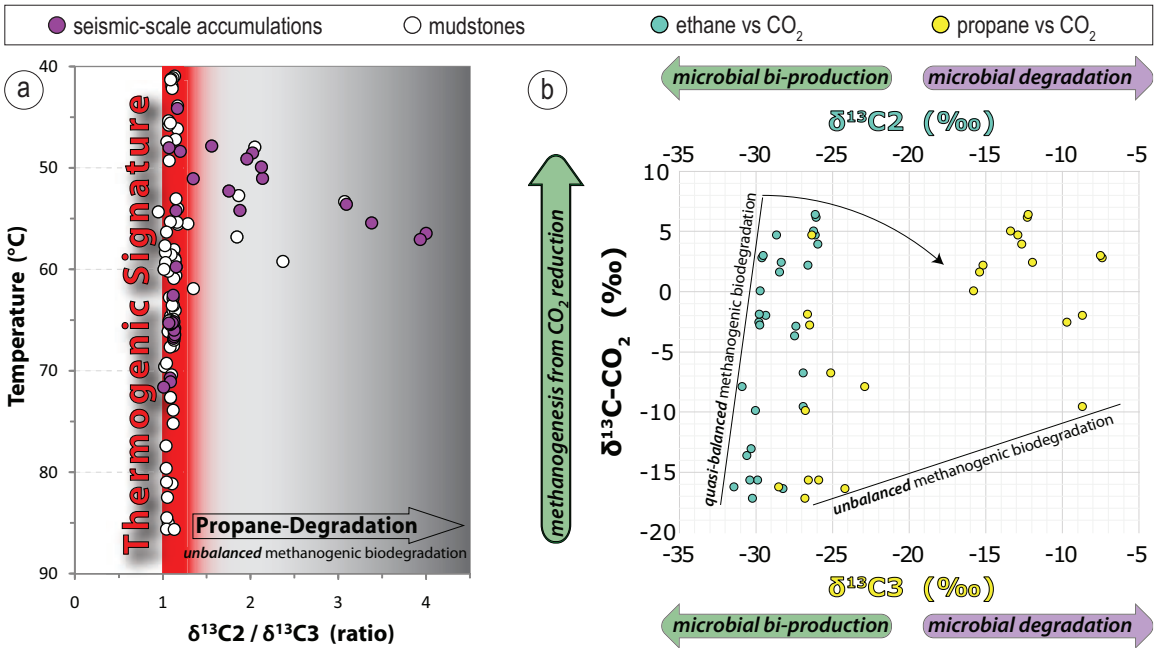


Figure 3–7 (a) Propane biodegradation focusses in accumulations and some mudstone units in the Upper Pliocene section (T<60°C). However, no such isotopic traces of palaeo-degraded gas have been measured in the Lower Pliocene. (b) The co-presence of both ^{13}C-enriched propane (from biodegradation) and carbon dioxide (from methanogenesis) confirm that syntrophic methanogenic biodegradation processes take place in the deep biosphere. As there is no evidence of isotopically light microbial propane production that would counterbalance the biodegradation isotope shift this process may be called unbalanced or normal methanogenic biodegradation. In contrast, slightly ^{13}C-enriched ethane with increasing δ^{13}C-CO_2 suggests microbial attack on ethane that is largely compensated for (*i.e.* quasi-balanced) by extremely isotopically light microbial ethane production ($\delta^{13}C2_m \leq$ -55 ‰).

Relative impact of microbial wet gas generation vs. consumption However, evidence will be presented in Chapter 3.4 of this study that indicates biodegradation of both molecular C2 and C3 as a function of temperature regime and influx mechanism of the thermogenic hydrocarbons. The remarkably high wet gas isotope ratios in Figure 3–6 and 3–7a will be allocated to a disbalance between ethane and propane degradation that is introduced by extreme molecular C3 depletion (heavy δ^{13}C3) and isotopically light C2 from prevalent syntrophic microbial generation. These considerations support the distinction between "classic" or unbalanced methanogenic biodegradation of propane (preferential C3 depletion with heavy δ^{13}C3, no counterbalance from microbial C3 production) and quasi-balanced methanogenic biodegradation of ethane (C2 depletion but mostly unaffected net δ^{13}C2 due to contemporary microbial C2 production).

There is no evidence that metabolic pathways and hence microbial community structures differ between quasi-balanced and unbalanced methanogenic biodegradation; it is just that the relative impact of the two opposing KIE of wet gas production *versus* consumption is likely to be partitioned by an extrinsic factor, fostering a disbalance at the GWC in favour of a net degradation fingerprint (heavy δ^{13}C3). In fact, extreme C3 depletion as illustrated in Figure 3–7a suggests that thermogenic recharge is currently (or has until recently been) both persistent and sufficiently high to maintain the metabolic turnover of GWC dwellers in favour of the biodegradation pathway rather than methanogenesis.

More elaborate proof on this subject will be presented later in this chapter. For the moment a first clue on the proposed quasi-balanced and GWC-independent biodegradation is given by differences in the temperature span of wet gas isotope ratios (*e.g.* δ^{13}C2/δ^{13}C3 and δ^{13}C-iC4/δ^{13}C-nC4) and their molecular equivalents (*e.g.* C2/C3 and iC4/nC4) in Figure 3–6. Further, a strong isotopic indication that the associated biodegradation mechanism is coupled to methanogenesis to variable extent is presented in Figure 3–7b.

Irrespective of the extent to which isotopic biodegradation fingerprints may be compensated for by syntrophic microbial gas generation it should be noted that the rather confined interval of unbalanced microbial activity (as emphasised in Figure 3–7a) poses a remarkable contrast to the omnipresence of microbial methane (see light δ^{13}C1 in Fig. 3–6). So the obvious question is why would there be remnants of palaeo-microbial methane at depth although there is not the slightest evidence of contemporary unbalanced biodegradation? Apart from the possibility of quasi-balanced microbial overprints it could be suggested that a significant fraction of the palaeo-microbial gas buried beyond the methogenesis temperature window is being retained in the pore space – by processes such as dissolution, adsorption and capillary entrapment – while the palaeo-biodegraded gas has been flushed out. By analogy, a similar phenomenon of microbial gas retention

would be expected to take place during reservoir leakage upon capillary failure of the seal. Either way, intrusion of unbalanced biodegraded gas into the mudstone seal sections in Fig. 3–7a must have occurred rather recently since it has not yet been overprinted by dilution effects.

Key implications for resolving the gas history So far it has been shown that microbial production and consumption effects seem to have a strong grip on the gas geochemical and isotopic composition. In contrast, pristine thermogenic gas geochemistry seems to be rather consistent owing to a low maturity range which is, however, disguised by the microbial activity in the post-Messinian sediments (Fig. 3–5). This is very useful information because a narrow thermogenic end-member allows a relatively rigid estimate of the thermogenic methane fraction for each sample, *i.e.* variations in $\delta^{13}C1$ are neither subject to differential gas maturities nor exposed to microbial attack but predominantly affected by the degree of thermogenic/microbial gas admixture. Therefore, subtraction of the microbial methane contamination from the bulk gas fingerprint based on $\delta^{13}C1$ will help to elaborate on the suspected co-existence of methanogenic and wet gas biodegrading microbes within the non-reservoir.

3.3 Isolation of primary source fingerprints

The degree of thermogenic gas intrusion along the boreholes is a direct measure of the minimum fraction of *ex situ* gas in the pore space. This chapter demonstrates how primary geochemical fingerprints from microbial and thermogenic gas generation can be dissected in order to decipher subsurface gas movement.

Microbial background production As mentioned in Chapter 2.2 the optimum temperature range for methanogenesis is 30-50°C (Zeikus & Winfrey 1976, Wellsbury *et al.* 1997). The methane carbon isotopic temperature profile of the bulk Plio-/Pleistocene gas data set indicates that the strongest microbial methane fingerprint ($\delta^{13}C1_m$ = -68‰) plots within this temperature regime and tends towards isotopically heavier C1 at greater depth (Figure 3–8). It is tempting to assume an increasing $\delta^{13}C1_m$ end-member with greater depth due to successive isotopic depletion of the source organic matter upon burial throughout and beyond the optimum methanogen window. However, methanogens under non-optimum environmental conditions would be exposed to the evolutionary pressure to economise with their energy budget and may therefore tend to have a stronger metabolic preference for the energetically favourable ^{12}C-^{12}C nutrient bonds, producing an

even lighter carbon isotopic methane than shallower methanogens. Alternatively, heavier $\delta^{13}C1_m$ below the optimum temperature window could be the consequence of decreasing metabolic rates and hence decreasing diffusion gradients across the archaean cell membrane, forcing them to feed on the organic matter fermentative products within their immediate environment which restricts their ability to select the isotopically lightest nutrients.

Since a systematic alternation of the microbial methane end-member with burial depth cannot be resolved it was decided to fix $\delta^{13}C1_m$ at the lightest measured value (-68‰) independent of temperature regime. Consequently, the temperature trend in the bulk $\delta^{13}C1$ data below the optimum methanogen activity window is allocated to decreasing *in situ* production of the same microbial gas type as above, hence suffering an increased dilution effect from isotopically heavy thermogenic methane and condensates that arrive from depth (see V-shaped data scatter in Fig. 3–8).

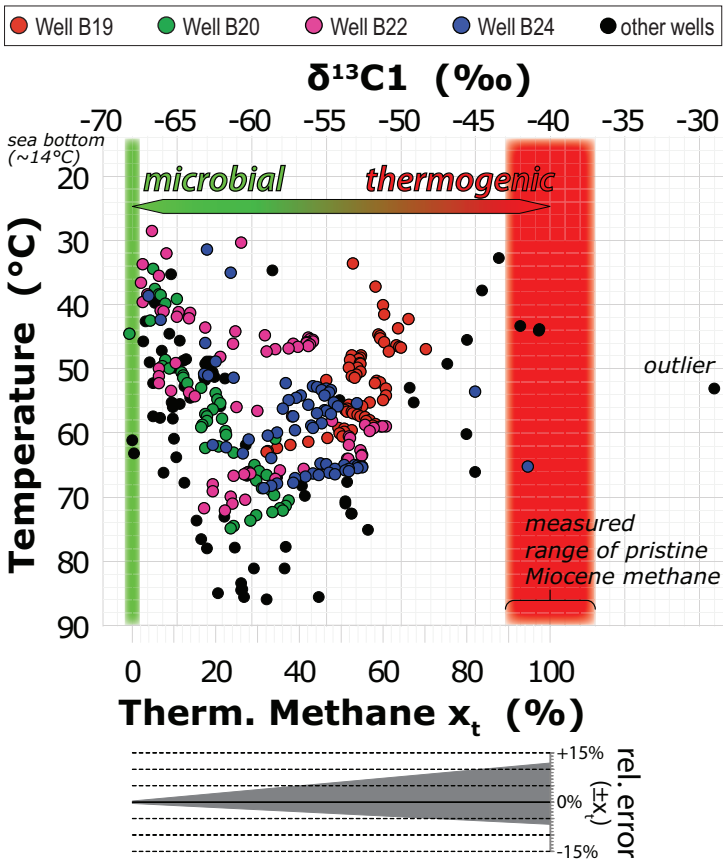


Figure 3–8 Proposed carbon isotope end-member of microbial and thermogenic methane in a binary $\delta^{13}C1$ system. Relative error of thermogenic methane fraction x_t according to end-member uncertainties (see text).

The assumption that the compositional information associated with the three lightest $\delta^{13}C1$ data points in Figure 3–8 represent pristine microbial gas allows the determination of the microbial ethane by-production. In order to avoid bias from co-evolutionary ethane biodegradation the gas sample with both the lightest methane and ethane carbon isotopic fingerprint was chosen as microbial end-member: $\delta^{13}C1_m$=-67.9 ‰, $\delta^{13}C2_m$=-48 ‰, C2=0.05 vol.%. These data fit well within the isotopic and compositional ranges of published microbial gas end-members from other gas fields around the globe as mentioned in Chapter 2.2: $\delta^{13}C1_m$ between -55 and -110‰ dependent on source composition (Whiticar 1999) whereas the lightest microbial ethane so far recovered had $\delta^{13}C2_m \approx$ -55‰ with C2 concentrations ranging between 3 ppmv and 0.9 vol.% (Davis & Squires 1954, Oremland *et al.* 1988, Lückge *et al.* 2002).

Admixture of thermogenic gas As presented in the last chapter the uncertainties in the extent of *in situ* microbial fermentation within the Plio-/Pleistocene stratigraphy have the potential not only to overwrite but also to mimic the effects of thermogenic source maturity. Pristine thermogenic gas end-members can therefore only be estimated under the assumption of a narrow maturity range for the western Nile Delta area as implied by the very low δ^{13}C-iC4 variability (Fig. 3–6).

Unpublished Miocene gas data have pristine (thermogenic) $\delta^{13}C1_t$ values around -38 ‰ with some lower values down to -43 ‰, $\delta^{13}C2_t \approx$ -28.5 ‰, and $\delta^{13}C3_t \approx$ -26.5 ‰ (T. Dodd personal communication).

Choosing the average Miocene δ^{13}C1 fingerprint of about -40 ‰ would result in a systematic error of roughly ±3 ‰, which translates into an accuracy of roughly ±10 % thermogenic gas content (see Fig. 3–8) given the entire genetic δ^{13}C1 range of Δ^{13}C1 = 28 ‰ between the apparent microbial end-member ($\delta^{13}C1_m$ = -68 ‰) and the average thermogenic end-member ($\delta^{13}C1_t$ = -40 ‰). The formula for linear mixing between the two genetic end-members is as follows:

$$x_t\,[\text{frac}] = (\delta^{13}C1 - \delta^{13}C1_m) / (\delta^{13}C1_t - \delta^{13}C1_m) \qquad \textit{(3a)}$$

with x_t being the fraction of thermogenic gas per sample. The aforementioned accuracy for this estimate will suffice as a reasonable translation of the gas genetic fingerprint into the volumetric partition of each gas sample between the two genetic sources involved.

3.4 Patterns of hydrocarbon generation and recycling

Equation 3a enables a back-stripping of the microbial methane contribution from molecular methane concentrations of the sampled gas genetic mixtures, leading to an isolation of thermogenic methane concentration $C1_t$ (Equ. 3b).

$$C1_t\,[\text{vol.\%}] = C1 \cdot x_t \qquad \textit{(3b)}$$

When working with concentration data it is important to appreciate that absolute values refer to the sampled bulk mixture of natural hydrocarbons, formation water, and borehole circulation fluids. Since the degree of sample contamination with borehole fluids is unknown (for isotube data) the only sensible way to analyse hydrocarbon concentrations is to use relative concentrations in form of molecular ratios (*e.g.* C1/C2 or C1/(C1+C2) etc.). A cross-plot of thermogenic methane concentrations from Equation 3b *versus* ethane concentrations reveals a range of distinct ratios that are roughly a function of temperature regime (Fig. 3–9).

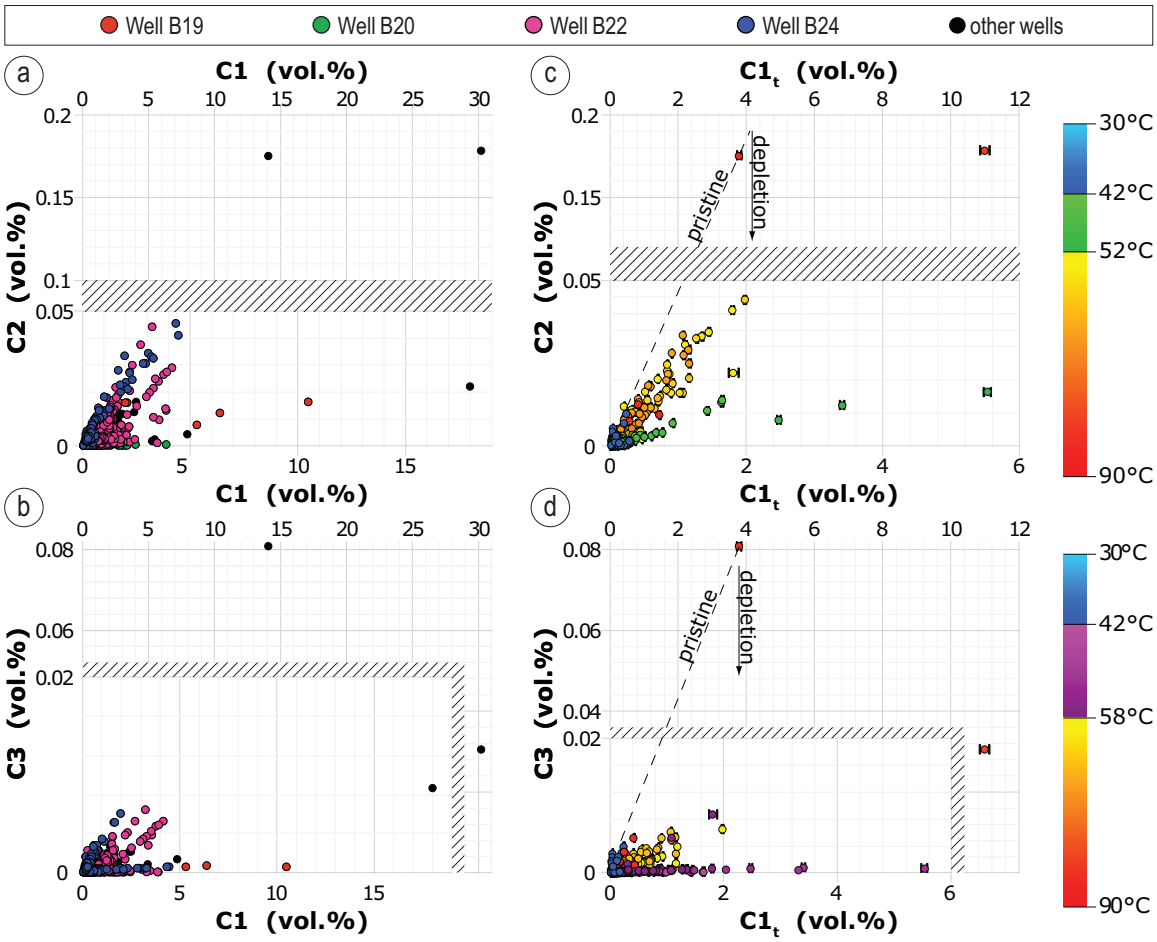


Figure 3–9 Ratios between (a) ethane and methane concentrations and (b) propane and methane concentrations converge (c,d) upon isolation of thermogenic methane $C1_t$ roughly as a function of temperature regime. The temperature windows for propane depletion differ from those for ethane depletion. Under consideration of the uncertainties exhibited by the very large scale discrepancies (see different magnitudes of x/y-axis annotations) such unique ratios can be interpreted as the compositional overprint of a restricted thermogenic gas maturity by stabilising processes such as biodegradation-vs.-recharge rate balance. Analoguous suggestions were made in the work of Tyler *et al.* (1994; see text). Error bars according to uncertainties stated in Chapter 3.3.

A similar pattern although with even stronger consistency is displayed when plotting measured C3 *versus* C2 concentrations (Fig. 3–10), confirming that the isolation of thermogenic gas by Equations 3a and 3b on the basis of the chosen gas genetic end-member definitions is a valid procedure. The suggested temperature stratifications in the bulk data set imply a likewise stratified distribution of wet gas biodegrading microbes which activity co-depends on the rate of thermogenic (wet) gas charge. Consequently, the petroleum system of the Plio-/Pleistocene Nile Delta is at least partially in balance with the activity of deep microbial communities.

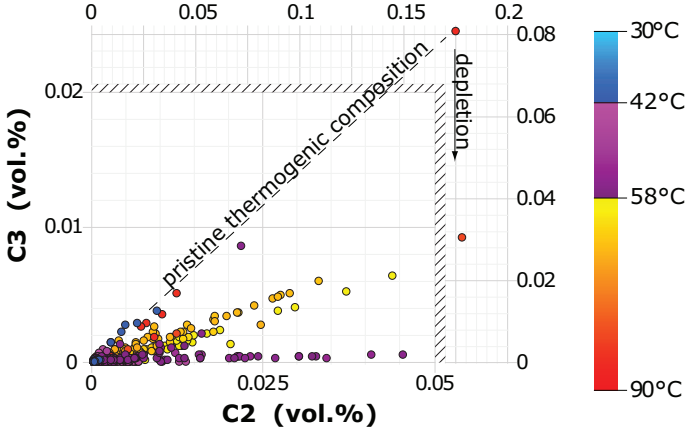


Figure 3–10 The suggested temperature trends are clearer in the case of measured ethane (C2) and propane (C3) concentrations because of rather similar scales as opposed to the large methane quantities in Figure 3–9.

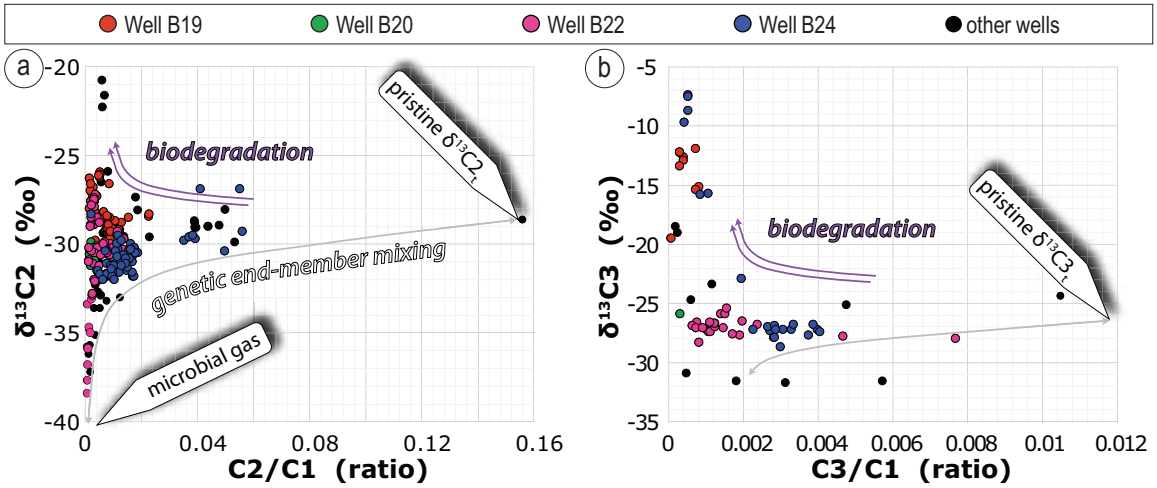


Figure 3–11 Co-evolution of carbon isotopic and compositional wet gas data from the Plio-/Pleistocene Nile Delta. ^{13}C enrichment upon compositional depletion indicates biodegradation while ^{13}C depletion is interpreted as dilution of the primary thermogenic fingerprint by microbial gas admixture (and *vice versa*). Heavy carbon isotopic overprints from wet gas biodegradation seem only noticeable after very strong compositional depletion. Likewise, the very low (trace) concentrations of microbial wet gas will be responsible for the delayed tendency towards lower (*i.e.* microbial) $\delta^{13}C2$.

Further, under consideration of the $\delta^{13}C2$ evolution as a function of relative C2 concentration C2/C1 (Fig. 3–11) it becomes clear why the apparent wet gas compositional stratification is not recognised in equivalent isotope patterns: isotopic ratios increase only significantly when most of the wet gases (in this case C2 and C3) have already been removed from the system. As anticipated in Chapter 3.2, these observations confirm that $\delta^{13}C2$ biodegradation fingerprint is partly compensated for by isotopically light microbial ethane by-production. Such mutual quasi-extinction of opposing kinetic isotope shifts – microbial ethane degradation *versus* syntrophic microbial ethane by-production (see bold arrows in Fig. 3–7b) – (1) yields a logical explanation for the poor recognition of ethane biodegradation in the literature (*e.g.* Pallasser 2000) and (2) challenges Kinnaman *et al.*'s (2007) hypothesis of preferential microbial cracking of hydrocarbons that comprise non-terminal C-atoms (C3+ chains).

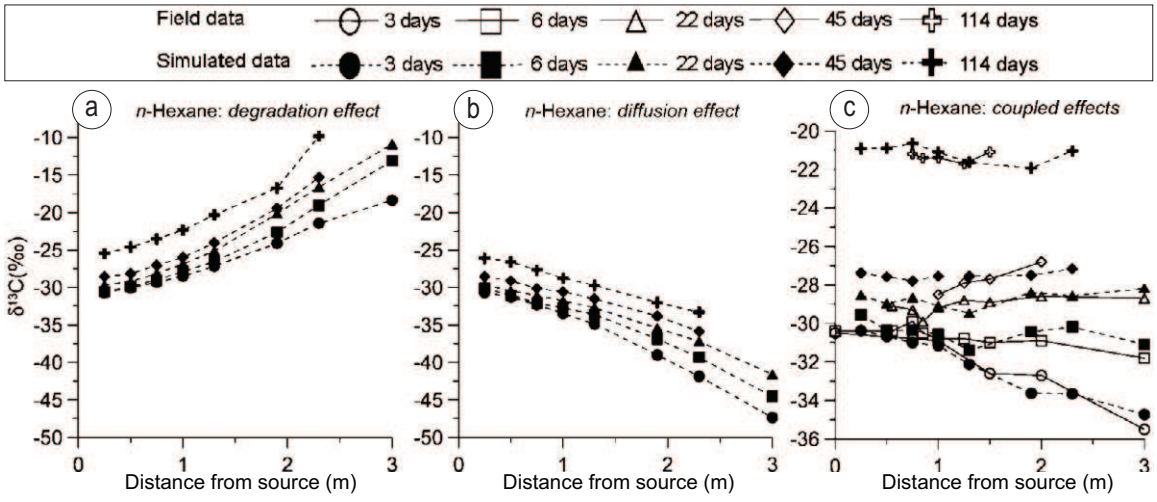


Figure 3–12 A study from Bouchard *et al.* (2008a,b) shows that the modelled carbon isotope evolution of n-Hexane for (a) aerobic biodegradation and (b) diffusion overlap to (c) a quasi-steady state bulk signal that is in accordance to the measured isotope path (open symbols). Adopted from Bouchard *et al.* 2008a.

In the literature, a similar isotopic compensation effect between (aerobic) biodegradation and molecular diffusion has been described by Bouchard *et al.* (2008a,b) on the basis of a field experiment with light petroleum compounds in the unsaturated groundwater zone (Fig. 3–12). Further, it has been shown by Tyler *et al.* (1994) that the rate of aerobic methane oxidation (MO) in temperate soils is largely controlled by the rate of diffusive methane influx, implying a likewise balanced biodegradation-*vs*.-charge hydrocarbon turnover.

Compositional biodegradation fingerprints It becomes more and more clear that diffusive segregation of hydrocarbons within the deep biosphere is strongly coupled to and largely controlled by microbial alteration as the incompatibility between free gas transport and microbial accessibility has repeatedly been suggested by various field studies, *e.g.* in case of ebullitive gas transport through the aerobic zone of shallow marine sediments (Grant & Whiticar 2002) or as the cause for steepened hydrocarbon (nutrient) concentration gradients down towards the base of commercial petroleum accumulations (Jones *et al.* 2008).

The implied coupling between microbial overprints and a diffusive hydrocarbon migration mechanism allows a quantification of the extent to which the sampled gas has been exposed to microbial wet gas degradation in order to unravel the migration history of borehole gas profiles. It has been demonstrated that wet gas carbon isotopes may indicate excessive unbalances between microbial generation and consumption processes (*e.g.* Fig. 3–7a). However, the comparatively vague isotopic shifts that are allocated to quasi-balanced methanogenic biodegradation (*e.g.* Figs. 3–7b and 3–11) must be emphasised by molecular compositional proxies that reflect the temperature trends in Figures 3–9 and 3–10. A first step towards this goal is the determination of pristine wet gas compositions of the original thermogenic and microbial end-members.

Since the microbial production of propane (and presumably higher hydrocarbons) has only recently been discovered (Hinrichs *et al.* 2006) the ethane fraction in a binary methane-ethane system C2/(C2+C1) is considered the best indicator for the extent of biodegradation. The pristine thermogenic ethane concentration can be deduced from a linear extrapolation of the wettest gas samples towards the thermogenic isotope fingerprint (Fig. 3–13) because these gases are most likely to represent an advective transition between the two genetic gas end-members. The linear nature of the trendline in 3–13 is in agreement with the models of Prinzhofer & Pernaton (1997; see Fig. 2–7). The resulting ~11 vol.% $C2_t$ as an average composition of unaltered pristine thermogenic hydrocarbons agrees with gas data sampled from the abiogenic zone of the sub-Messinian stratigraphy

(unpublished data courtesy of T. Dodd personal communication).

Determination of the missing or depleted ethane content $C2_x/(C2_x+C1)$ – *i.e.* the relative ethane fraction x that has been removed from the system by processes such as biodegradation – is a straight forward procedure under consideration of mass balance between the binary mixtures of microbial gas ($C1_m+C2_m$) and thermogenic gas ($C1_t+C2_t$) that are exposed to wet gas depletion ($C2_x$):

$$C1\ [vol.\%] = C1_m + C1_t \qquad (3c)$$

$$C2\ [vol.\%] = C2_m + C2_t - C2_x \qquad (3d)$$

The compositional ethane end-members as a fraction of microbial and thermogenic methane content are expressed as follows:

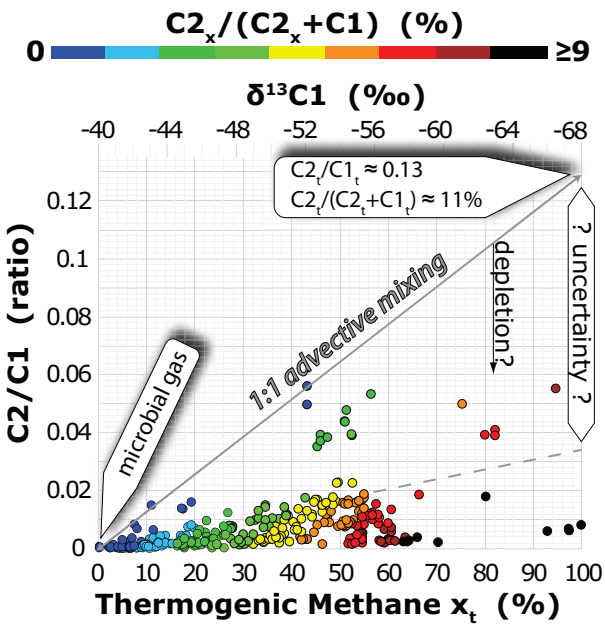


Figure 3–13 Extrapolation of the unaltered advective gas mixture yields the pristine thermogenic ethane composition $C2_t/(C2_t+C1)$ = 11% that allows the determination of the missing or depleted wet gas $C2_x/(C2_x+C1)$ (Equ. 3h; see text for uncertainties). The linear nature of the mixing trendline is in agreement with the models of Prinzhofer & Pernaton (1997; see Chapter 2.3).

$$C2_m\ [vol.\%] = 0.0005 \cdot C1_m \qquad (3e)$$

$$C2_t\ [vol.\%] = 0.11 \cdot C1_t \qquad (3f)$$

Equations 3e and 3f yield the expected maximum ethane composition $C2_{max}/(C2_{max}+C1)$ for each sample as a function of its individual gas genetic fingerprint:

$$C2_{max}/(C2_{max}+C1)\ [frac] = (C2_m + C2_t) / 100 \qquad (3g)$$

This relation allows an estimate for the extent of ethane depletion $C2_x/(C2_x+C1)$ in the binary methane-ethane system:

$$C2_x/(C2_x+C1)\ [frac] = C2_{max}/(C2_{max}+C1) - C2/(C1+C2) \qquad (3h)$$

On the basis of this simple end-member calculation the theoretically or apparently missing ethane concentration from Equation 3h (see also colour-code in Fig. 3–13) would be expected to illustrate the influence of biodegradation on the primary genetic isotope mixing between the species involved. However, the biodegradation pattern in Figure 3–14 is inconsistent with the expectations because a depletion of molecular C2 that is coupled to increasing thermogenic isotope signature seems unlikely. The conclusions drawn from this theoretical experiment are that either (1) most of the thermogenic gas that arrives in the Plio-/Pleistocene deep biosphere is already depleted in wet gas by an unknown proc-

ess or (b) the thermogenic ethane compositional end-member of ~11% is not consistent throughout the case study but rather refers to the most immature hydrocarbons that were analysed.

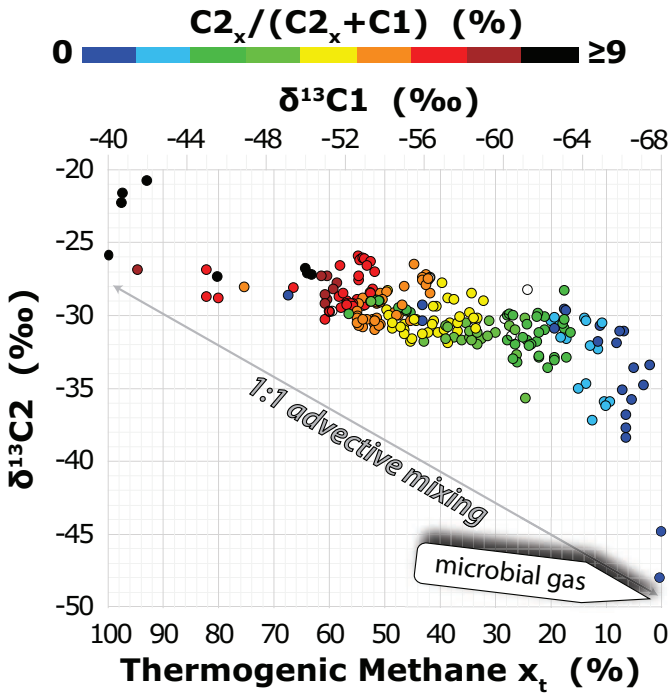


Figure 3–14 Evidence of variations in the natural ethane content of thermogenic gas. The allocation of 11% ethane to the pristine thermogenic gas end-member appears to be invalid because the hereby calculated missing or depleted ethane concentration $C2_x/(C2_x+C1)$ from Equation 3h is unlikely to be a function of thermogenic gas fraction. In contrast, the $\delta^{13}C1$-based model for gas genetic mixtures is confirmed by the convergence of the data scatter towards the pristine $\delta^{13}C2_t$ fingerprint from the sub-Messinian gases ($\delta^{13}C2_t \approx$ -28.5‰). See text for nature of data deviation from the theoretical 1:1 advective mixing line.

A more conclusive feature of Figure 3–14 is the power law curvature of the gas genetic mixing trend. A possible explanation would be that lower diffusivities of C2 relative to C1 molecules lead to an unbalanced or differential $\delta^{13}C2$ *vs.* $\delta^{13}C1$ isotope shift (*e.g.* Zhang & Krooss 2001), *i.e.* the entire petroleum system has a gas geochemical overprint from diffusive migration. However, these considerations neglect the differences in initial ethane compositions of the thermogenic and microbial gas end-members. Even if the admixing thermogenic ethane concentration varies between roughly 3-11% (Fig. 3–13) the most methane rich thermogenic injection into the methanogenic zone of the deep biosphere has a 40-fold higher ethane content as *in situ* microbial gas ($C2_m$ = 0.05%). Consequently, the migrating thermogenic gas must be exposed to a significant extent of dilution by its microbial counterpart before the light $\delta^{13}C2_m$ has a noticeable effect on the bulk isotope ratio of the gas mixture.

For example, a 1:1 admixture of gas with 2% thermogenic C2 ($\delta^{13}C2_t$ = -28.5 ‰) and 0.05% microbial C2 ($\delta^{13}C2_m$= -48 ‰) will result in a bulk carbon isotope fingerprint of -29.0 ‰, *i.e.* the microbial effect in this conservative calculation is already close to the order of the isotope measurement error (~0.1 ‰). A linear $\delta^{13}C2$ *vs.* $\delta^{13}C1$ transition between the two genetic gas types would therefore be expected only if they had the same ethane concentration (grey line in Fig. 3–14) given that gas mixing by advective flow itself has no superimposing segregative isotope effect (*e.g.* Zhang & Krooss 2001, Bouchard *et al.* 2008a,b; see Chapter 2.3).

Migration fingerprints It is understood that a quantitative biodegradation model that is based on molecular C2 end-member calculations (Equs. 3e-h) shows no causal validity in terms of their isotopic equivalents (Fig. 3–14) due to a natural variation in both primary microbial and thermogenic C2 generation.

In an alternative approach, re-evaluation of the previous wet gas depletion study by relating the measured molecular C2 concentration to the modelled thermogenic $C1_t$ concentration (Equ. 3b) is found to yield a more rigid proxy for biodegradation (Fig. 3–15a): wettest samples are associated with the lightest $\delta^{13}C2$ if more than ~30% thermogenic gas is involved. Ethane isotopes of this non-degraded mixing trend are only affected beyond 90% microbial gas contamination (x_t<10%) which is in agreement with the previous argumentation: mixing of genetic end-members with unequal molecular ethane fraction will deviate from a 1:1 mixing line (Fig. 3–14).

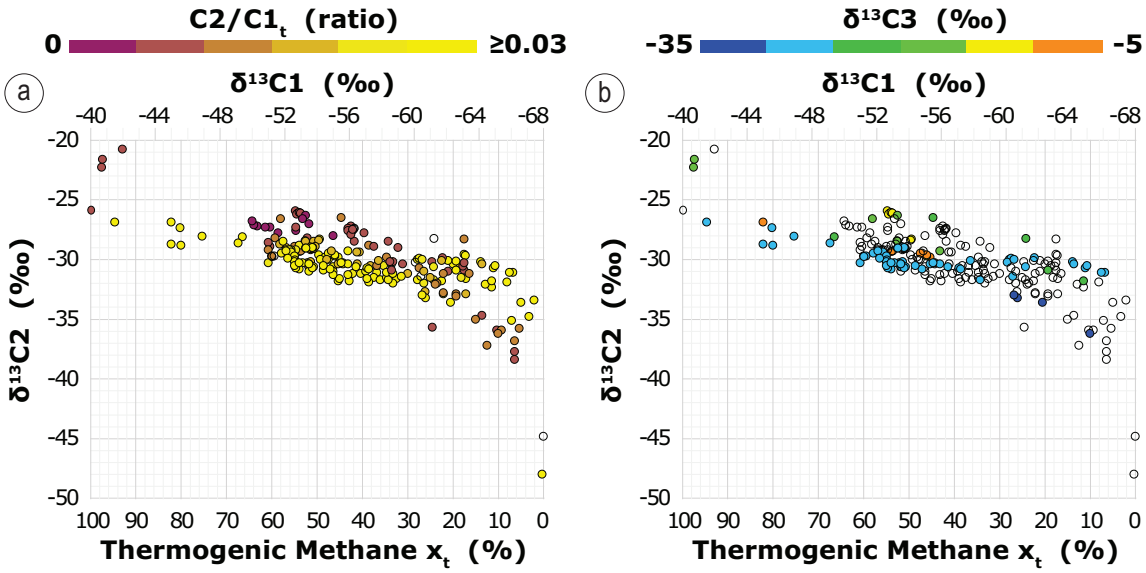


Figure 3–15 Both (a) modelled thermogenic gas ratios and (b) measured propane carbon isotopic ratios support a discrimination between methanogenic biodegradation effects and largely unaltered mixing between the two primary gas genetic end-members. Very heavy $\delta^{13}C3$ between the two trends (orange points in b) imply unbalanced biodegradation imprints during migration across the gas-water contact (GWC) of hydrocarbon accumulations.

It is understood that $\delta^{13}C3$ of this proposed quasi-linear mixing trend is not visibly affected (Fig. 3–15b) because biodegraders cannot access a migrating free gas phase (Chanton *et al.* 1992, Grant & Whiticar 2002), *i.e.* both linearity and lack of biodegradation indicate an advective flow system for the gas samples that plot in the vicinity of this trendline (dashed in Fig. 3–16a).

In contrast, the compositionally dry thermogenic gas trend (low $C2/C1_t$ ratios) in Figure 3–15a complies with the features of (1) biodegraded gas (relatively heavy $\delta^{13}C2$ and $\delta^{13}C3$ above 30% thermogenic gas content) on the one hand and (2) strong imprints of microbial gas generation (exceptionally light $\delta^{13}C2$ and $\delta^{13}C3$ below 30% thermogenic gas content; see also Fig. 3–15b) on the other hand. It is therefore proposed that this "dry"

trend is controlled by metabolic mediation of syntrophic microbial communities that require a diffusive environment (pink line in Fig. 3–16a). The methanogenic isotope fingerprint dominates below 30% thermogenic gas contamination presumably because wet gas biodegraders lack nutrient supply and may fall dormant, starve, or never even colonised the associated stratigraphy. This diffusive microbial equilibrium is considered responsible for the rough temperature stratification in the hydrocarbon concentration ratios as presented earlier (Figs. 3–9 and 3–10) while the "wet" advective trend accounts for deviations from such diffusively equilibrated conditions.

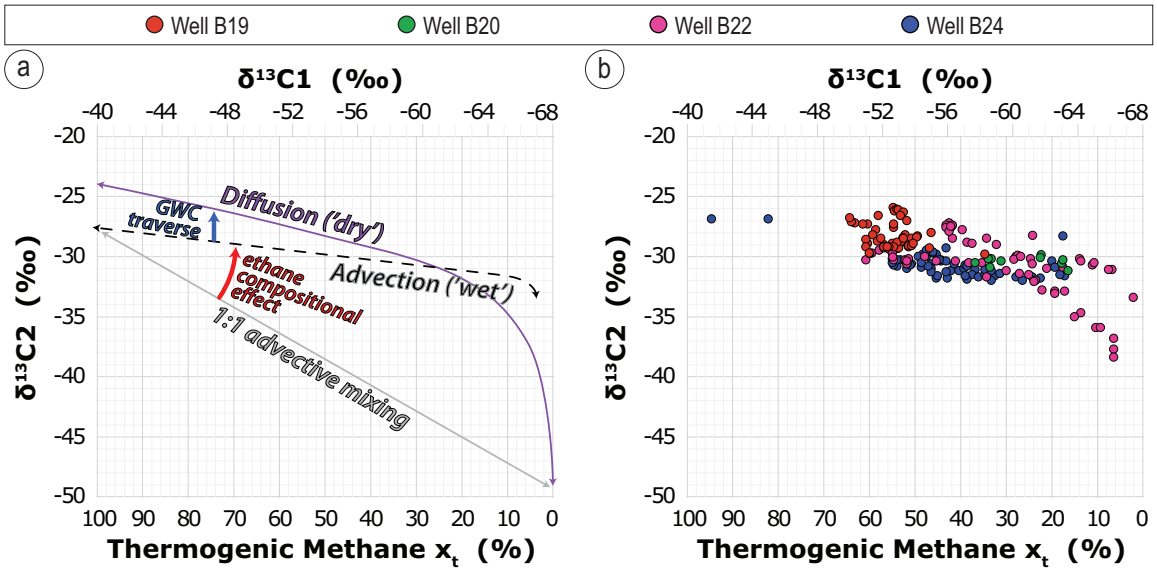


Figure 3–16 (a) Interpretation of the distinct trend lines in the previous figures ("wet" vs. "dry" gas composiitons) on the basis of microbial inaccessibility to free gas phases and the reasoning of Prinzhofer & Pernaton (1997; see Chapter 2.3). Deviation of the actual advective mixing line (dashed) from the hypothetical 1:1 advective mixing trend is due to inferior ethane concentrations of the microbial gas end-member (see text). Note that the microbially mediated crossing of the gas-water contact (GWC traverse, blue arrow) has a unidirectional impact on gas chemistry because advective flow does not overprint such inheritant diffusion and (unbalanced) biodegradation fingerprints (see text). (b) Undistinguished gas samples from the four priority wells (see text for discussion).

It is possible to annotate the apparent advection and diffusion trends to the measured data under the reasonable assumption that the net migration pathway of the thermogenic fraction is directed towards the sediment interface at the Mediterranean sea bottom. However, it must be noted that the diffusive/microbial imprint on the gas data is a unidirectional phenomenon that may only be reset by advective dilution with unaltered gases (see caption of Fig. 3–16a).

Alternative interpretation It should be mentioned that there is at least one reasonable anti-hypothesis for parts of the aforementioned argumentation. The steep inclination of the previously identified diffusion trend towards the microbial isotope fingerprint (below 20% thermogenic methane in Fig. 3–16a) could as well be an artefact of advective mixing between primary microbial gas and secondary dry thermogenic gas that was previously biodegraded exclusively at the GWC. Stripping off most of the C2+ components at the

base of accumulations produces a new mixing end-member for microbially generated gas that is in compositional alignment. Hence, advection between biodegraded thermogenic gas and pristine methanogenic gas would be expressed by a straight line in the $\delta^{13}C1$ *vs.* $\delta^{13}C2$ with a similar slope as the 1:1 advective mixing line (Fig. 3–17a).

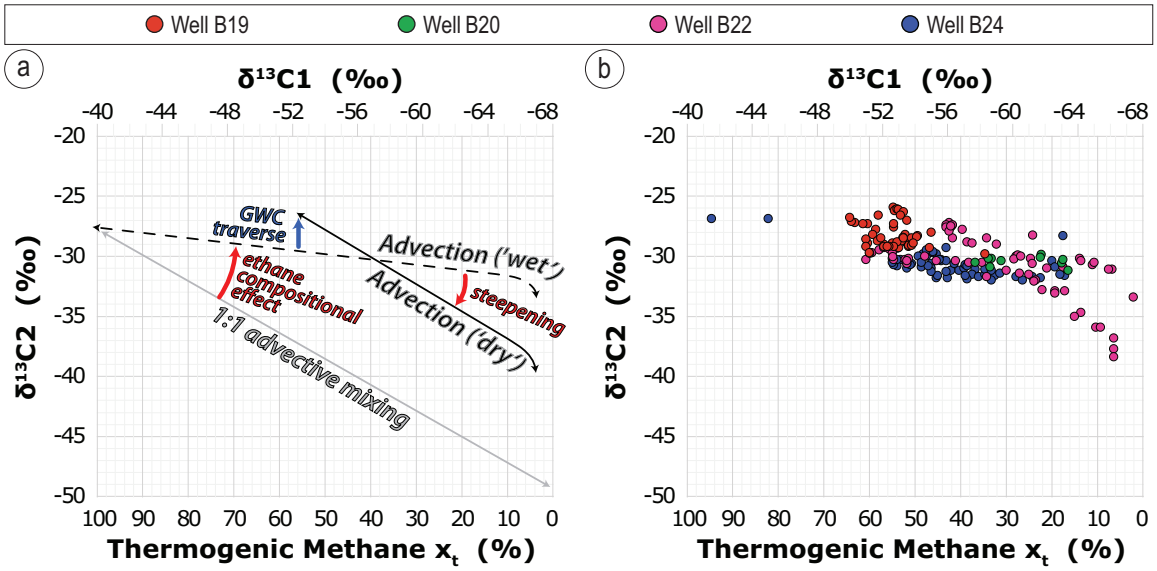


Figure 3–17 (a) Alternative interpretation of the characteristic "dry" mixing trend in Figure 3–15a. Molecular ethane depletion by exclusive wet gas biodegradation at the gas-water contact (GWC) would introduce a steepening of the unaltered ("wet") advective mixing trend (downwards-directed red arrow). The schematic Figure examplifies a mixing trend that has a similar slope as the hypothetical 1:1 advective mixing line (grey), *i.e.* in this example biodegraded ethane concentrations would have a similarly low magnitude as the microbial ethane biproduct. (b) Undistinguished gas samples from the four priority wells (see text for discussion).

Likewise, this alternative scenario would yield an explanation why the lightest $\delta^{13}C3$ data points (dark blue dots in Fig. 3–15) plot on such steep advective trend: the trace concentrations of isotopically light microbial propane ($C3_m$) have a perceivable impact on the admixed $\delta^{13}C3$ ratio because the biodegraded mixing partner is comprehensively depleted in thermogenic propane ($C3_t$). However, such considerations about the secondary evolution of C3 isotope ratios would also comply with the diffusive-methanogenic-biodegradation scenario that was outlined in Figure 3–16a.

The skewed isotope mixing effect between gas genetic end-members of differing hydrocarbon composition can be demonstrated by the application of a simple advective mixing model (Equs. 3i-k).

$$\delta^{13}C1_{mix}\ [‰] = \delta^{13}C1_m - C1_t / (C1_t + C1_m) \cdot (\delta^{13}C1_m - \delta^{13}C1_t) \quad \textit{(3i)}$$

$$\delta^{13}C2_{mix-t}\ [‰] = \delta^{13}C2_m - C2_t / (C2_t + C2_m) \cdot (\delta^{13}C2_m - \delta^{13}C2_t) \quad \textit{(3j)}$$

$$\delta^{13}C2_{mix-d}\ [‰] = \delta^{13}C2_m - C2_d / (C2_d + C2_m) \cdot (\delta^{13}C2_m - \delta^{13}C2_d) \quad \textit{(3k)}$$

Such hypothetical ("ideal") mixing trendlines between (1) thermogenic gas *vs.* microbial gas mixing and (2) C2-biodegraded gas *vs.* microbial gas mixing can be fit to the measured $\delta^{13}C1$ *vs.* $\delta^{13}C2$ data points by systematic trial-and-error modification of the

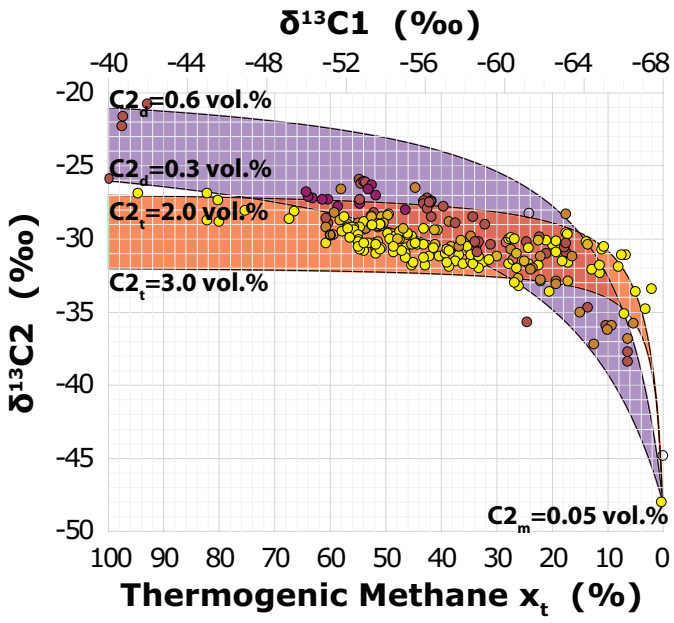


Figure 3–18 Example fit between simple advective mixing model trendlines (Equs. 3i-k) and measured carbon isotope data from the Nile Delta. The pink area represents the range of the biodegraded-vs.-microbial gas mixing and the red area refers to the thermogenic-vs.-microbial gas system.

proposed end-member fingerprint (Fig. 3–18).

Certainly, discrimination between the "wet" advective mixing trend of pristine genetic end-members and the ominous "dry" mixing trend is vital for the interpretation of the hydrocarbon migration history along gas-sampled borehole intervals. In terms of the data priority wells from the two case studies (Chapter 1.2), gas samples from Wells B20 and B24 plot mostly on the "wet" advective trendline (Figs. 3–16b and 3–17b). In contrast, B19 and B22 exhibit alternating "dry" diffusive/advective and "wet" advective elements with either constant gas genetic mixture at various unbalanced biodegradation stages (B19) or strong mixing gradients (B22).

However, allocation of the suffix "advection" or "diffusion" to the "dry" mixing line must be accomplished in the context of both lithology (Part II) and relative volumetrics of free gas and brine in the pore space (Part III). An elaboration on the spatial distribution of gas-geochemical migration indicators along the borehole profiles will be a major contribution to the synthesis in Part IV of this thesis.

Synopsis of Chapter 3 Unravelling natural gas migration mechanisms and pathways in the Pliocene strata of the western Nile Delta fan is a major challenge due to the ubiquitous occurrence of locally generated microbial gas (~99.7% methane, C1). The arrival of thermogenic gas (>90% C1) from a deep source rock results in gases which generally contain >98% C1. In addition, there is evidence for combined methanogenesis (light $\delta^{13}C1$, heavy $\delta^{13}C_{CO2}$) and wet gas biodegradation (C2+ depletion).

Both mixing effects and microbial recycling severely restrict the application of classic carbon isotope models for thermogenic gas maturity assessment (*e.g.* James 1983, Clayton 1991, Berner & Faber 1996). However, the apparent absence of isotope effects that are associated with anaerobic oxidation of methane (AOM) allows a rough partition of the hydrocarbon gas mixture into its genetic components by a coupled methane isotope-

and-concentration end-member model. Variations in thereby isolated thermogenic gas properties relate to formation temperature and result from biodegradation rather than maturity.

Ethane carbon isotopic biodegradation fingerprints (abnormally heavy $\delta^{13}C2$) are largely concealed by the co-production of isotopically light microbial ethane, introducing the term *quasi-balanced* methanogenic biodegradation. Further, the causal link between a herein proposed discrimination of "dry" diffusive from "wet" advective gas genetic mixing trends in the combined analysis of methane and ethane compositional and isotopic data is based on (1) various literature reports that microbial attack on free gas phases is hindered by restricted physical access and (2) segregative isotope fractionation as a consequence of differences in methane and ethane diffusivity (Prinzhofer & Pernaton 1997; see Fig. 2–7).

These findings support the idea of a widely present coupling between both methanogenic and biodegrading microbial communities. These exhibit strong carbon isotopic disbalances at gas-water contacts (GWC) where nutrient supply is in favour of the biodegrading metabolism. However, extensive wet gas depletion from microbial activity at the GWC produces a secondary "dry" thermogenic mixing end-member that may steepen the advective mixing trendline (see Fig. 3–17) and thereby mimic the "dry" diffusive migration fingerprint (see Fig. 3–16). Consequently, the hypothesis of coupled diffusive/microbial gas overprints must be tested in the context of lithological profiles (Part II) as well as pore fluid saturations (Part III) in Part IV of this thesis.

It is concluded that an adequate quantification of the abnormally "dry" gas mixing trendline in Figures 3–16 and 3–17 will help to identify stratigraphic intervals that are hardly affected by advective leakage through the pore space and are therefore bypassed (Chapter 8).

Part II – Lithological Context

Setting the gas geochemical implications from the previous chapter into an adequate lithological context is not a straight forward task.

Ideally, each observed combination of wireline log signals represents a unique interference of lithology/fluid properties within the detected formation volume. However, gas geochemical data cannot be plotted against such petrophysical information due to a variety of issues concerning scale, resolution, and coherency of measurement depth (Chapter 1).

Instead, the primary aim of Part II is to simplify the unique log signal combinations into a representative set of not more than 13 clearly distinct units. The results of the core sample analyses (Chapter 4) will be used to calibrate manual (*i.e.* subjective) lithofacies interpretation from core images (Chapter 5.1) that serve as the basic framework for automated wireline facies recognition and propagation (Chaper 5.2).

Apart from detailed and consistent geological profiles that provide the context for the gas migration analysis (Part IV) a secondary aim of Part II is the calibration of raw wireline log signals through upscaling of laboratory rock properties.

Chapter 4 Grains and pores at the sample scale

With the ambition of adding up the established BP data set on properties of more than 300 cap rock samples from a total of 19 western Nile Delta fan wells, new analysis were produced on 92 virgin samples from nine of the mentioned wells. As the sampling rationale aimed at fluid retention capacities only the tightest lithologies of the local Plio-/Pleistocene petroleum systems were recovered for property characterisation, namely clay-rich argillaceous rock samples or mudstones.

The sample set comprises – with two exceptions – plugs, drilled from the split core, labelled with information about well name, sample number, and true vertical depth (TVD). The sample set from BP Egypt, Cairo, was received at Newcastle University by end of January 2008. A well-by-well overview of the rock data set is given in Figure 1–5 whereas the full database is presented in Appendix C.

4.1 Grain size distributions

Siliciclastic sediments are usually categorised by their predominant mineralogy and grain size fraction (Füchtbauer 1988, Potter 2005). Yang & Aplin (1998) were the first authors to proof that the link between clay-sized particles (<2 µm) and clay mineral content is sufficiently strong for the utilisation of argillaceous particle fractions as a standalone lithology proxy in mudstone permeability studies. This chapter reports on the analysis and range of grain size distributions among the 92 mudrock core samples.

Sample preparation Examination of the grains that comprise a lithified sediment inevitably requires their isolation from the rock matrix prior to measurement. In this study, the Saturation-Freeze-Thaw (SFT) technique from Yang & Aplin (1997) was chosen because it has been proven to recover the original grain size distribution with the least possible corruption from broken grains. The disaggregation method is described in the following paragraphs.

A minimum of 2 grams of fragments per sample – a few millimetres in diameter (Fig.



Figure 4–1 Grain size sample (a) prior to disintegration, (b) after disintegration, and (c) re-moistened prior to final dilution.

4–1a) – were placed in labelled aluminium tins and covered with deionised water. Subsequent vacuum dessication (~1h) supported the water percolation into the pore space of the aggregated sample fragments. Transfer of the saturated samples into a conventional freezer (~2h at -20°C) lead to gentle weakening of the inner rock friction through steady pore water expansion before oven-thawing (~1h at 85°C) reset the samples for the next SFT-cycle (Fig. 4–1b). Disaggregation states were visually examined between the loops and repetition lasted until each rock sample was transformed into soft mud (Fig. 4–1c). Up to 10 cycles are commonly enough to obtain poorly aggregated fragments below 2 mm (Yang & Aplin 1997) of which 1.00 ± 0.05 g (dry weight) were extracted for completion. At this stage it is important to record the exact weight of each sub-sample for later determination of the sand fraction (>63 µm).

Finally, about half a minute ultrasonic probing in 20 ml of deionised water accomplished dispersion of the loose grain aggregates. Coagulation of released clay minerals was prevented by a chemical dispersant (0.05 mol% $[NaPO_3]_6$ in 50 ml sample emulsion).

Methodology: Sedigraph The grain size analysis was conducted via automated laser detection (SediGraph 5000ET, Micromeritics; Fig. 4–2). Before each measurement, the machine runs with a dispersant blank (0.05 mol% $[NaPO_3]_6$) in order to set a steady baseline at 0% cumulative grain fraction. The first two sample beakers were put into the chamber of the sedigraph and left there for about an hour to establish the operating temperature of 28-35 °C.



Figure 4–2 Front panel of SediGraph 5000ET (Micromeritics).

Once set, the machine's tubing loop was cautiously loaded with a sample dispersion and trapped air bubbles released. An integrated pump ensures the continuous connection between the sample beaker and the measuring cell. Measurement starts as the pump stops and the dispersion inside the cell commences to settle. Referring to Stokes' Law, we find that the equivalent spherical diameter D (m) of a given grain is proportional to its settling velocity v (m/s):

$$D^2\,[m] = 18 \cdot \eta \cdot v \cdot \{(\rho - \rho_o) \cdot g\}^{-1} \qquad \textbf{(4a)}$$

where η is the viscosity (kg/m/s) of

the liquid, (ρ–ρ_O) is the density difference (kg/m^3) between the grain material and the liquid, and g is the standard gravity (m/s^2). However, the range of analysed grain sizes is too large to measure the settling velocity over a unit distance within reasonable time periods for practical purposes. The device overcomes this problem by a digital controller that moves the measurement cell downward relative to the detecting X-ray beam, *i.e.* the distance over which the settling rate is measured is continuously shortened as the particle size inside the cell decreases upwards. The functions of the instrument are such that the cell's lowering rate v_r is determined from the following equation:

$$v_r\,[m/s] = 211.80[m/s^2]\cdot(\rho-\rho_O)\cdot\{50/D_m)^2\cdot\eta\}^{-1} \qquad \textbf{(4b)}$$

where D_m is the maximum particle diameter to measure (63 µm). The rate units are practically irrelevant because the machine converts them internally into appropriate speed and acceleration. Temperature dependent parameters such as viscosity (η) and density (ρ) were set prior to each measurement.

As the beam scans the cell from bottom to top of the dispersion the measured grain fraction starts at the coarse end (63 µm) and subsequently moves towards the finer grains (≥ 2.5 µm) near the top of the dispersion. The particle concentration at the level of the cell that intercepts the collimated X-ray beam is processed by an internal scintillation detector into a directly proportional net output signal. The real-time corresponding particle size is indicated by the logarithmic signal of yet another digital controller that enables a Stokes' Law-conform plot of the output signal on a logarithmic cumulative grain size paper chart.

Data processing & results Since the SediGraph records only the ≤ 63 µm fraction the machine's output data required manual correction for the sand fraction. This was achieved from relating the weight of particles recovered in a 63 µm mesh sieve to the initial dry sample weight. Further, the corrected data was converted by a machine-specific empirical formula that fits the grain size distribution expected from the pipette method – which is herein considered as the default sedimentation procedure. Repeated analysis of 10 samples yield a measurement error of ±0.55%.

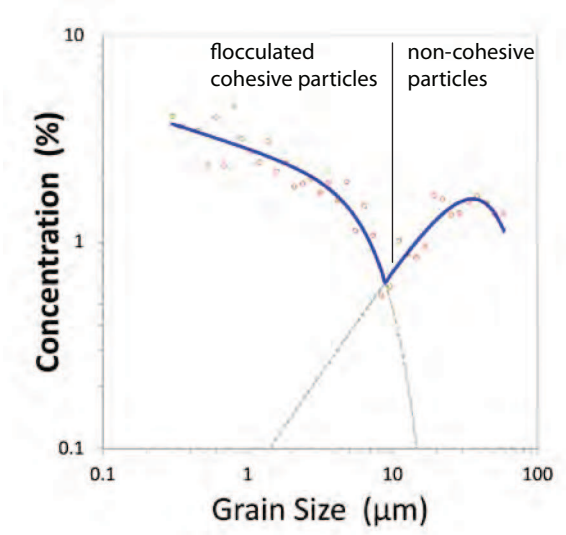


Figure 4–3 Regression of a measured grain size distribution (Well B20, sample 35). Floc (left) and clastic (right) regressions intersect at about 10 µm which is equivalent to the coarse silt-to-cohesive silt discrimination.

In order to emphasise global trends in the 92 grain size data sets a regression of the scatter has been performed according

to Kranck *et al.* (1996a,b, see Fig. 4–3). Their method involves individual curve-fitting to both clastic fraction (sand+coarse silt) and flocculation tail (cohesive silt+clay) of a mudrock and is particularly useful for dicriminating different sediment classes on the grain size scale. The regression parameters as well as clastic/floc intersect have been further processed in a simple hierarchical cluster analysis according to the single-linkage method. In short, after standardisation to a mean of 0 and a standard deviation of 1 the Euklidic distance between each sample is determined; couples with the least distance are subsequently grouped in order of their common distance.

The method strictly resulted in 19 different distributions which were broken down into 3 characteristic patterns that may shift along the x-axis (Figure 4–4). In general, the deeper the depression between the two peaks the clearer the separation between flocculated clay/cohesive silt particles on one hand and non-cohesive grains (coarse silt + sand) on the other. This characteristic coarse silt-to-cohesive silt separation at approximately 10 µm has no effect on the net concentrations of the 4-fold grain size pies (see inlets of

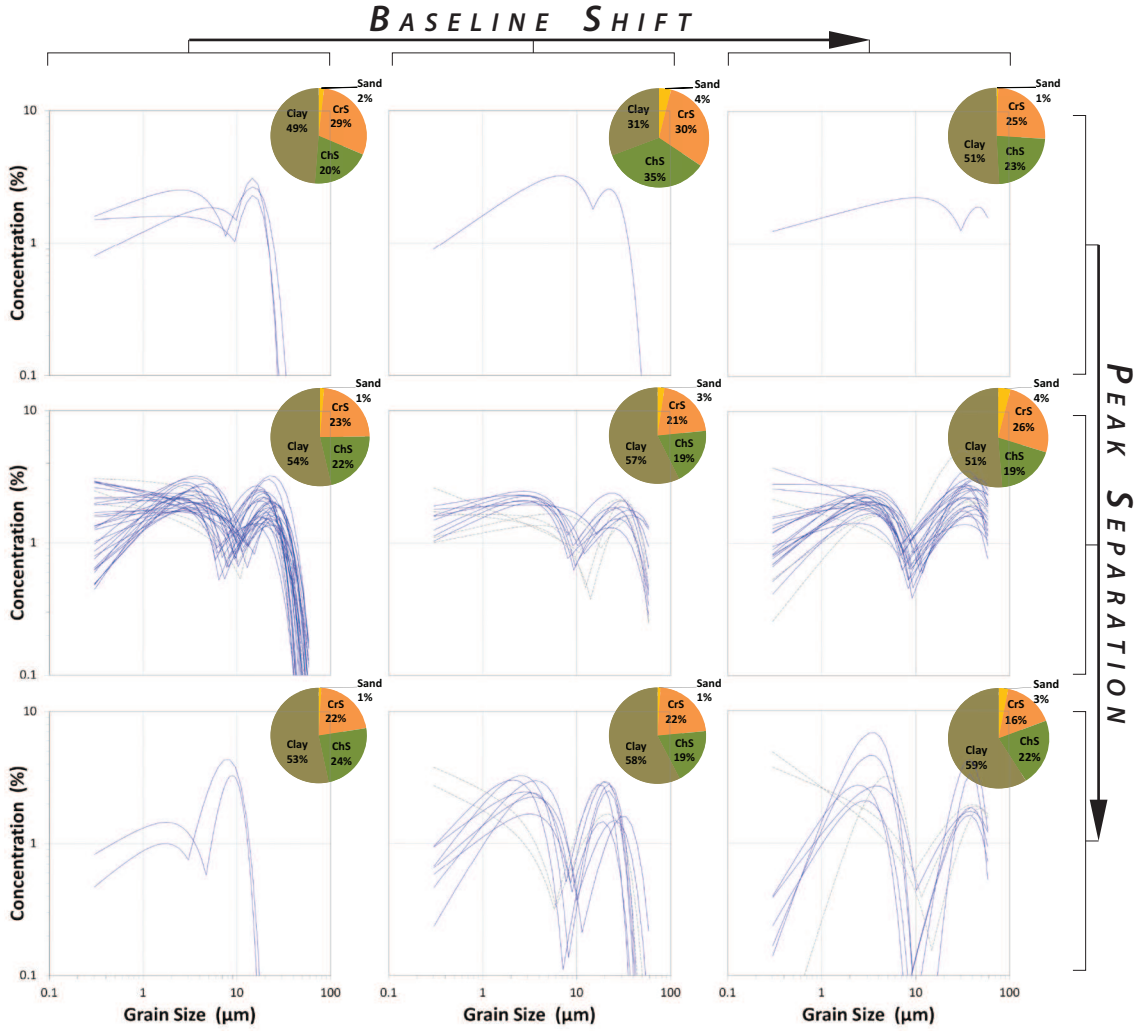


Figure 4–4 Characteristic grain size distributions of the 92 measured mudstone samples. The results are grouped according to peak emphasis and demonstrate a general tendency for baseline shift of the non-cohesive particle peak. A genetic effect is not, however, reflected in the 4-fold grain size pies (inlets: average per group). See text for further discussion. CrS: coarse silt; ChS: cohesive silt.

Fig. 4–4). The general variability within the example distributions of Figure 4–4 is subject to sediment provenance, depositional energy, and occurrence of mechanical reworking events prior to burial (Kranck *et al.* 1996b). As sediment genesis is largely covered by lithofacies interpretation on the core image scale in Chapter 5.1 it is beyond the scope of this project to perform a sample-scale facies characterisation. Instead, further processing of sand and especially clay content as lithological proxies is presented in Chapter 5.

4.2 Porosity

In geosciences, physical or total porosity refers to the formation volume that is not occupied by mineral grains whereas effective porosity relates to the voids in soils or rock that contribute to fluid transport (Pearson 1999, Sevee 2010). The handling of these two fundamental porosity types in the context of fluid migration is further discussed in Chapter 7.2. Mercury injection porosimetry captures the distribution of a sample's total porosity if pore radii exceed approximately 2 nm.

Sample preparation A minimum of 2 grams of appropriate sample fragments (max. 5*15 mm; Fig. 4–5) were picked from the shards of the broken-up plug and transferred into labelled vials. A ModuloyD Freeze Dryer (Thermo Electron Corporation) cooled the uncovered samples down (2h at -50°C) before the onset of a vacuum initiated a 24h sublimation period, *i.e.* the frozen pore water was transformed directly into the gas phase as a result of pressure reduction, leaving behind a dried sample. This procedure is preferred relative to direct heating of unfrozen samples since the former is meant to have less effect on the water within hydrated minerals (especially in smectites, which are common in the analysed samples). Processed samples were stored at 80°C prior to measurement in order to maintain their dryness.

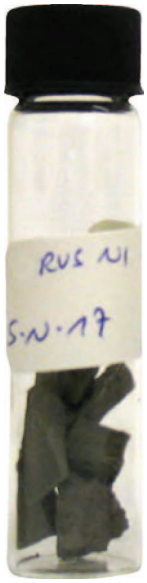


Figure 4–5 MIP samples.

Methodology: Mercury injection porosimetry (MIP) About 1.5 g of sample chunks are transferred into an empty penetrometer that consists of an about 30cm long glass tube attached to a sample compartment of known volume. The compartment is grease-sealed with a metal connecting plate. The equipped penetrometer is subsequently tightened up in one of the pressure ports and measurement can proceed.

The MIP instrument consists of two different pressurised parts: (1) four low-pressure (LP) ports up to 25 psia and (2) two high-pressure (HP) ports up to 40,000 psia (Fig. 4–6).

While LP precedes HP measurement both steps follow the same principle: the vacuum cells fill with mercury and pressure increases in 30-40 different increments, each of which corresponds to a particular pore diameter. The volume of the intruded mercury at each step is deduced from the current electrical capacity. Typical periods of equilibration may stretch a single run to a little more than one hour.



Figure 4–6 MIP instrument Autopore II 9220 (Micromeritics) with 4 low-pressure ports (top) and 2 high-pressure ports (base).

Data processing & results The following weights were recorded at different stages during the preparation process: empty penetrometer, sample-equipped penetrometer prior to measurement, and mercury saturated penetrometer after measurement. These records were required to calculate dry sample weight, saturated mercury weight, and mercury volume prior to initial pressure build-up. Further data processing in conjunction with the associated sample grain density (see Appendix B.1) yield the rock matrix volume, and the mercury density at the recorded ambient temperature yields the saturated mercury volume, *i.e.* the total sample porosity that was intruded by mercury. Repeated analysis of 10 samples yield a measurement error of ±0.47% which is similar to the sedigraph accuracy (Chapter 4.1).

Results were plotted in diagrams that show the distribution of incremental and cumulative porosity as a function of pore diameter. The incremental porosity usually tails off towards the largest pore sizes. However, if the smooth decline disturbed by abrupt and slightly scattered porosity rise it is very likely that micro-cracks – initiated upon core recovery – are present and filled at low mercury injection pressures (Fig. 4–7). In this case the application of cut-off pore radii is considered a valid procedure to conserve data output quality. Accordingly, where cut-offs have been used a correction for the initially calculated total porosity is necessary.

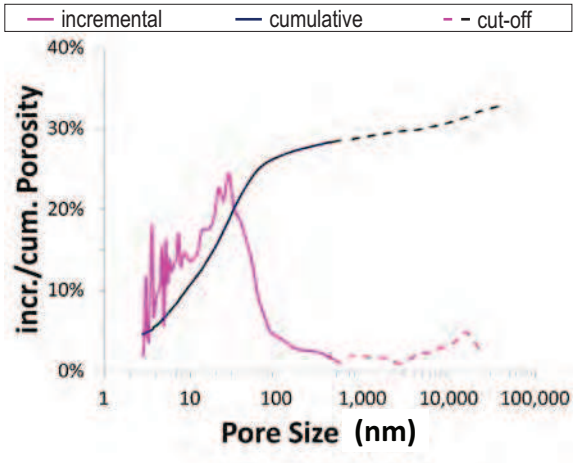


Figure 4–7 Typical pore size distribution of a fine-grained sediment with cut-off porosity at large pore diameters (low mercury injection pressures). Example from Well B24, sample 8.

The resulting pore size distributions of the bulk sample set were grouped according to curve shape. Five typical distributions are discriminated of which 4 are unimodal (Fig. 4–8) and one bimodal (Fig. 4–9).

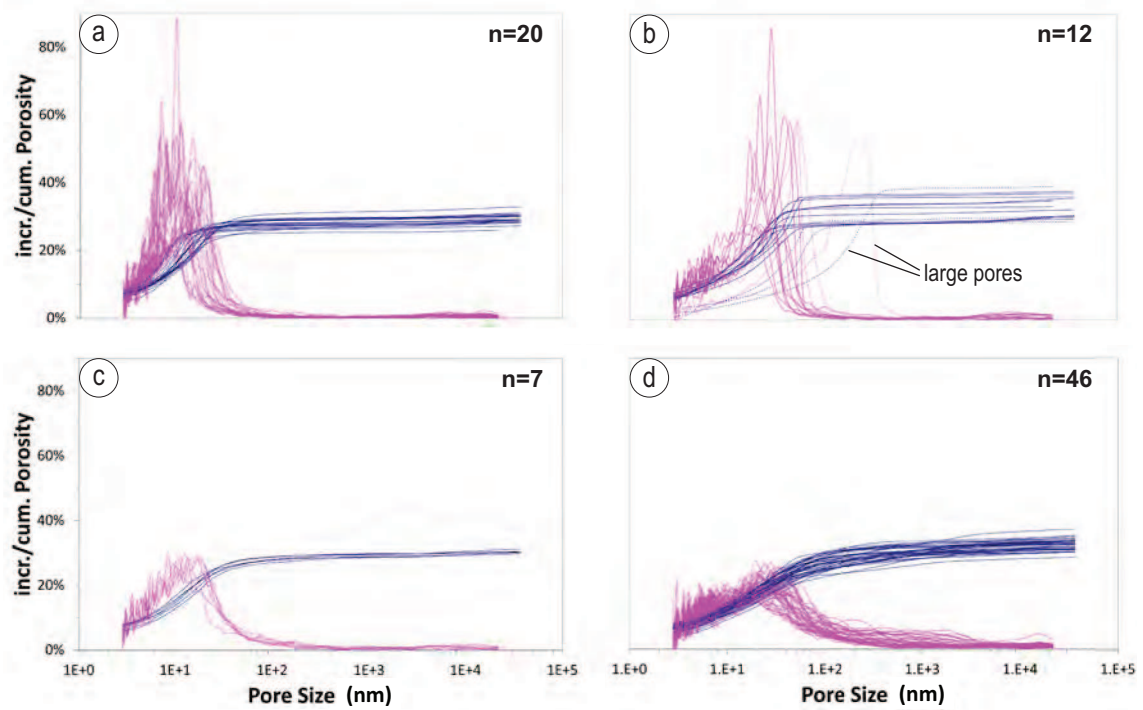


Figure 4–8 Four major groups of pore size distributions from 92 core samples. (a-b) Narrow pore size range restricted to (a) relatively smaller pores and (b) relatively larger pores. (c-d) Likewise, broader spectrum with pores clustering around (c) relatively smaller pores and (d) relatively larger pores. Those samples that do not fit in these categories have a bimodal distribution (see Fig. 4–9).

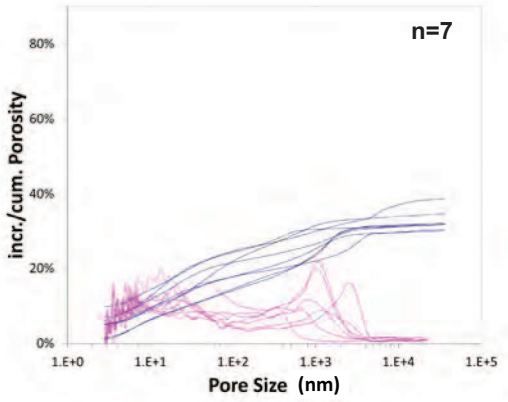


Figure 4–9 Bimodal pore size distributions imply thin laminae.

Experimental work from Schowalter (1979) has lead to the widely acknowledged assumption that the pore radius at 10% mercury saturation (r_{10}) is a good estimate for the minimum pore size required to connect a continuous filament of non-wetting phase throughout a porous medium such as a mudstone cap rock (*e.g.* Nabawy *et al.* 2009 – and references therein). In other words, an average saturation of 10% non-wetting phase (*e.g.* mercury or hydrocarbons) is required to overcome the percolation or displacement threshold of a pressure seal and thus initiates capillary failure or leakage (see Chapter 6). The pressure at 10% saturation is the displacement pressure necessary to overcome the capillary pressure at the associated pore size.

Since the physical properties of hydrocarbons significantly deviate from those of mercury a modified Young-Laplace equation is required to translate into the equivalent hydrocarbon pressure (Equ. 4c). This equation is also known as Washburn equation

(Washburn 1921, Purcell 1949, Lowell & Shields 1991).

$$P_c\,[Pa] = P_{nw} - P_w$$
$$= (\rho_{nw} - \rho_w)\cdot g\cdot h$$
$$= 2\sigma / r_{10}\cdot cos\theta \qquad \textit{(4c)}^1$$

Rearrangement of this equation yields the potential hydrocarbon column height (Fig. 4–10). However, these relations only exist if there is on average less than 10% of free non-wetting phase present in the pore space of a cap rock. Once capillary failure has occurred and the cap rock is breached, migration along continuous filaments will be a function of relative permeability and the potential column heights estimated above become unrealistic.

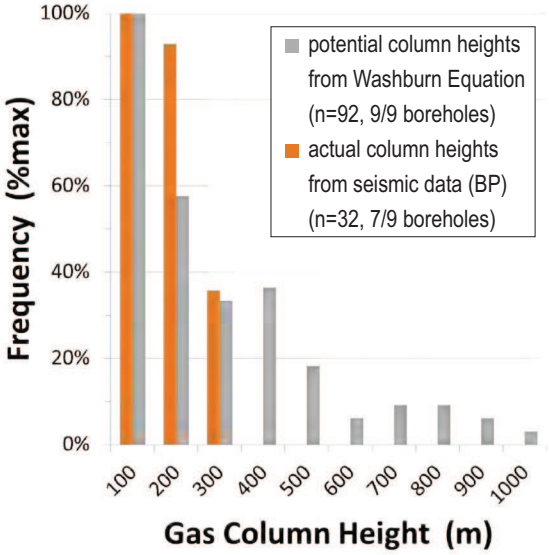


Figure 4–10 The comparison of potential and actual gas column height distributions (BP data) from the sampled boreholes implies that calculations based entirely on capillary entry pressure may result in severe overestimations if charge and trap configuration are not limiting factors. Frequencies are normalised by maximum sample number.

Permeabilities can be estimated via empirical formulas from parameters such as clay content and mean pore radius (Yang & Aplin 1998 & 2004) or total porosity (Yang & Aplin 2010). Further, anisotropies that result from mechanical compaction during burial can be estimated from empirical correlations with clay content and effective stress (Yang & Aplin 1998), enabling the discrimination between vertical permeability (K_v) and horizontal permeability (K_h). Results for the 92 mudstone samples span several orders of magnitude depending on method and spatial orientation (Fig. 4–11).

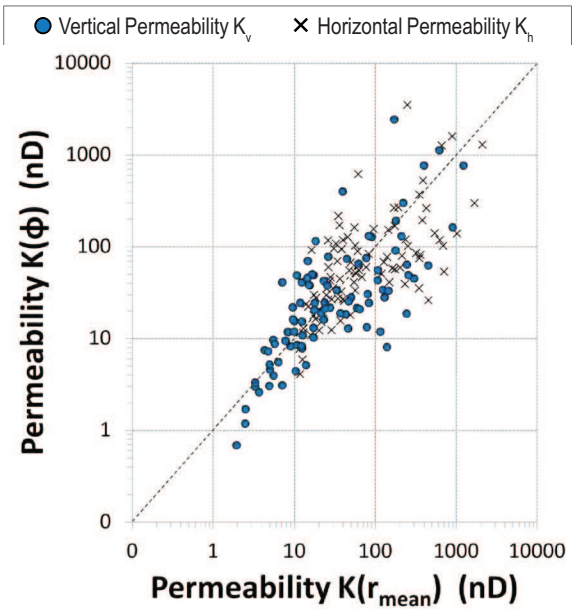


Figure 4–11 Modelled permeabilities from empirical correlations based on clay content and mean pore radius (r_{mean}; Yang & Aplin 1998 & 2004) and total porosity (φ; Yang & Aplin 2010) indicate a large magnitude range.

The model based on mean pore radius (x-axis in Fig. 4–11) is physically more constrained than the total porosity-related model (y-axis in Fig. 4–11) because it considers a representative parameter from the

1 P_c [Pa] – capillary entry pressure; P_{nw} [Pa] – pressure of non-wetting phase; P_w [Pa] – pressure of wetting phase; ρ_{nw} [kg/m³] – density of non-wetting phase; ρ_w [kg/m³] – density of wetting phase; g [m/s²] – acceleration due to gravity; h [m] – column height of wetting phase; σ [kg/s²] – interfacial tension between the two phases; r [m] – radius of a pore at 10% saturation; θ [°] – wettability or contact angle between fluid and a solid (measured in the denser of the two fluid phases); all standard parameters taken from Yang & Aplin (1998 – and references therein) and Yaws (1999)

pore size distribution. Correction of the porosity-based model is not feasible since there is no physical correlation between total porosity and shape of the pore size distribution (Moore 2005). However, input parameters for the porosity-based model can be acquired at higher time- and cost-efficiency and thus have the potential to yield large data sets, and the scatter along the 1:1 correlation line in Figure 4–11 implies that the relative tendency of both methods is yet coherent to a reasonable extent.

Synopsis of Chapter 4 Grain and pore size properties of 92 mudrock core samples from various wells at various depths from the Nile Delta Plio-/Pleistocene section have been measured. Analysis of the property distributions allowed a rough allocation of recurring pore and grain size groups. However, considering the limitations that are outlined in Chapter 1.3 an integrated analysis of typical mudstone property groups as discussed by Moore (2005) is beyond the scope of this study.

Instead, propagation of the measured pore and grain size volumetrics along high-resolution core information such as photographs will yield both a detailed and coherent lithological description (and mudrock permeability tendencies) that can be set into context with hydrocarbon gas saturation and geochemistry. Such integrated relationships on the meso-scale will be discussed in Part IV of this thesis.

Chapter 5 Upscaling to the core and beyond

Genetic and/or textural rock units may be very useful to mediate between laboratory core sample and wireline log scale for calibration of petrophysical log signals such as porosity. In cored intervals, these lithological reference units can be manually derived from core images (CI).

However, definition of which does usually not obey any physical measurable rules but is subject to visual interpretation (*e.g.* Schieber 1999, Serra & Serra 2003 – and references therein). It is therefore desirable to validate the allocated lithological units in a quantitative and thus reproducible manner. Ideally, the resulting sedimentological profile has a tangible association to petrophysical profiles that are measured along the borehole wall during wireline logging. Establishment of this link would allow propagation of the lithological units along the entire log interval and attributed properties such as effective permeability could yield valuable input data for basin flow modelling (Drews 2011).

This chapter demonstrates that core image sections can be utilised for empirical propagation of rock sample information that was previously derived from laboratory analyses (Chapter 4). Figure 5–1 illustrates that core samples and wireline logs cannot be integrated without upscaling of sample properties to the closest associated log response. Here, it is suggested that the numeric information of core images enables a reliable upscaling of sample properties and thus calibration of petrophysical log models via semi-quantitative facies allocation.

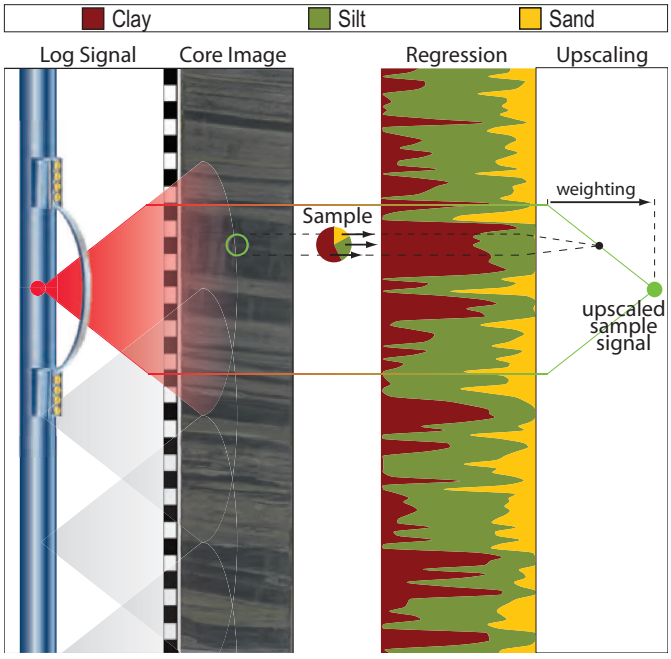


Figure 5–1 An intermediate scale is necessary to allow calibration of wireline log response with high-resolution and small-scale sample properties. Laboratory measurements of core samples have a resolution of 0.005-0.023 m, are usually scarce and discontinuously distributed along the borehole. In contrast, conventional wireline log signals provide continuous borehole information over several 100 m length, have a sampling step of usually ~0.15 m, and reflect the weighted average of petrophysical properties within the detectable formation volume.

Although laboratory experiments yield physically accurate rock properties on the smallest conventional scale – and given a borehole section of several kilometre length – related properties such as pore and grain-size distributions are usually scarce and can be considered unidimensional. Therefore, propagation of sufficiently accurate grain size and porosity models along core image

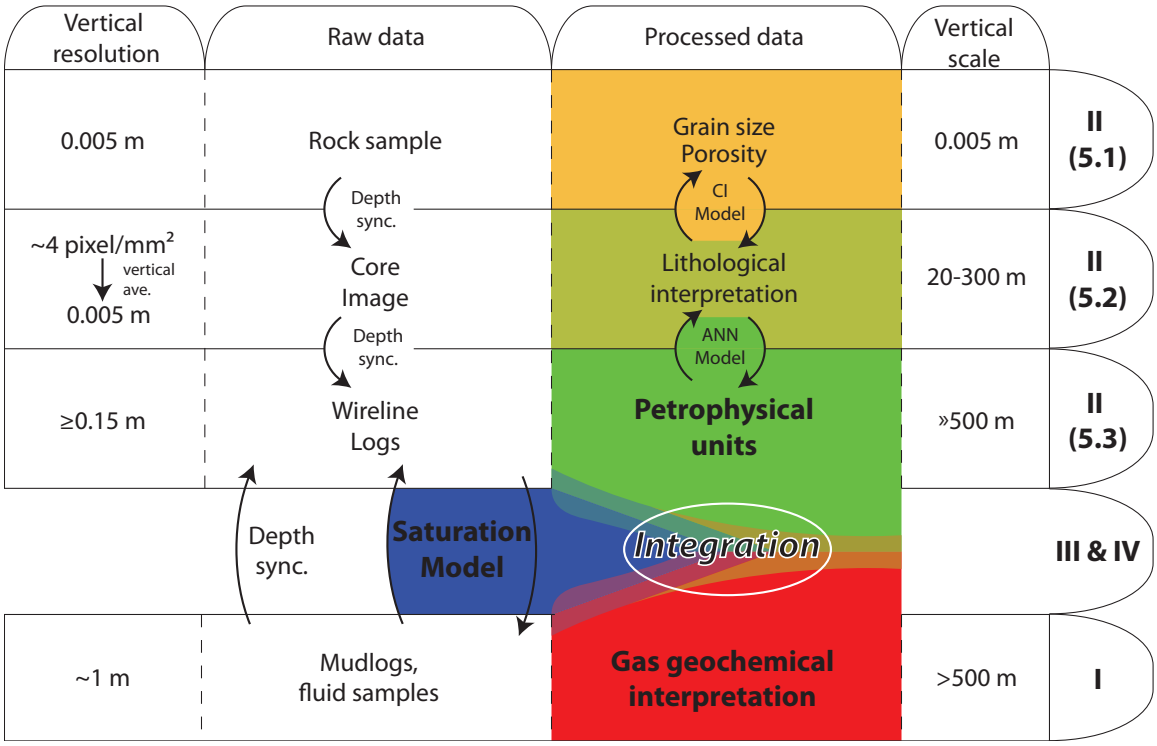


Figure 5–2 Workflow for lithofacies definition and their integration with gas volumetrics and geochemistry. Associated thesis parts (and chapters) are annotated in the right column. An empirical link between greyscale distribution parameters of the high-quality core images (CI) and specific grain-size fractions at the sample locations provided optical guidance for allocation of lithotypes (facies). Hereby calibrated lithotypes were reproduced by multi-dimensional mapping of their associated wireline log signals. The trained model has then been applied to the entire wireline logged section in order to obtain a complete lithological profile for each well.

sections will help to define appropriate lithological units that are most likely reproducible from their associated wireline log signals (Fig. 5–2).

After a thorough synchronisation of core depth with logger's depth (Appendix A) the set of core facies can be used to supervise the training of conventional wireline log signals in an artificial neural network (ANN). Ideally, if the calibrated output wireline facies equal the input core facies the trained ANN will then provide an adequate lithological description of the non-cored borehole intervals, including most of the cap rock.

In summary, the most critical steps in the presented workflow for facies definition are as follows:

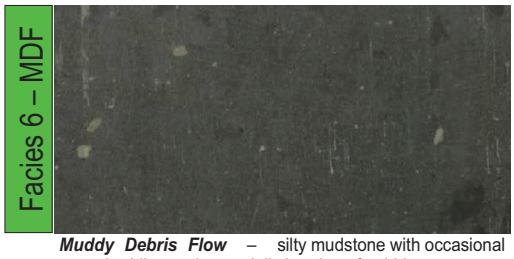
- Precise shifting of the core to the logger's depth (Appendix A)
- Definition and attribution of representative lithological core units (Chapter 5.1)
- Empirical validation of those units from a set of greyscale distribution parameters extracted from the associated core image intervals (Chapter 5.2)
- Satisfactory ANN calibration (Chapter 5.3)

A secondary aim of this study is to calibrate conventional wireline log models for porosity and clay content in siliciclastic sediments. The model will result in (a) high-resolution clay content logs for risk assessment of mud-rich seals via permeability calculations

(Yang & Aplin 1998 & 2004 2010) and (b) physically reliable porosity logs for hydrocarbon saturation models with focus on fine-grained sediments (Part III).

Initial core description Traditional facies interpretation relates the characteristic appearance of a given sediment package to its prevalent (*i.e.* primary and/or secondary) depositional environment (Füchtbauer 1988). The scale of these units may span from microfacies in thin sections to seismic bodies such as entire channels, mass transport formations or fault zones (tectonofacies). Inevitably, facies interpretation requires a sedimentologist to set his observations into an adequate palaeo-environmental context. Hereby, purely genetic descriptions may intermingle with textural attributes (Serra & Serra 2003), *e.g.* a pile of distal turbidites may be circumscribed by its fine-grained clastic laminae. However the scale, division of continuous lithological information into distinct units is generally subjective depending on the interpreter's perception and routine, especially if an interval has attributes of two or more divisions (*e.g.* "faint lamination but almost homogeneous").

Quantitative examination of lithological texture and composition have so far been focused on the microscopic scale (Schieber 1999 – and references therein). The facies scale of this study is in the decimetre to metre range as a consequence of the lowest resolution data that is intended to be set in lithological context, namely gas samples (~1m) and wireline log information (≥0.15m). In order to set a starting situation the available core photographs and microresistivity borehole images were interpreted in terms of the 13 most characteristic recurring rock features, comprising 6 mudrock facies, 6 sandy facies and a carbonate facies (Fig. 5–3; see Appendix B for a full review). This preliminary subdivision forms the basis of subsequent validation and re-evaluation with empirical grain size distributions and associated log signals as documented in the following chapters.



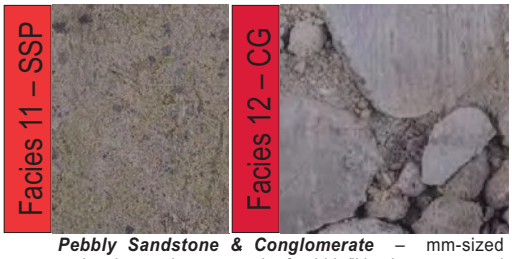
Muddy Debris Flow – silty mudstone with occasional cross-bedding and potentially bearing of pebbles



Argillaceous Limestone – any rock section suspected of containing significant ("visible") amount of argillaceous carbonate, by experience often related to fossil shells



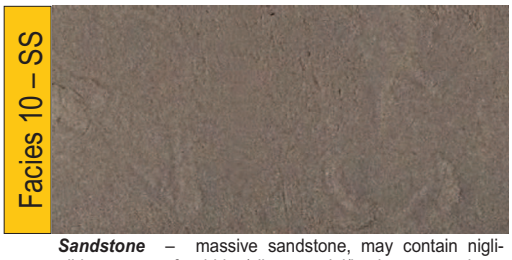
Chaotic Mudstone – clay-bearing facies with high proportion of secondary sandy features (such as SS-intrusions, mingling/slumps, brittle zone containing coarse fault gauge)



Pebbly Sandstone & Conglomerate – mm-sized grains in sandstone matrix &pebble/lithoclast supported matrix (similar to some broken core sections)



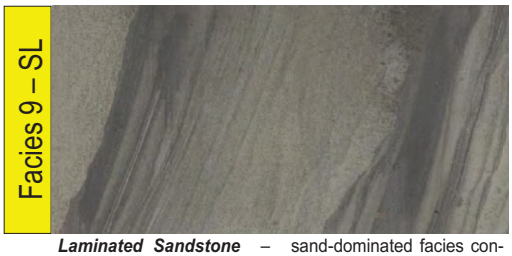
Slumped Mudstone – clearly mudrock-dominated facies with slump-features and/or brittle deformation



Sandstone – massive sandstone, may contain nigligible amount of pebbles/silty material/laminae, sometimes quite "dirty" but homogeneous



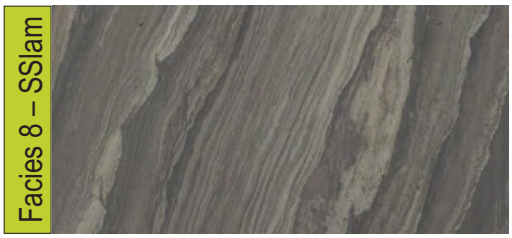
Silty Mudstone – silty dark mudstone, "reworking" optional



Laminated Sandstone – sand-dominated facies containing significant amount of silty laminae/sections



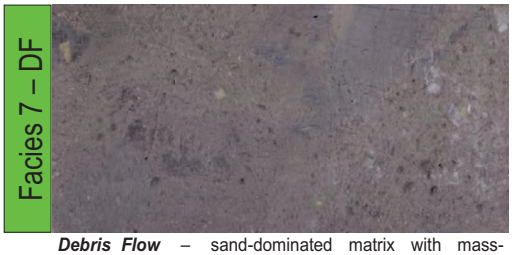
Laminated Mudstone – mudstone dominated facies with a significant proportion of sandy/silty layers, maybe slightly slumped if continuity of laminae is preserved



Sand/Silt Laminae – sand/silt/mudstone laminae



Massive Mudstone – massive "featureless" mudstone, may contain vague laminae/slumps/mudflakes if effect on bulk poroperm properties is considered insignificant



Debris Flow – sand-dominated matrix with mass-transport features (*e.g.* directed clasts/flakes) and/or more subtle features such as remnants of reworked SS-laminae

Figure 5–3 Lithofacies definition scheme and allocated colour code. A complete template that describes the entire variety of each facies can be reviewed in Appendix B.

5.1 Propagation of matrix and pore properties

The initial motivation to relate CI properties and petrophysical measurements was fuelled by ambiguities in siltstone facies allocation from visual core image inspection. Identification of silty mudrock intervals is essential for seal risk assessment because of a substantial pore size difference between matrix-supported to framework-supported textures (Moore 2005). However, a few dozen grain size analyses are not sufficient to assess hundreds of metres heterogeneous cap rock lithology. This chapter deals with the possibilities to overcome this scale gap by deriving continuous grain and pore size information from core images, hereafter referred to as core image-to-grain size (CIGS) model.

There are two fundamental ways to obtain grain size estimates from photographs of (unconsolidated) clastic sediments: a geometrical and a statistical approach (Buscombe *et al.* 2010 – and references therein). The former relies on 'advanced sequences of image processing to isolate and measure each individual grain' (Buscombe *et al.* 2010), usually resulting in computed grain size distributions where the smallest detectable grains have a diameter of at least one image pixel. This method is unsuited for studies of fine-grained sediments such as mudrocks. Instead, a statistical approach has been chosen assuming that an empirical correlation exists between grain (and pore) size fraction and parameters that describe the greyscale distribution of core images. Buscombe *et al.* (2010) point out that such statistical methods so far did not have the power to generate the entire grain size distribution but rather specific features of interest such as the mean grain diameter.

On a macroscopic scale, the human eye is only capable of vague end-member discrimination between clay-rich and sand-rich rock specimens. Sandstones are usually bright and contain individual grains that can be readily identified by brief visual inspection. In contrast, massive mudstones deposited under anaerobic conditions such as in the Nile Delta are dark due to a mixture of opaque minerals and organic matter and have a rather smooth and often homogeneous, sometimes shiny profile. These properties can be described by basic greyscale distribution parameters of core image pixel rows, with greyscale units (GSU) commonly between 20 (dark) and 200 (bright). The distribution parameters used are average (CI_{ave}), median (CI_{med}), and modal (CI_{mod}) greyscale and variance (CI_{var}). The former three describe the representative luminance and its bulk variance can be considered as a measure of "coarseness" of the photographed rock; in principle very similar to the criteria a human eye would pick up.

The results of an initial test of whether these observations can be reproduced by the derived CI parameters were positive (Fig. 5–4). If the transition between clay-to-sand extremes can be approximated with a function that fits the measured grain size data, for

instance, siltstone facies might be determined from core images to an extent and coherency that lies beyond the interpreter's perception. Therefore it has been decided to start off with a CI multi-regression towards average clay (<2 µm) and sand fraction (>63 µm).

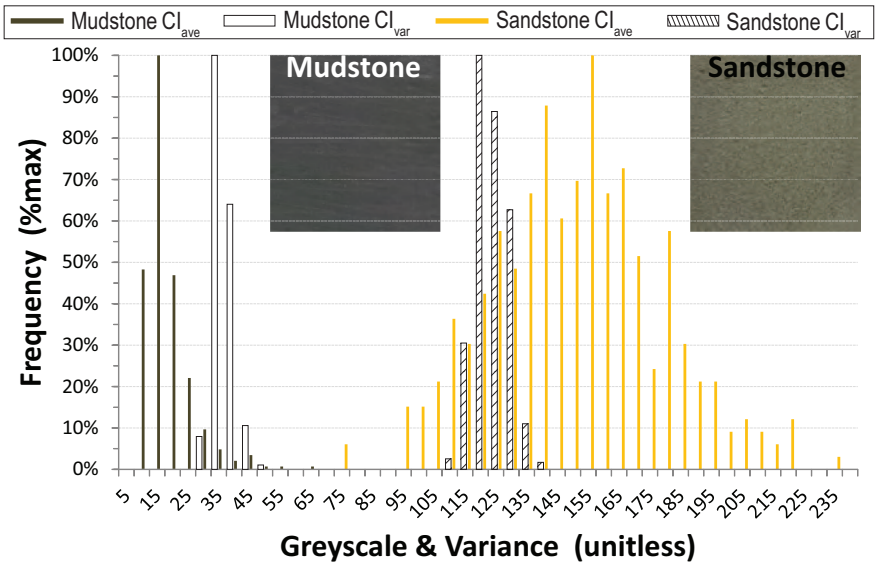


Figure 5–4 CI parameter distributions of a "typical" mudstone (B19: 1656.24-1656.34m) and sandstone (B24: 1999.32-1999.42m) profile. Sandstones are brighter and display greater variance compared to mudstones.

Input data Prior to investigation of the interrelationships between petrophysical information and optical core properties the source of the latter – namely the core photographs – requires a quality control assessment to validate the coherency of input data.

Each image comprises 70 cm of even rock surface from the central plane of a split core followed by a 30 cm gap of plain white where samples were removed prior to photography. Scale bar and colour patches are enclosed for reference. Further, the camera angle was vertical during exposure and illumination is found to be consistently saturated and balanced (Fig. 5–5). These observations affirm that the CIs have been taken under consistent laboratory conditions.

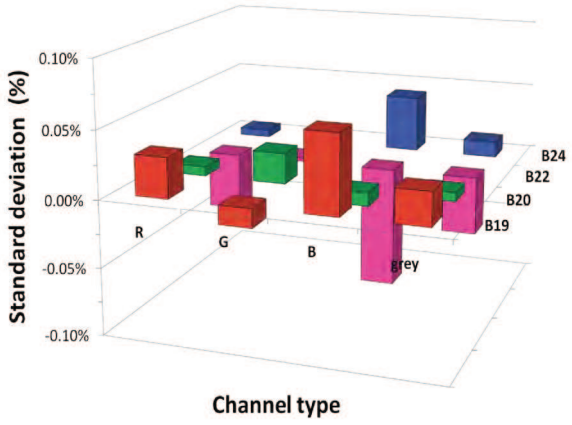


Figure 5–5 The core photograph settings of all 4 calibration wells are similar with a deviation of <1%. See Fig. 5–6 for example colour patch. Data by courtesy of M. Drews.

The photographs have originally been stored in the RGB colour model, *i.e.* each pixel is equipped with a combination of numeric red, green, and blue shades. Overlay of all three channels in the numerical 8-bit byte system can result in 255^3 individual colour combinations that are commonly described by RGB triplets, *e.g.* (255,0,0) for pure red or (64,224,208) for turquoise etc. In order to narrow this vast colour range for feasible statistical analysis the RGB channels were averaged to a single greyscale

channel with units between 0 (black) and 255 (white).

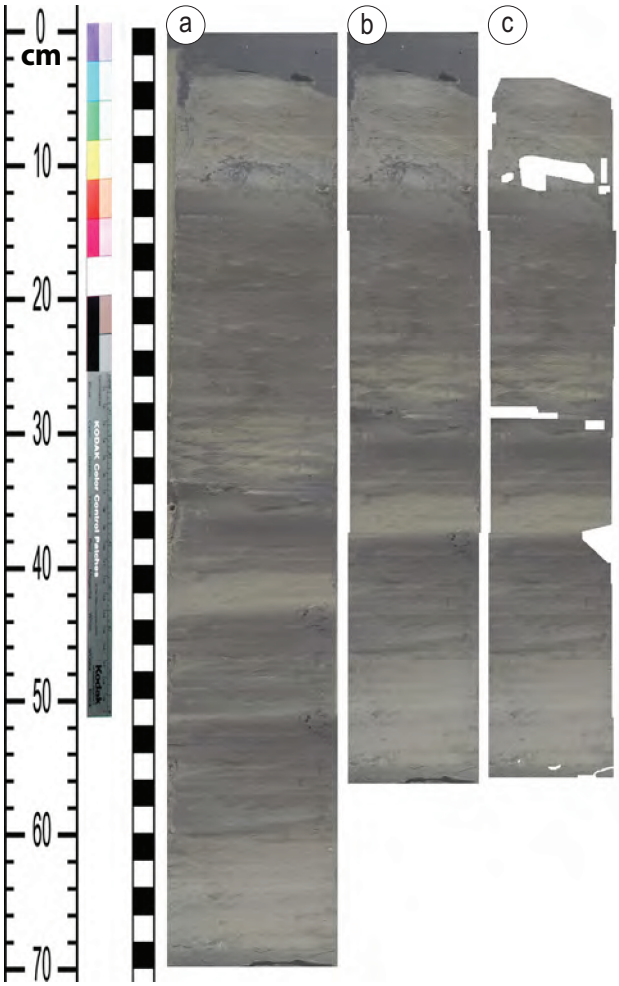


Figure 5–6 (a) Raw, (b) cropped and corrected, and (c) cleaned core image (example from Well B20: 1734-1734.7m). Removed features include cracks/fissures, annotations, preservation resin, moisture/dessication marks, empty and filled plug sampling holes, brush streaks, fingerprints and all kinds of dirt including human hairs and loose grains.

However, some core sections have been affected by superficial contaminants or local loss of physical integrity. These artefacts of core recovery and preparation were carefully post-processed with white pixels (equiv. 255 GSU) since very light rocks such as chalk or other carbonates are absent from the investigated stratigraphy. White can thus be numerically removed during further image processing (Fig. 5–6). Another severe image bias depicted in Figure 5–6 is the sporadically occurring duplication of image sequences. From experience these artefacts originate from erroneous stitching of overlapping (digital) images and pose a substantial threat to apparent core continuity. Fortunately, careful investigation revealed only a dozen of these phenomena (mostly from Well B20) where remediation has been feasible.

As mentioned above, the white end-member represents unpreserved or biased rock information and is therefore neglected, *i.e.* pixel ranks that are separated by deleted (white) sections are closed in order to obtain a continuous (shorter) row. This procedure allowed to determine basic statistical parameters such as the mean, median, mode, and variance to describe the greyscale distribution of any row longer than 30 pixels. An uncertainty test for all 14 sample locations

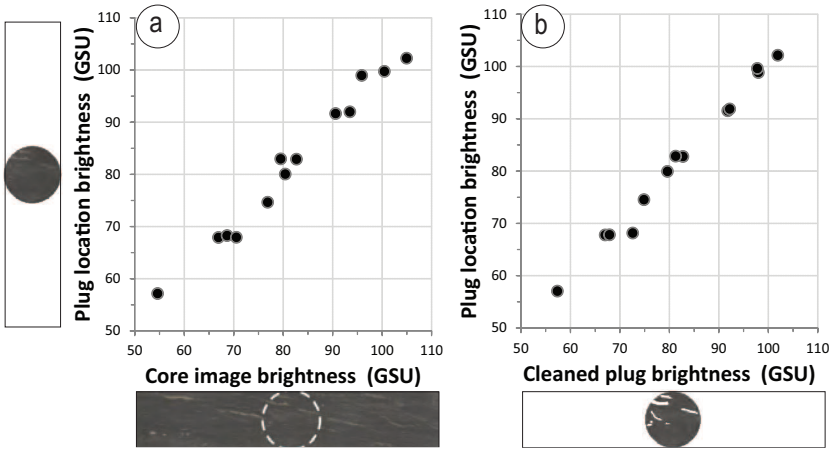


Figure 5–7 Plug image properties are (a) insusceptible to sub-mm-scale CI stains and (b) reflect the image properties of the full core width at the associated location (Well B19 examples).

of well B19 (Fig. 5–7) suggests that these very high resolution logs provide relatively rigid input data for the search of empirical correlations to the laboratory rock measurements.

Barring input quality, the outcome of the intended statistical analyses may be diagnostically conclusive only under consideration of input scale consistency. Therefore, the bulk of the core images from the wells of interest have been down-sampled to a common resolution of 3467 pixels/m (12 pixels/mm²). Finally, the images could be examined for statistical information that is purely rock-related.

The CIGS model The biggest obstacle was to determine the influence of precision in the recorded core sample depth, since allowing the sample location to vary can easily lead to subjective shifts that foster a high correlation coefficient. Although the general uncertainty with this issue is outlined in Chapter 1.3 it needs to be restated that neither the stratigraphic inclination relative to the borehole orientation, nor the exact location and angle of the drilled plug relative to the core (Fig. 5–8), and not even the exact location(s) of the measurement sub-samples relative to the plug is recorded.

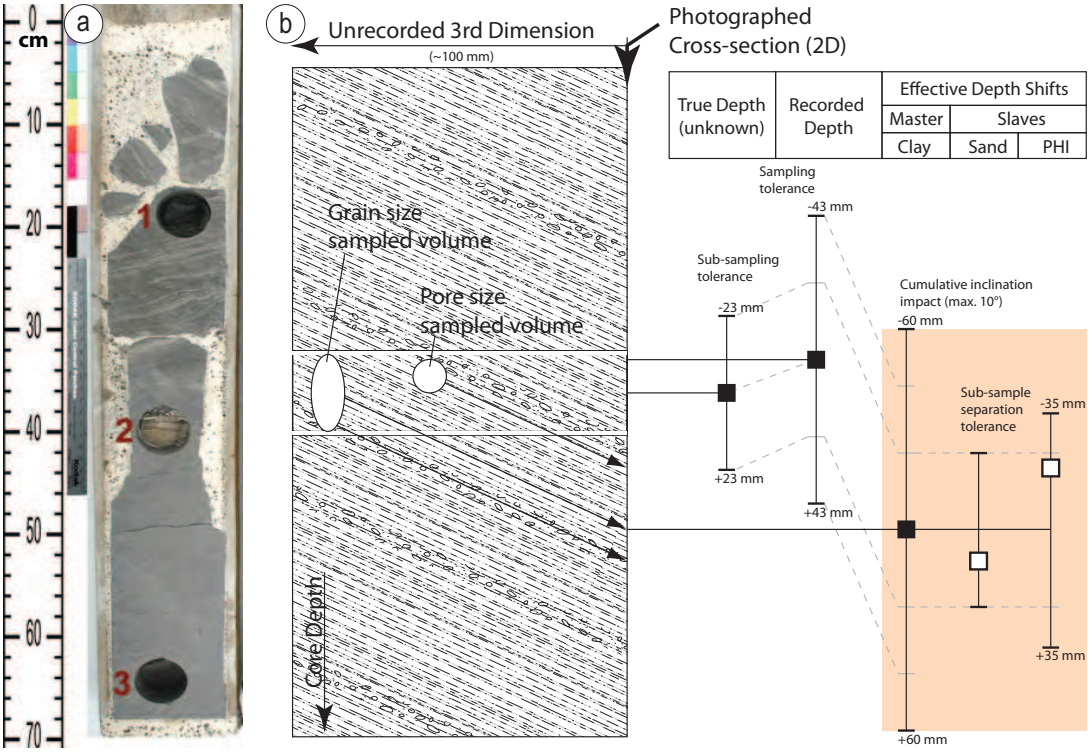


Figure 5–8 Inaccuracies in plug sampling depth by up to 2 cm (example from well B9, core depth 1922-1922.7 m; alleged sample depth: 1 – 1922.18 m; 2 – 1922.38 m, 3 – 1922.63 m) contribute to the overall uncertainty of approx. +/- 6cm.

Further, one needs to be aware that sub-samples for different laboratory analyses have been taken from different parts of the core plug. In other words, porosity and grain-sizes cannot be measured from exactly the same piece of rock. In case of homogeneous plugs this issue is possibly negligible, but as soon as there is micro-lamination involved the two sub-samples might have substantially differing properties. Hence it has been clear from

the beginning that working with static sample depths would not lead to a satisfying result. To minimise the risk of subjective sample shifting the well with the apparently most homogeneous CI sections in the vicinity of alleged sample locations has been chosen: B19.

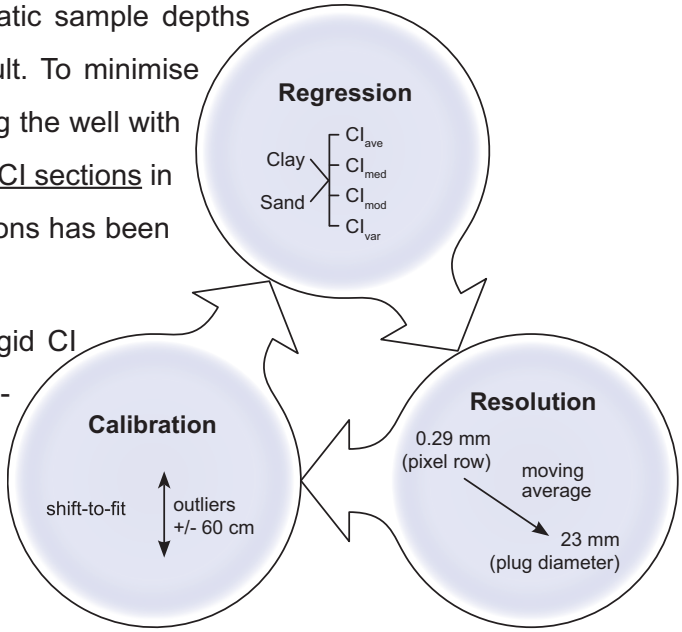


Figure 5–9 Iterative workflow for sample-to-CI grain size integration as a consequence of effective sample depth and resolution uncertainties.

Establishment of a sufficiently rigid CI model required tedious trial-and-error procedures (Fig. 5–9). The best fit between sampled grain size fractions and core image parameters of 16 quality mudrock samples from Well B19 led to the following empirical relations (Equs. 5a-b).

$$\text{Clay [\%]} = 140 + 6.83 \cdot CI_{ave} - 7.75 \cdot CI_{med} - 0.242 \cdot CI_{var} \quad | \; R^2=0.95 \qquad \textbf{(5a)}$$

$$\text{Sand [\%]} = -8 - 0.796 \cdot \text{EXP}(CI_{ave}/20) + 0.918 \cdot \text{EXP}(CI_{med}/20) + 0.0675 \cdot CI_{var} \quad | \; R^2=0.99 \qquad \textbf{(5b)}$$

Strictly, these formulae are applicable to the grain size range of the reference laboratory measurements. Modelled values outside the range from 0% to 100% required normalisation (Equs. 5c-d; see also Fig. 5–10).

$$\text{Clay}_{norm} \text{ [\%]} = \text{Clay} / \text{SUM}(\text{Clay,Silt,Sand}) \cdot 100 \qquad \textbf{(5c)}$$

$$\text{Sand}_{norm} \text{ [\%]} = \text{Sand} / \text{SUM}(\text{Clay,Silt,Sand}) \cdot 100 \qquad \textbf{(5d)}$$

The fundamental sand equation (5b) includes two exponential expressions that provide the non-linear boundaries in the sand-*vs*.-clay plot (Fig. 5–10c). This feature is important since it leaves space for the intermediate grain-size: the silt content.

When estimating porosity and permeability from grain-size properties of fine-grained

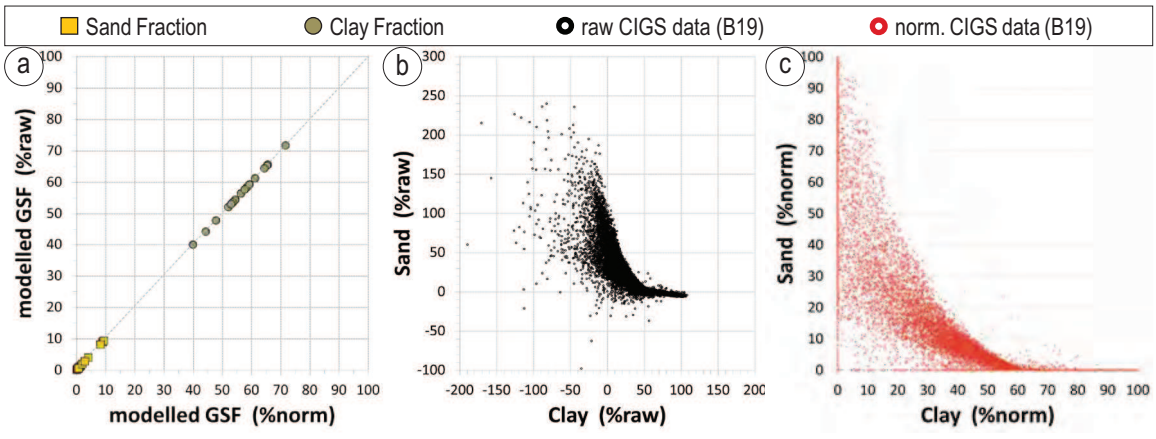


Figure 5–10 (a) Final calibration and (b) sand vs. clay cross-plot of the raw model output for well B19 before (c) normalisation. The normalised model results in clay and sand fractions which sum up to a value of less than 1, leaving the remaining space for silt content.

sediments it may be useful to generate additional information about the distribution of cohesive silt (ChS, 2-10µm) and coarse silt (CrS, 10-63µm). Using the available database of 343 grain-size analyses from the Nile Delta area (see Appendix C) it is possible to narrow the cohesive-to-coarse silt range as a function of clay and sand content (Equ. 5e).

$$CrS_{static}\,[\%] = 123 - 1.26 \cdot Sand + 1.2 \cdot Clay + 4.25 \cdot SQRT(Sand) - 23 \cdot SQRT(Clay) \quad | \quad R^2 = 0.83 \qquad \textbf{(5e)}$$

However, the absence of a strict cause-and-effect relationship in Equation 5e leads to an insufficient coverage of the measured silt ratio range in Figures 5–11a and 5–11b. It was therefore necessary to implement a random number function that covers the measured data scatter (Equs. 5f-g).

$$CrS\,[\%] = \tfrac{1}{2} \cdot CrS_{static} + \tfrac{1}{2} \cdot RANDBETWEEN(CrS_{static} \pm 20\%) \quad | \quad CrS\,[\%] \in \{0, CrS_{static} + 20\%\} \qquad \textbf{(5f)}$$

$$ChS\,[\%] = 100 - Sand - CrS - Clay \qquad \textbf{(5g)}$$

This is the best solution since it is not being dealt with a representative data set, *i.e.* utilisation of weighted probabilities in order to further confine this range is not justified. As expected, the modelled cohesive-to-coarse silt ratios fall within realistic ranges (Fig. 5–11c).

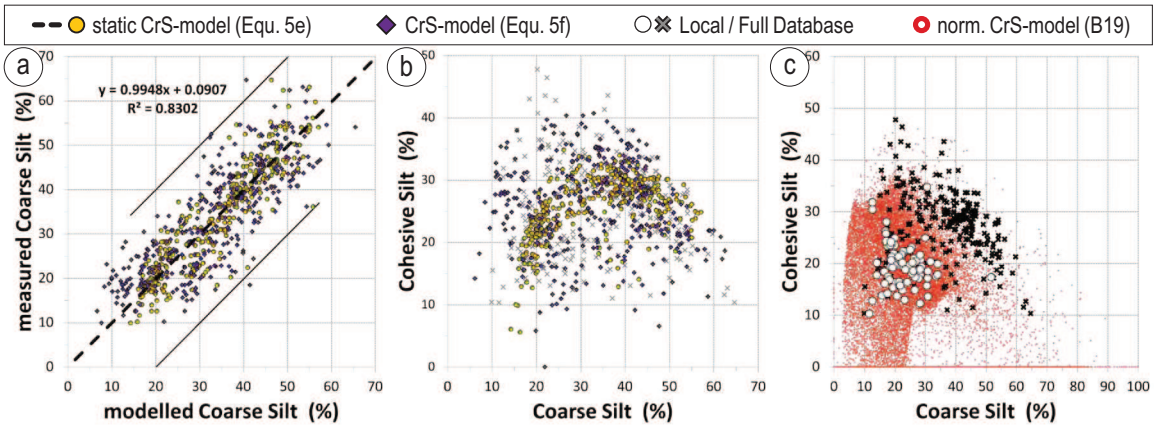


Figure 5–11 (a) Cross-plot between modelled and measured coarse silt content and (b) range of cohesive-to-coarse silt relation both with initial regression and random number weighting of 50%. (c) The output of the CrS-model for well B19 falls within the expected range of local grain size measurements from wells B19/20/22/24 and the rather silty samples from other Nile Delta wells.

Calibration & Harmonisation The precept of coherency calls for an expansion of the empirical relations found for well B19 towards a generic model that can be applied to any core interval recovered from siliciclastic sediments. Given the poorly constrained sample-to-depth uncertainties (Figs. 1–14, 5–8, and 5–9) it is not advisable to establish individual models for each alternative Nile Delta well. Although initial tests suggested that the regression technique is universally applicable, it led to strongly well-specific empirical equations (not shown). This observation clearly clashes with the consistent CI quality described earlier.

As it turned out, further investigations revealed a strongly linear shift between the CI

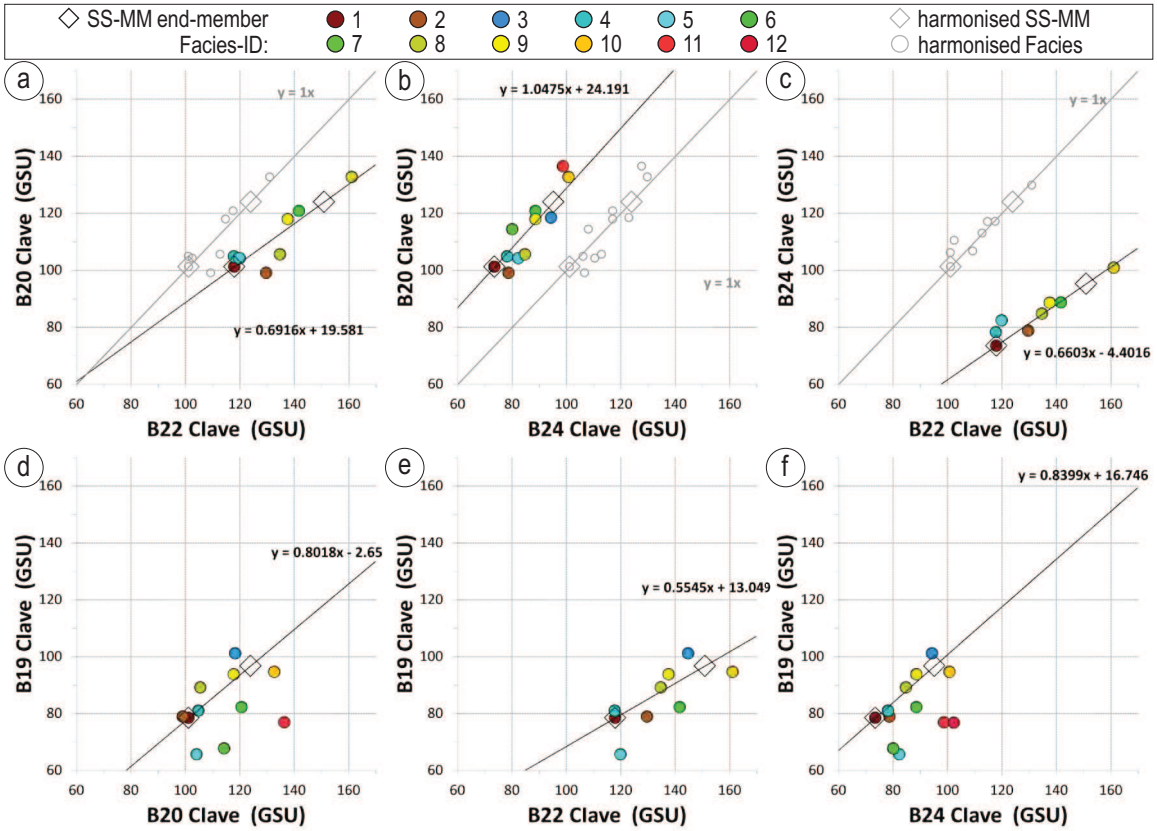


Figure 5–12 Cross-plots between the average CI brightness of allocated facies intervals from the wells under consideration. (a-c) The good correlation seems to be a function of core moisture given that the photo quality is comparably consistent between the wells. (d-f) Some of the sand-rich facies in the reference well (B19, see y-axes) substantially deviate from the findings of the remaining wells. See Figure 5–3 for facies description and colour coding.

brightness of the four wells under consideration (Fig. 5–12). The simplicity of this core interrelation suggests that it reflects bulk moisture variations of the photographed rock surface. Hence, the systematic offset between the wells is interpreted as an expression of wellsite specific core management in the period between its recovery and photography.

It is further proposed that the scatter in Figures 5–12a-c originates from fundamental lithological differences between the well locations and possibly some inaccurate facies allocations. Therefore it seemed advisable to use the average brightness of the massive mudstone facies (MM) and sandstone facies (SS) for end-member regression. Since some sandy sections from well B19 appear suspiciously dark (Figs. 5–12d-f) this approach fosters the opportunity to check the brightness distribution of all alleged sandstone intervals (incl. laminae) for quality control (Fig. 5–13).

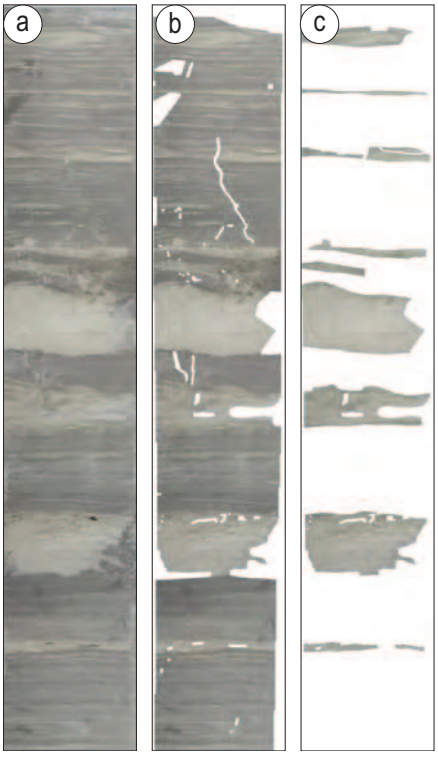


Figure 5–13 (a) Original, (b) cleaned/cropped, and (c) sand-filtered core image (example facies 8 from well B22, core depth 1726-1726.7 m)

As suspected the strong bimodal distribution of B19 sand brightness affirms the existence of continuous intervals that have a brightness anomaly, hereafter referred to as dark sandstone anomaly (Fig. 5–14). It remains unresolved whether this bias is related to *in situ* conditions (*e.g.* sedimentary organic matter, residual oil stains/ palaeo-biodegradation) or drilling and recovery processes (drill mud contamination). Nevertheless, the proposed harmonisation of the empirical formulae required a reasonable correction for the dark SS anomaly.

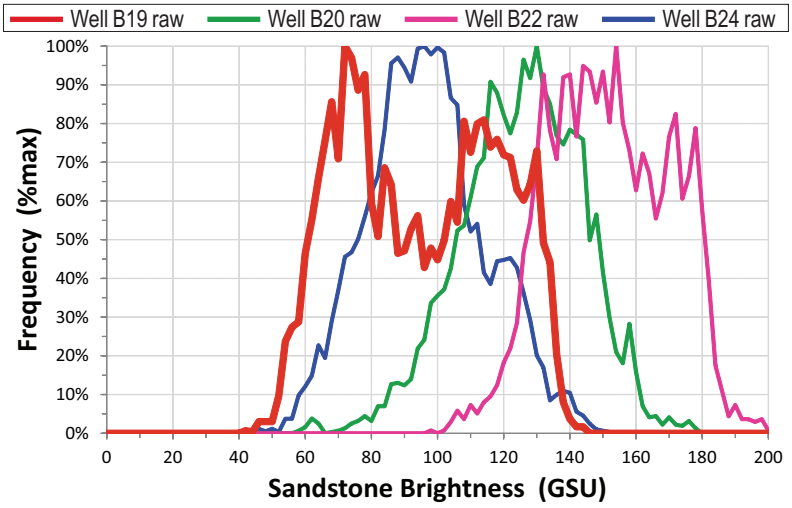


Figure 5–14 The lower mode in well B19's distinctive distribution of cropped sand brightness represents a dark sandstone anomaly. Offsets relative to the remaining wells are subject to differential core moisture, as explained in the text.

Greyscale correction of the dark SS anomaly in parts of well B19 requires discrimination from the normal or clean intervals. A subjective allocation of "dark" and "clean" has been rejected for reasons of poor reconstruction. In addition, naturally dark laminae could easily be overridden during manual picking. An initial concept to utilise COGR signals failed for reasons of scale, resolution, and depth mismatches (see Appendix A). Alternatively, the definition of a lower limit cut-off for natural SS brightness in B19 has been defined by temporary bulk harmonisation of the four SS distributions (Fig. 5–15). Trial-and-error tests with running average brightness on all four wells have shown that for the pristine wells only 0.8-3.1% of their total sandstone sections fall below the defined cut-off when applied to the 10 cm vertical mean, opposed to 27.3% for the biased well B19. At the same time, dark pixel rows from B19 that were not marked from this screening procedure fall within the range of the SS reference wells, and manual inspection of the

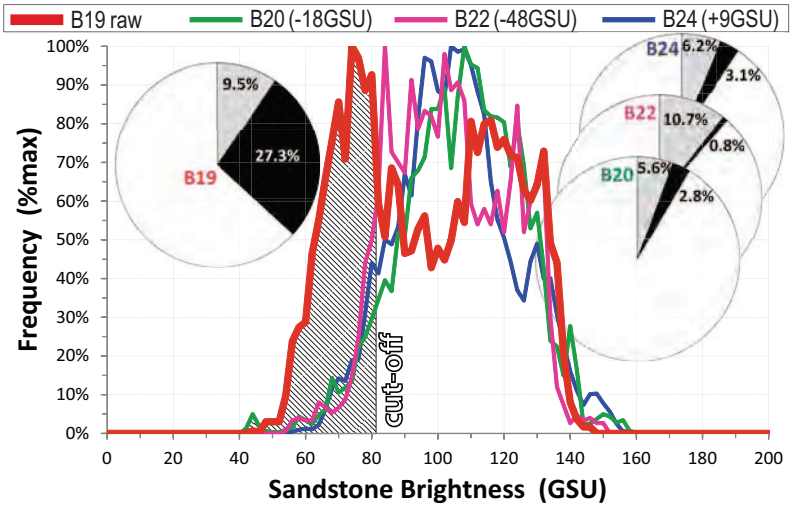


Figure 5–15 Normalisation of the mean brightness in sandy sections reveals the dark sandstone peak in B19. In the critical zone (hashed area) it is the proportion of brightness averaged over a vertical 10 cm (black pie chart area) that picks up the biased sections. This procedure enables filtering for naturally occurring dark laminae (grey pie chart area) prior to correction of B19's sandstone distribution.

detected dark sand sections affirmed that the method successfully skipped unsuspicious sand features such as naturally dark laminae.

Corrections can be applied without affecting the mean of the believable sand distribution by simple superimposition with the biased distribution (Fig. 5–16a). This procedure is acceptable given that no grain size calibration data from sandstones is available, that this study focuses on fine-grained sediments, and that the CI harmonisation aims for the MM and SS mean. Also, pebbly and conglomerate sections have in principle been neglected in this study (Fig. 5–16b).

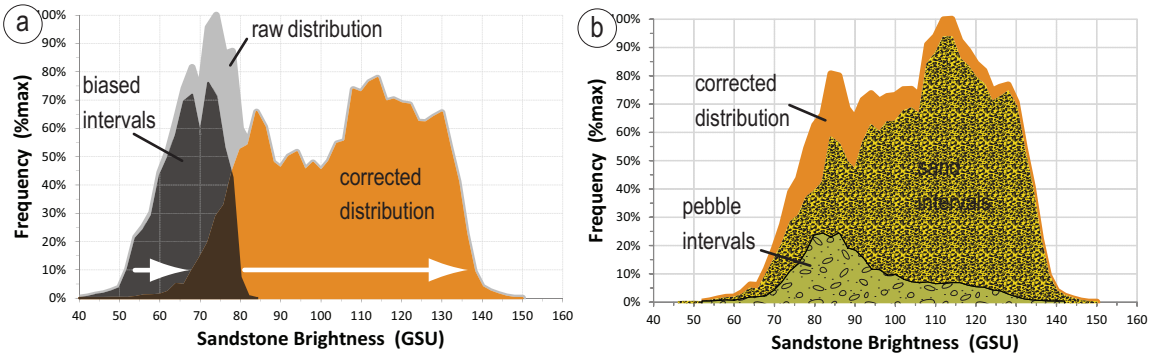


Figure 5–16 (a) Superimposition of the isolated dark SS anomaly onto the believable ("healthy") distribution is considered valid since it does not modify its mean (see text). (b) Splitting of the fixed SS distribution into sandy sections (facies 10 and below) and pebbly/conglomerate sections (facies 11/12) indicates that the latter show a strong skew towards the darker end which will be due to dark macro-grains. Since those grains will also lead to a lower CI variance the associated sections are not compatible with the concept of the applied grain size model and have hence been neglected.

Still, although this procedure does reproduce the original distribution of sandy sections to reasonable extent the exact motion path from "clean" to "dark" of each individual pixel row cannot possibly be inverted simply because that information is lost. Hence, the CI parameters of the three remaining wells were harmonised to the B20 slope (Figs. 5–12a-b) before referencing to B19 (Fig. 5–17).

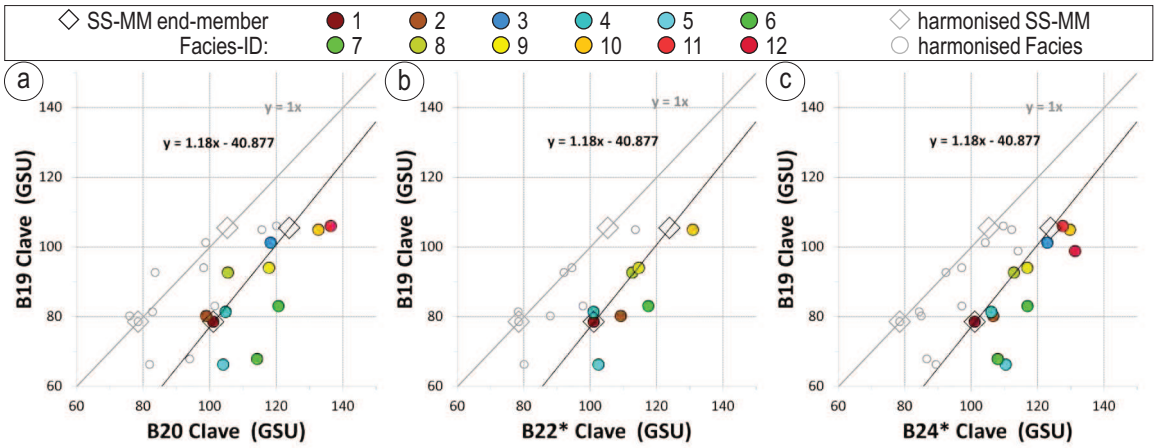


Figure 5–17 The cross-plot between average facies greyscales of the B20-harmonised wells (asterisked; see text) and SS-corrected B19 yields an improved trend that can be used for CI harmonisation between all of the four priority wells.

The resulting differences in linearity between the average clay and sand end-members

of the non-harmonised CIs directly represent differing core moisture conditions (Fig. 5–18a). The mean sandstone brightness for each of the three linearly adjusted CI sets resembles the manual bulk shift that was previously applied for quality control (Fig. 5–15), *i.e.* the initial cut-off for the dark SS anomaly in B19 is sufficiently well constrained.

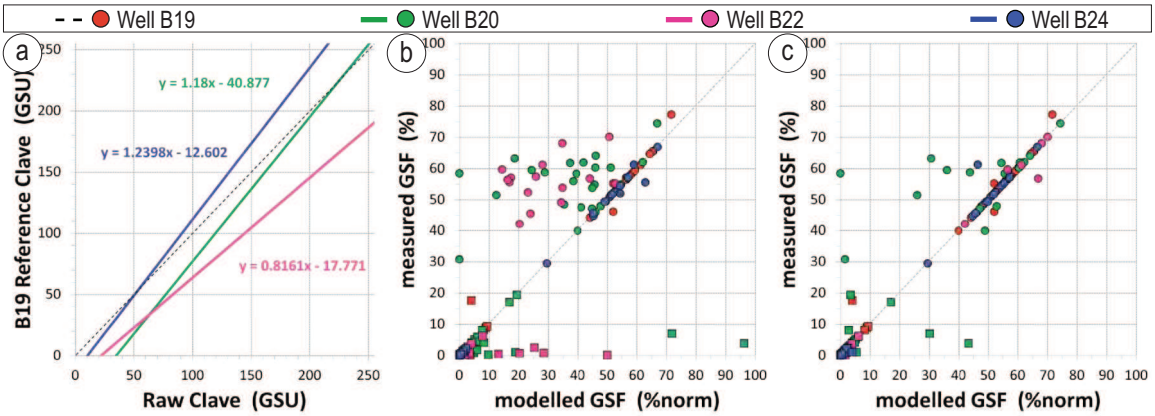


Figure 5–18 (a) Linear relations for CI harmonisation show that B22 had the dryest core whereas the freshest was photographed from B24. When recalculating the CI parameters with these formulae it is important to remember that the variance equals the square of the standard deviation, *i.e.* linear variance modification proceeds using the square of the function's slope. The modelled values of (b) the B19 calibration are substantially enhanced (c) upon application of the well-specific harmonisation functions. See text for discussion.

Further, application of the CIGS model from B19 to the harmonised wells yields a very satisfactory result (Figs. 5–18b,c). However, some measurements from B20 could not be modelled correctly. Underestimated clay content and overestimated sand content could be an indication that one ore more of the B20 cores has been exposed to the atmosphere for a longer time period before photography than other, leading to a stronger brightening from dessication and thus a bias in the model. However, the overwhelming majority of data points that fit the equations at the proposed sample scale (5 mm) allows a careful application to the discrimination of mudstones from siltstones at the facies scale (≥ 5cm). The total range of the calibrated and harmonised 3-fold grain size distributions along with probability densities of coarse and cohesive silt fractions is shown in Figure 5–19.

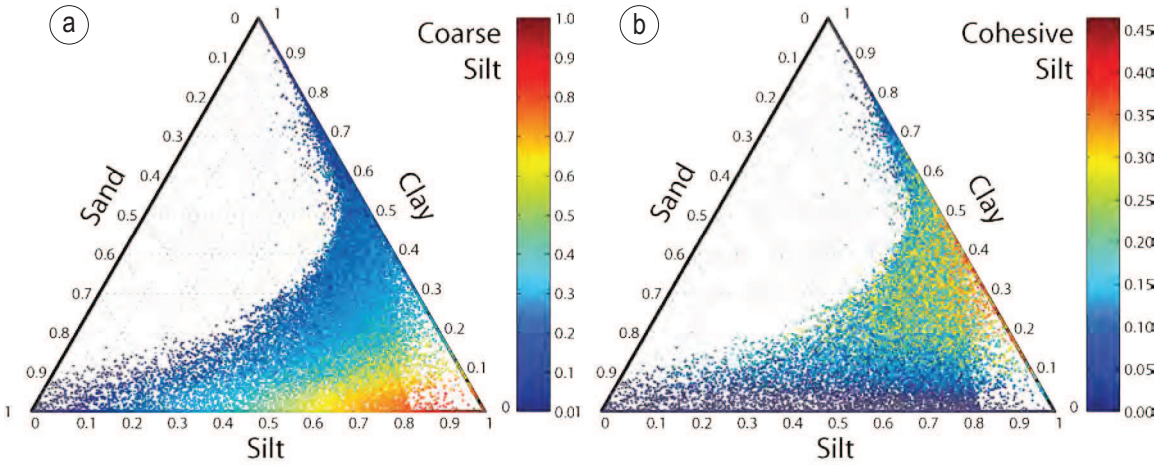


Figure 5–19 Generated distribution in volume fraction for (a) coarse silt and (b) cohesive silt in the ternary grain size diagram.

Porosity and permeability propagation While the grain size distribution describes the matrix or structural framework of a sediment it does not, however, give quantitative information about the associated pore volume. In fact, diagenetic processes such as compaction and cementation need to be accounted for when considering the pore space estimation over a great depth range.

Fortunately, the Pliocene section of the Nile Delta stratigraphy does not contain any major carbonate deposits that could have suffered severe calcite cementation via dissolution/precipitation processes. Likewise, formation temperatures barely exceed 80°C which technically precludes quartz cementation from mineral diagenesis such as smectite-to-illite transition (Bjørlykke 1998). Accordingly, mechanical compaction is the sole additional factor that needs to be considered when deriving a porosity estimation from CI parameters. The best model (Fig. 5–20) was found when incorporating lithostatic stress σ (Equ. 5h, *cf.* BP Egypt) and the compaction coefficient β (from Yang & Aplin 2004).

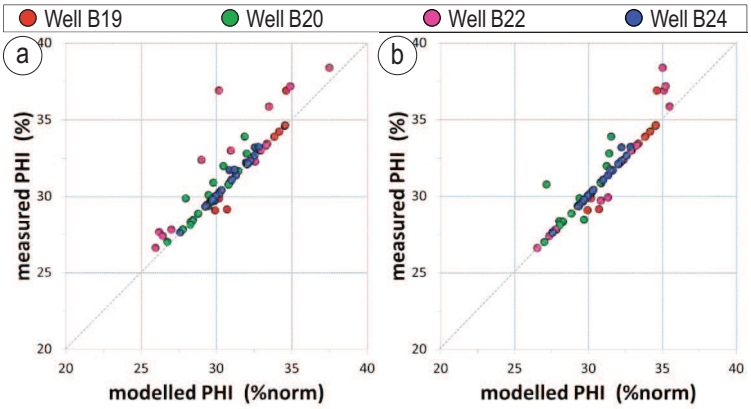


Figure 5–20 Porosity model for (a) the raw CI parameters and (b) the harmonised parameters. No normalisation was required since the model appears comparably insensitive to manipulation of the original CI parameters. This observation may be explained by the small overall porosity range and the sample depth fitting.

$$\sigma\,[\mathrm{MPa}] = 7.26177\cdot10^{-7}\cdot\mathrm{MDSB}^2 + 1.86055\cdot10^{-2}\cdot\mathrm{MDSB} \quad | \; R^2=1.0 \qquad \textit{(5h)}$$

$$\varphi\,[\%] = -20.8 + 0.241\cdot CI_{ave} + 0.0565\cdot CI_{var} - 0.185\cdot CI_{mod} - 0.979\cdot \mathrm{EXP}(CI_{ave}/20) + 1.12\cdot \mathrm{EXP}(CI_{med}/20)$$
$$- 0.431\cdot\sigma + 93.3\cdot\beta - 0.858\cdot\mathrm{Sand} + 0.532\cdot\mathrm{Silt} \quad | \; R^2=0.90 \qquad \textit{(5i)}$$

The average porosity *versus* burial depth curve for the cored Pliocene mudstones of the western Nile Delta fan is shown in Figure 5–21. Further, modelled porosity and grain size logs enable the high-resolution study on mudstone permeabilities according to the empirical formulae of Yang & Aplin (1998 2010), as outlined in Chapter 4.2. The porosity curve can be used to calculate a global permeability-depth path (Fig. 5–22a) from the peak frequencies in hypothetical permeability distributions of the Pliocene mudstones (facies 1-4) at any given burial depth (Figs. 5–22b-c). Such synthetic diagrams could provide probabilistic flow rate boundaries for mudstone grid blocks in regional basin models. In this study, however, the derived porosity (and permeability) data will be used to calibrate wireline porosity logs as important input parameter for the hydrocarbon saturation model in Part III.

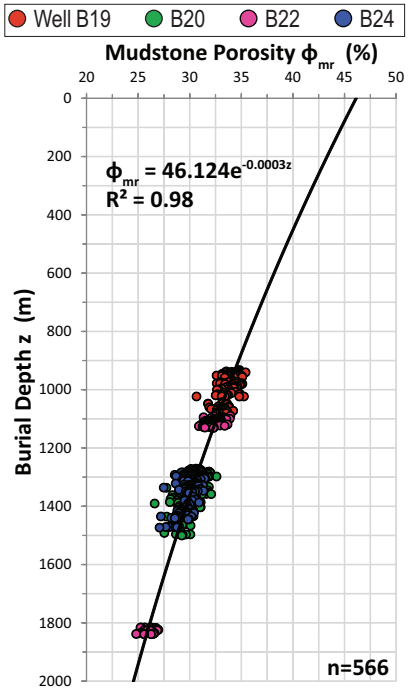


Figure 5–21 The global (10m) average of mudstone porosity (φ_{mr} of facies 1-4) yields an exponential decline with increasing burial depth.

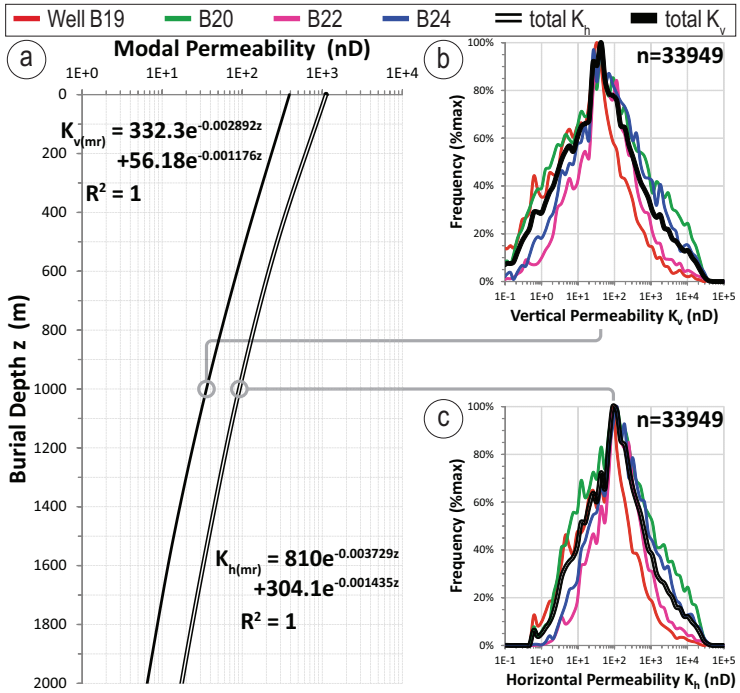


Figure 5–22 (a) Modal permeability-vs.-burial depth path for an undistinguished Pliocene mudstone in the western Nile Delta fan. Distribution plots refer to 5mm-scale (b) vertical and (c) horizontal mudrock (mr) permeabilities (K_v and K_h) at a mechanical compaction equivalent to 1000 m.

Validation An automated scan was performed to establish the best-fit between measured grain/pore size data and core parameters (in Figs. 5–18c and 5–20b) within the uncertainty range of the sample depth (Fig. 5–8). Analysis of the resulting sample shifts along the core yields valuable information about the validity of the proposed depth uncertainty.

The sample depth shifts resulting from the master auto-scan (aided by a simple algorithm; see Fig. 5–8b for disambiguation) that matches modelled with measured clay content are predominantly situated well within the vertical shift window of ± 60cm (Fig. 5–23a). Given the variety of factors that caused the discrepancy between recorded and

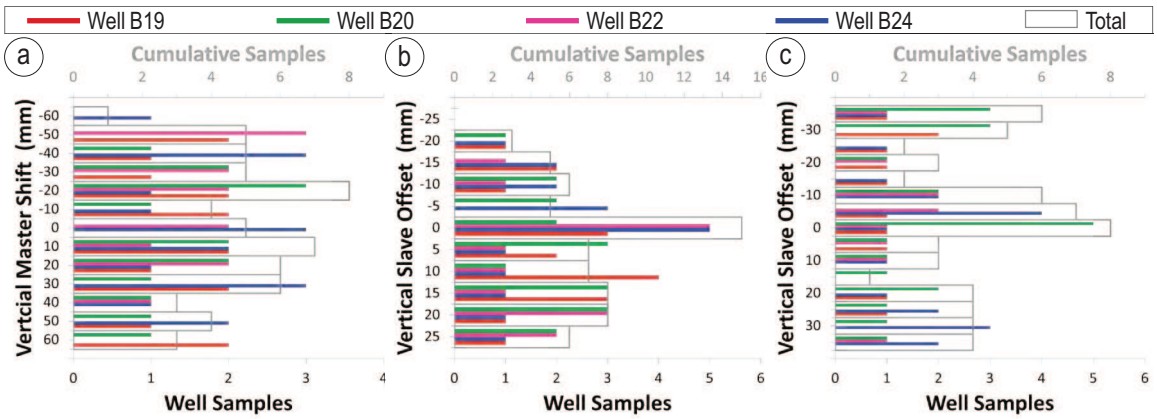


Figure 5–23 Distribution of sample depth shift in order to meet the measured rock properties. (a) Master shift for the clay fraction model, and slave shifts relative to the master shift position for (b) sand model and (c) porosity model.

true sample depth the master shift distribution is not expected to reveal any more explicit cumulation near the central position.

In contrast, the slave shifts (Figs. 5–23b-c) especially of the sand regression but also to some lesser extent of the porosity model are by definition spatially related to the clay master position (see Fig. 5–8b). As this dependency has initially been only of theoretical nature upon integration of clay, sand, and porosity model the presence of a unimodal distribution for sand shifts (Fig. 5–23b) now supports the validity of the model set up and affirms that a sand signal can be picked up from clay-dominated core intervals. Further, the bi-to-trimodal distribution for porosity shifts (Fig. 5–23c) affirms that a significant number of porosimetry samples have a slightly but distinctively different effective depth than the grain size samples, depending on where exactly the sub-samples have been taken within the three dimensions of the core (see Fig. 5–8b).

Comparison of modelled porosity *vs*. clay with wireline log PHIND *vs*. VSH interrelations (Fig. 5–24) largely validate the applied PHI-model given that no wireline log harmonisa-

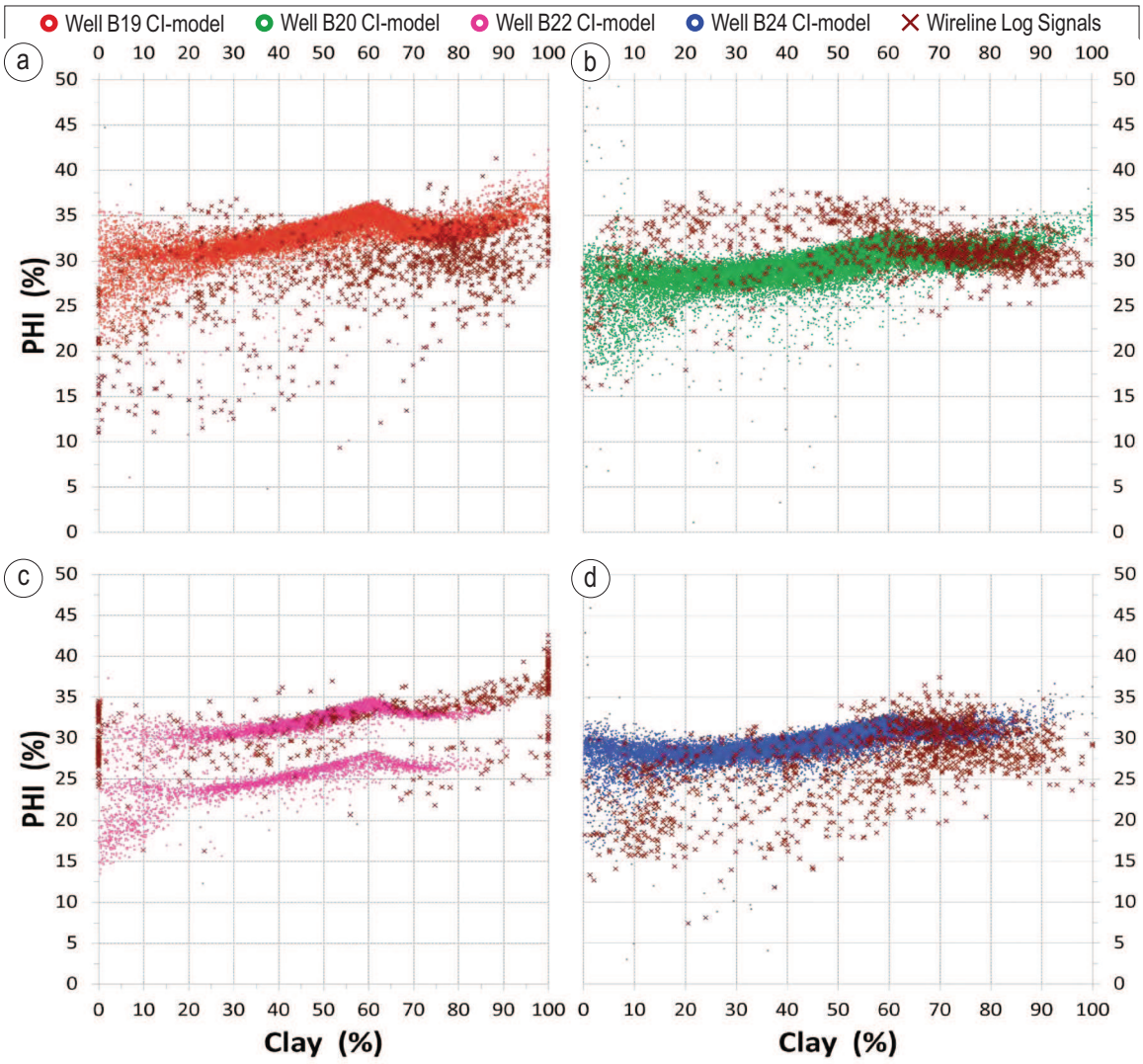


Figure 5–24 Comparison of PHI-model with clay-model results. This plot has been chosen to compare the data ranges with PHIND vs. VSH data from wireline logs that cover the cored intervals. (a) Well B19, (b) B20, (c) B22, (d) B24. Note that wireline log signals at this stage are not yet harmonised (see Chapter 5.3). See Figs. 7–26 to 7–29 for calibrated porosity data.

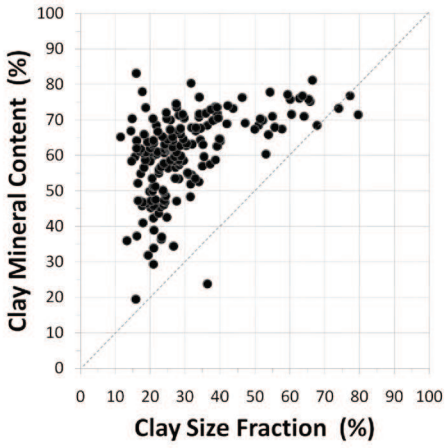


Figure 5–25 QXRD results from the mudrock database imply that clay mineral content has the tendency to exceed the clay size fraction.

tion has yet been performed between the wells (subject to Chapter 5.3). Major deviations can be seen for Well B20, but for the remaining wells discrepancies between modelled and wireline data will be an issue of scale/resolution as well as a proposed mismatch between clay grain size fraction (<2µm) and clay mineral content (Fig. 5–25). However, potential property discrepancies between XRD and sedigraph subsamples from a heterogeneous core plug restricts this kind of data integration (see Chapter 1.3).

The applied grain size and porosity model from core images is considered valid for the property ranges of the analysed mudrock core samples. Applications to sands is restricted by missing input data and their potential to acquire dark coatings that are incompatible with the herein proposed approaches.

5.2 Core facies evaluation

Depth-independent parameters such as high-resolution grain size logs may provide powerful information to perform a coherency assessment of the predefined and subjectively allocated lithofacies in Figure 5–3. In other words, the rock property propagation along photographed core sections in Chapter 5.1 can be used as a quality control that ensures consistent facies interpretation and may represent a first step towards an entirely automated recognition of similar lithological units.

Since the error of the CI models remains unconstrained for sandy strata but yet the model picks up a physical signal (variations in both sand content and porosity) from the core images it has been decided to upscale the generated grain sizes to the facies resolution by computing the global average per core facies unit. Apart from accommodating the profound uncertainty issue another benefit of this procedure is that individual facies sections are closer to the wireline log resolution than the original 5mm CIGS raster (Fig. 5–26). This evaluation approach is based on the assumption that predefined facies boundaries truly

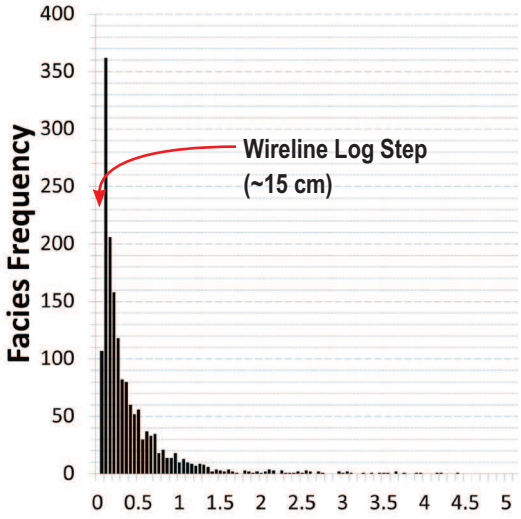


Figure 5–26 Resolution of manually defined facies intervals cumulates around the wireline log resolution (~0.15 m).

discriminate between vertically stacked lithological units.

As mentioned earlier, facies types reflect a blend of prevalent grain sizes (micro-scale) and rock texture (meso-scale). As textural features were already considered during the manual facies allocation (Fig. 5–3) the encountered challenge for calibration of these predefined facies is to apply grain size criteria that yield adequate boundary conditions for the identification of facies that have too faint textures (*i.e.* low contrasts between grain size fractions) to be picked up as a distinctive signal pattern in the wireline log suites (*e.g.*

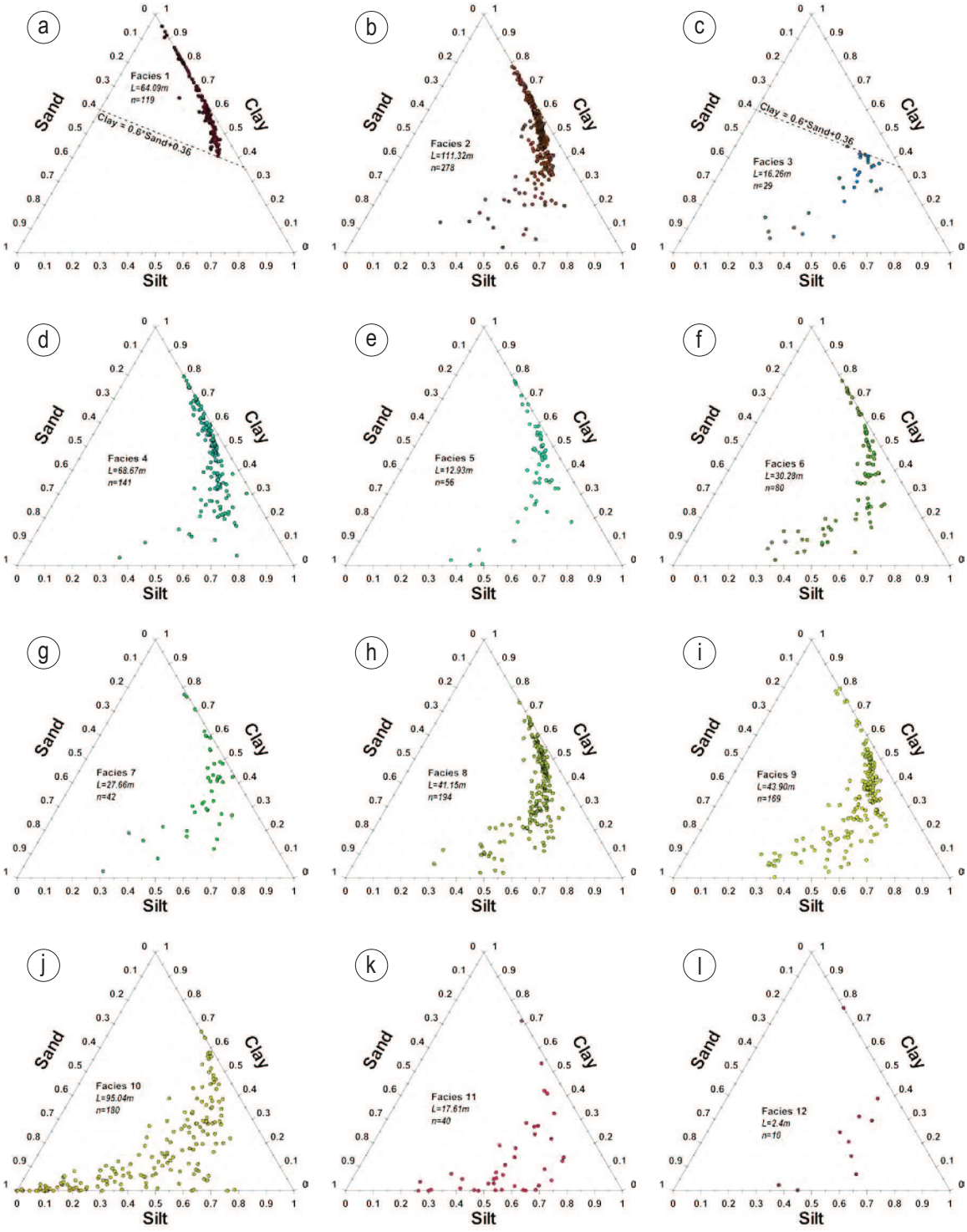


Figure 5–27 Manual facies definition and CIGS output. See text for discussion.

Serra & Serra 2003). In fact, the earlier mentioned continuous transition between different facies allows some clearance in the detection of more or less crudely mis-interpreted textures through the study of mean grain size outliers.

In practice, facies that appear to be dominated by a single grain size fraction (75-80%) have been re-allocated to the respective facies (mudstone, siltstone, sandstone) where necessary. Further, siltstone sections (facies 3) can now be distinguished from clay-dominated mudrocks (facies 1) along the most prevalent gap in the combined grain size diagram (Figs. 5–27a,c).

Although there are already characteristic tendencies in most of the facies-to-grain size plots the result is still not satisfying for a significant fraction of the sand-prone facies (Figs. 5–27e-l, undistinguished) due to unexpectedly large modelled clay contents. It is proposed that this mismatch is partly due to the fact that mean grain sizes do not resolve the texture of a given unit (Fig. 5–28), but mostly due to the dark sandstone issue that may now be considered a global phenomenon rather than being restricted to well B19 alone (Figs. 5–27i-l, undistinguished). It is likely that intermingling of sand slides along the channel axes with thin hemipelagite toppings or other clay-rich levee deposits could explain the unusually low brightness of some of these sections. This discrepancy between visual interpretation of sand-bearing facies and modelled grain sizes precludes a statistical re-evaluation for facies 5 and above. Likewise, core sections suspected to comprise carbonates (facies 13) are also not unconsidered in this assessment because they do not comply with the concept of the CIGS model (Chapter 5.1).

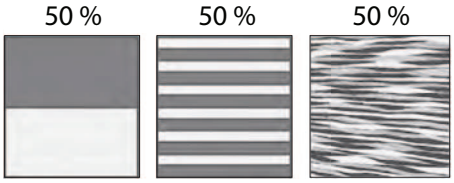


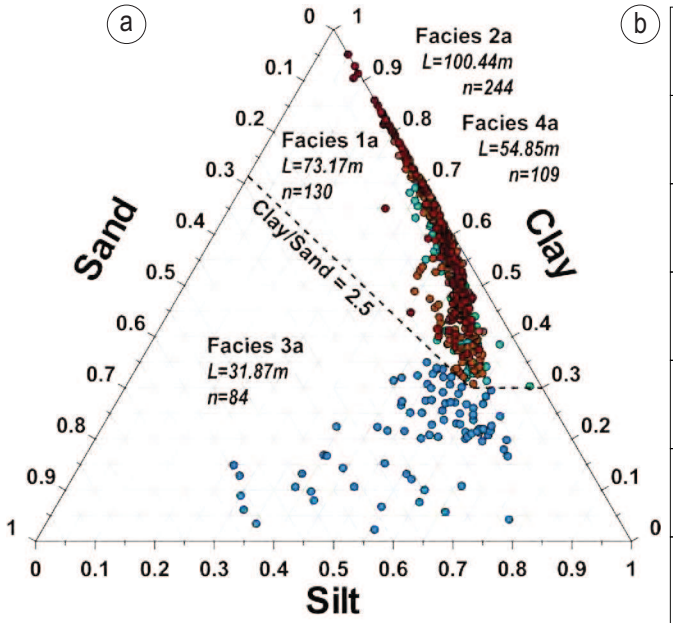
Figure 5–28 Different textures may account for the same bulk lithotype proportion (by courtesy of K. Kurtev with material from Nordahl *et al.* 2008).

More sophisticated algorithms may be capable of further processing the grain size distribution along the entire length of each core image section, picking up recurring patterns and grouping that information to any desired number of lithotypes. However, the applicability of quantitative facies description should be validated on a basic level before it may eventually expand towards more complex and time consuming models. As the sandy facies are not satisfyingly recognised by the grain size model (Fig. 5–27) the initial subjective interpretation of facies 5 to 13 cannot be validated in terms of consistency and reproducibility. Therefore, testing of different facies classifications on the basis of grain size and texture properties for their degree of recognisability in wireline log signals will be entirely restricted to a set of mudstone facies variations (Fig. 5–29) in Chapter 5.3.

The sheer abundance of generated data points allows the unique mudstone definitions

in Figure 5–29 and at the scale given in Figure 5–26, not least because the continuity between grain size end-members precludes the universal and unequivocal classification of siliciclastic sedimentary rocks (Potter 2005).

a



b

Mudrock Variation	Facies Indices	Facies Description
original	1 2 3 4	homogeneous laminated silt-rich slumped
A	1a ≡ 1-3a 2a ≡ 2-3a 3a ≡ *f*(1,2,4) 4a ≡ 4-3a	homogeneous laminated silt-rich slumped
B	1b ≡ 1a 2b ≡ 2a+4a 3b ≡ 3a	homogeneous lamin./slumped silt-rich
C	1c ≡ 1a+4a 2c ≡ 2a 3c ≡ 3a	homog./slumped laminated silt-rich
D	1d ≡ 1a+2a+4a 3d ≡ 3a	claystone siltstone
E	1e ≡ 1+2+3+4	mudstone

Figure 5–29 (a) Example plot for the alternative mudrock facies classification 'Variation A'. The siltstone boundary (clay/sand ratio < 2.5 or clay content < 30%) and claystone boundary (> 80% clay content) is consistent throughout all proposed variations (b). Variations B-D reflect a systematic fusion of facies populations as defined in variation A.

5.3 Wireline facies propagation

In general, one of the most fundamental requirements for any kind of data integration is that the physical relation between the signals of interest is strong enough to reproduce one signal from the other and *vice versa*. It has been demonstrated in the previous section that grain size and core image data from mudstone intervals reflect these prerequisites to a reasonable extent. This outcome encourages to further investigate whether facies re-evaluation based on the CIGS output leads to significantly enhanced ANN propagation of lithological facies profiles along the wireline log sections.

In the petroleum industry, core recovery from deep boreholes is usually conducted within the reservoir and its immediate vicinity. However, since core texture and laboratory analyses provide the most detailed information on the smallest conventional scale it is desirable to generalise or upscale the lithological information and propagate it along the entire stratigraphic section where physical/chemical borehole information has been gathered. These wireline and mudlogged intervals in the western Nile Delta province comprise up to two kilometres of continuous measurements per well, while cored intervals range only from 60 to 350m. In this study, the aim of lithofacies-to-wireline log integration is particularly focused on obtaining a complete lithological characterisation of the cap rock

intervals where only little core information has been gathered.

Regressions between wireline log signals and facies type are multi-dimensional depending on the variety of log signals and facies used for the classification. Moreover, wireline logs represent continuous quantitative data whereas facies are forced into a subjective framework of usually not more than 10-20 qualitative classes. These structural discrepancies between the two input data types require the application of an artificial neural network (ANN). Suitable ANNs can be trained to discriminate the input facies according to their respective ranges of wireline signals in a multi-dimensional space. Here, the number of dimensions used for the regression is equivalent to the number of input log signals. Once the empirical link between facies and wireline signals is carefully calibrated, the trained ANN model can be propagated along the non-cored borehole intervals to determine the most probable output facies. A particular strength of ANN applications is that a sufficient quantity of training data will re-associate the few facies that were manually ascribed to the wrong category.

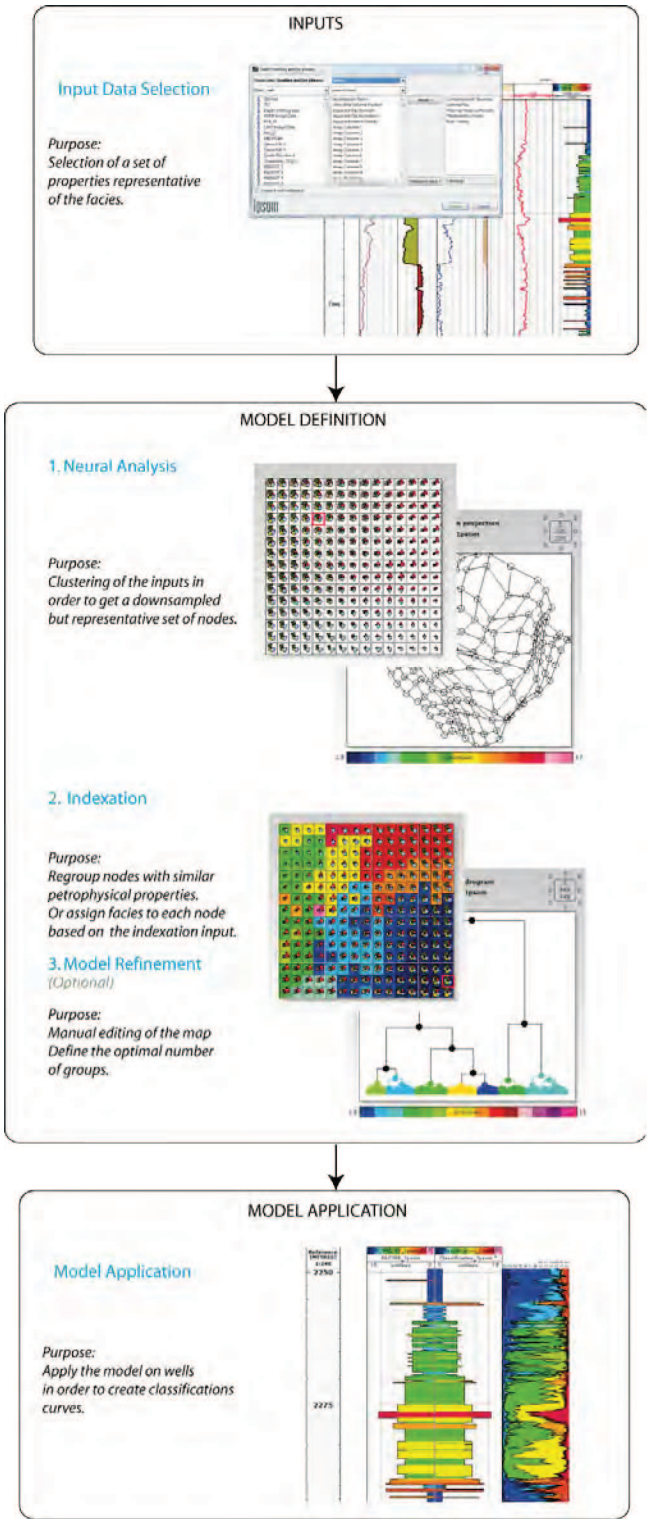


Figure 5–30 Ipsom workflow for supervised lithofacies recognition from any combination of wireline log signals (source: TechLog help file).

ANN training in this study has been performed by the *Ipsom*-module of the petrophysical software package TechLog 2010.1.3 (Techsia/Schlumberger). Ipsom is particularly designed for geological interpretation of well log data and facies prediction based on the principle of self-organising maps (Kohonen 1982 2001). A generalised workflow from the TechLog help file is shown in Figure 5–30.

However, calibration of the Ipsom

model is a difficult task. Firstly, the assumption that each manually defined facies can be uniquely picked up by a range of wireline signal combinations may not be true. Secondly, discrepancies between input and output facies within the core interval may not always be subject to a wrongly assigned input classification (*e.g.* atypical pore fillings, borehole wall disruptions, etc.). Thirdly, the scale over which facies occur and log signals are integrated may be different (*e.g.* Fig. 1–14). Here, the general logging step of about 15.24 cm may lead to boundary discrepancies between input and output facies of up to 7.12 cm because down-sampled facies boundaries fall right between the log steps (Fig. 5–31). Likewise, a strong facies contrast in the vicinity of a log signal may lead to a wrong classification because the logged property is a product of signal interference between the adjacent lithotypes.

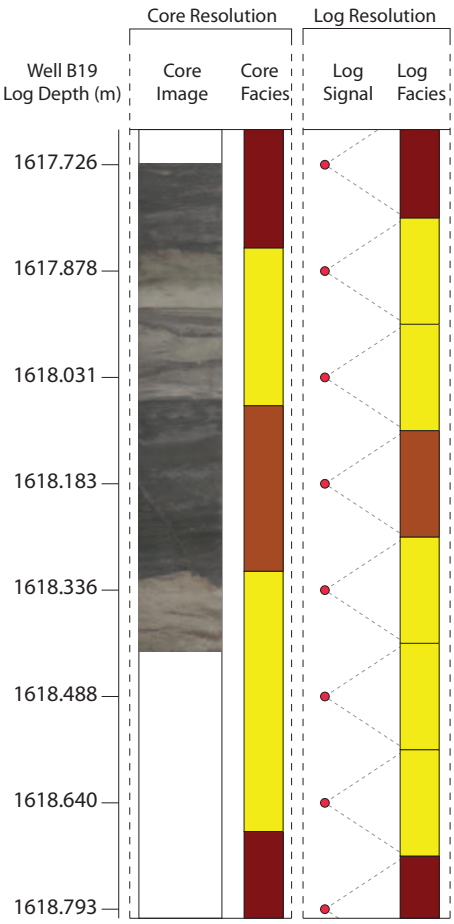


Figure 5–31 Resampling of initial facies boundaries to the wireline log scale may induce boundary discrepancies of up to 7.12 cm, which is half the log step (15.24 cm).

Log signal processing Apart from all the above restrictions it will clearly be a benefit for the sake of quality and coherency if the ANN training was performed on the bulk of the data set rather than individually for each well. Global ANN training compensates for facies that are rare or absent in one well compared to the others (Fig. 5–32).

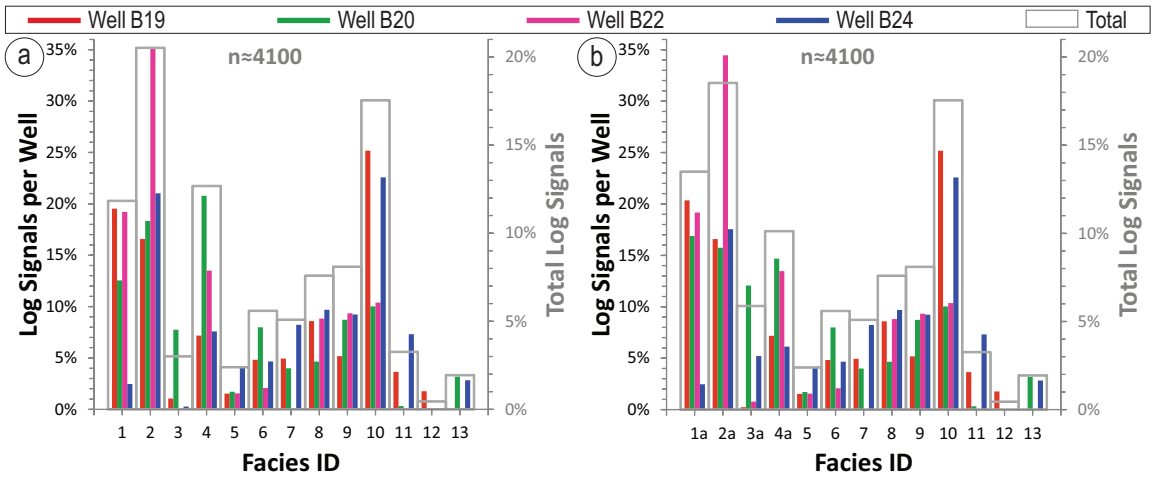


Figure 5–32 Distribution of wireline log signals that are associated (a) with original facies and (b) with mudrock variation A (see Fig. 5–19 for different mudstone facies variations). The latter has a more balanced log coverage (for the benefit of facies 3a) that may lead to an improved ANN training.

Treating the log signals of different wells in a single ANN training session inevitably requires signal harmonisation, *i.e.* correction for fundamental signal differences as a consequence of borehole environmental factors and individual logging device calibration (K. Kurtev personal communication). In the four wells investigated those environmental differences are considered negligible since they used the same oil-based drilling fluid and are run by the same contractor. However, a direct integration of wireline data from different wells is not feasible because the sensitivity functions of the applied tools are not preserved.

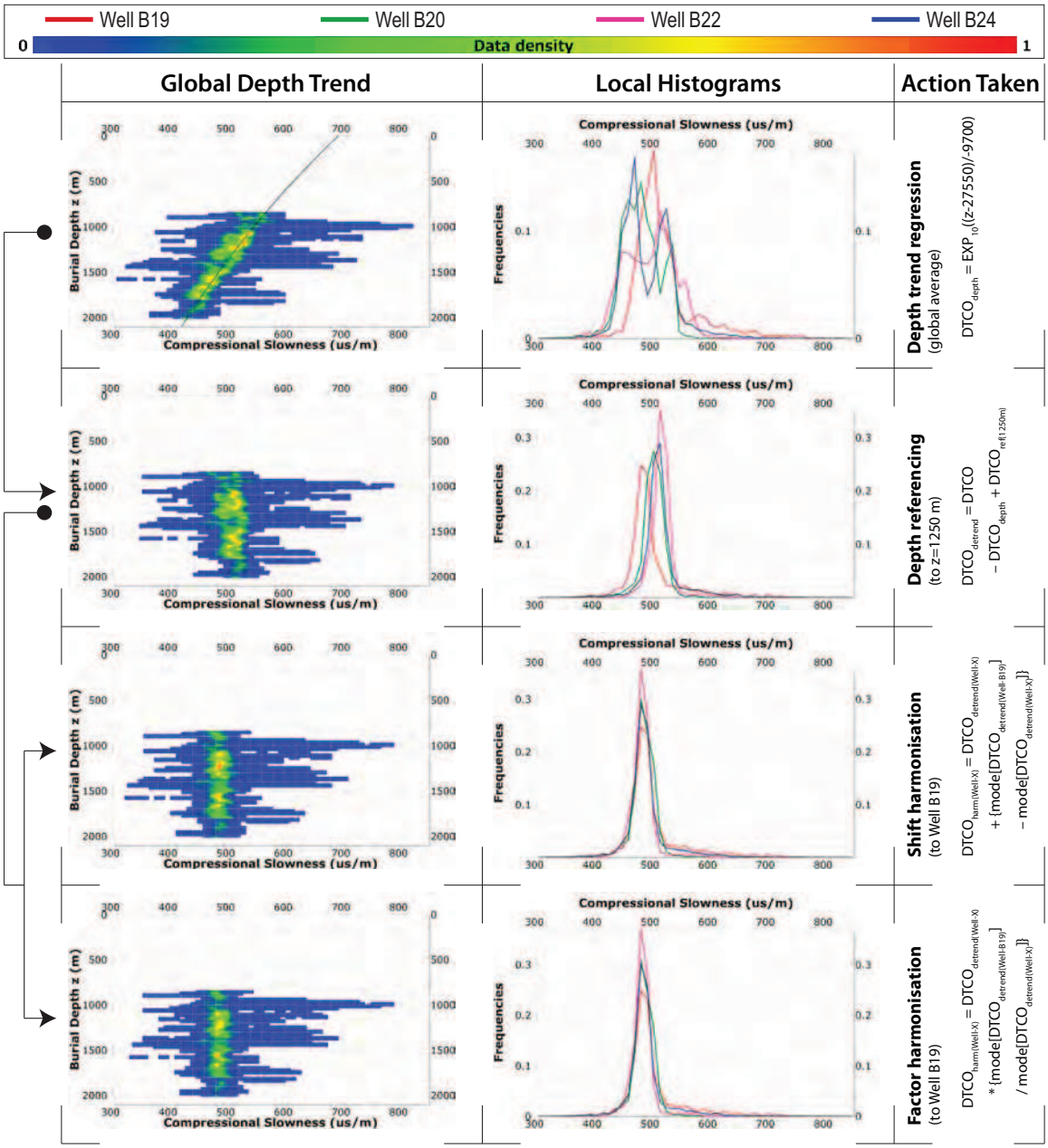


Figure 5–33 Detrending and two proposed harmonisation procedures (signal bulk shift vs. factor-matching) for the compressional slowness (DTCO) logs of different wells. Trends and histograms are specific to the log signal type but the applied formula structure is principally the same (see Appendix B for the entire log range). Reference burial depth for the detrended log signals was chosen to be at 1250m and the detrended signal distributions from Well B19 served as harmonisation reference for Wells B20, B22, and B24. us/m ≡ µs/m

An alternative workflow would incorporate the adjustment of signal intensity distributions between similar lithological intervals from different wells. However, the available biostratigraphic and sequence stratigraphic units (data not shown) indicate strong thickness variations from one well to the other as a function of their geographical position. In addition, shifts in log signals with increasing burial depth as a result of compaction further handicaps trustworthy manipulation of raw signal distributions.

In this study it is the depth trend of log signals that poses the most suitable opportunity for log harmonisation. Since facies do not change their macroscopic appearance during shallow burial it is important to remove any depth-related signal change prior to facies mapping and especially prior to propagation of wireline facies along a 2 km vertical profile (Figs. 5–33 and 5–34).

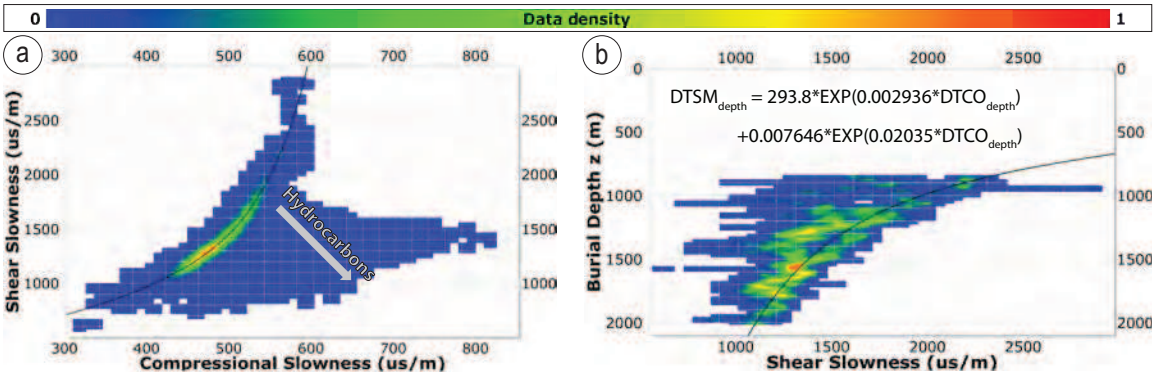


Figure 5–34 (a) The original velocity ratio is substantially affected by hydrocarbon saturation that (b) leads to ambiguous depth trends particularly in terms of the original shear slowness. Detrending and harmonisation for shear slowness were therefore conducted under preservation of the prevalent velocity ratio (see also Appendix B). us/m ≡ µs/m

The quality of the de-trending and harmonisation workflow is facilitated by a relative monotonous burial history devoid of detectable uplifting events (Fig. 1–2), the general absence of severe overpressure zones in the post-Miocene (*e.g.* Figs. 7–26 to 7–29), lack of substantial diagenetic cementation (chemical compaction), and the fact that the wells under consideration were drilled close to vertical (inclinations below 5°). The reference for wireline log detrending was chosen to be within a common burial depth where log signals of the individual wells are close to their baseline (1250 m). An alternative decompaction to surface conditions (0 m) was discarded due to the lack of associated calibration data.

ANN training Prior to the ultimate ANN calibration a series of training sessions were run in order to define the mudrock facies that have the highest recognisability on wireline logs. Further, the same study would help to identify the quality of performed log signal transformations as described in the previous section.

Input data for quality control are seven common log signals – both original and harmo-

nised – of the four wells under consideration plus their allocated and depth-shifted facies intervals, including all the variations in mudrock classification listed in Figure 5–29b. Each data combination was run in bulk sessions with equal Ipsom settings. Previous studies showed that a 12*12 grid size Kohonen map is suitable for the applied data set (7 log signals of equal weights ≡ 7 dimensions with ~4100 data points each). During training the respective facies classifications supervise the self-organised log signal mapping.

As for the wireline log manipulation, factor-harmonised signals gave the best recognition of the bulk facies (Fig. 5–35). This observation is independent of the variations in mudrock classification and almost entirely due to enhanced correlation factors for bulk density (RHOZ) and porosity (PHI), both largely insensitive to pore fluid variations. However, differences in mudrock classification are hardly picked up since only a small proportion of the bulk interval was altered. The only clear statement in terms of mudrock classification is that those entirely based on mean grain size criteria (variations D and E) are certainly not as suitable for ANN recognition as mixed grain size/texture based definitions (remaining variations).

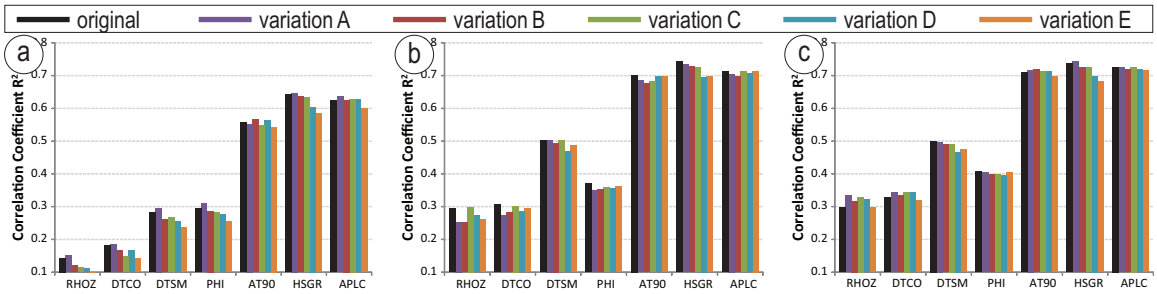


Figure 5–35 Wireline log-to-facies correlation for (a) the raw log signals, (b) shift-harmonised signals, and (c) factor-harmonised signals. The latter are apparently most suitable for ANN training since they yield the highest correlation factors independent of variations in mudrock facies classification. RHOZ: bulk density (g/cm³), DTCO: compactional slowness (µs/m), DTSM: shear slowness (µs/m), PHI: porosity (v/v), AT90: deep resistivity (Ωm), HSGR: gamma ray (gAPI), APLC: neutron porosity (v/v).

The most suitable mudrock classification must be determined via a second study with blanked-out non-mudrock sections and factor-harmonised log signals (Fig. 5–36). Variant C apparently drops out of the competition, *i.e.* homogeneous and slumped strata can be distinguished from wireline logs, at least to certain extent. Also, slumped and laminated rocks (variant B) do not form a common wireline facies. Nevertheless, the siltstone facies as defined from the mean grain sizes (variant A) yield an improved recognition particularly in terms of bulk density and gamma ray (HSGR). In

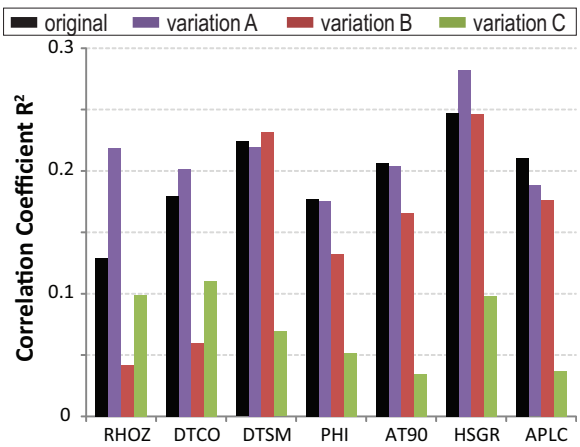


Figure 5–36 Mudrock variation A yields the highest correlation coefficients and is hence most suited for wireline facies training.

conclusion, mudstone classification A in conjunction with depth-detrended and factor-harmonised wireline log suite will yield the most accurate wireline facies.

However, since there is hardly a 100% fit between input (core) facies and output (wireline) facies – otherwise the ANN module would be needless since in that case lithotype recognition would be a rather straightforward task – the fields of the Kohonen map require a specific indexation method that determines which input facies has the largest overlap with the allocated log signal dimensions (Fig. 5–37). The quantitative classification yields a probability function and is therefore the most suitable indexation method in terms of quality control.

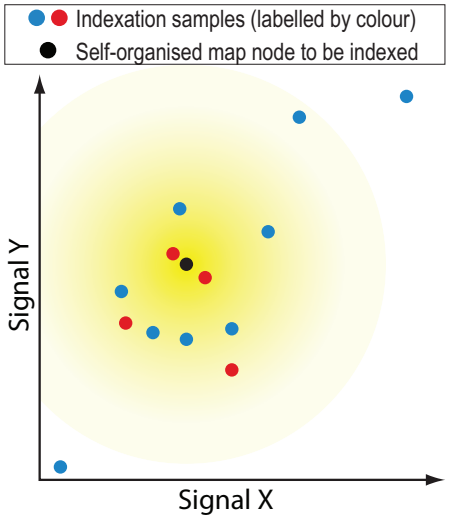


Figure 5–37 The Ipsom module provides three different indexation methods. Minimal distance: For each node of the self-organized map, the label assigned to the node will be the label of the indexation sample that has the closest properties (the illustrated note will be red). Majority vote: All the samples similar to the node are taken into account and the majority label is assigned to the node (the illustrated note will be blue). Quantitative classification: The probability of each label is computed from the distance between each sample of the indexation data and the node. The highest probability defines the label of the node (the illustrated note will be red). Examples and explanations according to TechLog help file.

Calibration of the Ispom ANN with the identified input data yields a Kohonen map that shows a spatial progression from coarse to fine grained facies while carbonates have clearly distinctive petrophysical characteristics (Fig. 5–38).

Still, the absence of 1:1 correlations between log signals and facies types precludes a 100% reproduction of the input core facies (Fig. 5–39). These non-correlations result from spatial overlapping of the facies-attributed data clusters in a multi-dimensional log signal space and are reflected in a probabilistic attribution of the output facies (Fig. 5–40).

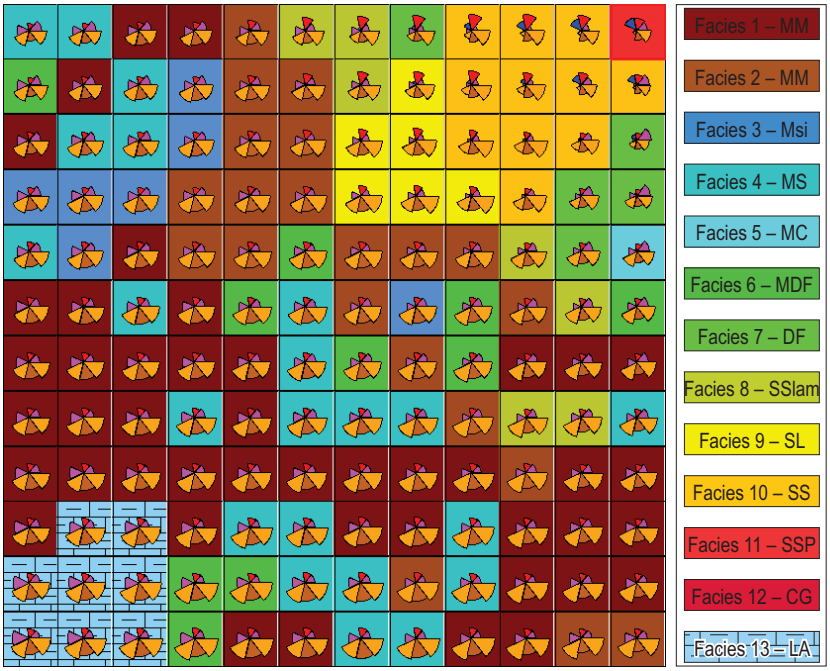


Figure 5–38 Self-organised map for facies variation A and factor-harmonised wireline log signals shows sandy and carbonate facies in opposite corners. They are mediated by a facies progression associated with increasing fine grain size fraction (top right towards bottom left). Some muddy debris flows (facies 6) appear to be notably associated with carbonates. Log signal ranges per region are illustrated by (undistinguished) 7-fold rose diagrams.

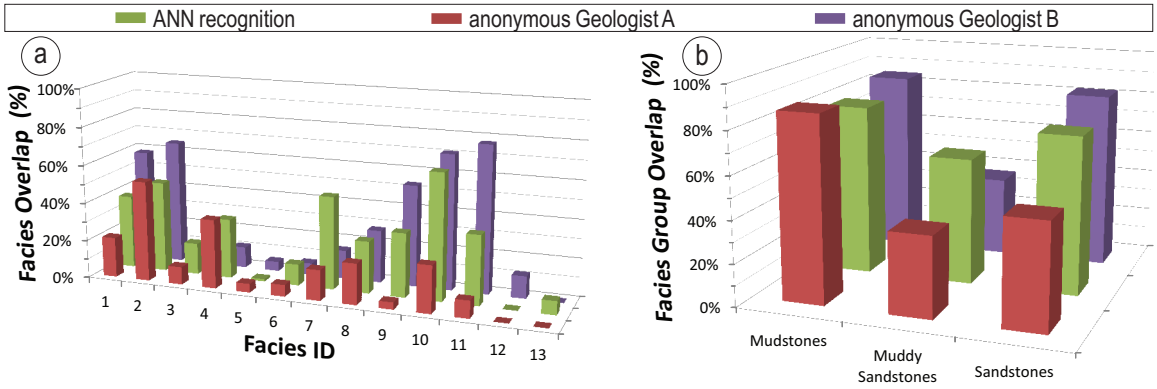


Figure 5–39 (a) Reproducibility of the calibrated lithofacies by ANN recognition is in the same error range as the matching of core facies interpretations from different fellow geologists (anonymous colleagues). The strongest discrepancies between input and output facies are clearly within the transition range between mudstone and sandstone end-members. (b) Certainly, the further we merge similar facies into groups the higher the reproducibility. The illustrated example lithologies represent the following facies groups: *Mudstones* comprise facies 1-6, *Muddy Sandstones* comprise facies 7-9, and *Sandstones* comprise facies 10-12.

In other words, such ANN applications allocate output categories (wireline facies) according to their highest ranked similarity in a quantitative database (seven log types) to the allocated input data (core facies). Since those similarities are expressed as probabilities it is optional to apply a lower limit cut-off for quality control as a post-processing measure. Considering the distribution of probabilities in Figure 5–40 one understands that there are by nature a lot of borderline decisions in facies interpretation, both from geologists and software. As for now, the generated probabilistic geological profile will suffice for contextual evaluation of gas geochemistry and saturation.

Synopsis of Chapter 5 In an unique attempt to validate manual and thereby subjective lithofacies allocations to core images a subset of rock sample properties such as grain size fractions and porosity from Chapter 4 were successfully modelled using quantitative core image properties. However, model validity appears to be restricted to clay-rich lithofacies due to both (1) absence of calibration data for sands and (2) occurrence of abnormally dark sandstone units.

Propagation of various mudstone facies re-definitions based on both manually allocated textures and average grain size fractions resulted in the most distinguished mudstone wireline facies recognition from a commercial ANN application. Integration of the wireline facies profiles of the logged borehole intervals with gas geochemical and saturation data in Part IV must be conducted with care because reproducibility of the (yet calibrated) input facies is as ambiguous as reproducibility from fellow geologists. As a consequence, the initially defined 13 different facies types were merged into 3 simple facies groups (mudstones, muddy sandstone, and sandstones) in order to increase reliability of the lithological wireline profiles to 60-80%.

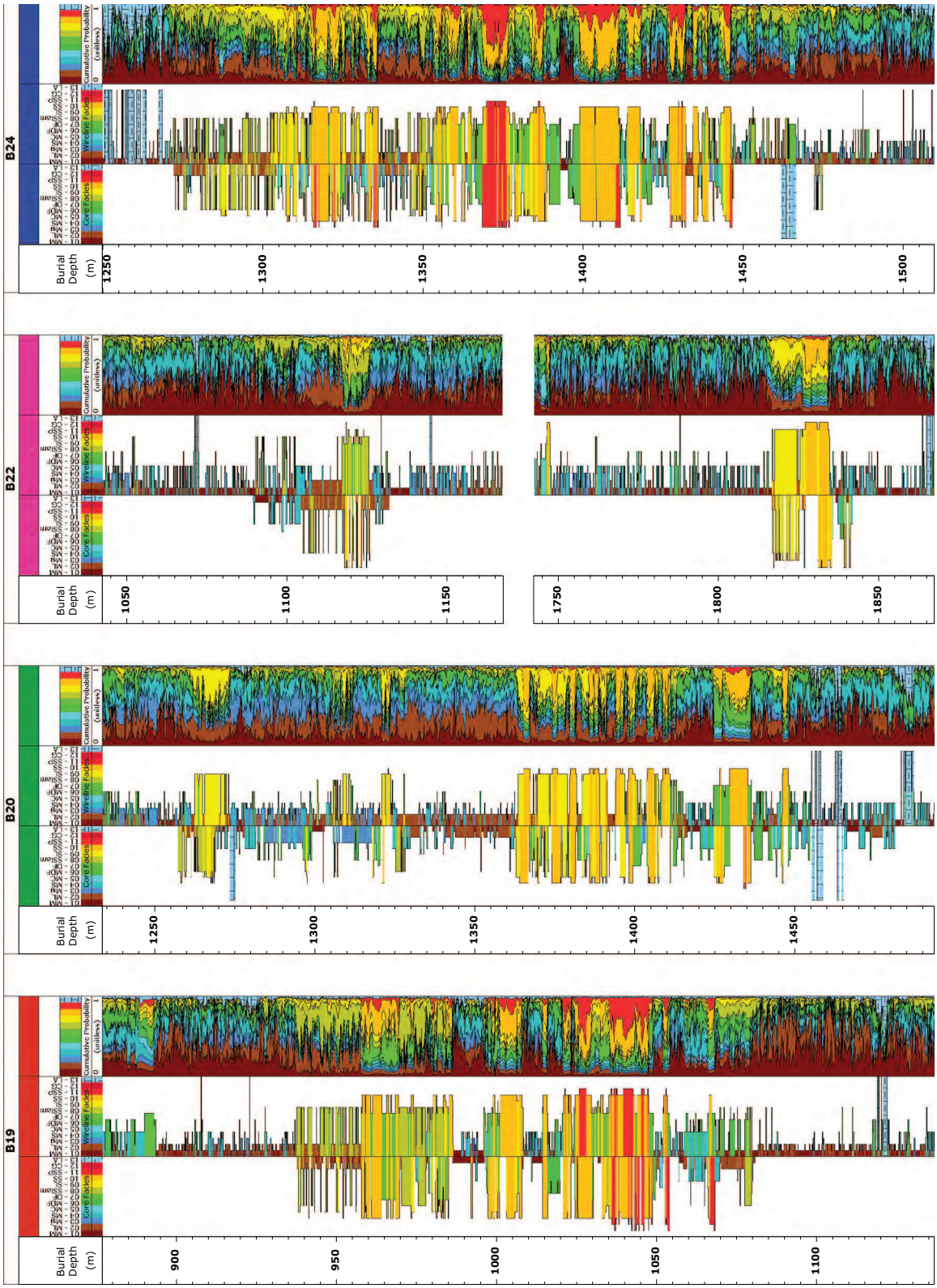


Figure 5–40 Comparison of input (core) facies and output (wireline) facies and associated cumulative probabilities. Input facies were left blank where core images are not preserved and microresistivity borehole images (OBMI) did not allow interpretation. Some mudrock sections (base B19), sandstone sections (top B20/B24), and carbonate sections (top B20, base B24) were not reliably reproduced. These mismatches could be due to borderline texture interpretation in case of mudrock facies (especially slumped vs. laminated), certainly inaccurate core shifting in case of B20's cap rock section (ambiguous shifts due to low COGR and OBMI amplitudes), and high mud-content as well as limited training input in terms of carbonate facies (Fig. 5–32). The latter constraint is transmissible to facies 12 (conglomerates) which lead to complete indexation failure. Further, debris flow (facies 7) and sandstones facies (facies 9 to 11) seem to be compatible in their log signal range, possibly due to poor discrimination of primary and reworked ("dark") sandstones during manual core image interpretation. The complete output profiles are attached in Appendix C.

Part III – Detecting a Free Gas Phase

So far it was dealt with the genetic history of *in situ* drilled and *ex situ* sampled gases (Part I) as well as the lithological medium that may constrain or foster the movement of hydrocarbons in the subsurface (Part II).

However, at this stage it is neither comprehensible at which compaction state a sampled gas has been emplaced nor if any of the previously identified secondary chemical fingerprints were acquired during migration (*e.g.* through the reservoir) or entrapment (*e.g.* inside the seal section).

In such physical sense, the question of present day gas seepage through the pore network inevitably calls for quantification of the pore fluid phase volumetrics. This thesis part deals with the concepts (Chapter 6) and physical detection (Chapter 7) of two-phase flow systems across fine-grained sedimentary rocks, providing the final piece of the migration puzzle unravelled in Part IV.

Chapter 6 How fluid volumes control migration rates

The volume fraction of free hydrocarbons in a water-wet porous medium – hereafter referred to as (gas) saturation – is a key parameter for seal risk assessment because it controls whether isolated gas bubbles connect to a continuous filament that supports Darcy-flow and consequently seal breach (*e.g.* Neglia 1979). Accordingly, detection of hydrocarbon saturation will unravel the predominant present-day migration mechanism with implications on reservoir leakage rates through the cap rocks under consideration – given the spatial constraints of the boreholes with respect to reservoir dimensions.

Advection vs. diffusion Experimental studies from Schowalter (1979) have shown that the percolation (or displacement) threshold of mudstones can vary between 4% and 17% (Fig. 6–1), with an average of 10% being the most suitable approximation up to date (Nabawy *et al.* 2009). In other words, a water-wet cap rock requires 4-17 vol.% of free petroleum in order to establish a continuous filament, allowing leakage via bulk flow in

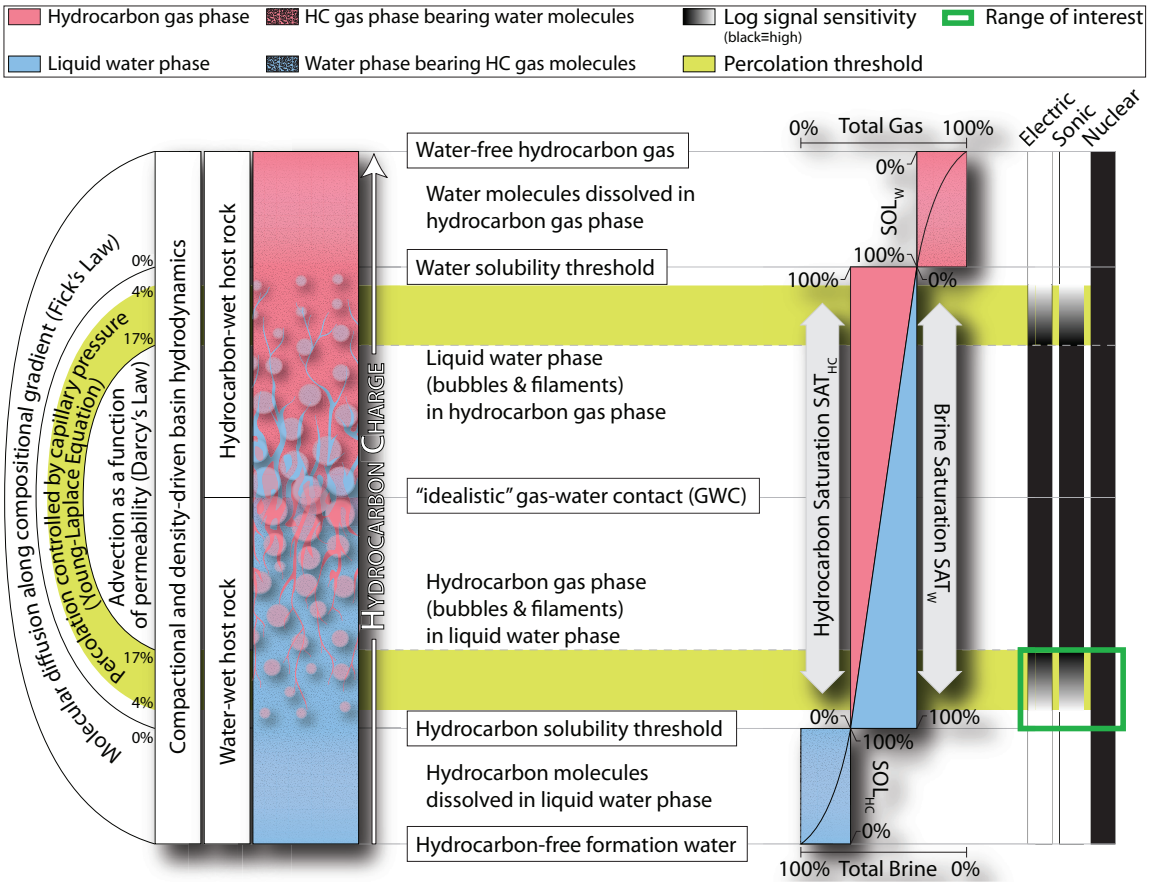


Figure 6–1 Hydrocarbon migration scheme through porous media as a function of total gas concentration. Total gas is the sum of gas dissolved in water (SOL_{HC}) and free gas (SAT_{HC}) minus the water molecules dissolved in free gas (SOL_W). Accurate determination of low gas saturations facilitates conclusions about the predominant migration mechanism. The most reliable input parameters for low saturation models at a borehole scale are wireline logs that stimulate nuclear interactions (neutron & gamma) since they are comparably indifferent to pore phase behaviour but respond to the total gas concentration. Low saturations (green box) in the non-reservoir are of particular interest in this study because they control the migration mechanism and therefore leakage rate of hydrocarbons through the pore space of mudstone seals.

terms of Darcy's Law. Accordingly, only if that is the case the rate of loss will be a function of the relative permeability of the cap rock.

However, the cap rock will act as a capillary pressure seal if saturations remain below the percolation threshold and isolated hydrocarbon "bubbles" are consequently subject to capillary entrapment. Associated column heights are in this situation controlled by the relative strength of two opposing forces: (1) upwards directed buoyancy pressure of the hydrocarbon column at the top of a trap, and (2) downwards directed capillary entry pressure (CEP) in the interconnected pores of the overlying cap rock (Schowalter 1979). Unless the spill point of a filling trap is reached beforehand, the buoyancy of a growing hydrocarbon column within the reservoir may eventually overcome the CEP at the reservoir/seal interface and hydrocarbons leak upwards into the cap rock section. Capillary failure increases the hydrocarbon saturation within the cap rock pore space and will ultimately lead to the establishment of Darcy flow along continuous filaments of hydrocarbon phase, *i.e.* seal breach. In addition, hydrocarbon gas bubbles nucleate easily on the solid pore surface even inside a mudrock seal section since capillary pressure has a physical sense only where two phases exit (Sheng *et al.* 1999).

The ability of rocks to resist internal expansion may lead to a high internal gas bubble pressure that counteracts the chemical force exerted by the dissolved gas gradient near the bubble surface (Algar & Boudreau 2010 – and references therein). This means that the bubble pressure can rise above the pressure of the surrounding pore fluid and is controlled by the degree of supersaturation and matrix shear strength. If supersaturation (and therefore gas source strength) is high the internal bubble pressure may eventually rise above the shear strength of the surrounding rock and induce fracture propagation. A no-growth condition is subject to lower ratios between supersaturation and rock strength that foster an equilibrium between bubble pressure and phase gradient before the point of shear failure (Gardiner *et al.* 2003). Either way, filament formation within mudstones from progressive exsolution of an internal gas source – such as scattered kerogen in a source rock or methanogenesis in a shallow cap rock (England & MacKenzie 1989, Algar & Boudreau 2010) – would be inhibited without microfracture propagation. Low overpressures in the relatively shallow Nile Delta Pliocene – consequently – preclude microfracturing as will be demonstrated in the next chapter.

In non-fractured mudrocks, migrating thermogenic gas from external sources may bypass *in situ* microbial gas bubbles that are entrapped in interstitial pore water via the structural water network (Fig. 6–2; Whiticar 2002). This observation, described as "hand-shake migration", supports the argumentation of Horvitz (1985) that migrating gas is preferentially adsorped to clay mineral surfaces relative to *in situ* microbial gas.

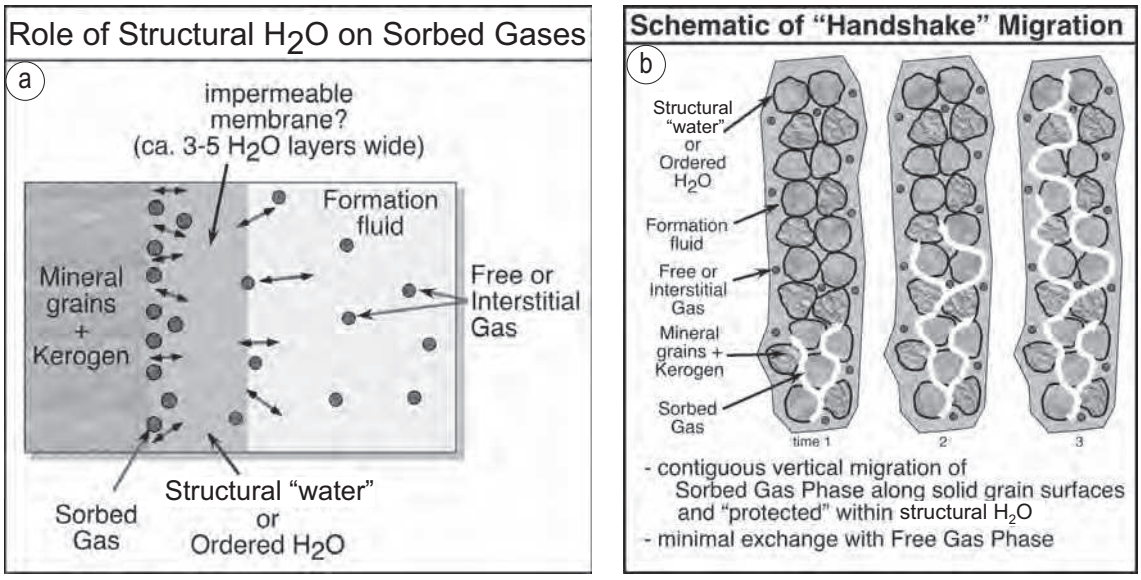


Figure 6–2 Predominantly pristine thermogenic fingerprints of gases formerly sorbed to rock matrix surfaces suggests that the structural water interface may act as a physical barrier between sorbed thermogenic and interstitial microbial gas. (b) The presence of these sorbed *ex situ* gases could be explained by intra-membrane movement termed "handshake migration" (from Whiticar 2002).

Without free gas there would be background phenomena such as slow diffusion of the dissolved phase (*i.e.* hydrocarbons) and compactional flow of the host phase (*i.e.* formation water) only (Fig. 6–1). Rice & Claypool (1981) argue that hydrostatically increasing methane solubilities at depth can serve as a holding mechanism until the sediments are compacted, and traps and seals are formed. Since rates of single- and multi-phase flow differ from those of diffusive transport by up to two orders of magnitude (England & MacKenzie 1989, England 1990) it is an important element of cap rock risk assessment to determine the degree of hydrocarbon saturation within the pore space. In fact, the saturation determines which of the above mentioned flow concepts is most suited for a given stratigraphic interval along the borehole.

Coupled Diffusion-Flow Concept Prinzhofer *et al.* (2000b & 2001) used a transient leakage model to estimate reservoir leakage by methane diffusion in conjunction with mobile gas formation within the overlying, stratified and water-wet cap rock. The methane partial pressure of intruded gas was examined for its potential of forming a methane gas phase from water-dissolved gas.

The potential for gas exsolution in a cap rock is almost zero when assuming only a single diffusivity contrast between a seal layer (low diffusivity; *e.g.* mudstone) and the overlying rocks (high diffusivity, *e.g.* massive sandstone; Brown 2001, Prinzhofer *et al.* 2001). However, the composition of a real mudstone cap rock is commonly stratified with interbedded thin sandstone layers or lenses. Prinzhofer *et al.*'s (2000b & 2001) model indicates a decrease of the methane flux within such a discontinuity, rapidly inducing a local accumulation beneath it, with methane gas concentrations potentially crossing the satu-

ration line (Fig. 6–3). The generated gas phase may subsequently cross the next horizon in solution. Finally, the recurrence of this flux variation results in the formation of several gas phases inside the seal section and above, *i.e.* the reservoir is eventually leaking in methane (Prinzhofer *et al.* 2001). However, the authors emphasize that the exsolution of a gas phase is more likely in the lower part of a laminated mudstone cap rock, thus methane leakage may not be categorical, most likely depending on the thickness of the seal section, the real thickness of each shale layer (millimetre to several metres) and the pressure of the hydrocarbon column in the reservoir.

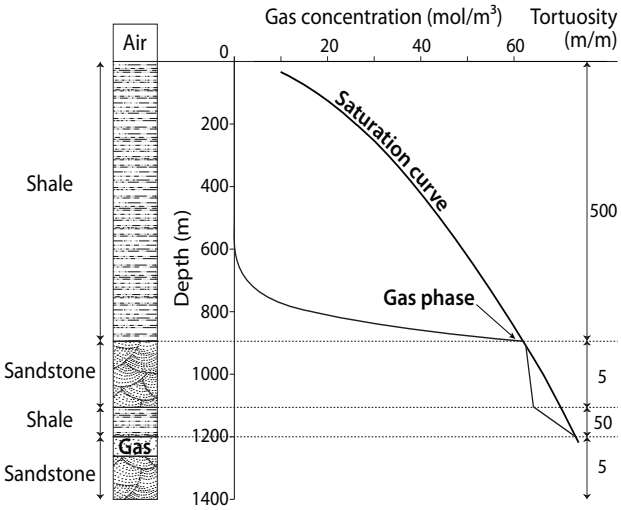


Figure 6–3 Curve of gas saturation in a sedimentary column that has a thermal gradient of 40°C/km and a gas profile for a diffusion time of 70 m.y. With this profile, consisting of four cells of mudstone and sandstone that have diffusivity contrasts of 5, 50, 5, and 500, respectively, a gas phase does appear after transport through water by dissolution/diffusion after 70 m.y. (from Prinzhofer *et al.* 2001).

Synopsis of Chapter 6 Undoubtedly, the ubiquitous presence of microbial gas described in Part I has severe consequences for vertical net leakage through mudstone pore space. An adaptation of Prinzhofer *et al.*'s (2000b & 2001) coupled diffusion-advection model on the facies scale to Whiticar's (2002) ideas on the pore scale severely shortens the net distance that individual gas molecules need to bridge between gas bubbles via diffusion. At the same time, however, a hypothetical omnipresence of gas saturated pore water within the methanogen window would severely reduce the (vertical) dissolved gas gradient and therefore reduces diffusion rates. Shorter net diffusion distance and slower diffusion rates would have the potential to neutralise each other, *i.e.* Prinzhofer *et al.*'s (2000b & 2001) model would not be applicable to cap rocks that host a strong viable microbial gas source – especially if internal gas pressure build-up is capable of microfracturing (which is not expected in this case study). In addition, interstitial water already saturated with microbial gas would have lost its buffer effect with respect to free thermogenic gas that is travelling within the structural water network, *i.e.* there is lower diffusive volume loss from advectively migrating gas phases.

This study is specifically focused on the gas saturation within mudstone intervals in order to test whether rapid leakage through the pore space is possible. A route map through the saturation modelling approach is found at the beginning of Chapter 7.

Chapter 7 The saturation model

Hydrocarbon saturation as defined in the previous chapter is a function of hydrocarbon concentration and its solubility in the surrounding formation water. There are a number of different procedures in chemical engineering and petroleum geochemistry that range from analytical to empirical evaluation of gas-in-liquid and liquid-in-gas solubility (see review in de Hemptinne *et al.* 1998a). While the published equations of state (EOS) are supported by scientific scrutiny of stable phase equilibria they require input data that are usually not available from conventional boreholes neither in quality nor quantity.

Instead, time and cost management has led to the development of a highly specialised petroleum engineering branch under the umbrella of petrophysics. Reservoir saturations can be deduced from calibration of empirical models that need to account for wireline log manufacturer, tool settings, and individual borehole conditions (Hearst *et al.* 2000). In addition, petrophysicists need to assess regional and stratigraphic environmental conditions related to basin burial history (incl. temperature gradients, pressure estimation/prediction, sediment provenance/mineralogy, cementation factors, etc.). An experienced petrophysicist will be able to calibrate reservoir saturation from a conventional log suite with sufficient accuracy although he/she usually has to do so without direct calibration data; 'sufficient accuracy' meaning sufficient to keep the estimate/recovery ratio of in place hydrocarbons close to unity.

Although there are multiple petrophysical indicators for the general presence of gas in the subsurface most of them are insensitive to low saturations but sufficient to detect gas pockets and reservoirs of conventional commercial interest (Eyvazzadeh *et al.* 2004). Physical properties such as low density and low conductivity of a free hydrocarbon phase as opposed to those of both rock matrix and brine cause characteristic acoustic wave velocities (in seismic imaging and sonic wireline signals) and exceptionally high resistivity log signals (Tiab & Donaldson 2004). For example, a free gas phase in the pore network of a rock reduces the compressional wave velocity (Vp) and increases shear wave velocity (*Vs*), *i.e.* the Vp/*Vs* ratio decreases with increasing gas content (*e.g.* Tiab & Donaldson 2004, Zinszner & Pellerin 2007). The effect of the saturating fluid on velocities can be calculated from Gassmann's (1951) equation that provides an explicit expression of the parameters in Biot's (1941) poromechanical theory which relates matrix and pore stresses (or pressures) to the litho-elastic properties (bulk moduli). However, the extent to which acoustic waves pick up low gas contents is controversial; although some authors claim that low gas saturations may be detected within reservoirs from velocity logs upon subtraction of the lithological parameters (Knight *et al.* 1998, Li 2004) current consensus

is that gas is not detectable below a threshold of roughly 5 vol.% (J. Cartwright personal communication). Apart from general uncertainties in parameter estimation (effective stress, bulk density, porosity; see Mondol *et al.* 2007) Vp/*Vs* is a particularly unreliable proxy for low saturations in the non-reservoir since it has been shown to additionally interfere with clay mineral properties (Lee 2003).

In terms of electric signals, salts dissolved in formation water provide an excellent conductive medium (brine ↔ electrolyte) opposed to non-polar and therefore insulating hydrocarbons. Electrical charge that is inflicted onto the formation by an external source literally follows the path of least resistance. In water-wet sandstones the electrical current discharges via the brine network while most of the interstitial hydrocarbon is bypassed resulting in a moderate bulk resistivity. Disconnection of the brine by free gas in a hydrocarbon-wet sandstone leads to a substantial resistivity increase since the electrical current is forced to partly bridge the isolated electrolyte via poorly conductive gas phase and mineral surfaces (Tiab & Donaldson 2004). Thus, hydrocarbon saturation can be estimated from resistivity logs if the conductive property of the rock matrix is known (Archie 1942). Although electrical log models that account for the surface conductivity of clay crystalites may certainly lead to realistic pore water salinity estimates (Revil *et al.* 1998 – and references therein) they will not pick up free gas signals in mudstones due to rapid discharge via the conductive clay framework while isolated gas bubbles in the pore space – that act as conductivity buffer in reservoir sands – are apparently bypassed and thereby invisible to the receiver of an electrical wireline tool (Zinszner & Pellerin 2007, K. Kurtev personal communication). Consequently, the hydrocarbon potential of complex interbedded mudstone-sandstone reservoirs is commonly underestimated from electrical logs by up to 30% (Worthington 2009).

This study is particularly focused on fine grained and clay-rich sediments so the classic models involving conventional wireline log signals will certainly not be suitable for resolving hydrocarbons in mudstone cap rock intervals. Instead, nuclear radiation logs are of particular interest to infer total gas (TG) concentrations because the associated signals are

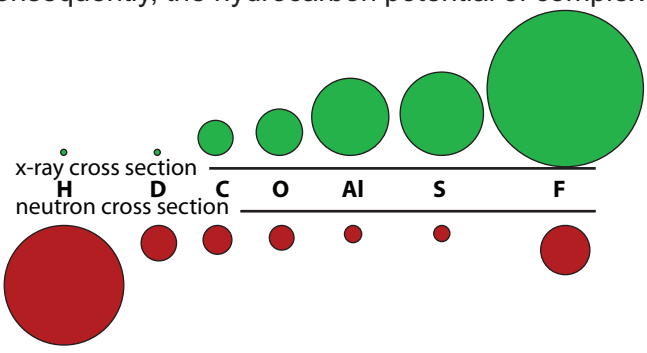


Figure 7–1 Signal strength of selected elements bombarded with X-rays and neutrons. X-rays as part of the electromagnetic wave spectrum interact with the electron shell and consequently the scattering cross section increases roughly as a function of atomic number and electronegativity. In contrast, neutrons are elementary particles without charge and are scattered by the atom's nucleus. Hydrogen is particularly sensitive to neutron bombardment because its nucleus consists of a single proton that has almost the same mass as the arriving neutrons (Neumann 2006). Subtraction of the neutron scatter signal obtained from the remaining elements within the bulk formation using the X-ray scatter signal yields a proxy for hydrogen content which will give an estimate of molar hydrocarbon concentration (from Neumann 2006).

largely indifferent to phase behaviour (solid matrix ↔ brine with dissolved gas ↔ free gas; Hearst *et al.* 2000; Fig. 7–1). Although nuclear log data has been used to infer empirical input parameters such as Archie's (1942) saturation exponent for saturation models from electrical logs (Hastings 1990), a direct correlation to hydrocarbon content poses a novel approach. In this study, the gas concentrations measured while drilling along with vast empirical grain and pore size information from the core section (as described in Chapter 5) are used for direct calibration of the nuclear and other relevant log signals. Concept and workflow for obtaining a suitable wireline TG model and other parameters necessary for the conversion into pore space saturations via equations of state (EOS) from chemical engineering are outlined in Figure 7–2.

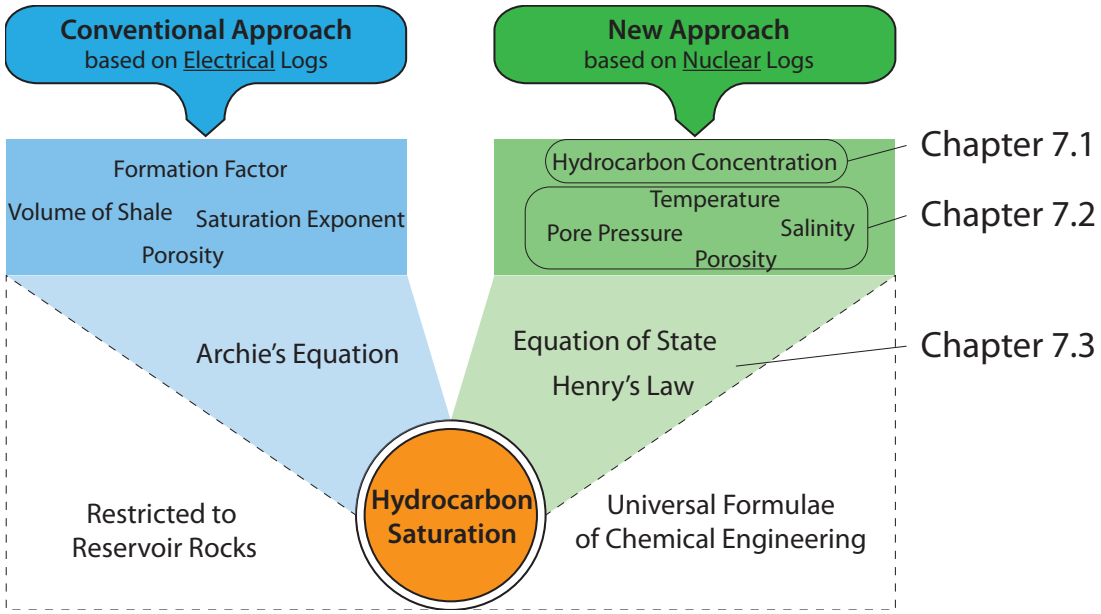


Figure 7–2 Workflow for hydrocarbon saturation model. A new approach is based on a proxy for phase-independent hydrocarbons from nuclear log signals (Chapter 7.1). Under *in situ* conditions (Chapter 7.2) the partition of the modelled gas concentrations in aqueous solution and free gas phase is calculated using standard solubility equations from chemical engineering (Chapter 7.3). In contrast to the conventional approach, all the input parameters are basic physical parameters for which calibration data is readily available. This is an important benefit since the standard equations used for the new saturation model are highly accurate and therefore compensate for the fact that direct calibration data of hydrocarbon saturation is commonly not available.

7.1 A novel approach for modelling gas concentrations

Modelling hydrocarbon saturation is a straight forward task if adequate concentration estimates are available. This section demonstrates how gas concentration measurements from borehole discharge can be used to calibrate nuclear wireline logs for molar hydrocarbon signals. The resulting total gas (TG) model will be processed under consideration of *in situ* environmental parameters (Chapter 7.2) to hydrocarbon saturation estimates in Chapter 7.3.

Normalisation of measured gas concentrations A universal presence of hydrocarbon gas in the formation fluid is indicated by the record of a total gas (TG) concentration across the non-reservoir from wellsite gas chromatographs (GC). These analytical devices are standard health & safety equipment that measure the hydrocarbon gas content of the borehole fluid discharge during drilling. Data collected by wellsite GCs are found among fluid properties, circulation rates and penetration rates as an essential part of the mudlog report (*e.g.* Fig. 7–4).

TG GC logs provide continuous information at a large scale (borehole dimensions) and relatively high resolution (~ 1m) about a volumetric parameter that defines the commercial outcome of a drilling project. In fact, it is the only directly measured gas concentration parameter that would allow the calibration of wireline log saturation models. However, the measured TG data is twisted and distorted by various concomitant phenomena of drilling and coring – in both dimensions: depth and magnitude (Whittaker 1985, T. Dodd personal communication).

Although normalisation of the equivalent total gas concentration (TGequiv in vol.%) over both incremental borehole circulation rates (Vflow in m³/min) and volume flow rate of drilled cuttings (Vcut in m³/min) rescales the raw TG log into relative proportion (Equ. 7a) the absolute magnitude of the thereby calculated TG GCnorm becomes distorted (Fig. 7–3).

TG GCnorm [%norm] = TG GCequiv / Vflow / Vcut ***(7a)***

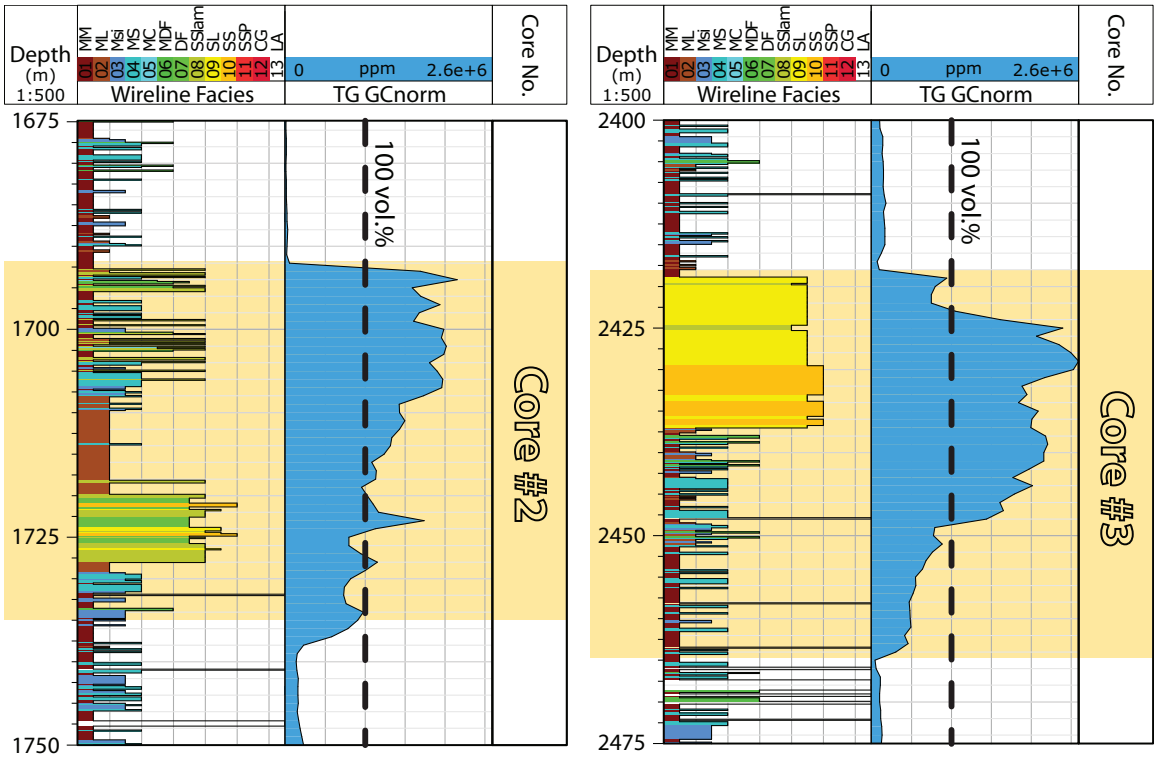


Figure 7–3 Normalisation artefacts may result in TG concentrations exceeding 100%. This is a particular coring phenomenon since measured TG is high, flow rates very low, and the cuttings volume usually overestimated due to core preservation. Examples from Well B22.

In other words, normalisation of measured hydrocarbon concentrations by Equation 7a is essential for elimination of differential circulation and penetration effects on the TG borehole profile but – at the same time – distorts the measurement scale across the 100 vol.% boundary as illustrated in Figure 7–3. Resetting the distorted scale into real concentrations that refer to a unit volume of rock is the essential aim of the calibration procedure that will follow.

First, since the GC measures in units of volume per cent per borehole discharge at the recorded pressure P (Pa) and temperature T (°K) within the measurement cell the TG record may be converted into moles per cubic metre via the Ideal Gas Law[1] (Equ. 7b) with the volumetric TG GCnorm in m³/m³ and gas constant R in Pa*m³/K/mol.

$$\text{TG GCnorm [mol/m}^3\text{ norm]} = P \cdot \text{TG GCnorm} / (R \cdot T) \qquad \textit{(7b)}$$

These units are more practical for wireline log integration because the PT conditions in the measurement cell do not reflect those of the gas's native environment (Fig. 7–4).

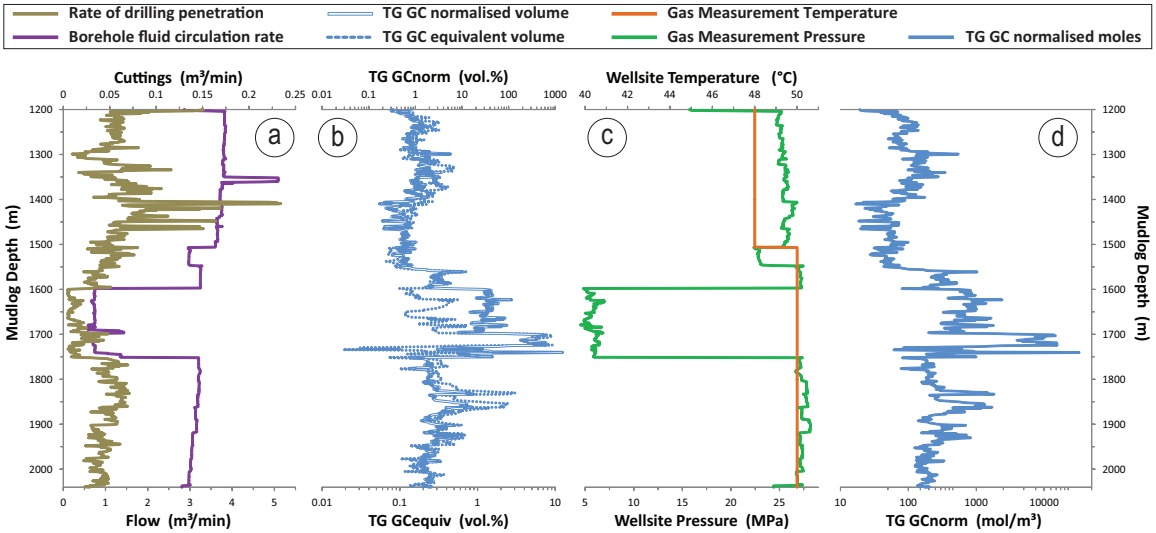


Figure 7–4 (a,b) Normalisation of TG GCequiv and (c,d) subsequent conversion from volumetric into molar units. The entire parameter record (incl. temperature and pressure) refers to the borehole discharge during drilling. Example from Well B19.

Rationale for calibrating distorted concentration logs The aforementioned distortion of the mudlog record poses a major dilemma because – when aiming for a reproduction of TG logs that are devoid of both normalisation artefacts and relative depth uncertainties – a direct integration ("cross-plot") of mudlogged TG with wireline log signals is impossible. Alternatively, this study exploits the opportunities of indirect integration by the careful determination of a wireline log model across a borehole section that (1) has a rela-

1 The use of mudlogged pore pressures P in Equation 7b yields a rough approximation since the effective partial pressure or fugacity of the gas phase is not yet considered. Still, this procedure is considered valid at this stage of the TG model because (1) the pressure and temperature within the GC cell are quite constant while drilling through the non-reservoir (*e.g.* Fig. 7–4d), and (2) the distorted absolute TG GC volumes will need to be reset into realistic values anyway. Fugacities and thus 'real gas' behaviour in terms of hydrocarbon volumes will be subject to the final saturation model in Chapter 7.3.

tively steady fluid circulation and drilling penetration history in order to keep normalisation artefacts as low as possible and (2) has a relatively wide range of TG GCnorm outside the cored reservoir interval in order to cover the largest possible fraction of the “true” TG range (ideally 0 to 100% pore space).

The benefits of a quality TG GCnorm reproduction from wireline log signals are enormous: (1) a wireline TG model may serve as reference for mudlog depth synchronisation which would effectively shift the gas geochemical and isotope data into the position of their native wireline facies, (2) modelled peak TG concentration inside the reservoir may be rescaled to the associated porosity (assuming a gas saturation close to 100% pore space) and thereby (re-)assign a quantitative sense to the TG log, and finally (3) serve as input parameter to a conventional saturation model as a function of gas solubility in the pore brine. A simplified forward model under controlled conditions will briefly illustrate the concept of mudlog-to-wireline log integration in the following paragraphs.

Let us assume we obtain an artificial log that covers a 1000m depth interval and incorporates random values between 5 and 75 units (Signal A in Fig. 7–5). Signal A is an unspecified property that is linked to another signal B by a simple exponential function. Surely, in this example the precise function is known to the author, and anyone who wants to specify the relation between Signal A and B would suffice with a simple cross-plot (Fig. 7–6a). However, such strategy would fail if a simple artificial shift was applied to the measurement depth of Signal B (Figs. 7–5b and 7–6b). This artificial situation is a simplified version of the dilemma that is associated with the mudlog-to-wireline log integration. Here, Signal A would be any wireline log model that may have a more or less direct physical relation to the TG measured while drilling (→ Signal B), but the precise relationship between both cannot be deduced via a direct cross-plot due to severe depth mismatches.

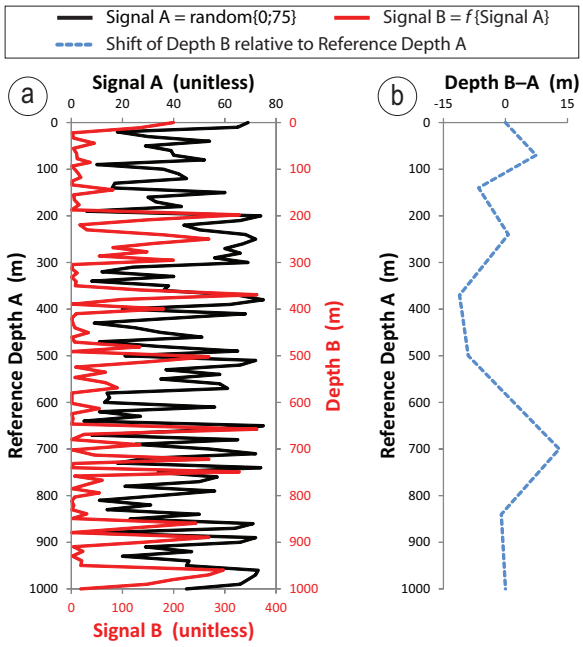


Figure 7–5 (a) Although Signal B is genetically a function of Signal A the relation between both parameters cannot be directly deduced because (b) the measurement depth of B is not synchronised.

It follows that a recovery of both conversion function and measurement depth would require cross-plotting Signal A and B after they have been stripped of their incompatible depth record, reducing them to a single dimension: the magnitude. This goal is achieved

by plotting the array distributions (or percentiles) and the linking function Signal B = *f*{Signal A} becomes visible to anyone who did not set up this little example (Fig. 7–6c). Further, it will be easy to comprehend that once the conversion function is known the depth shift of Signal B (or TG GCnorm) to Signal A (or wireline log proxy) can be fixed by peak-matching.

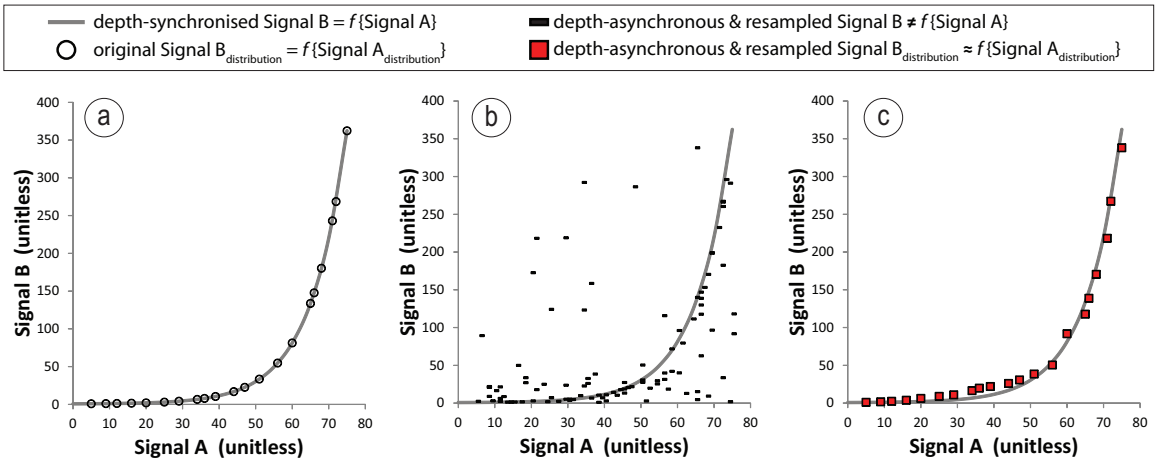


Figure 7–6 (a) Genetic relationship between Signal A and B is (b) not trackable upon distortion of Signal B's measurement depth. (c) A distribution cross-plot is a promising indirect method to integrate two different signals with an unknown depth mismatch.

Molar gas concentrations from nuclear log signals Clearly, before application of the integration procedure described above it is necessary to determine a wireline log signal or signal combination that qualifies as a reference for the mudlog TG GCnorm. In contrast to traditional wireline saturation models a signal is required that is sensitive to both a free gas phase and gas dissolved in aqueous solution (see Fig. 6–1). Such conditions are met by downhole measurements of gamma and neutron radiation. They provide useful information about the element assemblage of minerals and pore fluid alike (Chapter 6).

For example, as the formation is radiated with gamma rays from a radioactive source they collide with electrons in the rock matrix and pore fluid. Back-scattered gamma rays that reach the detector are a function of electron density in the formation and consequently bulk density. Hydrocarbons are indicated by abnormally high density log porosities (Hearst *et al.* 2000). Likewise, emitted neutrons are preferentially captured by hydrogen nuclei that have principally the same mass as the neutron. Detection of this energy loss via decreasing neutron counts in the vicinity of the logging tool can be translated into water content as a fraction of the bulk formation volume (Hearst *et al.* 2000). Such neutron porosity logs are commonly referenced to calcite as a default mineral, *i.e.* the measured porosity values will be true in limestone zones (Doveton 1999). However, the raw neutron porosity value is generally an overestimate because hydrogen bound in clays or hydrocarbons also contributes to the detected neutron capture (Hearst *et al.* 2000, USDI 2001).

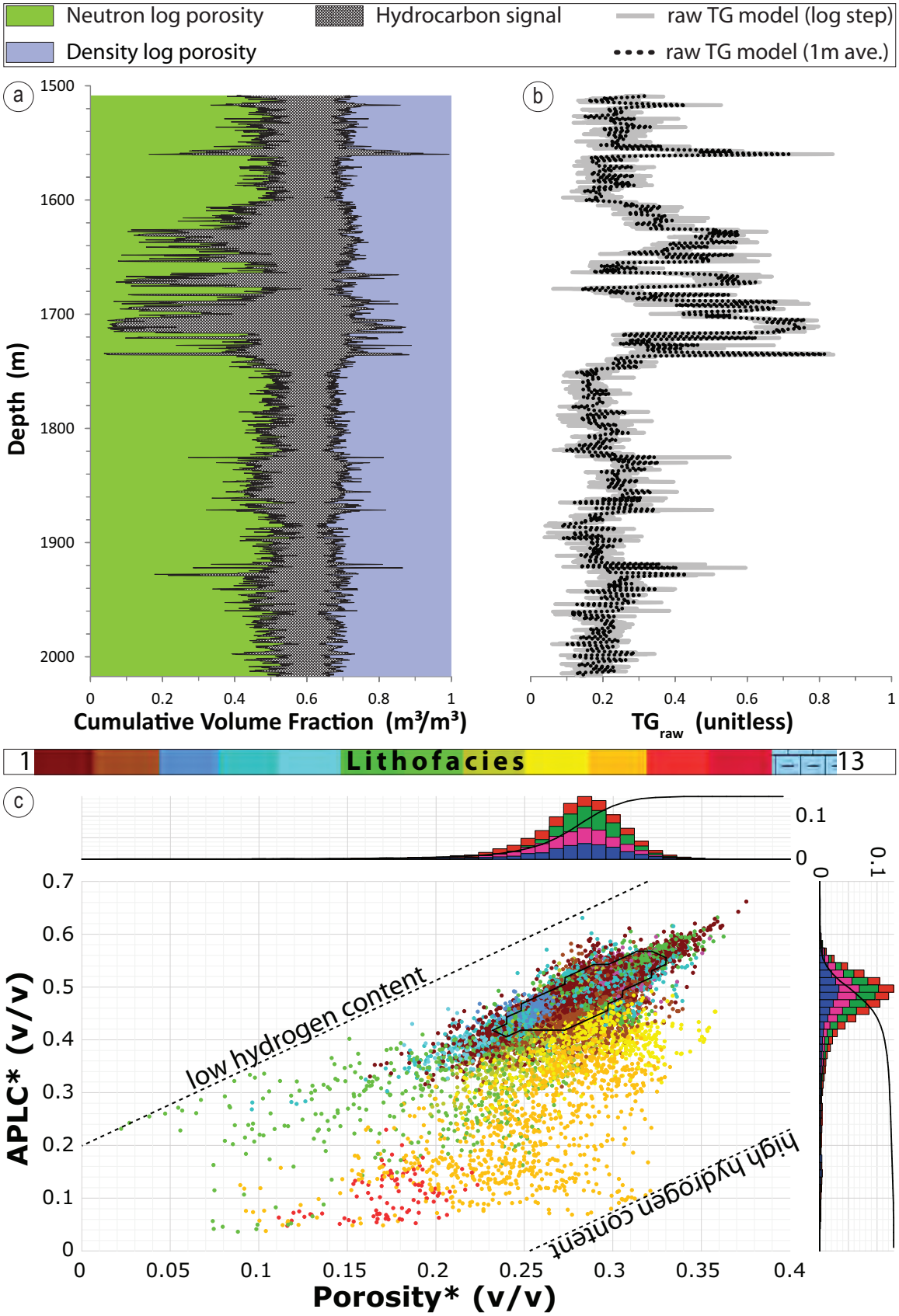


Figure 7–7 (a,b) The difference between density log porosity and neutron porosity appears to vary with hydrogen content (see text) and resembles the TG GCnorm mudlog record. (c) The link between the proposed TG model and hydrocarbon content is supported by a strong deviation for presumably gas-saturated reservoir sandstones in the crossplot between depth-detrended neutron porosity (APLC*) and density log porosity (Porosity*) of the four wells under investigation (logs are harmonised with respect to Well B19; see Chapter 5 for details). Frequencies of the four investigated wells are colour-coded according to Figure 7–9. (d) The causality of the TG model is not fully constrained since both incorporated log signals respond to a similar definition of pore space, but it is suspected that the missing link is based on the preferential adsorption of neutrons by hydrogen atoms opposed to element-indifferent perception of the (electron) density wireline tool (adopted from Zinszner & Pellerin 2007).

It was noted that neutron porosity logs from the available wells have a much higher amplitude than the density log porosity: neutron log porosity exceeds density log porosity in the non-reservoir whereas it is lower in the gas-bearing reservoir section (Figs. 7–7a,b). The quasi-linear trend for the mudstones facies implies that mudstone porosities are measured from both methods to comparably reliable extent although with a shift in magnitude (Fig. 7–7c). The strongly linear behaviour of mudstones in Figure 7–7c suggests that the model sensitivity with respect to clay-bound hydrogen is low and uniform and can be accounted for during post-processing. The causality of the proposed TG model is presumably due to the preferential neutron capture by hydrogen atoms (Fig. 7–1) that causes stronger signal fluctuations compared to the density log (Fig. 7–8). On an elemental basis, the TG model is based on the difference between neutron and electron count and will foster a simple empirical model that reflects the amount of hydrogen per unit volume of rock as a proxy for TG concentrations (see Fig. 7–1). The following paragraphs will guide through the model calibration which will eventually resolve in a modelled TG log that has striking resemblance with the (highest quality) section of the TG GCnorm.

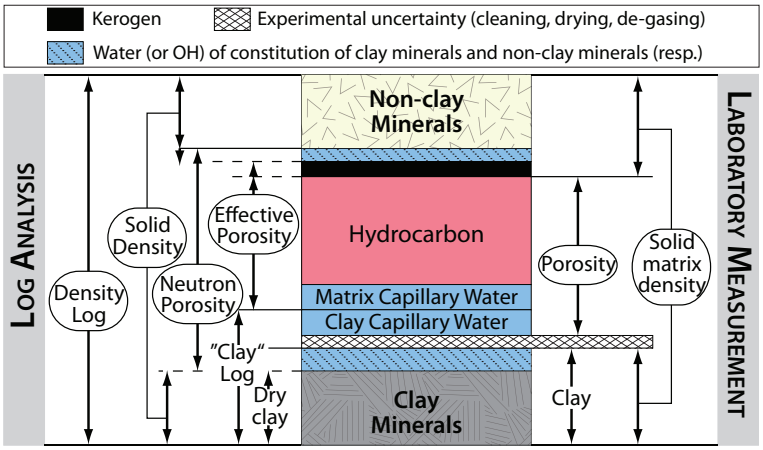


Figure 7–8 Scheme showing different porosity classifications. The causality of the TG model is not fully constrained since both incorporated log signals respond to a similar definition of pore space, but it is suspected that the missing link is based on the preferential adsorption of neutrons by hydrogen atoms opposed to element-indifferent perception of the (electron) density wireline tool (see also Fig. 7–1; adopted from Zinszner & Pellerin 2007).

The mudlog-to-wireline log integration and subsequent calibration has been performed for the sub-reservoir section of Well B19. This interval was chosen because the flow and penetration conditions during drilling have been relatively stable and the actual TG variance presumably quite high (see Figs. 7–4 and 7–7b below ~1760m). The wireline TG model was resampled to average values for every full metre in order to meet the mudlog resolution (Fig. 7–7b) before the distributions of both logs were cross-plotted to account for the depth issue as demonstrated earlier in this chapter (Figs. 7–5 and 7–6). This procedure yields an uncalibrated function for the conversion of the wireline TG proxy into TG GCnorm similar to the curve in Figure 7–9b. The curve shape suggests a quasi-linear relation between the TG model and measured TG GCnorm values in this section. Hence, the preliminary output values of this uncalibrated TG model (not shown) are assumed to be true for very high gas concentrations (*e.g.* in reservoir sands) if only the absolute

values can be scaled to the true magnitude. This problem was overcome by assigning 100% gas saturation to the highest TG model value, *i.e.* the uncalibrated molar values were temporarily converted into uncalibrated volumes using the pressure corrected Ideal Gas Law (Equ. 7l) and the *in situ* PT conditions that are described in Chapter 7.2.

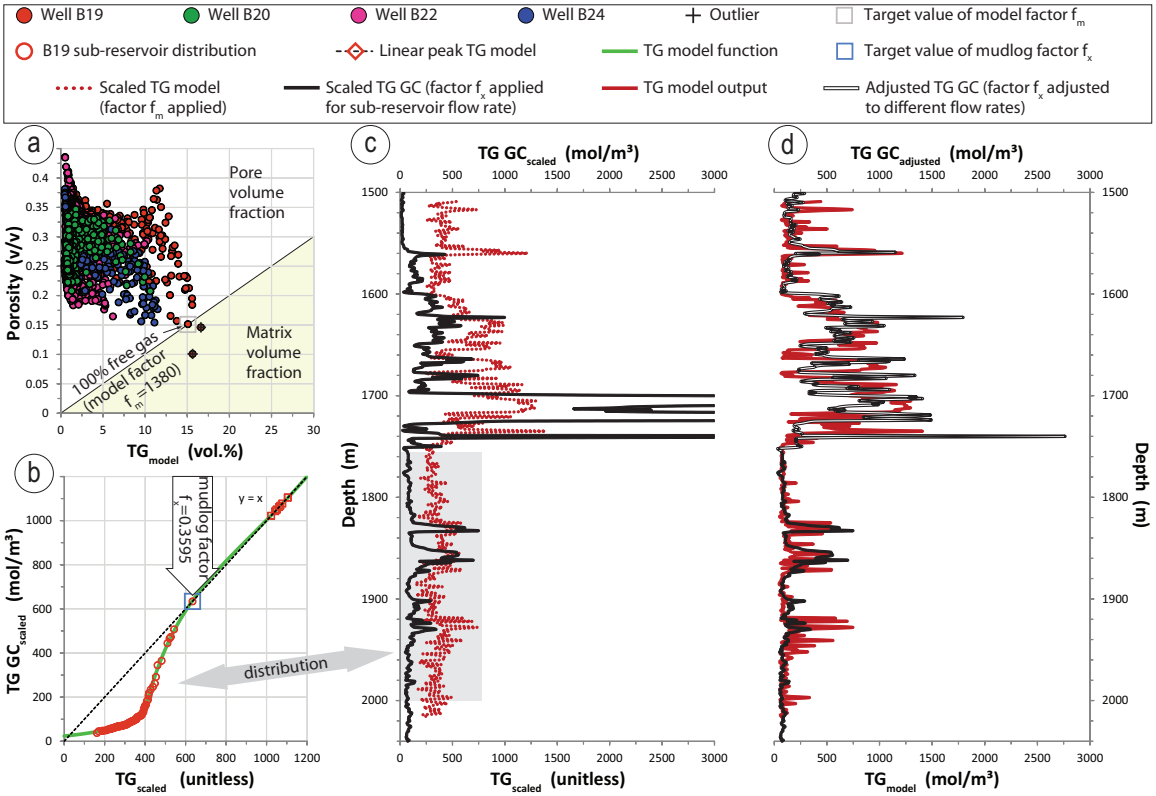


Figure 7–9 (a) Model calibration factor f_m establishes a causal link between maximum gas volume and the available pore space by assigning 100% hydrocarbon saturation to the peak TG value. Two outliers are neither in the reservoir section nor spatially related to the remaining data points in this plot. (b) Mudlog scale factor f_x for the B19 sub-reservoir fits the highest TG value from this interval onto the proposed linear 1:1 relation for peak-modelled values within the B19 reservoir section. (c) Modelled TG values prior to and (d) after application of the distribution conversion function (Equ. 7e).

The raw volumetric model was then propagated for all wells (harmonised with respect to Well B19) and the peak reservoir TG volume scaled to the associated "true" porosity as described in the next chapter (Fig. 7–9a). The hereby resulting factor f_m=1380 scales the raw model values in Figure 7–7b to the magnitude in Figures 7–9b and 7–9c. The data gap between the supposed linear reservoir gas trend and the maximum value within the model calibration interval of the B19 sub-reservoir was closed by assuming that the latter is at the verge of linearity (see curve shape in Fig. 7–9b). Consequently, the mudlog calibration target in Figure 7–9b was met by applying a factor f_x to the mudlogged TG GCnorm (*e.g.* f_x=0.3595 for the calibration interval). This factor is not of generic nature but empirically corrects for normalisation artefacts from unstable drilling conditions (circulation, penetration) and sensitivity of the different wellsite GC.

The described procedure enables a regression of the data points in Figure 7–9b as represented by the green curve therein. The full conversion formula from raw TG model

(unitless; Fig. 7–7b) via scaled TG model (unitless scaled, Fig. 7–9c) to calibrated TG model (mol/m³; Fig. 7–9d) is as follows:

$$TG_{raw}\ [unitless] = 1 - PHI_{detrend} - APLC_{detrend} \quad \textit{(7c)}$$

$$TG_{scaled}\ [unitless\ scaled] = TG_{raw} \cdot f_m = TG_{raw} \cdot 1380 \quad \textit{(7d)}$$

$$TG_{model}\ [mol/m^3] = if\{\ TG_{scaled} < 420.6,\ 23.48 \cdot e^{(0.003805 \cdot TGscaled)} + 4.209 \cdot 10^{-5} \cdot e^{(0.03486 \cdot TGscaled)},$$

$$426.7 \cdot e^{(0.0008639 \cdot TGscaled)} - 6006 \cdot e^{(-0.006446 \cdot TGscaled)}\ \} \quad \textit{(7e)}$$

Since the full TG GCnorm log incorporates baseline shifts due to differential flow and drilling conditions (Fig. 7–4a) the mudlog factor f_x can be adjusted to the calibration interval (*e.g.* Fig. 7–9d above 1760m; see Appendix A for remaining wells). These adjustments are not mandatory since they do not affect the TG model but recommended if a mudlog shift is intended. The distributions of thereby base-shifted TG GCnorm intervals of wells B20, B22, and B24 are plotted *versus* the uniform TG model as acquired from Well B19 in Figure 7–10. The fact that the calibrated TG function could be approximated for non-cored intervals of the remaining wells although the model was first established from the B19 sub-reservoir supports the validity of the approach and the rescaling procedure with all the assumptions stated. For the striking resemblance between modelled and measured values is referred to the figures in Appendix A which deals with the mudlog shifting procedure.

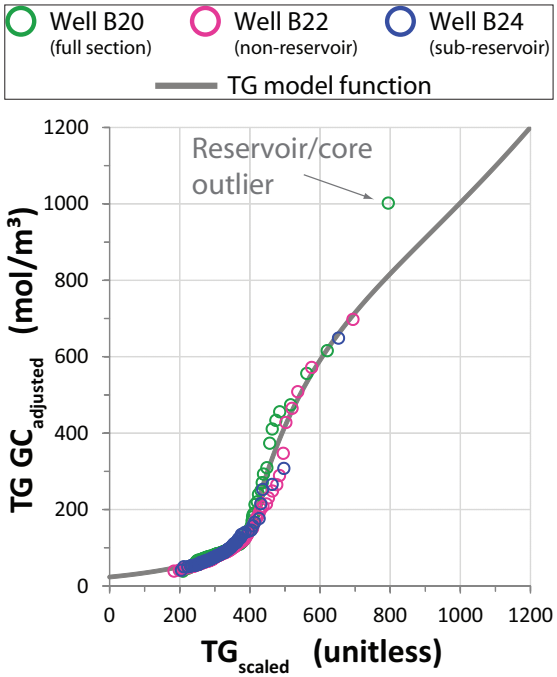


Figure 7–10 Adjusted distribution of TG GCnorm from the remaining wells as a preparatory step for mudlog shifting (Appendix A).

7.2 Acquisition of environmental parameters

The calibration procedure in Chapter 7.1 led to total gas (TG) concentrations that refer to the amount of hydrocarbon molecules (in moles) per unit volume of rock (m³). Basically, the calibrated TG concentrations need to be partitioned between dissolved and free gas to yield gas saturations. Conversion into hydrocarbon saturation requires a sufficiently accurate calibration of the available pore volume while pore pressure, formation temperature and pore water salinity are necessary to calculate the volume of the free gas phase under consideration of dissolution loss to the aqueous phase. Individual determination of these environmental parameters is the subject of the following sub-sections.

Porosity The pore volume of a natural sedimentary rock is a relative physical parameter especially if clay minerals are involved (Pearson 1999; see also Fig. 7–11). The net-negative charge of clay mineral surfaces leads to adhesion of dissolved cations and polar molecules that are enveloped by a layer of ordered water molecules (*e.g.* Waxman & Smits 1968). This so-called electric double layer along with dead-end and isolated pores slightly reduces the volume effective for fluid flow (Mitchell & Soga 2005). In addition, structural and inter-layer water and hydroxyl groups do not contribute to the flow network and are commonly subtracted from total porosity for the study of advective fluid transport through the pore network (Zinszner & Pellerin 2007). Between 0 and 75% of a total mudstone porosity can be inaccessible for advective fluid transport depending on the thickness of the diffuse double-layer as a function of clay surface charge and pore water salinity (Sevee 2010 – and references therein).

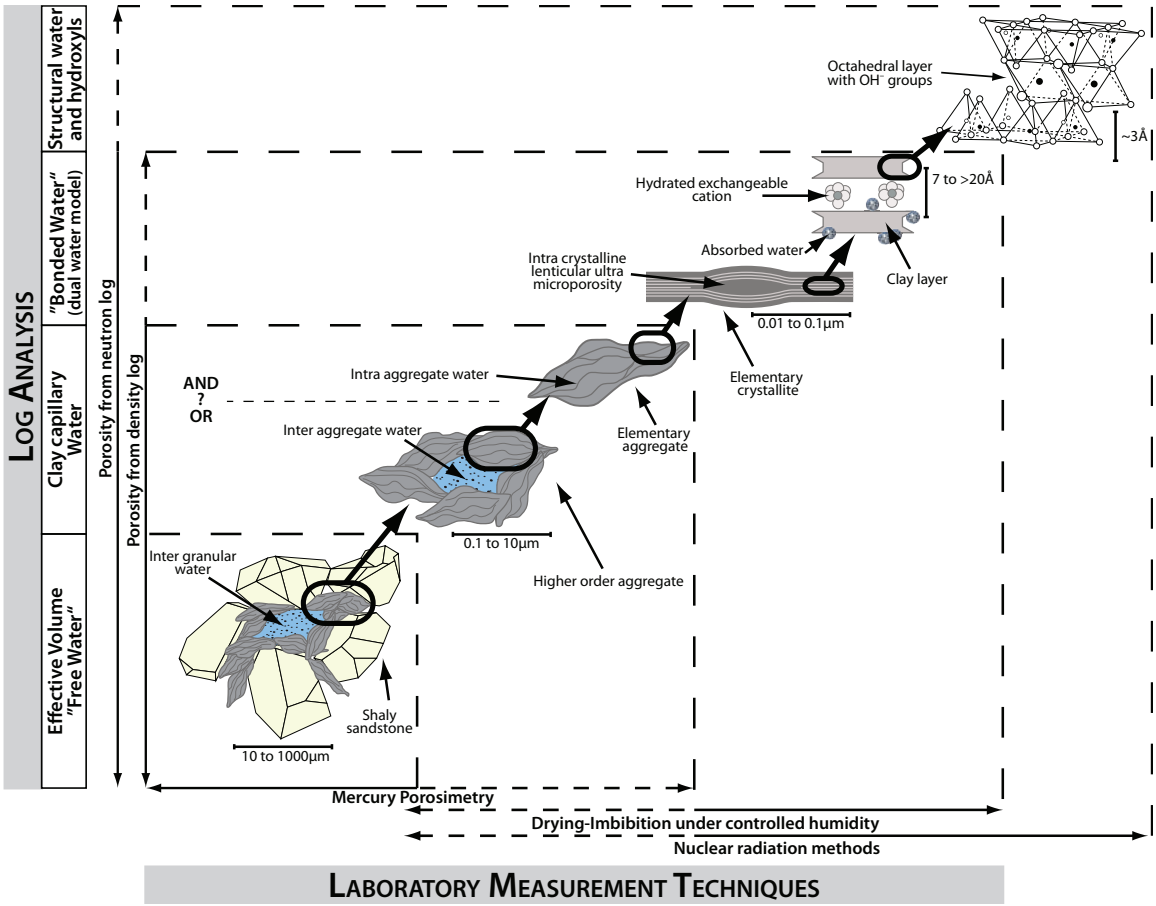


Figure 7–11 Porosity from humidity dried core samples is not directly comparable to porosity from density log because the former incorporates constitutional water of minerals and volume occupied by organic matter, *e.g.* the higher the clay content and the more organic the mudrock the higher is the overestimation of porosity from bulk density with respect to laboratory measured porosity (Figure adopted from Zinszner & Pellerin 2007, and modified after Woodhouse & Warner 2005).

In this work, however, the focus of interest is on the pore volume that is capable of hosting a mixture of water, dissolved salts, and hydrocarbon gas in order to calculate the overall gas saturation according to its solubility in a brine-filled pore space. Since both available porosity logs (from density and from neutron log) respond to clay-structural

water and hydroxyl molecules – which clearly do not participate to the pore space of interest (Woodhouse & Warner 2005) – it is recommended to test and calibrate the most suitable porosity log with humidity-dried and therefore representative total porosity from the conducted MIP experiments (Chapter 4.2).

The porosity from density log was the preferred calibration target since it is more likely to resemble the laboratory results rather than the neutron log (Fig. 7–11). Modelled core image (CI) porosities of massive mudstones (facies 1; see Chapter 5) were chosen as a calibration reference data set for three reasons: (1) the high clay content of facies 1 largely covers the grain size range of the core samples and upscaled values are thus realistic, (2) although the presence of clay-bound water in mudstones certainly leads to deviations between density logged porosity and mercury injection porosity a consistently large hydrocarbon component (that would lead to even higher deviations; Hearst *et al.* 2000) is unlikely and therefore disqualifies as a potential error source in contrast to most sandstone intervals, and (3) sandy sections have a generally lower total porosity than clay-rich sediments and are thus hardly affected by a clay-related calibration function that

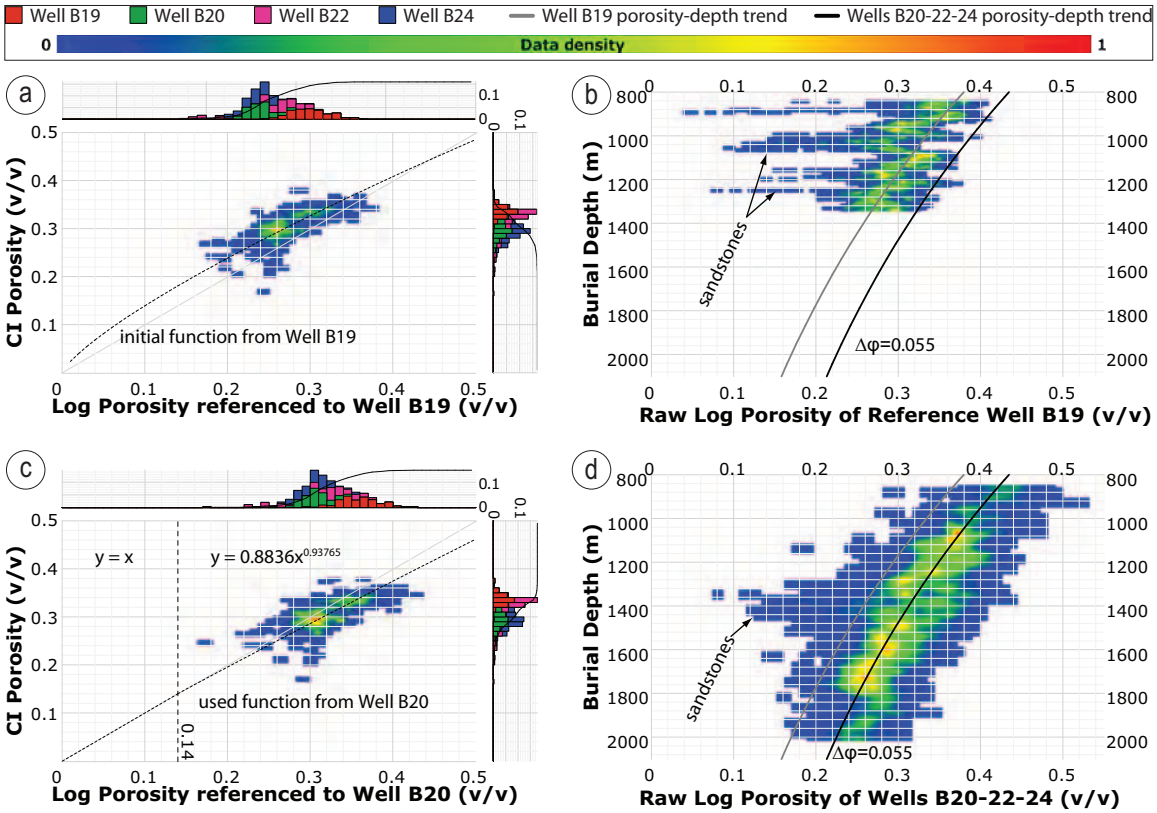


Figure 7–12 (a) A general overestimation of massive mudstone CI porosities with respect to density log porosities that were referenced to Well B19 contradicts from Figures 7–8 and 7–11 expected relations between these two parameters. This reversed offset of the upscaled mercury injection porosities from the 1:1 correlation line was found to be inherited from (b) a baseline-anomaly in the raw density log porosity trend of B19. The displayed B19 log signal offset of $\Delta\varphi$=0.055 m³/m³ is considered as an anomaly in the sensitivity settings of the log tool since the raw density log porosity trends from all the other wells (B20, B22, B24) show significantly higher porosities. (c-d) Re-referencing of the log signals to well B20 solved the problem insofar as the porosity parameter relationship is now close to unity and a slight calibration function can be applied on the precept that laboratory measurements yield slightly lower mudstone porosities when compared to density log porosities (see Figures 7–8 and 7–11).

is anticipated to deviate from a 1:1 ratio, particularly for high clay and porosity values (see Figures 7–8 and 7–11).

Figure 7–12a shows an initial calibration function for the porosity from density log (see Chapter 5.3 for pre-processing of log signals). The reason why the CI porosity is higher than the non-calibrated log porosity (although it should be the other way around, see above) was allocated to a characteristic baseline-shift in the density log of reference well B19 (Fig. 7–12b). A re-referencing with respect to the B20 density log solved the problem by revealing a common clay-to-log porosity trend close to unity (Figs. 7–12c,d). These findings underpin the importance of wireline log harmonisation between different wells and subsequent recalibration with physically measured data. The calibrated output porosity is shown in Figures 7–26 to 7–29.

Pressure It is widely acknowledged that the low permeabilities of mudrocks cause elevated pore pressures during shallow burial (< 70-100°C) if the rate of porosity loss from mechanical compaction and lateral forces is higher than the drainage rate of the pore fluids (Bjørlykke 1999, Swarbrick *et al.* 2002). Unlike in permeable reservoir and carrier rocks, restricted fluid conductivity of a mudstone layer prohibits real-time pressure equilibration with a penetrating borehole (Whittaker 1985, Dusenbery & Osoba 1986). It is therefore very difficult to directly measure the internal pore pressure of mudstone stratigraphy (Yang & Aplin 2004). High-quality pore pressure measurements from Schlumberger's MDT (Modular Dynamics Formation Tester) and other RFT (Repeat Formation Tester) tools have consequently been taken in widely permeable or thin-bedded stratigraphy only (*e.g.* Lyons & Plisga 2005). Such pressure data are available for wells B19, B20, and B24 and will serve as a calibration reference for the pressure model presented in the following paragraphs.

When assuming that the pore space provides the predominant drainage pathway and burial has been roughly linear and constant within the Nile Delta Pliocene (Fig. 1–2) the formation pressure of permeable sandstones can be roughly approximated as a function of burial depth. This assumption is apparently valid for non-reservoir sandstones as demonstrated in Figure 7–13. While the reservoirs are in pressure equilibrium and linear regressions with burial depth need no further amendment the global non-reservoir trend serves as a starting point for the calibration of a pore pressure model as a function of clay content for each individual well.

Yang & Aplin (2004) have bypassed the problem of missing mudstone pore pressure data by relating lithology (clay content) to compaction coefficients which – based on Terzaghi's (1943) relation in soil mechanics – yield an estimate of effective stress as a

function of porosity, with pore pressure resulting from the difference between total and effective stress. It follows that Yang & Aplin's (2004) procedure for pore pressure prediction requires the following input parameters: clay content, void ratio or porosity, and total or overburden stress. Calibrated porosity logs are available from the previous section and total stress is given by BP's overburden gradient (Equ. 5h, Chapter 5.1) plus the individual seawater column height at the drill sites. Clay content reflects the volume of grains smaller than 2µm and has, in contrast to clay mineral content no direct physical relation to any of the acquired wireline log signals. It was therefore decided to run TechLog's Ipsom ANN directly with the clay content from the CIGS model (see Chapter 5) that was resampled from its initial 5mm resolution to the log step. The applied ANN approach has strong parallels with the concept presented in Yang *et al.* (2002).

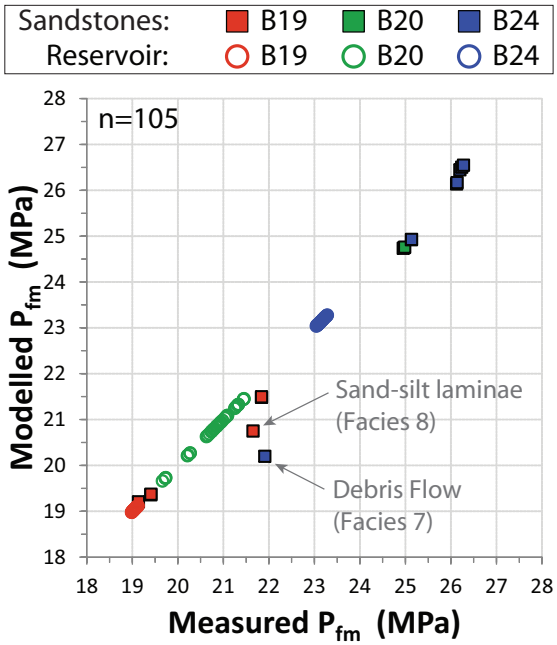


Figure 7–13 Formation pressure regressions both for reservoir and sand-rich non-reservoir intervals (facies 7-12). The reservoir pressure regressions are in the form of $P_{fmS} = a*z_{well}+b+P_{sea}$, where z_{well} is the burial depth (m) and P_{sea} the water pressure (MPa) at sea bottom. B19 reservoir: a = 0.001343, b = 11.22; B20 reservoir: a = 0.009857, b = 3.779; B24 reservoir: a = 0.001593, b = 14.72; global non-reservoir: $P_{fmS} = 0.010972*z_{well}+0.753*P_{sea}+2.771$.

Since ANN's require a manageable number of input categories to be trained on – like lithofacies in Part II – the entire CIGS clay content range from 0% to 100% has been split into 20 bins spanning 5% each. Ipsom was trained on all 4 wells simultaneously with the same model configuration as for the wireline facies propagation (Part II) with the sole exception of an increased number of Kohonen nodes (18^2) owing to the almost doubled amount of reference categories (Fig. 7–14). Since the CIGS model could not be calibrated for sand-rich sections facies 7 and ≥9 (see Fig. 5–3) were by default allocated with 0% clay and accordingly not processed with Yang & Aplin's (2004) pressure model.

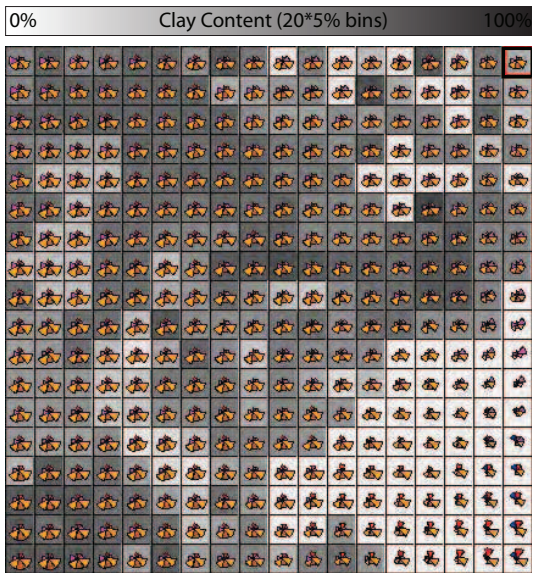


Figure 7–14 Ipsom's Kohonen map for the clay model shows a good spatial separation of recognised clay content for mud-rich facies (grey gradients). Sandy/neglected facies are represented by the white fields.

The uncalibrated ANN model output (not shown) yields high frequency pressure logs

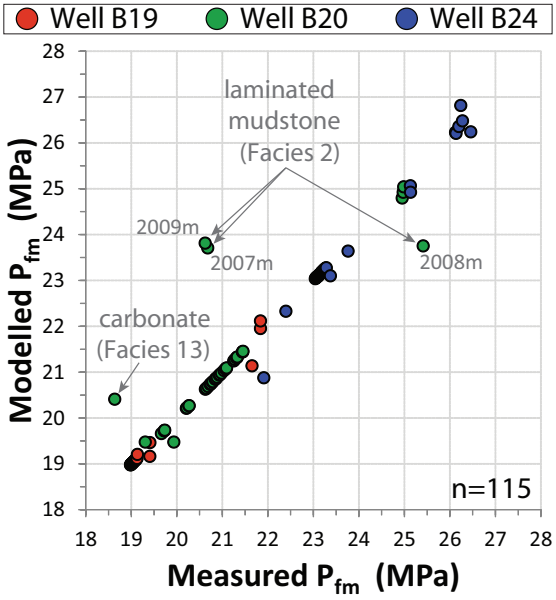


Figure 7–15 Calibrated formation pressure model reproduces the measured MDT pressure largely independent of facies type. Carbonate pore pressures (1 data point) possibly remain unconstrained although they could be strongly affected by the surrounding mudstone pressures. Three MDT measurements that were taken at 2007-2009m in B20 are biased since a gradient of >5 MPa per metre seems unlikely (the modelled value lies in between which is a fair compromise).

for clay-bearing facies (facies 1 to 6 and 8). In order to produce continuous pressure logs that match the sporadically measured data (MDT measurements, see Chapter 3.1) in the non-reservoir a fitting procedure has been applied by adjusting both the frequency of the clay-derived pressure log and – for each individual well – the slope of the global sandstone pressure gradient (applied to facies 7 and ≥9). Calibration quality is displayed in Figure 7–15.

Unfortunately, there are no MDT pressure data available for Well B22. In this case the mudlog pressure that is roughly valid for permeable units was utilised as calibration reference for the global non-reservoir pressure regression (see caption of Fig. 7–13). As for the B22 reservoirs, the average pressure gradient of wells B19 and B24 was taken as an estimate for two reasons: (1) B19 and B24 have a very similar reservoir pressure gradient though at different burial depth and (2) B20 with a much steeper gradient bears no commercial column height unlike B22. Further, as the vertical extent of B22's reservoir sections is known from the wireline facies output (Fig. 5–40) the magnitude of reservoir pressures was adjusted to intercept the non-reservoir pressure curve at reservoir top and base respectively.

Calibrated output pore pressure curves for all of the four wells are shown in Figures 7–26 to 7–29.

Temperature Formation temperature was measured via probing wireline tools (MDT, RFT) and non-probing tools (temperature log). Borehole fluid circulation can have a significant impact on the temperature of the adjacent formation fluids, *i.e.* quality of the measured data reduces with the length of period between drilling and logging (Lyons & Plisga 2005). Still, linear regressions of the measured data yield very good correlation coefficients (Figure 7–16) on assumption of a common sea bottom temperature of 13.7°C (Mastalerz *et al.* 2007).

Although the range of geothermal gradients is large it has been found to vary with geographic location of the drillsites. Therefore a geographical triangulation between the three

data-bearing wells (B5/B9/B24, see Fig. 1–3) closest to B22 was used to approximate its geothermal gradient under consideration of drillsite water depth.

Approximation of the formation temperature by linear gradients will suffice for the purpose of estimating hydrocarbon solubility in water since (1) temperature changes at a given pressure has a negligible impact on hydrocarbon solubility (*e.g.* de Hemptinne *et al.* 1998a, Pedersen & Christensen 2007) and (2) tectonically or hydrodynamically induced temperature inversions at depth have not been reported from this area.

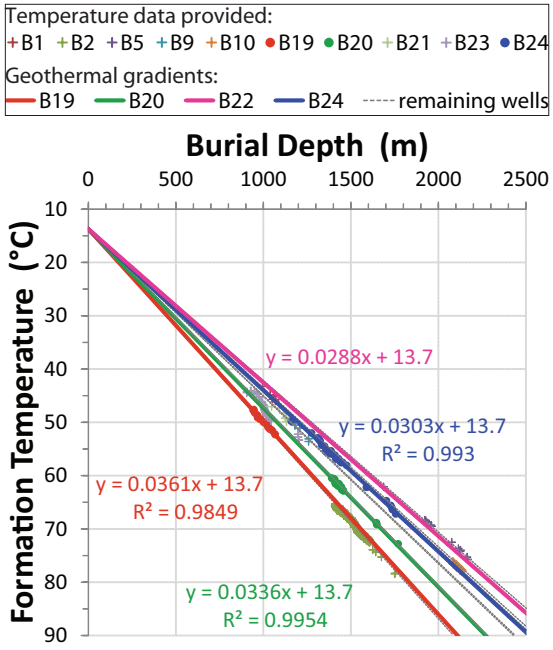


Figure 7–16 The four wells of interest cover a wide range of geothermal gradients. The gradient for well B22 was triangulated from temperatures of the 3 closest wells (see text).

Salinity Formation water salinity of marine sediments may decrease with depth as it is progressively diluted by meteoric aquifer water (*e.g.* Neglia 1979, Hanor *et al.* 1994a & 1994b). However, the dense network of negatively charged clay minerals in mudstones acts as semipermeable membrane that partially or totally fractionate ions dissolved in the pore water (Kharaka & Berry 1973). This phenomenon hampers the entrance of saline brines and may resolve in passive salinity increase via membrane-filtration (Graf 1982). Likewise, dissolution of evaporite deposits can lead to substantial salinity anomalies as the solutes migrate upwards (Hanor *et al.* 1994a & 1994b). The latter has been recorded in the Neogene Nile Delta sediments from dissolving Messinian evaporites (Sayles *et al.* 1973, Bode & Sotelo 1978, Vengosh *et al.* 1994 & 2000) that are held responsible for the potential release of hypersaline brines at seafloor seeps and mudvolcanoes in the area (Huguen *et al.* 2009).

Unfortunately, there are no measured fluid salinities available from the wells under investigation, *i.e.* any salinity model applied remains hypothetical and input parameters can only be calibrated in terms of causality. This is a critical aspect of the later described saturation model as the salinity of formation water is inversely proportional to hydrocarbon solubility; a phenomenon commonly referred to as “salting-out” effect (*e.g.* Wiesenburg & Guinasso 1979, Price 1979, Søreide & Whitson 1992, Docherty *et al.* 2007).

Salinity estimations are usually performed from electrical logs since the interstitial brines of a water-wet formation provide a highly conductive electrolyte network that affects the bulk discharge of the inflicted electrical field (Zinszner & Pellerin 2007). A similar principle

is traditionally used to infer hydrocarbon saturations in gas or oil wet reservoirs where the reduced water is isolated. This may lead to very high formation resistivities because electrical discharge at low water saturation occurs via a network of apolar hydrocarbons and rock matrix (Tiab & Donaldson 2004). Either way, electric measurements allow for pore fluid characterisation only if the resistivity (or inverse conductivity) of the rock matrix is known. This parameter is usually expressed by the formation factor F which is the resistivity ratio between the brine saturated rock and the saturating brine (R0/Rw) and can be derived both experimentally and empirically as an intrinsic rock property (Zinszner & Pellerin 2007).

Experimental determination of the formation factor from core samples is labour-intesive and usually conducted on a small number of reservoir plugs as a benchmark for empirical F-factor models (Lyons & Plisga 2005). Such empirical models involve the famous Archie's (1942) equations that describe the electrical conductivity behaviour of clay-free rocks while the Waxman-Smits (Waxman & Smits 1968) and dual-water (Clavier *et al.* 1984) models and their derivatives account for the dual conductive pathways via pore brine and clay mineral exchange cations. All these models relate to a power law function between F-factor and porosity (Equ. 7f) that was first described by Archie (1942) and is based on experimental data.

$$F[\,] = \varphi^{-m} \qquad \textit{(7f)}$$

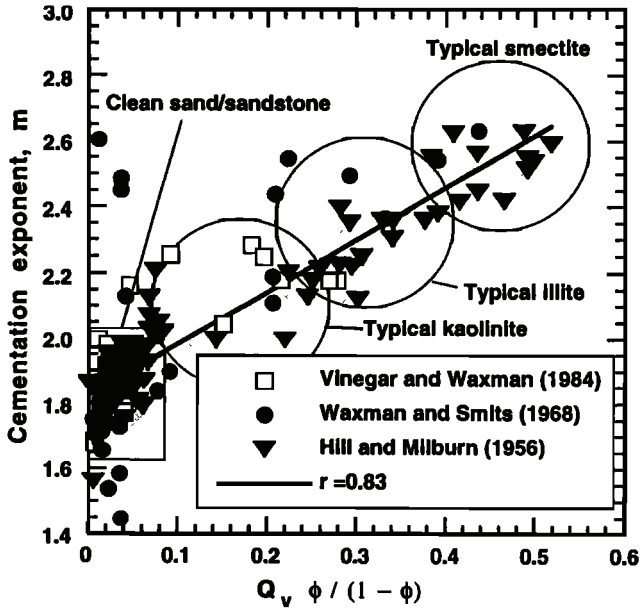


Figure 7–17 The cementation exponent m that determines the formation factor F can be calculated from excess surface charge Qv and void ratio. Qv can be determined from clay mineral content VSH via average clay mineralogy and the cation exchange capacity CEC of the respective mineral fractions (Table 7–11; see text). in other words, VSH is a key parameter to determine the formation factor which is essential for salinity calculations from resistivity logs (adopted from Revil *et al.* 1998).

Waxman & Smits (1968) related the so-called cementation exponent m of this equation to excess surface charge (Fig. 7–17), the latter being a function of grain density and cation exchange capacity CEC. Further, the effective CEC of any given mixture of sand grains and clay minerals is a function of clay mineral content VSH, relative fraction of each clay mineral type and its respective CEC (Patchett 1975; see Table 7A). It follows that the formation factor for each wireline log data point can be estimated if VSH is known.

VSH is traditionally derived from

natural gamma radiation logs (HSGR) on the basis of increased radionuclide concentration in clay-rich deposits (especially potassium-40 but also uranium isotopes; Ellis & Singer 2007) or the slightly less popular spontaneous potential (SP) logs that quantify clay content basically from the effective CEC of a sediment (Tiab & Donaldson 2004). Since SP logs are not available for the investigated wells of the study area VSH for evaluation of the F-factor is derived from HSGR logs under assumption of a fairly linear relation between natural radiation and clay mineral fraction (Ellis & Singer 2007; Fig. 7–18).

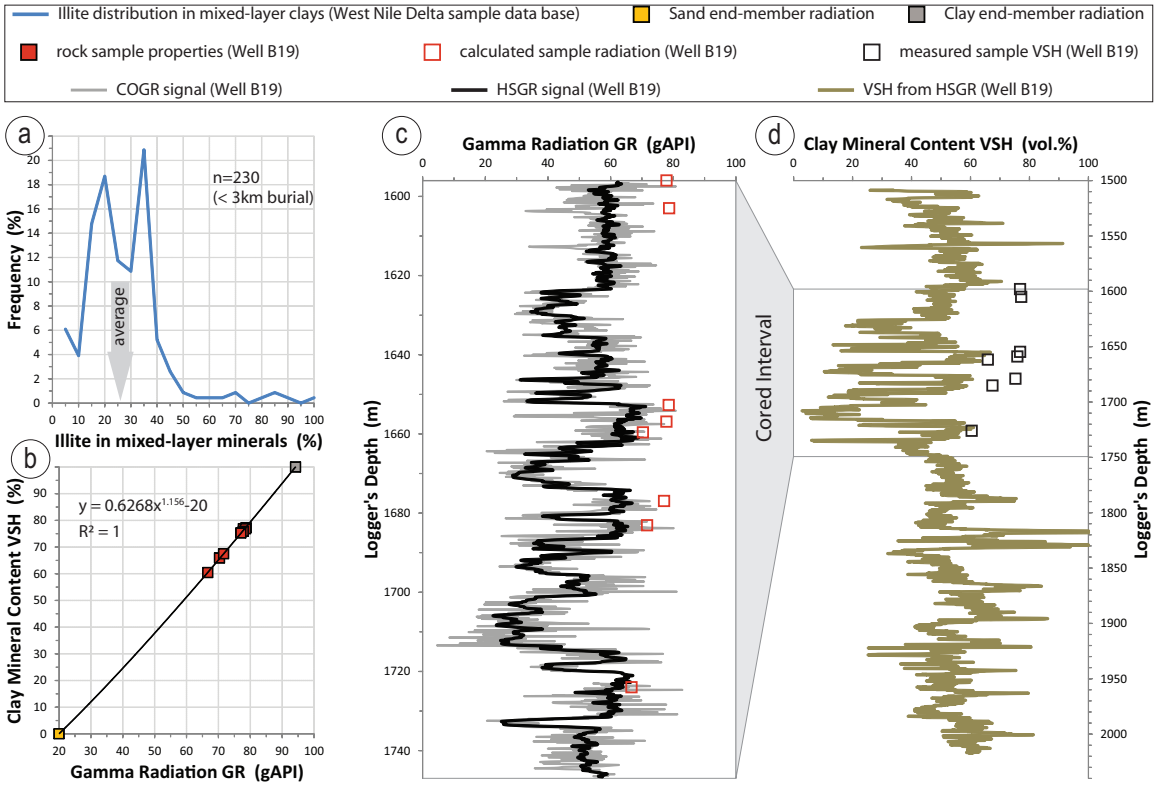


Figure 7–18 (a) The average Illite-to-Smectite ratio of 1:3 in mixed-layer minerals of Pliocene mudrocks from the western Nile Delta in conjunction with the average mineralogy and published clay mineral properties (Table 7A) allows (b) a strong correlation between VSH and gamma radiation. Although this relation itself is universal for the HSGR signals referenced to well B19 (c,d) the resolution of the output parameter VSH is clearly bound to the wireline log resolution (which has a significantly lower range and frequency compared to core gamma ray log COGR or core sample resolution).

The pervasive occurrence of clay-rich facies in the non-reservoir of the Pliocene borehole sections along with the aforementioned lack of calibration data demand the recourse to a published salinity model that both (1) accounts for the different behaviour of anions and cations in clay-bearing granular porous media and (2) was successfully tested *versus* measured data. Revil *et al.* (1998) provide such a model for electrical surface conductivity that yields pore fluid salinity as a function of temperature, water saturation, clay properties, and porosity. In principle, salinities from their model are derived from the ratio between (modelled) grain surface conductivities and (measured) bulk formation resistivity. The authors applied the method to boreholes in the Gulf of Mexico and output salinities were in agreement with sampled pore water, *i.e.* their model is expected to yield

realistic results that suffice for the purposes of this study. The exact procedure including further background information and references can be obtained from Revil *et al.* (1998). Key input parameters are listed in Table 7A.

	Illite	MLC*	Kaolinite	Chlorite	Reference
Fraction (g/g)	0.2	0.5	0.23	0.07	mudrock DB (n=230; unpublished)
Gamma Radiation (gAPI)	250	100	80	180	Ellis & Singer (2007)
CEC (meq/g)	0.09	0.62	0.03	0.01	Thomas (1976)

Table 7A Key parameters for the determination of the HSGR-to-VSH relation in Figure 7–18b and the subsequent calculation of excess surface charge Qv as a function of cation exchange capacity CEC and average grain density (~2650 kg/m³; see Revil *et al.* 1998, for further details). Qv and calibrated porosity yield an estimate for the cementation factor m (see Fig. 7–17) that is the key to formation factor F (see Equ. 7f), one of the most fundamental parameters in electric log interpretation such as Revil *et al.*'s (1998) salinity model. *mixed-layer clays with on average 25% Illite and 75% Smectite (see Fig. 7–18b)

As for the input water saturations an Archie-conform saturation log for the sandstone intervals (calibrated by Dr. Xiuwen Mo) was considered as an acceptable approximation because saturation effects on the applied salinity model are unlikely in mudstones due to their commonly weak response to electrical log signals. In fact, hydrocarbon saturation in mudstone pore space is irrelevant for electric salinity models for the same reasons why hydrocarbon saturation in mudstone pore space cannot be calculated from electric logs (see introductory part of Chapter 7). This is the strength of the saturation model applied in this study and discriminates it from other methods that are valid for conventional reservoir rocks only. Relevant input logs and the derived output salinity curves are shown in Figures 7–26 to 7–29.

7.3 From solubility to saturation

With apolar molecule structures, hydrocarbons are hydrophobic and therefore poorly soluble in water (*e.g.* Pedersen & Christensen 2007). While methane (C1) is the most soluble alkane, solubility decreases by a factor of 1.87 for each additional carbon atom (Brady *et al.* 1982). Since the composition of the Pliocene gas in the case study is strongly dominated by C1 (>98%; Part I) its solubility in pore water is crucial for the existence of a separate gas phase – *i.e.* gas saturation – as the bulk TG concentration decreases. In contrast, the volume loss of high gas concentrations to the formation water and *vice versa* – *e.g.* inside commercial reservoirs – will be negligible under the considered PT conditions (T<100°C; P<35 MPa; see Fig. 7–19), not least because of the diminishing solvent volumes.

Further, the sporadic traces of wet gas (C2+) within the case study have no physical impact on C1 solubility because short-chained hydrocarbon mixtures in water have ideal solution behaviour, *i.e.* the solubility of individual hydrocarbon components is a function

of their individual molar fraction in aqueous solution (de Hemptinne *et al.* 1998b, Dhima *et al.* 1998 & 1999). Consequently, the modelled TG can be approximated as pure C1 without risking significant errors in the modelled solubilities.

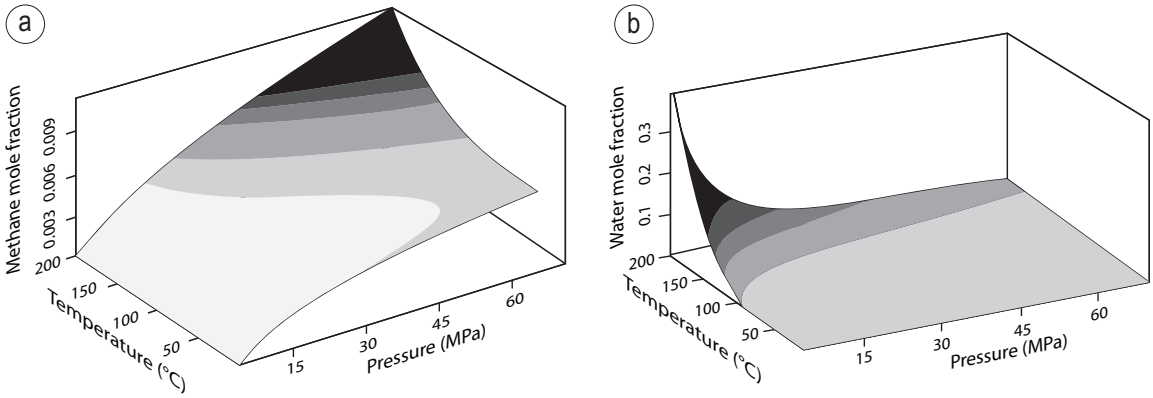


Figure 7–19 (a) Methane solubility in water and (b) water solubility in methane under various pressures and temperatures (adopted from de Hemptinne *et al.* 1998a).

First of all, determination of mutual phase solubilities requires the identification of effective partial pressures or fugacities of the substances involved. At equilibrium conditions, the fugacity of a chemical component such as methane in the gas phase is equal to its fugacity in the aqueous or dissolved phase (Equ. 7g).

$$f_{C1}^{HC} = f_{C1}^{aq} \qquad \textbf{(7g)}$$

The fugacity (in MPa) is an indicator for the chemical potential of a real gas. Substitution of the previously modelled or apparent pore pressure with methane fugacity expands the validity of the Ideal Gas Law to real gas behaviour under the given PT conditions. Therefore, identification of methane fugacity is not only fundamental to solubility calculations but also essential in determining the water phase volume that adds up to the methane volume to meet the associated porosity.

Phase fugacities under the environmental PT conditions are commonly calculated by an equation of state (EOS). The two-constant Peng-Robinson cubic EOS (PR-EOS; Peng & Robinson 1976) proved to yield particularly accurate values if compared to measured fugacities (*e.g.* Søreide & Whitson 1992, Dhima *et al.* 1998 & 1999). Consequently, the PR-EOS was used to calculate methane fugacity f_{C1}^{aq} in water according to the critical component parameters and accentric factors listed in Søreide & Whitson (1992). Subsequently, the pore volume occupied by methane molecules could be calculated by the pressure-corrected Ideal Gas Law. The remaining volume V_{H2O} – occupied by water molecules – was converted into molar units (n_{H2O}) via temperature-related water densities ρ_{H2O} (in g/m³; from Wagner & Pruss 1993) and molar mass M_{H2O} = 18.015 g/mol.

$$n_{H2O}\,[mol] = V_{H2O} \cdot \rho_{H2O} / M_{H2O} \qquad \textbf{(7h)}$$

This procedure yields the two most fundamental input parameters for solubility calculation, *i.e.* the molar methane concentration and the molar water concentration within the pore space of any unit rock volume along the Pliocene well sections. The free methane gas phase and hence saturation for each data point is calculated by subtracting the molar methane fraction x_{C1}^{aq} (in mol/mol) that is dissolved within the water. The magnitude of x_{C1}^{aq} is described by Henry's Law (Equ. 7i) as a function of the methane fugacity f_{C1}^{aq} in water (as derived from the PR-EOS), Henry's constant H_{C1}, and the activity coefficient γ_{C1}.

$$f_{C1}^{aq}\,[\text{MPa}] = x_{C1}^{aq} \cdot H_{C1} \cdot \gamma_{C1} \qquad \textit{(7i)}$$

Henry's constant H_{C1} is the fugacity of methane at infinite dilution in water and can be obtained from the relation of Harvey (1996) as a function of temperature and pure water saturation vapour pressure. The latter is given by Saul & Wagner (1987) and Wagner & Pruss (1993). Pressure correction for H_{C1} is conducted via the Krychevsky-Kasarnovsky or [K-K] equation (Krychevsky & Kasarnovsky 1935). Prerequisites for solving the [K-K] equation are determination of the pure water vaporisation enthalpy (*e.g.* from Yaws 1999) as well as molar C1 volume at infinite dilution as given by the expression of Lyckmann *et al.* (1965). Dhima *et al.* (1999) report that both Harvey's (1996) and Lyckmann *et al.*'s (1965) formulae yield values that are in excellent agreement with their experimentally obtained data.

The [K-K] equation (not shown) neglects the low water compressibility and assumes that the activation coefficient of Henry's Law is equal to one. This approximation was reported to yield valid results if (1) the [K-K] equation is applied at temperatures below 100°C (Malinin 1974, Dhima *et al.* 1999), and (2) if Henry's Law is applied to two-phase hydrocarbon-water mixtures due to their tendency towards ideal solution behaviour (de Hemptinne *et al.* 1998b, Dhima *et al.* 1998 & 1999). Calculation of methane solubilities in a unit volume of pore water is therefore a straight forward task using the following simplification of Henry's Law:

$$x_{C1}^{aq}\,[\text{mol/mol}] = f_{C1}^{aq} / H_{C1} \qquad \textit{(7j)}$$

A correction for the effect of dissolved salts in the formation water can be obtained by Søreide & Whitson's (1992) regression of Cramer's (1984) dimensionless salting-out coefficients k_s as a function of temperature. The molar methane fraction in brine x_{C1}^{brine} is finally calculated by the following expression (Søreide & Whitson 1992):

$$x_{C1}^{brine}\,[\text{mol/mol}] = x_{C1}^{aq} \cdot 10^{-k_s \cdot c_{sw}} \qquad \textit{(7k)}$$

where the salinity c_{sw} is in units of 10^3 mol/kg. The pure water density regression of Wagner & Pruss (1993) allows the required unit conversion of the input salinities that were originally modelled in mol/L (Chapter 7.2). Further, the obtained values for molar

methane solubility x_{C1}^{brine} are multiplied with the molar concentration of water n_{H2O} (Equ. 7h) in the remaining pore space to obtain the maximum amount of dissolved methane TG_{SOLX} (in mol/m³). Substitution of the pore pressure with methane fugacity in the Ideal Gas Law (Equ. 7b) enables the subsequent conversion of molar TG_{SOLX} into the volumetric solubility threshold TG_{SOL}:

$$TG_{SOL}\ [m^3/m^3] = TG_{SOLX} \cdot R \cdot T / f_{C1}^{aq} \qquad \textit{(7l)}$$

Likewise, Equation 7l allows the original molar TG_{model} concentrations (as obtained from the methodology in Chapter 7.1) to be recalculated into volume fractions of bulk rock.

As a reminder, a free gas phase is present if methane concentrations exceed the expected solubility. In other words, if more gas has been detected within the available pore space than could possibly be dissolved within the accessible volume of water a free gas phase would co-exist next to methane-saturated formation water. Consequently, since TG_{model} concentrations relate to the bulk rock volume the calculation of free (methane) gas volume SAT_{HC} per pore space φ in a unit volume of rock is as follows:

$$SAT_{HC}\ [m^3/m^3] = (TG_{model} - TG_{SOL}) / \varphi \qquad \textit{(7m)}$$

If less TG is available than could be dissolved the 'undersaturation' SOL_{HC} of methane in water can be expressed as a fraction of the solubility threshold TG_{SOL}:

$$SOL_{HC}\ [m^3/m^3] = TG_{model} / TG_{SOL} \qquad \textit{(7n)}$$

Equations 7m and 7n yield the ultimate target logs of this chapter.

Evaluation of results The herein deduced hydrocarbon saturation model can be applied independent of input data resolution because (1) the TG_{model} function in Chapter 7.1 was established on the basis of a scale-independent correlation between nuclear log signals and molar gas concentration, and (2) because the methane solubilities are calculated as molar fractions of water that are dependent on the same unit volume of porous rock as the TG_{model} concentration. In other words, a sampling step of one data point per

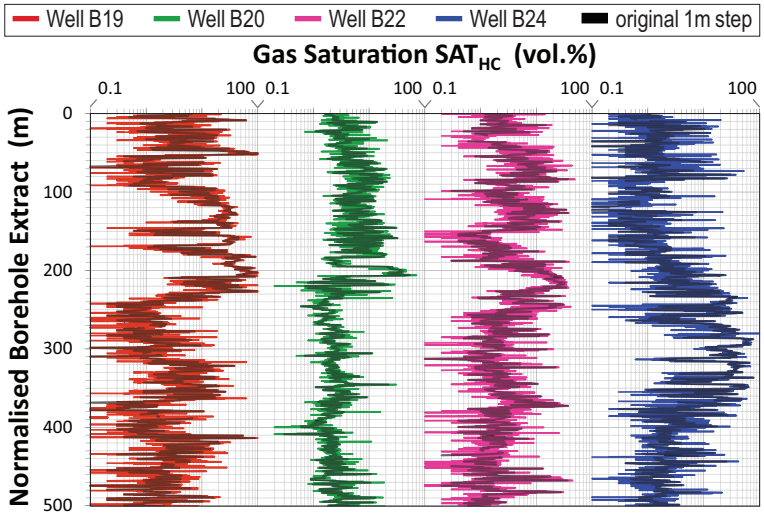


Figure 7–20 Modelled saturations at the original mudlog resolution (1m resampled input log signals) also represent the average of the output saturations calculated at the log resolution (~15cm) because model validities are scale independent (see text). Minor discrepancies in this Figure are due to the fact that the original TG model is not based on the moving average but on the static average for every full metre.

metre (as originally used in for the TG model and saturation model) yields the average saturation value of 1m wireline log saturation (~15 cm step; Fig. 7–20). Consequently, evaluation of the saturation model is based on the log resolution.

Remarkably, the model sensitivity in the range of the saturation threshold is above average (Fig. 7–21). This observation may be traced back to the diminishing influence

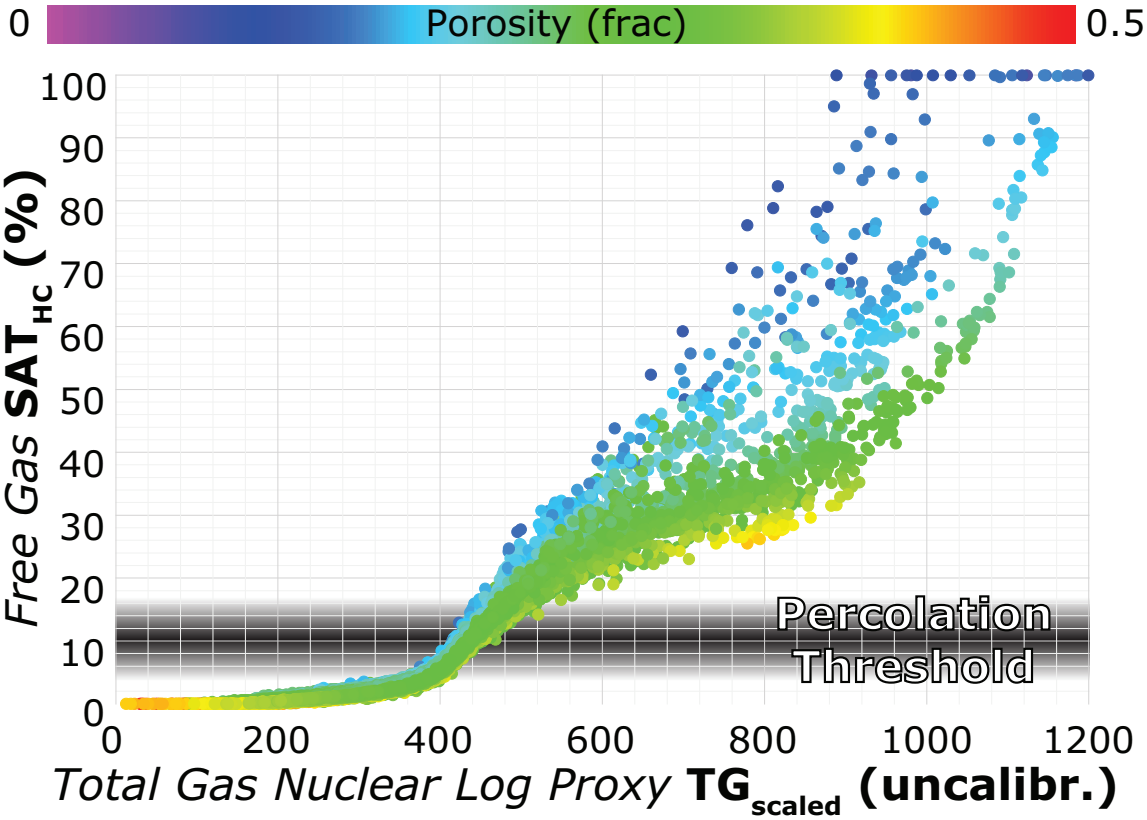


Figure 7–21 The kink in the conversion function from scaled nuclear wireline proxies (TG_{scaled}) with respect to the TG GC distribution (see Figs. 7–9b and 7–10) relates to modelled gas saturations (SAT_{HC}) in brine that covers the range of the percolation threshold (range of interest; see Chapter 6 and Fig. 6–1). The slope within this range is steeper than elsewhere, indicating a higher sensitivity of the wireline proxy possibly due to the largely missing interconnectivity of gas bubbles (Chapter 6).

of isolated gas bubbles on the nuclear wireline log proxy as opposed to interconnected gas phase at higher saturations, *i.e.* the TG log proxy may not be as phase-independent as initially assumed.

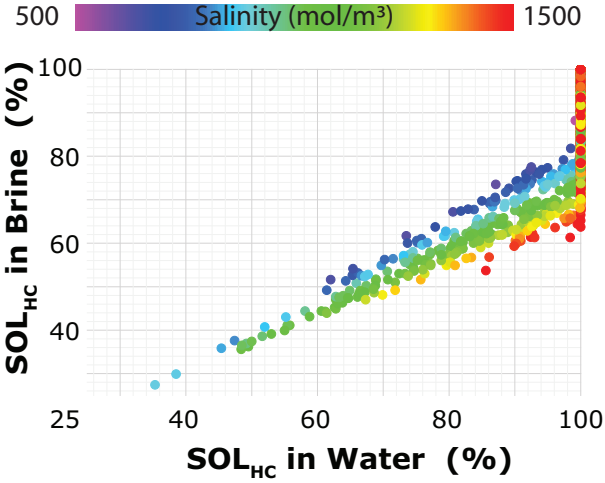


Figure 7–22 The salting-out effect of NaCl on methane pushes the gas concentration that would be totally dissolved in pure water past the saturation threshold at SOL_{HC} = 100%.

The magnitude of the salting-out effect as illustrated in Figure 7–22 emphasises its role as a key parameter for the detection of free gas phases at very low methane concentrations. Modelled gas saturations in the non-reservoir pore brines cumulate below the range of the solubility threshold (Fig. 7–23), *i.e.* Darcy flow may

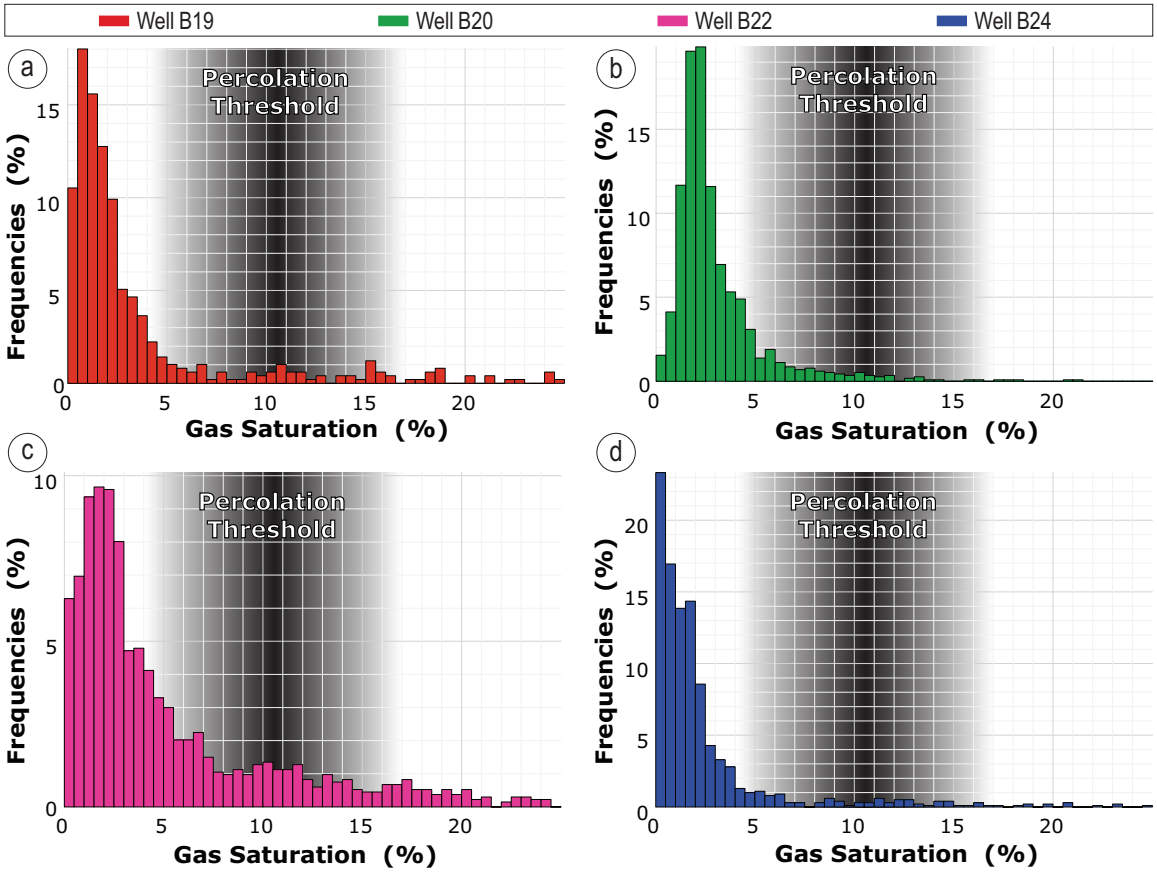


Figure 7–23 Gas saturations within the cap rock mudstones (facies 1-4) of the investigated wells cluster at values between 0 and ~6 vol.%. The bulk of the data plot below the percolation threshold (see Chapter 6) which precludes Darcy flow at wireline log resolution (~15cm).

only occur at a significantly higher resolution than that covered by the wireline log signals (Fig. 7–24).

The relative pore volume of brine-dissolved gas is amazingly rigid (Fig. 7–25) given the variability of the modelled environmental input parameters from Chapter 7.2 (see also Figs. 7–26 to 7–29). Such low variance of total dissolved gases indicate that the output quality of the proposed model approach is largely a function of the calibrated TG log (Chapter 7.1). It is therefore concluded that a commercial application of the saturation model would demand a more fundamental (laboratory) study on the interrelations between hydrocarbon concentration and nuclear responses (neutron/gamma scatter) similar to the work of Archie (1942).

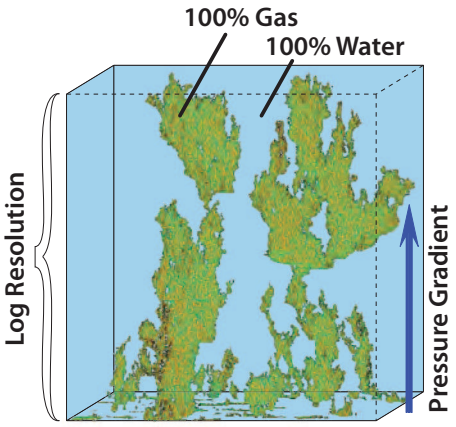


Figure 7–24 Small-scale heterogeneities in the spatial distribution of free gas filaments in mudstones cannot be resolved with conventional wireline log data. The model cube illustrates filamentary invasion of a water-wet host rock with petroleum while the pore pressure exceeds the capillary forces (courtesy of K. Kurtev).

Modelled input/output logs and relevant calibration data are shown in Figures 7–26 to 7–29. Combination of such estimated gas volumes with the geochemical gas proxies (Part I) allows the spatial and therefore causal association of genetic gas volumes with

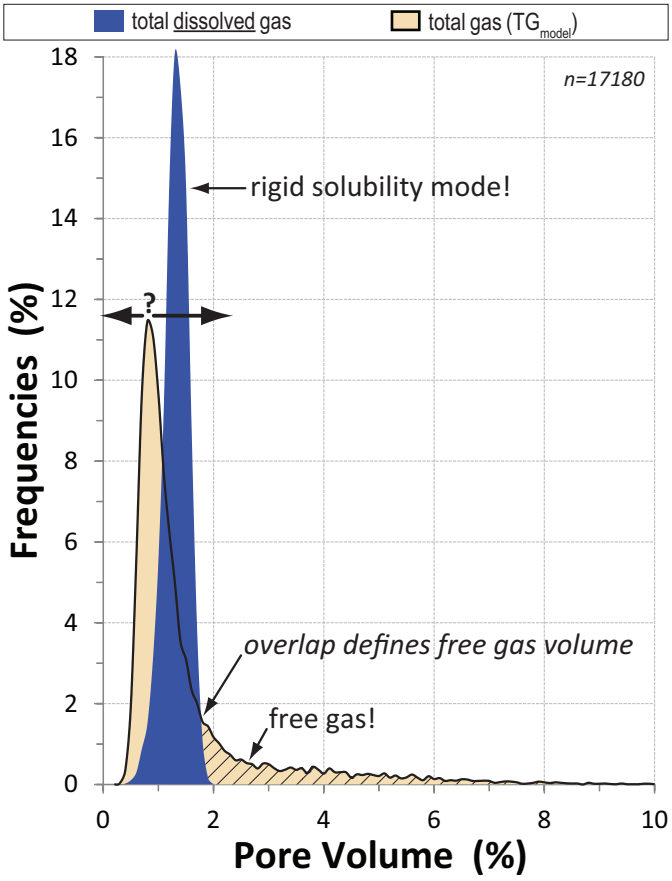


Figure 7–25 The volume of total dissolved gas across the investigated mudrock stratigraphy (4 wells, facies 1-4) is confined between about 1-1.5 %, i.e. largely independent of burial depth (see text). Hence, the quality of the input TG logs is more sensitive to the resulting free gas volume (i.e. gas saturation; hashed area) than reliability of other input parameters (see Chapter 7.2). Distribution plot with frequencies normalised to the total sample number.

their lithological (Part II) and seismic background. Such integrated approach provides the backbone of reconstructing the regional gas migration history (Part IV).

Synopsis of Chapter 7 Designed for reservoir rocks such as sandstones and carbonates, classic empirical wireline models for hydrocarbon saturation are not suited for clay-dominated cap rock sections. The approach presented in this chapter suggests an alternative method that involves total gas (TG) modelling from nuclear logs and its solubility in the formation brine. After treating the input data with a couple of standard procedures (Chapter 7.3) the application of Henry's Law resolves the solubility of methane in brine. A free gas phase is present if methane concentrations exceed the expected solubility, and the saturation is the free gas phase per pore volume.

The calibrated saturation model is scale-independent and implies that free gas occurs in most of the clay-dominated non-reservoir sections. The model resolution is not sufficient to capture a potentially filamentary network of free gas phase within the mudrock pore space that would allow relatively rapid leakage via Darcy flow. Implications on the potential of natural gas migration through the mudrock pore space of the investigated wells are discussed in Chapter 8 (Part IV).

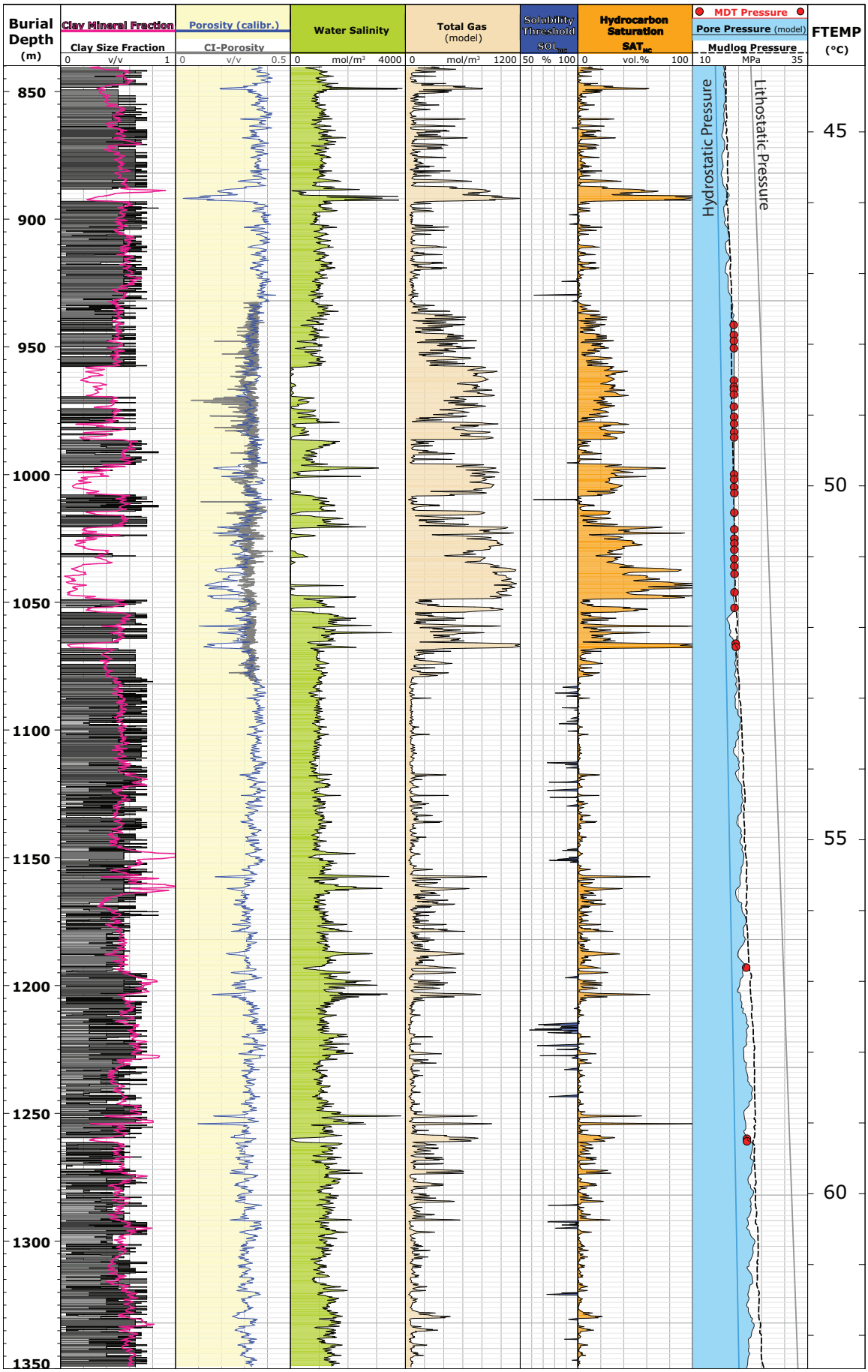


Figure 7–26 Input parameters (Chapter 7.1 & 7.2) and output parameters (Chapter 7.3) of the saturation model for Well B19. Clay size fraction refers to clastic particles below 2µm diameter. Red circles represent measured MDT pore pressure data.

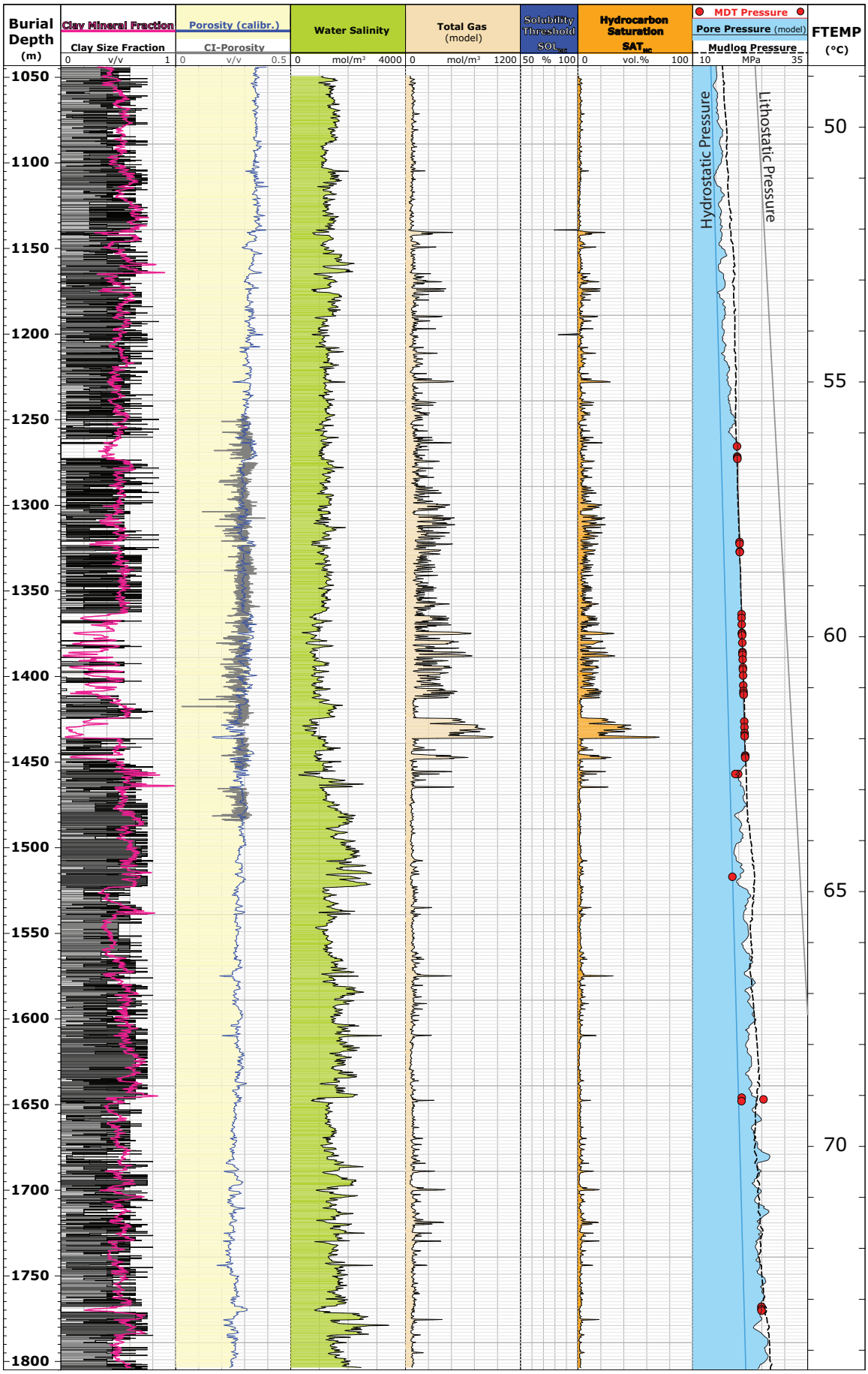


Figure 7–27 Input parameters (Chapter 7.1 & 7.2) and output parameters (Chapter 7.3) of the saturation model for Well B20. Clay size fraction refers to clastic particles below 2µm diameter. Red circles represent measured MDT pore pressure data.

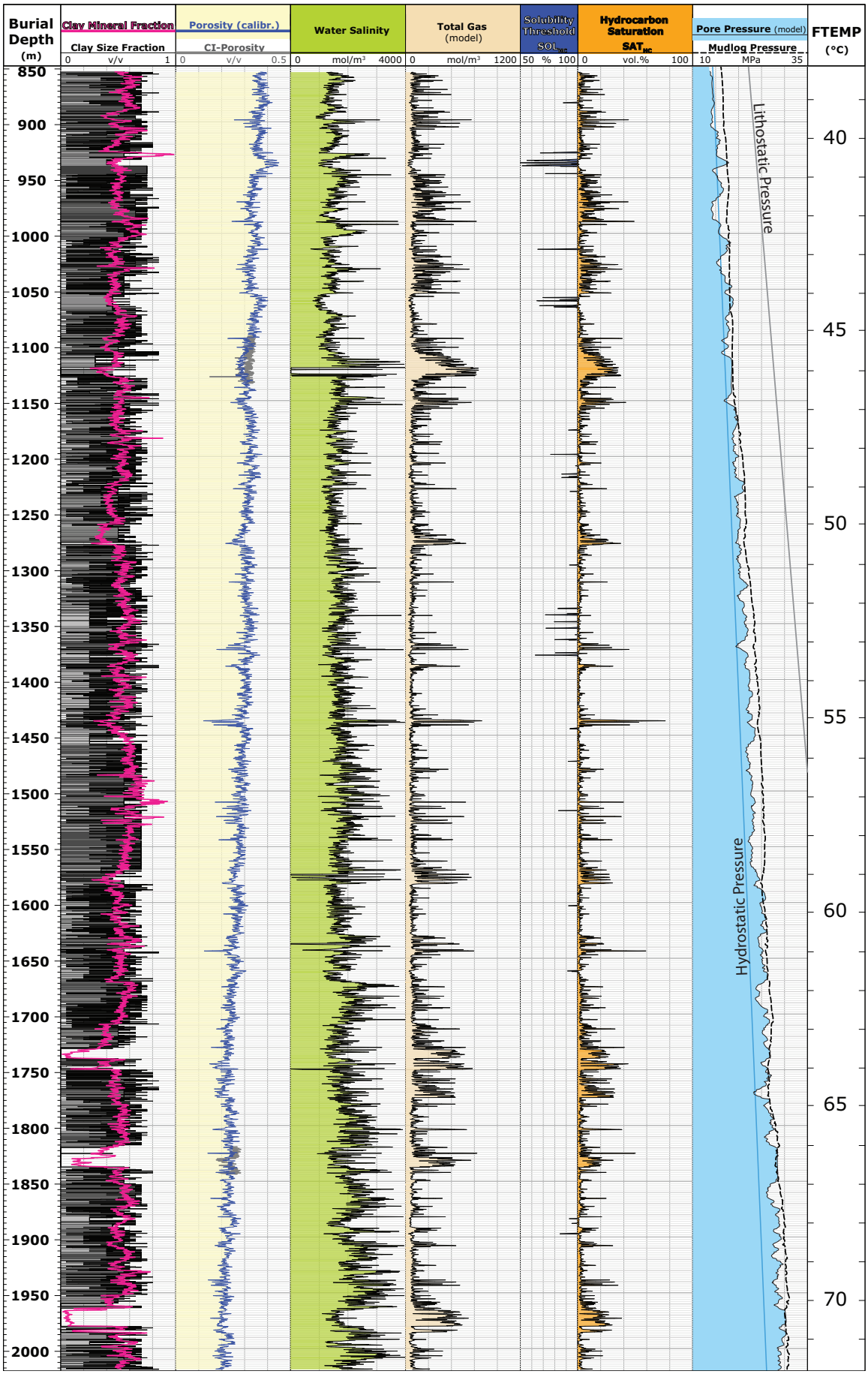


Figure 7–28 Input parameters (Chapter 7.1 & 7.2) and output parameters (Chapter 7.3) of the saturation model for Well B22. Clay size fraction refers to clastic particles below 2µm diameter.

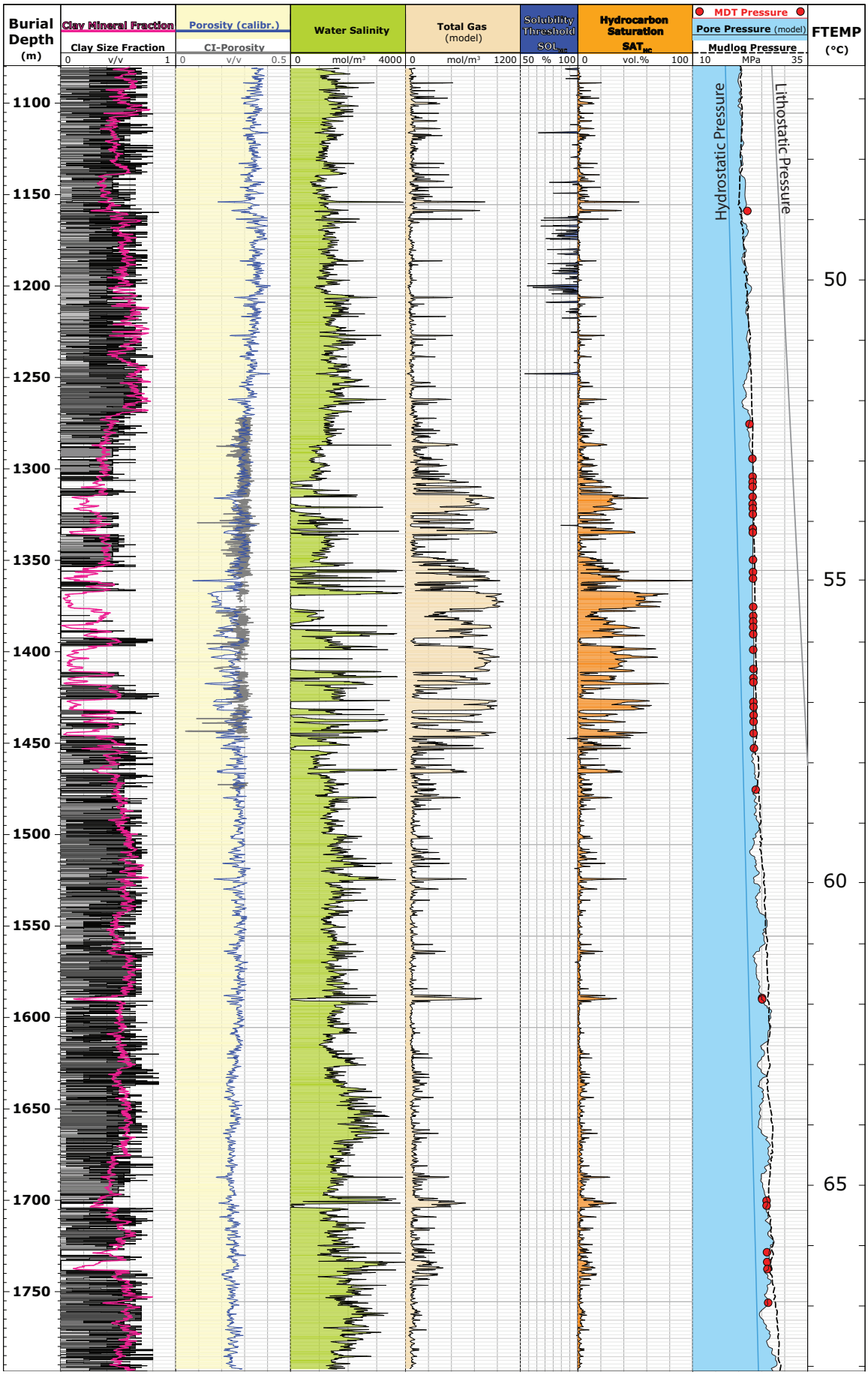


Figure 7–29 Input parameters (Chapter 7.1 & 7.2) and output parameters (Chapter 7.3) of the saturation model for Well B24. Clay size fraction refers to clastic particles below 2µm diameter. Red circles represent measured MDT pore pressure data.

Part IV – Data Integration: Controls on Migration

So far a range of different physical and chemical information has been integrated for calibration and propagation of geological properties such as porosity, clay content, gas concentrations, and geochemical fingerprints.

As a consequence, four wells with superior data coverage (Chapter 1.2) are now equipped with refined information about their geological profiles, gas volumetrics and relative fraction of migrated thermogenic hydrocarbons. Further, it was concluded in Chapter 3 that only the spatial distribution of wet gas biodegradation patterns along the sampled thermogenic/microbial gas profiles has the power to indicate the prevalent migration mechanism of the admixing thermogenic fraction.

This final thesis part deals with the interpretation of gas geochemical signatures under consideration of stratigraphic, lithological, and gas volumetric information. It will be demonstrated that such a synthesis of the standalone wellsite data analyses from Parts I-III uncovers migration pathways and mechanisms within the Horus and North Alex case studies as introduced in Chapter 1.2.

Chapter 8 Fluid flow in a regional stratigraphic context

The various direct and indirect implications on physical, chemical, and microbial processes that accompany natural gas generation, migration, and entrapment in the subsurface have been introduced, analysed, and partially quantified in the previous chapters. It is now to gather the derived information and convert it into well-specific and case study-specific interpretations of local migration routes, rates, and mechanisms in the western Nile Delta fan. The following paragraphs briefly describe how the gas geochemical information from Part I will be implemented and displayed along the borehole intervals in order to facilitate the integration of the different fluid flow indicators into a coherent migration scenario. The legend for the subsequent graphical illustration of the deduced processes is displayed in Figure 8–1.

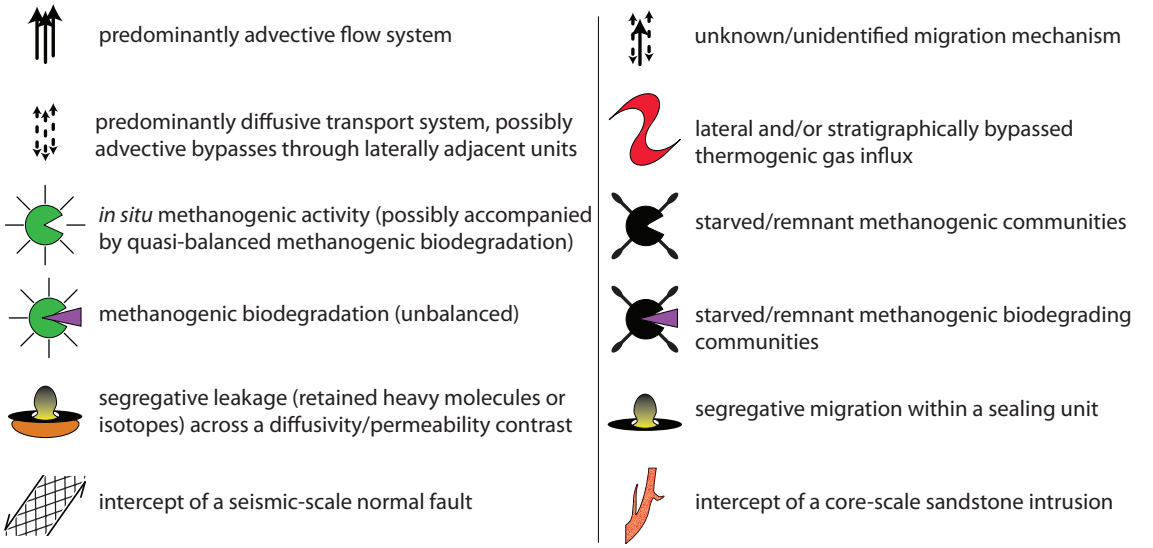


Figure 8–1 Legend for the various natural gas migration and generation processes that were identified through the integrated well-by-well analysis. See Chapter 3.2 for definition of/discrimination between quasi-balanced and unbalanced (or normal) methanogenic biodegradation.

Primary gas mixtures Migration analysis is about changes of hydrocarbon chemistry and volumetrics in both time and space. A temporal snapshot of primary gas mixing trends along vertical borehole trajectories is readily provided by profiles of the gas genetic analysis from Chapter 3. For example, dilution of a relatively thermogenic fingerprint within a given depth interval can be read from upwards directed increase of the microbial gas fraction. Moreover, merging of the genetic information with the gas saturation profiles from Chapter 7 provides thermogenic gas volumetric profiles that indicate the minimum amount of *ex situ* gases in the pore space. The scale discrepancy between gas and log data sets has been overcome by linear interpolation between the depth-synchronised gas sample locations to provide a rough optical guide for the identification of thermogenic ponding structures.

Discrimination between mixing mechanisms Further, prior to discussion of the well-site data sets from Well B19, B20, B22, and B24 it must be outlined how the two identified mixing trends ("dry" *vs*. "wet" in Chapter 3) are discriminated on vertical gas profiles. As a reminder, mixing of unaltered thermogenic hydrocarbons with *in situ* methanogenic gas is represented by a straight trendline between thermogenic and microbial end-members in a $\delta^{13}C1$ *vs* $\delta^{13}C2$ diagram (*e.g.* Fig. 3–15). In contrast, an explicitly "dry" mixing trend is characterised by strong to moderate biodegradation fingerprints (both isotopic and compositional) that could either be associated with a diffusive-metabolic process or advective migration (and leakage) of hydrocarbons that were geochemically overprinted at the gas-water contact (GWC) of accumulations. It was argued in Chapter 3 that an interpretation of the "dry" mixing trend must be performed in the context of vertical gas profiles along the affected borehole intervals.

Due to the yet unresolved generic processes that lead to the development of the "dry" mixing trend it was decided for a rather pragmatic discrimination that is based on conservative boundary conditions (Equ. 8a-b) for the patterns that were previously discussed in Figure 3–15.

$$\delta^{13}C2_{dry}\ [‰] > 0.051 \cdot x_t - 31.75 \quad | \quad x_t\ [\%] \in \{35,70\} \qquad \textit{(8a)}$$

$$(C2/C1_t)_{dry}\ [ratio] < 0.02 \quad | \quad \delta^{13}C2 > -40\ ‰ \qquad \textit{(8b)}$$

Equations (8a) and (8b) consider that a discrimination of the anomalous "dry" trend from the more common advective trendline is not possible for data points that plot in close proximity to the mixing end-member properties because of the inevitable trendline convergence (Fig. 8–2).

The relative magnitude of the anomalous dry trend can be quantified by the deviation of its $\delta^{13}C2_{dry}$ values from an average "wet" slopeline (Equ. 8c represented by dashed grey line in Fig. 8–2).

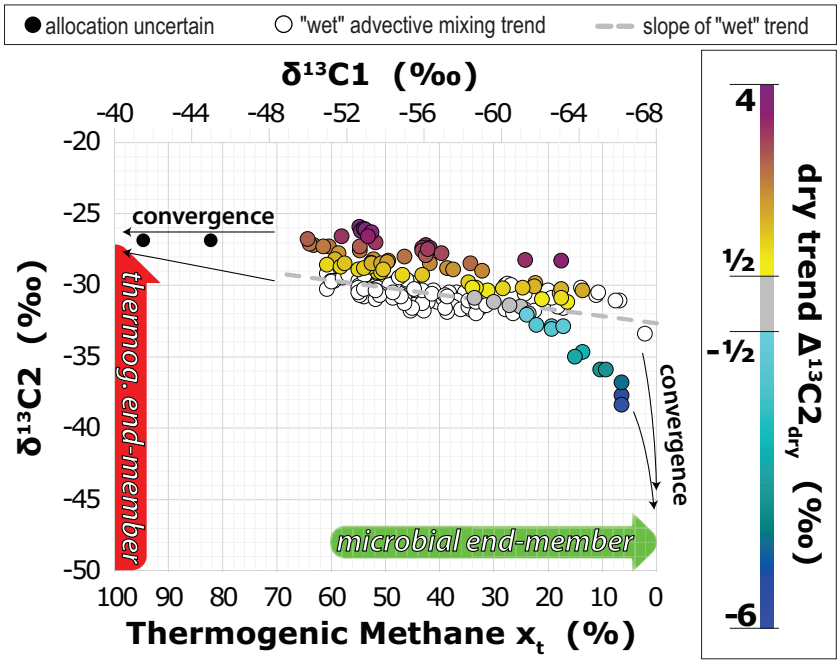


Figure 8–2 Isolated "dry" gas genetic mixing trend with colour-coded magnitude of $\Delta^{13}C2_{dry}$ offset relative to the average slope (dashed grey) of the normal advective trend (white circles). Trend discrimination is based on Equations (8a) and (8b) and subsequent $\Delta^{13}C2_{dry}$ magnitude estimation is according to Equation (8c). Two data points (black circles) were not allocated to either of the two trendlines due to their convergence at high thermogenic gas content.

For consistency reasons this reference slopeline is drawn parallel to the boundary condition from Equation (8a). Positive deviations represent biodegraded C2 since the associated $\delta^{13}C2_{dry}$ are heavier than expected and negative deviations stand for steep mixing gradients (thermogenic gas intruded into methanogenic controlled environment).

$$\Delta^{13}C2_{dry}\,[‰] = \delta^{13}C2_{dry} - (0.051 \cdot x_t - 32.75) \qquad \textit{(8c)}$$

Biodegradation proxies and segregative migration An additional benefit from the above procedure is that ethane biodegradation which is pervasive enough to leave a carbon isotopic imprint is readily picked up by positive $\Delta^{13}C2_{dry}$ values from Equation (8c) and Figure 8–2.

However, as concluded in Chapter 3 it must be considered that the molecular contribution of microbial ethane and propane is negligible and that molecular ratios are more sensitive to low or moderate wet gas biodegradation than shifts in the affected carbon isotope ratios. Further, almost constant δ^{13}C-iC4 ratios and the excellent applicability of the primary gas genetic end-member model suggest an overall very narrow thermal maturity range in the western Nile Delta Plio-/Pleistocene gases. The combination of all these findings supports a reasonable assessment of the relative ethane to propane biodegradation activity by changes in the $C1_t$, C2, and C3 molecular volume fractions.

A discrimination between such molecular biodegradation fingerprints from segregative removal of large alkane molecules by differential adsorption and/or diffusivity (see Chapter 2.3) must be performed in the spatial context of molecular trends as will be subject to case-specific interpretations in the following well-by-well discussions.

8.1 Migration scenario along Well B19

The combined wellsite data set of Well B19 is presented in its seismic context in Figure 8–3. The link between text and borehole profiles (*i.e.* figures) is hereafter provided by indexed markers or "flags". A first impression is that the gas genetic ratios along B19 are overall very constant in both channel reservoir and non-reservoir sections.

Sub-reservoir section A consistently dry and heavy $\Delta^{13}C2$ fingerprint throughout the bottom 80m interval implies the advective passage of gases that have received its biodegradation overprint within deeper accumulations. Accordingly – and following the conclusions from Chapter 7 – the steady increase in both thermogenic fingerprint and wetness towards flag series a (Fig. 8–3) is interpreted as a backfilling of migrated thermogenic gases within a conductive filamentary hydrocarbon network that spreads across

the pore space of this mudrock interval. In contrast, the carrier bed marked by flag a1 is allocated the function of a buffer and/or source for the static gas genetic ratio in the overlying sub-reservoir section. Isotopically biodegraded (flag a2) and methanogenic (flag a3) but compositionally rather enriched wet gas (flags a4-5) with yet still dry and heavy $\Delta^{13}C2$ imply that influx of thermogenic gases from lateral sources is sustaining *in situ* methanogenic biodegradation activity. Supply rates will be larger than microbial metabolic rates since the $\Delta^{13}C2$ proxy soon recovers its wetness (flag b1) and supplies another methanogenic biodegrading community (flag b2). There are no pronounced carrier beds in this interval (1210-1240m) so that a more proactive re-charge with thermogenic wet gases from lateral migration routes is considered unlikely.

The low geochemical variability is accompanied by minor gas pockets and eventually disrupted during the passage through a minor carrier bed at 1193m (flag c1). It is apparently host to C3 and nC4 biodegraders (flags c2-4) whereas light oil is less affected and the compositional dryness thereby passively enriched (flag c5-c6). The local biodegrading community at flag series c may receive additional hydrocarbon/nutrient influx from a subjacent fault zone (at ~1200m burial depth).

Further upwards, a 40m interval between flag series c and flag d (1155m bural) shows a succession of stacked thin beds which could be part of a levee geobody. Here, background gas saturations are accordingly elevated and spiky and molecular biodegradation patterns from flag series c do not stabilise until saturations drop across the supposed levee crest (flag d). The remaining interval up towards the reservoir base (~90m) is characterised by a monotonous mudrock lithology with gas saturations that are almost consistently below the model resolution (Chapter 7) and a progressive decline in wet gas components. The latter observation may suggest that thermogenic gas migration is possibly accompanied by quasi-balanced methanogenic biodegradation (see definition in Chapter 3.2) considering that the thermogenic fingerprint remains consistently high.

Channel Reservoir The ultimate reservoir base layer (flag e1) bears unequivocal evidence of unbalanced methanogenic biodegradation (flags e2-4) at the GWC. However, if an active biodegrading community coexists with local peak wet gas concentrations (flags e5-7; upwards decreasing biodegradation signature) the microbes must be supplied by the channel base layer via lateral migration. Since Well B19 has been drilled near the structural crest of the reservoir it stands to reason that these crestal hydrocarbons are subject to later migration from the adjacent flanks by density-driven circulation along the inclined sandstone beds. Appart from wet gas molecular gradients that spread across the main compartment of the hydrocarbon column (~40m topped by flag f5) such an

additional nutrient supply route may have secured the long-term sustainability of the local biodegrading community. This impression is supported by the injection of previously biodegraded gas high up into the overlying stratigraphy as will be described later in the text. The change in molecular composition (f5) near a local saturation minimum (f1) confirms the vertical reservoir compartmentalisation by clay-rich interlayers. The latter may be associated with elevated microbial activity (f2-4; heavy isotopes).

Overlying reservoir compartments (1030-960m) comprise slightly diminished saturations with a strong molecular and isotopic imprint from the basal microbial mediation. Such low-gradient profiles suggest a density-equilibrated hydrocarbon column. Leaking gases that were sampled from the top seal are expected to carry this inherited microbial overprint.

Top seal In fact, near the transition from sandstone-dominated facies to thin-bedded facies at the reservoir top (g1) there is a vague wet gas maximum (g2) with shallow gradients stretching from 100m below to 50m above and well across the cap rock interface. As the downwards depletion is inherited from biodegradation at the reservoir base the upwards decline must be coupled to progressive molecular segregation upon advective intrusion into the top seal. Consequently, a slight baseline elevation of the intruded thermogenic gas fraction by 5-10% (flag h) can be explained by the absence of a wet gas fraction which leaves vacant adsorption sites to $^{13}C1$ (Friedrich & Jüntgen 1972). It must be reminded that heavy carbon isotopes are enriched in the thermogenic gas relative to its methanogenic counterpart, and since the model for the gas genetic mixture is a direct function of $\delta^{13}C1$ (see Chapter 3.3) it is consequently exposed to bias from effects of such preferential adsorption. In reality, the purely adsorbed methane fraction within the cap rock will be isotopically much heavier than the measured values because separate analyses of dissolved, free, and adsorbed gases require sophisticated microprobing procedures (Whiticar 2002). In this study, however, fluid samples were recovered from boreholes and are therefore unlikely to resolve but rather disrupt and flatten the strong isotopic gradients that stretch between (1) adsorbed thermogenic methane along the conductive high saturation filaments and (2) dissolved microbial methane in the interstices. Consequently, the degree of methane desorption upon sediment fragmentation during drilling remains unresolved in this study (see section about gas data quality in Chapter 3.1).

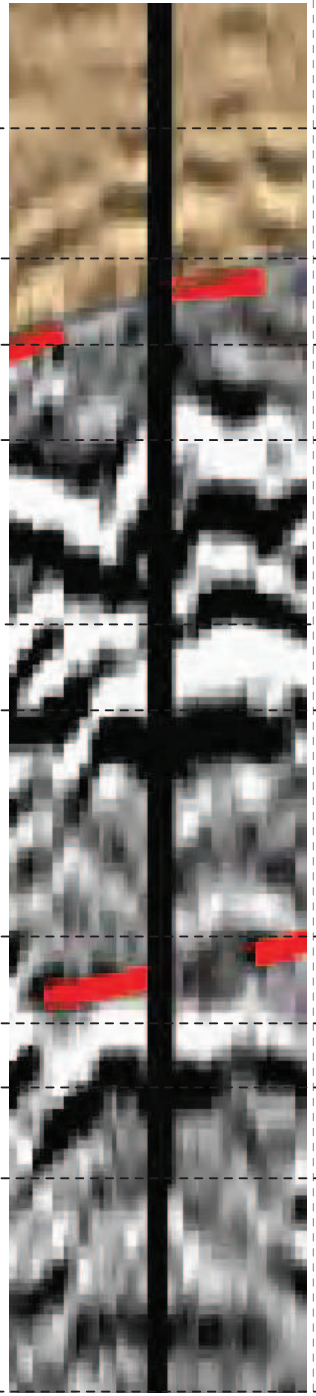
Apart from adsorption phenomena, monotonously high thermogenic gas ratios and a biodegraded "dry" $\Delta^{13}C2$ fingerprint in the B19 top seal imply that reservoir leakage is an ongoing process. Otherwise methanogenic activity would have introduced vertical gradients in methane and ethane carbon isotopic ratios, not least due to the lost ethane com-

Horus area
Well B19

Legend

- predominantly advective flow system
- predominantly diffusive transport system, possibly advective bypasses through laterally adjacent units
- unknown/unidentified migration mechanism
- lateral and/or stratigraphically bypassed thermogenic gas influx
- *in situ* methanogenic activity (possibly accompanied by quasi-balanced methanogenic biodegradation)
- methanogenic biodegradation (unbalanced)
- starved/remnant methanogenic communities
- starved/remnant methanogenic biodegrading communities
- segregative leakage (retained heavy molecules or isotopes) across a diffusivity/permeability contrast
- segregative migration within a sealing unit
- intercept of a seismic-scale normal fault
- intercept of a core-scale sandstone intrusion

Interval description	Flag description
	volumetric buffer-capacities of local cap rock sandstone expired
shallow/absent gas geochemical gradients indicate reservoir gas within sealing units	
	local x_t maximum
	segregative migration across reservoir/seal interface
largely density equilibrated hydrocarbon column	
	boundary of stacked reservoir compartments (segregative migration)
compositional density equilibration / diffusion driven by basal C2+ degradation	
	GWC: unbalanced methanogenic biodegradation fed by lateral input
consistent x_t although compositional drying put: quasi-balanced methanogenic biodegradation?	
	drop in background gas saturations
thin-bedded levee deposits: upwards migration of biodegr. gas	
	passive oil enrichment (selective biodegr.), possibly fault control
	biodegradation (possibly methanogenic)
steady flux rate (low geochem. variability)	
	lateral influx of x_t sustains methanogenic biodegrading community
backfilling of migrated palaeo-biodegraded thermogenic gas	



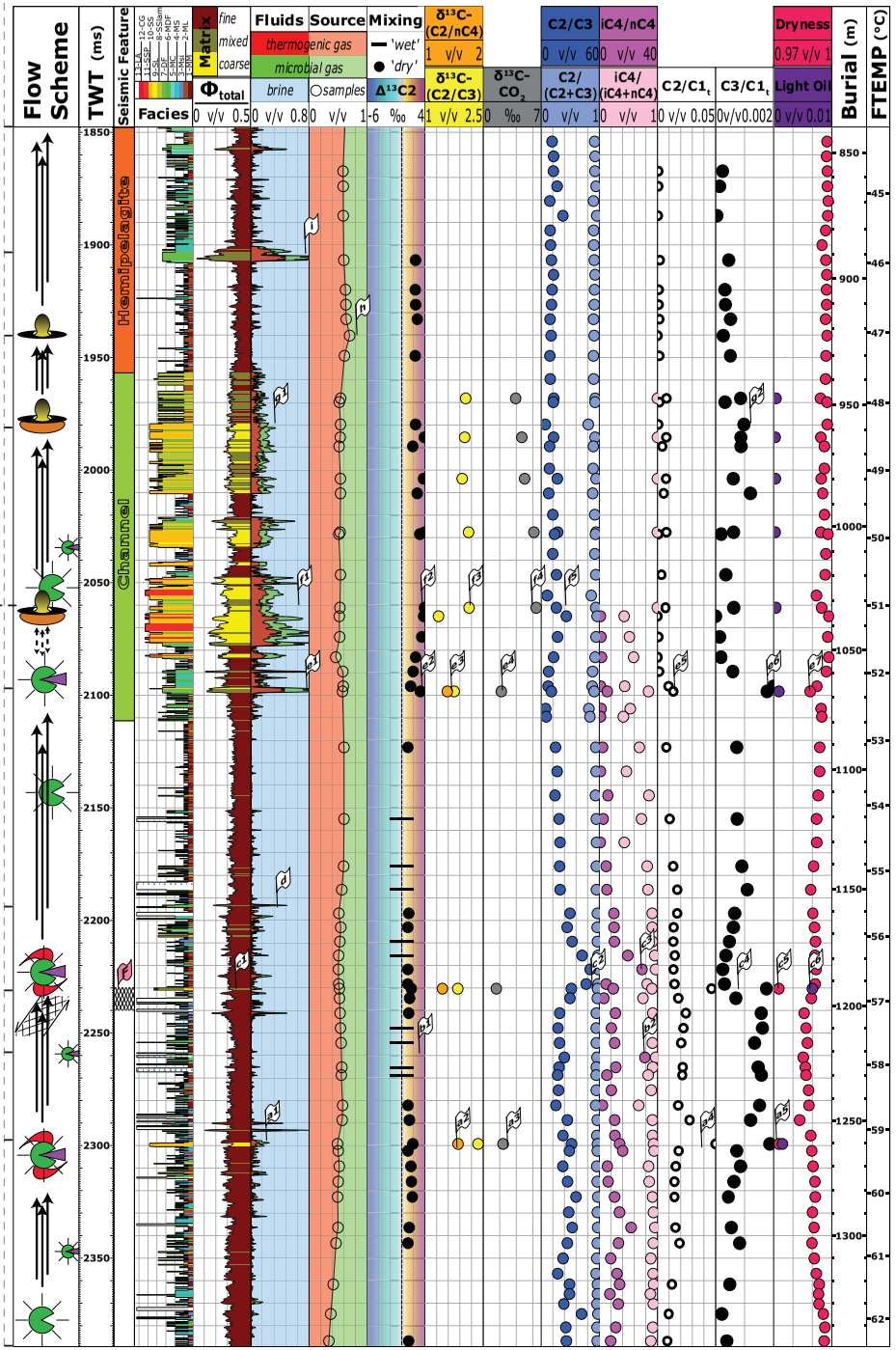


Figure 8–3 Well B19 seismic, lithology, saturation, and gas profiles. Seismic excerpt relates to Figure 8–6. See detailed description in text and legend (also Fig. 8–1) for the flow scheme.
F=fault; δ^{13}C-(C2/nC4) ≡ δ^{13}C2/δ^{13}C-nC4; δ^{13}C-(C2/C3) ≡ δ^{13}C2/δ^{13}C3; x_t ≡ thermogenic gas fraction

positional buffer of the originally wetter thermogenic gas to methanogenic isotope shifts (see Chapter 3.4 and particularly Figs. 3–16a and 3–17a for background information). Moreover, an almost fully gas saturated carrier bed within the hemipelagite cap rock (flag i) further supports an active leakage scenario because its volumetric buffer-capacities are obviously expired. Herein accumulated gases do not bear any chemical overprints from lateral injection but clearly reflect the reservoir gas fingerprint.

8.2 Migration scenario along Well B20

In contrast to Well B19, its 11km south-east situated neighbour B20 (see Fig. 1–7) has a comparably low thermogenic gas content (Fig. 8–4) and the first impression is that absence of both strong genetic mixing gradients and biodegradation activity may severely hamper a detailed migration analysis.

Sub-reservoir section At the very base of the section, temperatures exceed the optimum methanogenesis window by 25°C (see Chapter 2.2). As no biodegrading activity can be detected at these depths it is assumed that local microbial communities either have a low metabolism rate or fell dormant. Most of the microbial methane at this level is consequently inherited from palaeo-methanogenesis under more adequate temperature conditions and has since been retained in the pore space with progressive burial until the well was eventually drilled. Thermogenic ethane and propane fraction ($C2/C1_t$ and $C3/C1_t$) are in agreement with these interpretations a direct function of thermogenic gas content at temperatures higher than 68-69°C. This relation is visible in the gas logs because there appears to be a weak thermogenic gas injection from lateral migration along thin beds at roughly 1720m (flags a1-2 and a4-5). An alternative explanation for the slight bulge in both isotopic and molecular thermogenic fingerprints could be progressive dilution of palaeo-entrapped thermogenic gases before its charge routes were cut-off. However, the presence of a presumably advective "wet" $\Delta^{13}C2$ mixing trend (flag a3) in conjunction with rather heavy and "dry" $\Delta^{13}C2$ above and below stands in favour of an active lateral injection scenario in proximity to flag series a; palaeo-entrapment within the by then optimum methanogen temperature window would have lead to meanwhile much lighter $\Delta^{13}C2$ from contemporary microbial ethane by-production. At the same time, the inferior thermogenic gas fraction and weak/absent molecular and isotopic gradients that can be followed over 150m upwards (1700-1550m burial) imply a large-scale equilibrated vertical migration scenario without lateral thermogenic re-injection. Absence of present-day microbial activity at these elevated temperature regimes hampers the identification of

the predominant migration mechanism – advection *vs*. diffusion. However, although there are far less sand-rich interlayers and associated gas pockets within the sub-reservoir section – as compared to the adjacent Well B19 – the overall background gas saturation of B20 mudrocks seems to be consistently higher by 1-2%. Still, it will remain unresolved to which extent these differences may arise from uncertainty artefacts in the applied saturation model (Chapter 7).

Minor changes in wet gas ratios such as segregative entrapment of ascending thermogenic gas components (*e.g.* flags b1-3) follows the deepest clear indicator for present-day microbial activity at 1570m (~66.5°C) where there is the base of a nC4-biodegradation trend (flag c2) in the vicinity of a thin bed with elevated saturation (flag c1). The hereby initiated departure of the molecular thermogenic fingerprint ($C2/C1_t$ and $C3/C1_t$) from the isotopic pathway of genetic gas mixture is amplified 20m higher by segregative wet gas loss (d2) through a slightly more pronounced bedding that has been picked up by the three-fold facies group recognition (from Chapter 5.3) as a muddy sandstone (d1). A present-day generation of microbial methane is affirmed within 100m below the reservoir due to an associated contrary development of molecular thermogenic fingerprints (increasing $C2/C1_t$ and $C3/C1_t$) and its isotopic counterpart (decreasing thermogenic gas fraction).

Channel Reservoir The highest reservoir gas saturations are located in a 10-15m thick zone near the channel base. The channel morphology is rather planar so there is no pressure exerted from a deeper situated leg of reservoir gas and the drilled hydrocarbon column is hence very close to the effective column height as it is commonly measured from crest to gas-water contact (GWC). The entrapped gases are quite consistently dominated by microbial methane that must have arrived from the microbial production sites in the clay-rich stratigraphy below the channel deposits. A "dry" and slightly enriched $\Delta^{13}C2$ fingerprint (flag e) is probably an isotopic overprint that was inherited from palaeo-biodegradation because the fermentation-resistant isobutane fraction in the bottom half of the channel (1340-1450m) is proportional to the dryness pathway as would be expected for unaltered gas mixtures. Consequently, dryness of reservoired hydrocarbons qualifies as a local measure for the thermogenic gas fraction and does so at a higher sampling rate than the genetic fingerprint that is modelled from $\delta^{13}C1$ measurements. According to this argumentation residual oil and thermogenic gas (~dryness, flag f) seem to be entrapped within an thick intra-reservoir mudstone section (1415-1425m) and may well represent a conserved molecular gradient from palaeo-biodegradation. Once the former supply routes of wet thermogenic gas were cut off the successive dilution with arriving

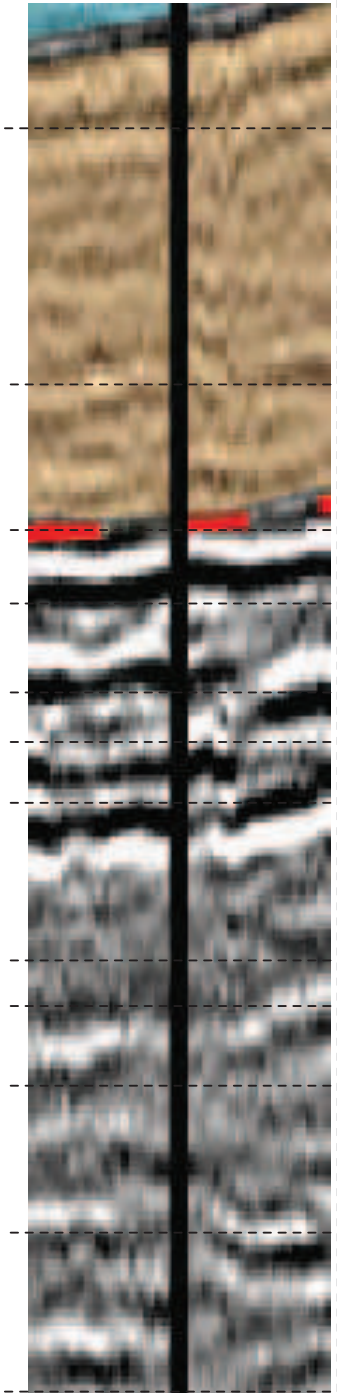
Horus area

Well B20

Legend

- predominantly advective flow system
- predominantly diffusive transport system, possibly advective bypasses through laterally adjacent units
- unknown/unidentified migration mechanism
- lateral and/or stratigraphically bypassed thermogenic gas influx
- *in situ* methanogenic activity (possibly accompanied by quasi-balanced methanogenic biodegradation)
- methanogenic biodegradation (unbalanced)
- starved/remnant methanogenic communities
- starved/remnant methanogenic biodegrading communities
- segregative leakage (retained heavy molecules or isotopes) across a diffusivity/permeability contrast
- segregative migration within a sealing unit
- intercept of a seismic-scale normal fault
- intercept of a core-scale sandstone intrusion

Interval description	Flag description
bypassed cap rock: thermogenic gas injections associated with filamental sandstone intrusions (core-scale)	base of drying upwards trend (SS-intrusion)
	base of drying upwards trend (SS-intrusion)
	base of drying upwards trend (SS-intrusion)
dryness ~ iC4 qualifies as thermogenic gas proxy and implies overall absence of contemporary biodegradation	base of drying upwards trend
	top of retained palaeo-biodegradation profile
	retained palaeo-biodegraded gas
deepest microbial activity ("source kitchen"): upwards directed departure of isotopic fingerprint from molecular pathway	segregative wet gas loss
	base of deep biosphere
low geochemical variability implies equilibrated vertical migration/entrappment scenario; general absence of present-day microbial activity	segregative migration
	lateral injection (thin-beds) / dilution of palaeo-entrapped therm. gas
mostly palaeo-methanogenic gas that diluted previously entrapped thermogenic fraction	



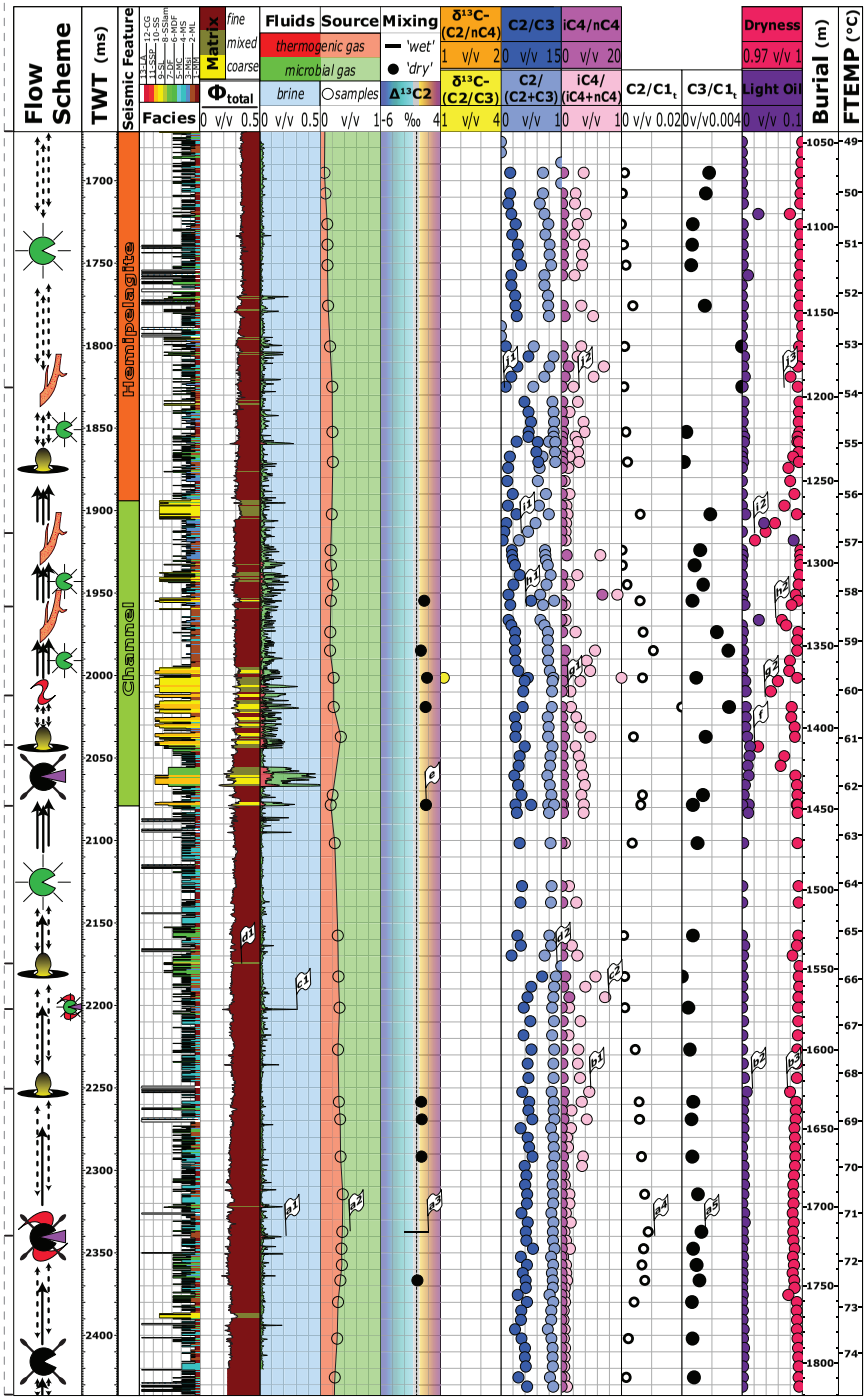


Figure 8–4 Well B20 seismic, lithology, saturation, and gas profiles. Seismic excerpt relates to Figure 8–6. See detailed description in text and legend (also Fig. 8–1) for the flow scheme.
$\delta^{13}C$-(C2/nC4) ≡ $\delta^{13}C2/\delta^{13}C$-nC4; $\delta^{13}C$-(C2/C3) ≡ $\delta^{13}C2/\delta^{13}C3$; x_t ≡ thermogenic gas fraction

methanogenic gas overprinted such gradients in the more permeable units above and below via compositional equilibration.

Top seal The mudrock dominated top section of the channel (<1390m) and the lower hemipelagite cap rock host a succession of drying upwards trends (flags g2, h2, i2, j3) that are accompanied by upwards increasing C2/C3 ratios and/or iC4/nC4 ratios (flags g1, h1, i1, j2). Study of the core photographs revealed that filamentary sandstone dykes can be allocated to the bottom part of two of the affected intervals (Fig. 8–5). It is therefore likely that most of the identified gas chemical dilution patterns in this interval originate from thermogenic gas that is lost from subseismic-scale sandstone dykes. Consequently, large volumes of thermogenic gas from unknown origin currently bypass the cap rock section through sandstone intrusions. The fact that several of these small-scale features happen to intersect the coring trajectory implies that the entire local cap rock is at risk to be interveined which lead to substantial reservoir drainage. This scenario would explain the elevated gas saturations in the capping mudstones and both low thermogenic gas fraction and reservoir pay.



Figure 8–5 Subseismic-scale sandstone intrusions across the ultimate sealing unit of Well B20. The vesicular structures in the two shallower core images are interpreted as marginal intersects of dike structures while deeper cores show full cross-sections.

8.3 Resolving the Horus case study

The regional setting of Wells B19 (Chapter 8.1) and B20 (Chapter 8.2) within the Horus case study has been introduced in Chapter 1.2. Absence of pressure communication between the channel legs of Wells B19 and B20 was suggested to be due to the compartmentalisation by at least one sealing fault between the two reservoirs. The lack of recent fluid interchange between the two reservoir compartments is confirmed by the

fact that the gas genetic profiles of the involved well trajectories are very different: B19 is dominated by consistently high thermogenic gas fractions while B20 is controlled by microbial methane.

Further, underfilling of the B20 hydrocarbon accumulation as compared to B19, in conjunction with the small-scale sandstone filaments inside the B20 cap rock (Fig. 8–5) implies that the channel south of the fault (right hand side in Fig. 8–6) has been more prone to hydrocarbon leakage. In the literature, networks of sandstone dikes and sills that intervein mudrock intervals are usually considered as the result of a single hydrodynamic injection event (Vétel & Cartwright 2010, Vigorito & Hurst 2010, Szarawarska *et al.* 2010). It is understood that seismogenetic events such as earthquakes and bolide impacts can trigger liquefaction of overpressured sandstone compartments, and local disruptions of the sealing units where matrix shear strength is outbalanced by the internal pressure of the liquefied compartment may serve as starting points for instantaneous self-propagation of the grain/fluid mixture through opening fractures across overlying low-permeability units (see Cartwright 2010, for a brief review). However, as the exact physical emplacement procedure of seismic-scale intrusions is not yet fully understood it must be stressed that core-scale intrusions of a few centimetre thickness as in the case of the B20 seal interval are hardly even documented in the literature.

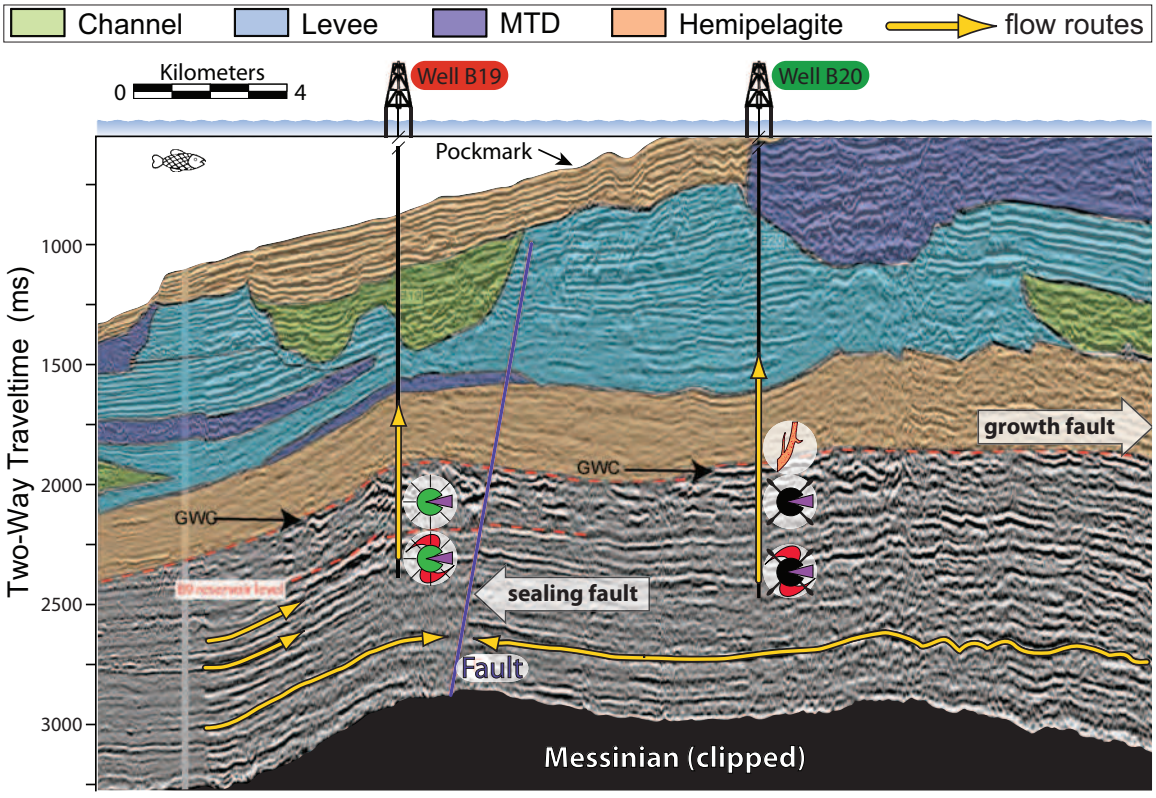


Figure 8–6 Migration scenario of the Horus case study (see profile line in Fig. 1–7). The southern (B20) leg of the channel has apparently lost large quantities of gas through the sandstone-intruded seal whereas the northern (B19) leg has largely retained its thermogenic and biodegraded reservoir gases because it was (1) shielded from possibly growth-fault related overpressures by an impermeable fault and (2) is actively recharged through basin-wards carrier beds. See Figure 8–1 for the pictogram legend and further descriptions in text.

Although present-day pore pressures within the channel compartments are close to hydrostatic conditions (see Figs. 7–26 and 7–27) the presence of sandstone injections in the overlying stratigraphy implies that overpressures once were severe enough to fracture the cap rock and emplace liquefied sands that originate from the channel deposits. The compositional palaeo-biodegradation trend that was preserved in a thick intra-reservoir mudstone layer along the B20 gas profile (see Chapter 8.2) confirms that the southern channel leg harboured a thermogenic gas accumulation prior to seal breach and subsequent reservoir drainage. The residual microbial gas within the B20 accumulation must therefore be in dynamic charge/leak equilibrium with the breached cap rock which precludes a complete refill of the structure with microbial gas. Further, the prevalent microbial gas composition implies that charge with thermogenic gas prior to the cap rock failure arrived from the basin-wards (northern) end of the channel and was permanently cut off when the fault in Figure 8–6 isolated the B20 leg from the B19 reservoir.

Further, it now appears conclusive that the mentioned normal fault plays a vital role in the hydrocarbon migration history of the Horus case study. A major regional growth fault (Rosetta fault) that strikes beyond the southern boundary of the available seismic block may have accumulated a sufficiently thick sediment pile that exerted unusually high overpressures within the permeable channel deposits. Emplacement or reactivation of the smaller fault in Figure 8–6 may have triggered the catastrophic release of overpressured sands through the top seal of the B20 channel leg and at the same time shielded the northern (B19) channel leg from such destructive pressure turnover. Instead, the presence of B19 seal gases that are geochemically indistinguishable from reservoired gases suggest that the pressure exerted by the hydrocarbon column at the structural crest must have once been sufficient to establish filamentary gas phase pathways through the mudstone pore network of the top seal. In other words, it is possible that local overpressures were sufficient to overcome the capillary entry pressure of the seal interval (especially at shallower burial when pores were less compacted) and thereby established the necessary gas saturations for a permanent advective release even at the present-day moderate reservoir pressures that would not suffice for initial capillary seal breach (see Chapter 4.2).

Considering the unknown palaeo-sealing capacities of fault zones in the Horus area the clues that are given from cap rock sandstone intrusions (Well B20) and presumably active seepage through the filamentary remnants of a palaeo-leak (Well B19) it is tempting to speculate that the channel reservoir has once been in pressure communication before tectonic displacements lead to the present-day compartmentalisation. Naturally, the B20-leg was breached by sandstone injections because it is in closer proximity to

the pressure source of the south-eastern growth fault. Still, distal pressures at the B19-location must have been sufficient enough to breach the capillary seal and thereby paved the way for the advective charge/leak system that can be seen today. Relevant events within the Horus case study are schematically summarised in Chapter 9.

However, the prevalent feeding pathway for the local pockmark (Fig. 8–6) remains unresolved. While it is not unlikely that accumulated gases inside the channel reservoir contribute to pockmark effusion the relative importance of fault-parallel migration *versus* seepage through the sandstone intruded cap rock between Well B20 and the fault-intersected channel site cannot be assessed on the basis of the available data. In general, fault-sealing capacities are a function of various structural, textural, and diagenetic processes (Eichhubl *et al.* 2005) that are briefly outlined during the assessment of the tectonically more fragmented North Alex case study (Chapter 8.6).

8.4 Migration scenario along Well B22

As the logged interval of Well B22 spans over more than 1 km it provides the most complete cross section through the Nile Delta Plio-/Pleistocene stratigraphy. This circumstance is due to the fact that the well was designed to penetrate a vertically stacked series of minor levee and channel reservoirs (Fig. 8–7). The first impression about its gas profile is that thermogenic fingerprints are concentrated at levels in the vicinity of the reservoir structures as opposed to overwhelming dilution with microbial methane in the intermediate mudrock intervals.

Deep accumulations The bottom accumulation (flag a1) with moderate thermogenic gas fingerprint is probably a sink for palaeo-methanogenic gases considering the elevated temperatures, absence of heavy $\delta^{13}C\text{-}CO_2$ (flag a3), and pristine thermogenic isotope ratios (flag a2). These observations are conform to the previously described evidence of a dormant or starved microbial community in a similar temperature regime at the base of Well B20 (Fig. 8–5). In B22 however the directly overlying 100m mudrock interval is suggested to harbour a methanogenic environment because isotopically light microbial ethane by-production is held responsible for a slight bulge in the "dry" $\Delta^{13}C2$ pathway. Independent of the question whether these admixed methanogenic gases originate from active or palaeo-production the thermogenic gas must pass this interval at extremely slow rates in order to acquire such a pronounced microbial imprint ("dry" gas mixing, see Figure 3–16), *i.e.* diffusive mixing and mechanical compaction are more likely to control local migration rates rather than the more effective advective flow.

The minor channel/overbank reservoir at 1830m (flag b1) is marked with vertically uniform molecular wet gas ratios and a predominantly „wet“ $\Delta^{13}C2$ trend (flag b2) that both imply well-mixed reservoir gases. Slightly elevated $C2/C1_t$ ratios (flag b3) suggest lateral injection of relatively wet thermogenic gas that is already diluted by deep palaeo-microbial gas since both wet gas content and thermogenic gas fraction further increase during the passage to the next shallower reservoir at 1730m. Here, elevated thermogenic saturations within both main reservoir body (flag c1) and associated thin beds imply a diminished microbial gas admixture which must result from a more pronounced lateral injection of thermogenic gas because here the first certainly methanogenic $\delta^{13}C$-CO2 fingerprint has been taken (flag c2). As a consequence of active background methanogenesis both dryness and gas genetic pathway proceed in a somewhat bulged trajectory towards the next thermogenic carrier beds 150m above (d1).

There is no indication of wet gas biodegradation within the lower half of the B22 profile, despite the fact that the thermogenically overprinted interval between 1550m and 1850m burial is within the required temperature limits. It is possible that the missing geochemical effects (*e.g.* flag d3) of local biodegrading communities are strongly diminished by lateral and advective arrival of large volumes of fresh wet gas. An equally likely explanation would be that thermogenic gas injection only happened recently by structural shifts in the regional basin architecture, *i.e.* the time-span between entrapment and sampling has been too short for the development of microbial overprints (charge rate exceeds biodegradation rate) or biodegrading microbial communities are simply absent. Either way, both scenarios would lead to the conclusion that thermogenic entrapment within the discussed interval occurred rather recently and is probably still in progress.

Inter-reservoir section The thermogenic gas anomaly that is declining across the overlying 300m mudrock interval (above flag series d) is marked by an almost synchronous exponential decline in thermogenic gas characteristics such as as methane carbon isotope ratios (proxy for genetic mixture), ethane carbon isotope ratios (represented by $\Delta^{13}C2$), and wet gas content (see related dryness curve in Fig. 8–7). A first but isolated biodegradation fingerprint (flag f3) is associated with a small gas pocket (flag f1) in the vicinity of a seismic-scale fault intercept (at ~1380m burial). This leads to a minor drag in the smooth decline particularly with respect to the $\Delta^{13}C2$ curve (flag f2). Otherwise the described large-scale decline in thermogenic signatures forms the counterpart of an inversed development that stretches from a thin-bedded accumulation at 1280m (flag g1) up to the lower reservoir boundary (flag i) and that is exclusive to the carbon isotopic ratios. As both isotopically light methane and ethane are associated with methanogenic

gas generation it is likely that the smoothly curved $\Delta^{13}C2$ decline, particularly above flag series f, reflects a dry diffusive admixture of the thermogenic gas into an active methanogenic source kitchen that is otherwise shielded from external contamination. Consequently, and in accordance to Figure 3–16 (Chapter 3.4), the steep $\Delta^{13}C2$ inversion trend that connects to the levee reservoir reflects a likewise diffusive admixture of leaking microbial gas (flag g1) and an extremely dry hydrocarbon column (flag series j).

Levee reservoir Here, remarkably uniform molecular gradients (flags j4-5) are clearly associated to methanogenic biodegradation (flags j2-3) of the reservoired gas. In fact, the biodegrading microbes appear to have migrated from the reservoir base 70-80m downwards into the underlying clay-rich sediments (flag h). These findings do not necessarily imply that the biodegrading communities have followed the GWC downwards because of reservoir overfilling: this is not the case as implied by regularly low saturations within the affected sub-reservoir unit. On the contrary, the huge biodegradation fingerprint within the the reservoir gas and the fact that even the rather fermentation-resistant ethane has been partly metabolised (heavy $\Delta^{13}C2$) indicates a highly stressed microbial community that is at the verge of starvation from a lack of charge with thermogenic nutrients. Since no similar phenomenon has been registered along gas profiles of other Nile Delta wells it is suggested that either (1) biodegrading microbes have an elevated metabolic activity that is driven by enhanced nutrient supply from organic rich mudstone layers of levee reservoirs or (2) the accumulated gas in the affected B22 reservoir structure has been cut off from thermogenic gas supply for a microbiologically crucial time period. Considering (1) the discussed missing advective link between the biodegraded shallow levee reservoir and – in terms of biodegradation – vital non-degraded deeper thermogenic gas accumulations and (2) the literature reports on metabolic restrictions as a common microbial response to diminishing nutrient supply rates (*e.g.* Tyler *et al.* 2004, Bouchard *et al.* 2008a,b; see discussions in Chapters 2.2 and 3.4) the drying-up scenario is preferred over a self-inflicted microbial overpopulation.

Top seal In addition to the implications of restricted or failed charge routes there is evidence of top seal leakage above the levee reservoir. Although propane and normal butane ratios slowly stabilise within the ultimate cap rock (flags k4-5) there is evidence of highly saturated thin beds (flag k1 and above) that harbour a thermogenic gas anomaly (flag k2) and a reservoir-alike ethane biodegradation signature (flag k3). Further, a gas saturation minimum at about 935m burial depth coincides both with a pronounced drop in relative thermogenic gas content (above flag l1) and the intercept of a seismic-scale

fault zone. All these features directly overly a very fresh thermogenic fingerprint (flags I4-7) with "wet" advective flow indicator (flag I3). The common occurrence of minimum gas saturation above unusually high-saturated cap rock thin beds, presence of leaked reservoir gases, and local injection of apparently bypassing undegraded fault-gases (flags I3-7) implies that the fault zone is vertically sealing but laterally conductive. This observation supplies the missing link to the processes that have stressed the biodegrading community to relocate downwards across the reservoir base.

Microbial proxies for charge/leak balance Before the present-day situation the metabolic rate of a local GWC microbial community must have been in adoptive equilibrium with the diffusive supply of low-molecular weight hydrocarbons downwards across a compositional reservoir gradient. Adoptive equilibrium means that the degree of re-charge passively restricted the metabolic rate and thus the size of the microbial population: higher charge rates steepened the compositional wet gas gradient and thereby increased nutrient supply (by elevated rates in diffusive/density-driven transport across the hydrocarbon column towards the base) and the GWC dwellers flourished, lower charge rates had the opposite effect and likewise forced the microbial community to adopt to diminished supply rates. Considering all the collected evidence what presumably happened in the B22 levee reservoir is that a catastrophic event drained most of the previously accumulated hydrocarbons inclusively the vital wet gas nutrients. It must have been an abrupt leakage event because at slower drainage rates the microbial population would have steadily declined as a function of equally steady decrease in the reservoir gas compositional gradient. However, abrupt nutrient restriction to a large microbial community has led to comparably quick depletion of the reservoired wet gas buffer and thereby induced the present-day inversed nutrient gradient downwards in the direction were the dissolved fresh gases arrive from the mentioned methanogen source kitchen. The molecular profile of the ultimate sub-levee interval indicates that the microbial community must have managed to relocate deeper into the sediment and closer towards their replacement nutrient source. It remains unresolved whether this is an active microbial migration process and/or passively supported by physical forces that arise from pore-scale processes such as strong compositional gradients. Either way, it should be noted that both methanogenic and biodegradation processes can play a vital role in deciphering (and influencing) hydrocarbon migration mechanisms.

Another implication of the Well B22 scenario is that reservoir-associated microbial communities require not necessarily stable but – on a microbiological timescale – consistently charged accumulations. Accordingly, widespread biodegradation would be a signature of

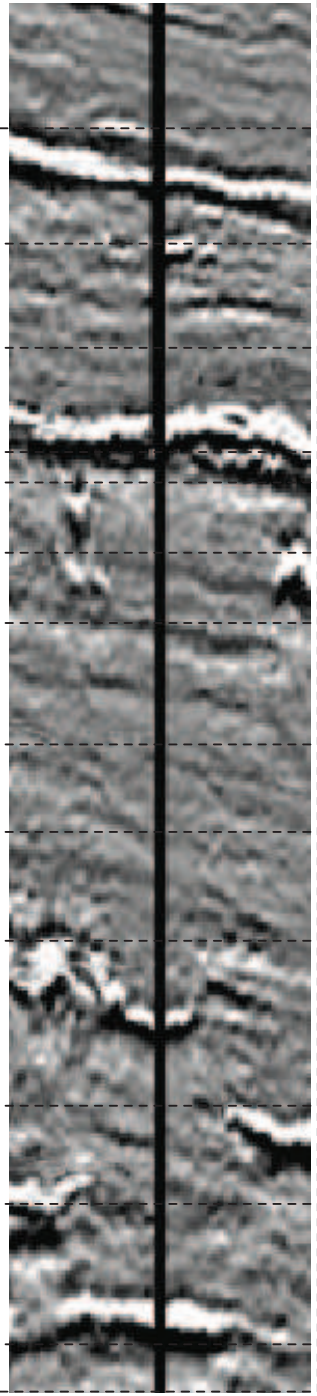
North Alex area

Well B22

Legend

- predominantly advective flow system
- predominantly diffusive transport system, possibly advective bypasses through laterally adjacent units
- unknown/unidentified migration mechanism
- lateral and/or stratigraphically bypassed thermogenic gas influx
- *in situ* methanogenic activity (possibly accompanied by quasi-balanced methanogenic biodegradation)
- methanogenic biodegradation (unbalanced)
- starved/remnant methanogenic communities
- starved/remnant methanogenic biodegrading communities
- segregative leakage (retained heavy molecules or isotopes) across a diffusivity/permeability contrast
- segregative migration within a sealing unit
- intercept of a seismic-scale normal fault
- intercept of a core-scale sandstone intrusion

Interval description	Flag description
pronounced drop in x_i above fault intercept implies that reservoired gas bypasses cap rock through conductive fault zone	
	fresh thermogenic gas input
high background gas saturation in thin-beds implies effective migration system	
	reservoir-alike gas in highly saturated cap rock thin beds
methanogenic biodegradation in peak x_i reservoir; segregative migration across seal boundary induces thermogenic anomaly	
	extremely dry thermogenic gas
	levee reservoir base
backfilled/biodegraded reservoir gas mixes into methanogenic gas	
	onset of pronounced biodegradation trend
	microbial gas carrier bed
	isolated biodegradation in fault vicinity
synchronous non-linear decline in thermogenic gas characteristics; ultra-light ethane implies very slow migration rates	
	base of microbial gas "source kitchen"
	local x_i maximum with strong methanogenic imprint
active background methanogenesis (bulged dryness and x_i)	
	elevated thermogenic saturations with active methanogenic imprint
upwards diminishing microbial gas fraction implies lateral thermogenic gas input	
	well-mixed reservoir gas
methanogenic environment with predominantly entrapped gases	
	sink for palaeo-methanogenic gas
abiotic zone	



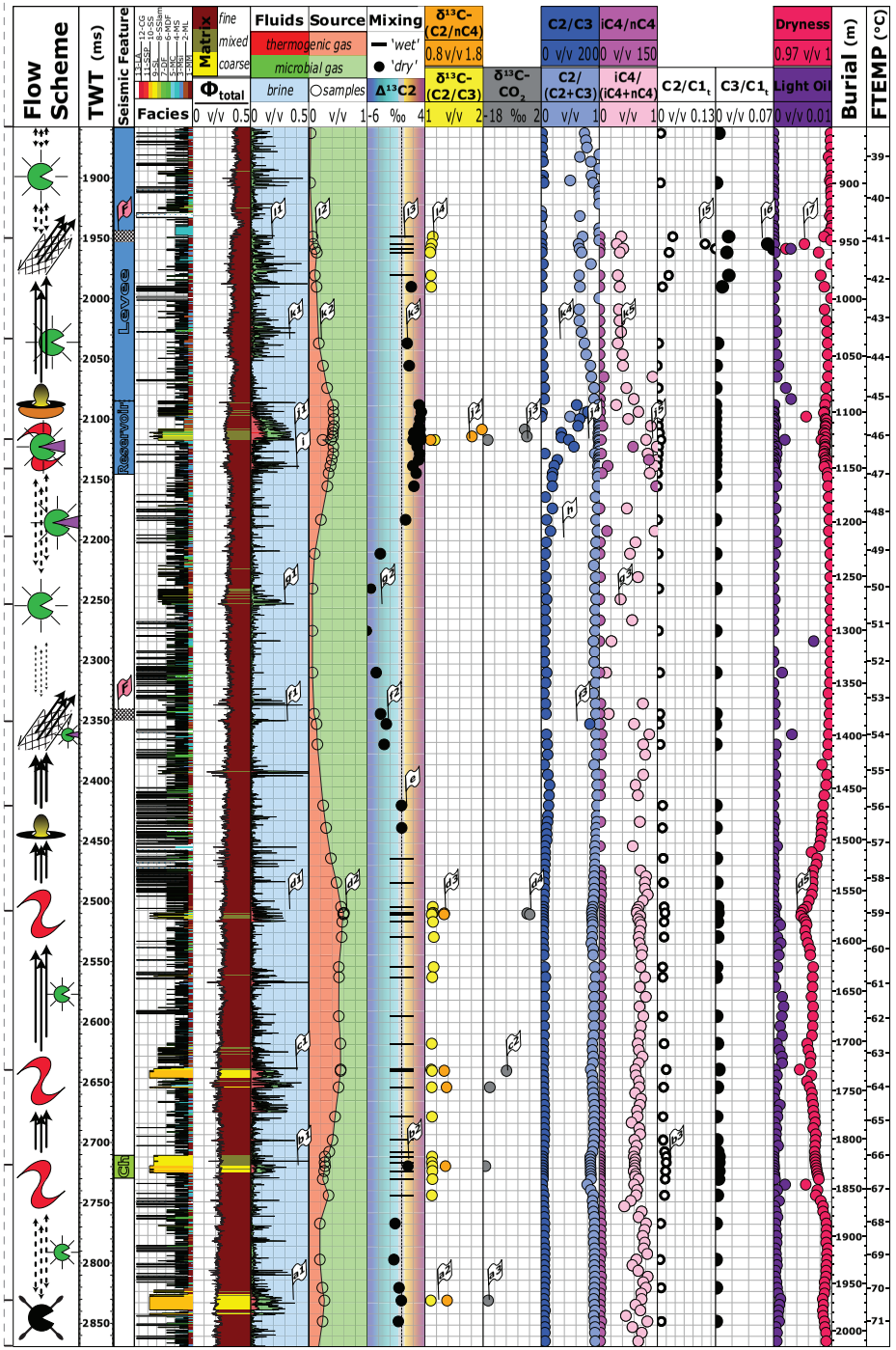


Figure 8–7 Well B22 seismic, lithology, saturation, and gas profiles. Seismic excerpt relates to Figure 8–10. See detailed description in text and legend (also Fig. 8–1) for the flow scheme.
F=fault; $\delta^{13}C$-(C2/nC4) ≡ $\delta^{13}C2/\delta^{13}C$-nC4; $\delta^{13}C$-(C2/C3) ≡ $\delta^{13}C2/\delta^{13}C3$; x_i ≡ thermogenic gas fraction

"conservative" petroleum systems that charge over a long time period via the very same well established migration routes. Another factor that would restrict or inhibit biodegrading activity is possibly a diffuse or non-equilibrated GWC, *e.g.* from relatively fresh or ongoing injections such as in the case of the deep thermogenic gas reservoirs along Well B22.

It is not suggested that the described scenario is a common survival mechanism of deep microbial communities that have lost their nutrient supply routes. However, the presented evidence for the physical ability of microbial relocation through fine-grained sediments sheds new light on the question how (and why!) microbes initially colonised the deep biosphere.

8.5 Migration scenario along Well B24

The gas genetic profile of Well B24 appears to be quite similar to the previous B22 section in so far as the thermogenic gas fingerprint is likewise focused around two vertically stacked maxima (Fig. 8–8).

Sub-reservoir section Two beds near the base of the well (flag series a) exhibit peak thermogenic signatures (flags a2,7-9) that imply a non-degraded source based on both pristine isotopic and molecular propane and butane ratios (flags a3,5-6). As the coarsest sandstone units contain almost 90% thermogenic gas (flag a2) that is neverthelss overprinted by remnant methanogenic fingerprints (relatively heavy $\delta^{13}C\text{-}CO_2$, flag a4) it must be assumed that a large thermogenic contribution is injected from adjacent bypass systems. The vague thermogenic peak at the deeper bed (~1740m) is probably stunted by dilution effects due to the limited volumetric resolution of the gas sampling techniques (~1m formation average; see Chapter 3.1). Further, steep butane gradients between the two sandstone beds at 1700m and 1740m (flag series a) imply some microbial activity in the intermediate mudrocks (probably thin beds) and support the idea that lateral charge rates exceed the vertical contribution in the vicinity of the well trajectory. By analogy with B22, the wet gas supply rate to these deeper thermogenic gas pockets is either generally higher than microbial metabolism and thereby whitewash any evidence of contemporary biodegradation or the system was exposed to recent episodic re-charge with a similar effect. Either way, lack of biodegradation suggests that the deep thermogenic gas was emplaced relatively recently and may still be subject to ongoing charge.

The thermogenic component decreases upwards over a 100m interval, across a fault intercept (at ~1665m burial) which might leak but does apparently not inject a distinct gas fingerprint, and towards a minimum that is associated with a sandstone sink for

microbial gas (flags b1-2). This thermogenic minimum at a microbial gas pocket reminds of the B22 constellation between 1200m and 1500m (Fig. 8–7). However, the affected interval in B24 has an overall "wet" $\Delta^{13}C2$ fingerprint which would indicate a significant advective intrusion from the thermogenic gas pool below. The fact that thermogenic wet gas components within the microbial methane dominated carrier bed are still pristine (flags b3,5,6) suggests the absence of biodegradation and that the wet gas is retained within the sandstone pore space, *i.e.* it is passively enriched. If this association of wet gas ponding with a peak microbial gas accumulation represents a static equilibrium the migration rate of thermogenic gas in this interval must be significantly slower than the rate of microbial gas generation. However, considering the implications of relatively recent thermogenic charge into the bottom segment (flag series a) it appears more likely that the overlying gas profile is at disequilibrium and therefore rather a snapshot of an ongoing thermogenic charge that is successively admixing into formerly methanogenic controlled pore fluids. Consequently, the bulged C2/C3 ratio that mediates between flag series a and b is considered as evidence of segregative migration (*e.g.* preferential adsorption of C3 *versus* C2) rather than a remnant of methanogenic ethane by-production. This assumption is supported by a similar but more faint bulge in the iC4/nC4 ratio that represents the expected smaller impact on segregative butane migration. However, these molecular effects could as well be due to the hypothesis of quasi-balanced methanogenic biodegradation that was discussed in Chapter 3.

The seismic-scale fault intercept at roughly 1550m coincides with the beginning recovery of thermogenic gas characteristics. In fact, molecular ratios between the microbial gas pocket (flag series b) and some sandier beds near the reservoir base (flag series c) are almost in 1:1 relation to the upwards increasing thermogenic gas fraction. This observation suggests that both segregative migration phenomena and *in situ* microbial gas generation must be overprinted by a much stronger effect that controls the geochemical balance between isotopic and molecular thermogenic gas fraction: the dominance of advective thermogenic gas flow through fine-grained sediments. Consequently, the differences in effective flow rates are responsible for establishment of the large-scale bulge in thermogenic gas fraction between 1480m and 1690m, with lower seepage rates through the deeper stratigraphy (flags a2 to b2) and relatively higher rates below the reservoir (flags b2 to c2). The intermediate microbial gas pocket at 1590m (flag b1) is accordingly leaking a higher thermogenic gas volume than is received from below, thereby confirms the previous assumption of a dynamic migration system, and reinforces the findings of Chapter 3 and Chapter 7 that a large fraction of microbial gas is entrapped within the pore space (dead-end pores etc.) whereas the thermogenic fraction is more prone to

utilise interconnected gas filaments for bulk flow. It is further conclusive that the rather linear legs of B24's thermogenic gas bulge represent advective flow control whereas the previously described thermogenic gas bulge that mediates between the reservoirs of B22 has a decisively convex shape which was associated with diffusive control (compare gas genetic profiles of Figs. 8–7 and 8–8).

Channel reservoir The wet gas and CO_2 isotopic signatures within the B24 channel reservoir exhibit active methanogenic biodegradation at vertically stacked gas-water contacts (GWC) that are represented by repeated decrease in C2/C3 ratio between 1350m and 1440m. These horizontal compartments as implied by the molecular ratios are in excellent agreement with both the modelled sandstone sections and high-saturation intervals (flags d-g). An overall upwards drying of the reservoired gas indicates that the identified compartments are in moderate vertical connection and that wet gas removal occurs step-wise as it passes the GWC-associated microbial community layers from channel bottom to top. In other words, contribution from lateral influx of thermogenic gas into the lower reservoir compartments is probably inferior to the advective charge through the pore space of the underlying fine-grained sediments.

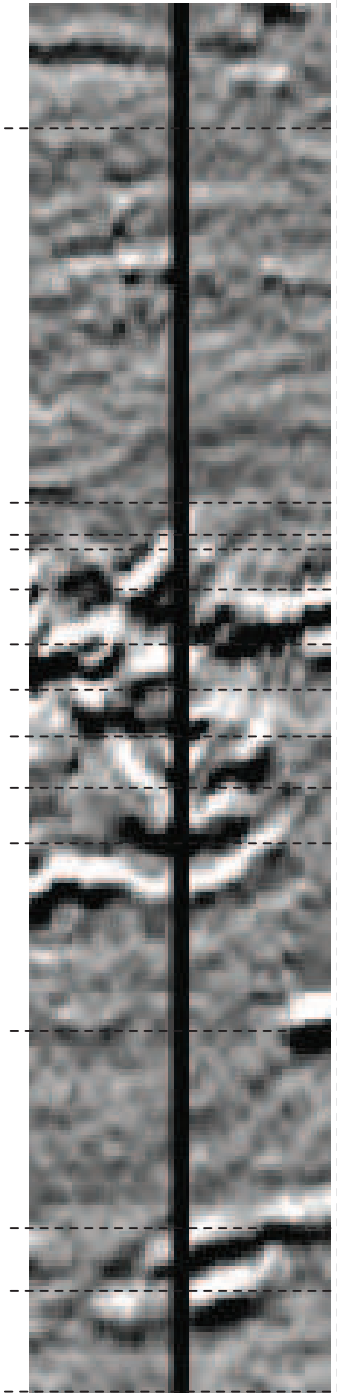
Reservoir/seal interface However, the situation is different within the top reservoir compartment that overlies a seismic-scale fault zone (~1335m). Here, both isotopic and molecular thermogenic wet gas proxies (flags h2-3) indicate a local recharge with non-degraded thermogenic gas that presumably arrives via the normal fault. The absolute volume of thermogenic gas above the fault zone (flag h1) increases upwards until the gas is apparently ponding below a strong permeability contrast (flag i1). The upwards increasing wet gas biodegradation fingerprint in this interval (between flag series h and j) indicates that the fresh thermogenic fault gas is instantly biodegraded as it passes through the local GWCs and thereby driest at the top of the compartment where the ethane and methane that were spared from microbial attack accumulate. Similar to the geochemically very pronounced reservoir/seal boundary in Well B22 (see Fig. 8–7) additional influence of segregative migration on this characteristic wet gas ratio curve shape are possible, especially under consideration of a single "dry" $\Delta^{13}C2$ fingerprint in a minor ponding structure within the lower cap rock (flags k1-2). In further accordance to the previously described inversed wet gas gradient in B22's levee reservoir (Fig. 8–7) the microbial community that colonises the topmost GWC of the B24 channel must be stressed by the local fault-gas effusion rate. However, although borderline supply rates for anaerobic biodegradation suggests that the flux rate of injected (and bypassed) gas through the fault zone is very

North Alex area
Well B24

Legend

- predominantly advective flow system
- predominantly diffusive transport system, possibly advective bypasses through laterally adjacent units
- unknown/unidentified migration mechanism
- lateral and/or stratigraphically bypassed thermogenic gas influx
- *in situ* methanogenic activity (possibly accompanied by quasi-balanced methanogenic biodegradation)
- methanogenic biodegradation (unbalanced)
- starved/remnant methanogenic communities
- starved/remnant methanogenic biodegrading communities
- segregative leakage (retained heavy molecules or isotopes) across a diffusivity/permeability contrast
- segregative migration within a sealing unit
- intercept of a seismic-scale normal fault
- intercept of a core-scale sandstone intrusion

Interval description	Flag description
minor thermogenic gas anomaly: insignificant loss through pore network: percolation outbalanced by slow methanogenesis	
	segregative migration / biodegrad.
	peak biodegradation
upwards drying of seeping fault gases: biodegradation	ponding below seal contact
	fault zone: thermogenic recharge
	GWC: microbial community
active methanogenic biodegradation at vertically stacked reservoir GWC: disequilibrium conditions	GWC: microbial community
	GWC: microbial community
	lithological reservoir base with microbial community at GWC
	gas compositional reservoir base
backfilling: x_i ~ dryness implies advective thermogenic gas leakage through pore network; mixing overprints methanogenesis & segregative migration effects; charge via fault zone?	
	sandstone sink for microbial gas
thermogenic gas anomaly: upwards decreasing x_i with unaffected $d^{13}C2$ implies ongoing seepage through pore network; segregative wet gas migration; passive fault zone	
	peak x_i in sandstone bed; probably bypassed gas
lack of biodegradation implies recent/ongoing charge; some intermediate methanogenesis	peak x_i in sandstone bed (local maximum not resolved)



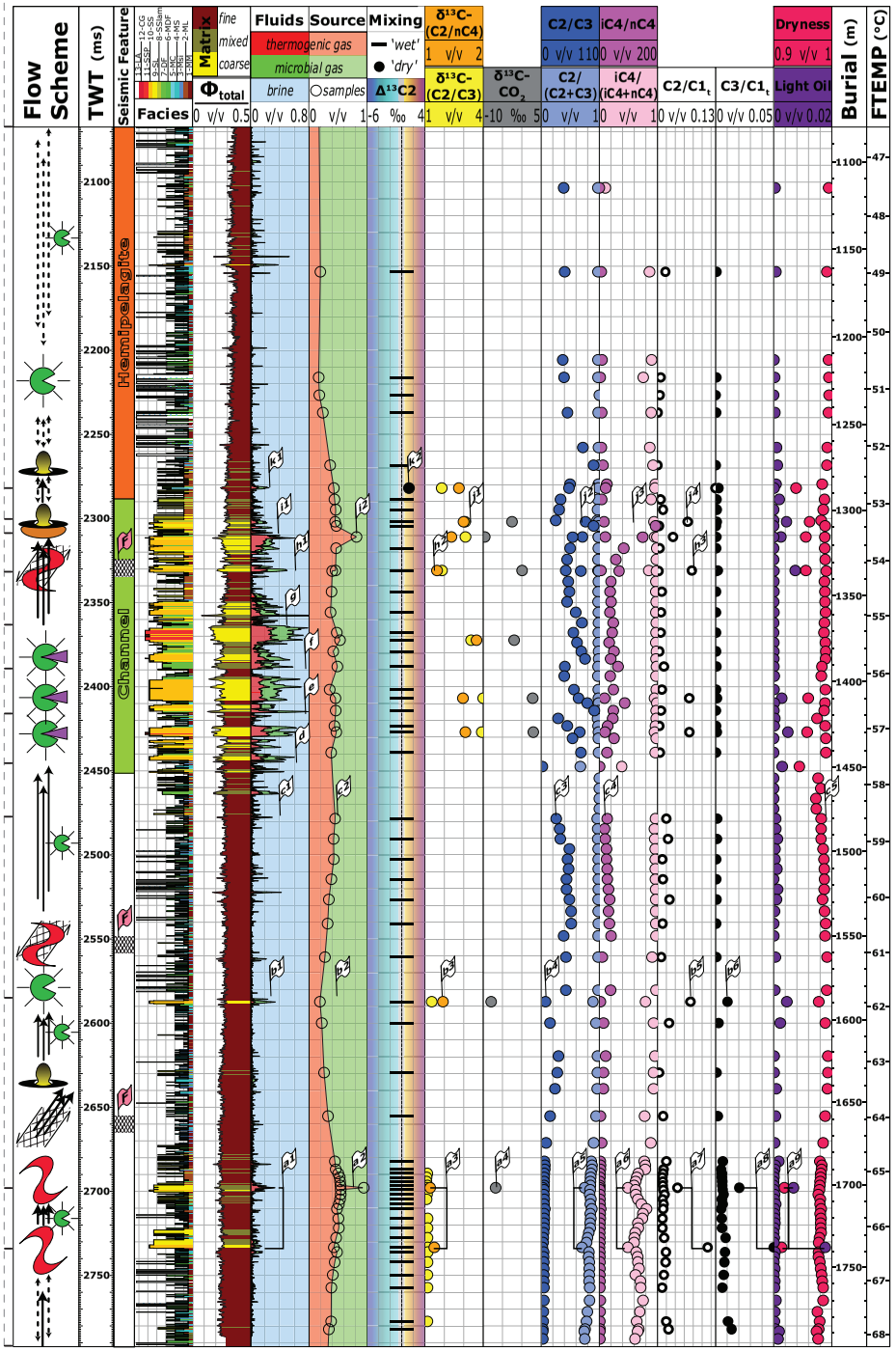


Figure 8–8 Well B24 seismic, lithology, saturation, and gas profiles. Seismic excerpt relates to Figure 8–10. See detailed description in text and legend (also Fig. 8–1) for the flow scheme.
F=fault; $\delta^{13}C$-(C2/nC4) ≡ $\delta^{13}C2/\delta^{13}C$-nC4; $\delta^{13}C$-(C2/C3) ≡ $\delta^{13}C2/\delta^{13}C3$; x_i ≡ thermogenic gas fraction

low on a microbiological time-scale it may well pose a significant seal risk on geological time-scales, especially if fault-activity and reactivation is of episodic nature.

Top seal Apart from uncertainties in fault conductivities the roughly 70m thick thermogenic anomaly within the lower seal interval is considered a diffusion-dominated migration front rather than evidence of rapid bulk flow. Although there are few gas samples that represent the upper seal section the samples available suggest uniformly low thermogenic gas content, *i.e.* the little percolation that may take place is in equilibrium with slow methanogenic gas production and thus supports the idea of a relatively tight cap rock.

8.6 Resolving the North Alex case study

The regional setting of Wells B22 (Chapter 8.4) and B24 (Chapter 8.5) within the North Alex case study has been introduced in Chapter 1.2. Frequent occurrence of fault intercepts across both well trajectories stipulates the seismic capture of faultlines in vicinity to the North Alex mud volcano. In fact, the Upper Pliocene dip map in Figure reveals that both hydrocarbon reservoirs and mud volcano are situated amidst a complex fault zone that has an overall ENE-WSW strike line. Minor and major faults that cross the alongslope profile line between the investigated wells are marked (faults A-F).

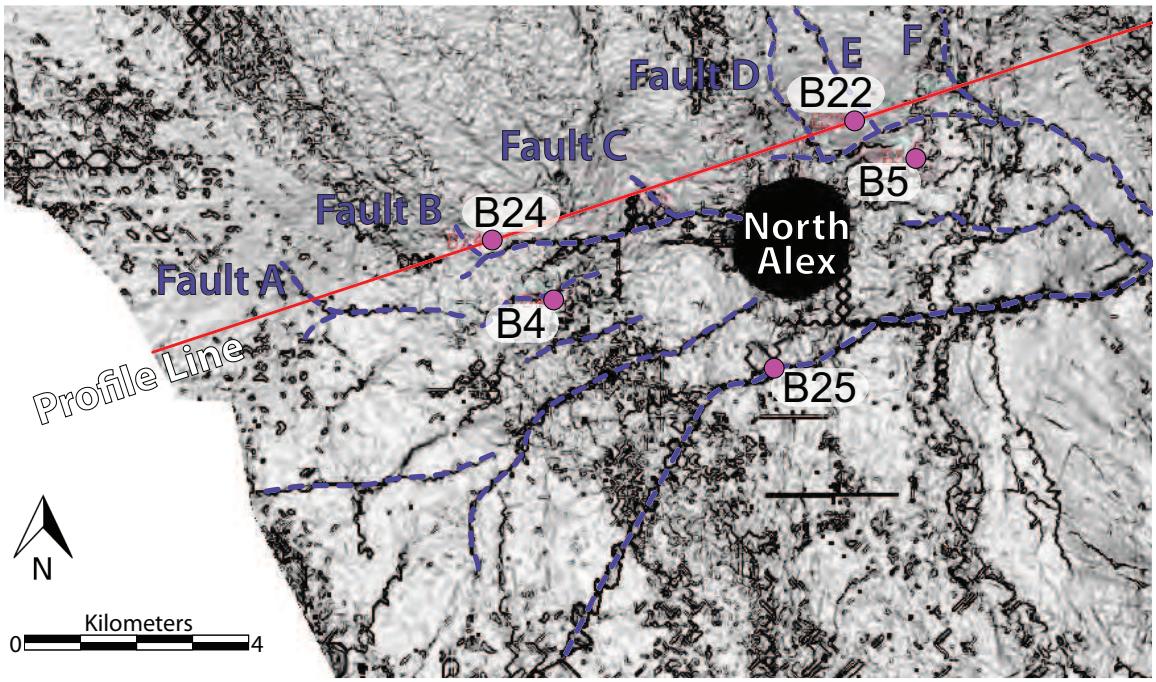


Figure 8–9 The seismic dip map of an Upper Pliocene interval of the North Alex case study suggests interrelations between mud volcano occurrence and a complex fault zone. The red profile line refers to the seismic sections in Figure 8–10.

Seismic facies interpretations have not been performed on this section but channels

and related levees are clearly visible in Figure 8–10a. Integration of the thermogenic gas fraction as a rough proxy for relative migrated gas content within the pore space affirms the impression that the local petroleum system is largely controlled by fault-associated charge and leakage (Fig. 8–10b).

In sedimentary mudstone/sandstone successions as in Nile Delta fan it is traditionally believed that fault-related hydrocarbon migration rates – both along-fault and perpendicular – are largely controlled by membrane sealing behaviour of the fault gauge matrix rather than fracture permeability because of clay mineral entrainment along the shear planes (Schowalter 1979, Eichhubl *et al.* 2005). Migration control by fracture or joint permeabilities is usually focussed "at locations of structural complexity such as fault intersections, extensional steps, and fault-segment terminations" if episodic reactivation of shear planes hampers a complete plugging with diagenetic cement (Eichhubl *et al.* 2009). Consequently, capillary entry pressure is considered the most important parameter for membrane fault seal studies (Manzocchi *et al.* 2011). Juxtaposition of sandy *versus* clay-rich sedimentary units may foster changes from structurally- to stratigraphically-controlled migration (*e.g.* Duchesne *et al.* 2011) depending on whether the least resistant entry pressure is exerted from either fault-gauge or adjacent stratigraphy. Sealing and non-sealing faults may coexist dependent on the burial history of a basin (Barr 2007). In case of the North Alex case study it must be noted that the assigned preferential fluid flow routes in Figure 8–10b are subject to the condition that across-fault migration is inferior to migration along the down-dip side of seismic-scale fault planes.

Further, it was discussed in Chapter 6 that the formation of free gas filaments from progressive exsolution of an internal gas source such as methanogenesis would be inhibited without microfracture propagation (Gardiner *et al.* 2003, Algar & Boudreau 2010). Although it was argued that the low present-day overpressures in the relatively shallow Nile Delta Pliocene explicitly preclude micro-fracturing it must be considered that shear zone displacements within the vicinity of a normal fault plane may well establish and maintain bulk flow networks by *in situ* exsolution of microbial methane.

Restricted across-fault migration enables the charge of the B24 channel reservoir via its associated levee (Fault A in Fig. 8–10b) and at the same time explains the entrapment of a minor gas pocket at the opposite side of the fault plane (between 2750ms and 3000ms). At the same time, it relativises the formerly leakage-allocated nutrient shortage of the B22 biodegrading community by the additional information that re-charge from its adjacent channel reservoir is hampered by fault F. It is suggested that across-plane sealing is particularly strong in terms of faults A and E-F whereas the detailed well analysis of B24 has implied that advective flow does occur across faults B and C. The latter is affirmed

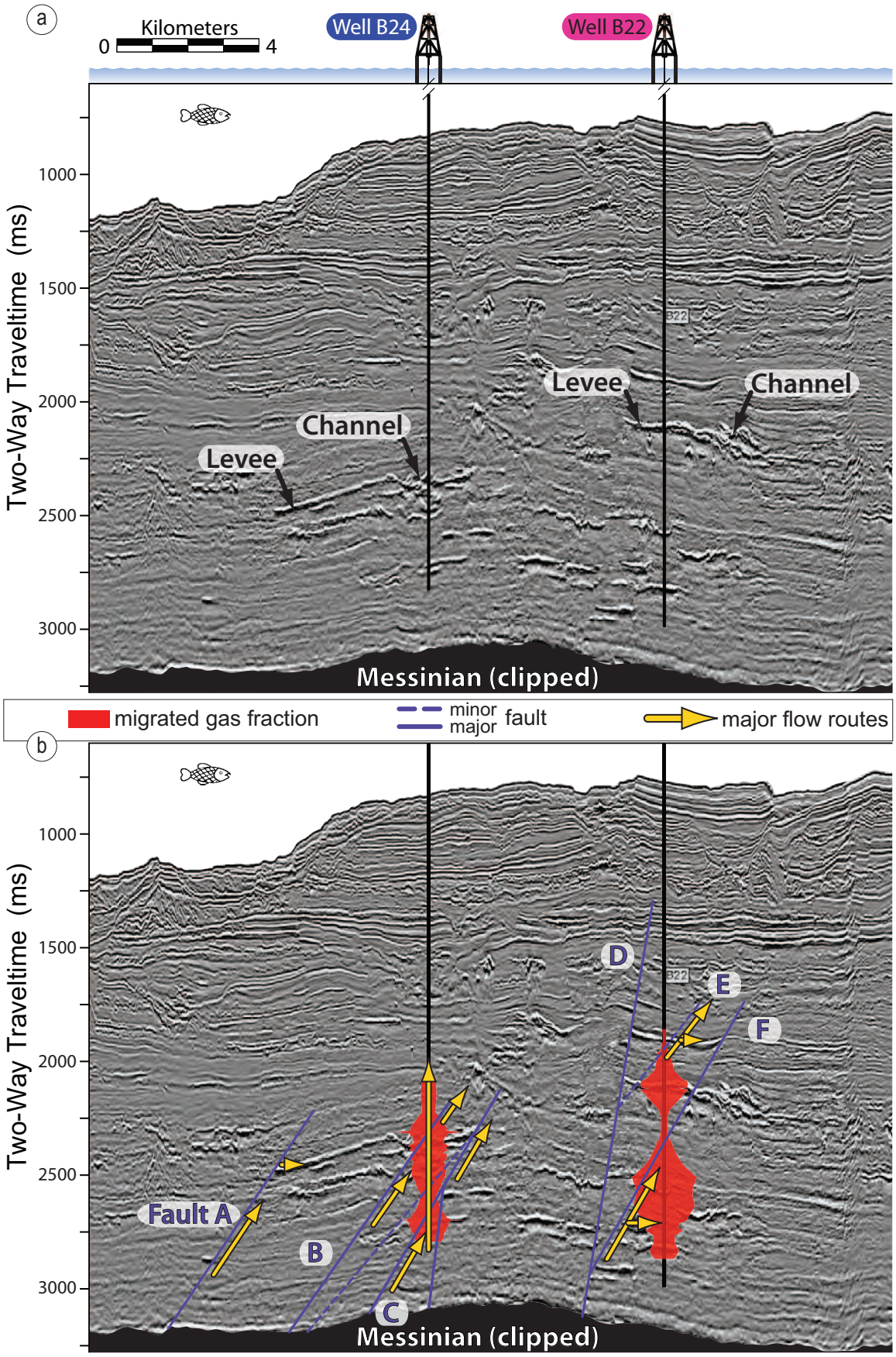


Figure 8–10 Along-slope seismic profile through the North Alex case study (see profile line in Fig. 8–9). (a) Raw cross-section indicates position of the B24 channel reservoir and B22 levee reservoir. (b) A succession of stacked normal faults is intersected by a steep fault (fault D) that may have a significant strike-slip component (Twiss & Moores 1992). The B22 gas profile is mostly fault-controlled whereas the more balanced migrated (thermogenic) gas fraction along B24 implies a significant contribution of the pore network in the mudstone non-reservoir.

by a more balanced distribution of migrated gas along the B24 trajectory as opposed to strong contrasts in B22 (see red fields in Fig. 8–10b). However, direct evidence for the role of North Alex mud volcano and the possibly related steep fault D cannot be resolved with the available data basis.

Relevant events within the North Alex case study are schematically summarised in Chapter 9.

Chapter 9 Migration in the deep biosphere – a discussion

It has been demonstrated that thermogenic gas is exposed to a large variety of secondary alteration phenomena during its passage through the methanogenic zone of the Nile Delta's deep biosphere.

Migration mechanisms and pathways There is multiple evidence in the literature that hydrocarbon degrading microbial communities do not have direct access to nutrients in a free gas phase, be it in terms of aerobic oxidation of methane in temperate soils (Tyler *et al.* 1994), aerobic oxidation of hydrocarbons in shallow marine sediments (Grant & Whiticar 2002), or anaerobic biodegradation within commercial petroleum accumulations (*e.g.* Jones *et al.* 2008). The metabolic requirement of dissolved gaseous species is also known for some higher plants (*e.g.* Chanton *et al.* 1992). Such incompatibility between a free gas phase and microbial metabolism enables a discrimination between the two fundamental transport mechanisms of hydrocarbon migration: diffusion and advection. Since diffusive transport rates are up to two orders of magnitude lower than advective flow across an interconnected hydrocarbon phase (England & MacKenzie 1989, England 1990) the identification of non-degraded and non-diffused gas samples with an advective mixing trend between arriving thermogenic and *in situ* microbial gas is an invaluable proxy to track stratigraphic units that harbour a sufficient micro-saturation for advective seepage.

The comparatively rare occurrence of clearly diffusive fingerprints in the combined gas data of the Nile Delta is perhaps surprising given that the majority of samples is taken from clay-dominated stratigraphy. Moreover, a continuous "dry" mixing trend that may be associated with diffusive/microbial control on gas migration rates is almost exclusive to a single well section (B22). Considering the discussed drag in isotopic response to microbial gas generation and consumption (Chapter 3.4) it is therefore likely that the diffusive signal is only detectable if the thermogenic end-member has compositionally adjusted to dry microbial gas through wet gas biodegradation. Although no ethane solubility calculations have been conducted in this work – because the overall low C2 volumes could not be modelled with the required accuracy – the most likely explanation for this behaviour is that the bulk C2 of the "dry" trend is in aqueous solution and thereby fully accessible to microbially-mediated overprints. In this scenario, comparably high dissolved methane concentrations (Chapter 7.3) do not have a diminishing effect on C2 solubility because dissolved low-molecular weight hydrocarbons act as "ideal solutions" due to their overall low solubilities in water/brine (de Hemptinne *et al.* 1998b, Dhima *et al.* 1998 & 1999).

Although direct field evidence for filamentary advective flow pathways on the pore scale could not be resolved by the saturation model (Part III) indirect support for their existence is given by the gas genetic distribution along the investigated boreholes. As thermogenic gas fingerprints represent the minimum fraction of migrated hydrocarbons the identified thermogenic anomalies above accumulations witness the percolation progress. Likewise, widely observed thermogenic anomalies below overlying gas pockets represent back-filled migrated gas that is retained within the filamentary flow network by the upwards increasing pressure communication with the accumulated free gas column (Fig. 9–1). If cap rock-bypass systems (CBS) such as conductive fault zones or sandstone intrusions are absent both percolation front and backfilled gas may eventually meet to provide a filamentary pore-scale flow network that maintains a dynamic charge/leak scenario for the accumulations involved, *i.e.* hydrocarbon loss is a function of reservoir charge rate and relative permeability of the cap rock such as proposed for the Well B19 trajectory. Omnipresence of retained methanogenic and – at greater depth – palaeo-methanogenic gas will enhance this process because (1) an already methane-saturated formation water buffers the diffusive loss of the migrating/ponding thermogenic gas and (2) exsolved bubbles of microbial methane will speed-up percolation processes as the net distance that needs to be bridged by capillary injection thereby decreases.

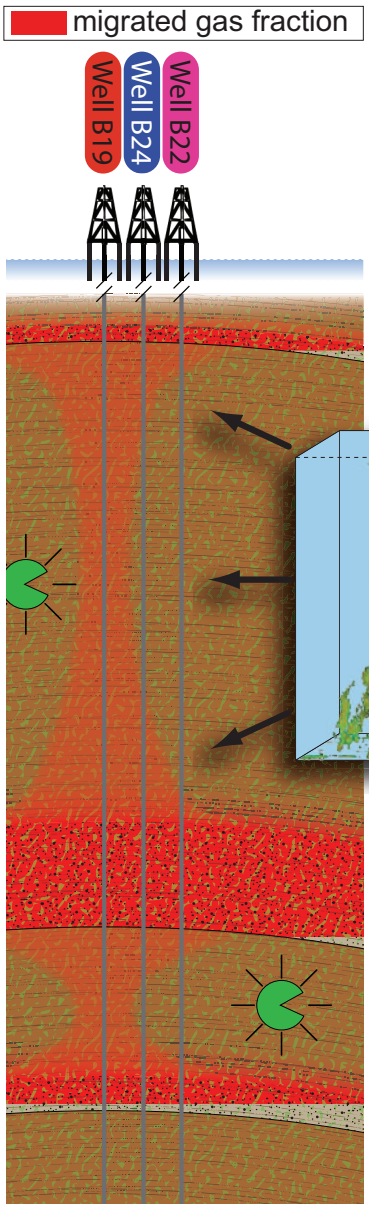


Figure 9–1 The relative extent to which pore-scale flow pathways are activated is roughly proportional to the sampled thermogenic gas fraction under the assumption that methanogenic gas production is pervasive in the mudrock non-reservoir. Such a migration proxy is not valid for Well B20 because its formerly thermogenic reservoir gas is almost completely lost through the cap rock. See Figure 8–1 for pictogram legend and Figure 7–24 for details about the cubic inlet.

Naturally, migration through the pore space becomes second choice if conductive fault zones are crossing the seepage pathway. In the North Alex case study apparent fault (re-)activation in conjuction with mud volcano activity is an excellent example for largely fault-controlled reservoir charge and leakage (Fig. 9–2). Migration along the down-dip side of sealing fault planes would be enhanced by progressive exsolution of microbial gasses upon seismic microfrac-

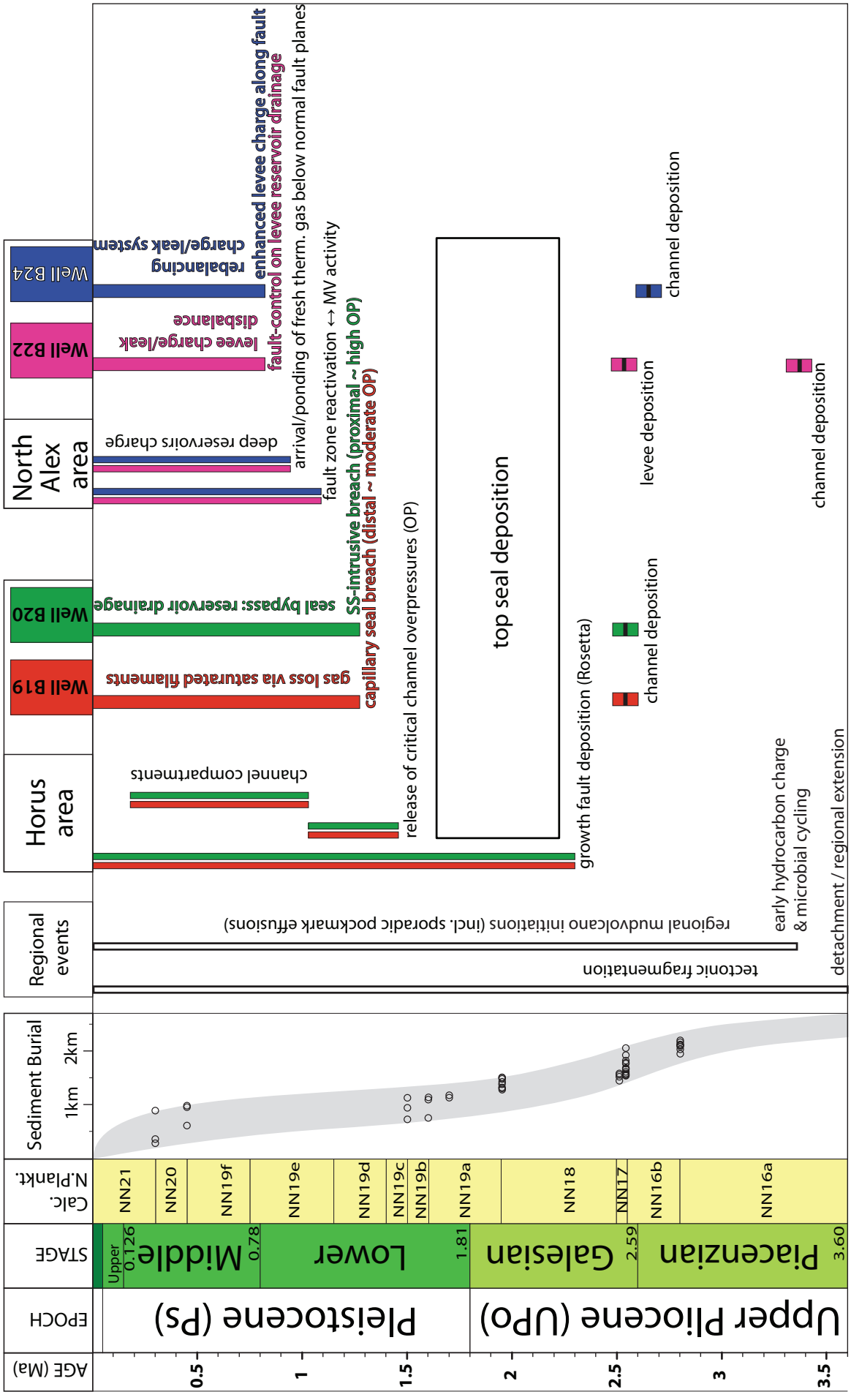


Figure 9–2 Schematic geological timeframe of the events in the Horus and North Alex case study. This figure summarises the interpretations from Chapter 8.

ture propagation (Gardiner *et al.* 2003, Algar & Boudreau 2010). In the tectonically less fragmented Horus area growth fault-induced palaeo-overpressures that were regulated by early conductive and late sealing fault properties are held responsible for the early capillary breach of the B19 seal interval and late pressure compartmentalisation that eventually lead to the palaeo-drainage of the B20 channel leg through core-scale sandstone intrusions (Fig. 9–2).

Implications for the deep biosphere It is standing to reason that remnant microbial communities that comprise both biodegrading bacteria and methanogenic archaea happened to colonise initially empty reservoir structures early at shallow burial and flourished upon the eventual establishment of reliable charge routes (*e.g.* Wilhelms *et al.* 2001a). The idea that the timespan between early colonisation and late (deep) hydrocarbon charge is bridged by a long period of microbial dormancy appears incomprehensive from a biological perspective because a late reactivation would have spared the necessary adaptation of the affected microbial strains to the environmental changes that occur during burial through the deep biosphere (see Fig. 2–3). Instead, vital and active microbial communities at depth are expected to have evolved more or less continuously during their burial history.

Further, results from the gas saturation model in Chapter 7 indicate the pervasive presence of so-called gas-water contacts (GWC) both within thin beds and mudrocks of the non-reservoir. It therefore appears increasingly unlikely that biodegrading bacteria are exclusive to GWCs of commercially-sized hydrocarbon accumulations but must have branched off and specialised from remnant strains that were capable of various different metabolic pathways. The well-documented traditional association of biodegradation with large-scale accumulations must be considered as a skewed observation because here it is only most easily recognised by the large-scale wet gas molecular and isotopic gradients that spread across accumulated petroleum columns as a diffusive/density-driven response to microbial cracking at its base. Such commonly acknowledged pattern that was shown to cross the B22 levee reservoir base (Chapter 8.4) gives rise to the assertion that microbial communities within the deep biosphere are capable to respond to nutrient shortage by physical relocation towards alternative supply routes.

As there is no evidence of anaerobic oxidation of methane (AOM) the overall very dry gas composition within the Nile Delta sediments poses an ideal case study for the detection of hydrocarbon trace metabolites from vital wet gas-fermenting bacterial strains within the non-reservoir. It has been shown by the bulk analysis of the provided gas data (Chapter 3) that wet gases tend to balance at certain molecular ratios as a rough function

of temperature regime – particularly if relatively high concentrations are involved (Figs. 3–9 and 3–10). Since isotopically light traces of ethane and propane are a by-product of methanogenesis (see Chapter 2.2) it appears comprehensible that a supposedly weak contemporary biodegradation activity is not recognised in the net carbon isotope signature because of counterbalancing isotope shifts (microbial production *versus* preferential consumption of light $\delta^{13}C2$). The discovery of such mutually annihilating isotope shifts is further hampered by the general drag in isotopic response to both methanogenic admixture and biodegradation as opposed to their instantaneous response in molecular wet gas depletion (Fig. 3–11). Nevertheless, molecular effects of isotopically balanced methanogenic biodegradation in the non-reservoir remain equivocal due to a similar magnitude of segregative wet gas removal and must be carefully discriminated in the context of associated borehole gas profiles (Chapter 8).

The recognition of microbial alteration effects on hydrocarbon isotopes and composition is vital to a correct interpretation of the migration and entrapment history of sampled gases in this area, not least because unrecognised microbial control on ethane carbon isotope ratios may lead to severe miscalculations of thermogenic gas maturities. For instance, an absolute $\delta^{13}C2$ variation of ~10 ‰ across only a 100m interval below the B22 levee reservoir (see $\Delta^{13}C2$ in Fig. 8–7) exceeds the entire maturity range of the Berner & Faber (1996; Fig. 3–5) isotope model and could thereby lead to the false perception of mixing thermogenic gases. Instead, it was demonstrated in this study that the actual gas maturity range across the entire case study is very confined due to low variations in fermentation-resistant isobutane carbon isotope ratios (Chapter 3).

Chapter 10 Conclusions

The Plio-/Pleistocene stratigraphy of the western Nile Delta fan is an example environment for the admixture of relatively dry thermogenic gases (>98% methane) into even drier *in situ* microbial gas (~99.9995% methane). Biodegradation processes within the deep biosphere are responsible for methane-dominance even in sections with high thermogenic gas fingerprint. The lack of hydrocarbons other than methane hampers the identification of wet gas ponding structures. Also, mixing and degradation processes are sufficiently pervasive to conceal the supposedly narrow gas maturity range.

However, trace concentrations of wet gas in such microbial environments foster the analysis of metabolic processes that accompany methanogenesis but would be concealed if large quantities of less mature hydrocarbons such as oils were present. It has been shown that ~2 vol.% of thermogenic ethane suffice to conceal its microbial isotope shifts as opposed to trace ethane concentrations in biodegraded/methanogenic diluted thermogenic gases.

Also, a methane dominated environment allows the approximation of methane content by total gas concentration logs that were monitored during drilling. Otherwise the presented saturation model would not be applicable to overall "wetter" or even oil-prone petroleum systems. However, gas saturations as modelled from wireline logs do not resolve the presumable patchy/filamentary micro-conduits of free gas phase that would allow bulk flow as opposed to relatively slow molecular diffusion upon capillary entrapment. Nevertheless, gas geochemical analyses imply that leakage through the mudrock pore space poses a high seal risk particularly if hydrocarbon buoyancy pressures were at any point in the past sufficient to overcome the capillary entry pressure of the sealing unit and thereby paved the filamentary saturation pathways for permanent bulk flow. *In situ* generation of microbial methane may play a vital role in sustaining the interconnectivity of leaking hydrocarbon phases both within mudstone cap rocks and along conductive fault zones.

All these processes take place in a lithological environment that many geologists before have struggled to capture in a quantitative and reproducible manner at both core scale and sample resolution. Using core image pattern recognition in conjunction with the herein conducted image-to-grain size integration may well pose a fruitful approach for future researchers to strip-off ambiguity from descriptive interpretations of sedimentary facies.

Finally, the integrated study of both fluid volumetrics and geochemical borehole pro-

files resolved the hydrocarbon migration history of selected Nile Delta focus areas in the context of lithology, stratigraphy, and regional basin architecture. It was confirmed that hydrocarbon loss through the pore space becomes second choice if the local petroleum system is controlled by fault activity. The question whether the latter is a common feeding mechanism for seafloor pockmarks remains unresolved owing to the available data basis. Further, presence of subseismic-scale sandstone intrusions across the cap rock of an underfilled channel reservoir implies that the capillary breach of the same top seal above an adjacent and filled channel compartment was initiated by substantial palaeo-overpressures.

Chapter 11 Applications and outlook

This chapter is designed to emphasise potential industrial applications and state recommendations for future research in the different aspects of this work.

Part I: Geochemical gas mixing model The applied gas mixing model represents a generic approach to determine the migration processes of mixed thermogenic/biodegraded/microbial gases in the subsurface. Successful transfer to other localities depends on the following prerequisites:

- Low variations in thermogenic gas maturities and presence of both methanogens and biodegrading microbes (methanogen window of deep biosphere)
- Good knowledge of thermogenic/microbial gas endmember chemistry from measured data
- High methane content (ideally >95%) in thermogenic gas to emphasise ethane isotopic shifts during mixing with its microbial counterpart (>99.9995% methane)

Further, the role of adsorption related isotope fractionation must be carefully quantified in future laboratory studies. It was outlined in Chapters 2.3 and 3.1 that adsorped (HSG) methane is in general isotopically heavier compared to interstitial gases. This circumstance could imply either preferential adsorption of thermogenic gas (*e.g.* Whiticar 2002) or severe ^{13}C fractionation of purely microbial gas (*e.g.* Friedrich & Jüntgen 1972), each with fundamentally different implications for the nature of gas migration through the subsurface.

Part II: Upscaling of lithology The calibration of petrophysical wireline log signals through the proposed upscaling procedure (core samples → core images → wireline log interval) poses a promising approach for software supported applications in the petroleum industry. Although the procedure is not of generic nature the definition of conversion functions between the required input data (rock sample analyses, core images, log signals) from new boreholes can easily be automated with basic software programming knowledge.

In terms of lithofacies reproducibility the following key issues must be addressed in future research:

- more sand-prone core sample coverage will improve the grain size model quality
- automated core image texture recognition
    - improves allocation of both lithofacies boundaries and borderline lithologies

- allows more objective parameter studies on interrelations between lithology/texture and wireline log signals
- improves the reproducibility of (supervised) ANN-supported wireline facies recognition

- unsupervised ANN training
  - automated wireline facies recognition that is solely based on the given suite of log signals will inevitably show the highest possible reproducibility
  - output (wireline) facies must be examined for textural/lithological (core image) features that are sufficiently characteristic to provide a unique set of lithofacies

Part III: Hydrocarbon saturation Transferability of the proposed saturation model to other boreholes/case studies is subject to a precise calibration of wireline log signals (total porosity, clay content, neutron/electron density). As there are hardly any absolute signals in petroleum engineering it is recommended to implement the proposed saturation model along with the same software tool that allows the above upscaling & signal calibration procedure (core samples → core images → wireline log interval).

In case studies were methane is the dominant hydrocarbon species and carbonates are mostly absent the commercial benefit of the applied technique is as follows:

- improved estimates of total gas in place volumetrics (*e.g.* shale gas reservoirs)
- saturation logs may serve as calibration reference for basin-wide fluid flow models

In terms of further research, the general lack of direct saturation reference data other than model derived estimates will necessitate the conduction of laboratory experiments similar to the work of Archie (1942). Laboratory tests on the interrelation between neutron/electron density and hydrogen content – in a porous medium at different hydrocarbon saturations – will provide the only reliable information about the quality of the herein applied saturation model.

Depth synchronisation Finally, it has been demonstrated that signal depth matching of cores/mudlog to the wireline log reference is crucial for an integrated calibration of these different wellsite data acquisition techniques. Both grain size model (Part II) and saturation model (Part III) are suited for high-precision depth matching (Appendix B) and provide a promising reference data set for non-linear shifting algorithms. Naturally, limitations are given by the lowest depth resolution of the involved data profiles.

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Appendices

Appendix A: Depth Synchronisation

This chapter deals with the restoration of depth coherency between the different data types used for the integrated assessment of hydrocarbon migration in the case study. The difficulties and limitations involved are outlined in Chapter 1.3.

A.1 Core Shift

There are basically two methods for matching the driller's or core depth to the logger's depth: adjustment of core gamma ray (COGR) to conventional gamma ray (HSGR), and adjustment of core images (CI) to microresistivity borehole images (OBMI). The accuracy of both methods depends on the lithological and pore fluid contrast, respectively. Intervals with high resistivity contrasts, *e.g.* gas-filled sandstones interbedded with mudstones and carbonate bands within mudstone sections, can easily be fitted using the image data. Muddy sections with dominantly brine-filled sandstone interbeds and laminae are better suited for COGR-HSGR fitting.

However, a variety of problems may occur that influence the accuracy of the shift:

- OBMI: flap/pad mismatch of the OBMI tool, wash-outs and hole rugosity, lowered pad response in high resistivity gas sands, diagonal striping due to damaged borehole wall
- CI: preserved samples have not been photographed (30 out of 100 cm per image), damage to the core due to cutting
- HSGR: bulk intensity shift at the casing-to-open hole boundary
- COGR: alternating intensities between intervals due to different time-steps of measurement, depth inversions from inversed scans

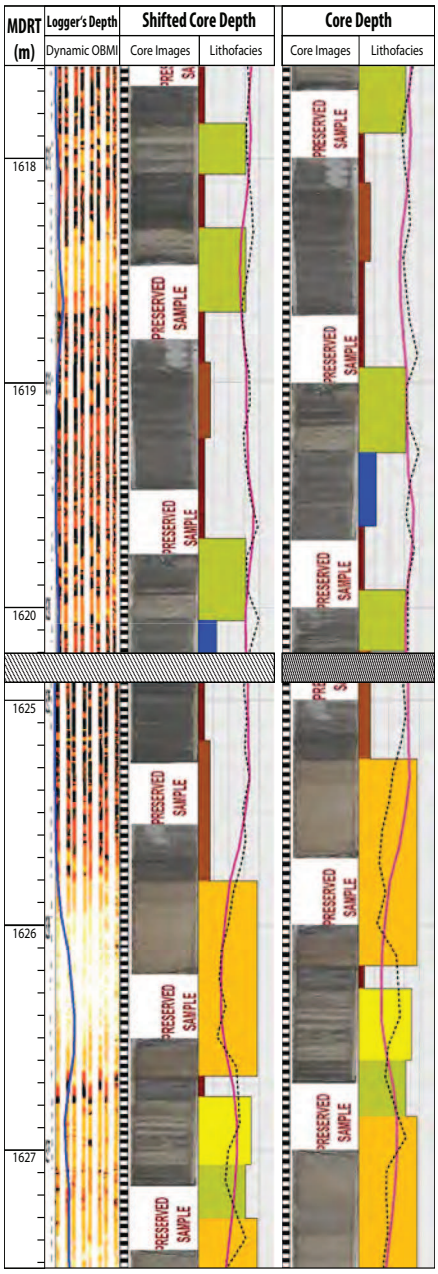


Figure A–1 Example intervals from Well B19 showing shifted and unshifted cores. Deep resistivity log (blue line), HSGR (red line), COGR (black dashed line), for facies see Fig. 5–3.

Methodology integration Ideally, CI-to-OBMI and COGR-to-HSGR fitting should end up with comparable results for the most likely core position along the logger's depth. However, application of the CI-shift to the COGR logs resulted in quite uniform COGR-to-HSGR offsets (see below). Investigation of the CI-to-COGR depth integrity revealed that some core sections have either a positive or negative vertical offset towards their associated COGR logs, *i.e.* either smaller or larger depth were recorded for both first (top) and last (bottom) measurement.

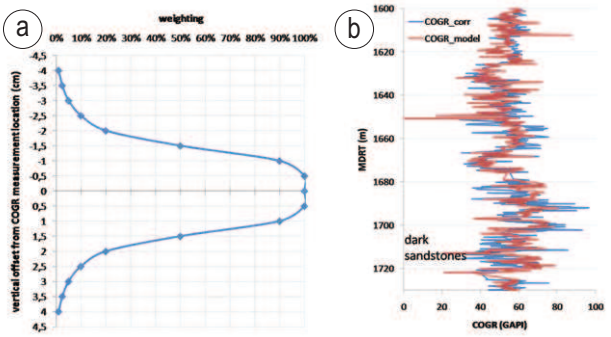


Figure A–2 (a) Scale modulation of CI parameters to match the cummulative gamma ray reception at the device's crystal. (b) Inaccurate COGR model output from modulated CI parameters.

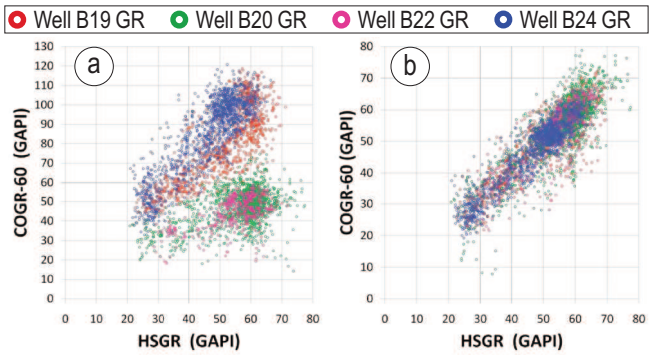


Figure A–3 (a) Raw and (b) calibrated COGR signal intensiity via linear referencing of the the 60cm geometric mean of each shifted COGR-interval to the conventional wireline log signal (HSGR).

As indicated in Chapter 5.2, long attempts to couple the CIGS model to core gamma ray (COGR) response did not return satisfying results. Although the scale and resolution discrepancy between CIs and COGR response was considered (Figure A–2a) various empirical calculations from CI parameters did not return an accurate model of the COGR response (Figure A–2b). These inconsistencies were attributed to (1) a too loose cause-and-effect relationship between CI parameters and COGR, (2) uncertainties in COGR device settings (sensibility; Fig. A–3), and (3) mismatches in CI an COGR depth at the required resolution (~1cm). However, although not applicable for

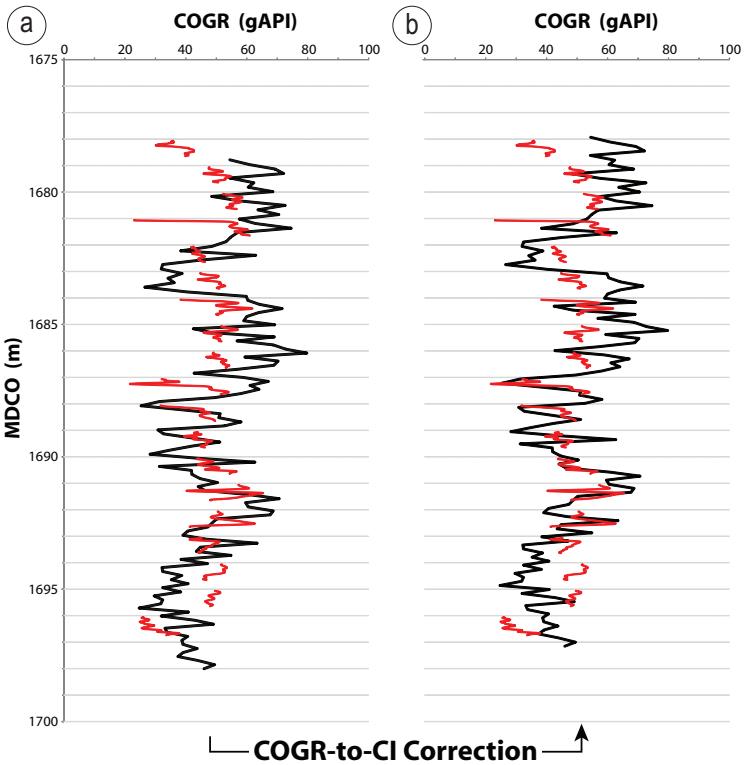


Figure A–4 Example core section from Well B19 showing measured (black) and core image-derived (red) gamma radiation (a) prior and (b) after COGR bulk shift.

high resolution purposes the best-fit models provide at least partly characteristic reference logs for COGR-to-CI depth correction assuming a simple bulk shift of the COGR logs (Fig. A–4).

In the end, the best agreement between matching all these data has been converted into a progressively linear shift of the core depth to the actual logger's depth (Fig. A–5).

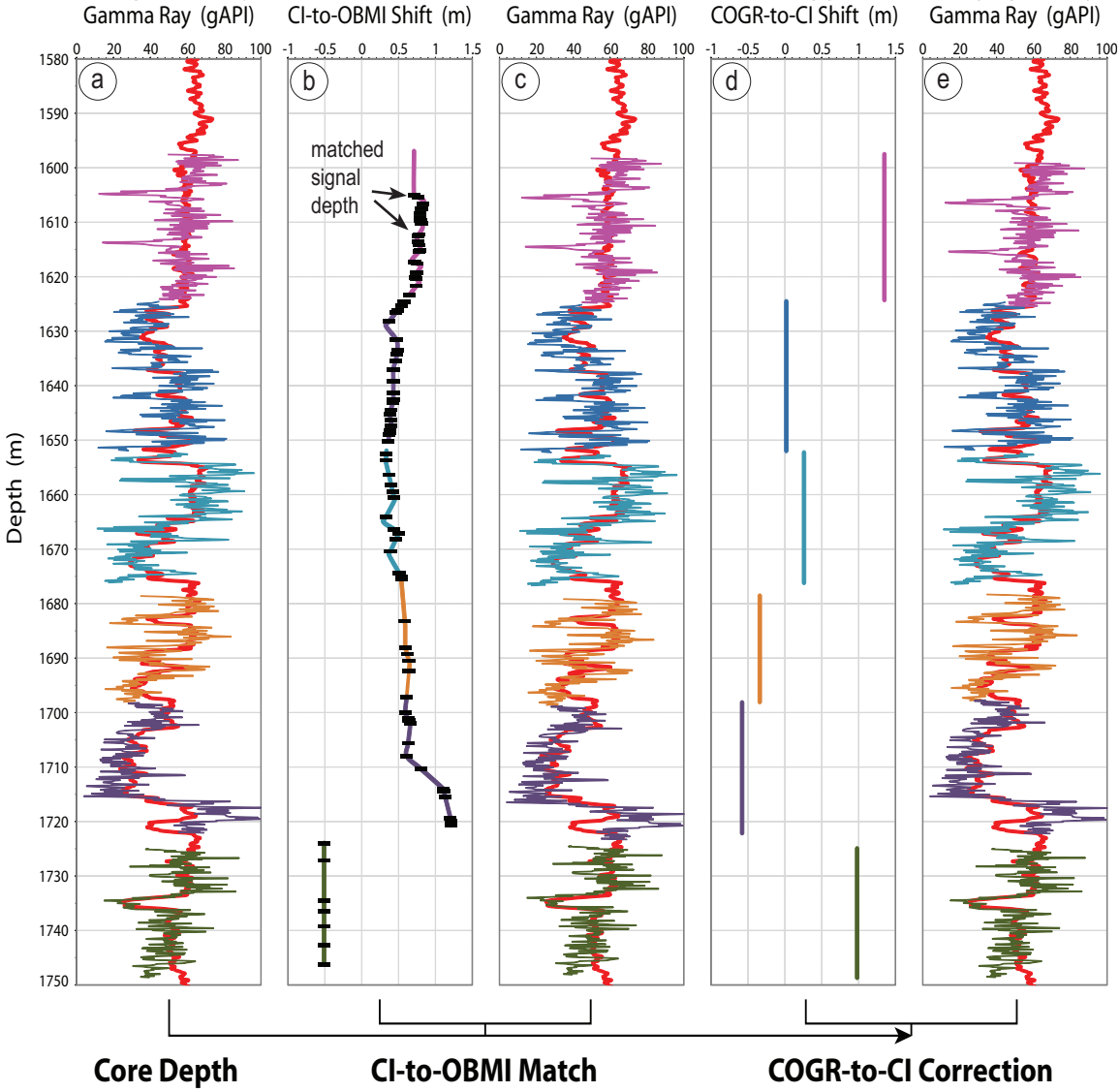


Figure A–5 (a) Natural gamma radiation from wireline log (HSGR; red) should be matched by core gamma ray (COGR; one colour per section) if the core is shifted into the correct logger's depth. However, (b) the shift of core images (CI) relative to borehole micro-resistivity images (OBMI) resulted in (c) minor mismatches between HSGR and COGR. (d) Matching the measured COGR log to the CI-modelled values (e) led to an improved COGR-to-HSGR relation (*e.g.* at 1720m). Example from Well B19.

A.2 Gas Shift

The wellsite gas logs from the mudlogging process were successfully shifted using a rather probabilistic matching to the total gas (TG) model from wireline log porosities (Chapter 7.1). Peak-matching between distorted measured molar gas concentrations and modelled logs was performed for the most probable matching pairs with the final mudlog shift resulting from linear interpolation in between (Figs. A–6 to A–9).

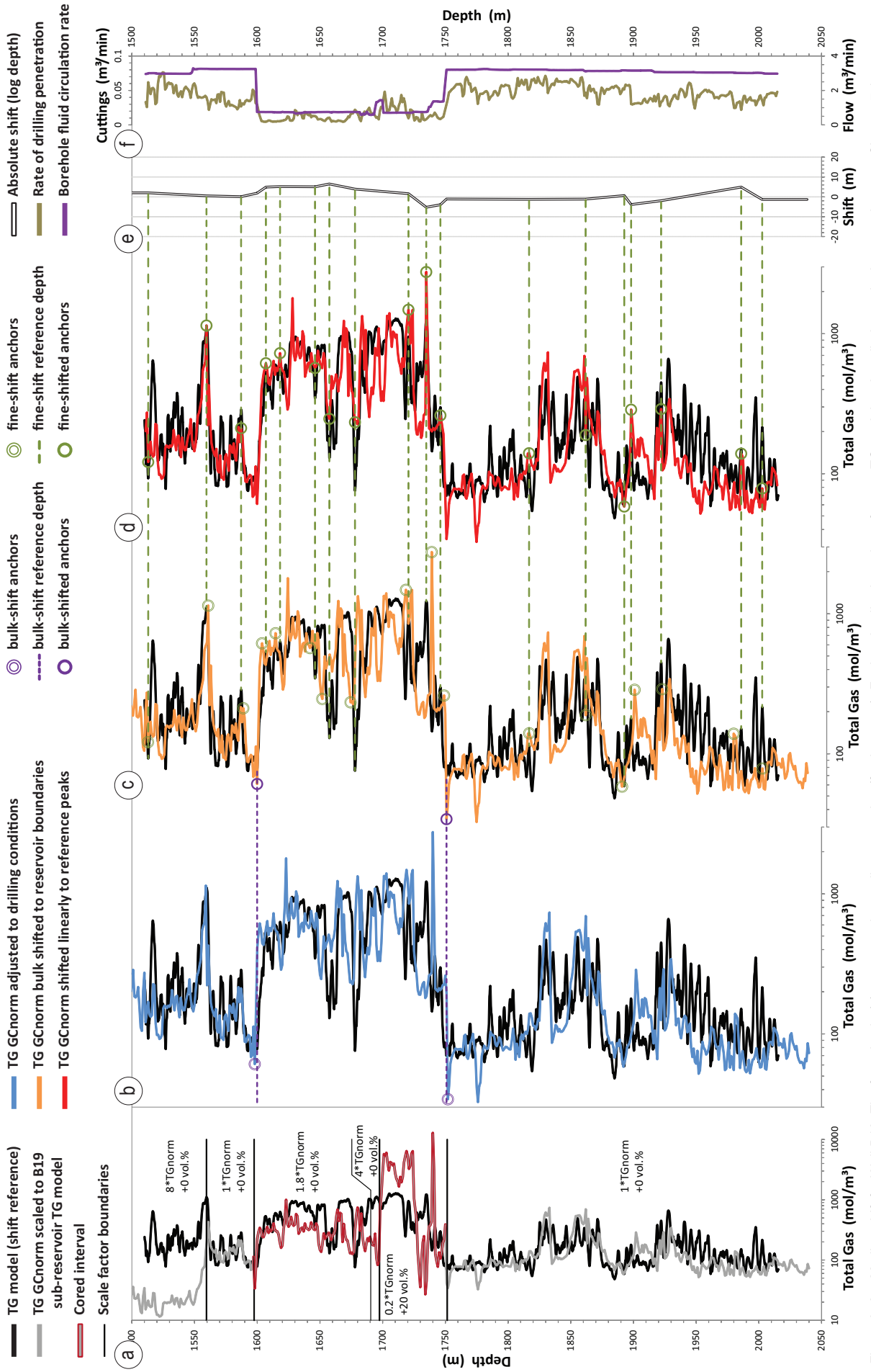


Figure A–6 Mudlog shift for Well B19. The formulae in (a) represent the mudlog correction (f_x + intercept). Further details about the reference TG model and applied magnitude corrections see Chapter 7.1.

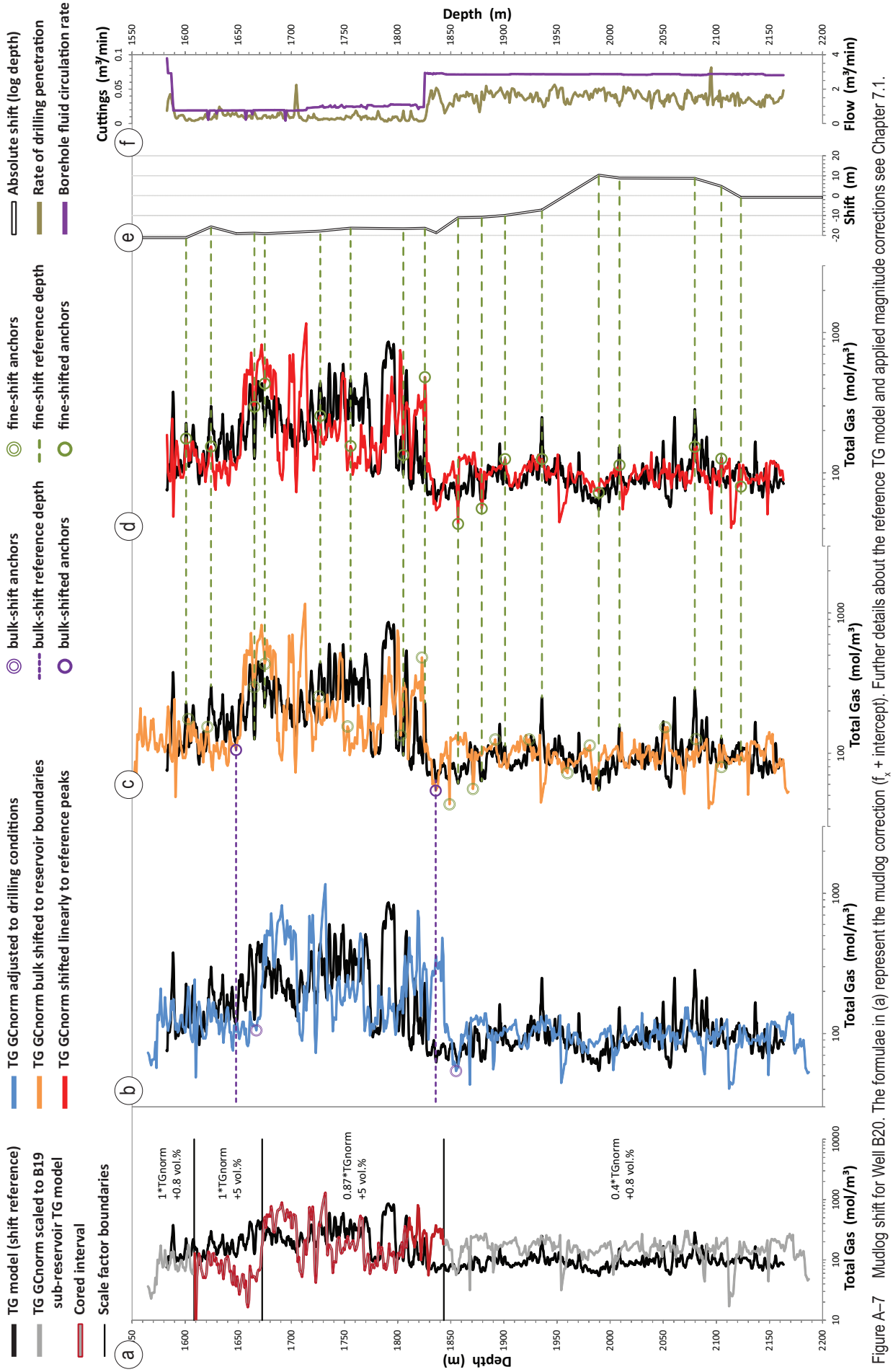


Figure A–7 Mudlog shift for Well B20. The formulae in (a) represent the mudlog correction (f_x + intercept). Further details about the reference TG model and applied magnitude corrections see Chapter 7.1.

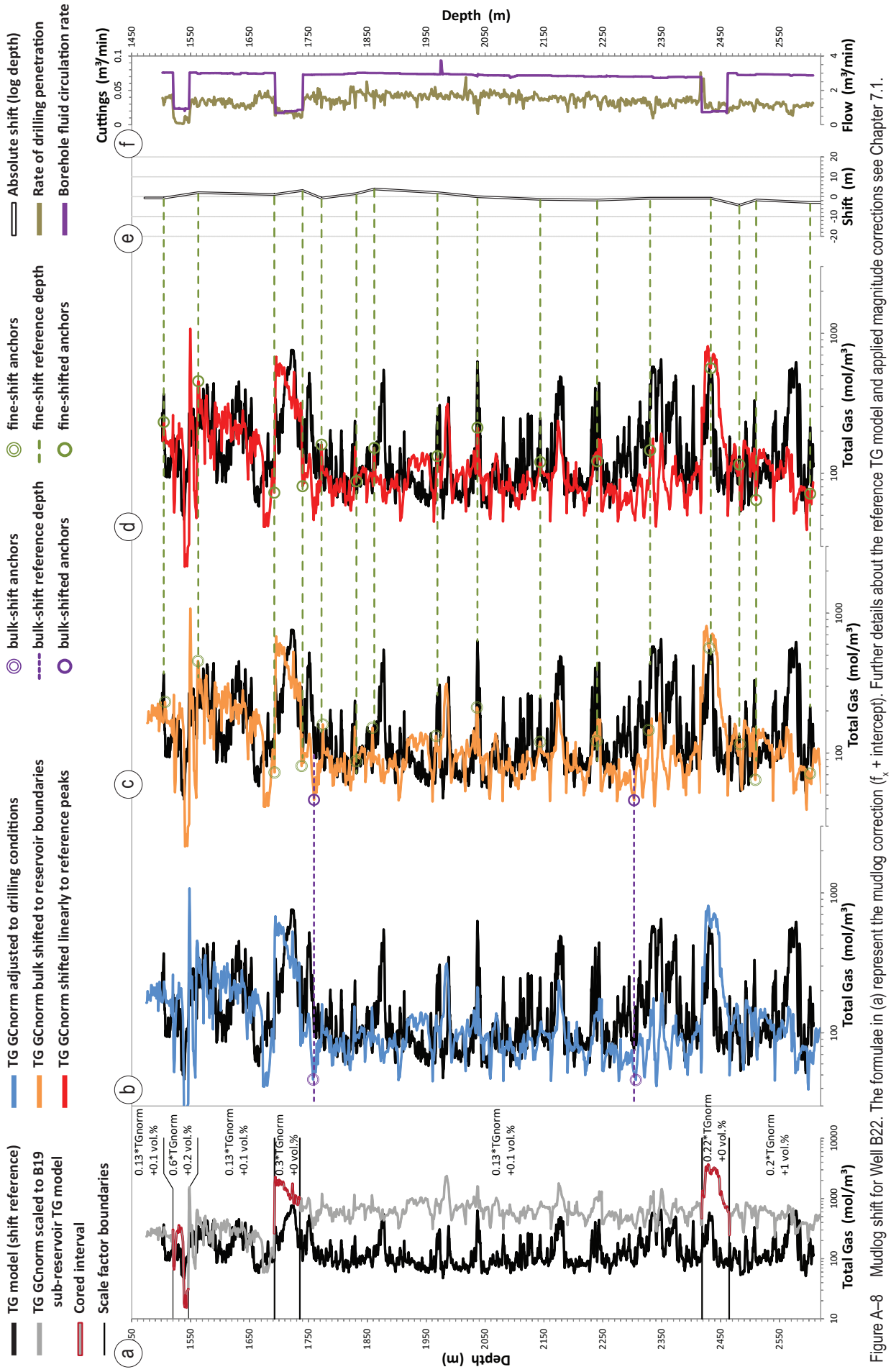


Figure A–8 Mudlog shift for Well B22. The formulae in (a) represent the mudlog correction (f_x + intercept). Further details about the reference TG model and applied magnitude corrections see Chapter 7.1.

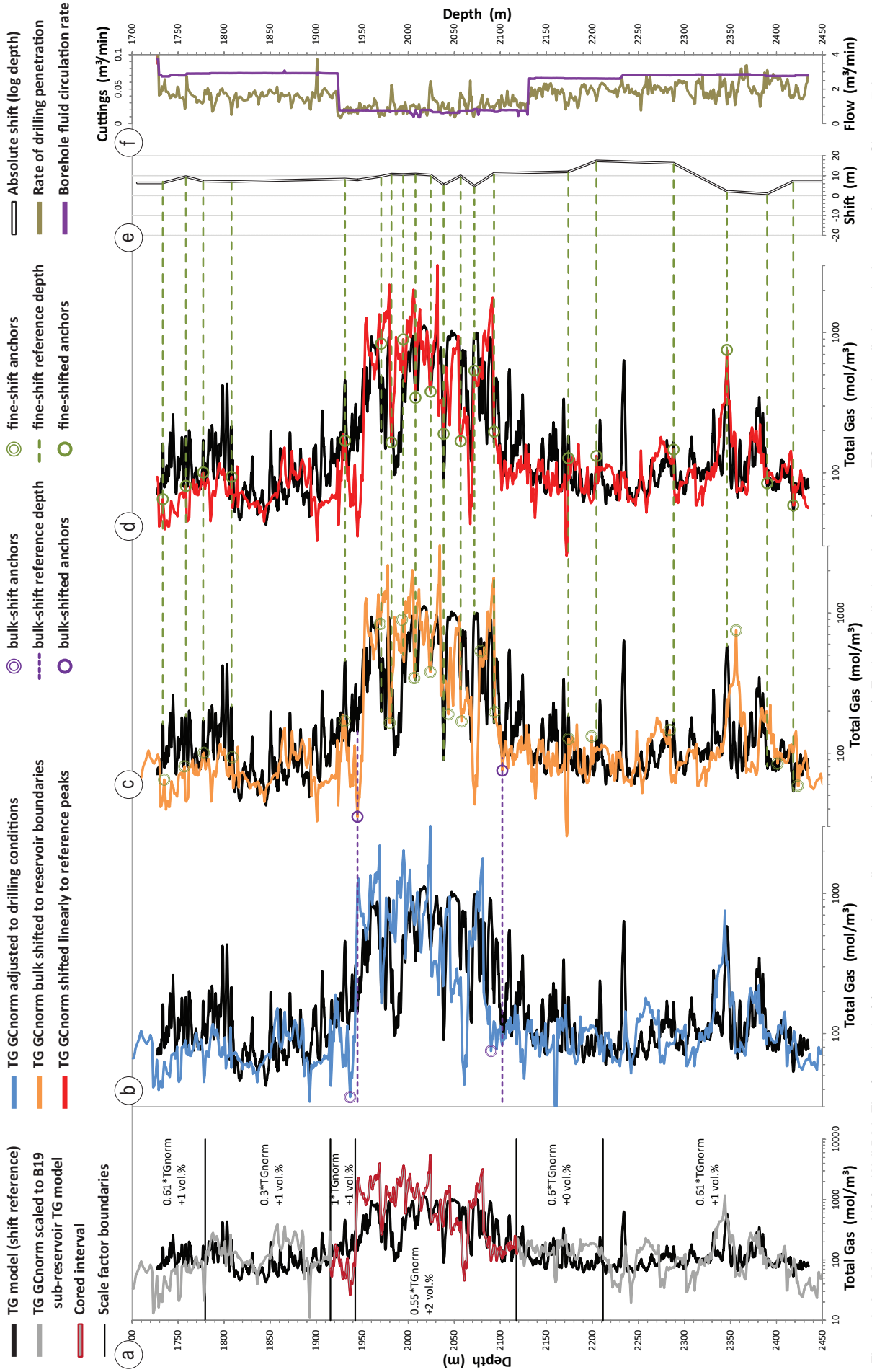


Figure A–9 Mudlog shift for Well B24. The formulae in (a) represent the mudlog correction (f_x + intercept). Further details about the reference TG model and applied magnitude corrections see Chapter 7.1.

A.3 Ties between seismic wave propagation and depth

The available seismic cube of the western Nile Delta Plio-/Pleistocene stratigraphy is referenced to the raw two-way travel time of compressional elastic waves (also known as P-waves: primary or pressure waves) that were shot and detected during the seismic surveys. Conversion of traveltime into logger's depth and *vice versa* is commonly performed using so called seismic check shots (also known as *borehole seismic* or *seismic well shots*) that are measured by "the time taken for a wave from a surface source to reach a downhole geophone anchored at a certain depth in the formation determined by the cable length" (Serra 1986, p.546).

Propagation velocity of seismic waves depends on density and elasticity of the medium (*e.g.* Milsom 2003), *i.e.* wave propagation becomes more efficient with increasing burial depth because clastic sediments lose porosity and gain stiffness during diagenesis. As sea water has a porosity of 100% the seismic wave propagation (or speed of sound) depends on pressure (or water depth; 1 m/s ~ 60 m), temperature (1 m/s ~ 0.25 °C), and salinity (1 m/s ~ 1 ‰; Mackenzie 1981, Wong & Zhu 1995).

A general survey on the checkshot quality was performed by comparison of the two-way travel time (TWT) that was measured at the sea bottom of each well location with a modelled TWT that is a function of measured water depth, average sea water column temperature (~14.9 °C from Poisson *et al.* 1981, and Mastalerz *et al.* 2007), and salinity (38.8 ‰ from Poisson *et al.* 1981) after the empirical equation of Mackenzie (1981). The modelled values are in good agreement mit the measurements (Fig. A–10).

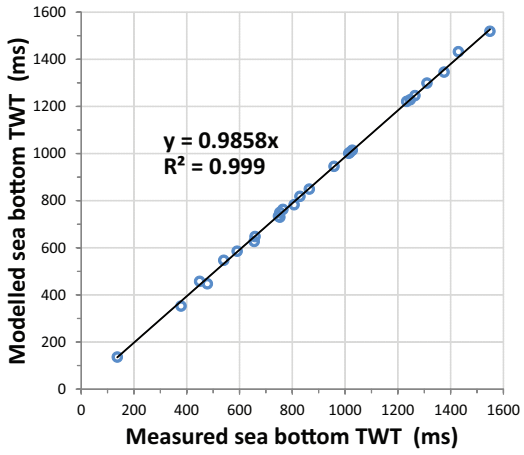


Figure A–10 Quality control on seismic sea bottom reflection (see text for details; boreholes undistinguished).

More general limitations to the accuracy of check shot information may be bias from reflection and noise effects from locally disturbed borehole walls, inclination of the well trajectory, or strong contrasts in the formation properties such as pressure compartmentalisations, tectonically induced compaction disequilibria, and phase contacts within the pore network (*e.g.* Serra 1986). However, as most of the Nile Delta wells are vertical to subvertical (max. 5° deviation; higher inclinations for B3 and B14) and burial rates were quite consistent during the Plio-/Pleistocene deposition (see Chapter 1) the burial depth *vs.* burial TWT can be approximated with power law-type regressions that have cor-

relation coefficients between 0.9993 and 1. TWT-to-depth relations with and without sea water column are plotted in Figure A–11.

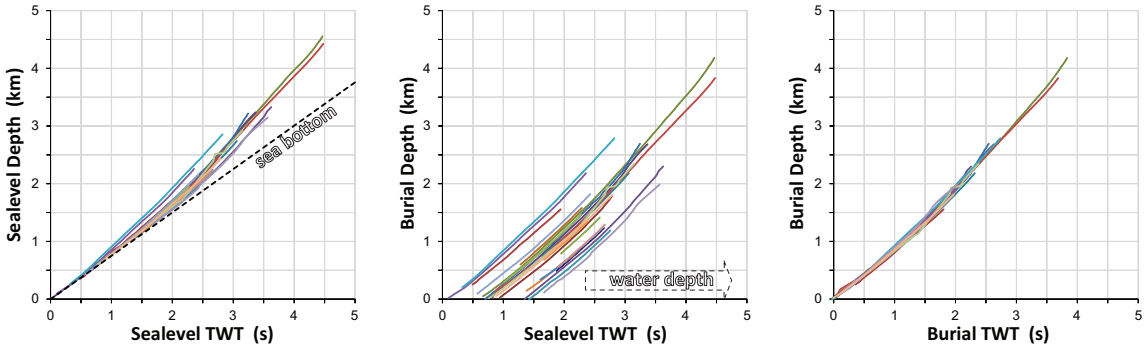


Figure A–11 Relationships between logger's depth and check shot two-way traveltime (TWT) referenced to sealevel and/or sea bottom (boreholes undistinguished but randomly colour-coded).

Given the restricted resolution of seismic data (~10m for the available Nile Delta cube) the accuracy of the quality control (Fig. A–10) and regressions obtained from Figure A–11c will suffice to seismic correlate marker horizons and accumulations with the information derived from conventional wireline logs (Part III) as well as the core lithofacies (Part II) and gas analytical results (Part I) that were synchronised with the logger's depth (Appendix A.1 and A.2).

Appendix B: Supplementary Material

This chapter contains information that has either secondary significance for the migration analysis (Appendix B.1) or illustrates previously mentioned workflows and interpretations that were unsuitable for incorporation into the main thesis body for volumetric reasons (Appendices B.2 and B.3).

B.1 Mudrock characterisation

In addition to the pore- and grain-size measurements (Chapter 4) that were used to calibrate the CI model (Chapter 5), laboratory experiments have been conducted to determine the grain density as well as carbon and sulphur content of the 92 provided core samples.

For general sample preparation, a minimum of 3 grams of sample fragments were ground with a mortar to achieve a resulting grain size of less than 500 µm, which was validated by sieving. 2.65 ± 0.15 g of each sample powder were isolated for grain density analysis, while the remaining 0.35 ± 0.15 g was saved for TOC, TC and TS measurements in separate vials.

Methodology: Grain density A subset of 7 powder samples at a time was isolated in density bottles of known weight, and then dried in the oven (at least 100°C) for about 24 hours (overnight). Before use, the density bottles were already oven dried and stored in a desiccator to prevent them from picking up moisture. Ground quartz (G_s = 2.65 ± 0.02 g/cm^3) was taken as a standard, completing each sample subset via an 8th density bottle.



Figure B–1 Bottled grain density sample.

After oven drying, the sample bearing bottles were gently cooled down within a desiccator and their weight noted. The rock powder then was wetted by up to half-filling and thoroughly swirling the bottles with deionised, air-drained water. Meanwhile appended air bubbles were removed by leaving the muddy samples for an hour in the vacuum desiccator. Then the bottles were filled to the very top with the treated water (Fig. B–1) and placed into a water bath at a temperature of exactly 25°C, which is common standard for density measurements. After at least 1 hour, the corresponding lids were put into the flasks, and after reassurance was gained that the lids' channels became flushed up to

the top and no air bubbles were trapped, the flasks were subsequently taken out of the bath, dried and weighed. Then the flasks were cleaned thoroughly and put into the oven (>100°C) to be ready for the next set of samples.

Finally, grain density G_S was calculated as a function of the measured weights and the known weight of each bottle filled with deionised water. The formula is as follows:

$$G_S\ [g/cm^3] = (m_{b+s} - m_b) / (m_{b+s} + m_{b+w} - m_b - m_{b+s+w}) \qquad \textit{(Ba)}$$

with mass weight *m* and the subscripts *b* for bottle, *s* for sample and *w* for water, respectively. The average deviation of the resulting grain densities from the quartz standard was 0.43%.

Methodology: Organic Carbon Approximately 0.1 ± 0.002 g of sample material, each in a porous crucible, was treated with a minimum of 1 mL 4.0 mol/L hydrochloric acid (in the well of a fume cupboard) to remove inorganic carbon (carbonates). After the acid has drained from the crucibles (4-8 hours) the sample array (similar to Fig. B–2a) was dried at 65°C for 16-24 hours.

Measurement of the residual organic carbon fraction was conducted by quantitative infrared detection of the carbon dioxide that was released during sample combustion in a stream of oxygen (Fig. B–2b). The utilised LECO CS244 CarbonSulphur Analyser has been calibrated prior to each batch (~ 30 samples) with a minimum of 5 standard steel rings of certified carbon content. A scoopful of both iron chips (Sci-Lab part no. SL266) and tungsten (SciLab part no. AR077) served as accelerators for the sample combustion process (see loaded crucibles in Fig. B–2a). To prevent contamination of the samples, the crucible tray was covered with aluminium foil until the samples were analysed.



Figure B–2 (a) TOC samples with metal accelerator prior to measurement and (b) glowing crucible after combustion.

One out of 10 samples was measured twice, with the result that an average deviation of 1.42% validates the repeatability of the method. The average deviation from the stand-

ard was 2.18%, and measurement of blank crucibles met the detection limit of 0.02%.

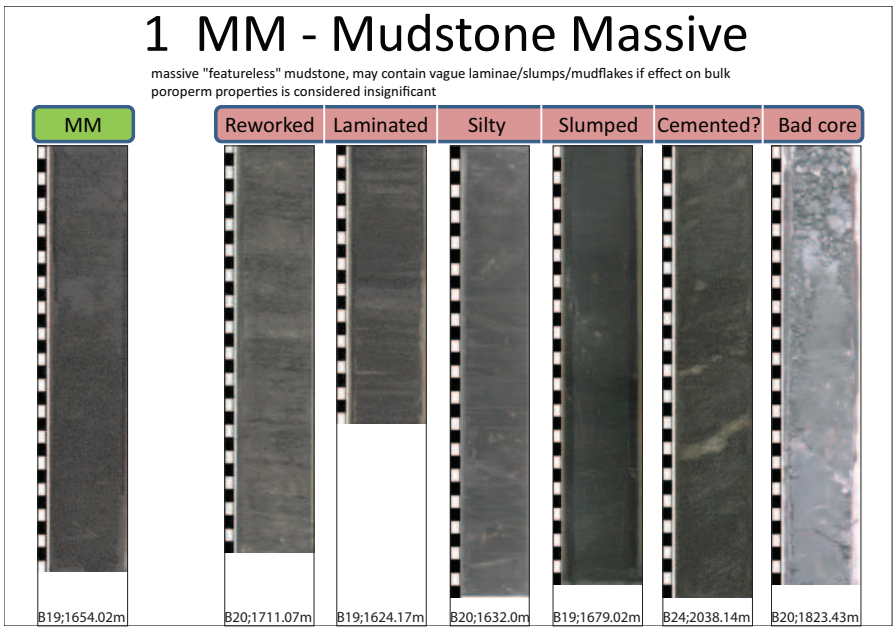
Methodology: Total Carbon and Sulphur The analysis of total carbon (TC) and total sulphur (TS) follows a methodology which is similar to the TOC analysis as described above. The only difference is in sample treatment prior to combustion: carbonates are being preserved by dismissing the treatment with hydrochloric acid, and accordingly non-porous crucibles may be utilised.

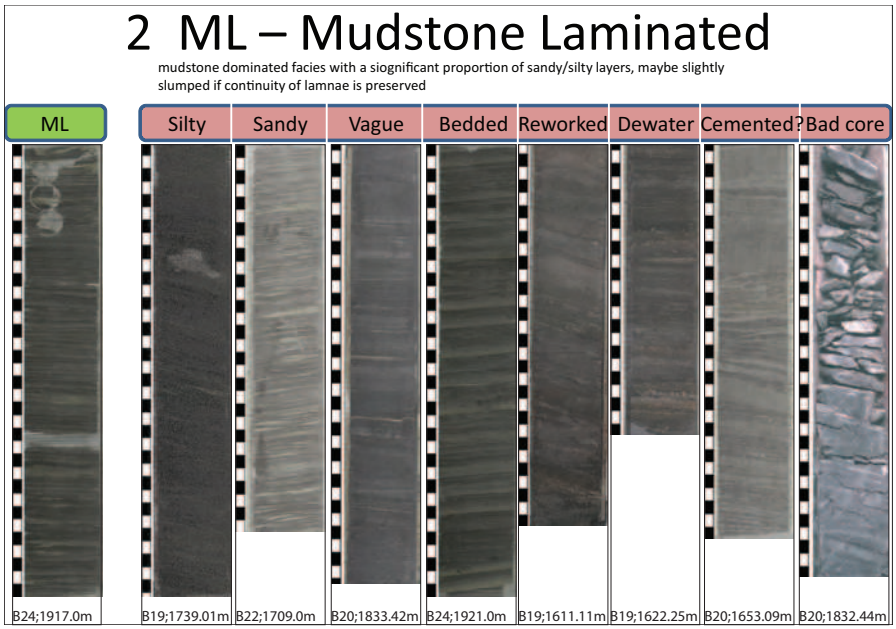
Mean deviation of the measured standards is 0.27% for TC and 0.38% for TS, respectively, and blank crucibles showed values below detection limit. Substraction of TOC from TC gives the percentage of total inorganic carbon (TIC) for each sample.

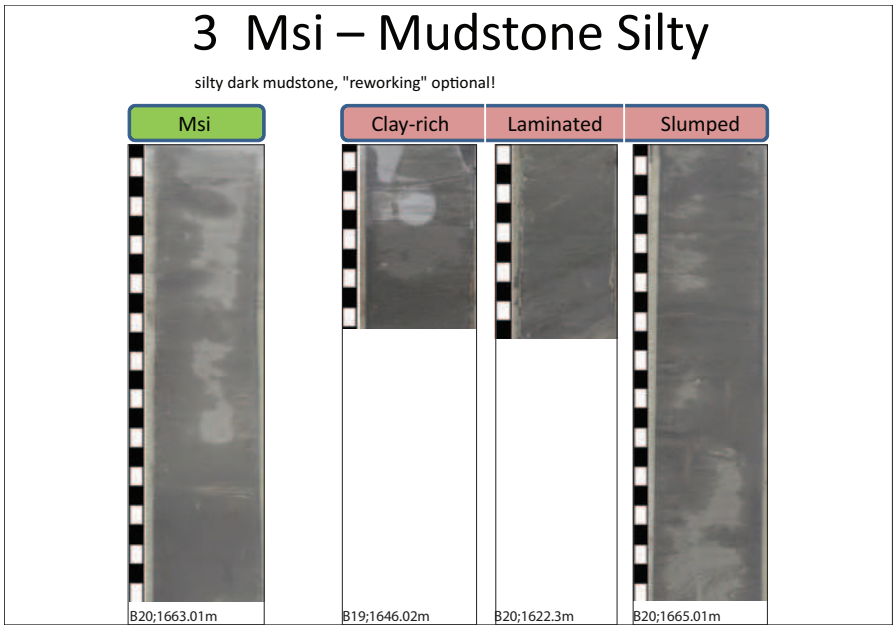
Complete Mudrock Database The results from the laboratory analysis of the 92 mudrock core samples have been summarised in Appendix C.

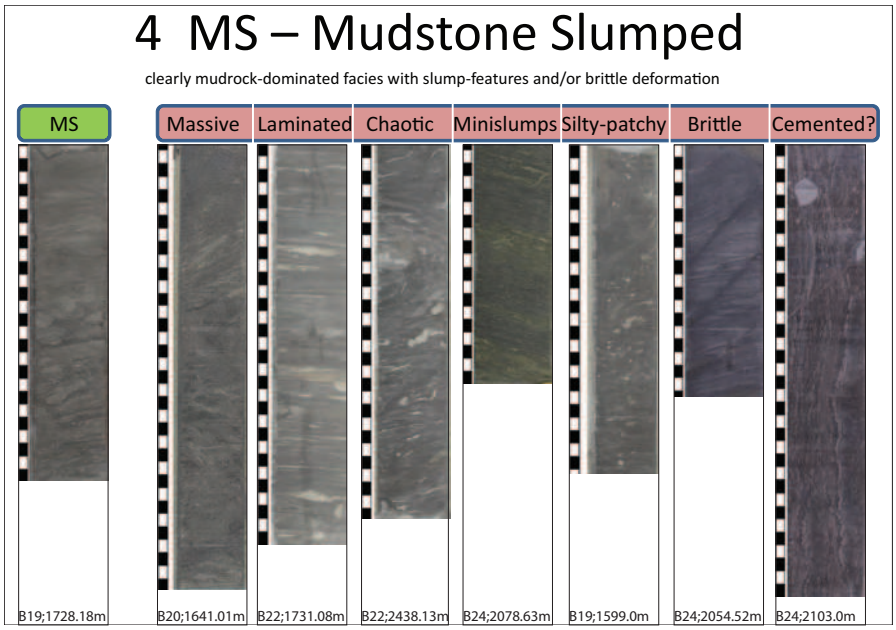
B.2 Borderline decisions in lithofacies interpretation

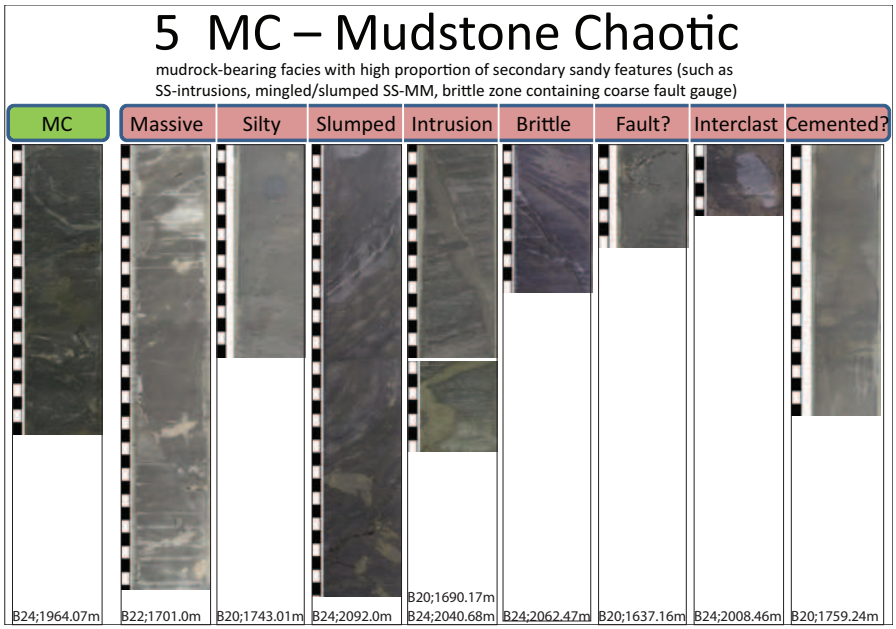
Variances in the original lithofacies typology from Chapter 5 (Figure 5–3) are illustrated in the following pages. The arrangement of core photographs show model examples next to selected borderline cases that are representative for the priority wells B19, B20, B22, and B24 (see Figs. 1–3 and 1–4a for geographical locations). Marginal scale bars (black and white block alternations) are on the order of 2cm per unit. Photographs represent raw (original) BP data prior to digital removal of artificial artefacts. Well provenance and top original (un-shifted) core depth (from Kelly Bushing) are indicated below each sample.

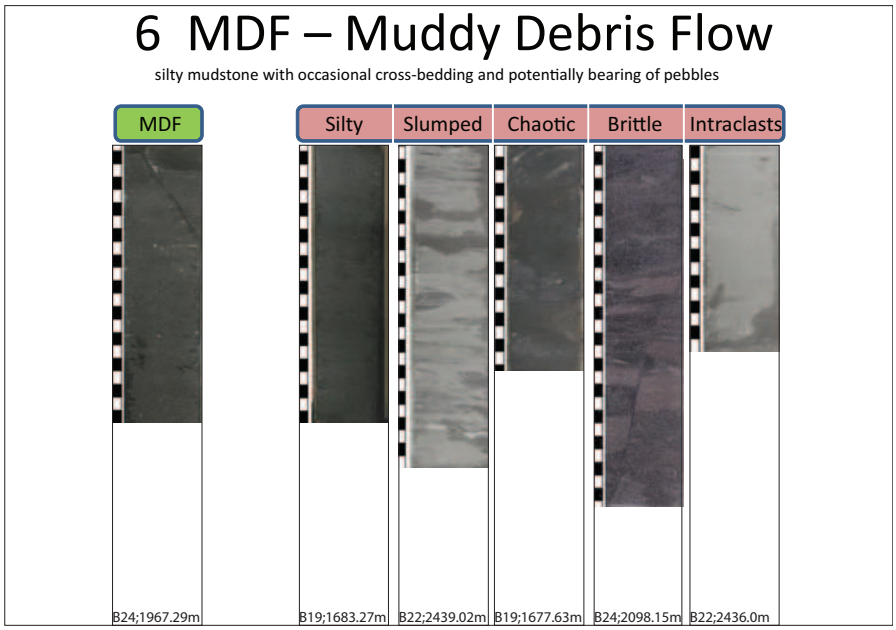


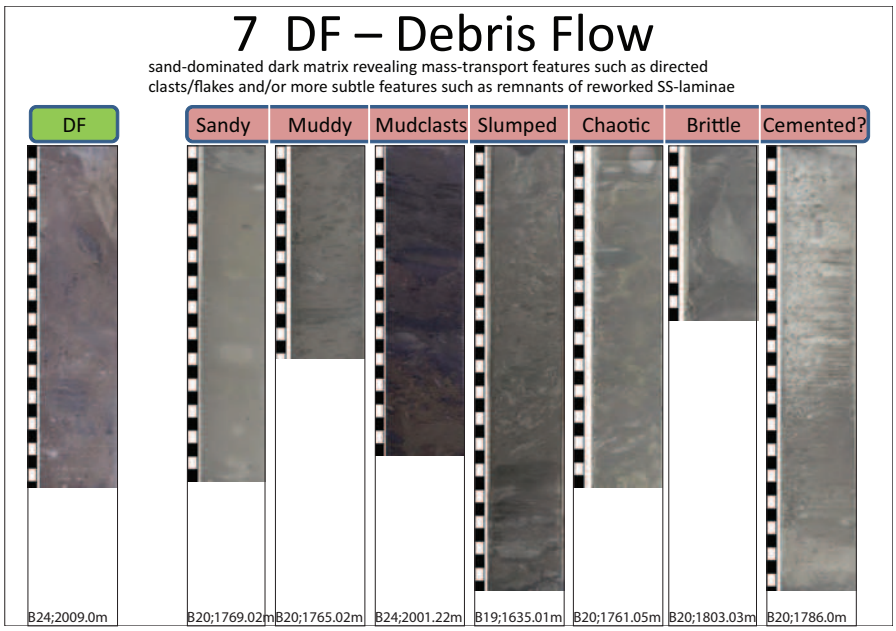

2 ML – Mudstone Laminated
mudstone dominated facies with a siognificant proportion of sandy/silty layers, maybe slightly slumped if continuity of lamnae is preserved
ML
Silty
Sandy
Vague
Bedded
Reworked
Dewater
Cemented?
Bad core
B24;1917.0m
B19;1739.01m
B22;1709.0m
B20;1833.42m
B24;1921.0m
B19;1611.11m
B19;1622.25m
B20;1653.09m
B20;1832.44m

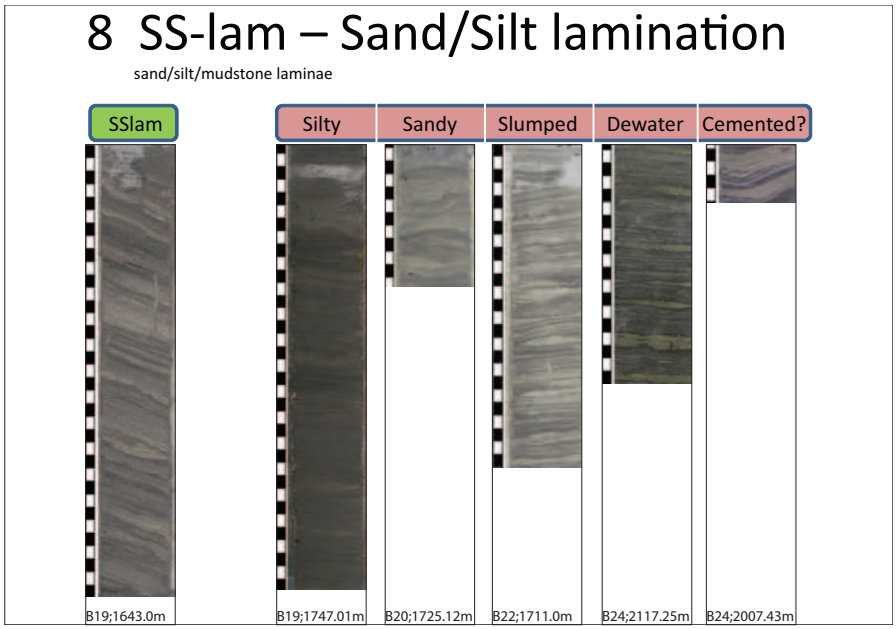

3 Msi – Mudstone Silty
silty dark mudstone, "reworking" optional!
Msi
Clay-rich
Laminated
Slumped
B20;1663.01m
B19;1646.02m
B20;1622.3m
B20;1665.01m

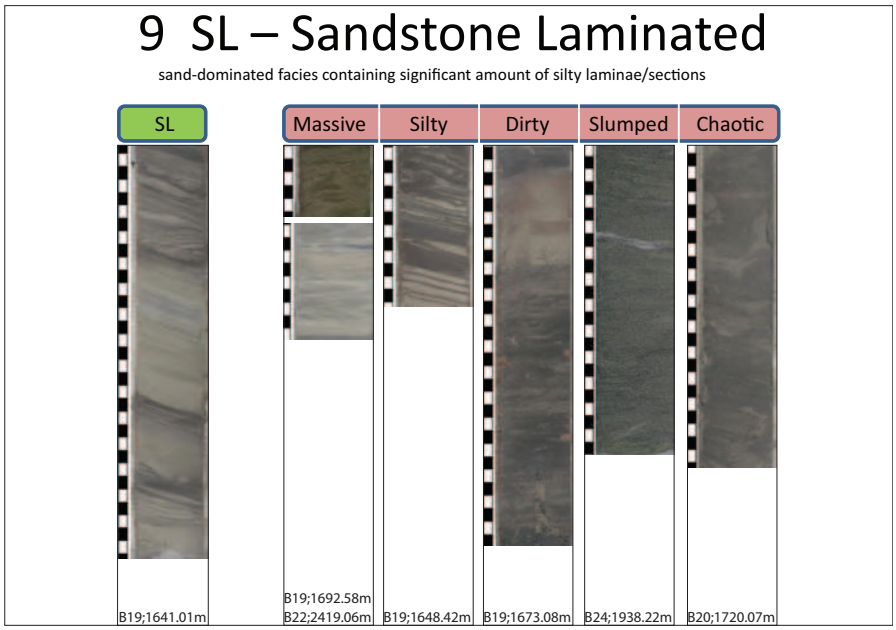

4 MS – Mudstone Slumped
clearly mudrock-dominated facies with slump-features and/or brittle deformation
MS
Massive
Laminated
Chaotic
Minislumps
Silty-patchy
Brittle
Cemented?
B19;1728.18m
B20;1641.01m
B22;1731.08m
B22;2438.13m
B24;2078.63m
B19;1599.0m
B24;2054.52m
B24;2103.0m

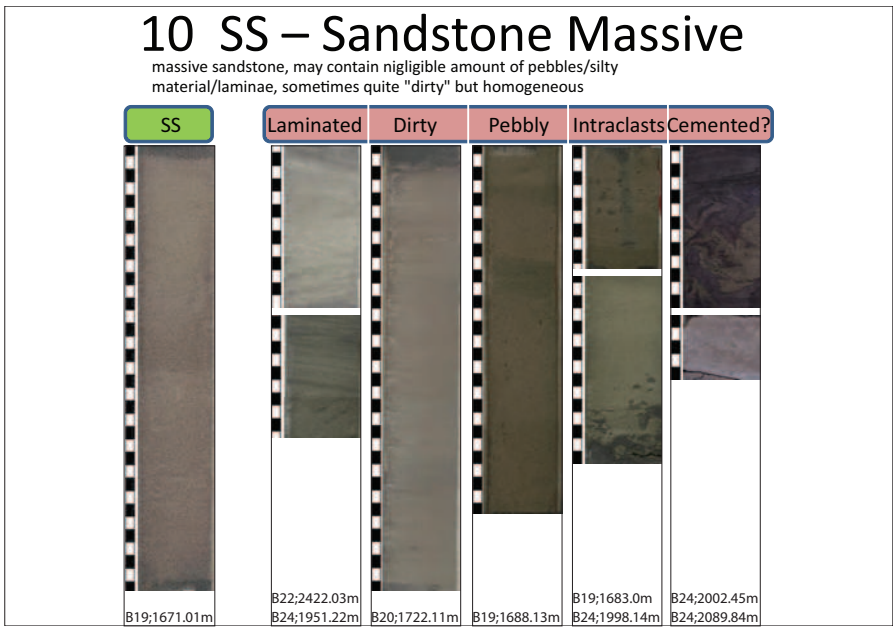

5 MC – Mudstone Chaotic
mudrock-bearing facies with high proportion of secondary sandy features (such as SS-intrusions, mingled/slumped SS-MM, brittle zone containing coarse fault gauge)
MC
Massive
Silty
Slumped
Intrusion
Brittle
Fault?
Interclast
Cemented?
B24;1964.07m
B22;1701.0m
B20;1743.01m
B24;2092.0m
B20;1690.17m
B24;2040.68m
B24;2062.47m
B20;1637.16m
B24;2008.46m
B20;1759.24m

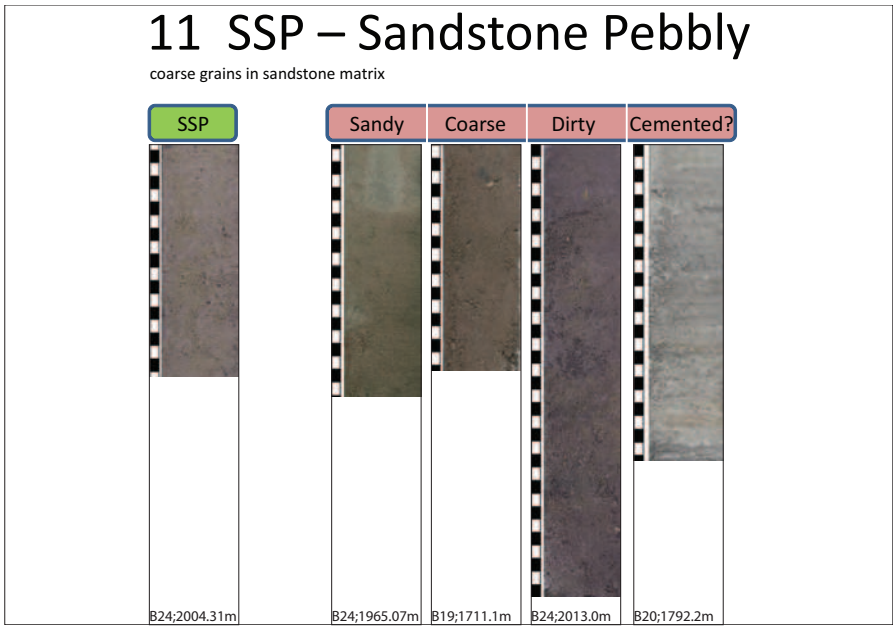

6 MDF – Muddy Debris Flow
silty mudstone with occasional cross-bedding and potentially bearing of pebbles
MDF
Silty
Slumped
Chaotic
Brittle
Intraclasts
B24;1967.29m
B19;1683.27m
B22;2439.02m
B19;1677.63m
B24;2098.15m
B22;2436.0m

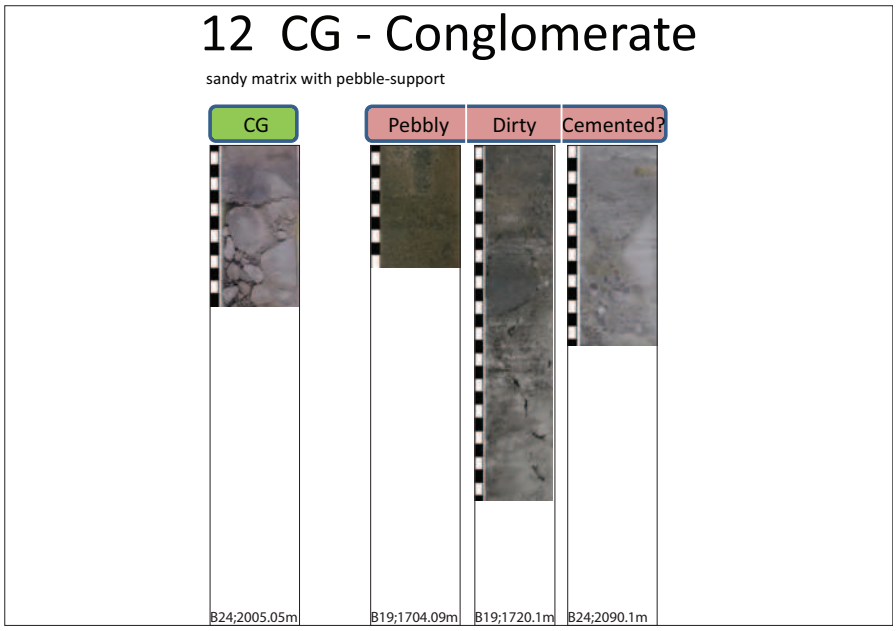

7 DF – Debris Flow
sand-dominated dark matrix revealing mass-transport features such as directed clasts/flakes and/or more subtle features such as remnants of reworked SS-laminae
DF
Sandy
Muddy
Mudclasts
Slumped
Chaotic
Brittle
Cemented?
B24;2009.0m
B20;1769.02m
B20;1765.02m
B24;2001.22m
B19;1635.01m
B20;1761.05m
B20;1803.03m
B20;1786.0m

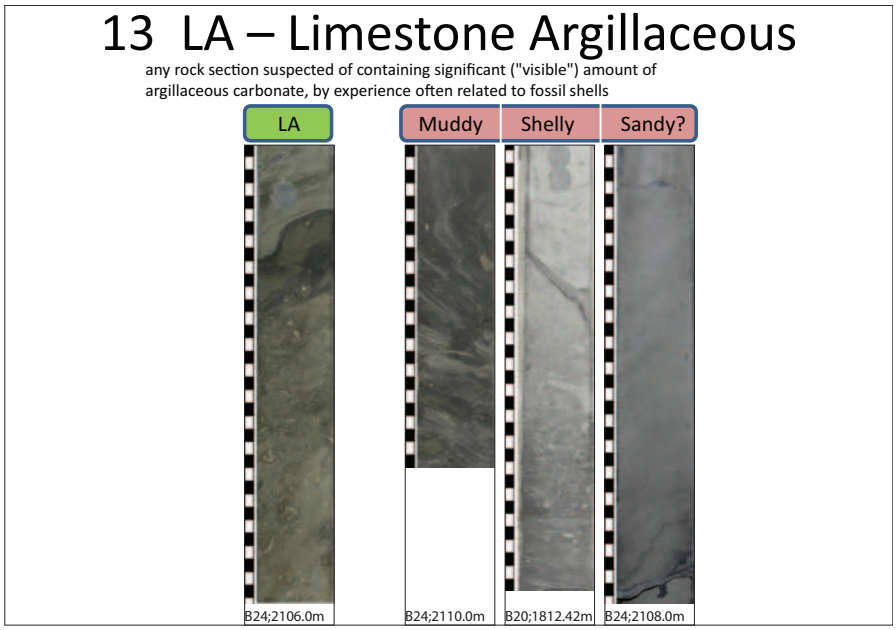

8 SS-lam – Sand/Silt lamination
sand/silt/mudstone laminae
SSlam
Silty
Sandy
Slumped
Dewater
Cemented?
B19;1643.0m
B19;1747.01m
B20;1725.12m
B22;1711.0m
B24;2117.25m
B24;2007.43m


9 SL – Sandstone Laminated
sand-dominated facies containing significant amount of silty laminae/sections
SL
Massive
Silty
Dirty
Slumped
Chaotic
B19;1641.01m
B19;1692.58m
B22;2419.06m
B19;1648.42m
B19;1673.08m
B24;1938.22m
B20;1720.07m


10 SS – Sandstone Massive
massive sandstone, may contain nigligible amount of pebbles/silty material/laminae, sometimes quite "dirty" but homogeneous
SS
Laminated
Dirty
Pebbly
Intraclasts
Cemented?
B19;1671.01m
B22;2422.03m
B24;1951.22m
B20;1722.11m
B19;1688.13m
B19;1683.0m
B24;1998.14m
B24;2002.45m
B24;2089.84m


11 SSP – Sandstone Pebbly
coarse grains in sandstone matrix
SSP
Sandy
Coarse
Dirty
Cemented?
B24;2004.31m
B24;1965.07m
B19;1711.1m
B24;2013.0m
B20;1792.2m

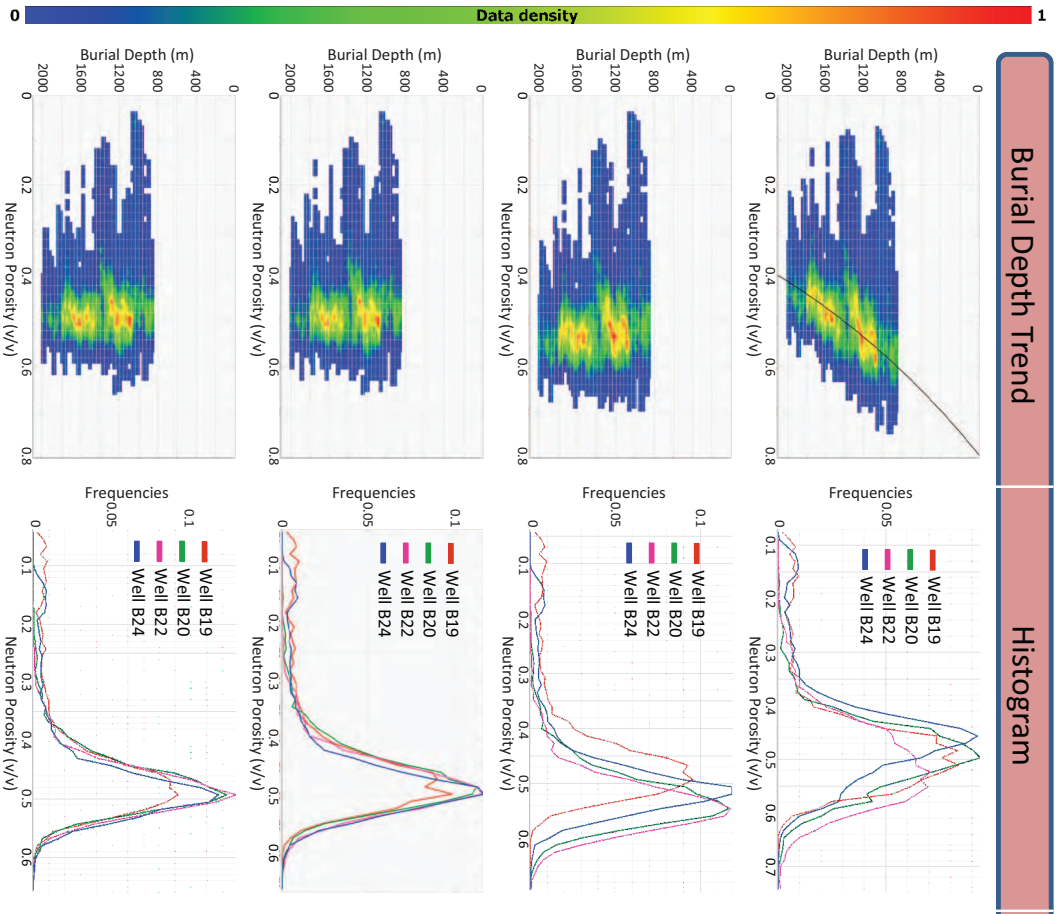

12 CG - Conglomerate
sandy matrix with pebble-support
CG
Pebbly
Dirty
Cemented?
B24;2005.05m
B19;1704.09m
B19;1720.1m
B24;2090.1m


13 LA – Limestone Argillaceous
any rock section suspected of containing significant ("visible") amount of
argillaceous carbonate, by experience often related to fossil shells
LA
Muddy
Shelly
Sandy?
B24;2106.0m
B24;2110.0m
B20;1812.42m
B24;2108.0m

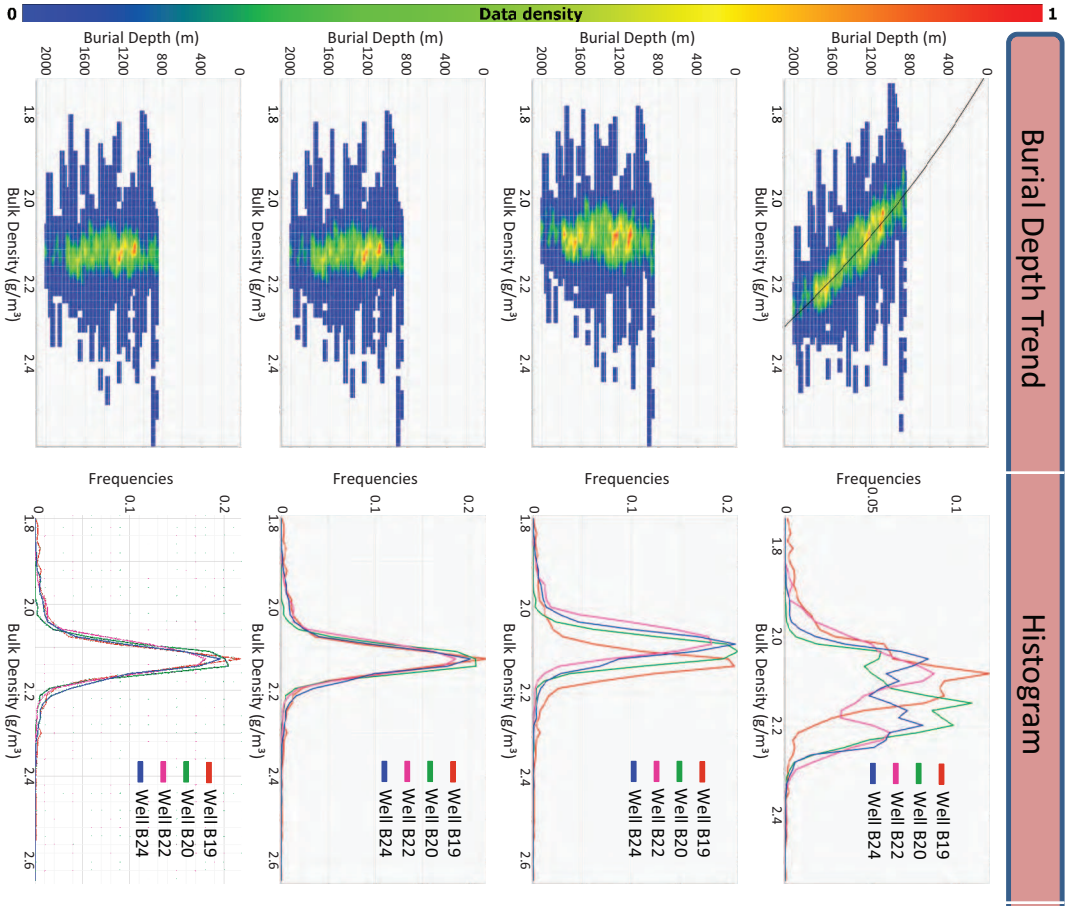
B.3 Wireline log harmonisation

Details of the depth detrending and harmonisation procedure described in Chapter 5.3 are illustrated for each conventional log type in the following flow diagrams.

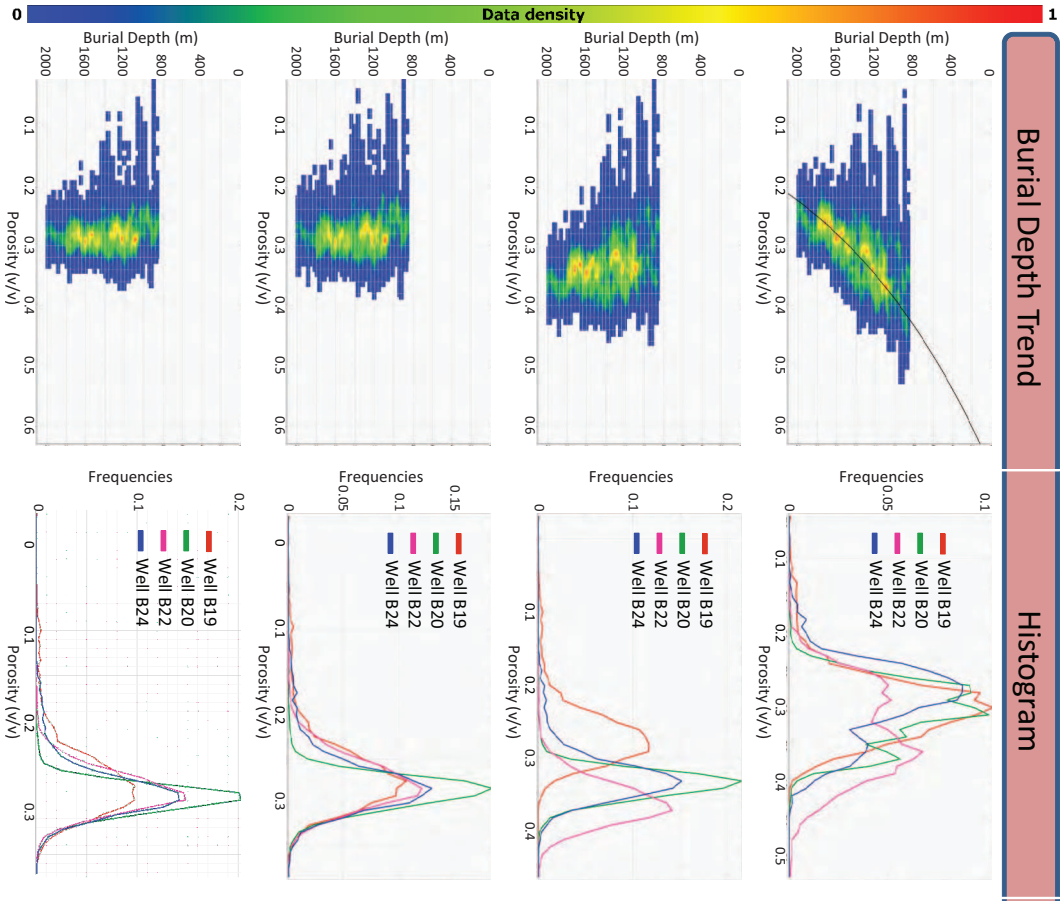
Neutron Porosity (v/v)



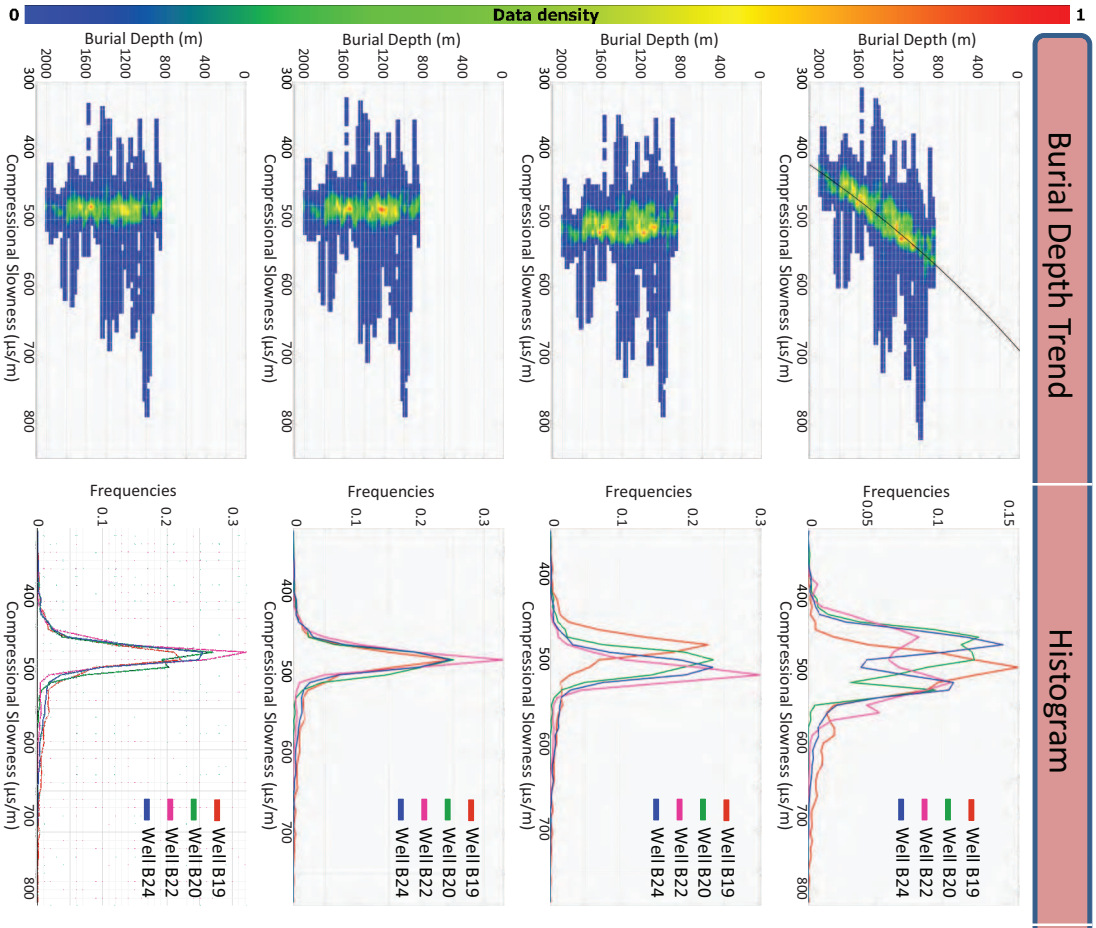
Bulk Density (g/cm³)



Porosity (v/v)

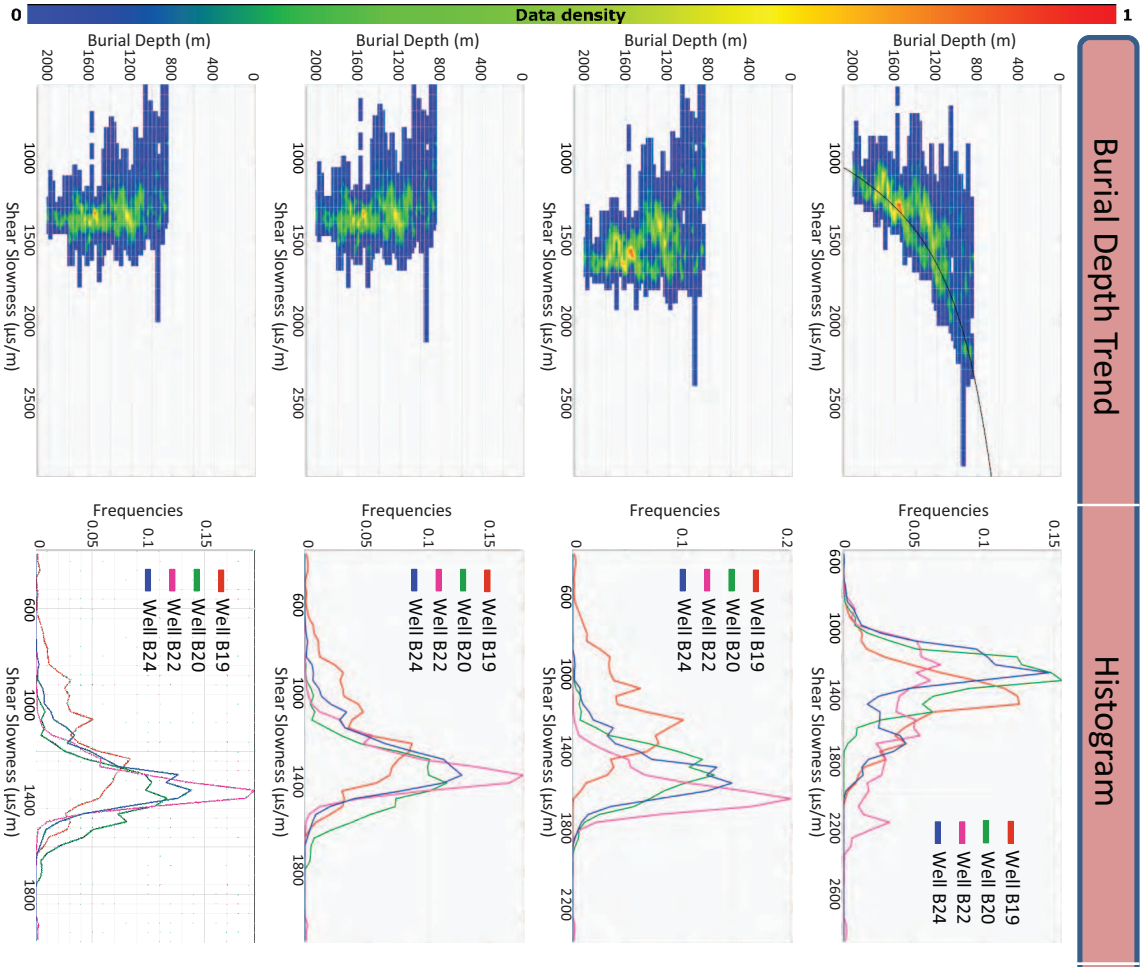

Data density
0
1
Burial Depth Trend
Histogram
Action Taken
Burial Depth (m)
Porosity (v/v)
Frequencies
Well B19
Well B20
Well B22
Well B24
Global depth trend regression
PHI_depth = EXP10((MDSB+720)/-4200)
Depth referencing (to z=1250m)
PHI_detrend = PHI - PHI_depth + PHI_ref(1250m)
Shift harmonisation (to Well B19)
PHI_harm(Well-X) = PHI_detrend(Well-X) + {mode[PHI_detrend(Well-B19)] − mode[PHI_detrend(Well-X)]}
Factor harmonisation (to Well B19)
PHI_harm(Well-X) = PHI_detrend(Well-X) * {mode[PHI_detrend(Well-B19)] / mode[PHI_detrend(Well-X)]}

Compressional Slowness (µs/m)



Shear Slowness (µs/m)

Depth detrending and harmonisation for shear slowness were conducted under preservation of the prevalent velocity ratio (see Chapter 5.3 for further details).



Global velocity ratio regression

$$DTSM_{depth} = 293.8*EXP(0.002936*DTCO_{depth}) + 0.007646*EXP(0.02035*DTCO_{depth})$$

Depth referencing (to z=1250m)

$$DTSM_{detrend} = DTSM - DTSM_{depth} + DTSM_{ref(1250m)}$$

Shift harmonisation (to Well B19)

$$mode[DTSM_{detrend}] = f\{mode[DTCO_{detrend}]\}$$

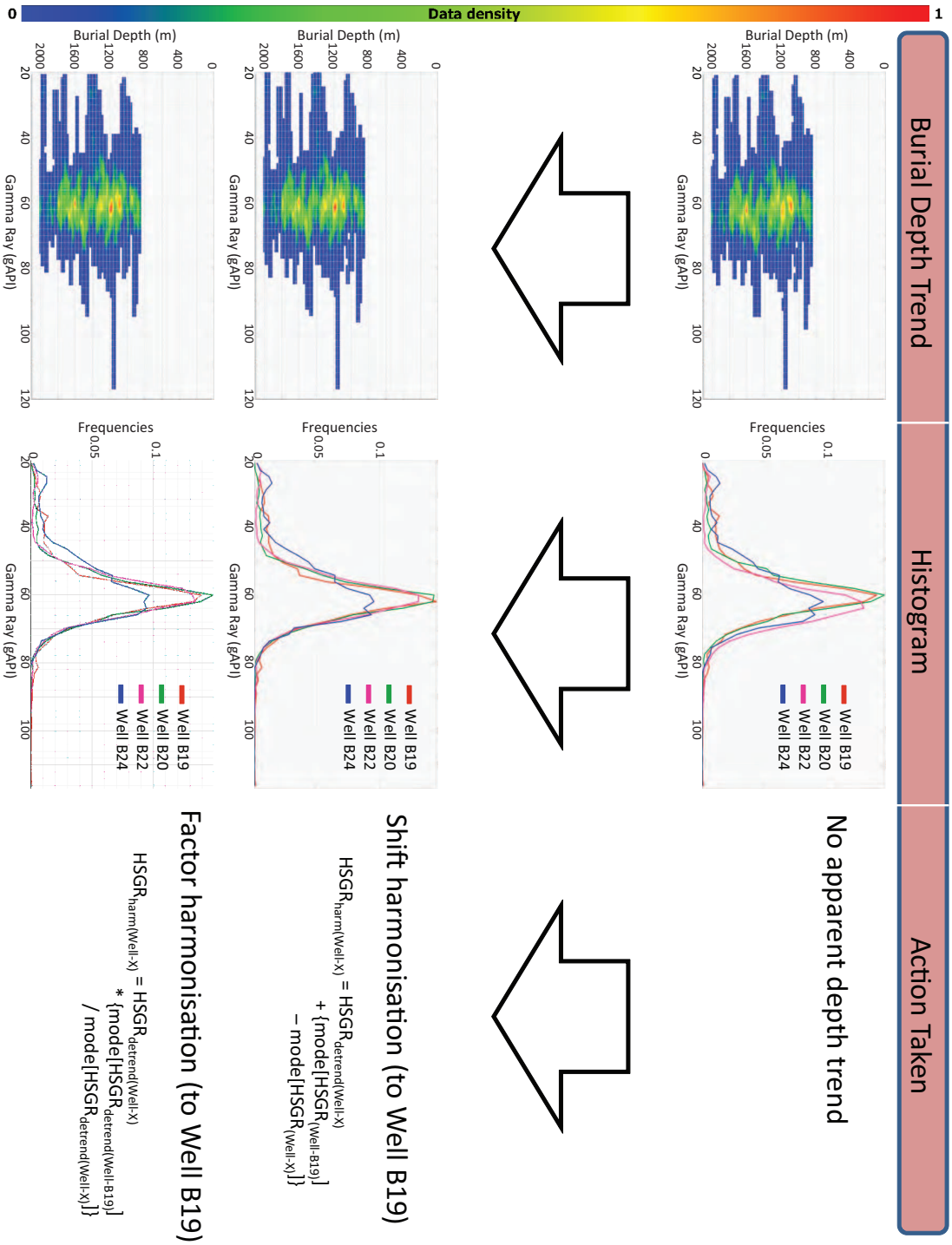
$$DTSM_{harm(Well\text{-}X)} = DTSM_{detrend(Well\text{-}X)} + \{mode[DTSM_{detrend(Well\text{-}B19)}] - mode[DTSM_{detrend(Well\text{-}X)}]\}$$

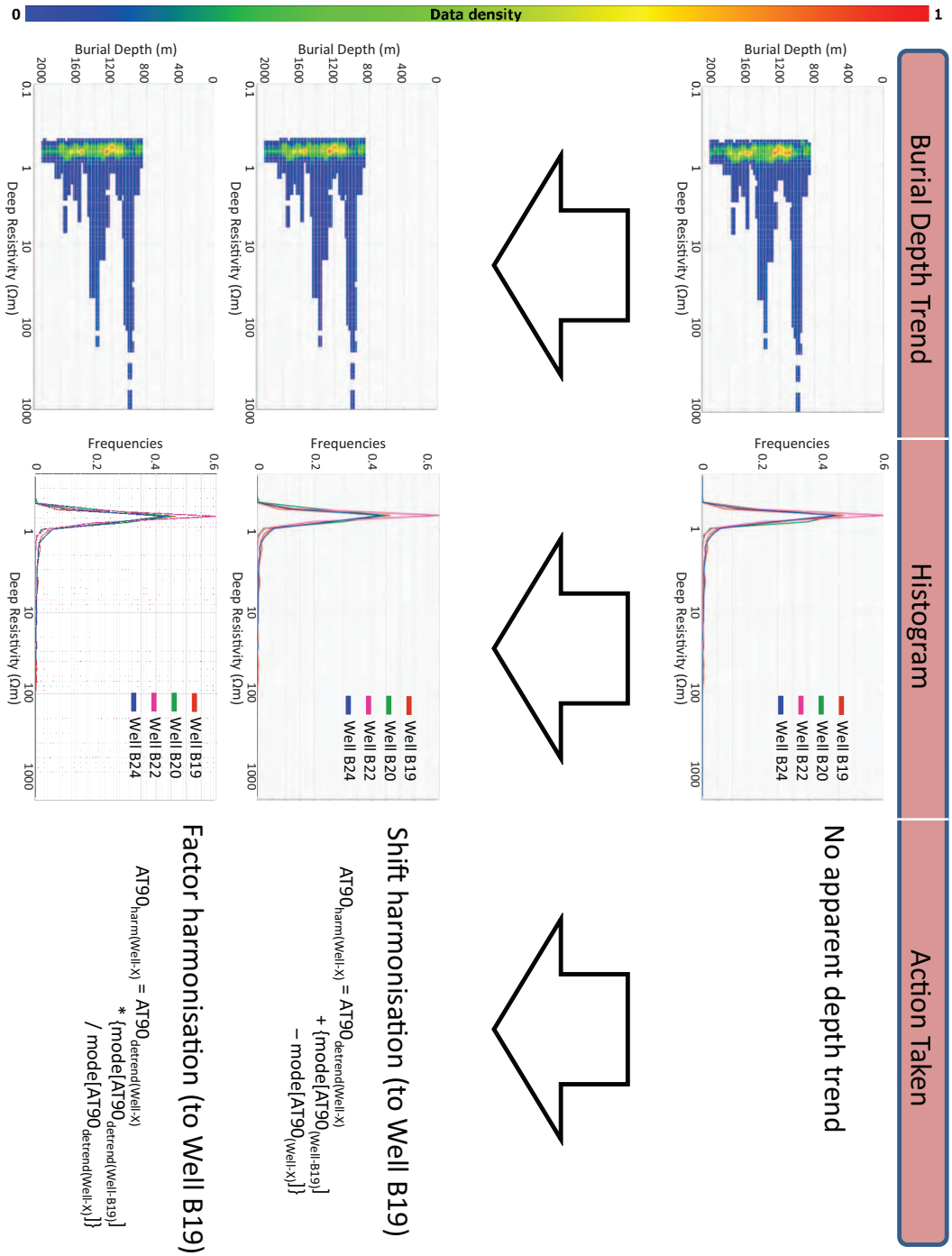
Factor harmonisation (to Well B19)

$$mode[DTSM_{detrend}] = f\{mode[DTCO_{detrend}]\}$$

$$DTSM_{harm(Well\text{-}X)} = DTSM_{detrend(Well\text{-}X)} * \{mode[DTSM_{detrend(Well\text{-}B19)}] / mode[DTSM_{detrend(Well\text{-}X)}]\}$$

Natural Gamma Radiation (gAPI)




Deep Resistivity (Ωm)
Data density
0
1
Burial Depth Trend
Histogram
Action Taken
Burial Depth (m)
Deep Resistivity (Ωm)
Frequencies
Well B19
Well B20
Well B22
Well B24
No apparent depth trend
Shift harmonisation (to Well B19)
AT90harm(Well-X) = AT90detrend(Well-X)
+ {mode[AT90(Well-B19)]
− mode[AT90(Well-X)]}
Factor harmonisation (to Well B19)
AT90harm(Well-X) = AT90detrend(Well-X)
* {mode[AT90detrend(Well-B19)]
/ mode[AT90detrend(Well-X)]}

Appendix C: Databases

Relevant data that have been provided/produced during this PhD study and that were kindly declassified by the BP Group for publication are listed in a separate pdf-file.

Data types, associated thesis parts and boreholes are outlined in the following bookmark tree.

- Part I - Gas in a Sediment Cube 2
  - Gas Data: Isotube out 2
  - Gas Data: MDT 8
- Part II - Lithological Context 9
  - Mudrock Database 9
  - CI Data & Core Facies 11
    - Well B19 11
    - Well B20 281
    - Well B22 668
    - Well B24 795
  - Wireline Log Signals & Facies 1130
    - Well B19 1130
    - Well B20 1188
    - Well B22 1225
    - Well B24 1281
    - Wireline Facies Propagation Report 1316
- Part III - Detecting a Free Gas Phase 1319
  - Mudlog Data 1319
    - Well B19 1319
    - Well B20 1330
    - Well B22 1346
    - Well B24 1366
  - Saturation Model 1382
    - Well B19 1382
    - Well B20 1424
    - Well B22 1488
    - Well B24 1584

Controls on Natural Gas Migration in the Western Nile Delta Fan

Appendix C – Databases

Ulf Böker

Submitted in fulfilment for the degree of Doctor of Philosophy
in the Faculty of Science

School of
Civil Engineering and Geosciences
Newcastle University



June 2011

Appendix C: Databases

This file is supplement to the main thesis body. It contains relevant data that have been provided/produced during this PhD study and that were kindly declassified by the BP Group for publication are listed in a separate pdf-file.

Data types, associated thesis parts and boreholes are outlined in the following bookmark tree. It is recommended to use the Adobe Reader bookmark panel for navigation between the listed data types.

- Part I - Gas in a Sediment Cube 2
  - Gas Data: Isotube out 2
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    - Well B19 1130
    - Well B20 1188
    - Well B22 1225
    - Well B24 1281
    - Wireline Facies Propagation Report 1316
- Part III - Detecting a Free Gas Phase 1319
  - Mudlog Data 1319
    - Well B19 1319
    - Well B20 1330
    - Well B22 1346
    - Well B24 1366
  - Saturation Model 1382
    - Well B19 1382
    - Well B20 1424
    - Well B22 1488
    - Well B24 1584

Western Nile Delta (Pliocene): Bulk isotube (out) gas dataset

Well ID	Sample Type	Seismic Reflector	Burial Depth_unshifted	Burial Depth	FTEMP	C1	C2	C3	nC4	iC4	nC5	iC5	C6+	$\delta^{13}C1$	$\delta^{13}C2$	$\delta^{13}C3$	$\delta^{13}Cn4$	$\delta^{13}Ci4$	δD1
unitless	unitless	unitless	m	m	°C	ppmv	ppmv	ppmv	ppmv	ppmv	ppmv	ppmv	ppmv	‰	‰	‰	‰	‰	‰
B14	Isotech	no	730		38.3	8220	6	1	0	0	0	0	1	-66.5					
B14	Isotech	no	780		40	6200	4	0	0	0	0	0	0						
B14	Isotech	no	830		41.7	3350	4	0	0	0	0	0	0						
B14	Isotech	no	880		43.4	32	0	0	0	0	0	0	0						
B14	Isotech	no	915		44.6	7010	16	2	0	1	0	0	1	-65.5					
B14	Isotech	no	930		45.1	4400	8	1	0	0	0	0	0						
B14	Isotech	no	980		46.8	4340	9	1	0	0	0	0	0						
B14	Isotech	no	1030		48.5	4880	12	1	0	0	0	0	0						
B14	Isotech	no	1080		50.1	5170	16	1	0	1	0	0	1						
B14	Isotech	no	1130		51.8	6950	27	2	0	1	0	0	1	-63.1					
B14	Isotech	no	1180		53.5	7590	34	2	0	1	0	0	1						
B14	Isotech	no	1190		53.8	8620	41	2	0	1	0	0	2						
B14	Isotech	no	1200		54.2	9180	46	2	0	1	0	0	2						
B14	Isotech	no	1210		54.5	12100	66	4	1	2	0	0	2						
B14	Isotech	no	1220		54.9	11900	70	5	0	2	0	1	2						
B14	Isotech	no	1230		55.2	16900	103	11	2	3	0	1	3						
B14	Isotech	no	1240		55.5	14200	100	13	2	4	0	1	2						
B14	Isotech	no	1250		55.9	25000	161	21	3	6	1	2	2	-62.1	-30.1				
B14	Isotech	no	1260		56.2	880	7	1	0	0	0	0	1						
B14	Isotech	no	1270		56.5	5890	50	6	1	2	0	1	1						
B14	Isotech	no	1330		58.6	706	6	1	0	0	0	0	0						
B14	Isotech	no	1380		60.2	2300	24	2	0	1	0	0	0						
B14	Isotech	no	1430		61.9	3640	29	6	1	2	0	2	3	-60.4					
B14	Isotech	no	1440		62.3	1320	13	3	1	1	0	1	3						
B14	Isotech	no	1450		62.6	2260	17	3	1	1	0	1	3						
B14	Isotech	no	1480		63.6	885	9	1	1	1	0	1	2						
B14	Isotech	no	1492		64	812	9	1	0	1	0	1	3						
B14	Isotech	no	1530		65.3	1050	10	1	0	1	0	1	2						
B14	Isotech	no	1580		67	2140	21	4	1	1	0	1	4	-58.3					
B14	Isotech	no	1630		68.7	2680	28	7	1	2	0	1	3						
B14	Isotech	no	1669		70	45	1	0	0	0	0	0	0						
B14	Isotech	no	1680		70.4	1790	7	1	0	0	0	0	0						
B14	Isotech	no	1730		72	2440	11	2	1	1	0	0	1	-58					
B14	Isotech	no	1780		73.7	4940	17	3	1	1	0	0	1						
B14	Isotech	no	1830		75.4	2000	8	2	0	0	0	0	2						
B14	Isotech	no	1880		77.1	3300	12	2	0	0	0	0	2						
B14	Isotech	no	1900		77.8	3130	12	2	0	0	0	0	1	-57.7					
B14	Isotech	no	1940		79.1	2510	18	3	1	0	0	0	3						
B14	Isotech	no	1980		80.5	13600	55	9	1	1	0	0	2						
B14	Isotech	no	1993		80.9	24300	126	21	2	3	0	0	3						
B14	Isotech	no	2000		81.1	301900	1780	305	31	39	5	8	9	-57.8	-30.1	-27.2			
B19	IsotubeOut	no	552	552	33.7	1412.756	5.023	0.8255	0.0808	0.0879				-53.2					
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B19	IsotubeOut	no	592	592	35.1	1402.142	5.4406	1.1706	0.08	0.1788									
B19	IsotubeOut	no	612	612	35.8	1030.401	4.609	0.8141	0.0466	0.0337									
B19	IsotubeOut	no	632	632	36.6	1209.605	4.0721	0.5087	0	0									
B19	IsotubeOut	no	652	652	37.3	2297.933	6.4517	0.9136	0	0				-51.7					
B19	IsotubeOut	no	672	672	38	3599.888	10.7148	1.2872	0.0996	0.1641									
B19	IsotubeOut	no	692	692	38.7	3105.435	8.8466	1.062	0.1601	0.2114									
B19	IsotubeOut	no	712	712	39.4	3305.12	9.2649	0.7505	0	0									
B19	IsotubeOut	no	732	732	40.2	2421.545	7.7226	0.8847	0.0442	0.3527				-51.2					-218
B19	IsotubeOut	no	752	752	40.9	3980.957	13.1692	1.3849	0.1948	0.2142									
B19	IsotubeOut	no	772	772	41.6	4875.748	15.1843	1.7	0.1428	0.0599				-51.1	-28.9				-206
B19	IsotubeOut	no	792	792	42.3	1580.002	6.1187	0.718	0	0				-49.5					
B19	IsotubeOut	no	812	812	43.1	2815.027	10.106	1.093	0	0									
B19	IsotubeOut	no	832	832	43.8	3083.492	11.7538	1.0493	0.1009	0.1845				-50.2					-199
B19	IsotubeOut	no	838	838	44	1441.762	5.7027	2.6195	1.1013	0.7507									
B19	IsotubeOut	no	844	845.995	44.3	1449.859	3.2734	0.2914	0	0									
B19	IsotubeOut	no	850	851.806	44.5	773.8516	1.9208	0.1501	0	0									
B19	IsotubeOut	no	856	857.616	44.7	1508.438	3.2079	0.2551	0	0				-51.5					
B19	IsotubeOut	no	862	863.426	44.9	1933.564	4.012	0.2446	0	0				-51.4					
B19	IsotubeOut	no	868	869.236	45.1	1142.354	1.8732	0.2118	0	0									
B19	IsotubeOut	no	874	875.047	45.3	2328.879	4.5802	0.2044	0	0				-51.4					
B19	IsotubeOut	no	880	880.857	45.5	748.7	2.1261	0.2302	0	0									
B19	IsotubeOut	no	886	886.667	45.7	1825.662	8.3158	0.8629	0	0									
B19	IsotubeOut	no	892	892.494	46	10154.53	28.5248	2.712	0	0				-51.1	-27.3				-178
B19	IsotubeOut	no	898	898.405	46.2	2311.881	5.3985	0.4245	0	0									
B19	IsotubeOut	no	904	904.316	46.4	5956.448	14.6312	1.3043	0	0				-50.3	-27.2				
B19	IsotubeOut	no	910	910.227	46.6	4861.128	11.8437	1.116	0	0				-50.1	-27.1				-165
B19	IsotubeOut	no	916	916.138	46.8	4346.603	12.42	1.3575	0	0				-50	-26.8				
B19	IsotubeOut	no	922	922.585	47	3024.297	6.608	0.6441	0	0				-48.3					-146
B19	IsotubeOut	no	929	930.731	47.3	3875.361	10.2294	1.1478	0	0				-50.8	-27.3				-170
B19	IsotubeOut	no	935	939.931	47.7	798.7578	2.2871	0.2452	0	0									
B19	IsotubeOut	yes	944	949.157	48	2122.855	4.8753	0.3904	0	0				-53.3					
B19	IsotubeOut	yes	953	958.151	48.3	4500.099	8.533	2.0152	0	0				-52.7	-27.6				-162
B19	IsotubeOut	yes	962	967.116	48.7	3132.061	10.6098	1.2226	0	0				-53.4	-28.2				-181
B19	IsotubeOut	yes	971	976.08	49	3215.271	10.8418	1.2892	0	0									
B19	IsotubeOut	yes	980	986.073	49.3	1940.664	8.0423	1.0408	0	0				-52.7	-27.3				
B19	IsotubeOut	yes	989	994.829	49.7	2330.946	8.0246	0.668	0	0									
B19	IsotubeOut	yes	998	1002.82	49.9	5775.66	10.4238	0.756	0	0				-53.5	-27				-204
B19	IsotubeOut	yes	1007	1010.872	50.2	3392.624	9.5095	0.7989	0	0									
B19	IsotubeOut	yes	1016	1019.406	50.5	3517.168	11.2176	0.7102	0	0				-52.7					-170
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B19	IsotubeOut	yes	1034	1036.475	51.2	105384.4	161.4364	6.2264	0.2177	0.1624				-53.3	-26.3	-19.5			-208
B19	IsotubeOut	yes	1043	1045.01	51.5	63956.34	122.7413	7.262	0.236	0.2534				-53.1	-26.6				
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B19	IsotubeOut	yes	1061	1059.345	52	8089.356	19.741	2.5766	0	0				-51.6	-27.8				-166
B19	IsotubeOut	yes	1070	1065.419	52.2	1588.21	10.5081	1.469	0.1307	0.1012				-51.4	-28.2				
B19	IsotubeOut	yes	1079	1074.663	52.5	1016.778	4.428	0.9713	0.1114	0.1268									
B19	IsotubeOut	yes	1082	1078.046	52.7	1174.032	4.8848	0.9438	0.1532	0.1086									
B19	IsotubeOut	yes	1092	1090.904	53.1	3111.585	17.9222	1.2118	0.1025	0.227				-51	-28.6				-161
B19	IsotubeOut	yes	1102	1100.879	53.5	3196.699	18.7864	1.1407	0.1041	0.0915									
B19	IsotubeOut	yes	1112	1110.854	53.8	2801.523	17.8872	1.2541	0.0723	0.4248									
B19	IsotubeOut	no	1122	1120.83	54.2	2649.616	19.3007	1.0475	0.1496	0.395				-51	-29.2				-151
B19	IsotubeOut	no	1132	1130.805	54.6	3702.71	27.3606	1.41	0.0636	0.048									
B19	IsotubeOut	no	1142	1140.78	54.9	3927.7	34.3685	1.8071	0.168	0.7884				-51.2	-29.7				-173
B19	IsotubeOut	no	1152	1150.765	55.3	5752.831	57.4939	2.9462	0.4356	2.2445				-52.1	-29				
B19	IsotubeOut	no	1162	1160.79	55.6	17362.01	157.7312	5.3113	0.7389	7.4361				-53.5	-28.9				-176
B19	IsotubeOut	no	1168	1166.804	55.9	4123.457	33.8752	1.2637	0.1646	1.6676				-52.6	-28.9				
B19	IsotubeOut	no	1174	1172.819	56.1	4353.639	34.2012	1.071	0.1424	1.4792				-53	-29.3				-172
B19	IsotubeOut	no	1180	1178.834	56.3	6440.439	52.0947	1.2351	0.1321	2.5887				-53.6	-29.2				
B19	IsotubeOut	yes	1186	1184.849	56.5	21065.57	159.183	3.1455	0.2797	8.2233				-53.7	-29.1				-175
B19	IsotubeOut	yes	1192	1190.864	56.7	19958.94	159.5863	3.4397	1.5571	7.2652				-53.6	-29.1				
B19	IsotubeOut	yes	1198	1197.056	57	9908.775	96.1388	3.2406	1.5515	4.697				-53.2	-28.7				-168
B19	IsotubeOut	yes	1204	1203.425	57.2	4897.138	63.1363	3.302	0.3558	3.9474				-52.9	-28.8				-173
B19	IsotubeOut	yes	1210	1209.794	57.4	3479.998	42.1323	2.4339	0.237	1.9728				-52.7	-29.2				
B19	IsotubeOut	yes	1216	1216.164	57.6	2846.171	32.5628	1.7217	0.1597	1.6843				-52.4	-29.2				
B19	IsotubeOut	yes	1222	1222.533	57.9	2260.409	29.9092	1.2524	0.0777	2.4361									
B19	IsotubeOut	yes	1228	1226.85	58	3004.758	36.9302	2.0057	0.2101	2.3799				-52.1	-29.2				
B19	IsotubeOut	yes	1234	1230.142	58.1	4343.13	51.8752	3.054	0.573	3.0062				-52.3	-29.2				-167
B19	IsotubeOut	yes	1240	1236.668	58.4	3875.869	41.6684	2.3347	0.3177	2.6345									
B19	IsotubeOut	yes	1246	1243.193	58.6	2600.333	27.7242	1.8299	0.4567	0.9616				-51.7	-28.7				
B19	IsotubeOut	no	1252	1249.719	58.9	3156.878	48.411	1.7916	0.2563	2.7132				-51.9	-28.5				
B19	IsotubeOut	no	1258	1256.31	59.1	3218.23	31.5849	1.4042	0.1938	2.0848									
B19	IsotubeOut	no	1264	1263.031	59.3	5323.255	50.2807	1.7297	0.2055	3.3068				-53.8	-29.1				-168
B19	IsotubeOut	no	1270	1269.753	59.6	4030.354	34.7941	1.5583	0.4443	2.4618				-53.3	-28.5				
B19	IsotubeOut	no	1276	1276.474	59.8	4810.529	37.9366	1.3927	0.37	2.246				-53.8	-28.5				
B19	IsotubeOut	no	1282	1283.196	60.1	2583.372	19.9284	0.5544	0.1387	1.4624				-54.1	-28.4				
B19	IsotubeOut	no	1288	1289.917	60.3	2167.699	19.1512	0.6742	0.1349	1.8772									

B19	IsotubeOut no	1294	1296.639	60.5	3310.061	27.078	0.8456	0.1093	2.3885				-53.9	-28.9	-177
B19	IsotubeOut no	1300	1303.361	60.8	2128.95	19.1739	0.7095	0.1481	1.9545				-54.9	-29.3	
B19	IsotubeOut no	1306	1310.082	61	1734.764	13.574	0.6017	0.1835	1.4397						
B19	IsotubeOut no	1312	1316.804	61.3	1068.202	7.1005	0.4161	0.0792	0.9638						
B19	IsotubeOut no	1318	1321.568	61.4	1568.059	9.0372	0.3091	0.0605	0.8445				-56.2		
B19	IsotubeOut no	1324	1325.942	61.6	1650.399	9.5625	0.3271	0.1695	1.2338						
B19	IsotubeOut no	1330	1330.315	61.8	1388.39	7.6478	0.3274	0.0874	1.1476						
B19	IsotubeOut no	1336	1334.688	61.9	2062.911	8.8073	0.2112	0	0				-57.4		
B19	IsotubeOut no	1342	1340.688	62.1	2727.774	8.8191	0.3471	0.0434	0.4921						
B19	IsotubeOut no	1348	1346.688	62.4	3768.084	13.3697	0.5144	0.096	0.7512				-58.3	-29.8	-165
B19	IsotubeOut no	1354	1354	62.6	2202.901	6.9624	0.3761	0.0364	0.606						
B19	IsotubeOut no	1360	1360	62.8	2336.394	7.0802	0.2099	0.0618	0.8331				-58.9		-174
B19	IsotubeOut no	1366	1366	63.1	1689.907	5.2434	0.2377	0.0607	0.4962				-59		
B19	IsotubeOut no	1372	1372	63.3	1317.855	4.2538	0.1983	0.0706	0.4614						
B20	IsotubeOut no	619	619	34.5	7787.939	1.1492	1.0845	0.2289	0.1234	1.1539	0.2641	14.803	-66.6		-163.3
B20	IsotubeOut no	639	639	35.2	606.053	0.0938	0.0557	0	0	0	0	0			
B20	IsotubeOut no	659	659	35.9	203.2008	0.3142	0	0	0	0	0	0			
B20	IsotubeOut no	679	679	36.6	3.8728	0	0	0	0	0	0	0			
B20	IsotubeOut no	699	699	37.2	71.4027	0	0	0	0	0	0	0			
B20	IsotubeOut no	709	709	37.6	16823.67	1.8348	0.5671	0.0877	0.109	0.2066	0.2759	16.2613	-66.5		
B20	IsotubeOut no	719	719	37.9	13124.71	1.501	0.4485	0.1047	0.0984	0.2858	0.1224	3.4126			
B20	IsotubeOut no	734	734	38.4	39110.73	4.0914	1.1335	0.1096	0.0886	0.2872	0.1462	23.9426	-66.2		-163.8
B20	IsotubeOut no	739	739	38.6	18646.67	1.7992	0.6665	0.0684	0.0533	0.2524	0.1444	20.7895	-66.1		
B20	IsotubeOut no	759	759	39.2	19645.79	2.0616	0.5547	0.1149	0.104	0.1084	0.0697	2.9175	-65		
B20	IsotubeOut no	779	779	39.9	20905.9	2.4167	0.8121	0.0682	0.0688	0.2893	0.1287	8.2463	-65.8		-167
B20	IsotubeOut no	819	819	41.3	9308.048	1.4699	0.5131	0.1286	0.0767	0.0653	0.0849	8.3904			
B20	IsotubeOut no	856	856	42.5	24797.44	3.1546	0.4932	0.0955	0.082	0.2326	0.1641	9.1256	-66.8		
B20	IsotubeOut no	879	879	43.3	17587.6	1.9438	0.316	0.1123	0.0549	0.217	0.161	3.4652			
B20	IsotubeOut no	919	919	44.6	11635.92	2.0133	0.5911	0.1441	0.1044	0.2567	0.1042	2.1009	-68.2		-189.2
B20	IsotubeOut no	959	959	46	8502.662	1.7846	0.8409	0.0691	0.116	0.0453	0.0419	3.5313			
B20	IsotubeOut no	999	999	47.3	6474.795	1.4016	0.7997	0.1042	0.062	0.0715	0.0219	0.8418			
B20	IsotubeOut no	1039	1039	48.7	13933.14	3.1268	1.3587	0.0829	0.0748	0.0687	0.0501	8.2209	-65.8		
B20	IsotubeOut no	1050	1050	49	112.4061	0	0	0	0	0	0	0			
B20	IsotubeOut no	1056	1056	49.2	76.9869	0	0	0	0	0	0	0			
B20	IsotubeOut no	1062	1062	49.4	418.2825	0.1829	0	0	0	0	0	0			
B20	IsotubeOut no	1068	1068	49.6	1763.191	0.6221	0.27	0.1054	0.0625	0.1638	0.1743	0.6486	-66		-170.4
B20	IsotubeOut no	1074	1074	49.8	446.1903	0.2022	0	0	0	0	0	0			
B20	IsotubeOut no	1080	1080	50	1406.751	0.5617	0.2444	0.1681	0.053	0.0801	0.0906	1.8926	-65.5		
B20	IsotubeOut no	1086	1086	50.2	1199.941	0.4973	0.2752	0.1805	0.0535	0.0746	0.1134	1.7476			
B20	IsotubeOut no	1092	1092	50.4	170.0878	0.3033	0.1173	0.1872	0.1295	0.0819	0.2423	4.772			
B20	IsotubeOut no	1098	1098	50.6	2061.107	1.0265	0.2796	0.161	0.0612	0.1639	0.2884	2.0354	-64.7		-168.5
B20	IsotubeOut no	1104	1104	50.8	1420.11	0.7986	0.2853	0.1882	0.0528	0.0933	0.1453	1.5305			
B20	IsotubeOut no	1110	1110	51	2519.27	1.4311	0.3408	0.1349	0.0818	0.0304	0.0112	2.54	-64.6		
B20	IsotubeOut no	1116	1116	51.2	2337.453	1.3426	0.321	0.1091	0.0576	0.0935	0.1092	4.3296			
B20	IsotubeOut no	1122	1122	51.4	3734.709	2.3872	0.4792	0.09	0.0478	0.0786	0.2411	3.5561	-64.6		-175.1
B20	IsotubeOut no	1128	1128	51.6	833.2206	0.582	0.2249	0.158	0.0447	0.0948	0.1387	8.3799			
B20	IsotubeOut no	1134	1134	51.8	1067.387	0.7154	0.2763	0	0	0	0	0			
B20	IsotubeOut no	1140	1140	52	1088.292	0.8937	0.2522	0	0	0	0	0			
B20	IsotubeOut no	1146	1146	52.2	1709.791	1.5434	0.4258	0.0838	0.0419	0.1224	0.1112	3.0651	-64.3		-171
B20	IsotubeOut no	1152	1152	52.4	1787.253	1.2431	0.3167	0.0788	0.0887	0.0655	0.1574	1.5621			
B20	IsotubeOut no	1158	1158	52.6	348.4996	0	0	0	0	0	0	0			
B20	IsotubeOut no	1164	1164	52.9	1192.877	0	0	0	0	0	0	0			
B20	IsotubeOut no	1170	1170	53.1	2641.758	2.1427	1.7958	0.1077	0.0536	0	0	0	-63.4		
B20	IsotubeOut no	1176	1176	53.3	1982.608	1.6015	0.2339	0.176	0.0666	0.0778	0.0546	6.3547			
B20	IsotubeOut no	1182	1182	53.5	1085.515	1.4286	0.3504	0.0497	0.1208	0.1846	0.2609	1.8941			
B20	IsotubeOut no	1188	1188	53.7	352.6798	0.767	0.2991	0.2163	0.2509	0.2399	0.3045	1.6577			
B20	IsotubeOut no	1194	1194	53.9	1735.019	1.6712	1.4386	0.2242	0.0572	0.231	0.3423	1.9139	-62.4		-169.2
B20	IsotubeOut no	1203	1203	54.2	1462.174	1.4335	0.2454	0.1401	0.0533	0.1694	0.1411	3.8013			
B20	IsotubeOut no	1209	1209	54.4	1330.911	1.5846	0.2314	0.2183	0.035	0.1184	0.0777	1.4919			
B20	IsotubeOut no	1215	1215	54.6	1311.744	1.5138	0.203	0.1703	0.1002	0.1185	0.1731	1.2153			
B20	IsotubeOut no	1221	1221	54.8	1611.304	1.7233	0.2498	0.148	0.0941	0.0944	0.0962	0.7428	-62.3		
B20	IsotubeOut no	1245	1223.85	54.9	891.6381	1.3701	0.2005	0.1104	0.0343	0.1585	0.1886	3.1016			
B20	IsotubeOut no	1248	1226.85	55	301.3501	0.5898	0.1509	0	0	0	0	0			
B20	IsotubeOut no	1227	1227	55	1642.025	2.179	0.2381	0.1286	0.0489	0.1211	0.0778	5.1991			
B20	IsotubeOut no	1233	1233	55.2	1877.285	2.4281	0.2757	0.1963	0.0753	0.1376	0.2167	0.9532			
B20	IsotubeOut no	1257	1235.85	55.3	558.3431	1.4464	0.6553	0.3932	0.0622	0	0	0			
B20	IsotubeOut no	1239	1239	55.4	1520.469	1.798	0.1937	0.1213	0.0511	0.134	0.1516	3.1156	-62.1		-168.3
B20	IsotubeOut no	1263	1242.458	55.5	414.5395	1.3927	0.7805	0.6164	0.0825	0	0	0			
B20	IsotubeOut no	1269	1250.281	55.7	407.9241	1.0777	0.6832	0.6769	0.0408	0	0	0			
B20	IsotubeOut no	1275	1258.104	56	551.9945	1.2504	0.4259	0.4363	0.0697	0	0	0			
B20	IsotubeOut yes	1281	1265.07	56.2	235.045	0.9599	0.5615	0.5379	0.0516	0	0	0			
B20	IsotubeOut yes	1287	1270.319	56.4	2792.019	4.5945	1.1938	1.4312	0.1668	0.0676	0.096	14.3782	-62.6		-171.7
B20	IsotubeOut yes	1293	1275.568	56.6	176.7102	0.809	0.6007	0.6936	0.0612	0.1358	0.1306	6.7747			
B20	IsotubeOut yes	1299	1280.818	56.8	85.8401	0.4481	0.5485	0.5576	0.0434	0	0	0			
B20	IsotubeOut yes	1305	1286.067	57	79.0489	0.2092	0.4854	0.6258	0.0498	0.3072	0.232	7.5869			
B20	IsotubeOut yes	1311	1292.007	57.2	7414.854	5.6384	2.0793	0	0	0	0	0	-63.1		
B20	IsotubeOut yes	1314	1295.046	57.3	7555.923	5.6582	2.0375	0.0903	0.1669	0.1062	0.0969	10.1578			
B20	IsotubeOut yes	1317	1298.085	57.4	7429.412	5.7942	1.9645	0	0	0	0	0			
B20	IsotubeOut yes	1320	1301.124	57.5	7736.347	6.0732	1.7421	0	0	0	0	0	-63		-175.4
B20	IsotubeOut yes	1326	1307.089	57.7	3071.4	3.8233	0.8183	0.1275	0.0464	0	0	0			
B20	IsotubeOut yes	1332	1312.941	57.9	2116.682	2.5096	0.8084	0.513	0.0742	0	0	0	-62		
B20	IsotubeOut yes	1338	1319.041	58.1	1596.272	2.7941	1.4971	0.0356	0.4861	0.2643	0.2484	2.2169			
B20	IsotubeOut yes	1344	1325.191	58.3	590.9073	1.6228	0.7003	0.7205	0.0492	0.051	0.027	2.3487			
B20	IsotubeOut yes	1353	1334.416	58.6	323.2338	1.6713	0.8808	0.6165	0.0479	0.0797	0.0359	9.3529			
B20	IsotubeOut yes	1356	1337.491	58.7	89.9389	0.5235	0.2027	0	0	0	0	0			
B20	IsotubeOut yes	1360	1341.591	58.8	3323.261	5.1345	1.4586	0.2051	0.0641	0.0674	0.0386	4.0394	-63.3		
B20	IsotubeOut yes	1365	1346.716	59	2790.759	5.5192	1.5769	0	0	0	0	0			
B20	IsotubeOut yes	1371	1352.865	59.2	5029.087	9.5626	2.7351	0.1579	0.2011	0.1498	0.0934	8.4282	-63.4	-31.2	-177.4
B20	IsotubeOut yes	1377	1359.015	59.4	780.4402	3.3224	0.9221	0.223	0.1624	0.11	0.1013	1.2795			
B20	IsotubeOut yes	1383	1365.165	59.6	1267.654	6.2204	1.4472	0.2242	0.2056	0.1692	0.1085	0.8082			
B20	IsotubeOut yes	1389	1371.468	59.8	979.2913	9.7785	1.6583	0.3276	0.1524	0.0645	0.0612	5.3789			
B20	IsotubeOut yes	1395	1377.801	60	958.7059	11.9126	2.1506	0.4774	0.0858	0.31	0.2824	5.7391			
B20	IsotubeOut yes	1404	1387.3	60.4	2442.389	9.9546	1.8437	0.7638	0.1468	0.1743	0.138	14.985	-61.7	-30.1	-255
B20	IsotubeOut yes	1410	1393.633	60.6	833.911	3.1704	0.9122	0.1847	0.0613	0.1807	0.0979	5.2229			
B20	IsotubeOut yes	1416	1399.656	60.8	1132.783	3.0217	0.8007	0.1915	0.0903	0.1586	0.0602	6.2546			
B20	IsotubeOut yes	1422	1405.618	61	1149.506	2.7479	0.7633	0.2466	0.2285	0.1643	0.1204	9.8354	-58.4		
B20	IsotubeOut yes	1428	1411.58	61.2	600.0232	10.9064	1.843	0.3728	0.1168	0.1693	0.1181	8.2735			
B20	IsotubeOut yes	1434	1417.542	61.4	750.829	5.1033	1.1014	0.2514	0.1046	0.1313	0.1164	9.5028			
B20	IsotubeOut yes	1440	1423.504	61.6	649.4199	4.4356	1.008	0.2827	0.1383	0.7598	0.4523	6.2616			
B20	IsotubeOut yes	1446	1429.466	61.8	1000.371	2.3718	0.713	0.1276	0.0717	0.0807	0.0662	11.0785			
B20	IsotubeOut no	1452	1435.428	62	2050.328	4.0846	0.956	0.1969	0.1264	0.0716	0.0855	10.0645			
B20	IsotubeOut no	1458	1441.39	62.2	3071.897	5.7637	1.1248	0.1381	0.0696	0.2783	0.1253	8.8952	-62.2		-176.1
B20	IsotubeOut no	1464	1447.411	62.4	1137.121	2.243	0.6183	0.1076	0.0643	0.0917	0.0423	13.0567			
B20	IsotubeOut no	1469	1452.479	62.5	1534.903	2.5384	0.6425	0.1236	0.0731	0.0482	0.0308	16.2441			
B20	IsotubeOut no	1489	1471.205	63.2	4542.309	7.3802	1.5896	1.4908	0.0914	0.2078	0.0993	7.9534	-61.2		
B20	IsotubeOut no	1509	1497.905	64.1	5630.055	8.447	1.6108	0.5268	0.0784	0.1879	0.0478	1.7592			
B20	IsotubeOut no	1519	1508.018	64.4	5247.269	7.4941	1.543	0.1815	0.0607	0.2135	0.0628	1.8283			
B20	IsotubeOut no	1539	1528.582	65.1	3669.772	5.086	1.2446	1.0048	0.0339	0.2077	0.1248	0.7634	-59.8		-257.5
B20	IsotubeOut no	1545	1534.853	65.3	3187.974	6.3931	1.2919	0.6951	0.1476	0.1145	0.0486	11.1431			
B20	IsotubeOut no	1551	1541.164	65.5	412.9161	1.1929	0.4521	0.1757	0.064	0.0654	0.0792	0.6403			
B20	IsotubeOut no	1557	1547.679	65.7	4921.423	7.1606	0	0	0	0	0	0			
B20	IsotubeOut no	1563	1554.194	66	4439.522	6.6509	0.6488	0.1478	0.1946	0.0336	0.0207	5.3521	-59.5		
B20	IsotubeOut no	1569	1560.709	66.2	5178.89	7.2966	0.9691	0.1205	0.0806	0.0671	0.0697	1.8071			
B20	IsotubeOut no	1575	1567.224	66.4	4886.698	7.7065	1.1663	0.132	0.3544	0.0972	0.07	3.8091			
B20	IsotubeOut no	1581	1573.739	66.6	3552.824	5.6856	1.0029	0.478	0.0728	0.0644	0.0408	1.2725	-59		-251.9
B20	IsotubeOut no	1587	1582.255	66.9	4558.676	7.5681	1.036	0.1576	0.0738	0.0704	0.0599	7.3721			
B20	IsotubeOut no	1593	1591.17	67.2	3224.817	5.6225	1.0022	0.4346	0.0599	0.0537	0.0474	1.9282			
B20	IsotubeOut no	1599	1600.086	67.5	3680.328	8.0571	1.0638	0.1931	0.0761	0.054	0.0421	0.9795	-59.7		
B20	IsotubeOut no	1605	1609.001	67.8	4125.849	9.4001	1.4159	0.232	0.0882	0.0522	0.0283	4.6348			
B20	IsotubeOut no	1611	1617.917	68.1	4106.559	9.3139	1.3632	0.1549	0.0703	0.0665	0.0619	13.3132			
B20	IsotubeOut no	1617	1626.832	68.4	1009.891	4.9233	0.9276	0.1053	0.0914	0.1033	0.0395	8.0206			
B20	IsotubeOut no	1623	1632.963	68.6	4004.888	10.3135	1.4687	0.1622	0.0835	0.2269	0.0625	10.3629	-59.3	-30.4	-185.2
B20	IsotubeOut no	1629	1638.536	68.8	3863.532	10.3289	1.5117	0.2681	0.0554	0.0894	0.0448	5.5065			
B20	IsotubeOut no	1635	1644.109	69	3588.208	9.9818	1.2792	0.1059	0.0778	0.1248	0.0268	7.2194	-58.7	-30.2	

B20	IsotubeOut no	1641	1649.821	69.2	1742.712	5.1563	1.0507	0.4349	0.0836	0.1237	0.0489	3.8926				
B20	IsotubeOut no	1647	1655.81	69.4	3590.413	10.6815	1.607	0.6378	0.0698	0.0965	0.161	8.9422				
B20	IsotubeOut no	1653	1661.799	69.6	3894.769	11.7429	1.6734	0.419	0.0537	0.0982	0.0414	1.0617				
B20	IsotubeOut no	1659	1667.787	69.8	4373.837	13.1106	1.6689	0.1925	0.1092	0.0881	0.0542	1.8453	-58.5	-30.2		-184.7
B20	IsotubeOut no	1665	1673.776	70	3844.13	11.7851	1.9948	0.1792	0.0949	0.0679	0.0618	8.8242				
B20	IsotubeOut no	1671	1679.765	70.2	2341.449	7.5617	1.1963	0.8093	0.0434	0.1024	0.0735	6.3155				
B20	IsotubeOut no	1677	1685.753	70.4	2577.821	9.2681	1.5402	0.7723	0.0499	0.0599	0.0612	8.2537				
B20	IsotubeOut no	1683	1691.742	70.6	3170.161	11.3563	1.7424	0.5354	0.0842	0.0786	0.0342	6.8805	-57.5			
B20	IsotubeOut no	1689	1697.731	70.8	3075.075	10.9965	1.7049	0.5455	0.0868	0.1109	0.0534	1.6728				
B20	IsotubeOut no	1695	1703.719	71	1637.44	5.9015	1.1578	0.6803	0.0566	0.0751	0.0396	6.096				
B20	IsotubeOut no	1701	1709.708	71.2	2873.593	10.1207	1.5203	0.5125	0.0959	0.1148	0.0405	12.7729				
B20	IsotubeOut no	1707	1715.697	71.4	4513.843	17.2322	2.7848	0.6667	0.0378	0.0945	0.0421	5.7081	-57.7	-30.5		-243.1
B20	IsotubeOut no	1713	1721.276	71.6	3982.894	14.7063	2.3242	0.6265	0.0543	0.0699	0.0267	8.655				
B20	IsotubeOut no	1719	1726.447	71.7	4087.304	13.4694	1.6893	0.4129	0.0701	0.0688	0.0378	1.1992	-58.1			
B20	IsotubeOut no	1725	1731.618	71.9	1816.051	5.8916	1.1902	1.1402	0.0372	0.2243	0.0757	3.5512				
B20	IsotubeOut no	1731	1736.789	72.1	2624.27	8.4633	1.3075	0.8932	0.0777	0.1717	0.0584	1.1148	-57.9			
B20	IsotubeOut no	1737	1741.96	72.3	2248.724	8.1068	1.4951	0.9276	0.083	0.1484	0.0865	2.5977				
B20	IsotubeOut no	1743	1746.758	72.4	3086.76	9.929	1.6126	0.7672	0.0839	0.0772	0.0587	2.118	-58.6	-30.9		-256.2
B20	IsotubeOut no	1749	1751.368	72.6	2905.195	8.8107	1.4213	0.9009	0.0574	0.0625	0.0483	0.6276				
B20	IsotubeOut no	1755	1755.978	72.7	558.2727	2.4953	0.5982	0.6396	0.0339	0.0924	0.0562	0.8868				
B20	IsotubeOut no	1761	1760.588	72.9	2806.689	5.9195	0.9138	0.7525	0.0512	0.0941	0.066	1.1388	-59.7			
B20	IsotubeOut no	1767	1766.125	73.1	2029.952	3.9461	0.7819	0.82	0.0359	0.0833	0.0584	2.7627				
B20	IsotubeOut no	1773	1772.125	73.3	2262.895	4.0975	0.8243	0.8667	0.035	0.0524	0.0266	1.6015				
B20	IsotubeOut no	1779	1778.125	73.5	1825.413	2.9475	0.8428	0.8607	0.0532	0.1308	0.0625	5.1359				
B20	IsotubeOut no	1785	1784.125	73.7	3293.436	5.3913	1.0561	1.028	0.0467	0.1734	0.0462	4.6699	-60.1			-280.2
B20	IsotubeOut no	1791	1790.125	73.9	4155.966	6.4068	1.0731	1.0739	0.0733	0.1054	0.0094	13.1037				
B20	IsotubeOut no	1797	1796.125	74.1	3613.709	5.4188	0.9097	0.7545	0.0444	0.1363	0.0622	8.644				
B20	IsotubeOut no	1803	1802.125	74.3	4210.513	5.5653	0.9001	0.807	0.042	0.0954	0.0414	6.7767				
B20	IsotubeOut no	1809	1809	74.5	4198.17	5.3985	1.2419	1.1266	0.0612	0.0695	0.0431	5.5142	-61.2			-221.6
B20	IsotubeOut no	1815	1815	74.7	4030.464	4.6512	0.7152	0.3876	0.0411	0.0741	0.061	1.5361				
B20	IsotubeOut no	1821	1821	74.9	4265.661	4.8078	0.8607	0.6938	0.025	0.0763	0.0305	7.0219	-61.4			
B20	IsotubeOut no	1826	1826	75.1	1068.906	1.8473	0.4507	0.4408	0.0741	0.0557	0.0325	8.2912				
B22	IsotubeOut no	497.5	497.5	28.1	38.9232	0.3395	0.0616	0	0	0	0	0				
B22	IsotubeOut no	517.5	517.5	28.6	7607.345	0.8424	0.8526	0	0	0	0	0	-66.7			
B22	IsotubeOut no	537.5	537.5	29.2	6683.495	1.1847	0.3573	0	0	0	0	0				
B22	IsotubeOut no	557.5	557.5	29.8	9848.894	0.9702	0.3398	0	0	0	0	0				
B22	IsotubeOut no	577.5	577.5	30.4	4461.795	0.6562	0.3305	0	0	0	0	0	-60.7			-263
B22	IsotubeOut no	597.5	597.5	30.9	6240.886	0.878	0.3846	0	0	0	0	0				
B22	IsotubeOut no	617.5	617.5	31.5	6235.969	0.8859	0.4359	0	0	0	0	0				
B22	IsotubeOut no	637.5	637.5	32.1	5264.922	1.116	0.4801	0	0	0	0	0	-65.7			
B22	IsotubeOut no	657.5	657.5	32.7	5781.226	0.9536	0.4357	0	0	0	0	0				
B22	IsotubeOut no	677.5	677.5	33.3	4064.43	1.014	0.747	0	0	0	0	0				
B22	IsotubeOut no	697.5	697.5	33.8	4732.096	1.0155	0.3369	0	0	0	0	0	-67.3			-278
B22	IsotubeOut no	717.5	717.5	34.4	4940.77	1.0875	0.3855	0	0	0	0	0				
B22	IsotubeOut no	737.5	737.5	35	5772.522	1.4866	0.6864	0	0	0	0	0				
B22	IsotubeOut no	757.5	757.5	35.6	7462.647	1.4335	1.1332	0	0	0	0	0	-66.2			
B22	IsotubeOut no	777.5	777.5	36.1	11515.95	1.2778	0.3672	0	0	0	0	0				
B22	IsotubeOut no	797.5	797.5	36.7	14912	8.1277	2.1151	0	0	0	0	0	-67.4	-33.4		-181
B22	IsotubeOut no	817.5	817.5	37.3	8966.692	7.7057	1.8311	0	0	0	0	0				
B22	IsotubeOut no	837.5	837.5	37.9	6354.694	4.1137	1.4328	0	0	0	0	0				
B22	IsotubeOut no	857.5	857.5	38.4	5726.409	2.6451	0.8993	0	0	0	0	0	-67			
B22	IsotubeOut no	863.5	863.5	38.6	2515.084	1.1049	0.3288	0	0	0	0	0				
B22	IsotubeOut no	869.5	869.5	38.8	1971.643	0.7318	0.1962	0	0	0	0	0				
B22	IsotubeOut no	875.5	875.5	39	2371.621	0.6717	0	0	0	0	0	0				
B22	IsotubeOut no	877.5	877.5	39	1823	2	1	0	0	0	0	0				
B22	IsotubeOut no	881.5	881.5	39.1	2303.251	0.7209	0.1206	0	0	0	0	0				
B22	IsotubeOut no	887.5	887.5	39.3	2307.971	0.5873	0	0	0	0	0	0				
B22	IsotubeOut no	893.5	893.5	39.5	3148.146	0.9015	0.1385	0	0	0	0	0				
B22	IsotubeOut no	897.5	897.5	39.6	1978	1	1	0	0	0	0	0				
B22	IsotubeOut no	899.5	899.5	39.6	3074.281	0.9352	0.1078	0	0	0	0	0	-67.3			-180
B22	IsotubeOut no	905.5	904.983	39.8	2983.174	0.946	0	0	0	0	0	0				
B22	IsotubeOut no	907.5	907.079	39.9	2583	1	0	0	0	0	0	0				
B22	IsotubeOut no	911.5	911.27	40	2973.575	0.9202	0	0	0	0	0	0				
B22	IsotubeOut no	917.5	917.556	40.2	1588.273	0.5734	0	0	0	0	0	0				
B22	IsotubeOut no	923.5	923.843	40.3	405.956	0	0	0	0	0	0	0				
B22	IsotubeOut no	927.5	928.034	40.5	3169	2	1	0	0	0	0	0				
B22	IsotubeOut no	929.5	930.129	40.5	19.2623	0	0	0	0	0	0	0				
B22	IsotubeOut no	935.5	936.416	40.7	25.8974	0	0	0	0	0	0	0				
B22	IsotubeOut no	937.5	938.511	40.8	6421	2	0	0	0	0	0	0				
B22	IsotubeOut no	941.5	942.702	40.9	149.1843	0.2568	0	0	0	0	0	0				
B22	IsotubeOut no	944.5	945.846	41	35827.75	96.4968	38.4211	2.8618	1.7533	0.2128	0.1067	0.8217	-66.1	-31.1	-27.4	-179
B22	IsotubeOut no	947.5	948.989	41.1	5817	2	0	0	0	0	0	0				
B22	IsotubeOut no	950.5	952.132	41.2	6063.241	50.8603	28.2643	2.5758	1.1117	2.3005	1.3161	0.7042	-65.9	-31.1	-27.8	
B22	IsotubeOut no	954.5	956.323	41.3	2944.247	43.9983	22.5784	2.2315	1.5594	0.3289	0.3488	8.9471	-64.9	-30.7	-28	
B22	IsotubeOut no	957.5	959.466	41.4	15295.87	67.051	29.0682	2.5238	1.3841	1.9148	1.6504	3.7997	-64.1	-30.2	-27.7	-180
B22	IsotubeOut no	967.5	969.451	41.7	34829	12	2	0	0	0	0	0				
B22	IsotubeOut no	977.5	979.38	41.9	8933.137	29.1174	15.3269	1.6952	0.7934	2.2356	1.6576	4.2123	-65	-30.5	-27.6	
B22	IsotubeOut no	987.5	989.309	42.2	13587.72	30.5477	15.2179	1.6167	0.8845	1.6143	0.9393	3.2174	-64.2	-30.4	-27.4	-174
B22	IsotubeOut no	997.5	999.239	42.5	4969	2	0	0	0	0	0	0				
B22	IsotubeOut no	1007.5	1009.168	42.8	9341.909	18.5542	9.797	1.2876	0.6695	2.2119	1.3884	0.8759				
B22	IsotubeOut no	1017.5	1019.098	43.1	7841.609	12.5071	6.4879	1.0033	0.5358	0.124	0.2215	3.0146				
B22	IsotubeOut no	1027.5	1029.027	43.4	7681.121	10.6917	4.7017	0.7777	0.4652	0.4995	0.4279	3.9442				
B22	IsotubeOut no	1037.5	1038.957	43.7	8084.395	11.1782	3.7974	0.7337	0.3454	0.1897	0.3068	1.7185	-63.1	-30.9		
B22	IsotubeOut no	1047.5	1048.886	43.9	6148.781	8.6867	2.504	0.522	0.3513	0.3936	0.3636	3.1149				
B22	IsotubeOut no	1057.5	1058.816	44.2	9158.933	11.9306	2.1033	0.4422	0.3058	0.066	0.1291	7.8313	-61.1	-30.2		-166
B22	IsotubeOut no	1067.5	1068.745	44.5	8462.515	11.3212	1.7762	0.0772	0.8795	1.905	0.533	4.5078				
B22	IsotubeOut no	1077.5	1078.675	44.8	2565.096	5.8055	0.5529	0.1706	0.1498	0.3705	0.2125	5.4411	-59.1			
B22	IsotubeOut no	1087.5	1088.604	45.1	2523.314	5.8329	0.5698	0.1144	0.168	0.0932	0.3042	7.6706				
B22	IsotubeOut no	1092.5	1093.771	45.2	38951.38	130.0054	1.0615	0.0203	0.0084	0.1527	0.286	6.1647	-56.2	-27.6		
B22	IsotubeOut no	1098.5	1100.033	45.4	38785.87	138.4718	0.8609	0.0183	0.038	0.2308	0.198	3.1023	-56.1	-27.2		-168
B22	IsotubeOut no	1099.5	1101.077	45.5	996	3	1	0	0	0	0	0				
B22	IsotubeOut no	1102.5	1104.208	45.5	150	1	1	0	0	0	0	0				
B22	IsotubeOut no	1104.5	1106.295	45.6	33130.02	104.7012	0.7871	0.0257	0.0257	0.3652	0.4163	6.3069	-55.9	-27.4		
B22	IsotubeOut no	1105.5	1107.338	45.6	6567	18	0	0	0	0	0	0				
B22	IsotubeOut no	1108.5	1110.469	45.7	18735	52	0	0	0	0	0	0				
B22	IsotubeOut no	1110.5	1112.556	45.8	21542.7	68.2471	0.5374	0.0404	0.3218	0.2025	0.4156	7.8637	-55.9	-27.6		
B22	IsotubeOut no	1111.5	1113.6	45.8	21123	66	0	0	0	0	0	0				
B22	IsotubeOut no	1114.5	1116.731	45.9	18312	63	0	0	0	0	0	0				
B22	IsotubeOut no	1116.5	1118.818	46	8130.201	33.4227	0.4822	0	0	0	0	0	-56.3	-28.5		
B22	IsotubeOut no	1117.5	1119.862	46	15197	50	0	0	0	0	0	0				
B22	IsotubeOut no	1120.5	1122.992	46.1	21826	70	1	0	0	0	0	0				
B22	IsotubeOut no	1122.5	1125.08	46.1	4673.955	24.0165	0.2517	0.122	0.509	0.0429	0.0399	9.0734	-57.2	-28.8		
B22	IsotubeOut no	1123.5	1126.123	46.2	16818	57	0	0	0	0	0	0				
B22	IsotubeOut no	1126.5	1129.254	46.3	16560	56	0	0	0	0	0	0				
B22	IsotubeOut no	1128.5	1131.341	46.3	8883.665	29.032	0.2567	0.0042	0.3651	0.0733	0.1216	4.5574	-56.1	-27.9		
B22	IsotubeOut no	1129.5	1132.385	46.4	16063	55	0	0	0	0	0	0				
B22	IsotubeOut no	1132.5	1135.516	46.4	11746	45	0	0	0	0	0	0				
B22	IsotubeOut yes	1134.5	1137.603	46.5	10802.79	33.4311	2.6584	0.0888	0.4489	0.5647	0.3069	6.0669	-56.2	-27.5		-172
B22	IsotubeOut yes	1135.5	1138.532	46.5	9493	38	0	0	0	0	0	0				
B22	IsotubeOut yes	1138.5	1141.319	46.6	8522	28	0	0	0	0	0	0				
B22	IsotubeOut yes	1140.5	1143.176	46.7	17171.57	38.8938	0.6942	0	0.0052	0.1108	0.0152	7.0077	-56.9	-27.8		
B22	IsotubeOut yes	1141.5	1144.105	46.7	6713	22	0	0	0	0	0	0				
B22	IsotubeOut yes	1144.5	1146.892	46.8	6607	22	0	0	0	0	0	0				
B22	IsotubeOut yes	1146.5	1148.75	46.8	20591.95	39.9423	0.8866	0.0298	0.6502	0.2296	0.1792	4.8666	-57.5	-28.9		-169
B22	IsotubeOut yes	1147.5	1149.679	46.9	5767	22	0	0	0	0	0	0				
B22	IsotubeOut yes	1153.5	1155.252	47	11408.91	23.5061	0.5935	0.032	0.2151	0.0179	0.0173	4.9888	-58.4	-28.5		
B22	IsotubeOut yes	1157.5	1158.796	47.1	9903.141	20.4041	0.535	0	0	0	0	0				
B22	IsotubeOut yes	1167.5	1167.229	47.4	16005.2	27.866	0.7238	0.0044	0.6481	0.2151	0.3093	8.1927	-59	-29		
B22	IsotubeOut yes	1177.5	1177.039	47.6	14568.14	20.8584	1.4151	0	0	0	0	0				
B22	IsotubeOut yes	1187.5	1187.44	47.9	10155.95	14.9083	0.3839	0.001	0.0009	0.0002	0.0074	3.6928				
B22	IsotubeOut yes	1197.5	1197.841	48.2	13962.21	16.9897	0.9155	0	0	0	0	0	-62.1	-31		-174
B22	IsotubeOut no	1207.5	1208.242	48.5	7274.433	10.6445	0.3297	0	0.0006	0.0001	0.0308	2.737				
B22	IsotubeOut no	1217.5	1218.642	48.8	13341.45	11.5745	0.6524	0.087	0.1446	0.4775	0.3542	7.7834				
B22	IsotubeOut no	1227.5	1229.043	49.1	20665.17	14.9001	1.0141	0.0711	0.0798	0	0	5.4513	-65.1	-35.9		

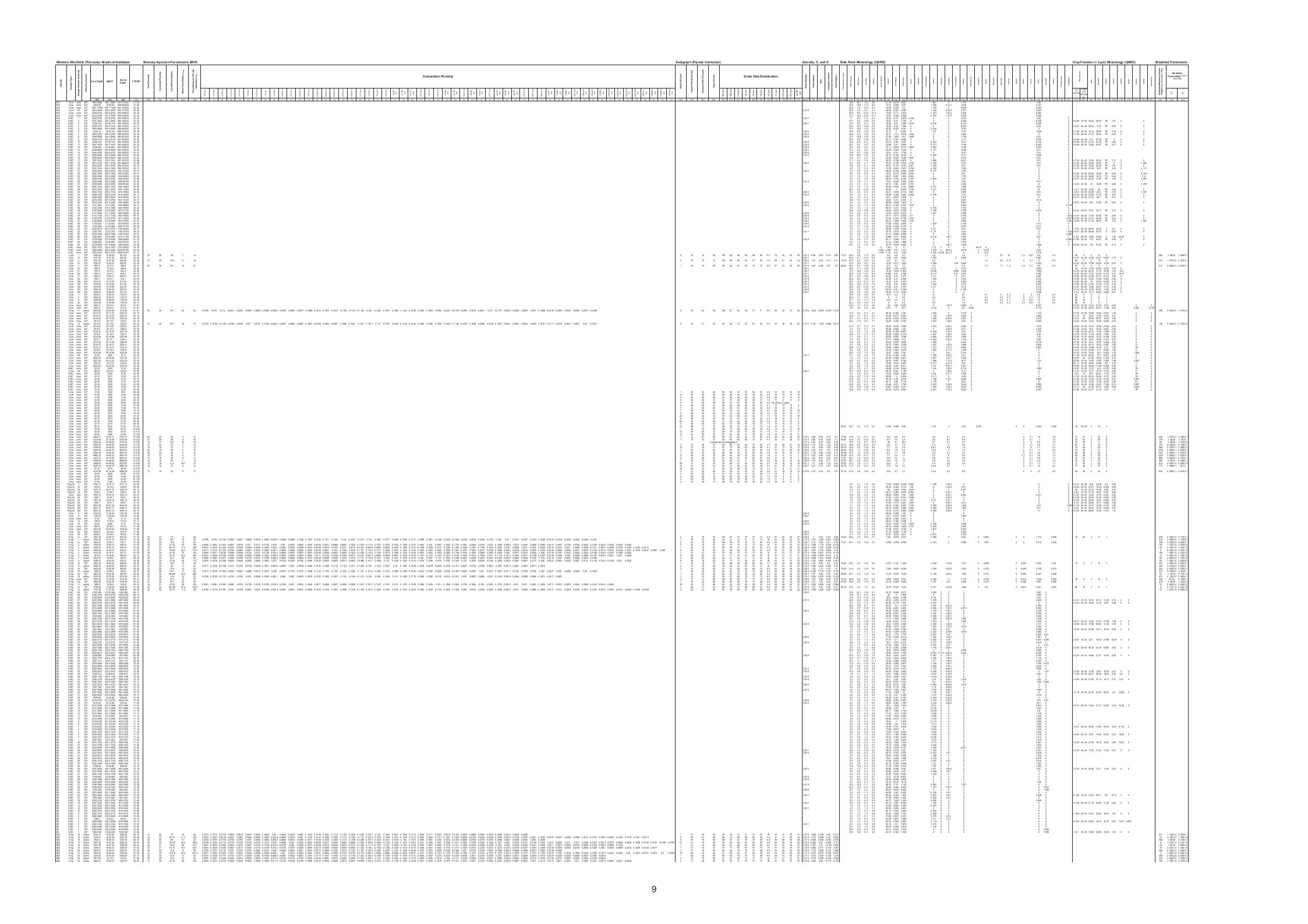
B22	IsotubeOut no	1237.5	1239.875	49.4	22063.41	13.3547	1.3632	0	0	0	0	0				
B22	IsotubeOut no	1247.5	1250.706	49.8	19026.98	13.0305	0.8177	0.0488	0.0966	0.1167	0.226	0.7254				
B22	IsotubeOut no	1257.5	1261.337	50.1	17836.78	9.6493	0.7759	0	0	0	0	0	-66.2	-37.7		
B22	IsotubeOut no	1267.5	1271.166	50.3	11055.59	5.5997	0.3001	0.0635	0.0369	0.1549	0.1638	2.3047				
B22	IsotubeOut no	1277.5	1280.995	50.6	12085.77	6.2678	0.4462	0	0	0	0	0				
B22	IsotubeOut no	1287.5	1290.824	50.9	16071.41	7.8428	0.5295	0.058	0.0759	0	0	0				
B22	IsotubeOut no	1297.5	1300.653	51.2	16059.58	7.841	0.5885	0	0	0	0	0	-66.2	-38.4		-180
B22	IsotubeOut no	1307.5	1310.482	51.5	16395.35	9.2178	1.0131	0.0011	0.0003	0.0004	0.0003	114.0939				
B22	IsotubeOut no	1317.5	1320.311	51.8	14617.59	7.7767	0.6639	0	0	0	0	0				
B22	IsotubeOut no	1327.5	1330.14	52	14378.65	8.0358	0.75	0	0	0	0	0				
B22	IsotubeOut no	1337.5	1339.969	52.3	17614.3	11.8982	0.6252	0.2204	0.0294	0.3131	0.3498	26.0113	-66.2	-36.8		
B22	IsotubeOut no	1347.5	1349.798	52.6	9102.591	7.4365	0.4861	0	0	0	0	0				
B22	IsotubeOut no	1357.5	1359.627	52.9	2933.554	4.7731	0.5151	0	0	0	0	0				
B22	IsotubeOut no	1367.5	1369.421	53.2	14739.01	12.0591	0.8049	0.0156	0.0472	0.2457	0.1612	3.795				
B22	IsotubeOut no	1377.5	1379.131	53.5	24614.39	24.9417	1.5005	0.0565	0.0109	0.112	0.1055	2.4358	-65.4	-35.9		
B22	IsotubeOut no	1387.5	1388.841	53.7	18082.01	23.5479	0.1406	0.0578	0.0871	0.0401	0.0997	4.7999	-64.2	-34.7		-176
B22	IsotubeOut no	1397.5	1398.551	54	10500.73	15.8876	0.8786	0.0057	0.0352	0.083	0.1323	33.269				
B22	IsotubeOut no	1407.5	1408.261	54.3	11423.32	19.7213	0.9513	0.0405	0.1265	0.0823	0.2638	4.9884	-63.8	-35		
B22	IsotubeOut no	1417.5	1417.971	54.6	15268.36	27.422	1.227	0.0116	0.0443	0.2701	0.182	4.9663				
B22	IsotubeOut no	1427.5	1427.681	54.9	350.6629	1.5866	0.1467	0	0	0	0	0				
B22	IsotubeOut no	1437.5	1437.441	55.1	9361.78	22.2153	0.969	0.016	0.0499	0.011	0.0482	2.8012				
B22	IsotubeOut no	1447.5	1447.319	55.4	11080.89	29.947	1.0338	0.0354	0.059	0.0661	0.1334	1.997				
B22	IsotubeOut no	1457.5	1457.197	55.7	14726.17	53.4408	1.9468	0.0283	0.0561	0.0091	0.0623	2.1259				
B22	IsotubeOut no	1467.5	1467.074	56	18270.98	76.7809	2.9872	0	0	0	0	0	-61	-31.5		
B22	IsotubeOut no	1477.5	1476.952	56.3	13833.44	65.2506	2.7874	0	0	0	0	0				
B22	IsotubeOut no	1483.5	1482.879	56.4	14290.48	66.8363	3.0274	0.043	0.0998	0.0255	0.0646	3.1031				
B22	IsotubeOut no	1489.5	1488.806	56.6	13033.73	64.7756	3.6207	0	0	0	0	0	-59.6	-31.2		-175
B22	IsotubeOut no	1495.5	1494.732	56.8	12766.07	63.8854	3.3254	0	0	0	0	0				
B22	IsotubeOut no	1501.5	1500.659	57	7405.739	40.7679	2.1884	0	0	0	0	0				
B22	IsotubeOut no	1507.5	1506.586	57.1	12581.53	74.749	5.8842	0.0667	0.091	0.1229	0.0579	7.8472				
B22	IsotubeOut no	1513.5	1512.513	57.3	3520.463	34.3329	2.4887	0	0	0	0	0				
B22	IsotubeOut no	1519.5	1518.439	57.5	14258.12	100.2026	7.4371	0	0	0	0	0	-57.3	-30.5		
B22	IsotubeOut no	1525.5	1524.366	57.6	13568.9	99.9239	7.8747	0	0	0	0	0				
B22	IsotubeOut no	1531.5	1530.293	57.8	15949.68	137.3685	12.0039	0.8591	2.0935	0.0462	0.1785	1.3427				
B22	IsotubeOut no	1537.5	1536.219	58	16618.88	148.0119	14.2705	0.5581	2.3058	0.1543	0.3286	3.1794				
B22	IsotubeOut no	1543.5	1542.155	58.2	14978.13	133.5648	12.552	0.4985	1.8473	0	0	0	-54.6	-30		-170
B22	IsotubeOut no	1549.5	1548.131	58.3	14283.87	128.9914	12.1408	0.5079	1.8725	0	0	0				
B22	IsotubeOut no	1555.5	1554.108	58.5	12690.82	118.2489	11.5963	0.3523	1.7569	0	0	0				
B22	IsotubeOut no	1561.5	1560.084	58.7	13381.49	140.4492	16.061	0.7084	2.1623	0	0	0				
B22	IsotubeOut no	1567.5	1566.061	58.8	16699.06	188.6534	23.3617	1.4111	3.0251	0.295	0.2575	7.1925	-52.4	-29.4	-25.9	
B22	IsotubeOut no	1570.5	1569.049	58.9	23236.85	297.7603	41.0966	2.7647	5.2324	0.1579	0.36	0.559				
B22	IsotubeOut no	1573.5	1572.038	59	32585.97	439.3416	64.2332	4.7231	8.5851	0.2091	0.7099	2.7526	-51	-30.3	-26.5	-168
B22	IsotubeOut no	1576.5	1575.026	59.1	27244.39	373.1099	52.5678	3.3318	7.9379	0.1898	0.6671	4.8325				
B22	IsotubeOut no	1579.5	1578.014	59.2	22060.91	273.0227	37.7929	2.5762	5.1816	0.0276	0.0817	0.2455				
B22	IsotubeOut no	1582.5	1581.003	59.3	14388.66	169.0267	21.769	1.2491	2.8683	0.0984	0.2347	10.0679	-51.8	-29.5	-25.9	
B22	IsotubeOut no	1585.5	1583.991	59.4	10940.63	124.6307	15.8775	0.8456	2.1481	0.0173	0.0459	12.8273				
B22	IsotubeOut no	1591.5	1589.967	59.5	10880	129.2306	18.0725	1.1629	2.733	0	0	0				
B22	IsotubeOut no	1597.5	1595.944	59.7	13115.28	150.9099	20.3987	1.3595	2.909	0.0232	0.0231	9.1634	-52.1	-29.3	-25.4	-168
B22	IsotubeOut no	1603.5	1601.921	59.9	11288.55	118.6225	18.6314	0.9668	2.1794	0.1917	0.1929	14.2087				
B22	IsotubeOut no	1609.5	1607.897	60	10762.14	107.3255	12.3388	0.7132	2.0084	0.0243	0.0515	6.2077				
B22	IsotubeOut no	1615.5	1613.874	60.2	8373.722	81.3231	9.5553	0.5975	1.6282	0.1437	0.1322	7.7103				
B22	IsotubeOut no	1627.5	1625.827	60.6	12843.1	111.9378	9.7398	0.5746	1.4049	0.0723	0.0912	8.973	-53.5	-30.6	-26.6	
B22	IsotubeOut no	1637.5	1635.788	60.9	22264.55	204.1739	14.0145	0.4543	1.7084	0	0	0	-53.4	-30.3	-26.9	-168
B22	IsotubeOut yes	1647.5	1645.61	61.1	7117.357	63.4663	5.9792	0.3647	0.849	0.0105	0.0737	2.5087				
B22	IsotubeOut yes	1657.5	1655.397	61.4	8215.128	77.2294	7.3398	0.2779	1.1236	0.172	0.0721	12.3911				
B22	IsotubeOut yes	1667.5	1665.184	61.7	7382.476	64.0705	6.1339	0.35	0.79	0.002	0.0781	12.9437				
B22	IsotubeOut yes	1677.5	1674.97	62	7478.644	64.9638	6.7614	0.2507	0.7901	0.0226	0.091	10.9001	-53.5	-30.6		
B22	IsotubeOut yes	1687.5	1684.757	62.3	8189.333	72.1437	7.1349	0.3773	0.9508	0.067	0.0629	9.5125				
B22	IsotubeOut no	1697.5	1694.544	62.5	8233.634	75.0171	7.9697	0.3761	0.8709	0.0644	0.1014	12.3592				
B22	IsotubeOut no	1705.5	1702.598	62.8	12987.11	142.4859	18.9949	1.1942	2.3518	0.2265	0.2768	7.8661	-52.7	-30.3	-27.1	
B22	IsotubeOut no	1711.5	1709.146	63	12771.43	134.0816	17.7146	0.9514	2.0461	0.0877	0.1687	13.2563				
B22	IsotubeOut no	1717.5	1715.693	63.2	9352.949	90.0509	10.4287	0.5221	1.5171	0.0338	0.0608	13.576				
B22	IsotubeOut no	1723.5	1722.24	63.3	8971.739	88.273	10.7943	0.554	1.1753	0.025	0.0567	13.4425				
B22	IsotubeOut no	1729.5	1728.696	63.5	15612.55	215.5816	37.1306	3.2207	5.3102	0.2388	0.5498	3.6897	-52.6	-29.7	-26.8	-173
B22	IsotubeOut no	1735.5	1734.697	63.7	6680.615	60.4144	8.0735	0.5995	1.0268	0.3456	0.1209	3.9112				
B22	IsotubeOut no	1741.5	1740.699	63.9	15915.05	178.1355	22.397	1.4499	3.1179	0.2342	0.2325	0.012				
B22	IsotubeOut no	1747.5	1746.7	64	11730.19	115.5824	14.5883	1.0329	2.2911	0.1125	0.1988	5.6665	-53.6	-30.2	-27	
B22	IsotubeOut no	1753.5	1752.701	64.2	8689.259	77.9852	9.1368	0.729	1.1796	0.109	0.2104	1.1263				
B22	IsotubeOut no	1759.5	1758.703	64.4	7999.23	72.5701	7.829	0.531	1.3602	0.1015	0.0936	1.3899				
B22	IsotubeOut no	1765.5	1764.704	64.6	11086.35	96.1573	8.984	0.5643	1.3098	0.0971	0.1033	12.0274				
B22	IsotubeOut no	1771.5	1770.705	64.7	11209.31	95.9798	8.9183	0.7018	1.3037	0.0926	0.0904	6.4723				
B22	IsotubeOut no	1777.5	1776.706	64.9	11513.74	93.0827	8.4595	0.6014	1.1668	0.1355	0.0638	8.3746	-55.3	-30.4	-27.1	-171
B22	IsotubeOut no	1783.5	1782.708	65.1	9263.776	70.5423	7.1086	0.6155	0.7707	0.1764	0.1195	1.997				
B22	IsotubeOut no	1789.5	1788.709	65.3	8043.265	68.4931	6.5131	0.4385	0.9705	0.0923	0.1276	4.0474				
B22	IsotubeOut no	1795.5	1794.71	65.4	9845.376	73.0495	6.5518	0.3843	0.9145	0.0629	0.0555	4.3081				
B22	IsotubeOut no	1801.5	1800.712	65.6	11735.52	88.1836	8.7575	0.7002	1.0791	0.1747	0.1802	4.274	-56.5	-30.4		
B22	IsotubeOut no	1807.5	1806.713	65.8	13106.11	98.2093	11.1085	0.8848	1.6021	0.2344	0.2007	10.4901				
B22	IsotubeOut no	1813.5	1812.714	65.9	12534.94	96.4312	12.395	0.9373	1.4366	0.0449	0.0866	0.5131	-58.1	-30.5		
B22	IsotubeOut no	1818.5	1817.715	66.1	41586.25	289.8797	51.6769	5.1771	7.6638	0.0988	0.8811	1.379	-60.2	-30	-26.7	-204
B22	IsotubeOut no	1821.5	1820.716	66.2	37720.05	264.7043	47.6779	4.3386	7.1549	0.1291	0.0874	1.6343				
B22	IsotubeOut no	1824.5	1823.717	66.3	39461.37	272.4388	48.5911	4.6616	7.2586	0.1527	0.0756	2.1664	-60.3	-29.9	-26.7	
B22	IsotubeOut no	1827.5	1826.717	66.3	35599.59	239.3258	42.1688	3.9882	6.2445	0.0847	0.0497	2.8182				
B22	IsotubeOut no	1830.5	1829.718	66.4	33000.25	213.4468	36.8525	3.4394	5.4459	0.082	1.3116	3.1127				
B22	IsotubeOut no	1833.5	1832.582	66.5	31192.74	197.8851	34.6017	3.1231	4.5709	0.1108	0.0743	1.0675	-60.5	-30	-26.6	
B22	IsotubeOut no	1836.5	1835.378	66.6	29850.22	181.594	30.9979	2.5976	4.3969	0.0118	0.0361	3.8658				
B22	IsotubeOut no	1839.5	1838.174	66.7	25356.36	146.7811	24.6934	2.0909	3.4105	0.1202	0.0562	4.2644				
B22	IsotubeOut no	1842.5	1840.97	66.8	20997.31	116.0473	19.2985	1.4072	2.9062	0.0508	0.0492	5.5213	-61.2	-30.6	-27.1	-172
B22	IsotubeOut no	1848.5	1846.562	66.9	1690.172	17.0863	4.4299	0.5243	0.7887	0.0559	0.0395	3.4037				
B22	IsotubeOut no	1854.5	1852.154	67.1	8393.027	50.6372	8.7144	0.6986	1.3081	0.5438	0.3268	5.422				
B22	IsotubeOut no	1860.5	1857.745	67.2	34063.19	247.8873	27.7053	1.5679	2.7337	0.0902	0.0897	4.6126	-58.4	-31.7	-28.3	-174
B22	IsotubeOut no	1866.5	1863.337	67.4	7354.286	36.0408	4.6941	0.2575	0.3063	0.1858	0.2344	7.019				
B22	IsotubeOut no	1872.5	1868.929	67.6	9430.84	37.1066	4.2876	0.4157	0.3166	0.0488	0.0459	1.853				
B22	IsotubeOut no	1878.5	1874.521	67.7	7117.192	28.213	3.1654	0.1397	0.3763	0.0378	0.0454	2.8567				
B22	IsotubeOut no	1884.5	1880.283	67.9	9687.448	28.5816	2.7441	0.2004	0.4215	0.3381	0.1124	6.5945				
B22	IsotubeOut no	1890.5	1886.895	68.1	14655.6	36.0349	3.1537	0.128	0.535	0.1455	0.239	4.619	-62.6	-32.9		
B22	IsotubeOut no	1896.5	1893.507	68.3	12757.98	30.0916	2.7537	0.1381	0.4878	0.1874	0.1735	4.4282				
B22	IsotubeOut no	1902.5	1900.119	68.5	8966.502	21.5667	2.2503	0.1391	0.4192	0.2651	0.2473	4.8268				
B22	IsotubeOut yes	1908.5	1906.731	68.7	8171.259	19.8274	2.053	0.1101	0.3973	0.2495	0.3485	4.5455				
B22	IsotubeOut yes	1914.5	1912.765	68.8	13404.42	23.9348	2.0312	0.0996	0.322	0.119	0.3513	3.8767				
B22	IsotubeOut yes	1920.5	1918.684	69	10445.98	22.5027	1.9196	0.0783	0.3726	0.1118	0.3712	4.2725				
B22	IsotubeOut yes	1926.5	1924.603	69.2	9277.791	20.5582	1.8025	0.071	0.1262	0.2627	0.2455	4.8962	-62.6	-33.1		-164
B22	IsotubeOut yes	1932.5	1930.522	69.3	8374.645	19.9575	1.8444	0.0962	0.1276	0.2147	0.3291	5.167				
B22	IsotubeOut yes	1938.5	1936.441	69.5	8301.148	21.454	1.81	0.0682	0.1394	0.0317	0.0324	3.1451				
B22	IsotubeOut yes	1944.5	1942.36	69.7	10437.34	27.3754	2.2118	0.0599	0.3004	0.2646	0.3133	3.4633				
B22	IsotubeOut yes	1950.5	1948.279	69.9	9334.452	31.0131	2.5794	0.0711	0.2211	0.1673	0.318	4.9234				
B22	IsotubeOut yes	1956.5	1954.198	70	8435.809	26.5242	2.4117	0.0831	0.3365	0.1147	0.1498	5.2329	-61.4	-32		
B22	IsotubeOut yes	1962.5	1960.117	70.2	7124.896	23.8496	2.166	0.0889	0.2339	0.0881	0.0512	5.4481				
B22	IsotubeOut yes	1968.5	1966.036	70.4	3604.425	14.8597	1.5392	0.0455	0.1216	0.0735	0.189	4.3195				
B22	IsotubeOut no	1974.5	1971.955	70.5	4413.333	17.0087	1.5473	0.052	0.0867	0.0179	0.1085	4.5202				
B22	IsotubeOut no	1980.5	1977.874	70.7	5601.097	23.5503	1.7901	0.0855	0.2079	0.0659	0.2116	4.896				
B22	IsotubeOut no	1986.5	1983.793	70.9	6515.242	25.8434	2.7043	0.1996	0.1693	0.0343	0.0706	4.7391				
B22	IsotubeOut no	1992.5	1989.712	71	6205.771	20.8096	1.8217	0.0359	0.1722	0.1756	0.1762	5.9989	-61.3	-32.1		-168
B22	IsotubeOut no	1998.5	1995.631	71.2	5581.658	17.6524	1.3824	0.0489	0.0652	0.1836	0.3434	2.3339				
B22	IsotubeOut no	2004.5	2001.577	71.4	6826.15	18.4937	1.4402	0.0404	0.1109	0.0738	0.1906	4.0991				
B22	IsotubeOut no	2010.5	2010.5	71.6	7253.8	18.8374	1.4028	0.0406	0.083	0.0129	0.0512	3.973				
B22	IsotubeOut no	2016.5	2016.5	71.8	7435.196	19.1655	2.8262	0.3888	0.371	1.3718	0.4986	1.0558	-63.2	-32.9		
B22	IsotubeOut no	2022.5	2022.5	72	6904.817	18.0652	1.5039	0.0373	0.0327	0.4499	0.3889	5.1097				
B22	IsotubeOut no	2028.5	2028.5	72.2	7599.163	18.7336	1.4924	0.2816	0.1869	0.3449	0.3213	4.2859	-61.8	-32.8		-171
B22	IsotubeOut no	2034.5	2034.5	72.3	2949.743	10.0099	0.9508	0.0469	0.0456	0.0336	0.1488	5.4433				
B22-ST1	IsotubeOut unknown	877.5		39	1822.983	1.6749	1.3177	0	0	0	0	0				
B22-ST1	IsotubeOut unknown	887.5		39.3	1836.773	1.3616	0.4321	0	0	0	0	0				
B22-ST1	IsotubeOut unknown	897.5		39.6	1977.815	1.1035	0.6187	0	0	0	0	0				
B22-ST1	IsotubeOut unknown	907.5		39.9	2583.151	1.0536	0.4619	0.425	0.1637	0	0	0				
B22-ST1	IsotubeOut unknown	917.5		40.2	2308.365	1.1374	0.5041	0	0	0	0	0				

B22-ST1	IsotubeOut unknown	927.5		40.5	3169.067	1.7819	0.5665	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	937.5		40.7	6420.624	1.8784	0.472	0.0093	0.0428	0	0	0					
B22-ST1	IsotubeOut unknown	947.5		41	5817.13	1.775	0.4832	0.0078	0.0279	0	0	0					
B22-ST1	IsotubeOut unknown	957.5		41.3	9537.341	2.6359	0.569	0.0478	0.0429	0	0	0					
B22-ST1	IsotubeOut unknown	967.5		41.6	34829.03	12.0625	2.0246	0.0236	0.0927	0	0	0					
B22-ST1	IsotubeOut unknown	977.5		41.9	8634.302	3.5839	0.9611	0.0095	0.0677	0	0	0					
B22-ST1	IsotubeOut unknown	987.5		42.2	2496.374	1.6618	0.6684	0.0059	0.116	0	0	0					
B22-ST1	IsotubeOut unknown	997.5		42.5	4968.527	2.4931	0.4662	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	1007.5		42.8	2508.031	2.2209	0.7185	0.0093	0.0829	0	0	0					
B22-ST1	IsotubeOut unknown	1017.5		43	1341.942	1.9174	0.64	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	1027.5		43.3	2082.5	2.6728	0.4234	0.0106	0.0432	0	0	0					
B22-ST1	IsotubeOut unknown	1037.5		43.6	768.2807	1.5094	0.6214	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	1047.5		43.9	2273.112	3.4923	0.7946	0.0086	0.081	0	0	0					
B22-ST1	IsotubeOut unknown	1057.5		44.2	2043.233	3.4288	0.436	0.0054	0.0489	0	0	0					
B22-ST1	IsotubeOut unknown	1067.5		44.5	1759.522	3.4875	0.5483	0.012	0.0241	0	0	0					
B22-ST1	IsotubeOut unknown	1077.5		44.8	1514.679	3.4761	0.6187	0.0075	0.0344	1.7092	2.2626	5.3953					
B22-ST1	IsotubeOut unknown	1087.5		45.1	982.7055	3.013	0.774	0.014	0.0635	0	0	0					
B22-ST1	IsotubeOut unknown	1099.5		45.4	995.9723	2.9252	0.5659	0.0068	0.0157	0	0	0					
B22-ST1	IsotubeOut unknown	1102.5		45.5	149.5982	1.0726	0.8379	0.0081	0.0347	0	0	0					
B22-ST1	IsotubeOut unknown	1105.5		45.6	6566.771	17.9835	0.1284	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	1108.5		45.7	18735.01	52.2749	0.3922	0	0.0437	0	0	0					
B22-ST1	IsotubeOut unknown	1111.5		45.8	21123.29	66.1183	0.4994	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	1114.5		45.8	18311.58	63.0556	0.453	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	1117.5		45.9	15197.13	49.8803	0.3687	0	0.0537	0	0	0					
B22-ST1	IsotubeOut unknown	1120.5		46	21826.38	70.0424	0.5048	0	0.0431	0	0	0					
B22-ST1	IsotubeOut unknown	1123.5		46.1	16818.33	56.8966	0.4255	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	1126.5		46.2	16560.09	56.2422	0.4995	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	1129.5		46.3	16062.82	54.8289	0.4575	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	1132.5		46.4	11745.82	45.418	0.3398	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	1135.5		46.4	9492.84	37.8377	0.3067	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	1138.5		46.5	8522.006	27.6792	0.3139	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	1141.5		46.6	6713.065	21.5021	0.2317	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	1144.5		46.7	6606.941	21.7185	0.2565	0	0	0	0	0					
B22-ST1	IsotubeOut unknown	1147.5		46.8	5767.179	22.0825	0.2157	0	0	0	0	0					
B24	IsotubeOut no	585.5	585.5	31.5	4153.624	1.1348	1.9137	0.5218	0.3938	2.143	1.2411	5.3002	-63				-204
B24	IsotubeOut no	645.5	645.5	33.3	2534.983	0.4133	0.4233	0.1122	0.1296	0.9631	0.6172	8.8302					
B24	IsotubeOut no	705.5	705.5	35.1	4769.362	0.7541	0.5372	0.0799	0.0142	0.6385	0.3293	5.8853	-61.4				
B24	IsotubeOut no	765.5	765.5	36.9	2054.289	0.5533	0.3286	0.1971	0.0675	0.1296	0.1413	4.6928					
B24	IsotubeOut no	825.5	825.5	38.8	3435.648	0.513	0.2746	0.1657	0.0162	0.1832	0.1483	3.9182	-66.9				-247
B24	IsotubeOut no	885.5	885.5	40.6	891.2031	0.1993	0.1219	0.0765	0.0132	0.4299	0.3555	9.9211					
B24	IsotubeOut no	945.5	945.5	42.4	1862.428	1.1179	0.1256	0.0558	0.034	0.2623	0.1878	2.2697	-66.1				
B24	IsotubeOut no	1005.5	1005.5	44.2	2083.549	2.3402	0.1535	0.0283	0.0317	0.0811	0.0806	0.4553					
B24	IsotubeOut no	1065.5	1065.5	46	4885.201	10.2947	0.2469	0.0269	0.0224	0.0895	0.0888	0.2248	-63.1	-28.3			-201
B24	IsotubeOut no	1105.5	1114.936	47.5	2951.352	14.2687	0.3354	0.0551	0.0063	0.5994	0.696	1.346					
B24	IsotubeOut no	1155.5	1162.58	49	3050.252	21.7001	0.4881	0.083	0.5212	1.234	1.7164	2.4084	-62.4	-30.4			
B24	IsotubeOut no	1205.5	1213.092	50.5	4399.162	22.1312	0.5432	0.0401	0.3583	0.5694	1.1515	0.3228					
B24	IsotubeOut no	1215.5	1223.198	50.8	4833.145	22.0592	0.5098	0.057	0.1761	0.5378	1.2296	1.7114	-63.2	-31.6			-168
B24	IsotubeOut no	1225.5	1233.304	51.1	6215.177	28.1002	0	0	0	0	0	0	-62.9	-31.5			-164
B24	IsotubeOut no	1235.5	1243.41	51.4	4527.306	23.4562	0.4715	0.0314	0.2607	0.6936	1.2229	1.8987	-61.2	-31.7			-179
B24	IsotubeOut no	1255.5	1263.621	52	3425.62	24.9748	0.3168	0.0326	0.2159	0.4161	0.6719	3.274					
B24	IsotubeOut no	1265.5	1273.727	52.3	3991.408	30.3127	0.3054	0.0418	0.5211	0.629	1.4149	5.1104	-57.7	-31.1			-164
B24	IsotubeOut no	1276.5	1284.844	52.7	2304.857	34.5185	0.6318	0.0607	1.5652	0.9487	0.8859	1.8639					
B24	IsotubeOut no	1285.5	1293.647	52.9	1629.465	19.1001	0.5218	0.05	0.4078	0.5192	0.1206	3.1731	-55.6	-30.3			-169
B24	IsotubeOut no	1291.5	1299.459	53.1	1141.222	16.4754	0.4872	0	0	0	0	0	-55	-30.6			
B24	IsotubeOut no	1297.5	1305.794	53.3	859.9901	15.4741	0.5609	0	0	0	0	0					
B24	IsotubeOut yes	1300.5	1309.013	53.4	30612.6	343.4052	3.462	0.0468	9.0575	0	0	0	-54.7	-30		-27.4	-171
B24	IsotubeOut yes	1306.5	1315.452	53.6	20193.05	233.4166	3.9266	0.051	7.5948	0	0	0					
B24	IsotubeOut yes	1312.5	1321.891	53.8	18537.87	216.0314	3.943	0.0835	7.0167	0	0	0	-54.8	-29.5			
B24	IsotubeOut yes	1318.5	1328.409	54	19668.72	213.9559	4.3736	0.1073	6.1091	0	0	0					
B24	IsotubeOut yes	1324.5	1335.084	54.2	44552.56	408.5092	5.4465	0.1423	9.6782	0.221	0.4592	2.8321	-56.7	-31.2		-27.7	-194
B24	IsotubeOut yes	1330.5	1341.248	54.4	10877.68	129.8601	2.5356	0.113	4.5144	0.2558	0.6969	0.6629					
B24	IsotubeOut yes	1336.5	1347.157	54.6	17931.1	201.3512	3.7734	0.1782	6.6482	0.2742	0.6392	1.7218	-57	-31		-27.3	
B24	IsotubeOut yes	1342.5	1353.17	54.7	19517.71	217.7404	4.4472	0.1525	6.177	0.4574	0.7529	0.5372					
B24	IsotubeOut yes	1348.5	1359.29	54.9	29649.62	303.4226	4.6397	0.2288	8.3235	0.3033	0.487	1.2995	-57.5	-31.5		-27.9	-172
B24	IsotubeOut yes	1354.5	1365.306	55.1	22135.62	269.3202	3.4931	0.1729	8.273	0.1577	0.2617	0.1511					
B24	IsotubeOut yes	1360.5	1371.115	55.3	17532.62	224.1415	3.6832	0.1915	8.5016	0.401	0.39	0.0154	-54.5	-29.8		-27.4	-168
B24	IsotubeOut yes	1366.5	1376.925	55.5	28472.21	304.4784	4.4899	0.2664	9.025	0.3662	0.5305	1.6106					
B24	IsotubeOut yes	1372.5	1382.067	55.6	32147.04	328.8714	4.3318	0.1713	8.6244	0.2724	1.1371	1.1102	-56.2	-31.2		-27.8	-168
B24	IsotubeOut yes	1378.5	1386.543	55.8	43558.62	454.0987	5.4668	0.2747	10.6963	0.1721	0.6341	0.2587					
B24	IsotubeOut yes	1384.5	1391.018	55.9	6668.051	107.7936	2.4109	0.0684	4.3963	0.4121	0.3793	0.3008	-54.2	-30			-170
B24	IsotubeOut yes	1390.5	1396.636	56.1	5908.734	100.7374	2.3081	0.1227	4.6102	0.2715	0.3525	1.0104					
B24	IsotubeOut yes	1396.5	1404.539	56.3	23395.97	244.7189	3.9487	0.1407	6.8394	0.2726	0.5486	2.1789	-57.9	-31.7			-169
B24	IsotubeOut yes	1402.5	1412.442	56.5	9839.103	111.9356	1.2821	0.0418	3.653	0.074	0.0695	1.6397					
B24	IsotubeOut yes	1408.5	1416.922	56.7	8070.886	102.0333	1.0163	0.0807	3.8998	0.262	0.1854	0.3577	-55	-31			-162
B24	IsotubeOut yes	1414.5	1421.403	56.8	2296.206	54.5477	1.7013	0.0597	2.7576	0.1023	0.4056	0.9256					
B24	IsotubeOut yes	1420.5	1425.884	56.9	12658.01	137.0411	2.7781	0.1618	4.6421	0.2585	0.3574	2.2257	-55.6	-30.4			-171
B24	IsotubeOut yes	1426.5	1433.067	57.2	21327.93	209.036	3.5272	0.119	6.0444	0.216	0.3298	0.0245					
B24	IsotubeOut yes	1432.5	1441.601	57.4	33070.1	321.9113	4.2785	0.3036	8.0665	0.2128	0.5293	1.2079	-57.2	-31.9		-27.9	-173
B24	IsotubeOut yes	1438.5	1449.837	57.7	409.2236	7.3772	3.5617	1.8005	1.1305	6.3419	3.9852	1.271					
B24	IsotubeOut yes	1444.5	1456.581	57.9	45.6978	1.0963	0	0	0	0	0	0					
B24	IsotubeOut yes	1450.5	1462.69	58.1	63.3555	1.2148	0	0	0	0	0	0					
B24	IsotubeOut yes	1456.5	1468.671	58.2	63.2005	1.7697	0	0	0	0	0	0					
B24	IsotubeOut yes	1462.5	1474.653	58.4	96.7229	2.6466	0	0	0	0	0	0					
B24	IsotubeOut yes	1468.5	1480.635	58.6	2785.53	47.1941	1.6601	0.0906	2.4579	0.1939	0.2162	1.8582	-55.3	-31.8			-163
B24	IsotubeOut yes	1474.5	1486.616	58.8	3829.212	66.0148	1.8918	0.1506	2.7291	0.1439	0.5476	2.7236					
B24	IsotubeOut yes	1480.5	1492.598	59	2553.716	44.4123	1.2295	0.0981	1.9974	0.176	0.2599	3.2851	-56	-31.8			
B24	IsotubeOut yes	1486.5	1498.58	59.1	5531.739	79.1987	1.4841	0.1098	2.7055	0.1825	0.3296	2.7169					
B24	IsotubeOut yes	1492.5	1504.561	59.3	5101.965	65.9644	1.3227	0.0995	2.4747	0.1597	0.2059	2.1949	-55.9	-31.3			-165
B24	IsotubeOut yes	1498.5	1510.543	59.5	5117.071	62.7165	1.2094	0.0787	2.1469	0.206	0.1538	5.6231					
B24	IsotubeOut yes	1504.5	1516.525	59.7	4350.994	52.4103	1.0947	0.0749	2.0711	0.2649	0.1146	0.06	-57.1	-31.6			
B24	IsotubeOut yes	1510.5	1522.506	59.9	3582.434	44.0186	0.9183	0.0662	2.0801	0.0648	0.0843	4.8456					
B24	IsotubeOut yes	1516.5	1528.488	60.1	3130.734	46.9714	0.88	0.0675	2.3842	0.2355	0.1102	3.1833	-58.3	-31.5			-173
B24	IsotubeOut no	1522.5	1535.581	60.3	4492.969	52.391	0.9255	0.0742	2.347	0.2031	0.1557	1.2684					
B24	IsotubeOut no	1528.5	1542.896	60.5	5394.376	52.761	0.9283	0.0696	2.4033	0.2968	0.1057	0.169	-58.9	-31.6			
B24	IsotubeOut no	1534.5	1550.211	60.7	3385.806	35.7285	0.8409	0.0494	1.9935	0.1357	0.1752	0.2201					
B24	IsotubeOut no	1545.5	1562.923	61.1	5971.978	46.1803	0.9861	0.1562	1.5575	0.1917	0.1617	3.5066	-60.2	-31.7			-167
B24	IsotubeOut no	1565.5	1582.646	61.7	4234.755	34.3303	0.7351	0.0497	1.9174	0.1604	0.0995	1.604					
B24	IsotubeOut no	1585.5	1602.368	62.3	1777.15	16.9972	1.0193	0.1149	1.631	0.1539	0.1435	4.0958	-61.7	-31.8			
B24	IsotubeOut no	1605.5	1622.09	62.9	5613.75	35.3052	1.0803	0.0566	1.2419	0.1932	0.1409	0.7888					
B24	IsotubeOut no	1615.5	1631.952	63.2	6001.97	37.4385	1.2292	0.0935	1.3108	0.1433	0.0617	0.7837	-60.6	-32			-167
B24	IsotubeOut no	1625.5	1641.813	63.5	3910.943	27.1952	1.04	0.0821	1.1519	0.1945	0.0984	3.3975					
B24	IsotubeOut no	1645.5	1658.263	64	2301.39	23.8861	1.4192	0.2681	0.9508	0.1734	0.1264	1.4682	-58.7	-32			
B24	IsotubeOut no	1665.5	1674.35	64.5	2095.585	27.2451	2.9146	0.1339	1.0382	0.2206	0.2447	0.7957					
B24	IsotubeOut no	1679.5	1685.611	64.8	2364.065	39.7492	6.5109	0.5762	1.9656	0.1799	0.4502	4.2778	-55.4	-31.6			-164
B24	IsotubeOut no	1682.5	1688.024	64.9	3399.701	49.0257	7.1445	0.565	2.1182	0.1646	0.3444	1.6991					
B24	IsotubeOut no	1685.5	1690.437	65	2494.739	37.2008	5.4649	0.329	1.2413	0.3345	0.2285	0.998	-55	-31.3			
B24	IsotubeOut yes	1688.5	1692.85	65	8528.657	134.6889	23.1147	2.166	4.3771	0.3214	0.5741	0.6975	-53.8	-30.6	-27.3		-162
B24	IsotubeOut yes	1691.5	1695.263	65.1	11308.88	179.5118	31.7705	2.7991	5.0788	0.3455	0.6666	1.5255	-53.1	-30.3	-27.9		
B24	IsotubeOut yes	1694.5	1697.676	65.2	16860.46	277.5667	50.4628	5.0156	8.3339	0.8888	1.7681	0.2294	-52.9	-30.8	-28.7	-28.1	-172
B24	IsotubeOut yes	1697.5	1700.089	65.3	19752.79	331.4714	60.3763	6.8331	10.1967	2.0015	2.7917	0.1962	-52.7	-30.7	-27.2	-27.7	-168
B24	IsotubeOut yes	1700.5	1702.67	65.3	10377.62	181.0628	34.0495	3.4599	5.8288	0.985	1.4816	1.3053	-52.6	-30.2	-27.2	-28.1	
B24	IsotubeOut yes	1703.5	1705.586	65.4	7530.599	140.7091	28.2094	3.0665	5.2017	0.996	1.4739	2.1178	-52.6	-30.5	-27.7		-161
B24	IsotubeOut yes	1706.5	1708.502	65.5	7945.152	130.549	22.5393	2.074	4.0939	0.9067	1.0771	1.7801	-52.9	-30.3	-27.9		
B24	IsotubeOut yes	1709.5	1711.418	65.6	1716.584	28.6264	5.3047	0.3878	1.0145	0.2748	0.1612	1.1844	-53.5	-31			-192
B24	IsotubeOut yes	1712.5	1714.333	65.7	2592.128	39.4962	5.9539	0.4761	2.0348	0.229	0.3425	0.8623	-54.4	-30.9			
B24	IsotubeOut yes	1715.5	1717.249	65.8	2898.854	46.7192	8.6595	0.7028	2.1215	0.2809	0.3223	0.7692					
B24	IsotubeOut yes	1718.5	1720.165	65.9	4243.3	65.0373	11.2669	0.9497	2.6973	0.3025	0.4655	1.8981	-53.7	-30.7	-27		-165
B24	IsotubeOut yes	1721.5	1723.081	65.9	5847.552	91.2563	17.2369	1.6553	3.2813	0.3227	0.4844	2.7469					
B24	IsotubeOut yes	1724.5	1725.997	66	6345.599	97.9774	17.9739	1.7461	3.5459	0.7328	1.1647	1.0455	-53.5	-30.4	-26.9		
B24	IsotubeOut yes	1727.5	1728.913	66.1	6730.272	95.4727	21.1986	2.4347	3.9555	1.5014	2.0998	0.0274					
B24	IsotubeOut yes	1730.5	1731.829	66.2	5781.938	90.6105	23.0028	3.33	5.0397	1.0816	1.9522	1.11	-54.8	-30.8	-27.2		-170
B24	IsotubeOut yes	1733.5	1734.744	66.3	5723.523	92.3588	26.1898	4.1078	6.0847	1.3624	2.2413	0.4787					
B24	IsotubeOut yes	1736.5	1737.66	66.4	1754.552	41.5244	15.7513	2.714	3.583	1.0248	1.3868	0.7731					
B24	IsotubeOut yes	1739.5	1740.576	66.5	4719.762	83.9103	18.24	2.1931	3.822	0.7055	1.311	2.0499	-54.4	-30.5	-26.8		-166

B24	IsotubeOut yes	1742.5	1743.492	66.6	3718.732	65.4109	14.7455	1.6074	3.1133	0.6917	1.1078	0.8538						
B24	IsotubeOut yes	1745.5	1746.725	66.7	4787.917	77.0458	15.973	1.7464	3.4373	0.7804	1.257	0.4358	-55.5	-30.3	-26.8			
B24	IsotubeOut yes	1748.5	1750.59	66.8	4388.417	65.2284	13.5032	1.4196	3.0416	0.7975	1.1383	1.4879						
B24	IsotubeOut yes	1751.5	1754.456	66.9	3781.578	51.3373	10.8298	1.5302	2.5031	0.6036	0.9607	0.3284	-56.4	-30.6	-27.2			-176
B24	IsotubeOut yes	1754.5	1758.321	67	3480.923	43.7497	9.4028	1.0159	2.4627	0.6378	1.058	1.3102						
B24	IsotubeOut yes	1757.5	1762.187	67.1	4199.352	47.8547	9.4871	0.994	2.4525	0.9913	1.413	1.1996	-57.1	-30.7	-27.2			
B24	IsotubeOut no	1763.5	1769.918	67.4	3327.724	37.2936	7.6075	0.7747	2.3501	0.8361	1.2585	2.5194						
B24	IsotubeOut no	1769.5	1776.783	67.6	1980.793	35.3899	9.14	1.1561	2.6516	0.871	1.16	0.7861						
B24	IsotubeOut no	1775.5	1782.783	67.8	2396.227	34.4433	9.7095	1.7053	3.0689	1.0734	1.2953	0.6029	-57.2	-30.8	-27.4			-175
B24	IsotubeOut no	1787.5	1787.5	67.9	1344.914	19.3266	6.3216	1.0959	2.299	1.0517	1.0564	0.6703	-58.3	-31.1				
B24	IsotubeOut no	1781.5	1788.783	67.9	1157.019	18.6708	6.5589	1.2924	2.506	0.9447	1.1612	2.2026						
B24	IsotubeOut no	1793.5	1793.5	68.1	1103.393	16.4328	5.48	1.1835	1.8865	0.739	0.8409	1.6955						
B24	IsotubeOut no	1799.5	1799.5	68.3	1489.044	19.2139	5.4929	0.8746	1.7944	0.7926	0.9259	0.1984	-58.7	-31.2				-176
B24	IsotubeOut no	1805.5	1805.5	68.4	1746.836	16.3361	4.0875	0.5459	1.6187	0.7481	0.9605	0.8802						
B24	IsotubeOut no	1811.5	1811.5	68.6	1946.906	18.1322	3.7305	0.6814	1.6367	0.9123	1.1746	0.4693	-59.2	-31.4				
B24	IsotubeOut no	1817.5	1817.5	68.8	2328.419	20.4209	4.0854	0.7324	1.4666	1.0319	1.199	3.2586						
B24	IsotubeOut no	1822.5	1822.5	69	2899.627	27.5488	5.4423	0.9966	1.9161	0.9273	1.0654	1.7326						
B25	IsotubeOut yes	581.54		30.9	6713.988	0	0	0	0	0	0	0						
B25	IsotubeOut no	631.54		32.4	198.0352	0	0	0	0	0	0	0						
B25	IsotubeOut no	681.54		33.8	3987.881	0	0	0	0	0	0	0						
B25	IsotubeOut no	731.54		35.3	9683.155	2.3628	0	0	0	0	0	0	-65.4					-159
B25	IsotubeOut no	781.54		36.8	9683.155	2.3628	0	0	0	0	0	0						
B25	IsotubeOut no	831.54		38.3	9389.214	4.8788	0.9655	0	0	0	0	0						
B25	IsotubeOut no	881.54		39.7	16510.51	9.9462	1.3919	0	0	0	0	0	-66.5	-35.8				-191
B25	IsotubeOut no	931.54		41.2	6772.203	7.2993	0.9461	0	0	0	0	0						
B25	IsotubeOut no	981.54		42.7	7069.089	9.5733	1.0383	0	0	0	0	0	-67.1	-34.8				
B25	IsotubeOut no	1031.54		44.2	8346.276	17.6577	2.1422	0.1988	0.7643	0.5757	0.5148	1.6096						
B25	IsotubeOut no	1081.54		45.6	9398.725	33.7174	3.6207	0.0989	1.3177	0.629	0.8452	1.5905	-64.8	-32.3				-177
B25	IsotubeOut no	1131.54		47.1	9456.736	33.7228	3.6418	0.2418	1.336	0.9509	0.9469	1.9359						
B25	IsotubeOut no	1181.54		48.6	7772.882	33.8254	2.3726	0.1014	0.7712	0.7035	0.8341	1.4804	-64.4	-32.1				-182
B25	IsotubeOut no	1231.54		50.1	3954.279	21.2448	1.1909	0.0509	0.7362	0.6738	0.5829	1.7551						
B25	IsotubeOut no	1281.54		51.5	3289.738	18.0083	0.9353	0.0901	0.6525	0.7747	0.7978	5.4648	-61.8	-32.9				
B25	IsotubeOut no	1331.54		53	53.5842	0.2811	0	0	0	0	0	0						
B25	IsotubeOut no	1381.54		54.5	7107.135	42.7157	3.3147	0.0503	2.1397	1.1357	1.0314	6.0212						
B25	IsotubeOut no	1415.54		55.5	18468.62	117.3882	11.102	0.4277	8.176	1.271	1.8537	1.6004	-64.8	-31.8	-24.7			-184
B25	IsotubeOut no	1481.54		57.4	6422.441	19.7932	1.9527	0.1475	0.7869	0.5491	0.6824	5.8812	-66.6	-33.6				
B25	IsotubeOut no	1531.54		58.9	3857.758	3.253	0.6791	0.1321	0.303	0.4383	0.5833	2.5618						
B25	IsotubeOut no	1581.54		60.4	12391.33	9.2362	1.6775	0.0885	0.799	1.3052	1.1868	17.4883						
B25	IsotubeOut no	1610.54		61.3	32819.85	18.4418	4.4499	0.1716	1.4194	0.6971	1.1261	13.5275	-68	-44.8				-189
B25	IsotubeOut no	1631.54		61.9	32428.22	17.2853	4.8342	0.137	1.0568	0.5377	0.7881	1.4086						
B25	IsotubeOut no	1678.54		63.3	20759.33	10.675	3.0427	0.1105	0.7481	0.74	0.788	2.1029	-67.9	-48				-186
B25	IsotubeOut no	1684.54		63.4	14501.62	6.2408	1.0483	0.03	0.4038	0.5395	0.5613	1.9579						
B25	IsotubeOut no	1731.54		64.8	4502.592	2.9209	3.0618	0.0717	0.452	0.9769	0.4842	2.3075						
B25	IsotubeOut no	1781.54		66.3	3905.296	2.9629	2.83	0.065	0.3077	1.1591	0.5713	1.749	-65.9					
B25	IsotubeOut no	1831.54		67.8	4524.316	8.2803	3.6054	0.1272	0.1918	0.9153	0.3436	2.0699	-64.5	-37.2				
B25	IsotubeOut no	1881.54		69.2	806.385	4.8382	2.8441	0.1565	0.2127	0.9034	0.454	1.8246						
B25	IsotubeOut no	1931.54		70.7	36.4603	0	0	0	0	0	0	0						
B25	IsotubeOut no	1981.54		72.2	37.9746	0	0	0	0	0	0	0						
B25	IsotubeOut no	2031.54		73.7	2172.961	3.866	2.8386	0.083	0.0753	1.087	0.3383	2.5881	-63.7					-164
B25	IsotubeOut no	2081.54		75.1	1967.253	3.7487	3.6798	0.0706	0.31	0.9261	0.3428	2.4065						
B25	IsotubeOut no	2131.54		76.6	2205.404	3.7492	3.523	0.1348	0.1623	0.885	0.5622	2.5704	-63.4					
B25	IsotubeOut no	2181.54		78.1	2041.716	6.9422	3.9544	0.2137	0.1405	0.9059	0.4837	2.8955	-63					-150
B25	IsotubeOut no	2231.54		79.6	361.9091	1.964	2.0809	0.1459	0.1184	0.8961	0.4941	2.4665						
B25	IsotubeOut no	2281.54		81	334.6492	3.4893	2.3502	0.0766	0.2221	0.5617	0.2816	2.9018						
B3	IsotubeOut no	1000		45.8	15500	7	3	0	1	0	0	0	-67.26					-179.6
B3	IsotubeOut no	1050		47.4	5550	3	1	0	0	0	0	0						
B3	IsotubeOut no	1100		49.1	33600	24	8	1	2	0	1	1	-66.84					
B3	IsotubeOut no	1150		50.7	11100	7	2	0	0	0	0	0						
B3	IsotubeOut no	1200		52.3	8490	5	1	0	0	0	0	0	-66.59					
B3	IsotubeOut no	1250		53.9	15400	9	2	0	0	0	0	0						
B3	IsotubeOut no	1296		55.3	48800	43	13	1	6	0	2	1	-65.38					-177.5
B3	IsotubeOut no	1300		55.5	15800	10	2	0	1	0	0	0						
B3	IsotubeOut no	1303		55.6	180200	220	86	11	54	3	20	6	-65.19	-36.2	-30.9	-25	-23.6	-176.6
B3	IsotubeOut no	1310		55.8	17300	17	5	1	2	0	1	2						
B3	IsotubeOut no	1340		56.8	1510	1	0	0	0	0	0	0						
B3	IsotubeOut no	1370		57.7	10800	8	1	0	0	0	0	1	-66.13					
B3	IsotubeOut no	1400		58.7	11900	8	1	0	0	0	0	1						
B3	IsotubeOut no	1440		60	9320	6	1	0	0	0	0	0						
B3	IsotubeOut no	1470		60.9	16400	11	3	0	1	0	0	0	-65.21					-181.1
B3	IsotubeOut no	1500		61.9	10000	7	2	0	1	0	0	0						
B3	IsotubeOut no	1530		62.9	12300	9	2	0	1	0	0	0						
B3	IsotubeOut no	1560		63.8	10900	7	2	0	1	0	0	0	-65.06					
B3	IsotubeOut no	1590		64.8	8420	6	2	0	1	0	0	0						
B3	IsotubeOut no	1620		65.7	1150	1	0	0	0	0	0	0						
B3	IsotubeOut yes	1650		66.7	10600	37	8	0	1	0	0	0	-60.31	-30.7				-180.7
B3	IsotubeOut yes	1680		67.7	8690	52	8	1	1	0	0	0						
B3	IsotubeOut yes	1700		68.3	10500	67	11	1	2	0	0	0	-56.62	-29.4				
B3	IsotubeOut yes	1750		69.9	8010	51	8	1	1	0	0	0	-56.45	-29.4				
B3	IsotubeOut no	1800		71.5	5190	27	4	1	1	0	0	0						
B3	IsotubeOut no	1850		73.1	8380	20	2	0	0	0	0	0	-61.81	-31.2				
B3	IsotubeOut no	1900		74.7	15400	20	5	1	1	0	0	0						
B3	IsotubeOut no	1950		76.3	7460	6	1	0	0	0	0	0						
B3	IsotubeOut no	2000		77.9	15300	24	4	1	1	0	0	0	-61.12	-35.7				-193.2
B3	IsotubeOut no	2050		79.5	10300	18	2	0	0	0	0	0						
B3	IsotubeOut no	2100		81.2	3700	11	2	0	0	0	0	0	-59.84					
B3	IsotubeOut no	2140		82.4	4810	18	3	0	0	0	0	0						
B3	IsotubeOut no	2150		82.8	5500	24	3	0	0	0	0	1						
B3	IsotubeOut no	2160		83.1	3320	15	2	0	0	0	0	0						
B3	IsotubeOut no	2170		83.4	5900	26	4	1	1	0	0	0	-60.69	-32.7				
B3	IsotubeOut no	2180		83.7	6340	30	5	1	0	0	0	0						
B3	IsotubeOut no	2190		84	6210	29	5	1	0	0	0	0						
B3	IsotubeOut no	2200		84.4	6260	30	5	1	0	0	0	0	-60.61	-31				
B3	IsotubeOut no	2204		84.5	16300	125	51	24	4	3	2	1	-60.71	-33.2	-31.7	-30		-206
B3	IsotubeOut no	2210		84.7	15300	81	29	15	3	3	1	3						
B3	IsotubeOut no	2220		85	14300	74	26	14	2	2	1	3	-62.24	-33.6	-31.6	-29.4		-177.8
B3	IsotubeOut no	2230		85.3	15600	104	36	18	3	4	2	6						
B3	IsotubeOut no	2239		85.6	141200	1750	808	373	53	90	47	94	-60.49	-33	-31.6	-28.5	-32.4	-177.5
B3	IsotubeOut no	2240		85.6	16400	92	19	2	1	0	0	0	-55.5	-26.5	-23.4			
B3	IsotubeOut no	2250		86	3251.047	16.1794	7.1613	0.4875	1.0969	1.6868	0.6336	2.7935	-59					
B3	IsotubeOut no	2260		86.3	1702.58	11.2474	4.231	0.1201	0.1228	0.8739	0.3222	5.8632						
B9	IsotubeOut no	1118.47		48.7	3660	5	0	0	0	0	0	2	-64.6					
B9	IsotubeOut no	1125.47		49	1490	3	0	0	0	0	0	3	-63					
B9	IsotubeOut yes	1135.47		49.3	1570	3	0	0	0	0	0	2	-63.1					
B9	IsotubeOut yes	1156.47		49.9	3150	5	0	0	0	0	0	2	-65.2					
B9	IsotubeOut yes	1170.47		50.4	8010	17	0	0	1	0	0	2	-62.8					
B9	IsotubeOut yes	1185.47		50.8	5210	12	0	0	0	0	0	3	-63					
B9	IsotubeOut yes	1200.47		51.3	3830	10	0	0	0	0	0	2	-62.5					
B9	IsotubeOut yes	1215.47		51.8	3220	8	0	0	0	0	0	2						
B9	IsotubeOut yes	1230.47		52.3	3150	8	0	0	0	0	0	2						
B9	IsotubeOut no	1245.47		52.7	5410	12	0	0	0	0	0	2	-64.5					
B9	IsotubeOut no	1260.47		53.2	3210	8	0	0	0	0	0	2						
B9	IsotubeOut no	1275.47		53.7	4290	9	0	0	0	0	0	1						
B9	IsotubeOut no	1290.47		54.1	2960	6	0	0	0	0	0	2						
B9	IsotubeOut no	1305.47		54.6	3490	7	0	0	0	0	0	2	-64.1					
B9	IsotubeOut no	1320.47		55.1	3450	5	0	0	0	0	0	2						
B9	IsotubeOut no	1335.47		55.5	2430	4	0	0	0	0	0	2						
B9	IsotubeOut no	1350.47		56	4910	5	0	0	0	0	0	2	-65.3					
B9	IsotubeOut no	1365.47		56.5	3190	4	0	0	0	0	0	3						
B9	IsotubeOut no	1380.47		56.9	3590	4	0	0	0	0	0	2						
B9	IsotubeOut no	1395.47		57.4	3530	3	0	0	0	0	0	2						
B9	IsotubeOut no	1410.47		57.9	4980	6	0	0	0	0	0	2	-65.3					
B9	IsotubeOut no	1425.47		58.4	2920	3	0	0	0	0	0	2						
B9	IsotubeOut no	1430.47		58.5	1750	3	0	0	0	0	0	2						

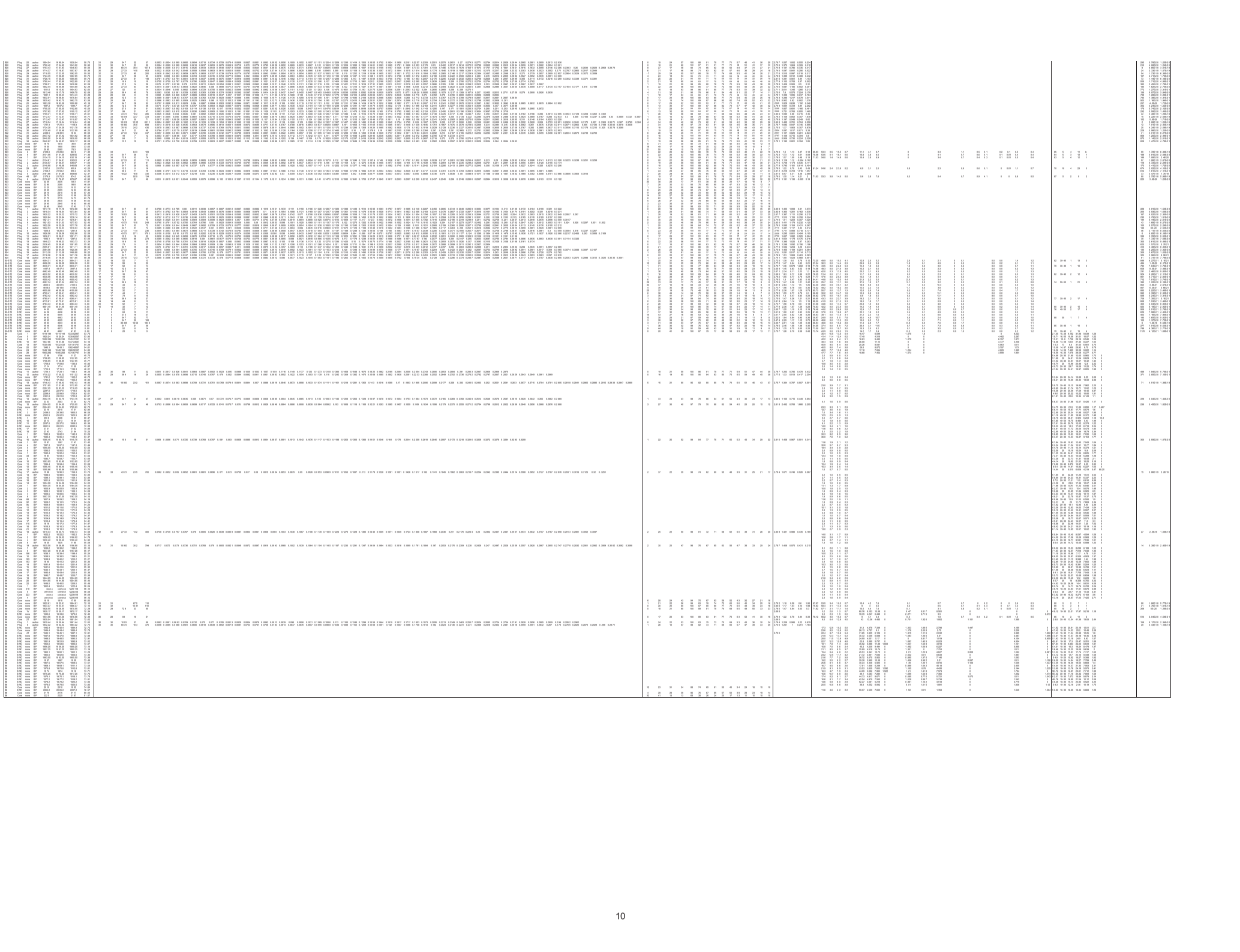
Western Nile Delta (Pliocene): Bulk MDT gas dataset

Well ID	Sample Type	Seismic Reflector	Burial Depth	FTEMP	C1	C2	C3	nC4	iC4	nC5	iC5	C6+	CO_2	N_2	O_2	H_2S	H_2	Ar	He	$\delta^{13}C1$	$\delta^{13}C2$	$\delta^{13}C3$	$\delta^{13}Cn4$	$\delta^{13}Ci4$	$\delta^{13}Ci5$	$\delta^{13}C\text{-}CO_2$	δD1
unitless	unitless	unitless	m	°C	mol%	mol%	mol%	mol%	mol%	mol%	mol%	mol%	mol%	mol%	mol%	mol%	mol%	mol%	mol%	‰	‰	‰	‰	‰	‰	‰	‰
B1	MDT	no	995.247	43.4	98.597	0.584	0.04	0.01	0.013	0	0		0.074	0.682			0			-41.98	-20.77						
B1	MDT	yes	1067.79	45.6	97.466	1.742	0.433	0.04	0.041	0.002	0.008	0	0.099	0.169			0										
B1	MDT	yes	1068.704	45.6	97.486	1.746	0.463	0.04	0.043	0.002	0.006	0	0.104	0.11			0		0.0013	-45.55	-27.35	-25.15					
B1	MDT	yes	1073.581	45.7	90.226	0.735	0.062	0.007	0.007	0	0	0	0.176	8.787			0										
B10	MDT	yes	1004.669	43.9	98.42	0.602	0.024	0.03	0.03	0.005	0.006	0	0.821	0.063	0.04		0	0	0	-40.7	-22.28	-19.05					
B10	MDT	yes	1013.204	44.1	98.291	0.671	0.018	0.03	0.032	0.005	0.007	0	0.813	0.133	0.02		0	0	0	-40.75	-21.61	-18.49					
B11	MDT	no	1080.522	49.3	98.416	0.68	0.07	0.027	0.035	0.005	0.031	0.093	0.093	0.643			0			-65.73	-31.91						
B11	MDT	no	1130.205	50.9	98.237	1.35	0.07	0.016	0.027	0.013	0.013	0.055	0.055	0.211	0.021		0	0	0	-63.09	-29.57						
B11	MDT	no	1140.873	51.3	98.198	1.37	0.098	0.014	0.025	0.012	0.011	0.046	0.046	0.212	0.0054		0	0	0	-63.17	-29.69						
B12	MDT	yes	669.5	34.7																-58.6	-30.4						
B13	MDT	yes	1066.94	47.2	99.318	0.353	0.094	0.011	0.012	0.008	0.009	0	0.076	0.119			0			-66.02	-35.13						
B15	MDT	no	971.5	44.4	97.85	1.523	0.065	0.005	0.007	0.008	0.006	0	0	0.335	0	0.2	0	0	0								
B15	MDT	yes	1016.5	45.9	97.498	1.709	0.073	0.006	0.01	0.004	0.005	0	0	0.509	0	0.186	0	0	0								
B15	MDT	yes	1501	61.2	94.675	0.46	0.26	0.141	0.194	0.11	0.07		0.286	3.804	0.286	0											
B15	MDT	yes	1501.5	61.2	97.183	0.252	0.097	0.04	0.055	0.025	0.016	0	0	0.107	0	2.235	0	0									
B19	MDT	yes	947.8	48	99.03	0.52	0.04	0	0.01	0	0.01	0.04	0.22	0.13						-52.66	-25.95	-12.66				3.92	-174.1
B19	MDT	yes	963.5	48.5	99.06	0.51	0.04	0	0.01	0	0	0.03	0.26	0.08						-52.83	-26.11	-12.9				4.66	-172.4
B19	MDT	yes	980.2	49.1	99.12	0.5	0.03	0	0.01	0	0	0.03	0.27	0.03						-52.73	-26.22	-13.38				5	-169.2
B19	MDT	yes	1002	49.9	99.01	0.51	0.03	0	0.01	0	0.01	0.03	0.34	0.05						-52.9	-26.07	-12.27				6.12	-172.6
B19	MDT	yes	1033	51	99.01	0.47	0.03	0	0.01	0	0.01	0.04	0.37	0.06			0			-52.99	-26.12	-12.22				6.4	-179.6
B19	MDT	yes	1067.5	52.3	98.6	0.84	0.08	0.02	0.11	0.01	0.05	0.09	0.14	0.04						-51.75	-26.59	-15.16	-19.21	-25.15		2.19	-172.3
B19	MDT	yes	1193	56.8	96.428	2.177	0.07	0.03	0.288	0.01	0.129	0.666	0.119	0.07						-53.27	-28.44	-15.4	-21.88	-27.56		1.59	-176.4
B19	MDT	no	1260	59.2	96.61	2.19	0.07	0.02	0.28	0.01	0.14	0.15	0.5	0.05						-54.17	-28.32	-11.95	-18.05	-27.01		2.41	-177.5
B2	MDT	no	1477.211	67.7	91.347	4.361	1.899	0.771	0.328	0.21	0.308	0.511	0.114	0.149	0.007		0	0	0	-53.6	-28.94	-26.68	-26.85	-28.7			
B2	MDT	yes	1560.726	70.7	92.24	4.045	1.715	0.403	0.636	0.246	0.22	0.293	0.087	0.219	0.0089		0	0	0	0.0011	-53.73	-29.02	-26.75	-26.86	-28.7			
B2	MDT	yes	1571.09	71.1	92.4	4.045	1.618	0.379	0.599	0.159	0.237	0.378	0.031	0.154	0.0082		0	0	0	0.0012	-53.7	-29.02	-26.65	-26.85	-28.61			
B2	MDT	no	1613.457	72.6	92.93	3.627	1.577	0.35	0.553	0.141	0.208	0.329	0.092	0.185	0.0051		0	0	0	0	-53.3	-29.06	-26.68	-26.69	-28.64			
B2	MDT	no	1614.371	72.7	92.63	3.662	1.53	0.353	0.555	0.146	0.213	0.274	0.124	0.18	0.0066		0	0	0	0.0012	-53.32	-29.06	-26.7	-26.78	-28.77			
B20	MDT	yes	1322.6	58.2	98.94	0.15	0.02	0.01	0	0.01	0.02	0.02	0.1	0.71						-63.01	-30.58					-13.65	-176
B20	MDT	yes	1369.6	59.8	98.62	0.2	0.03	0	0.01	0	0.01	0.01	0.44	0.67						-61.74	-29.88	-25.88				-15.68	-182
B20	MDT	yes	1447.5	62.4	98.73	0.15	0.02	0.01	0	0.03	0.03	0.04	0.06	0.92						-63.09	-30.3					-13.07	-175
B21	MDT	unknown	1132.021	49.3	91.345	4.552	2.301	0.463	0.697	0.097	0.283	0.131	0.086	0.093			0	0	0	0	-46.9	-28.06	-26.09	-26.19	-28.17			
B22	MDT	no	1115.8	45.9																-56.28	-27.46		-15.42	-23.64		-3.68	-172
B22	MDT	no	1122.1	46.1																-56.3	-27.39		-17.02	-23.9		-2.9	-174
B22	MDT	no	1125.2	46.1																-61.24	-28.23	-24.17	-31.42	-27.46		-16.39	-174
B22	MDT	no	1572.5	59																-51.36	-29.73	-26.48	-26.27	-26.28		-2.8	-170
B22	MDT	no	1573.5	59.1																-51.22	-29.76	-26.63	-26.34	-26.34		-1.92	-171
B22	MDT	no	1730	63.6																-52.63	-30.03	-26.75	-26.52	-27.61		-9.91	-175
B22	MDT	no	1746.8	64																-53.51	-30.39	-26.58	-25.93	-28.07		-15.65	-173
B22	MDT	no	1827.5	66.4																-60.07	-30.22	-26.78	-26.2	-27.55		-17.17	-187
B22	MDT	yes	1967.5	70.4																-60.43	-31.43	-28.51	-26.6	-28.5		-16.25	-193
B23	MDT	no	574	32.9																-43.44							
B23	MDT	no	724	37.8																-44.57							
B23	MDT	no	1248.7	55.3	68.942	10.749	5.22	2.383	2.589	1.403	1.774	1.939	2.558	0.048						-49.13	-28.64	-26.34	-26.59	-27.88		4.67	
B24	MDT	no	1287	52.7	93.82	5.26	0.1	0.03	0.65	0	0.1	0.01	0	0.04			0			-55.9	-29.3	-15.7	-18.5	-26.7			-189
B24	MDT	yes	1306.5	53.3	95.649	3.366	0.04	0.02	0.319	0	0.06	0.442	0.05	0.04			0			-55.3	-29.8	-9.7	-17.9	-26.2		-2.54	-183
B24	MDT	yes	1315.3	53.6	95.18	3.902	0.05	0.02	0.409	0	0.08	0.247	0.07	0.04			0			-45	-26.9	-8.7	-18.5	-25.9		-9.58	-178
B24	MDT	yes	1334.9	54.2	94.712	3.717	0.08	0.07	0.398	0.04	0.12	0.74	0.079	0.04			0			-55.1	-29.7	-15.8	-24.6	-26.7		0.06	-180
B24	MDT	yes	1375.5	55.4																-52.93	-29.34	-8.68	-15.55	-26.83		-1.99	-173.4
B24	MDT	yes	1409.5	56.4	95.458	3.532	0.05	0.02	0.359	0	0.08	0.277	0.13	0.08			0			-55.1	-29.6	-7.4	-17.9	-26.6		2.79	-181
B24	MDT	yes	1429.5	57.1	95.112	3.644	0.05	0.02	0.388	0	0.1	0.486	0.139	0.05			0			-54.7	-29.5	-7.5	-17.4	-26.6		2.96	-180
B24	MDT	no	1589.5	61.9	97.092	1.545	0.189	0.08	0.309	0	0.1	0.452	0.09	0.13			0			-62.6	-30.9	-22.9	-23.6	-27.4		-7.92	-186
B24	MDT	yes	1701.5	65.3	90.991	5.018	1.726	0.499	0.479	0.14	0.24	0.681	0.13	0.04			0			-41.5	-26.9	-25.1	-24.7	-25.6		-6.76	-179
B24	MDT	yes	1737.7	66.4	89.5416	4.4467	1.8982	0.7422	0.718	0.2399	0.4089	1.7726	0.0113	0.0644			0			-55.9	-30.4	-26.8	-26.2	-27.1			-182
B4	MDT	no	1373.353	54.9	97.3	2.22	0.028	0.0053	0.093	0	0.01	0.0061	0	0.13	0	0	0	0	0.21	-54.1	-29.6						-175
B4	MDT	no	2048.353	75.2	91.9	4.9	1.76	0.39	0.45	0.084	0.15	0.14	0	0.1	0	0	0	0	0	-52.2	-29.9	-26.7	-26.2	-27.1	-25.8		-169
B6	MDT	yes	1136	53	94.46	1.76	0.99	0.063	0.41	0.0024	0.068	0.12	0.08	1.64	0.39		0	0	0.018	0	-49.4	-28.1	-24.4		-28.1			-175
B6	MDT	no	1342.5	60.2	93.02	3.64	1.5	0.41	0.47	0.12	0.19	0.38	0.11	0.14	0.019		0	0	0.0014	0.0011	-45.6	-28.8	-27.1	-27.1	-28.1	-25.9		-168
B6	MDT	no	1514.5	66.1	93.23	3.63	1.44	0.37	0.44	0.1	0.16	0.26	0.19	0.16	0.014		0	0	0	0.0013	-45	-28.7	-27	-27.1	-27.9	-26.3		-170
B9	MDT	no	1122.47	48.9	98.89	0.74	0.0079	0.0021	0.0577	0	0.0082	0.0146									-62.78	-30.54						
B9	MDT	yes	1179.47	50.7	98.76	0.791	0.0084	0.0027	0.0648	0	0.0102	0.0244									-62.59	-30.13						
B9	MDT	no	1258.92	53.1	98.789	0.791	0.056	0.0013	0.005	0.014	0.005		0.103	0.225			0				-29	-25.9						



Western Nile Delta (Pliocene): Mudrock Database | Mercury Injection Porosimetry (MIP) | Sedgwick (Pipette Corrected) | Density, C, and S | Bulk Rock Mineralogy (QXRD) | Clay Fraction (< 2 µm) Mineralogy (QXRD) | Modelled Parameters

Cumulative Porosity | Grain Size Distribution



Well B19: SS-corrected CI parameters (5mm resampled)

Core Depth	MDRT	Burial Depth	Clave	CIvar	CImed	CImod	clay_norm	sand_norm	silt_norm	CrS_output	ChS_output	PHI_norm	FaciesID_Variation A
m	m	m	unitless	unitless	unitless	unitless	%	%	%	%	%	%	unitless
1600.005	1600.715	932.715	86.8	57.1	85.51	85.37	56.3233	0.814018	42.86268	23.75721	19.10547	35.0118	-9999
1600.01	1600.72	932.72	84.74	48.28	84.28	83.35	53.92044	2.25688	43.82268	18.02268	25.8	34.74328	-9999
1600.015	1600.725	932.725	85.38	23.03	84.91	85.06	59.51964	0.74802	39.73234	21.67709	18.05525	35.96972	-9999
1600.02	1600.73	932.73	84.11	28.06	83.43	83.59	61.09828	0.016938	38.88478	23.40966	15.47512	36.14368	-9999
1600.025	1600.735	932.735	83.61	21.26	83.3	83.41	60.33638	0.490291	39.17333	21.72292	17.45041	36.07601	-9999
1600.03	1600.74	932.74	85.69	75.64	84.15	84	54.79532	1.021875	44.18281	22.44909	21.73372	34.3925	-9999
1600.035	1600.745	932.745	87.65	137.21	84.91	84.82	47.39218	1.619338	50.98848	20.78098	30.2075	32.59074	-9999
1600.04	1600.75	932.75	86.97	20.12	86.75	86.53	56.82356	2.019381	41.15706	23.00304	18.15402	35.6268	-9999
1600.045	1600.755	932.755	88.39	18.87	88.2	87.44	55.58716	2.685513	41.72733	18.81246	22.91487	35.56927	-9999
1600.05	1600.76	932.76	93.85	67.6	91.99	91.31	51.7138	0.97993	47.30627	22.27034	25.03593	34.73255	-9999
1600.055	1600.765	932.765	91.73	68.28	90.47	89.06	48.84964	3.081923	48.06844	16.8623	31.20614	34.22141	-9999
1600.06	1600.77	932.77	88.55	54.7	87.06	85.81	56.8441	0.388582	42.76732	14.39202	28.3753	35.47604	-9999
1600.065	1600.775	932.775	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1600.08	1600.79	932.79	82.83	17.95	82.58	83.06	61.39	0.167819	38.44218	20.95426	17.48792	36.23599	-9999
1600.085	1600.795	932.795	85.11	255.72	79.8	77.13	40.96706	2.771813	56.26113	31.77051	24.49061	30.20153	-9999
1600.09	1600.8	932.8	87.34	327.04	81.46	77.72	26.07352	5.261742	68.66474	35.07207	33.59267	29.34594	-9999
1600.095	1600.805	932.805	85.09	52.93	83.31	82.45	62.70314	0	37.29686	12.81377	24.48309	34.49143	-9999
1600.1	1600.81	932.81	83.09	39.72	81.79	81.43	64.01996	0	35.98004	20.14263	15.83741	34.9086	-9999
1600.105	1600.815	932.815	83.59	38.03	82.4	80.56	63.11644	0	36.88356	14.78213	22.10143	35.4622	-9999
1600.11	1600.82	932.82	81.73	31.74	80.94	80.32	63.24982	0	36.75018	23.98067	12.76951	35.54697	-9999
1600.115	1600.825	932.825	81.85	32.23	81.27	81.49	61.39334	0	38.60666	16.13402	22.47264	35.86491	-9999
1600.12	1600.83	932.83	82.63	41.64	82.02	82	58.63102	0.690581	40.6784	27.17292	13.50548	35.38034	-9999
1600.125	1600.835	932.835	82.29	54.94	81.37	80.91	58.12772	0.650779	41.2215	14.25813	26.96337	35.12105	-9999
1600.13	1600.84	932.84	82.56	39.4	81.51	80.67	62.6475	0	37.3525	22.0758	15.2767	35.41897	-9999
1600.135	1600.845	932.845	82.29	36.27	81.89	82.23	58.61586	0.804397	40.57974	13.39348	27.18627	35.38189	-9999
1600.14	1600.85	932.85	80.61	29.17	79.91	79.55	64.20466	0	35.79534	11.35581	24.43953	35.36239	-9999
1600.145	1600.855	932.855	83.66	33.86	83.04	82.12	59.64368	0.446996	39.90932	20.30161	19.60771	35.92894	-9999
1600.15	1600.86	932.86	84.74	57.29	83.72	83.19	56.08002	1.150893	42.76909	12.63806	30.13103	34.89352	-9999
1600.155	1600.865	932.865	82.42	57.4	81.23	80.98	59.5053	0.124626	40.37007	18.23421	22.13586	35.30423	-9999
1600.16	1600.87	932.87	85.68	68.1	84.42	81.18	54.4592	1.38011	44.16069	16.58651	27.57418	35.0186	-9999
1600.165	1600.875	932.875	81.98	54.08	80.7	79.65	61.41104	0	38.58896	7.331648	31.25731	35.26093	-9999
1600.17	1600.88	932.88	79.98	35.41	78.98	78.39	65.59918	0	34.40082	23.75719	10.64363	34.92409	-9999
1600.175	1600.885	932.885	80.72	46.96	79.69	78.16	62.35578	0	37.64422	12.03294	25.61128	35.43256	-9999
1600.18	1600.89	932.89	79.57	58.47	78.17	76.54	63.49586	0	36.50414	16.36058	20.14356	34.94659	-9999
1600.185	1600.895	932.895	81.3	66.26	80.2	79.26	57.69408	0.71851	41.58741	28.49493	13.09248	34.8645	-9999
1600.19	1600.9	932.9	79.5	24.02	78.98	77.31	65.07716	0	34.92284	13.96532	20.95752	35.55205	-9999
1600.195	1600.905	932.905	80.59	44.16	79.42	78.4	64.23798	0	35.76202	15.6119	20.15012	35.00395	-9999
1600.2	1600.91	932.91	84.81	46.87	84.06	83.96	56.44476	1.289426	42.26581	28.52333	13.74248	35.04255	-9999
1600.205	1600.915	932.915	83.85	26.07	83.18	82.85	61.74156	0	38.25844	14.91277	23.34567	36.15173	-9999
1600.21	1600.92	932.92	84.93	41.76	83.8	82.56	60.51598	0	39.48402	19.25377	20.23025	35.86805	-9999
1600.215	1600.925	932.925	87.54	47.57	86.5	86.02	56.01126	1.219409	42.76933	11.73833	31.031	35.19586	-9999
1600.22	1600.93	932.93	88.56	53.65	87.55	86.55	53.369	2.053768	44.57723	30.77565	13.80158	34.81386	-9999
1600.225	1600.935	932.935	87.66	55.23	86.17	84.34	57.53464	0.219952	42.24541	23.27449	18.97092	35.63912	-9999
1600.23	1600.94	932.94	90.1	183.99	85.48	82.55	48.38742	0	51.61258	30.43723	21.17535	30.57415	-9999
1600.235	1600.945	932.945	90.91	212.53	86.28	82.96	40.81304	0	59.18696	33.52498	25.66198	31.88033	-9999
1600.24	1600.95	932.95	92.39	192.39	88.51	85.13	38.51282	0.940559	60.54662	34.22851	26.31811	32.24382	-9999
1600.245	1600.955	932.955	93.95	119.56	92.01	90.96	39.66748	4.143149	56.18937	30.06624	26.12313	32.77719	-9999
1600.25	1600.96	932.96	92.82	136.61	90.57	91.19	38.98348	3.742138	57.27438	27.00601	30.26838	32.15891	-9999
1600.255	1600.965	932.965	93.05	147.74	90.67	87.82	37.08592	3.965331	58.94875	39.24199	19.70675	32.5763	-9999
1600.26	1600.97	932.97	89.8	131.68	86.92	83.79	47.83744	0.789025	51.37353	32.33865	19.03489	33.52031	-9999
1600.265	1600.975	932.975	91.14	142.75	87.64	85.1	48.7307	0	51.2693	20.64494	30.62436	32.47515	-9999
1600.27	1600.98	932.98	89.79	76.78	88.32	85.69	50.20494	2.25531	47.53975	29.55962	17.98013	34.42088	-9999
1600.275	1600.985	932.985	86.56	65.15	84.45	82.4	60.951	0	39.049	7.48881	31.56019	34.3006	-9999
1600.28	1600.99	932.99	87.63	73.99	85.65	84.38	56.81982	0	43.18018	14.61613	28.56405	34.90609	-9999
1600.285	1600.995	932.995	88.18	51.39	87.07	85.61	55.04052	1.422389	43.53709	15.54487	27.99222	35.19316	-9999
1600.29	1601	933	83.34	40.46	82.35	81.26	61.20838	0	38.79162	13.94388	24.84774	35.7883	-9999
1600.295	1601.005	933.005	81	52.96	79.51	79.02	64.21118	0	35.78882	20.63005	15.15877	34.60911	-9999
1600.3	1601.01	933.01	81.01	41.03	79.56	78	66.77904	0	33.22096	23.97621	9.244746	34.63131	-9999
1600.305	1601.015	933.015	79.04	24.32	78.41	78.79	66.28026	0	33.71974	11.66356	22.05618	34.91864	-9999
1600.31	1601.02	933.02	81.2	63.34	79.49	77.91	63.22022	0	36.77978	18.97932	17.80046	34.68841	-9999
1600.315	1601.025	933.025	80.78	43.68	79.8	78.5	62.70684	0	37.29316	12.22331	25.06985	35.40856	-9999
1600.32	1601.03	933.03	79.91	34.16	79.02	78.2	65.11358	0	34.88642	7.326214	27.56021	35.10086	-9999
1600.325	1601.035	933.035	78.64	33.16	78.01	77.71	64.50898	0	35.49102	8.315283	27.17574	35.14773	-9999
1600.33	1601.04	933.04	81.23	26.66	80.66	79.76	63.23418	0	36.76582	11.0526	25.71322	35.7865	-9999
1600.335	1601.045	933.045	80.07	32.19	79.46	78.28	63.27312	0	36.72688	15.69281	21.03407	35.62117	-9999
1600.34	1601.05	933.05	81.44	41.47	80.88	80.57	59.37946	0.470234	40.15031	22.05184	18.09847	35.50455	-9999
1600.345	1601.055	933.055	81.75	34.51	80.84	80.21	63.49108	0	36.50892	19.31116	17.19776	35.38153	-9999
1600.35	1601.06	933.06	81.69	38.83	80.7	78.37	63.12084	0	36.87916	19.37659	17.50257	35.63112	-9999

1600.355	1601.065	933.065	81.61	59.89	80.21	77.22	61.27542	0	38.72458	8.684842	30.03974	35.48014	-9999
1600.36	1601.07	933.07	82.89	80.31	81.07	76.96	58.41118	0.080019	41.5088	24.36612	17.14268	35.44851	-9999
1600.365	1601.075	933.075	80.14	69.63	78.46	76.39	62.44074	0	37.55926	22.24707	15.31219	34.90393	-9999
1600.37	1601.08	933.08	78.74	64.94	76.71	73.61	67.57622	0	32.42378	22.91026	9.513518	34.46291	-9999
1600.375	1601.085	933.085	78.13	73.28	75.73	72.94	68.98664	0	31.01336	24.66006	6.353302	34.17654	-9999
1600.38	1601.09	933.09	74.8	41.36	73.57	72.18	70.70738	0	29.29262	15.6286	13.66402	34.42924	-9999
1600.385	1601.095	933.095	75.16	36.45	73.7	72.43	73.3469	0	26.6531	14.53391	12.11919	34.24642	-9999
1600.39	1601.1	933.1	75.29	31.24	74.02	73.13	73.01562	0	26.98438	15.91782	11.06656	34.23295	-9999
1600.395	1601.105	933.105	74.73	32.35	73.53	71.33	72.7197	0	27.2803	16.3096	10.9707	34.5026	-9999
1600.4	1601.11	933.11	76.02	57.39	73.65	71.22	74.54072	0	25.45928	19.76692	5.692361	34.15337	-9999
1600.405	1601.115	933.115	86.64	96.87	83.59	79.05	60.48616	0	39.51384	11.79292	27.72092	33.16625	-9999
1600.41	1601.12	933.12	82.68	46.81	81.41	80.13	62.44888	0	37.55112	19.23603	18.31509	35.24422	-9999
1600.415	1601.125	933.125	79.56	50.79	78.12	77.71	65.67362	0	34.32638	8.029021	26.29736	34.49152	-9999
1600.42	1601.13	933.13	81.49	64	79.98	78.73	61.2437	0	38.7563	11.71911	27.03719	35.04056	-9999
1600.425	1601.135	933.135	82.27	84.31	80.06	77.79	61.03608	0	38.96392	16.25222	22.7117	34.48083	-9999
1600.43	1601.14	933.14	81.14	85.51	79.53	79.14	57.13528	0.719596	42.14512	30.05437	12.09075	34.30043	-9999
1600.435	1601.145	933.145	79.53	68.35	78.11	76.89	61.2967	0	38.7033	8.30198	30.40132	35.08334	-9999
1600.44	1601.15	933.15	82.41	81.31	80.59	77.37	58.61078	0.084461	41.30476	10.5045	30.80026	35.26206	-9999
1600.445	1601.155	933.155	79.3	47.36	78.55	76.63	61.39538	0	38.60462	7.563743	31.04088	35.73515	-9999
1600.45	1601.16	933.16	78.28	62.51	77.06	75.28	62.30998	0	37.69002	15.70882	21.9812	35.19314	-9999
1600.455	1601.165	933.165	77.85	64.34	76.63	75.27	62.26272	0	37.73728	19.34489	18.39239	35.10923	-9999
1600.46	1601.17	933.17	76.6	43.15	75.69	74.78	66.1382	0	33.8618	17.38871	16.47309	34.7832	-9999
1600.465	1601.175	933.175	75.98	124.15	73.61	72.2	58.4216	1.247139	40.33126	30.04624	10.28502	33.48072	-9999
1600.47	1601.18	933.18	78.31	71.49	76.65	75	63.51922	0	36.48078	11.35274	25.12804	34.77476	-9999
1600.475	1601.185	933.185	84.17	58.79	82.94	80.29	57.86892	0.49086	41.64022	12.58855	29.05167	35.53992	-9999
1600.48	1601.19	933.19	81.77	39.19	81.56	79.63	56.91512	1.350706	41.73417	17.05437	24.6798	35.41459	-9999
1600.485	1601.195	933.195	80	74.66	78.04	76.53	63.52228	0	36.47772	22.38237	14.09535	34.47024	-9999
1600.49	1601.2	933.2	79.8	37.65	79.18	78.53	62.2777	0	37.7223	24.88797	12.83433	35.57864	-9999
1600.495	1601.205	933.205	74.47	25.24	74.11	73.24	68.16952	0	31.83048	21.02215	10.80833	34.68093	-9999
1600.5	1601.21	933.21	75.98	68.25	74.61	74.65	64.1994	0	35.8006	20.41143	15.38917	34.57566	-9999
1600.505	1601.215	933.215	74.98	35.41	74.09	73.41	69.34668	0	30.65332	16.74716	13.90616	34.4572	-9999
1600.51	1601.22	933.22	73.75	24.82	73.24	71.41	70.09606	0	29.90394	13.68574	16.2182	34.65288	-9999
1600.515	1601.225	933.225	74.31	28.99	73.6	73	70.12172	0	29.87828	17.45351	12.42477	34.41606	-9999
1600.52	1601.23	933.23	75.19	52.41	73.63	71.27	70.23198	0	29.76802	22.56899	7.199033	34.54877	-9999
1600.525	1601.235	933.235	76.9	92.74	74.18	71.83	67.88892	0	32.11108	8.264409	23.84667	34.21742	-9999
1600.53	1601.24	933.24	76.41	38.06	75.43	74.53	68.08728	0	31.91272	11.6001	20.31262	34.59864	-9999
1600.535	1601.245	933.245	77.34	65.63	75.59	74.35	66.52724	0	33.47276	11.95248	21.52028	34.42606	-9999
1600.54	1601.25	933.25	79.47	73.32	77.96	77.28	60.84666	0	39.15334	10.30809	28.84525	34.96395	-9999
1600.545	1601.255	933.255	75.73	99.01	72.92	71.98	68.14548	0	31.85452	9.939471	21.91505	34.11499	-9999
1600.55	1601.26	933.26	73.79	53.87	72.35	72.33	70.23666	0	29.76334	22.49358	7.269756	34.18331	-9999
1600.555	1601.265	933.265	74.44	50.69	72.88	72.09	71.33822	0	28.66178	19.13168	9.530097	34.23511	-9999
1600.56	1601.27	933.27	73.95	19.34	73.29	72.39	72.40072	0	27.59928	12.75353	14.84575	34.36222	-9999
1600.565	1601.275	933.275	73.37	19.87	72.85	72	71.72106	0	28.27894	14.82111	13.45783	34.36983	-9999
1600.57	1601.28	933.28	74.1	36.52	73.51	73.51	67.56266	0	32.43734	9.241611	23.19573	34.47512	-9999
1600.575	1601.285	933.285	74.61	30.06	73.74	72.27	70.82678	0	29.17322	15.14862	14.0246	34.51683	-9999
1600.58	1601.29	933.29	75.01	15.96	74.33	73.39	72.39848	0	27.60152	20.3837	7.217823	34.42469	-9999
1600.585	1601.295	933.295	75.39	10.44	75.35	75.74	68.42472	0	31.57528	5.417711	26.15757	34.65147	-9999
1600.59	1601.3	933.3	79.78	27.8	79	78.51	65.9198	0	34.0802	7.967219	26.11298	35.05783	-9999
1600.595	1601.305	933.305	78.3	22.44	77.43	76.35	69.27602	0	30.72398	8.588562	22.13542	34.72825	-9999
1600.6	1601.31	933.31	76.4	16.4	76.04	75.25	68.5332	0	31.4668	6.432422	25.03438	34.84274	-9999
1600.605	1601.315	933.315	81.2	31.91	80.1	79.12	66.09878	0	33.90122	22.15294	11.74828	34.94573	-9999
1600.61	1601.32	933.32	84.75	121.4	81.97	80.34	54.1962	0.393157	45.41064	19.26667	26.14397	33.74505	-9999
1600.615	1601.325	933.325	86.92	99.58	85.26	83.32	48.80024	2.493861	48.7059	31.85906	16.84684	33.5742	-9999
1600.62	1601.33	933.33	82.45	74.64	80.57	78.73	60.65312	0	39.34688	26.38974	12.95714	34.79942	-9999
1600.625	1601.335	933.335	81.67	96.87	79.04	77.32	61.80356	0	38.19644	10.10461	28.09183	33.94544	-9999
1600.63	1601.34	933.34	79.5	41.37	78.61	78.3	63.74596	0	36.25404	20.43035	15.82369	35.09204	-9999
1600.635	1601.345	933.345	81.34	60.99	79.74	79.18	62.80762	0	37.19238	21.66562	15.52676	34.64817	-9999
1600.64	1601.35	933.35	80.35	53.77	78.7	76.94	65.85316	0	34.14684	25.06944	9.077398	34.54901	-9999
1600.645	1601.355	933.355	80.47	63.73	78.53	76.21	65.57994	0	34.42006	15.91431	18.50575	34.42231	-9999
1600.65	1601.36	933.36	84.56	40.48	83.78	81.45	58.45364	0.691115	40.85524	29.53014	11.32511	35.90397	-9999
1600.655	1601.365	933.365	80.31	44.76	78.97	77.61	65.66788	0	34.33212	13.41465	20.91747	34.76525	-9999
1600.66	1601.37	933.37	77.92	49.63	76.13	75.04	70.17564	0	29.82436	14.92385	14.90051	34.11635	-9999
1600.665	1601.375	933.375	76.85	26.56	75.98	75.51	69.61298	0	30.38702	18.94824	11.43878	34.49907	-9999
1600.67	1601.38	933.38	78.3	34.11	77.42	76.11	66.52938	0	33.47062	10.54225	22.92837	34.94788	-9999
1600.675	1601.385	933.385	80.45	21.89	79.61	78.33	67.19862	0	32.80138	23.61319	9.188187	35.11881	-9999
1600.68	1601.39	933.39	80.18	37.83	78.83	77.8	67.54204	0	32.45796	9.423665	23.0343	34.54855	-9999
1600.685	1601.395	933.395	79.9	28.32	79	77.89	66.61356	0	33.38644	17.17844	16.208	35.01935	-9999
1600.69	1601.4	933.4	82.42	36.6	81.75	81.49	60.5089	0.124606	39.36649	23.74637	15.62013	35.85413	-9999
1600.695	1601.405	933.405	81.47	23.29	80.63	79.21	65.92142	0	34.07858	13.14704	20.93154	35.35733	-9999
1600.7	1601.41	933.41	87.68	162.26	86.28	81.83	30.91748	7.757024	61.3255	24.41298	36.91252	31.97464	-9999
1600.705	1601.415	933.415	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1601.005	1601.715	933.715	99.7	62.46	98.9	96.64	39.36068	8.790245	51.84907	20.06002	31.78905	33.51285	-9999
1601.01	1601.72	933.72	97.4	69.84	96.89	93.79	37.44322	9.601237	52.95554	32.93215	20.02339	33.35247	-9999

1601.015	1601.725	933.725	95.51	61.69	94.7	91.61	43.47932	6.309341	50.21134	33.25069	16.96065	34.02506	-9999
1601.02	1601.73	933.73	93.78	68.36	92.73	92.02	45.31678	4.775377	49.90784	16.74487	33.16298	33.70649	-9999
1601.025	1601.735	933.735	91.94	32.16	91.49	90.85	51.11998	4.245712	44.63431	32.96781	11.6665	34.75675	-9999
1601.03	1601.74	933.74	93.39	48.77	92.15	90.84	51.88886	2.417153	45.69399	32.67528	13.01871	34.97144	-9999
1601.035	1601.745	933.745	95.46	65.78	93.39	91.65	52.30054	0.193985	47.50548	14.42706	33.07841	35.19046	-9999
1601.04	1601.75	933.75	94.01	56.31	92.48	90.36	51.74128	1.78416	46.47456	29.54804	16.92652	35.08746	-9999
1601.045	1601.755	933.755	92.82	35.46	92.68	92.67	47.10928	6.374883	46.51584	32.31307	14.20276	34.0032	-9999
1601.05	1601.76	933.76	93.42	67.18	92.2	91.37	47.25104	3.762723	48.98624	15.30183	33.68441	33.99076	-9999
1601.055	1601.765	933.765	91.92	67.44	89.99	88.91	54.07062	0.273229	45.65615	11.51337	34.14278	35.05335	-9999
1601.06	1601.77	933.77	89.91	38.5	88.65	87.56	57.7308	0.508735	41.76047	19.64074	22.11972	35.90532	-9999
1601.065	1601.775	933.775	88.4	17.8	88.19	87.61	55.9919	2.542472	41.46563	19.87983	21.5858	35.61652	-9999
1601.07	1601.78	933.78	89.64	20.49	89.18	88.38	56.13762	2.323843	41.53854	14.64914	26.8894	35.71094	-9999
1601.075	1601.785	933.785	89.89	19.98	89.37	88.61	56.49604	2.161298	41.34266	18.74162	22.60104	35.7915	-9999
1601.08	1601.79	933.79	91	31.48	89.87	88.38	57.41934	0.897839	41.68282	15.07261	26.61021	36.06219	-9999
1601.085	1601.795	933.795	90.67	34.08	89.98	89.35	53.68374	2.758839	43.55742	26.38718	17.17024	35.13045	-9999
1601.09	1601.8	933.8	89.4	30.2	88.5	87.11	57.4186	1.167306	41.41409	12.72033	28.69377	35.95597	-9999
1601.095	1601.805	933.805	89.8	58.81	88.03	86.73	56.86948	0	43.13052	11.80305	31.32747	35.41206	-9999
1601.1	1601.81	933.81	87.68	32.87	86.73	85.67	58.74236	0.584428	40.67321	26.61164	14.06157	36.0246	-9999
1601.105	1601.815	933.815	84.9	15.41	84.6	84.78	60.48778	0.597009	38.91521	13.01849	25.89672	36.2401	-9999
1601.11	1601.82	933.82	84.19	13.43	83.81	83.61	62.24014	0	37.75986	21.8578	15.90206	36.61588	-9999
1601.115	1601.825	933.825	85.88	30.3	85	83.91	60.4778	0.087919	39.43428	9.873783	29.5605	36.30994	-9999
1601.12	1601.83	933.83	86.95	36.9	85.45	83.45	62.7012	0	37.2988	23.44902	13.84978	35.26796	-9999
1601.125	1601.835	933.835	86.6	26.79	85.67	84.14	61.05232	0	38.94768	25.49001	13.45767	36.47754	-9999
1601.13	1601.84	933.84	85.92	32.46	84.83	83.73	61.54578	0	38.45422	19.50368	18.95054	35.9164	-9999
1601.135	1601.845	933.845	85.04	52.7	83.81	82.28	58.5423	0.280856	41.17684	14.68472	26.49212	35.61224	-9999
1601.14	1601.85	933.85	82.64	25.67	82.26	81.49	60.70406	0.257198	39.03874	19.72836	19.31039	36.17994	-9999
1601.145	1601.855	933.855	85.55	76.69	84.1	81.02	53.97252	1.341672	44.68581	28.96877	15.71704	34.76202	-9999
1601.15	1601.86	933.86	84.71	44.99	84.25	83.08	54.74422	2.024316	43.23146	29.03189	14.19957	34.96112	-9999
1601.155	1601.865	933.865	82.97	31	82.24	81.47	61.8231	0	38.1769	24.51204	13.66486	35.97369	-9999
1601.16	1601.87	933.87	80.17	24.6	79.55	79.08	65.0954	0	34.9046	7.848262	27.05634	35.31759	-9999
1601.165	1601.875	933.875	81.24	29.17	80.52	79.97	63.78006	0	36.21994	19.46625	16.75369	35.49015	-9999
1601.17	1601.88	933.88	81.63	27.47	81.43	83.12	59.80266	0.539743	39.6576	26.19073	13.46687	35.46336	-9999
1601.175	1601.885	933.885	81.81	32.36	81.38	80.98	60.23618	0.309127	39.45469	19.76967	19.68502	35.85889	-9999
1601.18	1601.89	933.89	81.44	34.04	81.07	82.45	59.70502	0.468649	39.82633	16.96812	22.85821	35.37749	-9999
1601.185	1601.895	933.895	79.87	13.08	79.85	80.25	63.50924	0	36.49076	20.16896	16.3218	35.85868	-9999
1601.19	1601.9	933.9	77.73	12.67	78.17	78.98	62.01226	0	37.98774	10.43231	27.55543	35.85785	-9999
1601.195	1601.905	933.905	75.86	16.79	76.38	76.72	62.11562	0	37.88438	15.03389	22.85049	35.55351	-9999
1601.2	1601.91	933.91	79.86	63.35	78.15	76.82	64.4506	0	35.5494	12.78206	22.76734	34.54534	-9999
1601.205	1601.915	933.915	77.72	80.35	75.65	75.51	65.0954	0	34.9046	5.668262	29.23634	34.16203	-9999
1601.21	1601.92	933.92	73.51	16.06	73.34	73.33	69.80178	0	30.19822	13.56649	16.63173	34.3715	-9999
1601.215	1601.925	933.925	79.18	21.72	79.17	79.51	61.97566	0	38.02434	21.40208	16.62226	35.88885	-9999
1601.22	1601.93	933.93	87.1	53.39	86.13	84.85	54.46512	1.719442	43.81544	17.83172	25.98372	34.95408	-9999
1601.225	1601.935	933.935	87.53	65.81	85.93	85.78	55.94638	0.533167	43.52045	11.24666	32.27379	34.86974	-9999
1601.23	1601.94	933.94	88.03	61.1	86.55	86.08	55.6962	0.734814	43.56899	10.96699	32.60199	34.98539	-9999
1601.235	1601.945	933.945	86.7	42.68	85.69	85.53	57.73494	0.742054	41.52301	20.41296	21.11004	35.46357	-9999
1601.24	1601.95	933.95	87.04	26.29	86	86.08	61.62102	0	38.37898	23.9487	14.43028	35.96224	-9999
1601.245	1601.955	933.955	87.75	36.22	86.73	86.43	58.40976	0.586841	41.0034	17.00879	23.9946	35.77699	-9999
1601.25	1601.96	933.96	87.86	38.77	86.87	86.08	57.45896	0.898757	41.64228	30.46178	11.18051	35.65328	-9999
1601.255	1601.965	933.965	89.67	43.6	88.68	88.06	54.6249	1.819802	43.5553	15.92013	27.63517	35.14306	-9999
1601.26	1601.97	933.97	90	49.28	88.67	88.02	55.58174	0.991948	43.42631	29.11441	14.3119	35.28667	-9999
1601.265	1601.975	933.975	89.91	66.89	88.22	87.08	54.19292	0.782084	45.025	24.63408	20.39092	34.91676	-9999
1601.27	1601.98	933.98	92.36	167.3	88.65	88.11	43.2947	0	56.7053	15.09831	41.60699	32.27902	-9999
1601.275	1601.985	933.985	91.4	100.97	89.48	88.41	46.35726	2.481252	51.16149	28.35937	22.80211	33.45659	-9999
1601.28	1601.99	933.99	88.04	27.94	88.3	87.55	50.22672	4.823189	44.95009	31.38286	13.56723	34.53187	-9999
1601.285	1601.995	933.995	89.25	31	89.45	89.11	48.838	5.470324	45.69168	22.31978	23.3719	34.25111	-9999
1601.29	1602	934	88.84	19.88	88.84	88.49	53.45624	3.705149	42.83861	20.35402	22.48459	35.10158	-9999
1601.295	1602.005	934.005	89.56	20.18	89.41	89.08	53.88374	3.501258	42.615	21.1943	21.4207	35.19736	-9999
1601.3	1602.01	934.01	88.36	19.8	88.47	88.39	53.0647	3.87386	43.06144	21.25839	21.80305	34.96816	-9999
1601.305	1602.015	934.015	89.2	17.67	89	88.49	55.20986	2.954202	41.83594	29.81834	12.0176	35.48775	-9999
1601.31	1602.02	934.02	89.98	21.62	89.39	88.43	56.55886	2.030716	41.41042	23.05769	18.35273	35.82655	-9999
1601.315	1602.025	934.025	90.81	32.6	90.37	88.84	51.9756	3.764041	44.26036	26.37353	17.88682	35.0124	-9999
1601.32	1602.03	934.03	90.56	28.07	89.96	89.2	54.54186	2.677055	42.78109	15.9851	26.79598	35.36365	-9999
1601.325	1602.035	934.035	89.51	24.92	89.24	89.02	53.71266	3.31713	42.97021	26.4208	16.5494	35.095	-9999
1601.33	1602.04	934.04	91.34	60.39	90.78	87.28	45.69282	5.379605	48.92758	32.44933	16.47825	34.19759	1
1601.335	1602.045	934.045	86.19	27.61	86.44	85.14	52.08608	3.800011	44.11391	14.96875	29.14516	34.86447	1
1601.34	1602.05	934.05	86.42	25.97	86.05	85.85	57.07636	1.66871	41.25493	25.56334	15.69159	35.55678	1
1601.345	1602.055	934.055	85.63	20.61	85.37	85.23	58.24778	1.359915	40.39231	12.05173	28.34057	35.80655	1
1601.35	1602.06	934.06	85.85	45.56	84.85	84.96	57.74248	0.724504	41.53302	26.38606	15.14696	35.31764	1
1601.355	1602.065	934.065	86.15	53.27	84.53	83.35	60.40566	0	39.59434	25.28916	14.30518	35.09226	1
1601.36	1602.07	934.07	83.65	39.7	82.95	82.44	58.8596	0.605303	40.5351	16.62968	23.90541	35.59632	1
1601.365	1602.075	934.075	80.98	16.51	80.53	80.39	64.99048	0	35.00952	16.70011	18.30941	35.5703	1
1601.37	1602.08	934.08	82.14	26.68	81.53	81.51	62.70214	0	37.29786	11.2489	26.04896	35.76785	1
1601.375	1602.085	934.085	84.2	23.71	84	83.61	58.34818	1.202671	40.44915	14.54776	25.90139	35.75725	1

1601.38	1602.09	934.09	84.6	21.03	84.35	83.39	59.01624	1.019405	39.96436	29.54771	10.41665	36.05208	1
1601.385	1602.095	934.095	83.84	19.51	83.25	82.86	62.71828	0	37.28172	15.90186	21.37986	36.1745	1
1601.39	1602.1	934.1	84.23	20.32	83.85	84.39	60.53596	0.435944	39.0281	23.7694	15.2587	36.07268	1
1601.395	1602.105	934.105	80.86	18.4	81.09	82.38	59.3735	0.800835	39.82567	21.23889	18.58677	35.57346	1
1601.4	1602.11	934.11	80.53	27.25	80.18	80.79	62.0304	0	37.9696	22.69995	15.26965	35.75142	1
1601.405	1602.115	934.115	80.65	53.74	79.14	79.28	64.49942	0	35.50058	17.53139	17.96919	34.43344	1
1601.41	1602.12	934.12	78.38	38.37	77.69	79.02	63.95236	0	36.04764	16.77566	19.27198	34.81633	1
1601.415	1602.125	934.125	78.17	32.61	77.61	78.59	64.53198	0	35.46802	7.977619	27.4904	34.89868	1
1601.42	1602.13	934.13	79.01	21.35	78.59	79	65.3991	0	34.6009	18.06429	16.53661	35.14781	1
1601.425	1602.135	934.135	79.69	14.69	79.57	80.32	64.06022	0	35.93978	5.847859	30.09192	35.5997	1
1601.43	1602.14	934.14	79.29	28.16	78.51	78.2	66.28348	0	33.71652	24.09822	9.618299	34.93804	1
1601.435	1602.145	934.145	77.37	17.99	77.3	77.67	65.00852	0	34.99148	16.22307	18.76841	35.19619	1
1601.44	1602.15	934.15	77.72	20.45	77.36	78.14	66.3387	0	33.6613	17.90236	15.75894	34.86689	1
1601.445	1602.155	934.155	77.82	33.57	78	78.51	58.88666	0.645405	40.46793	14.56926	25.89867	35.20287	1
1601.45	1602.16	934.16	78.41	22.73	78.19	77.06	64.06714	0	35.93286	19.80204	16.13082	35.6217	1
1601.455	1602.165	934.165	79.04	21.69	78.41	78.41	66.91672	0	33.08328	8.176995	24.90628	34.93042	1
1601.46	1602.17	934.17	78.77	25.13	78.51	78.49	63.46514	0	36.53486	20.92932	15.60554	35.50109	1
1601.465	1602.175	934.175	75.48	12.58	75.35	75.11	68.52154	0	31.47846	16.75352	14.72494	34.72791	1
1601.47	1602.18	934.18	75.81	12.69	75.42	74.92	70.20632	0	29.79368	5.551199	24.24248	34.60627	1
1601.475	1602.185	934.185	75.66	27.68	75.09	74.45	68.11174	0	31.88826	15.74773	16.14053	34.66591	1
1601.48	1602.19	934.19	75.92	14.15	75.41	74.31	70.6818	0	29.3182	24.20574	5.112459	34.65183	1
1601.485	1602.195	934.195	75.84	14.37	75.61	75.23	68.53216	0	31.46784	11.39252	20.07532	34.75488	1
1601.49	1602.2	934.2	74.75	25.77	75.33	75.7	60.49866	0	39.50134	8.711179	30.79016	35.52079	1
1601.495	1602.205	934.205	73.79	28.34	74.45	75.3	60.13992	0.02872	39.83136	24.30356	15.5278	35.2709	1
1601.5	1602.21	934.21	75.19	48.38	74.88	73.18	61.51974	0	38.48026	12.78715	25.69311	35.49998	1
1601.505	1602.215	934.215	73.47	23.19	72.84	71.61	71.67812	0	28.32188	20.7145	7.607379	34.4235	1
1601.51	1602.22	934.22	69.83	34.13	69.68	69.35	68.65944	0	31.34056	17.93052	13.41004	34.20357	1
1601.515	1602.225	934.225	69.98	14.05	69.94	70.16	72.5283	0	27.4717	18.5339	8.937801	33.90561	1
1601.52	1602.23	934.23	70.45	10.64	70.19	70.15	74.62612	0	25.37388	4.211299	21.16258	33.95317	1
1601.525	1602.235	934.235	69.35	10.35	69.5	70.05	72.5308	0	27.4692	23.42871	4.040489	33.76544	1
1601.53	1602.24	934.24	70.12	32.88	69.4	70.09	73.11264	0	26.88736	6.765765	20.1216	33.92028	1
1601.535	1602.245	934.245	68.53	13.62	68.22	68.57	76.05886	0	23.94114	3.786826	20.15431	33.78533	1
1601.54	1602.25	934.25	67.16	12.7	67.52	68.39	72.3494	0	27.6506	6.792422	20.85818	33.48756	1
1601.545	1602.255	934.255	68.82	6.82	68.9	69.39	74.41516	0	25.58484	6.905241	18.6796	33.69708	1
1601.55	1602.26	934.26	68.52	9.84	68.37	67.72	75.74282	0	24.25718	13.10079	11.15639	33.92682	1
1601.555	1602.265	934.265	69.43	12.21	69.37	70.15	73.63458	0	26.36542	21.14357	5.221855	33.73358	1
1601.56	1602.27	934.27	71.06	11.21	71.08	70.62	71.75698	0	28.24302	16.08827	12.15475	34.14086	1
1601.565	1602.275	934.275	72.19	14.11	72.29	72.77	69.39558	0	30.60442	6.532737	24.07168	34.19804	1
1601.57	1602.28	934.28	74.15	15.94	74.32	74.74	66.60702	0	33.39298	7.089119	26.30386	34.66195	1
1601.575	1602.285	934.285	73.51	17.54	73.56	73.57	67.73862	0	32.26138	12.02418	20.2372	34.5371	1
1601.58	1602.29	934.29	72.23	24.08	72.44	74.31	66.09354	0	33.90646	19.0185	14.88796	34.18186	1
1601.585	1602.295	934.295	73.84	36.66	73.57	73.84	65.28798	0	34.71202	6.221664	28.49036	34.6424	1
1601.59	1602.3	934.3	73.73	22.15	74.06	74.92	64.2506	0	35.7494	23.68042	12.06898	34.76119	1
1601.595	1602.305	934.305	75.31	24.66	75.28	75.27	64.97958	0	35.02042	24.87635	10.14407	34.96964	1
1601.6	1602.31	934.31	76.63	26.39	76.37	76.51	65.12902	0	34.87098	9.084476	25.7865	34.99851	1
1601.605	1602.315	934.315	76.57	14.85	76.61	76.09	65.6519	0	34.3481	21.7664	12.5817	35.238	1
1601.61	1602.32	934.32	78.18	16.78	78.11	78.65	64.55614	0	35.44386	19.73482	15.70904	35.34574	1
1601.615	1602.325	934.325	79.85	23.04	79.87	79.98	60.80732	0.216175	38.9765	27.47031	11.5062	35.93399	1
1601.62	1602.33	934.33	79.61	54.76	80.73	81	44.82688	5.059754	50.11337	18.65763	31.45574	33.05822	1
1601.625	1602.335	934.335	80.52	31.11	80.07	79.91	61.88048	0	38.11952	12.92952	25.19	35.7981	1
1601.63	1602.34	934.34	78.29	29.77	78.17	79.02	61.69886	0	38.30114	13.9234	24.37774	35.55441	1
1601.635	1602.345	934.345	77.22	37.21	76.74	78.41	63.67278	0	36.32722	21.57916	14.74806	34.79398	1
1601.64	1602.35	934.35	77.75	31.93	77.71	77.59	61.05294	0.018017	38.92904	9.173811	29.75523	35.74544	1
1601.645	1602.355	934.355	78.18	22.26	78.16	78.85	62.84248	0	37.15752	25.92625	11.23127	35.52189	1
1601.65	1602.36	934.36	78.49	16.77	78.05	77.85	67.14086	0	32.85914	15.14406	17.71508	35.03194	1
1601.655	1602.365	934.365	79.35	21.31	78.93	78.17	65.09598	0	34.90402	20.5732	14.33082	35.43851	1
1601.66	1602.37	934.37	80.69	20.65	80.18	79.9	64.7204	0	35.2796	24.9359	10.3437	35.50216	1
1601.665	1602.375	934.375	78.64	17.36	78.41	77.21	65.23258	0	34.76742	21.88786	12.87956	35.55859	1
1601.67	1602.38	934.38	76.52	11.58	76.22	75.77	69.12424	0	30.87576	18.19741	12.67835	34.78081	1
1601.675	1602.385	934.385	76.7	12.81	76.43	76.33	68.42848	0	31.57152	7.967353	23.60417	34.79852	1
1601.68	1602.39	934.39	78.72	21.38	78.09	76.74	67.28614	0	32.71386	18.01434	14.69952	35.11397	1
1601.685	1602.395	934.395	79.17	17.5	78.69	77.7	66.6486	0	33.3514	15.36478	17.98662	35.27524	1
1601.69	1602.4	934.4	82.34	31.14	81.65	80.73	62.05882	0	37.94118	24.39626	13.54492	35.92625	1
1601.695	1602.405	934.405	82.26	29.86	82.13	81.16	58.10218	1.109811	40.78801	14.77226	26.01575	35.62163	1
1601.7	1602.41	934.41	79.08	28.71	78.75	78.55	62.85608	0	37.14392	8.459548	28.68437	35.58351	1
1601.705	1602.415	934.415	79.93	29.15	79.94	79.65	59.3326	0.630306	40.03709	26.00774	14.02936	35.61861	1
1601.71	1602.42	934.42	75.51	21.21	75.32	75.08	66.87048	0	33.12952	16.44176	16.68776	34.81749	1
1601.715	1602.425	934.425	76.97	37.8	76.46	76.21	63.9925	0	36.0075	10.88089	25.12661	35.07252	1
1601.72	1602.43	934.43	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1602.025	1602.735	934.735	120.52	76.63	120.34	117.17	11.97214	44.28172	43.74614	21.17561	22.57053	29.63524	1
1602.03	1602.74	934.74	111.7	62.33	110.64	110.04	30.36714	16.08416	53.5487	29.87224	23.67646	32.2892	1
1602.035	1602.745	934.745	105.15	129.15	104.45	102.53	17.4327	18.07945	64.48785	35.06469	29.42315	32.38128	1
1602.04	1602.75	934.75	102.29	81.22	101.65	100.43	31.19796	12.974	55.82804	31.02088	24.80716	32.54924	1

1602.045	1602.755	934.755	97.33	66.65	96.65	95.32	39.5971	8.357245	52.04565	35.68618	16.35948	33.26395	1
1602.05	1602.76	934.76	92.49	29.94	92.11	89.67	50.60872	4.697612	44.69367	21.83068	22.86299	35.0321	1
1602.055	1602.765	934.765	90.32	29.55	90.24	89.22	50.3745	4.818638	44.80686	26.45738	18.34948	34.65398	1
1602.06	1602.77	934.77	88.23	32.89	87.71	86.28	54.89902	2.330806	42.77017	16.80728	25.96289	35.37698	1
1602.065	1602.775	934.775	88.99	26.31	88.27	86.85	57.34218	1.439111	41.21871	25.67457	15.54414	35.95798	1
1602.07	1602.78	934.78	87.3	28.71	86.44	83.96	59.40118	0.494348	40.10447	26.16037	13.9441	36.4443	1
1602.075	1602.785	934.785	87.86	18.02	87.59	87.61	56.90046	2.088396	41.01114	31.15323	9.857912	35.64582	1
1602.08	1602.79	934.79	87.14	24.57	87.18	86.38	53.57526	3.320639	43.1041	14.34607	28.75803	35.08187	1
1602.085	1602.795	934.795	87.66	16.73	87.44	86.38	57.00914	2.094584	40.89628	28.95628	11.93999	35.87312	1
1602.09	1602.8	934.8	88.6	19.86	88.36	88.17	55.54188	2.66112	41.797	25.78973	16.00727	35.4355	1
1602.095	1602.805	934.805	91.86	58.87	92.17	94.49	38.83976	9.442787	51.71745	31.62005	20.0974	32.38455	1
1602.1	1602.81	934.81	93.14	81.66	92.81	88.63	37.10698	8.778859	54.11416	34.50188	19.61229	33.31638	1
1602.105	1602.815	934.815	91.84	54.65	91.04	87.28	48.4819	4.176818	47.34128	31.60238	15.73891	34.70821	1
1602.11	1602.82	934.82	88.53	20.9	88.39	86.85	54.5796	3.079025	42.34138	19.34704	22.99434	35.49207	1
1602.115	1602.825	934.825	91.6	53.07	91.1	87.61	46.76006	5.268769	47.97117	24.24087	23.7303	34.40844	1
1602.12	1602.83	934.83	88	30.4	87.34	87.23	56.7982	1.561802	41.64	13.78637	27.85362	35.50553	1
1602.125	1602.835	934.835	89.06	35.91	88.16	86.49	56.34958	1.432565	42.21785	19.02933	23.18853	35.70261	1
1602.13	1602.84	934.84	92.43	58.68	91.22	88.36	50.14134	2.8838	46.97486	22.7795	24.19536	34.8061	1
1602.135	1602.845	934.845	94.38	57.57	92.8	91.3	51.48346	1.742998	46.77354	26.4927	20.28085	34.93797	1
1602.14	1602.85	934.85	90.64	32.95	89.98	89.08	53.7523	2.793623	43.45408	14.3298	29.12428	35.19306	1
1602.145	1602.855	934.855	90.47	39.89	89.71	89.2	53.00422	2.781291	44.21449	16.93463	27.27986	34.90972	1
1602.15	1602.86	934.86	91.53	29.2	91.47	91.34	49.191	5.558975	45.25003	28.06092	17.18911	34.34253	1
1602.155	1602.865	934.865	94.12	47.64	94.38	89.32	39.86572	10.0386	50.09568	26.80771	23.28797	33.9474	1
1602.16	1602.87	934.87	89.27	29.92	88.77	86.12	54.50596	2.640915	42.85312	16.61574	26.23739	35.61585	1
1602.165	1602.875	934.875	86.26	12.54	85.79	85.61	61.24862	0.363525	38.38786	12.22566	26.1622	36.56947	1
1602.17	1602.88	934.88	84.2	14.18	83.85	83.47	61.81694	0.101978	38.08108	19.2272	18.85388	36.59769	1
1602.175	1602.885	934.885	85.03	43.84	83.6	82.41	62.24562	0	37.75438	8.707095	29.04729	35.15306	1
1602.18	1602.89	934.89	85.76	22.51	85.24	84.94	59.68338	0.687865	39.62876	27.57083	12.05793	36.09539	1
1602.185	1602.895	934.895	86.7	29.28	86	84.04	58.57524	0.878143	40.54662	27.9086	12.63801	36.13624	1
1602.19	1602.9	934.9	89.52	51.44	88.69	86.39	51.62562	2.914321	45.46006	31.0934	14.36666	34.83149	1
1602.195	1602.905	934.905	88.88	44.84	87.89	86.89	55.05162	1.637163	43.31122	17.07224	26.23898	35.21931	1
1602.2	1602.91	934.91	87.97	50.4	86.86	86.69	55.4733	1.293379	43.23332	21.15339	22.07994	35.01514	1
1602.205	1602.915	934.915	85.05	38.58	84.48	82.15	56.83514	1.365615	41.79924	27.92656	13.87268	35.64618	1
1602.21	1602.92	934.92	83.94	34.29	83.18	81.44	60.36702	0.150133	39.48285	22.74835	16.73449	36.21682	1
1602.215	1602.925	934.925	80.85	26.79	79.86	79.21	66.80732	0	33.19268	20.21329	12.97939	34.90382	1
1602.22	1602.93	934.93	76.75	20.68	75.86	75.51	71.28294	0	28.71706	15.86616	12.8509	34.36475	1
1602.225	1602.935	934.935	73.36	21.11	72.83	72.66	71.50768	0	28.49232	15.94806	12.54426	34.23691	1
1602.23	1602.94	934.94	70.79	14.08	70.45	70.62	74.10084	0	25.89916	23.22638	2.672777	33.94729	1
1602.235	1602.945	934.945	71.04	13.91	70.86	70.57	72.67198	0	27.32802	20.99815	6.329873	34.07715	1
1602.24	1602.95	934.95	71.37	21.92	71.18	71.5	70.50746	0	29.49254	17.30045	12.19209	34.07914	1
1602.245	1602.955	934.955	72.75	13.11	72.8	73.21	69.50988	0	30.49012	4.757455	25.73267	34.25636	1
1602.25	1602.96	934.96	74.46	20.1	74.37	74.21	67.3301	0	32.6699	21.2849	11.385	34.67134	1
1602.255	1602.965	934.965	71.8	19.25	71.4	71.55	72.3855	0	27.6145	24.15968	3.454819	34.06086	1
1602.26	1602.97	934.97	72.31	12.15	72.45	72.74	69.4495	0	30.5505	22.63288	7.917622	34.24158	1
1602.265	1602.975	934.975	73.57	16.98	73.42	72.86	69.36894	0	30.63106	13.67014	16.96092	34.49825	1
1602.27	1602.98	934.98	74.94	19.76	74.88	74	66.73828	0	33.26172	6.215443	27.04628	34.91889	1
1602.275	1602.985	934.985	73.7	13.7	73.52	73.45	70.2756	0	29.7244	12.25024	17.47416	34.36568	1
1602.28	1602.99	934.99	74.07	16.89	74	73.74	68.31072	0	31.68928	21.59859	10.09069	34.58177	1
1602.285	1602.995	934.995	73.96	16.17	73.54	73.94	71.29866	0	28.70134	20.30488	8.396458	34.20151	1
1602.29	1603	935	75.16	18.35	74.57	74.86	70.9846	0	29.0154	21.24555	7.769853	34.28031	1
1602.295	1603.005	935.005	71.92	11.53	71.68	71.74	72.90334	0	27.09666	23.45103	3.645627	34.06831	1
1602.3	1603.01	935.01	75.93	14.96	75.67	75.63	68.53908	0	31.46092	22.24187	9.219054	34.68194	1
1602.305	1603.015	935.015	76.37	12.76	75.78	74.86	71.22418	0	28.77582	6.265926	22.50989	34.59029	1
1602.31	1603.02	935.02	73.73	17.17	73.55	73.71	69.40826	0	30.59174	7.641593	22.95015	34.37277	1
1602.315	1603.025	935.025	72.68	11.22	72.13	72.5	74.68166	0	25.31834	5.202662	20.11568	33.9964	1
1602.32	1603.03	935.03	73.26	13.14	72.84	72.35	72.67592	0	27.32408	22.39785	4.926227	34.2593	1
1602.325	1603.035	935.035	74.13	20.5	73.53	73.22	71.4894	0	28.5106	5.629525	22.88108	34.29657	1
1602.33	1603.04	935.04	72.76	17.13	72.72	72.94	69.22534	0	30.77466	19.03317	11.74149	34.29601	1
1602.335	1603.045	935.045	71.42	10.35	71.53	71.94	70.9364	0	29.0636	16.63453	12.42907	34.04256	1
1602.34	1603.05	935.05	71.75	13.43	71.78	71.08	70.50744	0	29.49256	12.35545	17.13711	34.29966	1
1602.345	1603.055	935.055	74.47	16.34	74.09	74	70.47832	0	29.52168	18.14792	11.37376	34.38263	1
1602.35	1603.06	935.06	73.57	18.5	73.37	73.06	69.3886	0	30.6114	11.90337	18.70803	34.4401	1
1602.355	1603.065	935.065	72.17	17.18	71.85	71.18	71.92604	0	28.07396	5.01502	23.05894	34.25334	1
1602.36	1603.07	935.07	71.46	12.73	71.17	70.44	73.42364	0	26.57636	20.49345	6.082911	34.166	1
1602.365	1603.075	935.075	70.03	16.86	69.25	69	77.53728	0	22.46272	4.913824	17.5489	34.0258	1
1602.37	1603.08	935.08	71.51	24.54	70.88	70.47	73.15462	0	26.84538	18.87773	7.967653	34.13173	1
1602.375	1603.085	935.085	69.38	29.02	68.56	67.5	75.50256	0	24.49744	6.125496	18.37194	34.2016	1
1602.38	1603.09	935.09	71.67	49.39	70.61	69.85	70.32622	0	29.67378	12.81589	16.85789	34.34362	1
1602.385	1603.095	935.095	71.62	41.92	70.98	67.22	68.92496	0	31.07504	24.55076	6.52428	34.94748	1
1602.39	1603.1	935.1	69.86	14.87	69.37	67.41	75.92776	0	24.07224	18.14464	5.927601	34.2906	1
1602.395	1603.105	935.105	71.9	12.34	71.8	70.78	71.64072	0	28.35928	7.987465	20.37182	34.31631	1
1602.4	1603.11	935.11	76.04	12.14	75.71	75.18	69.66282	0	30.33718	21.4838	8.853382	34.68546	1
1602.405	1603.115	935.115	78.81	27.89	78	76.78	67.02292	0	32.97708	10.0661	22.91098	34.97209	1

1602.41	1603.12	935.12	78.79	24.21	78.69	77.98	62.42938	0	37.57062	15.30352	22.2671	35.8655	1
1602.415	1603.125	935.125	80.46	19.65	80.33	80.47	62.229	0	37.771	10.95924	26.81176	36.03643	1
1602.42	1603.13	935.13	81.48	15.8	81.17	79.94	63.6173	0	36.3827	11.96586	24.41684	36.15036	1
1602.425	1603.135	935.135	77.15	25.46	77.35	76.94	61.31068	0	38.68932	8.975101	29.71422	35.84334	1
1602.43	1603.14	935.14	74.86	38.86	75.21	75.15	59.01218	0.458742	40.52908	26.28528	14.2438	35.06383	1
1602.435	1603.145	935.145	74.98	30.48	74.92	74.5	64.10724	0	35.89276	17.6173	18.27546	35.05959	1
1602.44	1603.15	935.15	73.04	31.19	73.66	74.41	60.45022	0	39.54978	21.55793	17.99185	35.13097	1
1602.445	1603.155	935.155	76.61	36.51	76.63	76.22	60.52838	0.129193	39.34243	26.98945	12.35298	35.54007	1
1602.45	1603.16	935.16	79.68	22.59	79.37	79.95	63.63012	0	36.36988	22.55431	13.81557	35.47488	1
1602.455	1603.165	935.165	81.55	18.87	81.17	82.61	63.35246	0	36.64754	11.76308	24.88446	35.60978	1
1602.46	1603.17	935.17	79.88	11.85	80.19	80.85	61.2402	0.199249	38.56055	9.3926	29.16795	36.11559	1
1602.465	1603.175	935.175	83.6	19.99	83.12	82.78	61.97042	0	38.02958	9.517765	28.51182	36.35974	1
1602.47	1603.18	935.18	84.84	33.43	84.82	85.71	54.01214	2.677423	43.31044	23.52071	19.78972	34.62602	1
1602.475	1603.185	935.185	83.39	23.12	83.44	82.94	57.29866	1.600572	41.10077	22.17899	18.92178	35.54398	1
1602.48	1603.19	935.19	84.91	39.46	84.08	81.78	58.76598	0.57361	40.66041	24.90481	15.7556	35.98014	1
1602.485	1603.195	935.195	83.14	57.64	81.28	79.38	63.97732	0	36.02268	15.08769	20.93499	34.44694	1
1602.49	1603.2	935.2	81.85	62.48	79.73	77.35	66.00784	0	33.99216	23.66771	10.32445	34.12711	1
1602.495	1603.205	935.205	80.87	45.34	79.82	76.21	62.76482	0	37.23518	20.246	16.98918	35.74574	1
1602.5	1603.21	935.21	80.89	44.01	80	79.04	61.82828	0	38.17172	12.92136	25.25036	35.52485	1
1602.505	1603.215	935.215	78.01	44.96	76.85	74.48	66.34048	0	33.65952	13.59717	20.06235	34.94385	1
1602.51	1603.22	935.22	84.43	34.16	85.33	86.15	47.08268	5.497318	47.42	29.81931	17.6007	33.63629	1
1602.515	1603.225	935.225	82.12	58.49	82.29	81.27	48.97752	3.82958	47.1929	28.40082	18.79208	33.75069	1
1602.52	1603.23	935.23	78.82	36.4	78	77.12	65.0318	0	34.9682	13.30044	21.66776	35.06104	1
1602.525	1603.235	935.235	80.55	26.95	79.89	78.61	64.4871	0	35.5129	14.38782	21.12508	35.5198	1
1602.53	1603.24	935.24	79.15	22.49	78.43	77.67	67.31942	0	32.68058	19.01598	13.6646	34.96994	1
1602.535	1603.245	935.245	80.29	45.53	78.71	77.1	67.35994	0	32.64006	12.6319	20.00816	34.4517	1
1602.54	1603.25	935.25	78.45	56.1	76.28	74.37	71.0673	0	28.9327	16.89374	12.03896	33.9682	1
1602.545	1603.255	935.255	78.36	44.2	76.97	75.21	67.9849	0	32.0151	14.75004	17.26506	34.57545	1
1602.55	1603.26	935.26	75.59	14.92	75.07	74.44	70.87656	0	29.12344	6.619486	22.50395	34.51294	1
1602.555	1603.265	935.265	75.53	9.14	75.57	75.57	67.99052	0	32.00948	12.77449	19.23499	34.79084	1
1602.56	1603.27	935.27	76.25	9.16	76.19	76.21	68.09828	0	31.90172	7.149034	24.75269	34.84086	1
1602.565	1603.275	935.275	79.29	39.97	77.89	76.59	68.23046	0	31.76954	9.831285	21.93825	34.47646	1
1602.57	1603.28	935.28	78.74	45.96	77.05	75	69.53438	0	30.46562	18.37526	12.09036	34.3381	1
1602.575	1603.285	935.285	77.01	33.14	75.72	75.02	71.12842	0	28.87158	18.27374	10.59784	34.24875	1
1602.58	1603.29	935.29	78.16	19.05	77.68	75.29	67.2027	0	32.7973	8.532779	24.26452	35.35051	1
1602.585	1603.295	935.295	79.02	14.89	78.94	79.02	64.31822	0	35.68178	8.277495	27.40429	35.59433	1
1602.59	1603.3	935.3	78.87	25.46	78.54	77.55	63.83578	0	36.16422	18.13958	18.02464	35.59181	1
1602.595	1603.305	935.305	79.04	24.81	78.6	78.04	64.68918	0	35.31082	21.28449	14.02633	35.36577	1
1602.6	1603.31	935.31	76.29	12.93	76.12	75.8	68.00164	0	31.99836	19.60341	12.39495	34.85752	1
1602.605	1603.315	935.315	76.7	12.31	76.35	75.74	69.16948	0	30.83052	19.14827	11.68225	34.79485	1
1602.61	1603.32	935.32	76.98	13.31	76.67	75.89	68.35988	0	31.64012	17.50889	14.13123	34.93429	1
1602.615	1603.325	935.325	76.66	14.7	76.72	77.65	65.4504	0	34.5496	24.95861	9.590995	35.00577	1
1602.62	1603.33	935.33	77.04	16.88	76.94	77.77	65.81324	0	34.18676	25.37378	8.81298	34.95942	1
1602.625	1603.335	935.335	75.35	11.72	74.98	74.57	70.70926	0	29.29074	8.623438	20.6673	34.51533	1
1602.63	1603.34	935.34	76.62	13.1	76.32	76.21	68.6644	0	31.3356	6.815057	24.52054	34.75028	1
1602.635	1603.345	935.345	74.15	12.68	73.79	73.15	71.50344	0	28.49656	13.2984	15.19816	34.41141	1
1602.64	1603.35	935.35	74.48	8.51	74.51	74.05	69.18648	0	30.81352	9.086716	21.7268	34.64409	1
1602.645	1603.355	935.355	74.33	11.68	74.49	74.62	67.54984	0	32.45016	8.362888	24.08727	34.66108	1
1602.65	1603.36	935.36	73.8	7.7	73.86	73.86	69.7756	0	30.2244	21.0688	9.155599	34.44396	1
1602.655	1603.365	935.365	74.19	9.99	73.96	73.5	71.11012	0	28.88988	8.145233	20.74465	34.43236	1
1602.66	1603.37	935.37	75.67	13.04	74.9	73.76	73.19542	0	26.80458	15.68478	11.1198	34.42568	1
1602.665	1603.375	935.375	78.52	26.51	77.06	75.35	72.66118	0	27.33882	23.81895	3.519869	34.2841	1
1602.67	1603.38	935.38	81.32	34.4	81.41	82.76	56.1633	1.678907	42.15779	18.79018	23.36761	34.72197	1
1602.675	1603.385	935.385	78.08	26.39	78.03	78.2	62.16752	0	37.83248	16.19717	21.63531	35.63728	1
1602.68	1603.39	935.39	75.82	18.72	75.68	74.9	66.80036	0	33.19964	19.66401	13.53563	34.9769	1
1602.685	1603.395	935.395	72.12	20.32	71.58	74.37	72.91716	0	27.08284	16.84502	10.23782	33.56716	1
1602.69	1603.4	935.4	71.71	15.48	71.74	72.33	70.04814	0	29.95186	10.5549	19.39696	34.07794	1
1602.695	1603.405	935.405	72.39	11.53	72.27	72.8	71.54094	0	28.45906	17.6204	10.83866	34.07448	1
1602.7	1603.41	935.41	70.34	15.89	70.62	70.77	69.27182	0	30.72818	12.57394	18.15424	34.05568	1
1602.705	1603.415	935.415	69.98	12.32	69.62	69.46	75.42696	0	24.57304	18.27518	6.297864	33.94256	1
1602.71	1603.42	935.42	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1603	1603.71	935.71	106.76	40.41	106.83	106.67	31.45908	20.78518	47.75574	34.34217	13.41357	31.84349	1
1603.005	1603.715	935.715	104.32	25.06	104.11	103.78	39.58858	14.39728	46.01414	24.88853	21.12561	32.99839	1
1603.01	1603.72	935.72	97.54	25.49	97.57	97.57	43.86212	9.912259	46.22562	17.80009	28.42553	33.61931	1
1603.015	1603.725	935.725	98.33	38.33	98.5	99.21	38.94304	12.31303	48.74393	28.78021	19.96372	32.80559	1
1603.02	1603.73	935.73	97.55	29.8	97.75	98.65	41.4924	11.24174	47.26586	32.70621	14.55965	33.10234	1
1603.025	1603.735	935.735	95.56	42.66	95.49	94.45	42.30358	8.999998	48.69642	16.64977	32.04666	33.53464	1
1603.03	1603.74	935.74	100.77	78.15	99.95	98.78	34.7343	10.40439	54.86131	30.304	24.55732	32.82873	1
1603.035	1603.745	935.745	97.77	52.82	97.71	97.77	37.73416	11.39632	50.86952	20.57713	30.2924	32.79257	1
1603.04	1603.75	935.75	92.32	44.54	91.85	91.2	47.92942	5.183926	46.88665	28.86929	18.01736	34.14623	1
1603.045	1603.755	935.755	91.8	47.47	91.15	90.39	49.09376	4.329203	46.57704	15.01331	31.56373	34.29844	1
1603.05	1603.76	935.76	95.34	45.32	95.47	95.29	40.31226	10.10596	49.58178	32.36022	17.22156	33.11366	1
1603.055	1603.765	935.765	98.25	39.04	98.1	98.94	41.32482	10.29192	48.38326	24.33616	24.0471	33.10563	1

1603.06	1603.77	935.77	93.21	51.52	92.22	91.35	49.45146	3.685965	46.86258	27.11349	19.74909	34.42205	1
1603.065	1603.775	935.775	97.32	49.39	96.57	94.92	44.32572	6.783864	48.89042	28.32714	20.56327	33.98153	1
1603.07	1603.78	935.78	98.59	51.96	98.31	96.73	38.89288	10.61598	50.49114	26.94759	23.54355	33.24938	1
1603.075	1603.785	935.785	94.31	41.38	94.41	94.34	42.44584	8.930059	48.6241	26.4887	22.1354	33.35382	1
1603.08	1603.79	935.79	94.25	48.07	94.49	96.02	39.79706	10.0608	50.14214	32.85252	17.28962	32.71503	1
1603.085	1603.795	935.795	96.05	19.42	96.26	96.65	45.30686	9.352585	45.34056	33.65374	11.68682	33.7638	1
1603.09	1603.8	935.8	94.73	30.17	94.63	94.63	46.32226	7.426558	46.25118	33.03609	13.2151	33.94389	1
1603.095	1603.805	935.805	94.39	20.51	94.59	94.43	46.64778	8.096464	45.25576	18.71037	26.54538	34.05578	1
1603.1	1603.81	935.81	94.19	33.69	94.25	93.71	44.72722	8.12181	47.15097	27.88541	19.26556	33.77933	1
1603.105	1603.815	935.815	95.4	58.05	94.56	92.21	44.6939	5.852182	49.45392	18.94859	30.50533	34.04929	1
1603.11	1603.82	935.82	95.35	49.93	95.13	92.45	41.89994	8.539236	49.56082	33.04523	16.5156	33.75751	1
1603.115	1603.825	935.825	96.5	47.89	96.27	94.69	41.41312	9.124399	49.46248	33.56743	15.89505	33.52634	1
1603.12	1603.83	935.83	98.03	30.07	98.43	99.67	39.43546	12.93179	47.63275	32.96361	14.66914	32.75629	1
1603.125	1603.835	935.835	95.78	31.29	95.74	96.06	44.62022	8.553741	46.82604	33.58509	13.24095	33.64373	1
1603.13	1603.84	935.84	96.81	35.06	97.21	97.57	39.35028	12.15005	48.49967	32.46846	16.03121	32.9192	1
1603.135	1603.845	935.845	93.42	34.54	93.61	93.87	44.22242	8.297479	47.4801	23.78225	23.69786	33.54285	1
1603.14	1603.85	935.85	89.3	58.55	87.67	87	56.3074	0.311269	43.38133	18.96491	24.41642	35.25175	1
1603.145	1603.855	935.855	86.81	62.31	85.51	84.28	55.13078	1.135156	43.73406	12.83975	30.89431	34.90125	1
1603.15	1603.86	935.86	84.79	21.55	84.63	84.45	58.0181	1.410706	40.57119	21.97099	18.6002	35.70078	1
1603.155	1603.865	935.865	90.32	24.72	90.14	89.08	52.31836	4.07549	43.60615	31.17723	12.42892	35.02244	1
1603.16	1603.87	935.87	91.55	16.64	91.54	91.32	51.82462	4.945615	43.22976	24.79205	18.43771	34.89192	1
1603.165	1603.875	935.875	90.54	23.59	90.63	89.23	50.29692	5.257869	44.44521	26.35996	18.08525	34.76336	1
1603.17	1603.88	935.88	88.72	20.51	88.37	87.26	56.12668	2.341008	41.53231	13.2021	28.33022	35.70518	1
1603.175	1603.885	935.885	85.81	32.71	85.43	86.51	56.08398	1.852989	42.06303	18.85303	23.21	34.9976	1
1603.18	1603.89	935.89	91.99	27.63	92.06	91.61	48.14024	6.316088	45.54367	28.57988	16.96379	34.25338	1
1603.185	1603.895	935.895	92.33	27.71	92.58	93.87	46.41308	7.377294	46.20963	22.06068	24.14894	33.68057	1
1603.19	1603.9	935.9	90.42	23.96	90.85	91.67	47.68278	6.66647	45.65075	16.38581	29.26494	33.94556	1
1603.195	1603.905	935.905	88.33	16.79	88.51	89.67	53.27822	3.922882	42.7989	13.33363	29.46527	34.79248	1
1603.2	1603.91	935.91	89.76	17.83	89.44	88.14	55.58594	2.758613	41.65545	23.06869	18.58676	35.71068	1
1603.205	1603.915	935.915	91.02	18.44	90.67	90.69	54.51162	3.292852	42.19553	30.97676	11.21876	35.30792	1
1603.21	1603.92	935.92	93.54	12.51	93.49	93.11	51.30328	5.706706	42.99001	15.91784	27.07217	34.90945	1
1603.215	1603.925	935.925	96.42	11.35	96.63	96.41	46.9194	9.107394	43.97321	13.32951	30.6437	34.15419	1
1603.22	1603.93	935.93	97.89	29.3	97.75	94.89	43.9356	9.416026	46.64837	32.17342	14.47496	34.1643	1
1603.225	1603.935	935.935	95.24	17.43	95.26	95.24	48.00614	7.555484	44.43838	29.39534	15.04304	34.27607	1
1603.23	1603.94	935.94	94.26	13.05	94.32	93.96	49.6577	6.777162	43.56514	14.25356	29.31157	34.62312	1
1603.235	1603.945	935.945	93.62	16.35	93.65	93.79	49.6804	6.413388	43.90621	22.80232	21.10389	34.50548	1
1603.24	1603.95	935.95	94.31	28.91	94.39	93.5	45.61858	7.985363	46.39606	24.20252	22.19354	33.99575	1
1603.245	1603.955	935.955	93.31	25.15	92.81	91.45	51.9435	4.248805	43.8077	26.98192	16.82577	35.1257	1
1603.25	1603.96	935.96	92.94	28.31	92.55	93.2	50.66668	4.783586	44.54973	32.66141	11.88832	34.49033	1
1603.255	1603.965	935.965	94.1	24.27	94.28	93.56	46.15966	8.036073	45.80427	23.42998	22.37429	34.06224	1
1603.26	1603.97	935.97	90.49	16.11	90.15	89.2	55.48558	2.914417	41.6	29.28105	12.31895	35.67398	1
1603.265	1603.975	935.975	96.1	35.27	95.78	95.67	45.53266	7.499885	46.96745	18.3546	28.61286	33.86072	1
1603.27	1603.98	935.98	95.81	11.95	95.88	95.74	48.4204	7.878131	43.70147	29.27099	14.43048	34.39335	1
1603.275	1603.985	935.985	91.98	13.04	92.02	90.96	51.91272	5.187809	42.89947	21.58132	21.31815	35.10098	1
1603.28	1603.99	935.99	91.27	22.28	91.65	91.08	47.69484	6.894977	45.41018	15.11229	30.2979	34.23182	1
1603.285	1603.995	935.995	93.42	26.2	94.22	94.56	41.5132	10.8	47.6868	21.48203	26.20476	33.22116	1
1603.29	1604	936	97.44	39.68	98.31	100.12	34.01014	15.93898	50.05088	35.38736	14.66352	32.06376	1
1603.295	1604.005	936.005	101.46	30.99	102.13	102.04	33.96472	18.5624	47.47288	26.24874	21.22414	32.23077	1
1603.3	1604.01	936.01	100.52	14.27	100.65	100.39	43.06076	12.45844	44.4808	31.03935	13.44145	33.50697	1
1603.305	1604.015	936.015	97.67	11.85	97.59	97.86	47.8959	8.431047	43.67305	27.42829	16.24476	34.25006	1
1603.31	1604.02	936.02	93.44	24.32	93.4	91.73	48.45976	6.488692	45.05155	23.30097	21.75058	34.58643	1
1603.315	1604.025	936.025	88.34	16.27	88.47	88.28	53.78236	3.701565	42.51608	15.58389	26.93219	35.13497	1
1603.32	1604.03	936.03	89.41	17.66	89.08	88.55	56.02658	2.541908	41.43151	11.76397	29.66754	35.63946	1
1603.325	1604.035	936.035	87.79	12.5	87.57	88.49	57.9132	1.867523	40.21928	29.39952	10.81976	35.73281	1
1603.33	1604.04	936.04	91.67	34.38	91.86	91.28	45.87114	7.116589	47.01227	33.67061	13.34166	33.88769	1
1603.335	1604.045	936.045	93	64.94	92.48	90.69	42.75452	6.678755	50.56672	17.41681	33.14991	33.53739	1
1603.34	1604.05	936.05	88.81	21.25	89.12	89.85	50.7498	4.998358	44.25184	16.87205	27.37979	34.41675	1
1603.345	1604.055	936.055	90.4	41.74	89.72	87.71	52.00092	3.203201	44.79588	21.27734	23.51854	34.98061	1
1603.35	1604.06	936.06	85.92	25.5	85.45	85.15	58.4251	1.111615	40.46329	20.56844	19.89485	35.79928	1
1603.355	1604.065	936.065	83.44	19.22	83.86	85.57	55.32896	2.471742	42.1993	20.3851	21.8142	34.84459	1
1603.36	1604.07	936.07	81.65	22.6	81.83	83.13	58.0178	1.251403	40.7308	28.17962	12.55117	35.26628	1
1603.365	1604.075	936.075	79.65	33.72	79.55	77.67	59.33676	0.575878	40.08736	18.19693	21.89043	35.80027	1
1603.37	1604.08	936.08	88.27	91.83	87.49	86.88	42.61374	5.371747	52.01451	34.37808	17.63643	32.80426	1
1603.375	1604.085	936.085	104.86	127.98	104.23	100.09	17.44014	18.33868	64.22118	51.64014	12.58103	32.75704	1
1603.38	1604.09	936.09	106.67	135.85	107.33	106	3.8729	32.82407	63.30303	59.00255	4.30048	-9999	1
1603.385	1604.095	936.095	85.57	30.82	84.59	84.34	61.41216	0	38.58784	24.4715	14.11634	35.90889	1
1603.39	1604.1	936.1	84.94	28.72	85.12	85.04	53.50996	3.045923	43.44412	18.95264	24.49148	34.78765	1
1603.395	1604.105	936.105	89.2	86.58	90.32	92.51	28.30364	12.96862	58.72774	31.40316	27.32458	31.61778	1
1603.4	1604.11	936.11	87.86	68.69	88	87.79	41.46082	7.02584	51.51334	33.86921	17.64413	32.88047	1
1603.405	1604.115	936.115	91.19	35.18	90.56	90.34	52.47414	3.310457	44.2154	13.11037	31.10503	34.8342	1
1603.41	1604.12	936.12	91.06	26.41	90.63	89.43	53.16608	3.50914	43.32478	16.74225	26.58253	35.21141	1
1603.415	1604.125	936.125	93.44	30.84	92.94	92.08	50.44692	4.701686	44.85139	29.90891	14.94248	34.73363	1
1603.42	1604.13	936.13	92.2	20.6	92.35	93.11	49.0283	6.344	44.6277	30.58432	14.04338	34.2228	1

1603.425	1604.135	936.135	93.65	40.69	93.19	92.73	47.56002	5.672315	46.76766	24.31015	22.45752	34.13226	1
1603.43	1604.14	936.14	89.13	24.15	88.81	88.57	54.6361	2.888919	42.47498	13.93479	28.54019	35.24014	1
1603.435	1604.145	936.145	87.67	19.58	87.35	87.11	57.08524	1.928632	40.98613	26.24921	14.73691	35.69039	1
1603.44	1604.15	936.15	90.59	30.16	90.22	90.26	52.22598	3.786631	43.98739	14.19243	29.79496	34.76057	1
1603.445	1604.155	936.155	95.21	44.2	94.81	94.71	44.8104	7.110402	48.0792	34.29141	13.78778	33.69256	1
1603.45	1604.16	936.16	93.38	51.95	93.95	96.39	37.101	11.3396	51.5594	35.89527	15.66413	32.25231	1
1603.455	1604.165	936.165	91.39	46.13	91.66	92.92	42.66524	8.09025	49.24451	17.44007	31.80444	33.04728	1
1603.46	1604.17	936.17	87.71	26.87	87.42	87.89	55.05176	2.546809	42.40143	29.28139	13.12004	35.08965	1
1603.465	1604.175	936.175	89.07	41.81	88.87	89.17	49.48758	4.520409	45.99201	18.46819	27.52383	34.09046	1
1603.47	1604.18	936.18	88.61	30.04	88.63	89.73	51.05412	4.34958	44.5963	24.11407	20.48223	34.29449	1
1603.475	1604.185	936.185	89.87	41.48	89.24	87.79	52.16394	3.164985	44.67107	17.02159	27.64949	34.87857	1
1603.48	1604.19	936.19	86.17	38.12	85.41	85.06	57.38856	1.096984	41.51446	10.79917	30.71528	35.44383	1
1603.485	1604.195	936.195	88.08	36.42	87.09	85.94	57.82526	0.809613	41.36513	21.54778	19.81734	35.81653	1
1603.49	1604.2	936.2	91.36	42.82	90.63	89.02	51.24386	3.474967	45.28117	33.10582	12.17536	34.81816	1
1603.495	1604.205	936.205	92.99	33.68	92.85	90.5	47.38364	6.357009	46.25935	23.51191	22.74744	34.47232	1
1603.5	1604.21	936.21	93.87	28.39	93.67	91.73	48.31922	6.245196	45.43558	18.50368	26.9319	34.60184	1
1603.505	1604.215	936.215	87.59	21.57	87.22	86.95	57.06476	1.848593	41.08665	27.16605	13.92059	35.66296	1
1603.51	1604.22	936.22	86.61	25.6	86	84.82	58.8511	0.902525	40.24637	11.80421	28.44217	36.08103	1
1603.515	1604.225	936.225	89.34	55	88.39	86.35	51.8597	2.629102	45.5112	17.34434	28.16686	34.75974	1
1603.52	1604.23	936.23	94.9	51	93.86	90.73	48.41	4.123738	47.46626	34.37939	13.08687	34.76818	1
1603.525	1604.235	936.235	90.18	25.13	90.3	90.54	50.02294	5.279451	44.69761	19.3544	25.34321	34.38928	1
1603.53	1604.24	936.24	83.58	14.83	83.43	81.25	60.68004	0.519776	38.80018	27.07059	11.72959	36.6387	1
1603.535	1604.245	936.245	80.2	24.01	79.04	76.98	69.39558	0	30.60442	21.21774	9.386683	34.7691	1
1603.54	1604.25	936.25	80.03	27.36	79.37	75.96	64.86628	0	35.13372	11.51922	23.6145	35.80244	1
1603.545	1604.255	936.255	80.33	24.5	80.29	80.94	60.4774	0.323734	39.19887	22.02426	17.1746	35.75115	1
1603.55	1604.26	936.26	78.03	20.94	78.28	79.07	61.20742	0.020904	38.77168	10.79307	27.97861	35.81924	1
1603.555	1604.265	936.265	78.14	25.34	77.26	76.21	68.79892	0	31.20108	11.28247	19.91861	34.7071	1
1603.56	1604.27	936.27	81.62	28.78	81.29	81.25	60.50234	0.276202	39.22146	12.35345	26.86801	35.8756	1
1603.565	1604.275	936.275	80.22	18.6	79.85	79.4	64.5639	0	35.4361	21.50393	13.93217	35.6018	1
1603.57	1604.28	936.28	80.48	28.5	79.59	78.09	65.9589	0	34.0411	8.447992	25.59311	35.18226	1
1603.575	1604.285	936.285	79.94	42.26	78.98	75.84	63.66828	0	36.33172	15.6747	20.65702	35.57203	1
1603.58	1604.29	936.29	77.83	36.2	77.14	75.79	64.9835	0	35.0165	16.0759	18.9406	35.1456	1
1603.585	1604.295	936.295	79.63	23.69	79.53	79.74	61.78242	0	38.21758	24.72239	13.49519	35.91959	1
1603.59	1604.3	936.3	81.58	23.05	81.38	79.78	60.9183	0.2247	38.857	13.32402	25.53298	36.34305	1
1603.595	1604.305	936.305	82.64	19.42	82.26	81.87	62.21656	0	37.78344	16.56084	21.2226	36.27691	1
1603.6	1604.31	936.31	84.6	20.98	83.88	83.23	62.67084	0	37.32916	19.30285	18.02631	36.14081	1
1603.605	1604.315	936.315	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1603.61	1604.32	936.32	87.29	76.25	85.17	84	57.6707	0	42.3293	22.52501	19.80429	34.46932	1
1603.615	1604.325	936.325	85.78	28.83	85.1	83.08	59.37554	0.602127	40.02233	24.00106	16.02127	36.24886	1
1603.62	1604.33	936.33	87.72	38.29	87.12	87.37	54.68142	2.204311	43.11427	19.67619	23.43808	34.92155	1
1603.625	1604.335	936.335	93.78	48.57	93.14	92.22	46.92846	5.401385	47.67015	20.36789	27.30227	34.07793	1
1603.63	1604.34	936.34	81.08	77.97	80.29	79.74	52.66016	2.244632	45.09521	24.24325	20.85195	33.74252	1
1603.635	1604.345	936.345	80.64	55.55	79.24	77.27	63.2181	0	36.7819	16.94458	19.83732	35.0288	1
1603.64	1604.35	936.35	80.62	28.04	80.31	77.52	61.44642	0	38.55358	12.91192	25.64166	36.48454	1
1603.645	1604.355	936.355	82.91	54.03	81.9	79.17	58.47504	0.496384	41.02858	20.05514	20.97344	35.63046	1
1603.65	1604.36	936.36	81.21	42.66	80.71	78.1	58.83808	0.641279	40.52064	11.50866	29.01198	35.76531	1
1603.655	1604.365	936.365	81.72	29.15	81.17	80.55	62.0258	0	37.9742	19.66055	18.31365	35.93586	1
1603.66	1604.37	936.37	81.27	24.46	80.72	80.09	63.57478	0	36.42522	11.376	25.04922	35.70443	1
1603.665	1604.375	936.375	81.27	28.96	80.51	78.98	64.11328	0	35.88672	19.25658	16.63014	35.57652	1
1603.67	1604.38	936.38	80.35	19.82	80.09	78.72	63.29656	0	36.70344	9.71493	26.98851	36.03051	1
1603.675	1604.385	936.385	80.46	17.83	80.53	79.21	61.11944	0.199297	38.68126	12.329	26.35226	36.3662	1
1603.68	1604.39	936.39	80.47	27.3	80.27	78.98	60.911	0.151539	38.93746	12.23603	26.70143	36.14987	1
1603.685	1604.395	936.395	81.16	30.08	81.11	79.72	58.44094	0.956515	40.60255	10.75157	29.85098	35.68554	1
1603.69	1604.4	936.4	82.13	27.01	82.27	82.33	56.81898	1.62434	41.55668	18.69624	22.86044	35.22582	1
1603.695	1604.405	936.405	82.06	31.71	81.7	80.09	59.62098	0.532946	39.84607	12.82633	27.01974	35.96631	1
1603.7	1604.41	936.41	81.08	39.73	81.37	81	53.54424	2.484999	43.97076	26.8158	17.15496	34.51192	1
1603.705	1604.415	936.415	81.45	51.18	81.21	80.33	54.54044	1.973668	43.48589	25.84698	17.63891	34.57784	1
1603.71	1604.42	936.42	81.39	40.23	81.23	81.04	56.62554	1.427791	41.94667	26.36755	15.57912	34.97813	1
1603.715	1604.425	936.425	86.15	30.35	86.1	85.89	53.7848	2.937487	43.27771	31.59848	11.67923	34.87983	1
1603.72	1604.43	936.43	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1604.055	1604.765	936.765	82.2	42.31	81.97	80.89	55.91948	1.651696	42.42882	19.02091	23.40792	35.02641	1
1604.06	1604.77	936.77	81.55	47.64	80.7	80.3	60.03262	0.159859	39.80752	12.76066	27.04686	35.51136	1
1604.065	1604.775	936.775	79.92	35.18	78.9	77.82	65.86504	0	34.13496	10.28815	23.84681	34.93671	1
1604.07	1604.78	936.78	83.16	80.87	80.58	77.65	63.91726	0	36.08274	25.63484	10.4479	33.7589	1
1604.075	1604.785	936.785	84.27	73.7	82.83	77.39	55.7962	0.910495	43.29331	25.3454	17.94791	35.42385	1
1604.08	1604.79	936.79	84.4	59.98	82.53	79.29	62.32934	0	37.67066	10.19133	27.47933	34.80297	1
1604.085	1604.795	936.795	85.11	53.66	84.02	80.53	57.16058	0.789675	42.04974	30.3769	11.67285	35.68011	1
1604.09	1604.8	936.8	84.45	38.97	84.06	82.24	55.89776	1.742247	42.35999	19.66139	22.6986	35.33021	1
1604.095	1604.805	936.805	83.96	24.17	83.06	82.29	63.88266	0	36.11734	16.02397	20.09337	35.6365	1
1604.1	1604.81	936.81	83.43	18.87	82.98	82.22	62.16536	0	37.83464	24.90245	12.93219	36.41254	1
1604.105	1604.815	936.815	80.05	19.91	79.88	79.5	62.85328	0	37.14672	7.284898	29.86182	35.9248	1
1604.11	1604.82	936.82	75.98	8.65	75.64	75.25	70.6401	0	29.3599	17.29425	12.06565	34.58272	1
1604.115	1604.825	936.825	79.61	20.11	79.43	79.51	63.28718	0	36.71282	24.47608	12.23674	35.69985	1

1604.12	1604.83	936.83	79.18	20.14	78.7	77.5	66.00052	0	33.99948	12.7785	21.22098	35.34512	1
1604.125	1604.835	936.835	79.36	23.74	79.19	77.33	62.56122	0	37.43878	6.206733	31.23205	36.09365	1
1604.13	1604.84	936.84	79.27	25.01	79.8	80.04	56.91168	1.40813	41.68019	29.63071	12.04949	35.11694	1
1604.135	1604.845	936.845	76.35	26.97	76.65	77.16	60.90626	0.00142	39.09232	7.649108	31.44321	35.60595	1
1604.14	1604.85	936.85	79.09	16.15	78.9	78.6	64.8014	0	35.1986	9.226626	25.97197	35.52168	1
1604.145	1604.855	936.855	79.38	27.63	78.88	77.68	64.15894	0	35.84106	6.876197	28.96486	35.51496	1
1604.15	1604.86	936.86	80.64	36.04	80.18	77.83	60.65452	0.133585	39.21189	11.46206	27.74983	36.14287	1
1604.155	1604.865	936.865	78.42	35.52	77.57	75.51	65.84526	0	34.15474	20.2253	13.92944	35.14072	1
1604.16	1604.87	936.87	81.69	47.95	80.65	78.94	61.3013	0	38.6987	18.86136	19.83734	35.61908	1
1604.165	1604.875	936.875	79.14	30.14	78.76	77	62.84232	0	37.15768	11.73127	25.42641	35.81739	1
1604.17	1604.88	936.88	78.74	31.49	78.17	77.62	64.35612	0	35.64388	14.92807	20.71581	35.23346	1
1604.175	1604.885	936.885	76.04	31.05	75.09	73.21	69.8916	0	30.1084	21.10358	9.004816	34.63787	1
1604.18	1604.89	936.89	77.64	50.55	76.29	74.11	66.8006	0	33.1994	6.453981	26.74542	34.74172	1
1604.185	1604.895	936.895	77.43	51.22	76.17	72.92	66.13416	0	33.86584	18.44915	15.41669	35.03668	1
1604.19	1604.9	936.9	79.42	64.82	78.26	73.98	60.23716	0.102333	39.66051	24.11811	15.5424	35.80096	1
1604.195	1604.905	936.905	75	30.51	74.44	73.83	67.95658	0	32.04342	6.8828	25.16062	34.59916	1
1604.2	1604.91	936.91	79.73	34.37	78.98	77.39	64.14336	0	35.85664	8.038034	27.81861	35.40632	1
1604.205	1604.915	936.915	79.12	33.88	78.4	76.09	64.59064	0	35.40936	13.65084	21.75852	35.45855	1
1604.21	1604.92	936.92	81.44	27.8	80.59	79.05	64.9351	0	35.0649	14.28139	20.78351	35.41726	1
1604.215	1604.925	936.925	80.49	24.7	80.14	79.84	62.6843	0	37.3157	25.50115	11.81455	35.81915	1
1604.22	1604.93	936.93	80.71	25	80.31	78.63	62.7968	0	37.2032	10.65698	26.54622	36.04694	1
1604.225	1604.935	936.935	78.78	25.87	78.48	75.39	63.58686	0	36.41314	16.32454	20.0886	36.00036	1
1604.23	1604.94	936.94	78.21	18.35	78.21	77.17	63.6061	0	36.3939	21.87721	14.51669	35.76489	1
1604.235	1604.945	936.945	79.47	27.67	78.74	75.33	65.84896	0	34.15104	13.5249	20.62614	35.58271	1
1604.24	1604.95	936.95	80.08	30.12	80.09	78.89	58.95986	0.745939	40.2942	28.56317	11.73103	35.686	1
1604.245	1604.955	936.955	79.78	28.64	79.61	77.61	60.98902	0.101722	38.90926	10.23729	28.67197	36.22993	1
1604.25	1604.96	936.96	78.93	33	78.29	76.27	64.3584	0	35.6416	9.4778	26.1638	35.47025	1
1604.255	1604.965	936.965	79.19	36.66	78.5	75.94	63.62098	0	36.37902	16.53541	19.84361	35.62735	1
1604.26	1604.97	936.97	79.77	26.21	79.14	76.57	65.15128	0	34.84872	18.68697	16.16175	35.6117	1
1604.265	1604.975	936.975	78.25	21.52	77.62	75.98	67.68466	0	32.31534	5.614506	26.70083	35.0657	1
1604.27	1604.98	936.98	81.2	34.88	81.11	78.35	57.55254	1.188312	41.25915	13.75145	27.5077	35.69214	1
1604.275	1604.985	936.985	83.52	62.31	82.91	81.69	52.81008	2.35337	44.83655	32.3022	12.53435	34.30012	1
1604.28	1604.99	936.99	79.9	33	79.71	77.64	59.9785	0.38372	39.63778	25.76404	13.87374	35.97403	1
1604.285	1604.995	936.995	77.47	22.96	76.82	74.83	68.20878	0	31.79122	5.78837	26.00285	35.00347	1
1604.29	1605	937	76.62	28	76.39	75.8	64.5161	0	35.4839	15.52446	19.95944	35.17969	1
1604.295	1605.005	937.005	75.93	22.08	75.41	74.33	68.83104	0	31.16896	22.95948	8.209481	34.72147	1
1604.3	1605.01	937.01	78.33	29.66	77.75	75.83	65.25368	0	34.74632	11.4505	23.29582	35.34974	1
1604.305	1605.015	937.015	80.79	29.87	80.45	77.68	61.07966	0.066676	38.85366	25.293	13.56066	36.42248	1
1604.31	1605.02	937.02	78.98	34.61	78.88	78.27	59.73778	0.428406	39.83381	15.73989	24.09392	35.57957	1
1604.315	1605.025	937.025	77.38	21	77.26	76.94	64.6584	0	35.3416	6.328026	29.01357	35.29778	1
1604.32	1605.03	937.03	77.96	17.61	77.62	76.92	66.65018	0	33.34982	23.31961	10.03021	35.13879	1
1604.325	1605.035	937.035	76.79	23.56	76.35	75.45	67.06168	0	32.93832	22.23713	10.70119	34.93319	1
1604.33	1605.04	937.04	76.8	28.24	76.15	76	67.54742	0	32.45258	18.93813	13.51445	34.64775	1
1604.335	1605.045	937.045	78.43	26.2	78.49	76.8	61.039	0.065804	38.8952	12.67048	26.22472	36.15658	1
1604.34	1605.05	937.05	79.25	17.39	79.13	78.33	63.81162	0	36.18838	16.18247	20.00591	35.79727	1
1604.345	1605.055	937.055	79.45	40.97	79.31	76.46	58.07626	0.905629	41.01811	13.08851	27.9296	35.59894	1
1604.35	1605.06	937.06	79.91	34.7	79.69	79.06	59.7904	0.427468	39.78213	20.93139	18.85074	35.64133	1
1604.355	1605.065	937.065	80.89	34.71	80.83	81.67	57.64638	1.150037	41.20358	11.62315	29.58043	35.03066	1
1604.36	1605.07	937.07	80.54	30.45	80.24	79.41	60.8593	0.132018	39.00868	15.68528	23.3234	35.9959	1
1604.365	1605.075	937.075	74.6	13.03	74.39	74.21	69.84224	0	30.15776	18.56792	11.58984	34.47837	1
1604.37	1605.08	937.08	74.06	19.3	73.59	73.8	70.8367	0	29.1633	9.927798	19.2355	34.2363	1
1604.375	1605.085	937.085	75.53	19.56	75.39	75.05	66.86388	0	33.13612	23.56244	9.573679	34.83756	1
1604.38	1605.09	937.09	70.95	24	71.04	70.74	68.2205	0	31.7795	12.00224	19.77726	34.26152	1
1604.385	1605.095	937.095	71.98	19.67	71.92	71.92	69.48326	0	30.51674	11.60484	18.9119	34.22549	1
1604.39	1605.1	937.1	72.14	29.25	72.22	70.77	65.9327	0	34.0673	17.66082	16.40648	34.76155	1
1604.395	1605.105	937.105	69.6	18.97	69.59	71.27	71.45476	0	28.54524	6.167301	22.37794	33.62205	1
1604.4	1605.11	937.11	74.5	42.11	72.98	71.86	73.04938	0	26.95062	10.13536	16.81526	34.20208	1
1604.405	1605.115	937.115	83.43	51.47	83.05	84.11	53.73366	2.261572	44.00477	23.33236	20.67241	34.18847	1
1604.41	1605.12	937.12	91.02	46.97	90.75	88.67	46.98736	5.561116	47.45152	14.88067	32.57086	34.18803	1
1604.415	1605.125	937.125	90.13	39.82	89.14	87.49	55.11646	1.724652	43.15889	26.26749	16.8914	35.46686	1
1604.42	1605.13	937.13	87	24.73	86.74	86.73	55.99034	2.203004	41.80666	16.34465	25.46201	35.33609	1
1604.425	1605.135	937.135	86.48	19.56	86.26	86.26	57.40988	1.771958	40.81816	18.45858	22.35958	35.64601	1
1604.43	1605.14	937.14	86.09	57.34	85.96	83.08	47.92842	4.46206	47.60952	28.39981	19.20971	34.13906	1
1604.435	1605.145	937.145	84.52	64.14	84.52	85.65	46.71972	4.679485	48.60079	34.69098	13.90981	33.08864	1
1604.44	1605.15	937.15	80.1	46.06	79.51	78.55	59.73398	0.339133	39.92689	16.70331	23.22358	35.49204	1
1604.445	1605.155	937.155	80.18	31.44	79.87	79.55	61.02842	0.065537	38.90604	25.74098	13.16507	35.89626	1
1604.45	1605.16	937.16	85.34	43.24	85.41	84.32	50.48062	3.847714	45.67167	18.25545	27.41621	34.31451	1
1604.455	1605.165	937.165	91.78	83.38	93.55	97.78	21.66694	17.99085	60.34221	30.95932	29.38289	31.24779	1
1604.46	1605.17	937.17	93.38	81.37	94.43	94.92	26.26136	15.77099	57.96765	27.15733	30.81032	31.90138	1
1604.465	1605.175	937.175	94.21	70.86	96.2	97.63	20.75618	21.00895	58.23487	38.57033	19.66455	31.71223	1
1604.47	1605.18	937.18	93.34	79.14	93.92	93.36	30.48032	13.19354	56.32614	35.35455	20.97159	32.23112	1
1604.475	1605.185	937.185	90.78	37.4	90.51	88.43	49.5241	4.791198	45.6847	30.85801	14.82669	34.63894	1
1604.48	1605.19	937.19	86.09	55.45	86.01	85.5	47.9983	4.503499	47.4982	19.32841	28.16979	33.73558	1

1604.485	1605.195	937.195	81.73	81.79	82.47	77.82	39.28022	6.843536	53.87624	20.09571	33.78053	33.14811	1
1604.49	1605.2	937.2	78.85	48.72	78.56	75.45	57.91526	0.896176	41.18856	17.62384	23.56472	35.43806	1
1604.495	1605.205	937.205	79.15	35.94	78.44	77.26	63.98702	0	36.01298	13.54154	22.47144	35.31449	1
1604.5	1605.21	937.21	81.76	74.43	81.27	82.04	50.56624	2.973097	46.46066	28.63433	17.82634	33.31307	1
1604.505	1605.215	937.215	81.22	58.13	80.6	80.54	56.01514	1.377569	42.60729	26.59057	16.01672	34.52061	1
1604.51	1605.22	937.22	82.62	54.9	81.77	79.21	57.2913	0.921625	41.78707	21.65451	20.13256	35.34361	1
1604.515	1605.225	937.225	83.68	50.55	83.47	84.38	52.4088	2.789444	44.80176	17.46902	27.33274	34.04084	1
1604.52	1605.23	937.23	83.66	74.18	84.36	85.32	39.65624	7.149557	53.1942	26.15231	27.0419	32.31347	1
1604.525	1605.235	937.235	83.64	54.61	83.54	84.34	50.61058	3.376895	46.01253	17.13159	28.88093	33.73935	1
1604.53	1605.24	937.24	85.15	44.65	84.94	84.59	52.4842	2.953852	44.56195	26.41391	18.14804	34.44516	1
1604.535	1605.245	937.245	83.49	32.88	83.63	85.24	54.14724	2.569497	43.28326	30.77333	12.50993	34.44798	1
1604.54	1605.25	937.25	84.64	65.05	85.29	84.84	41.3516	6.879191	51.76921	26.29457	25.47464	32.85559	1
1604.545	1605.255	937.255	82.86	35.93	82.72	82.8	56.15874	1.70687	42.13439	13.44616	28.68823	34.98772	1
1604.55	1605.26	937.26	77.45	53.18	78.74	80.33	45.87894	4.392867	49.72819	27.87959	21.84861	32.84565	1
1604.555	1605.265	937.265	73.45	39.6	74.33	75.62	56.0228	1.098637	42.87856	19.38324	23.49532	34.23207	1
1604.56	1605.27	937.27	72.5	28.53	71.76	70.15	72.13074	0	27.86926	17.70415	10.16511	34.40138	1
1604.565	1605.275	937.275	71.62	22.69	71.61	69.66	68.69612	0	31.30388	20.76708	10.5368	34.59861	1
1604.57	1605.28	937.28	69.52	16.29	70.04	68.74	68.06942	0	31.93058	11.08183	20.84875	34.26481	1
1604.575	1605.285	937.285	67.02	17.03	67	66.62	74.37534	0	25.62466	13.54289	12.08177	33.76706	1
1604.58	1605.29	937.29	67.21	34.14	66.74	66.5	73.54742	0	26.45258	6.629691	19.82289	33.95044	1
1604.585	1605.295	937.295	69.93	46.23	69.01	67.47	71.60674	0	28.39326	22.64016	5.753097	34.40328	1
1604.59	1605.3	937.3	72.48	31.07	72.29	72.08	67.27196	0	32.72804	8.140768	24.58727	34.44002	1
1604.595	1605.305	937.305	75.75	16.72	75.56	75.56	67.73626	0	32.26374	7.059409	25.20433	34.71712	1
1604.6	1605.31	937.31	76.68	18.15	76.13	75.29	69.3246	0	30.6754	20.93416	9.741245	34.70138	1
1604.605	1605.315	937.315	75.21	13.56	74.86	74.55	70.23778	0	29.76222	7.343488	22.41873	34.49652	1
1604.61	1605.32	937.32	76.76	50.73	75.24	74.04	68.88414	0	31.11586	10.04954	21.06632	34.34179	1
1604.615	1605.325	937.325	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1604.62	1605.33	937.33	81.27	40.62	79.85	79.17	66.40656	0	33.59344	16.96518	16.62826	34.49702	1
1604.625	1605.335	937.335	79.98	26.59	80.08	79.87	59.20862	0.700124	40.09126	29.22795	10.86331	35.60488	1
1604.63	1605.34	937.34	80.85	32.97	80.28	79.47	62.05676	0	37.94324	24.88653	13.05671	35.79539	1
1604.635	1605.345	937.345	78.07	47.33	77.2	76.32	63.46424	0	36.53576	10.17943	26.35633	35.09168	1
1604.64	1605.35	937.35	73.33	23.15	73.17	73	68.1741	0	31.8259	15.40171	16.42419	34.45283	1
1604.645	1605.355	937.355	75.46	29.46	75.49	75.85	63.21498	0	36.78502	11.20996	25.57506	35.0878	1
1604.65	1605.36	937.36	74.55	31.42	74.35	73.16	65.36036	0	34.63964	7.508598	27.13104	34.9707	1
1604.655	1605.365	937.365	76.49	30.58	75.85	74.5	67.18884	0	32.81116	10.69419	22.11697	34.87084	1
1604.66	1605.37	937.37	76.88	50.94	76	74.7	63.76292	0	36.23708	21.91331	14.32377	35.05691	1
1604.665	1605.375	937.375	79.13	52.29	78.86	79.61	56.63872	1.26353	42.09775	22.08835	20.0094	34.4572	1
1604.67	1605.38	937.38	79.16	73.67	77.71	76.17	60.58216	0	39.41784	22.49457	16.92327	35.16223	1
1604.675	1605.385	937.385	74.25	22.14	73.82	72.47	69.66462	0	30.33538	17.51864	12.81674	34.60589	1
1604.68	1605.39	937.39	73.84	23.36	73.3	72.19	70.59908	0	29.40092	13.0877	16.31322	34.45894	1
1604.685	1605.395	937.395	71.19	16.51	70.73	70.55	74.07478	0	25.92522	7.173155	18.75206	34.02072	1
1604.69	1605.4	937.4	68.87	4.32	68.76	68.37	76.44666	0	23.55334	10.49415	13.05919	33.85036	1
1604.695	1605.405	937.405	68.73	6.54	68.84	68.8	74.33322	0	25.66678	6.005709	19.66107	33.75631	1
1604.7	1605.41	937.41	68.69	13.09	68	67.33	78.98492	0	21.01508	15.51647	5.498608	34.06185	1
1604.705	1605.415	937.415	67.82	16.48	67.6	66.86	75.32244	0	24.67756	6.366687	18.31087	33.91776	1
1604.71	1605.42	937.42	67.96	21.54	68.04	67.27	71.64412	0	28.35588	8.422195	19.93369	33.93696	1
1604.715	1605.425	937.425	65.55	16.9	64.89	64.05	80.7192	0	19.2808	18.21108	1.069724	34.13619	1
1604.72	1605.43	937.43	64.83	6.7	64.62	64.09	80.3625	0	19.6375	19.6375	0	33.8218	1
1604.725	1605.435	937.435	71.94	11.02	72.17	73.04	69.36586	0	30.63414	5.890421	24.74372	34.08161	1
1604.73	1605.44	937.44	82.01	21.28	82.17	83.67	58.16104	1.246736	40.59222	27.071	13.52122	35.28192	1
1604.735	1605.445	937.445	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1605.005	1605.717	937.7168	99.16	37.27	98.31	98.08	46.34096	6.441559	47.21748	21.60437	25.61311	34.11879	2
1605.01	1605.722	937.7224	99.24	67.17	98.89	99.04	35.15656	11.68986	53.15358	36.77788	16.3757	32.52441	2
1605.015	1605.728	937.7281	98.25	62.49	98.79	99.48	30.30242	16.22379	53.47379	33.70992	19.76387	31.97756	2
1605.02	1605.734	937.7337	96.98	52.58	97.26	100.3	35.88404	12.76951	51.34645	31.95042	19.39603	32.01991	2
1605.025	1605.739	937.7393	96.86	59.21	97.43	98.04	32.14248	14.8388	53.01872	34.8793	18.13942	32.14197	2
1605.03	1605.745	937.745	100.79	60.29	101.31	102.4	28.65302	18.63887	52.70811	33.02574	19.68237	31.71359	2
1605.035	1605.751	937.7506	99.43	50.1	99.35	99.88	37.0202	12.4508	50.529	31.43046	19.09853	32.61758	2
1605.04	1605.756	937.7563	99.88	49.72	100.25	100.76	33.21066	15.88293	50.90641	20.366	30.54041	32.19076	2
1605.045	1605.762	937.7619	100.88	54.73	101.83	102.83	26.58324	21.541	51.87576	18.86895	33.00682	31.53044	2
1605.05	1605.768	937.7676	100.24	59.7	101.41	102.21	24.2643	22.6618	53.0739	34.37995	18.69394	31.50229	2
1605.055	1605.773	937.7732	101.79	69.47	102.45	104.33	24.42646	21.48989	54.08365	25.75654	28.3271	31.31398	2
1605.06	1605.779	937.7788	100.74	97.05	100.74	102.09	23.8331	17.33977	58.82713	26.9425	31.88463	31.61213	2
1605.065	1605.784	937.7845	96.99	68.25	95.82	93.12	43.3202	5.523501	51.1563	18.93572	32.22058	33.96048	2
1605.07	1605.79	937.7901	95.05	79.17	95.46	95.25	30.21736	13.68369	56.09895	32.32951	23.76944	32.15412	2
1605.075	1605.796	937.7958	96.41	104.59	98.81	101.67	7.39202	28.70752	63.90046	60.85359	3.046872	-9999	2
1605.08	1605.801	937.8014	97.85	106.14	99.78	101.35	9.33462	27.82131	62.84407	53.86135	8.982718	31.90487	2
1605.085	1605.807	937.8071	96.34	90.25	95.4	90.18	36.8117	7.961112	55.22719	31.60876	23.61843	33.56186	2
1605.09	1605.813	937.8127	91.3	38.84	90.81	89.78	50.40222	4.207045	45.39074	17.3308	28.05994	34.58946	2
1605.095	1605.818	937.8183	91.57	34.18	91.73	92.55	46.24404	6.904015	46.85195	18.60702	28.24492	33.66484	2
1605.1	1605.824	937.824	98.2	48.82	98.26	99.57	37.37656	12.21747	50.40597	19.69972	30.70625	32.50232	2
1605.105	1605.83	937.8296	94.4	82.29	95.53	93.72	24.48032	17.22443	58.29525	34.13682	24.15844	32.27317	2
1605.11	1605.835	937.8353	92.53	131.91	92.12	84.45	26.12768	11.46404	62.40828	36.07168	26.33659	33.10166	2

1605.115	1605.841	937.8409	89.4	110.6	89.06	81.06	33.6218	8.771254	57.60695	37.2637	20.34325	33.38406	2
1605.12	1605.847	937.8466	86.6	119.8	85.86	78.78	37.0714	6.819317	56.10928	34.46663	21.64266	33.11586	2
1605.125	1605.852	937.8522	83.01	85.45	83.81	85.33	36.7519	7.888392	55.35971	26.91294	28.44677	31.86063	2
1605.13	1605.858	937.8579	88.37	53.56	88.27	87.8	46.51308	5.357962	48.12896	32.57055	15.5584	33.65163	2
1605.135	1605.863	937.8635	90.27	91.99	90.1	83.87	36.00752	8.631745	55.36073	27.26752	28.09321	33.40158	2
1605.14	1605.869	937.8691	88.58	77.03	88.41	84.24	41.18264	6.777434	52.03993	37.21716	14.82276	33.50234	2
1605.145	1605.875	937.8748	86.13	56.78	85.08	83.79	55.15714	1.399761	43.4431	24.54852	18.89458	34.93077	2
1605.15	1605.88	937.8804	91.88	29.26	91.76	91.26	49.31948	5.496481	45.18404	16.76387	28.42017	34.41602	2
1605.155	1605.886	937.8861	95.65	70.97	95.83	96.14	33.43226	12.34853	54.21921	30.1584	24.06081	32.28081	2
1605.16	1605.892	937.8917	90.06	29.57	90.29	89.26	48.20636	5.969729	45.82391	28.17949	17.64443	34.28819	2
1605.165	1605.897	937.8974	90.79	28.51	91.45	91.23	44.45878	8.233166	47.30805	31.24171	16.06634	33.65059	2
1605.17	1605.903	937.903	93.88	61.03	94.3	94.98	35.60614	11.582	52.81186	23.74238	29.06948	32.3972	2
1605.175	1605.909	937.9086	90.23	80.75	91.32	90.81	28.9994	13.24191	57.75869	33.45624	24.30246	32.16014	2
1605.18	1605.914	937.9143	86.5	65.85	86	79.95	48.3593	3.951137	47.68956	22.87335	24.81622	34.67701	2
1605.185	1605.92	937.9199	81.49	40.26	81.04	78.2	58.77378	0.692337	40.53388	21.45757	19.07631	35.84101	2
1605.19	1605.926	937.9256	79.25	62.32	79.57	78.14	49.52856	3.401048	47.07039	29.65038	17.42002	33.67333	2
1605.195	1605.931	937.9312	87.59	61.64	87.09	85.48	48.37532	4.087407	47.53727	15.71109	31.82619	33.9709	2
1605.2	1605.937	937.9369	93.5	84.73	93.51	93.18	33.39784	10.85088	55.75128	20.92305	34.82823	32.30649	2
1605.205	1605.942	937.9425	96.08	36.5	96	94.59	43.3934	8.900357	47.70624	19.58871	28.11753	33.75954	2
1605.21	1605.948	937.9481	96.1	26.65	95.78	94.84	47.6187	6.918035	45.46326	27.62482	17.83845	34.35865	2
1605.215	1605.954	937.9538	94.06	37.81	93.81	90.67	46.25228	6.748473	46.99925	18.69473	28.30451	34.44147	2
1605.22	1605.959	937.9594	89.57	33.82	88.73	87.55	55.92116	1.704814	42.37403	15.73072	26.6433	35.5567	2
1605.225	1605.965	937.9651	86.95	19.59	87.28	88.78	52.70772	3.931443	43.36084	26.65115	16.70969	34.54052	2
1605.23	1605.971	937.9707	87.87	16.93	88.08	87.91	53.43504	3.799528	42.76543	31.85029	10.91515	35.03145	2
1605.235	1605.976	937.9764	91.16	26.25	91.04	90.51	50.7103	4.885912	44.40379	30.51234	13.89145	34.64894	2
1605.24	1605.982	937.982	94.64	55.81	95.56	95.22	32.29518	14.5227	53.18212	35.12772	18.0544	32.36021	2
1605.245	1605.988	937.9876	96.3	99.29	98.57	99.43	9.78332	27.36	62.85668	42.84334	20.01334	32.11253	2
1605.25	1605.993	937.9933	98.78	79.69	100.5	102.39	16.50742	25.92545	57.56713	36.68257	20.88456	31.37245	2
1605.255	1605.999	937.9989	94.59	92.62	96.3	98.66	17.31066	21.34604	61.3433	34.46928	26.87403	31.55519	2
1605.26	1606.005	938.0046	89.9	75.47	89.12	82.32	45.07326	4.876548	50.05019	34.62723	15.42296	34.4746	2
1605.265	1606.01	938.0102	85.24	55.25	84.23	84.08	56.0362	1.177909	42.78589	18.915	23.87089	34.83587	2
1605.27	1606.016	938.0159	85.39	36.55	85.43	84.95	52.2861	3.319782	44.39412	15.80651	28.58761	34.55826	2
1605.275	1606.021	938.0215	86.48	29.5	86.2	84.9	55.4694	2.237591	42.29301	29.28621	13.0068	35.38503	2
1605.28	1606.027	938.0271	90	50.35	90.36	90.53	42.2253	7.881626	49.89307	24.88738	25.00569	33.11938	2
1605.285	1606.033	938.0328	92.1	48.55	92.67	91.28	39.1014	10.12854	50.77006	34.09197	16.67809	33.13927	2
1605.29	1606.038	938.0384	91.42	35	91.84	92.55	44.1686	8.035405	47.796	19.26917	28.52683	33.39869	2
1605.295	1606.044	938.0441	89.18	57.95	89.63	83.55	40.443	8.257397	51.2996	32.55594	18.74366	34.00868	2
1605.3	1606.05	938.0497	83.6	49.07	83.82	84.39	49.50806	3.950567	46.54137	27.78838	18.753	33.71239	2
1605.305	1606.055	938.0554	81.83	20.42	81.98	82.43	58.61226	1.091033	40.29671	16.28718	24.00953	35.56045	2
1605.31	1606.061	938.061	83.18	22.46	83.08	83.32	58.81408	1.031902	40.15402	12.10809	28.04593	35.66619	2
1605.315	1606.067	938.0666	84.65	36.51	84.5	83.95	54.44908	2.396384	43.15454	31.82622	11.32832	34.88527	2
1605.32	1606.072	938.0723	84.71	28.37	85.15	86.26	51.79126	3.755644	44.4531	18.23577	26.21732	34.28003	2
1605.325	1606.078	938.0779	83.83	37.1	83.96	85.2	52.8907	2.966956	44.14234	27.84063	16.30172	34.2607	2
1605.33	1606.084	938.0836	84.33	52.35	84.77	84.67	46.3377	5.189087	48.47321	33.06158	15.41163	33.43135	2
1605.335	1606.089	938.0892	81.07	45.62	79.73	78.26	64.76056	0	35.23944	16.5763	18.66314	34.84896	2
1605.34	1606.095	938.0949	79	16.37	78.77	78.73	65.14096	0	34.85904	8.218134	26.64091	35.38182	2
1605.345	1606.1	938.1005	78.28	23.93	78.25	78.73	62.42384	0	37.57616	20.53423	17.04193	35.58276	2
1605.35	1606.106	938.1061	80.82	34.5	80.52	80.55	59.6216	0.491064	39.88734	18.55043	21.33691	35.5322	2
1605.355	1606.112	938.1118	78.88	42.33	78.12	77.71	63.07654	0	36.92346	20.43207	16.49139	35.18494	2
1605.36	1606.117	938.1174	71.71	29.76	70.62	69.81	75.27238	0	24.72762	17.98982	6.737797	34.16238	2
1605.365	1606.123	938.1231	70.18	19.27	69.88	69.19	73.09606	0	26.90394	8.691967	18.21197	34.0715	2
1605.37	1606.129	938.1287	70.21	16.4	69.96	68.71	73.3755	0	26.6245	4.051875	22.57263	34.16046	2
1605.375	1606.134	938.1344	69.44	39.2	68.41	67.72	74.6113	0	25.3887	7.162272	18.22643	34.18017	2
1605.38	1606.14	938.14	76.12	55.27	75.94	74.63	57.98926	0.847212	41.16353	20.94747	20.21606	34.82278	9
1605.385	1606.146	938.1456	84.09	86.62	84.73	87.16	36.71516	8.018912	55.26593	33.9777	21.28823	31.70187	9
1605.39	1606.151	938.1513	84.51	67.63	83.17	80.72	56.26934	0.841198	42.88946	25.98081	16.90866	35.05689	9
1605.395	1606.157	938.1569	88.37	73.8	86.9	84.43	52.2325	1.70649	46.06101	22.15749	23.90352	34.58928	9
1605.4	1606.163	938.1626	93.14	91.47	92.63	88.74	36.12796	8.588963	55.28308	21.59593	33.68714	33.09425	9
1605.405	1606.168	938.1682	96.37	90.9	95.11	90.52	39.1068	6.299007	54.59419	26.19325	28.40094	33.67582	9
1605.41	1606.174	938.1739	94.51	114.31	92.04	88.27	44.53028	1.447008	54.02271	23.15209	30.87063	33.87723	9
1605.415	1606.18	938.1795	90.43	62.1	89.51	87.12	48.9062	3.616631	47.47717	31.01354	16.46363	34.33954	9
1605.42	1606.185	938.1851	88.18	129.37	85.63	81.78	47.32936	1.727709	50.94293	17.86652	33.07641	33.39829	9
1605.425	1606.191	938.1908	86.67	120.68	83.87	83.04	52.75904	0.303721	46.93724	28.83446	18.10278	33.54966	9
1605.43	1606.196	938.1964	89.76	105.05	88.51	88.45	41.6862	4.995043	53.31876	21.08455	32.2342	32.53754	9
1605.435	1606.202	938.2021	94.91	108.88	92.55	90.77	44.62384	1.630337	53.74582	17.69425	36.05157	33.60332	9
1605.44	1606.208	938.2077	93.91	86.04	92.07	89.51	47.04112	2.329502	50.62938	24.1409	26.48848	34.14468	9
1605.445	1606.213	938.2134	96.25	95.17	94.6	91.57	41.20636	4.490392	54.30325	27.76685	26.5364	33.60343	9
1605.45	1606.219	938.219	95.46	97.44	93.96	90.16	40.22132	5.161312	54.61737	27.72553	26.89184	33.55912	9
1605.455	1606.225	938.2246	95.98	91.26	94.95	91.8	37.59598	7.37587	55.02815	29.79909	25.22906	33.22787	9
1605.46	1606.23	938.2303	95.66	126.55	93.49	88.92	38.1852	3.840503	57.9743	27.39271	30.58159	33.36315	9
1605.465	1606.236	938.2359	90.14	87.38	88.77	86.94	46.54274	3.447927	50.00933	18.3137	31.69563	33.62471	9
1605.47	1606.242	938.2416	87.15	77.98	86.27	85.45	47.77084	3.702473	48.52669	24.91991	23.60678	33.50728	9
1605.475	1606.247	938.2472	85.51	117.37	84.49	84.68	40.83226	5.413687	53.75405	31.5229	22.23116	31.96995	9

1605.48	1606.253	938.2529	94.88	271.98	90.22	86.96	23.00624	2.453675	74.54009	41.81703	32.72306	31.42513	9
1605.485	1606.259	938.2585	91.85	225.44	90.47	87.68	11.63652	13.22005	75.14343	58.18046	16.96298	32.12551	9
1605.49	1606.264	938.2641	90	131.34	88.16	86.45	39.67572	4.584285	55.73999	22.41019	33.3298	32.38913	9
1605.495	1606.27	938.2698	95.8	129.71	93.91	89.89	35.12168	5.473868	59.40445	24.87811	34.52635	33.00126	9
1605.5	1606.275	938.2754	97.48	112.05	95.48	90.82	38.7023	4.095883	57.20182	19.79876	37.40306	33.67259	9
1605.505	1606.281	938.2811	99.35	122.18	98.16	94.47	28.25294	10.1562	61.59086	38.37896	23.2119	32.79467	9
1605.51	1606.287	938.2867	93.38	101.32	93.24	92.1	30.65596	11.16065	58.18339	30.24847	27.93491	32.21886	9
1605.515	1606.292	938.2924	88.79	104.79	87	79.88	46.82652	2.751432	50.42205	34.82795	15.5941	34.32401	9
1605.52	1606.298	938.298	85.15	42.56	84.84	83.96	53.76498	2.492757	43.74226	15.2353	28.50696	34.76695	2
1605.525	1606.304	938.3036	87.4	66.85	87.34	89.15	43.8793	5.938338	50.18236	32.31711	17.86526	32.72842	2
1605.53	1606.309	938.3093	87.22	46.97	85.98	84.63	58.00086	0.40426	41.59488	18.7699	22.82498	35.67396	2
1605.535	1606.315	938.3149	85.48	50.25	85.57	86.71	48.5004	4.449796	47.0498	18.3509	28.69891	33.53201	2
1605.54	1606.321	938.3206	83.65	103.12	82.11	82.11	50.02196	2.497022	47.48102	33.34284	14.13818	33.01497	2
1605.545	1606.326	938.3262	83.94	46.59	82.81	81	60.25792	0	39.74208	10.63988	29.1022	35.84681	2
1605.55	1606.332	938.3319	86.17	44.44	85.61	85.15	54.30912	2.183777	43.5071	14.286	29.2211	34.80567	2
1605.555	1606.338	938.3375	85.42	35.21	84.59	83.09	59.32528	0.439379	40.23534	25.62559	14.60975	36.01093	2
1605.56	1606.343	938.3431	85.54	56.83	83.8	80.47	61.03534	0	38.96466	20.71232	18.25234	35.15061	2
1605.565	1606.349	938.3488	82.27	50.45	81.09	78.37	61.2477	0	38.7523	20.42357	18.32873	35.67992	2
1605.57	1606.354	938.3544	85.51	40.32	84.05	83.38	62.88836	0	37.11164	23.07551	14.03613	34.94041	2
1605.575	1606.36	938.3601	88.15	44.01	86.95	85.38	57.55158	0.595332	41.85309	17.73332	24.11977	35.73025	2
1605.58	1606.366	938.3657	91.63	58.28	90.41	90	51.05164	2.543165	46.4052	17.5696	28.8356	34.42271	2
1605.585	1606.371	938.3714	93.34	62.22	92.49	91.06	45.65746	5.114598	49.22794	32.49222	16.73572	33.86153	2
1605.59	1606.377	938.377	91.64	64.47	90.79	88.85	46.67696	4.54003	48.78301	16.52015	32.26286	33.98486	2
1605.595	1606.383	938.3826	89.87	45.44	88.76	87.17	54.92562	1.545707	43.52867	19.65492	23.87375	35.33235	2
1605.6	1606.388	938.3883	90.24	22.89	90.18	90.43	51.90482	4.40922	43.68596	25.39544	18.29052	34.70201	2
1605.605	1606.394	938.3939	92.09	39.18	92.75	93.73	40.68064	9.914353	49.40501	21.90976	27.49525	32.91815	2
1605.61	1606.4	938.3996	92.22	47.28	92.93	93.56	38.21334	10.79956	50.9871	29.94312	21.04398	32.68925	2
1605.615	1606.405	938.4052	90.73	84.44	92.04	93.14	25.94142	14.89183	59.16675	36.64573	22.52102	31.79424	2
1605.62	1606.411	938.4109	85.86	89.68	84.55	80.8	49.45874	2.722496	47.81876	19.39537	28.42339	34.01302	2
1605.625	1606.417	938.4165	83.92	23.52	83.33	81.81	61.67426	0	38.32574	6.401651	31.92409	36.47313	2
1605.63	1606.422	938.4222	87.39	17.52	87.22	86.96	56.67886	2.207246	41.11389	23.10065	18.01324	35.60917	2
1605.635	1606.428	938.4278	91.58	37.56	91.4	91.96	48.05188	5.618918	46.3292	17.35598	28.97322	33.94355	2
1605.64	1606.433	938.4334	88.93	65.8	87.75	86.04	51.4058	2.363658	46.23054	24.73888	21.49166	34.45503	2
1605.645	1606.439	938.4391	86.58	30.67	85.96	86	57.72926	1.200227	41.07051	30.36271	10.7078	35.54452	2
1605.65	1606.445	938.4447	88.84	34.21	88.41	87.21	53.32088	3.013765	43.66535	21.78358	21.88178	35.03832	8
1605.655	1606.45	938.4504	94.85	52.87	94.76	94.31	40.64096	9.091797	50.26724	27.42637	22.84087	33.14577	8
1605.66	1606.456	938.456	97.86	95.33	98.28	98.1	23.64394	17.30181	59.05425	42.23647	16.81779	31.88879	8
1605.665	1606.462	938.4617	98.8	94.87	98.94	94.57	25.06046	16.35701	58.58253	42.59618	15.98635	32.7	8
1605.67	1606.467	938.4673	96.17	75.11	96.32	96.39	32.18448	12.86765	54.94787	22.32569	32.62218	32.22884	8
1605.675	1606.473	938.4729	91.59	70.63	92.09	91.81	34.76974	10.92337	54.30689	36.51761	17.78929	32.43249	8
1605.68	1606.479	938.4786	88.91	147	89.48	88.08	18.2113	14.58437	67.20433	34.52299	32.68134	31.94079	8
1605.685	1606.484	938.4842	84.76	109.1	83.14	75.89	48.1736	2.867456	48.95894	28.26276	20.69618	34.11465	8
1605.69	1606.49	938.4899	81.47	25.75	81.4	81.06	59.3586	0.718649	39.92275	22.70263	17.22012	35.73511	8
1605.695	1606.496	938.4955	78.89	50.51	77.54	76.64	65.66028	0	34.33972	6.025482	28.31424	34.59533	8
1605.7	1606.501	938.5012	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1606.03	1606.869	938.8692	110.07	110.74	110.24	104.53	10.61902	31.35622	58.02476	37.43141	20.59335	32.35291	8
1606.035	1606.874	938.8741	109.79	82.8	110.36	112.22	14.5381	33.55575	51.90615	40.2991	11.60705	30.40231	8
1606.04	1606.879	938.879	101.9	96.75	101.51	99.98	25.861	15.54828	58.59072	43.82857	14.76215	32.24795	8
1606.045	1606.884	938.8839	91.94	62.17	90.25	88.21	53.46756	0.919328	45.61311	16.2391	29.37401	35.12758	8
1606.05	1606.889	938.8888	90.92	27.75	90.32	88.43	54.2881	2.814968	42.89693	26.0822	16.81473	35.5038	2
1606.055	1606.894	938.8937	94.75	31.69	94.65	94.78	45.93602	7.542555	46.52143	31.92831	14.59312	33.82833	2
1606.06	1606.899	938.8986	96.06	55.83	95.45	92.37	42.84144	7.276457	49.8821	28.91149	20.97062	33.93642	2
1606.065	1606.904	938.9035	96.11	64.25	95.37	91.55	41.7653	7.168755	51.06594	26.45746	24.60848	33.90907	2
1606.07	1606.908	938.9084	93.7	35.36	93.27	90.45	48.57138	5.48575	45.94287	14.70677	31.2361	34.73846	2
1606.075	1606.913	938.9133	93.12	24.33	92.36	91.56	54.33174	2.876992	42.79127	30.82432	11.96695	35.44991	2
1606.08	1606.918	938.9182	92.78	37.27	91.5	90.12	55.54306	1.248544	43.2084	28.93739	14.271	35.68321	2
1606.085	1606.923	938.9231	91.42	56.54	91.07	91.41	44.92342	6.067589	49.00899	20.6622	28.3468	33.38374	2
1606.09	1606.928	938.928	87.89	63.14	86.09	85.71	57.81132	0	42.18868	20.01797	22.17071	34.931	2
1606.095	1606.933	938.9329	89.71	54.71	88.05	84.81	57.09198	0.029831	42.87819	24.8153	18.06289	35.93068	2
1606.1	1606.938	938.9379	90.56	58.82	88.61	84.61	57.56286	0	42.43714	10.047	32.39014	35.31721	2
1606.105	1606.943	938.9428	91.72	33.09	91.07	90.09	52.64732	3.322126	44.03055	21.11638	22.91417	35.02588	2
1606.11	1606.948	938.9477	93.77	20.37	93.68	93.63	49.49956	6.187168	44.31327	15.13824	29.17504	34.46635	2
1606.115	1606.953	938.9526	95.7	43.02	96.7	97.88	33.79516	15.14138	51.06346	20.31316	30.75029	32.18228	2
1606.12	1606.957	938.9575	93.09	91.25	92.14	96.39	39.6372	6.50239	53.86041	33.07273	20.78769	31.88351	2
1606.125	1606.962	938.9624	89.12	60.76	87.22	84.87	58.03068	0	41.96932	22.23386	19.73546	35.05859	2
1606.13	1606.967	938.9673	88.25	23.06	87.64	86.38	57.95698	1.34418	40.69884	28.93715	11.76169	36.01372	2
1606.135	1606.972	938.9722	90.9	31.01	90.64	90.67	50.88258	4.464309	44.65311	25.8551	18.79801	34.51499	2
1606.14	1606.977	938.9771	86.83	38.95	85.96	85.31	57.433	0.999499	41.5675	21.81734	19.75017	35.51224	2
1606.145	1606.982	938.982	84.18	23.96	83.55	82.14	61.63858	0	38.36142	20.88137	17.48005	36.43845	2
1606.15	1606.987	938.9869	86.56	26.38	86.02	84.73	58.16584	1.173881	40.66028	27.73079	12.92948	35.92778	2
1606.155	1606.992	938.9918	88.73	33.96	88.41	86.79	52.63008	3.367757	44.00216	27.36746	16.6347	34.99101	2
1606.16	1606.997	938.9967	90.01	48.97	89.38	87.14	50.22256	3.729321	46.04812	16.01469	30.03343	34.61499	2
1606.165	1607.002	939.0016	88.03	49.82	86.12	82.41	61.75846	0	38.24154	15.52054	22.721	34.8249	2

1606.17	1607.007	939.0065	85.4	41.34	84.61	82.94	57.55022	0.973196	41.47658	20.23721	21.23938	35.60098	2
1606.175	1607.011	939.0115	82.31	27.15	81.5	80.57	63.982	0	36.018	8.112138	27.90586	35.53299	2
1606.18	1607.016	939.0164	81.31	24.15	80.89	80.55	62.6055	0	37.3945	6.221117	31.17338	35.8865	2
1606.185	1607.021	939.0213	80.1	20.21	79.82	79.39	63.58718	0	36.41282	20.5295	15.88332	35.73759	2
1606.19	1607.026	939.0262	81.43	27.84	80.66	79.68	64.31462	0	35.68538	10.56292	25.12246	35.44285	2
1606.195	1607.031	939.0311	81.39	34.84	80.53	78.55	63.35492	0	36.64508	25.62278	11.0223	35.61007	2
1606.2	1607.036	939.036	82.38	61.58	80.58	78.61	63.25804	0	36.74196	21.15966	15.5823	34.58687	2
1606.205	1607.041	939.0409	86.76	105.16	84.2	79.92	54.57208	0	45.42792	21.68939	23.73853	34.70591	2
1606.21	1607.046	939.0458	78.6	34.12	78.13	78.04	63.07346	0	36.92654	8.442455	28.48409	35.31432	2
1606.215	1607.051	939.0507	76.25	21.51	75.75	76.35	68.51958	0	31.48042	17.10871	14.37171	34.45231	2
1606.22	1607.056	939.0556	78.76	27.55	78.14	77.88	65.6787	0	34.3213	5.478464	28.84284	35.00886	2
1606.225	1607.061	939.0605	80.77	48.97	80.61	80.58	55.08086	1.812853	43.10629	14.69861	28.40767	34.4861	2
1606.23	1607.065	939.0654	79.34	28.9	79.17	78.67	61.3309	0	38.6691	12.08739	26.58171	35.95266	2
1606.235	1607.07	939.0703	77.87	24.22	77.66	78.32	64.12586	0	35.87414	12.4201	23.45404	35.16377	2
1606.24	1607.075	939.0752	75.63	30.36	75.78	76.61	61.91078	0	38.08922	18.50055	19.58867	35.20447	2
1606.245	1607.08	939.0802	76.18	32.61	75.43	74.32	67.83528	0	32.16472	5.759666	26.40505	34.69249	2
1606.25	1607.085	939.0851	76.99	31.56	76.39	76.2	66.18168	0	33.81832	21.22407	12.59425	34.78336	2
1606.255	1607.09	939.09	80.37	27.38	80.04	78.56	61.99114	0	38.00886	24.43506	13.5738	36.09122	2
1606.26	1607.095	939.0949	82.08	43.35	81.49	77.85	58.5682	0.700483	40.73132	19.69879	21.03253	35.9215	2
1606.265	1607.1	939.0998	82.35	89.51	79.4	78.14	65.43908	0	34.56092	15.02986	19.53106	33.03979	2
1606.27	1607.105	939.1047	79.39	35.63	79.04	78.23	61.05124	0.022537	38.92622	21.33997	17.58626	35.85182	2
1606.275	1607.11	939.1096	77.59	64.8	78	75.49	49.7581	3.199041	47.04286	30.29488	16.74798	33.76553	2
1606.28	1607.115	939.1145	70.18	47.28	70.32	70.14	62.90764	0	37.09236	9.198097	27.89426	34.58981	2
1606.285	1607.119	939.1194	66.53	17.73	66.35	66.17	75.89674	0	24.10326	4.296499	19.80676	33.73956	2
1606.29	1607.124	939.1243	72.26	19.33	72.1	71.79	70.08294	0	29.91706	7.391877	22.52518	34.25209	2
1606.295	1607.129	939.1292	80.65	23.12	80.53	80.49	61.13696	0.131882	38.73116	9.672149	29.05901	36.02486	2
1606.3	1607.134	939.1341	80.85	29.14	81.58	82.85	52.90862	2.861228	44.23015	29.98301	14.24714	34.26486	2
1606.305	1607.139	939.139	81.66	25.71	81.98	81.59	56.17098	1.851199	41.97782	11.87818	30.09964	35.17529	2
1606.31	1607.144	939.1439	82.53	25.25	82.14	81.82	60.9844	0.165164	38.85044	11.01381	27.83663	36.1091	2
1606.315	1607.149	939.1489	80.98	24.36	80.85	81.16	60.61078	0.298752	39.09047	11.39888	27.69159	35.85088	2
1606.32	1607.154	939.1538	80.71	20.93	81.2	82.61	56.88424	1.602518	41.51324	20.34112	21.17212	35.00797	2
1606.325	1607.159	939.1587	78.56	19.46	78.61	78.32	62.62798	0	37.37202	9.17827	28.19375	35.81644	2
1606.33	1607.164	939.1636	76.67	21.64	76.67	77.08	64.22672	0	35.77328	25.14322	10.63006	35.14277	2
1606.335	1607.168	939.1685	73.84	20.7	73.74	73.57	67.8328	0	32.1672	17.94991	14.21729	34.52653	2
1606.34	1607.173	939.1734	72.97	34.92	72.79	72.69	65.81196	0	34.18804	8.658919	25.52912	34.56017	2
1606.345	1607.178	939.1783	72.32	33.3	71.91	72.1	68.5845	0	31.4155	22.99758	8.417923	34.23591	2
1606.35	1607.183	939.1832	76.07	49.18	75.24	73.14	64.54654	0	35.45346	12.47593	22.97753	35.09345	2
1606.355	1607.188	939.1881	76.41	34.24	75.66	73.69	67.22922	0	32.77078	24.74009	8.030689	34.90815	2
1606.36	1607.193	939.193	70.44	22.67	70.41	70.77	69.94156	0	30.05844	11.1092	18.94924	33.98462	2
1606.365	1607.198	939.1979	69.26	29.1	68.78	68.8	72.9586	0	27.0414	21.12698	5.914417	33.93843	2
1606.37	1607.203	939.2028	71.67	37.24	70.5	69.79	74.11902	0	25.88098	12.29515	13.58583	34.166	2
1606.375	1607.208	939.2077	80.11	16.49	79.81	79.78	64.63322	0	35.36678	14.25093	21.11585	35.54574	2
1606.38	1607.213	939.2126	90.71	40.51	90.43	89.06	48.91338	4.923026	46.16359	24.63263	21.53096	34.36539	2
1606.385	1607.218	939.2175	93.75	62.74	93.52	92.29	40.34942	8.342151	51.30843	18.63732	32.67111	33.17462	2
1606.39	1607.222	939.2225	90.08	39.39	90.07	90.07	47.67152	5.643458	46.68502	19.50443	27.1806	33.91789	2
1606.395	1607.227	939.2274	89.17	35.13	89.95	90.65	43.41714	8.059802	48.52306	33.37	15.15306	33.27087	2
1606.4	1607.232	939.2323	87.23	55.85	87.29	87.43	45.7677	5.547745	48.68456	26.29609	22.38847	33.36641	2
1606.405	1607.237	939.2372	86.29	24.87	86.23	86.26	55.05966	2.595799	42.34454	24.07161	18.27293	35.1097	2
1606.41	1607.242	939.2421	89.53	29.58	89.28	89.41	52.41154	3.720994	43.86747	30.04161	13.82586	34.71048	2
1606.415	1607.247	939.247	89.57	36.39	88.71	87.82	55.45422	1.800777	42.745	23.51192	19.23309	35.37494	2
1606.42	1607.252	939.2519	90.12	39.07	89.58	88.78	51.81966	3.470845	44.7095	13.48533	31.22417	34.71159	2
1606.425	1607.257	939.2568	90.18	45.55	89.85	90.41	48.5688	4.791472	46.63973	27.19914	19.44059	33.88784	2
1606.43	1607.262	939.2617	87.93	31.76	88.08	88.18	50.25598	4.607018	45.137	32.69209	12.44491	34.28673	2
1606.435	1607.267	939.2666	88.98	71.18	90.39	89.96	29.98534	12.97666	57.038	24.60312	32.43488	32.24347	2
1606.44	1607.272	939.2715	83.66	87.07	83.29	74.1	44.82936	4.772611	50.39803	25.73527	24.66276	34.38481	2
1606.445	1607.276	939.2764	78.73	20.37	78.54	79.47	64.11136	0	35.88864	23.56181	12.32683	35.2724	2
1606.45	1607.281	939.2813	79.65	12.29	79.58	78.82	64.29032	0	35.70968	20.01576	15.69392	35.85457	2
1606.455	1607.286	939.2862	79.31	27.04	78.94	78.41	63.35862	0	36.64138	14.78732	21.85406	35.55336	2
1606.46	1607.291	939.2912	76.74	33.79	76.86	77.9	60.29202	0.196193	39.51179	20.22272	19.28906	35.25507	2
1606.465	1607.296	939.2961	74.26	24.81	74.9	76.33	60.71678	0	39.28322	19.36595	19.91727	35.17918	2
1606.47	1607.301	939.301	76.03	20.92	75.98	76.45	65.37726	0	34.62274	15.32172	19.30102	34.8998	2
1606.475	1607.306	939.3059	76.87	37.98	76.23	76.08	65.04844	0	34.95156	9.238559	25.713	34.83527	2
1606.48	1607.311	939.3108	74.18	28.67	73.56	73.45	69.62126	0	30.37874	23.6925	6.686243	34.31319	2
1606.485	1607.316	939.3157	73.48	16.53	73.43	74.02	68.78564	0	31.21436	9.483709	21.73065	34.29403	2
1606.49	1607.321	939.3206	72.38	17.32	72.29	71.18	69.91646	0	30.08354	13.7614	16.32214	34.42299	2
1606.495	1607.326	939.3255	70.84	35.7	70.23	70.36	70.9153	0	29.0847	22.24127	6.843426	34.06171	8
1606.5	1607.33	939.3304	79.9	104.05	77.84	75.57	57.2769	0.77009	41.95301	27.09704	14.85597	34.16152	8
1606.505	1607.335	939.3353	89.95	99.8	89.34	88.74	37.8219	7.215026	54.96307	22.00615	32.95692	32.37794	8
1606.51	1607.34	939.3402	93.83	113.99	94.26	97.16	22.75832	15.16931	62.07237	47.6032	14.46917	31.28107	8
1606.515	1607.345	939.3451	91.04	188.07	92.84	90.34	0	24.46053	75.53947	75.53947	0	-9999	8
1606.52	1607.35	939.35	81.69	133.58	79.22	72.89	51.66134	1.928525	46.41014	28.64065	17.76948	33.67526	8
1606.525	1607.355	939.3549	75.04	46.82	73.82	72.91	69.08776	0	30.91224	11.05075	19.86149	34.37567	2
1606.53	1607.36	939.3599	72.81	46.63	72.59	69.9	63.43534	0	36.56466	22.65795	13.90671	35.23069	2

1606.535	1607.365	939.3648	72.26	53.64	70.89	69.41	71.15742	0	28.84258	11.69137	17.15121	34.40861	2
1606.54	1607.37	939.3697	68.44	25.67	67.97	67.17	74.46556	0	25.53444	14.08189	11.45255	34.02741	2
1606.545	1607.375	939.3746	69.35	37.83	69.17	67.59	68.43814	0	31.56186	11.96143	19.60043	34.3834	2
1606.55	1607.379	939.3795	71.84	24.32	71.55	70.94	70.26926	0	29.73074	16.85078	12.87996	34.25858	2
1606.555	1607.384	939.3844	72.19	21.27	71.59	70.23	73.08786	0	26.91214	16.37256	10.53958	34.29585	2
1606.56	1607.389	939.3893	72.99	30.14	71.93	71.06	73.77032	0	26.22968	13.60409	12.62559	34.18802	2
1606.565	1607.394	939.3942	71.79	17.77	71.71	71.89	70.27286	0	29.72714	8.205471	21.52167	34.11219	2
1606.57	1607.399	939.3991	68.42	18.38	68.88	70.2	69.04064	0	30.95936	13.38508	17.57428	33.59609	2
1606.575	1607.404	939.404	70.54	21.16	70.45	71.08	70.67998	0	29.32002	13.90589	15.41413	33.90892	2
1606.58	1607.409	939.4089	69.76	27.95	70.17	71.22	65.8794	0	34.1206	9.076595	25.044	34.01532	2
1606.585	1607.414	939.4138	65.92	15.8	66.3	68.65	72.585	0	27.415	10.83964	16.57536	33.07081	2
1606.59	1607.419	939.4187	65.28	15.58	65.47	67.2	74.69954	0	25.30046	23.72649	1.573966	33.18627	2
1606.595	1607.424	939.4236	67.81	34.09	66.69	66.37	78.04502	0	21.95498	3.627456	18.32752	34.15105	8
1606.6	1607.429	939.4286	72.51	69.59	70.14	66.8	74.81752	0	25.18248	6.303822	18.87866	34.70375	8
1606.605	1607.433	939.4335	76.12	69.65	75.1	70.39	61.0193	0.135111	38.84559	10.75548	28.09011	35.6719	8
1606.61	1607.438	939.4384	82.17	111.75	81.37	73.89	43.5601	4.776973	51.66293	17.81594	33.84699	33.45919	8
1606.615	1607.443	939.4433	85.17	125.44	85.9	85.8	25.62962	11.50591	62.86447	41.27257	21.59191	31.53551	8
1606.62	1607.448	939.4482	91.82	117.98	92.15	93.45	24.41694	13.49777	62.08529	46.36315	15.72214	31.51451	8
1606.625	1607.453	939.4531	91.04	111.31	90.81	90.11	31.08868	10.08639	58.82493	30.63678	28.18815	31.99184	8
1606.63	1607.458	939.458	92.81	130.79	93.39	93.67	18.46862	16.26537	65.26601	35.60779	29.65822	31.78288	8
1606.635	1607.463	939.4629	90.06	275.72	88.77	73.92	0.41806	16.44893	83.13301	83.13301	0	-9999	8
1606.64	1607.468	939.4678	79.29	159.3	75.57	70.15	57.3326	0.97123	41.69617	27.65086	14.04531	33.57264	8
1606.645	1607.473	939.4727	74.67	71.76	74.62	74.27	54.32518	1.85061	43.82421	15.64355	28.18066	33.64596	8
1606.65	1607.478	939.4776	75.04	48.37	74.83	75.26	60.88516	0.0544	39.06044	9.264169	29.79627	35.07802	8
1606.655	1607.483	939.4825	73.12	71.33	73.07	70.68	55.85524	1.448213	42.69655	12.69621	30.00033	34.15878	8
1606.66	1607.487	939.4874	72.25	70.22	71.75	64.64	60.41176	0.421046	39.16719	20.18192	18.98528	35.73025	8
1606.665	1607.492	939.4923	73.97	61.58	73.85	71.57	57.97524	0.862041	41.16272	20.90234	20.26037	34.72821	8
1606.67	1607.497	939.4972	77.57	160.39	75.57	71.13	45.32122	4.501262	50.17752	21.81618	28.36134	31.75998	8
1606.675	1607.502	939.5022	74.92	153.63	71.01	68.37	64.19764	0.632969	35.16939	21.20351	13.96589	33.93625	8
1606.68	1607.507	939.5071	72.26	85.28	69.71	66.88	72.64554	0	27.35446	20.58512	6.769342	34.72884	8
1606.685	1607.512	939.512	74.44	74.74	72.02	70.29	72.18312	0	27.81688	16.85012	10.96676	34.23309	8
1606.69	1607.517	939.5169	70.6	45.48	69.45	68.31	72.95434	0	27.04566	6.547294	20.49837	34.29698	8
1606.695	1607.522	939.5218	73.02	50.19	72.31	71.39	66.17812	0	33.82188	23.66445	10.15743	34.62301	8
1606.7	1607.527	939.5267	73.17	64.35	71.48	70.05	70.2084	0	29.7916	10.27602	19.51558	34.40873	8
1606.705	1607.532	939.5316	80.42	54.4	80.59	80.12	51.5313	2.911259	45.55744	22.04735	23.51009	33.93123	8
1606.71	1607.537	939.5365	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1607.01	1607.831	939.8309	90.12	59.4	89.42	88.13	48.1398	4.198355	47.66185	18.65274	29.00911	34.02125	2
1607.015	1607.836	939.8358	84.13	68.41	82.77	85.35	56.58518	0.755772	42.65905	22.83075	19.82829	34.12811	2
1607.02	1607.841	939.8407	81.05	35	80.19	78.35	63.629	0	36.371	19.21944	17.15156	35.512	2
1607.025	1607.846	939.8456	80.59	33.1	79.92	78.98	63.0395	0	36.9605	20.29667	16.66383	35.5508	2
1607.03	1607.851	939.8506	82.27	44.52	81.67	82.52	58.18776	0.807326	41.00491	20.11034	20.89457	35.00744	2
1607.035	1607.855	939.8555	81.3	60.14	79.88	77.09	61.65512	0	38.34488	24.22418	14.1207	35.31153	2
1607.04	1607.86	939.8604	79.25	49.25	77.92	74.57	65.479	0	34.521	10.69044	23.83056	35.07273	2
1607.045	1607.865	939.8653	80.15	43.2	79.15	76.87	63.5576	0	36.4424	19.29309	17.14931	35.3732	2
1607.05	1607.87	939.8702	81.05	47.46	79.79	78.1	63.71368	0	36.28632	15.99923	20.28709	35.0521	2
1607.055	1607.875	939.8751	82.53	48.2	81.28	80.65	62.0955	0	37.9045	18.6665	19.238	35.11904	2
1607.06	1607.88	939.88	83.17	39.01	82.63	82.78	58.22818	0.873704	40.89812	20.33426	20.56386	35.28853	2
1607.065	1607.885	939.8849	83.31	55.96	82.27	80.27	57.87248	0.640342	41.48718	25.66047	15.82671	35.3494	2
1607.07	1607.89	939.8898	79.91	42.19	78.71	76.94	65.57282	0	34.42718	10.53509	23.89209	34.90167	2
1607.075	1607.895	939.8947	83.08	41.5	82.26	82.19	59.8784	0.222593	39.89901	9.676072	30.22293	35.59746	2
1607.08	1607.9	939.8996	84.48	42.57	84.12	84.2	54.76646	2.088233	43.14531	12.31505	30.83026	34.70661	2
1607.085	1607.905	939.9045	82.35	32.78	81.91	82.38	59.71524	0.477521	39.80724	18.45476	21.35248	35.56837	2
1607.09	1607.909	939.9094	83.14	38.64	82.24	81.28	61.13532	0	38.86468	23.66375	15.20093	35.8166	2
1607.095	1607.914	939.9143	82.31	32.52	82.47	82.49	55.16496	2.123474	42.71157	22.33368	20.37788	34.83927	2
1607.1	1607.919	939.9193	80.92	34.03	80.98	82.57	56.85334	1.429239	41.71742	14.07071	27.64671	34.74322	2
1607.105	1607.924	939.9242	79.75	43.61	79.46	80.68	58.32388	0.809356	40.86676	23.84559	17.02117	34.8338	2
1607.11	1607.929	939.9291	78.23	45.47	78.29	73.94	56.55966	1.30387	42.13647	13.52375	28.61272	35.44581	2
1607.115	1607.934	939.934	74.67	70.11	72.27	68.78	72.93698	0	27.06302	9.843566	17.21945	34.49936	2
1607.12	1607.939	939.9389	76.2	70.91	74.87	71.24	63.04328	0	36.95672	18.6062	18.35052	35.32	2
1607.125	1607.944	939.9438	76.49	66.52	74.71	72.69	67.32636	0	32.67364	18.24028	14.43336	34.48392	2
1607.13	1607.949	939.9487	76.65	51.58	75.18	71.65	68.39214	0	31.60786	15.91081	15.69705	34.80266	2
1607.135	1607.954	939.9536	78.62	68.34	76.95	73.69	64.07382	0	35.92618	6.451249	29.47493	34.946	2
1607.14	1607.959	939.9585	78.4	66.35	77.77	76.16	56.6978	1.192765	42.10944	17.5754	24.53404	34.56555	2
1607.145	1607.963	939.9634	78.28	77.55	77.45	74.47	55.6478	1.477139	42.87506	13.13369	29.74138	34.42429	2
1607.15	1607.968	939.9683	77.78	94.24	76.04	69.37	59.12132	0.584889	40.29379	15.60052	24.69327	35.30108	2
1607.155	1607.973	939.9732	75.82	89.31	72.84	68.37	71.72758	0	28.27242	15.21059	13.06183	34.47686	2
1607.16	1607.978	939.9781	73.03	84.2	70.33	66.86	73.361	0	26.639	12.95291	13.68609	34.72318	2
1607.165	1607.983	939.983	71.55	42.56	70.5	69.15	72.01198	0	27.98802	19.43833	8.549686	34.33512	2
1607.17	1607.988	939.9879	71.67	28.38	71.12	71.47	71.45814	0	28.54186	8.29203	20.24983	34.01421	2
1607.175	1607.993	939.9929	72.32	29.28	72.39	73.41	65.83734	0	34.16266	12.86116	21.3015	34.30729	2
1607.18	1607.998	939.9978	73.63	44.5	73.52	75.22	62.3439	0	37.6561	14.93946	22.71664	34.62378	2
1607.185	1608.003	940.0027	74.48	42.86	73.71	73.16	67.07378	0	32.92622	6.110897	26.81532	34.53337	2
1607.19	1608.008	940.0076	73.85	24.38	73.82	74.65	66.39054	0	33.60946	13.60188	20.00758	34.45787	2

1607.195	1608.012	940.0125	73.49	26.17	73.2	73.11	68.30356	0	31.69644	16.30927	15.38717	34.39833	2
1607.2	1608.017	940.0174	73.75	20.79	73.65	73.29	67.89382	0	32.10618	15.20893	16.89725	34.54011	2
1607.205	1608.022	940.0223	73.96	25.79	73.9	74.51	66.18062	0	33.81938	15.64918	18.1702	34.52034	2
1607.21	1608.027	940.0272	73.61	54.54	72.91	71.13	64.50512	0	35.49488	24.73073	10.76415	34.94467	2
1607.215	1608.032	940.0321	73.84	70.49	72.74	72.28	63.53362	0	36.46638	13.546	22.92038	34.74123	2
1607.22	1608.037	940.037	70.57	76.51	69.22	66.35	67.02268	0	32.97732	13.23112	19.7462	34.96706	2
1607.225	1608.042	940.0419	69.41	51.39	68.46	68.52	71.06892	0	28.93108	24.20861	4.72247	34.12183	2
1607.23	1608.047	940.0468	70.1	43.86	69.94	68.98	66.13388	0	33.86612	23.50918	10.35694	34.46621	2
1607.235	1608.052	940.0517	71.26	55.61	70.6	69.78	66.09818	0	33.90182	11.653	22.24882	34.55091	2
1607.24	1608.057	940.0566	72.15	71.07	71.44	70.29	61.92556	0.115224	37.95922	27.34735	10.61186	34.8705	2
1607.245	1608.062	940.0616	70.01	75.39	68.57	65.65	68.50642	0	31.49358	5.834956	25.65862	34.92359	2
1607.25	1608.066	940.0665	70.02	64.03	68.75	68.41	69.92884	0	30.07116	14.39032	15.68084	34.31976	2
1607.255	1608.071	940.0714	71.01	70.54	70.04	67.91	65.11762	0	34.88238	22.86576	12.01662	34.90553	2
1607.26	1608.076	940.0763	69.82	89.7	68.1	62.96	67.3882	0	32.6118	20.30406	12.30774	35.50132	2
1607.265	1608.081	940.0812	68.37	64.37	67.39	67.02	69.11706	0	30.88294	16.29306	14.58988	34.33381	2
1607.27	1608.086	940.0861	66.12	62.23	64.37	61.15	77.67244	0	22.32756	12.1017	10.22586	35.11625	2
1607.275	1608.091	940.091	66.46	74.94	65.41	62.37	68.85882	0	31.14118	16.6219	14.51928	34.93838	2
1607.28	1608.096	940.0959	66.39	41.74	66.18	66.83	70.44762	0	29.55238	22.16553	7.386851	33.75805	2
1607.285	1608.101	940.1008	66.38	28.93	66.08	66.39	74.25434	0	25.74566	9.401002	16.34466	33.72263	2
1607.29	1608.106	940.1057	67.29	19.86	67.35	68.55	72.82208	0	27.17792	15.13702	12.0409	33.47643	2
1607.295	1608.111	940.1106	67.44	29.54	67.47	67.86	70.57402	0	29.42598	22.67982	6.746165	33.73695	2
1607.3	1608.116	940.1155	67.44	50.23	66.33	64.11	74.40204	0	25.59796	21.19611	4.401846	34.54366	2
1607.305	1608.12	940.1204	65.55	42.43	64.65	60.98	76.40094	0	23.59906	16.42679	7.172272	34.74597	2
1607.31	1608.125	940.1253	66.22	38.67	65.29	63.06	76.92696	0	23.07304	10.46196	12.61108	34.46859	2
1607.315	1608.13	940.1303	67.16	35.71	66.55	64.26	74.29848	0	25.70152	16.65304	9.048483	34.34456	2
1607.32	1608.135	940.1352	67.63	42.52	67.35	68	69.66056	0	30.33944	18.389	11.95044	33.85637	2
1607.325	1608.14	940.1401	67.45	45.13	67.26	67.71	68.49704	0	31.50296	22.66084	8.842115	33.92344	2
1607.33	1608.145	940.145	67.3	42.93	67.46	66.78	66.45494	0	33.54506	16.52508	17.01998	34.13968	2
1607.335	1608.15	940.1499	67.3	37.01	66.84	64.71	72.69258	0	27.30742	7.051613	20.25581	34.29827	2
1607.34	1608.155	940.1548	67.99	47.61	67.04	65.65	73.29008	0	26.70992	7.002979	19.70694	34.33356	2
1607.345	1608.16	940.1597	66.73	86.54	65.04	64.04	70.76322	0	29.23678	19.06392	10.17286	34.78129	2
1607.35	1608.165	940.1646	63.43	70.39	61.94	60.8	76.15752	0	23.84248	20.45599	3.386485	34.8065	2
1607.355	1608.17	940.1695	64.33	100.04	62.55	59.04	70.40172	0	29.59828	14.97444	14.62384	35.54729	8
1607.36	1608.174	940.1744	68.14	190.44	63.89	60.4	64.16222	3.233069	32.60471	26.77488	5.829828	32.47087	8
1607.365	1608.179	940.1793	70.04	227.98	65.27	60.69	57.35954	4.973297	37.66716	16.03499	21.63217	30.79277	8
1607.37	1608.184	940.1842	68.92	123.33	67.02	61.9	61.47274	1.542248	36.98501	29.73577	7.249241	34.03843	8
1607.375	1608.189	940.1891	70.43	106.24	69.17	68.09	59.25932	1.402631	39.33805	10.46654	28.87151	33.45165	8
1607.38	1608.194	940.194	72.9	138.54	72.82	70.71	40.02532	5.881655	54.09303	27.83792	26.2551	31.15567	8
1607.385	1608.199	940.1989	65.21	120.74	62.92	60.77	68.53522	0.741137	30.72364	18.05471	12.66893	34.62904	8
1607.39	1608.204	940.2039	59.69	44.18	58.67	56.33	82.29864	0	17.70136	7.122796	10.57856	34.99101	1
1607.395	1608.209	940.2088	59.74	31.82	59.27	58.82	80.98126	0	19.01874	8.245729	10.77301	34.09519	1
1607.4	1608.214	940.2137	59.24	59.43	57.86	56.55	81.81214	0	18.18786	18.18786	0	35.17025	1
1607.405	1608.219	940.2186	56.82	54.11	54.89	52.26	89.58848	0	10.41152	10.41152	0	36.68794	1
1607.41	1608.223	940.2235	55.74	32.64	54.75	54.65	88.49282	0	11.50718	11.50718	0	35.19442	1
1607.415	1608.228	940.2284	56.6	35.64	55.94	55.53	84.41812	0	15.58188	6.369638	9.212242	34.57566	1
1607.42	1608.233	940.2333	58.58	39.12	58	57.76	81.13436	0	18.86564	18.86564	0	34.22226	1
1607.425	1608.238	940.2382	63.56	51.56	62.98	59.68	73.54228	0	26.45772	6.805053	19.65267	34.59251	1
1607.43	1608.243	940.2431	63.7	71.92	62.8	56.21	70.96636	0	29.03364	8.062052	20.97159	35.51282	1
1607.435	1608.248	940.248	61.05	61.06	59.54	54.22	80.75998	0	19.24002	7.029448	12.21057	35.83456	1
1607.44	1608.253	940.2529	59.33	56.32	57.65	53.59	84.80696	0	15.19304	11.23988	3.953163	36.07972	1
1607.445	1608.258	940.2578	59.89	71.08	58.18	55.88	80.95234	0	19.04766	13.89686	5.150802	35.58606	1
1607.45	1608.263	940.2627	56.71	40.2	55.87	54.56	84.6084	0	15.3916	4.599792	10.79181	34.93592	1
1607.455	1608.268	940.2676	57.49	34.48	56.88	56.29	83.49254	0	16.50746	15.44013	1.067326	34.4568	1
1607.46	1608.273	940.2726	60.51	38.24	59.98	59.96	79.18422	0	20.81578	6.127189	14.68859	34.00527	1
1607.465	1608.277	940.2775	63.15	53.28	61.89	61.19	78.77324	0	21.22676	14.40151	6.82525	34.56864	1
1607.47	1608.282	940.2824	61.79	55.25	60.98	55.74	76.0602	0	23.9398	14.60675	9.333054	35.14463	1
1607.475	1608.287	940.2873	60.65	56.23	58.94	56.41	83.84684	0	16.15316	16.15316	0	35.63903	1
1607.48	1608.292	940.2922	58.37	54.81	57.57	57.22	79.23558	0	20.76442	20.76442	0	34.43978	1
1607.485	1608.297	940.2971	57.67	35.57	57.12	55.65	82.59816	0	17.40184	5.587837	11.814	34.51371	1
1607.49	1608.302	940.302	58.85	39.58	58.37	57.82	79.99964	0	20.00036	6.120888	13.87947	34.14567	1
1607.495	1608.307	940.3069	58.89	33.32	58.44	58.2	81.24526	0	18.75474	16.08558	2.669159	34.08273	1
1607.5	1608.312	940.3118	57.93	42.35	57.49	55.08	79.8657	0	20.1343	18.21167	1.922633	34.49533	1
1607.505	1608.317	940.3167	77.98871	42.3474	76.94812	75.46354	66.06689	0	33.93311	22.39136	11.54175	34.83163	8
1607.51	1608.322	940.3216	88.92321	78.37498	86.92804	84.02995	54.68644	0.262255	45.05131	24.28705	20.76426	35.04988	8
1607.515	1608.327	940.3265	92.81961	71.44167	92.25948	94.0578	41.65809	6.839347	51.50256	19.47886	32.02371	32.65936	8
1607.52	1608.331	940.3314	98.84147	117.4478	97.91843	100.5211	27.79707	11.2159	60.98703	42.84751	18.13951	31.55728	8
1607.525	1608.336	940.3363	105.1052	154.8118	104.4366	114.2319	11.02018	20.03985	68.93996	60.24859	8.691369	30.46927	8
1607.53	1608.341	940.3413	106.4292	174.102	107.1614	111.274	0	35.72929	64.27071	64.27071	0	-9999	8
1607.535	1608.346	940.3462	104.6513	132.4419	104.451	101.1845	13.22225	22.07387	64.70388	43.18889	21.51499	32.55706	8
1607.54	1608.351	940.3511	92.63441	101.4316	93.03262	93.65205	27.14379	13.27064	59.58557	25.17725	34.40832	31.76269	8
1607.545	1608.356	940.356	88.28604	72.1522	88.01132	86.7534	43.44508	5.915686	50.63923	18.42882	32.21042	33.20563	8
1607.55	1608.361	940.3609	98.68693	74.66347	97.90833	97.05487	37.17358	9.124177	53.70224	29.15408	24.54816	32.90272	8
1607.555	1608.366	940.3658	104.3928	104.8386	103.2173	103.3699	27.698	11.94311	60.35889	32.44016	27.91873	32.22824	8

1607.56	1608.371	940.3707	108.9965	106.3099	108.9031	108.0928	14.72074	26.57119	58.70808	31.76863	26.93945	31.576	8
1607.565	1608.376	940.3756	100.822	144.8176	101.6429	101.0348	5.835737	26.5894	67.57486	59.4818	8.09306	-9999	8
1607.57	1608.381	940.3805	108.0142	217.5546	110.3407	106.7808	0	58.80587	41.19413	41.19413	0	-9999	8
1607.575	1608.385	940.3854	99.50224	216.6613	102.1223	92.7997	0	42.88753	57.11247	57.11247	0	-9999	8
1607.58	1608.39	940.3903	75.92817	139.6008	70.92008	68.29083	75.17537	0	24.82463	10.32593	14.4987	33.91261	8
1607.585	1608.395	940.3952	58.04	162.84	54.73	53.96	72.84842	2.663498	24.48808	24.48808	0	33.60677	8
1607.59	1608.4	940.4001	57.37	84.52	56.35	56.85	74.67076	0	25.32924	16.77837	8.550865	34.60749	8
1607.595	1608.405	940.405	54.51	68.67	54.28	48.92	75.01516	0	24.98484	12.48111	12.50373	35.01688	8
1607.6	1608.41	940.41	52.39	69.51	51.67	46.98	80.55978	0	19.44022	12.2725	7.167717	35.64394	8
1607.605	1608.415	940.4149	52.09	55.5	51.47	52.02	83.4512	0	16.5488	6.691347	9.857453	34.66262	8
1607.61	1608.42	940.4198	51.71	47.66	51.56	52.24	82.05558	0	17.94442	5.801133	12.14329	34.02978	8
1607.615	1608.425	940.4247	50.24	62.55	50.23	49.04	78.7196	0	21.2804	21.2804	0	34.23954	8
1607.62	1608.43	940.4296	50.94	99.44	48.76	42.92	85.96572	0	14.03428	14.03428	0	38.13158	8
1607.625	1608.434	940.4345	53.93	103.33	50.76	48.63	89.94604	0	10.05396	3.931755	6.122205	38.5574	8
1607.63	1608.439	940.4394	54.49	54.89	53.28	51.32	85.96332	0	14.03668	5.959125	8.077555	35.74397	8
1607.635	1608.444	940.4443	54.55	28.39	54.39	55.08	84.18362	0	15.81638	15.81638	0	33.9361	8
1607.64	1608.449	940.4492	55.95	33.97	56.11	56	79.06526	0	20.93474	11.95771	8.977029	33.52692	2
1607.645	1608.454	940.4541	53.18	51.38	53.12	51.43	79.10544	0	20.89456	13.83584	7.058721	34.20221	2
1607.65	1608.459	940.459	50.66	56.89	50.35	44.51	82.02792	0	17.97208	5.072096	12.89998	35.51613	2
1607.655	1608.464	940.4639	48.21	95.76	46.44	43.55	86.19038	0	13.80962	5.284638	8.524982	37.40615	2
1607.66	1608.469	940.4688	45.95	50.43	45.25	43.41	90.94694	0	9.05306	2.917143	6.135917	36.29972	2
1607.665	1608.474	940.4737	45.97	42.9	45.37	43.24	91.9758	0	8.0242	3.785863	4.238337	36.303	2
1607.67	1608.479	940.4786	45.21	27.68	45.09	44.7	92.63824	0	7.36176	7.36176	0	35.42573	2
1607.675	1608.484	940.4836	48.11	31.34	47.76	46.75	90.86702	0	9.13298	9.13298	0	35.4274	2
1607.68	1608.488	940.4885	49.45	37.21	49.18	47.43	87.59368	0	12.40632	5.740988	6.665332	35.07896	2
1607.685	1608.493	940.4934	50.42	39.76	50.02	48.03	87.09168	0	12.90832	6.273646	6.634674	35.18024	2
1607.69	1608.498	940.4983	50.02	60.57	49.8	46.29	81.02866	0	18.97134	9.598887	9.372453	34.99324	2
1607.695	1608.503	940.5032	51.6	75.23	50.55	47.51	82.45984	0	17.54016	17.54016	0	35.88344	2
1607.7	1608.508	940.5081	53.65	80.24	53.15	52.82	75.09892	0	24.90108	5.035774	19.86531	34.46064	2
1607.705	1608.513	940.513	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1608.005	1608.807	940.8074	102.99	50.05	102.13	101.34	39.8021	9.745537	50.45236	35.57812	14.87424	33.31636	2
1608.01	1608.812	940.8123	95.72	26.69	95.2	94.91	49.50862	5.59672	44.89466	28.58972	16.30494	34.5333	2
1608.015	1608.817	940.8172	93.84	31.63	93.06	92.06	52.05774	3.611902	44.33036	21.184	23.14636	35.02376	2
1608.02	1608.822	940.8221	92.49	20.42	92.18	92.14	52.37006	4.376981	43.25296	31.44807	11.80489	34.9176	2
1608.025	1608.827	940.827	91.89	26.06	91.66	90.96	50.93718	4.791053	44.27177	20.92441	23.34735	34.72119	2
1608.03	1608.832	940.832	90.22	43.68	90.35	91.39	45.41954	6.596802	47.98366	33.20552	14.77814	33.37337	2
1608.035	1608.837	940.8369	91.9	32.14	91.94	92.02	47.36412	6.427927	46.20795	20.87163	25.33632	33.96036	2
1608.04	1608.842	940.8418	91.04	50.22	90.73	87.08	46.49246	5.6193	47.88824	17.34946	30.53878	34.3498	2
1608.045	1608.847	940.8467	89.1	29.24	88.57	86.45	55.05942	2.406558	42.53402	20.13371	22.40031	35.56766	2
1608.05	1608.852	940.8516	92.82	45.67	92.67	91.79	44.71596	7.016827	48.26721	29.39746	18.86975	33.69679	2
1608.055	1608.856	940.8565	90.55	37.15	89.85	87.79	53.1287	2.874446	43.99685	13.61123	30.38562	35.19771	2
1608.06	1608.861	940.8614	89.35	39.78	88.51	87.23	54.68124	2.02592	43.29284	16.19825	27.09459	35.23893	2
1608.065	1608.866	940.8663	88.3	36.38	87.69	86.49	54.68754	2.262773	43.04969	29.98983	13.05985	35.20588	2
1608.07	1608.871	940.8712	88.79	75.51	88.63	88.98	41.27978	6.814504	51.90572	32.12522	19.7805	32.67624	2
1608.075	1608.876	940.8761	89.95	54.83	89.89	88.11	44.44214	6.408776	49.14908	16.10263	33.04645	33.65945	2
1608.08	1608.881	940.881	87.36	45.08	87.06	86.47	51.04444	3.588806	45.36675	24.32915	21.03761	34.33569	2
1608.085	1608.886	940.8859	83.69	74.8	81.69	80.47	60.4036	0	39.5964	18.37944	21.21696	34.45177	2
1608.09	1608.891	940.8908	85.82	46.45	85.04	84.5	55.8497	1.481567	42.66873	22.50042	20.16831	35.01667	2
1608.095	1608.896	940.8957	86.93	39.3	86.91	86.55	50.6688	4.001256	45.32994	14.82683	30.50311	34.29135	2
1608.1	1608.901	940.9007	84.75	38.66	84.23	84.14	56.70428	1.424972	41.87075	28.75391	13.11683	35.13957	2
1608.105	1608.906	940.9056	85.8	27.86	85.23	84.28	58.73938	0.900384	40.36024	18.5699	21.79033	35.8998	2
1608.11	1608.91	940.9105	86.25	44.69	85.14	83.55	58.43752	0.42247	41.14001	20.84645	20.29356	35.74585	2
1608.115	1608.915	940.9154	87.97	46.52	87.42	87.61	52.07226	3.03704	44.8907	20.518	24.3727	34.36405	2
1608.12	1608.92	940.9203	86.85	48.3	87.14	88.61	46.1619	5.673062	48.16504	20.85054	27.31449	33.23375	2
1608.125	1608.925	940.9252	86.46	39.64	85.4	84.73	59.07892	0.302593	40.61849	23.67841	16.94007	35.7889	2
1608.13	1608.93	940.9301	86.25	22.47	85.81	84.85	58.62226	1.130492	40.24725	17.06059	23.18666	35.97762	2
1608.135	1608.935	940.935	86.54	19.08	86.43	86.5	56.61834	2.144104	41.23756	22.03487	19.20268	35.45891	2
1608.14	1608.94	940.9399	86.16	19.35	86.1	85.73	56.5151	2.165426	41.31947	25.44386	15.87562	35.50113	2
1608.145	1608.945	940.9448	87.4	27.63	87.59	86.85	51.43304	4.200972	44.36599	20.16431	24.20167	34.63975	2
1608.15	1608.95	940.9497	84.77	24.33	84.43	82.84	58.75874	1.024927	40.21633	10.36847	29.84786	36.01818	2
1608.155	1608.955	940.9546	86.82	47.81	86.8	85.35	48.71058	4.524405	46.76501	23.42408	23.34094	34.10108	2
1608.16	1608.96	940.9595	88.63	62.04	89	90.04	40.57922	7.883537	51.53724	26.94031	24.59694	32.62632	2
1608.165	1608.964	940.9644	87.42	79.05	86.84	87.04	44.9385	4.912691	50.14881	35.21647	14.93234	32.96335	2
1608.17	1608.969	940.9693	84.83	49.63	84.17	83.14	55.06094	1.759063	43.18	21.72322	21.45678	34.86411	2
1608.175	1608.974	940.9743	83.93	26.79	83.82	83.43	57.15372	1.58103	41.26525	24.19805	17.0672	35.41502	2
1608.18	1608.979	940.9792	82.81	32.72	82.74	82.61	56.43906	1.672843	41.8881	17.79316	24.09494	35.09276	2
1608.185	1608.984	940.9841	84.11	41.08	83.53	83.02	57.17244	1.194023	41.63354	21.14892	20.48462	35.22789	2
1608.19	1608.989	940.989	82.09	50.42	81.63	76.09	55.84056	1.532901	42.62654	30.51406	12.11248	35.65684	2
1608.195	1608.994	940.9939	80.09	49.54	78.35	76.74	67.81352	0	32.18648	20.2118	11.97468	34.23886	2
1608.2	1608.999	940.9988	81.24	41.19	80.18	77.59	63.50622	0	36.49378	20.52932	15.96446	35.45298	2
1608.205	1609.004	941.0037	79.74	27.54	79.08	77.86	65.08952	0	34.91048	12.74892	22.16156	35.30153	2
1608.21	1609.009	941.0086	81.87	15.96	81.7	81.07	62.13478	0	37.86522	12.38141	25.48381	36.40595	2
1608.215	1609.014	941.0135	86.22	21.48	85.73	84.41	59.27694	0.885173	39.83789	10.05254	29.78535	36.18725	2

1608.22	1609.018	941.0184	92.3	41.88	92.14	90.92	46.18904	6.408719	47.40224	16.05857	31.34367	33.96995	2
1608.225	1609.023	941.0233	97.23	38.4	96.57	95.07	46.3706	6.50594	47.12346	18.30344	28.82001	34.24487	2
1608.23	1609.028	941.0282	94.72	35.57	94.07	92.86	49.28716	4.960365	45.75248	20.8545	24.89797	34.58541	2
1608.235	1609.033	941.0331	94.14	31.78	93.3	90.94	52.21044	3.472433	44.31713	32.48314	11.83398	35.31652	2
1608.24	1609.038	941.038	93.28	48.72	91.97	89.54	52.54466	2.054974	45.40037	25.56754	19.83283	35.22775	2
1608.245	1609.043	941.043	92.98	33.82	92.2	91.98	52.31896	3.360859	44.32018	17.4431	26.87708	34.8669	2
1608.25	1609.048	941.0479	94.83	46.49	94	92.79	47.93832	4.843218	47.21846	26.35519	20.86327	34.31276	2
1608.255	1609.053	941.0528	90.84	28.24	90.39	89.34	53.08062	3.441955	43.47742	27.27243	16.20499	35.09956	2
1608.26	1609.058	941.0577	90.08	35.45	89.26	86.43	54.9025	2.086128	43.01137	15.69081	27.32056	35.65344	2
1608.265	1609.063	941.0626	90.75	35.43	90.1	87.73	52.97344	3.0498	43.97676	25.66844	18.30832	35.25256	2
1608.27	1609.067	941.0675	89.02	32.02	88.5	87.17	54.38276	2.598866	43.01837	21.57671	21.44166	35.26097	2
1608.275	1609.072	941.0724	88.75	32.71	88.73	85.49	50.58918	4.447054	44.96377	15.44309	29.52068	34.95635	2
1608.28	1609.077	941.0773	90.87	46.3	90.41	87.04	48.76	4.633135	46.60686	22.82351	23.78335	34.64936	2
1608.285	1609.082	941.0822	90.54	42.44	89.83	88.52	51.93522	3.186361	44.87842	27.15092	17.7275	34.79759	2
1608.29	1609.087	941.0871	90.71	40.18	89.9	88	53.10074	2.692699	44.20656	17.32526	26.8813	35.14047	2
1608.295	1609.092	941.092	93.46	52.23	92.76	92.14	46.80214	5.202739	47.99512	17.14168	30.85344	33.92494	2
1608.3	1609.097	941.0969	92.71	56.31	91.73	89.04	48.67478	3.851664	47.47356	31.87636	15.59719	34.52292	2
1608.305	1609.102	941.1018	84.94	36.29	84.23	83.26	58.57552	0.738951	40.68553	26.92163	13.7639	35.69674	2
1608.31	1609.107	941.1067	82.17	37.87	81	81.14	64.30656	0	35.69344	13.55386	22.13958	34.81951	8
1608.315	1609.112	941.1117	82.99	30.01	82.22	80.65	62.35428	0	37.64572	14.23313	23.41259	35.94855	8
1608.32	1609.117	941.1166	83.29	56.1	82.31	80.26	57.392	0.813451	41.79455	15.57316	26.22139	35.25761	8
1608.325	1609.121	941.1215	82.75	35.88	82.26	80.81	58.98454	0.672862	40.3426	20.40332	19.93928	35.74293	8
1608.33	1609.126	941.1264	78.27	28.54	77.63	76.8	66.04492	0	33.95508	5.928722	28.02636	34.99739	8
1608.335	1609.131	941.1313	83.6	52.99	82.12	80.24	61.73442	0	38.26558	19.36371	18.90187	35.13015	8
1608.34	1609.136	941.1362	92.32	126.83	88.78	83.19	51.80774	0	48.19226	27.41041	20.78185	31.86776	8
1608.345	1609.141	941.1411	99.75	103.2	100.12	103.41	20.3881	19.35984	60.25206	41.48996	18.7621	31.16963	8
1608.35	1609.146	941.146	100.07	89.58	99.15	98.1	33.38724	10.06983	56.54293	36.95767	19.58526	32.63234	8
1608.355	1609.151	941.1509	104.79	66.39	105.15	108.87	24.73682	22.63181	52.63137	32.86675	19.76462	30.80761	8
1608.36	1609.156	941.1558	86.38	37.29	86.02	84.14	54.29622	2.450848	43.25293	21.17156	22.08137	35.1505	2
1608.365	1609.161	941.1607	82.27	35.59	81.74	81.69	59.80632	0.395586	39.79809	28.20138	11.59672	35.61905	2
1608.37	1609.166	941.1656	81.57	22.79	81.05	79.53	63.47042	0	36.52958	15.36368	21.1659	35.92393	2
1608.375	1609.171	941.1705	85.96	18.72	85.49	84.5	60.02906	0.66876	39.30218	14.34371	24.95847	36.3043	2
1608.38	1609.175	941.1754	89.68	27.39	88.93	87.65	56.67852	1.66342	41.65806	12.86694	28.79112	35.77142	2
1608.385	1609.18	941.1803	86.85	29.52	86.14	84.94	58.45666	0.912227	40.63111	15.57339	25.05772	35.92368	2
1608.39	1609.185	941.1853	88.9	38.02	88.32	86.89	53.50616	2.725117	43.76872	13.46472	30.30401	35.04924	2
1608.395	1609.19	941.1902	85.5	28.58	84.84	84.71	59.53864	0.556527	39.90483	27.88736	12.01747	35.87848	2
1608.4	1609.195	941.1951	86.03	24	85.19	84.65	61.5544	0	38.4456	24.80754	13.63806	36.24953	2
1608.405	1609.2	941.2	87.28	39.44	86.2	85.83	58.52792	0.45622	41.01586	28.48057	12.53529	35.67814	2
1608.41	1609.205	941.2049	86.62	39.86	85.32	84.33	60.73848	0	39.26152	22.61796	16.64356	35.60408	2
1608.415	1609.21	941.2098	90.07	86.6	87.94	85.43	52.6859	0.488554	46.82555	20.40124	26.4243	34.63311	2
1608.42	1609.215	941.2147	93.27	130.94	90	85.17	47.84662	0	52.15338	24.51103	27.64235	32.94597	2
1608.425	1609.22	941.2196	87.27	51.47	86.37	84.98	54.23086	1.882843	43.8863	24.89533	18.99096	34.90793	2
1608.43	1609.225	941.2245	85.69	51.08	84.69	84.26	56.55384	1.052091	42.39407	30.7165	11.67757	35.04413	2
1608.435	1609.229	941.2294	85.5	24.39	85.14	85	58.22762	1.23858	40.5338	12.05813	28.47567	35.68085	2
1608.44	1609.234	941.2343	86.37	26.02	85.55	85.14	60.59776	0.147049	39.25519	25.46464	13.79055	36.23706	2
1608.445	1609.239	941.2392	85.15	26.05	84.75	84.67	58.4579	1.09168	40.45042	12.86582	27.5846	35.67242	2
1608.45	1609.244	941.2441	85.21	54.2	85.11	83.32	49.2654	3.97727	46.75733	18.95375	27.80358	34.08055	2
1608.455	1609.249	941.249	82.85	33.86	82.12	79.37	61.24138	0	38.75862	17.71943	21.03919	36.32127	2
1608.46	1609.254	941.254	82.91	41.77	82.37	82.75	57.79946	0.979402	41.22114	15.9558	25.26533	35.09509	2
1608.465	1609.259	941.2589	81.79	34.5	81.08	81.45	61.9067	0	38.0933	12.07609	26.01721	35.53693	2
1608.47	1609.264	941.2638	80.5	15.35	80.16	81.14	64.8603	0	35.1397	7.944903	27.1948	35.35019	2
1608.475	1609.269	941.2687	82.02	16.97	82.06	82.73	60.12486	0.625362	39.24978	20.32013	18.92965	35.84883	2
1608.48	1609.274	941.2736	83.79	34.8	82.99	81.67	60.6916	0.024432	39.28397	26.90619	12.37778	36.13314	2
1608.485	1609.278	941.2785	87.43	72.19	85.06	80.86	60.46192	0	39.53808	19.3363	20.20178	34.13163	2
1608.49	1609.283	941.2834	91.67	127.59	89.71	84.49	39.97682	4.16487	55.85831	21.69262	34.16569	33.22517	10
1608.495	1609.288	941.2883	100.19	162.09	102.06	108.69	0	34.70106	65.29894	65.29894	0	-9999	10
1608.5	1609.293	941.2932	105.11	121.86	106.76	110.88	1.02118	38.73042	60.2484	60.2484	0	-9999	10
1608.505	1609.298	941.2981	109.49	68.83	109.48	109.89	22.68984	25.63737	51.67279	20.17802	31.49477	31.06588	10
1608.51	1609.303	941.303	111.29	53.52	111.72	113.12	21.32886	32.66098	46.01016	33.33457	12.67559	30.13316	10
1608.515	1609.308	941.3079	111.04	55.75	111.33	112.18	22.1042	30.66487	47.23093	33.96865	13.26227	30.43579	10
1608.52	1609.313	941.3128	110.22	84.95	109.47	108	23.8522	19.55775	56.59005	30.15305	26.437	31.97288	10
1608.525	1609.318	941.3177	111.87	82.44	112.15	114.44	14.95912	33.82026	51.22062	29.19811	22.02251	30.1446	10
1608.53	1609.323	941.3227	111.41	84.54	111.55	111.47	15.95912	31.43259	52.60829	32.41051	20.19778	30.78686	10
1608.535	1609.328	941.3276	110.68	118.38	110.29	114.94	12.54894	26.38768	61.06338	40.82787	20.23551	30.71678	10
1608.54	1609.332	941.3325	112.58	102.14	112.35	111.39	13.49102	29.93519	56.57379	46.99233	9.581466	31.25035	10
1608.545	1609.337	941.3374	113.53	115.72	113.86	114.71	4.99066	39.88454	55.1248	48.88165	6.243146	-9999	10
1608.55	1609.342	941.3423	113.63	130.08	113.8	116	2.66354	38.87295	58.46351	58.46351	0	-9999	10
1608.555	1609.347	941.3472	115.2	127.42	115.39	115.06	1.70786	42.09813	56.19401	56.19401	0	-9999	10
1608.56	1609.352	941.3521	116.05	126.87	116.84	118.29	0	53.2084	46.7916	46.7916	0	-9999	10
1608.565	1609.357	941.357	112.33	131.57	112.17	112	6.05646	32.41088	61.53266	58.67141	2.861251	-9999	10
1608.57	1609.362	941.3619	110.74	127.38	110.78	113.24	6.98324	32.04245	60.97431	58.69729	2.277019	-9999	10
1608.575	1609.367	941.3668	106.42	118.14	105.98	109.08	16.91372	20.84748	62.2388	34.37663	27.86217	31.23115	10
1608.58	1609.372	941.3717	110.42	139.47	110.85	114.32	1.32936	36.88555	61.78509	61.78509	0	-9999	10

1608.585	1609.377	941.3766	113.13	145.9	113.64	119.53	0	43.5425	56.4575	56.4575	0	-9999	10
1608.59	1609.382	941.3815	111.29	112.85	111.19	116.41	11.0785	30.26375	58.65775	37.03906	21.61869	30.33759	10
1608.595	1609.386	941.3864	112.2	75.27	112.01	112.65	20.03316	28.03351	51.93333	39.01777	12.91556	30.7717	10
1608.6	1609.391	941.3914	108.8	198.38	109.22	103.47	0	37.99403	62.00597	62.00597	0	-9999	10
1608.605	1609.396	941.3963	84.49	259.41	77.45	75.23	54.05198	0	45.94802	18.03313	27.91489	30.12473	9
1608.61	1609.401	941.4012	74	18.2	73.59	72.16	70.6931	0	29.3069	20.27479	9.032107	34.51763	9
1608.615	1609.406	941.4061	74.03	20.58	73.93	73.31	67.68704	0	32.31296	14.55427	17.75869	34.62199	9
1608.62	1609.411	941.411	75.19	32.51	74.9	74.33	65.20528	0	34.79472	21.69091	13.10381	34.87428	9
1608.625	1609.416	941.4159	72.46	16.59	72.2	71.66	71.33702	0	28.66298	23.02178	5.6412	34.22403	9
1608.63	1609.421	941.4208	71.66	14.02	71.39	71.57	72.77246	0	27.22754	5.205684	22.02186	33.9768	9
1608.635	1609.426	941.4257	72.41	16.31	72.23	71.86	70.83078	0	29.16922	8.80329	20.36593	34.21763	9
1608.64	1609.431	941.4306	74.04	11.52	73.94	73.85	69.87036	0	30.12964	24.47545	5.65419	34.39135	9
1608.645	1609.436	941.4355	78.85	76.58	75.8	74.39	72.56314	0	27.43686	11.95628	15.48058	33.2516	9
1608.65	1609.44	941.4404	78.99	73.91	76.31	74.14	70.21298	0	29.78702	12.84562	16.9414	33.65898	9
1608.655	1609.445	941.4453	80.92	89.59	78.57	74.43	62.08532	0	37.91468	20.38782	17.52686	34.63703	9
1608.66	1609.45	941.4502	81.1	97.32	78.51	75.04	61.90906	0	38.09094	7.260779	30.83016	34.30629	9
1608.665	1609.455	941.4551	78	90.47	74.79	72	71.22376	0	28.77624	8.49096	20.28528	33.67232	9
1608.67	1609.46	941.46	75.58	38.55	74.49	73.46	69.5848	0	30.4152	14.31575	16.09945	34.394	9
1608.675	1609.465	941.465	77.01	60.81	75.26	72.04	67.99728	0	32.00272	13.29884	18.70388	34.63117	9
1608.68	1609.47	941.4699	76.84	70.73	74.39	71.65	71.17804	0	28.82196	9.159683	19.66228	34.12475	9
1608.685	1609.475	941.4748	83.04	135.76	79.83	75.21	55.62678	0.266126	44.10709	11.59377	32.51332	34.01595	9
1608.69	1609.48	941.4797	81.4	126.26	78.81	74.2	54.62958	1.137091	44.23333	29.18376	15.04957	33.86661	9
1608.695	1609.485	941.4846	81.57	107.89	79.72	75.65	53.18372	1.697643	45.11864	19.20321	25.91542	33.9139	9
1608.7	1609.489	941.4895	78.72	69.07	78.35	75.65	53.73016	2.048492	44.22135	12.51798	31.70337	34.26831	9
1608.705	1609.494	941.4944	76.37	35.85	76	76	63.9314	0	36.0686	25.07316	10.99544	34.98025	9
1608.71	1609.499	941.4993	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1609.01	1609.794	941.7941	92.58	47.59	91.56	90.76	51.21462	3.032047	45.75333	30.03475	15.71859	34.64539	-9999
1609.015	1609.799	941.7992	92.08	48.06	91.19	90.85	50.55338	3.438915	46.00771	15.64014	30.36756	34.41474	-9999
1609.02	1609.804	941.8043	97.75	51.78	97.3	96.12	41.02674	8.966274	50.00699	35.7904	14.21659	33.38184	-9999
1609.025	1609.809	941.8094	97.93	29	97.74	97	44.3589	9.122088	46.51901	31.24867	15.27034	33.79053	-9999
1609.03	1609.815	941.8146	97.03	52.67	96.04	94.15	45.65876	5.491118	48.85012	27.69844	21.15169	34.16276	-9999
1609.035	1609.82	941.8197	98.3	46.57	97.94	98.53	41.08406	9.542042	49.3739	23.32674	26.04716	33.07579	-9999
1609.04	1609.825	941.8248	98.67	43.45	98.37	99.88	41.0337	9.97647	48.98983	19.65079	29.33904	32.90329	-9999
1609.045	1609.83	941.8299	96.63	59.89	96.7	98.59	36.06452	11.74486	52.19062	24.72519	27.46544	32.20917	-9999
1609.05	1609.835	941.835	94.84	56.62	95.41	96.18	34.62766	12.85387	52.51847	31.81521	20.70326	32.28666	-9999
1609.055	1609.84	941.8401	92.15	95.13	91.39	85.82	38.09054	7.218796	54.69066	29.84073	24.84993	33.45213	8
1609.06	1609.845	941.8452	90.75	65.78	89.02	86.63	53.99874	0.732664	45.2686	19.30517	25.96343	35.12742	8
1609.065	1609.85	941.8503	88.26	44.87	87.51	87.53	53.75476	2.307722	43.93752	23.31684	20.62068	34.70336	8
1609.07	1609.855	941.8554	90.64	58.73	89.69	87.76	49.76104	3.345389	46.89357	19.63301	27.26056	34.39844	8
1609.075	1609.861	941.8605	93.92	53.3	93.43	90.54	44.4925	6.524734	48.98277	31.19482	17.78795	34.02289	8
1609.08	1609.866	941.8656	88.33	30.46	87.89	87.98	54.77508	2.504289	42.72063	28.03843	14.6822	35.04682	8
1609.085	1609.871	941.8707	94.01	89	92.97	87.98	40.0328	6.310892	53.65631	33.04993	20.60637	33.67371	8
1609.09	1609.876	941.8758	94.45	100.05	93.11	94.66	39.2789	5.782473	54.93863	28.74051	26.19812	32.35267	8
1609.095	1609.881	941.8809	93.63	242.95	88.25	82.06	36.7615	0	63.2385	24.39595	38.84255	29.71537	8
1609.1	1609.886	941.886	86.58	106.47	85.01	82.32	46.74816	3.184449	50.06739	17.84624	32.22115	33.26206	8
1609.105	1609.891	941.8911	82.32	108.89	81	72.72	48.14422	3.235397	48.62038	27.28657	21.33381	34.08821	8
1609.11	1609.896	941.8962	82.44	59.31	81.26	77.55	58.94718	0.284486	40.76833	22.65387	18.11446	35.7286	8
1609.115	1609.901	941.9014	84.17	55.03	82.8	80.96	59.86384	0	40.13616	12.29582	27.84034	35.52414	8
1609.12	1609.906	941.9065	88.54	66.62	87.32	86.46	51.87616	2.159955	45.96388	32.18912	13.77477	34.30563	8
1609.125	1609.912	941.9116	90.07	77.83	89.27	84.92	44.50074	5.022566	50.47669	17.86838	32.60832	33.90614	8
1609.13	1609.917	941.9167	91.1	117.21	89.88	84.41	37.27818	6.348094	56.37373	37.3474	19.02633	33.11116	8
1609.135	1609.922	941.9218	91.13	117.28	90.02	82.52	36.38114	6.816184	56.80268	29.4431	27.35957	33.42751	8
1609.14	1609.927	941.9269	89.74	162.02	86.39	78.85	44.19286	1.19684	54.6103	32.31709	22.29321	33.43434	8
1609.145	1609.932	941.932	86.1	106.09	82.58	79.96	62.39422	0	37.60578	20.48302	17.12276	31.92846	8
1609.15	1609.937	941.9371	83.13	45.19	82.76	82.63	55.45192	1.765384	42.7827	21.43145	21.35125	34.72979	2
1609.155	1609.942	941.9422	80.22	47.04	78.57	75.43	67.60142	0	32.39858	14.36776	18.03082	34.60013	2
1609.16	1609.947	941.9473	77.84	28.41	76.87	76.86	69.02948	0	30.97052	24.06111	6.909411	34.37509	2
1609.165	1609.952	941.9524	77.67	23.53	76.54	76.17	71.60684	0	28.39316	16.90516	11.488	34.20755	2
1609.17	1609.958	941.9575	80.58	90.01	77.1	74.04	71.05398	0	28.94602	5.944837	23.00118	32.96631	2
1609.175	1609.963	941.9626	78.93	65.81	76.88	74.35	67.34588	0	32.65412	23.12331	9.530808	34.27109	2
1609.18	1609.968	941.9677	75.22	13.63	75.09	74.61	68.50664	0	31.49336	10.05494	21.43842	34.67235	2
1609.185	1609.973	941.9728	72.08	37.21	73.23	73.39	55.76908	0.990983	43.23994	30.08702	13.15291	34.35301	2
1609.19	1609.978	941.9779	73.22	32.61	72.47	71.45	70.55848	0	29.44152	19.79613	9.645392	34.3432	2
1609.195	1609.983	941.983	75.67	18.52	75.13	74.98	70.08676	0	29.91324	21.60655	8.306695	34.40465	2
1609.2	1609.988	941.9882	79.86	14.4	79.39	78.68	66.6865	0	33.3135	12.25083	21.06267	35.26578	2
1609.205	1609.993	941.9933	85.71	48.55	84.53	82.78	58.5427	0.318611	41.13869	15.78918	25.3495	35.69307	2
1609.21	1609.998	941.9984	86.45	39.29	85.13	84.39	61.18782	0	38.81218	11.29165	27.52053	35.44205	2
1609.215	1610.003	942.0035	85.46	36.99	83.98	82.38	63.89522	0	36.10478	12.70247	23.40231	34.94398	2
1609.22	1610.009	942.0086	84.42	23.56	83.37	83.26	64.76958	0	35.23042	22.30027	12.93015	35.21218	2
1609.225	1610.014	942.0137	84.45	27.65	83.52	82.06	62.8222	0	37.1778	21.12879	16.04901	35.8475	2
1609.23	1610.019	942.0188	86.7	38.39	85.59	83.43	59.54812	0.120232	40.33165	14.26742	26.06423	36.18343	2
1609.235	1610.024	942.0239	87.51	27.9	87.28	87.75	54.5215	2.745498	42.733	23.12979	19.60321	34.92291	2
1609.24	1610.029	942.029	87.6	27.47	87.52	88.1	53.38026	3.301885	43.31785	31.03826	12.27959	34.71389	2

1609.245	1610.034	942.0341	89.1	49.77	89.45	89.79	43.27116	7.252985	49.47585	20.32329	29.15256	33.15059	2
1609.25	1610.039	942.0392	87.75	70.51	87.59	86.73	43.44658	5.984604	50.56882	26.72001	23.84881	33.11435	8
1609.255	1610.044	942.0443	83.36	46.31	82.52	81.41	58.61178	0.566821	40.8214	29.33775	11.48365	35.46613	8
1609.26	1610.049	942.0494	84.3	44.33	83.59	82.14	57.21864	1.083577	41.69778	13.4311	28.26669	35.36104	8
1609.265	1610.055	942.0545	88.91	96.01	86.98	87.33	49.92588	1.681793	48.39233	13.9848	34.40753	33.44753	8
1609.27	1610.06	942.0596	93.4	166.98	92.7	85.5	19.08784	12.91938	67.99278	50.41842	17.57436	32.91432	8
1609.275	1610.065	942.0647	91.34	132.75	89.41	83.06	38.7992	4.575294	56.62551	32.47509	24.15041	33.24808	8
1609.28	1610.07	942.0699	88.25	115.33	85.57	81.61	51.67014	0.351684	47.97818	19.05647	28.9217	34.17795	8
1609.285	1610.075	942.075	87.67	84.91	85.78	81.74	53.44288	0.8738	45.68332	13.58129	32.10203	34.83636	8
1609.29	1610.08	942.0801	89.59	80.51	89.71	90.78	37.16378	8.680888	54.15533	31.08385	23.07148	32.18097	8
1609.295	1610.085	942.0852	90.44	68.15	90.83	93.64	37.2804	9.489904	53.2297	35.26448	17.96522	32.00381	8
1609.3	1610.09	942.0903	85.24	55.15	83.91	81.98	58.5404	0.188225	41.27137	24.87914	16.39224	35.5917	8
1609.305	1610.095	942.0954	79.59	39.98	77.77	75.78	71.20704	0	28.79296	12.71232	16.08064	34.06399	8
1609.31	1610.1	942.1005	80.16	50.09	78.52	76.31	66.84102	0	33.15898	16.6198	16.53918	34.49107	8
1609.315	1610.106	942.1056	81.53	64.87	79.95	75.56	61.53886	0	38.46114	9.054602	29.40654	35.43672	8
1609.32	1610.111	942.1107	80.12	52.1	78.7	76.16	64.6864	0	35.3136	7.889806	27.42379	34.9167	8
1609.325	1610.116	942.1158	76.51	39.66	76.03	75.57	63.73308	0	36.26692	23.0969	13.17002	35.03796	8
1609.33	1610.121	942.1209	76.04	41.49	74.99	72.7	68.14012	0	31.85988	12.69999	19.15989	34.73395	8
1609.335	1610.126	942.126	82.14	67.03	81.79	79.04	50.92244	2.970067	46.10749	26.20557	19.90193	34.11573	8
1609.34	1610.131	942.1311	90.1	116.2	90.57	93.49	25.3451	12.85542	61.79948	43.96171	17.83776	31.16876	8
1609.345	1610.136	942.1362	99.32	137.37	100.78	106.44	4.06706	28.74648	67.18646	65.3913	1.795157	-9999	8
1609.35	1610.141	942.1413	104.82	118.84	106.34	109	3.02632	36.75242	60.22126	60.22126	0	-9999	8
1609.355	1610.146	942.1464	112.75	100.8	113.9	114.63	2.9639	48.31098	48.72512	48.72512	0	-9999	8
1609.36	1610.152	942.1515	114.79	135.57	116.14	116.5	0	59.01242	40.98758	40.98758	0	-9999	8
1609.365	1610.157	942.1567	108.65	401.82	114.96	96.16	0	100	0	0	0	-9999	8
1609.37	1610.162	942.1618	106.28	351.52	102.31	88.29	0	6.935405	93.0646	93.0646	0	-9999	8
1609.375	1610.167	942.1669	95.31	106.25	92.07	89.54	51.7123	0	48.2877	21.94943	26.33827	31.2394	8
1609.38	1610.172	942.172	93.17	67.66	91.62	87.59	49.92238	2.21454	47.86308	22.79141	25.07167	34.90565	8
1609.385	1610.177	942.1771	90.72	52.77	89.19	86.53	55.62476	0.637659	43.73758	17.04071	26.69687	35.61217	8
1609.39	1610.182	942.1822	94.55	62.9	94.57	95.23	37.6372	10.13709	52.22571	22.85016	29.37555	32.54387	2
1609.395	1610.187	942.1873	98.46	47.49	98.19	98.26	40.01672	10.27858	49.7047	25.58474	24.11996	33.0271	2
1609.4	1610.192	942.1924	99.84	45.12	99.42	99	40.48316	10.19902	49.31782	27.70556	21.61226	33.20896	2
1609.405	1610.198	942.1975	99.66	50.7	98.99	97.97	41.2359	8.810562	49.95354	20.30097	29.65256	33.44276	2
1609.41	1610.203	942.2026	98.31	39.51	97.55	96.26	45.88338	6.63772	47.4789	24.6352	22.8437	34.1597	2
1609.415	1610.208	942.2077	97.32	37.09	97.12	95.85	43.03982	9.153625	47.80655	31.24584	16.56072	33.67051	2
1609.42	1610.213	942.2128	99.15	31.73	98.87	98.63	43.27334	9.679478	47.04718	17.00236	30.04482	33.54812	2
1609.425	1610.218	942.2179	101.93	50.38	101.84	104.06	34.72994	14.66772	50.60234	23.87379	26.72855	31.99876	2
1609.43	1610.223	942.223	97.39	42.07	97.41	97.67	40.06526	10.85056	49.08418	26.9814	22.10278	32.97602	2
1609.435	1610.228	942.2281	96.85	45.25	96.46	97.26	42.97	8.274648	48.75535	26.65245	22.1029	33.25947	2
1609.44	1610.233	942.2332	99.39	81.59	97.7	95.16	41.91392	4.361878	53.7242	31.17135	22.55285	33.85912	2
1609.445	1610.238	942.2383	96.4	83.03	94	91.41	49.81874	0	50.18126	28.03649	22.14477	34.63593	2
1609.45	1610.243	942.2435	93.22	36.04	92.44	91.41	51.56092	3.620301	44.81878	27.9522	16.86658	34.86577	2
1609.455	1610.249	942.2486	91.8	36.87	91.36	90.59	50.03146	4.537574	45.43097	29.01393	16.41703	34.48132	2
1609.46	1610.254	942.2537	91.4	41.13	90.76	88.96	50.91854	3.763474	45.31799	20.62675	24.69123	34.76364	2
1609.465	1610.259	942.2588	91.83	39.82	91.13	89.73	51.30496	3.607655	45.08739	21.18974	23.89765	34.78819	2
1609.47	1610.264	942.2639	93.68	44.11	93.12	91.08	47.47978	5.435423	47.0848	22.02137	25.06343	34.34006	2
1609.475	1610.269	942.269	94.26	56.17	93.05	91.49	49.06516	3.377705	47.55714	32.24307	15.31406	34.46601	2
1609.48	1610.274	942.2741	94.33	45.31	94.2	91.17	43.25888	8.030333	48.71079	33.5208	15.18998	33.93353	2
1609.485	1610.279	942.2792	97.62	34.04	97.85	97.1	40.16942	11.77175	48.05883	34.62507	13.43376	33.17264	2
1609.49	1610.284	942.2843	98.69	39.12	98.61	98.68	40.35816	11.08964	48.5522	29.50263	19.04957	33.06166	2
1609.495	1610.289	942.2894	96.49	41.09	96.64	97.22	40.12292	10.8261	49.05098	16.72615	32.32483	32.91493	2
1609.5	1610.295	942.2945	94.54	35.37	94.85	94.72	42.06116	9.787904	48.15094	18.32575	29.82519	33.28644	2
1609.505	1610.3	942.2996	93.37	89.38	94.5	96.37	23.71214	16.71565	59.57221	28.12006	31.45215	31.54876	2
1609.51	1610.305	942.3047	92.15	122.48	93.19	97.8	17.52184	17.40718	65.07098	42.37953	22.69145	31.05148	2
1609.515	1610.31	942.3098	88.65	99.99	86.27	86.69	52.68942	0.34865	46.96193	21.93314	25.02879	33.77643	2
1609.52	1610.315	942.3149	89.26	70.73	86.32	83.08	63.54914	0	36.45086	22.87911	13.57175	32.1574	2
1609.525	1610.32	942.32	90.34	63.67	87.58	85.61	62.86906	0	37.13094	22.81792	14.31302	32.20167	2
1609.53	1610.325	942.3252	89.41	31.68	88.32	87.67	58.52374	0.545542	40.93072	28.69916	12.23156	35.95657	2
1609.535	1610.33	942.3303	89.01	14.24	88.67	88.32	57.29972	2.087249	40.61303	23.38885	17.22418	35.82335	2
1609.54	1610.335	942.3354	90.45	15.27	90.42	90.17	53.32316	4.136034	42.54081	18.54874	23.99206	35.08834	2
1609.545	1610.34	942.3405	93.15	24.57	92.51	91.96	53.31606	3.467484	43.21646	28.9566	14.25986	35.176	2
1609.55	1610.346	942.3456	93.27	23.36	92.91	92.02	51.32848	4.773608	43.89791	27.55206	16.34585	34.88148	2
1609.555	1610.351	942.3507	92.3	24.16	91.78	90.68	53.26728	3.572003	43.16072	22.4991	20.66162	35.23178	2
1609.56	1610.356	942.3558	92.34	31.97	91.66	90.37	52.58046	3.397902	44.02164	15.53045	28.49119	35.08178	2
1609.565	1610.361	942.3609	90.92	25.53	90.37	89.48	54.43784	2.875302	42.68686	24.69026	17.9966	35.33806	2
1609.57	1610.366	942.366	93.94	32.63	93.33	91.55	50.40624	4.553043	45.04072	14.94767	30.09305	34.85411	2
1609.575	1610.371	942.3711	92.61	26.46	92.23	92.23	51.34048	4.526964	44.13256	31.65348	12.47908	34.67316	2
1609.58	1610.376	942.3762	92.69	31.65	92.5	93.22	48.5384	5.805693	45.65591	31.64571	14.0102	34.03645	2
1609.585	1610.381	942.3813	93.88	45.28	92.59	92.8	52.67014	2.122855	45.20701	31.14049	14.06652	34.81821	2
1609.59	1610.386	942.3864	92.09	47.57	91.69	90.39	46.86526	5.586258	47.54848	30.04537	17.50311	34.01941	2
1609.595	1610.392	942.3915	92	62.28	91.59	91.94	43.46574	6.487851	50.04641	17.09191	32.9545	33.14943	2
1609.6	1610.397	942.3966	93.86	85.19	92.52	89.84	43.41782	4.575093	52.00709	31.53762	20.46947	33.64199	8
1609.605	1610.402	942.4017	89.52	69.91	88.38	84.39	49.55838	2.970649	47.47097	18.77871	28.69226	34.55308	8

1609.61	1610.407	942.4068	91.76	95.48	90.23	85.22	44.33214	3.791503	51.87636	33.94865	17.92771	33.94325	8
1609.615	1610.412	942.412	85.71	68.34	84.11	81.98	57.00852	0.348099	42.64338	29.64497	12.99841	35.17387	8
1609.62	1610.417	942.4171	85.27	44.39	83.83	82.26	61.96922	0	38.03078	13.47792	24.55286	35.18691	8
1609.625	1610.422	942.4222	87.81	76.82	85.94	82.04	55.11686	0.417219	44.46592	26.53302	17.9329	35.21443	8
1609.63	1610.427	942.4273	91.97	128.86	89.59	84.57	42.64848	2.58617	54.76535	36.74046	18.02489	33.45159	8
1609.635	1610.432	942.4324	99.73	157.3	101.62	101.1	0	33.80325	66.19675	66.19675	0	-9999	8
1609.64	1610.437	942.4375	103.5	188.94	105.1	104.54	0	39.84007	60.15993	60.15993	0	-9999	8
1609.645	1610.443	942.4426	105.5	210.96	105.17	101.53	0	27.14214	72.85786	72.85786	0	-9999	8
1609.65	1610.448	942.4477	95.76	243.49	93.19	81.65	12.89372	9.792463	77.31382	54.80272	22.51109	33.8205	8
1609.655	1610.453	942.4528	97.37	237.29	91.84	84.56	35.85292	0	64.14708	23.48785	40.65923	26.31725	8
1609.66	1610.458	942.4579	87.68	71.87	85.72	84.26	57.13186	0	42.86814	26.13565	16.73249	34.85601	2
1609.665	1610.463	942.463	88.24	36.77	87.02	85.59	59.37586	0.060768	40.56337	13.77198	26.7914	36.13668	2
1609.67	1610.468	942.4681	87.87	35.45	87.26	85.74	55.3082	2.033937	42.65786	26.00923	16.64864	35.35167	2
1609.675	1610.473	942.4732	88.92	64.1	87.75	87.81	51.7489	2.28286	45.96824	26.02962	19.93862	34.16747	2
1609.68	1610.478	942.4783	89.11	82.57	87.69	83.76	49.04186	2.660389	48.29775	24.42572	23.87203	34.29038	2
1609.685	1610.483	942.4834	87.05	82.74	86.44	81.94	44.61842	4.919064	50.46252	23.5935	26.86902	33.71572	2
1609.69	1610.489	942.4885	86.5	41.42	86.81	85.76	47.99386	5.09844	46.9077	21.62825	25.27945	33.98962	2
1609.695	1610.494	942.4936	88.38	48.3	88.29	86.39	47.6993	5.045707	47.25499	31.48972	15.76528	34.09026	2
1609.7	1610.499	942.4988	90.99	51.44	90.92	88.81	44.38322	6.708212	48.90857	23.81371	25.09486	33.76529	2
1609.705	1610.504	942.5039	92.84	74.32	91.75	91.71	45.04926	4.622416	50.32832	25.63459	24.69374	33.3709	2
1609.71	1610.509	942.509	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1610.005	1610.81	942.8102	104.77	40.4	104.55	104.91	35.5398	15.81834	48.64186	31.11238	17.52948	32.33905	2
1610.01	1610.815	942.8153	94.64	99.77	94.21	89.2	32.11936	10.36753	57.51311	37.73225	19.78086	33.01464	2
1610.015	1610.82	942.8204	88.46	72.61	86.56	85	55.77018	0.135361	44.09446	23.4373	20.65716	35.00885	2
1610.02	1610.826	942.8255	85.19	33.72	84.59	84.14	58.11496	0.990414	40.89463	28.34666	12.54796	35.55023	2
1610.025	1610.831	942.8306	85.24	35.62	84.49	84.2	58.77166	0.663179	40.56516	12.56363	28.00154	35.62245	2
1610.03	1610.836	942.8358	85.62	37.83	85.13	84.71	55.87224	1.769053	42.35871	22.12532	20.23339	35.0943	2
1610.035	1610.841	942.8409	84.15	30.02	83.33	82.04	61.67216	0	38.32784	19.94193	18.38591	36.06363	2
1610.04	1610.846	942.846	84.02	36.58	83.16	81.92	60.51424	0.033862	39.4519	20.76371	18.68819	36.05477	2
1610.045	1610.851	942.8511	86.27	48.54	85.34	84.54	56.09242	1.274252	42.63333	30.90733	11.726	35.08927	2
1610.05	1610.856	942.8562	85.68	40.25	85.13	83.85	55.6964	1.759461	42.54414	29.03855	13.50558	35.1903	2
1610.055	1610.861	942.8613	86.44	34.71	85.92	85.73	56.10538	1.759282	42.13534	19.46438	22.67095	35.18103	2
1610.06	1610.866	942.8664	87.56	34.16	87.35	87.56	52.80558	3.262576	43.93184	24.99366	18.93818	34.59522	2
1610.065	1610.871	942.8715	86.25	40.33	86.06	86.38	52.36264	3.179009	44.45835	19.4123	25.04606	34.36563	2
1610.07	1610.877	942.8766	83.92	30.62	83.18	82.32	61.11856	0	38.88144	22.82102	16.06042	36.13509	2
1610.075	1610.882	942.8817	85.33	38.04	84.71	83.11	57.09572	1.265717	41.63856	27.29478	14.34379	35.51461	2
1610.08	1610.887	942.8868	84.95	50.94	84.55	83.96	52.61852	2.698787	44.68269	27.67241	17.01029	34.35946	2
1610.085	1610.892	942.8919	88.09	49.39	87.88	86.38	48.63232	4.531128	46.83655	20.21074	26.62581	34.11576	2
1610.09	1610.897	942.897	89.32	49.03	89.39	89.17	45.41784	6.204547	48.37761	22.89831	25.4793	33.50888	2
1610.095	1610.902	942.9021	92.4	81.19	93.73	94.43	25.03652	16.26916	58.69432	41.63656	17.05776	31.81901	2
1610.1	1610.907	942.9072	86.22	63.97	85.36	83.61	51.86186	2.529741	45.6084	27.43577	18.17263	34.34184	2
1610.105	1610.912	942.9123	82.15	46.76	81.72	80.04	56.43858	1.386139	42.17528	29.41728	12.758	35.09421	2
1610.11	1610.917	942.9174	78.1	30.48	77.54	75.23	65.11184	0	34.88816	22.28641	12.60175	35.37131	2
1610.115	1610.923	942.9226	75.58	24.03	75.48	75.22	65.42614	0	34.57386	19.50129	15.07257	34.91094	2
1610.12	1610.928	942.9277	74.51	33.98	73.77	71.83	68.96264	0	31.03736	19.71727	11.32009	34.64798	2
1610.125	1610.933	942.9328	75.22	37.04	74.14	72.21	70.20392	0	29.79608	17.83641	11.95967	34.51066	2
1610.13	1610.938	942.9379	74.53	23.18	73.95	72.17	70.31784	0	29.68216	21.84661	7.835549	34.58521	2
1610.135	1610.943	942.943	73.69	26.1	72.99	71.65	71.314	0	28.686	23.55864	5.127359	34.38432	2
1610.14	1610.948	942.9481	73.89	35.23	73.06	72.7	69.92804	0	30.07196	20.82039	9.251571	34.25742	2
1610.145	1610.953	942.9532	72.79	47.13	71.72	69.82	69.92024	0	30.07976	11.35107	18.72869	34.50205	2
1610.15	1610.958	942.9583	74.44	52.44	72.34	70.17	75.09972	0	24.90028	9.390723	15.50956	34.22691	9
1610.155	1610.963	942.9634	79.37	76.25	77.83	73.14	60.4621	0.001999	39.5359	7.880029	31.65587	35.64071	9
1610.16	1610.969	942.9685	83.43	90.84	84.51	84.92	32.89112	9.340058	57.76882	41.37636	16.39246	31.83388	9
1610.165	1610.974	942.9736	84.21	87.65	86.2	85.13	25.893	12.61012	61.49688	30.98951	30.50736	32.17918	9
1610.17	1610.979	942.9787	84.71	131.42	86.7	81.84	14.84066	15.93657	69.22277	45.46538	23.75739	32.9725	9
1610.175	1610.984	942.9838	85	142.12	87.06	89.9	11.44196	17.12812	71.42992	57.80415	13.62577	31.78156	9
1610.18	1610.989	942.9889	83.32	101.8	83.35	86.02	38.4775	6.824091	54.69841	20.36368	34.33473	31.44202	9
1610.185	1610.994	942.994	82.64	96.8	82.1	74.9	44.7306	4.611327	50.65807	32.86837	17.7897	33.76093	9
1610.19	1610.999	942.9991	83.5	86.98	82.99	78.36	46.08334	4.302741	49.61392	21.28476	28.32916	33.62862	9
1610.195	1611.004	943.0042	86.39	76.39	85.57	79.1	48.38982	3.553418	48.05676	26.47376	21.583	34.56349	9
1610.2	1611.009	943.0094	92.65	109.4	92.02	89.45	33.1697	8.997021	57.83328	32.50553	25.32775	32.47638	9
1610.205	1611.014	943.0145	97.66	133.36	97.02	94.65	22.83968	13.29199	63.86833	29.63771	34.23062	32.26092	9
1610.21	1611.02	943.0196	102.56	116.77	101.96	106.22	22.03646	15.88442	62.07912	41.23947	20.83964	31.12199	9
1610.215	1611.025	943.0247	102.13	81.18	102.09	101.79	26.70484	17.31801	55.97715	22.74749	33.22966	31.91916	9
1610.22	1611.03	943.0298	101.24	76.83	101.25	100.55	28.18884	16.52306	55.2881	26.91946	28.36864	32.07141	9
1610.225	1611.035	943.0349	99.16	99.11	98.9	96.16	26.80318	14.36429	58.83253	27.09365	31.73888	32.4495	9
1610.23	1611.04	943.04	96.77	145.24	97.19	100.92	12.56852	19.67	67.76148	46.17365	21.58783	31.38058	9
1610.235	1611.045	943.0451	96.29	130.67	96.76	98.74	16.14856	18.55214	65.2993	47.07607	18.22323	31.53483	9
1610.24	1611.05	943.0502	94.69	168.11	95.62	91.8	4.99508	22.2046	72.80032	60.24439	12.55592	-9999	9
1610.245	1611.055	943.0553	90.68	122.58	90.27	90.55	30.08754	9.901274	60.01119	33.87138	26.13981	31.63729	9
1610.25	1611.06	943.0604	87.07	118.02	85.78	76.78	41.33226	4.993529	53.67421	18.31331	35.36091	33.76208	9
1610.255	1611.066	943.0655	86.62	107.48	86.79	83.02	32.98194	9.125087	57.89297	36.52512	21.36786	32.46375	9
1610.26	1611.071	943.0706	85.82	92.62	84.75	80.06	46.92406	3.669747	49.40619	16.98696	32.41923	33.78727	9

1610.265	1611.076	943.0757	82.09	84.83	81.37	74.51	49.52834	3.153249	47.31841	20.12607	27.19234	34.38078	2
1610.27	1611.081	943.0808	78.8	122.12	74.72	72.83	69.57096	0	30.42904	20.71199	9.717053	33.04575	2
1610.275	1611.086	943.0859	76.25	95.75	72.98	71.76	72.021	0	27.979	12.28263	15.69637	33.70642	2
1610.28	1611.091	943.0911	75.17	45.12	73.68	72.51	71.47206	0	28.52794	6.590914	21.93703	34.2029	2
1610.285	1611.096	943.0962	75.35	30.85	74.46	72.78	70.1098	0	29.8902	22.80955	7.080654	34.52958	2
1610.29	1611.101	943.1013	77.26	54.35	75.54	73.29	69.0981	0	30.9019	22.4648	8.437097	34.37055	2
1610.295	1611.106	943.1064	75	53.76	73.8	74.53	67.29008	0	32.70992	10.57894	22.13098	34.16295	2
1610.3	1611.111	943.1115	75.29	38.12	74.47	72.48	67.86316	0	32.13684	5.891932	26.24491	34.74105	2
1610.305	1611.117	943.1166	76.78	62.87	75.1	71.9	67.16786	0	32.83214	22.80632	10.02582	34.7096	2
1610.31	1611.122	943.1217	75.25	61.24	72.86	70.8	74.47242	0	25.52758	8.971437	16.55614	34.09296	2
1610.315	1611.127	943.1268	76.06	49.58	74.55	71.26	69.72894	0	30.27106	12.65293	17.61813	34.64927	2
1610.32	1611.132	943.1319	76.84	45.12	76.04	72.7	64.58816	0	35.41184	18.58612	16.82572	35.34578	2
1610.325	1611.137	943.137	77.61	52.46	76.35	73.65	65.66848	0	34.33152	18.32458	16.00694	34.92216	2
1610.33	1611.142	943.1421	78.11	52.69	76.62	74.48	66.93532	0	33.06468	22.57508	10.4896	34.59093	2
1610.335	1611.147	943.1472	75.96	27.78	75.6	73.94	66.18404	0	33.81596	5.653814	28.16215	35.03552	2
1610.34	1611.152	943.1523	75.11	33.08	74.57	73.63	67.07844	0	32.92156	16.87042	16.05114	34.68282	2
1610.345	1611.157	943.1574	74.8	33.76	73.61	72.31	72.23658	0	27.76342	22.72603	5.037393	34.26971	2
1610.35	1611.163	943.1625	73.26	23.24	72.94	72.18	69.45672	0	30.54328	16.38223	14.16105	34.40075	2
1610.355	1611.168	943.1676	73.87	30.6	73.09	71.76	70.6794	0	29.3206	17.05594	12.26466	34.40415	2
1610.36	1611.173	943.1727	73.01	17.89	72.71	71.33	70.82642	0	29.17358	9.153653	20.01993	34.42668	2
1610.365	1611.178	943.1779	75.22	28.13	74.92	74.76	66.31514	0	33.68486	6.809859	26.875	34.69194	2
1610.37	1611.183	943.183	76.61	44.36	76.42	75.02	60.25618	0.216731	39.52709	20.00287	19.52422	35.44419	2
1610.375	1611.188	943.1881	77	35.89	76.65	76.52	63.18712	0	36.81288	20.4334	16.37948	35.14908	2
1610.38	1611.193	943.1932	79.81	66.66	79.49	77.9	52.92308	2.30951	44.76741	20.20275	24.56466	34.0428	2
1610.385	1611.198	943.1983	79.63	41.36	79.49	78.22	57.81628	0.987465	41.19625	25.81673	15.37952	35.21148	2
1610.39	1611.203	943.2034	79.43	56.08	78.81	78.39	58.15804	0.772285	41.06967	14.9901	26.07958	34.82622	2
1610.395	1611.208	943.2085	79.46	72.01	78.65	76.49	55.74788	1.407855	42.84427	21.24898	21.59529	34.44633	2
1610.4	1611.214	943.2136	78.82	58.26	78.18	75.32	58.34668	0.723847	40.92947	26.66717	14.2623	35.22946	2
1610.405	1611.219	943.2187	78.11	53.83	77.63	75.67	58.83194	0.612455	40.5556	28.90405	11.65155	35.1907	2
1610.41	1611.224	943.2238	78.72	59.48	77.47	74.26	62.87094	0	37.12906	16.95269	20.17637	35.30491	2
1610.415	1611.229	943.2289	77.13	37.56	76.48	74.32	64.98838	0	35.01162	16.77535	18.23627	35.19547	2
1610.42	1611.234	943.234	75.4	52.52	73.83	72.23	70.08966	0	29.91034	8.031293	21.87905	34.31985	2
1610.425	1611.239	943.2391	74.05	53.83	72.27	71.32	72.64214	0	27.35786	7.395372	19.96249	34.12353	2
1610.43	1611.244	943.2442	72.4	24.91	71.78	71.26	72.16878	0	27.83122	21.63623	6.194994	34.14766	2
1610.435	1611.249	943.2493	72.04	32.29	71.22	71.04	72.26402	0	27.73598	12.10893	15.62705	34.06998	2
1610.44	1611.254	943.2544	72.37	58.58	70.96	69.2	70.17074	0	29.82926	7.46927	22.35999	34.47264	2
1610.445	1611.26	943.2595	73.89	46.01	72.67	69.26	70.34178	0	29.65822	16.36456	13.29366	34.73966	2
1610.45	1611.265	943.2647	72.63	31.14	72.08	69.17	69.90702	0	30.09298	17.69223	12.40075	34.70598	2
1610.455	1611.27	943.2698	72.88	24.41	72.28	70.61	71.69318	0	28.30682	17.91331	10.39351	34.40088	2
1610.46	1611.275	943.2749	72.73	20.39	72.39	71.69	70.78902	0	29.21098	20.35177	8.859211	34.2761	2
1610.465	1611.28	943.28	71.87	29.13	71.57	71.32	69.15514	0	30.84486	21.54458	9.300281	34.22163	2
1610.47	1611.285	943.2851	70.84	44.12	69.69	68.12	73.06266	0	26.93734	10.43439	16.50295	34.33471	2
1610.475	1611.29	943.2902	70.38	44.48	69.11	67.71	74.32874	0	25.67126	21.76601	3.905251	34.30568	2
1610.48	1611.295	943.2953	72.19	46.19	71.76	71.7	65.73972	0	34.26028	14.81179	19.44849	34.44402	2
1610.485	1611.3	943.3004	74.81	77.9	74.98	76.88	51.0055	2.726829	46.26767	27.91858	18.34909	32.65233	2
1610.49	1611.306	943.3055	76.3	61.54	76.56	78.04	52.89632	2.234976	44.8687	22.76226	22.10644	33.38299	2
1610.495	1611.311	943.3106	78.5	42.34	79.15	80.28	52.49622	2.573686	44.93009	28.12297	16.80712	33.87056	2
1610.5	1611.316	943.3157	78.22	43.07	79.35	81.02	48.85716	3.666271	47.47657	25.99081	21.48576	33.29481	1
1610.505	1611.321	943.3208	75.13	39.03	75.34	76.56	59.80764	0.270633	39.92173	22.09885	17.82288	34.9067	1
1610.51	1611.326	943.3259	77.05	43.78	77.38	78.61	55.96174	1.42216	42.6161	20.60152	22.01458	34.2652	1
1610.515	1611.331	943.331	79.74	70.58	80.25	80.63	45.60634	4.616895	49.77676	17.8638	31.91296	32.75256	1
1610.52	1611.336	943.3361	78.77	99.16	77.85	79.14	50.66488	2.838026	46.49709	14.72468	31.77241	32.53104	1
1610.525	1611.341	943.3412	78.03	72.79	78.79	74.87	44.70722	4.708625	50.58415	30.09604	20.48812	33.35794	1
1610.53	1611.346	943.3464	72.11	53.16	71.54	69.98	65.21158	0	34.78842	20.67521	14.11321	34.75811	1
1610.535	1611.351	943.3515	73.61	39.85	72.8	72	68.9126	0	31.0874	5.581905	25.5055	34.38675	1
1610.54	1611.357	943.3566	78.01	47.54	77.34	75.26	61.91862	0	38.08138	22.03453	16.04685	35.55002	1
1610.545	1611.362	943.3617	78.25	62.95	76.58	72.67	65.7186	0	34.2814	21.0541	13.2273	34.90301	1
1610.55	1611.367	943.3668	75.62	46.52	74.63	74.28	66.84426	0	33.15574	24.73447	8.421274	34.465	1
1610.555	1611.372	943.3719	75.4	73.74	73.69	72.96	66.03942	0	33.96058	13.96931	19.99127	34.39192	1
1610.56	1611.377	943.377	78.11	27.49	77.36	76.32	67.29872	0	32.70128	14.70307	17.99821	34.82915	1
1610.565	1611.382	943.3821	80.11	39.06	79.38	77.06	62.50378	0	37.49622	17.16904	20.32718	35.70929	1
1610.57	1611.387	943.3872	80.43	42.26	79.89	77.67	59.96248	0.294105	39.74341	16.01386	23.72956	35.80409	1
1610.575	1611.392	943.3923	81.41	57.21	80.26	77.69	60.17048	0.003951	39.82557	7.308291	32.51728	35.7009	1
1610.58	1611.397	943.3974	81.27	63.91	79.63	78.19	62.47538	0	37.52462	22.24765	15.27697	34.71824	1
1610.585	1611.403	943.4025	80.49	57.87	79.94	79.57	56.20716	1.339138	42.4537	19.74256	22.71114	34.51678	1
1610.59	1611.408	943.4076	76.8	35.41	75.99	74.85	67.05228	0	32.94772	5.923093	27.02463	34.72852	1
1610.595	1611.413	943.4127	78.61	45.2	77.33	76.37	66.6604	0	33.3396	19.83355	13.50605	34.52791	1
1610.6	1611.418	943.4178	69.37	52.12	68.29	69.55	71.93656	0	28.06344	5.499199	22.56424	33.87213	1
1610.605	1611.423	943.4229	77.38	59.91	78.37	74.36	46.63968	4.118188	49.24213	25.17444	24.06769	33.76551	1
1610.61	1611.428	943.428	90.2	68.73	90.05	87.72	41.54584	7.108082	51.34608	26.1204	25.22568	33.29846	1
1610.615	1611.433	943.4332	88.67	66.89	88.26	86.91	45.41372	5.221702	49.36458	28.17625	21.18833	33.49283	1
1610.62	1611.438	943.4383	84.56	42.32	83.94	82.55	56.76836	1.301645	41.93	19.23389	22.69611	35.30295	1
1610.625	1611.443	943.4434	84.7	34.88	84.56	82.67	54.72004	2.337684	42.94228	27.29435	15.64792	35.15824	1

1610.63	1611.448	943.4485	82.96	58.33	82.67	81.2	51.80844	2.824158	45.3674	18.75716	26.61024	34.17843	1
1610.635	1611.454	943.4536	86.27	52.94	86.35	86.37	47.20012	4.961885	47.838	23.07489	24.76311	33.5251	1
1610.64	1611.459	943.4587	85.73	54.45	85.17	83.63	52.2915	2.703128	45.00537	24.17089	20.83448	34.47046	1
1610.645	1611.464	943.4638	85.04	39.65	84.6	83.08	55.5779	1.843166	42.57893	30.84734	11.73159	35.18281	1
1610.65	1611.469	943.4689	83.07	40.89	83.2	82.76	52.67272	2.907232	44.42005	25.66796	18.75209	34.40022	1
1610.655	1611.474	943.474	81.69	42.8	81.38	79.15	56.8901	1.298433	41.81147	12.2331	29.57836	35.31097	1
1610.66	1611.479	943.4791	84.24	35.99	84.25	84.25	53.71212	2.694261	43.59362	24.51607	19.07755	34.60634	1
1610.665	1611.484	943.4842	83.35	51.51	82.24	80.94	59.45508	0.153145	40.39178	25.12997	15.2618	35.56284	1
1610.67	1611.489	943.4893	84.1	70.85	82.68	80	56.4873	0.742087	42.77061	19.9387	22.83192	35.00885	1
1610.675	1611.494	943.4944	77.9	68.71	77.92	79.94	51.54918	2.680111	45.77071	32.45246	13.31824	33.04694	1
1610.68	1611.5	943.4995	80.94	65.13	80.48	80.35	53.33874	2.183318	44.47794	14.84428	29.63366	33.92265	1
1610.685	1611.505	943.5046	78.5	58.62	78.66	78.15	52.35396	2.510014	45.13603	17.53327	27.60276	33.84444	1
1610.69	1611.51	943.5097	78.99	42.55	79.27	80.65	54.8621	1.876904	43.261	30.72677	12.53423	34.18259	1
1610.695	1611.515	943.5148	74.41	42.12	74.43	71.8	61.19476	0	38.80524	21.43571	17.36953	35.6481	1
1610.7	1611.52	943.52	76.04	53.5	75.23	73.46	63.3737	0	36.6263	25.05548	11.57082	35.11246	1
1610.705	1611.525	943.5251	78.14	67.62	77.07	74.73	60.03966	0.25465	39.70569	24.80765	14.89804	35.20316	1
1610.71	1611.53	943.5302	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1611.005	1611.831	943.8311	105.18	34.62	104.95	102.83	36.63886	15.77775	47.58339	20.75954	26.82384	32.88067	1
1611.01	1611.836	943.8359	105.35	40.92	106.13	106.41	27.13036	25.50189	47.36775	26.21831	21.14944	31.20938	1
1611.015	1611.841	943.8407	101.47	49.71	101.47	100.67	34.61778	14.84278	50.53944	18.65415	31.88529	32.52375	1
1611.02	1611.845	943.8455	99.78	41.08	99.43	97.86	40.97354	10.34357	48.68289	23.18481	25.49808	33.46383	1
1611.025	1611.85	943.8503	96.55	61.84	97.14	96.39	31.63622	14.84455	53.51923	35.004	18.51523	32.30717	1
1611.03	1611.855	943.8551	96.4	63.65	97.04	94.21	30.9487	15.12061	53.93069	28.96006	24.97063	32.64606	1
1611.035	1611.86	943.8599	95.61	68.36	95.88	94.47	33.40318	12.63911	53.95771	30.80916	23.14855	32.55018	1
1611.04	1611.865	943.8647	92.95	54.9	91.77	89.98	50.3452	2.946327	46.70847	23.14096	23.56751	34.62959	1
1611.045	1611.869	943.8695	95.81	50.51	95.11	92.22	45.05638	6.29321	48.65041	25.58228	23.06813	34.18029	1
1611.05	1611.874	943.8743	92.73	48.34	92.2	91.57	47.09762	5.374069	47.52831	33.20723	14.32108	33.93853	1
1611.055	1611.879	943.8791	87.65	27.02	86.83	86.28	59.17816	0.636926	40.18491	26.5251	13.65981	36.00674	1
1611.06	1611.884	943.8839	89.64	45.57	88.48	87.19	55.49326	1.288696	43.21804	21.46853	21.74952	35.31898	1
1611.065	1611.889	943.8887	92.81	72.5	92.49	89.18	39.5498	8.022966	52.42723	28.56751	23.85972	33.34477	1
1611.07	1611.893	943.8935	95.84	47.71	94.82	93.49	48.18638	4.424524	47.3891	33.35535	14.03375	34.40241	1
1611.075	1611.898	943.8983	106.71	130.2	102.96	100.39	39.3809	0	60.6191	34.70621	25.91289	25.80737	1
1611.08	1611.903	943.9031	108.48	132.8	105.14	102.38	33.9458	0	66.0542	29.91	36.1442	29.66101	1
1611.085	1611.908	943.9078	100.76	111.71	100.28	100.55	23.98698	14.99206	61.02096	32.72712	28.29384	31.84644	1
1611.09	1611.913	943.9126	99.85	99.41	101.3	107.63	12.84328	26.84926	60.30746	48.19374	12.11372	30.61664	1
1611.095	1611.917	943.9174	98.38	171.72	100.49	93.81	0	34.26849	65.73151	65.73151	0	-9999	1
1611.1	1611.922	943.9222	93.92	134.99	91.1	83.43	42.78102	1.25125	55.96773	35.46905	20.49868	34.10591	1
1611.105	1611.927	943.927	90.46	110.57	87	85.89	56.83386	0	43.16614	17.89385	25.27229	31.05603	1
1611.11	1611.932	943.9318	89.98	92.56	87.35	86.27	55.20138	0	44.79862	16.97355	27.82507	33.38048	2
1611.115	1611.937	943.9366	91.7	37.8	91.15	90.45	50.7509	4.067507	45.18159	21.12811	24.05348	34.56101	2
1611.12	1611.941	943.9414	93.52	31.99	93.39	93.61	47.22752	6.616367	46.15611	22.32857	23.82755	33.93295	2
1611.125	1611.946	943.9462	96.61	52.72	96.25	92.11	41.15056	8.790475	50.05896	26.57669	23.48228	33.89045	2
1611.13	1611.951	943.951	98.86	54.67	99	99.13	34.73366	13.69745	51.56889	23.08988	28.47901	32.39147	2
1611.135	1611.956	943.9558	99.6	71.82	100.22	100.85	26.18256	18.80047	55.01697	28.8499	26.16706	31.68183	2
1611.14	1611.961	943.9606	98.43	57.33	98.13	97.78	37.89554	10.73393	51.37053	36.00876	15.36177	32.83344	2
1611.145	1611.965	943.9654	94.6	58.99	94.05	93	42.95492	6.982706	50.06237	32.87812	17.18426	33.46023	2
1611.15	1611.97	943.9702	96.16	41.87	96.37	96.83	39.77276	10.95643	49.27081	35.60946	13.66134	32.87596	2
1611.155	1611.975	943.975	92.98	37.71	92.66	92.45	47.81258	5.769643	46.41778	16.9733	29.44447	34.05054	2
1611.16	1611.98	943.9798	91.68	38.34	91.35	89.65	48.93362	5.061585	46.00479	16.88174	29.12306	34.44572	2
1611.165	1611.985	943.9846	89.7	61.22	88.11	84.48	54.98326	0.729773	44.28697	29.91221	14.37475	35.48161	2
1611.17	1611.989	943.9894	87.55	60.96	85.39	82.94	61.44168	0	38.55832	21.57255	16.98577	34.07775	2
1611.175	1611.994	943.9942	85.7	34.17	84.64	83.65	61.10186	0	38.89814	16.56329	22.33485	35.88389	2
1611.18	1611.999	943.999	84.53	19.8	84.2	83.61	59.9983	0.661998	39.3397	26.03854	13.30117	36.10996	2
1611.185	1612.004	944.0038	85.47	23.69	85.04	84	58.96712	0.953856	40.07902	29.36118	10.71785	35.97698	2
1611.19	1612.009	944.0086	87.15	27.61	86.86	86.29	55.38788	2.355624	42.2565	29.12365	13.13284	35.24018	2
1611.195	1612.013	944.0134	87.16	34.31	87.45	88.21	49.26228	4.891393	45.84633	27.12539	18.72094	33.92414	2
1611.2	1612.018	944.0182	86.41	30.3	86.35	84.84	53.6352	3.015988	43.34881	24.29498	19.05383	35.04114	2
1611.205	1612.023	944.023	83.97	30.33	83.92	84.12	55.79524	2.018188	42.18657	15.21388	26.97269	34.98587	2
1611.21	1612.028	944.0278	82.34	28.16	82.17	81.5	58.74998	0.911652	40.33837	23.39879	16.93958	35.63625	2
1611.215	1612.033	944.0326	84.44	19.17	84.08	84.12	60.46606	0.494318	39.03962	17.47334	21.56628	36.09388	2
1611.22	1612.037	944.0374	88.67	28.32	88.11	88.04	55.91016	2.052225	42.03761	30.20332	11.83429	35.30996	2
1611.225	1612.042	944.0422	90.88	32.26	90.5	89.96	51.52848	4.028424	44.4431	30.97841	13.46468	34.67319	2
1611.23	1612.047	944.047	91.4	46.25	91.41	92.82	44.642	6.944581	48.41342	32.80817	15.60525	33.19007	2
1611.235	1612.052	944.0518	90.99	34.64	91.11	94.86	46.97632	6.400123	46.62356	20.63947	25.98408	33.15509	2
1611.24	1612.057	944.0566	91.43	34.22	91.16	93.16	49.69566	4.915697	45.38864	23.9175	21.47114	33.90657	2
1611.245	1612.061	944.0614	92.94	40.27	92.2	91.78	50.48486	3.962401	45.55274	28.92398	16.62876	34.50509	2
1611.25	1612.066	944.0662	94.23	64.95	94.52	100.3	35.343	11.44405	53.21295	33.94725	19.26571	31.36828	2
1611.255	1612.071	944.0709	92.9	65.83	93.41	97.78	34.64864	11.6066	53.74476	32.68401	21.06075	31.56104	2
1611.26	1612.076	944.0757	93.31	64.85	93.36	96.14	38.0736	9.580131	52.34627	26.54155	25.80472	32.14107	2
1611.265	1612.081	944.0805	92.92	69.04	91.91	91.85	45.63342	4.65944	49.70714	30.06618	19.64096	33.48384	2
1611.27	1612.085	944.0853	91.53	51.15	91.21	91.67	45.8941	5.891886	48.21401	30.81567	17.39835	33.49363	2
1611.275	1612.09	944.0901	91.49	39.82	91.31	89.96	47.58776	5.721703	46.69054	27.45954	19.231	34.15722	2
1611.28	1612.095	944.0949	92.56	55.62	92.4	90.96	42.62476	7.487716	49.88752	20.92659	28.96093	33.43458	2

1611.285	1612.1	944.0997	93.85	52.99	92.87	90.5	48.42942	4.099787	47.47079	30.37253	17.09826	34.48989	2
1611.29	1612.105	944.1045	95.93	65.03	95.02	97.8	43.05964	6.217702	50.72266	18.76957	31.95309	32.80509	2
1611.295	1612.109	944.1093	97.13	86.81	96.55	106.86	34.12738	10.1719	55.70072	38.84404	16.85668	30.44525	2
1611.3	1612.114	944.1141	98.86	65.26	100.39	103	21.39838	23.73976	54.86186	36.20458	18.65729	31.13329	2
1611.305	1612.119	944.1189	99.97	57.96	101.02	101.62	25.86378	21.32442	52.8118	36.76188	16.04992	31.57425	2
1611.31	1612.124	944.1237	100.65	63.05	101.84	103.09	22.9214	23.58882	53.48978	33.31491	20.17487	31.30145	2
1611.315	1612.129	944.1285	97.8	60.52	98.72	102	28.24816	18.05093	53.70091	26.43882	27.26209	31.31758	2
1611.32	1612.133	944.1333	96.5	76.52	96.09	95.39	35.87966	10.04393	54.07641	20.52013	33.55629	32.62458	2
1611.325	1612.138	944.1381	95.75	89.44	96.9	100.51	21.35302	19.19722	59.44976	29.15744	30.29231	31.15645	2
1611.33	1612.143	944.1429	94.04	78.48	94.98	98.72	27.20604	15.60456	57.1894	37.31373	19.87567	31.26317	2
1611.335	1612.148	944.1477	88.65	71.45	87.49	85.86	50.1411	2.735554	47.12335	16.30397	30.81938	34.11127	2
1611.34	1612.152	944.1525	86.11	61.31	84.77	83.53	56.32678	0.770748	42.90247	21.70724	21.19524	35.0067	2
1611.345	1612.157	944.1573	85.22	57.92	83.69	82.33	59.43846	0	40.56154	23.28228	17.27926	35.27325	2
1611.35	1612.162	944.1621	84.3	41.15	83.84	83.94	56.0507	1.62333	42.32597	26.59812	15.72785	34.89776	2
1611.355	1612.167	944.1669	84.2	37.12	84.24	84.18	53.24296	2.846888	43.91015	14.72475	29.1854	34.51841	2
1611.36	1612.172	944.1717	83.95	74.51	82.8	80.02	53.64708	1.732636	44.62028	14.13802	30.48226	34.48404	2
1611.365	1612.176	944.1765	85.51	65.14	84.47	79.37	53.62692	1.825457	44.54762	31.20223	13.3454	35.16161	2
1611.37	1612.181	944.1813	81.57	58.16	79.78	74.94	64.75338	0	35.24662	10.74712	24.4995	34.96198	2
1611.375	1612.186	944.1861	82.18	71.85	79.85	77.61	65.0642	0	34.9358	19.09678	15.83902	33.8574	2
1611.38	1612.191	944.1909	80.96	49.95	79.55	76.41	64.3564	0	35.6436	14.57803	21.06557	35.06731	2
1611.385	1612.196	944.1957	80.01	39.05	78.73	77.35	66.8607	0	33.1393	17.94777	15.19153	34.62559	2
1611.39	1612.2	944.2005	83.72	75.73	81.98	77.22	58.13594	0.104449	41.75961	22.83356	18.92605	35.57019	2
1611.395	1612.205	944.2053	81.19	69.66	79.37	75.53	62.55248	0	37.44752	25.16284	12.28468	34.97046	2
1611.4	1612.21	944.2101	79.22	44.97	78.32	78.08	63.20986	0	36.79014	9.895593	26.89455	35.00613	2
1611.405	1612.215	944.2149	77.33	40.86	77.06	79.34	61.06078	0	38.93922	18.95886	19.98036	35.01626	2
1611.41	1612.22	944.2197	77.04	48.72	77.77	80.67	51.67546	2.640128	45.68441	26.3163	19.36811	33.24465	2
1611.415	1612.224	944.2245	78.96	34.51	79.38	80.26	55.75038	1.662655	42.58696	17.06171	25.52525	34.55609	2
1611.42	1612.229	944.2292	82.14	36.95	82.22	83.06	54.8693	2.130924	42.99978	27.29622	15.70356	34.5217	2
1611.425	1612.234	944.234	82.18	36.02	82.36	82.49	54.28256	2.364727	43.35271	20.17931	23.1734	34.5763	2
1611.43	1612.239	944.2388	82.91	73.85	82.22	80.85	51.1986	2.723185	46.07822	27.68907	18.38915	33.80969	2
1611.435	1612.244	944.2436	81.25	70.81	81.82	83.11	43.69648	5.412699	50.89082	21.35793	29.53289	32.46412	2
1611.44	1612.248	944.2484	81.16	41.01	81.47	81.49	53.00588	2.656591	44.33753	20.25252	24.08501	34.27421	2
1611.445	1612.253	944.2532	79.12	57.76	78.67	79.67	56.71918	1.205915	42.0749	27.99137	14.08353	34.26061	2
1611.45	1612.258	944.258	78.59	30.61	78.8	78	58.66208	0.766753	40.57117	12.10509	28.46608	35.41303	2
1611.455	1612.263	944.2628	79.06	32.44	79.43	78.98	56.54682	1.437754	42.01543	24.08305	17.93237	34.97345	2
1611.46	1612.268	944.2676	79.14	44.17	79.49	79.49	53.78956	2.209696	44.00074	17.82288	26.17787	34.24715	2
1611.465	1612.272	944.2724	78.22	36.08	78.04	78.11	60.70124	0.118337	39.18042	11.26454	27.91588	35.50273	2
1611.47	1612.277	944.2772	77.78	68.33	77.65	75.14	52.91404	2.282825	44.80314	30.35757	14.44557	34.05655	2
1611.475	1612.282	944.282	77.5	81.88	76.85	71.94	53.92254	1.990767	44.08669	14.94084	29.14586	34.35217	2
1611.48	1612.287	944.2868	76.47	77.47	75.17	71.03	60.97486	0.168559	38.85658	22.9718	15.88478	35.3773	2
1611.485	1612.292	944.2916	73.02	43.49	72.21	70.13	68.57452	0	31.42548	18.29852	13.12696	34.61819	2
1611.49	1612.296	944.2964	70.25	25.91	69.82	69.92	72.43228	0	27.56772	20.43614	7.131581	33.91809	2
1611.495	1612.301	944.3012	69.39	36.01	69.52	71.55	66.43928	0	33.56072	22.14173	11.41899	33.75619	2
1611.5	1612.306	944.306	68.67	36.91	68.66	69.35	67.96888	0	32.03112	12.3766	19.65452	33.87484	2
1611.505	1612.311	944.3108	70.46	76.03	69.54	71.55	63.90754	0	36.09246	22.221	13.87146	34.20928	2
1611.51	1612.316	944.3156	70.42	63.13	70.63	71.18	58.30864	0.71479	40.97657	28.11734	12.85922	33.97429	2
1611.515	1612.32	944.3204	69.64	60.05	68.67	69.57	68.9166	0	31.0834	20.32153	10.76187	34.04564	2
1611.52	1612.325	944.3252	66.47	34.66	65.94	66.63	74.56738	0	25.43262	17.03516	8.397459	33.71862	2
1611.525	1612.33	944.33	65.2	42.32	63.84	62.56	80.31456	0	19.68544	12.84259	6.842854	34.58207	2
1611.53	1612.335	944.3348	66.75	44.54	65.2	63.49	79.82382	0	20.17618	17.21349	2.962692	34.64921	2
1611.535	1612.34	944.3396	68.46	69.14	67.37	67.3	68.73242	0	31.26758	23.82868	7.438899	34.30272	2
1611.54	1612.344	944.3444	72.22	75.28	69.96	68.65	72.85484	0	27.14516	19.0846	8.06056	34.35992	2
1611.545	1612.349	944.3492	73.51	55.95	72.63	74.06	65.6509	0	34.3491	8.581511	25.76759	34.18782	2
1611.55	1612.354	944.354	79.13	47.26	79.09	79	56.07348	1.471604	42.45492	18.41025	24.04467	34.55545	2
1611.555	1612.359	944.3588	77.51	34.94	78.04	79.71	56.12782	1.428083	42.4441	26.20015	16.24395	34.39639	2
1611.56	1612.364	944.3636	74.98	33.74	75.45	76.63	59.21082	0.38708	40.4021	27.74386	12.65824	34.90342	2
1611.565	1612.368	944.3684	74.12	44.71	74.65	75.15	56.88228	0.985308	42.13241	16.80456	25.32785	34.37079	2
1611.57	1612.373	944.3732	73.37	86	72.55	72.14	58.0426	1.141237	40.81616	16.21814	24.59802	33.77524	2
1611.575	1612.378	944.378	72.74	86.03	71.32	68.45	63.26494	0.050826	36.68423	8.350867	28.33337	35.10452	2
1611.58	1612.383	944.3828	74	71.13	73.94	67.87	55.17154	1.624621	43.20384	16.91877	26.28507	34.75354	2
1611.585	1612.388	944.3875	75.04	70.81	74.51	73.29	57.93468	0.954764	41.11056	12.38863	28.72193	34.35074	2
1611.59	1612.392	944.3923	71.53	41.63	71.67	73.16	63.03294	0	36.96706	18.07248	18.89458	34.35619	2
1611.595	1612.397	944.3971	68.59	49.47	68.7	69.58	64.07296	0	35.92704	6.366351	29.56069	34.11529	2
1611.6	1612.402	944.4019	65.69	60.3	65.89	67.43	63.4226	0	36.5774	23.51951	13.05789	33.85959	2
1611.605	1612.407	944.4067	62.05	59.02	61.18	58.28	75.37366	0	24.62634	11.50849	13.11785	34.72089	2
1611.61	1612.412	944.4115	57.61	37.12	56.87	55.95	83.75076	0	16.24924	7.647698	8.601542	34.61857	2
1611.615	1612.416	944.4163	59.59	47.34	58.22	56.96	84.33842	0	15.66158	13.56671	2.094872	35.17546	2
1611.62	1612.421	944.4211	60.21	50.07	59.02	58.08	81.71236	0	18.28764	9.353293	8.934347	34.79684	2
1611.625	1612.426	944.4259	59.87	34.25	59.15	57.43	82.2111	0	17.7889	13.69577	4.093127	34.54745	2
1611.63	1612.431	944.4307	62.74	64.83	61.1	60.49	79.30034	0	20.69966	15.60685	5.092805	34.85292	2
1611.635	1612.436	944.4355	64.01	76.78	62.76	62.57	72.21754	0	27.78246	6.827485	20.95498	34.46976	2
1611.64	1612.44	944.4403	65.92	94.19	65.22	63.31	61.98462	0.799719	37.21566	14.70741	22.50825	33.99515	2
1611.645	1612.445	944.4451	67.47	121.67	66.59	66.12	55.30346	2.61964	42.0769	29.71984	12.35706	32.13137	2

1611.65	1612.45	944.4499	67.21	161.45	63.9	61.14	64.7484	2.378758	32.87284	22.13651	10.73633	33.06074	2
1611.655	1612.455	944.4547	67.27	122.01	65.93	68.78	58.97018	2.041574	38.98825	21.43634	17.5519	32.02053	2
1611.66	1612.46	944.4595	68.61	95.81	68.85	71.08	51.83278	2.578367	45.58885	16.30824	29.28062	31.91656	2
1611.665	1612.464	944.4643	64.89	116.2	64.9	65.18	52.1033	2.984439	44.91226	29.75283	15.15944	31.57246	2
1611.67	1612.469	944.4691	59.6	95.88	57.95	57.89	74.75254	0	25.24746	22.73804	2.50942	35.1032	2
1611.675	1612.474	944.4739	64.11	57	63.9	65.32	68.8523	0	31.1477	23.5875	7.560199	33.64339	2
1611.68	1612.479	944.4787	65.87	58.65	65.92	66.49	64.8188	0	35.1812	6.484638	28.69656	33.98736	2
1611.685	1612.483	944.4835	62.7	70.46	62.77	63.96	64.72218	0	35.27782	11.1707	24.10712	33.8031	2
1611.69	1612.488	944.4883	63.02	71.18	62.02	60.62	72.54604	0	27.45396	12.27757	15.17639	34.56199	2
1611.695	1612.493	944.4931	60.89	50.04	60	57.98	78.76902	0	21.23098	18.52671	2.704268	34.62727	2
1611.7	1612.498	944.4979	62.31	50.52	61.7	61	75.17646	0	24.82354	21.24586	3.577678	34.10132	2
1611.705	1612.503	944.5027	55.76	32.07	55.83	53.5	80.39736	0	19.60264	14.49415	5.108485	34.02431	2
1611.71	1612.507	944.5075	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1612.005	1612.79	944.7905	105.95	83.63	105.46	104.64	26.08504	17.58518	56.32978	38.04894	18.28084	31.98977	2
1612.01	1612.795	944.7953	102.4	61.5	102.24	101.73	32.149	15.34216	52.50884	25.53217	26.97668	32.27057	2
1612.015	1612.8	944.8001	97.84	46.55	97.8	96.45	39.0321	11.15059	49.81731	21.68327	28.13404	33.1274	2
1612.02	1612.805	944.8049	96.32	52.71	95.57	95.77	44.44228	6.449539	49.10818	29.009	20.09918	33.52762	2
1612.025	1612.81	944.8097	96.46	49.14	95.28	92.47	48.50992	3.946574	47.54351	21.51971	26.0238	34.75665	2
1612.03	1612.814	944.8145	95.98	49.96	95.3	94.56	44.87808	6.456647	48.66527	18.034	30.63127	33.75795	2
1612.035	1612.819	944.8193	96.2	47.88	95.33	93.51	46.65154	5.409184	47.93928	17.65317	30.28611	34.2501	2
1612.04	1612.824	944.8241	94.1	36.48	93.3	91.88	50.79984	3.965772	45.23439	25.84314	19.39125	34.82245	2
1612.045	1612.829	944.8289	94.27	43.76	93.45	89.94	49.03668	4.440053	46.52327	32.77233	13.75094	34.87113	2
1612.05	1612.834	944.8337	95.54	44.54	94.53	93.67	49.15202	4.125326	46.72265	17.74855	28.97411	34.46816	2
1612.055	1612.838	944.8385	96.12	59.27	94.9	93.82	46.68126	4.27352	49.04522	24.70211	24.34312	34.07664	2
1612.06	1612.843	944.8433	96.86	46.65	96.45	95.69	42.777	8.261618	48.96138	23.41953	25.54186	33.49602	2
1612.065	1612.848	944.8481	95.42	47.82	94.9	94.38	44.67116	6.847388	48.48145	15.50248	32.97897	33.66992	2
1612.07	1612.853	944.8529	96.14	43.96	95.91	95.04	42.69538	8.611308	48.69331	33.43497	15.25835	33.48854	2
1612.075	1612.858	944.8577	96.58	42.46	96.55	96.61	41.10358	9.954405	48.94201	27.44149	21.50052	33.11418	2
1612.08	1612.862	944.8625	97.42	40.09	97.51	97.88	39.97432	11.16124	48.86444	34.92327	13.94117	32.92096	2
1612.085	1612.867	944.8672	95.37	33.02	95.64	97.26	42.17626	10.06251	47.76123	20.00244	27.75878	32.9703	2
1612.09	1612.872	944.872	95.91	39.98	96.27	96	39.29764	11.47328	49.22908	22.38226	26.84682	32.94806	2
1612.095	1612.877	944.8768	96.86	46.85	97	95.73	38.4661	11.45599	50.07791	34.42061	15.6573	33.0337	2
1612.1	1612.882	944.8816	96.08	42.14	95.85	93.73	43.19102	8.447587	48.36139	33.83603	14.52536	33.79061	2
1612.105	1612.886	944.8864	100.78	58.51	100.59	99.89	34.59548	13.43652	51.968	34.73604	17.23196	32.5481	2
1612.11	1612.891	944.8912	104.54	69.27	103.26	101.27	36.97986	8.797386	54.22275	27.48567	26.73709	33.32682	2
1612.115	1612.896	944.896	106.74	186.4	102.92	100.57	26.2954	0	73.7046	43.22134	30.48326	29.23202	2
1612.12	1612.901	944.9008	104.64	216.75	102.34	99.18	9.1027	10.7996	80.0977	73.26992	6.827778	33.54401	2
1612.125	1612.906	944.9056	94.71	211.68	94.29	82.19	4.89524	18.01343	77.09133	68.09369	8.99764	-9999	2
1612.13	1612.91	944.9104	89.68	190.26	84.76	78.92	49.58148	0	50.41852	14.04265	36.37587	30.43574	2
1612.135	1612.915	944.9152	84.48	101.92	81.94	79.31	57.29876	0	42.70124	17.40892	25.29232	34.27929	2
1612.14	1612.92	944.92	83.87	50.33	82.64	81.26	60.19224	0	39.80776	12.79414	27.01362	35.56129	2
1612.145	1612.925	944.9248	83.33	38.05	82.73	82.14	58.7783	0.686415	40.53529	14.96305	25.57224	35.51005	2
1612.15	1612.93	944.9296	85.88	64.57	84.71	84.78	54.43196	1.474704	44.09334	20.87594	23.2174	34.36578	2
1612.155	1612.934	944.9344	85.71	40.96	85.08	85.26	56.11698	1.558981	42.32404	15.32333	27.00071	34.96925	2
1612.16	1612.939	944.9392	84.59	27.04	84.02	83.45	60.05102	0.432926	39.51605	22.30958	17.20648	36.00218	2
1612.165	1612.944	944.944	83.9	37.87	83.56	80.55	56.28246	1.624616	42.09292	18.45462	23.6383	35.53539	2
1612.17	1612.949	944.9488	80.88	40.37	80.55	78.62	58.37836	0.828468	40.79317	16.88767	23.9055	35.50403	2
1612.175	1612.954	944.9536	77.61	37.83	76.67	75.7	66.72894	0	33.27106	16.59641	16.67465	34.68658	2
1612.18	1612.958	944.9584	80.33	52.5	78.98	78.03	63.8539	0	36.1461	24.30741	11.83869	34.74259	2
1612.185	1612.963	944.9632	87.58	107.58	86.43	81.96	42.30454	4.900868	52.79459	32.00125	20.79334	33.16852	9
1612.19	1612.968	944.968	88.95	171	88.53	85.86	20.039	12.33348	67.62752	37.35142	30.2761	31.75707	9
1612.195	1612.973	944.9728	89.98	193.05	89.28	88.32	15.9253	13.16261	70.91209	41.82481	29.08728	31.53273	9
1612.2	1612.978	944.9776	90.3	155.73	89.51	84.77	25.35984	10.41098	64.22918	31.52118	32.70799	32.1881	9
1612.205	1612.982	944.9824	91.39	118.8	91.76	92.71	24.3041	13.44554	62.25036	40.04469	22.20568	31.51929	9
1612.21	1612.987	944.9872	93.26	166.25	91.44	92.96	28.0733	7.687841	64.23886	37.96074	26.27812	31.14719	9
1612.215	1612.992	944.992	99.04	100.23	99.34	102.29	22.30254	17.98591	59.71155	31.73308	27.97847	31.22808	9
1612.22	1612.997	944.9968	106.79	153.15	106.13	108.94	9.8059	21.55297	68.64113	47.02899	21.61214	31.74357	9
1612.225	1613.002	945.0016	113.22	194.97	112.45	121.57	0	30.26188	69.73812	69.73812	0	-9999	9
1612.23	1613.006	945.0064	117.75	156.24	118.16	120.45	0	53.38187	46.61813	46.61813	0	-9999	9
1612.235	1613.011	945.0112	121.11	130.55	121.72	126.51	0	64.96346	35.03654	35.03654	0	-9999	9
1612.24	1613.016	945.016	124.01	138.33	124.76	129.37	0	78.77632	21.22368	21.22368	0	-9999	9
1612.245	1613.021	945.0208	124.34	146.28	125.78	127.08	0	97.36884	2.631156	2.631156	0	-9999	9
1612.25	1613.026	945.0256	127.66	115.92	128.68	130.86	0	100	0	0	0	-9999	9
1612.255	1613.03	945.0303	133.15	92.47	133.79	134.29	0	100	0	0	0	-9999	9
1612.26	1613.035	945.0351	133.04	193.47	135.88	137.67	0	100	0	0	0	-9999	9
1612.265	1613.04	945.0399	126.52	292.49	131.84	135.47	0	100	0	0	0	-9999	9
1612.27	1613.045	945.0447	120.08	381.04	127.04	125.05	0	100	0	0	0	-9999	9
1612.275	1613.05	945.0495	111.75	411.54	108	94.87	0	10.44462	89.55538	89.55538	0	-9999	1
1612.28	1613.054	945.0543	104.6	256.42	100.33	96.18	14.80686	0	85.19314	56.09748	29.09566	32.59628	1
1612.285	1613.059	945.0591	96.91	138.57	94.92	93.65	32.73136	5.811458	61.45718	35.0923	26.36488	32.33707	1
1612.29	1613.064	945.0639	95.98	78.91	94.99	94.02	40.27468	6.75414	52.97118	29.88562	23.08556	33.09497	1
1612.295	1613.069	945.0687	94.07	86.99	93.37	95.1	37.82902	7.848741	54.32224	34.90993	19.41231	32.20729	1
1612.3	1613.074	945.0735	95.39	71.75	94.98	94.06	38.0552	9.026648	52.91815	26.74353	26.17462	32.84222	1

1612.305	1613.078	945.0783	96.89	58.55	97.08	95.87	35.2196	12.56417	52.21623	21.44558	30.77065	32.67571	1
1612.31	1613.083	945.0831	95.88	69.31	95.98	91.69	34.24238	11.9698	53.78782	27.00186	26.78596	33.1371	1
1612.315	1613.088	945.0879	95.1	41.32	95.38	94.89	40.33856	10.4645	49.19694	20.5701	28.62684	33.10241	1
1612.32	1613.093	945.0927	96.59	78.73	96.84	94.2	30.14704	14.02747	55.82549	39.47247	16.35302	32.54261	1
1612.325	1613.098	945.0975	95.17	92.17	95.82	96.61	25.10096	15.97816	58.92088	29.78255	29.13834	31.70364	1
1612.33	1613.102	945.1023	91.09	52.43	90.7	90.78	46.53164	5.451078	48.01728	17.60494	30.41234	33.61248	1
1612.335	1613.107	945.1071	86	44.23	85.78	85.2	51.88134	3.236758	44.8819	30.07472	14.80718	34.37333	1
1612.34	1613.112	945.1119	86.39	41.05	86.33	84.17	51.0521	3.732646	45.21525	20.20684	25.00841	34.59989	1
1612.345	1613.117	945.1167	80.63	55.79	79.02	75.83	64.79672	0	35.20328	11.13216	24.07112	34.83471	1
1612.35	1613.121	945.1215	79.68	37.51	78.8	78.33	64.43698	0	35.56302	8.963643	26.59938	34.98045	1
1612.355	1613.126	945.1263	81.55	61.76	79.94	77.62	62.50558	0	37.49442	20.21381	17.28061	34.89306	1
1612.36	1613.131	945.1311	78.92	45.88	77.39	75	68.14814	0	31.85186	18.70921	13.14265	34.5036	1
1612.365	1613.136	945.1359	81.85	72.26	80.29	79.35	59.30108	0.058717	40.6402	8.730305	31.9099	34.98207	1
1612.37	1613.141	945.1407	82.07	33.16	81.55	80.94	60.50088	0.199	39.30012	9.428451	29.87167	35.85423	1
1612.375	1613.145	945.1455	90.16	31.47	89.11	87.93	57.57456	0.934116	41.49132	21.78046	19.71086	35.88492	1
1612.38	1613.15	945.1503	91.39	23.12	90.9	91.2	54.12366	3.189176	42.68716	25.44079	17.24637	35.07825	1
1612.385	1613.155	945.1551	86.12	27.41	85.55	84.61	58.55388	0.98323	40.46289	12.95142	27.51147	35.8487	1
1612.39	1613.16	945.1599	89.82	73.82	87.74	86.02	55.62116	0	44.37884	14.29116	30.08768	34.79004	1
1612.395	1613.165	945.1647	96.35	140.43	93.12	86.77	42.40644	0	57.59356	28.5456	29.04796	33.58388	1
1612.4	1613.169	945.1695	101.6	190.96	98.2	92.8	26.66568	1.430634	71.90369	48.84016	23.06353	33.33377	9
1612.405	1613.174	945.1743	105.41	218.66	104.7	94.13	0	24.26237	75.73763	75.73763	0	-9999	9
1612.41	1613.179	945.1791	111.34	274.23	110.39	112.13	0	31.28915	68.71085	68.71085	0	-9999	9
1612.415	1613.184	945.1839	119.45	163.51	121.19	127.78	0	83.67042	16.32958	16.32958	0	-9999	9
1612.42	1613.189	945.1886	126.88	95.3	128.11	130.33	0	100	0	0	0	-9999	9
1612.425	1613.193	945.1934	129.96	90.49	131.06	132.33	0	100	0	0	0	-9999	9
1612.43	1613.198	945.1982	131.84	88.1	132.72	133.98	0	100	0	0	0	-9999	9
1612.435	1613.203	945.203	131.35	114.01	132.81	135.66	0	100	0	0	0	-9999	9
1612.44	1613.208	945.2078	131.82	111.89	133.04	134.39	0	100	0	0	0	-9999	9
1612.445	1613.213	945.2126	126.13	99.02	126.76	127.09	0	81.65723	18.34277	18.34277	0	-9999	9
1612.45	1613.217	945.2174	128.4	98.81	129.37	131	0	100	0	0	0	-9999	9
1612.455	1613.222	945.2222	124.6	159.77	126.57	132.68	0	100	0	0	0	-9999	9
1612.46	1613.227	945.227	119.92	196.84	122.35	128.39	0	100	0	0	0	-9999	9
1612.465	1613.232	945.2318	117.9	172.69	119.7	123.09	0	79.36985	20.63015	20.63015	0	-9999	9
1612.47	1613.237	945.2366	110.66	170.96	110.63	111.41	0	34.0458	65.9542	65.9542	0	-9999	9
1612.475	1613.241	945.2414	106.91	179.06	106.82	112.18	0	28.80123	71.19877	71.19877	0	-9999	9
1612.48	1613.246	945.2462	99.38	225.44	98.54	97.54	0.52392	19.33825	80.13783	80.13783	0	-9999	9
1612.485	1613.251	945.251	91.62	281.21	85.41	78.77	35.78428	0	64.21572	18.41261	45.80311	29.89714	9
1612.49	1613.256	945.2558	84.21	201.67	78.6	74.92	57.20016	0	42.79984	13.47969	29.32015	31.19017	9
1612.495	1613.261	945.2606	84.51	152.61	81.66	76.22	47.40668	2.306523	50.2868	27.4078	22.879	32.89335	1
1612.5	1613.265	945.2654	86.64	62.71	86.26	86.45	48.06038	4.201934	47.73769	20.49053	27.24715	33.47259	1
1612.505	1613.27	945.2702	86.88	65.02	86.11	83.39	50.30306	3.114469	46.58247	13.88154	32.70093	34.29657	1
1612.51	1613.275	945.275	84.38	52.97	84.71	85.31	46.99416	4.905277	48.10056	21.82746	26.2731	33.3074	1
1612.515	1613.28	945.2798	83.42	69.93	82.61	78.94	52.60804	2.263116	45.12884	18.55973	26.56912	34.52136	1
1612.52	1613.285	945.2846	87	54.6	85.77	81.59	56.2793	0.895462	42.82524	23.65684	19.1684	35.6907	1
1612.525	1613.289	945.2894	86.12	35.62	85.33	84.15	58.27206	0.81373	40.91421	14.61093	26.30328	35.72104	1
1612.53	1613.294	945.2942	86.16	63.28	85.6	81.88	49.75904	3.451886	46.78907	25.87273	20.91635	34.3875	1
1612.535	1613.299	945.299	81.29	60.69	80.05	76.33	60.13622	0	39.86378	11.49205	28.37173	35.80124	1
1612.54	1613.304	945.3038	83	23.73	82.3	81.48	63.32234	0	36.67766	15.36177	21.31589	35.77673	1
1612.545	1613.309	945.3086	90.83	25.49	90.26	89.67	54.68532	2.747751	42.56693	17.90063	24.6663	35.30035	1
1612.55	1613.313	945.3134	97.03	46.53	96.8	93.5	41.25464	9.405653	49.33971	30.66507	18.67464	33.75582	1
1612.555	1613.318	945.3182	98.71	57.2	97.85	95.65	42.0094	7.460305	50.5303	29.08792	21.44237	33.71885	1
1612.56	1613.323	945.323	97.03	97.76	95.73	96	37.14948	6.815617	56.0349	30.8406	25.1943	32.53959	1
1612.565	1613.328	945.3278	95.76	94.8	95.2	92.78	33.2992	10.0032	56.6976	37.22714	19.47046	32.65097	1
1612.57	1613.333	945.3326	91.66	78.6	90.02	85.65	49.3616	2.169232	48.46917	27.73363	20.73554	34.63627	1
1612.575	1613.337	945.3374	89.64	48.13	88.53	86.24	54.48624	1.653206	43.86055	15.35547	28.50508	35.27631	1
1612.58	1613.342	945.3422	87.09	33.08	86.19	85.2	58.84684	0.584099	40.56906	23.66073	16.90833	35.89408	1
1612.585	1613.347	945.3469	88.18	35.39	87.14	85.26	58.37002	0.592638	41.03734	19.69922	21.33812	36.00132	1
1612.59	1613.352	945.3517	87.37	35.17	86.61	85.49	56.99846	1.301274	41.70027	18.15641	23.54386	35.54384	1
1612.595	1613.357	945.3565	91.27	51.16	90.97	90.89	45.97588	5.844428	48.17969	19.96444	28.21526	33.58303	1
1612.6	1613.361	945.3613	93.08	40.55	93.22	92.41	43.4683	8.224757	48.30694	18.57857	29.72837	33.51973	1
1612.605	1613.366	945.3661	97.9	31.41	97.71	96.75	43.80328	9.262033	46.93469	27.91737	19.01732	33.71327	1
1612.61	1613.371	945.3709	99.95	31.64	99.71	99.8	42.24912	10.5758	47.17508	15.54809	31.62698	33.30913	1
1612.615	1613.376	945.3757	100.47	45.71	100.93	99.67	32.94078	16.86765	50.19157	32.67711	17.51446	32.39006	1
1612.62	1613.381	945.3805	100.22	56.83	100.41	95.02	32.57224	15.45756	51.9702	25.18684	26.78335	33.18324	1
1612.625	1613.385	945.3853	96.68	67.11	96.47	93.71	36.44128	10.66148	52.89724	20.86496	32.03228	33.0673	1
1612.63	1613.39	945.3901	91.46	44.43	90.94	89.38	49.13474	4.531344	46.33392	26.83397	19.49994	34.37903	8
1612.635	1613.395	945.3949	93.03	107.29	90.98	89.57	44.33572	2.65318	53.0111	34.70842	18.30268	33.25781	8
1612.64	1613.4	945.3997	100.46	114	99.33	98.24	28.7463	10.56422	60.68948	27.37622	33.31326	32.33049	8
1612.645	1613.405	945.4045	104.42	108.35	104.42	102.08	17.7129	21.89817	60.38893	41.41623	18.9727	32.08974	8
1612.65	1613.409	945.4093	103.26	210.85	101.86	97.31	4.8251	16.70273	78.47217	78.47217	0	-9999	8
1612.655	1613.414	945.4141	96.83	282.09	90.71	84.47	30.08062	0	69.91938	25.2607	44.65868	26.45835	8
1612.66	1613.419	945.4189	85.75	99.61	83.01	81.16	58.23938	0	41.76062	13.74669	28.01393	33.51932	8
1612.665	1613.424	945.4237	84.39	96.96	82.66	81.22	52.30438	1.668045	46.02757	12.81622	33.21135	33.69264	8

1612.67	1613.428	945.4285	84.26	115.03	81.36	78.8	57.11854	0	42.88146	9.182794	33.69867	33.84674	1
1612.675	1613.433	945.4333	87.66	64.6	86.1	84.25	55.8096	0.614026	43.57637	14.20237	29.374	35.08678	1
1612.68	1613.438	945.4381	87.86	56.89	87.02	86.12	51.91142	2.653833	45.43475	30.97467	14.46008	34.36566	1
1612.685	1613.443	945.4429	86.66	52.99	85.13	82.89	59.30672	0	40.69328	23.39655	17.29673	35.52206	1
1612.69	1613.448	945.4477	89.45	79.2	88.09	86.3	49.0796	2.74512	48.17528	30.36876	17.80652	33.94008	1
1612.695	1613.452	945.4525	92.74	34.45	92.3	92.14	49.7523	4.857794	45.38991	25.59395	19.79596	34.35294	1
1612.7	1613.457	945.4573	96.19	49.83	96	95.72	40.91884	9.264556	49.8166	31.59964	18.21696	33.12878	1
1612.705	1613.462	945.4621	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1613.02	1613.766	945.7657	133.36	30.77	131.67	130.5	22.95996	31.5422	45.49784	27.90487	17.59297	28.61219	-9999
1613.025	1613.771	945.7708	128.76	48.24	129.28	128.73	5.83672	86.64201	7.521268	0	7.521268	-9999	-9999
1613.03	1613.776	945.776	118.29	77.12	116.74	114.61	24.52266	17.0359	58.44144	25.47341	32.96803	32.23211	-9999
1613.035	1613.781	945.7811	116.83	65.15	116.93	116.04	15.9751	39.98594	44.03896	30.97704	13.06192	29.61493	-9999
1613.04	1613.786	945.7862	115.37	49.87	115.92	119.57	17.52856	42.60518	39.86626	21.40912	18.45714	28.46407	-9999
1613.045	1613.791	945.7914	119.46	74.53	120.66	120.11	2.76054	67.22894	30.01052	30.01052	0	-9999	-9999
1613.05	1613.797	945.7965	117.02	103.82	117.56	121.04	3.03216	50.14535	46.82249	46.82249	0	-9999	-9999
1613.055	1613.802	945.8017	109.59	75.27	109.18	110.94	24.13936	21.86191	53.99873	27.82982	26.16891	31.12007	-9999
1613.06	1613.807	945.8068	116.83	129.4	118.55	119.26	0	71.12301	28.87699	28.87699	0	-9999	-9999
1613.065	1613.812	945.812	118.39	137.25	121.18	122.92	0	97.82843	2.171567	2.171567	0	-9999	-9999
1613.07	1613.817	945.8171	113.56	139.3	114.76	110.43	0	53.6675	46.3325	46.3325	0	-9999	-9999
1613.075	1613.822	945.8223	102.83	78.63	102.78	104.95	26.75544	17.77422	55.47034	27.55488	27.91545	31.41651	-9999
1613.08	1613.827	945.8274	99.88	78.21	98.72	96.34	38.17358	7.645877	54.18054	19.73563	34.44491	33.3254	-9999
1613.085	1613.833	945.8326	95.47	102.9	93.36	90.98	43.6183	2.505761	53.87594	28.06036	25.81557	33.6113	-9999
1613.09	1613.838	945.8377	99.51	128.8	97.62	96.3	31.9287	6.374158	61.69714	40.5702	21.12694	32.54772	-9999
1613.095	1613.843	945.8428	98.31	86.53	97.41	97.37	35.58954	8.97077	55.43969	31.85626	23.58343	32.52695	-9999
1613.1	1613.848	945.848	99.51	103.63	99.02	97.36	27.16984	13.44562	59.38454	30.67977	28.70477	32.26533	-9999
1613.105	1613.853	945.8531	102.2	77.27	102.34	100.69	26.19166	18.49584	55.3125	30.7371	24.5754	32.07225	-9999
1613.11	1613.858	945.8583	109.85	65.6	109.42	108.92	26.3953	21.31512	52.28958	38.26661	14.02297	31.58679	-9999
1613.115	1613.863	945.8634	104.59	63.51	104.19	105.29	31.50778	15.6705	52.82172	23.63271	29.189	31.92409	-9999
1613.12	1613.869	945.8686	101.29	56.29	101	100.87	35.43852	13.02039	51.54109	34.23327	17.30782	32.52757	-9999
1613.125	1613.874	945.8737	101.6	71.56	102.13	98.71	25.10298	20.40817	54.48885	40.16111	14.32774	32.28979	-9999
1613.13	1613.879	945.8789	100.78	57.45	101.09	101.43	30.977	16.91724	52.10576	22.24805	29.85771	31.96422	-9999
1613.135	1613.884	945.884	98.93	68.65	99.4	100.06	28.7286	16.86791	54.40349	27.18394	27.21954	31.81257	-9999
1613.14	1613.889	945.8892	98.22	103.37	98.04	96.47	26.01706	14.4253	59.55764	39.33023	20.22741	32.16603	-9999
1613.145	1613.894	945.8943	94.4	53.99	93.79	91.91	44.81392	6.235664	48.95042	30.73161	18.21881	33.86314	-9999
1613.15	1613.899	945.8994	92.42	56.53	92.7	89.6	39.12334	9.525324	51.35134	28.66051	22.69082	33.34193	-9999
1613.155	1613.905	945.9046	94.59	50.68	94.84	93.81	38.77514	10.54362	50.68124	17.23754	33.4437	32.98502	-9999
1613.16	1613.91	945.9097	95.85	43.67	95.8	96.1	41.63736	9.384793	48.97785	31.08378	17.89407	33.11553	-9999
1613.165	1613.915	945.9149	95.22	67.83	95.13	96.11	36.68024	10.3541	52.96566	30.93399	22.03166	32.35955	-9999
1613.17	1613.92	945.92	95.04	69.04	95	99.09	36.16552	10.57729	53.25719	29.58826	23.66893	31.73099	-9999
1613.175	1613.925	945.9252	91.73	62.22	91.8	89.71	40.00866	8.490096	51.50124	28.25795	23.24329	33.18582	-9999
1613.18	1613.93	945.9303	90.48	75.25	89.35	86.28	47.3054	3.678487	49.01611	28.69565	20.32046	34.04057	-9999
1613.185	1613.935	945.9355	89.28	44.91	89.22	88.73	47.45918	5.386409	47.15441	17.05469	30.09972	33.83856	-9999
1613.19	1613.941	945.9406	91.3	30.57	91.32	90.91	48.45106	5.871341	45.6776	18.75793	26.91967	34.16601	-9999
1613.195	1613.946	945.9458	94.36	32.71	94.24	93.45	46.20298	7.250368	46.54665	15.47225	31.0744	33.96426	-9999
1613.2	1613.951	945.9509	99.33	61.79	99.6	97.33	31.57072	15.47146	52.95782	23.23284	29.72498	32.53879	-9999
1613.205	1613.956	945.956	104.11	81.25	104.46	103.02	21.8438	22.67553	55.48067	42.68174	12.79893	31.74735	-9999
1613.21	1613.961	945.9612	103.59	80.38	103.62	101.24	25.01274	19.33685	55.65041	39.11019	16.54022	32.13458	-9999
1613.215	1613.966	945.9663	100.85	106.5	100.3	96.61	25.7075	14.22517	60.06733	30.4294	29.63793	32.61385	-9999
1613.22	1613.971	945.9715	101.26	89.66	100.87	98.63	28.16558	14.53376	57.30066	41.02231	16.27835	32.41307	-9999
1613.225	1613.977	945.9766	103.57	83.36	103.26	101.76	26.94498	16.76662	56.2884	32.53043	23.75797	32.15858	-9999
1613.23	1613.982	945.9818	103.09	69.87	102.58	101.1	32.20116	13.84435	53.95449	27.43248	26.52201	32.53061	-9999
1613.235	1613.987	945.9869	100.16	91.47	98.24	93.67	40.59706	3.85473	55.54821	36.42867	19.11954	34.09651	-9999
1613.24	1613.992	945.9921	101.24	100.93	99.9	97.89	32.81914	8.683353	58.49751	36.53163	21.96588	32.82442	-9999
1613.245	1613.997	945.9972	98.62	106.39	97.27	94.29	33.98572	7.780527	58.23375	33.63523	24.59853	32.94019	-9999
1613.25	1614.002	946.0024	99.64	158.6	96.06	94.73	37.695	0	62.305	36.78631	25.51869	31.06292	-9999
1613.255	1614.008	946.0075	96.52	126.04	94.24	93.06	38.36992	3.387629	58.24245	24.33894	33.90351	32.78075	-9999
1613.26	1614.013	946.0126	94.88	78.07	95.09	94.66	32.18996	12.39994	55.4101	25.65327	29.75683	32.23562	-9999
1613.265	1614.018	946.0178	100	83.48	100.04	99.96	27.48784	16.01406	56.4981	23.9044	32.59369	31.922	-9999
1613.27	1614.023	946.0229	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1613.33	1614.085	946.0847	91.91	34.39	92.17	92.7	45.10542	7.593548	47.30103	22.4054	24.89564	33.49738	-9999
1613.335	1614.09	946.0898	81.68	22.11	81.25	80.16	62.83628	0	37.16372	9.817029	27.34669	35.99714	-9999
1613.34	1614.095	946.095	85.09	32.76	84.41	83.79	59.05928	0.641682	40.29904	17.231	23.06804	35.74555	-9999
1613.345	1614.1	946.1001	85.72	36.68	85.28	84.95	55.67104	1.890552	42.43841	13.95341	28.485	35.03561	-9999
1613.35	1614.105	946.1053	95.47	40.89	94.87	93.79	46.92222	5.986178	47.0916	25.25644	21.83516	34.13435	-9999
1613.355	1614.11	946.1104	97.78	39.03	97.66	96.26	41.52714	10.10926	48.3636	26.02611	22.33749	33.45127	-9999
1613.36	1614.116	946.1156	89.91	35.03	89.37	90	52.99054	3.105877	43.90358	13.18882	30.71476	34.61999	-9999
1613.365	1614.121	946.1207	84.94	44.67	85.15	82.53	49.41756	4.219736	46.3627	22.92501	23.4377	34.33761	-9999
1613.37	1614.126	946.1258	89.37	40.06	89.13	88.45	49.94508	4.390459	45.66446	16.74105	28.92341	34.28583	-9999
1613.375	1614.131	946.131	88.75	38.07	88.41	85.89	51.77206	3.577904	44.65004	22.68294	21.96709	34.90851	-9999
1613.38	1614.136	946.1361	104.35	41.28	104.55	104.94	32.45824	18.99399	48.54777	34.02697	14.5208	31.87923	-9999
1613.385	1614.141	946.1413	104.08	33.89	103.71	103.14	38.91252	13.42896	47.65852	17.88256	29.77596	32.94372	-9999
1613.39	1614.146	946.1464	109.76	21.57	109.79	110	33.56836	23.28547	43.14617	12.85642	30.28975	31.49639	-9999
1613.395	1614.152	946.1516	108.23	46.82	108.25	107.28	28.94296	22.69006	48.36698	18.20982	30.15716	31.61575	-9999

1613.4	1614.157	946.1567	102.56	51.97	102.56	101.73	33.06806	16.08686	50.84508	29.11859	21.72648	32.33619	-9999
1613.405	1614.162	946.1619	102.61	42.38	102.58	102.81	35.57534	15.25837	49.16629	35.52127	13.64502	32.37135	-9999
1613.41	1614.167	946.167	101.59	55.04	101.57	102.12	33.37252	15.17239	51.45509	37.07786	14.37723	32.14723	-9999
1613.415	1614.172	946.1722	100.53	65.94	99.38	99.02	40.46742	7.226131	52.30645	22.14919	30.15726	33.26398	-9999
1613.42	1614.177	946.1773	97.34	63.37	95.67	92.76	48.05416	2.573911	49.37193	20.08088	29.29105	34.71071	-9999
1613.425	1614.182	946.1824	96.75	77.54	94.8	93.09	47.33782	1.866303	50.79588	32.06208	18.73379	34.2724	-9999
1613.43	1614.188	946.1876	93.71	67.6	92.37	91.94	47.8126	3.336774	48.85063	19.87844	28.97218	33.91231	-9999
1613.435	1614.193	946.1927	90.37	52.75	90.31	90.5	44.5591	6.495617	48.94528	24.70861	24.23667	33.29814	-9999
1613.44	1614.198	946.1979	88.41	58.73	87.81	85.21	49.10014	3.851479	47.04838	15.40679	31.64159	34.26074	-9999
1613.445	1614.203	946.203	89.03	72.15	88.21	85.1	46.9871	4.169901	48.843	34.25034	14.59266	33.94703	-9999
1613.45	1614.208	946.2082	87.34	74.05	85.79	84.54	53.7396	1.217852	45.04255	22.91819	22.12436	34.45667	-9999
1613.455	1614.213	946.2133	86.21	39.02	85.06	83.26	60.15646	0	39.84354	7.309191	32.53435	36.02464	-9999
1613.46	1614.218	946.2185	87.67	19.73	87.1	86.18	58.98644	1.039628	39.97393	22.77057	17.20336	36.1089	-9999
1613.465	1614.224	946.2236	90.58	31.86	89.85	89.82	54.61378	2.406811	42.97941	18.81737	24.16204	35.10191	-9999
1613.47	1614.229	946.2288	86.7	28.38	86.09	84.81	58.09554	1.122533	40.78193	19.06806	21.71386	35.83046	-9999
1613.475	1614.234	946.2339	87.69	41.34	87.02	83.96	54.51342	2.149141	43.33744	12.48115	30.85629	35.37794	-9999
1613.48	1614.239	946.239	88.13	56.41	87.97	85.73	46.50918	5.209808	48.28101	17.73636	30.54466	33.86336	-9999
1613.485	1614.244	946.2442	89.12	35.03	89.43	90.14	47.12984	6.109146	46.76101	26.96259	19.79843	33.66682	-9999
1613.49	1614.249	946.2493	93.59	25.46	94.04	95.2	44.24838	9.110023	46.6416	28.15619	18.48541	33.3382	-9999
1613.495	1614.254	946.2545	97.08	20.12	97.37	98.59	43.56986	10.72449	45.70565	25.4409	20.26474	33.25405	-9999
1613.5	1614.26	946.2596	96.08	32.15	96.76	97.3	38.5561	12.92707	48.51683	34.48229	14.03454	32.70886	-9999
1613.505	1614.265	946.2648	93.27	68.68	94.65	92.26	26.87604	16.52043	56.60353	24.23147	32.37207	32.42035	-9999
1613.51	1614.27	946.2699	88.51	66.76	87.08	84.67	53.49738	1.407159	45.09546	31.39448	13.70098	34.81594	-9999
1613.515	1614.275	946.2751	89.91	62.45	90.64	92.55	36.5124	10.20629	53.28131	35.92196	17.35935	32.12205	-9999
1613.52	1614.28	946.2802	88.72	81.3	86.5	81.36	55.908	0	44.092	12.5774	31.5146	35.08361	-9999
1613.525	1614.285	946.2854	88.04	41.46	86.98	85.78	57.18488	0.887998	41.92712	13.28517	28.64196	35.54725	-9999
1613.53	1614.291	946.2905	86.68	53.23	85.36	83.92	57.60274	0.424761	41.9725	18.60805	23.36445	35.41954	-9999
1613.535	1614.296	946.2956	85.61	65.01	83.94	81.08	58.44888	0	41.55112	21.20968	20.34144	35.43552	-9999
1613.54	1614.301	946.3008	83.23	36.68	82.72	82.86	58.50434	0.821248	40.67441	20.4296	20.24481	35.32824	-9999
1613.545	1614.306	946.3059	84.81	33.67	84.4	86.26	57.00416	1.451182	41.54466	26.52187	15.02279	34.86578	-9999
1613.55	1614.311	946.3111	89.16	53.58	89.17	90.28	44.92894	6.186673	48.88439	30.04187	18.84252	33.12239	-9999
1613.555	1614.316	946.3162	92.2	61.49	91.78	87.98	43.55042	6.492706	49.95687	25.52286	24.43401	33.90654	-9999
1613.56	1614.321	946.3214	86.62	62.84	84.89	80.32	58.50982	0	41.49018	17.69542	23.79476	35.65979	-9999
1613.565	1614.327	946.3265	87.97	28.33	87.85	87.61	53.14174	3.387769	43.47049	25.81886	17.65163	34.79242	-9999
1613.57	1614.332	946.3317	91.22	27.6	91.25	90.67	49.1659	5.667701	45.1664	16.3667	28.7997	34.32673	-9999
1613.575	1614.337	946.3368	94.09	46.56	94.17	96.41	41.54968	9.023211	49.42711	31.1955	18.23161	32.69891	-9999
1613.58	1614.342	946.342	89.92	49.44	89.75	89.33	46.62662	5.578815	47.79457	17.83922	29.95534	33.68775	-9999
1613.585	1614.347	946.3471	85.69	63.04	83.65	81.55	61.71952	0	38.28048	19.56067	18.71981	34.27027	-9999
1613.59	1614.352	946.3522	80.06	20.21	79.12	79.02	68.73898	0	31.26102	21.94307	9.317952	34.55259	-9999
1613.595	1614.357	946.3574	78.64	31.13	77.28	76.72	70.65774	0	29.34226	21.87276	7.469498	34.12708	-9999
1613.6	1614.363	946.3625	84.08	59.42	82.31	79.8	61.98426	0	38.01574	26.11096	11.90478	34.77186	9
1613.605	1614.368	946.3677	96.4	67.41	97.2	97.8	28.79878	16.31818	54.88304	25.07375	29.80929	31.86608	9
1613.61	1614.373	946.3728	97.13	74.22	97.42	99	30.43166	14.41971	55.14863	23.34927	31.79936	31.772	9
1613.615	1614.378	946.378	95.47	53.59	95.87	95.78	36.09882	12.24837	51.65281	29.02019	22.63262	32.54056	9
1613.62	1614.383	946.3831	93.2	44.78	93.36	94.47	42.17924	8.689155	49.13161	20.18494	28.94667	32.97475	9
1613.625	1614.388	946.3883	95.89	60.87	96.04	97.74	35.88816	11.68682	52.42502	19.64698	32.77803	32.17857	9
1613.63	1614.393	946.3934	99.21	71.12	99.27	102.18	31.05076	14.59923	54.35001	39.48565	14.86436	31.56896	9
1613.635	1614.399	946.3986	98.36	75.64	97.99	96.73	34.07142	11.4859	54.44268	27.7822	26.66047	32.59689	9
1613.64	1614.404	946.4037	99.23	64.69	99.37	99.78	31.96842	14.71003	53.32155	19.61717	33.70438	32.08576	9
1613.645	1614.409	946.4088	97.72	67.85	97.76	96.59	33.3679	12.97883	53.65327	31.25493	22.39833	32.49859	9
1613.65	1614.414	946.414	72.71	24.4	71.59	70.13	75.882	0	24.118	18.91238	5.205616	34.19387	9
1613.655	1614.419	946.4191	74.42	32.89	73.38	72.17	71.63422	0	28.36578	13.37298	14.9928	34.27774	2
1613.66	1614.424	946.4243	82.74	46.45	82.47	81.71	54.7308	2.003598	43.2656	21.84681	21.41879	34.64789	2
1613.665	1614.429	946.4294	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1613.685	1614.45	946.45	92.02	6.82	92.13	93	52.83866	5.113764	42.04758	23.68319	18.36439	34.87037	2
1613.69	1614.455	946.4552	91.69	27.56	90.75	90.63	56.26068	1.682161	42.05716	27.24454	14.81261	35.54192	2
1613.695	1614.46	946.4603	90.23	21.67	89.75	89.49	55.46426	2.589524	41.94622	29.25622	12.68999	35.38704	2
1613.7	1614.465	946.4655	90.64	31.01	90.52	89.73	50.03678	4.921971	45.04125	23.54847	21.49278	34.45455	2
1613.705	1614.471	946.4706	95.55	45.2	95.56	95.67	41.0781	9.599995	49.3219	33.8819	15.44	33.06518	2
1613.71	1614.476	946.4757	91.19	47.91	90.51	90.51	49.78098	3.957542	46.26148	29.47874	16.78274	34.13917	2
1613.715	1614.481	946.4809	92.19	26.53	91.96	92.06	50.54744	4.989506	44.46305	29.7355	14.72755	34.46547	2
1613.72	1614.486	946.486	89.66	62.38	88.57	84.98	50.86434	2.698384	46.43728	26.19718	20.24009	34.73631	2
1613.725	1614.491	946.4912	88.56	65.64	87.64	88.45	49.76992	3.192821	47.03726	15.48755	31.5497	33.65077	2
1613.73	1614.496	946.4963	87.31	88.23	84.98	84.31	56.38064	0	43.61936	27.62828	15.99108	34.06336	2
1613.735	1614.501	946.5015	79.93	44.94	78.97	78.28	63.02892	0	36.97108	21.10798	15.8631	35.09408	2
1613.74	1614.507	946.5066	78.77	63.65	76.07	74.09	73.0533	0	26.9467	8.200073	18.74663	33.48623	2
1613.745	1614.512	946.5118	77.84	53.03	77.24	72.55	60.20394	0.228941	39.56712	19.10502	20.4621	35.91289	2
1613.75	1614.517	946.5169	74.53	30.85	72.9	71	76.5992	0	23.4008	9.355406	14.04539	34.17695	2
1613.755	1614.522	946.5221	76.95	23.55	76.12	75.02	69.9394	0	30.0606	6.089394	23.97121	34.51143	2
1613.76	1614.527	946.5272	83.23	51.91	82.45	83.17	56.91118	1.079274	42.00955	23.81896	18.19058	34.67971	2
1613.765	1614.532	946.5323	81.7	48.64	81.55	81.51	54.22762	2.12739	43.64499	30.92043	12.72456	34.34403	2
1613.77	1614.537	946.5375	77.82	56.13	76.61	72.71	64.19964	0	35.80036	10.1264	25.67396	35.27609	2
1613.775	1614.543	946.5426	76.84	56.06	75.57	71.17	65.58318	0	34.41682	21.65895	12.75787	35.1987	2

1613.78	1614.548	946.5478	79.55	57.85	78.89	78.84	57.9293	0.826847	41.24385	23.14096	18.1029	34.66339	2
1613.785	1614.553	946.5529	82.93	46.86	82.47	81.26	55.92928	1.555525	42.5152	21.23414	21.28106	34.93158	2
1613.79	1614.558	946.5581	82.09	54	81.15	80.83	58.6942	0.485038	40.82076	25.53193	15.28883	35.08397	2
1613.795	1614.563	946.5632	78.48	56.13	77.44	75.1	62.27494	0	37.72506	11.98332	25.74174	35.31377	2
1613.8	1614.568	946.5684	78.63	85.36	77.6	71.84	54.98578	1.632447	43.38177	20.70282	22.67895	34.64996	2
1613.805	1614.574	946.5735	75.39	67.67	73.39	70.15	69.76506	0	30.23494	22.57973	7.655207	34.51448	2
1613.81	1614.579	946.5787	72.52	42.06	71.07	69.35	74.34058	0	25.65942	19.34522	6.314203	34.27656	2
1613.815	1614.584	946.5838	71.71	51.74	69.87	68.24	75.76572	0	24.23428	21.9044	2.32988	34.32118	2
1613.82	1614.589	946.5889	71.51	26.75	70.65	69.44	74.4023	0	25.5977	21.4811	4.116603	34.16246	2
1613.825	1614.594	946.5941	73.99	52.14	72.58	68.43	70.23882	0	29.76118	14.5684	15.19278	34.82827	2
1613.83	1614.599	946.5992	79.68	69.47	78.41	73.61	59.72516	0.209674	40.06517	26.71668	13.34849	35.64782	2
1613.835	1614.604	946.6044	85.87	47.03	85.45	85.45	52.87334	2.710784	44.41588	17.99374	26.42213	34.3625	2
1613.84	1614.61	946.6095	90.97	44.09	90.65	91.02	48.11782	5.127091	46.75509	29.25022	17.50487	33.83991	2
1613.845	1614.615	946.6147	87.23	66.38	86.75	86.61	47.40444	4.336159	48.2594	23.69735	24.56205	33.42011	2
1613.85	1614.62	946.6198	82.19	61.72	81.05	75.85	58.28396	0.499521	41.21652	9.857038	31.35948	35.78143	2
1613.855	1614.625	946.625	79.32	36.52	78.27	77.04	66.32526	0	33.67474	18.54379	15.13095	34.77706	2
1613.86	1614.63	946.6301	76.76	8.06	76.58	75.86	68.82528	0	31.17472	13.87501	17.29971	34.84286	2
1613.865	1614.635	946.6353	78.5	32.43	77.75	77.94	65.74444	0	34.25556	17.84628	16.40928	34.72892	2
1613.87	1614.64	946.6404	83.91	47.11	82.53	80.32	62.09718	0	37.90282	17.59128	20.31154	35.26397	2
1613.875	1614.646	946.6455	85.46	42.31	84.73	83.14	56.79528	1.247443	41.95728	29.38263	12.57465	35.37007	2
1613.88	1614.651	946.6507	87.64	59.98	86.1	84.84	56.79104	0.365886	42.84307	11.09569	31.74738	35.20904	2
1613.885	1614.656	946.6558	87.15	51.38	86.08	85.26	55.68054	1.258586	43.06087	14.97708	28.08379	35.00406	2
1613.89	1614.661	946.661	81.06	27.37	80.57	80.06	62.59876	0	37.40124	24.46697	12.93427	35.72662	2
1613.895	1614.666	946.6661	79.83	31.53	78.52	77.2	69.07864	0	30.92136	17.77159	13.14977	34.41333	2
1613.9	1614.671	946.6713	80.02	44.78	78.1	77.2	70.42484	0	29.57516	10.64747	18.92769	33.76367	2
1613.905	1614.676	946.6764	85.25	43.77	84.35	82.71	57.95266	0.747437	41.2999	10.57723	30.72268	35.55992	2
1613.91	1614.682	946.6816	87.89	26.45	87.98	88.67	52.0428	4.00326	43.95394	15.36856	28.58538	34.45436	2
1613.915	1614.687	946.6867	83.25	27.47	83.06	84.38	58.23476	1.133003	40.63224	12.01551	28.61673	35.20629	2
1613.92	1614.692	946.6919	80.07	23.2	79.14	78.87	67.9287	0	32.0713	22.95052	9.12078	34.64334	2
1613.925	1614.697	946.697	83.09	44.71	82.02	81.5	61.02988	0	38.97012	23.46806	15.50206	35.44445	2
1613.93	1614.702	946.7021	78.56	31.18	77.55	77.59	68.00674	0	31.99326	12.01791	19.97535	34.40462	2
1613.935	1614.707	946.7073	78.84	26.71	78.47	79.37	63.87088	0	36.12912	18.08538	18.04374	35.10325	2
1613.94	1614.712	946.7124	83.93	34.64	83.54	85.78	57.42402	1.267449	41.30853	12.11283	29.1957	34.8076	2
1613.945	1614.718	946.7176	83.68	33.96	83.63	85.08	55.18358	2.148469	42.66795	20.31287	22.35509	34.55818	2
1613.95	1614.723	946.7227	84.8	40.97	84.4	84.08	55.16926	1.971564	42.85918	18.73582	24.12336	34.83057	2
1613.955	1614.728	946.7279	83.59	28.8	83.16	82.69	59.4601	0.63893	39.90097	14.82518	25.07579	35.76757	2
1613.96	1614.733	946.733	80.71	51.44	79.3	77.61	64.22582	0	35.77418	17.08333	18.69085	34.7834	2
1613.965	1614.738	946.7382	76.9	42.21	75.55	74.1	69.49968	0	30.50032	14.04837	16.45195	34.34323	2
1613.97	1614.743	946.7433	77.28	25.8	76.52	74.83	68.5488	0	31.4512	5.345947	26.10525	34.76105	2
1613.975	1614.748	946.7485	80.47	53.84	79.24	75.21	62.47082	0	37.52918	25.11324	12.41594	35.55072	2
1613.98	1614.754	946.7536	78.75	49.32	77.58	74.04	64.68206	0	35.31794	21.5303	13.78764	35.2199	2
1613.985	1614.759	946.7587	84.6	72.25	82.95	81.61	57.471	0.264971	42.26403	12.69344	29.57058	34.9246	2
1613.99	1614.764	946.7639	96.88	42.02	96.61	94.94	42.79406	8.764409	48.44153	15.86112	32.58041	33.65587	2
1613.995	1614.769	946.769	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1614	1614.774	946.7742	101.77	26.22	102.33	94	35.68636	17.77843	46.53521	15.05759	31.47763	33.82843	2
1614.005	1614.779	946.7793	111.23	93.43	110.4	109.24	21.49084	20.34205	58.16711	34.01128	24.15583	31.82911	2
1614.01	1614.784	946.7845	106.25	71.2	105.61	102.96	29.9796	15.68974	54.33066	37.91873	16.41193	32.55374	2
1614.015	1614.79	946.7896	100.22	76.95	98.9	97.83	39.4057	6.702812	53.89149	37.15718	16.73431	33.2546	2
1614.02	1614.795	946.7948	104.84	102.23	102.8	101.49	34.61754	5.135535	60.24692	38.82358	21.42335	33.21943	2
1614.025	1614.8	946.7999	99.68	72.48	99.12	97.3	35.09424	11.00922	53.89654	32.58007	21.31647	32.83075	2
1614.03	1614.805	946.8051	98.34	64.16	98.3	99.58	34.31048	12.74452	52.945	18.94696	33.99804	32.13051	2
1614.035	1614.81	946.8102	101.07	50.99	100.65	99.92	37.93102	11.55643	50.51255	19.56556	30.94699	32.91987	2
1614.04	1614.815	946.8153	102.22	60.63	100.63	98	43.60764	4.690235	51.70212	18.13534	33.56678	34.27842	2
1614.045	1614.82	946.8205	100.31	130.78	97.89	94.45	34.82104	3.447239	61.73172	33.44554	28.28618	33.2666	2
1614.05	1614.826	946.8256	101.44	89.53	101.24	96.88	26.55894	16.04457	57.39649	24.92844	32.46805	32.68859	2
1614.055	1614.831	946.8308	103.83	68.27	103.35	102.02	31.67506	14.62341	53.70153	39.09572	14.60581	32.43207	2
1614.06	1614.836	946.8359	105	98.94	104.45	104.82	23.71902	17.18224	59.09874	32.76254	26.33621	31.76222	2
1614.065	1614.841	946.8411	102.91	114.06	103.61	104.82	12.29528	26.25424	61.45048	41.07594	20.37454	31.49574	2
1614.07	1614.846	946.8462	100.55	107.74	100.37	99.73	22.81592	16.62897	60.55511	39.46785	21.08727	31.9229	2
1614.075	1614.851	946.8514	94.01	156.61	90.69	88.57	41.34118	0.545864	58.11296	35.96915	22.14381	32.72796	2
1614.08	1614.857	946.8565	92.85	158.46	90.23	87.39	36.53568	3.659961	59.80436	36.43451	23.36985	32.2978	9
1614.085	1614.862	946.8617	87.84	69.8	86.17	85.2	55.2381	0.62716	44.13474	28.69992	15.43482	34.75415	9
1614.09	1614.867	946.8668	99.25	145.07	97.36	97.91	28.23056	7.399018	64.37042	29.93489	34.43553	31.94679	9
1614.095	1614.872	946.8719	108.8	360.92	104.79	95.43	0	6.042698	93.9573	93.9573	0	-9999	9
1614.1	1614.877	946.8771	97.84	139.64	95.91	93.29	31.15182	6.428513	62.41967	36.11807	26.30159	32.55983	9
1614.105	1614.882	946.8822	90.96	103.06	90.4	87.32	35.71628	8.084736	56.19898	25.58598	30.61301	32.65091	9
1614.11	1614.887	946.8874	84.12	70.17	82.62	79.04	57.25346	0.471145	42.27539	17.31794	24.95746	35.29368	9
1614.115	1614.893	946.8925	84.92	99.71	82.43	78.69	57.04128	0	42.95872	27.25024	15.70848	34.51758	9
1614.12	1614.898	946.8977	86.8	115.39	84.86	79.94	47.25462	2.637468	50.10791	24.35893	25.74898	33.57871	9
1614.125	1614.903	946.9028	87.14	109.27	84.92	81.74	50.59286	1.3695	48.03764	24.99177	23.04587	33.80942	9
1614.13	1614.908	946.908	90.11	126.28	88.93	87.29	35.68404	6.805979	57.50998	39.47488	18.0351	32.10213	9
1614.135	1614.913	946.9131	93.92	128.39	92.82	90.65	31.04822	8.646561	60.30522	25.6511	34.65412	32.2128	9
1614.14	1614.918	946.9183	92.11	135.87	92.19	93.45	21.75826	13.74331	64.49843	40.13685	24.36158	31.38234	9

1614.145	1614.923	946.9234	90.27	141.4	89.82	89.7	26.2203	10.81232	62.96738	31.34624	31.62114	31.45068	9
1614.15	1614.929	946.9285	92.75	147.51	91.45	86.96	29.04758	8.590759	62.36166	32.01957	30.34209	32.36539	9
1614.155	1614.934	946.9337	99.19	117.57	98.82	95.72	23.16076	14.92551	61.91373	41.25854	20.65519	32.40014	9
1614.16	1614.939	946.9388	102.88	118.54	103.61	103.86	11.00622	26.76145	62.23233	54.03499	8.197342	31.74914	9
1614.165	1614.944	946.944	101.89	132.98	101.94	96.46	13.69254	21.2519	65.05556	49.16408	15.89148	32.92541	9
1614.17	1614.949	946.9491	99.82	110.53	99.02	93.21	27.61734	12.11064	60.27202	32.74074	27.53128	33.07714	9
1614.175	1614.954	946.9543	100.54	129.93	100.1	96.12	19.47014	16.32646	64.2034	45.71396	18.48944	32.58424	9
1614.18	1614.959	946.9594	96.13	161.71	96.13	97.32	12.42658	17.83637	69.73705	50.19452	19.54253	31.80527	9
1614.185	1614.965	946.9646	91.91	126.73	90.8	87.24	33.37664	7.728466	58.89489	26.01118	32.88372	32.45483	9
1614.19	1614.97	946.9697	87.34	118.29	85.9	80.43	42.18102	4.57329	53.24569	22.87785	30.36784	33.16399	9
1614.195	1614.975	946.9749	87.53	75.22	85.98	81.8	53.28166	1.337103	45.38124	31.4904	13.89084	34.91467	9
1614.2	1614.98	946.98	92.49	75.52	91.06	88.08	47.71586	3.077539	49.2066	31.87537	17.33123	34.21191	9
1614.205	1614.985	946.9851	97.98	98.24	96.63	94.87	36.54682	6.959583	56.4936	37.25746	19.23614	32.90541	9
1614.21	1614.99	946.9903	99.11	95.12	98.04	97.02	34.09226	8.950382	56.95736	33.27715	23.6802	32.60382	9
1614.215	1614.995	946.9954	100.14	82.22	99.39	98.51	33.78646	10.73371	55.47983	25.4066	30.07324	32.5686	9
1614.22	1615.001	947.0006	99.9	67.33	99.45	96.8	35.28564	11.54475	53.16961	23.16645	30.00316	32.99242	2
1614.225	1615.006	947.0057	101.66	67.74	100.7	99.28	37.51972	9.308023	53.17226	34.96961	18.20265	33.10774	2
1614.23	1615.011	947.0109	101.41	53.51	101.2	101.08	35.38088	13.51389	51.10523	32.68744	18.41779	32.4917	2
1614.235	1615.016	947.016	101.4	44.35	101.45	101.1	35.5918	14.77866	49.62954	25.74098	23.88857	32.49605	2
1614.24	1615.021	947.0212	101.23	56.44	101.09	101.32	34.29492	14.05395	51.65113	29.49315	22.15798	32.31433	2
1614.245	1615.026	947.0263	102.06	59.39	101.37	99.12	37.07992	10.95813	51.96195	24.32646	27.6355	33.1628	2
1614.25	1615.031	947.0315	102.2	68.06	102.08	99.35	30.43548	15.89605	53.66847	24.5805	29.08796	32.53887	2
1614.255	1615.037	947.0366	101.93	52.82	101.32	100.76	38.16946	10.99879	50.83175	30.24123	20.59052	32.95387	2
1614.26	1615.042	947.0417	103.39	65.24	102.82	101	33.51062	13.31936	53.17002	23.9139	29.25612	32.70232	2
1614.265	1615.047	947.0469	102.04	75.48	102.12	101.59	27.23704	17.75034	55.01262	40.5999	14.41273	31.91817	2
1614.27	1615.052	947.052	102.71	48.57	102.67	102.46	34.06286	15.70057	50.23657	36.19854	14.03803	32.30363	2
1614.275	1615.057	947.0572	99.13	62.53	98.32	95.81	39.94564	8.379015	51.67534	21.89179	29.78355	33.49808	2
1614.28	1615.062	947.0623	98.2	39.19	97.73	95.35	43.81452	8.301299	47.88418	28.31502	19.56916	33.97575	2
1614.285	1615.067	947.0675	97.95	31.27	97.76	97.89	43.79116	9.290485	46.91835	16.34763	30.57072	33.49636	2
1614.29	1615.073	947.0726	96.49	30.35	96.67	97.94	42.4895	10.27404	47.23646	28.86578	18.37068	33.07206	2
1614.295	1615.078	947.0778	97.36	31.9	97.63	99.47	40.6165	11.6434	47.7401	24.57984	23.16026	32.71133	2
1614.3	1615.083	947.0829	98.82	40.56	98.78	99.22	39.58008	11.55021	48.86971	24.34875	24.52096	32.84977	2
1614.305	1615.088	947.0881	97.16	29.79	96.96	97.53	44.95362	8.544142	46.50224	31.00123	15.501	33.58305	2
1614.31	1615.093	947.0932	96.45	34.36	96.28	94.49	44.26838	8.515287	47.21633	21.30269	25.91364	33.89159	2
1614.315	1615.098	947.0983	96.17	43.53	95.76	92.93	44.16684	7.606343	48.22682	34.27191	13.9549	34.04299	2
1614.32	1615.103	947.1035	96.06	45.26	95.69	93.75	43.53938	7.873077	48.58754	30.35409	18.23345	33.78001	2
1614.325	1615.109	947.1086	94.54	45.4	94.04	91.61	45.9114	6.284946	47.80365	32.16301	15.64064	34.16106	2
1614.33	1615.114	947.1138	93.41	41.74	92.76	91.11	48.99922	4.707364	46.29342	20.53503	25.75838	34.47077	2
1614.335	1615.119	947.1189	93.76	37.99	93.53	91.79	46.32972	6.677582	46.9927	16.90134	30.09136	34.10537	2
1614.34	1615.124	947.1241	93.98	24.62	93.63	92.32	50.29286	5.312812	44.39433	26.12659	18.26773	34.75162	2
1614.345	1615.129	947.1292	94.13	34.85	93.4	91.95	50.6242	4.212234	45.16357	29.90382	15.25975	34.78749	2
1614.35	1615.134	947.1344	91.87	31.96	91.22	90.32	52.78278	3.314271	43.90295	16.59575	27.3072	34.98215	2
1614.355	1615.14	947.1395	91.17	29.45	91.12	92.08	49.3842	5.412819	45.20298	31.85938	13.3436	34.05309	2
1614.36	1615.145	947.1447	89.23	24.86	88.95	89.28	54.06228	3.139915	42.7978	13.17357	29.62424	34.93253	2
1614.365	1615.15	947.1498	87.16	27.46	87.02	88.06	54.25248	2.881722	42.8658	16.2736	26.5922	34.71685	2
1614.37	1615.155	947.1549	88.82	48.85	88.35	86.82	50.1064	3.840929	46.05267	31.21994	14.83274	34.33754	2
1614.375	1615.16	947.1601	90.58	51.64	90.24	85.72	46.80452	5.357013	47.83847	29.55025	18.28822	34.46691	2
1614.38	1615.165	947.1652	89.68	54.37	87.98	85.67	57.51186	0	42.48814	18.64006	23.84808	35.56626	2
1614.385	1615.17	947.1704	91.37	46.67	89.93	87.98	55.80546	0.763308	43.43123	24.70044	18.73079	35.58467	2
1614.39	1615.176	947.1755	92.21	30.93	91.33	89.76	54.50174	2.380228	43.11803	25.96586	17.15217	35.45544	2
1614.395	1615.181	947.1807	92.13	43.08	91.64	91.73	48.61254	4.899406	46.48805	31.1584	15.32965	34.0191	2
1614.4	1615.186	947.1858	95.36	62.38	95.16	95.43	38.72284	9.493102	51.78406	30.96853	20.81553	32.70341	2
1614.405	1615.191	947.191	99.75	55.71	99.19	99.78	39.08818	9.926741	50.98508	21.38562	29.59946	32.81635	2
1614.41	1615.196	947.1961	99.02	63.58	98.69	99.55	36.07274	11.40927	52.51799	23.36887	29.14912	32.3973	2
1614.415	1615.201	947.2013	97.97	71.35	96.9	95.08	40.8934	6.762495	52.3441	35.36655	16.97756	33.44032	2
1614.42	1615.206	947.2064	96.24	65.6	95.58	93.45	40.699	7.766558	51.53444	17.9584	33.57604	33.3941	2
1614.425	1615.212	947.2115	98.94	64.26	98.35	97.89	37.99678	9.75327	52.24995	35.45717	16.79278	32.86362	2
1614.43	1615.217	947.2167	95.7	47.43	95.73	95.32	40.24544	9.970044	49.78452	29.37072	20.4138	33.04977	2
1614.435	1615.222	947.2218	97.38	63.98	97.41	97.11	34.69474	12.38132	52.92394	28.83129	24.09265	32.44408	2
1614.44	1615.227	947.227	99.46	41.34	99.45	97.36	38.57002	12.34823	49.08175	27.42441	21.65734	33.18712	2
1614.445	1615.232	947.2321	99.52	41.4	98.88	98.38	43.3828	8.282511	48.33469	33.32185	15.01284	33.60648	2
1614.45	1615.237	947.2373	100.11	37.97	99.89	99.52	40.41506	11.27056	48.31438	20.40379	27.91059	33.12314	2
1614.455	1615.242	947.2424	99.83	39.12	99.44	98	41.71186	9.985014	48.30313	28.37893	19.92419	33.51716	2
1614.46	1615.248	947.2476	98.36	46.26	97.67	97.81	43.66138	7.54698	48.79164	19.97671	28.81493	33.49546	2
1614.465	1615.253	947.2527	97.26	55.46	96.59	96.84	42.29198	7.617917	50.0901	36.1589	13.93121	33.22502	2
1614.47	1615.258	947.2579	93.08	44.35	91.92	90.61	52.6237	2.372336	45.00396	20.36913	24.63483	35.00062	2
1614.475	1615.263	947.263	90.65	44.02	89.71	88.26	53.23416	2.396869	44.36897	29.16435	15.20462	34.98688	2
1614.48	1615.268	947.2681	90.03	35.12	89.51	87.97	52.70336	3.245153	44.05149	17.10397	26.94752	34.96564	2
1614.485	1615.273	947.2733	88.88	37.25	87.71	85.73	58.2834	0.458585	41.25802	18.51506	22.74296	36.00951	2
1614.49	1615.278	947.2784	88.5	29.45	88.12	86.43	54.3981	2.733558	42.86834	30.69175	12.17659	35.28097	2
1614.495	1615.284	947.2836	87.47	31.18	86.76	85.34	57.48454	1.242145	41.27332	27.24517	14.02814	35.73387	2
1614.5	1615.289	947.2887	86.93	33.3	85.85	85.26	60.3358	0	39.6642	21.88394	17.78026	36.01641	2
1614.505	1615.294	947.2939	93.3	61.58	92.65	92.39	44.29914	5.992319	49.70854	33.49992	16.20862	33.38749	2

1614.51	1615.299	947.299	99.19	68.62	98.88	101.68	34.54166	12.00728	53.45106	29.48088	23.97018	31.89175	2
1614.515	1615.304	947.3042	97.36	54.82	96.45	95.8	44.21486	6.256973	49.52817	35.77409	13.75408	33.67646	2
1614.52	1615.309	947.3093	100.34	93.49	99.25	95	33.51012	9.376972	57.11291	28.22461	28.8883	33.20878	2
1614.525	1615.314	947.3145	95.15	84.06	94.06	89.19	40.56698	6.211081	53.22194	36.3071	16.91484	33.75897	2
1614.53	1615.32	947.3196	93.37	87.27	90.57	85.96	54.68026	0	45.31974	23.20014	22.1196	33.05153	2
1614.535	1615.325	947.3247	91.74	99.58	88	84.61	60.48584	0	39.51416	13.05296	26.4612	29.81713	2
1614.54	1615.33	947.3299	90.36	73.5	87.61	85.34	60.3943	0	39.6057	24.60574	14.99996	32.50818	2
1614.545	1615.335	947.335	89.82	53.45	88.02	85.85	58.3807	0	41.6193	20.92507	20.69423	35.1721	2
1614.55	1615.34	947.3402	91.46	61.27	89.24	86.84	58.23446	0	41.76554	22.24744	19.5181	34.09371	2
1614.555	1615.345	947.3453	92.16	101.63	90.08	87.65	46.73834	2.001384	51.26028	31.62811	19.63216	33.70735	2
1614.56	1615.35	947.3505	88.91	96.79	86.26	83.38	55.31712	0	44.68288	14.17347	30.50941	33.7775	2
1614.565	1615.356	947.3556	86.85	47.31	85.58	83.89	58.49148	0.231825	41.27669	28.45031	12.82639	35.7244	2
1614.57	1615.361	947.3608	86.71	49.38	85.88	85.87	54.70934	1.799785	43.49087	22.57193	20.91895	34.67635	2
1614.575	1615.366	947.3659	87.73	56.18	86.79	85.41	52.97784	2.208969	44.81319	17.0446	27.76859	34.61045	2
1614.58	1615.371	947.3711	90.09	38.3	90.19	90.39	47.0736	6.032952	46.89345	24.85111	22.04234	33.73802	2
1614.585	1615.376	947.3762	91.87	42.65	91.39	89.96	48.8783	4.785612	46.33609	15.56073	30.77535	34.33132	2
1614.59	1615.381	947.3813	90.82	37.76	90.28	87.49	51.49268	3.697071	44.81025	26.51019	18.30006	35.0007	2
1614.595	1615.386	947.3865	94.12	42.93	93.65	91.34	46.66304	6.033708	47.30325	34.08945	13.2138	34.24534	2
1614.6	1615.392	947.3916	95.05	35.16	94.94	94.51	44.89778	7.92644	47.17578	27.89105	19.28473	33.69725	2
1614.605	1615.397	947.3968	96.32	38.72	96.1	97.47	43.72036	8.436997	47.84264	24.17971	23.66293	33.21366	2
1614.61	1615.402	947.4019	97.4	35.98	97.24	96.65	42.92484	9.374543	47.70062	21.56563	26.13499	33.4851	2
1614.615	1615.407	947.4071	100.03	43.18	100.41	101.39	34.57784	15.66553	49.75663	36.25474	13.50189	32.13214	2
1614.62	1615.412	947.4122	94.78	56.87	94.51	92.47	41.13236	8.378498	50.48914	30.02722	20.46192	33.40294	2
1614.625	1615.417	947.4174	91.83	39.56	91.39	89.11	49.35288	4.734233	45.91289	32.24345	13.66943	34.58576	2
1614.63	1615.423	947.4225	87.91	57.84	87.34	89.38	49.54302	3.705104	46.75188	15.01211	31.73977	33.44085	2
1614.635	1615.428	947.4277	84.76	54.18	84.39	83.96	51.77674	2.942406	45.28085	13.61797	31.66288	34.10617	2
1614.64	1615.433	947.4328	85.29	79.95	83.54	83.48	55.7478	0.603771	43.64843	22.68537	20.96306	34.31238	2
1614.645	1615.438	947.4379	85.18	107.72	82.78	81.37	54.16616	0.558056	45.27578	11.93325	33.34253	33.84808	2
1614.65	1615.443	947.4431	83.7	108.59	80.9	77.41	58.41722	0	41.58278	23.4495	18.13328	34.05052	2
1614.655	1615.448	947.4482	82.47	34.92	81.98	82.43	59.47446	0.521158	40.00438	22.67777	17.32661	35.43149	2
1614.66	1615.453	947.4534	86.27	35.4	85.69	87.08	56.5598	1.542938	41.89726	13.19621	28.70105	34.91456	2
1614.665	1615.459	947.4585	85.98	26.94	85.88	87.49	55.15392	2.463737	42.38234	21.11512	21.26722	34.72275	2
1614.67	1615.464	947.4637	87.62	35.67	87.39	87.06	52.53996	3.318849	44.14119	15.68724	28.45395	34.59581	2
1614.675	1615.469	947.4688	88.71	30.77	88.34	87.85	53.80796	2.952989	43.23905	25.87905	17.36	34.94754	2
1614.68	1615.474	947.474	89.2	37.88	89.08	89.49	49.69904	4.633429	45.66753	21.68233	23.9852	34.0519	2
1614.685	1615.479	947.4791	89.24	59.98	87.97	87.95	53.22654	1.726591	45.04687	28.25042	16.79645	34.4541	2
1614.69	1615.484	947.4843	88.91	71.11	88.97	91.14	40.52918	7.434619	52.0362	29.99092	22.04528	32.26844	2
1614.695	1615.489	947.4894	90.28	70.75	90.12	88.47	41.0609	7.244814	51.69429	32.4114	19.28288	33.07428	2
1614.7	1615.495	947.4946	91.17	30.97	91.39	92.95	46.92386	6.703256	46.37288	22.83689	23.536	33.55686	2
1614.705	1615.5	947.4997	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1615.015	1615.817	947.8173	112.5	41.02	111	116.67	38.19816	10.20419	51.59765	20.188	31.40965	32.09892	-9999
1615.02	1615.822	947.822	107.83	149.15	104.64	100.59	29.4246	0	70.5754	41.71865	28.85675	32.88686	-9999
1615.025	1615.827	947.8267	105.23	253.78	100.08	91.29	21.68614	0	78.31386	42.93305	35.38081	24.33916	-9999
1615.03	1615.831	947.8314	100.45	205.97	94.13	90.95	46.72126	0	53.27874	22.72686	30.55188	16.09786	1
1615.035	1615.836	947.8361	95.92	140.7	92.39	88.45	45.0617	0	54.9383	21.68981	33.24849	31.51703	1
1615.04	1615.841	947.8407	93.41	136.16	90.46	88.06	43.97458	0.775295	55.25013	18.04706	37.20306	33.16387	1
1615.045	1615.845	947.8454	91.24	46.32	90.45	89.54	50.97226	3.405934	45.62181	26.10525	19.51655	34.50544	1
1615.05	1615.85	947.8501	94.06	49.11	93.12	93.16	48.86518	4.12083	47.01399	19.62752	27.38647	34.11924	1
1615.055	1615.855	947.8548	93.22	49.79	92.71	91.91	46.14092	5.817306	48.04177	31.62378	16.41799	33.8079	1
1615.06	1615.859	947.8595	91.77	38.8	91.46	92.32	48.5845	5.228722	46.18678	14.29275	31.89403	33.88537	1
1615.065	1615.864	947.8642	92.48	51.79	91.88	89.12	47.03522	5.163054	47.80173	19.47235	28.32938	34.25185	1
1615.07	1615.869	947.8688	92.01	49.81	91.1	87.94	50.34928	3.441056	46.20966	27.81778	18.39188	34.83084	1
1615.075	1615.874	947.8735	88.47	36.26	87.35	85.85	58.51268	0.45187	41.03545	13.67876	27.35669	35.94684	1
1615.08	1615.878	947.8782	86.48	34.5	85.35	84.1	60.8469	0	39.1531	9.173054	29.98005	35.90362	1
1615.085	1615.883	947.8829	87.19	45.43	85.92	85.14	58.63364	0.19131	41.17505	25.18562	15.98943	35.63036	1
1615.09	1615.888	947.8876	85.76	20.25	85.41	85.56	58.9128	1.091311	39.99589	29.03718	10.95871	35.7769	1
1615.095	1615.892	947.8922	85.18	18.13	84.94	84.43	59.10694	1.079352	39.81371	22.40868	17.40503	35.93935	1
1615.1	1615.897	947.8969	85.21	20.83	84.69	83.91	60.59594	0.380018	39.02404	22.98322	16.04082	36.25521	1
1615.105	1615.902	947.9016	86.16	35.64	85.21	85.08	59.47042	0.305536	40.22404	16.50974	23.71431	35.74539	1
1615.11	1615.906	947.9063	85.59	44.55	84.62	83.61	57.9936	0.678012	41.32839	29.20721	12.12118	35.45108	1
1615.115	1615.911	947.911	86.4	41.28	85.55	84.08	57.10974	1.087391	41.80287	30.74006	11.06281	35.46692	1
1615.12	1615.916	947.9156	87.19	41.65	86.76	86.61	53.0384	2.826661	44.13494	22.24835	21.88659	34.54502	1
1615.125	1615.92	947.9203	87.55	51.39	87.06	83.26	50.81512	3.415355	45.76953	32.62211	13.14742	34.76298	1
1615.13	1615.925	947.925	90.01	93.67	89.06	84.57	41.88516	5.474958	52.63988	31.62252	21.01736	33.43123	1
1615.135	1615.93	947.9297	89.55	80.47	88.65	88.73	45.11526	4.614198	50.27054	26.91878	23.35176	33.0497	1
1615.14	1615.934	947.9344	89.02	53.83	87.93	87.73	53.52224	1.916938	44.56082	27.90008	16.66074	34.59124	1
1615.145	1615.939	947.939	88.05	50.42	87.62	89.89	50.12486	3.770811	46.10433	20.247	25.85733	33.57607	1
1615.15	1615.944	947.9437	90.04	122.75	88	87.5	43.2677	3.260435	53.47186	28.19367	25.27819	32.51051	1
1615.155	1615.948	947.9484	102.04	195.47	101.43	93.83	3.54696	20.71278	75.74026	75.74026	0	-9999	8
1615.16	1615.953	947.9531	103.43	210.54	103.94	97.02	0	31.88248	68.11752	68.11752	0	-9999	8
1615.165	1615.958	947.9578	103.31	191.21	103.39	96.85	0	26.91627	73.08373	73.08373	0	-9999	8
1615.17	1615.962	947.9625	104.89	201.82	104.28	101.22	0	23.51812	76.48188	76.48188	0	-9999	8
1615.175	1615.967	947.9671	88.97	178.4	86.66	75.35	32.8773	5.911434	61.21127	33.32424	27.88702	33.05177	8

1615.18	1615.972	947.9718	80.62	79.65	78.17	74.11	65.5418	0	34.4582	12.06351	22.39469	34.18985	8
1615.185	1615.976	947.9765	82.26	24.21	81.47	79.27	64.58448	0	35.41552	15.19155	20.22397	35.65398	2
1615.19	1615.981	947.9812	82.98	40.18	82.11	81.04	60.67734	0	39.32266	17.82639	21.49627	35.84104	2
1615.195	1615.986	947.9859	88.3	41.75	87.22	84.7	57.0305	0.915305	42.05419	25.13336	16.92084	35.75994	2
1615.2	1615.991	947.9905	100.8	54.06	99.81	98.43	41.85398	7.646015	50.5	24.43248	26.06753	33.61674	2
1615.205	1615.995	947.9952	97.3	42.13	96.43	94.51	47.03104	5.596489	47.37247	14.91387	32.4586	34.37307	2
1615.21	1616	947.9999	99.36	61.38	98.7	96.09	38.84984	9.395954	51.75421	28.71509	23.03911	33.37058	2
1615.215	1616.005	948.0046	99.69	79.1	99.22	95.75	32.7855	12.05145	55.16305	39.72845	15.4346	32.91611	2
1615.22	1616.009	948.0093	98.74	66.86	98.1	92.04	37.93908	9.485154	52.57577	36.58346	15.99231	33.88039	2
1615.225	1616.014	948.0139	97.4	77.23	95	91.39	50.30234	0	49.69766	23.28864	26.40902	34.61545	2
1615.23	1616.019	948.0186	93.32	46.71	91.65	90.73	55.78428	0.302858	43.91286	18.622	25.29086	35.53667	2
1615.235	1616.023	948.0233	90.95	28.65	90.34	89.73	54.1202	2.847104	43.0327	13.69764	29.33506	35.15068	2
1615.24	1616.028	948.028	91.26	37.49	90.37	90.13	53.86572	2.396245	43.73803	30.747	12.99104	34.97029	2
1615.245	1616.033	948.0327	89.6	20.4	89.34	89.04	54.6462	3.095452	42.25835	24.32976	17.92859	35.21066	2
1615.25	1616.037	948.0374	91.18	40.15	90.59	89.32	50.9706	3.811515	45.21788	28.10701	17.11087	34.62254	2
1615.255	1616.042	948.042	91.68	48.64	90.67	90	51.71102	2.801549	45.48743	16.86149	28.62594	34.58913	2
1615.26	1616.047	948.0467	91.28	31.09	90.69	91.08	53.07112	3.245586	43.68329	20.37383	23.30946	34.76685	2
1615.265	1616.051	948.0514	91.05	48.17	90.12	89.89	51.78436	2.868555	45.34708	18.67694	26.67014	34.48639	2
1615.27	1616.056	948.0561	90.66	31.56	89.93	89.56	54.61278	2.419652	42.96757	18.58324	24.38432	35.15599	2
1615.275	1616.061	948.0608	88.52	41.91	87.12	86.32	59.26938	0	40.73062	17.27703	23.45359	35.68291	2
1615.28	1616.065	948.0654	89.97	46.57	89.12	89.26	52.54516	2.675824	44.77902	20.62114	24.15787	34.4998	2
1615.285	1616.07	948.0701	88.71	37.54	87.58	86.89	58.05962	0.574138	41.36624	14.62282	26.74342	35.70401	2
1615.29	1616.075	948.0748	91.8	39.77	91.19	89	50.64716	3.984681	45.36816	32.07296	13.2952	34.77164	2
1615.295	1616.079	948.0795	91.72	45.34	91.33	89.32	47.66782	5.289702	47.04248	17.58737	29.4551	34.22063	2
1615.3	1616.084	948.0842	93.49	117.4	90.82	86.04	46.2709	0.70425	53.02485	22.27103	30.75382	34.06843	2
1615.305	1616.089	948.0888	92.06	72.01	90.98	89.82	46.24838	4.218956	49.53266	29.61877	19.91389	33.65903	2
1615.31	1616.094	948.0935	93.64	69.11	91.94	90.45	50.30158	1.761238	47.93718	14.85934	33.07784	34.47617	2
1615.315	1616.098	948.0982	94.29	105.33	91.09	87.78	52.56334	0	47.43666	14.58734	32.84932	31.63188	2
1615.32	1616.103	948.1029	98.1	126.98	96.25	93.04	33.35634	6.09032	60.55334	40.93791	19.61543	32.85457	9
1615.325	1616.108	948.1076	99.05	133.66	97.02	92.53	32.26078	5.748491	61.99073	29.48146	32.50927	33.0936	9
1615.33	1616.112	948.1122	100.24	136.83	98.11	93.26	31.17384	5.630883	63.19528	25.28579	37.90948	33.2049	9
1615.335	1616.117	948.1169	100.71	134.1	99.63	92.26	23.2646	12.39164	64.34376	47.904	16.43976	33.29493	9
1615.34	1616.122	948.1216	105.15	208.11	104.82	99.57	0	26.58716	73.41284	73.41284	0	-9999	9
1615.345	1616.126	948.1263	98	167.28	96.04	88.46	24.54824	8.166615	67.28514	30.85354	36.4316	33.18306	9
1615.35	1616.131	948.131	100.32	164.59	98	93.27	25.85482	6.345576	67.7996	35.94336	31.85624	32.9357	9
1615.355	1616.136	948.1357	101.41	134.15	101.1	98.21	16.641	18.23555	65.12345	53.99822	11.12522	32.41028	9
1615.36	1616.14	948.1403	103.16	100.27	103.29	102.05	19.81996	21.01438	59.16566	43.12667	16.03899	31.85453	9
1615.365	1616.145	948.145	109.5	112.84	110.28	112.9	5.90772	37.44502	56.64726	56.64726	0	-9999	9
1615.37	1616.15	948.1497	104.91	102.05	105.28	106.02	15.9192	25.28492	58.79588	40.47369	18.32219	31.34007	9
1615.375	1616.154	948.1544	101.35	181.3	102.04	105.55	0	28.7249	71.2751	71.2751	0	-9999	9
1615.38	1616.159	948.1591	101.98	177.43	102.79	96.49	0	30.18432	69.81568	69.81568	0	-9999	9
1615.385	1616.164	948.1637	101.41	111.86	99.79	94.61	32.18768	7.604628	60.20769	38.52238	21.68531	33.39134	9
1615.39	1616.168	948.1684	93.32	119.75	88.65	85.35	61.3586	0	38.6414	23.82367	14.81773	26.41384	2
1615.395	1616.173	948.1731	93.17	69.69	90.87	88.96	55.24362	0	44.75638	14.15121	30.60517	34.09461	2
1615.4	1616.178	948.1778	94.97	39.42	93.87	93.43	51.61296	3.071241	45.3158	31.40846	13.90734	34.79574	2
1615.405	1616.182	948.1825	98.24	42.96	97.52	96.34	44.80288	7.069239	48.12788	24.13287	23.99501	33.90637	2
1615.41	1616.187	948.1871	99.26	99.79	96.85	93.55	43.20912	1.279613	55.51127	23.74942	31.76184	34.12396	2
1615.415	1616.192	948.1918	96.41	66.37	94.63	91.2	49.03626	1.915864	49.04788	25.7163	23.33158	34.87052	2
1615.42	1616.197	948.1965	96.31	99.53	93.22	90.84	51.25604	0	48.74396	19.6813	29.06266	31.50886	2
1615.425	1616.201	948.2012	91.5	51.41	90.08	89.02	54.38378	1.202787	44.41343	31.38587	13.02756	35.10258	2
1615.43	1616.206	948.2059	92.35	53.13	90.77	89.55	54.42554	0.877985	44.69647	27.37862	17.31786	35.18991	2
1615.435	1616.211	948.2105	93.26	49.08	91.95	90.04	52.47594	2.072511	45.45155	18.08776	27.36379	35.05342	2
1615.44	1616.215	948.2152	96.57	87.32	94.49	92.88	46.14416	1.810432	52.04541	30.52124	21.52416	33.99185	2
1615.445	1616.22	948.2199	94.06	39.19	93.69	93.31	46.84832	6.243556	46.90812	28.7726	18.13552	33.92735	2
1615.45	1616.225	948.2246	93.69	33.6	93.07	91.06	50.479	4.441757	45.07924	18.19177	26.88747	34.84196	2
1615.455	1616.229	948.2293	94.82	44.26	94	91.88	48.40968	4.738295	46.85203	25.70268	21.14935	34.50677	2
1615.46	1616.234	948.234	93.09	50.56	92.18	91.73	49.17418	3.939935	46.88589	22.03737	24.84852	34.19199	2
1615.465	1616.239	948.2386	91.92	45.72	91.22	90.21	49.79436	4.046134	46.15951	20.7721	25.3874	34.36921	2
1615.47	1616.243	948.2433	91.78	60.92	90.43	88.14	51.28226	2.220527	46.49721	30.1236	16.37361	34.70993	2
1615.475	1616.248	948.248	89.51	47.16	88.06	86.08	57.47558	0.260397	42.26402	28.83612	13.4279	35.7663	2
1615.48	1616.253	948.2527	91.02	40.1	89.89	87.84	55.3149	1.486466	43.19863	29.8732	13.32544	35.53721	2
1615.485	1616.257	948.2574	92.77	51.99	91.98	91.18	48.19252	4.446884	47.3606	18.22114	29.13946	34.07327	2
1615.49	1616.262	948.262	91.05	58	89.78	85.87	52.0405	2.130764	45.82874	26.46384	19.36489	35.11266	2
1615.495	1616.267	948.2667	85.17	19.6	84.9	84.39	58.9929	1.078525	39.92858	14.09026	25.83831	35.89163	2
1615.5	1616.271	948.2714	83.36	20.62	82.67	81.85	63.66626	0	36.33374	16.12495	20.20879	35.79343	2
1615.505	1616.276	948.2761	88.11	52.39	87.61	85.2	50.13542	3.671829	46.19275	23.3276	22.86515	34.41803	2
1615.51	1616.281	948.2808	85.67	78.96	83.76	78.62	56.87778	0.112621	43.0096	23.51888	19.49072	35.4894	2
1615.515	1616.285	948.2854	83.24	65.72	81.06	77.94	64.40996	0	35.59004	23.28679	12.30325	34.1161	2
1615.52	1616.29	948.2901	82.32	25.66	81.78	80.25	62.24088	0	37.75912	7.532705	30.22641	36.09685	2
1615.525	1616.295	948.2948	86.81	59.32	84.97	82.37	60.03936	0	39.96064	21.60079	18.35985	34.8779	2
1615.53	1616.299	948.2995	89.78	65.76	88.2	87.02	53.73348	1.092402	45.17412	21.65929	23.51483	34.72236	2
1615.535	1616.304	948.3042	88.3	27.72	87.79	87.1	56.00826	2.047255	41.94449	11.62622	30.31827	35.39449	2
1615.54	1616.309	948.3088	91.81	77.38	90.56	85.73	46.49634	3.764598	49.73906	28.6177	21.12137	34.30484	2

1615.545	1616.314	948.3135	95.01	62.43	94	91.1	45.31024	5.094425	49.59534	19.28814	30.30719	34.09171	2
1615.55	1616.318	948.3182	93.65	51.56	92.76	90.04	48.26198	4.344385	47.39363	30.86793	16.5257	34.48909	2
1615.555	1616.323	948.3229	92.26	47.81	91.63	90.87	48.43328	4.654067	46.91265	26.8241	20.08855	34.10792	2
1615.56	1616.328	948.3276	88.55	28.54	88.37	88.67	53.02232	3.451909	43.52577	22.1529	21.37287	34.67633	2
1615.565	1616.332	948.3323	88.93	36.43	88.1	87.06	55.80084	1.68481	42.51435	21.20737	21.30697	35.35188	2
1615.57	1616.337	948.3369	88.98	37.44	88.16	87.08	55.43292	1.808749	42.75833	22.00187	20.75646	35.28145	2
1615.575	1616.342	948.3416	88.85	38.72	87.88	86.67	56.40526	1.288442	42.3063	15.01457	27.29173	35.46663	2
1615.58	1616.346	948.3463	88.55	43.85	87.46	84.82	56.3698	1.097349	42.53285	15.95478	26.57807	35.64288	2
1615.585	1616.351	948.351	88.14	42.75	86.43	84.02	61.8182	0	38.1818	13.98269	24.19911	34.93751	2
1615.59	1616.356	948.3557	89.22	35.49	88.41	88.02	55.60652	1.80318	42.5903	18.67117	23.91913	35.22266	2
1615.595	1616.36	948.3603	89.63	37.86	88.89	87.73	54.11328	2.38971	43.49701	30.66643	12.83058	35.08622	2
1615.6	1616.365	948.365	90.8	31.13	90.02	88.69	54.97554	2.241802	42.78266	30.23736	12.5453	35.41128	2
1615.605	1616.37	948.3697	91.08	34.25	90.49	89.26	52.4904	3.367872	44.14173	28.42943	15.7123	34.92119	2
1615.61	1616.374	948.3744	91.94	37.54	91.26	89.61	51.60052	3.590914	44.80857	22.18632	22.62224	34.85729	2
1615.615	1616.379	948.3791	91.83	44.62	91.08	88.79	50.53086	3.71333	45.75581	17.67117	28.08464	34.72928	2
1615.62	1616.384	948.3837	96.07	69.54	95	92.22	43.07942	5.73891	51.18167	32.60264	18.57903	33.79032	1
1615.625	1616.388	948.3884	94.66	65.91	94.8	95.43	35.87758	11.0453	53.07712	35.53775	17.53937	32.32782	1
1615.63	1616.393	948.3931	97.04	57.57	97.73	99.32	31.44376	15.62601	52.93023	33.171	19.75924	31.8145	1
1615.635	1616.398	948.3978	99.93	49.67	100.06	100.69	35.03676	14.28123	50.68201	31.47473	19.20728	32.27383	1
1615.64	1616.402	948.4025	98.2	49.66	97.98	97.98	39.34328	10.53788	50.11884	32.29745	17.8214	32.89556	1
1615.645	1616.407	948.4071	93.61	53.91	93.06	91.73	45.09508	6.10852	48.7964	28.51491	20.28149	33.74474	1
1615.65	1616.412	948.4118	94.01	55.97	92.9	89.91	48.56856	3.746426	47.68501	21.80415	25.88086	34.58098	1
1615.655	1616.417	948.4165	94.22	44.22	93.63	90.73	47.18886	5.580326	47.23081	20.06927	27.16155	34.42392	1
1615.66	1616.421	948.4212	97.58	56.66	96.48	95.49	45.03968	5.407332	49.55299	25.06024	24.49274	33.86738	1
1615.665	1616.426	948.4259	96.63	78.03	95.83	93.08	38.41714	8.051922	53.53094	22.58866	30.94228	33.22319	1
1615.67	1616.431	948.4306	96.97	57.92	96.57	96.43	39.87096	9.152033	50.97701	19.69544	31.28157	32.95597	1
1615.675	1616.435	948.4352	98.5	48.33	98.08	96.23	40.93914	9.433676	49.62718	19.1608	30.46639	33.45665	1
1615.68	1616.44	948.4399	97.04	50.05	96.73	96.49	41.0136	9.186688	49.79971	24.47819	25.32153	33.12944	1
1615.685	1616.445	948.4446	97.83	50.74	97.41	96.71	40.97232	9.129473	49.89821	27.18645	22.71176	33.2311	1
1615.69	1616.449	948.4493	97.94	41.11	97.8	97.32	41.03158	10.25184	48.71658	33.71994	14.99664	33.19612	1
1615.695	1616.454	948.454	96.73	48.48	96.63	93.67	40.05124	10.07073	49.87803	18.63579	31.24224	33.5026	1
1615.7	1616.459	948.4586	98.37	41.9	98.76	98.69	36.3373	13.99036	49.67234	33.96925	15.7031	32.53217	1
1615.705	1616.463	948.4633	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1616.005	1616.744	948.7442	97.5	28.61	97.51	97.82	43.29888	9.970154	46.73097	32.81577	13.9152	33.36399	2
1616.01	1616.749	948.7489	97.82	35.35	97.98	98.06	40.2109	11.604	48.1851	20.57088	27.61422	32.97117	2
1616.015	1616.754	948.7535	100.98	42.79	100.96	101.63	36.89822	13.76103	49.34075	31.99686	17.34389	32.45379	2
1616.02	1616.758	948.7582	104.66	63.82	104.18	104.26	31.98836	15.0864	52.92524	30.47035	22.45489	32.15261	2
1616.025	1616.763	948.7629	103.66	75.17	103.12	101.75	30.62666	14.45823	54.91511	33.17484	21.74027	32.3769	2
1616.03	1616.768	948.7676	103.03	57.12	102.8	103.15	33.17186	15.11117	51.71697	27.59934	24.11763	32.15826	2
1616.035	1616.772	948.7723	97.14	60.86	96.25	96.24	42.80058	6.66208	50.53734	34.8026	15.73474	33.31856	2
1616.04	1616.777	948.7769	92.35	48.63	90.73	88.06	55.82454	0.402648	43.77281	23.68127	20.09154	35.76607	2
1616.045	1616.782	948.7816	91.65	37.07	91.02	89.24	51.59356	3.645938	44.7605	24.86879	19.89172	34.86595	2
1616.05	1616.786	948.7863	91.21	45.04	90.54	88.96	50.37962	3.814983	45.8054	27.81949	17.98591	34.5338	2
1616.055	1616.791	948.791	92.58	53.02	92.02	93.43	46.33556	5.477189	48.18725	20.27817	27.90908	33.36904	2
1616.06	1616.796	948.7957	99.19	82.07	97.97	96.11	38.33926	7.185041	54.4757	32.96652	21.50918	33.18791	2
1616.065	1616.8	948.8004	103.07	157.25	100.09	97.14	30.2161	1.735429	68.04847	37.45117	30.5973	33.20414	2
1616.07	1616.805	948.805	90.88	57.52	90.2	89.94	47.74056	4.472044	47.7874	32.627	15.16039	33.75588	2
1616.075	1616.81	948.8097	91.99	98	89.41	86.5	51.6482	0	48.3518	10.66224	37.68956	34.12261	2
1616.08	1616.814	948.8144	93.2	111.71	90.59	87.49	47.44968	0.563897	51.98642	29.45399	22.53243	33.93259	2
1616.085	1616.819	948.8191	88.42	28.87	87.79	86.61	56.54956	1.728804	41.72164	18.29027	23.43137	35.57639	2
1616.09	1616.824	948.8238	88.16	29.81	87.87	87.73	53.92628	2.94398	43.12974	21.26745	21.86229	34.87821	2
1616.095	1616.828	948.8284	88.34	41.5	88.1	87	50.5442	4.001437	45.45436	20.55777	24.8966	34.37242	2
1616.1	1616.833	948.8331	90.07	47.83	89.24	86.32	51.99324	2.878145	45.12862	29.33551	15.79311	34.95743	2
1616.105	1616.838	948.8378	94.57	61.2	93.39	91.32	47.3302	3.982471	48.68733	19.60335	29.08398	34.21651	2
1616.11	1616.842	948.8425	91.42	34.54	91.1	90.59	50.01492	4.713452	45.27163	14.60354	30.66808	34.37735	2
1616.115	1616.847	948.8472	89.57	35.76	89.41	89.57	50.18168	4.517852	45.30047	15.10962	30.19085	34.19649	2
1616.12	1616.852	948.8518	90.12	62.06	89.54	92.18	46.56608	4.860995	48.57293	33.5771	14.99582	32.97599	2
1616.125	1616.857	948.8565	88.68	60.21	87.3	85	54.53858	1.187143	44.27428	14.90279	29.37149	35.04779	2
1616.13	1616.861	948.8612	91.71	65.23	90.35	88.86	50.38114	2.448052	47.17081	17.30462	29.86619	34.36392	2
1616.135	1616.866	948.8659	94.58	90.45	94.55	93.59	31.33	11.75788	56.91212	38.97292	17.9392	32.21007	2
1616.14	1616.871	948.8706	90.38	86.03	88.57	87.02	50.05864	1.712507	48.22885	27.52219	20.70666	34.00683	2
1616.145	1616.875	948.8752	88	61.39	87.18	86.71	50.53862	3.077179	46.3842	24.7331	21.6511	33.99804	2
1616.15	1616.88	948.8799	91.89	60.39	91.61	91.61	43.01682	6.884141	50.09904	33.91329	16.18575	33.11551	2
1616.155	1616.885	948.8846	90.5	85.72	89.21	84	45.99326	3.753784	50.25296	29.78711	20.46584	34.13116	2
1616.16	1616.889	948.8893	88.31	103.22	86.23	81.51	49.89556	1.558639	48.5458	31.10105	17.44475	34.17234	2
1616.165	1616.894	948.894	85.64	53.62	84.93	82.67	53.73766	2.132751	44.12959	20.46043	23.66916	34.79204	2
1616.17	1616.899	948.8987	84.74	50.81	84.1	82.59	54.70318	1.871431	43.42539	18.92907	24.49631	34.80147	2
1616.175	1616.903	948.9033	87.64	57.3	86.83	86.26	51.7821	2.712673	45.50523	14.07144	31.43378	34.23629	2
1616.18	1616.908	948.908	87.07	47.46	86.69	86.73	51.35528	3.345748	45.29897	27.98528	17.31369	34.15357	2
1616.185	1616.913	948.9127	85.93	62.41	85.53	82.74	48.94118	3.837629	47.22119	25.37818	21.84301	34.07451	2
1616.19	1616.917	948.9174	84.1	58.38	83.49	81.08	53.22754	2.268981	44.50348	26.00719	18.49628	34.577	2
1616.195	1616.922	948.9221	86.14	33.88	85.74	84.33	55.65224	1.992338	42.35542	30.75512	11.6003	35.26821	2
1616.2	1616.927	948.9267	88.32	24.74	87.9	85.9	56.01352	2.188328	41.79815	13.15447	28.64368	35.66826	2

1616.205	1616.931	948.9314	91.6	33.97	90.81	90.02	53.62976	2.722687	43.64755	30.53674	13.11081	35.071	2
1616.21	1616.936	948.9361	93.21	51.72	91.76	90.17	52.96806	1.599957	45.43198	19.45473	25.97725	35.05558	2
1616.215	1616.941	948.9408	91.92	33.88	91.61	91.45	49.63714	4.976494	45.38637	14.00088	31.38549	34.27547	2
1616.22	1616.945	948.9455	90.63	38.1	89.65	89	54.9952	1.82728	43.17752	13.43588	29.74164	35.20637	2
1616.225	1616.95	948.9501	95.34	48.96	94.15	93.19	49.66138	3.413589	46.92503	17.63594	29.28909	34.50902	2
1616.23	1616.955	948.9548	101.31	36.53	101.33	101.06	37.79954	13.94339	48.25707	21.63679	26.62028	32.7074	2
1616.235	1616.96	948.9595	98.62	51.19	98.39	95.2	38.66412	10.90056	50.43532	35.80947	14.62585	33.40362	2
1616.24	1616.964	948.9642	96.65	65.09	95.74	91.1	42.38272	6.582012	51.03527	17.59243	33.44284	34.08018	2
1616.245	1616.969	948.9689	93.85	38.57	93.51	92.77	46.95906	6.228184	46.81276	31.75922	15.05354	34.00013	2
1616.25	1616.974	948.9736	90.34	17.6	90.45	89.49	51.7755	4.821944	43.40256	23.65027	19.75228	34.86438	2
1616.255	1616.978	948.9782	88.82	33.85	88.19	88.02	54.9764	2.222122	42.80148	13.37561	29.42587	35.05585	2
1616.26	1616.983	948.9829	90.36	86.21	88.86	82.18	47.63098	2.921312	49.44771	19.1777	30.27001	34.60074	2
1616.265	1616.988	948.9876	90.37	73.45	88.53	87.22	53.3447	0.746149	45.90915	18.39424	27.51491	34.63475	2
1616.27	1616.992	948.9923	85.92	27.86	85.26	84.8	59.32648	0.648574	40.02495	24.8764	15.14855	35.86402	2
1616.275	1616.997	948.997	87.28	28.06	86.24	85.71	60.97188	0	39.02812	7.625961	31.40216	36.05944	2
1616.28	1617.002	949.0016	89.14	41.05	88.1	87.34	56.1171	1.279734	42.60317	19.60989	22.99328	35.3139	2
1616.285	1617.006	949.0063	90.18	48.27	89.41	86.95	51.32056	3.190374	45.48907	30.58387	14.9052	34.76135	2
1616.29	1617.011	949.011	89.26	68.18	89.81	89.41	37.11874	9.405655	53.47561	34.21884	19.25676	32.50352	2
1616.295	1617.016	949.0157	85.4	65.72	84.41	81.18	53.20026	1.990852	44.80889	24.44996	20.35893	34.69115	2
1616.3	1617.02	949.0204	81.04	33.85	79.7	76.91	67.6365	0	32.3635	10.59428	21.76922	34.77055	2
1616.305	1617.025	949.025	79.37	17.85	78.88	77.67	66.4574	0	33.5426	16.92482	16.61778	35.22427	2
1616.31	1617.03	949.0297	83.96	37.67	83.53	83.61	56.97316	1.362664	41.66418	15.83335	25.83083	35.05882	2
1616.315	1617.034	949.0344	81.53	40.08	80.29	76	64.90304	0	35.09696	21.64004	13.45692	35.39138	2
1616.32	1617.039	949.0391	82.37	60.79	80.02	77.92	67.72092	0	32.27908	20.71092	11.56816	33.54255	2
1616.325	1617.044	949.0438	80.15	27.15	78.96	76.8	68.9142	0	31.0858	21.67176	9.414044	34.67581	2
1616.33	1617.048	949.0484	82.89	44.17	81.22	79.33	65.99456	0	34.00544	18.97414	15.0313	34.39189	2
1616.335	1617.053	949.0531	84.12	42.99	83.67	82.27	55.69352	1.716296	42.59018	25.33145	17.25873	35.03255	2
1616.34	1617.058	949.0578	83.77	60.06	82.04	80.02	61.80458	0	38.19542	10.53948	27.65594	34.73484	1
1616.345	1617.062	949.0625	78.23	11.53	77.87	77.27	68.02814	0	31.97186	14.38083	17.59103	34.94274	1
1616.35	1617.067	949.0672	80.18	10.82	80.16	80.77	63.77096	0	36.22904	12.61735	23.61169	35.73347	1
1616.355	1617.072	949.0719	81.08	9.97	81.35	82.38	60.90116	0.422551	38.67629	20.92075	17.75554	35.94634	1
1616.36	1617.077	949.0765	82.75	9.3	82.5	82.76	63.5569	0	36.4431	19.87317	16.56993	36.12387	1
1616.365	1617.081	949.0812	85.16	11.35	84.96	84.91	60.4561	0.742179	38.80172	10.41522	28.3865	36.21682	1
1616.37	1617.086	949.0859	86.63	18.21	86.32	85.91	58.29608	1.434397	40.26952	23.06936	17.20016	35.81745	1
1616.375	1617.091	949.0906	86.39	20.05	85.78	84.73	60.3966	0.449413	39.15399	18.25186	20.90213	36.3291	1
1616.38	1617.095	949.0953	86.61	23.02	86.06	84.1	59.01046	0.931649	40.05789	18.45442	21.60347	36.18158	1
1616.385	1617.1	949.0999	87.03	26.77	86.24	84.55	59.57656	0.514718	39.90872	18.49749	21.41123	36.2212	1
1616.39	1617.105	949.1046	85.57	18.65	85.04	84.45	60.8698	0.327286	38.80291	16.09941	22.7035	36.31875	1
1616.395	1617.109	949.1093	84.41	15.39	84.14	84.08	60.71092	0.505169	38.78391	15.14885	23.63506	36.17521	1
1616.4	1617.114	949.114	84.53	30.34	83.57	83.2	62.33012	0	37.66988	22.09623	15.57365	35.59842	1
1616.405	1617.119	949.1187	82.49	20.39	82.06	81.17	62.50732	0	37.49268	25.53359	11.95909	36.12677	1
1616.41	1617.123	949.1233	81.94	31.06	81.28	80.91	62.21368	0	37.78632	17.39621	20.39011	35.65791	1
1616.415	1617.128	949.128	81.74	42.05	80.88	80.18	61.2881	0	38.7119	9.878136	28.83376	35.54645	1
1616.42	1617.133	949.1327	80.13	31.82	79.39	78.37	64.31496	0	35.68504	22.41288	13.27216	35.23485	1
1616.425	1617.137	949.1374	81.47	26.98	80.69	80.73	64.56344	0	35.43656	18.85398	16.58258	35.13853	1
1616.43	1617.142	949.1421	83.7	23.92	83.1	81.98	61.85736	0	38.14264	15.43755	22.70509	36.22758	1
1616.435	1617.147	949.1467	90.62	41.01	90.63	88.28	46.62768	6.138671	47.23365	18.95708	28.27656	34.12343	1
1616.44	1617.151	949.1514	95.56	48.27	96.37	93.85	34.12596	14.26997	51.60407	27.61777	23.9863	32.80172	1
1616.445	1617.156	949.1561	95.95	67.81	96.9	87.47	27.95348	16.7772	55.26932	30.49474	24.77458	33.66365	1
1616.45	1617.161	949.1608	91.87	67.12	90.95	87.54	46.36656	4.509788	49.12365	34.12953	14.99412	34.11138	1
1616.455	1617.165	949.1655	92.05	48.24	92.2	89.79	42.47742	8.112913	49.40967	22.89708	26.51258	33.5901	1
1616.46	1617.17	949.1702	91.51	58.14	92.02	91.92	37.78842	10.06948	52.1421	19.8343	32.30781	32.61657	1
1616.465	1617.175	949.1748	90.95	50.84	91.66	88.19	38.52022	10.07956	51.40022	24.18917	27.21105	33.35008	1
1616.47	1617.18	949.1795	84.61	33.97	85.02	85.55	50.76056	3.987859	45.25158	28.52912	16.72246	34.05719	1
1616.475	1617.184	949.1842	81.77	30.54	81.47	81.94	59.70592	0.523537	39.77054	19.52624	20.2443	35.49308	1
1616.48	1617.189	949.1889	81.16	31.11	81.07	81.44	58.50168	0.920183	40.57814	21.49537	19.08276	35.24378	1
1616.485	1617.194	949.1936	81.16	19.8	81.25	78.02	59.8437	0.634786	39.52151	24.93685	14.58466	36.35745	1
1616.49	1617.198	949.1982	81.53	26.56	81.84	75.88	56.16238	1.82851	42.00911	26.38114	15.62797	36.09603	1
1616.495	1617.203	949.2029	80.96	26.36	81	76.44	58.82768	0.873075	40.29924	18.49305	21.80619	36.28713	1
1616.5	1617.208	949.2076	80.12	42.97	79.63	75.76	59.68836	0.381189	39.93045	21.14287	18.78758	35.97553	1
1616.505	1617.212	949.2123	77.46	49.34	75.61	72.79	71.13402	0	28.86598	9.068278	19.7977	34.24803	1
1616.51	1617.217	949.217	73.26	18.57	72.61	71.92	73.14436	0	26.85564	12.39847	14.45717	34.12891	1
1616.515	1617.222	949.2216	73.18	13.83	72.53	72.33	74.36504	0	25.63496	6.883582	18.75138	34.00165	1
1616.52	1617.226	949.2263	75.33	29.33	74.17	72.33	72.58854	0	27.41146	5.774379	21.63708	34.3152	1
1616.525	1617.231	949.231	78.01	53.85	76.76	72.77	64.8866	0	35.1134	13.58691	21.52649	35.18821	1
1616.53	1617.236	949.2357	78.27	59.14	77.59	71.27	58.94972	0.56433	40.48595	19.17012	21.31583	35.87012	1
1616.535	1617.24	949.2404	77.15	28.63	76.43	73.15	67.67354	0	32.32646	9.075606	23.25085	35.10317	1
1616.54	1617.245	949.245	79.94	38.47	78.35	75.89	69.46796	0	30.53204	13.42122	17.11082	34.34759	1
1616.545	1617.25	949.2497	80.15	21.87	79.51	79.94	65.92946	0	34.07054	16.43617	17.63437	34.92705	1
1616.55	1617.254	949.2544	85.31	86.47	82.59	84.35	61.66906	0	38.33094	11.30234	27.0286	32.50527	1
1616.555	1617.259	949.2591	91.67	117.31	88.12	83.85	54.78708	0	45.21292	17.72121	27.49171	31.26369	1
1616.56	1617.264	949.2638	95.84	112.92	94.98	89.71	31.16556	9.670819	59.16362	30.97999	28.18363	32.95679	1
1616.565	1617.268	949.2685	98.31	87.22	99.04	95.58	22.79006	19.18098	58.02896	40.04691	17.98204	32.35638	1

1616.57	1617.273	949.2731	97.27	81.63	97.9	97.31	25.87464	17.10983	57.01553	42.30326	14.71227	31.92565	1
1616.575	1617.278	949.2778	90.81	123.11	90.77	81.19	26.97218	11.57399	61.45383	31.92611	29.52773	33.36624	1
1616.58	1617.282	949.2825	84.2	97.88	82.13	75.59	54.89154	0.744702	44.36376	21.17741	23.18635	34.96607	1
1616.585	1617.287	949.2872	80.57	68.95	78.35	73.8	66.3947	0	33.6053	17.79144	15.81386	34.39134	1
1616.59	1617.292	949.2919	78.14	44.45	75.78	75.39	75.6443	0	24.3557	4.641789	19.71391	33.36585	1
1616.595	1617.297	949.2965	76.09	12.28	75.87	75.33	68.73044	0	31.26956	23.48387	7.785693	34.67899	1
1616.6	1617.301	949.3012	74.57	12.97	74.25	73.62	70.73686	0	29.26314	16.64613	12.61701	34.37404	1
1616.605	1617.306	949.3059	75.52	26.88	74.33	72.21	73.23914	0	26.76086	7.856635	18.90423	34.33751	1
1616.61	1617.311	949.3106	77.35	28.5	76.15	74.66	71.241	0	28.759	15.29456	13.46444	34.31923	1
1616.615	1617.315	949.3153	77.71	29.63	76.27	74.92	72.49634	0	27.50366	17.8163	9.687356	34.11801	1
1616.62	1617.32	949.3199	78.82	30.94	77.98	76.9	66.50812	0	33.49188	8.974485	24.5174	34.84063	1
1616.625	1617.325	949.3246	82.32	38.83	81.48	80.56	61.37874	0	38.62126	23.65597	14.96529	35.67333	1
1616.63	1617.329	949.3293	82.95	61.37	81.83	80.69	57.51446	0.698631	41.78691	15.72067	26.06624	34.92938	1
1616.635	1617.334	949.334	85.6	58.72	84.92	85.61	52.30776	2.560065	45.13217	24.44914	20.68304	33.94187	1
1616.64	1617.339	949.3387	87.5	44.49	87.65	87.06	47.57092	5.243735	47.18535	19.78765	27.39769	33.78534	1
1616.645	1617.343	949.3433	84.56	55.3	83.94	82.57	53.6272	2.177795	44.19501	23.07506	21.11994	34.51816	1
1616.65	1617.348	949.348	80.8	62.87	79.84	75.53	57.88946	0.731689	41.37885	15.07752	26.30133	35.40689	1
1616.655	1617.353	949.3527	79.18	69.34	78.29	75.79	57.27162	0.979989	41.74839	14.67449	27.0739	34.73612	1
1616.66	1617.357	949.3574	79.92	55.1	79.31	77.8	57.8669	0.854028	41.27907	28.67505	12.60402	34.97273	1
1616.665	1617.362	949.3621	78.87	36.77	78.11	76.8	64.43126	0	35.56874	13.64431	21.92443	35.1238	1
1616.67	1617.367	949.3668	83.03	47.15	82.33	80.41	57.6271	0.927304	41.4456	28.05397	13.39163	35.3368	1
1616.675	1617.371	949.3714	84.24	51.11	83.79	83.51	53.61808	2.305406	44.07651	24.49193	19.58459	34.36177	1
1616.68	1617.376	949.3761	82.19	42.53	81.55	82.92	59.05294	0.541411	40.40565	22.10647	18.29918	35.01916	1
1616.685	1617.381	949.3808	79.16	45.3	77.76	75.5	67.0602	0	32.9398	11.79228	21.14752	34.61165	1
1616.69	1617.385	949.3855	74.14	16.93	74.02	74.09	68.62414	0	31.37586	12.24384	19.13202	34.37191	1
1616.695	1617.39	949.3902	73.24	22.45	73.15	71.98	67.8838	0	32.1162	22.14491	9.97129	34.55646	1
1616.7	1617.395	949.3948	67.45	8.54	67.13	65.53	78.35932	0	21.64068	20.39167	1.249008	33.98257	1
1616.705	1617.4	949.3995	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1617.045	1617.727	949.7266	79.32	25.19	78.5	77.44	67.28462	0	32.71538	23.29949	9.415891	34.83685	1
1617.05	1617.732	949.7322	82.21	56.05	81.09	77.68	59.4827	0.174034	40.34327	10.23269	30.11058	35.74715	1
1617.055	1617.738	949.7379	86.6	111.31	85.23	83.51	44.00848	4.162916	51.8286	36.46342	15.36519	32.65753	1
1617.06	1617.744	949.7435	78.53	21.86	77.69	76.03	68.97228	0	31.02772	11.45638	19.57134	34.75135	1
1617.065	1617.749	949.7492	80.89	27.26	79.86	79.23	66.96678	0	33.03322	7.08685	25.94637	34.72278	1
1617.07	1617.755	949.7548	82.82	39.44	81.95	79.57	61.00362	0	38.99638	11.81164	27.18474	36.00823	1
1617.075	1617.76	949.7605	82.67	84.8	80.38	76.94	61.1695	0	38.8305	22.18913	16.64137	34.41476	1
1617.08	1617.766	949.7661	82.01	68.74	80.52	74.15	59.46322	0.026399	40.51038	8.772306	31.73808	36.05077	1
1617.085	1617.772	949.7718	78.41	29.21	77.6	75.57	67.07148	0	32.92852	16.21613	16.71239	34.9574	1
1617.09	1617.777	949.7774	77.1	28.76	77.21	76.55	61.25558	0	38.74442	7.647512	31.09691	35.69959	1
1617.095	1617.783	949.7831	79.05	57.59	78.47	74.64	57.83222	0.873121	41.29466	14.04526	27.2494	35.29054	1
1617.1	1617.789	949.7887	82.84	112.84	82.05	75	42.60242	5.05661	52.34097	36.02815	16.31282	33.23902	1
1617.105	1617.794	949.7944	90.05	105.32	90.72	87.85	26.47406	12.94091	60.58503	36.39013	24.19489	32.26205	1
1617.11	1617.8	949.8	92.98	70.23	92.59	92.67	40.48524	7.634953	51.87981	23.92059	27.95922	32.78404	1
1617.115	1617.806	949.8057	88.09	77.91	86.35	84.1	53.58798	0.982437	45.42958	29.32573	16.10386	34.59381	1
1617.12	1617.811	949.8113	82.55	53.44	82.06	80.76	54.91902	1.795964	43.28502	15.39927	27.88575	34.62229	1
1617.125	1617.817	949.817	84.08	54.76	83.83	83.73	51.33198	3.10113	45.56689	18.95932	26.60757	33.91696	1
1617.13	1617.823	949.8227	85.68	52.5	84.68	85.14	56.2194	1.14514	42.63546	30.84265	11.79281	34.72421	1
1617.135	1617.828	949.8283	88.68	88.08	88.95	87.3	35.00654	9.277486	55.71597	21.00536	34.71061	32.38558	1
1617.14	1617.834	949.834	84.85	87.62	83.42	80.78	51.81646	1.995629	46.18791	19.86335	26.32456	33.9918	1
1617.145	1617.84	949.8396	76.54	33.95	75.5	74.62	69.4273	0	30.5727	13.29488	17.27782	34.34844	1
1617.15	1617.845	949.8453	78.78	74.43	76.43	73.05	67.72284	0	32.27716	5.360733	26.91643	34.17103	9
1617.155	1617.851	949.8509	89.9	113.07	87.79	84.75	46.28156	2.326862	51.39158	27.29436	24.09721	33.40252	9
1617.16	1617.857	949.8566	100.97	95.75	101.8	104.69	17.5036	23.52929	58.96711	36.84855	22.11857	31.05541	9
1617.165	1617.862	949.8622	106.07	95.26	107.3	107.48	9.83018	34.66319	55.50663	47.15025	8.356385	31.12011	9
1617.17	1617.868	949.8679	109.08	97.97	110.3	111.22	6.48266	40.61689	52.90045	45.09865	7.801806	-9999	9
1617.175	1617.874	949.8735	108.62	100.3	109.26	110.4	10.837	33.44962	55.71338	45.08648	10.62691	30.82519	9
1617.18	1617.879	949.8792	106.96	93.06	107.5	106.28	14.89128	29.2051	55.90362	46.13182	9.771798	31.37681	9
1617.185	1617.885	949.8848	108.66	96.61	109.24	108.51	12.15818	32.62024	55.22158	43.15704	12.06454	31.12368	9
1617.19	1617.89	949.8905	104.43	115.18	105.62	107.36	6.82834	32.79397	60.37769	49.98508	10.39262	-9999	9
1617.195	1617.896	949.8961	112.88	125.22	115.34	116.84	0	68.88225	31.11775	31.11775	0	-9999	9
1617.2	1617.902	949.9018	125.68	108.02	127.16	128.37	0	100	0	0	0	-9999	9
1617.205	1617.907	949.9074	136.15	83.91	137.15	139.04	0	100	0	0	0	-9999	9
1617.21	1617.913	949.9131	140.51	84.34	141.31	142.22	0	100	0	0	0	-9999	9
1617.215	1617.919	949.9187	143.16	65.4	143.72	143.68	0	100	0	0	0	-9999	9
1617.22	1617.924	949.9244	142.25	62.67	142.78	143.45	0	100	0	0	0	-9999	9
1617.225	1617.93	949.93	120.35	134.99	119.8	114.48	0.87292	40.97589	58.15119	58.15119	0	-9999	9
1617.23	1617.936	949.9357	113.18	126.68	114.2	109.22	0	49.32668	50.67332	50.67332	0	-9999	9
1617.235	1617.941	949.9413	107.92	109.93	105.39	100.06	33.71804	2.268957	64.013	35.66996	28.34305	34.29741	9
1617.24	1617.947	949.947	98.37	20.5	97.98	98.05	47.5611	7.64793	44.79097	32.17089	12.62008	34.1273	9
1617.245	1617.953	949.9526	102.58	98.72	102.06	100.21	25.76616	15.28495	58.94889	38.00364	20.94525	32.23519	9
1617.25	1617.958	949.9583	110.33	180.05	111.43	112.08	0	47.4143	52.5857	52.5857	0	-9999	9
1617.255	1617.964	949.964	110.88	137.8	111.34	112.95	1.0778	37.95814	60.96406	60.96406	0	-9999	9
1617.26	1617.97	949.9696	107.74	303.12	105.61	109.98	0	18.85508	81.14492	81.14492	0	-9999	9
1617.265	1617.975	949.9753	125.64	83.77	126.61	128.08	0	87.30745	12.69255	12.69255	0	-9999	9

1617.27	1617.981	949.9809	125.09	88.2	125.52	126.95	0.2403	71.81742	27.94228	27.94228	0	-9999	9
1617.275	1617.987	949.9866	123.72	90.86	124.29	127.06	0	70.30813	29.69187	29.69187	0	-9999	9
1617.28	1617.992	949.9922	122.58	107.08	123.47	129.02	0	74.39619	25.60381	25.60381	0	-9999	9
1617.285	1617.998	949.9979	120.53	91.45	121.45	123.73	0	66.61498	33.38502	33.38502	0	-9999	9
1617.29	1618.004	950.0035	115.19	115.11	116.16	117.51	0	52.93737	47.06263	47.06263	0	-9999	9
1617.295	1618.009	950.0092	100.24	104.95	99.27	94.68	29.8988	10.88113	59.22007	31.07705	28.14302	32.97397	9
1617.3	1618.015	950.0148	96.33	80.29	95.26	95.5	40.23872	6.582887	53.17839	35.42406	17.75434	32.84087	9
1617.305	1618.02	950.0205	104.58	181.44	106	105.22	0	39.61793	60.38207	60.38207	0	-9999	9
1617.31	1618.026	950.0261	107.95	193.76	110.57	112.37	0	60.40051	39.59949	39.59949	0	-9999	9
1617.315	1618.032	950.0318	111.79	159.52	112.22	110.66	0	40.75386	59.24614	59.24614	0	-9999	9
1617.32	1618.037	950.0374	111.04	128.02	110.49	108.51	11.12486	25.66885	63.20629	38.89769	24.3086	32.06463	9
1617.325	1618.043	950.0431	123.02	124.19	123.84	123.27	0	75.64981	24.35019	24.35019	0	-9999	9
1617.33	1618.049	950.0487	123.82	181.4	125.5	130.71	0	100	0	0	0	-9999	9
1617.335	1618.054	950.0544	121.66	165.95	122.14	121.98	0	66.45376	33.54624	33.54624	0	-9999	9
1617.34	1618.06	950.06	100.5	121.91	99.04	95.08	29.35278	8.959475	61.68775	37.05789	24.62985	32.88807	9
1617.345	1618.066	950.0657	78.42	42.18	78.17	74.5	59.58354	0.426836	39.98962	23.27561	16.71402	35.82817	9
1617.35	1618.071	950.0713	82.52	43.31	81.72	79.8	59.80058	0.249671	39.94975	13.2644	26.68535	35.77047	2
1617.355	1618.077	950.077	84.51	61.73	83.35	79.21	56.30214	0.973899	42.72396	20.41985	22.30411	35.36575	2
1617.36	1618.083	950.0826	85.38	82.42	84.35	80.27	49.48726	2.987828	47.52491	24.2339	23.29101	34.05216	2
1617.365	1618.088	950.0883	82.85	61.38	82.18	76.17	54.11654	1.920136	43.96332	15.13129	28.83203	35.24694	2
1617.37	1618.094	950.0939	77.46	32.67	77.27	78.31	62.30316	0	37.69684	23.84969	13.84715	35.12997	2
1617.375	1618.1	950.0996	81.09	89.14	79.85	76.35	53.43532	1.869113	44.69557	26.73447	17.9611	34.07734	2
1617.38	1618.105	950.1053	83.74	89.21	82.8	82.53	48.65538	3.27795	48.06667	17.66904	30.39763	33.02948	2
1617.385	1618.111	950.1109	87.9	120.4	89.9	84.77	14.4952	17.83905	67.66575	42.10028	25.56546	33.07449	2
1617.39	1618.117	950.1166	87.72	98.67	89.02	92.21	25.34446	13.41088	61.24466	40.51998	20.72468	31.20166	2
1617.395	1618.122	950.1222	85.79	56.69	85.69	86.73	48.12922	4.390121	47.48066	32.92768	14.55298	33.32496	2
1617.4	1618.128	950.1279	78.59	17.24	78.43	78.19	64.76512	0	35.23488	13.39578	21.8391	35.33618	2
1617.405	1618.134	950.1335	75.61	9.55	75.41	76.15	69.6777	0	30.3223	16.34748	13.97482	34.32814	2
1617.41	1618.139	950.1392	76.2	10.83	75.94	76.55	69.29014	0	30.70986	21.50228	9.20758	34.4203	2
1617.415	1618.145	950.1448	76.56	7.86	76.78	77.12	65.95768	0	34.04232	25.29312	8.749196	35.02374	2
1617.42	1618.15	950.1505	76.28	15.3	76.13	76.46	67.2823	0	32.7177	16.30972	16.40798	34.66874	2
1617.425	1618.156	950.1561	78.5	39.81	77.12	75.49	68.84098	0	31.15902	9.563554	21.59547	34.37636	2
1617.43	1618.162	950.1618	82.46	57.65	81.98	78.84	53.9055	2.080013	44.01449	16.7642	27.25029	34.72332	2
1617.435	1618.167	950.1674	88.67	117.35	89.06	91.41	27.0024	11.71918	61.27842	33.24952	28.0289	31.15195	2
1617.44	1618.173	950.1731	84.77	95.18	84.59	82	40.37304	6.309697	53.31726	34.74578	18.57149	32.6352	2
1617.445	1618.179	950.1787	80.58	51.34	79.94	77.27	58.40212	0.69749	40.90039	23.03709	17.8633	35.38439	2
1617.45	1618.184	950.1844	78.95	48.24	78.59	75.22	58.48192	0.728115	40.78996	16.3192	24.47076	35.48807	2
1617.455	1618.19	950.19	78.77	47.31	78.35	74.86	59.33758	0.47765	40.18477	14.83474	25.35003	35.67034	2
1617.46	1618.196	950.1957	78.75	53.24	77.98	75.29	60.63342	0.072808	39.29377	9.619987	29.67378	35.64655	2
1617.465	1618.201	950.2013	78.74	65.29	78.44	77.93	54.08402	1.960708	43.95527	25.07759	18.87768	33.91398	2
1617.47	1618.207	950.207	78.29	68.11	77.57	75.27	57.07058	1.085518	41.8439	15.05564	26.78827	34.6239	2
1617.475	1618.213	950.2126	77.64	91.72	77.49	74.66	47.53746	3.777863	48.68468	31.8832	16.80148	32.96698	2
1617.48	1618.218	950.2183	75.52	73.71	74.89	72.94	57.56628	1.057341	41.37638	28.74041	12.63597	34.34497	2
1617.485	1618.224	950.2239	73.75	48.12	73.78	74.68	60.27246	0.176418	39.55112	22.92424	16.62688	34.71832	2
1617.49	1618.23	950.2296	70.18	21.78	69.88	69.57	72.48864	0	27.51136	7.076884	20.43448	33.91779	2
1617.495	1618.235	950.2352	66.87	25.97	66.18	64.89	77.54236	0	22.45764	21.88356	0.574085	34.07166	2
1617.5	1618.241	950.2409	69.61	43.98	68.74	68.15	72.05814	0	27.94186	23.04476	4.897102	34.08904	2
1617.505	1618.247	950.2466	70	57.51	69.13	68.61	68.42508	0	31.57492	17.58768	13.98724	34.25988	2
1617.51	1618.252	950.2522	67.37	21.41	67.33	65.84	73.14838	0	26.85162	7.593178	19.25844	33.91604	2
1617.515	1618.258	950.2579	64.58	23.45	64.29	63.57	77.159	0	22.841	12.23417	10.60683	33.76983	2
1617.52	1618.264	950.2635	67.5	42.02	66.37	63.92	76.48866	0	23.51134	13.39173	10.11961	34.473	2
1617.525	1618.269	950.2692	67.54	27.3	67.11	64.52	74.5891	0	25.4109	8.233731	17.17717	34.23389	2
1617.53	1618.275	950.2748	68.65	31.95	68.25	66.13	72.2101	0	27.7899	5.163055	22.62685	34.22799	2
1617.535	1618.28	950.2805	72.64	23.92	71.84	70.27	73.58256	0	26.41744	21.10222	5.315223	34.2356	2
1617.54	1618.286	950.2861	74.98	26.66	74.29	72.66	69.91418	0	30.08582	23.6466	6.439217	34.51283	2
1617.545	1618.292	950.2918	78.04	54.71	77.33	72.33	60.46588	0.147189	39.38693	19.95328	19.43365	35.96561	2
1617.55	1618.297	950.2974	78.69	32.5	78.13	76.68	64.0802	0	35.9198	14.32049	21.59931	35.31169	2
1617.555	1618.303	950.3031	74.61	33.89	73.76	72.39	69.74492	0	30.25508	15.62151	14.63357	34.41207	2
1617.56	1618.309	950.3087	84.69	197.01	80.27	77.35	48.66378	1.154883	50.18134	28.58099	21.60035	31.76655	9
1617.565	1618.314	950.3144	97.03	316.92	93.39	82.37	2.24776	9.457679	88.29456	84.91899	3.375569	-9999	9
1617.57	1618.32	950.32	110.96	287.77	113.57	111.96	0	75.59698	24.40302	24.40302	0	-9999	9
1617.575	1618.326	950.3257	119.82	227.62	122.53	130.62	0	100	0	0	0	-9999	9
1617.58	1618.331	950.3313	125.47	135.44	126.44	130.22	0	90.03635	9.963651	9.963651	0	-9999	9
1617.585	1618.337	950.337	130.67	114.95	130.86	130.9	0	89.69778	10.30222	10.30222	0	-9999	9
1617.59	1618.343	950.3426	136.01	102.42	136.72	136.88	0	100	0	0	0	-9999	9
1617.595	1618.348	950.3483	132.88	97.9	133.66	137.77	0	100	0	0	0	-9999	9
1617.6	1618.354	950.3539	130	92.91	130.41	129.86	0	92.06519	7.934812	7.934812	0	-9999	9
1617.605	1618.36	950.3596	126.12	127.45	126.88	128.57	0	86.9194	13.0806	13.0806	0	-9999	9
1617.61	1618.365	950.3652	118.73	166.23	119.85	121.05	0	69.42938	30.57062	30.57062	0	-9999	9
1617.615	1618.371	950.3709	121.42	182.66	123.1	128.04	0	92.0105	7.989497	7.989497	0	-9999	9
1617.62	1618.377	950.3765	126.87	122.21	127.84	131.78	0	95.58888	4.411122	4.411122	0	-9999	9
1617.625	1618.382	950.3822	127.04	114.78	128.05	130.61	0	97.00784	2.99216	2.99216	0	-9999	9
1617.63	1618.388	950.3879	119.86	200.46	120.9	121.23	0	74.03573	25.96427	25.96427	0	-9999	9

1617.635	1618.394	950.3935	109.41	248.81	110.02	114.82	0	44.53376	55.46624	55.46624	0	-9999	9
1617.64	1618.399	950.3992	110.13	197.4	111.31	116.28	0	49.11239	50.88761	50.88761	0	-9999	9
1617.645	1618.405	950.4048	114.14	125.63	114.22	114.94	3.96874	38.30534	57.72592	57.72592	0	-9999	9
1617.65	1618.41	950.4105	117.85	192.41	118.12	114.76	0	53.71004	46.28996	46.28996	0	-9999	9
1617.655	1618.416	950.4161	117.27	187.16	116.65	113.72	0	37.70942	62.29058	62.29058	0	-9999	9
1617.66	1618.422	950.4218	106	137.99	105.18	102.9	15.44142	18.36762	66.19096	38.14555	28.0454	32.41354	9
1617.665	1618.427	950.4274	93.43	93.43	94.43	94.35	23.68434	16.37266	59.943	45.8177	14.1253	31.82129	9
1617.67	1618.433	950.4331	92.65	65.16	93.65	93.84	31.24328	13.77342	54.9833	24.80009	30.18321	32.08582	9
1617.675	1618.439	950.4387	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1618.005	1618.811	950.8109	116.69	62.04	117.05	119.15	14.84152	43.59934	41.55914	32.21526	9.343878	28.67034	-9999
1618.01	1618.816	950.8156	109.55	95.1	109.57	109.18	16.0448	27.82723	56.12797	34.26107	21.8669	31.18605	-9999
1618.015	1618.82	950.8204	114.76	124.86	114.03	116	9.86218	28.08762	62.0502	55.86441	6.185793	31.1165	-9999
1618.02	1618.825	950.8252	112.43	188.13	110.13	104.06	8.86194	10.85319	80.28487	73.54093	6.743938	34.55458	-9999
1618.025	1618.83	950.8299	112.02	156.7	110.76	111.24	8.7852	20.42974	70.78506	55.73441	15.05064	32.37915	-9999
1618.03	1618.835	950.8347	104.82	140.43	103.3	99.41	21.36154	11.83175	66.80671	37.81602	28.99069	32.87675	-9999
1618.035	1618.839	950.8395	100.51	56.39	100.01	98.88	37.75942	10.92964	51.31094	25.85423	25.45671	32.95034	-9999
1618.04	1618.844	950.8443	100.56	48.23	100.29	98.16	37.90564	11.99727	50.09709	26.26779	23.8293	33.1158	-9999
1618.045	1618.849	950.849	95.1	85.77	94.47	92.22	36.63416	8.654691	54.71115	33.40446	21.30668	32.83958	-9999
1618.05	1618.854	950.8538	92.15	74.98	91.35	90.1	43.27684	5.681681	51.04148	32.06895	18.97253	33.25618	-9999
1618.055	1618.859	950.8586	92.57	58.6	92.05	90.61	44.6844	6.031819	49.28378	25.15119	24.13259	33.61187	-9999
1618.06	1618.863	950.8633	94.4	48.49	94.22	94.08	42.81242	8.035026	49.15255	18.31806	30.8345	33.25553	-9999
1618.065	1618.868	950.8681	93.16	44.22	92.83	94.1	46.14906	6.262932	47.58801	30.38872	17.19929	33.43397	-9999
1618.07	1618.873	950.8729	96.9	32.14	97.05	97.24	41.91162	10.55445	47.53393	17.03123	30.50271	33.15943	-9999
1618.075	1618.878	950.8776	95.43	40.8	94.97	94.85	45.8958	6.696715	47.40748	33.19422	14.21326	33.75289	-9999
1618.08	1618.882	950.8824	94.07	53.97	93.91	92.43	41.63486	8.296509	50.06863	25.56105	24.50758	33.32154	-9999
1618.085	1618.887	950.8872	95.43	44.62	95.3	95.34	42.41386	8.717198	48.86894	25.65571	23.21323	33.21124	-9999
1618.09	1618.892	950.8919	93.37	51.32	92.64	91.48	47.33766	4.956314	47.70603	19.62823	28.07779	34.02219	-9999
1618.095	1618.897	950.8967	92.19	36.21	91.96	91.65	48.20488	5.642906	46.15221	19.6116	26.54062	34.0521	-9999
1618.1	1618.901	950.9015	92.82	45.52	92.51	91.85	45.99226	6.254213	47.75353	16.86926	30.88427	33.74667	-9999
1618.105	1618.906	950.9062	90.54	39.43	90.12	90.06	50.41614	4.179917	45.40394	17.32089	28.08305	34.26052	-9999
1618.11	1618.911	950.911	91.53	134.94	89.55	89.57	38.48192	4.555376	56.9627	38.65586	18.30685	31.9666	2
1618.115	1618.916	950.9158	99.15	111.63	97.95	96.55	31.06754	9.283978	59.64848	33.39241	26.25607	32.41336	2
1618.12	1618.921	950.9206	96.83	76.18	95.78	93.5	40.61834	6.647703	52.73396	31.90947	20.82449	33.38453	2
1618.125	1618.925	950.9253	112.25	112.37	111.67	108.25	14.03146	25.80683	60.16171	41.71329	18.44843	32.02907	2
1618.13	1618.93	950.9301	111.48	158.48	109.43	107.47	14.97374	11.27828	73.74798	42.22004	31.52794	33.15438	2
1618.135	1618.935	950.9349	101.84	88.14	101.13	100.37	30.47982	12.59098	56.9292	41.70107	15.22814	32.29202	2
1618.14	1618.94	950.9396	95.41	203.31	93.79	88.84	15.57678	11.69003	72.73319	43.49932	29.23386	32.52381	2
1618.145	1618.944	950.9444	92.3	192.72	90.58	83.59	21.77576	9.689538	68.5347	42.68157	25.85313	32.42456	2
1618.15	1618.949	950.9492	85.17	103.52	82.93	79.07	53.95176	0.736292	45.31195	14.48596	30.82599	34.30338	2
1618.155	1618.954	950.9539	81.24	55.64	79.8	77.02	62.95432	0	37.04568	18.65727	18.38841	35.05471	2
1618.16	1618.959	950.9587	80.21	90	78.2	76.08	60.0043	0	39.9957	13.82077	26.17493	34.76263	2
1618.165	1618.963	950.9635	81.58	42.96	80.22	78.57	65.09008	0	34.90992	13.21386	21.69606	34.7415	2
1618.17	1618.968	950.9682	82.98	36.92	81.98	81.53	62.47376	0	37.52624	9.37786	28.14838	35.32145	2
1618.175	1618.973	950.973	83.92	36.85	83.24	82.65	59.1459	0.552371	40.30173	19.33655	20.96517	35.58277	2
1618.18	1618.978	950.9778	80.49	71.74	78.67	76.44	62.69312	0	37.30688	6.650037	30.65684	34.6247	2
1618.185	1618.983	950.9826	77.81	35.91	77.47	76.47	62.35958	0	37.64042	13.94245	23.69797	35.44177	2
1618.19	1618.987	950.9873	78.51	33.42	77.55	77.06	67.12316	0	32.87684	11.24086	21.63598	34.55946	2
1618.195	1618.992	950.9921	77.66	28.28	76.78	74.39	68.52904	0	31.47096	11.39782	20.07314	34.81152	2
1618.2	1618.997	950.9969	82.09	45.66	80	78.25	69.62498	0	30.37502	16.51217	13.86285	33.64382	2
1618.205	1619.002	951.0016	87.56	32.97	86.69	84.14	58.20856	0.832663	40.95878	18.77591	22.18286	36.03564	2
1618.21	1619.006	951.0064	88.27	24.38	87.72	86.65	57.15414	1.661937	41.18392	15.19952	25.9844	35.70055	2
1618.215	1619.011	951.0112	85.78	24.73	85.45	84	57.65524	1.467227	40.87753	17.34208	23.53545	35.73752	2
1618.22	1619.016	951.0159	89.43	50.8	88.12	87.94	55.5833	1.010544	43.40616	29.45217	13.95399	34.99545	2
1618.225	1619.021	951.0207	89.74	26.27	89.57	89.65	52.39936	3.923079	43.67756	15.7015	27.97606	34.6586	2
1618.23	1619.025	951.0255	93.15	54.86	92.14	89.61	48.85338	3.794813	47.35181	19.26638	28.08542	34.47344	2
1618.235	1619.03	951.0302	93.21	66.65	91.82	85.32	48.89	2.87885	48.23115	21.97626	26.25489	35.12987	2
1618.24	1619.035	951.035	90.18	62.56	88.89	88.29	51.89238	2.095761	46.01186	29.79959	16.21227	34.34432	2
1618.245	1619.04	951.0398	88.12	35.56	87.24	86.86	57.14408	1.159103	41.69682	26.94626	14.75055	35.42615	2
1618.25	1619.045	951.0446	87.9	36.92	86.9	83.63	57.94736	0.751064	41.30158	28.46022	12.84136	36.08675	2
1618.255	1619.049	951.0493	88.23	50.12	86.8	83.17	57.78186	0.215825	42.00232	24.89882	17.1035	35.97463	2
1618.26	1619.054	951.0541	86.55	40.44	85.57	84.2	58.18252	0.646312	41.17117	10.34661	30.82456	35.6482	2
1618.265	1619.059	951.0589	84.65	24.05	84.39	83.67	58.3169	1.211059	40.47204	29.33037	11.14167	35.68325	2
1618.27	1619.064	951.0636	88.61	72.36	86.24	82.02	59.33518	0	40.66482	13.73238	26.93244	34.07795	2
1618.275	1619.068	951.0684	89.28	89.57	86	83.67	61.60646	0	38.39354	17.03063	21.36291	31.3759	2
1618.28	1619.073	951.0732	88.83	58.71	87.35	85.38	55.53858	0.76165	43.69977	25.35501	18.34476	35.17805	2
1618.285	1619.078	951.0779	86.3	59.43	85.5	85.28	52.42194	2.445849	45.13221	22.71216	22.42005	34.14383	2
1618.29	1619.083	951.0827	88.84	80.82	87.77	83.91	47.00126	3.756346	49.24239	20.7067	28.5357	33.93221	2
1618.295	1619.087	951.0875	91.79	110.51	90.41	88.96	39.50478	5.444292	55.05093	26.84048	28.21045	32.5765	2
1618.3	1619.092	951.0922	90.96	53.11	90.48	88.84	47.18418	5.051007	47.76481	30.17984	17.58497	33.95699	2
1618.305	1619.097	951.097	89.61	43.2	89.28	89.14	49.6619	4.359826	45.97827	30.48061	15.49766	34.07759	2
1618.31	1619.102	951.1018	87.57	36.98	87.12	85.96	53.97394	2.593594	43.43247	26.26563	17.16683	34.93997	2
1618.315	1619.107	951.1065	90.61	71.81	88.93	87.67	52.28078	1.305329	46.41389	20.42268	25.99121	34.46378	2
1618.32	1619.111	951.1113	88.3	82.46	86.75	84.67	50.82118	1.993002	47.18582	28.16974	19.01608	34.07169	2

1618.325	1619.116	951.1161	88.85	119.19	85.43	81.96	55.91902	0	44.08098	15.89054	28.19044	32.16189	2
1618.33	1619.121	951.1209	97.02	157.95	97.15	88.89	11.5102	19.02702	69.46278	62.79765	6.665127	33.59125	2
1618.335	1619.126	951.1256	103.92	102.3	103.76	102.14	20.877	19.61152	59.51148	39.81142	19.70006	31.95824	2
1618.34	1619.13	951.1304	94.3	146.6	94.25	89.73	18.1543	15.25595	66.58975	50.5523	16.03745	32.5238	2
1618.345	1619.135	951.1352	95.14	123.87	94.46	92.74	27.76466	10.98967	61.24567	30.51881	30.72686	32.0723	2
1618.35	1619.14	951.1399	97.96	114.37	96.94	96.21	30.10426	9.953294	59.94245	29.17366	30.76879	32.15505	2
1618.355	1619.145	951.1447	100.37	56.77	100.09	99.39	36.09126	12.34698	51.56176	34.40564	17.15612	32.65602	2
1618.36	1619.149	951.1495	99.7	68.13	99.78	99.55	31.16854	14.97355	53.85791	29.02251	24.83541	32.10725	2
1618.365	1619.154	951.1542	96.59	118.76	95.02	94.21	34.56478	6.610729	58.82449	24.21218	34.61231	32.3687	2
1618.37	1619.159	951.159	96.69	108.61	95.43	91.79	34.52658	7.626095	57.84733	40.77156	17.07577	32.92667	2
1618.375	1619.164	951.1638	92.65	67.08	91.19	89.32	49.84364	2.424219	47.73214	30.4925	17.23964	34.38117	2
1618.38	1619.169	951.1685	90.28	62.69	88.04	85.55	59.13142	0	40.86858	19.12235	21.74623	33.96671	2
1618.385	1619.173	951.1733	90.44	44.96	89.28	87.96	54.90488	1.501067	43.59405	31.31326	12.28079	35.2118	2
1618.39	1619.178	951.1781	92.49	43.1	91.64	88.32	51.0665	3.453059	45.48044	26.63328	18.84716	35.03411	2
1618.395	1619.183	951.1829	92.79	47.3	91.55	89.59	52.7966	2.107348	45.09605	31.99467	13.10138	35.07676	2
1618.4	1619.188	951.1876	93.85	26.79	93.48	93.12	50.04232	5.285411	44.67227	23.92428	20.74799	34.48091	2
1618.405	1619.192	951.1924	107.13	39.8	106.89	106.69	33.6688	18.22703	48.10417	32.65699	15.44717	32.0455	2
1618.41	1619.197	951.1972	96.87	35.78	96.47	95.65	45.32084	7.591536	47.08762	32.25593	14.8317	33.85014	2
1618.415	1619.202	951.2019	95.86	35.89	95.26	94.41	47.77342	5.869736	46.35684	17.5934	28.76344	34.22143	2
1618.42	1619.207	951.2067	101	62.49	100.78	99.61	33.66242	13.68593	52.65165	27.13942	25.51222	32.50158	2
1618.425	1619.211	951.2115	96.25	36.36	95.39	94.49	49.31588	4.711144	45.97298	19.3148	26.65818	34.51697	2
1618.43	1619.216	951.2162	93.04	30.57	92.08	91.32	54.44526	2.3398	43.21494	31.80848	11.40646	35.31095	2
1618.435	1619.221	951.221	92.78	33.72	92.32	91.78	50.04716	4.736759	45.21608	13.73339	31.48269	34.42965	2
1618.44	1619.226	951.2258	92.53	36.84	91.88	92.61	50.99462	3.950893	45.05449	14.26945	30.78504	34.32314	2
1618.445	1619.231	951.2305	90.82	31.23	90.18	88.3	53.84794	2.838338	43.31372	28.14735	15.16637	35.27644	2
1618.45	1619.235	951.2353	90.01	31.77	89.13	88.09	56.32246	1.573137	42.1044	27.62714	14.47726	35.54271	2
1618.455	1619.24	951.2401	94.14	38.15	93.19	91.35	51.5214	3.367849	45.11075	28.89566	16.21509	34.96809	2
1618.46	1619.245	951.2448	95.4	33.29	95.05	94.41	46.88832	6.755329	46.35635	30.12392	16.23243	34.027	1
1618.465	1619.25	951.2496	94.96	37.7	94.64	93.86	45.9934	6.937031	47.06957	22.51139	24.55818	33.8816	1
1618.47	1619.254	951.2544	95.22	35.04	95.2	94.63	44.07292	8.515227	47.41185	15.19954	32.21232	33.57406	1
1618.475	1619.259	951.2592	96.68	36.07	96.32	95.14	45.11546	7.712993	47.17155	30.33845	16.8331	33.87731	1
1618.48	1619.264	951.2639	104.08	76.17	103.79	100.61	28.06076	16.94022	54.99902	23.59703	31.40199	32.44399	1
1618.485	1619.269	951.2687	103.48	42.39	103.42	103.76	35.00502	15.92327	49.07171	19.77615	29.29556	32.22248	1
1618.49	1619.273	951.2735	104.33	22.78	103.76	103.12	42.92114	11.26732	45.81154	23.59586	22.21568	33.52107	1
1618.495	1619.278	951.2782	101.88	26.54	101.85	102.67	40.08022	13.45808	46.4617	31.02988	15.43182	32.75631	1
1618.5	1619.283	951.283	100.36	43.14	99.71	97.89	42.26642	8.911364	48.82222	20.5647	28.25752	33.67099	1
1618.505	1619.288	951.2878	98.77	44.23	97.74	96.56	46.41044	5.580942	48.00862	29.65138	18.35723	34.17818	1
1618.51	1619.293	951.2925	96.98	46.85	96.41	95.14	43.8582	7.439523	48.70228	32.14971	16.55257	33.69614	1
1618.515	1619.297	951.2973	95.07	42.93	94.82	94.45	44.08404	7.725803	48.19016	27.64949	20.54067	33.50804	1
1618.52	1619.302	951.3021	96.54	42.81	96.53	97.39	40.90068	10.06237	49.03695	21.02519	28.01176	32.88359	1
1618.525	1619.307	951.3068	99.39	35.03	99	98.65	43.10644	9.375048	47.51851	34.28024	13.23827	33.47768	1
1618.53	1619.312	951.3116	101.43	39.53	100.77	99.59	42.23314	9.366242	48.40062	31.45249	16.94813	33.56553	1
1618.535	1619.316	951.3164	100.89	88.32	99.77	98.67	34.48776	9.134367	56.37787	35.59019	20.78768	32.70526	1
1618.54	1619.321	951.3212	99.71	45.67	99.48	98.74	38.99716	11.39308	49.60976	31.10344	18.50632	32.9788	1
1618.545	1619.326	951.3259	101.32	33.33	101.39	101.94	38.17724	14.1018	47.72096	23.74119	23.97977	32.56711	1
1618.55	1619.331	951.3307	101.54	41.3	101.5	101.04	36.8986	14.04943	49.05197	23.92222	25.12976	32.63011	1
1618.555	1619.335	951.3355	101.65	55.46	100.69	99.49	40.50068	8.472756	51.02656	17.78686	33.23971	33.39168	1
1618.56	1619.34	951.3402	97.88	40.51	97.22	99.33	45.26198	7.041929	47.69609	22.71623	24.97986	33.33148	1
1618.565	1619.345	951.345	97.39	30.73	97.26	98.5	43.97204	9.190764	46.8372	26.85212	19.98507	33.27225	1
1618.57	1619.35	951.3498	96.57	32.89	96.82	97.67	41.25872	10.91656	47.82472	31.05095	16.77377	32.94175	1
1618.575	1619.355	951.3545	96.72	33.03	96.96	97.25	41.16434	10.99318	47.84248	19.51519	28.3273	33.03299	1
1618.58	1619.359	951.3593	99.73	49.71	99.81	99.68	35.59858	13.75778	50.64364	31.03946	19.60418	32.45354	1
1618.585	1619.364	951.3641	97.8	66.79	98.09	95.49	31.61332	14.5113	53.87538	30.6162	23.25918	32.57705	1
1618.59	1619.369	951.3688	100.73	71.75	100.27	98.69	33.5299	12.40963	54.06047	38.32492	15.73555	32.60827	1
1618.595	1619.374	951.3736	99.78	55.71	99.46	99	37.20058	11.52986	51.26956	28.60099	22.66857	32.73049	1
1618.6	1619.378	951.3784	98.97	50.43	98.84	96.77	37.75104	11.76315	50.48581	30.27989	20.20592	33.06596	1
1618.605	1619.383	951.3831	96.19	60.48	95.61	93.79	41.36404	7.829343	50.80662	19.94978	30.85684	33.39488	1
1618.61	1619.388	951.3879	97.41	64.06	96.71	95.28	40.30528	8.114313	51.58041	36.06494	15.51546	33.23319	1
1618.615	1619.393	951.3927	98.15	46.49	98.51	97.73	35.66142	13.90072	50.43786	29.19242	21.24544	32.57569	1
1618.62	1619.397	951.3975	100.34	37.72	100.65	100.86	36.15646	15.12766	48.71588	21.62371	27.09217	32.39346	1
1618.625	1619.402	951.4022	98.1	33.65	98.11	98.23	41.5272	10.79881	47.67399	27.9683	19.70568	33.12411	1
1618.63	1619.407	951.407	97.14	59.05	97.63	97.39	32.5436	14.6086	52.8478	21.5007	31.3471	32.20968	1
1618.635	1619.412	951.4118	93.39	52.08	91.78	86.83	53.95534	0.953966	45.09069	17.62027	27.47042	35.85288	1
1618.64	1619.417	951.4165	92.02	80.61	89.98	89.26	51.64398	0.725563	47.63046	31.77105	15.85941	34.28899	1
1618.645	1619.421	951.4213	91.41	60.39	90.04	89.33	51.90592	1.989943	46.10414	17.5099	28.59424	34.4744	1
1618.65	1619.426	951.4261	95.69	132.07	92.79	91.32	42.47926	0.686265	56.83447	28.64305	28.19142	33.10454	1
1618.655	1619.431	951.4308	92.89	77.07	92.04	91.73	42.47776	5.91863	51.60361	19.36146	32.24215	33.00931	1
1618.66	1619.436	951.4356	85.53	54.11	84.41	81.43	56.89778	0.835919	42.2663	19.69469	22.57161	35.43404	1
1618.665	1619.44	951.4404	91.33	53.24	90.94	91.02	46.11482	5.625414	48.25977	16.86587	31.3939	33.50458	1
1618.67	1619.445	951.4451	87.9	92.14	86.8	80.09	45.35912	4.125445	50.51543	31.80601	18.70942	34.0567	1
1618.675	1619.45	951.4499	82.81	39.35	81.9	80	61.3446	0	38.6554	13.26555	25.38985	35.81028	1
1618.68	1619.455	951.4547	84.62	42.58	83.9	82.09	57.42524	1.033233	41.54153	10.88287	30.65866	35.4308	1
1618.685	1619.459	951.4595	84.58	57.77	83.57	79.66	56.03356	1.171142	42.7953	23.39307	19.40222	35.33156	1

1618.69	1619.464	951.4642	85.67	56.45	85.02	81.31	52.5602	2.526528	44.91327	23.91893	20.99434	34.81163	1
1618.695	1619.469	951.469	83.33	44.96	82.95	82.86	55.40108	1.788295	42.81062	30.60404	12.20659	34.64646	1
1618.7	1619.474	951.4738	86.06	42.86	85.13	82.53	57.66018	0.828205	41.51162	20.93377	20.57785	35.70533	1
1618.705	1619.479	951.4785	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1619.025	1619.784	951.7837	118.01	70.53	118.31	118.88	12.03754	46.38461	41.57785	36.08837	5.489487	28.73816	-9999
1619.03	1619.789	951.7885	110.08	102.5	109.54	111.04	18.1064	22.88304	59.01056	38.88336	20.1272	31.18194	-9999
1619.035	1619.793	951.7933	107	79.91	106.27	105.84	27.87928	16.15852	55.9622	40.75375	15.20845	32.00787	-9999
1619.04	1619.798	951.7981	117.4	89.63	117.45	118.02	9.91404	42.08242	48.00354	44.14703	3.856515	29.5503	-9999
1619.045	1619.803	951.8028	122.2	62.63	122.47	122.91	10.32704	56.78774	32.88522	21.50738	11.37784	27.15665	-9999
1619.05	1619.808	951.8076	123.68	91.52	124.86	124.21	0	84.39372	15.60628	15.60628	0	-9999	-9999
1619.055	1619.812	951.8124	124.28	105.39	125.14	126.9	0	80.23198	19.76802	19.76802	0	-9999	-9999
1619.06	1619.817	951.8171	119.98	109.76	121.34	123.85	0	74.6115	25.3885	25.3885	0	-9999	-9999
1619.065	1619.822	951.8219	112.92	89.18	113.18	112.31	12.51704	35.966	51.51696	27.13928	24.37768	30.55161	-9999
1619.07	1619.827	951.8267	105.36	93.08	105.23	106.57	21.55094	20.80025	57.64881	41.33652	16.31229	31.3072	-9999
1619.075	1619.831	951.8314	101.79	151.47	101.89	101.68	8.92246	22.77275	68.30479	58.71125	9.593538	32.22842	-9999
1619.08	1619.836	951.8362	91.38	84.33	90.18	86.31	44.82254	4.302779	50.87468	18.18361	32.69107	33.78782	2
1619.085	1619.841	951.841	89.17	37.81	88.51	87.98	53.92858	2.514405	43.55701	21.86617	21.69085	34.88235	2
1619.09	1619.846	951.8457	91.63	57.38	89.69	87.17	56.84944	0	43.15056	14.57131	28.57925	35.08105	2
1619.095	1619.851	951.8505	85.04	24.51	84.02	83.3	63.73678	0	36.26322	6.656452	29.60677	35.46856	2
1619.1	1619.855	951.8553	92.27	59.44	90.69	86.53	52.97212	1.282786	45.74509	22.57265	23.17244	35.36931	2
1619.105	1619.86	951.86	91.96	51.06	91.54	90.24	46.29528	5.665317	48.0394	16.7692	31.27021	33.82493	2
1619.11	1619.865	951.8648	88.64	36.83	87.73	85.9	56.59084	1.312124	42.09704	16.83609	25.26094	35.59593	2
1619.115	1619.87	951.8696	93.84	21.86	93.41	93.57	51.70958	4.652465	43.63795	17.48245	26.1555	34.70612	2
1619.12	1619.874	951.8744	103.5	11.46	103.89	104.39	38.98418	17.53863	43.47719	20.70258	22.77461	32.44418	2
1619.125	1619.879	951.8791	96.1	47.72	96.14	95.68	39.72976	10.34411	49.92613	17.63927	32.28686	32.96285	2
1619.13	1619.884	951.8839	78.16	16.15	77.62	76.94	68.3695	0	31.6305	7.402971	24.22753	34.76944	2
1619.135	1619.889	951.8887	82.65	51.35	81.07	78.89	63.7803	0	36.2197	6.121225	30.09847	34.7252	2
1619.14	1619.893	951.8934	83.37	21.98	82.94	82.69	61.31294	0.105339	38.58172	18.39812	20.1836	36.15388	2
1619.145	1619.898	951.8982	80.45	20.07	79.76	79.08	66.47656	0	33.52344	9.587803	23.93564	35.0548	2
1619.15	1619.903	951.903	81.18	30.15	79.83	79.02	68.4806	0	31.5194	24.8174	6.701997	34.31937	2
1619.155	1619.908	951.9077	86.16	39.29	84.98	83.87	60.36962	0	39.63038	10.3542	29.27618	35.75836	2
1619.16	1619.913	951.9125	94.87	88.95	93.43	88.34	42.3537	4.690689	52.95561	24.03273	28.92288	33.92544	2
1619.165	1619.917	951.9173	100.31	83.96	100.26	104.27	27.78398	15.71104	56.50498	36.02824	20.47674	31.13822	2
1619.17	1619.922	951.922	112.28	78.12	112.96	113.11	12.52736	39.43698	48.03566	38.34277	9.692893	30.01335	2
1619.175	1619.927	951.9268	103.79	62.89	102.74	100.92	37.43132	9.707146	52.86153	19.34069	33.52084	33.1943	2
1619.18	1619.932	951.9316	90.85	72.86	89.69	87.43	47.77588	3.518243	48.70588	27.05178	21.6541	33.95327	2
1619.185	1619.936	951.9364	82.5	38.85	81.57	78.94	61.9058	0	38.0942	25.00621	13.08799	35.81391	2
1619.19	1619.941	951.9411	88.17	194.47	84.59	77.25	39.56686	2.789274	57.64387	29.95934	27.68453	32.27039	2
1619.195	1619.946	951.9459	113.48	296.57	115.69	109.09	0	78.77707	21.22293	21.22293	0	-9999	10
1619.2	1619.951	951.9507	127.85	191.58	129.06	126.27	0	100	0	0	0	-9999	10
1619.205	1619.955	951.9554	124.92	208.13	125.57	123.76	0	84.64014	15.35986	15.35986	0	-9999	10
1619.21	1619.96	951.9602	117.17	124.84	117.06	118.78	2.84482	41.38761	55.76757	55.76757	0	-9999	10
1619.215	1619.965	951.965	118.73	141.91	118.56	119.1	0	44.82728	55.17272	55.17272	0	-9999	10
1619.22	1619.97	951.9697	125.55	131.99	126.16	127.47	0	81.00685	18.99315	18.99315	0	-9999	10
1619.225	1619.975	951.9745	125.55	100.29	126.18	124.57	0	79.37129	20.62871	20.62871	0	-9999	10
1619.23	1619.979	951.9793	125.2	134.95	126.94	129.92	0	100	0	0	0	-9999	10
1619.235	1619.984	951.984	129.06	160.26	130.35	131.76	0	100	0	0	0	-9999	10
1619.24	1619.989	951.9888	120.37	145.61	120.85	120.85	0	61.12984	38.87016	38.87016	0	-9999	10
1619.245	1619.994	951.9936	124.92	102.49	126.12	126.84	0	91.15146	8.848543	8.848543	0	-9999	10
1619.25	1619.998	951.9984	125.78	124.27	126.7	126.49	0	89.37504	10.62496	10.62496	0	-9999	10
1619.255	1620.003	952.0031	129.4	115.73	129.56	123.33	0	83.32023	16.67977	16.67977	0	-9999	10
1619.26	1620.008	952.0079	135.12	153.75	136.49	137.14	0	100	0	0	0	-9999	10
1619.265	1620.013	952.0127	134.1	140.73	134.31	132.9	0	100	0	0	0	-9999	10
1619.27	1620.017	952.0174	133.3	144.51	133.94	133.96	0	100	0	0	0	-9999	10
1619.275	1620.022	952.0222	129.57	113.1	130.21	130.35	0	98.48834	1.511657	1.511657	0	-9999	10
1619.28	1620.027	952.027	128.32	171.95	129.46	128.82	0	100	0	0	0	-9999	10
1619.285	1620.032	952.0317	132.88	182.45	133.8	133.94	0	100	0	0	0	-9999	10
1619.29	1620.037	952.0365	131.71	139.81	132.61	134.22	0	100	0	0	0	-9999	10
1619.295	1620.041	952.0413	131.03	158.73	132.29	133.31	0	100	0	0	0	-9999	10
1619.3	1620.046	952.046	110.12	123.29	108.89	104.91	18.38592	16.87516	64.73892	47.54394	17.19498	32.75102	10
1619.305	1620.051	952.0508	97.61	144.99	94.81	88.28	36.81122	2.05955	61.12923	39.27574	21.85349	33.62094	10
1619.31	1620.056	952.0556	94.07	101.36	92.24	87.34	43.10898	3.446124	53.4449	34.33308	19.11182	33.83734	2
1619.315	1620.06	952.0603	103.31	106.21	102.1	99.67	28.62948	11.09653	60.27399	37.37806	22.89593	32.63535	2
1619.32	1620.065	952.0651	105.7	84.47	105.16	104.43	26.49926	16.95276	56.54798	34.73469	21.81329	31.96132	2
1619.325	1620.07	952.0699	107.08	71.51	107.63	108.02	19.91848	28.03631	52.04521	28.4553	23.58991	30.90153	2
1619.33	1620.075	952.0747	103.67	73.7	104.1	104	23.4557	22.28538	54.25892	39.67945	14.57946	31.46675	2
1619.335	1620.079	952.0794	104.64	85.79	104.39	105.14	24.90752	18.4908	56.60168	24.24446	32.35722	31.557	2
1619.34	1620.084	952.0842	100.12	122.81	98.96	98.85	27.15958	10.78153	62.05889	37.89879	24.1601	32.0064	2
1619.345	1620.089	952.089	93.64	68.14	92.09	92	49.37382	2.381228	48.24495	22.90677	25.33818	34.03672	2
1619.35	1620.094	952.0937	95.38	65.39	93.67	92.96	49.67852	1.923724	48.39776	20.62707	27.77069	34.36173	2
1619.355	1620.098	952.0985	99.12	76.6	97.59	96.55	42.1299	4.895496	52.9746	24.82682	28.14778	33.50356	2
1619.36	1620.103	952.1033	97.41	54.15	96.65	95.28	43.1685	7.099175	49.73233	19.95238	29.77995	33.61549	2
1619.365	1620.108	952.108	97.53	83.79	96.16	93.79	40.61272	5.686413	53.70087	28.45018	25.25068	33.42064	2

1619.37	1620.113	952.1128	97.85	86.86	96.29	95.57	41.04788	4.942868	54.00925	22.59523	31.41402	33.19057	2
1619.375	1620.118	952.1176	101.04	195.32	96.24	90.11	36.97576	0	63.02424	19.3516	43.67264	25.20722	2
1619.38	1620.122	952.1223	103.93	67.72	103.37	102.32	32.33616	14.0303	53.63354	25.4076	28.22593	32.40975	2
1619.385	1620.127	952.1271	109.72	50.94	109.35	109.28	29.59762	20.81569	49.58669	23.68559	25.90111	31.56448	2
1619.39	1620.132	952.1319	108.52	85.42	106.63	105.83	34.13746	6.678566	59.18397	34.91024	24.27374	33.16119	2
1619.395	1620.137	952.1367	108.21	79.68	107.43	107.74	27.20924	16.81883	55.97193	27.71762	28.25431	31.8107	2
1619.4	1620.141	952.1414	102.01	81.75	100.78	98.27	35.8998	8.553131	55.54707	32.95722	22.58985	33.1567	2
1619.405	1620.146	952.1462	104.69	123.73	102.78	96.5	28.54504	7.55454	63.90042	44.98165	18.91877	33.61138	2
1619.41	1620.151	952.151	102.02	94.08	101	100.67	31.27924	10.88696	57.8338	29.73826	28.09554	32.32316	2
1619.415	1620.156	952.1557	100.36	91.9	99.33	97.63	33.4115	9.675391	56.91311	24.27819	32.63491	32.68254	2
1619.42	1620.16	952.1605	99.84	60.94	99.67	98.08	34.71722	12.93161	52.35117	23.26052	29.09065	32.6645	2
1619.425	1620.165	952.1653	95.61	70.02	95.26	95.96	37.80646	9.366633	52.82691	26.61145	26.21546	32.47006	2
1619.43	1620.17	952.17	95.03	116.09	93.3	91.55	37.88612	5.152881	56.961	31.98964	24.97136	32.69425	2
1619.435	1620.175	952.1748	92.88	63.15	92.8	92.78	39.8881	8.56469	51.54721	18.58044	32.96677	32.76289	2
1619.44	1620.18	952.1796	95.82	95.92	94.26	91.51	40.72296	4.871082	54.40596	34.74826	19.6577	33.33686	2
1619.445	1620.184	952.1843	102.45	133.34	99.71	99.77	34.71272	1.750088	63.53719	28.60613	34.93106	32.84817	2
1619.45	1620.189	952.1891	103.76	107.21	101.86	101.23	33.32098	6.186922	60.4921	22.95747	37.53462	32.81923	2
1619.455	1620.194	952.1939	102.5	71.43	102.77	102.71	26.32144	19.43708	54.24148	28.76601	25.47547	31.6728	2
1619.46	1620.199	952.1986	102.4	43.26	102.1	100.53	37.64808	13.04795	49.30397	33.32282	15.98115	32.95454	2
1619.465	1620.203	952.2034	96.2	57.17	94.94	93.22	47.42586	3.953139	48.621	17.92367	30.69733	34.26495	2
1619.47	1620.208	952.2082	94.91	88.75	93.84	93.21	39.4978	6.525901	53.9763	25.38649	28.58981	32.78065	2
1619.475	1620.213	952.213	93.01	117.26	90.71	86.63	43.87888	2.245754	53.87537	19.95969	33.91568	33.54876	2
1619.48	1620.218	952.2177	93.31	113.08	92.48	93.06	33.22194	8.627784	58.15028	29.84519	28.30508	31.82636	2
1619.485	1620.222	952.2225	96.4	77.9	96.35	93.73	32.8477	12.09785	55.05445	31.97829	23.07616	32.65348	2
1619.49	1620.227	952.2273	100.69	73.3	101.49	101.1	23.4266	21.44509	55.12831	34.60499	20.52331	31.63428	2
1619.495	1620.232	952.232	101.21	40.95	101.57	102.22	34.1869	16.6287	49.1844	30.21645	18.96795	32.06977	2
1619.5	1620.237	952.2368	99.22	31.28	99.15	99.45	41.69034	11.06744	47.24222	26.04785	21.19437	33.1134	2
1619.505	1620.242	952.2416	97.95	23.16	97.89	97.77	44.74628	9.537388	45.71633	19.88522	25.83111	33.64485	2
1619.51	1620.246	952.2463	96.45	30.47	96.47	96.62	43.73726	9.332465	46.93028	16.31531	30.61497	33.41484	2
1619.515	1620.251	952.2511	95.67	29.83	94.9	94.33	50.73224	4.451222	44.81654	14.55783	30.25871	34.69921	2
1619.52	1620.256	952.2559	96.19	47.62	94.45	92.41	53.46616	0.797022	45.73682	20.60605	25.13077	35.47161	2
1619.525	1620.261	952.2606	96.76	47.73	95.67	96.15	47.87764	4.474455	47.6479	23.67995	23.96796	33.99815	2
1619.53	1620.265	952.2654	99.1	49.83	98.9	97.23	38.31914	11.37721	50.30365	34.12367	16.17998	33.05617	2
1619.535	1620.27	952.2702	103.47	84.29	103.29	96.41	25.80442	17.77447	56.42111	30.44593	25.97518	33.0161	2
1619.54	1620.275	952.275	110.33	154.55	110.48	106.68	0	34.50036	65.49964	65.49964	0	-9999	2
1619.545	1620.28	952.2797	116.55	126.49	116.18	116.21	5.03092	36.24528	58.7238	58.7238	0	-9999	2
1619.55	1620.284	952.2845	113.5	103.09	115.65	117.33	0	64.88875	35.11125	35.11125	0	-9999	2
1619.555	1620.289	952.2893	101.89	64.55	100.96	98.15	37.8476	9.454255	52.69815	35.37782	17.32033	33.35554	2
1619.56	1620.294	952.294	103.19	77.45	102.1	99.08	34.7698	9.989125	55.24107	25.72411	29.51697	33.14412	2
1619.565	1620.299	952.2988	104.5	81.26	104	104.28	28.07008	15.94748	55.98244	38.51279	17.46965	31.86433	2
1619.57	1620.304	952.3036	102.54	87.98	102.55	101.91	24.29454	18.57434	57.13112	30.83529	26.29583	31.80223	2
1619.575	1620.308	952.3083	105.56	66.7	106.06	106.61	22.8684	24.96589	52.16571	39.00623	13.15949	31.10795	2
1619.58	1620.313	952.3131	101.63	64.22	102.23	103.06	26.30916	20.48028	53.21056	26.80331	26.40725	31.46451	2
1619.585	1620.318	952.3179	98.28	57.98	97.77	94.14	39.50374	9.380376	51.11588	34.24613	16.86976	33.56277	2
1619.59	1620.323	952.3226	104.18	71.7	103.96	100.96	28.508	17.31798	54.17402	38.29582	15.8782	32.391	2
1619.595	1620.327	952.3274	102.59	57.76	102.97	102.56	28.69428	19.48327	51.82245	18.45973	33.36272	31.79562	2
1619.6	1620.332	952.3322	100.22	54.33	100.1	99.14	35.57974	13.14992	51.27034	23.14817	28.12216	32.61925	2
1619.605	1620.337	952.3369	109.1	79.16	109.33	111.34	18.68878	28.36593	52.94529	30.19531	22.74997	30.54905	2
1619.61	1620.342	952.3417	106.24	51.35	106.37	105.87	28.825	21.41606	49.75894	32.69459	17.06435	31.62156	2
1619.615	1620.346	952.3465	99.45	37.96	99.96	100.74	35.36718	15.60099	49.03183	33.57417	15.45766	32.20158	2
1619.62	1620.351	952.3513	98.33	50.71	98.19	95.88	38.34958	11.20461	50.44581	21.55283	28.89299	33.16688	2
1619.625	1620.356	952.356	98.8	39.72	98.95	98.84	38.32926	12.69901	48.97173	33.92254	15.0492	32.7388	2
1619.63	1620.361	952.3608	98.15	57.14	97.47	96.55	41.14412	8.211618	50.64426	29.5473	21.09696	33.27451	2
1619.635	1620.366	952.3656	104.33	111.69	102.88	98.38	28.22492	10.19099	61.58409	35.36214	26.22195	33.0992	2
1619.64	1620.37	952.3703	103.07	45.41	103.2	102.65	33.17888	17.21144	49.60968	28.27376	21.33592	32.1719	3
1619.645	1620.375	952.3751	103.04	33.29	103.61	104.74	32.72952	19.91122	47.35926	26.10964	21.24962	31.66885	3
1619.65	1620.38	952.3799	101.69	26.05	101.94	102.27	38.2036	15.32611	46.47029	14.65036	31.81993	32.5421	3
1619.655	1620.385	952.3846	101.83	24.3	102.18	102.89	37.7233	16.11726	46.15944	25.90901	20.25044	32.38239	3
1619.66	1620.389	952.3894	102.95	44.41	103.39	105.98	31.12878	19.49401	49.37721	27.5962	21.78101	31.33781	3
1619.665	1620.394	952.3942	103.65	43.79	104.12	103.24	30.40232	20.57564	49.02204	32.29877	16.72326	31.86127	3
1619.67	1620.399	952.3989	103.64	39.21	104.06	103.24	31.90738	19.83589	48.25673	19.32742	28.9293	31.97318	3
1619.675	1620.404	952.4037	102.11	43.69	102.75	103.59	30.52582	19.99334	49.48084	18.98369	30.49715	31.61962	3
1619.68	1620.408	952.4085	100.14	70.48	100.6	101.41	27.25004	18.18317	54.56679	37.82919	16.7376	31.61907	3
1619.685	1620.413	952.4133	96	64.67	96.14	98.28	34.94486	11.97306	53.08208	27.49053	25.59155	31.95561	3
1619.69	1620.418	952.418	96.63	78.31	96.67	96.81	31.83938	12.81506	55.34556	24.29689	31.04867	32.07386	3
1619.695	1620.423	952.4228	99.78	60.37	99.79	99.22	33.51536	14.05069	52.43395	19.42636	33.00758	32.34506	3
1619.7	1620.428	952.4276	100.96	61.52	100.96	97	32.22896	15.14931	52.62173	28.61812	24.00361	32.84879	3
1619.705	1620.432	952.4323	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1620.005	1620.717	952.717	115.57	38.25	114.33	109	34.0291	16.18061	49.79029	33.59188	16.19841	33.12713	8
1620.01	1620.722	952.7223	116.08	53.95	115.68	116.65	23.2505	30.07156	46.67794	26.79161	19.88634	30.12763	8
1620.015	1620.728	952.7277	110.03	70.35	108.71	105.06	31.9777	12.27757	55.74473	23.07646	32.66827	33.11936	8
1620.02	1620.733	952.733	106.02	72.11	104.5	102.29	36.79098	7.860331	55.34869	24.30139	31.0473	33.40962	8
1620.025	1620.738	952.7384	109.66	111.31	108.32	102.39	22.56078	14.55109	62.88813	30.94236	31.94576	33.18031	8

1620.03	1620.744	952.7438	111.17	136.71	109.28	104.61	19.28728	11.40339	69.30933	39.90425	29.40509	33.37689	8
1620.035	1620.749	952.7491	108.19	128.13	106.03	104.22	26.19774	6.912277	66.88998	47.5295	19.36048	33.00077	8
1620.04	1620.754	952.7545	105.52	123.42	101.37	98.57	45.21646	0	54.78354	24.33021	30.45333	22.35624	8
1620.045	1620.76	952.7598	101.08	63.35	100.18	98.82	38.6507	9.059477	52.28982	18.88884	33.40098	33.15131	8
1620.05	1620.765	952.7652	104.7	81.08	104.1	103.29	28.70464	15.28257	56.01279	36.64379	19.36899	32.12715	8
1620.055	1620.771	952.7705	107.14	125.11	105.97	102.31	20.22208	15.25663	64.52129	50.79745	13.72384	32.69459	8
1620.06	1620.776	952.7759	110.09	126.9	108.33	103.69	21.6474	11.54506	66.80754	38.5496	28.25794	33.24569	8
1620.065	1620.781	952.7813	116.7	195.61	116.19	115.27	0	39.02941	60.97059	60.97059	0	-9999	8
1620.07	1620.787	952.7866	112.79	259.39	107.98	105	10.73832	0	89.26168	52.46321	36.79847	20.1258	8
1620.075	1620.792	952.792	100.54	152.87	97.62	95.96	33.13866	1.906551	64.95479	34.24511	30.70968	32.78221	8
1620.08	1620.797	952.7973	94.76	70.98	93.46	90.96	45.71864	4.126337	50.15502	21.34029	28.81473	33.9787	8
1620.085	1620.803	952.8027	95.41	49.28	94.44	91.98	47.81454	4.592343	47.59312	27.1291	20.46401	34.44144	8
1620.09	1620.808	952.8081	92.36	49.71	91.15	90.11	52.37648	2.254137	45.36938	28.97887	16.39051	34.76803	8
1620.095	1620.813	952.8134	92.54	46.47	91.65	89.35	50.51496	3.522256	45.96278	18.35313	27.60966	34.71456	8
1620.1	1620.819	952.8188	91.36	58.23	89.73	87.35	54.48964	0.762599	44.74776	15.02438	29.72338	35.24931	8
1620.105	1620.824	952.8241	93.48	60.68	92.71	89.35	45.28134	5.451021	49.26764	27.61587	21.65177	34.05909	8
1620.11	1620.829	952.8295	94.58	33.36	94.12	93.61	48.47828	5.697584	45.82414	16.71949	29.10465	34.22152	8
1620.115	1620.835	952.8348	93.36	46.49	92.18	90.26	52.00322	2.528616	45.46816	28.06275	17.40541	34.95485	8
1620.12	1620.84	952.8402	91.05	62.81	89.68	86.37	51.65148	2.0478	46.30072	17.11237	29.18835	34.84933	8
1620.125	1620.846	952.8456	92.9	66.63	91.76	90.79	47.24254	3.900318	48.85714	21.44184	27.4153	33.8209	8
1620.13	1620.851	952.8509	87.21	72.01	85.46	83.16	55.90288	0.39097	43.70615	11.05567	32.65049	34.98438	8
1620.135	1620.856	952.8563	105.61	141.09	106.16	103.96	4.43252	30.52135	65.04613	65.04613	0	-9999	8
1620.14	1620.862	952.8616	99.87	128.19	99.55	97.29	19.57762	16.49339	63.92899	49.2522	14.67679	32.19434	8
1620.145	1620.867	952.867	110.38	288.61	109.55	101.14	0	32.59981	67.40019	67.40019	0	-9999	8
1620.15	1620.872	952.8724	98.93	190.64	98.41	91.93	6.87952	18.71685	74.40363	74.40363	0	-9999	8
1620.155	1620.878	952.8777	97.36	263.27	94.61	82.24	8.02996	10.29988	81.67016	63.97114	17.69902	34.4426	8
1620.16	1620.883	952.8831	109.96	239.01	113.67	114.73	0	83.61803	16.38197	16.38197	0	-9999	8
1620.165	1620.888	952.8884	116.6	67.96	117.22	118.22	11.47668	47.94868	40.57464	24.95906	15.61558	28.63014	8
1620.17	1620.894	952.8938	114.29	79.62	114.65	116.65	12.79516	39.4247	47.78014	38.75134	9.028793	29.51411	8
1620.175	1620.899	952.8991	110.72	77.73	111.27	113.02	15.06444	34.686	50.24956	37.28176	12.9678	30.10211	8
1620.18	1620.905	952.9045	104.95	130.14	104.28	102.07	17.14462	18.22647	64.62891	36.86928	27.75964	32.27884	8
1620.185	1620.91	952.9099	91.94	110.16	90.26	87.86	41.77648	4.200501	54.02302	19.03985	34.98317	32.96584	8
1620.19	1620.915	952.9152	83.38	72.67	80.92	79.53	64.76926	0	35.23074	19.4303	15.80044	33.37019	2
1620.195	1620.921	952.9206	87.96	121.86	84.81	82.57	53.99918	0	46.00082	16.30775	29.69307	32.99271	2
1620.2	1620.926	952.9259	88.03	92.56	85.53	82.84	55.98788	0	44.01212	23.93392	20.0782	34.02777	2
1620.205	1620.931	952.9313	88.3	32.83	87.02	86.1	60.73914	0	39.26086	26.09787	13.16299	35.7397	2
1620.21	1620.937	952.9367	91.09	47.94	90.06	87.98	52.57822	2.452822	44.96896	22.21225	22.7567	34.92757	2
1620.215	1620.942	952.942	90.83	61.27	88.8	86.81	57.34156	0	42.65844	10.40709	32.25135	34.63956	2
1620.22	1620.947	952.9474	89.76	54.03	88.47	86.35	54.34304	1.39794	44.25902	16.33221	27.92681	35.09587	2
1620.225	1620.953	952.9527	95.13	100.34	93.31	88.28	42.30312	3.676628	54.02025	30.62321	23.39704	33.85696	2
1620.23	1620.958	952.9581	92.2	112.2	89.43	87.88	49.4911	0	50.5089	11.19726	39.31164	33.65462	2
1620.235	1620.963	952.9634	93.71	83.91	91.77	88.75	48.51558	1.688192	49.79623	22.48571	27.31051	34.32316	2
1620.24	1620.969	952.9688	90.71	74.84	88.39	86.3	56.41552	0	43.58448	27.13751	16.44697	34.012	2
1620.245	1620.974	952.9742	90.58	93.86	87.39	85.02	58.67478	0	41.32522	13.03548	28.28974	31.56619	2
1620.25	1620.98	952.9795	88.63	62.34	86.82	83.76	57.40162	0	42.59838	12.53254	30.06584	35.35718	2
1620.255	1620.985	952.9849	87.19	43.78	86.91	85.69	51.36044	3.499494	45.14007	16.19568	28.94439	34.40488	2
1620.26	1620.99	952.9902	84.52	58.47	83.24	80.88	58.01186	0.401578	41.58656	10.62039	30.96617	35.37303	2
1620.265	1620.996	952.9956	82.86	47.62	81.71	78.57	61.15726	0	38.84274	13.91578	24.92696	35.72867	2
1620.27	1621.001	953.001	81.76	40.23	81.17	79.18	59.61764	0.398229	39.98413	27.85636	12.12777	35.72927	2
1620.275	1621.006	953.0063	83.8	83.68	82	77.92	56.60344	0.486642	42.90992	30.21733	12.69259	34.96923	2
1620.28	1621.012	953.0117	82.18	57.56	80.84	77.39	60.84988	0	39.15012	17.75764	21.39248	35.53462	2
1620.285	1621.017	953.017	88.06	54.94	87.67	88.5	48.71182	4.227046	47.06113	27.17507	19.88606	33.54212	2
1620.29	1621.022	953.0224	90.01	90.77	87.79	84.79	52.42946	0.428403	47.14214	30.06923	17.07291	34.52454	2
1620.295	1621.028	953.0278	86.64	85.42	86.28	87.34	42.40956	5.803435	51.787	36.10275	15.68426	32.32614	2
1620.3	1621.033	953.0331	83.11	45.47	82.7	81.98	55.71256	1.662726	42.62471	28.09316	14.53155	34.78148	2
1620.305	1621.038	953.0385	81.48	44.27	80.51	78.09	61.84256	0	38.15744	21.79449	16.36295	35.61182	2
1620.31	1621.044	953.0438	82.65	57.24	81.29	77.6	60.64992	0	39.35008	25.08518	14.2649	35.60097	2
1620.315	1621.049	953.0492	86.76	96.3	84.35	80.66	55.5537	0	44.4463	25.57271	18.87359	34.59232	2
1620.32	1621.055	953.0545	89.21	47.53	88.72	87.94	50.22204	3.842512	45.93545	25.3853	20.55015	34.19964	2
1620.325	1621.06	953.0599	86.22	69.79	85.19	82.98	51.77092	2.367983	45.8611	22.43591	23.42518	34.24313	2
1620.33	1621.065	953.0653	77.17	28.24	76.2	74.22	69.68702	0	30.31298	6.386647	23.92633	34.57001	2
1620.335	1621.071	953.0706	77.15	38.03	76.26	73.27	66.71624	0	33.28376	10.87273	22.41103	34.99201	2
1620.34	1621.076	953.076	78.15	33.48	77.49	76.21	65.11484	0	34.88516	21.49607	13.38909	35.02851	2
1620.345	1621.081	953.0813	82.59	43.18	82.3	82.55	55.81514	1.675297	42.50956	31.29314	11.21642	34.62899	2
1620.35	1621.087	953.0867	83.18	37.51	82.63	81.29	58.65948	0.746985	40.59354	22.95879	17.63475	35.55598	2
1620.355	1621.092	953.0921	84.57	57.98	83.44	80.86	56.92194	0.824442	42.25362	29.19961	13.054	35.22483	2
1620.36	1621.097	953.0974	82.58	61.99	81.24	77.5	59.40982	0.067132	40.52305	8.614753	31.9083	35.68855	2
1620.365	1621.103	953.1028	78.01	46.65	76.51	74.45	68.5665	0	31.4335	13.17428	18.25922	34.37427	2
1620.37	1621.108	953.1081	82.93	156.24	79.84	73.19	49.84182	1.950886	48.20729	15.86056	32.34673	33.09419	8
1620.375	1621.113	953.1135	92.04	219.83	88.88	83.43	26.61434	5.625786	67.75987	35.45214	32.30773	31.724	8
1620.38	1621.119	953.1188	103.1	64.58	102.91	98.27	30.99214	15.99708	53.01078	26.85017	26.1606	32.8656	8
1620.385	1621.124	953.1242	103.08	89.92	102.86	102.29	25.11076	17.45194	57.4373	40.1718	17.2655	31.85249	8
1620.39	1621.13	953.1296	98.76	153.86	96.38	92.37	30.35168	5.036933	64.61139	45.22069	19.3907	32.78858	8

1620.395	1621.135	953.1349	114.36	142.12	116.11	115.27	0	64.26098	35.73902	35.73902	0	-9999	8
1620.4	1621.14	953.1403	116.4	256.91	120.01	125.71	0	100	0	0	0	-9999	8
1620.405	1621.146	953.1456	112.2	196.66	113.73	112.77	0	58.53304	41.46696	41.46696	0	-9999	8
1620.41	1621.151	953.151	112.76	152.58	113.48	108.15	0	46.02131	53.97869	53.97869	0	-9999	8
1620.415	1621.156	953.1564	113.4	141.98	114.43	115.78	0	51.03905	48.96095	48.96095	0	-9999	8
1620.42	1621.162	953.1617	113.9	128.06	114.12	115.16	2.51648	39.94351	57.54001	57.54001	0	-9999	8
1620.425	1621.167	953.1671	104.97	150.88	103.62	109	17.37714	13.99703	68.62583	49.67455	18.95128	31.14043	8
1620.43	1621.172	953.1724	93.92	68.85	92.1	89.86	51.0369	1.263177	47.69992	20.02352	27.67641	34.72299	8
1620.435	1621.178	953.1778	90.07	73.9	87.89	86.36	56.1468	0	43.8532	27.80724	16.04596	34.34693	8
1620.44	1621.183	953.1831	87.58	50.72	86.59	84.67	54.82466	1.61805	43.55729	24.84825	18.70904	35.0355	8
1620.445	1621.189	953.1885	95.15	98.01	92.39	91.08	50.13358	0	49.86642	11.44932	38.4171	32.99317	8
1620.45	1621.194	953.1939	102.3	146.46	100.74	94.17	22.53068	10.73013	66.73919	36.2978	30.4414	33.24932	8
1620.455	1621.199	953.1992	110.67	77.61	111.71	115.74	11.34198	40.50619	48.15183	29.42621	18.72563	29.38611	8
1620.46	1621.205	953.2046	109.04	67.28	107.8	107.27	33.01144	12.12369	54.86487	28.90408	25.9608	32.58731	8
1620.465	1621.21	953.2099	98.54	63.54	97.8	98.22	39.70152	8.520194	51.77829	36.79542	14.98287	32.84722	8
1620.47	1621.215	953.2153	86.85	28.4	86.06	84.47	59.3477	0.564644	40.08766	28.4316	11.65605	36.08754	1
1620.475	1621.221	953.2207	83.18	17.5	82.96	82.41	60.9444	0.347357	38.70824	25.97329	12.73495	36.18383	1
1620.48	1621.226	953.226	85.51	41.03	84.28	81.98	60.93404	0	39.06596	23.35113	15.71483	35.73185	1
1620.485	1621.231	953.2314	88.38	56.51	87.71	83.59	50.20748	3.431421	46.3611	24.39824	21.96286	34.66656	1
1620.49	1621.237	953.2367	88.69	29.83	87.75	86.61	58.47134	0.745863	40.7828	12.25159	28.5312	35.91796	1
1620.495	1621.242	953.2421	85.35	16.96	85.09	85.41	59.38868	1.002755	39.60857	15.41074	24.19783	35.82173	1
1620.5	1621.247	953.2475	85.02	38.86	84.14	81.62	59.19748	0.411392	40.39113	15.7064	24.68473	35.96606	1
1620.505	1621.253	953.2528	83.1	29.67	82.67	81.94	59.70036	0.535622	39.76402	10.58207	29.18195	35.76566	1
1620.51	1621.258	953.2582	87.78	42.28	87.26	86.92	53.04064	2.784177	44.17518	30.00274	14.17244	34.55652	1
1620.515	1621.264	953.2635	91.57	35	91.28	91.41	49.5331	4.954707	45.51219	23.92175	21.59044	34.1456	1
1620.52	1621.269	953.2689	91.33	36.13	91.65	92.98	44.75294	7.600455	47.64661	28.49959	19.14702	33.21765	1
1620.525	1621.274	953.2742	94.29	44.62	94.81	96.31	38.42516	11.31878	50.25606	29.76225	20.49381	32.43836	1
1620.53	1621.28	953.2796	92.13	38.77	92.37	93.67	43.99806	7.94292	48.05902	17.72303	30.33598	33.12236	1
1620.535	1621.285	953.285	88.45	33.87	88.47	88.04	50.27446	4.525859	45.19968	28.06897	17.13071	34.26055	1
1620.54	1621.29	953.2903	84.97	38.27	84.54	81.32	55.89876	1.756415	42.34482	23.12368	19.22115	35.4851	1
1620.545	1621.296	953.2957	82.11	27.72	81.67	79.76	61.16056	0.061242	38.7782	24.29263	14.48557	36.25172	1
1620.55	1621.301	953.301	84.78	29.15	84.74	83.17	55.2581	2.299741	42.44216	20.0224	22.41976	35.19406	1
1620.555	1621.306	953.3064	83.9	28.28	83.22	82.08	61.23824	0	38.76176	16.75485	22.00691	36.17542	1
1620.56	1621.312	953.3118	90.63	46.63	89.49	87.08	54.17094	1.756029	44.07303	30.90617	13.16686	35.25403	1
1620.565	1621.317	953.3171	91.09	46.22	90.21	89	51.83196	2.960689	45.20735	31.50178	13.70557	34.65089	1
1620.57	1621.322	953.3225	89.65	71.62	88.28	86.63	50.80746	2.24981	46.94273	17.61321	29.32952	34.20575	2
1620.575	1621.328	953.3278	91.7	98.69	89.71	86.63	47.17552	2.097192	50.72729	16.68434	34.04295	33.8207	2
1620.58	1621.333	953.3332	91.87	74.8	90.76	89.13	45.9805	4.208857	49.81064	19.521	30.28964	33.6284	2
1620.585	1621.339	953.3385	86.6	46.78	85.81	85.41	55.12974	1.722716	43.14754	22.35983	20.78771	34.7991	2
1620.59	1621.344	953.3439	87.4	65.06	85.86	83.89	55.78248	0.657289	43.56023	15.60738	27.95285	35.00936	2
1620.595	1621.349	953.3493	83.51	42.45	82.41	80.91	61.4229	0	38.5771	8.685062	29.89204	35.52512	2
1620.6	1621.355	953.3546	86.52	105.07	84.51	79.68	50.55216	1.681083	47.76676	22.38237	25.38439	34.05743	2
1620.605	1621.36	953.36	86.74	114.67	84.55	79.59	49.42156	1.788837	48.7896	17.20256	31.58704	33.80597	2
1620.61	1621.365	953.3653	94.16	106.07	93.81	97.89	30.41636	10.91602	58.66762	26.03491	32.63271	31.11533	2
1620.615	1621.371	953.3707	93.68	79.44	93.21	93.02	38.23242	8.255818	53.51176	27.69181	25.81995	32.55278	2
1620.62	1621.376	953.3761	96.03	191.71	92.21	87.8	34.86358	0.363523	64.7729	31.60315	33.16974	32.58436	2
1620.625	1621.381	953.3814	109.06	168.21	110.08	112.22	0	43.04952	56.95048	56.95048	0	-9999	2
1620.63	1621.387	953.3868	110.42	72.64	110.77	112.88	18.12222	31.43888	50.4389	37.51106	12.92784	30.19371	2
1620.635	1621.392	953.3921	110.4	99.49	110.61	110.65	12.72792	31.58996	55.68212	37.76599	17.91613	30.93216	2
1620.64	1621.397	953.3975	107.84	210.91	107.54	108.48	0	30.03087	69.96913	69.96913	0	-9999	2
1620.645	1621.403	953.4028	99.42	311.2	97.63	94.21	0	19.26424	80.73576	80.73576	0	-9999	2
1620.65	1621.408	953.4082	90.49	209.46	86.39	80.1	37.83488	1.696375	60.46874	20.32834	40.1404	32.06901	2
1620.655	1621.414	953.4136	84.08	109.77	83.22	81.24	42.74706	4.990906	52.26203	25.11287	27.14917	32.41178	2
1620.66	1621.419	953.4189	82.98	64.37	83.33	82.51	45.36836	5.103197	49.52844	31.71699	17.81146	33.09872	1
1620.665	1621.424	953.4243	83.09	37.8	82.86	83.12	56.1921	1.656512	42.15139	27.87105	14.28034	34.80244	1
1620.67	1621.43	953.4296	83.57	41.51	83.26	82.76	55.47268	1.84307	42.68425	16.40539	26.27886	34.78516	1
1620.675	1621.435	953.435	81.9	64.43	81.2	74.68	54.48494	1.778129	43.73693	29.52835	14.20858	35.25972	1
1620.68	1621.44	953.4404	85.92	67.44	85.21	82.61	50.13562	3.15743	46.70695	15.80565	30.9013	34.09055	1
1620.685	1621.446	953.4457	85.99	74.57	86.11	86.07	41.91326	6.42731	51.65943	29.57456	22.08487	32.59925	1
1620.69	1621.451	953.4511	87.27	60.46	87.1	85.23	46.39778	5.05171	48.55051	23.76394	24.78657	33.63409	1
1620.695	1621.456	953.4564	84.83	56.89	84.35	84.57	51.90902	2.807287	45.28369	26.28715	18.99655	33.917	1
1620.7	1621.462	953.4618	85.45	60.86	85.1	83.95	49.37038	3.71368	46.91594	17.10401	29.81193	33.78714	1
1620.705	1621.467	953.4671	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1621.01	1621.791	953.7906	111.53	79.1	110.67	112.67	24.9152	19.35912	55.72568	24.93527	30.79042	31.23081	2
1621.015	1621.795	953.7953	105.97	81.27	104.95	103.63	30.74526	12.75968	56.49506	33.47854	23.01653	32.49138	2
1621.02	1621.8	953.8001	102.25	66.29	101.4	99.31	36.47532	10.39291	53.13177	29.17422	23.95755	33.04963	2
1621.025	1621.805	953.8048	99.95	61.48	99.06	96.65	40.06534	8.295995	51.63866	20.54655	31.09212	33.47375	2
1621.03	1621.809	953.8095	99.97	50.49	99.22	98.11	41.62152	8.480344	49.89814	23.96156	25.93658	33.42912	2
1621.035	1621.814	953.8142	100.53	63.68	99.15	96.47	42.79684	5.563309	51.63985	35.6882	15.95165	33.9757	2
1621.04	1621.819	953.8189	104.46	91.73	102.98	99.39	33.16814	8.675774	58.15609	28.94371	29.21238	33.25161	2
1621.045	1621.824	953.8236	126.15	94.05	125.62	122.76	5.2894	52.11407	42.59653	42.59653	0	-9999	2
1621.05	1621.828	953.8284	106.88	101.66	106.67	106.71	18.69618	22.39521	58.90861	36.21005	22.69857	31.48048	2
1621.055	1621.833	953.8331	91.91	57.84	90.82	89.88	49.89302	3.164443	46.94254	26.62211	20.32043	34.22099	2

1621.06	1621.838	953.8378	89.57	50.14	89.27	88.95	47.78672	4.928828	47.28445	29.96244	17.32201	33.74122	2
1621.065	1621.843	953.8425	87.39	50.18	87.18	87.63	49.08514	4.268116	46.64674	29.80239	16.84435	33.68463	2
1621.07	1621.847	953.8472	88.16	37.15	87.73	86.85	53.235	2.921234	43.84377	17.15592	26.68784	34.76532	2
1621.075	1621.852	953.8519	89.95	35.76	89.56	89.17	51.61458	3.776666	44.60875	16.36932	28.23944	34.50153	2
1621.08	1621.857	953.8567	87.51	17.6	87.14	87.04	58.0991	1.547115	40.35379	15.02674	25.32705	35.72976	2
1621.085	1621.861	953.8614	95.31	119.71	91.94	88.19	49.46248	0	50.53752	28.84349	21.69403	31.31849	2
1621.09	1621.866	953.8661	98.8	85.58	98.58	96.78	30.09864	13.42495	56.47641	24.15092	32.32549	32.33789	2
1621.095	1621.871	953.8708	88.87	68.9	88.42	86.19	45.0533	5.29201	49.65469	19.24642	30.40827	33.51006	2
1621.1	1621.876	953.8755	88.73	111.03	85.36	82.87	57.61664	0	42.38336	11.05351	31.32985	31.84984	2
1621.105	1621.88	953.8802	88.94	69.87	87.06	85.84	55.83666	0.100273	44.06307	9.504204	34.55886	34.94044	2
1621.11	1621.885	953.885	85.3	28.76	84.52	83.22	60.60908	0.124617	39.2663	12.10748	27.15882	36.1905	2
1621.115	1621.89	953.8897	82.56	57.14	80.32	77.51	67.57692	0	32.42308	9.975192	22.44789	33.7428	2
1621.12	1621.894	953.8944	79.1	25.13	77.97	76	69.90404	0	30.09596	18.89249	11.20347	34.54057	2
1621.125	1621.899	953.8991	83.15	70.58	81.25	80.35	61.14664	0	38.85336	19.67722	19.17614	34.34499	2
1621.13	1621.904	953.9038	86.32	52.32	85.15	84.24	56.99166	0.761633	42.24671	21.60794	20.63876	35.12859	2
1621.135	1621.909	953.9085	84.22	32.07	83.82	84.3	57.85666	1.164838	40.9785	14.72551	26.25299	35.2061	2
1621.14	1621.913	953.9132	84.95	29.63	84.65	83.82	57.00054	1.575775	41.42369	15.44659	25.9771	35.36351	2
1621.145	1621.918	953.918	82.37	24.71	82.04	79.09	60.79728	0.243494	38.95923	18.04505	20.91418	36.43019	2
1621.15	1621.923	953.9227	82.77	24.71	82.28	81.22	61.66928	0	38.33072	20.77231	17.55841	36.17815	2
1621.155	1621.927	953.9274	82.54	26.11	81.94	81.31	62.39458	0	37.60542	12.21797	25.38745	35.82376	2
1621.16	1621.932	953.9321	94.7	145.04	94.37	95.24	20.33382	13.971	65.69518	50.25435	15.44083	31.45281	2
1621.165	1621.937	953.9368	100.2	142.53	101.11	104.27	6.27124	26.31516	67.4136	63.09127	4.322331	-9999	2
1621.17	1621.942	953.9415	103.95	161.62	105.04	95.33	0	34.26699	65.73301	65.73301	0	-9999	2
1621.175	1621.946	953.9463	88.63	120.39	87.12	81.39	41.02852	4.769891	54.20159	33.10156	21.10003	33.12531	2
1621.18	1621.951	953.951	81.01	47.6	79.96	75.46	62.0891	0	37.9109	17.67233	20.23857	35.83109	2
1621.185	1621.956	953.9557	79.19	69.52	77.23	74.04	65.51136	0	34.48864	6.221865	28.26678	34.47159	2
1621.19	1621.96	953.9604	81.34	36.99	80.88	78.15	59.78062	0.400774	39.81861	27.90553	11.91307	35.92088	2
1621.195	1621.965	953.9651	87.34	32.29	86.52	83.37	58.18802	0.887862	40.92412	16.42754	24.49658	36.11238	2
1621.2	1621.97	953.9698	98.05	28.28	97.59	96.49	46.51524	7.52321	45.96155	29.01568	16.94587	34.11755	2
1621.205	1621.975	953.9746	106.88	29.68	106.55	105.43	37.04534	16.39893	46.55573	25.50658	21.04916	32.59161	2
1621.21	1621.979	953.9793	104.88	49.64	104.26	102.23	36.30252	13.15271	50.54477	21.83266	28.71211	32.92898	2
1621.215	1621.984	953.984	106.01	48.32	105.22	105.59	36.89986	12.58854	50.5116	31.08666	19.42494	32.59463	2
1621.22	1621.989	953.9887	106.07	74.73	105.38	102.59	29.67844	15.31253	55.00903	29.40595	25.60309	32.53271	2
1621.225	1621.993	953.9934	99.88	92.63	97.65	95.87	42.97644	1.961769	55.06179	31.06141	24.00038	33.82964	2
1621.23	1621.998	953.9981	98.83	36.34	98.26	98.51	44.69962	7.919915	47.38047	21.50403	25.87643	33.59157	1
1621.235	1622.003	954.0029	100.15	44.15	99.1	97.55	45.3152	6.202126	48.48267	15.62984	32.85283	34.10668	1
1621.24	1622.008	954.0076	98.6	32.51	97.8	96.95	47.62058	6.095714	46.28371	19.85475	26.42896	34.29339	1
1621.245	1622.012	954.0123	96.8	53.42	95.45	93.02	48.47886	3.457073	48.06407	33.01464	15.04943	34.61267	1
1621.25	1622.017	954.017	96.4	30.61	96.06	96.06	46.53938	7.271668	46.18895	27.38001	18.80894	33.86616	1
1621.255	1622.022	954.0217	97.39	26.05	97.44	96.94	43.7096	9.94889	46.34151	23.80538	22.53613	33.52925	1
1621.26	1622.026	954.0264	99.26	42.47	98.43	97.02	44.83556	6.978231	48.18621	24.15526	24.03095	33.94855	1
1621.265	1622.031	954.0311	102.11	53.48	101.47	100.02	38.07664	10.96275	50.96061	34.50312	16.45749	33.05476	1
1621.27	1622.036	954.0359	100.58	34.12	100	98.67	43.70436	8.933376	47.36226	27.26529	20.09698	33.76465	1
1621.275	1622.041	954.0406	101.78	49.41	102.08	102.67	32.08018	17.37765	50.54217	34.4083	16.13387	31.88059	1
1621.28	1622.045	954.0453	98.09	40.8	97.2	97.26	46.7811	5.821443	47.39746	21.46706	25.93039	33.95316	1
1621.285	1622.05	954.05	94.18	24.42	93.72	93.79	51.00976	4.867493	44.12275	25.44831	18.67444	34.5748	1
1621.29	1622.055	954.0547	96.43	51.04	95.21	93.74	48.38772	3.847222	47.76506	28.28645	19.4786	34.40083	1
1621.295	1622.059	954.0594	93.85	34.07	92.84	91.39	53.24056	2.679714	44.07973	16.53366	27.54607	35.20306	1
1621.3	1622.064	954.0642	89.6	21.09	89.21	87.89	55.48672	2.624017	41.88926	13.06333	28.82593	35.49859	1
1621.305	1622.069	954.0689	90.04	26.86	89.49	89.14	54.92558	2.571118	42.5033	28.48936	14.01395	35.17419	1
1621.31	1622.074	954.0736	92.63	49.77	91.67	89.73	50.17606	3.467863	46.35608	17.67278	28.6833	34.56033	2
1621.315	1622.078	954.0783	93.34	62.79	92.08	90.3	48.69702	3.253974	48.04901	24.44571	23.6033	34.23935	2
1621.32	1622.083	954.083	102.31	118.05	100.72	102.1	29.6292	8.604862	61.76594	39.03232	22.73361	32.01257	2
1621.325	1622.088	954.0877	102.1	190.39	99.7	99.76	18.59362	7.850327	73.55605	48.53102	25.02504	32.15557	2
1621.33	1622.092	954.0925	99.72	208.13	94.87	88.45	35.47764	0	64.52236	27.13901	37.38335	26.63387	2
1621.335	1622.097	954.0972	94.92	174.74	90.81	88.61	42.23902	0	57.76098	19.46313	38.29785	30.26827	2
1621.34	1622.102	954.1019	89.07	62.85	87.69	85.32	53.5409	1.466222	44.99288	28.54154	16.45134	34.8385	2
1621.345	1622.107	954.1066	87.34	43.3	86.32	85.5	57.0736	0.940112	41.98629	14.22314	27.76314	35.31879	2
1621.35	1622.111	954.1113	85.4	26.81	84.83	84.61	59.36148	0.690507	39.94801	11.83431	28.1137	35.76849	2
1621.355	1622.116	954.116	86.85	23.86	86.28	85.91	58.74138	1.008771	40.24985	24.05424	16.19561	35.79208	2
1621.36	1622.121	954.1208	86.58	25.3	85.84	84.93	59.9588	0.433838	39.60736	10.65859	28.94877	36.10683	2
1621.365	1622.125	954.1255	88.19	45.71	87.18	86.49	55.63088	1.399912	42.96921	15.15681	27.8124	35.04853	2
1621.37	1622.13	954.1302	90.62	78.65	88.63	86.89	53.0188	0.563889	46.41731	27.32064	19.09668	34.57821	2
1621.375	1622.135	954.1349	99.31	201.76	94.98	88.95	33.36638	0	66.63362	34.82164	31.81198	29.82779	2
1621.38	1622.14	954.1396	98.59	139.07	96.92	90.65	28.58476	8.089746	63.32549	30.93392	32.39158	33.10266	2
1621.385	1622.144	954.1443	92.32	46.04	91.22	87.43	52.44892	2.474386	45.07669	15.07828	29.99841	35.30495	2
1621.39	1622.149	954.149	90.19	50.76	88.65	85.28	56.67628	0.330615	42.99311	14.62814	28.36497	35.82513	2
1621.395	1622.154	954.1538	92.26	53.64	92.04	90.59	43.84492	6.904438	49.25064	17.65805	31.59259	33.50196	2
1621.4	1622.158	954.1585	93.27	47.26	92.1	91.32	51.82218	2.593289	45.58453	33.0908	12.49373	34.68888	2
1621.405	1622.163	954.1632	92.64	29.97	92.02	90.78	52.32346	3.676388	44.00015	20.96221	23.03794	34.95378	2
1621.41	1622.168	954.1679	93.84	51.49	93.63	93.14	42.83412	7.736414	49.42947	27.79715	21.63232	33.26334	2
1621.415	1622.173	954.1726	94.73	57.73	93.34	90.73	49.65024	2.780529	47.56923	19.91947	27.64977	34.6799	2
1621.42	1622.177	954.1773	92.95	36.16	92.5	91.74	49.22278	5.037561	45.73966	19.39167	26.34799	34.29829	2

1621.425	1622.182	954.1821	96.12	28.99	95.57	94.84	48.81652	5.826364	45.35712	27.02446	18.33266	34.38455	2
1621.43	1622.187	954.1868	95.95	62.24	94.59	93.96	47.20392	3.673748	49.12233	16.24501	32.87732	33.97422	2
1621.435	1622.191	954.1915	94.56	27.33	94.17	92.5	49.41344	5.634772	44.95179	16.95852	27.99327	34.61043	2
1621.44	1622.196	954.1962	93.47	34.17	92.86	91.06	50.46596	4.416592	45.11745	21.32765	23.7898	34.73594	8
1621.445	1622.201	954.2009	100.03	69.74	98.7	96.98	41.40282	6.062382	52.5348	22.10777	30.42703	33.56213	8
1621.45	1622.206	954.2056	106.19	60.52	105.79	105.55	30.75936	17.08308	52.15756	31.45597	20.70159	31.96975	8
1621.455	1622.21	954.2104	115.12	83.89	114.72	112.21	16.88822	30.47891	52.63287	31.39829	21.23459	31.01717	8
1621.46	1622.215	954.2151	115.76	105.26	115.73	116.16	8.26038	38.47187	53.26775	42.4674	10.80035	30.29916	8
1621.465	1622.22	954.2198	119.91	97.65	120.26	120.97	3.339	54.09747	42.56353	42.56353	0	-9999	8
1621.47	1622.225	954.2245	113.05	128.79	113.63	107.16	0.33182	43.16214	56.50604	56.50604	0	-9999	8
1621.475	1622.229	954.2292	106.69	160.92	107.21	106.53	0	33.17551	66.82449	66.82449	0	-9999	8
1621.48	1622.234	954.2339	100.97	211.75	97.89	94.43	19.7341	4.887244	75.37866	53.78272	21.59594	32.69666	8
1621.485	1622.239	954.2387	97.19	58.73	96.08	95.27	44.97504	5.305992	49.71897	24.39918	25.31978	33.74728	8
1621.49	1622.243	954.2434	94.56	89.79	92.41	91.78	47.93812	1.275863	50.78602	16.57639	34.20963	33.8208	8
1621.495	1622.248	954.2481	89.72	55.54	88.39	87.17	54.32442	1.335733	44.33985	20.97822	23.36163	34.8953	8
1621.5	1622.253	954.2528	87.16	41.46	87.17	82.96	49.70198	4.362702	45.93532	29.27661	16.6587	34.72794	8
1621.505	1622.258	954.2575	86.54	34.69	85.72	83.39	58.34322	0.786826	40.86995	26.89003	13.97992	35.90863	8
1621.51	1622.262	954.2622	85.3	42.69	84.73	83.83	55.61052	1.728089	42.66139	22.71774	19.94365	34.95059	8
1621.515	1622.267	954.2669	83.14	20.1	82.61	83	62.7545	0	37.2455	9.717301	27.5282	35.80698	8
1621.52	1622.272	954.2717	82.61	27.29	82.59	82.65	57.54962	1.374496	41.07588	12.08948	28.9864	35.21958	8
1621.525	1622.276	954.2764	82.79	63.35	80.33	78.46	67.5675	0	32.4325	6.15113	26.28137	33.29777	8
1621.53	1622.281	954.2811	91.96	92.27	90.82	90.72	41.90246	5.291136	52.8064	29.09416	23.71224	32.70498	8
1621.535	1622.286	954.2858	93.59	156.37	92.35	92.33	25.66566	9.751763	64.58258	33.13122	31.45136	31.43271	8
1621.54	1622.291	954.2905	94.47	283.7	89.54	79.55	22.6397	2.307568	75.05273	49.8047	25.24803	32.35006	8
1621.545	1622.295	954.2952	93.05	179.36	87.29	82.39	55.62888	0	44.37112	11.11984	33.25128	24.83365	8
1621.55	1622.3	954.3	95.51	97.85	92.83	87.97	49.2211	0	50.7789	11.22625	39.55265	34.05384	8
1621.555	1622.305	954.3047	98.6	132.38	94.8	89.26	46.70204	0	53.29796	22.0465	31.25146	29.07633	8
1621.56	1622.309	954.3094	98.58	130.78	95.33	90.71	42.84514	0	57.15486	27.22746	29.9274	32.25637	8
1621.565	1622.314	954.3141	98.73	150.8	94.95	89.63	41.9698	0	58.0302	21.18016	36.85004	30.13988	8
1621.57	1622.319	954.3188	95.41	86.2	92.47	88.98	54.1474	0	45.8526	18.64079	27.21181	31.96465	8
1621.575	1622.324	954.3235	94.92	104.22	90.9	88.26	58.60736	0	41.39264	24.30566	17.08698	27.57716	8
1621.58	1622.328	954.3283	99.79	193.14	94.11	87.13	45.47332	0	54.52668	16.905	37.62168	20.53555	8
1621.585	1622.333	954.333	106.13	143.1	104.51	108.43	20.2852	11.85712	67.85768	52.68844	15.16925	31.49235	8
1621.59	1622.338	954.3377	104.96	118.25	103	100.15	30.0103	6.886312	63.10339	36.67528	26.42811	33.07292	8
1621.595	1622.342	954.3424	108.63	60.27	108.48	109.16	26.63756	22.37693	50.98551	21.4389	29.54661	31.21743	8
1621.6	1622.347	954.3471	105.93	85.85	105.23	104.27	27.1937	15.84719	56.95911	28.22209	28.73702	32.0801	8
1621.605	1622.352	954.3518	103.36	128.7	101.47	98.98	28.4109	7.573172	64.01593	33.66116	30.35477	32.79182	8
1621.61	1622.357	954.3566	104.12	80.27	103.4	101.18	30.36426	13.74698	55.88876	22.63746	33.2513	32.52513	8
1621.615	1622.361	954.3613	110.23	89.25	109.55	108.8	22.2599	20.62627	57.11383	33.91986	23.19396	31.64827	8
1621.62	1622.366	954.366	112.07	75.26	111.21	109.84	25.34768	19.70255	54.94977	33.0799	21.86986	31.80725	8
1621.625	1622.371	954.3707	102.18	97.11	101	97.59	31.63878	10.04175	58.31947	30.8302	27.48926	32.93578	8
1621.63	1622.375	954.3754	95.59	79.61	94.08	91.36	44.49408	3.950043	51.55588	32.39183	19.16404	33.84881	8
1621.635	1622.38	954.3801	98.38	96.58	97.06	94.57	36.34804	7.192073	56.45989	31.75892	24.70097	32.98556	8
1621.64	1622.385	954.3848	97.8	74.99	96.74	93.39	40.09142	6.98187	52.92671	25.79076	27.13595	33.54535	8
1621.645	1622.39	954.3896	101.13	138.02	99.36	94.02	27.27706	8.265092	64.45785	37.82684	26.631	33.08179	8
1621.65	1622.394	954.3943	105	242.67	101.96	90.79	8.23386	6.960743	84.8054	67.64257	17.16282	35.26286	8
1621.655	1622.399	954.399	109.26	305.64	106.22	93.63	0	10.87425	89.12575	89.12575	0	-9999	8
1621.66	1622.404	954.4037	123.33	443.82	129.1	133.78	0	100	0	0	0	-9999	8
1621.665	1622.408	954.4084	122.26	182.09	121.8	116.45	0	49.96929	50.03071	50.03071	0	-9999	8
1621.67	1622.413	954.4131	114.22	246.95	110.44	106.76	4.4507	0	95.5493	70.76424	24.78506	-9999	8
1621.675	1622.418	954.4179	95.5	129.36	92.79	89.88	41.83738	1.403786	56.75883	29.20668	27.55215	33.26304	8
1621.68	1622.423	954.4226	91.54	103.6	87.41	85.45	62.7195	0	37.2805	13.53171	23.74879	28.3614	8
1621.685	1622.427	954.4273	95.21	113.33	92.65	88.54	44.82094	1.017016	54.16204	16.05914	38.10291	33.92468	8
1621.69	1622.432	954.432	99.79	221.86	97.05	91.27	15.73808	7.631832	76.63009	54.48333	22.14675	33.05109	8
1621.695	1622.437	954.4367	94.56	141.26	93.66	94.08	25.79488	10.76214	63.44298	43.34603	20.09695	31.50221	8
1621.7	1622.441	954.4414	92.04	122.59	89.15	87.37	48.05392	0.124065	51.82202	20.3686	31.45341	33.48447	8
1621.705	1622.446	954.4462	91.6	186.26	87.5	84.33	42.42808	0	57.57192	25.75448	31.81744	32.12741	8
1621.71	1622.451	954.4509	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1622	1622.724	954.7244	93	43.3	91.45	88.17	55.9739	0.52244	43.50366	24.73309	18.77057	35.95444	1
1622.005	1622.729	954.7291	94.53	66.54	92.41	89.04	53.35972	0	46.64028	20.76093	25.87935	35.19663	1
1622.01	1622.734	954.7338	91.03	43.58	89.8	89.16	55.23854	1.314664	43.4468	13.00036	30.44644	35.17312	1
1622.015	1622.739	954.7385	88.71	25.77	88.5	87.89	53.77796	3.22636	42.99568	25.98763	17.00805	34.95823	1
1622.02	1622.743	954.7433	91.85	58.48	91.24	89.18	46.07334	5.270886	48.65577	20.96306	27.69271	33.8454	1
1622.025	1622.748	954.748	90.57	49.35	88.71	86.71	59.1479	0	40.8521	24.74992	16.10218	34.84617	1
1622.03	1622.753	954.7527	88.73	57.34	86.82	85.17	59.29462	0	40.70538	18.67832	22.02706	34.60172	1
1622.035	1622.757	954.7574	85.59	22.17	85.02	84.28	60.30956	0.442987	39.24745	25.44288	13.80457	36.13059	1
1622.04	1622.762	954.7621	85.31	15.11	85.12	85.47	59.33068	1.088388	39.58093	29.51927	10.06166	35.81607	1
1622.045	1622.767	954.7668	89.9	84.19	86.78	86.67	61.09802	0	38.90198	11.12881	27.77317	31.17953	1
1622.05	1622.772	954.7716	89.17	55.34	86.9	85.76	62.16382	0	37.83618	21.35765	16.47853	33.32803	1
1622.055	1622.776	954.7763	89.26	35.94	87.92	87.94	59.56832	0	40.43168	23.7734	16.65828	35.67649	1
1622.06	1622.781	954.781	86.53	38	85.67	86.06	57.8614	0.873798	41.2648	27.44105	13.82375	35.26144	1
1622.065	1622.786	954.7857	85.51	42.25	84.26	82.77	60.7938	0	39.2062	22.94034	16.26586	35.54935	1
1622.07	1622.79	954.7904	95.74	70.61	94.87	93.49	41.57408	6.712053	51.71387	26.73157	24.9823	33.25898	1

1622.075	1622.795	954.7951	102.79	135.87	101.5	99.37	22.55016	12.20387	65.24597	46.48008	18.76589	32.38142	1
1622.08	1622.8	954.7999	85.05	52.72	83.37	82.9	62.01576	0	37.98424	22.66186	15.32238	34.46394	1
1622.085	1622.805	954.8046	82.01	23.92	81.16	80.33	65.34966	0	34.65034	20.01979	14.63055	35.16621	1
1622.09	1622.809	954.8093	80.29	27.11	79.18	77.33	68.17508	0	31.82492	5.186616	26.6383	34.6973	1
1622.095	1622.814	954.814	79.04	23.83	78.23	77.43	67.79384	0	32.20616	19.72374	12.48242	34.69168	1
1622.1	1622.819	954.8187	81.03	9.41	81	80.82	63.40768	0	36.59232	7.671328	28.92099	36.05208	1
1622.105	1622.823	954.8234	86.51	23.59	85.78	85.17	60.35952	0.328363	39.31212	17.29143	22.02068	36.14885	1
1622.11	1622.828	954.8282	90.2	62.66	88.96	86.73	51.46228	2.304263	46.23346	21.92359	24.30986	34.54247	1
1622.115	1622.833	954.8329	94.35	87.35	94.55	95.08	30.5093	12.57877	56.91193	39.86709	17.04484	31.85144	1
1622.12	1622.838	954.8376	89.06	62.41	87.58	85.84	54.43158	1.066903	44.50152	25.30231	19.19921	34.87577	1
1622.125	1622.842	954.8423	81.39	20.7	80.81	80.49	64.6068	0	35.3932	12.04397	23.34923	35.37599	1
1622.13	1622.847	954.847	79.45	12.43	79.3	79.61	65.06044	0	34.93956	20.6722	14.26736	35.33609	1
1622.135	1622.852	954.8517	78.94	21.65	78.11	77.11	68.5684	0	31.4316	7.944096	23.4875	34.65276	1
1622.14	1622.856	954.8564	77.92	18.33	77.39	76.61	67.98524	0	32.01476	13.72501	18.28975	34.76647	1
1622.145	1622.861	954.8612	83.25	42.46	82.47	82.85	59.17968	0.446977	40.37334	13.75433	26.61901	35.2451	1
1622.15	1622.866	954.8659	82.29	30.18	81.8	81.41	60.78714	0.14598	39.06688	24.1562	14.91068	35.85059	1
1622.155	1622.871	954.8706	78.31	14.04	78.06	78.73	66.49462	0	33.50538	22.6459	10.85948	34.86457	1
1622.16	1622.875	954.8753	79.39	12.68	79.35	79.61	64.20264	0	35.79736	24.54105	11.25631	35.51555	1
1622.165	1622.88	954.88	80.13	8.72	80.09	80.22	64.48016	0	35.51984	10.61863	24.90121	35.67323	1
1622.17	1622.885	954.8847	79.52	9.68	79.45	79.59	65.04154	0	34.95846	8.744338	26.21412	35.46013	1
1622.175	1622.889	954.8895	79.39	12.35	78.96	78.65	67.305	0	32.695	5.282432	27.41257	35.0017	1
1622.18	1622.894	954.8942	82.6	37.94	81.91	79.2	60.17402	0.211002	39.61498	25.9449	13.67008	36.04381	1
1622.185	1622.899	954.8989	84.73	63.28	83.79	76.98	54.01964	1.794407	44.18595	24.0951	20.09085	35.42506	1
1622.19	1622.904	954.9036	77.52	22.54	77.55	76.29	62.99442	0	37.00558	23.36227	13.64331	35.60391	1
1622.195	1622.908	954.9083	84.21	51.07	83.65	80.61	54.50786	1.96066	43.53148	20.16115	23.37033	34.96567	1
1622.2	1622.913	954.913	84.54	43.99	84.61	84.72	51.03512	3.548227	45.41665	16.8938	28.52286	33.97569	1
1622.205	1622.918	954.9178	90.11	75.26	90.98	92.41	32.14338	11.81695	56.03967	22.8068	33.23286	31.79317	1
1622.21	1622.922	954.9225	87.62	33.97	87.83	88.89	49.54136	4.817347	45.64129	25.25047	20.39083	33.83339	1
1622.215	1622.927	954.9272	92.5	42.92	92.59	95.65	43.81586	7.763761	48.42038	21.46676	26.95361	32.74009	1
1622.22	1622.932	954.9319	92.64	82.7	92.35	94.18	37.0053	8.756573	54.23813	29.96296	24.27517	32.00048	1
1622.225	1622.937	954.9366	88.37	52.97	87.59	84.72	51.92586	2.784653	45.28949	24.63869	20.6508	34.72856	1
1622.23	1622.941	954.9413	82.89	35.02	82.59	82.24	57.59136	1.198138	41.2105	22.88369	18.32682	35.18443	1
1622.235	1622.946	954.9461	85.02	30.79	84	81.79	62.23542	0	37.76458	11.47341	26.29117	35.86586	1
1622.24	1622.951	954.9508	88.3	53.37	88.02	89.11	48.01846	4.634436	47.3471	32.19637	15.15073	33.4123	1
1622.245	1622.955	954.9555	81.9	39.16	80.86	77.98	63.23528	0	36.76472	18.42746	18.33726	35.49428	1
1622.25	1622.96	954.9602	78.2	15.97	77.57	77.15	69.07376	0	30.92624	9.552037	21.3742	34.59168	2
1622.255	1622.965	954.9649	80.48	26.72	79.67	78.24	65.76966	0	34.23034	17.56353	16.66681	35.10454	2
1622.26	1622.97	954.9696	86.77	49.86	85.74	83.67	56.08798	1.180438	42.73158	26.86719	15.8644	35.23266	2
1622.265	1622.974	954.9743	82.42	44.75	81.33	79.24	61.7916	0	38.2084	10.39618	27.81222	35.48556	2
1622.27	1622.979	954.9791	77.85	50.89	76.17	74.2	69.08262	0	30.91738	4.786224	26.13116	34.21452	2
1622.275	1622.984	954.9838	72.78	10.46	72.49	72.27	72.75858	0	27.24142	16.47171	10.76971	34.01548	2
1622.28	1622.988	954.9885	75.92	19.76	74.9	73.33	73.27668	0	26.72332	23.14394	3.579381	34.2516	2
1622.285	1622.993	954.9932	80.44	22.56	79.91	79.11	64.64318	0	35.35682	23.25478	12.10204	35.36746	2
1622.29	1622.998	954.9979	80.79	41.91	79.39	77.37	66.38098	0	33.61902	23.47289	10.14613	34.60154	2
1622.295	1623.003	955.0026	77.51	20.33	76.78	76.24	69.42844	0	30.57156	14.25477	16.31679	34.46141	2
1622.3	1623.007	955.0074	82.45	37.64	81.32	81.37	63.79462	0	36.20538	17.12951	19.07587	34.83711	2
1622.305	1623.012	955.0121	83.63	48.15	83.2	85.18	54.7406	1.958458	43.30094	22.78944	20.51151	34.08968	2
1622.31	1623.017	955.0168	89.59	40.75	89.55	90.2	48.0257	5.348118	46.62618	15.12472	31.50147	33.68239	2
1622.315	1623.022	955.0215	85.85	48.67	84.67	83.23	58.38486	0.362126	41.25301	16.46505	24.78796	35.50126	2
1622.32	1623.026	955.0262	79.05	25.18	78.04	77.28	69.00794	0	30.99206	13.89309	17.09897	34.44788	2
1622.325	1623.031	955.0309	77.64	33.88	76.18	74.59	71.68724	0	28.31276	15.57878	12.73398	34.13407	2
1622.33	1623.036	955.0357	74.83	24.33	74.02	73.11	71.54604	0	28.45396	6.279998	22.17396	34.21859	2
1622.335	1623.04	955.0404	76.97	36.23	75.53	73.9	71.57994	0	28.42006	10.7073	17.71276	34.16184	2
1622.34	1623.045	955.0451	77.24	34.54	76.29	73.96	67.94302	0	32.05698	12.70912	19.34786	34.73835	2
1622.345	1623.05	955.0498	78.4	24.82	77.72	76.82	67.13556	0	32.86444	14.2996	18.56484	34.79192	2
1622.35	1623.055	955.0545	81.12	55.49	79.59	77.8	63.79852	0	36.20148	23.66404	12.53744	34.66025	2
1622.355	1623.059	955.0592	76.38	21.96	75.75	75.24	69.29858	0	30.70142	8.051514	22.64991	34.4224	2
1622.36	1623.064	955.064	76.48	12.7	75.94	75.31	70.75	0	29.25	17.72503	11.52497	34.42092	2
1622.365	1623.069	955.0687	77.85	20.71	77.37	75.55	67.08618	0	32.91382	5.184631	27.72919	35.0454	2
1622.37	1623.073	955.0734	73.62	21.35	73.06	72.8	71.4429	0	28.5571	9.708253	18.84885	34.09415	2
1622.375	1623.078	955.0781	71.68	28.13	70.2	69.22	78.71694	0	21.28306	20.96421	0.318849	34.07159	2
1622.38	1623.083	955.0828	71.37	50.24	69.41	68.33	77.37152	0	22.62848	20.41267	2.215813	34.18466	2
1622.385	1623.088	955.0875	79.87	84.6	78.35	76.27	57.8264	0.684031	41.48957	18.65718	22.83238	34.45876	2
1622.39	1623.092	955.0922	83.72	39.48	83.24	81.39	57.14344	1.255966	41.60059	22.10902	19.49158	35.35202	2
1622.395	1623.097	955.097	80.92	29.35	80.16	79.47	64.3409	0	35.6591	21.61984	14.03926	35.195	2
1622.4	1623.102	955.1017	86.44	66.46	84.78	79.8	57.25688	0.168805	42.57431	16.12234	26.45198	35.72346	2
1622.405	1623.106	955.1064	90.89	57.75	89.98	89.55	49.4582	3.537024	47.00478	32.42757	14.5772	33.98563	2
1622.41	1623.111	955.1111	88.21	18.78	87.75	87.1	57.86704	1.591472	40.54149	25.58741	14.95408	35.79345	2
1622.415	1623.116	955.1158	84.08	32.99	83.02	82.67	62.87782	0	37.12218	19.07183	18.05035	35.26639	2
1622.42	1623.121	955.1205	82.5	31.76	81.22	80.41	66.33408	0	33.66592	9.427851	24.23807	34.58923	2
1622.425	1623.125	955.1253	85.24	61.8	84.53	82.65	52.1261	2.555927	45.31797	26.59455	18.72342	34.27276	2
1622.43	1623.13	955.13	96.31	138	96.63	88.37	15.5188	18.19804	66.28316	38.31859	27.96457	33.34093	2
1622.435	1623.135	955.1347	82.15	33.67	81.48	77.27	61.46636	0	38.53364	24.96926	13.56438	36.41663	2

1622.44	1623.139	955.1394	83.39	20.53	82.88	81.14	62.26544	0	37.73456	16.38954	21.34502	36.32432	2
1622.445	1623.144	955.1441	91.15	43.33	91.02	90.67	46.66364	5.989765	47.34659	17.49295	29.85365	33.70466	2
1622.45	1623.149	955.1488	86.2	29.76	85.78	84.56	56.74908	1.670439	41.58048	13.50175	28.07873	35.43953	2
1622.455	1623.154	955.1536	83.82	13.32	83.71	83.67	60.51466	0.629173	38.85617	20.20813	18.64804	36.08218	2
1622.46	1623.158	955.1583	85.83	39.96	84.81	83.67	59.27108	0.277078	40.45184	15.37578	25.07606	35.74547	2
1622.465	1623.163	955.163	84.79	21.99	84.73	84.5	57.13662	1.757083	41.1063	24.90472	16.20158	35.37191	2
1622.47	1623.168	955.1677	85.55	22.3	85.41	85.2	56.9824	1.835137	41.18246	23.39729	17.78517	35.36906	2
1622.475	1623.172	955.1724	90.09	47.66	89.59	87.79	49.45848	4.199185	46.34233	24.2734	22.06893	34.29452	2
1622.48	1623.177	955.1771	92.95	56.1	92.8	93.56	42.0723	7.798677	50.12902	33.08187	17.04715	32.87746	2
1622.485	1623.182	955.1819	85.96	28.88	85.92	87.02	54.23784	2.787903	42.97426	30.73615	12.23811	34.56502	2
1622.49	1623.187	955.1866	81.59	15.5	81.39	80.79	62.7362	0	37.2638	15.83461	21.42919	36.11202	2
1622.495	1623.191	955.1913	83.41	33.93	82.69	81.54	60.63174	0.087781	39.28048	18.91199	20.36849	35.96059	2
1622.5	1623.196	955.196	84.3	42.35	83.76	81.22	56.3803	1.461894	42.15781	20.77166	21.38615	35.32973	2
1622.505	1623.201	955.2007	82.93	39.2	82.22	82.72	59.7205	0.334018	39.94548	28.2291	11.71638	35.35875	2
1622.51	1623.205	955.2054	80.09	42.42	78.82	77.67	65.89406	0	34.10594	15.01001	19.09593	34.57542	2
1622.515	1623.21	955.2101	81.4	28.51	80.35	79.38	66.35008	0	33.64992	11.04616	22.60376	34.80693	2
1622.52	1623.215	955.2149	80.13	31.07	79.26	77.79	65.50396	0	34.49604	16.22268	18.27336	35.03649	2
1622.525	1623.22	955.2196	83.53	38.12	83.21	82.73	56.40736	1.570746	42.02189	17.33254	24.68936	34.97857	2
1622.53	1623.224	955.2243	86.83	26.22	86.51	86.14	56.25116	2.022825	41.72601	25.33273	16.39328	35.26803	2
1622.535	1623.229	955.229	92.02	54.05	91.14	88.2	49.0815	3.862423	47.05608	33.18993	13.86615	34.48877	2
1622.54	1623.234	955.2337	92.23	54.02	91.26	89.97	49.59306	3.550165	46.85677	20.00744	26.84933	34.27758	2
1622.545	1623.238	955.2384	93.2	65.64	92.04	89.29	47.36112	3.853816	48.78506	16.43806	32.34701	34.17344	2
1622.55	1623.243	955.2432	92.04	52.51	91.15	90.06	49.51328	3.722917	46.7638	28.22716	18.53664	34.22911	2
1622.555	1623.248	955.2479	90.53	41.95	89.85	89.02	51.8305	3.272061	44.89744	26.75337	18.14407	34.57374	2
1622.56	1623.253	955.2526	89.99	35.81	89.57	87.92	51.79818	3.677378	44.52444	19.69057	24.83387	34.75407	2
1622.565	1623.257	955.2573	92.12	74.62	91.63	87.1	40.98906	7.023361	51.98758	26.75421	25.23337	33.57317	2
1622.57	1623.262	955.262	92.17	38.71	91.69	91.96	49.55578	4.669384	45.77484	29.27837	16.49647	34.10154	2
1622.575	1623.267	955.2667	88.05	21.57	87.98	87.08	54.31656	3.155956	42.52748	16.27701	26.25047	35.12433	2
1622.58	1623.271	955.2715	91.64	60.97	89.95	89.69	54.03396	0.768014	45.19803	29.05984	16.13819	34.7484	2
1622.585	1623.276	955.2762	97.49	49.92	97.35	98.04	39.31356	10.50218	50.18426	27.88766	22.2966	32.6919	2
1622.59	1623.281	955.2809	98.98	44.8	99.06	99.08	37.4768	12.74904	49.77416	18.66062	31.11353	32.59734	2
1622.595	1623.286	955.2856	89.62	34.31	89.5	88.37	50.17658	4.606299	45.21712	29.29397	15.92315	34.39518	2
1622.6	1623.29	955.2903	88.55	20.41	88.34	87.38	55.22228	2.788968	41.98875	16.80666	25.18209	35.3335	2
1622.605	1623.295	955.295	86.91	26.9	86.55	87.37	56.323	1.962578	41.71442	17.69838	24.01604	35.05602	2
1622.61	1623.3	955.2998	85.15	42.78	84.11	82.48	59.36924	0.219318	40.41144	19.02439	21.38705	35.76707	2
1622.615	1623.304	955.3045	79.47	32.22	78.37	76.62	67.61536	0	32.38464	22.38637	9.998267	34.67157	2
1622.62	1623.309	955.3092	85.94	63.8	84.88	82.63	53.7106	1.78898	44.50042	22.43091	22.06952	34.60166	2
1622.625	1623.314	955.3139	88.61	44.36	87.99	88.13	52.54868	2.886	44.56532	18.33199	26.23333	34.38686	2
1622.63	1623.319	955.3186	85.55	76.83	83.7	82.27	57.03864	0.132848	42.82851	15.9015	26.92702	34.79564	2
1622.635	1623.323	955.3233	96.17	194.98	93.88	89.29	22.08594	7.940943	69.97312	41.87192	28.1012	32.28838	2
1622.64	1623.328	955.328	103.76	143.86	105.26	105.83	0	36.36791	63.63209	63.63209	0	-9999	2
1622.645	1623.333	955.3328	103.61	111.35	103.88	103.53	15.6396	23.42233	60.93807	45.873	15.06507	31.64847	2
1622.65	1623.337	955.3375	100	58.05	100.18	100.59	32.5569	15.2565	52.1866	37.31025	14.87635	32.033	2
1622.655	1623.342	955.3422	91.68	91.92	90.87	86.22	39.68726	6.581745	53.73099	25.88003	27.85097	33.3051	2
1622.66	1623.347	955.3469	84.78	83.07	81.9	80.02	64.21946	0	35.78054	9.639074	26.14147	32.73271	2
1622.665	1623.352	955.3516	89.84	111.41	87.8	82.65	46.19598	2.465385	51.33863	25.65321	25.68543	33.74849	2
1622.67	1623.356	955.3563	85.18	28.87	84.56	82.95	59.45286	0.596695	39.95044	24.33574	15.6147	35.99007	2
1622.675	1623.361	955.3611	81.01	34.41	80.66	77.33	59.85608	0.414141	39.72978	27.23854	12.49124	36.06096	2
1622.68	1623.366	955.3658	79.5	37.13	78.82	77.45	63.14454	0	36.85546	6.733654	30.12181	35.34025	2
1622.685	1623.37	955.3705	81.81	50.08	81.37	78.33	56.02544	1.478383	42.49618	23.22998	19.2662	35.09239	2
1622.69	1623.375	955.3752	86.37	95.25	85.17	83.9	46.7891	3.575067	49.63583	18.58614	31.04969	33.03418	2
1622.695	1623.38	955.3799	90.74	104.52	89.07	87.77	44.16786	3.581757	52.25038	18.80814	33.44224	32.95563	2
1622.7	1623.385	955.3846	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1623.005	1623.672	955.6723	112.11	140.87	111.53	108.9	7.26326	27.54766	65.18908	60.01317	5.175903	-9999	2
1623.01	1623.677	955.677	109.38	110.81	107.51	105.86	27.04688	8.982229	63.97089	43.32542	20.64547	32.84777	2
1623.015	1623.682	955.6817	107.07	73.88	106.65	104.44	26.87164	18.73934	54.38902	37.50756	16.88146	32.07495	2
1623.02	1623.686	955.6865	102.4	84.68	101.48	98.06	32.42944	11.22464	56.34592	31.77669	24.56923	32.93282	2
1623.025	1623.691	955.6912	98.03	63.57	97.34	97.39	39.77596	8.512084	51.71196	27.48934	24.22262	32.88222	2
1623.03	1623.696	955.6959	94.5	54.92	94.08	93.21	43.02436	7.309662	49.66598	32.23786	17.42812	33.35019	2
1623.035	1623.701	955.7006	92.85	56.79	92.4	92.98	44.32232	6.377235	49.30045	21.57077	27.72967	33.17493	2
1623.04	1623.705	955.7053	91.81	56.57	90.97	90.28	48.35486	4.120038	47.5251	26.60228	20.92282	33.92476	2
1623.045	1623.71	955.71	91.97	48.99	91.68	90.95	45.77952	6.113009	48.10747	25.60582	22.50165	33.63211	2
1623.05	1623.715	955.7148	92.23	48.84	91.72	92.38	47.28162	5.248187	47.47019	23.13988	24.33031	33.59969	2
1623.055	1623.719	955.7195	92.38	55.97	91.68	90.53	46.89066	4.946478	48.16286	20.55599	27.60687	33.82961	2
1623.06	1623.724	955.7242	92.36	69.55	91.8	89.97	42.5377	6.484679	50.97762	30.20452	20.7731	33.28867	2
1623.065	1623.729	955.7289	91.98	98.91	90.14	89.38	45.70218	2.782266	51.51555	22.65911	28.85644	33.19973	2
1623.07	1623.734	955.7336	90.47	67.16	89.41	87.2	48.72988	3.40944	47.86068	26.10591	21.75477	34.08052	2
1623.075	1623.738	955.7383	92.94	90.08	90.42	88.43	52.22584	0	47.77416	28.34794	19.42622	33.85519	2
1623.08	1623.743	955.7431	93.61	67.75	92.47	90.47	46.3183	4.243437	49.43826	35.12385	14.31441	33.89004	2
1623.085	1623.748	955.7478	88.33	56.44	87.77	87.98	49.41792	3.813104	46.76898	22.61046	24.15852	33.72818	2
1623.09	1623.752	955.7525	86.91	67.07	86.06	84.7	50.39936	2.990957	46.60968	22.32899	24.2807	33.94332	2
1623.095	1623.757	955.7572	89.45	101.84	87.08	87.3	51.42822	0.574491	47.99729	31.14516	16.85213	33.55575	2
1623.1	1623.762	955.7619	85.97	62.26	84.68	83.86	55.83818	0.9607	43.20112	23.7118	19.48932	34.71826	2

1623.105	1623.767	955.7666	84.59	59.43	83.02	81.94	59.96264	0	40.03736	8.591704	31.44566	34.96601	2
1623.11	1623.771	955.7714	85.93	71.08	84.41	80.04	55.52304	0.823807	43.65315	30.3177	13.33545	35.18484	2
1623.115	1623.776	955.7761	85.09	46.14	84.64	80.55	54.03882	2.267569	43.69361	19.71688	23.97673	35.19846	2
1623.12	1623.781	955.7808	84.71	52.79	84.84	84.61	48.28412	4.406704	47.30918	24.07029	23.23889	33.54053	2
1623.125	1623.786	955.7855	86.93	66.18	85.57	83.94	54.54884	1.227095	44.22407	13.23442	30.98964	34.65825	2
1623.13	1623.79	955.7902	85.72	62.8	85.28	84.86	49.35	3.653652	46.99635	17.77305	29.2233	33.61575	2
1623.135	1623.795	955.7949	84.26	54.11	84.63	83.89	46.51868	5.052644	48.42868	30.64934	17.77933	33.38922	2
1623.14	1623.8	955.7996	82.78	58.47	82.9	81.83	48.76266	3.947622	47.28972	23.73787	23.55185	33.58622	2
1623.145	1623.804	955.8044	103.53	167.26	100.5	105	27.75798	2.040987	70.20103	39.57609	30.62494	31.7106	2
1623.15	1623.809	955.8091	104.85	35.04	104.38	103.44	38.70082	13.40777	47.89141	33.10815	14.78326	32.91558	2
1623.155	1623.814	955.8138	102.34	42.04	101.73	102	40.40102	10.59079	49.00819	20.52284	28.48535	33.00066	2
1623.16	1623.819	955.8185	102.31	45.35	101.76	100.71	39.1626	11.23626	49.60114	25.2698	24.33134	33.07231	2
1623.165	1623.823	955.8232	102.67	47.52	102.44	102.56	35.82626	14.11967	50.05407	24.927	25.12707	32.39158	2
1623.17	1623.828	955.8279	99.08	32.8	98.77	98.43	43.3113	9.505097	47.1836	28.432	18.75161	33.45692	2
1623.175	1623.833	955.8327	97.63	23.69	97.63	98.32	44.44742	9.682122	45.87046	18.51165	27.3588	33.41213	2
1623.18	1623.837	955.8374	97.04	26.34	97.1	97.17	43.88392	9.746508	46.36957	29.24249	17.12708	33.43159	2
1623.185	1623.842	955.8421	97.24	39.69	97.14	96.94	41.70922	9.859615	48.43116	31.4464	16.98476	33.16254	2
1623.19	1623.847	955.8468	94.7	34.71	94.26	89.98	47.88618	5.959792	46.15403	26.38992	19.76411	34.79197	2
1623.195	1623.852	955.8515	91.54	51.64	90.34	89.67	52.58632	2.1493	45.26438	31.8792	13.38518	34.63829	2
1623.2	1623.856	955.8562	88.9	27.56	88.51	88.59	54.56498	2.744296	42.69072	24.97201	17.71871	34.95065	2
1623.205	1623.861	955.861	87.71	31.01	87.49	85.47	53.50738	3.080925	43.41169	13.30732	30.10438	35.05818	2
1623.21	1623.866	955.8657	84.92	50.18	82.91	81.17	65.30754	0	34.69246	20.23448	14.45798	33.85211	2
1623.215	1623.87	955.8704	83.95	33.51	82.9	82.75	62.79408	0	37.20592	25.23232	11.9736	35.23147	2
1623.22	1623.875	955.8751	84.68	19.41	84.55	83.96	58.40468	1.316934	40.27839	23.87034	16.40804	35.70526	2
1623.225	1623.88	955.8798	87.47	37.13	87.05	86.85	53.79714	2.670207	43.53265	17.27495	26.2577	34.68446	2
1623.23	1623.885	955.8845	88.25	55.14	88.06	89.21	46.93862	5.068086	47.99329	31.14563	16.84766	33.2285	2
1623.235	1623.889	955.8893	85.82	48.67	85.06	84.57	55.15746	1.695934	43.14661	24.3701	18.7765	34.72534	2
1623.24	1623.894	955.894	83.1	42.28	81.73	80.15	63.93374	0	36.06626	14.14788	21.91838	34.8503	2
1623.245	1623.899	955.8987	82.38	39.44	81.29	77.86	63.11342	0	36.88658	10.0075	26.87908	35.583	2
1623.25	1623.903	955.9034	80.34	21.08	80.04	77.45	63.31084	0	36.68916	25.00318	11.68598	36.04184	2
1623.255	1623.908	955.9081	85.98	49.45	84.6	83.1	59.6265	0	40.3735	12.27497	28.09853	35.48987	9
1623.26	1623.913	955.9128	95.08	90.95	93.79	90.24	40.514	5.642545	53.84345	29.10313	24.74032	33.39736	9
1623.265	1623.918	955.9175	105.56	148.98	105.73	107.43	5.51414	27.50114	66.98472	61.00205	5.982667	-9999	9
1623.27	1623.922	955.9223	105.66	103.56	105.09	105.22	22.14878	17.93908	59.91214	41.67613	18.23601	31.69554	9
1623.275	1623.927	955.927	105.59	90.77	105.2	104.35	23.91336	18.5927	57.49394	30.65098	26.84297	31.81306	9
1623.28	1623.932	955.9317	102.91	58.49	102.83	101.49	31.78822	16.2612	51.95058	33.33928	18.6113	32.25889	9
1623.285	1623.936	955.9364	100.74	76.71	100.52	99.34	30.46038	14.42017	55.11945	40.28141	14.83804	32.2292	9
1623.29	1623.941	955.9411	104.93	93.23	105.26	106.96	18.34524	24.36116	57.2936	28.04193	29.25166	31.04418	9
1623.295	1623.946	955.9458	108.64	87.79	108.86	110.61	17.10102	28.13696	54.76202	32.58485	22.17717	30.68155	9
1623.3	1623.951	955.9506	109.99	104.17	110.32	110.5	11.04256	32.6042	56.35324	52.35876	3.994484	30.95449	9
1623.305	1623.955	955.9553	108.88	102.39	109.28	111.12	11.95202	31.42859	56.61939	43.32676	13.29263	30.72051	9
1623.31	1623.96	955.96	113.87	86.03	114.37	117.98	10.54534	40.93308	48.52158	29.76527	18.75631	29.26433	9
1623.315	1623.965	955.9647	118.61	94.37	119.11	120.23	4.16626	53.02971	42.80403	42.80403	0	-9999	9
1623.32	1623.969	955.9694	112.61	81.67	113.19	113.32	12.13966	39.05743	48.80291	27.74469	21.05822	30.03975	9
1623.325	1623.974	955.9741	109.64	68.78	109.49	110.29	23.64894	24.31407	52.03699	25.97502	26.06197	30.97826	9
1623.33	1623.979	955.9789	109.26	152.07	109.8	112.24	0	36.95704	63.04296	63.04296	0	-9999	9
1623.335	1623.984	955.9836	123.33	103.82	125.49	126.55	0	100	0	0	0	-9999	9
1623.34	1623.988	955.9883	125.82	54.04	126.28	126.96	7.60292	73.01734	19.37974	14.20459	5.175149	-9999	9
1623.345	1623.993	955.993	121.7	87.33	122.19	122.11	3.10464	61.48009	35.41527	35.41527	0	-9999	9
1623.35	1623.998	955.9977	124.09	83.35	125.04	126.25	0	80.11668	19.88332	19.88332	0	-9999	9
1623.355	1624.002	956.0024	116.28	132.87	115.89	112.09	3.89036	35.89542	60.21422	60.21422	0	-9999	9
1623.36	1624.007	956.0072	117.43	184.15	118.82	117.26	0	71.15387	28.84613	28.84613	0	-9999	9
1623.365	1624.012	956.0119	113.58	172.07	114.81	113.59	0	56.35999	43.64001	43.64001	0	-9999	9
1623.37	1624.017	956.0166	108.04	127.66	106.95	101.37	18.15698	16.88039	64.96263	46.71261	18.25003	32.98694	9
1623.375	1624.021	956.0213	102.17	200.36	100.04	96.08	14.02398	10.3644	75.61162	50.8701	24.74152	33.00713	9
1623.38	1624.026	956.026	92.27	171.87	87.66	85.06	49.24656	0	50.75344	22.34566	28.40778	28.89412	8
1623.385	1624.031	956.0307	91.49	67.9	89.15	86.94	57.5324	0	42.4676	22.44181	20.02579	33.73655	8
1623.39	1624.035	956.0354	90.29	84.72	87.96	86.59	54.48846	0	45.51154	25.71433	19.79721	34.15248	8
1623.395	1624.04	956.0402	86.06	79.42	84.35	83.12	54.85766	0.818352	44.32399	13.75052	30.57347	34.37487	8
1623.4	1624.045	956.0449	84.34	83.08	82.41	80.14	57.25934	0.155114	42.58555	23.78442	18.80113	34.78001	8
1623.405	1624.05	956.0496	83.07	55.13	82.22	80.48	56.82164	1.055838	42.12252	28.34918	13.77334	34.97285	8
1623.41	1624.054	956.0543	80.14	44.13	79.14	78.04	63.34174	0	36.65826	24.41439	12.24387	35.03651	8
1623.415	1624.059	956.059	81.88	69.05	81.23	83.17	52.9978	2.217637	44.78456	26.67654	18.10803	33.36954	8
1623.42	1624.064	956.0637	86.08	55.39	86	86.72	48.02202	4.49507	47.48291	24.00404	23.47887	33.34968	8
1623.425	1624.068	956.0685	78.84	50.76	77.92	75.06	62.31328	0	37.68672	15.68339	22.00333	35.43439	8
1623.43	1624.073	956.0732	80.77	58.8	79.06	76.96	64.7145	0	35.2855	7.351578	27.93392	34.45305	8
1623.435	1624.078	956.0779	90.52	129.6	88.54	83.33	40.7034	4.025179	55.27142	23.42543	31.84599	33.03325	8
1623.44	1624.083	956.0826	100.09	137.88	99.41	95.33	19.82024	14.92002	65.25974	50.48273	14.77701	32.5455	8
1623.445	1624.087	956.0873	96.81	240.38	99.57	97.1	0	40.85101	59.14899	59.14899	0	-9999	8
1623.45	1624.092	956.092	81.14	202.82	75.8	70.65	57.65376	0.308409	42.03783	18.90348	23.13435	32.76227	8
1623.455	1624.097	956.0968	77.8	149.49	74.66	74.04	56.58242	1.533887	41.88369	15.97044	25.91325	32.47242	8
1623.46	1624.101	956.1015	79.65	152.85	76.16	75.21	56.7798	0.976473	42.24373	23.55233	18.6914	32.68958	8
1623.465	1624.106	956.1062	78.63	78.89	76.59	75.11	64.37902	0	35.62098	22.97039	12.65059	34.22557	8

1623.47	1624.111	956.1109	88.09	145.24	86.35	78.26	37.29412	5.527212	57.17867	29.41096	27.76771	32.92003	8
1623.475	1624.116	956.1156	85.86	155.7	82.45	78.28	49.7569	0.906775	49.33632	21.56704	27.76928	32.94269	8
1623.48	1624.12	956.1203	89.27	92.44	88.76	91.27	39.45362	6.822172	53.72421	33.64062	20.08359	31.82588	8
1623.485	1624.125	956.1251	96.59	103.62	96.45	93.94	27.14616	13.46106	59.39278	25.65644	33.73635	32.26047	8
1623.49	1624.13	956.1298	106.03	111.84	105.76	105.09	17.47962	21.55719	60.96319	33.00813	27.95506	31.71717	8
1623.495	1624.134	956.1345	100.69	172.23	102.89	102.02	0	38.7657	61.2343	61.2343	0	-9999	8
1623.5	1624.139	956.1392	91.77	171.8	91.43	82.16	16.631	14.07298	69.29602	53.33605	15.95997	33.19955	8
1623.505	1624.144	956.1439	84.14	128.98	80.82	79.48	57.10804	0	42.89196	11.24448	31.64748	33.04061	8
1623.51	1624.149	956.1486	82.33	50.83	81.86	82.43	55.59804	1.607064	42.7949	12.99153	29.80337	34.36489	1
1623.515	1624.153	956.1533	81.01	52.04	80.28	77.21	58.53462	0.629206	40.83617	26.50087	14.33531	35.44486	1
1623.52	1624.158	956.1581	79.07	33.35	77.74	76.45	69.4924	0	30.5076	11.85902	18.64858	34.267	1
1623.525	1624.163	956.1628	78.13	23.39	77.71	76.35	65.71502	0	34.28498	24.32449	9.960489	35.1356	1
1623.53	1624.167	956.1675	76.08	32.33	75.27	73.55	68.46004	0	31.53996	12.08435	19.45561	34.58541	1
1623.535	1624.172	956.1722	76.44	71.71	74.45	71.21	67.74388	0	32.25612	5.578657	26.67746	34.47318	1
1623.54	1624.177	956.1769	79.26	63.9	77.78	75.02	63.087	0	36.913	13.63078	23.28222	34.93147	1
1623.545	1624.182	956.1816	80	62.54	78.21	74.33	65.13782	0	34.86218	6.033487	28.82869	34.69597	1
1623.55	1624.186	956.1864	81.03	43.76	79.98	77.28	62.99998	0	37.00002	24.95158	12.04844	35.38642	1
1623.555	1624.191	956.1911	85.27	58.55	84.08	84.78	56.605	0.85317	42.54183	17.91157	24.63026	34.57577	1
1623.56	1624.196	956.1958	82.86	62.29	82.1	82.63	54.58462	1.73337	43.68201	12.11786	31.56415	34.04613	1
1623.565	1624.201	956.2005	75.08	33.5	74.74	71.05	65.4544	0	34.5456	20.17316	14.37244	35.27222	1
1623.57	1624.205	956.2052	74.71	27.92	73.8	72.8	71.56266	0	28.43734	19.56867	8.868668	34.19385	1
1623.575	1624.21	956.2099	76.22	35.35	74.37	72.9	75.6604	0	24.3396	19.67581	4.663795	33.87999	1
1623.58	1624.215	956.2147	81.38	49.58	80.69	78.33	58.47954	0.66235	40.85811	10.23217	30.62594	35.37042	1
1623.585	1624.219	956.2194	78.91	44.33	78.31	78.12	61.32494	0	38.67506	25.97819	12.69687	35.30636	1
1623.59	1624.224	956.2241	76.92	51.07	76.14	74.9	62.91966	0	37.08034	21.2066	15.87374	35.02113	1
1623.595	1624.229	956.2288	74.34	49.45	73.13	71.39	69.0178	0	30.9822	18.81218	12.17002	34.39142	1
1623.6	1624.234	956.2335	72.93	40.99	71.49	69.45	74.14482	0	25.85518	4.263398	21.59178	34.24101	1
1623.605	1624.238	956.2382	72.02	19.57	71.21	69.72	75.28316	0	24.71684	17.82915	6.887693	34.11814	1
1623.61	1624.243	956.243	74.56	30.01	74.04	72.33	68.17238	0	31.82762	21.30688	10.52074	34.60076	1
1623.615	1624.248	956.2477	73.03	32.72	72.84	72.1	66.36666	0	33.63334	22.8144	10.81894	34.49152	1
1623.62	1624.252	956.2524	69.35	27.47	68.29	67.92	77.76526	0	22.23474	10.05685	12.17789	33.94325	1
1623.625	1624.257	956.2571	73.82	35.93	73.11	72.11	68.89304	0	31.10696	7.408718	23.69824	34.33761	1
1623.63	1624.262	956.2618	75.05	52.39	74.55	74.45	62.15062	0	37.84938	12.64936	25.20002	34.86618	1
1623.635	1624.267	956.2665	75.56	24.1	75.29	75.09	66.7451	0	33.2549	19.46973	13.78517	34.60399	1
1623.64	1624.271	956.2712	78.16	35.03	78.05	77.85	60.46804	0.189288	39.34267	20.61572	18.72695	35.42244	2
1623.645	1624.276	956.276	83.59	92.33	81.3	76.88	58.50084	0	41.49916	17.05679	24.44237	34.7792	2
1623.65	1624.281	956.2807	83	85.7	81.45	79.94	54.9131	1.181134	43.90577	25.41432	18.49145	34.08673	2
1623.655	1624.285	956.2854	79.53	68.3	77.39	75.89	66.8888	0	33.1112	12.79987	20.31133	33.88365	2
1623.66	1624.29	956.2901	77.49	34.01	76.24	75.96	70.16628	0	29.83372	5.684656	24.14906	34.06361	2
1623.665	1624.295	956.2948	78.64	39.98	77.63	76.65	65.80354	0	34.19646	23.73984	10.45662	34.6785	2
1623.67	1624.3	956.2995	76.16	69.05	74.63	72.06	65.0802	0	34.9198	7.009975	27.90983	34.72229	2
1623.675	1624.304	956.3043	72.32	42.25	71.04	69.55	73.1611	0	26.8389	4.762259	22.07664	34.18246	2
1623.68	1624.309	956.309	76.45	68.99	74.92	72.02	64.82792	0	35.17208	13.7936	21.37848	34.79769	2
1623.685	1624.314	956.3137	73.42	80.13	72.95	72.52	56.70464	1.364552	41.93081	15.56256	26.36825	33.60216	2
1623.69	1624.318	956.3184	70.66	35.82	69.65	68.85	74.15186	0	25.84814	18.67292	7.175219	34.02925	2
1623.695	1624.323	956.3231	73.84	29.55	73.32	72.28	68.9461	0	31.0539	7.763803	23.2901	34.37714	2
1623.7	1624.328	956.3278	72.83	66.92	71.74	69.45	65.24926	0	34.75074	10.49599	24.25475	34.7828	2
1623.705	1624.333	956.3326	71.45	40.63	71.31	72.04	65.51854	0	34.48146	24.54607	9.935388	34.15644	2
1623.71	1624.337	956.3373	73.02	23.04	72.24	71.14	73.29092	0	26.70908	7.392918	19.31616	34.11687	2
1623.715	1624.342	956.342	77.72	39.74	77.17	75	63.14302	0	36.85698	19.12884	17.72814	35.37762	2
1623.72	1624.347	956.3467	83.84	30.63	83.45	83.63	58.47724	0.965663	40.5571	18.5502	22.0069	35.35972	2
1623.725	1624.351	956.3514	82.7	40.03	82.16	80.75	58.41374	0.797611	40.78865	16.48535	24.3033	35.42549	2
1623.73	1624.356	956.3561	81.04	37.88	80.61	79.11	59.60874	0.450403	39.94086	25.11492	14.82594	35.60749	2
1623.735	1624.361	956.3609	83.97	41.71	83.84	82.34	53.66128	2.542931	43.79579	28.49143	15.30436	34.66501	2
1623.74	1624.366	956.3656	80.18	54.46	81.02	78.02	46.54508	4.566599	48.88832	35.04858	13.83974	33.65831	2
1623.745	1624.37	956.3703	77.8	75.81	76.97	74.98	56.51048	1.25908	42.23044	12.58303	29.64741	34.23785	2
1623.75	1624.375	956.375	82.44	86.41	81.97	81.12	46.88648	4.042775	49.07074	22.67285	26.3979	32.8493	2
1623.755	1624.38	956.3797	79.81	177.8	76.14	73.18	51.9897	2.276234	45.73407	20.51636	25.21771	31.88319	2
1623.76	1624.384	956.3844	76.68	134.76	73.56	71.84	61.02248	0.606234	38.37129	10.17169	28.1996	33.62372	2
1623.765	1624.389	956.3891	74.59	70.6	72.94	70.67	67.0795	0	32.9205	9.760313	23.16019	34.53761	2
1623.77	1624.394	956.3939	83.14	132.2	80.98	74.47	48.2588	2.713543	49.02766	19.55739	29.47027	33.30816	2
1623.775	1624.399	956.3986	77.72	45.75	77.09	76.66	62.3086	0	37.6914	9.438994	28.25241	35.08939	2
1623.78	1624.403	956.4033	82.26	46.09	82.23	81.74	53.39952	2.484802	44.11568	27.91776	16.19792	34.28613	2
1623.785	1624.408	956.408	80.03	34.11	79.84	78.43	59.59028	0.498791	39.91093	15.42676	24.48417	35.5989	2
1623.79	1624.413	956.4127	83.88	42.57	83.24	82.89	57.48846	1.044107	41.46743	12.14233	29.3251	35.0864	2
1623.795	1624.417	956.4174	89.57	30.56	89.88	89.49	47.79758	6.07467	46.12775	31.4628	14.66495	33.93047	2
1623.8	1624.422	956.4222	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1624.01	1624.62	956.6202	108.75	40.6	108.43	109.33	32.6048	19.43483	47.96037	25.78628	22.17408	31.61293	2
1624.015	1624.625	956.6249	110.42	35.31	110.46	110.63	29.55858	25.32862	45.1128	23.24475	21.86805	31.01922	2
1624.02	1624.63	956.6297	107.18	38.78	106.86	104.26	34.48964	17.44761	48.06275	17.23092	30.83183	32.55936	2
1624.025	1624.634	956.6344	101.04	34.73	100.28	98.98	44.52854	8.065857	47.4056	33.48157	13.92404	33.90139	2
1624.03	1624.639	956.6391	102.49	48.24	101.67	100.11	40.39012	9.564555	50.04532	27.4791	22.56622	33.38311	2
1624.035	1624.644	956.6438	98.7	28.96	98.54	97.72	43.42768	9.904445	46.66788	33.81983	12.84804	33.54152	2

1624.04	1624.649	956.6485	99.42	22.27	99.39	98.49	43.37676	10.89371	45.72953	33.02652	12.70301	33.53751	2
1624.045	1624.653	956.6532	97.3	25.45	97.3	96.61	44.3251	9.53773	46.13717	34.15031	11.98686	33.63685	2
1624.05	1624.658	956.658	94.31	46.69	94.81	94.98	38.06082	11.36967	50.56951	23.09641	27.47311	32.61047	2
1624.055	1624.663	956.6627	94.67	48.37	94.24	93.1	44.53056	6.915492	48.55395	29.48385	19.0701	33.63174	2
1624.06	1624.667	956.6674	100.72	39.36	99.83	97.54	44.70998	7.279638	48.01038	31.13289	16.87749	34.12442	2
1624.065	1624.672	956.6721	97.59	31.07	97.16	97.02	46.03076	7.579158	46.39008	23.6759	22.71418	33.8199	2
1624.07	1624.677	956.6768	99.11	111.46	95.96	91.77	46.25798	0	53.74202	17.63959	36.10243	31.67338	2
1624.075	1624.682	956.6815	97.93	61.32	97.5	91.54	38.39746	9.852185	51.75035	19.44605	32.3043	33.80978	2
1624.08	1624.686	956.6863	90.36	25.8	89.37	87.9	58.2977	0.859692	40.84261	16.80143	24.04117	36.06154	2
1624.085	1624.691	956.691	89.73	33.23	88.89	86.06	55.91674	1.724603	42.35866	24.41006	17.9486	35.71524	2
1624.09	1624.696	956.6957	96.39	129.39	94.85	90.95	31.94382	7.420491	60.63569	27.15831	33.47738	32.66158	2
1624.095	1624.7	956.7004	90.91	74.66	89.28	85.61	50.92758	1.764116	47.3083	14.72448	32.58382	34.63286	2
1624.1	1624.705	956.7051	88.48	16.76	88.22	87.96	56.55748	2.320477	41.12204	14.70921	26.41283	35.4846	2
1624.105	1624.71	956.7098	91.94	13.87	91.71	91.56	53.84116	3.995843	42.163	29.57209	12.59091	35.10562	2
1624.11	1624.715	956.7146	93.05	19.55	92.52	91.89	53.7704	3.593823	42.63578	29.91403	12.72175	35.18406	2
1624.115	1624.719	956.7193	89.3	43.55	88.51	87.49	53.4274	2.453584	44.11902	15.31111	28.80791	34.78579	2
1624.12	1624.724	956.724	90.82	70.37	91.22	89.94	36.31606	9.930907	53.75303	21.07752	32.67551	32.55255	2
1624.125	1624.729	956.7287	87.77	70.3	86.29	81.53	53.709	1.296264	44.99474	30.71875	14.27598	35.09333	2
1624.13	1624.733	956.7334	83.64	31.53	82.8	82.45	61.93094	0	38.06906	8.772919	29.29614	35.63072	2
1624.135	1624.738	956.7381	82.41	22.45	81.97	81.78	62.1599	0	37.8401	20.22816	17.61194	35.93868	2
1624.14	1624.743	956.7428	81.3	12.66	81.22	81.69	62.76028	0	37.23972	21.88157	15.35815	35.98346	2
1624.145	1624.748	956.7476	85.49	31.15	84.51	84.33	61.4059	0	38.5941	11.54734	27.04676	35.70672	2
1624.15	1624.752	956.7523	86.8	39.01	86.3	85.37	54.57858	2.25288	43.16854	21.97846	21.19008	34.8878	2
1624.155	1624.757	956.757	82.3	19.61	82.02	82.16	61.70838	0.014717	38.2769	14.27066	24.00624	36.10364	2
1624.16	1624.762	956.7617	84.41	23.32	84.88	85.79	53.05686	3.364146	43.57899	32.41113	11.16786	34.41414	2
1624.165	1624.766	956.7664	85.31	45.33	85.22	85.56	51.24244	3.452769	45.30479	15.70242	29.60237	33.96094	2
1624.17	1624.771	956.7711	83.98	46.99	82.31	81.22	64.30932	0	35.69068	6.273536	29.41714	34.33103	1
1624.175	1624.776	956.7759	81.26	27.41	81.21	81.14	58.99508	0.811007	40.19391	23.94031	16.2536	35.42049	1
1624.18	1624.781	956.7806	86.93	56.17	86.07	83.61	53.09626	2.227719	44.67602	30.15871	14.51731	34.69872	1
1624.185	1624.785	956.7853	85.89	35.03	85.53	84.09	55.29394	2.106282	42.59978	22.07455	20.52523	35.11417	1
1624.19	1624.79	956.79	83.52	59.3	82.11	80.62	59.7385	0	40.2615	23.42881	16.83269	35.2503	1
1624.195	1624.795	956.7947	78.8	14.53	79.15	79.66	61.27524	0.087154	38.63761	24.9973	13.64031	35.86611	1
1624.2	1624.799	956.7994	83.31	24.22	82.27	80.8	65.55356	0	34.44644	7.95221	26.49423	35.15166	1
1624.205	1624.804	956.8042	80.05	20.77	79.47	78.06	65.82266	0	34.17734	21.88276	12.29458	35.25598	1
1624.21	1624.809	956.8089	83.73	24.19	83.06	82.89	62.30692	0	37.69308	24.88421	12.80887	35.83392	1
1624.215	1624.814	956.8136	89.6	23.96	89.53	89.55	52.31218	4.098928	43.58889	21.87598	21.71291	34.62305	1
1624.22	1624.818	956.8183	91.68	32.88	92	92.02	45.21744	7.613436	47.16912	29.12689	18.04223	33.52087	1
1624.225	1624.823	956.823	82.47	17.51	82	81.65	63.53268	0	36.46732	13.50111	22.96621	35.79804	1
1624.23	1624.828	956.8277	83.45	30.45	83	82.36	59.3446	0.645343	40.01006	17.07651	22.93355	35.6555	1
1624.235	1624.832	956.8325	88.94	34.68	89.22	90.02	47.61264	5.860992	46.52637	23.53747	22.98889	33.62383	1
1624.24	1624.837	956.8372	95.83	63.82	96.21	93.69	33.44696	13.12819	53.42485	26.73355	26.69131	32.65631	1
1624.245	1624.842	956.8419	89.63	60.79	89.32	89.14	45.23172	5.636433	49.13185	18.30037	30.83148	33.24938	1
1624.25	1624.847	956.8466	85.53	23.91	85.22	86.47	57.92868	1.380046	40.69127	16.3816	24.30967	35.24056	1
1624.255	1624.851	956.8513	84.46	24.17	84.28	85.54	57.84266	1.395246	40.76209	11.73914	29.02296	35.1666	1
1624.26	1624.856	956.856	85.45	35.9	84.92	86.08	56.8057	1.449378	41.74492	13.81361	27.93131	34.86941	1
1624.265	1624.861	956.8607	86.56	68.27	86.3	86.94	45.85846	4.956262	49.18528	30.48174	18.70354	32.94559	1
1624.27	1624.865	956.8655	80.36	19.1	80.06	78.76	63.7716	0	36.2284	18.20727	18.02113	35.75434	1
1624.275	1624.87	956.8702	78.8	13.41	78.53	79	66.35128	0	33.64872	13.42103	20.22769	34.95866	1
1624.28	1624.875	956.8749	78.92	20.55	78.65	78.53	64.513	0	35.487	9.369817	26.11718	35.24223	1
1624.285	1624.88	956.8796	79.22	27.98	78.33	77.04	67.24394	0	32.75606	16.3786	16.37746	34.75385	1
1624.29	1624.884	956.8843	79.25	20.95	79.1	78.06	63.1826	0	36.8174	9.358954	27.45845	35.70457	1
1624.295	1624.889	956.889	78.65	17.71	78.2	77.21	66.84368	0	33.15632	16.43953	16.71679	35.02002	1
1624.3	1624.894	956.8938	79.74	19.02	79.95	81.43	60.40886	0.381003	39.21014	17.63534	21.57479	35.47785	1
1624.305	1624.898	956.8985	77.07	13.56	77	75.53	66.35658	0	33.64342	7.390468	26.25295	35.17921	1
1624.31	1624.903	956.9032	75.69	9.7	75.62	75.21	68.5603	0	31.4397	18.93486	12.50484	34.61706	1
1624.315	1624.908	956.9079	78.23	10.54	77.94	77.55	67.72522	0	32.27478	16.2555	16.01928	34.90996	1
1624.32	1624.913	956.9126	76.69	8.22	76.64	76.45	67.84346	0	32.15654	24.57386	7.582677	34.78512	1
1624.325	1624.917	956.9173	78.95	13.56	78.8	78.51	65.24698	0	34.75302	11.84624	22.90678	35.31864	1
1624.33	1624.922	956.9221	78.07	17.15	77.83	76.5	65.8853	0	34.1147	7.605956	26.50874	35.23392	1
1624.335	1624.927	956.9268	76.26	24.11	75.45	73.21	70.28368	0	29.71632	9.359541	20.35678	34.58118	1
1624.34	1624.931	956.9315	75.5	20.78	74.72	73.51	71.55624	0	28.44376	5.274184	23.16958	34.3	1
1624.345	1624.936	956.9362	75.68	25.22	74.55	73.05	73.02866	0	26.97134	13.27187	13.69947	34.18514	1
1624.35	1624.941	956.9409	80.19	21.68	79.92	77.74	63.07114	0	36.92886	6.822742	30.10612	35.98477	1
1624.355	1624.946	956.9456	79.99	19.61	79.74	79.45	63.60108	0	36.39892	13.95282	22.4461	35.56667	1
1624.36	1624.95	956.9504	78.19	22.93	77.61	77.11	67.01114	0	32.98886	10.7723	22.21656	34.76072	1
1624.365	1624.955	956.9551	77.87	25.5	77.27	76.39	66.8386	0	33.1614	19.40005	13.76135	34.79475	1
1624.37	1624.96	956.9598	81.58	50.21	80.59	77.21	60.46808	0	39.53192	9.97544	29.55648	35.89836	1
1624.375	1624.965	956.9645	74.54	21.69	73.5	72.11	74.23422	0	25.76578	18.77236	6.993423	34.13707	1
1624.38	1624.969	956.9692	71.97	16.38	71.45	71.33	73.85364	0	26.14636	17.60832	8.538038	33.88449	1
1624.385	1624.974	956.9739	76.69	15.98	76.08	75.51	70.30554	0	29.69446	13.90767	15.78679	34.39909	1
1624.39	1624.979	956.9786	82.84	11.76	82.41	82.28	64.27378	0	35.72622	16.8527	18.87352	35.81757	1
1624.395	1624.983	956.9834	90.52	22.2	90.2	89.94	53.8292	3.423668	42.74713	14.62889	28.11825	34.99536	1
1624.4	1624.988	956.9881	90.66	22.59	89.92	88.94	56.86102	1.773014	41.36597	15.13196	26.234	35.71977	1

1624.405	1624.993	956.9928	88.85	14.66	88.85	87.7	54.71028	3.357982	41.93174	30.7283	11.20344	35.33444	1
1624.41	1624.998	956.9975	93.96	32.28	93.28	92.67	51.01504	4.198408	44.78655	16.95962	27.82693	34.62378	1
1624.415	1625.002	957.0022	98.14	33.12	98.08	98.49	42.16116	10.36217	47.47667	29.6926	17.78407	33.11493	1
1624.42	1625.007	957.0069	98.25	25.8	98.56	99	40.9639	12.28085	46.75525	19.03976	27.71549	32.92269	1
1624.425	1625.012	957.0117	91.54	37	91.45	89.1	47.5267	5.957896	46.5154	30.34886	16.16654	34.24615	1
1624.43	1625.016	957.0164	87.02	15.71	86.86	87.12	57.37978	1.954956	40.66526	20.56556	20.09971	35.49554	1
1624.435	1625.021	957.0211	86.4	24.56	86.07	85.41	57.12598	1.701275	41.17275	29.14149	12.03125	35.47179	1
1624.44	1625.026	957.0258	83.25	34.08	83.2	78.33	55.55014	1.989464	42.4604	23.99724	18.46316	35.67642	1
1624.445	1625.031	957.0305	79.4	12.83	79.21	78.15	65.31964	0	34.68036	22.52313	12.15723	35.50053	1
1624.45	1625.035	957.0352	81.46	10.63	81.28	81.13	63.87934	0	36.12066	20.68937	15.43129	35.8963	1
1624.455	1625.04	957.04	84.42	35.54	83.69	82.2	59.39042	0.466603	40.14298	12.32189	27.82109	35.79517	1
1624.46	1625.045	957.0447	82.7	33.05	81.57	81.08	64.6754	0	35.3246	20.53107	14.79353	34.85984	1
1624.465	1625.049	957.0494	81.05	14.61	80.72	79.16	64.45588	0	35.54412	9.791446	25.75267	35.83446	1
1624.47	1625.054	957.0541	82.09	16.51	81.57	81.06	64.51178	0	35.48822	15.63996	19.84826	35.59476	1
1624.475	1625.059	957.0588	84.84	23.36	84.2	84.08	61.25408	0.050846	38.69507	21.75985	16.93523	36.13436	1
1624.48	1625.064	957.0635	81.06	26.63	80.76	78.24	61.30534	0.034232	38.66043	15.28242	23.37801	36.32179	1
1624.485	1625.068	957.0683	79.12	20.66	78.84	77.68	64.37988	0	35.62012	17.29529	18.32483	35.46947	1
1624.49	1625.073	957.073	81.36	48.72	81.27	79.68	54.05606	2.177403	43.76654	22.68628	21.08026	34.49456	1
1624.495	1625.078	957.0777	79.24	17.44	78.91	77.94	65.43622	0	34.56378	19.51018	15.0536	35.31676	1
1624.5	1625.082	957.0824	79.86	15.37	79.43	77.94	66.14176	0	33.85824	7.938334	25.91991	35.36113	1
1624.505	1625.087	957.0871	78.09	11.63	77.78	77	67.74524	0	32.25476	24.60852	7.646237	34.94297	1
1624.51	1625.092	957.0918	79.13	16.74	79.1	79.39	63.38182	0	36.61818	20.83949	15.77869	35.52504	1
1624.515	1625.097	957.0965	80.15	21.4	80.61	81.94	57.5182	1.330543	41.15126	15.53198	25.61928	34.94752	1
1624.52	1625.101	957.1013	87.57	148.75	83.61	78.73	54.1281	0	45.8719	24.21929	21.65261	32.11078	1
1624.525	1625.106	957.106	83.92	79.44	82.76	79.85	52.55912	2.029585	45.41129	26.95186	18.45943	34.15037	1
1624.53	1625.111	957.1107	80.84	14.91	80.55	80.82	64.26648	0	35.73352	10.14355	25.58997	35.51881	1
1624.535	1625.115	957.1154	83.3	14.73	83.14	83.36	61.03934	0.379169	38.58149	19.4914	19.09009	36.0781	1
1624.54	1625.12	957.1201	84.61	12.35	84.67	86.5	58.7051	1.410946	39.88395	25.84117	14.04279	35.40738	1
1624.545	1625.125	957.1248	80.89	14.33	80.82	79.61	62.65584	0	37.34416	15.34475	21.99941	36.21687	1
1624.55	1625.13	957.1296	84.07	4.57	84.13	83.78	61.08466	0.657307	38.25803	22.11935	16.13869	36.38619	1
1624.555	1625.134	957.1343	85.65	7.69	85.55	85.67	60.11602	1.022886	38.86109	17.54967	21.31142	36.11962	1
1624.56	1625.139	957.139	82.09	4.09	82.04	82.14	63.87492	0	36.12508	20.4749	15.65018	36.17459	1
1624.565	1625.144	957.1437	80.08	7.93	80.13	80.35	64.01984	0	35.98016	13.25265	22.72751	35.76522	1
1624.57	1625.148	957.1484	82.33	16.48	82.45	82.86	59.33824	0.935287	39.72647	17.15779	22.56868	35.62929	1
1624.575	1625.153	957.1531	83.02	13.12	82.84	82.27	61.84156	0.110028	38.04841	12.45018	25.59824	36.40327	1
1624.58	1625.158	957.1579	82.15	18.3	82.09	81.76	60.4584	0.485007	39.05659	9.676137	29.38046	35.94688	1
1624.585	1625.163	957.1626	80.66	13.25	80.41	79.8	64.5238	0	35.4762	18.48857	16.98763	35.66713	1
1624.59	1625.167	957.1673	83.33	12.08	83.59	84.37	58.39804	1.45774	40.14422	23.50971	16.63451	35.49358	1
1624.595	1625.172	957.172	83.44	19.01	82.94	81.95	62.50978	0	37.49022	18.63327	18.85695	36.16843	1
1624.6	1625.177	957.1767	78.89	13.91	79.1	78.76	62.42748	0	37.57252	25.43877	12.13375	35.9071	2
1624.605	1625.181	957.1814	83.64	18.88	83.21	82.63	61.81474	0	38.18526	21.04814	17.13712	36.31981	2
1624.61	1625.186	957.1862	91.2	38.46	91.1	87.93	47.56368	5.819601	46.61672	18.39179	28.22493	34.37847	2
1624.615	1625.191	957.1909	80.59	41.6	80.1	77.9	59.5875	0.419036	39.99346	10.9022	29.09126	35.63253	2
1624.62	1625.196	957.1956	75.41	11.86	75.23	75.09	69.14768	0	30.85232	13.35026	17.50206	34.44346	2
1624.625	1625.2	957.2003	77.4	10.57	77.15	76.44	68.17156	0	31.82844	8.306955	23.52149	34.84113	2
1624.63	1625.205	957.205	77.25	15.55	76.82	75.8	68.4994	0	31.5006	11.05062	20.44998	34.74324	2
1624.635	1625.21	957.2097	84.47	114.1	82.11	76.82	52.9654	1.055105	45.9795	24.86336	21.11614	34.12285	2
1624.64	1625.214	957.2144	90.13	175.5	89.04	84.43	23.0569	10.48825	66.45485	34.09823	32.35661	31.89629	2
1624.645	1625.219	957.2192	88.41	99.24	87.44	86.71	42.16422	5.228299	52.60748	23.50454	29.10294	32.52043	2
1624.65	1625.224	957.2239	79.35	28.47	79.21	79.04	61.19326	0.031255	38.77548	12.44691	26.32858	35.73792	2
1624.655	1625.229	957.2286	75.58	23.15	75.55	74.83	65.0966	0	34.9034	18.98313	15.92027	34.93238	2
1624.66	1625.233	957.2333	74.47	12.66	74.35	74.45	69.35388	0	30.64612	24.3365	6.309615	34.29377	2
1624.665	1625.238	957.238	73.7	21.61	73.16	71.25	71.15138	0	28.84862	11.47186	17.37676	34.40131	2
1624.67	1625.243	957.2427	78.27	22.14	77.85	77.96	65.88872	0	34.11128	15.43558	18.6757	34.85957	2
1624.675	1625.247	957.2475	78.83	16.4	78.74	77.86	64.2051	0	35.7949	19.99076	15.80414	35.54773	2
1624.68	1625.252	957.2522	74.6	9.42	74.37	73.51	70.87086	0	29.12914	9.574959	19.55418	34.37236	2
1624.685	1625.257	957.2569	76.85	24.71	76.11	74.66	69.05318	0	30.94682	23.17893	7.767892	34.57369	2
1624.69	1625.262	957.2616	83.11	37.1	82.7	81.21	57.7381	1.097751	41.16415	21.09429	20.06986	35.37947	2
1624.695	1625.266	957.2663	81.29	16.67	81.02	80.41	63.27156	0	36.72844	19.323	17.40544	35.88962	2
1624.7	1625.271	957.271	79.2	46.67	78.67	71.67	59.94936	0.29065	39.75999	16.14112	23.61887	36.40807	2
1624.705	1625.276	957.2758	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1625.005	1625.559	957.5587	124.46	50.44	124.74	124.03	11.12032	63.44449	25.43519	22.04401	3.391183	26.02783	2
1625.01	1625.563	957.5634	123.83	37.32	124.16	125.51	14.48746	61.58756	23.92498	10.40708	13.5179	25.66418	2
1625.015	1625.568	957.5681	117.15	72.26	116.97	116.31	16.13008	36.68158	47.18834	39.03717	8.151169	29.84482	2
1625.02	1625.573	957.5729	103.53	24.89	103.29	103.41	40.58902	13.34278	46.0682	33.30367	12.76453	32.90286	2
1625.025	1625.578	957.5776	102.34	20.09	102.18	101.53	42.22542	12.4895	45.28508	18.32347	26.96162	33.28613	2
1625.03	1625.582	957.5823	97.73	30.46	97.33	96.56	45.81708	7.811379	46.37154	14.37665	31.99489	33.89659	2
1625.035	1625.587	957.587	104.83	40.98	103.83	101.45	41.38924	9.358753	49.25201	29.10371	20.1483	33.72968	2
1625.04	1625.592	957.5917	115.56	66.57	114.43	112.47	26.33236	19.61896	54.04868	22.07447	31.97421	31.84569	2
1625.045	1625.596	957.5964	120.46	64.51	121.18	121.72	7.98538	60.60914	31.40548	31.40548	0	-9999	2
1625.05	1625.601	957.6012	119.48	80.58	119.86	119.8	7.63304	52.31584	40.05112	40.05112	0	-9999	2
1625.055	1625.606	957.6059	114.92	72.5	116.41	117.68	5.1811	57.29142	37.52748	37.52748	0	-9999	2
1625.06	1625.611	957.6106	107.56	28.06	107.52	107.27	34.56428	19.92061	45.51511	18.80789	26.70722	31.90707	2

1625.065	1625.615	957.6153	108.25	38.76	107.86	107.09	34.05258	17.99327	47.95415	16.95694	30.99721	32.13066	2
1625.07	1625.62	957.62	108.39	26.36	108.7	110.07	31.49958	24.56023	43.94019	27.65978	16.28041	30.99993	2
1625.075	1625.625	957.6247	106.61	46.68	106.1	107.16	34.57474	15.57513	49.85013	32.31356	17.53657	32.03343	2
1625.08	1625.629	957.6295	105.76	75.03	104.27	104.1	36.09104	8.168263	55.7407	22.45471	33.28598	32.89857	2
1625.085	1625.634	957.6342	100.01	87.66	100.95	98.63	19.49208	22.59209	57.91583	33.33529	24.58054	31.95695	2
1625.09	1625.639	957.6389	100.12	45.46	99.9	97.5	38.59328	11.78449	49.62223	22.17454	27.44769	33.18104	2
1625.095	1625.644	957.6436	97.15	57.1	98.2	98.32	28.6663	17.92441	53.40929	36.25701	17.15229	31.82364	2
1625.1	1625.648	957.6483	100.48	46.53	101.53	102.91	28.16064	21.20924	50.63012	23.92434	26.70578	31.36325	2
1625.105	1625.653	957.653	100.72	33.04	100.49	100.78	41.12442	11.38538	47.4902	22.13951	25.35068	33.00473	2
1625.11	1625.658	957.6578	99.48	23.16	99.53	99.63	42.48618	11.53729	45.97653	25.89248	20.08405	33.20223	2
1625.115	1625.662	957.6625	99.75	33.26	99.37	98.38	43.12608	9.594201	47.27972	32.83237	14.44735	33.5474	2
1625.12	1625.667	957.6672	99.76	61.55	99.12	97.73	38.2857	9.805467	51.90883	36.28138	15.62746	33.00433	2
1625.125	1625.672	957.6719	99.97	65.13	101.87	100.45	17.54114	28.03304	54.42582	39.49048	14.93534	31.60938	2
1625.13	1625.677	957.6766	101.66	60.07	103.3	103.75	19.22586	28.37846	52.39568	29.92787	22.46781	31.08307	2
1625.135	1625.681	957.6813	97.76	85.29	97.97	89.5	27.79312	15.23072	56.97616	25.4466	31.52956	33.38976	2
1625.14	1625.686	957.686	93.65	122.92	90.82	84.96	46.02786	0.391597	53.58054	18.75938	34.82117	34.12361	2
1625.145	1625.691	957.6908	89.19	68.95	86.87	84.85	59.2393	0	40.7607	14.89145	25.86925	33.68936	2
1625.15	1625.695	957.6955	85.38	21.71	84.98	84.39	59.29658	0.88355	39.81987	11.80384	28.01603	35.86594	2
1625.155	1625.7	957.7002	83.77	29.3	84.05	86.43	53.671	2.873669	43.45533	24.7699	18.68543	34.12019	2
1625.16	1625.705	957.7049	86.76	30.74	86.18	85.43	57.23672	1.405812	41.35747	27.33772	14.01975	35.43899	2
1625.165	1625.71	957.7096	82.72	24.99	82.19	81.26	61.95752	0	38.04248	14.20945	23.83303	36.02358	2
1625.17	1625.714	957.7143	76.57	52.01	74.47	72.15	73.24418	0	26.75582	14.76627	11.98955	33.97135	2
1625.175	1625.719	957.7191	81.82	105.57	80.93	76.51	46.07516	4.032214	49.89263	33.39139	16.50123	33.04671	2
1625.18	1625.724	957.7238	76.59	55.49	75.75	73.98	62.61862	0	37.38138	12.38446	24.99692	35.08537	2
1625.185	1625.728	957.7285	78.19	33.51	77.45	76.31	65.69078	0	34.30922	16.95714	17.35208	34.86202	2
1625.19	1625.733	957.7332	86.2	55.07	85.17	82.53	55.35156	1.368728	43.27971	18.29131	24.9884	35.07226	2
1625.195	1625.738	957.7379	84.25	42.6	82.93	81.67	62.4108	0	37.5892	10.4259	27.1633	35.0736	2
1625.2	1625.743	957.7426	86.14	67.73	85.09	84.02	52.49804	2.14167	45.36029	17.98053	27.37976	34.12733	2
1625.205	1625.747	957.7474	83.99	35.78	83.15	82.57	60.58044	0.030162	39.3894	25.31986	14.06953	35.82913	2
1625.21	1625.752	957.7521	81.82	28.24	81.23	80.94	62.46402	0	37.53598	20.3991	17.13688	35.61141	2
1625.215	1625.757	957.7568	85.95	31.06	86.04	85.12	52.71198	3.369852	43.91817	20.99661	22.92156	34.63473	2
1625.22	1625.762	957.7615	87.05	29.51	86.34	86.06	58.27508	0.981095	40.74382	19.30794	21.43588	35.58677	2
1625.225	1625.766	957.7662	88.72	37.57	88.57	88.58	50.44816	4.25806	45.29378	33.25037	12.04341	34.13623	2
1625.23	1625.771	957.7709	89.4	40.77	89.21	89.49	49.35816	4.651265	45.99058	32.99388	12.9967	33.91354	2
1625.235	1625.776	957.7757	87.76	28.63	87.98	88.43	50.62734	4.568166	44.80449	16.21945	28.58504	34.15034	2
1625.24	1625.78	957.7804	88.18	35.3	87.72	87.06	53.8968	2.694095	43.4091	29.03711	14.372	34.82774	2
1625.245	1625.785	957.7851	91.22	33.13	90.52	89.84	53.48514	2.888132	43.62673	27.80933	15.8174	34.93495	2
1625.25	1625.79	957.7898	88.46	24.41	87.78	87.51	57.97958	1.258214	40.76221	29.87772	10.88449	35.66895	2
1625.255	1625.795	957.7945	85.25	20.33	84.78	84.34	60.29264	0.519163	39.1882	17.77405	21.41415	36.05377	2
1625.26	1625.799	957.7992	85.38	59.08	83.71	80.69	60.09554	0	39.90446	14.74281	25.16165	35.15206	10
1625.265	1625.804	957.8039	92.34	94.46	90.61	87.15	45.59538	3.023751	51.38087	34.22941	17.15146	33.73852	10
1625.27	1625.809	957.8087	99.23	112.02	98.02	94.5	30.97706	9.287661	59.73528	32.91549	26.81979	32.74456	10
1625.275	1625.813	957.8134	108.82	107.64	107.94	108.1	20.65672	18.29245	61.05083	46.77123	14.2796	31.7071	10
1625.28	1625.818	957.8181	116.29	106.05	116.06	116.33	9.1316	36.52584	54.34256	52.58414	1.758417	30.39586	10
1625.285	1625.823	957.8228	120.98	68.14	121.03	119.66	11.82102	49.26311	38.91587	31.21277	7.703103	28.41944	10
1625.29	1625.828	957.8275	119.77	64.26	119.9	118.8	13.25318	47.38058	39.36624	18.57362	20.79262	28.5947	10
1625.295	1625.832	957.8322	120.67	75.15	120.49	120.04	12.1923	44.53646	43.27124	35.40364	7.867599	28.86568	10
1625.3	1625.837	957.837	121.92	71.24	121.87	121.77	10.98102	49.96832	39.05066	21.07156	17.9791	28.08299	10
1625.305	1625.842	957.8417	119.19	109.5	119.52	119.57	1.2887	52.57292	46.13838	46.13838	0	-9999	10
1625.31	1625.846	957.8464	117.77	103.55	118.65	119.51	0	57.91641	42.08359	42.08359	0	-9999	10
1625.315	1625.851	957.8511	117.93	90.61	118.4	119.27	5.93428	50.43552	43.6302	43.20807	0.422125	-9999	10
1625.32	1625.856	957.8558	117.96	68.88	118.11	118.23	13.64534	43.61268	42.74198	20.69415	22.04782	28.97294	10
1625.325	1625.861	957.8605	115.76	75.53	116.12	115.49	12.43254	42.35575	45.21171	29.0464	16.16531	29.54387	10
1625.33	1625.865	957.8653	117.27	87.07	117.77	116.94	7.16566	48.99475	43.83959	39.52785	4.311749	-9999	10
1625.335	1625.87	957.87	117.82	106.12	118.33	119.72	1.97206	51.87616	46.15178	46.15178	0	-9999	10
1625.34	1625.875	957.8747	118.7	97.11	118.97	118.7	5.20288	49.39262	45.4045	45.4045	0	-9999	10
1625.345	1625.879	957.8794	118.7	94.24	118.95	118.52	6.05242	48.84731	45.10027	37.07753	8.022732	-9999	10
1625.35	1625.884	957.8841	117.68	78.75	117.82	118.98	11.5919	43.45991	44.94819	31.40036	13.54783	29.01627	10
1625.355	1625.889	957.8888	115.87	71.84	116.03	118.66	14.77432	39.30434	45.92134	31.47717	14.44417	29.09925	10
1625.36	1625.894	957.8936	115.23	59.18	115.22	113.89	19.74434	34.62342	45.63224	21.01291	24.61933	30.12445	10
1625.365	1625.898	957.8983	117.18	47.43	116.72	115.53	24.28134	30.63374	45.08492	32.40843	12.67649	30.33925	10
1625.37	1625.903	957.903	121.96	52.66	121.71	120.49	16.99058	44.7663	38.24312	14.16687	24.07625	28.45625	10
1625.375	1625.908	957.9077	126.48	74.48	126.43	124.45	6.00174	63.80042	30.19784	30.19784	0	-9999	10
1625.38	1625.912	957.9124	128.44	70.3	128.33	127.2	5.6751	68.70582	25.61908	14.57346	11.04562	-9999	10
1625.385	1625.917	957.9171	128.73	67.34	128.65	128.24	5.89212	70.41252	23.69536	21.45198	2.243383	-9999	10
1625.39	1625.922	957.9218	127.65	88.49	127.7	125.96	0.75992	71.48338	27.7567	27.7567	0	-9999	10
1625.395	1625.927	957.9266	128	106.45	128.33	127.33	0	81.80224	18.19776	18.19776	0	-9999	10
1625.4	1625.931	957.9313	129.1	92.39	129.79	129.83	0	96.3031	3.6969	3.6969	0	-9999	10
1625.405	1625.936	957.936	129.98	74.15	130.38	129.34	0	90.39391	9.606093	9.606093	0	-9999	10
1625.41	1625.941	957.9407	130.8	67.3	131.13	132.79	0.8199	91.57477	7.605335	7.605335	0	-9999	10
1625.415	1625.945	957.9454	129.33	58.96	129.41	128.94	6.12808	76.82034	17.05158	17.05158	0	-9999	10
1625.42	1625.95	957.9501	129.67	63.77	129.78	129.89	4.41876	79.43625	16.14499	7.831934	8.313053	-9999	10
1625.425	1625.955	957.9549	127.83	76.87	127.9	128.26	3.25136	71.91307	24.83557	24.83557	0	-9999	10

1625.43	1625.96	957.9596	127.98	77.04	127.96	130.67	3.76972	70.00024	26.23004	26.23004	0	-9999	10
1625.435	1625.964	957.9643	128.48	81.35	128.3	125.17	3.5067	67.62936	28.86394	28.86394	0	-9999	10
1625.44	1625.969	957.969	129.49	80.06	129.63	126.57	0.40968	80.68944	18.90088	18.90088	0	-9999	10
1625.445	1625.974	957.9737	131.5	84.5	131.35	130.86	0	80.25341	19.74659	19.74659	0	-9999	10
1625.45	1625.978	957.9784	132.19	91.65	132.43	131.63	0	96.94837	3.051625	3.051625	0	-9999	10
1625.455	1625.983	957.9832	133.41	87.82	133.53	133.79	0	98.51793	1.482067	1.482067	0	-9999	10
1625.46	1625.988	957.9879	133.34	90	133.55	132.75	0	100	0	0	0	-9999	10
1625.465	1625.993	957.9926	133.41	81.24	133.28	131.85	0	89.02462	10.97538	10.97538	0	-9999	10
1625.47	1625.997	957.9973	132.03	87.5	132.45	134.25	0	100	0	0	0	-9999	10
1625.475	1626.002	958.002	132.6	89.78	132.53	132.45	0	88.04344	11.95656	11.95656	0	-9999	10
1625.48	1626.007	958.0067	133.54	96.01	133.87	133.61	0	100	0	0	0	-9999	10
1625.485	1626.011	958.0115	134.63	93.98	134.53	130.2	0	96.79026	3.20974	3.20974	0	-9999	10
1625.49	1626.016	958.0162	134.47	86.06	134.72	132.72	0	100	0	0	0	-9999	10
1625.495	1626.021	958.0209	134.06	103.53	134.31	134.63	0	100	0	0	0	-9999	10
1625.5	1626.026	958.0256	133.94	99.34	133.63	130.21	0	86.08583	13.91417	13.91417	0	-9999	10
1625.505	1626.03	958.0303	133.02	72.26	132.72	131.59	2.45968	80.67917	16.86115	16.86115	0	-9999	10
1625.51	1626.035	958.035	132.48	72.98	132.55	131.96	0	91.20963	8.790372	8.790372	0	-9999	10
1625.515	1626.04	958.0397	131.21	82.82	131.32	131.22	0	87.37617	12.62383	12.62383	0	-9999	10
1625.52	1626.044	958.0445	131.14	98.17	131.49	133.53	0	95.94534	4.054657	4.054657	0	-9999	10
1625.525	1626.049	958.0492	132.34	98.66	132.72	132.26	0	100	0	0	0	-9999	10
1625.53	1626.054	958.0539	131.43	90.74	132.02	133.85	0	100	0	0	0	-9999	10
1625.535	1626.059	958.0586	130.74	87.18	131.28	134.1	0	99.43128	0.568724	0.568724	0	-9999	10
1625.54	1626.063	958.0633	129.57	107.67	130.65	133.15	0	100	0	0	0	-9999	10
1625.545	1626.068	958.068	128.48	82.63	129.3	129.04	0	96.47083	3.529169	3.529169	0	-9999	10
1625.55	1626.073	958.0728	127.08	85	127.72	126.69	0	85.01956	14.98044	14.98044	0	-9999	10
1625.555	1626.077	958.0775	125.71	82.23	125.9	126.31	2.97464	67.73505	29.29031	29.29031	0	-9999	10
1625.56	1626.082	958.0822	124.74	75.97	125.08	125	4.21946	67.5572	28.22334	28.22334	0	-9999	10
1625.565	1626.087	958.0869	126.91	83.82	127.54	129.09	0	83.93112	16.06888	16.06888	0	-9999	10
1625.57	1626.092	958.0916	128.67	91.82	129.57	128.86	0	100	0	0	0	-9999	10
1625.575	1626.096	958.0963	128.91	84.78	129.67	129.75	0	96.96065	3.039346	3.039346	0	-9999	10
1625.58	1626.101	958.1011	128.71	75.27	129.46	128.39	0	95.03405	4.965947	4.965947	0	-9999	10
1625.585	1626.106	958.1058	127.54	71.84	128.08	126.75	1.09292	83.38153	15.52555	15.52555	0	-9999	10
1625.59	1626.11	958.1105	127.03	77.73	127.41	127.59	1.37674	77.29175	21.33151	21.33151	0	-9999	10
1625.595	1626.115	958.1152	127.25	82.49	127.67	125.87	0	79.58422	20.41578	20.41578	0	-9999	10
1625.6	1626.12	958.1199	126.8	82.03	127.47	127.65	0	84.41211	15.58789	15.58789	0	-9999	10
1625.605	1626.125	958.1246	126.95	85.77	127.55	127.35	0	83.42456	16.57544	16.57544	0	-9999	10
1625.61	1626.129	958.1294	127.11	75.77	127.54	127.09	1.38996	78.82841	19.78163	19.78163	0	-9999	10
1625.615	1626.134	958.1341	127.57	90.95	127.86	128.9	0	77.90031	22.09969	22.09969	0	-9999	10
1625.62	1626.139	958.1388	127.13	79.16	127.65	127.51	0	81.57659	18.42341	18.42341	0	-9999	10
1625.625	1626.144	958.1435	126.03	77.54	126.63	126.93	0.63772	79.01905	20.34323	20.34323	0	-9999	10
1625.63	1626.148	958.1482	124.39	75.06	124.88	125.82	3.59918	69.8059	26.59492	26.59492	0	-9999	10
1625.635	1626.153	958.1529	123.43	69.63	123.98	125.12	5.33144	67.384	27.28456	23.66719	3.617363	-9999	10
1625.64	1626.158	958.1576	123.12	68.14	123.57	125.46	6.75222	63.97712	29.27066	29.27066	0	-9999	10
1625.645	1626.162	958.1624	121.59	80.96	122.06	122.31	4.90238	60.29062	34.807	34.807	0	-9999	10
1625.65	1626.167	958.1671	120.74	72.65	121.29	123.18	7.0754	58.69248	34.23212	34.23212	0	-9999	10
1625.655	1626.172	958.1718	120.14	71.74	120.22	118.92	11.49012	47.90128	40.6086	27.57691	13.03169	28.69843	10
1625.66	1626.177	958.1765	118.69	78.67	119.2	118.1	7.81456	52.3669	39.81854	35.39243	4.426106	-9999	10
1625.665	1626.181	958.1812	116.91	104.14	117.7	116.96	1.11842	53.98722	44.89436	44.89436	0	-9999	10
1625.67	1626.186	958.1859	116.15	99.85	116.68	113.27	4.8708	47.54369	47.58551	41.68687	5.898641	-9999	10
1625.675	1626.191	958.1907	115.15	105.16	115.76	114.27	3.88578	46.71793	49.39629	43.35942	6.036875	-9999	10
1625.68	1626.195	958.1954	114.74	95.49	115.54	115.86	5.13062	47.90065	46.96873	44.57965	2.389081	-9999	10
1625.685	1626.2	958.2001	113.84	123.83	114.46	113.5	0.49534	45.09936	54.4053	54.4053	0	-9999	10
1625.69	1626.205	958.2048	112.22	119.97	112.3	111.41	7.10486	34.46091	58.43423	49.05383	9.380395	-9999	10
1625.695	1626.21	958.2095	106.32	124.74	107.53	109.46	2.62102	36.91021	60.46877	60.37136	0.097411	-9999	10
1625.7	1626.214	958.2142	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1626.035	1626.53	958.5302	111.21	62.16	111	112.3	24.27158	25.41746	50.31096	26.52717	23.78379	30.70826	10
1626.04	1626.535	958.5349	115.62	77.68	115.16	114.39	18.39604	30.01694	51.58702	32.74015	18.84687	30.60366	10
1626.045	1626.54	958.5396	111.86	89.48	112.13	113.91	13.34214	34.15237	52.50549	38.59187	13.91362	30.18337	10
1626.05	1626.544	958.5444	110.88	69.89	111.16	112.94	18.90702	31.22217	49.87081	23.30853	26.56228	30.17526	10
1626.055	1626.549	958.5491	107.42	64.08	107.63	107.92	24.03874	24.64895	51.31231	34.46583	16.84648	31.06867	10
1626.06	1626.554	958.5538	104.12	79.06	104.46	106.24	22.44208	22.45514	55.10278	42.00418	13.0986	31.05144	10
1626.065	1626.559	958.5585	103.79	76.11	103.69	104.88	26.86958	18.20035	54.93007	41.08492	13.84515	31.46449	10
1626.07	1626.563	958.5632	102.54	78.38	102.33	102.76	28.32274	16.23319	55.44407	29.45147	25.9926	31.75442	10
1626.075	1626.568	958.5679	102.61	72.01	102.52	102.44	28.86988	16.79409	54.33603	38.90472	15.43131	31.83803	10
1626.08	1626.573	958.5727	101.79	69.95	101.74	102.12	29.8128	16.15125	54.03595	39.45621	14.57974	31.82205	10
1626.085	1626.577	958.5774	102.63	74.92	102.71	102.96	26.82976	18.33095	54.83929	26.5304	28.30889	31.63213	10
1626.09	1626.582	958.5821	104.38	88.22	104.83	106.5	19.13366	24.35352	56.51282	41.98586	14.52696	31.00976	10
1626.095	1626.587	958.5868	104.66	90.57	104.82	105.59	20.55486	22.35211	57.09303	29.52458	27.56845	31.27049	10
1626.1	1626.592	958.5915	105.87	115.1	105.86	104.74	14.8229	23.96065	61.21645	51.47473	9.741722	31.74579	10
1626.105	1626.596	958.5962	105.1	119.74	105.78	105.7	9.06092	29.52862	61.41046	52.93926	8.471201	31.63517	10
1626.11	1626.601	958.601	106.17	113.02	106.78	108.61	10.24526	30.02284	59.7319	47.39685	12.33505	31.08536	10
1626.115	1626.606	958.6057	107.25	99.85	107.51	106.71	15.1513	27.31891	57.52979	36.89834	20.63145	31.3616	10
1626.12	1626.61	958.6104	106.03	95.55	106.06	105.83	19.0968	23.20389	57.69931	30.96097	26.73834	31.41777	10

1626.125	1626.615	958.6151	103.14	77.53	103.29	105.53	25.18644	19.61771	55.19585	27.09072	28.10512	31.16009	10
1626.13	1626.62	958.6198	102.9	74.4	103.08	103.59	25.9322	19.37764	54.69016	34.08345	20.60671	31.50517	10
1626.135	1626.625	958.6245	102.65	90.25	102.96	103.83	21.319	21.19332	57.48768	31.70392	25.78375	31.33718	10
1626.14	1626.629	958.6292	100.3	101.54	100.61	101.06	20.74882	19.39438	59.8568	29.96563	29.89117	31.53309	10
1626.145	1626.634	958.634	101.85	75.55	101.86	102.33	27.9374	17.03552	55.02708	34.48159	20.54549	31.6902	10
1626.15	1626.639	958.6387	104.62	89.49	104.81	104.5	20.62052	22.49052	56.88896	27.58963	29.29934	31.45856	10
1626.155	1626.643	958.6434	106.2	110.22	106.78	105.98	11.12776	29.59242	59.27982	36.89116	22.38866	31.52052	10
1626.16	1626.648	958.6481	107.83	113.35	107.96	107.51	12.3582	27.7483	59.8935	48.02491	11.86859	31.45741	10
1626.165	1626.653	958.6528	108.65	142.14	108.92	108.72	3.55162	32.35208	64.0963	64.0963	0	-9999	10
1626.17	1626.658	958.6575	107.04	113.28	107.04	104.29	14.10944	25.39205	60.49851	48.25974	12.23876	31.9633	10
1626.175	1626.662	958.6623	103.08	54.28	102.92	103.9	33.27064	15.51852	51.21084	24.28403	26.92681	31.9404	10
1626.18	1626.667	958.667	98.35	58.56	97.76	96.94	39.91898	8.978537	51.10248	24.81361	26.28887	33.04601	1
1626.185	1626.672	958.6717	79.46	52.4	78.39	76.9	62.5085	0	37.4915	17.56844	19.92306	35.06174	1
1626.19	1626.676	958.6764	82.12	31.99	81.47	79.39	61.74552	0	38.25448	23.72225	14.53223	35.9832	1
1626.195	1626.681	958.6811	83.71	45.43	82.66	79.22	60.13024	0	39.86976	21.9629	17.90686	36.08334	1
1626.2	1626.686	958.6858	86.47	34.54	85	82.98	63.48142	0	36.51858	20.98734	15.53124	35.00374	1
1626.205	1626.691	958.6906	93.88	53.34	92.18	90.65	53.89712	0.758287	45.34459	24.14414	21.20045	35.17876	1
1626.21	1626.695	958.6953	105.18	136.49	101.54	102.5	38.41382	0	61.58618	20.64258	40.9436	27.06243	1
1626.215	1626.7	958.7	101.85	51.34	101.75	101.88	34.64872	14.58123	50.77005	35.50981	15.26024	32.24038	1
1626.22	1626.705	958.7047	92.14	49.63	91.63	91.06	47.17324	5.25683	47.56993	20.1291	27.44083	33.77514	1
1626.225	1626.709	958.7094	88.41	26.74	88.19	87.57	53.89672	3.112842	42.99044	25.61459	17.37585	34.92329	1
1626.23	1626.714	958.7141	96.16	53.79	95.1	94.98	46.73062	4.769885	48.4995	29.37559	19.1239	33.80908	1
1626.235	1626.719	958.7189	99.32	106.85	98.69	95.65	27.6504	12.62996	59.71964	26.66413	33.0555	32.43683	1
1626.24	1626.724	958.7236	107.8	87.49	108.17	110.33	16.78392	28.40577	54.81031	26.80193	28.00838	30.60139	1
1626.245	1626.728	958.7283	103.98	88.45	103.73	103.65	24.871	17.9984	57.1306	31.65236	25.47824	31.68336	1
1626.25	1626.733	958.733	103.43	72.32	102.43	100.76	35.09296	10.48765	54.41939	24.80008	29.6193	32.84811	1
1626.255	1626.738	958.7377	100.46	27.52	100.3	99.94	42.15696	11.27442	46.56862	25.85884	20.70978	33.24986	1
1626.26	1626.742	958.7424	98.57	33.39	98.57	97.51	41.23522	11.11082	47.65396	21.8527	25.80126	33.24035	1
1626.265	1626.747	958.7471	96.2	40.87	96.65	99.28	38.11796	12.29574	49.5863	24.84513	24.74117	32.15739	1
1626.27	1626.752	958.7519	95.08	68.39	96.11	98.09	27.99352	16.40424	55.60224	25.11291	30.48933	31.49547	1
1626.275	1626.757	958.7566	86.28	51.81	85.57	83.29	53.58688	2.222376	44.19074	18.39638	25.79436	34.74951	1
1626.28	1626.761	958.7613	91.47	79.17	89.51	89.26	51.87846	0.861171	47.26037	32.41581	14.84455	34.14174	1
1626.285	1626.766	958.766	91.67	26.89	91.8	91.95	48.14872	6.339353	45.51193	31.03811	14.47382	33.94479	1
1626.29	1626.771	958.7707	86.65	22.79	86.51	86.02	55.85182	2.339189	41.80899	16.00828	25.80071	35.2229	1
1626.295	1626.775	958.7754	91.79	67.39	91.43	90.21	42.03482	6.946983	51.0182	23.69078	27.32742	33.08565	9
1626.3	1626.78	958.7802	109.71	114.02	110.2	110.76	7.67646	34.61016	57.71338	57.71338	0	-9999	9
1626.305	1626.785	958.7849	115.6	201.19	118	120.76	0	82.9724	17.0276	17.0276	0	-9999	9
1626.31	1626.79	958.7896	121.5	213.85	123.22	124.9	0	95.33647	4.663532	4.663532	0	-9999	9
1626.315	1626.794	958.7943	114.34	157.58	115.22	117.33	0	52.27659	47.72341	47.72341	0	-9999	9
1626.32	1626.799	958.799	119.31	192.77	121.14	124.41	0	86.84336	13.15664	13.15664	0	-9999	9
1626.325	1626.804	958.8037	119.59	159.78	120.72	120.65	0	72.095	27.905	27.905	0	-9999	9
1626.33	1626.808	958.8085	115.41	152.61	115.48	114.5	0	42.45854	57.54146	57.54146	0	-9999	9
1626.335	1626.813	958.8132	110.01	160.5	108.67	108.47	10.3348	18.1369	71.5283	64.69451	6.83379	32.46858	9
1626.34	1626.818	958.8179	109.28	143.74	108.31	106.86	12.19482	20.24088	67.5643	49.55624	18.00806	32.32002	9
1626.345	1626.823	958.8226	110.22	166.62	109.3	106.98	5.40556	23.21896	71.37548	71.37548	0	-9999	9
1626.35	1626.827	958.8273	108.83	161.2	107.51	102.73	11.096	17.50561	71.39839	49.49274	21.90564	33.27078	9
1626.355	1626.832	958.832	106.1	206.02	105.63	98.9	0	26.17706	73.82294	73.82294	0	-9999	9
1626.36	1626.837	958.8368	107.95	208.13	106.82	103.5	0	21.85549	78.14451	78.14451	0	-9999	9
1626.365	1626.841	958.8415	97.95	121.32	96.78	94.49	29.59406	9.544162	60.86178	28.75302	32.10875	32.34321	9
1626.37	1626.846	958.8462	110.43	92.56	110.69	112.71	13.98988	31.75209	54.25803	34.20077	20.05726	30.39744	9
1626.375	1626.851	958.8509	122.12	86.09	122.3	123.74	5.42082	56.25564	38.32354	38.32354	0	-9999	9
1626.38	1626.856	958.8556	129.27	109.85	129.82	129.29	0	94.068	5.931995	5.931995	0	-9999	9
1626.385	1626.86	958.8603	125.86	112.48	126.45	127.76	0	80.42956	19.57044	19.57044	0	-9999	9
1626.39	1626.865	958.865	117.67	210.36	117.39	121.98	0	45.42254	54.57746	54.57746	0	-9999	9
1626.395	1626.87	958.8698	107.08	185.74	104.37	102.25	17.53982	5.736443	76.72374	46.34184	30.3819	33.15174	9
1626.4	1626.874	958.8745	124.08	134.38	124.88	128.41	0	79.96146	20.03854	20.03854	0	-9999	9
1626.405	1626.879	958.8792	133.69	118.45	134.55	136.65	0	100	0	0	0	-9999	9
1626.41	1626.884	958.8839	138.83	90.58	139.19	139.33	0	100	0	0	0	-9999	9
1626.415	1626.889	958.8886	136.27	118.77	137.19	140.21	0	100	0	0	0	-9999	9
1626.42	1626.893	958.8933	121.82	245.71	124.7	124.96	0	100	0	0	0	-9999	9
1626.425	1626.898	958.8981	98.13	135.73	95.2	89.57	39.58124	0.742792	59.67597	30.98156	28.69441	33.77863	9
1626.43	1626.903	958.9028	100.98	79.01	99.86	97.82	36.65798	8.556332	54.78569	36.38247	18.40322	33.02972	9
1626.435	1626.907	958.9075	108.92	189.46	109.18	105.02	0	35.8564	64.1436	64.1436	0	-9999	9
1626.44	1626.912	958.9122	108.31	190.48	106.92	98.86	5.03114	18.43151	76.53735	66.67014	9.867216	-9999	9
1626.445	1626.917	958.9169	120.49	181.34	121.33	125.57	0	70.95938	29.04062	29.04062	0	-9999	9
1626.45	1626.922	958.9216	135.3	106.08	136.24	138.55	0	100	0	0	0	-9999	9
1626.455	1626.926	958.9264	133.59	170.99	135.37	138.88	0	100	0	0	0	-9999	9
1626.46	1626.931	958.9311	113.67	241.07	113.75	107.14	0	45.21901	54.78099	54.78099	0	-9999	9
1626.465	1626.936	958.9358	106.39	213.6	104.72	99.15	3.3725	16.3175	80.31	72.98338	7.326629	-9999	9
1626.47	1626.941	958.9405	93.82	112.41	91.75	89.88	42.52488	3.045978	54.42914	36.2119	18.21724	33.04625	9
1626.475	1626.945	958.9452	99.2	162.36	96.8	89.19	28.04488	5.553503	66.40162	40.74494	25.65668	33.33049	9
1626.48	1626.95	958.9499	97.89	203.92	93.94	89.94	31.20506	0.085406	68.70953	24.60953	44.1	32.49675	9
1626.485	1626.955	958.9547	103.67	200.32	101.84	101.61	10.32866	12.96253	76.70881	63.51758	13.19123	32.58144	9

1626.49	1626.959	958.9594	112.65	140.92	112.73	112.41	1.63936	36.62184	61.7388	61.7388	0	-9999	9
1626.495	1626.964	958.9641	108.2	161.29	108.17	109.76	1.65632	29.86242	68.48126	68.48126	0	-9999	9
1626.5	1626.969	958.9688	105.39	258.57	103.61	99.23	0	17.97012	82.02988	82.02988	0	-9999	9
1626.505	1626.974	958.9735	109.08	225.96	108.8	105.44	0	32.78014	67.21986	67.21986	0	-9999	9
1626.51	1626.978	958.9782	101.78	197.53	100.86	103.59	5.69014	18.42967	75.88019	65.05886	10.82134	-9999	9
1626.515	1626.983	958.9829	108.69	202.21	109.12	111.69	0	38.18119	61.81881	61.81881	0	-9999	9
1626.52	1626.988	958.9877	111.7	164.49	114.1	110.35	0	66.78396	33.21604	33.21604	0	-9999	9
1626.525	1626.992	958.9924	114.06	152.57	113.87	112.15	0	36.26797	63.73203	63.73203	0	-9999	9
1626.53	1626.997	958.9971	110.78	200.92	108.72	106.21	5.42476	13.74247	80.83277	80.83277	0	-9999	9
1626.535	1627.002	959.0018	106.39	192.24	103.33	100.11	19.31412	3.293549	77.39233	44.29501	33.09732	33.37437	9
1626.54	1627.007	959.0065	121.04	246.08	122.93	122.46	0	99.11977	0.880231	0.880231	0	-9999	9
1626.545	1627.011	959.0112	131.47	137.09	132.78	135.14	0	100	0	0	0	-9999	9
1626.55	1627.016	959.016	128.73	155.66	130.09	132.05	0	100	0	0	0	-9999	9
1626.555	1627.021	959.0207	137.02	126.58	138.47	138.59	0	100	0	0	0	-9999	9
1626.56	1627.025	959.0254	130.95	150.05	132.39	134.29	0	100	0	0	0	-9999	9
1626.565	1627.03	959.0301	116.2	133.82	116.26	114.06	0.24656	42.65455	57.09889	57.09889	0	-9999	9
1626.57	1627.035	959.0348	122.67	183.94	124.22	128.59	0	94.7694	5.230599	5.230599	0	-9999	9
1626.575	1627.04	959.0395	124.77	141.62	125.43	126.59	0	79.80636	20.19364	20.19364	0	-9999	9
1626.58	1627.044	959.0443	128.37	109.36	129.22	130.83	0	98.61289	1.387107	1.387107	0	-9999	9
1626.585	1627.049	959.049	112.7	112.98	112.16	109.88	13.15984	26.94467	59.89549	37.3683	22.52719	31.68926	9
1626.59	1627.054	959.0537	114.29	118.59	114.37	116.18	5.53442	38.1149	56.35068	49.09829	7.252398	-9999	9
1626.595	1627.058	959.0584	123.88	127.35	124.7	123.07	0	79.17018	20.82982	20.82982	0	-9999	9
1626.6	1627.063	959.0631	124.35	124.67	125.14	125.16	0	80.13878	19.86122	19.86122	0	-9999	8
1626.605	1627.068	959.0678	100.3	89.29	99.63	98.96	31.30832	11.85074	56.84094	33.8524	22.98854	32.22927	8
1626.61	1627.073	959.0726	82.31	57.93	80.82	78.59	61.80324	0	38.19676	20.57965	17.61711	34.97653	8
1626.615	1627.077	959.0773	93.31	131.38	91.9	86.39	33.28834	7.189188	59.52247	36.03105	23.49142	32.76592	8
1626.62	1627.082	959.082	80.81	59.35	79.06	76.7	64.8546	0	35.1454	22.80555	12.33985	34.42504	8
1626.625	1627.087	959.0867	88.18	98.53	85.94	82.8	52.39014	0.683481	46.92638	31.6621	15.26428	34.21549	8
1626.63	1627.091	959.0914	99.1	135.54	99.94	99.45	9.51732	24.04556	66.43712	63.43922	2.997901	32.14487	8
1626.635	1627.096	959.0961	80.02	42.63	78.77	76.65	65.75264	0	34.24736	11.79038	22.45698	34.74744	8
1626.64	1627.101	959.1008	80.15	94.96	78.04	75.96	59.63418	0.064738	40.30108	24.82376	15.47733	34.56645	8
1626.645	1627.106	959.1056	91.9	75.94	91.88	87.02	37.22952	9.111677	53.6588	21.63339	32.02541	33.24176	8
1626.65	1627.11	959.1103	90.5	97.43	89.08	85.47	44.16694	4.029554	51.80351	17.42527	34.37823	33.40617	8
1626.655	1627.115	959.115	96.88	84.13	95.94	95.27	37.79594	7.818111	54.38595	26.85868	27.52727	32.68101	8
1626.66	1627.12	959.1197	93.42	69.94	92.65	89.98	43.09562	6.048048	50.85633	28.89372	21.96261	33.52985	8
1626.665	1627.124	959.1244	77.35	33.28	76.57	74.86	66.82924	0	33.17076	7.481018	25.68974	34.77029	8
1626.67	1627.129	959.1291	73.79	64.5	71.42	68.33	74.8717	0	25.1283	16.51532	8.61298	34.32357	8
1626.675	1627.134	959.1339	83.48	59.86	82.98	83.12	52.58728	2.494792	44.91793	31.47742	13.44051	33.86266	8
1626.68	1627.139	959.1386	89.76	96.05	88.47	85.77	44.1742	4.23429	51.59151	21.06639	30.52512	33.1997	8
1626.685	1627.143	959.1433	89.61	57.87	88.96	86.48	48.59176	4.08478	47.32346	32.73249	14.59097	34.12814	8
1626.69	1627.148	959.148	95.49	128.82	95.41	90.88	21.59476	14.7123	63.69294	32.3882	31.30474	32.46273	8
1626.695	1627.153	959.1527	91.36	88.06	90.76	89.93	39.28828	7.084793	53.62693	23.7633	29.86363	32.54846	8
1626.7	1627.157	959.1574	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1627.02	1627.459	959.4593	110.97	43.33	110.11	110.78	34.08674	16.33664	49.57662	25.69249	23.88413	31.99281	10
1627.025	1627.464	959.464	116.93	102.8	116.54	114.15	10.5693	35.01946	54.41124	48.86745	5.543784	30.85786	10
1627.03	1627.469	959.4687	121.45	95.67	121.48	122.78	4.88136	51.97464	43.144	41.07678	2.06722	-9999	10
1627.035	1627.473	959.4734	121.58	110.47	122.26	122.35	0	66.58222	33.41778	33.41778	0	-9999	10
1627.04	1627.478	959.4781	123.48	97.7	123.68	122.94	1.205	61.59673	37.19827	37.19827	0	-9999	10
1627.045	1627.483	959.4828	122.97	105.25	122.72	121.98	3.3346	50.86514	45.80026	45.80026	0	-9999	10
1627.05	1627.488	959.4876	122.41	92	122.43	122.88	4.9638	54.14923	40.88697	38.2098	2.677171	-9999	10
1627.055	1627.492	959.4923	125.47	113.51	125.41	126.04	0	62.90388	37.09612	37.09612	0	-9999	10
1627.06	1627.497	959.497	123.42	103.61	123.58	124.44	0.13998	60.92016	38.93986	38.93986	0	-9999	10
1627.065	1627.502	959.5017	124.4	92.14	124.66	125.35	1.23912	65.58767	33.17321	33.17321	0	-9999	10
1627.07	1627.506	959.5064	123.88	94.32	124.59	125.71	0	74.37122	25.62878	25.62878	0	-9999	10
1627.075	1627.511	959.5111	123.48	85.03	124	125.28	1.79114	67.92141	30.28745	30.28745	0	-9999	10
1627.08	1627.516	959.5159	123.84	80.3	124.49	125.18	1.5971	71.88023	26.52267	26.52267	0	-9999	10
1627.085	1627.521	959.5206	122.46	83.05	122.78	123.94	4.7587	60.02112	35.22018	35.22018	0	-9999	10
1627.09	1627.525	959.5253	124.37	97.72	124.33	123.78	2.24136	58.91331	38.84533	38.84533	0	-9999	10
1627.095	1627.53	959.53	128.77	101.83	129.16	127.08	0	86.48699	13.51301	13.51301	0	-9999	10
1627.1	1627.535	959.5347	127.65	121.74	128.1	128.53	0	84.7227	15.2773	15.2773	0	-9999	10
1627.105	1627.539	959.5394	128.65	114.57	129.69	130.83	0	100	0	0	0	-9999	10
1627.11	1627.544	959.5442	128.57	99.87	129.29	129.71	0	95.12665	4.873345	4.873345	0	-9999	10
1627.115	1627.549	959.5489	128.14	90.81	128.67	128.88	0	87.01157	12.98843	12.98843	0	-9999	10
1627.12	1627.554	959.5536	127.94	114.1	128.5	125.89	0	88.54834	11.45166	11.45166	0	-9999	10
1627.125	1627.558	959.5583	128.25	106.54	129.12	128.41	0	98.41296	1.587037	1.587037	0	-9999	10
1627.13	1627.563	959.563	128.57	106.41	129.37	130.12	0	97.93004	2.069958	2.069958	0	-9999	10
1627.135	1627.568	959.5677	127.12	84.46	127.42	127.42	0.28528	75.95593	23.75879	23.75879	0	-9999	10
1627.14	1627.572	959.5724	126.9	72.78	127.23	127.04	3.08174	75.10829	21.80997	19.42403	2.385948	-9999	10
1627.145	1627.577	959.5772	127.93	79	128.67	130.02	0	91.25345	8.746546	8.746546	0	-9999	10
1627.15	1627.582	959.5819	128.62	73.44	129.33	128.15	0	93.28858	6.711421	6.711421	0	-9999	10
1627.155	1627.587	959.5866	128.72	73.87	129.25	131.53	0	88.48344	11.51656	11.51656	0	-9999	10
1627.16	1627.591	959.5913	126.53	87.4	127	127.72	0	78.32781	21.67219	21.67219	0	-9999	10
1627.165	1627.596	959.596	126.13	92.95	126.65	127.89	0	78.39931	21.60069	21.60069	0	-9999	10

1627.17	1627.601	959.6007	124.73	88.09	125.27	126.39	0	73.13606	26.86394	26.86394	0	-9999	10
1627.175	1627.605	959.6055	124.43	91.97	124.53	121.74	2.49266	61.94649	35.56085	35.56085	0	-9999	10
1627.18	1627.61	959.6102	124.91	90.81	125.26	126.52	0.39428	69.40092	30.2048	30.2048	0	-9999	10
1627.185	1627.615	959.6149	126.16	83.01	126.8	126.08	0	80.96121	19.03879	19.03879	0	-9999	10
1627.19	1627.62	959.6196	124.59	83.02	124.98	125.21	2.26386	68.693	29.04314	29.04314	0	-9999	10
1627.195	1627.624	959.6243	123.84	77.78	124.44	124.77	2.59444	70.55267	26.85289	26.85289	0	-9999	10
1627.2	1627.629	959.629	123.51	72.1	123.86	123.96	6.2101	63.31961	30.47029	30.32601	0.144271	-9999	10
1627.205	1627.634	959.6338	122.71	64.77	123.41	123.45	6.00746	67.83823	26.15431	26.15431	0	-9999	10
1627.21	1627.638	959.6385	121.27	58.49	121.68	123.81	11.09952	56.56647	32.33401	26.47177	5.862238	26.82892	10
1627.215	1627.643	959.6432	118.56	68.89	118.74	119.21	12.85842	45.56481	41.57677	25.9959	15.58087	28.66731	10
1627.22	1627.648	959.6479	118.05	86.54	118.72	117.92	5.25882	53.93222	40.80896	30.96675	9.842206	-9999	10
1627.225	1627.653	959.6526	116.65	92.58	116.78	117.14	9.27014	41.91948	48.81038	29.06724	19.74314	29.66931	10
1627.23	1627.657	959.6573	116.51	120.05	117.17	118.96	0	51.87647	48.12353	48.12353	0	-9999	10
1627.235	1627.662	959.6621	119.01	101.36	119.19	119.43	4.58668	48.8696	46.54372	46.54372	0	-9999	10
1627.24	1627.667	959.6668	119.4	94.34	119.78	119.76	4.37672	53.02557	42.59771	42.59771	0	-9999	10
1627.245	1627.671	959.6715	118.04	86.21	117.84	117.33	12.09038	39.10188	48.80774	42.22108	6.586658	29.77865	10
1627.25	1627.676	959.6762	117.28	76.34	116.68	116.09	18.27812	30.55916	51.16272	37.97082	13.1919	30.4228	10
1627.255	1627.681	959.6809	116.5	66.79	116.15	115.72	19.36932	32.43172	48.19896	37.21906	10.9799	30.15114	10
1627.26	1627.686	959.6856	116.91	53.56	116.63	116.39	21.65128	33.37603	44.97269	15.83484	29.13785	29.88854	10
1627.265	1627.69	959.6903	117.7	46.59	117.53	117.62	21.75872	36.22227	42.01901	26.83132	15.18769	29.42319	10
1627.27	1627.695	959.6951	118.42	53.67	118.04	116.96	21.01046	34.66169	44.32785	32.60743	11.72042	29.81178	10
1627.275	1627.7	959.6998	119.79	50.04	119.55	119.61	19.54352	39.71045	40.74603	29.53521	11.21081	28.91851	10
1627.28	1627.704	959.7045	119.82	48.14	119.59	119.14	19.89822	39.83012	40.27166	26.08353	14.18813	28.97803	10
1627.285	1627.709	959.7092	122.21	48.95	122.44	123.4	13.9384	55.05698	31.00462	22.67043	8.334183	26.86216	10
1627.29	1627.714	959.7139	123.44	51.76	123.45	123.06	13.83178	54.16928	31.99894	15.20261	16.79633	27.09687	10
1627.295	1627.719	959.7186	121.43	48.64	121.94	122.23	12.56102	58.42375	29.01523	5.95942	23.05581	26.75052	10
1627.3	1627.723	959.7234	122.23	49.51	122.7	123.67	11.92448	60.21069	27.86483	15.62939	12.23544	26.35058	10
1627.305	1627.728	959.7281	120.54	49.15	120.8	121.06	15.1939	50.86151	33.94459	15.50225	18.44234	27.63011	10
1627.31	1627.733	959.7328	119.27	43.37	119.43	119.74	18.53606	45.24976	36.21418	14.93217	21.28201	28.25266	10
1627.315	1627.738	959.7375	119.77	45.24	119.94	120.44	17.54602	46.83447	35.61951	26.67832	8.941191	28.02407	10
1627.32	1627.742	959.7422	118.2	59.5	118.45	119.74	14.9195	45.25586	39.82464	24.42128	15.40337	28.40698	10
1627.325	1627.747	959.7469	116.77	53.02	116.57	116.67	21.29076	34.3216	44.38764	28.27788	16.10975	29.73016	10
1627.33	1627.752	959.7517	116.67	61.45	116.37	116.72	20.1177	33.14915	46.73315	22.04573	24.68742	29.87702	10
1627.335	1627.756	959.7564	116.09	68.64	115.63	116.21	20.15132	30.18604	49.66264	29.68497	19.97767	30.21972	10
1627.34	1627.761	959.7611	116.29	74.19	116.41	117.39	14.12922	39.74434	46.12644	32.38808	13.73836	29.35849	10
1627.345	1627.766	959.7658	115.07	70.5	115.26	114.7	15.6021	37.98717	46.41073	26.68709	19.72364	29.81839	10
1627.35	1627.771	959.7705	112.97	72.91	113.37	114.62	15.32338	36.81723	47.85939	34.60123	13.25816	29.76443	10
1627.355	1627.775	959.7752	111.9	77.65	112.19	113.45	16.0132	33.67663	50.31017	42.08438	8.225787	30.11637	10
1627.36	1627.78	959.78	110.42	91.99	110.89	110.89	12.50952	34.14988	53.3406	40.84522	12.49538	30.64171	10
1627.365	1627.785	959.7847	112.18	85.64	112.78	113.53	11.41952	38.69972	49.88076	35.95362	13.92713	30.02733	10
1627.37	1627.789	959.7894	111.42	92.68	111.61	110.68	13.59254	32.60679	53.80067	44.95923	8.841446	30.83649	10
1627.375	1627.794	959.7941	111.12	85.62	111.53	110.61	13.87206	34.27154	51.8564	25.67532	26.18108	30.65007	10
1627.38	1627.799	959.7988	117.26	75.82	117.65	116.98	10.74986	46.39373	42.85641	26.28084	16.57557	29.09264	10
1627.385	1627.804	959.8035	124.03	60.03	124.39	124.39	8.57514	64.48589	26.93897	26.71254	0.226428	26.0904	10
1627.39	1627.808	959.8082	129.13	89.2	129.59	130.5	0	89.31586	10.68414	10.68414	0	-9999	10
1627.395	1627.813	959.813	126.6	103.36	127.15	128.33	0	81.80089	18.19911	18.19911	0	-9999	10
1627.4	1627.818	959.8177	128.8	105.89	129.19	130.55	0	86.89256	13.10744	13.10744	0	-9999	10
1627.405	1627.822	959.8224	128.37	110.12	129.07	130.94	0	94.27633	5.72367	5.72367	0	-9999	10
1627.41	1627.827	959.8271	128.46	131.12	129.17	131.33	0	96.4144	3.585597	3.585597	0	-9999	10
1627.415	1627.832	959.8318	128.5	95.15	128.82	131.45	0	82.84307	17.15693	17.15693	0	-9999	10
1627.42	1627.837	959.8365	125.34	89.75	125.5	129.16	1.7277	66.22426	32.04804	32.04804	0	-9999	10
1627.425	1627.841	959.8413	128.2	133.9	129.21	131.45	0	100	0	0	0	-9999	10
1627.43	1627.846	959.846	133.1	117.9	133.59	133.73	0	100	0	0	0	-9999	10
1627.435	1627.851	959.8507	132.64	145.34	133.87	133.5	0	100	0	0	0	-9999	10
1627.44	1627.855	959.8554	131.24	126.21	132.12	132.94	0	100	0	0	0	-9999	10
1627.445	1627.86	959.8601	130.84	104.94	131.61	132.94	0	100	0	0	0	-9999	10
1627.45	1627.865	959.8648	131.11	122.51	131.96	133.94	0	100	0	0	0	-9999	10
1627.455	1627.87	959.8696	128.8	125.8	129.43	130.49	0	95.31525	4.684753	4.684753	0	-9999	10
1627.46	1627.874	959.8743	127.57	127.34	128.23	128.24	0	90.60094	9.399063	9.399063	0	-9999	10
1627.465	1627.879	959.879	125.56	109.62	125.89	125.72	0	72.52753	27.47247	27.47247	0	-9999	10
1627.47	1627.884	959.8837	124.66	109.66	124.9	124.86	0	67.17837	32.82163	32.82163	0	-9999	10
1627.475	1627.888	959.8884	123.89	109.38	124.31	123.53	0	68.71581	31.28419	31.28419	0	-9999	10
1627.48	1627.893	959.8931	124.29	98.51	124.63	124.42	0	67.51168	32.48832	32.48832	0	-9999	10
1627.485	1627.898	959.8979	124.58	117.26	124.96	124.17	0	70.73131	29.26869	29.26869	0	-9999	10
1627.49	1627.903	959.9026	127.74	90.63	128.41	130.51	0	89.17322	10.82678	10.82678	0	-9999	10
1627.495	1627.907	959.9073	128.19	79.86	128.68	129.72	0	85.35058	14.64942	14.64942	0	-9999	10
1627.5	1627.912	959.912	132.3	74.38	133.06	132.86	0	100	0	0	0	-9999	10
1627.505	1627.917	959.9167	133.47	100.22	133.98	134.44	0	100	0	0	0	-9999	10
1627.51	1627.921	959.9214	134.16	94.89	134.68	134.57	0	100	0	0	0	-9999	10
1627.515	1627.926	959.9261	133.87	108.47	134.02	135.55	0	100	0	0	0	-9999	10
1627.52	1627.931	959.9309	133.77	102.08	134.04	133.78	0	100	0	0	0	-9999	10
1627.525	1627.936	959.9356	133.38	122.16	133.94	135.72	0	100	0	0	0	-9999	10
1627.53	1627.94	959.9403	133.72	115.19	134.14	135.45	0	100	0	0	0	-9999	10

1627.535	1627.945	959.945	134.43	112.07	135.1	138.55	0	100	0	0	0	-9999	10
1627.54	1627.95	959.9497	133.97	116.64	134.22	135.07	0	100	0	0	0	-9999	10
1627.545	1627.954	959.9544	133.87	108.16	134.45	134.49	0	100	0	0	0	-9999	10
1627.55	1627.959	959.9592	133.37	109.44	134.22	135.66	0	100	0	0	0	-9999	10
1627.555	1627.964	959.9639	132.78	91.64	133.33	133.62	0	100	0	0	0	-9999	10
1627.56	1627.969	959.9686	131.88	82.58	132.23	133.49	0	98.56126	1.43874	1.43874	0	-9999	10
1627.565	1627.973	959.9733	129.05	78.5	129.74	130.98	0	95.12066	4.879336	4.879336	0	-9999	10
1627.57	1627.978	959.978	127.81	78.94	128.06	128.71	1.37382	76.94312	21.68306	21.68306	0	-9999	10
1627.575	1627.983	959.9827	122.28	125.91	123.57	127.53	0	83.31459	16.68541	16.68541	0	-9999	10
1627.58	1627.987	959.9875	115.86	182.93	117.94	123.11	0	77.36392	22.63608	22.63608	0	-9999	10
1627.585	1627.992	959.9922	106.82	194.35	106.8	107.43	0	30.39112	69.60888	69.60888	0	-9999	10
1627.59	1627.997	959.9969	92.12	54.04	91.43	89.63	47.51942	4.742153	47.73843	25.56212	22.17631	34.00609	10
1627.595	1628.002	960.0016	83.61	38.92	82.83	82.98	59.70516	0.309393	39.98545	24.22569	15.75976	35.42561	10
1627.6	1628.006	960.0063	80.2	29.7	79.92	79.35	61.1986	0.028859	38.77254	22.90801	15.86453	35.81254	10
1627.605	1628.011	960.011	85.33	124.41	82.37	80.18	54.32918	0.092045	45.57878	14.41964	31.15913	33.65175	10
1627.61	1628.016	960.0158	103.6	306.62	100.83	95.2	0	13.27767	86.72233	86.72233	0	-9999	10
1627.615	1628.02	960.0205	117.16	86.86	117.82	118.79	6.07768	51.34641	42.57591	35.50946	7.066445	-9999	10
1627.62	1628.025	960.0252	117.52	86.12	117.37	115.67	12.20306	38.84706	48.94988	35.56995	13.37993	30.05164	10
1627.625	1628.03	960.0299	121	113.75	121.64	123.28	0	64.08014	35.91986	35.91986	0	-9999	10
1627.63	1628.035	960.0346	125.1	138.99	126.25	127.37	0	93.18196	6.818042	6.818042	0	-9999	10
1627.635	1628.039	960.0393	124.37	158.45	125.84	128.71	0	99.07701	0.922988	0.922988	0	-9999	10
1627.64	1628.044	960.044	128.32	152.78	130	133	0	100	0	0	0	-9999	10
1627.645	1628.049	960.0488	132.9	124.8	134.16	136.61	0	100	0	0	0	-9999	10
1627.65	1628.053	960.0535	132.93	108.47	134.23	133.69	0	100	0	0	0	-9999	10
1627.655	1628.058	960.0582	130.93	81.68	131.7	129.28	0	100	0	0	0	-9999	10
1627.66	1628.063	960.0629	129.9	75.01	130.09	128.55	0.86708	83.605	15.52792	15.52792	0	-9999	10
1627.665	1628.068	960.0676	129.67	82.38	130.33	132.91	0	97.5307	2.4693	2.4693	0	-9999	10
1627.67	1628.072	960.0723	129.14	66.26	129.62	126.94	1.43628	88.41188	10.15184	10.15184	0	-9999	10
1627.675	1628.077	960.0771	129.85	79.71	129.96	127.66	0.39568	81.26377	18.34055	18.34055	0	-9999	10
1627.68	1628.082	960.0818	126.97	80.24	127.69	127.55	0	86.39117	13.60883	13.60883	0	-9999	10
1627.685	1628.086	960.0865	121.89	82.1	122.12	122.03	6.2105	56.34617	37.44333	37.44333	0	-9999	10
1627.69	1628.091	960.0912	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1628.07	1628.45	960.4496	108.18	51	108.2	108.55	27.9774	22.90348	49.11912	29.61927	19.49986	31.20787	-9999
1628.075	1628.454	960.4543	109.1	55.87	109.45	110.02	23.39496	28.10114	48.5039	21.1544	27.3495	30.6358	-9999
1628.08	1628.459	960.4591	107.84	56.82	108.17	108.45	24.47926	25.98622	49.53452	25.84078	23.69373	30.92127	-9999
1628.085	1628.464	960.4638	107.38	69.19	107.68	107.76	22.14142	25.83538	52.0232	37.15675	14.86645	31.01125	-9999
1628.09	1628.468	960.4685	107.46	70.22	108.22	110.16	18.25356	30.69434	51.0521	25.08492	25.96719	30.35791	-9999
1628.095	1628.473	960.4732	106.13	83.17	107.22	109.68	13.78576	32.58284	53.6314	31.71051	21.9209	30.43051	-9999
1628.1	1628.478	960.4779	105.08	70.98	106.07	109.8	18.47674	29.04642	52.47684	39.45716	13.01967	30.26222	-9999
1628.105	1628.483	960.4826	104.01	55.32	104.09	104.96	30.30336	18.52767	51.16897	20.07063	31.09834	31.59437	-9999
1628.11	1628.487	960.4874	103.07	54.42	102.83	105.29	33.86596	14.88898	51.24506	22.92546	28.31961	31.72795	-9999
1628.115	1628.492	960.4921	103.47	55.98	103.76	101.75	29.01294	19.68244	51.30462	20.21216	31.09246	32.0067	-9999
1628.12	1628.497	960.4968	103.83	36.85	103.88	105.09	35.1712	16.82842	48.00038	23.66198	24.3384	31.93687	-9999
1628.125	1628.502	960.5015	106.12	41.9	105.95	106.68	33.5473	17.85046	48.60224	33.78764	14.8146	31.82423	-9999
1628.13	1628.506	960.5062	107.87	53.14	107.73	107.04	28.98472	21.01492	50.00036	31.21479	18.78557	31.59816	-9999
1628.135	1628.511	960.5109	102.51	59.36	100.92	98.83	43.64818	4.730085	51.62173	27.22878	24.39295	34.08418	-9999
1628.14	1628.516	960.5156	103.56	67.65	101.85	99.29	41.606	4.86049	53.53351	35.71826	17.81525	33.96037	-9999
1628.145	1628.52	960.5204	105.63	71.66	105.54	104	26.17618	20.01954	53.80428	33.99927	19.80501	31.80548	-9999
1628.15	1628.525	960.5251	106.82	75.11	107.14	109.11	21.06898	25.62428	53.30674	24.95883	28.34791	30.71913	-9999
1628.155	1628.53	960.5298	107.64	76.07	107.86	107.92	20.85726	25.87245	53.27029	24.73331	28.53698	31.03386	-9999
1628.16	1628.535	960.5345	107.69	79.09	108.27	110.3	17.29042	29.8233	52.88628	33.86633	19.01994	30.4578	-9999
1628.165	1628.539	960.5392	106.91	99.06	107.24	109.84	15.11278	27.4675	57.41972	30.02372	27.396	30.71618	-9999
1628.17	1628.544	960.5439	107.68	103.39	108.1	109.38	12.65902	29.8066	57.53438	45.32234	12.21204	30.916	-9999
1628.175	1628.549	960.5487	106	86.52	106.02	105.32	21.38716	22.46519	56.14765	43.68799	12.45965	31.47939	-9999
1628.18	1628.553	960.5534	103.93	58.31	103.87	103.69	30.73838	17.47714	51.78448	31.2776	20.50688	31.87625	-9999
1628.185	1628.558	960.5581	101.16	54.18	101.23	101.92	33.27874	15.35099	51.37027	36.80105	14.56921	31.98236	-9999
1628.19	1628.563	960.5628	92.7	51.99	92.68	93.62	42.28942	7.984199	49.72638	35.90321	13.82317	32.84232	7
1628.195	1628.568	960.5675	86.46	57.93	86.07	83.18	49.46024	3.77393	46.76583	23.33455	23.43128	34.15091	7
1628.2	1628.572	960.5722	81.05	48.89	79.78	77.02	63.44512	0	36.55488	18.07676	18.47812	35.08744	7
1628.205	1628.577	960.577	83.85	34.37	82.9	82.78	61.90296	0	38.09704	23.32158	14.77546	35.4203	7
1628.21	1628.582	960.5817	89.22	61.3	87.81	86.98	54.0105	1.289742	44.69976	22.06145	22.63831	34.60954	7
1628.215	1628.586	960.5864	89.73	34.68	89.14	88.79	53.62834	2.805791	43.56587	12.69276	30.87311	34.78374	7
1628.22	1628.591	960.5911	92.82	36.82	92.28	91.08	49.88016	4.595753	45.52409	15.78351	29.74057	34.42311	7
1628.225	1628.596	960.5958	97.22	49.41	96.08	94.8	47.43538	4.522799	48.04182	27.90173	20.1401	34.19994	7
1628.23	1628.601	960.6005	101.99	69.74	100.67	98.28	39.52212	7.096017	53.38186	30.33182	23.05005	33.48568	7
1628.235	1628.605	960.6053	104.82	54.7	104.37	104.55	33.8157	14.87571	51.30859	35.02469	16.2839	32.15902	7
1628.24	1628.61	960.61	110.88	49.38	110.34	108.67	30.22544	20.27544	49.49912	18.34092	31.15819	31.84265	7
1628.245	1628.615	960.6147	107.47	86.96	107.45	109.26	20.23828	23.97714	55.78458	31.47772	24.30686	30.89825	7
1628.25	1628.619	960.6194	97.88	78.61	96.57	93.38	41.07928	5.822334	53.09839	34.70493	18.39345	33.59051	7
1628.255	1628.624	960.6241	99.28	56.68	98.82	96.17	38.51084	10.30377	51.18539	31.2706	19.91479	33.21157	7
1628.26	1628.629	960.6288	103.7	69.49	103.79	100.53	27.08192	19.21589	53.70219	27.49694	26.20525	32.20861	7
1628.265	1628.634	960.6335	108.64	60.98	109.06	110.65	22.03904	28.45975	49.50121	33.42754	16.07367	30.45187	7
1628.27	1628.638	960.6383	109.31	74.24	110.41	112.07	12.94372	38.12113	48.93515	38.68117	10.25398	29.9471	7

1628.275	1628.643	960.643	108.94	82.18	110.41	110.68	8.49514	42.10622	49.39864	32.20076	17.19788	30.27573	7
1628.28	1628.648	960.6477	108.21	84.52	109.7	111.33	8.44546	40.88826	50.66628	42.23052	8.435758	30.20346	7
1628.285	1628.652	960.6524	105.24	89.08	105.63	108.2	18.59934	25.02905	56.37161	31.92648	24.44513	30.77579	7
1628.29	1628.657	960.6571	101.84	94.61	101.76	102.57	24.03158	17.6411	58.32732	39.24001	19.0873	31.5081	7
1628.295	1628.662	960.6618	101.17	47.69	100.88	100.21	37.63012	12.33687	50.03301	17.16977	32.86324	32.73021	7
1628.3	1628.667	960.6666	100.06	62.58	100.08	100.61	32.64544	14.52168	52.83288	25.7048	27.12809	31.9954	7
1628.305	1628.671	960.6713	98.03	118.17	98	99.09	21.44776	16.19937	62.35287	41.40736	20.94551	31.4641	7
1628.31	1628.676	960.676	99.01	131.74	98.99	99.45	17.18472	17.99481	64.82047	33.79579	31.02468	31.64018	7
1628.315	1628.681	960.6807	97.03	86.22	97.53	97.05	25.99216	16.40062	57.60722	25.62378	31.98344	31.81743	7
1628.32	1628.685	960.6854	92.33	64.5	92.02	91.17	41.8499	7.264743	50.88536	27.52048	23.36488	33.02371	7
1628.325	1628.69	960.6901	90.96	66.31	90.16	84.43	46.46978	4.598496	48.93172	31.98263	16.94909	34.40973	7
1628.33	1628.695	960.6949	86.56	55.12	85.15	82.56	57.95326	0.230989	41.81575	11.30164	30.51411	35.53934	7
1628.335	1628.7	960.6996	83.72	52.05	82.36	81.26	60.9215	0	39.0785	7.11784	31.96066	35.08617	7
1628.34	1628.704	960.7043	82.38	48.12	81.07	79.43	62.71786	0	37.28214	17.50692	19.77522	34.9771	7
1628.345	1628.709	960.709	84.53	46.89	83.22	82.24	61.03752	0	38.96248	21.17702	17.78546	35.18448	7
1628.35	1628.714	960.7137	89.73	72.24	88.59	86.02	48.80132	3.193913	48.00477	21.45469	26.55007	34.01173	7
1628.355	1628.718	960.7184	93.51	74.26	92.47	90.18	44.05988	5.110931	50.82919	28.96585	21.86334	33.54344	7
1628.36	1628.723	960.7232	93.5	95.5	93	87.04	34.744	9.098143	56.15786	28.29359	27.86427	33.17433	7
1628.365	1628.728	960.7279	91.99	98	91.19	84.25	37.8532	7.166842	54.97996	35.38194	19.59802	33.49155	7
1628.37	1628.733	960.7326	91.79	92.89	91.14	90.43	38.11132	7.390492	54.49819	30.48817	24.01002	32.39384	7
1628.375	1628.737	960.7373	92.8	93.25	91.5	91	42.1325	4.944814	52.92269	27.41363	25.50905	32.79718	7
1628.38	1628.742	960.742	92.48	70.88	92.7	93.94	36.06044	10.25097	53.68859	25.0489	28.63969	32.06098	7
1628.385	1628.747	960.7467	89.95	56.69	89.81	87.47	44.61202	6.206253	49.18173	25.22008	23.96164	33.59406	7
1628.39	1628.751	960.7514	88.5	42.27	88.11	87.33	51.37316	3.561306	45.06553	29.16912	15.89642	34.33805	7
1628.395	1628.756	960.7562	90.91	57.46	90.4	90.65	46.40998	5.194444	48.39558	32.09304	16.30253	33.37673	7
1628.4	1628.761	960.7609	88.72	50.19	88.43	90.59	48.47912	4.573255	46.94762	25.84468	21.10295	33.28301	7
1628.405	1628.766	960.7656	87.06	50.65	86.33	86.02	53.305	2.342724	44.35228	23.86779	20.48449	34.38327	7
1628.41	1628.77	960.7703	87.03	55.61	86.33	84.94	51.89978	2.770242	45.32998	18.98875	26.34123	34.29043	7
1628.415	1628.775	960.775	88.28	53.44	87.94	86.96	48.48492	4.406154	47.10893	14.38485	32.72408	33.80633	7
1628.42	1628.78	960.7797	89.76	69.83	89.13	88.15	45.40444	5.032728	49.56283	30.76398	18.79886	33.29607	7
1628.425	1628.784	960.7845	87.87	75.59	87.39	86.57	44.58682	5.213276	50.1999	29.28029	20.91962	33.0097	7
1628.43	1628.789	960.7892	88.35	77.9	87.67	85.88	45.1362	4.827046	50.03675	24.71342	25.32334	33.24723	7
1628.435	1628.794	960.7939	91.94	56.19	92.33	92.22	38.79472	9.686513	51.51877	35.98478	15.53398	32.62576	7
1628.44	1628.799	960.7986	92.3	47.8	92.23	92.39	44.0589	7.223108	48.71799	23.80749	24.9105	33.21744	7
1628.445	1628.803	960.8033	91.24	52.01	91.13	91.33	44.32528	6.712965	48.96175	26.02793	22.93383	33.1777	7
1628.45	1628.808	960.808	91.55	48.92	91.66	91.61	43.08286	7.661625	49.25551	23.23165	26.02386	33.10797	7
1628.455	1628.813	960.8128	91.96	49	92.17	91.21	41.9113	8.382392	49.70631	29.36847	20.33784	33.15032	7
1628.46	1628.817	960.8175	93.35	49.19	92.86	93.15	46.01152	5.940286	48.04819	21.60217	26.44602	33.48591	7
1628.465	1628.822	960.8222	93.07	49.15	92.87	92.61	44.0313	7.163074	48.80563	28.81888	19.98675	33.30608	7
1628.47	1628.827	960.8269	92.08	43.38	92.57	93.68	40.99094	9.388097	49.62096	24.89827	24.72269	32.70724	7
1628.475	1628.832	960.8316	93.13	47.22	93.06	92.39	43.43566	7.692293	48.87205	20.27734	28.59471	33.31865	7
1628.48	1628.836	960.8363	97.06	47.05	97.03	96.83	39.5512	10.63073	49.81807	22.07867	27.7394	32.83107	10
1628.485	1628.841	960.8411	99.21	81.41	97.98	95.27	38.55808	7.088548	54.35337	33.80731	20.54607	33.26855	10
1628.49	1628.846	960.8458	97.44	76.27	95.88	93.68	43.98786	4.084384	51.92776	29.3273	22.60045	33.7811	10
1628.495	1628.85	960.8505	99.57	65.03	98.46	97.05	41.26084	6.911754	51.82741	31.88898	19.93843	33.38764	10
1628.5	1628.855	960.8552	100.79	48.15	100.39	98.8	38.7209	11.27955	49.99955	26.60821	23.39134	33.04646	10
1628.505	1628.86	960.8599	98.94	56.99	99.07	99.72	34.17612	13.86118	51.9627	27.80023	24.16246	32.0999	10
1628.51	1628.865	960.8646	97.3	84.01	95.82	92.51	41.62358	4.999756	53.37666	34.34204	19.03462	33.63067	10
1628.515	1628.869	960.8693	97.7	75.98	96.15	93.74	43.74134	4.211747	52.04691	31.36462	20.68229	33.80465	10
1628.52	1628.874	960.8741	101.08	54.39	100.04	98.8	41.90402	7.495712	50.60027	20.89469	29.70558	33.50427	10
1628.525	1628.879	960.8788	106.21	58.1	105.2	104	36.0541	11.46842	52.47748	24.66185	27.81563	32.84105	10
1628.53	1628.883	960.8835	107.38	42.27	107.21	107.51	32.29856	19.37249	48.32895	23.81589	24.51306	31.69314	10
1628.535	1628.888	960.8882	107.35	41.83	107.39	107.15	30.80514	21.36524	47.82962	32.20754	15.62208	31.55313	10
1628.54	1628.893	960.8929	107.06	35.54	107.05	107	32.98162	20.07343	46.94495	22.79436	24.15059	31.73965	10
1628.545	1628.898	960.8976	107.15	32.8	107.21	106.86	33.0194	20.6869	46.2937	29.67711	16.61658	31.7435	10
1628.55	1628.902	960.9024	107.9	33.34	107.72	107.05	34.05872	19.31534	46.62594	14.19195	32.43399	31.97122	10
1628.555	1628.907	960.9071	107.07	34.11	106.76	106.27	35.64348	17.10266	47.25386	25.81194	21.44192	32.24444	10
1628.56	1628.912	960.9118	107.21	34.32	106.86	106.04	35.77386	16.89263	47.33351	26.1179	21.2156	32.33193	10
1628.565	1628.917	960.9165	108.26	37.26	108.07	107.44	32.85638	19.93319	47.21043	33.91976	13.29067	31.83326	10
1628.57	1628.921	960.9212	107.58	42.43	107.76	107.98	29.36334	23.11361	47.52305	18.49157	29.03148	31.25859	10
1628.575	1628.926	960.9259	107.18	39.03	107.11	107.21	32.49164	19.87942	47.62894	34.15889	13.47005	31.69936	10
1628.58	1628.931	960.9307	106.83	38	106.83	107.5	32.5204	20.04174	47.43786	22.41849	25.01938	31.58729	10
1628.585	1628.935	960.9354	107.74	34.09	107.64	107.04	33.40442	19.96315	46.63243	18.58936	28.04307	31.86376	10
1628.59	1628.94	960.9401	109.03	42.27	109	108.51	29.69556	22.9716	47.33284	29.5774	17.75544	31.37751	10
1628.595	1628.945	960.9448	108.09	37.63	108.18	108.39	30.75324	22.59426	46.6525	18.62947	28.02303	31.34295	10
1628.6	1628.95	960.9495	108.12	48.92	108.21	107.86	27.99346	23.39845	48.60809	28.56892	20.03917	31.28975	10
1628.605	1628.954	960.9542	108.18	49.81	108.39	107.86	26.79288	24.78273	48.42439	29.51522	18.90916	31.17582	10
1628.61	1628.959	960.959	107.63	57.22	108	107.83	24.26566	26.10439	49.62995	22.51656	27.11339	30.99692	10
1628.615	1628.964	960.9637	107.1	56.31	106.95	106.04	29.00348	20.17207	50.82445	25.40965	25.41479	31.71798	10
1628.62	1628.968	960.9684	110.8	82.59	110.43	109.57	20.94472	24.36011	54.69517	41.53789	13.15728	31.26864	10
1628.625	1628.973	960.9731	114.55	97.25	114.33	109.39	12.7845	32.9577	54.2578	32.17299	22.08481	31.46081	10
1628.63	1628.978	960.9778	109.6	67.61	109.75	109.51	21.64388	27.48253	50.87359	30.00096	20.87264	30.85635	10
1628.635	1628.983	960.9825	105.63	54.86	104.36	104.43	39.38678	8.588369	52.02485	34.08118	17.94367	33.10095	10

1628.64	1628.987	960.9872	106.62	53.37	105.35	104.21	38.83656	9.141667	52.02177	32.63583	19.38594	33.26359	10
1628.645	1628.992	960.992	107.58	64.18	106.3	103.45	35.41484	10.44371	54.14145	28.03475	26.10671	33.21081	10
1628.65	1628.997	960.9967	107.94	113.83	107.84	109.08	13.92334	25.60351	60.47315	51.35018	9.122966	31.18711	10
1628.655	1629.001	961.0014	102.25	59.66	102.68	102.22	28.15978	19.60294	52.23728	32.69884	19.53844	31.71116	10
1628.66	1629.006	961.0061	100.52	70.93	100.63	95.89	29.50404	16.14232	54.35364	34.44522	19.90843	32.73016	10
1628.665	1629.011	961.0108	100.66	66.68	101.59	101.2	24.04874	21.91728	54.03398	29.28929	24.74469	31.54018	10
1628.67	1629.016	961.0155	99.94	63.06	99.96	98.09	32.63968	14.44462	52.9157	29.90417	23.01153	32.4369	10
1628.675	1629.02	961.0203	98.34	48.22	98.47	96.94	36.85046	12.7368	50.41274	23.17966	27.23307	32.76603	10
1628.68	1629.025	961.025	97.59	39.64	97.27	96.43	43.10432	8.809566	48.08611	27.5578	20.52832	33.44503	10
1628.685	1629.03	961.0297	96.07	65.58	94.27	93.26	49.69524	1.668555	48.6362	17.71179	30.92441	34.40213	10
1628.69	1629.034	961.0344	97.66	69.8	96.45	93.94	42.6387	5.703495	51.65781	22.69188	28.96593	33.66937	10
1628.695	1629.039	961.0391	99.07	67.78	98.45	97.45	37.25784	9.889089	52.85307	26.11197	26.7411	32.76718	10
1628.7	1629.044	961.0438	95.28	69.44	94.89	94	38.56042	8.90937	52.53021	32.78958	19.74063	32.75524	10
1628.705	1629.049	961.0486	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1629.03	1629.359	961.3585	120.64	84.06	119.33	111.33	18.82118	24.2489	56.92992	27.53918	29.39073	32.36822	10
1629.035	1629.364	961.3638	125.28	62.8	125.58	124.39	7.2198	67.61568	25.16452	24.39247	0.772047	-9999	10
1629.04	1629.369	961.3691	127.61	78.83	127.42	126.18	4.99444	64.20524	30.80032	24.83412	5.966201	-9999	10
1629.045	1629.374	961.3744	128.07	79.98	128.6	128.22	0	85.97001	14.02999	14.02999	0	-9999	10
1629.05	1629.38	961.3796	126.59	124.55	127.7	126.45	0	98.21795	1.782055	1.782055	0	-9999	10
1629.055	1629.385	961.3849	130.31	73.47	130.47	130.9	1.09506	84.35509	14.54985	14.54985	0	-9999	10
1629.06	1629.39	961.3902	130.71	70.78	131.25	132.55	0	98.17207	1.82793	1.82793	0	-9999	10
1629.065	1629.395	961.3955	131.02	71.19	131.52	130.15	0	98.46465	1.535346	1.535346	0	-9999	10
1629.07	1629.401	961.4007	132.61	66.96	132.97	133.43	0	100	0	0	0	-9999	10
1629.075	1629.406	961.406	134.05	85.61	134.62	138.94	0	100	0	0	0	-9999	10
1629.08	1629.411	961.4113	134.13	69.12	134.63	135.9	0	100	0	0	0	-9999	10
1629.085	1629.417	961.4166	133.46	97.58	134.14	136.47	0	100	0	0	0	-9999	10
1629.09	1629.422	961.4219	134.54	79.29	134.23	136.33	0	87.39358	12.60642	12.60642	0	-9999	10
1629.095	1629.427	961.4271	133.19	82.86	133.72	134.1	0	100	0	0	0	-9999	10
1629.1	1629.432	961.4324	131.23	69.74	131.74	132.31	0	99.77279	0.227207	0.227207	0	-9999	10
1629.105	1629.438	961.4377	132.05	61.5	132.38	131.89	1.0735	97.3123	1.614196	1.614196	0	-9999	10
1629.11	1629.443	961.443	133.22	68.55	133.38	134.04	0	97.71073	2.289271	2.289271	0	-9999	10
1629.115	1629.448	961.4483	134.02	68.89	134.04	133.31	0	96.60966	3.390343	3.390343	0	-9999	10
1629.12	1629.454	961.4535	134.04	67.37	134.41	135.27	0	100	0	0	0	-9999	10
1629.125	1629.459	961.4588	134.03	64.87	134.35	134.15	0	100	0	0	0	-9999	10
1629.13	1629.464	961.4641	133.93	66.36	134.53	134.94	0	100	0	0	0	-9999	10
1629.135	1629.469	961.4694	129.95	76.69	130.52	132.59	0	95.72962	4.270383	4.270383	0	-9999	10
1629.14	1629.475	961.4746	130.46	71.69	130.82	130.74	0	91.22272	8.777282	8.777282	0	-9999	10
1629.145	1629.48	961.4799	130.43	58.18	130.88	132.88	2.43734	93.03417	4.528489	4.528489	0	-9999	10
1629.15	1629.485	961.4852	131.01	63.03	131.39	131.05	1.27254	93.92395	4.803505	4.803505	0	-9999	10
1629.155	1629.49	961.4905	129.92	69.46	130.53	133.31	0	96.34661	3.653386	3.653386	0	-9999	10
1629.16	1629.496	961.4958	130.45	65.61	130.88	133.8	0.77588	92.99447	6.229654	6.229654	0	-9999	10
1629.165	1629.501	961.501	129.15	59.06	129.65	131.11	3.01448	88.57157	8.413954	8.413954	0	-9999	10
1629.17	1629.506	961.5063	129.08	64.12	129.55	131.18	2.08686	87.69344	10.2197	10.2197	0	-9999	10
1629.175	1629.512	961.5116	128.95	68.6	128.88	127.98	5.3073	71.60319	23.08951	13.34762	9.741885	-9999	10
1629.18	1629.517	961.5169	127.3	60.18	127.37	128.18	7.77794	68.83231	23.38975	23.38975	0	-9999	10
1629.185	1629.522	961.5222	124.99	65.2	125.9	125.76	2.1783	81.69258	16.12912	16.12912	0	-9999	10
1629.19	1629.527	961.5274	125.27	65.05	125.68	126.43	5.832	70.43035	23.73765	15.04971	8.687943	-9999	10
1629.195	1629.533	961.5327	125.24	78.43	125.61	125.89	2.93164	70.24101	26.82735	26.82735	0	-9999	10
1629.2	1629.538	961.538	124.29	86.95	125.12	125.25	0	78.30971	21.69029	21.69029	0	-9999	10
1629.205	1629.543	961.5433	123.57	54.47	123.92	123.78	10.42136	62.32925	27.24939	13.99758	13.25182	26.24077	10
1629.21	1629.549	961.5485	126.76	42.53	127.2	127.78	9.67854	75.4325	14.88896	7.338768	7.550188	23.87374	10
1629.215	1629.554	961.5538	131.48	46.56	132.29	133.82	1.361356	91.15936	7.479285	7.479285	0	-9999	10
1629.22	1629.559	961.5591	133.83	68.03	134.43	134.94	0	100	0	0	0	-9999	10
1629.225	1629.564	961.5644	136.27	68.66	136.91	136.93	0	100	0	0	0	-9999	10
1629.23	1629.57	961.5697	135.79	73.01	136.29	138.02	0	100	0	0	0	-9999	10
1629.235	1629.575	961.5749	136.08	72.73	136.39	136.35	0	100	0	0	0	-9999	10
1629.24	1629.58	961.5802	137.6	81.52	137.5	137.54	0	100	0	0	0	-9999	10
1629.245	1629.585	961.5855	137.47	107.86	137.88	138.67	0	100	0	0	0	-9999	10
1629.25	1629.591	961.5908	135.37	114.54	136.69	137.65	0	100	0	0	0	-9999	10
1629.255	1629.596	961.5961	135.89	76.62	136.8	137.5	0	100	0	0	0	-9999	10
1629.26	1629.601	961.6013	137.04	77.54	137.82	139.53	0	100	0	0	0	-9999	10
1629.265	1629.607	961.6066	135.99	85.7	137.02	137.25	0	100	0	0	0	-9999	10
1629.27	1629.612	961.6119	135.6	87.81	136.98	139.22	0	100	0	0	0	-9999	10
1629.275	1629.617	961.6172	134.96	87.03	136.22	137.94	0	100	0	0	0	-9999	10
1629.28	1629.622	961.6224	135.85	81.53	137.1	140.29	0	100	0	0	0	-9999	10
1629.285	1629.628	961.6277	134.99	101.96	136.54	139.26	0	100	0	0	0	-9999	10
1629.29	1629.633	961.633	134.94	92.23	136.28	137.63	0	100	0	0	0	-9999	10
1629.295	1629.638	961.6383	134.96	74.13	135.94	140.18	0	100	0	0	0	-9999	10
1629.3	1629.644	961.6436	133.22	72.72	133.86	135.72	0	100	0	0	0	-9999	10
1629.305	1629.649	961.6488	133.41	68.73	134.21	137	0	100	0	0	0	-9999	10
1629.31	1629.654	961.6541	133.03	75.78	133.89	136.53	0	100	0	0	0	-9999	10
1629.315	1629.659	961.6594	132.14	89.12	133.32	136.39	0	100	0	0	0	-9999	10
1629.32	1629.665	961.6647	131.84	86.21	132.83	135.18	0	100	0	0	0	-9999	10

1629.325	1629.67	961.67	132.34	79.14	133.1	135.12	0	100	0	0	0	-9999	10
1629.33	1629.675	961.6752	132.09	68.02	132.6	135.87	0	100	0	0	0	-9999	10
1629.335	1629.681	961.6805	130.51	124.02	131.87	133.86	0	100	0	0	0	-9999	10
1629.34	1629.686	961.6858	127.33	116.96	128.66	131.61	0	100	0	0	0	-9999	10
1629.345	1629.691	961.6911	126.28	97.43	127.29	130.19	0	92.21017	7.789831	7.789831	0	-9999	10
1629.35	1629.696	961.6963	126.49	94.88	127.34	128.71	0	88.73275	11.26725	11.26725	0	-9999	10
1629.355	1629.702	961.7016	126.48	91.38	127.17	128.45	0	84.19407	15.80593	15.80593	0	-9999	10
1629.36	1629.707	961.7069	126.08	93.17	127.03	130.7	0	89.40957	10.59043	10.59043	0	-9999	10
1629.365	1629.712	961.7122	125.13	95.99	125.88	127.21	0	80.37868	19.62132	19.62132	0	-9999	10
1629.37	1629.717	961.7175	125.31	89.11	126.09	127.84	0	81.40739	18.59261	18.59261	0	-9999	10
1629.375	1629.723	961.7227	124.88	81.24	125.56	128.17	0.18032	76.65105	23.16863	23.16863	0	-9999	10
1629.38	1629.728	961.728	124.75	75.1	125.37	127.02	2.2508	74.26825	23.48095	23.48095	0	-9999	10
1629.385	1629.733	961.7333	123.68	80.75	124.59	127.8	0	77.33463	22.66537	22.66537	0	-9999	10
1629.39	1629.739	961.7386	121.4	79.42	122.26	124.13	2.42736	67.60006	29.97258	29.97258	0	-9999	10
1629.395	1629.744	961.7439	120.97	68.42	121.78	123.33	5.87246	64.35022	29.77732	29.77732	0	-9999	10
1629.4	1629.749	961.7491	119.29	85.65	120.47	123.09	0.3809	67.00604	32.61306	32.61306	0	-9999	10
1629.405	1629.754	961.7544	119.12	98.32	120.29	121.83	0	67.08742	32.91258	32.91258	0	-9999	10
1629.41	1629.76	961.7597	119.19	104.13	120.31	121.74	0	66.77809	33.22191	33.22191	0	-9999	10
1629.415	1629.765	961.765	118.85	102.25	119.66	121.27	0	59.82159	40.17841	40.17841	0	-9999	10
1629.42	1629.77	961.7702	121.26	89.48	121.91	122.13	1.74914	63.48829	34.76257	34.76257	0	-9999	10
1629.425	1629.776	961.7755	122.03	104.97	122.65	122.8	0	66.46806	33.53194	33.53194	0	-9999	10
1629.43	1629.781	961.7808	122.72	91.32	123.31	121.86	0.42566	67.25595	32.31839	32.31839	0	-9999	10
1629.435	1629.786	961.7861	123.43	91.6	124	123.2	0	69.3191	30.6809	30.6809	0	-9999	10
1629.44	1629.791	961.7914	122.83	79.63	123.65	124.49	1.37094	71.93036	26.6987	26.6987	0	-9999	10
1629.445	1629.797	961.7966	123.51	77.99	124.16	123.98	2.45972	70.5058	27.03448	27.03448	0	-9999	10
1629.45	1629.802	961.8019	124.44	76.62	125.11	125.89	1.78066	74.3774	23.84194	23.84194	0	-9999	10
1629.455	1629.807	961.8072	123	82.09	123.94	126.84	0	75.43066	24.56934	24.56934	0	-9999	10
1629.46	1629.812	961.8125	121.64	74.91	122.08	122.08	6.55298	59.42264	34.02438	22.20771	11.81667	-9999	10
1629.465	1629.818	961.8178	119.12	87.43	120.13	120.11	1.42404	63.35828	35.21768	35.21768	0	-9999	10
1629.47	1629.823	961.823	115.27	130.75	117.24	122.12	0	69.94001	30.05999	30.05999	0	-9999	10
1629.475	1629.828	961.8283	111.95	110.5	112.98	117.98	2.2825	45.45552	52.26198	52.26198	0	-9999	10
1629.48	1629.834	961.8336	111.41	79.86	111.49	111.59	17.55668	30.38959	52.05373	25.8222	26.23152	30.59026	10
1629.485	1629.839	961.8389	110.87	75.12	110.57	112.47	22.14556	24.7573	53.09714	34.68061	18.41653	30.67805	10
1629.49	1629.844	961.8441	109.98	76.43	110.14	112.12	19.08234	28.78402	52.13364	36.22541	15.90822	30.38494	10
1629.495	1629.849	961.8494	109.04	82	109.21	110.28	18.5217	27.81595	53.66235	32.71403	20.94832	30.70283	10
1629.5	1629.855	961.8547	110.59	81.6	111.29	114	13.085	36.49489	50.42011	35.38739	15.03273	29.82199	10
1629.505	1629.86	961.86	113.75	70.27	114.62	116.11	11.60216	44.79864	43.5992	22.20992	21.38928	29.05797	10
1629.51	1629.865	961.8653	115.87	69.16	116.46	117.65	12.09038	45.72304	42.18658	20.4058	21.78078	28.79008	10
1629.515	1629.871	961.8705	116.15	73.98	116.78	119.59	10.35634	47.3699	42.27376	29.46279	12.81097	28.44616	10
1629.52	1629.876	961.8758	116.18	83.99	116.82	116.53	7.82882	48.27911	43.89207	35.81459	8.077476	-9999	10
1629.525	1629.881	961.8811	117.26	69	118.09	119.67	8.9903	53.25806	37.75164	26.83305	10.91859	27.99864	10
1629.53	1629.886	961.8864	117.91	63.93	118.51	119.71	11.40174	50.80952	37.78874	26.79678	10.99196	28.04767	10
1629.535	1629.892	961.8916	117.9	56.31	118.14	119	16.04498	44.13868	39.81634	21.27786	18.53848	28.54951	10
1629.54	1629.897	961.8969	117.72	68.54	118.33	117.79	10.38342	50.77575	38.84083	24.72165	14.11918	28.49957	10
1629.545	1629.902	961.9022	119.34	52.68	119.72	119.66	14.51364	50.04979	35.43657	11.67403	23.76254	27.95168	10
1629.55	1629.907	961.9075	120.38	57.67	120.78	121	12.19426	53.68015	34.12559	14.93892	19.18667	27.5303	10
1629.555	1629.913	961.9128	120.14	69.78	120.83	121.21	7.23694	59.36547	33.39759	31.32303	2.074556	-9999	10
1629.56	1629.918	961.918	119.98	66.83	120.45	120.98	9.80304	54.47758	35.71938	17.11407	18.60531	27.66703	10
1629.565	1629.923	961.9233	121.71	66.6	121.81	121.27	11.1346	52.12919	36.73621	25.65815	11.07805	27.84472	10
1629.57	1629.929	961.9286	124.25	51.18	124.44	124.35	11.83194	60.69824	27.46982	20.89272	6.577092	26.21106	10
1629.575	1629.934	961.9339	129.34	63.35	130.12	129.9	0	98.28482	1.715184	1.715184	0	-9999	10
1629.58	1629.939	961.9392	131.55	82.15	132.8	133.94	0	100	0	0	0	-9999	10
1629.585	1629.944	961.9444	133.35	58.38	133.62	133.45	1.079225	98.33129	0.589484	0.589484	0	-9999	10
1629.59	1629.95	961.9497	132.9	114.39	134.06	133.74	0	100	0	0	0	-9999	10
1629.595	1629.955	961.955	132.77	88.82	133.79	135.35	0	100	0	0	0	-9999	10
1629.6	1629.96	961.9603	131.47	72.78	131.98	132.57	0	100	0	0	0	-9999	10
1629.605	1629.966	961.9655	130.8	66.97	131.05	129.92	1.51976	88.97328	9.506957	9.506957	0	-9999	10
1629.61	1629.971	961.9708	129.89	75.52	130.1	129.83	0.59786	84.20952	15.19262	15.19262	0	-9999	10
1629.615	1629.976	961.9761	129.85	78.3	130.15	130.02	0	86.98529	13.01471	13.01471	0	-9999	10
1629.62	1629.981	961.9814	127.67	87.26	128.66	130.94	0	97.69138	2.308616	2.308616	0	-9999	10
1629.625	1629.987	961.9867	126.38	106.76	127.72	129.29	0	100	0	0	0	-9999	10
1629.63	1629.992	961.9919	126.07	93.55	126.63	128.82	0	79.23059	20.76941	20.76941	0	-9999	10
1629.635	1629.997	961.9972	124.38	88.82	124.82	125.53	0.66596	69.51868	29.81536	29.81536	0	-9999	10
1629.64	1630.002	962.0025	122.74	98.8	123.41	126.09	0	69.58324	30.41676	30.41676	0	-9999	10
1629.645	1630.008	962.0078	122.63	111.68	123.27	126.49	0	69.409	30.591	30.591	0	-9999	10
1629.65	1630.013	962.0131	121.05	106.86	121.98	125.12	0	69.66238	30.33762	30.33762	0	-9999	10
1629.655	1630.018	962.0183	119.03	131.47	120.06	121.33	0	66.40837	33.59163	33.59163	0	-9999	10
1629.66	1630.024	962.0236	116.29	128.21	116.8	120.84	0	49.48507	50.51493	50.51493	0	-9999	10
1629.665	1630.029	962.0289	115.93	144.14	115.74	117.74	0	39.02832	60.97168	60.97168	0	-9999	10
1629.67	1630.034	962.0342	119.66	142.59	120.37	117.89	0	63.17139	36.82861	36.82861	0	-9999	10
1629.675	1630.039	962.0394	120.81	90.46	120.07	115.76	12.69848	35.35016	51.95136	39.24772	12.70364	30.68488	10
1629.68	1630.045	962.0447	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1630.025	1630.409	962.4089	123.21	145.7	123	123.57	0	55.08009	44.91991	44.91991	0	-9999	10

1630.03	1630.414	962.4142	128.01	98.41	128.53	128.57	0	86.66498	13.33502	13.33502	0	-9999	10
1630.035	1630.419	962.4195	127.88	103.2	128.85	129.96	0	99.244	0.756	0.756	0	-9999	10
1630.04	1630.425	962.4248	130.47	106.44	131.23	132.24	0	100	0	0	0	-9999	10
1630.045	1630.43	962.4301	131.36	111	132.28	134.2	0	100	0	0	0	-9999	10
1630.05	1630.435	962.4353	131.97	108.28	132.55	132.04	0	100	0	0	0	-9999	10
1630.055	1630.441	962.4406	130.18	110.64	130.43	129.21	0	89.09894	10.90106	10.90106	0	-9999	10
1630.06	1630.446	962.4459	129.82	104.21	130.3	131.18	0	94.15319	5.846812	5.846812	0	-9999	10
1630.065	1630.451	962.4512	129.95	105.41	130.35	132.88	0	92.36398	7.636021	7.636021	0	-9999	10
1630.07	1630.456	962.4564	130.6	93.12	131.2	133.47	0	100	0	0	0	-9999	10
1630.075	1630.462	962.4617	130.56	85.83	131.22	131.87	0	100	0	0	0	-9999	10
1630.08	1630.467	962.467	129.99	89.91	130.51	129.82	0	95.25138	4.748616	4.748616	0	-9999	10
1630.085	1630.472	962.4723	129.94	110.68	130.84	130.12	0	100	0	0	0	-9999	10
1630.09	1630.478	962.4776	131.36	97.39	131.79	130.5	0	99.63485	0.36515	0.36515	0	-9999	10
1630.095	1630.483	962.4828	129.7	101.64	130.23	129.63	0	94.95293	5.047065	5.047065	0	-9999	10
1630.1	1630.488	962.4881	129.1	100.06	130.05	131.43	0	100	0	0	0	-9999	10
1630.105	1630.493	962.4934	128.99	80.51	129.03	128.7	1.53578	75.74774	22.71648	22.71648	0	-9999	10
1630.11	1630.499	962.4987	128.47	96.68	129.22	130.39	0	95.31081	4.689187	4.689187	0	-9999	10
1630.115	1630.504	962.504	129.59	86.71	129.92	130.86	0	87.30597	12.69403	12.69403	0	-9999	10
1630.12	1630.509	962.5092	129.42	80.64	129.65	129.29	0	83.13157	16.86843	16.86843	0	-9999	10
1630.125	1630.515	962.5145	128.72	74.49	129.15	128.39	0.21852	85.59199	14.18949	14.18949	0	-9999	10
1630.13	1630.52	962.5198	128.5	68.71	128.59	128.45	4.45468	74.47669	21.06863	14.28919	6.779442	-9999	10
1630.135	1630.525	962.5251	131.47	73.71	132.04	133.54	0	100	0	0	0	-9999	10
1630.14	1630.53	962.5303	129.02	81.22	129.39	128.51	0	85.6053	14.3947	14.3947	0	-9999	10
1630.145	1630.536	962.5356	127.52	79.07	127.94	128.68	0.29166	80.4681	19.24024	19.24024	0	-9999	10
1630.15	1630.541	962.5409	128.15	81.45	128.65	129.2	0	85.56747	14.43253	14.43253	0	-9999	10
1630.155	1630.546	962.5462	126.88	78.17	127.47	128.76	0	82.34327	17.65673	17.65673	0	-9999	10
1630.16	1630.551	962.5515	126.3	94.11	126.69	127.45	0	75.7871	24.2129	24.2129	0	-9999	10
1630.165	1630.557	962.5567	128.59	98.3	129.15	130.33	0	90.41679	9.583208	9.583208	0	-9999	10
1630.17	1630.562	962.562	129.54	92.61	130.33	131.74	0	100	0	0	0	-9999	10
1630.175	1630.567	962.5673	130.88	80.96	131.43	131.09	0	100	0	0	0	-9999	10
1630.18	1630.573	962.5726	129.51	96.18	129.94	129.55	0	90.62435	9.375646	9.375646	0	-9999	10
1630.185	1630.578	962.5779	128.64	89.43	128.96	129.86	0	83.04998	16.95002	16.95002	0	-9999	10
1630.19	1630.583	962.5831	129.05	89.24	129.33	128.68	0	83.61577	16.38423	16.38423	0	-9999	10
1630.195	1630.588	962.5884	127.73	85.78	128.03	128.5	0	78.46857	21.53143	21.53143	0	-9999	10
1630.2	1630.594	962.5937	130.03	94.41	130.27	130.68	0	87.02417	12.97583	12.97583	0	-9999	10
1630.205	1630.599	962.599	130.22	93.2	130.43	132.8	0	86.85219	13.14781	13.14781	0	-9999	10
1630.21	1630.604	962.6042	129.69	96.42	129.9	132.16	0	84.75349	15.24651	15.24651	0	-9999	10
1630.215	1630.61	962.6095	128.95	112.15	129.33	131.74	0	87.68035	12.31965	12.31965	0	-9999	10
1630.22	1630.615	962.6148	130.83	93.72	130.67	129.45	0	77.84037	22.15963	22.15963	0	-9999	10
1630.225	1630.62	962.6201	130.15	71.96	130	129.39	4.01018	74.01876	21.97106	20.4673	1.503764	-9999	10
1630.23	1630.625	962.6254	129.17	76.19	129.47	129.41	0.40062	83.84433	15.75505	15.75505	0	-9999	10
1630.235	1630.631	962.6306	129.42	86.3	129.66	129.23	0	83.81369	16.18631	16.18631	0	-9999	10
1630.24	1630.636	962.6359	128.88	91.79	129.2	130.16	0	84.23559	15.76441	15.76441	0	-9999	10
1630.245	1630.641	962.6412	130.04	91.5	130.55	132.39	0	95.28808	4.711921	4.711921	0	-9999	10
1630.25	1630.646	962.6465	129.4	99.3	130.27	133.57	0	100	0	0	0	-9999	10
1630.255	1630.652	962.6518	128.93	97.18	129.48	132.61	0	91.61728	8.382723	8.382723	0	-9999	10
1630.26	1630.657	962.657	129.17	88.04	129.98	131.7	0	100	0	0	0	-9999	10
1630.265	1630.662	962.6623	127.97	90.44	128.63	128.15	0	89.92842	10.07158	10.07158	0	-9999	10
1630.27	1630.668	962.6676	127.92	95.51	128.46	129.57	0	86.63908	13.36092	13.36092	0	-9999	10
1630.275	1630.673	962.6729	127.46	96.18	127.82	127.88	0	79.7289	20.2711	20.2711	0	-9999	10
1630.28	1630.678	962.6781	127.63	93.34	128.14	127.29	0	84.38786	15.61214	15.61214	0	-9999	10
1630.285	1630.683	962.6834	127.42	93.24	127.78	125.81	0	79.36814	20.63186	20.63186	0	-9999	10
1630.29	1630.689	962.6887	127.71	105.16	128.55	128.47	0	94.82419	5.175812	5.175812	0	-9999	10
1630.295	1630.694	962.694	126.27	95.61	126.57	125.29	0	73.45241	26.54759	26.54759	0	-9999	10
1630.3	1630.699	962.6993	124.87	97.42	125.26	126.61	0	70.66724	29.33276	29.33276	0	-9999	10
1630.305	1630.705	962.7045	123.24	97.22	123.74	125.24	0	67.46036	32.53964	32.53964	0	-9999	10
1630.31	1630.71	962.7098	123.25	90.31	123.45	123.47	3.20498	60.37753	36.41749	34.9492	1.468288	-9999	10
1630.315	1630.715	962.7151	122.38	93.4	122.72	124.17	2.1726	60.89467	36.93273	36.93273	0	-9999	10
1630.32	1630.72	962.7204	121.64	100.09	121.67	121.94	3.63692	52.78383	43.57925	43.49068	0.088578	-9999	10
1630.325	1630.726	962.7257	120.95	89.75	121.06	120.94	6.154	51.81261	42.03339	42.03339	0	-9999	10
1630.33	1630.731	962.7309	121.16	87.58	121.35	120.89	5.86594	53.8152	40.31886	35.04709	5.271777	-9999	10
1630.335	1630.736	962.7362	119.86	83.86	119.82	118.94	9.74468	45.80074	44.45458	33.5496	10.90497	29.0726	10
1630.34	1630.741	962.7415	119.47	90.63	119.59	119.31	7.22514	48.21916	44.5557	44.5557	0	-9999	10
1630.345	1630.747	962.7468	118.97	94.47	118.61	117	10.47586	38.84947	50.67467	41.85894	8.815735	30.08974	10
1630.35	1630.752	962.752	117.33	117.03	116.96	116.51	6.60264	37.02683	56.37053	56.37053	0	-9999	10
1630.355	1630.757	962.7573	117.68	112.22	117.68	116.76	4.57716	43.40254	52.0203	52.0203	0	-9999	10
1630.36	1630.763	962.7626	118.82	97.68	119.13	119.98	4.64454	50.4455	44.90996	44.90996	0	-9999	10
1630.365	1630.768	962.7679	120.15	77.51	120.43	119.39	8.53458	52.0814	39.38402	32.85894	6.525076	28.399	10
1630.37	1630.773	962.7732	123.98	67	124.53	125.88	5.4619	69.17726	25.36084	25.36084	0	-9999	10
1630.375	1630.778	962.7784	127.19	90.35	127.92	130.39	0	88.33279	11.66721	11.66721	0	-9999	10
1630.38	1630.784	962.7837	128.31	113.93	129.25	131.35	0	100	0	0	0	-9999	10
1630.385	1630.789	962.789	128.72	111.64	129.63	131.65	0	100	0	0	0	-9999	10
1630.39	1630.794	962.7943	129.84	109.88	130.63	132.91	0	100	0	0	0	-9999	10

1630.395	1630.8	962.7996	130.75	101.1	131.41	131.78	0	100	0	0	0	-9999	10
1630.4	1630.805	962.8048	130.11	103.76	130.57	130.8	0	94.88352	5.11648	5.11648	0	-9999	10
1630.405	1630.81	962.8101	130.78	111.57	131.22	132.22	0	98.02774	1.972259	1.972259	0	-9999	10
1630.41	1630.815	962.8154	130.74	113.43	131.66	133.21	0	100	0	0	0	-9999	10
1630.415	1630.821	962.8207	131.54	115.01	132.19	132.98	0	100	0	0	0	-9999	10
1630.42	1630.826	962.8259	132.1	100.29	132.87	134.92	0	100	0	0	0	-9999	10
1630.425	1630.831	962.8312	132.74	103.97	133.33	133.9	0	100	0	0	0	-9999	10
1630.43	1630.837	962.8365	133.22	101.64	133.94	135	0	100	0	0	0	-9999	10
1630.435	1630.842	962.8418	132.92	98.96	133.83	135.11	0	100	0	0	0	-9999	10
1630.44	1630.847	962.8471	131.78	106.1	132.67	132.08	0	100	0	0	0	-9999	10
1630.445	1630.852	962.8523	132.49	100.89	133.45	134.68	0	100	0	0	0	-9999	10
1630.45	1630.858	962.8576	132.2	104.26	133.18	133.04	0	100	0	0	0	-9999	10
1630.455	1630.863	962.8629	131.4	102.62	131.9	132.45	0	100	0	0	0	-9999	10
1630.46	1630.868	962.8682	130.86	108.72	131.35	132.19	0	99.8612	0.138802	0.138802	0	-9999	10
1630.465	1630.873	962.8735	130.01	100.6	130.59	131.48	0	97.95401	2.045993	2.045993	0	-9999	10
1630.47	1630.879	962.8787	129.32	100.93	129.96	130.57	0	96.43888	3.561117	3.561117	0	-9999	10
1630.475	1630.884	962.884	127.94	107.61	128.64	129.33	0	92.08954	7.91046	7.91046	0	-9999	10
1630.48	1630.889	962.8893	128.04	107.91	128.85	128.83	0	95.73702	4.262977	4.262977	0	-9999	10
1630.485	1630.895	962.8946	127.69	108.66	128.35	127.86	0	89.88169	10.11831	10.11831	0	-9999	10
1630.49	1630.9	962.8998	126.86	105.42	127.49	127.51	0	85.17371	14.82629	14.82629	0	-9999	10
1630.495	1630.905	962.9051	127.67	107.77	128.63	128.61	0	98.21991	1.780094	1.780094	0	-9999	10
1630.5	1630.91	962.9104	128.02	92.65	128.7	129.57	0	90.87933	9.120672	9.120672	0	-9999	10
1630.505	1630.916	962.9157	128.67	70.06	128.98	129	2.26658	81.57993	16.15349	16.15349	0	-9999	10
1630.51	1630.921	962.921	129.47	100.88	130.74	131.45	0	100	0	0	0	-9999	10
1630.515	1630.926	962.9262	131.23	90.06	131.51	130.86	0	93.5281	6.471897	6.471897	0	-9999	10
1630.52	1630.932	962.9315	131.33	84.39	131.76	132.62	0	98.60587	1.394128	1.394128	0	-9999	10
1630.525	1630.937	962.9368	130	95.12	130.26	130.83	0	87.5575	12.4425	12.4425	0	-9999	10
1630.53	1630.942	962.9421	128.9	96.36	129.29	129.27	0	86.68911	13.31089	13.31089	0	-9999	10
1630.535	1630.947	962.9473	129.37	99.18	129.94	129.68	0	94.4307	5.569303	5.569303	0	-9999	10
1630.54	1630.953	962.9526	129.68	93.94	130.22	130.39	0	94.64574	5.35426	5.35426	0	-9999	10
1630.545	1630.958	962.9579	129.94	98.96	130.39	129.27	0	93.43661	6.563394	6.563394	0	-9999	10
1630.55	1630.963	962.9632	130.25	86.9	130.79	132.5	0	96.95471	3.045287	3.045287	0	-9999	10
1630.555	1630.968	962.9685	130.25	95.62	130.59	131.94	0	91.22295	8.777047	8.777047	0	-9999	10
1630.56	1630.974	962.9737	130.03	81.62	130.45	129.27	0	91.75608	8.243922	8.243922	0	-9999	10
1630.565	1630.979	962.979	129.66	89.05	130.11	129.42	0	91.45033	8.549671	8.549671	0	-9999	10
1630.57	1630.984	962.9843	129.98	86.58	130.59	132.04	0	97.80164	2.198363	2.198363	0	-9999	10
1630.575	1630.99	962.9896	129.51	80.14	130.21	129.8	0	97.81579	2.184213	2.184213	0	-9999	10
1630.58	1630.995	962.9949	129.22	87.1	129.81	130.55	0	93.50449	6.495513	6.495513	0	-9999	10
1630.585	1631	963.0001	128.57	93.75	129.35	130.62	0	96.48412	3.515879	3.515879	0	-9999	10
1630.59	1631.005	963.0054	129.18	94.7	129.76	128.57	0	93.52469	6.475306	6.475306	0	-9999	10
1630.595	1631.011	963.0107	128.37	103.07	128.96	129.16	0	90.60354	9.396459	9.396459	0	-9999	10
1630.6	1631.016	963.016	127.91	111.34	128.51	128.27	0	89.36127	10.63873	10.63873	0	-9999	10
1630.605	1631.021	963.0212	128	112.14	128.37	127.92	0	83.31081	16.68919	16.68919	0	-9999	10
1630.61	1631.027	963.0265	128.03	101.54	128.65	130.05	0	89.81092	10.18908	10.18908	0	-9999	10
1630.615	1631.032	963.0318	127.45	85.14	128.12	129.51	0	87.49186	12.50814	12.50814	0	-9999	10
1630.62	1631.037	963.0371	127.45	84.46	128.06	128.57	0	85.781	14.219	14.219	0	-9999	10
1630.625	1631.042	963.0424	127.21	78.5	127.55	127.55	1.3348	76.98589	21.67931	21.67931	0	-9999	10
1630.63	1631.048	963.0476	126.28	88.84	126.8	127.39	0	78.72508	21.27492	21.27492	0	-9999	10
1630.635	1631.053	963.0529	126.33	83.75	126.96	129.09	0	81.4604	18.5396	18.5396	0	-9999	10
1630.64	1631.058	963.0582	125.65	80.55	126.18	127.48	0.8014	75.91435	23.28425	23.28425	0	-9999	10
1630.645	1631.063	963.0635	125.21	88.35	125.92	127.72	0	79.19439	20.80561	20.80561	0	-9999	10
1630.65	1631.069	963.0688	124.28	94.37	125.17	127.21	0	80.20698	19.79302	19.79302	0	-9999	10
1630.655	1631.074	963.074	124.18	83.16	124.68	125.39	1.75468	69.82682	28.4185	28.4185	0	-9999	10
1630.66	1631.079	963.0793	123.41	94.58	124	124.31	0	69.90126	30.09874	30.09874	0	-9999	10
1630.665	1631.085	963.0846	122.82	86.74	123.19	123.12	3.14702	62.48846	34.36452	34.36452	0	-9999	10
1630.67	1631.09	963.0899	119.73	86.2	120.24	121.11	5.0355	55.81387	39.15063	31.07825	8.072381	-9999	10
1630.675	1631.095	963.0951	119.1	74.6	119.27	118.47	11.0573	47.11035	41.83235	21.91982	19.91253	28.80698	10
1630.68	1631.1	963.1004	116.7	77.69	116.5	116.34	15.38502	35.85147	48.76351	40.58595	8.177559	29.88815	10
1630.685	1631.106	963.1057	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1631.02	1631.459	963.4594	117.88	76.63	118.56	120.94	7.73594	52.96081	39.30325	38.56017	0.743073	-9999	10
1631.025	1631.465	963.4646	122.19	86.5	122.76	123.26	2.2347	64.69835	33.06695	33.06695	0	-9999	10
1631.03	1631.47	963.4699	120.8	93.17	121.39	121.96	1.74436	61.05643	37.19921	37.19921	0	-9999	10
1631.035	1631.475	963.4752	120.45	79.03	120.78	120.74	7.50324	53.97443	38.52233	38.52233	0	-9999	10
1631.04	1631.48	963.4805	122.77	64.3	122.97	122.37	9.941	57.14489	32.91411	16.05334	16.86077	27.17641	10
1631.045	1631.486	963.4858	126.57	89.61	127.13	128.33	0	81.01304	18.98696	18.98696	0	-9999	10
1631.05	1631.491	963.491	127.72	77.76	127.92	126.04	2.12968	75.12856	22.74176	22.74176	0	-9999	10
1631.055	1631.496	963.4963	127.75	81.2	127.82	124.94	2.2771	71.90705	25.81585	25.81585	0	-9999	10
1631.06	1631.502	963.5016	127.18	82.84	127.52	126.8	0.31212	77.1594	22.52848	22.52848	0	-9999	10
1631.065	1631.507	963.5069	127.23	91.78	127.62	125.84	0	79.31557	20.68443	20.68443	0	-9999	10
1631.07	1631.512	963.5121	126.16	112.98	127.42	126.94	0	99.36669	0.633313	0.633313	0	-9999	10
1631.075	1631.517	963.5174	127.17	69.53	127.75	127.11	1.68234	82.72964	15.58802	15.58802	0	-9999	10
1631.08	1631.523	963.5227	127.3	63.31	127.54	126.76	5.70298	73.61355	20.68347	15.92435	4.759121	-9999	10
1631.085	1631.528	963.528	125.78	82.5	125.89	125.24	3.4649	66.00667	30.52843	27.94281	2.585617	-9999	10

1631.09	1631.533	963.5333	124.49	103.09	125	125.39	0	72.53783	27.46217	27.46217	0	-9999	10
1631.095	1631.539	963.5385	124.44	83.41	124.83	125.18	2.30748	68.18815	29.50437	29.50437	0	-9999	10
1631.1	1631.544	963.5438	123.63	78.02	124.03	125.24	4.27956	65.25027	30.47017	30.47017	0	-9999	10
1631.105	1631.549	963.5491	124.1	109.01	124.86	125.56	0	77.38253	22.61747	22.61747	0	-9999	10
1631.11	1631.554	963.5544	123.85	107.27	124.53	125.65	0	74.43416	25.56584	25.56584	0	-9999	10
1631.115	1631.56	963.5597	125.09	98.69	125.39	123.35	0	69.36339	30.63661	30.63661	0	-9999	10
1631.12	1631.565	963.5649	124.4	115.89	124.54	123.39	0	64.39407	35.60593	35.60593	0	-9999	10
1631.125	1631.57	963.5702	123.89	110.48	124.57	124.71	0	74.80138	25.19862	25.19862	0	-9999	10
1631.13	1631.575	963.5755	123.36	115.06	123.9	126.24	0	69.97847	30.02153	30.02153	0	-9999	10
1631.135	1631.581	963.5808	122.76	96.67	123.09	123.94	1.10916	62.09981	36.79103	36.79103	0	-9999	10
1631.14	1631.586	963.586	122.31	97.73	122.88	124.59	0	65.85874	34.14126	34.14126	0	-9999	10
1631.145	1631.591	963.5913	122.42	112.1	122.98	123.53	0	66.98469	33.01531	33.01531	0	-9999	10
1631.15	1631.597	963.5966	122.31	94.17	122.54	121.39	2.90316	58.40885	38.68799	38.68799	0	-9999	10
1631.155	1631.602	963.6019	122.36	85.7	122.35	121.65	6.7669	52.95905	40.27405	40.27405	0	-9999	10
1631.16	1631.607	963.6072	121.76	91.13	122.08	119.71	3.44734	58.41977	38.13289	38.13289	0	-9999	10
1631.165	1631.612	963.6124	120.85	91.96	121.32	121.39	2.92118	58.75105	38.32777	38.32777	0	-9999	10
1631.17	1631.618	963.6177	120.38	90.64	120.67	118.76	5.06802	53.79352	41.13846	31.46741	9.671054	-9999	10
1631.175	1631.623	963.623	119.29	93.16	119.69	119.76	4.60848	53.0106	42.38092	42.38092	0	-9999	10
1631.18	1631.628	963.6283	117.79	102.82	118.33	117.67	2.56576	52.08503	45.34921	45.34921	0	-9999	10
1631.185	1631.634	963.6336	117	92.31	117.35	119.49	7.30848	46.22094	46.47058	35.88359	10.587	-9999	10
1631.19	1631.639	963.6388	115.82	103.22	116.24	112.59	5.21136	45.28005	49.50859	42.44694	7.061651	-9999	10
1631.195	1631.644	963.6441	113.94	127.39	114.02	109.5	3.72682	38.04777	58.22541	58.22541	0	-9999	10
1631.2	1631.649	963.6494	111.22	154.03	111.57	112.76	0	38.34213	61.65787	61.65787	0	-9999	10
1631.205	1631.655	963.6547	108.81	160.87	107.87	104.29	8.24926	21.26925	70.48149	52.56038	17.92111	32.97378	10
1631.21	1631.66	963.6599	108	137.24	107.75	103.26	9.36542	25.75046	64.88412	46.86134	18.02279	32.6228	10
1631.215	1631.665	963.6652	109.45	103.14	109.91	111.15	10.78112	33.08914	56.12974	49.75138	6.378362	30.69245	10
1631.22	1631.671	963.6705	113.11	99.02	114.42	116.35	1.82346	51.32255	46.85399	46.85399	0	-9999	10
1631.225	1631.676	963.6758	120.64	81.01	121.57	122.94	2.19928	66.48799	31.31273	31.31273	0	-9999	10
1631.23	1631.681	963.6811	126.75	100.14	127.88	127.35	0	97.90481	2.095191	2.095191	0	-9999	10
1631.235	1631.686	963.6863	128.21	83.35	128.27	127.18	1.4111	73.50374	25.08516	25.08516	0	-9999	10
1631.24	1631.692	963.6916	127.11	94.92	127.59	127.19	0	81.47255	18.52745	18.52745	0	-9999	10
1631.245	1631.697	963.6969	128.27	89.88	128.49	128.47	0	78.68399	21.31601	21.31601	0	-9999	10
1631.25	1631.702	963.7022	128.1	89.39	128.53	128.47	0	83.89438	16.10562	16.10562	0	-9999	10
1631.255	1631.707	963.7075	129.53	95.88	129.89	131.33	0	88.56718	11.43282	11.43282	0	-9999	10
1631.26	1631.713	963.7127	129.91	111.91	130.45	130.35	0	96.97261	3.027387	3.027387	0	-9999	10
1631.265	1631.718	963.718	128.98	91.53	129.35	129.12	0	86.12516	13.87484	13.87484	0	-9999	10
1631.27	1631.723	963.7233	127.03	84.64	127.44	129.06	0	78.56342	21.43658	21.43658	0	-9999	10
1631.275	1631.729	963.7286	126.41	84.48	126.78	125.88	0.39114	75.04408	24.56478	24.56478	0	-9999	10
1631.28	1631.734	963.7338	126.62	83.45	126.89	125.47	1.2222	73.17105	25.60675	25.60675	0	-9999	10
1631.285	1631.739	963.7391	126.48	92.16	126.55	124.41	0.79318	68.06772	31.1391	31.1391	0	-9999	10
1631.29	1631.744	963.7444	126.55	97.92	126.24	124.35	2.27986	58.99641	38.72373	38.72373	0	-9999	10
1631.295	1631.75	963.7497	127.69	121.79	126.97	122.59	0	53.28106	46.71894	46.71894	0	-9999	10
1631.3	1631.755	963.755	128.37	150.34	126.82	121.89	0	34.97363	65.02637	65.02637	0	-9999	10
1631.305	1631.76	963.7602	125.8	113.73	125.36	123.06	0.15134	54.68364	45.16502	45.16502	0	-9999	10
1631.31	1631.766	963.7655	124.83	94.12	124.95	120.59	1.44936	63.85333	34.69731	34.69731	0	-9999	10
1631.315	1631.771	963.7708	125.67	91.84	126.05	123.22	0	72.98205	27.01795	27.01795	0	-9999	10
1631.32	1631.776	963.7761	125.54	90.93	125.35	122.82	3.97064	58.44567	37.58369	31.83675	5.746938	-9999	10
1631.325	1631.781	963.7814	123.96	93.6	124.49	122.71	0	70.43635	29.56365	29.56365	0	-9999	10
1631.33	1631.787	963.7866	123.03	83.39	123.26	120.89	4.84952	59.88247	35.26801	35.26801	0	-9999	10
1631.335	1631.792	963.7919	121.95	85.56	122.33	119.41	4.15548	59.86553	35.97899	35.97899	0	-9999	10
1631.34	1631.797	963.7972	122.07	88.99	122.2	118.71	5.15252	55.27064	39.57684	33.02512	6.551718	-9999	10
1631.345	1631.802	963.8025	120.94	76.95	120.83	119.22	10.9658	46.65185	42.38235	33.46118	8.921173	28.85166	10
1631.35	1631.808	963.8077	120.52	74.48	120.41	119.94	11.94994	45.45734	42.59272	21.41504	21.17768	28.73481	10
1631.355	1631.813	963.813	120.15	88.72	120.12	118.65	8.22426	47.01815	44.75759	31.97453	12.78305	29.1715	10
1631.36	1631.818	963.8183	120.81	84.95	120.7	120.48	9.1494	46.87142	43.97918	43.97918	0	28.7852	10
1631.365	1631.824	963.8236	117.68	104.23	117.58	116.04	7.28574	41.2184	51.49586	46.40576	5.090103	-9999	10
1631.37	1631.829	963.8289	116.93	101.24	116.7	114.47	9.70682	37.41626	52.87692	43.45609	9.420829	30.59379	10
1631.375	1631.834	963.8341	113.3	98.15	112.48	110.11	18.3667	23.19064	58.44266	43.76836	14.6743	31.70301	10
1631.38	1631.839	963.8394	110.85	94.58	109.42	108.06	26.21214	13.35957	60.42829	25.52533	34.90296	32.35756	10
1631.385	1631.845	963.8447	110.49	91.53	109.51	107.53	23.79394	17.76327	58.44279	44.44575	13.99704	32.04711	10
1631.39	1631.85	963.85	110.85	99.15	109.85	107.83	21.7737	18.41029	59.81601	32.86688	26.94913	32.02675	10
1631.395	1631.855	963.8553	115.49	136.06	113.28	110.51	17.95018	9.544237	72.50558	48.49436	24.01122	33.30389	10
1631.4	1631.861	963.8605	118.95	105.83	116.84	113.53	21.30764	10.65983	68.03253	49.17266	18.85987	33.1376	10
1631.405	1631.866	963.8658	122.39	142.39	120.79	118.22	5.34282	24.98914	69.66804	68.6085	1.059535	-9999	10
1631.41	1631.871	963.8711	123.78	154.44	122.4	118.94	0	32.05312	67.94688	67.94688	0	-9999	10
1631.415	1631.876	963.8764	124.79	171.55	122.65	119.35	0.2631	18.36644	81.37046	81.37046	0	-9999	10
1631.42	1631.882	963.8816	125.24	131.2	123.53	120.78	6.2813	25.3774	68.3413	60.95901	7.382284	-9999	10
1631.425	1631.887	963.8869	123.83	111.97	123.01	120.82	5.33466	41.14731	53.51803	52.41264	1.105396	-9999	10
1631.43	1631.892	963.8922	123.4	114.47	124.02	121.06	0	71.88677	28.11323	28.11323	0	-9999	10
1631.435	1631.897	963.8975	125	87.27	124.91	121.61	4.57816	58.95319	36.46865	36.46865	0	-9999	10
1631.44	1631.903	963.9028	124.18	80.4	124	124.06	7.6926	53.9964	38.311	32.39694	5.914065	-9999	10
1631.445	1631.908	963.908	124.3	77.97	124.31	123.41	6.69776	58.51653	34.78571	29.68163	5.104081	-9999	10
1631.45	1631.913	963.9133	125.68	122.64	124.66	121.83	2.60052	41.19943	56.20005	56.20005	0	-9999	10

1631.455	1631.919	963.9186	127.03	132.12	125.22	122.06	5.18686	25.32538	69.48776	69.48776	0	-9999	10
1631.46	1631.924	963.9239	126.35	144.22	124.66	121.06	1.95426	28.12295	69.92279	69.92279	0	-9999	10
1631.465	1631.929	963.9292	124.82	158.54	123.47	118.72	0	34.57158	65.42842	65.42842	0	-9999	10
1631.47	1631.934	963.9344	123.81	148.17	122.35	118.82	1.55266	30.00494	68.4424	68.4424	0	-9999	10
1631.475	1631.94	963.9397	123.42	172.57	121.27	116.47	1.35416	17.25894	81.3869	81.3869	0	-9999	10
1631.48	1631.945	963.945	122.31	152.88	120.98	117.39	0.78534	30.81939	68.39527	68.39527	0	-9999	10
1631.485	1631.95	963.9503	123.16	163.17	121.31	116.65	1.54316	22.33565	76.12119	76.12119	0	-9999	10
1631.49	1631.956	963.9555	120.93	154.21	119.76	116.35	0.49308	31.92474	67.58218	67.58218	0	-9999	10
1631.495	1631.961	963.9608	121.5	156.15	119.37	116	6.9392	15.26343	77.79737	64.58089	13.21648	-9999	10
1631.5	1631.966	963.9661	120.1	138.82	118.98	115	4.59356	30.56482	64.84162	62.42598	2.415642	-9999	10
1631.505	1631.971	963.9714	119.74	104.57	118.92	116.94	10.88826	32.95606	56.15568	49.16274	6.992946	30.80321	10
1631.51	1631.977	963.9767	118.66	91.87	118.04	116.88	13.40526	33.6579	52.93684	34.93178	18.00506	30.38139	10
1631.515	1631.982	963.9819	119.14	78.56	118.28	115.94	18.04468	29.51822	52.4371	27.50971	24.92739	30.75236	10
1631.52	1631.987	963.9872	121.51	63.77	121.08	121.35	16.11096	40.88738	43.00166	23.01124	19.99042	28.74979	10
1631.525	1631.992	963.9925	127.17	73.64	126.28	125.17	12.08022	44.34158	43.5782	31.0831	12.4951	28.27085	10
1631.53	1631.998	963.9978	132.11	77.1	131.36	128.9	5.6131	62.40644	31.98046	31.98046	0	-9999	10
1631.535	1632.003	964.003	132	98.33	131.54	130.2	0	72.97522	27.02478	27.02478	0	-9999	10
1631.54	1632.008	964.0083	132.26	121.38	131.11	128.93	0	52.84732	47.15268	47.15268	0	-9999	10
1631.545	1632.014	964.0136	131.19	129.2	129.88	124.82	0	45.75714	54.24286	54.24286	0	-9999	10
1631.55	1632.019	964.0189	131.24	134.89	130.03	124.91	0	49.3039	50.6961	50.6961	0	-9999	10
1631.555	1632.024	964.0242	128.88	139.33	128.56	125.35	0	68.96867	31.03133	31.03133	0	-9999	10
1631.56	1632.029	964.0294	127.78	91.97	127.4	127.29	3.13066	60.54529	36.32405	36.32405	0	-9999	10
1631.565	1632.035	964.0347	126.27	114.89	124.95	125.37	6.25822	34.7326	59.00918	45.58805	13.42113	-9999	10
1631.57	1632.04	964.04	118.33	240.3	120.3	105.45	0	88.76097	11.23903	11.23903	0	-9999	7
1631.575	1632.045	964.0453	105.22	336.79	104.51	93.24	0	32.07065	67.92935	67.92935	0	-9999	7
1631.58	1632.051	964.0506	103.04	253.69	104.89	87.45	0	45.57413	54.42587	54.42587	0	-9999	7
1631.585	1632.056	964.0558	101.09	232.15	101.88	90.26	0	32.58749	67.41251	67.41251	0	-9999	7
1631.59	1632.061	964.0611	109.57	253	110.63	113.47	0	50.26126	49.73874	49.73874	0	-9999	7
1631.595	1632.066	964.0664	105.2	163.59	104.65	106.05	7.88972	21.73208	70.3782	61.51694	8.861265	-9999	7
1631.6	1632.072	964.0717	95.35	186.9	93.1	87.61	24.4857	7.476664	68.03764	33.58113	34.4565	32.31503	7
1631.605	1632.077	964.0769	91.67	111.55	89.24	85.22	47.501	1.190499	51.3085	25.74506	25.56344	33.81251	7
1631.61	1632.082	964.0822	94.63	113.09	93.35	84.6	35.49262	7.018893	57.48849	30.15144	27.33705	33.67344	7
1631.615	1632.088	964.0875	94.94	126.23	92.61	86.61	40.16504	2.946013	56.88895	24.4681	32.42085	33.52517	7
1631.62	1632.093	964.0928	94.19	195.33	90.88	83.26	31.72784	3.18432	65.08784	42.78598	22.30186	32.6245	7
1631.625	1632.098	964.0981	93.39	108.31	92.78	91.02	32.59768	9.380682	58.02164	32.31367	25.70797	32.15849	7
1631.63	1632.103	964.1033	90.87	124.43	91.39	90.69	22.25754	14.14286	63.5996	40.79143	22.80817	31.64592	7
1631.635	1632.109	964.1086	92.86	198.86	93.69	82.2	0.01218	22.13324	77.85458	77.85458	0	-9999	7
1631.64	1632.114	964.1139	91.24	101.9	90.04	84	40.6994	5.442642	53.85796	25.38779	28.47016	33.46143	7
1631.645	1632.119	964.1192	87.81	99.72	86.63	84.65	44.22756	4.330732	51.44171	19.11101	32.3307	32.84843	7
1631.65	1632.124	964.1245	86.94	75.52	85.77	85.38	50.80686	2.492303	46.70084	18.70794	27.9929	33.6378	7
1631.655	1632.13	964.1297	89.55	95.84	88.39	87.34	43.41072	4.654027	51.93525	24.91386	27.02139	32.75762	7
1631.66	1632.135	964.135	87.12	104.77	85.08	84.67	50.30526	1.64268	48.05206	33.41169	14.64037	33.1726	7
1631.665	1632.14	964.1403	88.88	94.53	86.19	83.63	56.20164	0	43.79836	25.15307	18.64529	33.35846	7
1631.67	1632.146	964.1456	87.18	79.88	84.91	80.27	58.05594	0	41.94406	24.37995	17.56411	34.53486	7
1631.675	1632.151	964.1508	84.66	72.29	82.69	80.71	59.88612	0	40.11388	11.30763	28.80625	34.45769	7
1631.68	1632.156	964.1561	87.11	109.41	86.14	78.57	40.89908	5.50385	53.59707	24.30709	29.28998	33.40199	7
1631.685	1632.161	964.1614	90.2	127.01	89.6	81.74	30.92958	9.198837	59.87158	37.03599	22.83559	32.91263	7
1631.69	1632.167	964.1667	87.91	84.05	87.46	82.53	42.2702	5.909652	51.82015	33.302	18.51815	33.40347	7
1631.695	1632.172	964.172	86.29	53.15	86.18	84.41	48.6034	4.333816	47.06278	27.69696	19.36582	33.85419	7
1631.7	1632.177	964.1772	78.21	16.53	78.25	78.38	63.73654	0	36.26346	6.466481	29.79698	35.33426	7
1631.705	1632.183	964.1825	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1632.035	1632.529	964.5287	124.62	66.01	125.53	124.79	2.32268	80.18386	17.49346	17.49346	0	-9999	7
1632.04	1632.534	964.5337	121.95	60.93	121.85	121.2	13.83594	48.33532	37.82874	15.37288	22.45586	28.06186	7
1632.045	1632.539	964.5387	126.9	75.21	126.71	127.13	6.52368	61.62815	31.84817	29.97277	1.875401	-9999	7
1632.05	1632.544	964.5436	124.01	99.5	124.61	127.45	0	72.6445	27.3555	27.3555	0	-9999	7
1632.055	1632.549	964.5486	125.79	122.08	125.73	121.75	0	64.50236	35.49764	35.49764	0	-9999	7
1632.06	1632.554	964.5536	127.9	138.56	127.48	126.98	0	62.98756	37.01244	37.01244	0	-9999	7
1632.065	1632.559	964.5586	125.9	93.48	126.39	125.59	0	76.75371	23.24629	23.24629	0	-9999	7
1632.07	1632.564	964.5635	129.17	99.44	128.65	128.35	1.12912	61.52683	37.34405	37.34405	0	-9999	7
1632.075	1632.569	964.5685	131.96	62.76	132.07	128.28	2.55638	89.45301	7.990606	7.990606	0	-9999	7
1632.08	1632.573	964.5735	133.36	136.25	132.24	127	0	57.85182	42.14818	42.14818	0	-9999	7
1632.085	1632.578	964.5784	125.65	106.99	125.39	124.67	0.52542	58.1622	41.31238	41.31238	0	-9999	7
1632.09	1632.583	964.5834	123.4	97.69	122.76	123.67	7.79102	43.10796	49.10102	38.91938	10.18164	-9999	7
1632.095	1632.588	964.5884	123.36	85.81	122.76	123.47	10.39278	43.06657	46.54065	26.04556	20.49509	28.72594	7
1632.1	1632.593	964.5934	120.51	95.61	119.24	117.98	15.83568	25.56872	58.5956	35.35011	23.2455	31.12163	7
1632.105	1632.598	964.5983	119.85	128.33	118.89	116.39	6.12214	32.28573	61.59213	57.16824	4.423895	-9999	7
1632.11	1632.603	964.6033	113.86	94.82	114.08	112.21	10.59736	37.62129	51.78135	29.91432	21.86703	30.57715	7
1632.115	1632.608	964.6083	112.02	55.81	111.86	112.39	24.67558	26.81214	48.51228	17.72635	30.78594	30.62391	7
1632.12	1632.613	964.6133	109.8	48.6	109.44	110.5	30.0128	20.86863	49.11857	35.04638	14.07219	31.25519	7
1632.125	1632.618	964.6182	106.65	42.74	105.67	105.92	39.13392	11.04858	49.8175	27.18744	22.63005	32.86253	7
1632.13	1632.623	964.6232	104.86	39.06	104.04	104.21	40.43128	10.74499	48.82373	27.25664	21.56708	32.99759	7
1632.135	1632.628	964.6282	106.79	62.67	104.78	103	42.16456	3.363116	54.47232	19.72759	34.74474	34.14888	7
1632.14	1632.633	964.6332	106.96	61.79	106.35	105.04	31.37112	16.0175	52.61138	19.81988	32.7915	32.19202	7

1632.145	1632.638	964.6381	106.29	94.73	105.68	103.86	24.01604	17.5871	58.39686	33.77427	24.62259	31.99668	7
1632.15	1632.643	964.6431	100.37	55.84	99.25	96.16	42.82632	6.655219	50.51846	30.63192	19.88654	33.9277	7
1632.155	1632.648	964.6481	101.66	66.86	100.63	95.27	38.27518	8.755649	52.96917	33.83493	19.13424	33.78248	7
1632.16	1632.653	964.6531	102.31	53.76	101.9	99.92	36.04238	12.84902	51.1086	37.17712	13.93148	32.78309	7
1632.165	1632.658	964.658	103	60.61	102.2	101	36.77238	10.92109	52.30653	35.14937	17.15715	32.81735	7
1632.17	1632.663	964.663	102.49	77.43	100.85	98.21	39.68114	5.585251	54.73361	34.8201	19.91351	33.60473	7
1632.175	1632.668	964.668	102.2	25.61	102.1	101.62	40.55338	13.18193	46.26469	15.55387	30.71082	32.95109	7
1632.18	1632.673	964.6729	103.28	17.73	103.52	102.89	38.83174	16.46789	44.70037	14.29527	30.40509	32.59816	7
1632.185	1632.678	964.6779	105.6	16.87	105.84	106.21	36.90546	19.27209	43.82245	17.19826	26.62419	31.99895	7
1632.19	1632.683	964.6829	108.43	25.52	108.17	107.21	36.08356	18.639	45.27744	13.28178	31.99566	32.18632	7
1632.195	1632.688	964.6879	110.06	35.53	109.39	109.39	35.33904	16.91779	47.74317	24.09696	23.64621	32.10013	7
1632.2	1632.693	964.6928	110.39	49.46	109.43	109.21	33.91188	15.04408	51.04404	27.12254	23.92151	32.2284	7
1632.205	1632.698	964.6978	109.59	55.61	109.61	109.35	25.56458	25.22053	49.21489	21.27093	27.94396	31.00398	7
1632.21	1632.703	964.7028	109.15	69.46	109.44	109.04	20.52518	28.44313	51.03169	36.97858	14.05311	30.80786	7
1632.215	1632.708	964.7078	110.12	60.4	109.7	108.98	27.3278	21.41299	51.25921	26.46736	24.79185	31.46227	7
1632.22	1632.713	964.7127	110.97	58.82	110.59	109.33	26.61816	22.86857	50.51327	28.61897	21.8943	31.39389	7
1632.225	1632.718	964.7177	112.26	48.51	111.47	110.77	31.10388	18.95754	49.93858	34.3299	15.60868	31.77564	7
1632.23	1632.723	964.7227	111.39	67.6	110.63	108.86	27.052	19.58545	53.36255	25.60838	27.75417	31.81893	7
1632.235	1632.728	964.7277	109.47	86.39	107.06	105.67	37.05872	2.069592	60.87169	36.01118	24.86051	33.81781	7
1632.24	1632.733	964.7326	110.89	102.5	108.65	105.39	30.5362	5.246015	64.21778	32.66536	31.55242	33.56436	7
1632.245	1632.738	964.7376	108.78	99.74	106.23	103.7	35.54782	1.520167	62.93201	29.12072	33.8113	33.90463	7
1632.25	1632.743	964.7426	109.94	94.16	107.78	106.09	32.80848	5.19205	61.99947	27.74065	34.25882	33.33561	7
1632.255	1632.748	964.7475	108.59	127.56	107.66	107.39	16.43518	18.91931	64.64551	38.15854	26.48697	31.85336	7
1632.26	1632.753	964.7525	108.01	99.29	107.8	108.13	18.23012	23.60313	58.16675	34.56074	23.60601	31.23794	7
1632.265	1632.757	964.7575	107.01	77.86	107.71	109.14	17.28368	29.85271	52.86361	36.9638	15.8998	30.55711	7
1632.27	1632.762	964.7625	105.24	77.78	105.54	106.72	22.03144	23.4557	54.51286	37.24507	17.26779	31.02045	7
1632.275	1632.767	964.7674	104.13	59.33	103.61	103.25	33.87254	13.96551	52.16195	26.82134	25.34061	32.27848	7
1632.28	1632.772	964.7724	102.16	56.42	101.78	102.69	35.30416	13.12313	51.57271	28.68302	22.88969	32.17006	7
1632.285	1632.777	964.7774	99.68	44.94	99.62	99.5	37.88392	12.45082	49.66526	28.30715	21.35811	32.59716	7
1632.29	1632.782	964.7824	98.91	38.25	98.45	97.73	43.3113	8.79437	47.89433	28.29006	19.60427	33.45757	7
1632.295	1632.787	964.7873	100.44	52.9	99.55	96.59	41.6909	8.0181	50.291	20.84158	29.44942	33.71601	7
1632.3	1632.792	964.7923	97.99	51.34	96.95	94.56	45.48492	5.597099	48.91798	18.75326	30.16472	34.08529	7
1632.305	1632.797	964.7973	101.71	93.19	100.45	97.29	33.63982	8.951869	57.40831	33.80232	23.60599	32.95209	7
1632.31	1632.802	964.8023	100.99	113.75	99.32	97.63	32.5042	7.235197	60.2606	27.66592	32.59469	32.6047	7
1632.315	1632.807	964.8072	98.08	61.66	97.82	96.72	36.85968	11.01244	52.12788	21.24578	30.88209	32.67062	7
1632.32	1632.812	964.8122	101.39	125.43	100.33	92.98	24.58214	12.33704	63.08082	36.58839	26.49243	33.19412	7
1632.325	1632.817	964.8172	97.38	88.66	96.18	91.53	38.25468	6.907797	54.83752	26.37304	28.46448	33.43709	7
1632.33	1632.822	964.8222	95.48	69.37	95.41	94.28	35.91336	10.74655	53.34009	34.66693	18.67316	32.51827	7
1632.335	1632.827	964.8271	97.81	98.42	97.54	93.69	28.28966	13.23436	58.47598	23.71047	34.76551	32.51046	7
1632.34	1632.832	964.8321	96.74	83.3	96.76	95.75	30.6856	13.1216	56.1928	22.98353	33.20927	32.10188	7
1632.345	1632.837	964.8371	96.05	71.05	96.24	95.28	32.9674	12.72466	54.30794	29.1943	25.11364	32.25297	7
1632.35	1632.842	964.842	96.56	92.9	96.75	93.3	27.2105	14.61094	58.17856	26.18082	31.99773	32.37213	7
1632.355	1632.847	964.847	97.4	86.51	97.62	98.23	27.75158	15.06182	57.1866	24.1173	33.0693	31.64995	7
1632.36	1632.852	964.852	99.53	92.3	99.87	101.31	23.4608	18.1978	58.3414	36.10008	22.24133	31.3315	7
1632.365	1632.857	964.857	97.88	59.83	98.28	100.31	32.37154	14.79936	52.8291	36.7538	16.07531	31.65573	7
1632.37	1632.862	964.8619	98.88	36.57	99.31	100.27	36.84796	14.38848	48.76356	20.19672	28.56684	32.23932	7
1632.375	1632.867	964.8669	99.22	27.19	99.35	99.5	41.13012	12.10366	46.76622	30.02803	16.7382	32.93426	7
1632.38	1632.872	964.8719	96.02	54.36	96.59	99.45	34.08898	13.73644	52.17458	22.93162	29.24296	31.65738	7
1632.385	1632.877	964.8769	95.13	65.18	95.8	94.94	31.51434	14.23124	54.25442	37.00606	17.24836	32.14759	7
1632.39	1632.882	964.8818	91.29	101.5	89.75	83.69	43.3852	4.032858	52.58194	28.90028	23.68166	33.7403	7
1632.395	1632.887	964.8868	88.91	72.12	86.3	82.28	60.97726	0	39.02274	8.145228	30.87751	33.1651	7
1632.4	1632.892	964.8918	89.26	67.52	87.83	82.26	52.62346	1.64573	45.73081	16.66001	29.0708	35.14021	7
1632.405	1632.897	964.8968	93.15	88.69	94.02	90	26.09652	15.14269	58.76079	43.23469	15.52609	32.46318	7
1632.41	1632.902	964.9017	87.12	68.75	87.17	85.91	42.8246	6.328989	50.84641	31.15688	19.68953	32.92675	7
1632.415	1632.907	964.9067	86.26	31.68	86.53	88.43	50.88174	4.179013	44.93925	16.57417	28.36508	33.77329	7
1632.42	1632.912	964.9117	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1632.465	1632.956	964.9564	88.34	37.89	88.14	87.02	51.10782	3.908205	44.98397	27.11028	17.87369	34.36635	7
1632.47	1632.961	964.9614	85.77	38.03	84.92	83.16	58.47584	0.672628	40.85153	29.45462	11.39691	35.64274	7
1632.475	1632.966	964.9664	91.5	66.3	92.53	93.45	31.7929	13.02004	55.18706	35.55784	19.62922	31.85346	7
1632.48	1632.971	964.9714	95.5	58.37	96.96	98.61	26.69946	18.63715	54.66339	31.50981	23.15358	31.45305	7
1632.485	1632.976	964.9763	96.32	36.16	96.68	98.51	39.84488	11.56286	48.59226	17.382	31.21026	32.45845	7
1632.49	1632.981	964.9813	97.34	53.95	97.74	98.45	34.2913	13.90269	51.80601	36.83684	14.96917	32.0627	7
1632.495	1632.986	964.9863	99.41	35.03	99.68	99.55	37.97304	13.74252	48.28444	22.23799	26.04645	32.56957	7
1632.5	1632.991	964.9913	105.66	29.3	105.64	105.21	35.8572	17.82614	46.31666	29.8478	16.46886	32.16819	7
1632.505	1632.996	964.9962	111.64	35.57	111.6	112.5	28.99326	26.31729	44.68945	24.27019	20.41925	30.65402	7
1632.51	1633.001	965.0012	114.4	54.69	115.21	116.45	15.23952	44.45872	40.30176	25.09016	15.2116	28.75111	7
1632.515	1633.006	965.0062	115.1	48.41	115.91	116.09	16.11528	45.77189	38.11283	15.58913	22.5237	28.67153	7
1632.52	1633.011	965.0111	111.7	92.29	113.03	115.74	4.59432	47.54628	47.8594	47.8594	0	-9999	7
1632.525	1633.016	965.0161	106	161.48	108.52	114.72	0	52.03672	47.96328	47.96328	0	-9999	7
1632.53	1633.021	965.0211	105.9	150.82	108.57	114.51	0	52.63468	47.36532	47.36532	0	-9999	7
1632.535	1633.026	965.0261	109.26	155.22	111.45	113.92	0	56.29509	43.70491	43.70491	0	-9999	7
1632.54	1633.031	965.031	107.73	169.82	109.85	114.66	0	52.53538	47.46462	47.46462	0	-9999	7
1632.545	1633.036	965.036	108.5	136.74	110.61	113.8	0	52.11279	47.88721	47.88721	0	-9999	7

1632.55	1633.041	965.041	112.18	77.26	113.11	113.22	10.88998	42.42846	46.68156	34.91573	11.76583	29.7415	7
1632.555	1633.046	965.046	110.4	59.12	111.08	112.45	18.85496	34.37165	46.77339	28.8465	17.92688	29.89437	7
1632.56	1633.051	965.0509	109.91	54.85	110.92	113.15	17.7816	37.0035	45.2149	30.02477	15.19013	29.54554	7
1632.565	1633.056	965.0559	109.3	64.13	110.5	111.77	14.62454	38.56685	46.80861	32.45598	14.35263	29.80277	7
1632.57	1633.061	965.0609	108.83	70.94	110.57	111.62	9.22392	44.20229	46.57379	36.31839	10.25541	29.80773	7
1632.575	1633.066	965.0659	108.06	82.92	109.6	114.06	8.58316	41.00736	50.40948	38.29654	12.11295	29.62621	7
1632.58	1633.071	965.0708	108.44	150.59	108.22	105.82	5.49742	27.50428	66.9983	66.9983	0	-9999	7
1632.585	1633.076	965.0758	108.14	165.13	107.75	110.1	3.57224	26.39503	70.03273	70.03273	0	-9999	7
1632.59	1633.081	965.0808	105.5	80.89	107.41	109.28	8.56212	39.27201	52.16587	50.47746	1.688408	30.45359	7
1632.595	1633.086	965.0857	100.12	60.31	102.08	101.89	18.10458	28.3987	53.49672	24.92388	28.57283	31.26921	7
1632.6	1633.091	965.0907	96.12	73.27	96.91	98.13	27.71576	16.38052	55.90372	22.44259	33.46113	31.54358	7
1632.605	1633.096	965.0957	96.18	82.72	95.8	93.08	34.44116	10.42353	55.13531	35.64396	19.49135	32.66968	7
1632.61	1633.101	965.1007	95.9	63.3	95.45	93.72	39.9409	8.553689	51.50541	34.477	17.02841	33.06845	7
1632.615	1633.106	965.1056	99.09	55.76	98.37	96.66	40.92328	8.461588	50.61513	31.30754	19.30759	33.317	7
1632.62	1633.111	965.1106	101.17	42.46	100.65	101.19	40.67828	10.35595	48.96577	29.18966	19.77612	32.88595	7
1632.625	1633.116	965.1156	104	67.64	102.78	101.31	37.40612	8.833432	53.76045	20.10972	33.65073	33.07126	7
1632.63	1633.121	965.1206	103.52	42.29	103.18	101.92	37.16242	13.70684	49.13074	24.81434	24.3164	32.71506	7
1632.635	1633.126	965.1255	102.45	32.99	102.87	103.59	34.50742	17.961	47.53158	24.03039	23.50119	31.88394	7
1632.64	1633.131	965.1305	103.94	42.6	104	104.06	33.601	17.42294	48.97606	16.09774	32.87832	31.95747	7
1632.645	1633.135	965.1355	104	43.78	104.36	105.12	30.93524	20.09283	48.97193	34.3756	14.59633	31.49847	7
1632.65	1633.14	965.1405	105.54	51.24	105.27	106.47	32.59562	16.93404	50.47034	35.83705	14.63329	31.71283	7
1632.655	1633.145	965.1454	105.35	32.7	105.3	105.72	35.5521	17.42226	47.02564	26.64556	20.38008	32.01947	7
1632.66	1633.15	965.1504	103.17	51.03	103.7	104.12	28.62684	20.94784	50.42532	18.85517	31.57015	31.43008	7
1632.665	1633.155	965.1554	104.36	43.11	104.5	104.31	32.47118	18.61699	48.91183	24.43682	24.47501	31.8494	7
1632.67	1633.16	965.1603	102.49	56.43	103.66	104.44	22.98564	25.61222	51.40214	34.86015	16.54199	31.01661	7
1632.675	1633.165	965.1653	101.4	61.86	103.18	104.45	17.94688	29.19595	52.85717	33.17843	19.67874	30.87908	7
1632.68	1633.17	965.1703	100.27	63.32	101.88	103.37	19.95066	26.20295	53.84639	28.49408	25.35232	31.00425	7
1632.685	1633.175	965.1753	99.68	51.27	100.44	97.63	29.99706	18.47285	51.53009	19.7986	31.7315	32.28468	7
1632.69	1633.18	965.1802	98.37	38.02	98.29	93.33	40.91876	10.7543	48.32694	26.44178	21.88516	33.86618	7
1632.695	1633.185	965.1852	95.91	28.06	95.31	93.21	49.62228	5.369864	45.00786	24.92506	20.08279	34.68202	7
1632.7	1633.19	965.1902	101.53	48.69	101.72	102.35	33.33692	16.23635	50.42673	18.52195	31.90478	31.91642	7
1632.705	1633.195	965.1952	104.22	67.87	104.86	107.17	22.73306	24.41207	52.85487	29.99347	22.86139	30.75404	7
1632.71	1633.2	965.2001	110.58	71.82	111.11	112.28	16.77846	33.78835	49.43319	34.98182	14.45137	30.09068	7
1632.715	1633.205	965.2051	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1633.02	1633.508	965.5085	134.99	35.99	134.84	134.62	7.090473	79.56897	13.34056	13.34056	0	-9999	10
1633.025	1633.513	965.5135	143.05	122.84	142.73	141.61	0	100	0	0	0	-9999	10
1633.03	1633.518	965.5184	142.74	179.52	144.05	142.17	0	100	0	0	0	-9999	10
1633.035	1633.523	965.5234	141.79	194	141.84	150.53	0	100	0	0	0	-9999	10
1633.04	1633.528	965.5284	142.48	250.05	138.81	131.78	0	0	100	100	0	-9999	10
1633.045	1633.533	965.5334	140.93	363.86	135.41	128.79	0	0	100	100	0	-9999	10
1633.05	1633.538	965.5383	133.78	331.25	128.36	122.35	0	0	100	100	0	-9999	10
1633.055	1633.543	965.5433	131.24	52.35	131.41	130.94	5.273	87.41688	7.310119	7.310119	0	-9999	10
1633.06	1633.548	965.5483	126.79	56.03	126.66	126.2	10.80144	61.52719	27.67137	23.0317	4.639668	25.88376	10
1633.065	1633.553	965.5533	124.24	75.44	124.23	125.59	7.52022	57.70447	34.77531	24.09408	10.68123	-9999	10
1633.07	1633.558	965.5582	122.02	140.55	120.78	114.26	3.3385	31.3058	65.3557	65.3557	0	-9999	10
1633.075	1633.563	965.5632	123.01	143.47	121.32	116.06	5.20856	24.01382	70.77762	69.04915	1.72847	-9999	10
1633.08	1633.568	965.5682	125.78	117.84	124.13	120.22	8.55262	26.51053	64.93685	54.12463	10.81222	31.83343	10
1633.085	1633.573	965.5731	125.97	105.09	125.96	125.39	0	65.18224	34.81776	34.81776	0	-9999	10
1633.09	1633.578	965.5781	129.54	78.08	129.56	128.67	1.77284	77.16961	21.05755	21.05755	0	-9999	10
1633.095	1633.583	965.5831	130.59	68.31	130.63	131.71	3.01618	81.44673	15.53709	14.11871	1.418382	-9999	10
1633.1	1633.588	965.5881	131.75	65.65	131.73	130.92	3.0577	84.33284	12.60946	9.910201	2.699256	-9999	10
1633.105	1633.593	965.593	122.54	162.84	121.4	121.6	0	35.57687	64.42313	64.42313	0	-9999	10
1633.11	1633.598	965.598	133.28	39.06	133.64	133.02	4.805083	93.48629	1.708628	0	1.708628	-9999	10
1633.115	1633.603	965.603	133.82	74.49	134.28	135.35	0	100	0	0	0	-9999	10
1633.12	1633.608	965.608	133.32	112.6	132.58	130.09	0	69.21645	30.78355	30.78355	0	-9999	10
1633.125	1633.613	965.6129	128.02	79.35	127.77	128.55	4.9564	63.98463	31.05897	27.67406	3.38491	-9999	10
1633.13	1633.618	965.6179	125.37	67.23	125.24	125.77	9.39744	57.77714	32.82542	25.66273	7.162689	26.5962	10
1633.135	1633.623	965.6229	124.68	77.73	124.69	125.32	6.40624	59.67528	33.91848	32.54676	1.37172	-9999	10
1633.14	1633.628	965.6279	124.41	88.21	124.44	124.47	3.96348	60.00773	36.02879	36.02879	0	-9999	10
1633.145	1633.633	965.6328	123.86	80.65	124.05	121.85	5.059	61.42754	33.51346	31.12984	2.383622	-9999	10
1633.15	1633.638	965.6378	123.99	99.7	124.23	125.23	0	64.27318	35.72682	35.72682	0	-9999	10
1633.155	1633.643	965.6428	123.32	88.59	123.31	122.9	5.18432	55.86708	38.9486	38.9486	0	-9999	10
1633.16	1633.648	965.6478	122.73	81.92	122.84	122.45	6.41126	56.28758	37.30116	24.13487	13.16629	-9999	10
1633.165	1633.653	965.6527	123.09	81.73	123.13	124.59	6.66854	55.82351	37.50795	37.50795	0	-9999	10
1633.17	1633.658	965.6577	123.16	88.45	123.11	123.23	5.6754	54.53021	39.79439	39.79439	0	-9999	10
1633.175	1633.663	965.6627	124.37	84.08	124.48	123.39	4.37974	61.4546	34.16566	29.31796	4.84771	-9999	10
1633.18	1633.668	965.6676	123.83	79.94	123.77	121.55	7.19592	55.65899	37.14509	35.78195	1.363143	-9999	10
1633.185	1633.673	965.6726	125.77	82.34	124.79	124.86	11.96032	39.60394	48.43574	40.78744	7.648304	28.88774	10
1633.19	1633.678	965.6776	124.84	84.63	124.35	122.1	8.46424	48.98917	42.54659	24.39635	18.15024	28.51838	10
1633.195	1633.683	965.6826	126.34	87.31	126.57	123.13	0.85568	71.35166	27.79266	27.79266	0	-9999	10
1633.2	1633.688	965.6875	126.96	87.39	127.21	123.71	0.11092	74.20076	25.68832	25.68832	0	-9999	10
1633.205	1633.693	965.6925	128.12	98.45	128.43	126.49	0	81.19465	18.80535	18.80535	0	-9999	10
1633.21	1633.697	965.6975	128.46	106.91	128.94	127.06	0	88.08236	11.91764	11.91764	0	-9999	10

1633.215	1633.702	965.7025	125.83	80.97	125.75	122.84	5.26166	61.36214	33.3762	33.15577	0.220435	-9999	10
1633.22	1633.707	965.7074	126.85	102.73	127.57	123.84	0	87.37699	12.62301	12.62301	0	-9999	10
1633.225	1633.712	965.7124	126.84	79.61	126.93	124.67	3.34408	69.01267	27.64325	27.64325	0	-9999	10
1633.23	1633.717	965.7174	127.21	96.57	127.14	124.06	0.13936	67.24423	32.61641	32.61641	0	-9999	10
1633.235	1633.722	965.7224	127.13	94.1	127.41	125.53	0	76.10907	23.89093	23.89093	0	-9999	10
1633.24	1633.727	965.7273	126.63	85.12	126.56	123.72	3.44386	64.50693	32.04921	28.62786	3.421354	-9999	10
1633.245	1633.732	965.7323	126.33	96.93	126.47	126.18	0	69.65598	30.34402	30.34402	0	-9999	10
1633.25	1633.737	965.7373	126.09	86.55	126.27	125.43	1.6571	69.11949	29.22341	29.22341	0	-9999	10
1633.255	1633.742	965.7422	125.83	97.71	126.54	125.28	0	82.38379	17.61621	17.61621	0	-9999	10
1633.26	1633.747	965.7472	124.52	119.75	125.76	124.94	0	91.47708	8.522916	8.522916	0	-9999	10
1633.265	1633.752	965.7522	124.78	101.12	125	123.76	0	66.53403	33.46597	33.46597	0	-9999	10
1633.27	1633.757	965.7572	124.6	99.6	125.04	124.5	0	71.03743	28.96257	28.96257	0	-9999	10
1633.275	1633.762	965.7621	124.15	109.51	125.02	123.47	0	80.22246	19.77754	19.77754	0	-9999	10
1633.28	1633.767	965.7671	124.15	118.13	124.27	120.65	0	63.28443	36.71557	36.71557	0	-9999	10
1633.285	1633.772	965.7721	123.73	117.67	124.15	120.56	0	68.72294	31.27706	31.27706	0	-9999	10
1633.29	1633.777	965.7771	122.79	119.01	123.49	119.59	0	71.78586	28.21414	28.21414	0	-9999	10
1633.295	1633.782	965.782	122.17	126.95	123.31	120.73	0	79.64071	20.35929	20.35929	0	-9999	10
1633.3	1633.787	965.787	121.65	113.53	121.72	122.8	0.06524	54.52445	45.41031	45.41031	0	-9999	10
1633.305	1633.792	965.792	120.56	125.03	120.14	125.55	2.08254	43.14068	54.77678	54.77678	0	-9999	10
1633.31	1633.797	965.797	119.74	133.93	119.53	117.75	0	45.80455	54.19545	54.19545	0	-9999	10
1633.315	1633.802	965.8019	119.68	138.21	119.76	117.61	0	51.22706	48.77294	48.77294	0	-9999	10
1633.32	1633.807	965.8069	118.43	122.14	117.27	113.73	10.47652	26.45335	63.07013	47.76721	15.30293	32.00571	10
1633.325	1633.812	965.8119	118.25	147.16	117.73	111.49	0	38.31944	61.68056	61.68056	0	-9999	10
1633.33	1633.817	965.8169	117.59	142.76	117.78	112.3	0	48.40096	51.59904	51.59904	0	-9999	10
1633.335	1633.822	965.8218	115.84	136.39	116.35	118.79	0	48.95079	51.04921	51.04921	0	-9999	10
1633.34	1633.827	965.8268	116.05	175.78	115.92	116.43	0	42.29314	57.70686	57.70686	0	-9999	10
1633.345	1633.832	965.8318	116	153.65	115.28	111.21	1.6767	31.94633	66.37697	66.37697	0	-9999	10
1633.35	1633.837	965.8367	115.71	135.77	114.69	108.61	8.59546	26.02171	65.38283	63.98282	1.400008	32.83088	10
1633.355	1633.842	965.8417	116.78	148.74	115.63	110.37	5.47982	26.32219	68.19799	60.43189	7.766097	-9999	10
1633.36	1633.847	965.8467	116.81	143.48	116.35	112.09	1.37764	36.46765	62.15471	62.15471	0	-9999	10
1633.365	1633.852	965.8517	118.31	162.84	117.27	111.11	0	30.97657	69.02343	69.02343	0	-9999	10
1633.37	1633.857	965.8566	117.71	157.03	116.55	112.08	2.69554	27.88168	69.42278	66.67171	2.751067	-9999	10
1633.375	1633.862	965.8616	117.15	159.15	115.84	109.63	3.8602	25.06223	71.07757	65.23063	5.84694	-9999	10
1633.38	1633.867	965.8666	116.92	177.09	115.05	111.9	4.07032	17.80739	78.12229	67.45949	10.6628	-9999	10
1633.385	1633.872	965.8716	117.48	193.21	115.77	110.53	0	21.6773	78.3227	78.3227	0	-9999	10
1633.39	1633.877	965.8765	115.86	153	114.22	111.24	9.0928	18.63795	72.26925	62.00035	10.2689	33.05062	10
1633.395	1633.882	965.8815	115.85	155.4	114.83	110.73	3.7162	27.52135	68.76245	68.76245	0	-9999	10
1633.4	1633.886	965.8865	113.95	181.72	112.55	108.17	2.03976	22.13475	75.82549	75.82549	0	-9999	10
1633.405	1633.891	965.8915	113.58	137.15	112.2	105.5	13.0111	19.04936	67.93954	54.19371	13.74583	33.29893	10
1633.41	1633.896	965.8964	113.18	117.63	112.17	107.09	15.23544	21.96873	62.79583	42.37352	20.42231	32.51094	10
1633.415	1633.901	965.9014	114.39	108.55	113.53	112.98	15.1571	24.7321	60.1108	41.45401	18.65678	31.35528	10
1633.42	1633.906	965.9064	115.54	134.24	114.55	112.39	8.88962	26.13074	64.97964	54.49124	10.48839	32.06341	10
1633.425	1633.911	965.9113	117.32	129.71	116.65	118.02	5.86828	33.13028	61.00144	61.00144	0	-9999	10
1633.43	1633.916	965.9163	117.16	118.01	115.99	114.18	12.72188	24.41048	62.86764	45.7106	17.15704	31.75379	10
1633.435	1633.921	965.9213	120.03	139.32	118.46	113.5	8.02446	22.69384	69.2817	66.68404	2.597657	32.96348	10
1633.44	1633.926	965.9263	119.08	175.71	117.04	112.45	3.73458	16.56777	79.69765	74.83373	4.863918	-9999	10
1633.445	1633.931	965.9312	116.14	130.84	115.27	111.68	8.23042	28.41356	63.35602	57.58787	5.768148	32.12126	10
1633.45	1633.936	965.9362	115.13	133.53	114.93	112.11	3.31614	36.70589	59.97797	59.97797	0	-9999	10
1633.455	1633.941	965.9412	117.18	147.94	116.78	113.14	0	38.36257	61.63743	61.63743	0	-9999	10
1633.46	1633.946	965.9462	116.66	160.09	116	113.08	0	34.28157	65.71843	65.71843	0	-9999	10
1633.465	1633.951	965.9511	116.49	149.81	116.28	116.37	0	40.16253	59.83747	59.83747	0	-9999	10
1633.47	1633.956	965.9561	115.34	169.38	115.79	116.39	0	49.09731	50.90269	50.90269	0	-9999	10
1633.475	1633.961	965.9611	114.81	182.26	114.63	108.72	0	39.71162	60.28838	60.28838	0	-9999	10
1633.48	1633.966	965.9661	112.99	193.98	113	104.46	0	39.89033	60.10967	60.10967	0	-9999	10
1633.485	1633.971	965.971	114.36	192.14	114.5	112.27	0	44.05579	55.94421	55.94421	0	-9999	10
1633.49	1633.976	965.976	114.15	197.24	114.92	106.76	0	52.89993	47.10007	47.10007	0	-9999	10
1633.495	1633.981	965.981	116.63	219.28	116.46	115.57	0	45.73896	54.26104	54.26104	0	-9999	10
1633.5	1633.986	965.986	110.35	198.45	107.59	102.27	11.8431	6.308899	81.848	53.43785	28.41015	34.28965	7
1633.505	1633.991	965.9909	108.46	158.8	107.08	100.81	12.4822	16.49233	71.02547	48.68426	22.34121	33.43766	7
1633.51	1633.996	965.9959	108.33	146.8	107.59	104.84	10.5458	21.86428	67.58992	61.24888	6.341038	32.50039	7
1633.515	1634.001	966.0009	105.06	172.92	102.78	92.29	19.16816	8.086031	72.74581	54.38066	18.36515	34.2511	7
1633.52	1634.006	966.0058	107.61	144.16	106.63	101.92	13.70708	18.68921	67.60371	51.4301	16.17361	32.84951	7
1633.525	1634.011	966.0108	112.05	163.75	110.87	109.65	6.4315	21.869	71.6995	55.63438	16.06512	-9999	7
1633.53	1634.016	966.0158	119.34	144.79	118.18	115.41	4.15802	29.20227	66.63971	57.71579	8.923919	-9999	7
1633.535	1634.021	966.0208	118.06	146.01	117.33	115.33	1.70788	34.47718	63.81494	63.81494	0	-9999	7
1633.54	1634.026	966.0257	115.74	146.6	114.67	112.2	6.3345	26.0799	67.5856	55.09872	12.48688	-9999	7
1633.545	1634.031	966.0307	115.4	135.77	114.63	112.9	6.94316	29.15662	63.90022	51.3642	12.53602	-9999	7
1633.55	1634.036	966.0357	115.98	147.37	114.98	110.39	5.38486	27.43056	67.18458	64.77308	2.4115	-9999	7
1633.555	1634.041	966.0407	117.13	168.8	116.41	108.69	0	34.68804	65.31196	65.31196	0	-9999	7
1633.56	1634.046	966.0456	118.27	160.68	117.45	110.78	0	34.34137	65.65863	65.65863	0	-9999	7
1633.565	1634.051	966.0506	117.91	149.74	118.24	110.06	0	51.99212	48.00788	48.00788	0	-9999	7
1633.57	1634.056	966.0556	116.45	148.36	116.18	114.75	0	39.06938	60.93062	60.93062	0	-9999	7
1633.575	1634.061	966.0606	115.73	158.98	114.25	106.51	6.52524	21.14955	72.32521	72.32521	0	-9999	7

1633.58	1634.066	966.0655	116.98	159.21	115.17	110.54	7.87708	17.51347	74.60945	65.30964	9.299809	-9999	7
1633.585	1634.07	966.0705	120.24	149.22	120.61	115.86	0	58.88352	41.11648	41.11648	0	-9999	7
1633.59	1634.075	966.0755	119.01	144.3	117.98	111.09	3.5727	30.88928	65.53802	60.2869	5.251121	-9999	7
1633.595	1634.08	966.0804	117.36	143.82	114.96	113.05	15.82436	8.139811	76.03583	49.28741	26.74841	33.44814	7
1633.6	1634.085	966.0854	121.4	173.54	119.46	113.86	1.35032	19.78216	78.86752	78.86752	0	-9999	7
1633.605	1634.09	966.0904	122.09	183.14	120.01	113.74	0	18.39136	81.60864	81.60864	0	-9999	7
1633.61	1634.095	966.0954	120.89	241.36	117.66	110.61	0	2.005268	97.99473	97.99473	0	-9999	7
1633.615	1634.1	966.1003	119.38	289.86	115.6	112.27	0	0	100	100	0	-9999	7
1633.62	1634.105	966.1053	117.11	215.63	114.89	104.86	0	15.47711	84.52289	84.52289	0	-9999	7
1633.625	1634.11	966.1103	114.47	190.24	112.52	104.67	3.76202	16.07655	80.16143	80.16143	0	-9999	7
1633.63	1634.115	966.1153	115.5	187.17	112.87	105.45	8.82736	7.495705	83.67694	73.8945	9.782432	35.14843	7
1633.635	1634.12	966.1202	117.96	138.31	115.8	109.15	14.74578	11.54462	73.7096	52.79428	20.91532	34.00311	7
1633.64	1634.125	966.1252	117.99	132.41	117.03	111.89	6.84598	29.75276	63.40126	63.40126	0	-9999	7
1633.645	1634.13	966.1302	114.4	115.4	113.19	107.59	16.2027	20.55587	63.24143	38.41041	24.83103	32.67999	7
1633.65	1634.135	966.1352	114.71	115.65	113.32	108.27	17.252	18.49966	64.24834	36.27045	27.9779	32.7395	7
1633.655	1634.14	966.1401	115.25	127.88	114	109.03	12.71054	21.75059	65.53887	40.16931	25.36956	32.69185	7
1633.66	1634.145	966.1451	114.53	161.39	112.7	106.45	9.75852	15.70088	74.5406	54.66431	19.8763	33.90299	7
1633.665	1634.15	966.1501	113.64	138.72	113.43	111.41	3.50846	34.36039	62.13115	62.13115	0	-9999	7
1633.67	1634.155	966.155	113.53	131.26	112.68	110.41	10.37498	25.32415	64.30087	44.20268	20.09818	32.05113	7
1633.675	1634.16	966.16	112.55	123.43	110.71	106.04	20.84394	11.81502	67.34104	35.21372	32.12732	33.20422	7
1633.68	1634.165	966.165	111.99	109.32	110.8	108.38	19.73626	18.02169	62.24205	47.1548	15.08726	32.18707	7
1633.685	1634.17	966.17	108.8	105.54	107.53	106.34	24.20582	14.22235	61.57183	36.313	25.25883	32.18275	7
1633.69	1634.175	966.1749	106.44	115.5	105.03	103.28	25.0517	11.98342	62.96488	35.57817	27.38671	32.39273	7
1633.695	1634.18	966.1799	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1634.045	1634.528	966.5275	102.75	120.98	100.12	96.33	36.57534	1.678896	61.74576	34.13173	27.61404	33.63969	7
1634.05	1634.532	966.5324	97.53	53.37	95.8	94.33	50.76436	1.627205	47.60844	25.00269	22.60575	34.8057	7
1634.055	1634.537	966.5373	96.68	59.84	95.57	92.22	45.17562	5.145715	49.67867	19.30922	30.36944	34.10774	7
1634.06	1634.542	966.5422	95.23	42.18	94.45	92.17	48.22584	5.006098	46.76806	17.81465	28.95341	34.37822	7
1634.065	1634.547	966.5472	96.32	49.27	95.15	93.39	48.52976	3.948592	47.52165	20.90004	26.6216	34.36992	7
1634.07	1634.552	966.5521	92.14	33.04	90.92	88.79	56.69052	1.010168	42.29931	16.40661	25.8927	35.80972	7
1634.075	1634.557	966.557	93.07	63.58	90.72	88.46	57.20174	0	42.79826	15.72444	27.07382	33.55663	7
1634.08	1634.562	966.5619	99.44	84.19	97.63	94.1	42.16872	3.826243	54.00504	22.8443	31.16073	33.87562	7
1634.085	1634.567	966.5668	100.21	56.9	99.71	95.27	37.912	10.73891	51.34909	35.86674	15.48235	33.44017	7
1634.09	1634.572	966.5717	102.06	68.42	101.18	99.39	36.36716	10.18814	53.4447	36.44356	17.00114	32.87679	7
1634.095	1634.577	966.5766	99.98	110.41	97.78	94.96	38.34918	3.363269	58.28755	29.57701	28.71054	33.309	7
1634.1	1634.582	966.5816	97.06	115.33	93.47	90.08	50.61744	0	49.38256	18.26764	31.11492	29.41011	7
1634.105	1634.586	966.5865	95.38	64.43	93.94	94.17	47.81834	3.208289	48.97337	31.30759	17.66578	33.75667	7
1634.11	1634.591	966.5914	93.24	54.16	91.46	89.2	54.90748	0.294912	44.79761	11.22317	33.57443	35.38283	7
1634.115	1634.596	966.5963	92.38	54.72	90.75	89.55	54.40066	0.778502	44.82084	27.85956	16.96128	35.01179	7
1634.12	1634.601	966.6012	91.43	48.51	90.6	89.34	50.57748	3.462313	45.96021	19.84876	26.11145	34.33447	7
1634.125	1634.606	966.6061	89.88	30.78	89.26	88.08	54.66664	2.486726	42.84663	16.65191	26.19473	35.12273	7
1634.13	1634.611	966.611	92.63	57.63	91.6	88.08	48.81644	3.68455	47.49901	31.5885	15.91051	34.46391	7
1634.135	1634.616	966.616	96.3	109.43	94.34	86.58	40.11194	3.86447	56.02359	23.81584	32.20775	34.05155	7
1634.14	1634.621	966.6209	94.73	75.51	92.88	90.92	48.91248	1.760244	49.32728	23.20478	26.12249	34.22401	7
1634.145	1634.626	966.6258	99.15	97.83	99.13	92.1	25.26214	15.82602	58.91184	35.84988	23.06196	32.96673	7
1634.15	1634.631	966.6307	100.96	88.16	101.61	102.35	20.74458	21.66945	57.58597	37.58881	19.99715	31.30523	7
1634.155	1634.636	966.6356	101.14	104.18	101.12	96.84	21.89464	18.05644	60.04892	32.1055	27.94342	32.37734	7
1634.16	1634.641	966.6405	94.66	120.82	90.91	87.67	52.73686	0	47.26314	27.56894	19.6942	29.47862	7
1634.165	1634.645	966.6454	91.77	123.56	88.07	83.63	54.34508	0	45.65492	28.26007	17.39485	30.79047	7
1634.17	1634.65	966.6503	93.31	185.53	88.53	82.27	46.30154	0	53.69846	27.1589	26.53956	28.97765	7
1634.175	1634.655	966.6553	98.29	222.38	92.06	84.59	44.03974	0	55.96026	28.46703	27.49323	20.50602	7
1634.18	1634.66	966.6602	103.31	232.33	105.2	85.73	0	44.98078	55.01922	55.01922	0	-9999	7
1634.185	1634.665	966.6651	108.08	199.68	109.21	108.12	0	44.4599	55.5401	55.5401	0	-9999	7
1634.19	1634.67	966.67	107.88	143.81	108.71	111.84	0	37.11805	62.88195	62.88195	0	-9999	10
1634.195	1634.675	966.6749	110.89	66.91	111.19	111.84	19.46398	31.27656	49.25946	33.29761	15.96185	30.28363	10
1634.2	1634.68	966.6798	111.45	45.28	111.77	111.98	24.02824	31.04886	44.9229	21.37558	23.54732	30.24343	10
1634.205	1634.685	966.6847	109.38	45.55	109.41	109.76	28.1148	24.34271	47.54249	22.97547	24.56702	30.99298	10
1634.21	1634.69	966.6897	109.89	64.28	110.35	110.83	19.78044	31.22521	48.99435	38.26929	10.72506	30.35134	10
1634.215	1634.695	966.6946	109.29	62.22	109.34	109.41	24.00846	25.55376	50.43778	36.70505	13.73274	30.90682	10
1634.22	1634.699	966.6995	110.31	62.91	110.6	111.35	21.04308	29.89723	49.05969	31.0061	18.05359	30.37432	10
1634.225	1634.704	966.7044	111.36	91.16	112.13	112.67	9.52058	39.54347	50.93595	36.67898	14.25698	30.16312	10
1634.23	1634.709	966.7093	110.92	92.54	111.12	111.65	14.00892	31.86796	54.12312	46.29676	7.826357	30.57177	10
1634.235	1634.714	966.7142	112.36	99.51	113.33	116.06	5.02988	44.8692	50.10092	44.53303	5.567888	-9999	10
1634.24	1634.719	966.7191	112.44	106.64	113	114.17	6.40832	40.13016	53.46152	52.78766	0.673858	-9999	10
1634.245	1634.724	966.724	111.52	84.61	112.14	113.94	12.12098	37.55178	50.32724	31.39439	18.93286	29.86995	10
1634.25	1634.729	966.729	111.11	81.7	111.36	112.82	16.0699	32.05752	51.87258	24.99194	26.88063	30.2238	10
1634.255	1634.734	966.7339	112.24	71.67	112.5	112.33	17.38006	33.51559	49.10435	36.42759	12.67676	30.23691	10
1634.26	1634.739	966.7388	112.42	50.97	112.09	111.53	26.79636	24.9839	48.21974	35.44456	12.77518	30.99072	10
1634.265	1634.744	966.7437	112.31	42.1	112.41	112.12	25.7116	29.61294	44.67546	21.43199	23.24348	30.441	10
1634.27	1634.749	966.7486	112.73	54.51	112.63	112.33	23.87198	28.61372	47.5143	32.76075	14.75356	30.54605	10
1634.275	1634.754	966.7535	111.09	50.28	110.99	110.71	26.40444	25.73534	47.86022	29.63149	18.22873	30.89765	10
1634.28	1634.758	966.7584	111.46	41.74	111.68	111.65	25.65072	29.6033	44.74598	31.70373	13.04225	30.43115	10
1634.285	1634.763	966.7634	112.71	40.46	112.79	113.78	25.89548	29.94628	44.15824	27.84907	16.30917	30.15025	10

1634.29	1634.768	966.7683	112.1	41.29	112.14	111.88	26.56582	28.44396	44.99022	20.86969	24.12053	30.57306	10
1634.295	1634.773	966.7732	111.93	37.95	111.82	111.82	28.693	26.0815	45.2255	29.63112	15.59438	30.81294	10
1634.3	1634.778	966.7781	112.91	50.45	113.04	112.89	22.9064	31.62746	45.46614	28.55445	16.91169	30.19425	10
1634.305	1634.783	966.783	112.32	47.97	112.03	110.65	27.30436	25.1308	47.56484	25.64136	21.92348	31.13385	10
1634.31	1634.788	966.7879	109.83	49.71	109.69	109.88	28.01158	23.40153	48.58689	30.73884	17.84805	31.09931	10
1634.315	1634.793	966.7928	111.66	46.06	111.66	111.89	26.12628	27.54495	46.32877	29.75919	16.56958	30.59335	10
1634.32	1634.798	966.7978	112.14	43.97	111.6	110.43	30.37546	21.53219	48.09235	18.87956	29.21279	31.5499	10
1634.325	1634.803	966.8027	113.2	33.18	112.99	112.46	29.45394	26.51844	44.02762	30.16145	13.86617	30.83403	10
1634.33	1634.808	966.8076	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1634.335	1634.812	966.8125	104.55	33.76	105.06	103.61	31.69158	21.42842	46.88	27.36728	19.51272	31.82303	10
1634.34	1634.817	966.8174	107.83	29.68	107.65	107.06	35.00884	18.98072	46.01044	20.6519	25.35854	31.99883	10
1634.345	1634.822	966.8223	108.73	39.58	108.74	108.61	30.31254	22.7928	46.89466	33.58284	13.31182	31.30502	10
1634.35	1634.827	966.8272	108.58	46.17	108.94	108.88	26.14326	26.72313	47.13361	31.38539	15.74821	30.83961	10
1634.355	1634.832	966.8321	107.73	38.38	107.84	107.35	30.74794	22.34596	46.9061	32.89756	14.00855	31.45202	10
1634.36	1634.837	966.8371	107.18	37.75	107.24	106.72	31.7939	21.06077	47.14533	17.38612	29.75922	31.62715	10
1634.365	1634.842	966.842	107.27	34.16	107.49	107.51	31.33988	22.51676	46.14336	26.35254	19.79081	31.37898	10
1634.37	1634.847	966.8469	107.64	34.64	107.8	107.33	31.34832	22.47133	46.18035	16.01738	30.16296	31.46456	10
1634.375	1634.852	966.8518	108.39	33.67	108.48	108.77	31.43556	22.75094	45.8135	23.50152	22.31198	31.28419	10
1634.38	1634.857	966.8567	111.56	34.02	111.62	111.62	28.66696	27.30012	44.03292	17.15136	26.88157	30.69622	10
1634.385	1634.862	966.8616	114.92	30.38	115.15	114.98	25.13914	35.55163	39.30923	17.76652	21.54271	29.60696	10
1634.39	1634.867	966.8665	117.36	39.61	117.5	117.27	21.35818	40.08553	38.55629	24.72792	13.82837	28.97753	10
1634.395	1634.871	966.8715	117.7	49.67	117.92	117.68	17.99086	42.87558	39.13356	19.02431	20.10926	28.75934	10
1634.4	1634.876	966.8764	117.71	44.63	117.8	117.39	20.20884	40.39562	39.39554	21.89466	17.50088	28.98952	10
1634.405	1634.881	966.8813	116.1	42.98	116.17	116.8	22.24434	36.46812	41.28754	15.25582	26.03171	29.32335	10
1634.41	1634.886	966.8862	118.7	55.47	118.65	118.71	17.75976	40.99859	41.24165	27.07447	14.16718	28.87494	10
1634.415	1634.891	966.8911	120.44	63.09	120.25	121.33	15.39992	42.99216	41.60792	20.32904	21.27889	28.44566	10
1634.42	1634.896	966.896	121.71	73.81	122.22	122.19	6.21228	61.01291	32.77481	21.47466	11.30015	-9999	10
1634.425	1634.901	966.9009	121.43	64.25	121.73	122.74	10.4109	55.21509	34.37401	30.73542	3.638584	27.21188	10
1634.43	1634.906	966.9058	121.61	67.87	122.1	123.15	7.89676	59.88105	32.22219	25.4655	6.756691	-9999	10
1634.435	1634.911	966.9108	122.37	61.41	122.91	124.66	8.37338	62.96622	28.6604	11.69014	16.97026	26.15886	10
1634.44	1634.916	966.9157	121.43	55.67	121.92	122.45	11.01476	58.49041	30.49483	10.73993	19.75491	26.79428	10
1634.445	1634.921	966.9206	121.32	55.84	121.49	121.62	13.55482	51.72258	34.7226	12.70593	22.01667	27.53497	10
1634.45	1634.926	966.9255	119.93	56.61	120.22	120.39	13.71728	50.25779	36.02493	27.03529	8.989639	27.84928	10
1634.455	1634.93	966.9304	120.51	42.23	120.3	121.15	20.53864	41.37183	38.08953	28.28962	9.799914	28.38845	10
1634.46	1634.935	966.9353	117.84	45.96	117.43	118.02	23.64238	32.53649	43.82113	13.67166	30.14947	29.67037	10
1634.465	1634.94	966.9402	116.06	50.21	115.76	116.11	23.39898	31.27895	45.32207	22.9999	22.32218	29.97371	10
1634.47	1634.945	966.9452	115.53	40.56	115.05	114.62	27.61688	27.0749	45.30822	30.86054	14.44768	30.62349	10
1634.475	1634.95	966.9501	115.83	33.37	115.26	114.09	29.77836	25.76042	44.46122	24.56335	19.89788	30.94063	10
1634.48	1634.955	966.955	115.76	32.39	115.33	114.11	28.99492	27.62959	43.37549	22.15116	21.22433	30.71443	10
1634.485	1634.96	966.9599	117	26.06	116.89	116.57	26.90598	34.37327	38.72075	21.68041	17.04034	29.64082	10
1634.49	1634.965	966.9648	116.16	24.84	115.99	114.33	28.43902	31.70989	39.85109	27.7499	12.10119	30.27833	10
1634.495	1634.97	966.9697	114.79	30.16	114.87	113.94	26.47448	33.11063	40.41489	12.11127	28.30362	30.03804	10
1634.5	1634.975	966.9746	114.55	27.09	114.52	114.12	28.29072	30.88431	40.82497	16.99934	23.82562	30.22904	10
1634.505	1634.98	966.9796	113.55	24.36	113.66	113.72	28.78638	30.77437	40.43925	28.25146	12.1878	30.21702	10
1634.51	1634.984	966.9845	113.01	19.82	113.12	113.61	30.38186	29.47882	40.13932	17.40232	22.73701	30.35025	10
1634.515	1634.989	966.9894	114.22	17.73	114.18	113.92	30.93694	29.50766	39.5554	27.90641	11.64899	30.44431	10
1634.52	1634.994	966.9943	115.1	18.66	114.86	113.98	31.45228	28.32526	40.22246	21.72134	18.50112	30.67062	10
1634.525	1634.999	966.9992	116.81	25.27	116.57	115.61	28.27946	31.90146	39.81908	8.82185	30.99723	30.08519	10
1634.53	1635.004	967.0041	116.55	31.9	116.37	116.13	26.4492	32.78089	40.76991	16.42606	24.34385	29.84682	10
1634.535	1635.009	967.009	115.83	31.19	116	116.55	24.57092	36.62721	38.80187	12.73858	26.0633	29.29094	10
1634.54	1635.014	967.0139	116.5	31.02	116.41	116.35	26.01066	34.01464	39.9747	13.30487	26.66983	29.66687	10
1634.545	1635.019	967.0189	118.18	32.66	117.82	117.31	26.16068	33.10978	40.72954	21.92509	18.80445	29.75428	10
1634.55	1635.024	967.0238	118.99	33.51	118.49	117.91	26.29478	32.36282	41.3424	16.24186	25.10054	29.80774	10
1634.555	1635.029	967.0287	117.76	28.45	117.57	117.29	26.2484	34.7931	38.9585	9.035672	29.92283	29.52935	10
1634.56	1635.034	967.0336	116.75	28.29	116.61	116.84	26.82882	33.55002	39.62116	13.80326	25.8179	29.65501	10
1634.565	1635.039	967.0385	115.41	27.69	115.42	115.67	27.04432	33.14147	39.81421	21.72102	18.09319	29.78262	10
1634.57	1635.043	967.0434	114.88	32.3	114.9	115.84	26.3388	32.56906	41.09214	21.27246	19.81968	29.75006	10
1634.575	1635.048	967.0483	113.78	33.34	113.83	114.51	26.86662	30.99264	42.14074	24.49173	17.64901	30.04035	10
1634.58	1635.053	967.0533	112.44	43.91	112.89	113.44	22.44148	34.46444	43.09408	14.9241	28.16998	29.7835	10
1634.585	1635.058	967.0582	112.55	40.19	112.97	113.21	23.47302	34.04001	42.48697	11.93036	30.55661	29.86131	10
1634.59	1635.063	967.0631	113.33	39.77	113.31	113.27	26.26706	29.67987	44.05307	23.27964	20.77342	30.33985	10
1634.595	1635.068	967.068	112.24	37.22	112.39	113.16	26.56946	29.79411	43.63643	20.86308	22.77336	30.22845	10
1634.6	1635.073	967.0729	111.99	32.6	112.31	113.33	26.6	31.178	42.222	27.96681	14.25519	30.04438	10
1634.605	1635.078	967.0778	111.5	36.39	111.86	112.33	25.82362	31.03143	43.14495	17.76238	25.38257	30.18279	10
1634.61	1635.083	967.0827	111.66	35.74	111.7	111.89	28.31372	27.33697	44.34931	30.65422	13.69509	30.64443	10
1634.615	1635.088	967.0876	111.71	36.02	111.92	112.74	26.88246	29.53109	43.58645	22.60213	20.98432	30.27342	10
1634.62	1635.093	967.0926	111.17	36.09	111.23	111.55	28.52482	26.8025	44.67268	15.34075	29.33192	30.69908	10
1634.625	1635.097	967.0975	112.67	47.52	112.66	112.72	24.92126	29.19525	45.88349	24.5723	21.31118	30.40563	10
1634.63	1635.102	967.1024	111.93	50.32	111.9	111.8	25.07946	27.90255	47.01799	27.24762	19.77037	30.60367	10
1634.635	1635.107	967.1073	111.92	50.65	111.72	110.41	26.3263	25.81891	47.85479	34.66695	13.18784	31.0495	10
1634.64	1635.112	967.1122	110.63	41.04	110.61	110.56	28.44372	25.34623	46.21005	32.27887	13.93117	30.9337	10
1634.645	1635.117	967.1171	110.21	41.62	110.04	109.35	29.85226	23.05556	47.09218	17.78199	29.31019	31.32966	10
1634.65	1635.122	967.122	108.67	36.59	108.57	108.24	31.94382	21.35337	46.70281	31.62154	15.08127	31.54182	10

1634.655	1635.127	967.127	107.71	30.81	107.54	106.66	34.76828	19.00687	46.22485	33.43165	12.79321	32.03246	10
1634.66	1635.132	967.1319	107.65	27.47	107.63	107.94	34.46926	20.19759	45.33315	25.91508	19.41806	31.6897	10
1634.665	1635.137	967.1368	106.74	32.49	106.67	105.71	34.47912	18.88865	46.63223	25.40134	21.23089	32.05016	10
1634.67	1635.142	967.1417	104.92	25.61	104.78	105	38.36098	15.66952	45.9695	21.11487	24.85463	32.41353	10
1634.675	1635.147	967.1466	105.08	28.95	104.97	105.35	37.173	16.33302	46.49398	20.72689	25.76709	32.2254	10
1634.68	1635.152	967.1515	103.51	32.6	103.53	103.1	36.7266	15.94294	47.33046	33.80889	13.52157	32.36906	10
1634.685	1635.156	967.1564	104.58	42.49	104.29	104.37	35.75132	15.16803	49.08065	24.18472	24.89593	32.24226	10
1634.69	1635.161	967.1614	104.48	57.65	103.84	103.65	34.8871	13.17572	51.93718	18.49486	33.44232	32.35512	10
1634.695	1635.166	967.1663	105.22	76.02	105.09	105.5	25.80826	19.49163	54.70011	24.10986	30.59026	31.42583	10
1634.7	1635.171	967.1712	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1635.015	1635.481	967.4807	110.04	50.15	109.72	109.59	29.1069	21.72473	49.16837	19.25371	29.91466	31.33631	7
1635.02	1635.486	967.4856	110.38	38.6	110.05	109.12	31.6667	21.28408	47.04922	14.63052	32.4187	31.61008	7
1635.025	1635.491	967.4906	109.07	57.72	108.72	107.1	28.39986	20.67243	50.92771	31.04776	19.87995	31.70942	7
1635.03	1635.495	967.4955	110.67	97.11	108.89	105.15	28.47798	9.644694	61.87733	34.31553	27.56179	33.1479	7
1635.035	1635.5	967.5004	108.55	112.45	107.26	98.75	22.9186	14.30525	62.77615	35.69171	27.08444	33.52081	7
1635.04	1635.505	967.5053	109.33	115.19	107.92	99.59	22.46792	13.85713	63.67495	42.24072	21.43423	33.55282	7
1635.045	1635.51	967.5102	109.61	110.78	108.94	102.24	17.54254	21.49613	60.96133	30.67891	30.28242	32.72496	7
1635.05	1635.515	967.5151	110.82	122.72	109.21	106.96	20.82486	13.28446	65.89068	38.72647	27.16421	32.55902	7
1635.055	1635.52	967.52	111.18	91.99	110.12	109.02	23.66782	17.57607	58.75611	33.56456	25.19155	31.87462	7
1635.06	1635.525	967.5249	110.04	72.92	108.59	106.48	32.35406	11.0937	56.55224	21.61846	34.93378	32.83594	7
1635.065	1635.53	967.5299	109.99	75.78	108.63	105.61	31.01044	12.19314	56.79642	33.91473	22.88169	32.8402	7
1635.07	1635.535	967.5348	108.91	118.29	107.37	104.14	23.11162	12.48941	64.39897	31.15274	33.24623	32.70944	7
1635.075	1635.54	967.5397	108.98	111.66	106.9	100.8	28.83668	6.820871	64.34245	29.69991	34.64253	33.77114	7
1635.08	1635.545	967.5446	110.16	130.29	108.71	104.72	18.36012	15.05146	66.58842	46.98183	19.60659	32.79175	7
1635.085	1635.55	967.5495	105.56	109.41	103.56	101.33	31.90758	6.173984	61.91844	32.72522	29.19322	33.02285	7
1635.09	1635.554	967.5544	107.14	99.75	105.34	103.33	31.2417	7.850528	60.90777	26.74476	34.16301	32.92789	7
1635.095	1635.559	967.5593	109.51	78.28	107.9	105.21	32.78454	9.460493	57.75497	31.09522	26.65975	33.09857	7
1635.1	1635.564	967.5643	108.24	67.57	107.15	105.74	32.51476	12.98776	54.49748	21.31978	33.1777	32.50882	7
1635.105	1635.569	967.5692	108.52	94.8	107.8	108.07	22.8	18.74588	58.45412	40.28386	18.17026	31.51409	7
1635.11	1635.574	967.5741	106.38	115.45	104.76	106.45	26.7465	10.11902	63.13448	37.64806	25.48643	31.89582	7
1635.115	1635.579	967.579	106.18	152.17	102.94	98.27	30.59926	0	69.40074	35.77547	33.62527	32.74554	7
1635.12	1635.584	967.5839	105.08	91.97	103.44	99.67	33.77966	7.722371	58.49797	40.63458	17.86338	33.29732	7
1635.125	1635.589	967.5888	107.14	115.53	106.06	104.15	21.84294	15.43819	62.71887	34.50224	28.21663	32.19122	7
1635.13	1635.594	967.5937	103.28	98.32	101.59	101.55	34.28646	6.96285	58.75069	26.82473	31.92596	32.57736	7
1635.135	1635.599	967.5987	100.9	69.74	99.75	99.92	39.20742	7.683827	53.10875	20.17088	32.93788	32.83833	7
1635.14	1635.604	967.6036	105.1	97.58	104.6	107.57	23.56864	17.61134	58.82002	29.57411	29.24591	31.07548	7
1635.145	1635.608	967.6085	105.94	109.45	104.27	103.17	28.9908	9.067119	61.94208	41.03135	20.91073	32.51886	7
1635.15	1635.613	967.6134	103.86	95.18	102.11	99.61	34.97774	6.541007	58.48125	37.8073	20.67395	33.14395	7
1635.155	1635.618	967.6183	102.19	78.99	100.28	98.04	41.67212	3.688243	54.63964	23.01866	31.62098	33.79774	7
1635.16	1635.623	967.6232	102.32	113.38	100.21	97.68	34.78014	4.667299	60.55256	37.91763	22.63493	33.0945	7
1635.165	1635.628	967.6281	100.03	70.32	99.22	100.22	37.23246	9.464458	53.30308	21.84313	31.45996	32.38303	7
1635.17	1635.633	967.633	100.66	79.6	100	99.98	33.2446	11.51585	55.23955	33.75111	21.48844	32.18689	7
1635.175	1635.638	967.638	100.87	81.87	99.7	98.45	36.45456	8.351867	55.19357	23.12797	32.0656	32.78939	7
1635.18	1635.643	967.6429	100.28	69.97	99.11	98.61	39.87716	7.233926	52.88891	31.14869	21.74022	33.01887	7
1635.185	1635.648	967.6478	99.27	61.62	98.45	97.68	40.11456	8.339939	51.5455	32.38989	19.15561	33.02738	7
1635.19	1635.653	967.6527	102.25	82.1	101.13	101.33	34.7418	9.500692	55.75751	31.81607	23.94144	32.39767	7
1635.195	1635.658	967.6576	99.35	98.72	97.52	96.02	38.89026	4.65902	56.45072	33.85437	22.59635	33.05128	7
1635.2	1635.663	967.6625	98.28	76.54	97.04	96.39	40.66972	6.265179	53.0651	29.32498	23.74012	33.03561	7
1635.205	1635.667	967.6674	99.88	106.43	97.51	97.47	40.72184	2.048254	57.22991	30.84323	26.38668	33.07517	7
1635.21	1635.672	967.6724	98.65	83.23	96.65	95.66	44.60034	2.423594	52.97607	26.28051	26.69556	33.68848	7
1635.215	1635.677	967.6773	95.35	72.42	93.68	91.92	47.69486	2.58845	49.71669	19.69435	30.02234	34.05245	7
1635.22	1635.682	967.6822	96.76	110.96	94.57	91.21	41.10098	2.870769	56.02825	25.95091	30.07734	33.38349	7
1635.225	1635.687	967.6871	96.35	93.71	94.68	92.5	41.62268	4.317776	54.05954	34.78601	19.27353	33.25782	7
1635.23	1635.692	967.692	97.04	82.42	95.98	94.21	38.99256	7.113506	53.89393	34.43102	19.46291	32.95313	7
1635.235	1635.697	967.6969	95.31	72.54	94.33	92.33	42.35512	6.06486	51.58002	22.4925	29.08752	33.32911	7
1635.24	1635.702	967.7018	93.37	63.74	91.96	90.77	49.60202	2.64248	47.7555	27.57278	20.18272	34.15411	7
1635.245	1635.707	967.7067	91.5	40.06	91.55	92.21	45.73798	6.764429	47.49759	20.82367	26.67392	33.32062	7
1635.25	1635.712	967.7117	94.39	70.87	93.39	92.62	43.76066	5.441993	50.79735	21.71554	29.08181	33.2376	7
1635.255	1635.717	967.7166	94.19	76.75	93.13	92.5	42.9867	5.462401	51.5509	23.70333	27.84757	33.06714	7
1635.26	1635.721	967.7215	92.56	98.95	91.72	91.86	37.4089	7.297907	55.29319	26.65603	28.63716	32.1128	7
1635.265	1635.726	967.7264	94.52	109.91	94.68	93.98	25.20338	14.01785	60.77877	41.18846	19.59031	31.72917	7
1635.27	1635.731	967.7313	92.4	103.84	94	96.27	17.46272	19.15145	63.38583	47.01004	16.37579	31.36129	7
1635.275	1635.736	967.7362	93.67	85.32	94.27	94.88	28.52616	13.97667	57.49717	29.18342	28.31375	31.6519	7
1635.28	1635.741	967.7411	93.63	85.41	93.25	92.15	36.13618	9.068085	54.79574	30.9125	23.88324	32.38239	7
1635.285	1635.746	967.7461	95.41	104.41	94.33	93.72	35.32558	7.747704	56.92672	31.46354	25.46317	32.22024	7
1635.29	1635.751	967.751	93.48	87.28	92.62	91.92	39.54164	6.821657	53.6367	19.62801	34.00869	32.58983	7
1635.295	1635.756	967.7559	92.44	54.55	91.76	92.27	47.0241	4.968367	48.00753	21.92074	26.08679	33.4527	7
1635.3	1635.761	967.7608	90.67	51.16	90.65	91.44	44.35788	6.724114	48.91801	30.81688	18.10112	33.00167	7
1635.305	1635.766	967.7657	89.6	54.17	89.74	90.74	43.37386	6.99009	49.63605	20.92614	28.70991	32.78788	7
1635.31	1635.771	967.7706	89.96	58.24	89.86	90.45	43.91772	6.480024	49.60226	26.04158	23.56068	32.89656	7
1635.315	1635.776	967.7755	91.59	60.14	90.83	90.33	47.07332	4.614057	48.31262	20.91021	27.40241	33.55639	7
1635.32	1635.78	967.7805	91.6	54.43	90.68	89.39	49.68594	3.546218	46.76784	25.04763	21.72021	34.14347	7
1635.325	1635.785	967.7854	89.26	50.55	89.27	90.04	45.5702	6.03513	48.39467	29.68381	18.71086	33.11317	7

1635.33	1635.79	967.7903	88.53	50.18	88.07	88.33	49.97384	3.845224	46.18094	26.77277	19.40816	33.78031	7
1635.335	1635.795	967.7952	89.26	60.99	88.35	88.19	50.17372	3.157848	46.66843	22.75756	23.91087	33.80371	7
1635.34	1635.8	967.8001	88.57	58.92	88.47	90.15	45.03196	5.817677	49.15036	32.69277	16.45759	32.76499	7
1635.345	1635.805	967.805	89.79	69.45	89.04	89.89	46.3988	4.545569	49.05563	20.14698	28.90865	33.02768	7
1635.35	1635.81	967.8099	87.65	54.94	86.74	87.15	53.11902	2.204884	44.6761	18.9325	25.7436	34.13832	7
1635.355	1635.815	967.8148	85.39	107.62	83.37	80.47	51.05216	1.681325	47.26651	15.29905	31.96747	33.5063	7
1635.36	1635.82	967.8198	86.86	66.27	86.26	83.32	48.70146	3.772257	47.52628	30.8522	16.67409	33.90425	7
1635.365	1635.825	967.8247	85.71	100.1	83.49	81.32	54.1276	0.612947	45.25945	14.1269	31.13255	33.97911	7
1635.37	1635.83	967.8296	83.87	91.79	81.77	77.8	56.90142	0.216442	42.88214	16.78013	26.10201	34.74206	7
1635.375	1635.834	967.8345	84.07	107.55	83.04	80.74	44.611	4.340186	51.04881	27.49913	23.54968	32.54471	7
1635.38	1635.839	967.8394	86.12	58.66	84.96	83.04	55.56388	1.16965	43.26647	27.86228	15.40419	34.83243	7
1635.385	1635.844	967.8443	88.09	146.73	86.06	86.53	39.18104	4.636654	56.18231	28.3343	27.84801	31.33351	7
1635.39	1635.849	967.8492	90.5	194.75	87.98	86.16	29.1405	6.375231	64.48427	27.38913	37.09514	31.02563	7
1635.395	1635.854	967.8542	90.21	138.43	88.16	84.21	39.39424	4.306533	56.29923	23.78371	32.51551	32.46366	7
1635.4	1635.859	967.8591	85.8	90.61	84.51	82.98	49.13388	2.834052	48.03207	27.78734	20.24473	33.28931	7
1635.405	1635.864	967.864	86.43	105.68	85.19	84.44	44.51984	4.16448	51.31568	19.39311	31.92257	32.44087	7
1635.41	1635.869	967.8689	86.52	103.58	84.77	82.27	48.89774	2.402227	48.70003	27.01285	21.68719	33.30261	7
1635.415	1635.874	967.8738	87.16	127.98	84.47	81.51	49.68914	1.144145	49.16672	20.19657	28.97014	33.19153	7
1635.42	1635.879	967.8787	85.79	78.54	84.41	83.11	52.76152	1.735148	45.50333	14.61023	30.8931	33.94013	7
1635.425	1635.884	967.8836	85.35	79.33	84.74	83.62	47.00764	4.091249	48.90111	22.06886	26.83225	33.09009	7
1635.43	1635.889	967.8885	85.65	74.87	84.64	84.21	50.91096	2.615107	46.47393	16.99075	29.48318	33.54995	7
1635.435	1635.893	967.8935	88.54	86.9	87.35	85.22	46.7359	3.637345	49.62675	22.40957	27.21719	33.3411	7
1635.44	1635.898	967.8984	88.67	138.57	88.35	86.45	27.36966	10.40175	62.22859	35.02377	27.20483	31.54943	7
1635.445	1635.903	967.9033	86.61	88.59	85.15	83.74	50.19502	2.339198	47.46578	18.12767	29.33811	33.49898	7
1635.45	1635.908	967.9082	87	100.32	85.55	85.22	46.92006	3.249883	49.83006	17.42749	32.40257	32.74249	7
1635.455	1635.913	967.9131	83.24	66.61	82.69	83.27	51.56208	2.729908	45.70801	14.10067	31.60734	33.43513	7
1635.46	1635.918	967.918	82.54	46.95	82.15	81.8	55.7238	1.633145	42.64305	30.8854	11.75765	34.53135	7
1635.465	1635.923	967.9229	82.33	52.37	81.77	80.77	55.92286	1.464043	42.6131	18.86374	23.74936	34.58137	7
1635.47	1635.928	967.9279	83	80.06	82.23	80.8	50.23298	2.943659	46.82336	16.08465	30.73871	33.3908	7
1635.475	1635.933	967.9328	84.91	91.44	83.17	81.8	53.23932	1.348343	45.41234	17.44658	27.96576	33.75757	7
1635.48	1635.938	967.9377	84.23	61.99	83.39	82.55	54.01682	1.867123	44.11606	25.21691	18.89915	34.19835	7
1635.485	1635.943	967.9426	83.35	55.85	82.98	83.27	52.6698	2.559207	44.77099	15.274	29.497	33.82877	7
1635.49	1635.948	967.9475	82.33	51.27	81.98	82.09	54.56156	1.967792	43.47065	13.02747	30.44318	34.173	7
1635.495	1635.952	967.9524	80.74	49.32	80.33	79.11	56.96126	1.185789	41.85295	16.92012	24.93283	34.75824	7
1635.5	1635.957	967.9573	76.08	34.44	75.61	76.7	65.31442	0	34.68558	18.36371	16.32187	34.34787	7
1635.505	1635.962	967.9623	71.54	43.57	71.4	69.33	64.72426	0	35.27574	15.88046	19.39528	34.64901	7
1635.51	1635.967	967.9672	71.28	50.02	70.75	69.24	66.42506	0	33.57494	20.87323	12.70171	34.40334	7
1635.515	1635.972	967.9721	72.51	49.47	72.09	70.35	64.57406	0	35.42594	7.387751	28.03819	34.66196	7
1635.52	1635.977	967.977	73.23	52.85	71.96	69.35	69.6812	0	30.3188	9.642164	20.67664	34.4188	7
1635.525	1635.982	967.9819	74.94	86.72	73.5	68.87	61.22896	0.322074	38.44897	20.58916	17.8598	34.99627	7
1635.53	1635.987	967.9868	73.99	144.25	71.08	65.67	59.5732	1.643631	38.78317	18.69654	20.08663	33.47622	7
1635.535	1635.992	967.9917	76.96	128.53	73.68	68.24	63.51254	0	36.48746	8.573556	27.9139	34.69112	7
1635.54	1635.997	967.9966	83.2	133.25	82.58	83.74	36.0145	7.015725	56.96977	29.07843	27.89134	30.88792	7
1635.545	1636.002	968.0016	84.56	122.93	83.67	86.86	39.35324	5.924388	54.72237	32.54486	22.17751	30.91621	7
1635.55	1636.006	968.0065	83.69	61.79	83.69	87.22	48.05202	4.181426	47.76655	25.16473	22.60183	32.53398	7
1635.555	1636.011	968.0114	81.94	50.77	80.86	80.25	60.69886	0	39.30114	24.67842	14.62272	35.19257	7
1635.56	1636.016	968.0163	84.11	55.04	83.61	82.98	53.17412	2.375987	44.44989	14.20445	30.24544	34.12863	7
1635.565	1636.021	968.0212	87.28	54.2	87.32	87.66	46.276	5.388537	48.33546	33.0782	15.25727	33.16441	7
1635.57	1636.026	968.0261	84.69	63.18	83.89	82.21	52.99564	2.20131	44.80305	32.32056	12.48249	34.20293	7
1635.575	1636.031	968.031	85.93	127.35	83.96	84.39	45.3932	3.231796	51.375	28.1894	23.18561	31.94931	7
1635.58	1636.036	968.036	82.33	89.49	81.26	79.98	50.89232	2.590941	46.51674	18.2439	28.27284	33.24385	7
1635.585	1636.041	968.0409	88.7	121.31	87.84	85.02	35.70398	7.220242	57.07578	27.11289	29.96289	32.10545	7
1635.59	1636.046	968.0458	91.23	101.11	91.36	90.65	30.59228	11.07668	58.33104	33.52258	24.80846	31.82404	7
1635.595	1636.051	968.0507	87.54	81.68	86.28	83.65	49.46164	2.762955	47.77541	17.73021	30.04519	33.78549	7
1635.6	1636.056	968.0556	85.17	58.2	84.08	81.73	56.0067	1.111651	42.88165	23.4959	19.38575	34.92916	7
1635.605	1636.061	968.0605	85.58	46.8	85.35	86.57	51.7233	3.206009	45.07069	13.38733	31.68336	33.76411	7
1635.61	1636.065	968.0654	85.96	52.26	85.55	86.81	51.44738	3.130866	45.42175	14.11016	31.3116	33.65734	7
1635.615	1636.07	968.0703	87.01	70.23	86.12	85.75	49.85264	3.100394	47.04697	25.24266	21.80431	33.54047	7
1635.62	1636.075	968.0753	91.37	157.99	89.06	87.47	35.60852	4.772106	59.61937	39.58197	20.0374	31.67481	7
1635.625	1636.08	968.0802	95.78	75.12	95.35	95.85	37.03586	9.386	53.57814	29.02295	24.55519	32.28494	7
1635.63	1636.085	968.0851	95.53	97.32	95.39	94	29.64596	12.28903	58.06501	24.98951	33.0755	32.04024	7
1635.635	1636.09	968.09	95.18	175.2	96.14	97.65	2.596	23.31925	74.08475	74.08475	0	-9999	7
1635.64	1636.095	968.0949	99.02	137.38	100.24	102.91	6.20064	26.6735	67.12586	56.38969	10.73617	-9999	7
1635.645	1636.1	968.0998	92.54	86.44	92.77	95.06	32.16222	11.38918	56.4486	24.26006	32.18854	31.466	7
1635.65	1636.105	968.1047	81.35	63.34	80.55	76.77	56.02972	1.29905	42.67123	26.58046	16.09077	34.8595	7
1635.655	1636.11	968.1097	82.8	60.85	81.95	83.44	55.6858	1.370405	42.94379	29.03938	13.90441	33.9659	7
1635.66	1636.115	968.1146	84.61	75.32	84.04	84.51	48.34886	3.698437	47.9527	22.89761	25.05509	32.97238	7
1635.665	1636.119	968.1195	82.8	70.52	83.1	84.62	44.43316	5.293358	50.27348	22.5072	27.76628	32.34547	7
1635.67	1636.124	968.1244	84.53	99.82	83.42	82.37	46.67846	3.698268	49.62327	19.44885	30.17442	32.67501	7
1635.675	1636.129	968.1293	85.22	96.93	83.39	81.76	52.32304	1.500723	46.17624	26.34671	19.82952	33.60498	7
1635.68	1636.134	968.1342	79.95	58.11	79.42	78.96	56.49088	1.259276	42.24984	27.89633	14.35352	34.33039	7
1635.685	1636.139	968.1391	78.45	89.04	77.57	74.09	53.09832	2.177823	44.72386	28.97904	15.74482	33.68848	7
1635.69	1636.144	968.1441	80.65	89.86	80.74	79.02	43.35838	5.180083	51.46154	23.26889	28.19265	32.43129	7

1635.695	1636.149	968.149	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1636	1636.449	968.4487	103.94	84.4	104.67	105.43	18.2929	25.91354	55.79356	41.15187	14.6417	31.02639	10
1636.005	1636.454	968.4536	105	62.88	105.53	106.1	24.07554	24.19136	51.7331	26.04966	25.68344	31.03294	10
1636.01	1636.459	968.4585	102.72	54.69	103.25	102.84	28.15512	20.62747	51.21741	19.06837	32.14904	31.56959	10
1636.015	1636.463	968.4634	99.72	70.91	99.78	99.65	30.63238	15.04476	54.32286	31.01008	23.31278	31.90694	10
1636.02	1636.468	968.4683	99.95	79.13	100.67	101.98	23.31654	20.38411	56.29935	31.02676	25.27258	31.24271	10
1636.025	1636.473	968.4733	102.16	57.55	102.55	101.61	29.0632	19.04481	51.89199	24.36143	27.53056	31.79899	10
1636.03	1636.478	968.4782	103.69	45.08	103.54	102.63	34.85834	15.5937	49.54796	26.23526	23.3127	32.31434	10
1636.035	1636.483	968.4831	102.37	55.04	102.43	102.9	32.03492	16.56036	51.40472	33.82118	17.58354	31.81474	10
1636.04	1636.488	968.488	99.54	74.98	99.98	98.71	26.86804	17.71752	55.41444	24.98883	30.42561	31.87612	10
1636.045	1636.493	968.4929	97.12	81.45	96.74	94.55	33.8837	10.95569	55.16061	29.64059	25.52002	32.52807	10
1636.05	1636.498	968.4978	97	74.97	96.78	95.57	34.32226	11.36195	54.31579	30.73519	23.5806	32.38614	10
1636.055	1636.503	968.5027	97.8	72.47	97.37	96.15	35.81876	10.51596	53.66528	28.64613	25.01915	32.54956	10
1636.06	1636.508	968.5076	97.32	91.35	97.07	96.37	30.2964	12.52162	57.18198	27.27523	29.90675	31.99568	10
1636.065	1636.513	968.5126	99.31	130.84	99.94	101.79	12.08902	22.53621	65.37477	56.68381	8.690964	31.46664	10
1636.07	1636.517	968.5175	101.26	87.57	101.65	101.22	22.62636	20.05205	57.32159	29.29642	28.02517	31.55614	10
1636.075	1636.522	968.5224	102.53	80.6	102.72	103.46	24.6947	19.46439	55.84091	40.5066	15.33431	31.36138	10
1636.08	1636.527	968.5273	102.62	78.4	102.8	103.23	25.2218	19.33684	55.44136	22.66077	32.78059	31.42997	10
1636.085	1636.532	968.5322	102.32	75.68	102.08	100.98	29.41104	15.61678	54.97218	23.2539	31.71827	32.02194	10
1636.09	1636.537	968.5371	103	77.49	102.81	102.29	27.95992	16.77056	55.26952	34.66406	20.60546	31.80597	10
1636.095	1636.542	968.542	102.61	78.53	102.49	101.94	27.52454	17.00255	55.47291	28.45696	27.01594	31.78443	10
1636.1	1636.547	968.547	100.54	86.7	100.63	101.94	25.8243	17.08548	57.09022	41.71907	15.37115	31.39094	10
1636.105	1636.552	968.5519	100.7	95.56	100.83	100.42	23.22298	18.12176	58.65526	32.35937	26.29589	31.63907	10
1636.11	1636.557	968.5568	103.29	62.87	103.37	103.82	29.13866	18.23132	52.63002	25.17355	27.45647	31.57992	10
1636.115	1636.562	968.5617	104.18	60.81	104	101.7	30.83338	16.91539	52.25123	31.41112	20.84011	32.23942	10
1636.12	1636.567	968.5666	104.04	58.7	103.85	102.05	31.5503	16.5452	51.9045	29.57521	22.32929	32.20657	10
1636.125	1636.572	968.5715	102.81	56.86	102.39	102.04	34.90968	13.41742	51.6729	21.52459	30.14831	32.33304	10
1636.13	1636.576	968.5764	102.19	55.47	101.94	101.57	34.49896	14.05761	51.44343	30.99426	20.44917	32.26422	10
1636.135	1636.581	968.5814	100.94	52.54	100.61	100.11	36.97802	12.18731	50.83467	19.91126	30.92341	32.56833	10
1636.14	1636.586	968.5863	101.46	57.52	101.25	99.68	34.36446	13.82937	51.80617	34.5242	17.28196	32.4784	10
1636.145	1636.591	968.5912	100.52	56.82	100.06	98.57	37.33616	11.23926	51.42458	17.4362	33.98837	32.81106	10
1636.15	1636.596	968.5961	100.86	55.2	100.55	100.16	36.2529	12.4404	51.3067	35.73743	15.56927	32.46849	10
1636.155	1636.601	968.601	100.57	49.93	100.45	99.57	36.32254	13.16156	50.5159	25.53259	24.98331	32.53518	10
1636.16	1636.606	968.6059	100.29	57.93	99.98	99.92	36.11664	12.15504	51.72832	32.67924	19.04908	32.39474	10
1636.165	1636.611	968.6108	99.47	58.9	99.63	99.77	32.9938	14.67434	52.33186	29.62044	22.71142	32.01704	10
1636.17	1636.616	968.6157	99.51	53.97	99.45	98.51	35.85506	12.91292	51.23202	17.75303	33.47899	32.50002	10
1636.175	1636.621	968.6207	99.17	52.87	98.98	98.33	37.44156	11.70328	50.85516	30.17857	20.67659	32.62688	10
1636.18	1636.626	968.6256	98.56	48.43	98.27	98.44	39.85224	10.29257	49.85519	18.51153	31.34366	32.76284	10
1636.185	1636.63	968.6305	97.17	47.52	97.27	97.33	38.32876	11.51777	50.15347	24.37609	25.77738	32.57031	10
1636.19	1636.635	968.6354	97.11	60.52	97.19	97.51	35.39296	12.22797	52.37907	23.36218	29.01688	32.20838	10
1636.195	1636.64	968.6403	97.5	59.74	97.57	97.77	35.30042	12.43285	52.26673	35.67408	16.59265	32.22504	10
1636.2	1636.645	968.6452	96.7	67.2	96.72	97.45	34.6186	12.00388	53.37752	22.38791	30.9896	32.05324	10
1636.205	1636.65	968.6501	96.06	73.05	95.86	96.21	35.4967	10.68644	53.81686	25.17624	28.64062	32.17943	10
1636.21	1636.655	968.6551	96.13	72.34	95.81	95.94	36.53412	10.0218	53.44408	19.19392	34.25016	32.31878	10
1636.215	1636.66	968.66	96.95	69.55	96.68	96.98	36.0674	10.67152	53.26108	24.48462	28.77646	32.26949	10
1636.22	1636.665	968.6649	97.31	53.78	96.94	96.68	40.32754	9.274869	50.39759	17.85541	32.54218	32.87498	10
1636.225	1636.67	968.6698	98.4	48.85	98.16	95.61	39.5103	10.51149	49.97821	31.73269	18.24552	33.21666	10
1636.23	1636.675	968.6747	100.65	61.99	100.74	99.98	31.70292	15.52363	52.77345	25.61323	27.16022	32.0699	10
1636.235	1636.68	968.6796	101.12	70.82	100.98	100.62	30.91616	14.92453	54.15931	35.01895	19.14036	31.9771	10
1636.24	1636.685	968.6845	102.39	70.64	102.14	99.94	30.64382	15.26564	54.09054	26.89619	27.19434	32.2985	10
1636.245	1636.689	968.6894	102.96	65.95	103.11	102.62	28.1544	18.63551	53.21009	36.96583	16.24427	31.6973	10
1636.25	1636.694	968.6944	104.26	64.5	104.09	103.57	29.7893	17.33144	52.87926	28.41486	24.4644	31.83696	10
1636.255	1636.699	968.6993	106.2	62.71	106.31	106.24	26.26768	21.94413	51.78819	26.02547	25.76272	31.30758	10
1636.26	1636.704	968.7042	105.95	64.09	105.94	105.98	27.09372	20.61444	52.29184	28.85793	23.43391	31.40832	10
1636.265	1636.709	968.7091	105.88	71.9	105.63	104.14	27.1281	18.87724	53.99466	36.61455	17.38011	31.82586	10
1636.27	1636.714	968.714	106.46	77.97	106.35	103.87	24.04056	21.24053	54.71891	32.83553	21.88337	31.79648	10
1636.275	1636.719	968.7189	106.95	86.39	106.84	101.31	21.55212	22.40359	56.04429	43.47225	12.57204	32.29024	10
1636.28	1636.724	968.7238	106.09	88.39	105.84	104.09	22.94432	20.22279	56.83289	25.15704	31.67585	31.75229	10
1636.285	1636.729	968.7288	107.14	88.75	107.11	104.76	20.1862	23.5735	56.2403	26.63442	29.60588	31.6382	10
1636.29	1636.734	968.7337	108.08	92.06	108.18	106.43	17.51288	26.35678	56.13034	46.26681	9.863529	31.37509	10
1636.295	1636.739	968.7386	107.56	89.85	107.55	106.25	19.3786	24.3893	56.2321	33.32702	22.90507	31.3948	10
1636.3	1636.743	968.7435	106.21	82.41	105.89	104.61	24.82358	19.31181	55.86461	36.92431	18.94031	31.72825	10
1636.305	1636.748	968.7484	106.28	81.65	106	106.61	24.6331	19.70421	55.66269	40.46245	15.20023	31.34813	10
1636.31	1636.753	968.7533	106.4	77.6	106	105.3	26.4328	18.45762	55.10958	28.18611	26.92347	31.70033	10
1636.315	1636.758	968.7582	106.02	71.42	105.83	105.89	26.65046	19.54579	53.80375	40.06349	13.74026	31.47927	10
1636.32	1636.763	968.7632	106.96	63.48	106.81	106.02	27.39714	20.48605	52.11681	35.27153	16.84529	31.56548	10
1636.325	1636.768	968.7681	106.24	71.33	106.2	107.14	25.30734	21.17904	53.51362	24.49364	29.01998	31.17294	10
1636.33	1636.773	968.773	106.27	75.2	105.8	104.35	27.6757	17.51975	54.80455	39.60865	15.1959	31.93335	10
1636.335	1636.778	968.7779	104.3	85.21	103.53	101.39	29.39068	13.82119	56.78813	39.23199	17.55614	32.34524	10
1636.34	1636.783	968.7828	104.23	78.13	103.57	102.98	30.31594	14.18046	55.5036	38.71908	16.78452	32.07339	10
1636.345	1636.788	968.7877	103.77	74.79	103.45	103.46	28.91242	16.29953	54.78805	30.17213	24.61592	31.76953	10
1636.35	1636.793	968.7926	103.66	69.86	103.69	104.85	27.49418	18.70357	53.80225	27.54325	26.259	31.36473	10
1636.355	1636.798	968.7975	103.25	69.88	103.02	102.35	29.88154	16.18545	53.93301	38.7426	15.19041	31.93597	10

1636.36	1636.802	968.8025	103.74	58.03	103.59	104.6	31.67844	16.51927	51.80229	23.36061	28.44168	31.69377	10
1636.365	1636.807	968.8074	104.63	66.97	104.55	105.32	28.15366	18.65784	53.1885	31.27761	21.91089	31.45208	10
1636.37	1636.812	968.8123	102.7	68.31	102.3	103.2	32.08498	14.24664	53.66838	29.37121	24.29717	31.86017	10
1636.375	1636.817	968.8172	102.49	63.59	102.15	102.45	32.95542	14.19827	52.84631	35.00263	17.84367	32.02495	10
1636.38	1636.822	968.8221	102.05	53.12	101.74	101.43	35.66146	13.32469	51.01385	20.65441	30.35944	32.37918	10
1636.385	1636.827	968.827	102.93	49.4	102.76	100.84	34.6671	14.96254	50.37036	27.36808	23.00228	32.51852	10
1636.39	1636.832	968.8319	104.25	39.68	104.06	101.44	35.95994	15.47861	48.56145	21.3782	27.18325	32.72188	10
1636.395	1636.837	968.8369	105.32	45.78	105.21	103.19	32.87934	17.73921	49.38145	26.56538	22.81607	32.23334	10
1636.4	1636.842	968.8418	105.86	54.84	105.69	103.13	30.65502	18.42656	50.91842	19.21407	31.70435	32.16518	10
1636.405	1636.847	968.8467	106.38	64.12	106.44	104.83	26.14836	21.80117	52.05047	36.91548	15.13499	31.59783	10
1636.41	1636.852	968.8516	106.91	65.33	106.9	106.04	25.91044	21.89241	52.19715	25.50913	26.68801	31.44115	10
1636.415	1636.857	968.8565	106.87	75.93	106.7	104.15	24.62204	21.02721	54.35075	25.38167	28.96908	31.8203	10
1636.42	1636.861	968.8614	107.56	78.44	107.33	106.22	23.84482	21.44509	54.71009	38.05128	16.65881	31.51492	10
1636.425	1636.866	968.8663	106.96	59.1	107	106.88	26.9846	22.01842	50.99698	26.96175	24.03523	31.30576	10
1636.43	1636.871	968.8712	106.35	52.36	106.37	105.02	29.33188	20.59412	50.074	27.91549	22.15851	31.71635	10
1636.435	1636.876	968.8762	106.7	58.11	106.96	106.37	25.75838	23.72624	50.51538	29.36266	21.15271	31.24057	10
1636.44	1636.881	968.8811	106.67	51.22	106.86	105.86	27.99586	22.54635	49.45779	22.18067	27.27712	31.4489	10
1636.445	1636.886	968.886	105.89	63.66	105.78	105.21	28.02798	19.60089	52.37113	30.24354	22.12759	31.61846	10
1636.45	1636.891	968.8909	107.6	54.83	107.72	107.57	26.80914	23.37669	49.81417	19.88325	29.93092	31.17863	10
1636.455	1636.896	968.8958	107.64	50.44	107.53	106.76	29.61722	20.8395	49.54328	18.12718	31.41611	31.57878	10
1636.46	1636.901	968.9007	107.48	65.94	107.11	106.15	28.02842	19.13932	52.83226	36.00268	16.82958	31.71755	10
1636.465	1636.906	968.9056	107	72.8	106.83	104.35	25.2599	20.9718	53.7683	29.47703	24.29127	31.81141	10
1636.47	1636.911	968.9106	107.62	69.3	107.65	107.98	23.9865	23.48032	52.53318	26.98889	25.54429	31.07022	10
1636.475	1636.915	968.9155	107.31	50.35	107.04	106.22	31.1826	18.86117	49.95623	21.83819	28.11804	31.82138	10
1636.48	1636.92	968.9204	106.49	50.71	106.22	106.02	31.84988	17.94296	50.20716	25.95613	24.25103	31.81879	10
1636.485	1636.925	968.9253	105.97	58.08	106.06	106.14	27.75474	21.15307	51.09219	36.61963	14.47256	31.36982	10
1636.49	1636.93	968.9302	108.25	60.95	108.28	108.55	25.4276	23.77441	50.79799	26.23531	24.56267	31.03925	10
1636.495	1636.935	968.9351	107.65	59.19	107.61	107.28	26.94802	22.13927	50.91271	32.1615	18.75121	31.32089	10
1636.5	1636.94	968.94	107.58	52.04	107.79	108.43	26.80522	24.06375	49.13103	23.0123	26.11873	30.97222	10
1636.505	1636.945	968.945	107.14	54.66	107.5	108	25.41348	25.10052	49.486	18.36755	31.11845	30.9076	10
1636.51	1636.95	968.9499	107.84	51.15	107.92	106.51	27.7889	23.05712	49.15398	32.31869	16.83529	31.44966	10
1636.515	1636.955	968.9548	107.48	49.59	107.71	108.22	27.33512	23.9562	48.70868	22.81404	25.89463	31.01612	10
1636.52	1636.96	968.9597	108.56	47.75	108.94	109.88	25.6243	27.01112	47.36458	30.60316	16.76143	30.60757	10
1636.525	1636.965	968.9646	108.51	45.71	109	109.56	25.31148	27.96602	46.7225	23.82382	22.89868	30.58893	10
1636.53	1636.97	968.9695	109.32	44.84	109.32	110.57	28.57432	23.88119	47.54449	24.83578	22.70871	30.86295	10
1636.535	1636.974	968.9744	109.4	50.09	109.75	111.24	24.51772	28.19959	47.28269	34.17666	13.10603	30.36171	10
1636.54	1636.979	968.9793	108.82	45.31	108.91	109.78	28.22308	24.15556	47.62136	28.52065	19.10071	30.9125	10
1636.545	1636.984	968.9843	108.01	41.33	107.86	107.85	31.79144	20.29543	47.91313	17.09048	30.82265	31.5668	10
1636.55	1636.989	968.9892	106.86	42.96	106.94	106.32	30.67248	21.18428	48.14324	27.11285	21.0304	31.57279	10
1636.555	1636.994	968.9941	107.18	38.16	107.14	107.43	32.46968	20.11252	47.4178	31.89141	15.52639	31.57392	10
1636.56	1636.999	968.999	107.25	42.05	107.04	107.85	32.7814	18.81095	48.40765	24.04611	24.36155	31.60396	10
1636.565	1637.004	969.0039	106.68	50.4	106.26	105.28	32.9126	16.73438	50.35302	36.64785	13.70517	32.11521	10
1636.57	1637.009	969.0088	106.96	59.73	106.41	106.82	31.40464	16.44076	52.1546	29.08557	23.06903	31.80423	10
1636.575	1637.014	969.0137	109.71	73.92	109.65	112.14	21.64316	25.74909	52.60775	22.57143	30.03631	30.44903	10
1636.58	1637.019	969.0187	111.5	65.63	111	112.7	25.41254	22.62946	51.958	31.7372	20.2208	30.81958	10
1636.585	1637.024	969.0236	111.2	63.53	110.75	110.2	25.80924	22.67994	51.51082	28.27895	23.23186	31.23597	10
1636.59	1637.028	969.0285	109.97	84.35	109.59	110	21.3599	23.28001	55.36009	26.50324	28.85686	31.07476	10
1636.595	1637.033	969.0334	109.03	84.71	108.87	111.06	20.43258	24.45194	55.11548	33.19995	21.91554	30.67804	10
1636.6	1637.038	969.0383	110.3	70.16	109.88	110.67	24.80028	22.30084	52.89888	32.68083	20.21805	31.04299	10
1636.605	1637.043	969.0432	109.87	73.96	109.31	109.04	25.36128	20.48916	54.14956	28.77342	25.37614	31.41926	10
1636.61	1637.048	969.0481	112.62	95.31	111.59	113.54	21.30708	19.61055	59.08237	37.72138	21.36099	31.13508	10
1636.615	1637.053	969.053	113.16	105.84	111.78	108.82	20.97452	16.5662	62.45928	46.85945	15.59982	32.37286	10
1636.62	1637.058	969.058	115.13	112.64	113.51	110.27	19.37652	15.59664	65.02684	40.06562	24.96122	32.59406	10
1636.625	1637.063	969.0629	115.47	98.5	113.41	108.18	25.8956	8.990994	65.11341	47.77897	17.33444	33.56044	10
1636.63	1637.068	969.0678	114.15	68.82	112.78	110.37	28.94506	15.08047	55.97447	40.45277	15.5217	32.39082	10
1636.635	1637.073	969.0727	113.48	57.98	112.53	110.59	28.92974	19.03889	52.03137	36.46115	15.57022	31.87651	10
1636.64	1637.078	969.0776	114.11	71.86	112.39	110.52	30.95868	10.7799	58.26142	36.53923	21.72219	32.81862	10
1636.645	1637.083	969.0825	115.26	86.38	113.63	112	25.68934	13.79369	60.51697	44.48345	16.03352	32.35427	10
1636.65	1637.087	969.0874	117.18	81.95	115.53	114.41	25.15	14.80676	60.04324	29.2014	30.84184	32.13022	10
1636.655	1637.092	969.0924	117.18	92.56	115.52	113.67	22.65988	15.37489	61.96523	34.1593	27.80594	32.23561	10
1636.66	1637.097	969.0973	115.11	71.19	113.86	112.02	26.55832	17.7767	55.66498	26.04021	29.62477	31.94429	10
1636.665	1637.102	969.1022	115.05	62.6	113.94	113.33	27.6073	19.04214	53.35056	37.00671	16.34385	31.58245	10
1636.67	1637.107	969.1071	114.19	71.05	112.89	110.41	27.8261	16.17474	55.99916	24.84885	31.15032	32.26276	10
1636.675	1637.112	969.112	113.56	78.34	112.71	110.14	23.15402	21.78878	55.0572	28.84823	26.20897	31.67905	10
1636.68	1637.117	969.1169	110.72	69.48	109.16	108.08	33.41344	10.16372	56.42284	30.27953	26.14331	32.79155	10
1636.685	1637.122	969.1218	107.46	82.77	106	106	32.42146	9.951461	57.62708	34.77614	22.85093	32.45696	10
1636.69	1637.127	969.1268	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1637.015	1637.445	969.445	93.73	74.85	93.17	100.33	39.9947	7.53655	52.46875	18.40494	34.06381	31.25918	10
1637.02	1637.45	969.45	103.03	52.3	103.44	102.35	29.3783	19.88187	50.73983	18.49457	32.24526	31.76774	10
1637.025	1637.455	969.455	102.25	56.13	102.54	103.71	30.09904	18.27801	51.62295	35.61226	16.01068	31.48468	10
1637.03	1637.46	969.46	101.44	50.8	101.22	101.57	36.0866	13.28541	50.62799	20.92466	29.70333	32.28337	10
1637.035	1637.465	969.465	97.73	56.3	97.66	97.06	37.0063	11.53897	51.45473	18.85993	32.5948	32.54402	10
1637.04	1637.47	969.47	96.35	50.55	96.32	96.18	39.3574	10.32796	50.31464	21.13617	29.17847	32.70776	4

1637.045	1637.475	969.475	91.42	51.13	90.32	88.61	52.04514	2.493808	45.46105	24.14308	21.31798	34.61537	4
1637.05	1637.48	969.48	89.18	27.16	88.48	87	56.80668	1.646183	41.54714	23.69763	17.84951	35.56518	4
1637.055	1637.485	969.485	89.97	32.27	89.53	87.78	52.82826	3.348415	43.82332	21.48541	22.33791	34.86105	4
1637.06	1637.49	969.49	90.42	21.08	90.37	90.76	52.09974	4.427342	43.47292	15.51971	27.95321	34.46515	4
1637.065	1637.495	969.495	89.89	13.04	90.04	90.04	52.98302	4.42074	42.59624	12.68982	29.90641	34.75127	4
1637.07	1637.5	969.5	90.43	10.23	90.76	90.63	51.77124	5.315965	42.91279	15.4031	27.5097	34.60187	4
1637.075	1637.505	969.505	90.13	10.84	90.39	90.61	52.44212	4.873735	42.68415	23.44161	19.24253	34.64185	4
1637.08	1637.51	969.51	89.07	15.84	88.89	88.18	55.61732	2.845569	41.53711	11.90373	29.63338	35.3112	4
1637.085	1637.515	969.515	89.96	22.22	89.94	89.53	52.01456	4.377568	43.60787	14.91264	28.69523	34.57193	4
1637.09	1637.52	969.52	91.92	24.97	91.75	91.52	50.70836	5.00421	44.28743	31.72974	12.5577	34.35796	4
1637.095	1637.525	969.525	93.36	34.5	93.24	92.12	46.6898	6.735105	46.57509	24.86116	21.71394	33.85947	4
1637.1	1637.53	969.53	93.24	23.21	92.71	92.35	52.70988	3.938943	43.35118	20.13503	23.21615	34.80466	4
1637.105	1637.535	969.535	96.63	30.88	96.7	96.5	43.08494	9.786681	47.12838	24.67315	22.45523	33.23662	4
1637.11	1637.54	969.54	94.11	36.34	93.52	92.47	49.19702	4.990311	45.81267	32.49468	13.31799	34.26396	4
1637.115	1637.545	969.545	96.33	60.04	95.32	94.35	44.67422	5.53898	49.7868	23.07658	26.71022	33.54555	4
1637.12	1637.55	969.55	99.23	74.97	98.72	94.32	34.51816	11.18231	54.29953	22.33205	31.96748	33.0442	4
1637.125	1637.555	969.555	98.19	52.64	97.84	97.77	39.63882	9.933925	50.42725	28.84425	21.58301	32.76743	4
1637.13	1637.56	969.56	95.92	23.54	96.05	96.26	45.04942	9.078553	45.87203	28.71123	17.1608	33.45805	4
1637.135	1637.565	969.565	91.92	22.76	91.62	91.67	52.25068	4.270687	43.47863	15.134	28.34464	34.59317	4
1637.14	1637.57	969.57	92.06	54.73	90.83	90.81	51.59264	2.404098	46.00326	18.36863	27.63463	34.23495	4
1637.145	1637.575	969.575	90.95	28.17	90.63	90.35	51.98886	4.042345	43.9688	16.15028	27.81852	34.52432	4
1637.15	1637.58	969.58	91.79	58.53	90.33	88.89	52.70394	1.598927	45.69713	23.91997	21.77716	34.6375	4
1637.155	1637.585	969.585	92.13	70.25	90.65	87.65	49.7099	2.401458	47.88864	18.70502	29.18362	34.34314	4
1637.16	1637.59	969.59	91.46	94.51	88.65	87.83	54.76288	0	45.23712	15.68549	29.55163	32.47425	4
1637.165	1637.595	969.595	89.77	34.01	88.69	88.04	57.55118	0.857878	41.59094	29.45659	12.13435	35.51942	4
1637.17	1637.6	969.6	87.06	18.45	86.59	85.84	59.0824	1.069227	39.84837	10.26831	29.58006	35.88076	4
1637.175	1637.605	969.605	85.56	27.93	84.33	83.49	64.05824	0	35.94176	9.413094	26.52867	35.00076	4
1637.18	1637.61	969.61	84.45	28.98	83.26	81.5	64.51534	0	35.48466	15.34455	20.14011	35.08009	4
1637.185	1637.615	969.615	82.81	32.63	82.13	81.21	61.18834	0	38.81166	18.76158	20.05008	35.80912	4
1637.19	1637.62	969.62	84.22	31.14	83.82	84.35	58.08172	1.102063	40.81622	22.38747	18.42875	35.1183	4
1637.195	1637.625	969.625	83.98	26.25	83.42	82.83	60.7259	0.210835	39.06327	18.5026	20.56067	35.90889	4
1637.2	1637.63	969.63	86.01	40.91	85.84	86.27	52.28808	3.184368	44.52755	15.38164	29.14591	34.08479	4
1637.205	1637.635	969.635	85.02	30.57	84.33	82.94	59.73116	0.440264	39.82858	22.88749	16.94109	35.84792	4
1637.21	1637.64	969.64	88.68	36.08	88.11	88.33	54.10054	2.542495	43.35696	17.34088	26.01609	34.6151	4
1637.215	1637.645	969.645	91.89	51.03	90.29	88	55.51194	0.53203	43.95603	11.81468	32.14135	35.39558	4
1637.22	1637.65	969.65	92.75	39.58	91.94	89.47	51.36914	3.509178	45.12168	31.45331	13.66837	34.81179	4
1637.225	1637.655	969.655	92.5	39.49	91.91	89.98	49.91592	4.387923	45.69616	27.3726	18.32356	34.45199	4
1637.23	1637.66	969.66	90.51	37.63	89.24	87.71	57.46684	0.590208	41.94295	13.65789	28.28507	35.67554	4
1637.235	1637.665	969.665	90.56	32.87	89.43	87.86	57.48776	0.844287	41.66795	21.93953	19.72843	35.73971	4
1637.24	1637.67	969.67	88.39	18.91	87.76	87.43	58.98748	1.044843	39.96768	28.65256	11.31512	35.84696	4
1637.245	1637.675	969.675	87.21	24.27	86.51	85.88	59.31846	0.718226	39.96331	15.05324	24.91007	35.83863	4
1637.25	1637.68	969.68	85.53	16.01	84.9	84.2	62.32048	0	37.67952	16.70247	20.97705	36.25422	4
1637.255	1637.685	969.685	86.26	25.96	85.41	84.7	60.94598	0.009338	39.04468	23.00396	16.04072	36.11598	4
1637.26	1637.69	969.69	87.09	51.59	84.96	83.49	63.89992	0	36.10008	16.79691	19.30317	33.50499	4
1637.265	1637.695	969.695	88.27	46.82	86.77	86.45	59.08616	0	40.91384	13.02405	27.88979	35.17335	4
1637.27	1637.7	969.7	88.95	61.97	86.95	84.91	58.66926	0	41.33074	21.93632	19.39442	34.41646	4
1637.275	1637.705	969.705	89.77	57.43	88.61	88.81	52.50354	2.12976	45.3667	22.73831	22.62839	34.16555	4
1637.28	1637.71	969.71	91.67	85.21	90.84	89.77	41.47528	6.038409	52.48631	18.79627	33.69004	32.7505	4
1637.285	1637.715	969.715	94.95	130.79	91.24	88	49.74732	0	50.25268	24.58184	25.67084	29.99963	4
1637.29	1637.72	969.72	98.13	260.66	92.8	86.25	27.94818	0	72.05182	33.59796	38.45386	28.41352	4
1637.295	1637.725	969.725	96.38	313.2	88.77	83.73	34.5135	0	65.4865	20.88268	44.60382	20.79939	4
1637.3	1637.73	969.73	97.36	252.1	93.56	84.37	18.8706	4.223822	76.90558	40.02229	36.88329	32.97013	4
1637.305	1637.735	969.735	95.81	256.16	92.61	79.74	14.66408	7.637995	77.69792	59.89159	17.80633	33.62272	4
1637.31	1637.74	969.74	95.22	237.9	90.63	81.94	30.3983	0.3157	69.286	43.67922	25.60678	32.52528	4
1637.315	1637.745	969.745	92.44	217.15	87.09	81.35	43.8674	0	56.1326	25.4881	30.6445	28.59535	4
1637.32	1637.75	969.75	89.65	104.92	86.57	81.98	56.00136	0	43.99864	10.86165	33.13699	32.70002	4
1637.325	1637.755	969.755	86.09	57.7	84.41	81.74	59.8538	0	40.1462	13.85726	26.28894	35.01544	4
1637.33	1637.76	969.76	89.6	60.02	88.22	86.39	53.73816	1.415479	44.84636	18.48208	26.36428	34.71065	4
1637.335	1637.765	969.765	91.46	80.44	91	90.72	39.95532	7.222246	52.82243	20.5722	32.25024	32.48598	4
1637.34	1637.77	969.77	86.4	57.57	85.18	83.18	56.03506	0.974421	42.99052	12.77974	30.21078	34.94933	2
1637.345	1637.775	969.775	82.53	29.23	82	81.3	61.10624	0.044707	38.84905	11.64384	27.20521	35.87391	2
1637.35	1637.78	969.78	79.65	16.89	79.21	77.8	66.04462	0	33.95538	13.92875	20.02663	35.20246	2
1637.355	1637.785	969.785	83.96	96.16	83.57	76.25	42.50858	5.430451	52.06097	33.61753	18.44344	33.44494	2
1637.36	1637.79	969.79	86.54	105.99	84.96	84.02	46.97862	3.11194	49.90944	22.2632	27.64624	32.7294	2
1637.365	1637.795	969.795	79.51	22.5	79.12	79.23	64.4283	0	35.5717	17.83465	17.73705	35.0849	2
1637.37	1637.8	969.8	80.32	20.98	79.98	79.31	63.66344	0	36.33656	18.98029	17.35627	35.48722	2
1637.375	1637.805	969.805	86.32	56.52	84.78	81.54	58.84276	0	41.15724	13.51527	27.64197	35.5165	2
1637.38	1637.81	969.81	83.16	32.92	82.23	80.86	62.73366	0	37.26634	6.574925	30.69141	35.4222	2
1637.385	1637.815	969.815	85.26	52.54	83.47	81.37	62.71862	0	37.28138	13.82682	23.45456	34.38463	2
1637.39	1637.82	969.82	94.87	87.98	93.24	90.28	44.06094	3.697719	52.24134	18.22808	34.01326	33.60036	2
1637.395	1637.825	969.825	99.24	142.26	96.59	95.24	34.80978	2.756856	62.43336	30.48257	31.9508	32.54858	2
1637.4	1637.83	969.83	100.03	148.92	97.43	92.59	32.08376	3.552075	64.36416	39.30852	25.05565	33.0686	2
1637.405	1637.835	969.835	99.24	141.76	95.74	91.43	41.51828	0	58.48172	27.09109	31.39063	30.97071	2

1637.41	1637.84	969.84	101.38	117.69	100.72	103.29	23.36442	14.60534	62.03024	34.80112	27.22912	31.22565	2
1637.415	1637.845	969.845	91.17	61.04	89.59	87.65	53.59692	1.108731	45.29435	15.05579	30.23856	34.81458	2
1637.42	1637.85	969.85	88.96	41.76	87.65	86.5	58.20338	0.270707	41.52591	10.1923	31.33361	35.59726	2
1637.425	1637.855	969.855	87.84	28.14	87.02	85.82	58.73232	0.777558	40.49012	18.41077	22.07935	35.8087	2
1637.43	1637.86	969.86	88.12	21.73	88.02	87.1	54.44594	3.088412	42.46565	31.8307	10.63495	35.02643	2
1637.435	1637.865	969.865	95.23	33.37	95.45	94.56	42.60786	9.704046	47.68809	28.35992	19.32817	33.27433	2
1637.44	1637.87	969.87	91.23	48.62	89.82	89.16	55.22986	0.978529	43.79161	29.54919	14.24242	35.00982	2
1637.445	1637.875	969.875	93.4	55.32	91.47	89.88	55.64206	0	44.35794	24.44759	19.91035	35.0236	2
1637.45	1637.88	969.88	91.05	28.53	90.82	89.63	51.11224	4.50403	44.38373	21.96288	22.42085	34.54043	2
1637.455	1637.885	969.885	87.29	27.87	86.82	86.57	56.59116	1.795571	41.61327	22.7048	18.90847	35.18469	2
1637.46	1637.89	969.89	102.23	60.95	102.39	103.19	29.9585	17.57965	52.46185	31.74513	20.71672	31.58075	2
1637.465	1637.895	969.895	104.4	59.39	104.16	102.55	31.43962	16.54574	52.01464	25.002	27.01264	32.15498	2
1637.47	1637.9	969.9	107.79	69.55	108.12	107.21	21.4446	26.77021	51.78519	29.4517	22.33349	31.03248	2
1637.475	1637.905	969.905	111.15	85.97	111.75	111	12.28726	36.66801	51.04473	44.31309	6.731636	30.41311	2
1637.48	1637.91	969.91	91.83	105.64	90.13	87.82	43.12652	3.786051	53.08743	18.76907	34.31835	32.97971	2
1637.485	1637.915	969.915	87.54	17.17	87.3	87.1	57.16806	1.998417	40.83352	20.34985	20.48367	35.43262	2
1637.49	1637.92	969.92	87.61	28.89	87.3	86.49	54.80992	2.567366	42.62271	17.64962	24.97309	34.96285	2
1637.495	1637.925	969.925	85.87	21.42	85.17	84.39	61.24096	0.067033	38.69201	22.41243	16.27958	36.2311	2
1637.5	1637.93	969.93	85.89	18.22	85.49	84.76	59.67196	0.839569	39.48847	26.87157	12.6169	35.93861	2
1637.505	1637.935	969.935	82.26	20.71	81.57	80.83	64.65648	0	35.34352	18.90825	16.43527	35.31926	2
1637.51	1637.94	969.94	84.59	22.79	84.29	83.35	58.98702	0.978931	40.03405	20.03952	19.99453	35.7075	2
1637.515	1637.945	969.945	81.6	9.4	81.65	81.18	62.2657	0	37.7343	11.25451	26.47979	36.33805	2
1637.52	1637.95	969.95	88.82	30.37	88.26	88.75	55.27606	2.251885	42.47206	18.97073	23.50132	34.84881	2
1637.525	1637.955	969.955	85.98	24.19	85.13	84.83	61.63192	0	38.36808	16.24225	22.12583	35.92023	2
1637.53	1637.96	969.96	86.69	23.14	86.18	85.57	58.59782	1.105719	40.29646	17.19	23.10646	35.67228	2
1637.535	1637.965	969.965	89.54	32.99	88.78	86.94	55.52962	1.948026	42.52235	22.03049	20.49187	35.3359	2
1637.54	1637.97	969.97	91.35	50.02	90.35	89.11	51.60316	2.813701	45.58314	15.31812	30.26502	34.45447	2
1637.545	1637.975	969.975	90.13	39.84	89.88	89.71	49.37662	4.709695	45.91369	15.37673	30.53696	33.93285	2
1637.55	1637.98	969.98	88.49	56.32	87.09	84.26	55.80976	0.804649	43.38559	20.37328	23.01231	35.22818	2
1637.555	1637.985	969.985	89.4	83.75	86.88	84.18	57.0145	0	42.9855	9.879561	33.10594	33.5243	2
1637.56	1637.99	969.99	83.23	39.87	82.24	81.06	61.45236	0	38.54764	19.99113	18.55651	35.44622	2
1637.565	1637.995	969.995	83.01	19.37	82.63	81.39	61.88826	0	38.11174	9.7735	28.33824	36.26001	2
1637.57	1638	970	85.22	39.36	83.76	82.06	63.38748	0	36.61252	9.078795	27.53372	34.79032	2
1637.575	1638.005	970.005	86.33	22.67	86.02	84.94	57.49276	1.613287	40.89395	17.61078	23.28317	35.52989	2
1637.58	1638.01	970.01	87.22	15.85	87	86.89	57.6269	1.840101	40.533	19.6852	20.84779	35.50739	2
1637.585	1638.015	970.015	87.68	28.13	87.71	87.73	52.29444	3.788514	43.91705	15.53389	28.38315	34.39094	2
1637.59	1638.02	970.02	89.51	41.05	88.53	87.41	55.3117	1.631263	43.05704	29.93078	13.12626	35.07078	2
1637.595	1638.025	970.025	89.14	31.64	88.52	88	55.13932	2.239326	42.62135	15.07351	27.54784	35.01149	2
1637.6	1638.03	970.03	88.95	47.33	87.59	83.88	57.25214	0.460591	42.28727	18.64837	23.6389	35.81019	2
1637.605	1638.035	970.035	89.54	51.89	88.28	87.82	54.83082	1.30423	43.86495	18.13863	25.72632	34.73955	2
1637.61	1638.04	970.04	90.34	64.96	88.56	86.09	54.96188	0.397735	44.64038	27.55499	17.08539	35.04978	2
1637.615	1638.045	970.045	95.29	99.61	94.67	85.73	33.03258	9.744774	57.22265	24.7738	32.44885	33.58788	2
1637.62	1638.05	970.05	100.82	69.51	100.61	98.88	32.05168	14.07349	53.87483	28.02524	25.84959	32.31534	2
1637.625	1638.055	970.055	89.07	37.27	88.32	87.41	54.84876	2.095573	43.05567	30.12627	12.92939	34.96239	2
1637.63	1638.06	970.06	85.6	18.88	85.04	84.29	61.01904	0.256621	38.72434	13.83434	24.89	36.19805	2
1637.635	1638.065	970.065	85.08	22.91	84.22	82.47	62.84718	0	37.15282	17.38066	19.77216	35.87768	2
1637.64	1638.07	970.07	89.59	47.73	88.39	86.13	55.32654	1.266342	43.40712	24.90035	18.50677	35.21389	2
1637.645	1638.075	970.075	93.25	65.28	92.12	89.63	47.16974	3.985808	48.84445	18.51097	30.33348	33.97524	2
1637.65	1638.08	970.08	88.27	37.59	87.27	85.35	57.44482	0.913158	41.64202	15.83602	25.806	35.58968	2
1637.655	1638.085	970.085	90.9	82.23	88.48	88.5	55.22734	0	44.77266	9.24404	35.52862	33.37135	2
1637.66	1638.09	970.09	93.93	125.93	91.9	87.59	38.84184	4.159212	56.99895	22.25685	34.7421	32.93453	2
1637.665	1638.095	970.095	100.35	182.28	102.08	97.37	0	35.25704	64.74296	64.74296	0	-9999	2
1637.67	1638.1	970.1	92.74	85.85	90.61	86.06	50.411	0.815414	48.77359	29.29596	19.47763	34.65161	2
1637.675	1638.105	970.105	88.51	94.85	85.04	84.12	62.5096	0	37.4904	17.2083	20.2821	30.69855	2
1637.68	1638.11	970.11	98.93	400.63	89.59	82.24	24.41694	0	75.58306	39.31964	36.26342	15.10942	2
1637.685	1638.115	970.115	116.1	147.82	116.39	117.35	0	46.92723	53.07277	53.07277	0	-9999	2
1637.69	1638.12	970.12	99.35	167.54	99.9	97.86	3.79082	24.51357	71.69561	66.81154	4.884075	-9999	2
1637.695	1638.125	970.125	83.77	64.87	82.31	80.24	58.54806	0.16101	41.29093	19.94587	21.34506	35.11226	2
1637.7	1638.13	970.13	81.4	36.81	80.63	80.11	62.17148	0	37.82852	15.36166	22.46686	35.2992	2
1637.705	1638.135	970.135	85.06	83.56	82.86	80.43	58.57328	0	41.42672	22.12581	19.30091	34.28565	2
1637.71	1638.14	970.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1638.015	1638.445	970.445	126.3	121.54	125	123.33	4.46632	35.70928	59.8244	59.8244	0	-9999	8
1638.02	1638.45	970.45	118.07	167.2	113.95	109.19	22.8432	0	77.1568	43.85218	33.30462	15.98552	8
1638.025	1638.455	970.455	114.29	181.93	113.1	111.12	0.04864	25.1949	74.75646	74.75646	0	-9999	8
1638.03	1638.46	970.46	110.3	95.43	108.44	104.39	29.84494	8.495267	61.65979	37.65851	24.00129	33.31157	8
1638.035	1638.465	970.465	110.49	76.52	109	106.98	31.37886	11.2314	57.38974	25.09374	32.296	32.74609	8
1638.04	1638.47	970.47	109.14	80.62	107.44	105.86	33.25616	8.503867	58.23997	23.37968	34.86029	32.96597	8
1638.045	1638.475	970.475	110.37	164.93	106.82	101.59	26.05904	0	73.94096	46.49016	27.4508	29.42444	8
1638.05	1638.48	970.48	108.52	125.67	106.04	98.59	28.96946	3.87828	67.15226	27.47142	39.68084	34.20874	8
1638.055	1638.485	970.485	108.3	85.25	106.89	105.96	30.661	11.12932	58.20968	42.38603	15.82365	32.46587	8
1638.06	1638.49	970.49	105.67	60.87	104.72	102.74	35.41556	11.758	52.82644	19.40079	33.42565	32.81781	8
1638.065	1638.495	970.495	102.92	54.52	101.61	98.61	42.27226	6.636956	51.09078	27.44687	23.64391	33.91903	8
1638.07	1638.5	970.5	99.19	37.6	98.32	96	46.3885	6.356407	47.25509	26.25063	21.00447	34.23324	8

1638.075	1638.505	970.505	99.07	24.35	98.57	97.78	46.8379	7.716338	45.44576	31.56538	13.88038	34.00242	8
1638.08	1638.51	970.51	100.08	29.17	99.86	98.65	42.57226	10.65151	46.77623	17.24366	29.53257	33.37686	8
1638.085	1638.515	970.515	101.55	53.6	100.62	97.29	40.8103	8.494361	50.69534	19.97768	30.71766	33.65287	8
1638.09	1638.52	970.52	99.76	53.39	98.87	94.83	42.19792	7.635079	50.167	20.35646	29.81054	33.91384	8
1638.095	1638.525	970.525	100.89	112.58	98.54	94.82	38.14934	2.738326	59.11233	27.72596	31.38637	33.52324	8
1638.1	1638.53	970.53	102.75	128.36	99.56	93.76	39.12938	0	60.87062	16.28612	44.5845	32.11357	8
1638.105	1638.535	970.535	108.27	216.15	104.43	98.19	17.8433	0	82.1567	50.19845	31.95825	31.65985	8
1638.11	1638.54	970.54	111.62	206.69	111.04	110.98	0	31.36031	68.63969	68.63969	0	-9999	8
1638.115	1638.545	970.545	106.2	186.95	103.26	97.26	19.8391	3.911683	76.24922	45.09465	31.15457	33.71525	8
1638.12	1638.55	970.55	101.43	156.31	98.5	96.5	31.56488	2.056779	66.37834	32.7857	33.59265	32.69823	8
1638.125	1638.555	970.555	101.94	173.63	97.16	94.55	41.24174	0	58.75826	34.60735	24.15091	22.52686	8
1638.13	1638.56	970.56	105.95	189.08	101.88	95.36	28.31114	0	71.68886	33.76224	37.92662	27.8464	8
1638.135	1638.565	970.565	104.67	168.5	102.91	96.35	16.5666	11.74676	71.68664	40.95023	30.73641	33.35228	8
1638.14	1638.57	970.57	105.44	185.69	105.1	97.18	0.69322	25.28587	74.02091	74.02091	0	-9999	8
1638.145	1638.575	970.575	104.94	247.71	105.57	99.22	0	37.48141	62.51859	62.51859	0	-9999	8
1638.15	1638.58	970.58	108.44	314.05	108.07	92.91	0	37.00235	62.99765	62.99765	0	-9999	8
1638.155	1638.585	970.585	113.39	388.22	113.92	119.37	0	60.71779	39.28221	39.28221	0	-9999	8
1638.16	1638.59	970.59	114.79	300.37	113.12	106.45	0	27.34163	72.65837	72.65837	0	-9999	8
1638.165	1638.595	970.595	119.03	297.82	120.44	117.26	0	84.76221	15.23779	15.23779	0	-9999	8
1638.17	1638.6	970.6	118.87	304.33	118.67	121.22	0	55.57426	44.42574	44.42574	0	-9999	8
1638.175	1638.605	970.605	111.06	283.29	109.51	97.35	0	24.93647	75.06353	75.06353	0	-9999	8
1638.18	1638.61	970.61	101.06	135.96	99.69	92.57	24.73998	10.75807	64.50195	45.1161	19.38585	33.1364	8
1638.185	1638.615	970.615	97.19	141.51	94.47	90.96	37.41978	2.231483	60.34874	22.06292	38.28581	32.91978	8
1638.19	1638.62	970.62	94.74	115.94	93.37	88.96	35.39922	6.8109	57.78988	34.5276	23.26228	32.8008	8
1638.195	1638.625	970.625	89.01	76.76	87.13	83.59	54.10488	0.577213	45.31791	13.04932	32.26859	34.83422	8
1638.2	1638.63	970.63	89.06	51.93	88.88	85.8	46.89274	5.276757	47.8305	16.75765	31.07285	33.94577	8
1638.205	1638.635	970.635	89.92	35.02	90.78	90	42.13376	8.918445	48.9478	35.62058	13.32721	33.14106	8
1638.21	1638.64	970.64	94.57	39.44	94.7	93	42.44362	9.140761	48.41562	19.08107	29.33455	33.36695	8
1638.215	1638.645	970.645	97.45	25.75	96.98	95.24	47.757	6.891483	45.35152	13.94863	31.40288	34.29303	8
1638.22	1638.65	970.65	96.24	22.16	95.79	94.29	49.58398	5.9873	44.42872	28.57477	15.85395	34.54516	8
1638.225	1638.655	970.655	95.93	26.7	95.74	94.54	46.7555	7.523737	45.72076	24.40741	21.31336	33.97557	8
1638.23	1638.66	970.66	97.02	36.91	96.63	95.24	44.83188	7.824549	47.34357	27.85869	19.48488	33.71384	8
1638.235	1638.665	970.665	99.29	66.99	97.94	95.85	42.90412	5.413979	51.6819	27.45468	24.22722	33.65795	8
1638.24	1638.67	970.67	105.86	158.84	103.17	95.91	25.01702	4.009304	70.97368	50.42972	20.54396	33.85986	8
1638.245	1638.675	970.675	111.21	212.62	112.53	116.73	0	54.34748	45.65252	45.65252	0	-9999	8
1638.25	1638.68	970.68	115.98	216.72	118.89	123.17	0	94.32625	5.673749	5.673749	0	-9999	8
1638.255	1638.685	970.685	120.14	196.73	123.45	130.37	0	100	0	0	0	-9999	8
1638.26	1638.69	970.69	123.08	159.81	125.48	128.77	0	100	0	0	0	-9999	8
1638.265	1638.695	970.695	123.56	167.44	126.74	129.69	0	100	0	0	0	-9999	8
1638.27	1638.7	970.7	124.35	121.64	125.36	126.69	0	85.23098	14.76902	14.76902	0	-9999	8
1638.275	1638.705	970.705	124.24	127.89	124.6	124.04	0	69.78878	30.21122	30.21122	0	-9999	8
1638.28	1638.71	970.71	122.41	154.85	121.93	120.06	0	48.06639	51.93361	51.93361	0	-9999	8
1638.285	1638.715	970.715	121.32	149.91	120.21	115	0.70988	33.33678	65.95334	65.95334	0	-9999	8
1638.29	1638.72	970.72	116.84	139.21	116.61	115.21	0.60088	39.80601	59.59311	59.59311	0	-9999	8
1638.295	1638.725	970.725	109.99	144.55	106.69	103.71	29.4031	0	70.5969	32.60354	37.99336	30.49496	8
1638.3	1638.73	970.73	109.36	227.81	104.33	97.44	23.24128	0	76.75872	33.05418	43.70454	18.54298	8
1638.305	1638.735	970.735	117.74	259.22	115.88	111.45	0	24.08164	75.91836	75.91836	0	-9999	8
1638.31	1638.74	970.74	116.86	274.77	115.75	107.43	0	35.52484	64.47516	64.47516	0	-9999	8
1638.315	1638.745	970.745	111.14	140.76	112.74	116.66	0	52.91064	47.08936	47.08936	0	-9999	8
1638.32	1638.75	970.75	105.76	93.44	105.99	105.51	18.30582	24.55854	57.13564	42.02429	15.11135	31.28908	8
1638.325	1638.755	970.755	105.13	98.62	105.08	107.09	19.80186	21.61789	58.58025	40.49287	18.08738	31.00557	8
1638.33	1638.76	970.76	103.17	92.69	101.71	100.96	33.96762	8.234033	57.79835	26.26181	31.53654	32.59077	8
1638.335	1638.765	970.765	99.54	58.26	98.66	99.1	41.14428	7.895876	50.95984	26.29795	24.66189	32.92809	8
1638.34	1638.77	970.77	97.03	49.9	95.92	94.16	47.2591	4.635531	48.10537	17.88822	30.21715	34.15829	8
1638.345	1638.775	970.775	94.61	56.65	92.78	90.45	53.432	0.554209	46.01379	15.45523	30.55856	35.17301	8
1638.35	1638.78	970.78	91.62	63.02	89.45	88.22	57.27626	0	42.72374	20.88251	21.84123	33.94487	8
1638.355	1638.785	970.785	95.03	124.64	91.31	87.63	51.23952	0	48.76048	11.51466	37.24582	29.72414	8
1638.36	1638.79	970.79	101.6	197.49	99.43	97.89	15.55292	9.769583	74.6775	60.87112	13.80638	32.31638	8
1638.365	1638.795	970.795	101.43	199.45	98.64	98.51	20.04	5.856625	74.10337	45.65596	28.44742	31.986	8
1638.37	1638.8	970.8	95.11	147.68	92.33	88.13	38.30524	2.301879	59.39288	38.76709	20.62579	32.83328	8
1638.375	1638.805	970.805	94.9	100.9	92.91	90.43	43.6967	2.842484	53.46082	17.56093	35.89988	33.38142	8
1638.38	1638.81	970.81	99.54	113.34	97.22	92.59	38.97492	2.762435	58.26264	32.59711	25.66554	33.63407	8
1638.385	1638.815	970.815	109.18	165.93	108.59	97.79	3.97184	25.58608	70.44208	66.3238	4.118282	-9999	8
1638.39	1638.82	970.82	116.94	232.22	118.63	114.41	0	77.93243	22.06757	22.06757	0	-9999	8
1638.395	1638.825	970.825	124.1	238.92	126.59	131.65	0	100	0	0	0	-9999	8
1638.4	1638.83	970.83	125.69	227	128.62	131.96	0	100	0	0	0	-9999	8
1638.405	1638.835	970.835	116.14	302.04	116.24	107.63	0	54.49786	45.50214	45.50214	0	-9999	8
1638.41	1638.84	970.84	107.15	144.07	103.98	97.41	31.12456	0	68.87544	34.17694	34.6985	33.04787	8
1638.415	1638.845	970.845	104.71	162.47	100.11	97.65	39.99906	0	60.00094	18.1529	41.84804	21.15614	8
1638.42	1638.85	970.85	105.77	153.16	101.41	97.52	39.41688	0	60.58312	21.62483	38.95829	22.14025	8
1638.425	1638.855	970.855	100.5	62.76	99.02	98.96	43.82208	4.837056	51.34086	33.6665	17.67437	33.50779	8
1638.43	1638.86	970.86	100.74	60.64	99.26	98.38	44.11432	4.797787	51.08789	28.83415	22.25374	33.71999	8
1638.435	1638.865	970.865	102.47	82.71	100.01	97.39	44.77678	0.228376	54.99484	20.71993	34.27491	34.41868	8

1638.44	1638.87	970.87	101.72	65.19	100.14	97.37	42.88662	4.85434	52.25904	32.9496	19.30944	33.95659	8
1638.445	1638.875	970.875	97.38	27.46	97.26	94.47	44.69508	9.021867	46.28305	32.22348	14.05958	33.96234	8
1638.45	1638.88	970.88	97.28	25.4	97.01	96.28	46.4481	7.923925	45.62798	26.49778	19.1302	33.87051	8
1638.455	1638.885	970.885	99.89	39.88	98.91	97.53	46.04524	6.219728	47.73503	18.03819	29.69684	34.03459	8
1638.46	1638.89	970.89	101.65	78.49	99.78	96.49	41.97992	3.754402	54.26568	36.42944	17.83624	33.95804	8
1638.465	1638.895	970.895	107.31	202.42	104	93.95	17.94166	1.808335	80.25	57.75209	22.49792	34.78108	8
1638.47	1638.9	970.9	110.13	234.04	109.94	101.57	0	35.70708	64.29292	64.29292	0	-9999	8
1638.475	1638.905	970.905	110.78	243.77	111.51	103.98	0	48.17659	51.82341	51.82341	0	-9999	8
1638.48	1638.91	970.91	117.12	151.98	116.65	116.89	0	37.42807	62.57193	62.57193	0	-9999	8
1638.485	1638.915	970.915	117.36	182.58	114.59	108.37	9.31194	5.479828	85.20823	66.3865	18.82173	35.11462	8
1638.49	1638.92	970.92	120.22	180.95	119.33	117.67	0	37.67938	62.32062	62.32062	0	-9999	8
1638.495	1638.925	970.925	125.74	116.12	126.85	128.41	0	93.57906	6.420942	6.420942	0	-9999	8
1638.5	1638.93	970.93	125.06	123.57	126.13	126.87	0	89.94095	10.05905	10.05905	0	-9999	8
1638.505	1638.935	970.935	123.49	84.57	123.34	122.39	7.08576	53.01551	39.89873	39.89873	0	-9999	8
1638.51	1638.94	970.94	116.3	171.01	115.69	113.18	0	35.20262	64.79738	64.79738	0	-9999	8
1638.515	1638.945	970.945	113.86	114.41	113.73	114.16	8.56908	34.165	57.26592	42.88936	14.37656	30.71868	8
1638.52	1638.95	970.95	110.02	82	109.19	108.45	25.3701	18.2769	56.353	27.33825	29.01474	31.70021	8
1638.525	1638.955	970.955	108.46	81.48	106.64	103.37	34.60364	7.049369	58.34699	24.22951	34.11748	33.45312	8
1638.53	1638.96	970.96	101.93	132.13	99.15	93.45	35.79394	1.387764	62.8183	37.68315	25.13514	33.79183	8
1638.535	1638.965	970.965	98.62	191.88	94.37	91.55	35.77214	0	64.22786	20.497	43.73086	29.20199	8
1638.54	1638.97	970.97	100.05	291.39	92.67	89.87	34.63262	0	65.36738	29.56766	35.79972	15.30148	8
1638.545	1638.975	970.975	103.92	285.11	95.91	90.51	37.47448	0	62.52552	20.40582	42.1197	4.79708	8
1638.55	1638.98	970.98	104.03	167.36	102.01	98.44	19.44628	9.43491	71.11881	49.88836	21.23045	32.76819	8
1638.555	1638.985	970.985	105.97	186.61	101.62	98.31	31.06048	0	68.93952	25.14957	43.78995	24.3493	8
1638.56	1638.99	970.99	101.59	127.06	97.39	94.33	48.33868	0	51.66132	30.22828	21.43304	24.34108	8
1638.565	1638.995	970.995	98.46	76.85	96.05	93.98	49.4966	0	50.5034	20.64107	29.86233	34.17255	8
1638.57	1639	971	95.02	54.37	92.96	90.88	55.38906	0	44.61094	11.19104	33.4199	34.72525	8
1638.575	1639.005	971.005	96.58	80.16	94.11	90.67	50.89018	0	49.10982	10.61115	38.49867	34.03799	8
1638.58	1639.01	971.01	93.41	36.2	92.45	91.84	52.7424	2.874362	44.38324	25.51975	18.86349	34.76731	8
1638.585	1639.015	971.015	96.28	48.8	94.74	92.32	51.5478	1.94399	46.50821	26.03547	20.47274	35.00381	8
1638.59	1639.02	971.02	95.36	46.93	94.19	92.96	49.97924	3.386521	46.63424	24.07417	22.56007	34.43573	8
1638.595	1639.025	971.025	94.41	36.87	93.33	92.63	52.59026	2.764449	44.64529	13.3587	31.28659	34.81103	8
1638.6	1639.03	971.03	93.51	37.55	92.67	91.69	51.3937	3.572678	45.03362	18.6192	26.41442	34.58439	8
1638.605	1639.035	971.035	94.7	42.33	93.66	93.84	50.69214	3.452133	45.85573	30.3255	15.53023	34.2841	8
1638.61	1639.04	971.04	94.9	60.07	94.63	90.56	40.24756	8.669963	51.08248	35.01637	16.06611	33.46235	8
1638.615	1639.045	971.045	97.51	112.4	95.39	91.24	39.52	3.475186	57.00481	33.70435	23.30046	33.38919	8
1638.62	1639.05	971.05	96.15	80.74	94.81	92.71	42.38792	5.102649	52.50943	26.84635	25.66308	33.34402	8
1638.625	1639.055	971.055	94.5	37.88	93.41	93.11	52.34054	2.820937	44.83852	28.32743	16.51109	34.68925	8
1638.63	1639.06	971.06	91.38	34.14	91.2	90.43	49.06352	5.277784	45.6587	22.2428	23.41589	34.08442	8
1638.635	1639.065	971.065	95.67	175.53	92.16	89.71	36.70784	0.768951	62.52321	22.66363	39.85958	32.25793	8
1638.64	1639.07	971.07	98.44	168.37	95.87	89.43	28.60716	4.91643	66.47641	42.6552	23.82121	32.93419	8
1638.645	1639.075	971.075	104.74	246.77	101.25	99.82	10.96836	3.955659	85.07598	65.01404	20.06194	33.17226	8
1638.65	1639.08	971.08	109.46	192.99	109.03	107.45	0	29.43335	70.56665	70.56665	0	-9999	8
1638.655	1639.085	971.085	117.73	233.47	118.25	114.81	0	60.40522	39.59478	39.59478	0	-9999	8
1638.66	1639.09	971.09	111.05	234.11	110.09	106.94	0	28.16908	71.83092	71.83092	0	-9999	8
1638.665	1639.095	971.095	103.06	133.02	100.84	98.55	30.19896	5.398364	64.40268	40.41909	23.98358	32.75575	8
1638.67	1639.1	971.1	101.76	140.4	98.89	94.24	34.6465	1.360717	63.99278	31.06399	32.9288	33.47302	8
1638.675	1639.105	971.105	99.93	174.76	95.41	90.85	40.80248	0	59.19752	20.65815	38.53937	26.01212	8
1638.68	1639.11	971.11	101.28	193.39	98.7	93.04	20.01702	6.778146	73.20483	42.55095	30.65389	32.97025	8
1638.685	1639.115	971.115	99.93	123.23	97.67	92.39	35.75774	3.854526	60.38773	27.89585	32.49188	33.44016	8
1638.69	1639.12	971.12	96.26	86.61	95.16	93.06	39.00618	6.816913	54.17691	30.63909	23.53781	32.92843	8
1638.695	1639.125	971.125	93.23	82.34	91.56	88.88	47.24462	2.684761	50.07062	21.14231	28.92831	33.88298	8
1638.7	1639.13	971.13	89.75	56.9	89.5	88	45.5977	5.672652	48.72965	28.08105	20.6486	33.46003	8
1638.705	1639.135	971.135	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1639.005	1639.435	971.435	117.96	96.79	115.84	114.59	24.48362	9.343013	66.17337	30.25136	35.92201	32.78566	8
1639.01	1639.44	971.44	110.57	56.66	110.22	109.86	27.27638	22.53056	50.19306	34.55236	15.64069	31.21896	8
1639.015	1639.445	971.445	107.12	47.9	106.58	103.87	34.0428	15.9008	50.0564	22.96865	27.08775	32.55054	8
1639.02	1639.45	971.45	111.7	47.61	111.04	110.24	30.82938	19.77589	49.39473	34.91087	14.48386	31.64856	8
1639.025	1639.455	971.455	106.85	42.8	107.12	106.94	29.2479	22.99936	47.75274	20.38162	27.37112	31.26648	8
1639.03	1639.46	971.46	109.91	46.03	110.06	108.33	26.58104	26.50885	46.91011	27.09366	19.81645	31.08622	8
1639.035	1639.465	971.465	109.36	67.1	109.41	106.76	22.7631	25.98607	51.25083	25.08685	26.16397	31.34008	8
1639.04	1639.47	971.47	110.92	61.61	111.04	111.92	22.11398	28.83183	49.05419	19.55025	29.50394	30.36587	8
1639.045	1639.475	971.475	115.5	119.1	113.87	111.98	17.5503	16.195	66.2547	47.26193	18.99277	32.34886	8
1639.05	1639.48	971.48	118.91	113.21	117.72	116.74	12.42848	25.99115	61.58037	47.92908	13.65129	31.32202	8
1639.055	1639.485	971.485	124.36	114.72	125.15	123.55	0	79.50703	20.49297	20.49297	0	-9999	8
1639.06	1639.49	971.49	106.57	191.28	104.49	98.28	11.78584	11.36834	76.84582	50.69922	26.1466	33.74492	8
1639.065	1639.495	971.495	100.86	53.1	99.47	97	45.1311	4.936942	49.93196	35.44334	14.48862	34.16799	8
1639.07	1639.5	971.5	103.95	40.62	103.69	102.47	36.55096	14.65791	48.79113	22.1058	26.68534	32.54257	8
1639.075	1639.505	971.505	99.96	55.24	98.52	95.13	45.82872	4.353141	49.81814	16.11694	33.7012	34.40219	8
1639.08	1639.51	971.51	97.33	30.25	96.37	94.88	50.5759	4.298246	45.12585	14.19399	30.93186	34.75793	8
1639.085	1639.515	971.515	98.5	47.8	97.84	97.53	42.9274	7.921512	49.15109	33.68488	15.46621	33.26355	8
1639.09	1639.52	971.52	94.76	47.79	93.87	92.19	48.15312	4.595775	47.25111	28.37574	18.87536	34.16253	8
1639.095	1639.525	971.525	99.08	62.57	98.12	96.49	41.14446	7.417712	51.43783	32.05552	19.38231	33.28852	8

1639.1	1639.53	971.53	93.67	29.32	92.63	92.12	54.78816	2.142527	43.06931	20.15167	22.91764	35.20503	8
1639.105	1639.535	971.535	96.71	29.16	96.02	96.04	49.31758	5.408857	45.27356	29.12462	16.14894	34.21166	8
1639.11	1639.54	971.54	96.12	37.67	95.22	94.61	49.42846	4.518341	46.0532	16.00632	30.04688	34.29815	8
1639.115	1639.545	971.545	92.65	29.05	92.3	91.49	50.4444	4.862248	44.69335	17.2463	27.44705	34.39924	8
1639.12	1639.55	971.55	94.83	36.14	94.74	92.61	44.70802	7.949006	47.34297	18.64949	28.69348	33.76675	8
1639.125	1639.555	971.555	99.58	65.33	100	102.16	29.32154	16.97119	53.70727	31.53847	22.1688	31.33225	8
1639.13	1639.56	971.56	91.39	50.89	91.04	85.45	46.31832	5.670848	48.01083	24.43754	23.57329	34.42842	8
1639.135	1639.565	971.565	89.98	40.83	89.09	88.78	54.23504	2.134063	43.6309	25.19475	18.43615	34.74015	8
1639.14	1639.57	971.57	87.09	28.12	87.29	88.47	51.52216	4.111148	44.36669	25.60614	18.76056	34.01954	8
1639.145	1639.575	971.575	90.99	44.14	90.69	89.69	47.93232	5.226115	46.84156	34.24169	12.59987	33.85125	8
1639.15	1639.58	971.58	99.31	71.92	98.83	99.53	34.95016	11.22564	53.8242	20.06123	33.76297	32.1242	8
1639.155	1639.585	971.585	103.49	54.54	103.04	102.86	35.07802	13.6307	51.29128	28.06922	23.22206	32.28658	8
1639.16	1639.59	971.59	104.15	78.44	103.6	102.51	29.46202	15.02855	55.50943	39.76638	15.74305	32.05181	8
1639.165	1639.595	971.595	107.98	76.5	108.55	110.05	17.7279	30.01845	52.25365	40.78761	11.46604	30.40857	8
1639.17	1639.6	971.6	103.32	97.55	103.45	106.35	20.331	21.00946	58.65954	29.90441	28.75513	30.87438	8
1639.175	1639.605	971.605	87.25	61.03	86.55	83.8	50.38574	3.2137	46.40056	15.68591	30.71465	34.16194	8
1639.18	1639.61	971.61	89.51	37.14	89.47	88.35	48.97292	5.062138	45.96494	18.77293	27.19201	34.03725	8
1639.185	1639.615	971.615	94.57	83.69	94.94	94.63	29.87512	13.38951	56.73537	31.01855	25.71681	31.84922	8
1639.19	1639.62	971.62	98.02	88.72	97.88	99.33	29.43636	13.52755	57.03609	34.90659	22.1295	31.53366	8
1639.195	1639.625	971.625	102.55	80.84	102.48	104.27	26.63322	17.48455	55.88223	22.56176	33.32047	31.27778	8
1639.2	1639.63	971.63	106.54	33.72	106.39	105.62	34.98546	17.97432	47.04022	25.76085	21.27937	32.08823	8
1639.205	1639.635	971.635	110.85	63.76	110.68	110.8	23.90558	25.46851	50.62591	33.66995	16.95596	30.82156	8
1639.21	1639.64	971.64	121.2	76.62	120.89	120.39	12.35646	43.3853	44.25824	35.54347	8.714778	28.84388	8
1639.215	1639.645	971.645	126.82	72.13	127.43	127	1.14264	82.21745	16.63991	16.63991	0	-9999	8
1639.22	1639.65	971.65	125.87	120.04	127.1	131.02	0	97.61457	2.385434	2.385434	0	-9999	8
1639.225	1639.655	971.655	126.04	109.69	126.48	128.84	0	77.11717	22.88283	22.88283	0	-9999	8
1639.23	1639.66	971.66	126.41	103.7	126.91	124.45	0	79.73113	20.26887	20.26887	0	-9999	8
1639.235	1639.665	971.665	124.63	90.95	124.88	124.43	1.393	66.05015	32.55685	32.55685	0	-9999	8
1639.24	1639.67	971.67	125.49	43.15	124.56	125.8	21.3144	37.53559	41.15001	28.50266	12.64735	28.27625	8
1639.245	1639.675	971.675	101.97	417.83	87.59	85.84	56.51774	0	43.48226	8.26562	35.21664	-9999	8
1639.25	1639.68	971.68	99.35	226.09	91.38	86.1	55.65172	0	44.34828	9.55094	34.79734	10.15994	8
1639.255	1639.685	971.685	101.27	230.1	99.96	88.26	1.2999	17.62095	81.07915	81.07915	0	-9999	8
1639.26	1639.69	971.69	106.31	354.4	101.26	90.59	0	0	100	100	0	-9999	8
1639.265	1639.695	971.695	113.71	285.07	115.17	100.45	0	67.65752	32.34248	32.34248	0	-9999	8
1639.27	1639.7	971.7	114.27	323.38	117.17	94.37	0	94.17847	5.821528	5.821528	0	-9999	8
1639.275	1639.705	971.705	113.74	327.95	114.98	104.61	0	67.44958	32.55042	32.55042	0	-9999	8
1639.28	1639.71	971.71	108.73	393.17	103.02	95.39	0	0	100	100	0	-9999	8
1639.285	1639.715	971.715	100.77	284.19	96.48	85.93	11.76512	2.665057	85.56982	55.60378	29.96604	34.11801	8
1639.29	1639.72	971.72	100.83	270.05	97.9	84.43	4.5918	9.748834	85.65937	73.25047	12.4089	-9999	8
1639.295	1639.725	971.725	106.39	390.04	104.02	88.73	0	22.29386	77.70614	77.70614	0	-9999	8
1639.3	1639.73	971.73	105.82	309.42	102.33	89.98	0	7.923684	92.07632	92.07632	0	-9999	8
1639.305	1639.735	971.735	104.68	295.96	99.06	92.67	15.62708	0	84.37292	60.35548	24.01744	23.99523	8
1639.31	1639.74	971.74	98.89	192.38	95.33	90.67	30.05524	1.098398	68.84636	40.45219	28.39417	32.66818	8
1639.315	1639.745	971.745	96	124.75	93.52	91.89	40.7105	2.236318	57.05318	19.30472	37.74847	32.83643	8
1639.32	1639.75	971.75	97.16	125.14	94.39	91.18	41.79642	0.86787	57.33571	28.82806	28.50765	33.39317	8
1639.325	1639.755	971.755	95.81	113.02	93.37	93.08	43.41396	1.622784	54.96326	28.60037	26.36289	32.95546	8
1639.33	1639.76	971.76	92.34	46.53	92.09	90.93	45.72444	6.332028	47.94353	16.49491	31.44862	33.59773	8
1639.335	1639.765	971.765	90.42	53.48	89.83	87.84	48.44394	4.371926	47.18413	22.80331	24.38082	33.99439	8
1639.34	1639.77	971.77	90.21	55.12	89.22	84.98	51.34026	2.785605	45.87413	30.57594	15.29819	34.82833	8
1639.345	1639.775	971.775	89.71	35.64	88.85	86.13	55.50692	1.801743	42.69134	28.62301	14.06833	35.45948	8
1639.35	1639.78	971.78	89.83	25.87	89.26	87.49	55.51336	2.333141	42.1535	25.16561	16.98789	35.39549	8
1639.355	1639.785	971.785	90.48	31.59	89.65	88.47	55.54612	1.94038	42.5135	12.52165	29.99185	35.26944	8
1639.36	1639.79	971.79	90.37	61.31	89.48	88.87	48.92008	3.661747	47.41817	25.49216	21.92602	33.72835	8
1639.365	1639.795	971.795	94.6	62.44	93.51	92.33	46.30502	4.520161	49.17482	24.06324	25.11158	33.69361	8
1639.37	1639.8	971.8	102.67	147	98.96	94.79	38.7221	0	61.2779	18.37711	42.90079	28.8258	8
1639.375	1639.805	971.805	110.21	228.75	106.72	105.5	10.2968	1.260476	88.44272	59.10782	29.33491	34.04427	8
1639.38	1639.81	971.81	113.45	298.73	112.76	112.45	0	38.58542	61.41458	61.41458	0	-9999	8
1639.385	1639.815	971.815	113.02	329.9	112.69	96.71	0	44.71141	55.28859	55.28859	0	-9999	8
1639.39	1639.82	971.82	112.28	314.49	113.96	93.26	0	68.74593	31.25407	31.25407	0	-9999	8
1639.395	1639.825	971.825	109.01	348.08	105.73	91.06	0	11.57034	88.42966	88.42966	0	-9999	8
1639.4	1639.83	971.83	103.91	324.26	96.55	92.51	22.97188	0	77.02812	39.08979	37.93833	12.45574	8
1639.405	1639.835	971.835	95.65	122.75	93.08	89.72	42.214	1.63507	56.15093	17.95739	38.19354	33.29868	8
1639.41	1639.84	971.84	94.36	53.65	93.79	92.34	44.623	6.391107	48.98589	34.29402	14.69187	33.53383	8
1639.415	1639.845	971.845	94.28	60.67	92.63	89.06	51.36776	1.592586	47.03965	30.08703	16.95263	34.95315	8
1639.42	1639.85	971.85	95.05	79.63	92.72	90.39	51.34104	0	48.65896	12.03906	36.6199	34.41142	8
1639.425	1639.855	971.855	93.36	63.26	91.53	89.96	52.98238	0.713788	46.30383	29.83272	16.47111	34.7805	8
1639.43	1639.86	971.86	91.9	47.94	90.65	89.86	53.53802	1.8069	44.65508	28.38078	16.2743	34.7526	8
1639.435	1639.865	971.865	91.69	56.1	90.35	86.82	52.454	1.909788	45.63621	22.48198	23.15424	34.97462	8
1639.44	1639.87	971.87	91.35	36.81	90.04	87.04	57.20248	0.62861	42.16891	10.9331	31.23581	35.94123	8
1639.445	1639.875	971.875	92.84	49.62	91.59	89.37	52.26666	2.236508	45.49683	19.74889	25.74794	34.83563	8
1639.45	1639.88	971.88	95.71	75.4	94.13	87.56	45.945	3.349258	50.70574	32.10577	18.59997	34.64825	8
1639.455	1639.885	971.885	97.37	91.76	95.73	88.47	40.92368	4.66464	54.41168	38.09265	16.31903	34.16374	8
1639.46	1639.89	971.89	99.42	144.61	96.16	90.59	38.80298	0	61.19702	25.04094	36.15608	32.96194	8

1639.465	1639.895	971.895	101.9	150.3	99.3	100.54	30.0294	3.792239	66.17836	38.53273	27.64563	32.02119	8
1639.47	1639.9	971.9	104.18	137.37	102.75	104.84	21.99336	12.00105	66.00559	50.81025	15.19534	31.5402	8
1639.475	1639.905	971.905	105.46	118.69	104.9	107	18.59382	18.85882	62.54736	47.01478	15.53257	31.22026	8
1639.48	1639.91	971.91	105.94	127	106.26	109.44	9.3212	27.89771	62.78109	55.69081	7.090281	30.9954	8
1639.485	1639.915	971.915	101.12	149.7	100.83	101.27	12.9897	19.1798	67.8305	43.55952	24.27098	31.75223	8
1639.49	1639.92	971.92	95.47	149.95	95.72	93	13.9422	17.9246	68.1332	45.31439	22.81881	32.2312	8
1639.495	1639.925	971.925	92.47	125.88	90	84.63	43.60714	2.060119	54.33274	28.73539	25.59735	33.44944	2
1639.5	1639.93	971.93	92.2	142.95	88.01	84.76	53.0546	0	46.9454	21.70838	25.23702	29.28301	2
1639.505	1639.935	971.935	90.58	124.2	86.89	83.89	55.2075	0	44.7925	24.64249	20.15001	30.8282	2
1639.51	1639.94	971.94	87.1	36.55	86.37	84.41	56.6804	1.404836	41.91476	20.81752	21.09724	35.37613	2
1639.515	1639.945	971.945	87.69	29.99	87.26	84.22	55.40012	2.242519	42.35736	21.44854	20.90882	35.45398	2
1639.52	1639.95	971.95	86.91	33.33	86.43	84.35	55.69694	1.980596	42.32246	17.55104	24.77143	35.24864	2
1639.525	1639.955	971.955	86.28	34.48	85.5	82.06	58.32324	0.821246	40.85551	24.84719	16.00833	35.94461	2
1639.53	1639.96	971.96	86.36	28.43	85.82	84.82	57.85374	1.238692	40.90757	24.17103	16.73654	35.49097	2
1639.535	1639.965	971.965	87.76	51.99	86.75	83.65	54.50672	1.6895	43.80378	20.29877	23.50501	35.03115	2
1639.54	1639.97	971.97	91.18	78.79	89.13	84.72	52.93472	0.428056	46.63722	12.06177	34.57545	34.9535	2
1639.545	1639.975	971.975	93.27	91.56	92.51	82.94	37.92408	7.484538	54.59138	22.04783	32.54355	34.00245	8
1639.55	1639.98	971.98	94.58	121.37	93.7	87.78	30.43486	9.528176	60.03696	40.89959	19.13737	32.74333	8
1639.555	1639.985	971.985	97.99	190.05	96.9	89.35	12.3046	14.66796	73.02744	52.77084	20.25661	33.248	8
1639.56	1639.99	971.99	97.34	206.03	97.64	82.65	0	23.56118	76.43882	76.43882	0	-9999	8
1639.565	1639.995	971.995	97.56	179.26	96.68	86.32	13.68388	14.93575	71.38037	56.82776	14.55261	33.66828	8
1639.57	1640	972	96.31	149.13	96.08	96.14	17.08784	15.82675	67.08541	53.04765	14.03776	31.58085	8
1639.575	1640.005	972.005	92.26	127.41	92.12	81.78	25.37258	12.25068	62.37674	41.98144	20.39529	33.32246	8
1639.58	1640.01	972.01	89.78	65.3	88.67	88.67	50.2023	2.857169	46.94053	30.66667	16.27386	33.72704	8
1639.585	1640.015	972.015	90.64	58.9	90.37	90.85	44.4499	6.170832	49.37927	30.39969	18.97958	32.96241	8
1639.59	1640.02	972.02	92.35	58.84	92.02	91.67	43.35622	6.802145	49.84163	18.99832	30.84331	33.05057	8
1639.595	1640.025	972.025	90.99	58.38	90.87	90.85	43.09124	6.960618	49.94814	33.32543	16.62271	32.91287	8
1639.6	1640.03	972.03	89.54	74.31	88.63	84.2	46.69268	4.156215	49.1511	15.89254	33.25857	33.93669	8
1639.605	1640.035	972.035	89.44	35.05	89.14	88.18	51.5581	3.848416	44.59348	24.33949	20.254	34.42601	8
1639.61	1640.04	972.04	87.94	50.34	87.83	87.15	47.76542	4.896302	47.33828	15.20228	32.136	33.57864	8
1639.615	1640.045	972.045	86.65	42.96	87.12	86.98	46.24318	5.850093	47.90673	23.49239	24.41434	33.33402	8
1639.62	1640.05	972.05	86.79	50.93	86.41	84.63	50.77314	3.466777	45.76008	21.49785	24.26224	34.14403	8
1639.625	1640.055	972.055	87.63	46.17	87.33	88.21	50.53226	3.778533	45.68921	29.0406	16.64861	33.71781	8
1639.63	1640.06	972.06	87.09	38.93	86.12	83.73	57.97364	0.740335	41.28603	27.47969	13.80633	35.67037	8
1639.635	1640.065	972.065	85.98	40.79	85.26	84.96	56.60722	1.345793	42.04699	20.93822	21.10876	34.93147	8
1639.64	1640.07	972.07	86.1	49.59	86.67	87.34	44.36972	6.349521	49.28076	23.58407	25.69669	32.87536	8
1639.645	1640.075	972.075	86.54	73.52	86.33	88.41	44.21886	5.474033	50.30711	33.45761	16.8495	32.30119	8
1639.65	1640.08	972.08	85.24	47.13	85.29	87.22	49.78624	4.000426	46.21333	16.55843	29.6549	33.30081	8
1639.655	1640.085	972.085	86.94	62.04	86.26	87.34	50.27152	3.241271	46.48721	32.12889	14.35832	33.4032	8
1639.66	1640.09	972.09	89.58	80.13	88.18	85.92	49.04494	2.692057	48.263	26.54065	21.72235	33.7916	8
1639.665	1640.095	972.095	87.71	84.22	86.69	81.53	46.83056	3.814569	49.35487	29.48269	19.87218	33.85428	8
1639.67	1640.1	972.1	86.77	103.04	85.04	79.74	48.64342	2.47313	48.88345	19.15823	29.72522	33.77911	8
1639.675	1640.105	972.105	84.54	91.73	83.51	79.25	48.00704	3.393143	48.59982	28.59572	20.0041	33.51222	8
1639.68	1640.11	972.11	82.58	83.07	80.57	76.47	59.50096	0	40.49904	8.828181	31.67086	34.86755	8
1639.685	1640.115	972.115	81.54	67.58	79.22	76.63	66.60884	0	33.39116	18.85893	14.53223	33.63273	8
1639.69	1640.12	972.12	82.31	36.35	81.72	79.98	60.0506	0.294772	39.65463	12.68221	26.97242	35.70178	8
1639.695	1640.125	972.125	83.89	40.69	83.22	80.45	58.16672	0.831912	41.00137	25.90695	15.09442	35.55387	8
1639.7	1640.13	972.13	83.78	57.94	84.59	84.85	42.62342	6.460222	50.91636	26.71061	24.20575	32.60883	8
1639.705	1640.135	972.135	79.78	40.55	79.63	78.33	57.9518	0.954825	41.09338	10.551	30.54238	35.01478	8
1639.71	1640.14	972.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1640.04	1640.47	972.47	114.13	143.69	112.04	116.73	16.42492	10.99769	72.57739	57.91668	14.66072	31.75445	8
1640.045	1640.475	972.475	124.11	419.72	127.65	117.96	0	100	0	0	0	-9999	8
1640.05	1640.48	972.48	117.28	369.16	117.43	102.59	0	62.31167	37.68833	37.68833	0	-9999	8
1640.055	1640.485	972.485	106.24	212.49	103.56	99.1	11.60662	7.73675	80.65663	53.98175	26.67488	33.64013	8
1640.06	1640.49	972.49	102.16	335.04	95.2	87.65	18.87312	0	81.12688	55.28419	25.84269	19.83554	8
1640.065	1640.495	972.495	104.54	307.16	99.22	88.02	10.72048	0	89.27952	64.44882	24.8307	29.02359	8
1640.07	1640.5	972.5	103.35	306.78	98.63	86.63	7.25724	0.252157	92.4906	77.7974	14.6932	-9999	8
1640.075	1640.505	972.505	103.16	268.99	97.08	88.69	27.11722	0	72.88278	31.69501	41.18777	19.56496	8
1640.08	1640.51	972.51	101.62	193.35	97.32	93.86	33.0439	0	66.9561	37.01494	29.94116	27.73581	8
1640.085	1640.515	972.515	100.2	146.46	97.23	94.57	35.39018	1.183897	63.42592	37.17231	26.25361	32.94903	8
1640.09	1640.52	972.52	100.17	111.08	98.35	97.27	35.06724	5.806953	59.12581	37.02247	22.10334	32.59259	8
1640.095	1640.525	972.525	102.48	120.72	101.21	99.62	26.34666	11.15623	62.49711	44.93892	17.55819	32.1947	8
1640.1	1640.53	972.53	102.9	142.29	101.53	99.98	21.51532	12.10859	66.37609	40.11793	26.25816	32.13993	8
1640.105	1640.535	972.535	106.53	194.08	105.11	105.16	6.03004	17.25456	76.7154	60.85505	15.86036	-9999	8
1640.11	1640.54	972.54	106.71	245.08	104.23	101.86	1.73744	11.64465	86.61791	86.61791	0	-9999	8
1640.115	1640.545	972.545	105.65	330.84	105.09	85.83	0	33.35885	66.64115	66.64115	0	-9999	8
1640.12	1640.55	972.55	104.53	351.81	103.48	85.74	0	29.71667	70.28333	70.28333	0	-9999	8
1640.125	1640.555	972.555	103.48	337.93	100.41	85.75	0	13.28592	86.71408	86.71408	0	-9999	8
1640.13	1640.56	972.56	98.82	275.07	93.15	85.14	26.46116	0	73.53884	39.86522	33.67362	27.14881	8
1640.135	1640.565	972.565	95.72	251.26	90.69	86.23	30.11518	0	69.88482	36.70521	33.17961	30.46813	8
1640.14	1640.57	972.57	90.45	171.45	87.11	85.14	41.1801	1.806253	57.01365	30.14857	26.86507	31.83026	8
1640.145	1640.575	972.575	88.54	101.43	85.82	84.43	55.07714	0	44.92286	22.42021	22.50265	33.23105	8
1640.15	1640.58	972.58	89.05	79.23	87.13	85.23	53.78034	0.607416	45.61224	11.48135	34.1309	34.43131	8

1640.155	1640.585	972.585	88.83	85.83	87.12	84.14	50.75804	1.764637	47.47732	26.57957	20.89776	34.04361	8
1640.16	1640.59	972.59	87.43	52.02	86.26	84.37	56.04306	1.039856	42.91708	17.41146	25.50562	35.05473	8
1640.165	1640.595	972.595	89.4	56.39	87.93	83.65	55.49812	0.781027	43.72085	11.85319	31.86766	35.48347	8
1640.17	1640.6	972.6	90.9	53.06	89.79	86.65	52.13398	2.402441	45.46358	30.83112	14.63246	34.81547	8
1640.175	1640.605	972.605	94.64	106.01	91.84	88.33	48.97678	0	51.02322	12.61014	38.41308	33.40516	8
1640.18	1640.61	972.61	100.34	204.98	97.7	90.17	18.54204	7.116428	74.34153	42.67612	31.66541	33.20916	8
1640.185	1640.615	972.615	104.75	296.83	105.5	95.61	0	41.59807	58.40193	58.40193	0	-9999	8
1640.19	1640.62	972.62	108.47	287.77	109.23	110.41	0	47.1377	52.8623	52.8623	0	-9999	8
1640.195	1640.625	972.625	109.23	306.46	109.58	114.04	0	45.22679	54.77321	54.77321	0	-9999	8
1640.2	1640.63	972.63	111.31	293.28	112.33	113.41	0	56.21835	43.78165	43.78165	0	-9999	8
1640.205	1640.635	972.635	110.75	324.7	111.76	116.83	0	56.98997	43.01003	43.01003	0	-9999	8
1640.21	1640.64	972.64	110.3	300.12	109.79	103.13	0	36.82063	63.17937	63.17937	0	-9999	8
1640.215	1640.645	972.645	111.39	242.33	108.68	104.51	0	9.844604	90.1554	90.1554	0	-9999	8
1640.22	1640.65	972.65	110.47	179.23	108.86	105.39	7.47144	16.87335	75.65521	66.73253	8.922681	-9999	8
1640.225	1640.655	972.655	109.31	142.63	108.78	108.24	9.02584	24.79237	66.18179	61.73261	4.449185	31.92757	8
1640.23	1640.66	972.66	109.41	116.2	110.25	110.68	4.7124	38.18331	57.10429	57.10429	0	-9999	8
1640.235	1640.665	972.665	109.01	143.85	111.68	115.41	0	60.65274	39.34726	39.34726	0	-9999	8
1640.24	1640.67	972.67	108.14	162.9	109.87	111.69	0	48.69009	51.30991	51.30991	0	-9999	8
1640.245	1640.675	972.675	106.99	251.17	108.54	98.04	0	50.2072	49.7928	49.7928	0	-9999	8
1640.25	1640.68	972.68	106.56	305.27	109.19	107.67	0	64.32097	35.67903	35.67903	0	-9999	8
1640.255	1640.685	972.685	105.98	338.52	102.86	99.07	0	12.72932	87.27068	87.27068	0	-9999	8
1640.26	1640.69	972.69	103.11	374.34	97.94	93.35	0	2.164237	97.83576	97.83576	0	-9999	8
1640.265	1640.695	972.695	96.06	273.9	93.13	90	8.0485	10.11046	81.84104	72.391	9.450036	32.34408	8
1640.27	1640.7	972.7	90.45	198.48	89.92	85.53	12.86134	14.41913	72.71953	60.6948	12.02473	32.16938	8
1640.275	1640.705	972.705	88.47	193.6	86.26	81.25	28.8839	7.233131	63.88297	35.16824	28.71473	31.38195	8
1640.28	1640.71	972.71	86.75	209.96	83.2	72.19	36.89218	4.083214	59.02461	30.97709	28.04752	32.21051	8
1640.285	1640.715	972.715	87.79	200.96	85.27	76.26	30.13088	6.638589	63.23053	36.23603	26.9945	31.9506	8
1640.29	1640.72	972.72	87.01	212.42	81.38	74.35	52.17766	0	47.82234	18.15237	29.66997	30.55256	8
1640.295	1640.725	972.725	86.86	209.59	81.49	73.92	50.98552	0	49.01448	23.51654	25.49794	31.29869	8
1640.3	1640.73	972.73	86.17	89.58	84.04	80.67	55.55274	0.221447	44.22581	13.81335	30.41246	34.60062	8
1640.305	1640.735	972.735	89.24	123.22	86.67	81.82	47.99746	1.296758	50.70578	33.38914	17.31664	33.56345	8
1640.31	1640.74	972.74	88.14	138.31	86.2	82.06	40.47518	4.381966	55.14285	37.93464	17.20821	32.35276	8
1640.315	1640.745	972.745	88.28	127.92	87.17	84.59	36.42826	6.618007	56.95373	21.79008	35.16366	31.9505	8
1640.32	1640.75	972.75	86.55	166.92	84.19	77.16	38.26936	4.768783	56.96186	25.95119	31.01067	32.18639	8
1640.325	1640.755	972.755	85.37	176.5	81.93	75.27	45.4066	2.26671	52.32669	18.77816	33.54852	32.36937	8
1640.33	1640.76	972.76	83.03	137.93	80.29	74.96	51.46834	1.594166	46.93749	21.19206	25.74544	33.22992	8
1640.335	1640.765	972.765	81.65	75.36	80.25	76.27	57.49488	0.640707	41.86441	12.25004	29.61438	34.90934	8
1640.34	1640.77	972.77	82.49	91.31	80.75	75.19	55.49718	0.977595	43.52522	21.84259	21.68264	34.64737	8
1640.345	1640.775	972.775	80.8	54.41	79.86	78.31	59.78178	0.210385	40.00783	17.03974	22.9681	35.1947	8
1640.35	1640.78	972.78	84.64	86.05	84.12	86.9	45.3371	4.586415	50.07648	16.77095	33.30554	32.00585	8
1640.355	1640.785	972.785	86.79	77.71	86.66	89.25	42.35488	6.143065	51.50205	19.69193	31.81012	31.97692	8
1640.36	1640.79	972.79	89.1	77.4	87.68	86.32	50.3022	2.308871	47.38893	29.84801	17.54092	33.79922	8
1640.365	1640.795	972.795	88.72	70.42	87.69	86.29	49.31846	3.163749	47.51779	23.77147	23.74632	33.72015	8
1640.37	1640.8	972.8	89.24	74.28	88.58	84.02	45.03844	5.004047	49.95751	29.94679	20.01072	33.73428	8
1640.375	1640.805	972.805	89.6	72.64	88.57	85.52	47.97162	3.601954	48.42643	15.32096	33.10547	33.86725	8
1640.38	1640.81	972.81	90.93	107.21	89.41	85.27	42.17958	4.406042	53.41438	22.01476	31.39962	33.10449	8
1640.385	1640.815	972.815	91.16	157.22	88.18	80.36	41.18056	2.127799	56.69164	37.91966	18.77198	33.16801	8
1640.39	1640.82	972.82	88.93	131.71	85.55	81.45	52.50558	0	47.49442	21.4785	26.01592	32.69838	8
1640.395	1640.825	972.825	87.41	87.83	85.36	81.22	54.21544	0.504006	45.28055	12.74454	32.53601	34.65429	8
1640.4	1640.83	972.83	87.91	96.79	86.27	83.83	48.40962	2.5655	49.02488	30.88458	18.1403	33.39462	8
1640.405	1640.835	972.835	89.39	107.58	86.81	84.13	51.72184	0.213196	48.06496	14.16439	33.90058	33.91065	8
1640.41	1640.84	972.84	87.01	85.07	86.02	84.55	47.03636	3.762625	49.20101	24.41281	24.7882	33.13492	8
1640.415	1640.845	972.845	86.42	88.6	86.45	84.82	38.8199	7.266406	53.91369	20.88085	33.03284	32.32136	8
1640.42	1640.85	972.85	87.13	95.64	86.44	83.53	42.04302	5.54201	52.41497	24.52023	27.89474	32.74656	8
1640.425	1640.855	972.855	85.56	84.23	84.49	82.17	49.19364	3.033445	47.77292	29.45228	18.32064	33.47796	8
1640.43	1640.86	972.86	85.12	84.26	85.27	85.11	40.13618	6.779288	53.08453	18.79254	34.29199	32.14818	8
1640.435	1640.865	972.865	89.23	118.77	89.5	89.94	27.07356	11.66502	61.26142	44.32582	16.9356	31.30843	8
1640.44	1640.87	972.87	91.45	141.34	90.59	86.23	28.32672	9.608769	62.06451	45.51831	16.54621	32.07621	8
1640.445	1640.875	972.875	91.33	167.37	89.55	87.19	29.26786	7.514049	63.21809	33.49712	29.72097	31.46178	8
1640.45	1640.88	972.88	92.36	118.23	90.67	90.81	39.51464	4.803607	55.68175	22.46013	33.22162	32.07144	8
1640.455	1640.885	972.885	95.56	141.62	95.06	96.55	21.68776	13.36688	64.94536	42.69004	22.25532	31.19507	8
1640.46	1640.89	972.89	97.11	154.07	95.82	98.15	23.37136	10.70473	65.92391	38.1509	27.773	31.08271	8
1640.465	1640.895	972.895	98.91	159.29	96.29	92.83	30.75962	4.057128	65.18325	29.41946	35.76379	32.55061	8
1640.47	1640.9	972.9	99.02	150.24	96.57	93.04	31.53102	4.424873	64.04411	43.8256	20.21851	32.63664	8
1640.475	1640.905	972.905	98.1	131.76	95.57	92.74	37.46958	2.637233	59.89319	25.04194	34.85125	32.92387	8
1640.48	1640.91	972.91	97.04	110.44	95.32	92.94	37.32672	5.387513	57.28577	28.1293	29.15646	32.77631	8
1640.485	1640.915	972.915	96.98	124.93	95.17	93.45	34.57284	5.865177	59.56198	27.22152	32.34046	32.36305	8
1640.49	1640.92	972.92	100.11	109.81	98.15	93.74	36.51478	4.829836	58.65538	34.01958	24.6358	33.3495	8
1640.495	1640.925	972.925	104.5	103.69	103.39	97.27	27.36952	12.46268	60.1678	25.55874	34.60906	33.07049	8
1640.5	1640.93	972.93	108.95	106.84	108	102.62	21.27322	17.6499	61.07688	46.78566	14.29122	32.64156	8
1640.505	1640.935	972.935	110.91	138.78	110.59	106.72	6.85804	28.87832	64.26364	52.62989	11.63376	-9999	8
1640.51	1640.94	972.94	109.79	241.02	111.23	111.04	0	54.40392	45.59608	45.59608	0	-9999	8
1640.515	1640.945	972.945	106.92	345	109.88	112.88	0	71.596	28.404	28.404	0	-9999	8

1640.52	1640.95	972.95	101.9	452.04	98.16	83.71	0	16.87064	83.12936	83.12936	0	-9999	8
1640.525	1640.955	972.955	98.04	391.05	90.93	79.74	10.2716	0	89.7284	70.58622	19.14218	30.16763	8
1640.53	1640.96	972.96	97.42	263.82	93	87.24	20.78416	1.97763	77.23821	36.94484	40.29337	32.18842	8
1640.535	1640.965	972.965	95.25	174.02	94.21	93.57	18.31716	12.58085	69.10199	41.0733	28.0287	31.5307	8
1640.54	1640.97	972.97	95.92	139.16	94.89	92.33	26.05938	10.58151	63.35911	41.29609	22.06302	31.98314	8
1640.545	1640.975	972.975	96.04	111.05	95.74	96.57	27.0941	12.68579	60.22011	28.22326	31.99685	31.46991	8
1640.55	1640.98	972.98	96.83	82.96	96.53	96.72	33.16508	11.32114	55.51378	22.3392	33.17458	31.98296	8
1640.555	1640.985	972.985	94.79	106.64	95.27	96.33	23.26632	15.70263	61.03105	42.95733	18.07372	31.36081	8
1640.56	1640.99	972.99	94.05	129.85	95.15	98.13	13.5253	19.93302	66.54168	44.50647	22.03521	31.26057	8
1640.565	1640.995	972.995	89.7	177.85	89.1	76.96	19.0863	12.41757	68.49613	38.57586	29.92027	33.28107	8
1640.57	1641	973	88.53	302.86	80.31	74.86	48.96528	0	51.03472	22.03269	29.00203	26.38401	8
1640.575	1641.005	973.005	84.52	211.35	79.26	75.04	51.8599	0.086076	48.05402	26.33927	21.71475	31.91568	8
1640.58	1641.01	973.01	83.14	116.57	79.87	78.09	60.64376	0	39.35624	18.20604	21.1502	32.82934	8
1640.585	1641.015	973.015	86.8	49.32	86.15	84.32	53.24606	2.43564	44.3183	22.94419	21.37411	34.55174	8
1640.59	1641.02	973.02	85.65	40.03	84.99	84.63	56.62974	1.379295	41.99097	30.99892	10.99205	34.93015	8
1640.595	1641.025	973.025	86.38	73.61	84.82	82.56	54.80678	0.958503	44.23472	16.15431	28.0804	34.522	8
1640.6	1641.03	973.03	85.94	62.47	85.21	83.25	51.47496	2.763495	45.76154	25.64356	20.11798	34.06799	8
1640.605	1641.035	973.035	86.4	100.43	84.33	79.69	52.25044	1.165406	46.58415	19.46794	27.11621	34.15733	8
1640.61	1641.04	973.04	87.04	103.47	85.98	76.44	43.09846	4.776687	52.12485	24.31726	27.8076	33.95435	8
1640.615	1641.045	973.045	86.53	116.15	84.25	76.39	49.9541	1.587764	48.45814	26.93486	21.52328	34.20079	8
1640.62	1641.05	973.05	83.94	100.99	80	76.98	68.87062	0	31.12938	11.2258	19.90358	31.38213	8
1640.625	1641.055	973.055	82.45	99.39	78.41	76.72	71.40362	0	28.59638	6.02141	22.57497	31.43996	2
1640.63	1641.06	973.06	79.39	38.43	78.29	77.62	66.18614	0	33.81386	17.25859	16.55527	34.42083	2
1640.635	1641.065	973.065	78.18	21.69	78.29	76.31	61.97292	0	38.02708	8.222439	29.80464	35.8775	2
1640.64	1641.07	973.07	76.99	17.14	76.21	75.7	71.06632	0	28.93368	12.82882	16.10486	34.14758	2
1640.645	1641.075	973.075	78.03	20.32	77.37	75.47	68.40996	0	31.59004	5.814115	25.77592	34.71141	2
1640.65	1641.08	973.08	80.2	26.12	79.94	77.35	61.90996	0	38.09004	21.26066	16.82938	36.05518	2
1640.655	1641.085	973.085	81.44	33.42	81.27	77.33	58.30506	0.958207	40.73673	17.90307	22.83366	35.77215	2
1640.66	1641.09	973.09	81.23	29.47	80.35	78.74	64.95666	0	35.04334	10.35895	24.68439	35.05928	2
1640.665	1641.095	973.095	80.55	20.83	79.64	78.62	67.90564	0	32.09436	21.75777	10.33659	34.61995	2
1640.67	1641.1	973.1	80.38	38.38	79.27	77.11	65.36494	0	34.63506	18.84309	15.79197	34.81381	2
1640.675	1641.105	973.105	79.54	36.19	78.8	76.74	63.80022	0	36.19978	21.93884	14.26094	35.20239	2
1640.68	1641.11	973.11	79.28	29.5	78.43	80.33	66.5109	0	33.4891	11.17419	22.31491	34.11779	2
1640.685	1641.115	973.115	81.28	41.17	79.57	78.33	68.51176	0	31.48824	11.61445	19.87379	33.84978	2
1640.69	1641.12	973.12	84.49	73.16	82.21	80.45	62.23448	0	37.76552	6.49353	31.27199	33.63004	2
1640.695	1641.125	973.125	85.27	59	83.82	82.45	58.5111	0.089692	41.39921	22.82513	18.57408	35.15877	2
1640.7	1641.13	973.13	82.96	34.56	81.82	80.88	64.14828	0	35.85172	24.72245	11.12927	34.8627	10
1640.705	1641.135	973.135	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1641.005	1641.435	973.435	95.41	88.05	94.87	92.87	35.0997	9.451633	55.44867	35.06154	20.38713	32.47451	9
1641.01	1641.44	973.44	93.55	88.37	92.95	93.55	37.19846	8.163486	54.63805	20.27347	34.36458	32.08447	9
1641.015	1641.445	973.445	95.63	97.07	93.81	89.24	42.63446	3.58004	53.7855	37.20663	16.57887	33.69844	9
1641.02	1641.45	973.45	95.6	178.15	91.44	85.47	41.1757	0	58.8243	16.44188	42.38242	30.51507	9
1641.025	1641.455	973.455	99.18	207.18	100.39	110.86	0	31.51953	68.48047	68.48047	0	-9999	9
1641.03	1641.46	973.46	99.97	201.93	103.97	106.27	0	53.82897	46.17103	46.17103	0	-9999	9
1641.035	1641.465	973.465	100.96	117.9	102.09	102.33	9.8275	27.26372	62.90878	53.9648	8.943976	31.6653	9
1641.04	1641.47	973.47	105.43	71.05	104.98	104.09	29.2978	16.57344	54.12876	29.18683	24.94192	31.90207	9
1641.045	1641.475	973.475	106	118.17	105.57	106.22	17.21536	20.50572	62.27892	39.01819	23.26072	31.41729	9
1641.05	1641.48	973.48	107.55	118.01	106.75	107.09	18.69558	18.58401	62.72041	45.87598	16.84443	31.57122	9
1641.055	1641.485	973.485	104.44	122.56	103.86	105.25	18.75068	18.01761	63.23171	31.27197	31.95974	31.3762	9
1641.06	1641.49	973.49	107.85	208.04	106.98	106.48	0	24.26522	75.73478	75.73478	0	-9999	9
1641.065	1641.495	973.495	112.51	200.04	112.74	114.59	0	42.29237	57.70763	57.70763	0	-9999	9
1641.07	1641.5	973.5	109.9	210.53	109.63	109.64	0	32.91723	67.08277	67.08277	0	-9999	9
1641.075	1641.505	973.505	105.09	218.07	102.83	101.14	8.05926	11.29716	80.64358	63.44858	17.19501	33.14422	9
1641.08	1641.51	973.51	102.38	240.63	100.65	89.1	0.98544	15.92063	83.09393	83.09393	0	-9999	9
1641.085	1641.515	973.515	103.53	184.67	104.86	108.25	0	37.2434	62.7566	62.7566	0	-9999	9
1641.09	1641.52	973.52	103.72	140.43	103.63	102.11	11.29104	22.55002	66.15894	53.22161	12.93734	32.07389	9
1641.095	1641.525	973.525	105.24	137.9	105.99	106.45	3.9949	31.60351	64.40159	64.40159	0	-9999	9
1641.1	1641.53	973.53	106.23	153.03	107.6	111.74	0	40.2434	59.7566	59.7566	0	-9999	9
1641.105	1641.535	973.535	107.18	124.12	108.64	109.55	0.04236	41.0786	58.87904	58.87904	0	-9999	9
1641.11	1641.54	973.54	108.26	110.88	108.3	110.15	13.25784	27.26166	59.4805	38.87204	20.60846	30.86322	9
1641.115	1641.545	973.545	112.11	203.77	111.04	106.08	0	25.9247	74.0753	74.0753	0	-9999	9
1641.12	1641.55	973.55	119.3	274.11	122.37	130.06	0	100	0	0	0	-9999	9
1641.125	1641.555	973.555	118.15	210.81	117.9	110.27	0	46.90544	53.09456	53.09456	0	-9999	9
1641.13	1641.56	973.56	113.12	118.52	112.98	108.39	8.33276	33.06095	58.60629	55.76322	2.843066	31.80635	9
1641.135	1641.565	973.565	108.98	92.15	108.7	108.11	19.6081	23.62064	56.77126	36.95839	19.81286	31.25944	9
1641.14	1641.57	973.57	104.79	102.7	104.8	103.74	18.6623	22.02507	59.31263	31.61453	27.6981	31.56068	9
1641.145	1641.575	973.575	112.14	106.18	113.17	113.98	3.15314	45.60297	51.24389	51.24389	0	-9999	9
1641.15	1641.58	973.58	111.65	129.85	111.44	110.16	7.4858	30.63654	61.87766	54.97818	6.899484	-9999	9
1641.155	1641.585	973.585	112.71	123.71	112.52	107.27	7.84148	32.10266	60.05586	42.41226	17.64361	-9999	9
1641.16	1641.59	973.59	114.81	114.38	114.74	110.74	7.23734	36.69129	56.07137	39.55608	16.5153	-9999	9
1641.165	1641.595	973.595	112.68	125.61	112.39	110.05	8.18428	30.91444	60.90128	53.83522	7.066054	31.65976	9
1641.17	1641.6	973.6	106.09	179.36	104.41	100.57	12.01208	13.77396	74.21396	49.92401	24.28995	33.07686	9
1641.175	1641.605	973.605	105.56	171.1	105.29	100.62	3.5711	25.04608	71.38282	71.38282	0	-9999	9

1641.18	1641.61	973.61	102.49	101.22	102.85	102.72	18.42396	22.14201	59.43403	44.53255	14.90148	31.41542	9
1641.185	1641.615	973.615	99.75	114.67	100.78	102.72	12.49736	24.73261	62.77003	55.69055	7.079477	31.28841	9
1641.19	1641.62	973.62	97.09	198.29	100.41	85.29	0	42.30972	57.69028	57.69028	0	-9999	9
1641.195	1641.625	973.625	104.31	218.8	108.41	103.84	0	67.68307	32.31693	32.31693	0	-9999	9
1641.2	1641.63	973.63	115.27	156.79	116.57	115.02	0	61.06932	38.93068	38.93068	0	-9999	9
1641.205	1641.635	973.635	122.16	120.48	123.2	114.76	0	76.98598	23.01402	23.01402	0	-9999	9
1641.21	1641.64	973.64	125.94	125.66	127.63	130.21	0	100	0	0	0	-9999	9
1641.215	1641.645	973.645	127.64	102.85	128.22	131.61	0	87.02454	12.97546	12.97546	0	-9999	9
1641.22	1641.65	973.65	129.81	91.62	130.47	133.85	0	98.85665	1.143355	1.143355	0	-9999	9
1641.225	1641.655	973.655	131.67	114.23	133.14	135	0	100	0	0	0	-9999	9
1641.23	1641.66	973.66	133.77	82.26	133.23	134.14	1.20968	75.89306	22.89726	22.89726	0	-9999	9
1641.235	1641.665	973.665	134.15	80.61	134.28	135.79	0	100	0	0	0	-9999	9
1641.24	1641.67	973.67	134.08	90.54	134.62	133.5	0	100	0	0	0	-9999	9
1641.245	1641.675	973.675	134.44	75.05	134.62	134.08	0	100	0	0	0	-9999	9
1641.25	1641.68	973.68	134.9	78.44	135.38	136.51	0	100	0	0	0	-9999	9
1641.255	1641.685	973.685	135.01	78.86	135.52	133.78	0	100	0	0	0	-9999	9
1641.26	1641.69	973.69	134.58	103.73	135.04	132.41	0	100	0	0	0	-9999	9
1641.265	1641.695	973.695	134.16	119.43	134.73	133.04	0	100	0	0	0	-9999	9
1641.27	1641.7	973.7	133.84	107.71	134.46	129.61	0	100	0	0	0	-9999	9
1641.275	1641.705	973.705	134.31	87.45	134.92	133.24	0	100	0	0	0	-9999	9
1641.28	1641.71	973.71	134.41	85.75	135.26	135.67	0	100	0	0	0	-9999	9
1641.285	1641.715	973.715	133.89	67.42	133.74	134.63	1.66806	89.57881	8.753134	8.753134	0	-9999	9
1641.29	1641.72	973.72	131.99	49.51	131.73	131.32	8.60278	76.26722	15.13	7.786111	7.343894	22.98329	9
1641.295	1641.725	973.725	130.69	74.68	131.41	134.43	0	100	0	0	0	-9999	9
1641.3	1641.73	973.73	130.99	76.15	131.68	133.76	0	100	0	0	0	-9999	9
1641.305	1641.735	973.735	130.54	86.11	132.14	136.27	0	100	0	0	0	-9999	9
1641.31	1641.74	973.74	131.42	78.26	132.64	134.51	0	100	0	0	0	-9999	9
1641.315	1641.745	973.745	131.41	57.58	132.25	132.77	0	100	0	0	0	-9999	9
1641.32	1641.75	973.75	130.83	52.47	131.21	132.57	3.99366	92.33607	3.670266	2.897182	0.773084	-9999	9
1641.325	1641.755	973.755	129.68	54.27	130.25	132.8	3.14356	92.89474	3.961699	3.961699	0	-9999	9
1641.33	1641.76	973.76	128.33	61.58	128.44	128.96	6.18154	73.90109	19.91737	19.91737	0	-9999	9
1641.335	1641.765	973.765	129.52	78.68	129.9	132.35	0	87.96839	12.03161	12.03161	0	-9999	9
1641.34	1641.77	973.77	130.58	74.38	131.06	131.68	0	95.82374	4.176261	4.176261	0	-9999	9
1641.345	1641.775	973.775	130.52	77.88	131.13	131.5	0	99.95	0.049996	0.049996	0	-9999	9
1641.35	1641.78	973.78	129.57	69.09	129.94	131.98	1.20832	87.24354	11.54814	11.54814	0	-9999	9
1641.355	1641.785	973.785	128.23	64.09	129	131.68	0.55112	92.53704	6.91184	6.91184	0	-9999	9
1641.36	1641.79	973.79	127.58	74.98	127.18	128	7.58124	58.24763	34.17113	21.52661	12.64452	-9999	9
1641.365	1641.795	973.795	127.37	88.21	126.37	131.15	9.22278	42.99254	47.78468	46.13233	1.652348	27.58667	9
1641.37	1641.8	973.8	127.76	103.24	129.49	136.98	0	100	0	0	0	-9999	9
1641.375	1641.805	973.805	129.19	97.87	131.64	135.05	0	100	0	0	0	-9999	9
1641.38	1641.81	973.81	131.95	59.72	132.86	134.04	0	100	0	0	0	-9999	9
1641.385	1641.815	973.815	132.67	45.36	132.77	133.15	6.19148	91.29641	2.512113	2.167259	0.344854	-9999	9
1641.39	1641.82	973.82	131.57	45.99	132.03	132.61	3.92641	90.53006	5.543531	5.543531	0	-9999	9
1641.395	1641.825	973.825	130.03	61.12	130.78	132.55	0	100	0	0	0	-9999	9
1641.4	1641.83	973.83	125.27	150.04	128.57	131.23	0	100	0	0	0	-9999	9
1641.405	1641.835	973.835	119.32	278.46	125.24	125.91	0	100	0	0	0	-9999	9
1641.41	1641.84	973.84	113.04	347.31	119.9	122.2	0	100	0	0	0	-9999	9
1641.415	1641.845	973.845	108.53	270.32	111.57	116.9	0	72.24532	27.75468	27.75468	0	-9999	9
1641.42	1641.85	973.85	102.95	181.2	103.17	107.57	0	26.96157	73.03843	73.03843	0	-9999	9
1641.425	1641.855	973.855	98.9	103.33	98.21	102.21	29.35364	11.73923	58.90713	23.88141	35.02571	31.0815	9
1641.43	1641.86	973.86	99.42	136.04	100.23	104.8	9.33442	24.24172	66.42386	53.25087	13.17299	31.08592	9
1641.435	1641.865	973.865	100.89	195.39	100.2	104.85	5.24432	19.28868	75.467	74.31193	1.155065	-9999	9
1641.44	1641.87	973.87	100.64	204.57	97.8	95.1	19.91526	5.881465	74.20328	50.10183	24.10144	32.33147	9
1641.445	1641.875	973.875	105.05	152.66	106.41	104.41	0	37.95234	62.04766	62.04766	0	-9999	9
1641.45	1641.88	973.88	109.23	85.93	108.82	103.57	21.89084	22.13938	55.96978	24.43455	31.53522	32.1838	9
1641.455	1641.885	973.885	113.51	110.93	115.06	116.63	0	56.64062	43.35938	43.35938	0	-9999	9
1641.46	1641.89	973.89	116.23	112.35	117.45	120.47	0	59.63874	40.36126	40.36126	0	-9999	9
1641.465	1641.895	973.895	118.69	96.65	119.57	123	0.5959	60.22461	39.17949	39.17949	0	-9999	9
1641.47	1641.9	973.9	120.66	96.41	122.1	125.85	0	77.95334	22.04666	22.04666	0	-9999	9
1641.475	1641.905	973.905	121.76	72.61	122.43	122.79	5.21668	64.42438	30.35894	30.35894	0	-9999	9
1641.48	1641.91	973.91	121.34	57.37	121.33	120.17	14.56116	48.30344	37.1354	18.63647	18.49893	28.07946	9
1641.485	1641.915	973.915	122.23	79.23	122.78	123.43	4.11224	63.91569	31.97207	31.97207	0	-9999	9
1641.49	1641.92	973.92	120.6	78.36	121.03	121.02	6.75238	56.30034	36.94728	23.5937	13.35358	-9999	9
1641.495	1641.925	973.925	120.57	65.05	120.22	119.56	16.046	40.42165	43.53235	32.23121	11.30114	28.98334	9
1641.5	1641.93	973.93	120.17	69.16	119.59	118.89	17.20188	35.63054	47.16758	19.05187	28.11571	29.56669	9
1641.505	1641.935	973.935	118.87	105.28	118.36	116.56	9.11434	36.80873	54.07693	40.03806	14.03887	30.44992	9
1641.51	1641.94	973.94	117.09	105.97	117.41	116.94	4.15246	46.87102	48.97652	48.97652	0	-9999	9
1641.515	1641.945	973.945	113.61	113.28	113.57	114.32	8.37504	34.86652	56.75844	54.49618	2.262261	30.58917	9
1641.52	1641.95	973.95	110.19	105.59	110.95	112.22	7.18242	38.04782	54.76976	41.1169	13.65286	-9999	9
1641.525	1641.955	973.955	104.46	94.8	103.48	101.43	28.5502	12.88618	58.56362	24.31776	34.24586	32.31653	9
1641.53	1641.96	973.96	97.95	96.85	96.45	95.57	38.0733	5.994422	55.93228	20.87614	35.05614	32.67065	9
1641.535	1641.965	973.965	89.77	53.15	88.43	86.1	54.9343	1.150185	43.91552	22.56963	21.34589	35.07216	9
1641.54	1641.97	973.97	91.83	119.91	88.06	85.21	55.71568	0	44.28432	26.00503	18.27929	30.01608	9

1641.545	1641.975	973.975	95.29	131.39	91.3	86.26	51.45932	0	48.54068	26.75017	21.79051	28.87062	9
1641.55	1641.98	973.98	103.07	181.61	99.2	98.79	31.21848	0	68.78152	25.98156	42.79996	29.12144	9
1641.555	1641.985	973.985	112.25	225.61	112.68	118.43	0	46.09875	53.90125	53.90125	0	-9999	9
1641.56	1641.99	973.99	119.54	221.74	122.39	125.73	0	100	0	0	0	-9999	9
1641.565	1641.995	973.995	121.71	176.69	122.59	121.17	0	75.68432	24.31568	24.31568	0	-9999	9
1641.57	1642	974	120.89	235.63	123.22	126.02	0	100	0	0	0	-9999	9
1641.575	1642.005	974.005	125.18	159.77	126.65	130.22	0	100	0	0	0	-9999	9
1641.58	1642.01	974.01	126.61	139.57	129.58	133.78	0	100	0	0	0	-9999	9
1641.585	1642.015	974.015	128.72	80.82	129.94	131.94	0	100	0	0	0	-9999	9
1641.59	1642.02	974.02	121.72	77.28	122.14	121.96	6.06084	59.4202	34.51896	34.51896	0	-9999	9
1641.595	1642.025	974.025	122.39	65.5	121.98	121.06	14.7277	43.41828	41.85402	29.26708	12.58694	28.57023	9
1641.6	1642.03	974.03	124.15	122.59	123.43	124.39	1.69522	44.72762	53.57716	53.57716	0	-9999	9
1641.605	1642.035	974.035	132.97	63.59	134.29	137.67	0	100	0	0	0	-9999	9
1641.61	1642.04	974.04	133.97	50.9	135	136.61	0	100	0	0	0	-9999	9
1641.615	1642.045	974.045	134.92	62.73	136.02	137.55	0	100	0	0	0	-9999	9
1641.62	1642.05	974.05	135.66	68.28	136.69	138.61	0	100	0	0	0	-9999	9
1641.625	1642.055	974.055	133.68	87.66	135.08	137.89	0	100	0	0	0	-9999	9
1641.63	1642.06	974.06	132.41	101.05	133.01	131.85	0	100	0	0	0	-9999	9
1641.635	1642.065	974.065	132.9	93.1	133.04	132.32	0	97.05219	2.947805	2.947805	0	-9999	9
1641.64	1642.07	974.07	127.52	60.24	127.86	128.13	5.46852	76.99812	17.53336	14.64627	2.887091	-9999	9
1641.645	1642.075	974.075	124.43	66.85	124.28	125.59	10.5092	54.48089	35.00991	28.79185	6.218057	26.8314	9
1641.65	1642.08	974.08	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1642	1642.43	974.43	88.39	51.31	86.13	85.13	63.77918	0	36.22082	9.17136	27.04946	33.0462	2
1642.005	1642.435	974.435	88.23	27.79	87.02	86.47	61.48072	0	38.51928	7.712343	30.80694	35.55593	2
1642.01	1642.44	974.44	88.81	35.64	87.39	85.29	60.67492	0	39.32508	8.551728	30.77335	35.51001	2
1642.015	1642.445	974.445	90.02	92.26	86.51	85	62.05718	0	37.94282	9.296471	28.64635	30.24456	2
1642.02	1642.45	974.45	87.76	45.88	86.66	85.71	56.68284	0.961697	42.35546	26.38153	15.97393	35.08744	2
1642.025	1642.455	974.455	87.34	47.15	86.44	85.94	55.2119	1.613713	43.17439	21.85451	21.31987	34.69049	2
1642.03	1642.46	974.46	85.53	35.48	84.7	81.61	59.15874	0.491041	40.35022	11.72804	28.62218	35.96345	2
1642.035	1642.465	974.465	87.78	60.44	85.87	83.24	59.41842	0	40.58158	25.10021	15.48137	34.5955	2
1642.04	1642.47	974.47	90.58	81.67	88.47	84.06	53.25476	0.300555	46.44468	15.37626	31.06843	34.89946	2
1642.045	1642.475	974.475	89.45	76.62	88.12	85.11	49.47146	2.683719	47.84482	18.81198	29.03284	34.00193	2
1642.05	1642.48	974.48	87.57	86.4	84.9	81.04	59.2193	0	40.7807	12.94939	27.83131	33.34095	2
1642.055	1642.485	974.485	89.45	105.75	85.9	81.18	59.627	0	40.373	7.339901	33.0331	31.22314	2
1642.06	1642.49	974.49	87.19	74.07	84.38	81.56	63.63776	0	36.36224	18.13339	18.22885	32.45909	2
1642.065	1642.495	974.495	88.84	102.47	86.02	81.65	55.32446	0	44.67554	17.7122	26.96334	33.4629	2
1642.07	1642.5	974.5	84.82	84.1	82.11	78.18	62.6159	0	37.3841	10.9998	26.3843	33.33159	2
1642.075	1642.505	974.505	82.98	52.83	81.09	79.61	65.52104	0	34.47896	23.0808	11.39816	33.86135	2
1642.08	1642.51	974.51	81.74	24.98	81.16	80.92	63.24904	0	36.75096	10.01077	26.74019	35.37724	2
1642.085	1642.515	974.515	85.34	46.05	84.72	79.24	55.1481	1.809742	43.04216	13.61638	29.42578	35.49481	2
1642.09	1642.52	974.52	85.03	66.56	82.67	80.06	63.95488	0	36.04512	6.925364	29.11976	33.43453	2
1642.095	1642.525	974.525	85.13	82.31	81.72	80.43	68.18888	0	31.81112	19.68529	12.12583	31.34767	2
1642.1	1642.53	974.53	86.07	99.76	81.65	79.62	70.92868	0	29.07132	16.18517	12.88615	29.64242	2
1642.105	1642.535	974.535	94.86	161.96	92.84	89.56	29.18948	6.813005	63.99751	43.49173	20.50578	31.97983	2
1642.11	1642.54	974.54	96.21	167.79	94.2	92.26	26.45912	7.528481	66.0124	40.57393	25.43847	31.76966	2
1642.115	1642.545	974.545	92.58	149.43	91.4	92.23	27.80934	9.194383	62.99628	27.12187	35.8744	31.09894	2
1642.12	1642.55	974.55	87.14	134.94	85.06	79.63	43.29572	3.552498	53.15178	28.54517	24.60661	32.76832	2
1642.125	1642.555	974.555	82.61	65.25	80.61	78.47	63.7083	0	36.2917	25.28488	11.00682	34.02979	2
1642.13	1642.56	974.56	80.34	19.94	79.61	78.47	66.91922	0	33.08078	24.57174	8.509042	34.85704	2
1642.135	1642.565	974.565	81.11	25.09	80.3	78.72	65.58452	0	34.41548	14.7138	19.70168	35.05144	2
1642.14	1642.57	974.57	81.6	31.61	80.35	79.1	66.96588	0	33.03412	11.85694	21.17718	34.43674	2
1642.145	1642.575	974.575	81.74	28.37	80.65	78.04	66.38116	0	33.61884	9.422867	24.19597	34.92406	2
1642.15	1642.58	974.58	80.3	22.25	79.46	78.31	67.2495	0	32.7505	5.263039	27.48746	34.72115	2
1642.155	1642.585	974.585	80.41	26.87	79.31	77.04	68.04526	0	31.95474	18.45417	13.50057	34.63056	2
1642.16	1642.59	974.59	79.29	26.4	78.08	76.27	70.0419	0	29.9581	9.345445	20.61265	34.27205	2
1642.165	1642.595	974.595	81.67	47.79	79.59	77	69.41842	0	30.58158	15.38568	15.1959	33.64646	2
1642.17	1642.6	974.6	82.05	55.39	80.12	76.21	66.06712	0	33.93288	11.05134	22.88154	34.25368	2
1642.175	1642.605	974.605	84.58	59.72	83.2	80.61	58.42916	0.204513	41.36633	11.01483	30.3515	35.29232	2
1642.18	1642.61	974.61	88.8	45.29	88.57	89.84	49.12632	4.509775	46.3639	27.83364	18.53027	33.47853	4
1642.185	1642.615	974.615	89.62	57.99	89.75	91.02	42.50852	7.218465	50.27302	29.31842	20.9546	32.5488	4
1642.19	1642.62	974.62	92.96	71.03	92.77	94.91	38.76004	8.622447	52.61751	28.05754	24.55998	32.01356	4
1642.195	1642.625	974.625	94.49	78.97	94.76	97.17	31.86596	12.48256	55.65148	40.5809	15.07058	31.43842	4
1642.2	1642.63	974.63	98.44	93.09	100.59	101.96	10.24492	29.3335	60.42158	50.5921	9.829488	31.45433	4
1642.205	1642.635	974.635	98.39	67.55	98.34	98.49	33.5216	12.95172	53.52668	22.86342	30.66327	32.03226	4
1642.21	1642.64	974.64	94.94	50.34	93.91	93.11	48.45542	4.146794	47.39779	22.61164	24.78615	34.02084	4
1642.215	1642.645	974.645	95.68	55.86	94.85	94.2	44.88878	5.897052	49.21417	23.40949	25.80468	33.45257	4
1642.22	1642.65	974.65	95.85	69.35	94.24	92.87	47.5128	2.831515	49.65569	23.88563	25.77006	33.94712	4
1642.225	1642.655	974.655	96.82	47.24	96.21	95.24	44.22102	7.142349	48.63663	31.32331	17.31332	33.48721	4
1642.23	1642.66	974.66	96.53	53.67	96.26	97.75	40.29676	9.309164	50.39408	19.45017	30.94391	32.4748	4
1642.235	1642.665	974.665	95.94	46.85	95.24	94.96	45.8225	6.117135	48.06037	26.40927	21.6511	33.56783	4
1642.24	1642.67	974.67	98.24	69.7	97.58	96.73	37.8668	9.235795	52.89741	23.10309	29.79431	32.66369	4
1642.245	1642.675	974.675	100.63	65.55	100.34	100.38	33.8048	13.08642	53.10878	28.52248	24.5863	32.10383	4
1642.25	1642.68	974.68	96.55	51.83	96.1	94.79	42.11864	8.185152	49.69621	21.10539	28.59081	33.2314	4

1642.255	1642.685	974.685	94.63	57.69	93.78	92.67	45.56692	5.402773	49.03031	17.97196	31.05835	33.57358	4
1642.26	1642.69	974.69	92.19	46.56	91.43	89.85	49.80768	3.957933	46.23439	16.18796	30.04642	34.25634	4
1642.265	1642.695	974.695	93.77	53.4	93.06	92.12	46.3113	5.384718	48.30398	30.0852	18.21878	33.63055	4
1642.27	1642.7	974.7	91.33	48.15	90.19	88.87	53.1591	2.094022	44.74688	18.30943	26.43745	34.71652	4
1642.275	1642.705	974.705	93.48	59.76	92.43	90.75	47.67398	4.073375	48.25265	33.23867	15.01398	33.91461	4
1642.28	1642.71	974.71	94.86	39.66	94.51	93.26	45.84358	6.8521	47.30432	23.20276	24.10156	33.73256	4
1642.285	1642.715	974.715	94.47	47.27	94.2	91.98	43.74076	7.53763	48.72161	28.48256	20.23904	33.56465	4
1642.29	1642.72	974.72	94.32	70.91	93.77	95.3	40.32788	7.634367	52.03775	20.75366	31.2841	32.33581	4
1642.295	1642.725	974.725	94.36	77.93	93.47	91.67	41.22724	6.444687	52.32807	29.96609	22.36198	33.01621	4
1642.3	1642.73	974.73	94.28	106.16	93.11	90.95	36.63918	6.952504	56.40832	31.14669	25.26162	32.47027	4
1642.305	1642.735	974.735	95.06	80.64	94.32	92.67	38.76492	7.721077	53.514	26.60367	26.91033	32.74553	4
1642.31	1642.74	974.74	94.47	73.4	93.55	92.85	42.4548	6.041426	51.50377	29.37894	22.12484	32.9891	4
1642.315	1642.745	974.745	91.76	50.17	91.41	91.39	46.15216	5.813373	48.03447	31.28176	16.75271	33.37074	4
1642.32	1642.75	974.75	89.69	50.67	88.71	90.87	52.81806	2.342635	44.83931	26.23499	18.60431	33.88286	4
1642.325	1642.755	974.755	91.1	57.07	90.45	89.38	47.41456	4.663353	47.92209	31.71275	16.20933	33.65136	4
1642.33	1642.76	974.76	94.91	68.76	94.11	91.67	42.24288	6.537459	51.21966	30.98672	20.23294	33.33062	4
1642.335	1642.765	974.765	97	74.01	96.9	93.73	33.62458	11.99514	54.38028	31.84282	22.53746	32.63604	4
1642.34	1642.77	974.77	92.28	103.55	90.28	87.32	45.5433	2.484423	51.97228	35.36659	16.60569	33.40535	4
1642.345	1642.775	974.775	87.66	57.59	86.19	84.82	56.80852	0.44752	42.74396	14.40759	28.33637	35.02434	4
1642.35	1642.78	974.78	88.62	47.71	87.96	87.38	52.03878	2.966677	44.99454	28.03577	16.95877	34.22985	4
1642.355	1642.785	974.785	91.51	37.24	91.3	90.67	48.42622	5.426215	46.14756	33.80495	12.34262	33.90735	4
1642.36	1642.79	974.79	93.93	59.88	94.82	95.5	32.19594	13.98543	53.81863	36.01094	17.80769	31.84612	4
1642.365	1642.795	974.795	95.66	71.67	96.55	98.32	27.75116	16.40248	55.84636	32.5721	23.27426	31.36975	4
1642.37	1642.8	974.8	93.01	65.24	91.24	88.43	52.36022	1.033718	46.60606	19.331	27.27506	34.82445	4
1642.375	1642.805	974.805	93.58	61.65	92.39	89.67	48.2096	3.587087	48.20331	21.25746	26.94585	34.18214	4
1642.38	1642.81	974.81	90.79	47.45	89.08	86.59	58.2428	0	41.7572	12.28616	29.47104	35.30909	4
1642.385	1642.815	974.815	92.69	55.6	91.28	88.69	52.1975	1.881092	45.92141	27.2429	18.67851	34.80782	4
1642.39	1642.82	974.82	90.79	28.58	90.26	89.09	53.66434	3.105557	43.2301	13.19756	30.03254	34.93193	4
1642.395	1642.825	974.825	94.06	59.29	92.84	92.1	48.57162	3.465186	47.96319	14.59825	33.36494	33.9214	4
1642.4	1642.83	974.83	95.68	80.08	93.9	92.51	46.39004	2.646456	50.9635	20.60692	30.35658	33.70897	4
1642.405	1642.835	974.835	93.9	65.95	92.37	90.6	49.5096	2.402042	48.08836	25.97839	22.10997	34.20923	4
1642.41	1642.84	974.84	93.79	78.58	91.79	88.28	50.19684	1.073021	48.73014	16.40113	32.32901	34.54413	4
1642.415	1642.845	974.845	94.78	82.03	93.2	89.14	45.19614	3.512368	51.29149	31.79514	19.49636	33.94181	4
1642.42	1642.85	974.85	92.07	81.69	89.91	87.22	52.26662	0.311612	47.42177	16.16487	31.25689	34.5515	4
1642.425	1642.855	974.855	89.39	62.64	87.29	84.51	58.87732	0	41.12268	7.8301	33.29258	34.23581	4
1642.43	1642.86	974.86	89.87	60.87	88.55	87.28	52.81906	1.775985	45.40495	16.32624	29.07872	34.41476	4
1642.435	1642.865	974.865	88.86	39.64	87.48	86.15	59.35092	0	40.64908	22.10507	18.54401	35.62821	4
1642.44	1642.87	974.87	89.79	67.52	87.57	86.02	58.25836	0	41.74164	25.30878	16.43286	33.78076	4
1642.445	1642.875	974.875	94.14	109.79	91.75	85.9	45.34452	1.470225	53.18525	25.558	27.62725	34.0457	4
1642.45	1642.88	974.88	101.17	284.09	94.17	87.39	32.42382	0	67.57618	30.89109	36.68509	16.32108	4
1642.455	1642.885	974.885	91.82	119.5	88.2	85.81	54.6616	0	45.3384	18.08845	27.24995	30.47876	4
1642.46	1642.89	974.89	97.49	178.35	93.69	86.39	36.5985	0	63.4015	23.0229	40.3786	32.29304	4
1642.465	1642.895	974.895	96.01	210.04	90.32	85.67	44.93862	0	55.06138	13.42646	41.63492	24.04574	4
1642.47	1642.9	974.9	91.73	73.48	89.98	88.85	51.38874	1.385392	47.22587	17.7778	29.44807	34.16253	4
1642.475	1642.905	974.905	92.14	34.68	91.49	90.14	51.87614	3.622329	44.50153	20.74915	23.75238	34.65505	4
1642.48	1642.91	974.91	94.14	43.49	93.48	93.06	47.98162	5.143957	46.87442	20.04376	26.83066	33.86377	4
1642.485	1642.915	974.915	94.48	53.99	93.94	93.2	44.19782	6.6297	49.17248	23.76482	25.40766	33.32096	4
1642.49	1642.92	974.92	93.46	52.07	92.61	92.85	48.00336	4.483122	47.51352	29.24487	18.26865	33.65922	4
1642.495	1642.925	974.925	93.56	71.87	92.3	90.67	46.29726	3.944472	49.75827	35.07533	14.68293	33.62215	4
1642.5	1642.93	974.93	94.5	59.26	93.81	92.61	44.06658	6.243768	49.68965	34.90116	14.78849	33.36283	4
1642.505	1642.935	974.935	95.93	53.89	95.13	92.56	44.90302	6.05153	49.04545	26.47564	22.56981	33.82596	4
1642.51	1642.94	974.94	93.08	53.83	92.45	87.55	46.22204	5.454953	48.32301	31.86991	16.4531	34.31055	4
1642.515	1642.945	974.945	89.52	41.09	89.16	87.2	50.48782	4.056055	45.45613	26.09405	19.36207	34.35387	4
1642.52	1642.95	974.95	89.92	65.04	89.57	89.91	44.24642	5.900627	49.85295	18.66666	31.18629	32.84982	4
1642.525	1642.955	974.955	89.82	84.39	89.45	88.58	39.81072	7.078884	53.1104	32.46545	20.64495	32.42787	4
1642.53	1642.96	974.96	88.18	56.01	87.63	86.71	49.58248	3.76097	46.65655	16.12408	30.53247	33.79253	4
1642.535	1642.965	974.965	86.84	28.26	86.16	84.96	58.53828	0.925941	40.53578	16.83756	23.69822	35.66573	4
1642.54	1642.97	974.97	87.45	63.08	86.13	85.45	54.51064	1.279285	44.21007	20.36291	23.84717	34.3918	4
1642.545	1642.975	974.975	87.75	45.35	86.51	84.38	57.9053	0.43546	41.65924	19.98625	21.67299	35.54296	4
1642.55	1642.98	974.98	89.19	32.81	88.28	86.84	57.05768	1.231097	41.71122	13.15479	28.55643	35.49677	4
1642.555	1642.985	974.985	90.49	38.22	89.65	88.06	54.00996	2.351199	43.63884	23.38793	20.25092	34.9626	4
1642.56	1642.99	974.99	90.9	72.89	90.63	86.86	40.82512	7.248558	51.92632	30.57093	21.35539	33.21023	4
1642.565	1642.995	974.995	87.53	76.16	84.78	83.73	62.35418	0	37.64582	24.37815	13.26767	32.30858	4
1642.57	1643	975	85.66	37.38	84.04	82.26	64.70184	0	35.29816	15.89303	19.40513	34.38547	4
1642.575	1643.005	975.005	87.21	23.09	86.59	86.32	58.98402	0.916747	40.09923	11.64127	28.45796	35.67292	4
1642.58	1643.01	975.01	91.92	33.35	91.15	90.56	53.3304	2.90428	43.76532	13.96314	29.80218	34.77677	4
1642.585	1643.015	975.015	102.09	93.71	101.82	103.92	25.49188	16.39818	58.10994	31.94149	26.16846	31.22324	4
1642.59	1643.02	975.02	113.5	145.73	114.71	118.84	0	54.08707	45.91293	45.91293	0	-9999	4
1642.595	1643.025	975.025	123.34	99.68	124.96	126.26	0	93.81811	6.181891	6.181891	0	-9999	4
1642.6	1643.03	975.03	120.96	134.8	122.86	124.02	0	91.46064	8.539358	8.539358	0	-9999	4
1642.605	1643.035	975.035	117.92	103.97	119.59	120.49	0	72.4409	27.5591	27.5591	0	-9999	4
1642.61	1643.04	975.04	122.52	69.68	122.59	121.52	9.87654	54.00371	36.11975	22.22361	13.89614	27.62773	4
1642.615	1643.045	975.045	127.35	61.37	127.9	126.92	3.72396	82.13144	14.1446	8.30748	5.837122	-9999	4

1642.62	1643.05	975.05	107.6	164.83	108.72	109.46	0	41.07772	58.92228	58.92228	0	-9999	4
1642.625	1643.055	975.055	110.42	420.29	101.66	99.16	4.59342	0	95.40658	70.25395	25.15263	-9999	4
1642.63	1643.06	975.06	115.6	405.88	114.54	95.31	0	43.5535	56.4465	56.4465	0	-9999	4
1642.635	1643.065	975.065	105.6	125.98	103.84	96.19	26.00084	9.275195	64.72397	38.31419	26.40977	33.55948	4
1642.64	1643.07	975.07	101.17	44.06	100.48	98.92	41.60858	9.272694	49.11873	31.31379	17.80494	33.34518	4
1642.645	1643.075	975.075	100.82	33.13	100.63	99.51	40.70064	11.75838	47.54098	26.87772	20.66326	33.04992	4
1642.65	1643.08	975.08	97.56	56.42	97.21	98.94	39.30366	9.743143	50.9532	33.82047	17.13273	32.32988	4
1642.655	1643.085	975.085	98.16	78.58	98.22	99.94	30.21144	14.19246	55.5961	30.59143	25.00467	31.4923	4
1642.66	1643.09	975.09	97.94	68.74	97.98	98.13	32.95012	13.22029	53.82959	27.8252	26.00439	31.97537	4
1642.665	1643.095	975.095	95.05	51.15	93.94	93.16	48.7782	3.846398	47.3754	28.83369	18.54171	34.07001	4
1642.67	1643.1	975.1	95.27	48.97	93.95	92.28	50.73086	2.729385	46.53976	26.94524	19.59451	34.60156	4
1642.675	1643.105	975.105	95.49	55.58	94.71	93.32	44.74384	6.043526	49.21263	26.59843	22.6142	33.55555	4
1642.68	1643.11	975.11	95.6	50.22	95.41	95.08	41.36726	8.88679	49.74595	23.02146	26.72449	32.92387	4
1642.685	1643.115	975.115	98.58	44.58	98.39	97	39.99054	10.67468	49.33478	31.76332	17.57146	33.00746	4
1642.69	1643.12	975.12	101.96	69.45	102.18	101.9	27.6849	18.32068	53.99442	24.25057	29.74385	31.61412	4
1642.695	1643.125	975.125	103.38	88.63	104.55	109.8	14.37444	29.14191	56.48365	36.23102	20.25263	30.14659	4
1642.7	1643.13	975.13	104.89	84.01	105.47	105	18.67578	25.91154	55.41268	37.39536	18.01732	31.15196	4
1642.705	1643.135	975.135	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1643.005	1643.435	975.4346	104.32	29.73	103.58	102.94	42.56594	10.33661	47.09745	25.74054	21.35691	33.3257	8
1643.01	1643.439	975.4394	103.04	99.08	100.85	96.91	38.19834	3.316074	58.48559	28.994	29.49159	33.72273	8
1643.015	1643.444	975.4443	101.51	56.07	99.93	98.43	45.28686	4.150437	50.5627	17.38168	33.18102	34.04456	8
1643.02	1643.449	975.4492	102.97	105.86	99.92	97.49	43.28698	0	56.71302	20.24542	36.4676	31.20164	8
1643.025	1643.454	975.454	102.09	101.49	99.27	94.92	43.37162	0	56.62838	25.11727	31.51111	33.17542	8
1643.03	1643.459	975.4589	100.6	104.02	97.7	95.02	44.75016	0	55.24984	18.2102	37.03964	32.42582	8
1643.035	1643.464	975.4638	99.01	123.48	95.06	91.73	49.64114	0	50.35886	19.31474	31.04412	26.99768	8
1643.04	1643.469	975.4687	93.83	24.47	93.41	92.73	51.00966	4.87204	44.1183	17.87265	26.24565	34.51501	8
1643.045	1643.474	975.4735	96.63	57.42	94.97	94.11	50.06976	2.005644	47.9246	22.21375	25.71084	34.39758	8
1643.05	1643.478	975.4784	98.39	53.13	97.53	96.3	43.28874	7.001468	49.70979	16.35182	33.35797	33.45293	8
1643.055	1643.483	975.4833	103.66	158.14	100.33	96.41	32.17042	0	67.82958	30.11043	37.71915	32.49062	8
1643.06	1643.488	975.4881	101.7	160.2	98.11	91.78	35.4901	0	64.5099	34.72946	29.78044	31.30055	8
1643.065	1643.493	975.493	100.38	166.81	95.4	92.43	45.87738	0	54.12262	28.66866	25.45396	21.9745	8
1643.07	1643.498	975.4979	100.61	110.73	98.28	98.69	38.69964	2.694762	58.6056	28.78504	29.82056	32.75048	8
1643.075	1643.503	975.5027	102.67	174.42	99.07	97.74	31.23396	0	68.76604	31.03492	37.73112	31.11427	8
1643.08	1643.508	975.5076	103.07	149.23	100.06	94.78	32.38944	0.988947	66.62161	34.06537	32.55624	33.55812	8
1643.085	1643.512	975.5125	100.85	147.63	98.25	88.9	31.64154	3.527777	64.83068	38.73024	26.10044	33.92293	8
1643.09	1643.517	975.5174	99.42	147.15	96.66	87.73	34.3133	2.461531	63.22517	38.482	24.74317	33.87452	8
1643.095	1643.522	975.5222	97.26	140.17	93.53	87.91	45.50716	0	54.49284	12.88645	41.60639	30.1326	8
1643.1	1643.527	975.5271	99.45	133.71	97.71	88.67	29.63318	7.596434	62.77039	28.25918	34.51121	33.56014	8
1643.105	1643.532	975.532	104.19	185.85	102.08	91.3	15.522	10.05046	74.42754	55.68052	18.74702	34.19983	8
1643.11	1643.537	975.5368	106.83	263.77	105.26	91.16	0	20.80811	79.19189	79.19189	0	-9999	8
1643.115	1643.542	975.5417	102.41	297.99	97.14	88.16	14.51172	0	85.48828	55.10364	30.38464	29.75575	8
1643.12	1643.547	975.5466	97.77	145.69	94.72	91.13	38.43212	0.792892	60.77499	34.66925	26.10573	33.05147	8
1643.125	1643.551	975.5514	94.87	108.67	92.11	88.8	47.81146	0	52.18854	18.75917	33.42937	33.67757	8
1643.13	1643.556	975.5563	94.27	104.8	91.99	83.77	45.58	1.647497	52.7725	32.16271	20.60979	34.56017	8
1643.135	1643.561	975.5612	92.89	118.8	90.47	83.28	44.5466	1.826631	53.62677	32.40946	21.21731	33.9759	8
1643.14	1643.566	975.566	92.76	152.67	88.59	85.02	50.03216	0	49.96784	15.29087	34.67697	29.61715	8
1643.145	1643.571	975.5709	92.94	162.49	87.53	84.73	57.10012	0	42.89988	12.15576	30.74412	24.99084	8
1643.15	1643.576	975.5758	88.5	110.63	84.85	84.11	60.09504	0	39.90496	20.73288	19.17208	30.54822	8
1643.155	1643.581	975.5807	87.3	52.05	85.27	84.14	62.8204	0	37.1796	11.58402	25.59558	33.6844	8
1643.16	1643.586	975.5855	88.26	76.8	85.36	84.24	62.6902	0	37.3098	25.41041	11.89939	31.85515	8
1643.165	1643.59	975.5904	91.29	127.9	86.44	84.78	62.6489	0	37.3511	7.690623	29.66048	26.59892	8
1643.17	1643.595	975.5953	93.03	131.91	89.38	85.71	50.77768	0	49.22232	27.32938	21.89294	30.82363	8
1643.175	1643.6	975.6001	94.12	99.2	93.49	88.69	34.2857	9.041654	56.67265	37.94782	18.72482	32.80745	8
1643.18	1643.605	975.605	94.16	134.99	94.95	92.98	14.58272	18.73236	66.68492	51.77501	14.90991	32.06625	8
1643.185	1643.61	975.6099	92.98	119.55	93.72	91.18	19.7923	16.43149	63.77621	44.74057	19.03563	32.00394	8
1643.19	1643.615	975.6147	92.8	165.54	91.42	80.96	25.25832	9.468814	65.27287	45.62227	19.6506	33.05355	8
1643.195	1643.62	975.6196	92.7	142.34	90.62	82.52	36.38972	4.835281	58.775	31.17285	27.60215	33.14334	8
1643.2	1643.624	975.6245	93.95	96	92.85	86.04	38.859	6.472215	54.66879	36.95649	17.7123	33.55633	8
1643.205	1643.629	975.6293	99.39	94.53	99.29	96.43	26.45994	15.28417	58.25589	39.82451	18.43138	32.16414	8
1643.21	1643.634	975.6342	103.78	135.24	103.59	94.6	13.26682	21.4458	65.28738	49.29784	15.98954	33.34718	8
1643.215	1643.639	975.6391	107.63	186.8	107.69	104.14	0	31.72494	68.27506	68.27506	0	-9999	8
1643.22	1643.644	975.644	109.46	192.83	110.16	103.33	0	41.86122	58.13878	58.13878	0	-9999	8
1643.225	1643.649	975.6488	110.38	195.11	111.2	105.05	0	45.17641	54.82359	54.82359	0	-9999	8
1643.23	1643.654	975.6537	109.4	151.27	110.02	107.82	0	38.04434	61.95566	61.95566	0	-9999	8
1643.235	1643.659	975.6586	109.94	150.65	109.41	106.78	6.5054	26.07502	67.41958	59.89547	7.524101	-9999	8
1643.24	1643.663	975.6634	114.54	148.86	113.87	107.61	3.79158	30.22156	65.98686	65.98686	0	-9999	8
1643.245	1643.668	975.6683	117.31	156.01	115.86	111.98	5.55788	22.91446	71.52766	63.87936	7.648299	-9999	8
1643.25	1643.673	975.6732	118.09	201.3	117.78	122.49	0	45.14586	54.85414	54.85414	0	-9999	8
1643.255	1643.678	975.678	118.01	172.35	118.43	118.87	0	55.30563	44.69437	44.69437	0	-9999	8
1643.26	1643.683	975.6829	121	163.72	121.84	128.06	0	71.49324	28.50676	28.50676	0	-9999	8
1643.265	1643.688	975.6878	124.84	116.43	125.71	128.2	0	83.52688	16.47312	16.47312	0	-9999	8
1643.27	1643.693	975.6927	126.53	109.6	127.5	129.39	0	93.13063	6.869374	6.869374	0	-9999	8
1643.275	1643.698	975.6975	127.52	106.17	128.65	129.67	0	100	0	0	0	-9999	8

1643.28	1643.702	975.7024	124.65	214.72	128.55	131.73	0	100	0	0	0	-9999	8
1643.285	1643.707	975.7073	119.96	270.83	125.11	126.17	0	100	0	0	0	-9999	8
1643.29	1643.712	975.7121	116.14	315.45	119.77	122.1	0	100	0	0	0	-9999	8
1643.295	1643.717	975.717	109.65	271.1	107.05	99.62	0	12.72575	87.27425	87.27425	0	-9999	8
1643.3	1643.722	975.7219	106.54	222.26	103.53	98.72	11.52378	5.713081	82.76314	63.73552	19.02762	33.84004	8
1643.305	1643.727	975.7267	105.64	157.79	102.99	97.92	25.16352	4.240452	70.59603	47.13976	23.45627	33.37848	8
1643.31	1643.732	975.7316	101.03	122	99.3	95.86	30.9359	7.411937	61.65216	35.42425	26.22792	32.73111	8
1643.315	1643.736	975.7365	100.21	107.1	99.28	100.74	29.0961	11.27116	59.63274	34.51407	25.11866	31.58511	8
1643.32	1643.741	975.7413	102.2	159.96	100.33	93.21	21.75818	9.43364	68.80818	36.04597	32.7622	33.20104	8
1643.325	1643.746	975.7462	103.99	166.44	103.7	98.04	6.29822	22.94455	70.75723	70.51702	0.240207	-9999	8
1643.33	1643.751	975.7511	101.06	171.33	99.5	94.35	17.65294	11.87717	70.46989	51.51988	18.95001	32.75735	8
1643.335	1643.756	975.756	101.69	205.82	99.82	89.04	11.12926	12.3621	76.50864	59.94626	16.56238	34.19159	8
1643.34	1643.761	975.7608	99.39	167.59	96.52	87.53	30.24692	3.209037	66.54404	41.47636	25.06769	33.56947	8
1643.345	1643.766	975.7657	99.47	123.79	97.31	93.61	35.27042	4.405916	60.32366	35.74972	24.57395	33.01009	8
1643.35	1643.771	975.7706	102.25	114.37	100.18	98.39	34.29496	4.99128	60.71376	32.53879	28.17497	32.83113	8
1643.355	1643.775	975.7754	103.87	150.68	101.78	101.98	24.17254	7.73795	68.08951	43.00435	25.08516	32.05312	8
1643.36	1643.78	975.7803	106.16	153.43	104.02	102.94	21.78774	8.181972	70.03029	47.22744	22.80285	32.44901	8
1643.365	1643.785	975.7852	107.76	168.23	105.59	103.51	16.96664	9.395687	73.63767	54.47016	19.16751	32.81508	8
1643.37	1643.79	975.79	105.61	177.68	104.27	103.09	10.22524	16.27446	73.5003	59.60636	13.89394	32.53381	8
1643.375	1643.795	975.7949	101.5	85.48	101.32	101.16	27.32884	15.97075	56.70041	34.48442	22.216	31.6881	8
1643.38	1643.8	975.7998	102.83	97.1	102.16	103.57	27.0907	14.24203	58.66727	43.65536	15.01191	31.49728	8
1643.385	1643.805	975.8047	104.87	156.91	102.64	100.96	22.82988	7.351808	69.81831	34.89034	34.92797	32.50063	8
1643.39	1643.81	975.8095	102.64	225.83	99.65	97.59	14.09284	6.316318	79.59084	49.72054	29.8703	32.65572	8
1643.395	1643.814	975.8144	103.18	218.06	101	98.74	9.19888	11.45133	79.34979	61.12185	18.22794	32.94413	8
1643.4	1643.819	975.8193	102.36	154.5	102.68	104.15	5.9598	25.27552	68.76468	67.45608	1.308599	-9999	8
1643.405	1643.824	975.8241	101.24	105.52	101.14	102.83	22.09836	17.66415	60.23749	41.15148	19.08601	31.21175	8
1643.41	1643.829	975.829	103.17	78.51	103.1	101.92	26.62668	17.95787	55.41545	27.3864	28.02905	31.76363	8
1643.415	1643.834	975.8339	103.13	70.3	103.21	104.21	27.4878	18.55765	53.95455	37.82243	16.13212	31.34539	8
1643.42	1643.839	975.8387	103.94	95.42	104.69	105.27	15.47106	26.82955	57.69939	38.83868	18.86071	31.07263	8
1643.425	1643.844	975.8436	106.55	93.73	106.74	107.15	17.81884	25.25373	56.92743	31.48101	25.44642	31.03039	8
1643.43	1643.848	975.8485	110.89	83.82	110.27	108.27	22.50176	21.70007	55.79817	23.77755	32.02062	31.57745	8
1643.435	1643.853	975.8533	112.24	82.68	111.81	111.11	20.06314	25.62703	54.30983	33.09459	21.21524	30.97701	8
1643.44	1643.858	975.8582	111.79	108.92	112.04	110.8	8.85706	35.08952	56.05342	38.53064	17.52278	30.94296	8
1643.445	1643.863	975.8631	112.01	101.31	112.43	113.98	9.17878	37.11799	53.70323	37.06842	16.63481	30.16117	8
1643.45	1643.868	975.868	111.52	144.67	112.61	110.11	0	47.55029	52.44971	52.44971	0	-9999	8
1643.455	1643.873	975.8728	110.28	198.58	110.41	100.57	0	37.16292	62.83708	62.83708	0	-9999	8
1643.46	1643.878	975.8777	110.7	227.16	112	108.82	0	53.87214	46.12786	46.12786	0	-9999	8
1643.465	1643.883	975.8826	110.34	298.85	112.88	106.44	0	73.4765	26.5235	26.5235	0	-9999	8
1643.47	1643.887	975.8874	112.29	255.84	115.01	112.96	0	79.43705	20.56295	20.56295	0	-9999	8
1643.475	1643.892	975.8923	113.09	254.69	114.49	111.14	0	63.04006	36.95994	36.95994	0	-9999	8
1643.48	1643.897	975.8972	109.69	228.14	108.8	112.85	0	27.16633	72.83367	72.83367	0	-9999	8
1643.485	1643.902	975.902	109.05	320.4	108.62	108.76	0	37.53828	62.46172	62.46172	0	-9999	8
1643.49	1643.907	975.9069	96.7	125.17	95.36	98.61	31.12986	8.315044	60.5551	24.58879	35.96631	31.16669	8
1643.495	1643.912	975.9118	95.89	98.98	95.24	96.05	32.86554	9.87669	57.25777	26.48754	30.77023	31.75458	8
1643.5	1643.917	975.9167	100.17	79.36	101.1	100.86	21.43098	22.15804	56.41098	38.99924	17.41173	31.39508	8
1643.505	1643.922	975.9215	101.32	111.05	101.73	102.85	16.734	21.85196	61.41404	47.29891	14.11513	31.26382	8
1643.51	1643.926	975.9264	99.23	163.39	98.13	95.57	17.69302	13.43571	68.87127	45.43292	23.43835	32.13092	8
1643.515	1643.931	975.9313	97.02	148	96.88	93.14	16.0106	16.77111	67.21829	37.90274	29.31555	32.30669	8
1643.52	1643.936	975.9361	96.39	98.99	94.85	88.53	39.30062	5.368491	55.33089	25.43811	29.89278	33.6653	8
1643.525	1643.941	975.941	95.41	96.41	93.49	90.37	43.77158	2.987304	53.24112	36.35465	16.88647	33.53896	8
1643.53	1643.946	975.9459	94.96	99	93.08	88	43.2488	3.255058	53.49614	29.71408	23.78206	33.77741	8
1643.535	1643.951	975.9507	97.61	126.76	96.33	87.88	29.44288	9.128239	61.42888	26.62471	34.80417	33.2972	8
1643.54	1643.956	975.9556	96.35	89.84	95.63	95.39	35.19672	9.136293	55.66699	26.41941	29.24758	32.17075	8
1643.545	1643.96	975.9605	98.11	89.63	96.9	96.92	37.42584	7.246633	55.32753	20.19737	35.13015	32.43475	8
1643.55	1643.965	975.9653	100.13	73.21	99.29	100.55	36.67358	9.525897	53.80052	33.78392	20.0166	32.20959	8
1643.555	1643.97	975.9702	98.75	67.51	98.19	99.57	37.15258	10.03234	52.81508	36.36102	16.45406	32.17527	8
1643.56	1643.975	975.9751	97.41	84.58	96.53	97.29	36.73444	8.463882	54.80168	26.62534	28.17633	32.18975	8
1643.565	1643.98	975.98	98.5	134.46	95.89	96.33	37.06818	2.410075	60.52174	34.18531	26.33644	32.29613	8
1643.57	1643.985	975.9848	99	147.72	96.02	89.53	36.26676	1.253994	62.47925	28.63948	33.83976	33.53742	8
1643.575	1643.99	975.9897	101.65	187.17	98.39	89.33	26.45186	2.043016	71.50512	31.18029	40.32484	33.73729	8
1643.58	1643.995	975.9946	105.68	222.6	105.5	91.63	0	29.45704	70.54296	70.54296	0	-9999	8
1643.585	1643.999	975.9994	108.06	267.77	109.15	101.08	0	48.58602	51.41398	51.41398	0	-9999	8
1643.59	1644.004	976.0043	105.62	325.16	101.65	90.02	0	5.441512	94.55849	94.55849	0	-9999	8
1643.595	1644.009	976.0092	106.69	314.23	102.65	92.37	0	3.690864	96.30914	96.30914	0	-9999	8
1643.6	1644.014	976.014	104.4	195.88	102.61	94.45	10.42154	13.2496	76.32886	51.3709	24.95795	33.92484	8
1643.605	1644.019	976.0189	103.48	166.99	100.94	96.27	24.07182	5.48196	70.44622	34.84735	35.59887	33.01409	8
1643.61	1644.024	976.0238	100.79	182.97	99.28	93.18	14.69696	12.87956	72.42348	56.17817	16.24531	33.01125	8
1643.615	1644.029	976.0286	98.36	160.1	96.37	92.71	26.1871	7.599941	66.21296	41.06316	25.1498	32.30056	8
1643.62	1644.034	976.0335	96.18	134.08	94.73	93.88	30.30454	8.137241	61.55822	38.61101	22.94721	31.81315	8
1643.625	1644.038	976.0384	98.17	108.89	96.29	95.22	37.90222	4.718705	57.37908	21.8251	35.55397	32.67118	8
1643.63	1644.043	976.0433	98	126.61	96.33	95.96	32.14288	7.05386	60.80326	27.01171	33.79155	31.99391	8
1643.635	1644.048	976.0481	96.86	135.46	94.82	93.33	33.91748	5.327184	60.75534	41.56449	19.19085	32.19761	8
1643.64	1644.053	976.053	95.73	92.51	93.98	93.5	43.10348	3.649733	53.24679	33.75119	19.4956	33.01184	8

1643.645	1644.058	976.0579	96.5	78.34	95.23	96.04	42.10422	5.450761	52.44502	22.42883	30.01619	32.75913	8
1643.65	1644.063	976.0627	98.63	51.21	98.31	99.62	39.34758	10.34495	50.30747	28.45919	21.84828	32.42772	8
1643.655	1644.068	976.0676	101.86	47.74	101.74	100.61	35.66572	14.19909	50.13519	17.64246	32.49273	32.42493	8
1643.66	1644.072	976.0725	102.7	71.91	103.27	104.39	23.69628	22.08547	54.21825	34.05475	20.1635	31.06783	8
1643.665	1644.077	976.0773	104.64	77.5	105.35	106.62	19.4737	26.27473	54.25157	34.85528	19.39628	30.77433	8
1643.67	1644.082	976.0822	105.25	104.31	106.66	109.16	6.99948	35.52158	57.47894	46.29108	11.18786	-9999	8
1643.675	1644.087	976.0871	103.42	158.04	105.53	107.39	0	42.1371	57.8629	57.8629	0	-9999	8
1643.68	1644.092	976.092	102.88	147.22	103.55	104.21	4.53066	28.2085	67.26084	67.26084	0	-9999	8
1643.685	1644.097	976.0968	100.39	156.5	100.96	103.78	5.3507	25.04305	69.60625	68.77613	0.830124	-9999	8
1643.69	1644.102	976.1017	94.35	219.21	89.92	81.65	34.48168	0.039526	65.47879	25.04731	40.43148	32.56615	8
1643.695	1644.107	976.1066	94.88	244.46	89.04	80.69	38.81108	0	61.18892	16.42333	44.76559	26.88901	8
1643.7	1644.111	976.1114	90.97	47.61	90.24	90.63	50.44348	3.632513	45.92401	31.90557	14.01844	33.90913	8
1643.705	1644.116	976.1163	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1644.155	1644.555	976.5546	109.37	143.57	110.38	114.92	0	41.89189	58.10811	58.10811	0	-9999	8
1644.16	1644.559	976.5594	104.44	181.36	104.06	98.75	2.97108	23.64737	73.38155	73.38155	0	-9999	8
1644.165	1644.564	976.5643	98.26	115.81	96.38	92.5	36.14478	5.210018	58.6452	27.00136	31.64384	33.00486	8
1644.17	1644.569	976.5692	97.37	64.77	96.54	93.49	41.17776	7.391359	51.43088	30.84696	20.58392	33.42574	8
1644.175	1644.574	976.574	95.04	76.35	94.12	89.85	41.2165	6.503254	52.28025	35.81182	16.46842	33.50057	8
1644.18	1644.579	976.5789	91.14	57.02	90.74	89.39	45.45236	5.742828	48.80481	20.97971	27.82511	33.42392	8
1644.185	1644.584	976.5838	90.13	70.42	89.14	89.2	47.71126	3.790152	48.49859	23.09664	25.40195	33.28223	8
1644.19	1644.589	976.5886	88.76	68.52	87.66	87.91	50.28396	2.790592	46.92545	19.36927	27.55618	33.54911	8
1644.195	1644.594	976.5935	87.96	61.04	86.78	87.21	53.45012	1.761988	44.78789	31.59471	13.19318	34.05579	8
1644.2	1644.598	976.5984	89.21	34.68	88.38	87.61	55.96674	1.668558	42.3647	24.65121	17.71349	35.12678	8
1644.205	1644.603	976.6032	91.05	40.8	90.96	91.55	47.0579	5.937028	47.00507	27.30862	19.69646	33.41983	8
1644.21	1644.608	976.6081	93.12	44.19	92.82	92.28	45.96062	6.380989	47.65839	16.78583	30.87256	33.51829	8
1644.215	1644.613	976.613	92.18	51.19	91.49	90.38	48.15392	4.577102	47.26898	26.86306	20.40592	33.85601	8
1644.22	1644.618	976.6179	92.42	49.26	91.93	91.14	46.85018	5.462488	47.68733	22.12601	25.56132	33.62988	8
1644.225	1644.623	976.6227	92.82	61.95	91.99	91.56	46.0462	4.958812	48.99499	33.76475	15.23024	33.37553	8
1644.23	1644.628	976.6276	92.08	67.88	90.72	90.08	49.39944	2.739801	47.86076	31.16352	16.69724	33.81516	8
1644.235	1644.632	976.6325	96.04	93.72	93.55	93.04	48.26046	0.096073	51.64347	21.4942	30.14927	33.7918	8
1644.24	1644.637	976.6373	100.81	100.5	100.35	95.45	26.4988	14.41265	59.08855	32.03813	27.05043	32.58418	8
1644.245	1644.642	976.6422	101.62	116.61	102.22	99.45	13.63998	24.00453	62.35549	35.77025	26.58524	32.03635	8
1644.25	1644.647	976.6471	99.96	87.2	100.02	96.43	26.4694	16.36475	57.16585	24.6475	32.51834	32.2646	8
1644.255	1644.652	976.6519	100.29	106.69	101.41	102.67	13.23422	25.53435	61.23143	36.28614	24.94529	31.28377	8
1644.26	1644.657	976.6568	99.75	98.89	99.55	102.02	25.84862	15.21776	58.93362	40.05383	18.87979	31.16186	8
1644.265	1644.662	976.6617	97.24	84.62	95.81	94.77	41.14366	5.294862	53.56148	24.89036	28.67112	33.008	8
1644.27	1644.667	976.6666	94.47	54.33	93.52	89.96	47.30224	4.606283	48.09148	20.387	27.70448	34.27928	8
1644.275	1644.671	976.6714	91.72	34.79	91.25	90.86	50.84092	4.225011	44.93407	22.29245	22.64161	34.26304	8
1644.28	1644.676	976.6763	89.15	41.53	88.1	86.08	56.06924	1.277806	42.65295	23.60232	19.05063	35.29436	8
1644.285	1644.681	976.6812	91.08	95.91	88.46	86.48	53.30118	0	46.69882	18.2169	28.48192	33.43821	8
1644.29	1644.686	976.686	93.34	97.96	91.59	87.96	43.98338	3.408775	52.60784	27.8079	24.79995	33.45917	8
1644.295	1644.691	976.6909	95.32	136.46	93.02	87.35	37.10728	3.827112	59.06561	30.28232	28.78329	33.04787	8
1644.3	1644.696	976.6958	100.01	161.78	99.61	102.35	11.94004	18.33646	69.7235	48.01402	21.70948	31.36765	8
1644.305	1644.701	976.7006	102.57	140.41	102.57	102.27	11.65638	22.06686	66.27676	52.63132	13.64545	31.82015	8
1644.31	1644.706	976.7055	103.45	130.2	102.68	100.8	19.2851	16.18937	64.52553	39.61489	24.91064	32.02435	8
1644.315	1644.71	976.7104	101.34	159.18	100.5	98.72	14.75564	16.11372	69.13064	41.89186	27.23878	32.13463	8
1644.32	1644.715	976.7152	97.36	136.18	95.49	89.34	31.96574	6.40205	61.63221	33.9139	27.71832	32.96741	8
1644.325	1644.72	976.7201	96.59	121.17	93.8	90.04	43.43656	0.488091	56.07535	15.98666	40.08869	33.60624	8
1644.33	1644.725	976.725	96.63	129.26	94.83	90.19	33.76948	6.115803	60.11472	29.95065	30.16407	32.76382	8
1644.335	1644.73	976.7299	94.59	132.87	92.82	94.53	34.54016	5.97935	59.48049	38.5168	20.96369	31.44633	8
1644.34	1644.735	976.7347	94.71	126.63	94.66	98.19	22.60984	14.18469	63.20547	32.87057	30.3349	30.80485	8
1644.345	1644.74	976.7396	95.39	118.93	95.39	97.27	23.46014	14.40673	62.13313	37.97952	24.15361	31.14757	8
1644.35	1644.744	976.7445	96.88	98.38	96.23	96.8	32.09994	10.40431	57.49575	39.51926	17.97649	31.78417	8
1644.355	1644.749	976.7493	96.86	95.7	97.45	100.45	23.1569	17.42175	59.42135	33.6682	25.75316	30.97403	8
1644.36	1644.754	976.7542	92.89	101.19	91.85	91.72	38.11322	6.681507	55.20527	35.12012	20.08515	32.14477	8
1644.365	1644.759	976.7591	91.84	81.93	91.75	94.06	36.37764	9.163873	54.45849	28.31516	26.14333	31.65506	8
1644.37	1644.764	976.7639	90.33	92.73	89.63	86.82	39.88074	6.534566	53.58469	26.84488	26.73981	32.71714	8
1644.375	1644.769	976.7688	91.14	85.4	91.63	92.78	31.6869	11.56055	56.75255	38.47438	18.27817	31.56599	8
1644.38	1644.774	976.7737	93.77	53.61	93.37	91.34	43.85798	6.903132	49.23889	16.15984	33.07905	33.47112	8
1644.385	1644.779	976.7786	98.78	79.29	98.18	95.91	34.58422	10.59869	54.81709	23.54683	31.27027	32.5884	8
1644.39	1644.783	976.7834	96.24	66.63	95.65	94.84	39.90724	8.219053	51.87371	37.17048	14.70323	32.79835	8
1644.395	1644.788	976.7883	97.44	57.14	96.96	96.96	40.24732	8.945203	50.80748	22.95659	27.85089	32.74911	8
1644.4	1644.793	976.7932	97.04	95.65	95.67	94.02	38.1934	6.292605	55.514	23.31134	32.20265	32.73597	8
1644.405	1644.798	976.798	98	76.83	96.8	95.45	40.54714	6.390225	53.06263	33.75108	19.31156	33.05193	8
1644.41	1644.803	976.8029	96.53	84.21	94.73	92.73	44.76358	3.048041	52.18838	32.77641	19.41196	33.62003	8
1644.415	1644.808	976.8078	97.06	67.48	96.41	94.49	39.41214	8.424915	52.16294	24.1316	28.03135	32.97671	8
1644.42	1644.813	976.8126	95.88	80.47	94.89	90.11	39.98916	6.812419	53.19842	30.81552	22.3829	33.48136	8
1644.425	1644.818	976.8175	95.33	75.72	95.12	96.73	35.59966	10.32026	54.08008	25.28936	28.79072	31.85916	8
1644.43	1644.822	976.8224	91.46	63.46	90.45	88.96	48.32698	3.71965	47.95337	34.57592	13.37745	33.80519	8
1644.435	1644.827	976.8272	91.87	119.93	88.91	85.87	49.39654	0	50.60346	23.41285	27.19061	33.26997	8
1644.44	1644.832	976.8321	97.28	195.3	93.63	87.36	31.5273	1.149287	67.32341	41.19888	26.12453	32.71846	8
1644.445	1644.837	976.837	96.82	220.82	92.88	84.33	28.02216	1.569713	70.40813	31.2704	39.13773	32.79643	8
1644.45	1644.842	976.8419	98.99	335.66	97.89	82.42	0	24.9398	75.0602	75.0602	0	-9999	8

1644.455	1644.847	976.8467	105.79	370.04	109.45	106.85	0	77.70936	22.29064	22.29064	0	-9999	8
1644.46	1644.852	976.8516	112.96	308.94	116.41	122.65	0	96.50464	3.495363	3.495363	0	-9999	8
1644.465	1644.856	976.8565	114.95	255.83	117.37	119.34	0	84.51035	15.48965	15.48965	0	-9999	8
1644.47	1644.861	976.8613	116.65	173.81	117.88	123.43	0	65.22829	34.77171	34.77171	0	-9999	8
1644.475	1644.866	976.8662	114.88	153.07	114.78	116.26	0	39.00426	60.99574	60.99574	0	-9999	8
1644.48	1644.871	976.8711	110.12	143.67	109.98	106.91	5.00646	30.15346	64.84008	64.84008	0	-9999	8
1644.485	1644.876	976.8759	105.05	152.47	103.16	100.88	21.10376	9.784798	69.11144	52.08032	17.03112	32.49584	8
1644.49	1644.881	976.8808	95.01	159.88	94.16	93.73	20.48734	12.48299	67.02967	33.72863	33.30104	31.43966	8
1644.495	1644.886	976.8857	88.55	84.93	88.39	88.89	39.22094	7.33444	53.44462	20.41121	33.03341	32.05135	8
1644.5	1644.891	976.8906	89.4	84.47	88.39	87.34	45.13776	4.410032	50.45221	34.57451	15.87769	32.95786	8
1644.505	1644.895	976.8954	86.55	50.74	85.41	82.47	56.92992	0.813936	42.25614	17.85761	24.39854	35.33236	8
1644.51	1644.9	976.9003	88.44	100.73	85.53	83.14	56.81104	0	43.18896	11.99756	31.1914	32.7461	8
1644.515	1644.905	976.9052	89.58	96.59	86.36	85.43	59.16662	0	40.83338	20.52215	20.31123	31.23207	8
1644.52	1644.91	976.91	90.07	48.36	89.32	87.79	51.24498	3.232775	45.52225	22.01263	23.50961	34.33018	8
1644.525	1644.915	976.9149	89.81	72.87	89	88.39	46.01776	4.548109	49.43413	27.60034	21.8338	33.13519	8
1644.53	1644.92	976.9198	90.5	83.57	89.43	87.14	44.80856	4.48727	50.70417	36.03451	14.66966	33.22778	8
1644.535	1644.925	976.9246	91.05	69.49	89.65	88.06	50.26742	2.376805	47.35577	24.10471	23.25107	34.03337	8
1644.54	1644.93	976.9295	89.3	51.44	88.11	87.13	54.61802	1.467336	43.91464	28.59587	15.31877	34.72598	8
1644.545	1644.934	976.9344	92.79	72.29	91.49	91.25	47.21402	3.52669	49.25929	34.60291	14.65638	33.42334	8
1644.55	1644.939	976.9392	93.33	99.52	91.81	91.68	41.83256	4.546044	53.6214	27.63153	25.98987	32.54735	8
1644.555	1644.944	976.9441	93.7	78.35	93.21	96.66	38.6328	8.096071	53.27113	32.82196	20.44917	31.72244	8
1644.56	1644.949	976.949	95.26	82.03	96.08	99.59	26.15454	16.3217	57.52376	38.13734	19.38641	30.96935	8
1644.565	1644.954	976.9539	96.13	74.12	97.31	101	24.47836	18.74752	56.77412	23.49504	33.27908	30.882	8
1644.57	1644.959	976.9587	96.49	64.99	96.57	98.27	34.88162	12.03694	53.08144	19.24347	33.83796	31.82523	8
1644.575	1644.964	976.9636	93.97	63.75	94.08	96.98	37.2676	10.25239	52.48001	36.93639	15.54361	31.78182	8
1644.58	1644.968	976.9685	92.92	57.99	92.46	93.18	44.04502	6.448466	49.50651	33.25428	16.25223	32.92506	8
1644.585	1644.973	976.9733	89.69	57.56	88.84	86.22	50.14318	3.312931	46.54389	18.51294	28.03094	34.23792	8
1644.59	1644.978	976.9782	94.95	94.51	93.88	92.55	38.06708	6.931788	55.00113	27.41468	27.58645	32.5284	8
1644.595	1644.983	976.9831	94.8	93.15	95.15	96.78	27.5292	14.10316	58.36764	32.62427	25.74336	31.32807	8
1644.6	1644.988	976.9879	93.39	76.37	92.94	93.39	39.08716	7.987448	52.92539	25.28321	27.64218	32.31858	8
1644.605	1644.993	976.9928	89.81	38.54	89.55	87.51	50.06312	4.422484	45.5144	16.84193	28.67247	34.32331	8
1644.61	1644.998	976.9977	90.41	55.15	89.96	88.48	46.964	5.05555	47.98045	33.38154	14.59891	33.62987	8
1644.615	1645.003	977.0025	89.09	89.78	87.92	84.96	45.37794	4.067103	50.55496	17.42737	33.12759	33.25594	8
1644.62	1645.007	977.0074	87.97	73.89	86.18	84.73	55.05872	0.51793	44.42335	17.32644	27.09691	34.50766	8
1644.625	1645.012	977.0123	90.81	95.33	88.87	84.06	48.41994	1.915855	49.6642	24.92418	24.74003	34.06277	8
1644.63	1645.017	977.0172	91.25	93.69	90.14	87.96	41.97952	5.265382	52.7551	36.62629	16.12881	32.84202	8
1644.635	1645.022	977.022	93.18	71.23	92.34	92.79	43.54674	5.698174	50.75509	30.6473	20.10778	32.83395	8
1644.64	1645.027	977.0269	94.37	51.35	93.56	93	47.0304	5.049283	47.92032	30.08168	17.83864	33.69061	8
1644.645	1645.032	977.0318	93.86	64.34	93.18	92.32	43.34852	6.312485	50.33899	19.7607	30.57829	33.12959	8
1644.65	1645.037	977.0366	91.56	73.32	91.41	93.67	39.18386	8.154548	52.66159	23.85457	28.80702	31.94662	8
1644.655	1645.042	977.0415	92.38	71.73	91.43	90.73	45.01424	4.893808	50.09195	26.49481	23.59714	33.18304	8
1644.66	1645.046	977.0464	91.08	125.98	88.83	86.73	43.15674	2.814559	54.0287	30.13305	23.89565	32.6074	8
1644.665	1645.051	977.0512	95.93	171.17	94.32	87.41	22.79876	9.729016	67.47222	37.08289	30.38934	32.60907	8
1644.67	1645.056	977.0561	99.92	144.95	100.52	94.96	8.3457	23.95091	67.70339	47.61076	20.09263	33.02304	8
1644.675	1645.061	977.061	102.59	100.41	104.02	106.1	10.23548	30.88171	58.88281	40.15284	18.72997	30.97002	8
1644.68	1645.066	977.0659	104.45	80.02	104.53	102.55	23.92116	20.70194	55.3769	34.90344	20.47346	31.69295	8
1644.685	1645.071	977.0707	107.14	205.87	103.39	99.84	20.67316	0	79.32684	48.46599	30.86085	31.52697	8
1644.69	1645.076	977.0756	111.43	289.75	106.1	118.92	8.6724	0	91.3276	73.41716	17.91044	15.10238	8
1644.695	1645.08	977.0805	115.73	294.78	121.75	130.96	0	100	0	0	0	-9999	8
1644.7	1645.085	977.0853	118.54	288.83	125.89	132.37	0	100	0	0	0	-9999	8
1644.705	1645.09	977.0902	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1645.025	1645.403	977.4033	101.43	81.36	99.42	98.13	42.57278	2.947804	54.47942	18.34001	36.13941	33.61684	8
1645.03	1645.408	977.4083	100.01	47.06	99.32	97.98	41.94978	8.669464	49.38076	24.131	25.24976	33.30934	8
1645.035	1645.413	977.4134	101.69	66.35	100.71	97.76	37.9835	9.092078	52.92442	28.31425	24.61017	33.18549	8
1645.04	1645.418	977.4184	102.19	53.75	101.97	101.75	34.6827	14.16686	51.15044	27.11194	24.0385	32.16916	8
1645.045	1645.423	977.4235	102.46	53.86	101.8	100.2	37.81768	11.11029	51.07203	17.8037	33.26832	32.85706	8
1645.05	1645.429	977.4286	104.64	77.11	104.25	102.73	28.09308	16.72125	55.18567	37.07759	18.10808	31.93106	8
1645.055	1645.434	977.4336	107.64	158.68	104.87	100.55	24.03814	3.421737	72.54012	40.79499	31.74513	33.46091	8
1645.06	1645.439	977.4387	106.63	145.78	103.79	100.5	28.63164	1.938627	69.42973	37.38656	32.04317	33.34679	8
1645.065	1645.444	977.4437	111.95	140.91	111.49	107.74	6.47078	28.79054	64.73868	56.33811	8.400564	-9999	8
1645.07	1645.449	977.4488	114	129.02	114.49	114.82	0.09966	43.97552	55.92482	55.92482	0	-9999	8
1645.075	1645.454	977.4538	115.73	159.99	114.13	111.93	7.21082	19.55585	73.23333	62.92257	10.31077	-9999	8
1645.08	1645.459	977.4589	115.08	157.62	112.19	105.68	18.37986	2.162267	79.45787	40.80793	38.64995	34.65151	8
1645.085	1645.464	977.4639	115.13	121.57	111.15	107.51	35.50546	0	64.49454	31.71385	32.78069	17.08421	8
1645.09	1645.469	977.469	112.42	56.27	110.9	110.22	34.73626	10.93686	54.32688	20.62101	33.70587	32.67915	8
1645.095	1645.474	977.474	110.44	29.08	110.43	110.15	31.43534	24.36456	44.2001	20.03832	24.16178	31.08495	8
1645.1	1645.479	977.4791	111.9	51.19	112.92	113.39	16.75902	41.20725	42.03373	17.81738	24.21635	29.24045	8
1645.105	1645.484	977.4842	113.47	81.78	113.01	111.94	19.38184	26.9533	53.66486	42.45726	11.2076	30.88017	8
1645.11	1645.489	977.4892	124.25	133.34	125.95	122.1	0	100	0	0	0	-9999	8
1645.115	1645.494	977.4943	125.91	163.78	126.34	122.37	0	80.01044	19.98956	19.98956	0	-9999	8
1645.12	1645.499	977.4993	123.36	219.92	119.81	111.18	0.80066	0	99.19934	99.19934	0	-9999	8
1645.125	1645.504	977.5044	123.03	167.95	121.18	114.61	0.506	22.53312	76.96088	76.96088	0	-9999	8
1645.13	1645.509	977.5094	127.09	196.75	128.35	121.96	0	100	0	0	0	-9999	8

1645.135	1645.514	977.5145	126.93	179.69	128.75	123.76	0	100	0	0	0	-9999	8
1645.14	1645.52	977.5195	116.25	247.24	116.6	116.98	0	54.91241	45.08759	45.08759	0	-9999	8
1645.145	1645.525	977.5246	113.52	232.88	113.96	109.11	0	49.27464	50.72536	50.72536	0	-9999	8
1645.15	1645.53	977.5297	111.5	230.63	110.85	107.79	0	32.0025	67.9975	67.9975	0	-9999	8
1645.155	1645.535	977.5347	109.26	210.37	107.92	94.87	0	20.93988	79.06012	79.06012	0	-9999	8
1645.16	1645.54	977.5398	104.34	187.53	101.22	93.88	22.80494	2.70446	74.4906	47.43607	27.05453	33.70598	8
1645.165	1645.545	977.5448	100.9	193.05	95.94	90.78	38.8939	0	61.1061	26.90662	34.19948	23.64557	8
1645.17	1645.55	977.5499	98.47	140.74	94.62	90.28	45.18602	0	54.81398	22.28798	32.526	28.83514	8
1645.175	1645.555	977.5549	97.33	138.27	93.93	87.9	43.34506	0	56.65494	23.99953	32.65541	31.99818	8
1645.18	1645.56	977.56	96.03	112.81	92.75	89.21	49.77238	0	50.22762	12.84145	37.38617	31.10083	8
1645.185	1645.565	977.565	94.57	136.62	90.8	87.2	49.15106	0	50.84894	22.01665	28.83229	30.0844	8
1645.19	1645.57	977.5701	93.74	142.24	89.98	88.12	48.47712	0	51.52288	20.71693	30.80595	30.29454	8
1645.195	1645.575	977.5751	92.35	87.63	90.29	87.22	49.79654	1.17017	49.03329	19.11776	29.91553	34.16196	8
1645.2	1645.58	977.5802	92.37	110.66	89.72	85.45	48.77738	0.28828	50.93434	31.21884	19.7155	34.00935	8
1645.205	1645.585	977.5853	92.79	125.31	89.96	87.26	46.24068	0.548945	53.21038	20.28743	32.92295	33.27157	8
1645.21	1645.59	977.5903	90.07	103.55	87.1	82.91	55.094	0	44.906	18.77227	26.13373	32.85315	8
1645.215	1645.595	977.5954	90.1	108.62	87.35	82.88	52.13446	0	47.86554	12.55085	35.31469	33.91363	8
1645.22	1645.6	977.6004	88.84	81.37	86.38	82.37	57.64066	0	42.35934	16.09473	26.26461	33.81362	8
1645.225	1645.605	977.6055	89.52	106.15	85.99	81.52	59.3108	0	40.6892	12.00595	28.68325	31.20846	8
1645.23	1645.611	977.6105	92.27	105.74	89.49	83.45	51.06752	0	48.93248	19.90474	29.02774	33.93322	8
1645.235	1645.616	977.6156	92.17	107.29	90.12	87.35	45.12692	2.509611	52.36347	18.89841	33.46506	33.24786	8
1645.24	1645.621	977.6206	94.07	124.96	92.25	87.35	37.32028	5.08535	57.59437	24.73155	32.86282	32.86869	8
1645.245	1645.626	977.6257	95.88	128.98	95.6	90.69	22.74724	13.90025	63.35251	35.50066	27.85186	32.37733	8
1645.25	1645.631	977.6308	95.18	128.65	94	94.98	30.4461	8.778506	60.77539	34.48858	26.28681	31.42095	8
1645.255	1645.636	977.6358	96.68	118.58	95.96	94.59	27.93804	11.26045	60.80151	41.3546	19.44691	31.87179	8
1645.26	1645.641	977.6409	99.85	139.14	99.86	92.25	14.38862	19.43069	66.18069	38.01671	28.16398	33.0799	8
1645.265	1645.646	977.6459	105.07	177.22	104.33	102.3	6.18336	20.91618	72.90046	61.64003	11.26044	-9999	8
1645.27	1645.651	977.651	106.02	164.88	105.17	109.83	9.14814	19.93491	70.91695	56.01993	14.89702	31.30117	8
1645.275	1645.656	977.656	107.59	143.82	106.95	104.73	11.17276	21.90015	66.92709	54.55152	12.37557	32.2357	8
1645.28	1645.661	977.6611	109.95	161.5	109.98	105.92	0	33.01548	66.98452	66.98452	0	-9999	8
1645.285	1645.666	977.6661	106.14	264.71	109.39	111.11	0	67.15912	32.84088	32.84088	0	-9999	8
1645.29	1645.671	977.6712	98.49	265.13	98.36	89.9	0	25.86746	74.13254	74.13254	0	-9999	8
1645.295	1645.676	977.6762	87.58	91.79	85.17	80.82	55.89072	0	44.10928	26.19032	17.91896	34.36576	2
1645.3	1645.681	977.6813	82.4	18.16	81.98	80.44	63.05228	0	36.94772	24.58508	12.36264	35.94076	2
1645.305	1645.686	977.6864	85.89	38.03	86.57	86.75	46.50794	5.836119	47.65594	20.28536	27.37058	33.30168	2
1645.31	1645.691	977.6914	82.47	62.52	82	76.92	52.64026	2.439523	44.92022	28.03464	16.88558	34.57373	2
1645.315	1645.696	977.6965	78.86	61.6	78.13	79.2	58.1991	0.753014	41.04789	19.42247	21.62541	34.11942	2
1645.32	1645.702	977.7015	75.87	33.18	75.12	75.25	67.98254	0	32.01746	6.71527	25.30219	34.10149	2
1645.325	1645.707	977.7066	74.38	12.53	74.48	75.41	67.76314	0	32.23686	15.07676	17.1601	34.1222	2
1645.33	1645.712	977.7116	75.34	14.35	75.24	75.17	67.9895	0	32.0105	14.45459	17.55591	34.35062	2
1645.335	1645.717	977.7167	74.99	19.12	74.72	73.53	68.47466	0	31.52534	14.79797	16.72737	34.4182	2
1645.34	1645.722	977.7217	75.82	12.04	75.87	77.23	66.94442	0	33.05558	5.699147	27.35643	34.29819	2
1645.345	1645.727	977.7268	75.9	20.86	75.38	74.05	69.15388	0	30.84612	24.67969	6.166426	34.39536	2
1645.35	1645.732	977.7319	73.82	18.89	73.11	72.15	73.01672	0	26.98328	5.682737	21.30054	33.95439	2
1645.355	1645.737	977.7369	73.3	16.3	72.96	72.15	71.2544	0	28.7456	15.02847	13.71713	34.02201	2
1645.36	1645.742	977.742	72.51	16.8	72.22	70.61	71.4727	0	28.5273	14.32586	14.20144	34.10476	2
1645.365	1645.747	977.747	73.01	26.2	73.15	72.98	65.4054	0	34.5946	12.84859	21.74601	34.32957	2
1645.37	1645.752	977.7521	71.48	23.13	70.74	70.27	74.37594	0	25.62406	6.007854	19.61621	33.74897	2
1645.375	1645.757	977.7571	73.14	14.38	73.17	72.85	68.99874	0	31.00126	14.85394	16.14732	34.09466	2
1645.38	1645.762	977.7622	78.57	17.98	78.25	77.94	65.84444	0	34.15556	21.33539	12.82017	34.8853	2
1645.385	1645.767	977.7672	82.95	22.93	82.23	81.53	63.71694	0	36.28306	17.27384	19.00922	35.40014	2
1645.39	1645.772	977.7723	85.54	26.62	84.91	83.94	59.74366	0.533525	39.72281	23.69911	16.02371	35.79128	2
1645.395	1645.777	977.7773	86.06	33.65	85.91	85.12	53.844	2.782721	43.37328	23.54286	19.83042	34.59249	2
1645.4	1645.782	977.7824	84.46	22.02	84.33	83.53	57.97546	1.405518	40.61902	14.18622	26.4328	35.42418	2
1645.405	1645.787	977.7875	86.46	24.06	86.57	87.39	53.78178	3.20644	43.01178	22.20268	20.8091	34.42907	2
1645.41	1645.793	977.7925	84.68	35.64	83.22	81.06	64.78452	0	35.21548	21.95356	13.26192	34.64605	2
1645.415	1645.798	977.7976	83.88	37.1	82	80.65	68.4222	0	31.5778	17.33795	14.23985	33.58297	2
1645.42	1645.803	977.8026	80.26	8.48	79.87	79.67	67.13114	0	32.86886	22.33005	10.53881	34.97569	2
1645.425	1645.808	977.8077	79.95	9.39	79.56	78.65	67.19612	0	32.80388	9.218447	23.58543	35.04981	2
1645.43	1645.813	977.8127	80.89	10.38	80.59	80.1	65.39424	0	34.60576	19.27483	15.33093	35.37962	2
1645.435	1645.818	977.8178	81.58	16.01	81.6	79.94	60.91698	0.343479	38.73954	28.59747	10.14208	36.11776	2
1645.44	1645.823	977.8228	80.04	10.48	79.57	78.69	67.46954	0	32.53046	20.1359	12.39456	34.95952	2
1645.445	1645.828	977.8279	80.2	4.87	80.09	80.12	65.88996	0	34.11004	9.180451	24.92959	35.31306	2
1645.45	1645.833	977.833	81.27	6.03	81.23	80.83	64.08234	0	35.91766	19.47024	16.44742	35.8759	2
1645.455	1645.838	977.838	83.75	10.34	83.65	83.76	61.22272	0.431085	38.34619	18.36557	19.98062	36.04898	2
1645.46	1645.843	977.8431	80.59	13.48	79.9	79.29	67.94254	0	32.05746	14.80417	17.25329	34.73117	2
1645.465	1645.848	977.8481	80.09	9.15	79.7	79.33	67.1254	0	32.8746	24.57063	8.303966	34.97827	2
1645.47	1645.853	977.8532	82.47	6.58	82.27	82.47	64.08524	0	35.91476	23.0749	12.83986	35.84208	2
1645.475	1645.858	977.8582	86.02	14.15	85.61	84.82	60.6148	0.581285	38.80391	15.38898	23.41493	36.14168	2
1645.48	1645.863	977.8633	86.08	15.56	85.83	86.17	58.97838	1.233902	39.78772	11.73815	28.04956	35.57779	2
1645.485	1645.868	977.8683	80.24	13.65	80	79.88	64.7359	0	35.2641	25.26412	9.999976	35.30784	2
1645.49	1645.873	977.8734	80.28	13.04	80.08	77.66	64.53672	0	35.46328	24.51207	10.95121	35.80086	2
1645.495	1645.878	977.8784	79.41	8.51	79.16	77.27	66.82088	0	33.17912	16.69188	16.48724	35.29996	2

1645.5	1645.884	977.8835	80.39	9.68	80.31	79.86	64.31864	0	35.68136	12.96745	22.71391	35.61098	2
1645.505	1645.889	977.8886	81.77	12.8	81.72	81.17	62.0615	0.004616	37.93388	17.19738	20.73651	36.21097	2
1645.51	1645.894	977.8936	81.23	10.66	81.13	80.82	63.46368	0	36.53632	14.9995	21.53682	35.83355	2
1645.515	1645.899	977.8987	82.38	8.18	82.35	82.53	62.46334	0	37.53666	25.16919	12.36747	36.22686	2
1645.52	1645.904	977.9037	81.59	6.66	81.58	81.59	63.40298	0	36.59702	13.1969	23.40012	35.98319	2
1645.525	1645.909	977.9088	82.32	11.05	82.11	81.39	63.219	0	36.781	16.83947	19.94153	36.04492	2
1645.53	1645.914	977.9138	81.96	7.96	81.82	81.65	63.75548	0	36.24452	8.419205	27.82532	35.90111	2
1645.535	1645.919	977.9189	81.1	9.17	80.82	80.35	65.33886	0	34.66114	9.050991	25.61015	35.44493	2
1645.54	1645.924	977.9239	79.63	7.3	79.36	79.63	67.0663	0	32.9337	11.03666	21.89704	34.90282	2
1645.545	1645.929	977.929	79.09	9.79	78.6	77.76	68.66552	0	31.33448	23.74995	7.584528	34.71433	2
1645.55	1645.934	977.9341	80.26	11.56	80.24	80.11	63.51828	0	36.48172	21.76786	14.71386	35.66422	2
1645.555	1645.939	977.9391	80.73	24.79	80.89	78.9	58.48922	0.999459	40.51132	13.20832	27.30301	35.51992	2
1645.56	1645.944	977.9442	79.54	14.19	79	76.74	67.57422	0	32.42578	9.740461	22.68532	35.06598	2
1645.565	1645.949	977.9492	80.82	16.01	80.32	77.96	65.64618	0	34.35382	24.08703	10.26679	35.46384	2
1645.57	1645.954	977.9543	84.17	30.3	83.24	81.82	62.4385	0	37.5615	13.96736	23.59414	35.52971	5
1645.575	1645.959	977.9593	87.65	32.34	86.5	84.81	60.44822	0	39.55178	23.46321	16.08857	35.90329	5
1645.58	1645.964	977.9644	93.07	35.21	92.44	91.21	50.73728	4.193193	45.06953	25.98746	19.08207	34.4479	5
1645.585	1645.969	977.9694	99.22	42.5	99.17	98.85	38.8201	11.95543	49.22447	31.01103	18.21344	32.63131	5
1645.59	1645.974	977.9745	97.95	54.47	97.82	98.81	37.71176	11.22246	51.06578	20.65926	30.40653	32.25908	5
1645.595	1645.98	977.9795	93.72	38.64	94.41	95.59	39.07922	11.32892	49.59186	31.87235	17.71951	32.3763	5
1645.6	1645.985	977.9846	92.24	31.1	92.25	92.59	47.5355	6.429085	46.03541	20.14116	25.89426	33.63505	5
1645.605	1645.99	977.9897	90.15	49.89	91.24	92.12	36.54112	11.09582	52.36306	20.25112	32.11194	32.14959	5
1645.61	1645.995	977.9947	88.75	35.84	89.64	90.28	42.77922	8.268428	48.95235	33.65213	15.30022	32.86787	5
1645.615	1646	977.9998	89.01	45.38	89.78	91	41.16134	8.601729	50.23693	31.55439	18.68254	32.50577	5
1645.62	1646.005	978.0048	88.53	50.9	89.18	91	41.1971	8.175944	50.62696	30.64584	19.98111	32.33535	5
1645.625	1646.01	978.0099	86.97	37.25	86.67	85.28	53.2981	2.89525	43.80665	19.30425	24.5024	34.6041	5
1645.63	1646.015	978.0149	86.08	35.75	84.92	84.41	61.1449	0	38.8551	14.92745	23.92765	35.3609	5
1645.635	1646.02	978.02	85.81	30.91	85.88	86.47	53.03208	3.227756	43.74016	24.73193	19.00823	34.22942	5
1645.64	1646.025	978.025	83.38	23.86	82.91	82.44	61.15878	0.119493	38.72173	12.05486	26.66687	35.9079	5
1645.645	1646.03	978.0301	83.81	45.6	83.78	88.88	52.0921	3.045918	44.86198	26.29891	18.56307	32.95268	5
1645.65	1646.035	978.0352	85.12	59.85	85.65	85.35	43.0984	6.38286	50.51874	30.77473	19.74401	32.71313	5
1645.655	1646.04	978.0402	84.45	72.66	83.59	82.11	51.38728	2.590198	46.02252	28.21788	17.80464	33.68011	5
1645.66	1646.045	978.0453	84.36	75.99	85.1	91.94	38.26422	7.762231	53.97355	26.10695	27.8666	30.78529	5
1645.665	1646.05	978.0503	84.72	50.63	86.02	89.12	39.73014	8.113529	52.15633	23.13284	29.02349	31.92984	5
1645.67	1646.055	978.0554	84.73	59.99	86.39	89.89	34.66582	9.982365	55.35181	22.71017	32.64164	31.4587	5
1645.675	1646.06	978.0604	85.6	67.53	87.12	85.18	33.12574	10.60815	56.26611	33.83526	22.43085	32.31681	5
1645.68	1646.065	978.0655	85.01	47.65	84.65	81.88	53.0495	2.62488	44.32562	25.61849	18.70713	34.57793	5
1645.685	1646.071	978.0705	86.81	29.41	87.48	88.22	47.82508	5.74832	46.4266	33.9544	12.4722	33.48946	1
1645.69	1646.076	978.0756	89.25	25.99	88.98	88.71	53.69292	3.264911	43.04217	13.08176	29.96041	34.69973	1
1645.695	1646.081	978.0806	91.87	19.52	92.16	92.65	48.50826	6.701292	44.79045	14.05905	30.7314	33.82976	1
1645.7	1646.086	978.0857	92.44	34.64	92.93	93.28	42.77482	9.060783	48.1644	30.83026	17.33414	32.96315	1
1645.705	1646.091	978.0908	89.76	53.38	90.8	89.8	36.44284	10.81237	52.74479	21.06328	31.68151	32.45989	1
1645.71	1646.096	978.0958	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1646.015	1646.404	978.4042	120.78	73.94	119.84	118.84	18.27392	30.48683	51.23925	37.3956	13.84364	30.14331	1
1646.02	1646.409	978.4092	126.32	87.77	125.73	125.18	7.11776	50.66727	42.21497	33.93023	8.284744	-9999	1
1646.025	1646.414	978.4143	116.62	82.64	116.26	116.43	15.50072	33.56415	50.93513	24.07452	26.86061	29.96893	1
1646.03	1646.419	978.4193	112.9	92.35	111.1	109.67	27.7333	10.39403	61.87267	44.12092	17.75176	32.59759	1
1646.035	1646.424	978.4244	108.91	60.91	107.91	107.57	32.81258	14.00631	53.18111	22.15678	31.02433	32.15524	1
1646.04	1646.429	978.4294	110.67	79.28	110	111.2	24.19034	20.56834	55.24132	37.50229	17.73903	31.05605	1
1646.045	1646.434	978.4345	111.79	77.24	111.06	111.5	24.11862	21.05625	54.82513	26.83442	27.99071	31.13541	1
1646.05	1646.44	978.4396	111.51	51.59	111.03	111.43	28.64602	21.93124	49.42274	18.9872	30.43554	31.0842	1
1646.055	1646.445	978.4446	109.13	100.89	108.49	108.36	20.14502	20.61861	59.23637	45.19575	14.04063	31.38941	1
1646.06	1646.45	978.4497	105.22	79.56	103.43	101.11	37.81658	5.733978	56.44944	29.23154	27.2179	33.39844	1
1646.065	1646.455	978.4547	100.42	63.13	98.9	96.91	44.11614	4.569535	51.31433	20.1404	31.17393	33.84264	1
1646.07	1646.46	978.4598	102.42	32.45	102.18	100.91	39.7807	12.79153	47.42777	34.06214	13.36563	32.9107	1
1646.075	1646.465	978.4648	107.55	51.19	106.84	106.47	34.16852	14.93481	50.89667	29.53245	21.36422	32.14807	1
1646.08	1646.47	978.4699	106.44	46.56	106.49	106.24	30.42018	20.59814	48.98168	23.98196	24.99972	31.46831	1
1646.085	1646.475	978.4749	103.87	58.08	103.3	103.51	34.80174	13.24694	51.95132	36.83274	15.11857	32.16254	1
1646.09	1646.48	978.48	105.17	47.9	104.96	106.84	33.2793	16.83794	49.88276	31.21297	18.66979	31.52056	1
1646.095	1646.485	978.485	98.34	27.75	98.06	97.55	44.9817	8.794124	46.22418	25.49673	20.72745	33.54222	1
1646.1	1646.49	978.4901	98.31	67.88	96.7	92.85	45.60534	3.53728	50.85738	17.95486	32.90252	34.2672	1
1646.105	1646.495	978.4952	104.23	50.83	104.31	104.11	31.18754	18.47671	50.33575	32.67874	17.65701	31.67909	1
1646.11	1646.5	978.5002	103.75	28.86	104.09	105	34.93088	18.60622	46.4629	19.57008	26.89282	31.70382	1
1646.115	1646.505	978.5053	101.32	29.8	101.57	102.12	37.6365	15.1839	47.1796	14.53055	32.64906	32.22917	1
1646.12	1646.51	978.5103	100.44	35.38	100.96	100.67	35.00324	16.56592	48.43084	22.82637	25.60448	32.09435	1
1646.125	1646.515	978.5154	100.42	40.85	100.63	102.02	36.1004	14.71665	49.18295	28.62459	20.55837	31.9523	1
1646.13	1646.52	978.5204	97.76	56.05	98.64	93.28	29.6767	17.45049	52.87281	34.65637	18.21644	32.69644	1
1646.135	1646.525	978.5255	97.69	39.37	97.91	97.11	38.89266	12.13142	48.97592	35.67564	13.30028	32.71056	1
1646.14	1646.531	978.5305	96.69	49.81	97.08	98.53	35.96868	12.98041	51.05091	37.01459	14.03631	31.97159	1
1646.145	1646.536	978.5356	97.38	90.79	97.1	91.98	30.60922	12.35003	57.04075	24.87838	32.16237	32.74626	1
1646.15	1646.541	978.5407	95.37	67.68	94.58	92.5	42.00354	6.746746	51.24971	18.3646	32.88512	33.22952	1
1646.155	1646.546	978.5457	88.98	45.68	87.81	86.91	56.15134	1.057405	42.79125	16.78545	26.0058	35.02712	1
1646.16	1646.551	978.5508	83.06	21.8	82.94	83.14	59.2392	0.884305	39.8765	23.69765	16.17885	35.41192	1

1646.165	1646.556	978.5558	81.63	18.48	80.98	81.89	65.46574	0	34.53426	18.44691	16.08735	34.82357	1
1646.17	1646.561	978.5609	79.62	10.23	79.14	78.79	67.99394	0	32.00606	23.58916	8.4169	34.74619	1
1646.175	1646.566	978.5659	78.44	11.02	78.33	79.14	66.02086	0	33.97914	23.44631	10.53283	34.80583	1
1646.18	1646.571	978.571	79.68	18.77	79.65	79.81	62.38456	0	37.61544	10.78925	26.82619	35.58107	1
1646.185	1646.576	978.576	79.98	15.26	79.59	78.65	65.74798	0	34.25202	19.38589	14.86613	35.16534	1
1646.19	1646.581	978.5811	80.21	22.83	79.73	78.74	64.40194	0	35.59806	8.842722	26.75534	35.23746	1
1646.195	1646.586	978.5861	80.85	24.03	80.32	78.4	63.91024	0	36.08976	23.84568	12.24408	35.50262	1
1646.2	1646.591	978.5912	82.35	17.52	82.22	83.18	61.00566	0.308857	38.68548	23.52274	15.16274	35.65732	1
1646.205	1646.596	978.5963	85.24	12.55	84.96	84.61	60.7121	0.597719	38.69018	17.08292	21.60726	36.05838	1
1646.21	1646.601	978.6013	87.99	12.72	87.86	87.67	56.97846	2.30644	40.7151	27.49956	13.21554	35.39186	6
1646.215	1646.606	978.6064	90.01	18.16	89.85	89.79	54.03608	3.554605	42.40932	21.31303	21.09629	34.82897	6
1646.22	1646.611	978.6114	89.59	14.79	89.52	89.61	54.54052	3.474713	41.98477	16.67708	25.30769	34.91279	6
1646.225	1646.616	978.6165	89.26	14.57	89.36	89.73	53.57986	3.965821	42.45432	20.86325	21.59107	34.6769	6
1646.23	1646.622	978.6215	88.75	13.24	88.85	89.02	54.37092	3.599536	42.02954	15.55435	26.47519	34.85436	6
1646.235	1646.627	978.6266	86.87	10.02	86.85	86.96	57.80976	1.996852	40.19339	25.72804	14.46535	35.48809	6
1646.24	1646.632	978.6316	85.88	16.37	86.13	85.78	55.09136	2.888485	42.02015	25.78954	16.23062	34.94485	6
1646.245	1646.637	978.6367	84.4	20.4	84.3	84.85	58.1902	1.365591	40.44421	24.44216	16.00204	35.22998	6
1646.25	1646.642	978.6418	82.4	34.35	82.6	82.91	54.3293	2.396801	43.2739	19.96276	23.31114	34.2914	6
1646.255	1646.647	978.6468	83.49	31.69	83.16	83	58.07772	1.093382	40.8289	22.81976	18.00914	35.12005	6
1646.26	1646.652	978.6519	85.33	26.82	85.01	83.49	57.48596	1.466994	41.04705	12.80874	28.23831	35.42833	6
1646.265	1646.657	978.6569	86.53	21.83	86.69	85.9	53.86954	3.264372	42.86609	21.51428	21.35181	34.76523	6
1646.27	1646.662	978.662	85.44	21.15	85.68	86.91	54.4169	2.964949	42.61815	12.34328	30.27487	34.45536	6
1646.275	1646.667	978.667	85.04	33.14	85.04	85.38	53.74332	2.806933	43.44975	13.63152	29.81823	34.32238	6
1646.28	1646.672	978.6721	87.23	35.32	87.97	88.73	45.46596	6.657736	47.8763	22.43553	25.44077	33.12468	6
1646.285	1646.677	978.6771	89.34	31.3	89.45	89.95	49.3801	5.1793	45.4406	18.79457	26.64603	33.79189	6
1646.29	1646.682	978.6822	90.75	40.07	89.55	88.08	56.11306	1.110244	42.7767	30.74251	12.03419	35.3062	6
1646.295	1646.687	978.6872	92.6	56.48	90.73	87.55	55.63234	0	44.36766	19.18425	25.18341	35.40417	6
1646.3	1646.692	978.6923	93.41	58.52	91.74	88.54	52.84346	1.12326	46.03328	31.60305	14.43023	35.03784	6
1646.305	1646.697	978.6974	96.59	73.06	96.02	93.9	37.87418	8.971612	53.15421	24.82403	28.33018	32.79674	6
1646.31	1646.702	978.7024	98.77	72.62	98.45	97.59	34.03756	11.89471	54.06773	29.08475	24.98299	32.24743	6
1646.315	1646.707	978.7075	96.59	48.16	95.11	93.74	50.95248	2.324263	46.72326	32.09872	14.62454	34.65624	6
1646.32	1646.713	978.7125	94.84	72.93	92.61	87.67	52.38064	0	47.61936	14.31274	33.30662	35.03435	6
1646.325	1646.718	978.7176	96.01	108.55	94.59	85.43	36.4067	6.509796	57.0835	22.77098	34.31253	33.81725	6
1646.33	1646.723	978.7226	98.17	118.14	99.58	88.84	10.16622	25.57931	64.25447	56.01498	8.239491	33.79947	6
1646.335	1646.728	978.7277	101.55	102.18	103.41	106.91	7.43144	32.81113	59.75743	56.1853	3.572134	-9999	6
1646.34	1646.733	978.7327	100.69	77.41	102.76	104.08	12.58948	31.34541	56.06511	40.13441	15.9307	30.9841	6
1646.345	1646.738	978.7378	101.06	62.19	102.67	104.28	19.49732	27.33252	53.17016	37.40938	15.76078	30.77423	6
1646.35	1646.743	978.7429	99.59	46.27	100.1	101.02	33.22736	16.3097	50.46294	30.99852	19.46442	31.7525	6
1646.355	1646.748	978.7479	97.91	44.45	98.41	98.73	35.2909	14.41695	50.29215	17.32835	32.9638	32.09664	6
1646.36	1646.753	978.753	98.12	37.29	98.92	99.61	34.50542	16.06037	49.43421	21.10373	28.33048	31.92724	6
1646.365	1646.758	978.758	95.39	34	96.17	96.67	37.9682	12.97695	49.05485	28.10435	20.9505	32.3779	6
1646.37	1646.763	978.7631	92.65	33.35	93.44	93.67	40.5688	10.59029	48.84091	16.00704	32.83387	32.73262	6
1646.375	1646.768	978.7681	91.75	44.66	92.01	92.23	42.76728	8.181019	49.0517	21.45315	27.59855	32.90292	6
1646.38	1646.773	978.7732	89.98	37.49	90.28	91.55	45.82082	6.749319	47.42986	34.33132	13.09855	33.10722	6
1646.385	1646.778	978.7782	89.93	46.96	90.05	90.18	44.97008	6.609087	48.42083	34.85761	13.56322	33.11966	6
1646.39	1646.783	978.7833	87.37	46.02	86.97	85.65	51.58276	3.300548	45.11669	23.80658	21.31012	34.21573	6
1646.395	1646.788	978.7883	87.58	63.73	87.78	87.43	42.45374	6.768133	50.77813	33.59163	17.1865	32.68084	6
1646.4	1646.793	978.7934	86.44	77.43	86.98	85.59	37.55214	8.310696	54.13716	33.85478	20.28238	32.29159	6
1646.405	1646.798	978.7985	87.3	50.01	88	89.85	42.15658	7.54265	50.30077	31.42084	18.87993	32.40083	6
1646.41	1646.804	978.8035	90.65	37.45	91.22	91.67	43.1216	8.340664	48.53774	24.15829	24.37944	32.93961	6
1646.415	1646.809	978.8086	93.16	41.67	92.67	91.55	48.00616	5.332274	46.66157	25.6369	21.02466	33.93046	6
1646.42	1646.814	978.8136	90.82	42.03	91.41	92.73	41.70184	8.856351	49.44181	25.07202	24.36979	32.58582	6
1646.425	1646.819	978.8187	90.38	47.19	91.08	92.61	40.00542	9.377991	50.61659	24.6903	25.92629	32.3301	6
1646.43	1646.824	978.8237	89.85	33.83	90.49	91.14	44.19114	7.850587	47.95827	19.56495	28.39332	33.04931	6
1646.435	1646.829	978.8288	91.23	39.95	91.65	91.67	43.1455	8.240252	48.61425	18.49291	30.12134	33.0099	6
1646.44	1646.834	978.8338	91.13	43.89	91.04	90.67	46.23652	6.190425	47.57306	32.57701	14.99605	33.44029	6
1646.445	1646.839	978.8389	91.58	35.5	91.3	90.55	49.3254	5.037836	45.63676	24.38414	21.25262	34.05119	6
1646.45	1646.844	978.844	91.26	55.04	90.86	89.73	45.82112	5.66872	48.51016	22.82581	25.68435	33.43445	6
1646.455	1646.849	978.849	92.47	51.2	92.71	93.06	40.6772	9.010423	50.31238	30.55796	19.75441	32.61352	6
1646.46	1646.854	978.8541	96.73	68.93	97.26	97.45	30.21984	15.13498	54.64518	25.47544	29.16974	31.7371	6
1646.465	1646.859	978.8591	95.48	65.14	96.08	96.8	31.74452	14.15067	54.10481	25.95687	28.14794	31.74745	6
1646.47	1646.864	978.8642	92.67	76.22	93.65	95.26	28.70336	14.43812	56.85852	41.49363	15.36489	31.42483	6
1646.475	1646.869	978.8692	91.5	121.63	90.7	88.96	32.58554	8.554893	58.85957	26.68079	32.17877	31.82969	6
1646.48	1646.874	978.8743	92.58	93.64	92.76	93.61	30.77052	11.66486	57.56462	32.56429	25.00033	31.53364	6
1646.485	1646.879	978.8793	92.96	68.48	93.43	93.2	34.26214	11.63464	54.10322	20.7818	33.32142	32.07065	6
1646.49	1646.884	978.8844	89.88	65.93	89.68	89.96	42.90534	6.549349	50.54531	30.08786	20.45745	32.66703	6
1646.495	1646.889	978.8894	87.54	68	88.08	89.73	38.8222	8.300877	52.87692	26.29757	26.57935	31.95417	6
1646.5	1646.895	978.8945	89.4	106.28	89.81	91.73	28.85474	11.49235	59.65291	43.10739	16.54552	31.11983	6
1646.505	1646.9	978.8996	85.8	93.51	87.19	87.98	27.66208	12.03475	60.30317	32.94826	27.35491	31.42315	6
1646.51	1646.905	978.9046	89.34	84.82	91.17	95.02	23.09826	16.01181	60.88993	33.96491	26.92503	30.98873	6
1646.515	1646.91	978.9097	97.42	85.66	98.95	100.49	17.78638	23.21784	58.99578	41.96889	17.02689	31.18791	6
1646.52	1646.915	978.9147	98.22	120.52	98.85	93.2	15.58926	20.68837	63.72237	34.64461	29.07776	32.62199	6
1646.525	1646.92	978.9198	97.97	71.41	97.28	94.39	37.93388	9.004675	53.06144	37.72998	15.33147	33.00085	6

1646.53	1646.925	978.9248	96.82	42.48	97.12	96.87	38.32044	12.06846	49.6111	25.27229	24.33881	32.53685	6
1646.535	1646.93	978.9299	97.61	49.04	97.3	95.73	40.73362	9.517711	49.74867	16.22848	33.52019	33.09095	6
1646.54	1646.935	978.9349	100.71	85.42	101.07	102.35	23.88516	19.09059	57.02425	42.18543	14.83882	31.2007	6
1646.545	1646.94	978.94	98.78	49.15	99	99.12	35.5231	13.77032	50.70658	31.98764	18.71893	32.16083	6
1646.55	1646.945	978.9451	100.75	48.31	100.98	101.39	33.83648	15.69527	50.46825	33.53303	16.93522	31.90238	6
1646.555	1646.95	978.9501	100.2	76.26	101.35	103	20.44858	23.58056	55.97086	40.47923	15.49162	30.97169	6
1646.56	1646.955	978.9552	104.69	107.64	105.92	107.98	8.10382	33.08305	58.81313	49.02023	9.792902	30.91096	6
1646.565	1646.96	978.9602	99.83	78.62	99.99	100.39	27.89036	16.34506	55.76458	38.25497	17.50961	31.55302	6
1646.57	1646.965	978.9653	98.94	74.85	99.63	100.35	25.514	18.75968	55.72632	30.95561	24.77072	31.362	6
1646.575	1646.97	978.9703	95.25	129.62	93.77	87.35	32.47196	7.364419	60.16362	23.9835	36.18012	32.87586	6
1646.58	1646.975	978.9754	90.63	185.32	82.72	81.98	73.07546	0	26.92454	22.20846	4.716078	20.64332	6
1646.585	1646.98	978.9804	88.65	205.76	82.11	81.31	59.33308	0	40.66692	18.36768	22.29924	25.78068	6
1646.59	1646.985	978.9855	86.8	155.66	82.52	80.06	55.64428	0	44.35572	27.63221	16.72351	31.06157	6
1646.595	1646.991	978.9905	87.71	100.55	84.54	82.54	59.5412	0	40.4588	10.01733	30.44147	31.95319	6
1646.6	1646.996	978.9956	87.08	93.84	86.25	85.59	43.60962	4.921582	51.4688	19.00619	32.4626	32.44461	6
1646.605	1647.001	979.0007	84.84	59.83	83.96	83.43	54.28834	1.775005	43.93665	25.24816	18.6885	34.16171	6
1646.61	1647.006	979.0057	86.82	79	86.02	83.89	47.2076	3.93631	48.85609	20.90176	27.95433	33.29484	6
1646.615	1647.011	979.0108	86.73	141.06	82.73	79.43	57.07188	0	42.92812	22.5053	20.42282	31.45365	6
1646.62	1647.016	979.0158	85.64	119.77	82.2	80.61	58.88686	0	41.11314	23.40868	17.70446	32.08233	6
1646.625	1647.021	979.0209	86.03	128.55	83.45	78.15	49.7383	1.481518	48.78018	31.17693	17.60325	33.40779	6
1646.63	1647.026	979.0259	85.66	139.27	82.09	76.16	55.15696	0	44.84304	21.17128	23.67176	33.22402	6
1646.635	1647.031	979.031	85.36	136.64	81.36	75.51	59.40192	0	40.59808	26.91261	13.68547	32.14342	6
1646.64	1647.036	979.036	85.17	140.11	82.15	74.05	51.14198	0.986551	47.87147	15.12366	32.74781	33.8323	6
1646.645	1647.041	979.0411	84.49	129.56	79.14	74.92	72.37818	0	27.62182	15.53524	12.08658	29.72121	6
1646.65	1647.046	979.0462	83.94	128.85	78.12	75.04	76.6985	0	23.3015	7.049768	16.25173	29.34398	6
1646.655	1647.051	979.0512	84.25	107.61	79.67	75.39	71.94338	0	28.05662	23.76367	4.292952	30.62051	6
1646.66	1647.056	979.0563	86.37	103.17	82.16	78.57	68.19996	0	31.80004	7.439219	24.36082	30.19804	6
1646.665	1647.061	979.0613	90.15	141.25	87.71	81.76	41.7895	3.036843	55.17366	18.03711	37.13655	32.89801	6
1646.67	1647.066	979.0664	93.55	171.58	93.9	91.09	9.69914	18.43897	71.86189	67.68286	4.179032	32.42926	6
1646.675	1647.071	979.0714	92.58	83.34	94.76	96.91	17.76312	20.94652	61.29036	50.23387	11.05649	31.35218	6
1646.68	1647.076	979.0765	86.69	36.81	87.29	88	46.68718	5.924436	47.38838	34.31498	13.07341	33.24792	6
1646.685	1647.082	979.0815	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1647.01	1647.41	979.4099	91.47	14.45	91.11	90.93	55.1407	3.208487	41.65081	22.38912	19.26169	35.14594	-9999
1647.015	1647.415	979.4148	93	19.13	92.5	92.15	53.68554	3.680172	42.63429	12.56839	30.0659	34.92106	-9999
1647.02	1647.42	979.4197	91.9	17.04	91.36	91.06	55.51332	2.806059	41.68062	24.10147	17.57915	35.23984	-9999
1647.025	1647.425	979.4247	92.72	21.36	91.92	90.86	55.72848	2.311551	41.95997	27.23238	14.72759	35.43146	-9999
1647.03	1647.43	979.4296	95.07	42.62	94.11	90.17	49.66156	4.037334	46.30111	26.6516	19.6495	34.80951	-9999
1647.035	1647.435	979.4346	98.31	68.19	97.45	93.24	39.71782	7.972448	52.30973	27.94271	24.36702	33.47049	-9999
1647.04	1647.439	979.4395	98.91	110.71	96.47	91.82	41.12098	1.801157	57.07786	33.03527	24.04259	33.76209	-9999
1647.045	1647.444	979.4444	97.42	105.12	95.24	90.72	41.82956	2.643683	55.52676	32.0702	23.45656	33.67607	-9999
1647.05	1647.449	979.4494	94.85	67.74	92.71	90.29	52.92992	0	47.07008	14.51206	32.55802	34.80623	-9999
1647.055	1647.454	979.4543	96.06	66.98	94.88	89.76	44.56064	4.979896	50.45946	25.88931	24.57015	34.17079	-9999
1647.06	1647.459	979.4592	93.01	49.93	91.67	89.94	52.73274	1.911068	45.35619	14.98339	30.3728	34.77423	-9999
1647.065	1647.464	979.4642	91.49	39.97	90.76	90.41	51.81396	3.338573	44.84747	23.75862	21.08884	34.34286	-9999
1647.07	1647.469	979.4691	92.73	58.76	91.06	89.88	53.41098	0.966529	45.62249	27.67157	17.95092	34.70505	-9999
1647.075	1647.474	979.474	92.87	34.54	92.1	91.23	52.16842	3.405548	44.42603	30.83019	13.59584	34.61785	-9999
1647.08	1647.479	979.479	93.7	43.79	92.87	91.55	49.63132	4.12783	46.24085	30.50371	15.73714	34.23815	6
1647.085	1647.484	979.4839	92.67	24.51	92.14	91.67	52.91968	3.735256	43.34506	19.90774	23.43732	34.74474	6
1647.09	1647.489	979.4889	94.16	31.09	93.84	93.43	48.32902	6.004948	45.66603	31.40967	14.25636	33.94437	6
1647.095	1647.494	979.4938	98.95	44.97	98.92	98.22	38.31576	12.02205	49.66219	17.71386	31.94833	32.62742	6
1647.1	1647.499	979.4987	101.09	66.4	101.41	102.41	28.4484	17.9231	53.6285	29.71622	23.91228	31.39156	6
1647.105	1647.504	979.5037	102.04	54.66	103.11	104.44	24.60298	24.03184	51.36518	36.42736	14.93782	30.90653	6
1647.11	1647.509	979.5086	102.78	54.93	103.53	105.82	26.33684	22.49677	51.16639	33.71083	17.45556	30.81721	6
1647.115	1647.514	979.5135	104.61	73.2	105.41	106.06	19.8444	26.74268	53.41292	28.12372	25.2892	30.81342	6
1647.12	1647.518	979.5185	103.15	94.45	105.13	107.22	6.9001	36.16727	56.93263	51.80602	5.126611	-9999	6
1647.125	1647.523	979.5234	102.11	84.43	103.43	106	15.39674	28.14976	56.4535	35.95369	20.49981	30.66375	6
1647.13	1647.528	979.5283	103.68	101.36	104.35	106.59	14.89278	26.18509	58.92213	33.74314	25.17899	30.82225	6
1647.135	1647.533	979.5333	101.96	113.88	102.76	98.95	12.43784	25.79028	61.77188	40.11404	21.65785	32.18472	6
1647.14	1647.538	979.5382	102.41	180.69	103.32	105.28	0	31.77616	68.22384	68.22384	0	-9999	6
1647.145	1647.543	979.5432	96.52	113.26	95.63	96.43	30.69018	9.876924	59.4329	28.32148	31.11142	31.58448	6
1647.15	1647.548	979.5481	92.49	69.52	91.95	91.54	42.27036	6.63755	51.09209	34.80728	16.28481	32.79714	6
1647.155	1647.553	979.553	89.78	49.12	89.61	89.76	46.83286	5.485774	47.68137	15.77608	31.90529	33.32208	6
1647.16	1647.558	979.558	91.22	83.87	89.98	88.43	45.39106	4.053785	50.55516	21.90041	28.65475	33.18477	6
1647.165	1647.563	979.5629	95.17	92.04	94.67	93	34.04492	9.792216	56.16286	24.17729	31.98558	32.25668	6
1647.17	1647.568	979.5678	92.77	128.87	90.3	85.51	42.60756	2.285569	55.10687	33.25659	21.85028	33.17022	6
1647.175	1647.573	979.5728	99.45	83.36	99.82	102.9	25.46538	17.71702	56.8176	35.49425	21.32335	30.94353	6
1647.18	1647.578	979.5777	98.88	73.33	99.85	101.06	23.76704	20.47201	55.76095	42.43346	13.32748	31.19223	6
1647.185	1647.583	979.5827	99.24	76.38	100.39	100.24	21.30274	22.34985	56.34741	35.37918	20.96823	31.37158	6
1647.19	1647.588	979.5876	96.37	76.16	97.8	88.3	21.82638	20.66387	57.50975	28.2308	29.27895	33.24726	6
1647.195	1647.593	979.5925	91.7	69.1	92.61	90.55	31.8613	12.80869	55.33001	36.45483	18.87518	32.26143	6
1647.2	1647.597	979.5975	89.89	28.78	90.49	92.15	45.68644	7.367333	46.94623	32.96779	13.97844	33.08891	6
1647.205	1647.602	979.6024	93.7	37.5	94.29	96.68	40.1485	10.72195	49.12955	21.27018	27.85937	32.25918	6
1647.21	1647.607	979.6073	95.25	45.75	95.59	99	38.6635	11.20889	50.12761	20.08395	30.04366	31.884	6

1647.215	1647.612	979.6123	94.73	41.89	94.76	96.8	42.47852	8.896913	48.62457	33.91356	14.71101	32.59729	6
1647.22	1647.617	979.6172	92.57	33.36	92.39	93.1	48.15748	5.897862	45.94466	18.14958	27.79508	33.64238	6
1647.225	1647.622	979.6221	94.55	32.13	94.41	93.33	46.32354	7.232638	46.44382	22.35684	24.08699	33.75403	6
1647.23	1647.627	979.6271	96.53	54.5	95.55	92.18	45.5984	5.423844	48.97776	31.97539	17.00237	34.06906	6
1647.235	1647.632	979.632	94.46	29.83	94.55	94.41	45.18044	8.204974	46.61459	29.35719	17.25739	33.41554	6
1647.24	1647.637	979.637	94.06	38.83	93.97	92.65	44.76544	7.620348	47.61421	19.41148	28.20274	33.52514	6
1647.245	1647.642	979.6419	96.43	84.58	95.59	95.96	37.32604	8.16795	54.50601	37.63369	16.87232	32.23978	6
1647.25	1647.647	979.6468	94.04	66.72	93.62	89.18	40.59196	7.842349	51.56569	26.38179	25.1839	33.43501	6
1647.255	1647.652	979.6518	94.04	66.28	93.48	89.85	41.78344	7.121846	51.09471	25.68312	25.4116	33.42394	6
1647.26	1647.657	979.6567	92.86	56.9	92.24	90.02	45.604	5.600937	48.79506	20.31255	28.48251	33.65679	6
1647.265	1647.662	979.6616	93.53	84.92	91.1	85.96	52.23426	0	47.76574	20.67129	27.09445	34.46025	6
1647.27	1647.667	979.6666	94.35	65.25	93.22	89.24	46.165	4.412328	49.42267	19.97136	29.45132	34.09061	6
1647.275	1647.672	979.6715	97.45	75.47	98.23	91.14	26.03726	17.80301	56.15973	30.87188	25.28785	32.85887	6
1647.28	1647.676	979.6764	94.32	67.78	94.05	88.33	38.91534	8.8298	52.25486	22.92138	29.33348	33.49794	6
1647.285	1647.681	979.6814	91.63	64.62	90.26	89.15	50.67986	2.340877	46.97926	26.39114	20.58812	34.07681	6
1647.29	1647.686	979.6863	90.35	41.49	90.51	91.76	45.59742	6.651998	47.75058	16.99864	30.75194	33.04672	6
1647.295	1647.691	979.6913	88.88	33.04	89.06	90.74	48.83972	5.320588	45.83969	29.81524	16.02445	33.45341	6
1647.3	1647.696	979.6962	87.19	30	87.24	87.59	52.1377	3.747333	44.11497	30.69298	13.42199	34.18038	6
1647.305	1647.701	979.7011	83.75	24.67	83.72	82.43	57.21236	1.609275	41.17836	17.63461	23.54376	35.28317	6
1647.31	1647.706	979.7061	81.29	12.86	81.35	81.29	61.63608	0.133438	38.23048	8.67388	29.5566	35.99255	6
1647.315	1647.711	979.711	82.82	38.84	82.04	79.61	60.45132	0.083918	39.46476	15.60549	23.85927	35.83189	6
1647.32	1647.716	979.7159	89.95	172.77	86.78	76.78	40.00316	2.534388	57.46245	23.70792	33.75453	33.07765	9
1647.325	1647.721	979.7209	91.26	193.17	87.1	82.18	41.53366	0.207675	58.25867	20.77415	37.48452	32.18516	9
1647.33	1647.726	979.7258	86.26	104.16	83.24	81.17	58.83908	0	41.16092	17.32082	23.8401	32.64619	9
1647.335	1647.731	979.7307	88.8	104.21	86.57	84.08	50.36768	1.16568	48.46664	30.3248	18.14184	33.59602	9
1647.34	1647.736	979.7357	88.95	82.3	88.12	83.49	44.6819	4.788265	50.52984	31.82628	18.70355	33.53935	9
1647.345	1647.741	979.7406	91.32	127.23	88.43	84.78	47.59344	0.442595	51.96396	25.56975	26.39422	33.4127	9
1647.35	1647.746	979.7456	91.73	104.06	89.53	88.76	47.47588	1.612836	50.91128	20.15998	30.7513	33.15711	9
1647.355	1647.75	979.7505	93.5	155.92	91.41	86.82	32.44486	5.839294	61.71585	27.1937	34.52215	32.20507	9
1647.36	1647.755	979.7554	92.85	170.59	91	85.29	27.63272	7.759764	64.60752	33.0286	31.57892	32.10623	9
1647.365	1647.76	979.7604	93.62	147.89	92.45	90.08	27.14772	9.516511	63.33577	32.14461	31.19115	31.71724	9
1647.37	1647.765	979.7653	91.11	159.7	88.47	85.47	37.9914	3.586757	58.42184	30.31693	28.10492	31.93404	9
1647.375	1647.77	979.7702	91.21	128.67	89.48	86.72	38.35616	5.077611	56.56623	24.47598	32.09025	32.25733	9
1647.38	1647.775	979.7752	94.56	116.52	94.15	91.98	27.98446	11.55336	60.46218	34.90459	25.55759	31.92279	9
1647.385	1647.78	979.7801	96.52	83.74	96.14	95.86	33.88152	10.71253	55.40595	21.69613	33.70982	32.05674	9
1647.39	1647.785	979.785	95.23	150.65	93.96	91.26	25.7736	9.829462	64.39694	45.61603	18.78091	31.85423	9
1647.395	1647.79	979.79	91.21	129.43	88.14	84.29	48.55724	0	51.44276	11.78887	39.65389	33.41919	9
1647.4	1647.795	979.7949	100.61	89.02	99.86	97.27	31.70846	11.5062	56.78534	30.84753	25.93781	32.45082	9
1647.405	1647.8	979.7999	107.93	134.2	106.52	103.33	19.1555	14.18829	66.65621	45.35694	21.29927	32.51944	9
1647.41	1647.805	979.8048	112.46	140.73	111.9	109.39	6.82014	28.2448	64.93506	53.38864	11.54642	-9999	9
1647.415	1647.81	979.8097	119.28	155.08	120	119.63	0	63.04125	36.95875	36.95875	0	-9999	9
1647.42	1647.815	979.8147	128.58	158.96	130.3	134.06	0	100	0	0	0	-9999	9
1647.425	1647.82	979.8196	137.37	96.34	138.41	141.91	0	100	0	0	0	-9999	9
1647.43	1647.825	979.8245	136.42	154.06	137.9	142.55	0	100	0	0	0	-9999	9
1647.435	1647.829	979.8295	133.27	148.64	134.22	135.56	0	100	0	0	0	-9999	9
1647.44	1647.834	979.8344	130.37	192.32	131.96	133.83	0	100	0	0	0	-9999	9
1647.445	1647.839	979.8393	126.55	225.2	128.94	128.57	0	100	0	0	0	-9999	9
1647.45	1647.844	979.8443	123.62	209.23	124.13	122.35	0	76.5702	23.4298	23.4298	0	-9999	9
1647.455	1647.849	979.8492	124.81	140.56	125.41	127.26	0	78.43312	21.56688	21.56688	0	-9999	9
1647.46	1647.854	979.8542	127.92	124.63	128.75	128.71	0	96.86196	3.138044	3.138044	0	-9999	9
1647.465	1647.859	979.8591	128.69	110.14	129.1	130.78	0	87.2816	12.7184	12.7184	0	-9999	9
1647.47	1647.864	979.864	130.65	118.28	131.59	133.14	0	100	0	0	0	-9999	9
1647.475	1647.869	979.869	129.46	127.52	129.86	130.67	0	91.59957	8.400432	8.400432	0	-9999	9
1647.48	1647.874	979.8739	130.39	117.88	130.87	131.2	0	97.8258	2.174196	2.174196	0	-9999	9
1647.485	1647.879	979.8788	128.58	129.56	129.06	128.53	0	90.14603	9.853968	9.853968	0	-9999	9
1647.49	1647.884	979.8838	127.99	110.71	128.49	128.33	0	86.84077	13.15923	13.15923	0	-9999	9
1647.495	1647.889	979.8887	130.4	103.97	130.93	129.72	0	98.53299	1.467013	1.467013	0	-9999	9
1647.5	1647.894	979.8937	129.11	182.33	131.35	132.37	0	100	0	0	0	-9999	9
1647.505	1647.899	979.8986	127.75	165.42	128.61	131.46	0	99.6527	0.347299	0.347299	0	-9999	9
1647.51	1647.904	979.9035	121.58	151.59	121.98	124.22	0	63.59313	36.40687	36.40687	0	-9999	9
1647.515	1647.908	979.9085	121.79	149.85	119.02	116.35	13.157	3.557101	83.2859	49.48257	33.80333	34.25599	9
1647.52	1647.913	979.9134	121.01	89.45	120.14	119.92	13.7664	33.22422	53.00938	28.08861	24.92076	29.94108	9
1647.525	1647.918	979.9183	125.45	70.67	125.65	126.55	5.93386	66.29382	27.77232	17.62873	10.14359	-9999	9
1647.53	1647.923	979.9233	134.76	94.58	135.29	135.13	0	100	0	0	0	-9999	9
1647.535	1647.928	979.9282	136.85	186.11	138.72	139.02	0	100	0	0	0	-9999	9
1647.54	1647.933	979.9331	134.19	307.69	137.31	141.16	0	100	0	0	0	-9999	9
1647.545	1647.938	979.9381	133.78	218.54	133.19	130.45	0	83.33843	16.66157	16.66157	0	-9999	9
1647.55	1647.943	979.943	126.84	159.34	127.03	129.65	0	77.01956	22.98044	22.98044	0	-9999	9
1647.555	1647.948	979.948	125.07	148.21	126.33	129.59	0	96.45433	3.545674	3.545674	0	-9999	9
1647.56	1647.953	979.9529	126.5	224.08	125.98	127.74	0	62.08993	37.91007	37.91007	0	-9999	9
1647.565	1647.958	979.9578	120.22	167.49	118.87	117.7	0	28.62747	71.37253	71.37253	0	-9999	9
1647.57	1647.963	979.9628	123.35	118.28	123.33	124.62	0	57.73928	42.26072	42.26072	0	-9999	9
1647.575	1647.968	979.9677	131.07	126.73	131.37	133.09	0	95.89635	4.103653	4.103653	0	-9999	9

1647.58	1647.973	979.9726	135.56	94.17	136.15	136.61	0	100	0	0	0	-9999	9
1647.585	1647.978	979.9776	138.76	84.45	139.31	139.27	0	100	0	0	0	-9999	9
1647.59	1647.983	979.9825	138.64	109.54	140.08	140.78	0	100	0	0	0	-9999	9
1647.595	1647.987	979.9874	133.03	133.47	133.74	138.22	0	100	0	0	0	-9999	9
1647.6	1647.992	979.9924	131.12	102.11	131.67	132.92	0	100	0	0	0	-9999	9
1647.605	1647.997	979.9973	130.46	88.14	130.72	127.8	0	89.16026	10.83974	10.83974	0	-9999	9
1647.61	1648.002	980.0023	131.49	102.85	131.81	131.37	0	96.9759	3.024095	3.024095	0	-9999	9
1647.615	1648.007	980.0072	129.99	158.64	130.9	135.39	0	100	0	0	0	-9999	9
1647.62	1648.012	980.0121	125.66	114.27	125.76	124.67	0	67.49471	32.50529	32.50529	0	-9999	9
1647.625	1648.017	980.0171	128.22	101.61	128.48	128.94	0	80.40517	19.59483	19.59483	0	-9999	9
1647.63	1648.022	980.022	128.24	111.91	128.98	127.84	0	94.94199	5.058006	5.058006	0	-9999	9
1647.635	1648.027	980.0269	127.48	128.24	127.94	123.15	0	84.72155	15.27845	15.27845	0	-9999	9
1647.64	1648.032	980.0319	128.32	88.15	128.33	127.92	0.5358	72.84024	26.62396	26.62396	0	-9999	9
1647.645	1648.037	980.0368	131.91	109.77	132.78	134.65	0	100	0	0	0	-9999	9
1647.65	1648.042	980.0417	127.73	160.5	128	126.31	0	82.68281	17.31719	17.31719	0	-9999	9
1647.655	1648.047	980.0467	124.16	111.85	124.15	122.5	0	59.92018	40.07982	40.07982	0	-9999	9
1647.66	1648.052	980.0516	124.78	107.49	124.82	125.33	0	62.70338	37.29662	37.29662	0	-9999	9
1647.665	1648.057	980.0566	127.68	111.51	127.86	128.96	0	76.70217	23.29783	23.29783	0	-9999	9
1647.67	1648.061	980.0615	123.86	123.78	123.81	122.89	0	58.92963	41.07037	41.07037	0	-9999	9
1647.675	1648.066	980.0664	127.39	147.15	127.39	125.21	0	73.15206	26.84794	26.84794	0	-9999	9
1647.68	1648.071	980.0714	126.2	200.14	126.88	125.51	0	90.07813	9.921871	9.921871	0	-9999	9
1647.685	1648.076	980.0763	121.35	99.1	119.89	131.44	15.6908	23.4517	60.8575	51.34728	9.510221	28.86308	9
1647.69	1648.081	980.0812	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1648.04	1648.427	980.4268	117.37	120.97	117.56	113.04	1.27236	46.41855	52.30909	52.30909	0	-9999	-9999
1648.045	1648.432	980.4317	119.54	148.34	120.15	121.5	0	61.321	38.679	38.679	0	-9999	-9999
1648.05	1648.437	980.4367	122.32	130.96	122.31	125.7	0	55.90386	44.09614	44.09614	0	-9999	-9999
1648.055	1648.442	980.4416	120.94	147.42	120.86	117.57	0	51.98807	48.01193	48.01193	0	-9999	-9999
1648.06	1648.447	980.4465	113.77	206.97	114.06	114.22	0	45.97678	54.02322	54.02322	0	-9999	-9999
1648.065	1648.451	980.4515	102.42	115.51	102.79	102.53	14.95268	23.10344	61.94388	45.21147	16.7324	31.49189	-9999
1648.07	1648.456	980.4564	99.11	152.94	99.1	99.73	11.88482	19.57664	68.53854	56.74925	11.78928	31.68346	-9999
1648.075	1648.461	980.4613	102.69	139.36	102.06	100.08	16.68258	17.2869	66.03052	46.32806	19.70246	32.03106	-9999
1648.08	1648.466	980.4663	99.06	128.11	99.18	96.19	16.93218	18.70479	64.36303	36.23967	28.12336	32.10043	-9999
1648.085	1648.471	980.4712	101.78	164.5	102.1	98.12	4.0734	25.29747	70.62913	70.62913	0	-9999	-9999
1648.09	1648.476	980.4762	109.59	192.92	111.13	113.02	0	51.88357	48.11643	48.11643	0	-9999	-9999
1648.095	1648.481	980.4811	114.79	230.6	117.59	120.9	0	88.38669	11.61331	11.61331	0	-9999	-9999
1648.1	1648.486	980.486	114.43	129.39	116.06	118.35	0	61.79118	38.20882	38.20882	0	-9999	-9999
1648.105	1648.491	980.491	119.85	98.16	120.67	121.17	0	62.86037	37.13963	37.13963	0	-9999	-9999
1648.11	1648.496	980.4959	123.6	66.62	124.06	123.88	6.60096	65.73794	27.6611	19.61376	8.047335	-9999	-9999
1648.115	1648.501	980.5008	127.98	94.58	128.75	130.71	0	93.39996	6.600037	6.600037	0	-9999	-9999
1648.12	1648.506	980.5058	128.69	78.84	129.2	130.89	0	88.09482	11.90518	11.90518	0	-9999	-9999
1648.125	1648.511	980.5107	127.86	70.95	128.53	129.04	0.0064	88.39279	11.60081	11.60081	0	-9999	-9999
1648.13	1648.516	980.5156	127.34	69.57	128.06	129.08	0.43126	87.3323	12.23644	12.23644	0	-9999	-9999
1648.135	1648.521	980.5206	124.77	79.01	126.07	126.17	0	91.37948	8.620517	8.620517	0	-9999	-9999
1648.14	1648.526	980.5255	115.74	206.56	120.33	122.04	0	100	0	0	0	-9999	-9999
1648.145	1648.53	980.5305	114.95	89.13	114.84	112.27	13.52904	34.67378	51.79718	39.14677	12.65041	30.5705	-9999
1648.15	1648.535	980.5354	112.71	89.77	113.33	111.11	9.77746	40.34254	49.88	38.57351	11.30649	30.35379	-9999
1648.155	1648.54	980.5403	106.47	84.42	106.25	99.39	23.32296	20.66085	56.01619	33.33853	22.67766	32.55406	-9999
1648.16	1648.545	980.5453	98.78	18.09	98.86	98.29	44.12462	10.76975	45.10563	14.42818	30.67744	33.37926	-9999
1648.165	1648.55	980.5502	97.1	17.71	97.26	97.13	45.14218	9.804479	45.05334	32.25619	12.79715	33.45714	-9999
1648.17	1648.555	980.5551	92.54	25.57	92.98	92.66	45.26526	8.282272	46.45247	28.52547	17.927	33.44719	-9999
1648.175	1648.56	980.5601	93.55	34.55	93.76	93.04	43.9454	8.488906	47.56569	20.18055	27.38515	33.30392	-9999
1648.18	1648.565	980.565	93.39	54.25	92.83	92.61	45.2927	5.969326	48.73797	23.81696	24.92102	33.27866	-9999
1648.185	1648.57	980.57	92.82	39.89	92.84	92.98	44.79722	7.432821	47.76996	22.43375	25.33621	33.21452	-9999
1648.19	1648.575	980.5749	91.59	46.53	91.94	94.19	41.76444	8.611151	49.62441	23.88018	25.74423	32.38208	-9999
1648.195	1648.58	980.5798	89.89	77.99	89.78	91.55	39.28012	7.735416	52.98446	34.53501	18.44946	31.91451	-9999
1648.2	1648.585	980.5848	87.59	142.73	87.9	88.86	22.47404	12.51394	65.01202	50.02503	14.98699	30.9367	-9999
1648.205	1648.59	980.5897	83.08	214.68	85.25	88.57	0	20.96133	79.03867	79.03867	0	-9999	-9999
1648.21	1648.595	980.5946	82.4	183.96	81.74	86.78	24.78868	10.09309	65.11823	30.72414	34.39409	29.2426	-9999
1648.215	1648.6	980.5996	78.68	178.19	74.88	73.24	53.94242	2.144307	43.91327	15.18394	28.72933	31.55097	-9999
1648.22	1648.605	980.6045	78.09	78.48	76.8	76.04	59.16254	0.506078	40.33138	26.68063	13.65075	34.21294	1
1648.225	1648.609	980.6094	79.11	25.82	78.87	78.63	62.83036	0	37.16964	22.20777	14.96187	35.2808	1
1648.23	1648.614	980.6144	82.33	21.18	82.63	83.53	56.80584	1.764714	41.42945	16.91454	24.5149	34.7927	1
1648.235	1648.619	980.6193	85.04	16.85	84.88	85.12	58.9255	1.193531	39.88097	27.11252	12.76844	35.49517	1
1648.24	1648.624	980.6243	86.29	11.4	86.06	85.94	59.6369	1.107309	39.25579	12.70698	26.54882	35.83998	1
1648.245	1648.629	980.6292	86.69	12.58	86.84	86.59	56.03834	2.68335	41.27831	18.01587	23.26244	35.15858	1
1648.25	1648.634	980.6341	85.39	28.56	85.88	86.24	50.73218	4.276724	44.9911	26.65402	18.33708	33.91452	1
1648.255	1648.639	980.6391	83.79	17.49	83.91	84.83	57.75062	1.595893	40.65349	17.67654	22.97695	35.07882	1
1648.26	1648.644	980.644	82.63	14.03	82.59	83.41	60.89514	0.429903	38.67496	13.8739	24.80105	35.7142	1
1648.265	1648.649	980.6489	80.78	16.29	81.04	81.65	59.72522	0.70737	39.56741	28.15732	11.41009	35.39889	1
1648.27	1648.654	980.6539	80.31	13.25	80.06	80.15	64.8458	0	35.1542	21.17656	13.97764	35.23821	1
1648.275	1648.659	980.6588	82.91	17.17	82.33	81.49	64.06266	0	35.93734	6.91257	29.02477	35.56149	4
1648.28	1648.664	980.6637	87.7	30.05	86.34	85.63	62.5839	0	37.4161	19.81386	17.60224	35.00313	4
1648.285	1648.669	980.6687	88.12	28.02	86.84	85.34	62.06876	0	37.93124	9.499967	28.43127	35.43496	4

1648.29	1648.674	980.6736	86.38	19.66	86	85.02	58.71768	1.193133	40.08919	17.9085	22.18068	35.70341	4
1648.295	1648.679	980.6786	88.98	44.62	89.24	90.38	45.32536	6.475411	48.19923	22.37543	25.8238	32.95693	4
1648.3	1648.683	980.6835	88.85	24.42	88.96	87.84	51.49586	4.447064	44.05708	23.91737	20.13971	34.46171	4
1648.305	1648.688	980.6884	88.56	20.58	88.77	89.2	51.91694	4.419976	43.66308	26.6467	17.01638	34.27708	4
1648.31	1648.693	980.6934	88.89	28.11	88.32	87.55	55.83608	2.090093	42.07383	28.16496	13.90887	35.12349	4
1648.315	1648.698	980.6983	90.91	55.72	90.28	89.11	47.76106	4.572678	47.66626	24.39413	23.27214	33.67071	4
1648.32	1648.703	980.7032	92.95	75.2	92.77	89.22	37.6826	8.945453	53.37195	19.9205	33.45145	32.88816	4
1648.325	1648.708	980.7082	87.96	48.59	86.29	84.53	60.26052	0	39.73948	14.23451	25.50497	34.79697	4
1648.33	1648.713	980.7131	84.09	21.08	83.44	83.11	62.57334	0	37.42666	14.66019	22.76647	35.72952	4
1648.335	1648.718	980.718	84.84	28.48	83.9	82.47	62.34004	0	37.65996	11.12996	26.53	35.60079	4
1648.34	1648.723	980.723	83.08	33.53	82.67	82.96	58.62964	0.846893	40.52347	11.43932	29.08415	35.07092	4
1648.345	1648.728	980.7279	80.37	9.34	80.15	79.24	65.50432	0	34.49568	17.50264	16.99304	35.40966	4
1648.35	1648.733	980.7329	80.45	12.46	80.2	79.71	64.90818	0	35.09182	6.634453	28.45737	35.36634	4
1648.355	1648.738	980.7378	80.78	17.46	80.77	82.45	61.53458	0.078384	38.38704	16.27573	22.11131	35.53653	4
1648.36	1648.743	980.7427	82.18	56.7	81.95	83.02	52.4555	2.616228	44.92827	18.27212	26.65615	33.46744	4
1648.365	1648.748	980.7477	83.87	62.28	82.39	79.02	59.23784	0	40.76216	22.87666	17.8855	35.37076	4
1648.37	1648.753	980.7526	83.51	46.93	82.84	79.04	57.00624	1.138582	41.85518	26.05106	15.80412	35.33504	4
1648.375	1648.758	980.7575	82.53	30.08	81.74	80.57	62.91554	0	37.08446	22.53211	14.55235	35.37968	4
1648.38	1648.762	980.7625	83.79	30.85	82.92	81.9	62.19	0	37.81	17.22427	20.58573	35.49642	4
1648.385	1648.767	980.7674	83.81	34.29	82.92	80.15	61.49412	0	38.50588	10.06056	28.44532	35.86735	4
1648.39	1648.772	980.7723	80.31	28.92	79.46	78.77	65.70366	0	34.29634	19.08573	15.21061	34.69322	4
1648.395	1648.777	980.7773	78.21	23.81	78.1	77.62	63.13728	0	36.86272	8.414552	28.44817	35.24338	4
1648.4	1648.782	980.7822	78.38	18.6	78.25	77.39	64.3967	0	35.6033	9.158332	26.44497	35.20734	4
1648.405	1648.787	980.7872	79.25	12.83	79	78.77	65.92264	0	34.07736	6.136912	27.94045	35.01005	4
1648.41	1648.792	980.7921	80.03	15.2	79.55	78.74	66.414	0	33.586	15.7694	17.8166	34.98748	4
1648.415	1648.797	980.797	83.85	87.67	81.55	80.14	59.46686	0	40.53314	17.31314	23.22	33.85094	9
1648.42	1648.802	980.802	92.63	258.14	86.33	83.13	41.13552	0	58.86448	15.89879	42.96569	26.35961	9
1648.425	1648.807	980.8069	90.17	96.37	88.23	88.45	48.75706	1.876424	49.36652	23.93278	25.43374	33.0798	9
1648.43	1648.812	980.8118	91.77	86.06	90.31	89.57	46.06008	3.451556	50.48836	26.59676	23.89161	33.12963	9
1648.435	1648.817	980.8168	93.53	163.54	90.18	83.04	40.33822	0.9365	58.72528	26.37013	32.35515	33.13659	9
1648.44	1648.822	980.8217	93.15	137.64	90.55	87.43	41.14312	2.354076	56.5028	24.03385	32.46895	32.66167	9
1648.445	1648.827	980.8266	92.48	132.59	90.1	87.45	41.27662	2.886711	55.83667	28.15387	27.6828	32.5616	9
1648.45	1648.832	980.8316	91.2	184.82	88.98	82.87	28.57456	6.917868	64.50757	39.34217	25.16541	31.88586	9
1648.455	1648.837	980.8365	90.95	187.12	88.39	86.15	30.88296	5.735545	63.3815	43.53224	19.84926	31.14864	9
1648.46	1648.841	980.8415	96.81	194.75	93.68	91.8	28.0628	3.755124	68.18208	33.53932	34.64275	31.67842	9
1648.465	1648.846	980.8464	94.7	156.47	91.59	89.96	39.11276	1.399878	59.48736	38.74373	20.74363	32.22704	9
1648.47	1648.851	980.8513	91.89	133.58	89.61	88	40.80484	3.301421	55.89374	34.69863	21.19511	32.25399	9
1648.475	1648.856	980.8563	95.76	197.81	90.92	86.51	41.54078	0	58.45922	18.16951	40.28971	27.69051	9
1648.48	1648.861	980.8612	93.17	230.1	88.81	82.89	32.3894	1.433781	66.17682	26.42141	39.75541	31.69309	9
1648.485	1648.866	980.8661	97.92	267.01	95.98	81.62	0.33218	14.99031	84.67751	84.67751	0	-9999	9
1648.49	1648.871	980.8711	93.98	204.71	90.49	83.45	31.04608	3.072757	65.88116	42.59492	23.28624	32.23822	9
1648.495	1648.876	980.876	95.1	134.31	92.66	88.39	38.91498	2.990316	58.0947	28.5706	29.52411	32.90326	9
1648.5	1648.881	980.881	100.74	167.75	97.29	90.15	33.4612	0	66.5388	25.47921	41.05959	33.21461	9
1648.505	1648.886	980.8859	108.76	217.51	106.41	98.31	5.51588	11.33468	83.14944	67.29412	15.85531	-9999	9
1648.51	1648.891	980.8908	115.2	312.66	114	111.92	0	34.85555	65.14445	65.14445	0	-9999	9
1648.515	1648.896	980.8958	114	397.72	109.63	96.49	0	1.457443	98.54256	98.54256	0	-9999	9
1648.52	1648.901	980.9007	113.75	391.66	109.67	99.86	0	4.445076	95.55492	95.55492	0	-9999	9
1648.525	1648.906	980.9056	112.62	332.72	110.04	100.98	0	17.49853	82.50147	82.50147	0	-9999	9
1648.53	1648.911	980.9106	108.51	298.52	104.35	95.8	0.16896	0.704382	99.12666	99.12666	0	-9999	9
1648.535	1648.916	980.9155	106.14	242.47	103.23	94.29	6.22596	7.901406	85.87263	65.39629	20.47634	-9999	9
1648.54	1648.92	980.9204	103.86	263.77	98.55	95.89	21.76896	0	78.23104	33.64058	44.59046	23.62972	9
1648.545	1648.925	980.9254	98.09	169.86	94.55	91.9	36.08608	0	63.91392	28.1892	35.72472	32.33679	9
1648.55	1648.93	980.9303	96.68	180.55	92.22	88.82	41.9263	0	58.0737	22.72768	35.34602	28.05953	9
1648.555	1648.935	980.9353	93.78	112.57	90.79	89.32	49.65296	0	50.34704	11.65719	38.68985	32.36576	9
1648.56	1648.94	980.9402	90.66	45.94	89.84	89.16	51.83032	3.020573	45.14911	20.28617	24.86294	34.29298	9
1648.565	1648.945	980.9451	91.94	62.24	90.65	89.15	50.35062	2.614404	47.03498	22.64734	24.38764	34.12825	9
1648.57	1648.95	980.9501	98.46	230.9	92.9	90.06	36.629	0	63.371	18.56222	44.80878	23.71546	9
1648.575	1648.955	980.955	106.91	357.14	103.82	88.04	0	14.13242	85.86758	85.86758	0	-9999	9
1648.58	1648.96	980.9599	110.87	528.31	112.02	81.83	0	72.72628	27.27372	27.27372	0	-9999	9
1648.585	1648.965	980.9649	104.51	507	95.39	82.86	0	0	100	100	0	-9999	9
1648.59	1648.97	980.9698	95.49	274.72	89.88	85.04	29.14446	0	70.85554	36.53823	34.31731	29.18177	9
1648.595	1648.975	980.9747	89.59	61.66	88.65	84.66	49.94048	3.204263	46.85526	29.08058	17.77467	34.37477	9
1648.6	1648.98	980.9797	88.12	42.64	87.23	84.27	55.50822	1.60102	42.89076	26.40067	16.49009	35.24782	9
1648.605	1648.985	980.9846	87.64	40.57	86.39	84.68	59.24076	0.048829	40.71041	17.46504	23.24537	35.73758	9
1648.61	1648.99	980.9896	94.9	170.45	90.11	87.77	48.5656	0	51.4344	29.46198	21.97242	26.52584	9
1648.615	1648.994	980.9945	107.33	369.59	97.82	92.78	25.51812	0	74.48188	41.47309	33.00879	-9999	9
1648.62	1648.999	980.9994	114.75	305.6	111.82	112.57	0	11.66618	88.33382	88.33382	0	-9999	9
1648.625	1649.004	981.0044	124.93	273.85	128.15	133.76	0	100	0	0	0	-9999	9
1648.63	1649.009	981.0093	124.63	379.17	128.88	134.41	0	100	0	0	0	-9999	9
1648.635	1649.014	981.0142	127.28	298.77	131.14	135.08	0	100	0	0	0	-9999	9
1648.64	1649.019	981.0192	129.03	297.15	133.04	137.14	0	100	0	0	0	-9999	9
1648.645	1649.024	981.0241	128.04	300.21	131.92	137.96	0	100	0	0	0	-9999	9
1648.65	1649.029	981.029	123.42	317.25	126.88	135.9	0	100	0	0	0	-9999	9

1648.655	1649.034	981.034	126.24	273.48	127.67	134.89	0	100	0	0	0	-9999	9
1648.66	1649.039	981.0389	124.86	233.64	127.06	130.98	0	100	0	0	0	-9999	9
1648.665	1649.044	981.0439	126.76	210.71	128.8	131.57	0	100	0	0	0	-9999	10
1648.67	1649.049	981.0488	131.69	193.38	133.55	137.22	0	100	0	0	0	-9999	10
1648.675	1649.054	981.0537	133.17	165.72	134.74	138.21	0	100	0	0	0	-9999	10
1648.68	1649.059	981.0587	131.32	151.93	132.15	134.63	0	100	0	0	0	-9999	10
1648.685	1649.064	981.0636	124.57	162.96	126.27	128.65	0	100	0	0	0	-9999	10
1648.69	1649.069	981.0685	123.37	207.46	126.39	131.33	0	100	0	0	0	-9999	10
1648.695	1649.073	981.0735	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1649.005	1649.38	981.3795	112.19	50.38	110.93	110	34.35824	13.40554	52.23622	19.09655	33.13967	32.41258	2
1649.01	1649.384	981.3845	107.15	66.38	106.23	106.06	32.48804	13.61074	53.90122	35.19974	18.70148	32.08871	2
1649.015	1649.389	981.3894	102.29	40.72	101.89	101.33	39.13896	12.02647	48.83457	16.85572	31.97885	32.72039	2
1649.02	1649.394	981.3943	103.52	66.4	102.64	101.71	35.5128	11.07943	53.40777	34.07936	19.32841	32.5211	2
1649.025	1649.399	981.3993	104.69	87.16	104.04	102.82	27.62998	15.2667	57.10332	31.79404	25.30928	31.92647	2
1649.03	1649.404	981.4042	100.21	63.39	99.2	97.39	40.29392	7.796083	51.91	24.10902	27.80098	33.17685	2
1649.035	1649.409	981.4092	95.32	72.15	93.71	92.59	47.3228	2.85967	49.81753	21.50528	28.31225	33.75601	2
1649.04	1649.414	981.4141	91.78	44.93	89.94	88.41	58.94934	0	41.05066	24.17936	16.8713	34.66343	2
1649.045	1649.419	981.419	91.69	54.61	89.82	88.33	56.92208	0	43.07792	14.88952	28.1884	34.8365	2
1649.05	1649.424	981.424	88.59	24.05	87.88	87.06	58.1796	1.171973	40.64843	27.31801	13.33042	35.61917	2
1649.055	1649.429	981.4289	94.69	100.5	92.06	88.71	48.9467	0	51.0533	28.84681	22.20649	33.90176	2
1649.06	1649.434	981.4338	101.26	111.25	99.96	96.02	29.9933	9.661499	60.3452	43.2633	17.0819	32.67529	9
1649.065	1649.439	981.4388	108.09	150.33	107.57	105.86	8.20734	24.04074	67.75192	58.13718	9.614745	32.2335	9
1649.07	1649.444	981.4437	110.12	153.25	108.91	103.59	10.9806	19.11007	69.90933	63.38093	6.528401	33.06604	9
1649.075	1649.449	981.4486	108.08	174.17	107.54	104.63	2.60226	25.44026	71.95748	68.26589	3.691589	-9999	9
1649.08	1649.454	981.4536	112.72	180.78	113.51	116.69	0	48.77283	51.22717	51.22717	0	-9999	9
1649.085	1649.459	981.4585	107.53	140.83	107.56	106.25	6.75904	28.18826	65.0527	56.49613	8.556578	-9999	9
1649.09	1649.463	981.4635	110	155.05	109.94	105.59	1.7429	31.64542	66.61168	66.61168	0	-9999	9
1649.095	1649.468	981.4684	116.51	122.73	117.12	117.92	0	51.25467	48.74533	48.74533	0	-9999	9
1649.1	1649.473	981.4733	119.8	98.63	120.37	121.33	1.49804	57.98633	40.51563	40.51563	0	-9999	9
1649.105	1649.478	981.4783	122.07	126.59	123.29	124.54	0	80.96482	19.03518	19.03518	0	-9999	9
1649.11	1649.483	981.4832	124.26	112.52	125.82	128.69	0	97.67256	2.327445	2.327445	0	-9999	9
1649.115	1649.488	981.4881	125.15	114.49	127.55	130.59	0	100	0	0	0	-9999	9
1649.12	1649.493	981.4931	125.74	100.06	126.99	130	0	96.15917	3.840833	3.840833	0	-9999	9
1649.125	1649.498	981.498	122.88	202.1	126.16	131.94	0	100	0	0	0	-9999	9
1649.13	1649.503	981.5029	110.57	359.99	114.24	121.47	0	93.56604	6.433963	6.433963	0	-9999	9
1649.135	1649.508	981.5079	107.21	453.75	110.74	105.67	0	86.30845	13.69155	13.69155	0	-9999	9
1649.14	1649.513	981.5128	99.19	519.33	88.49	80.29	5.99234	0	94.00766	76.51426	17.4934	-9999	9
1649.145	1649.518	981.5178	90.33	273.48	84.16	82.1	38.53174	0	61.46826	35.03401	26.43425	29.21123	9
1649.15	1649.523	981.5227	91.37	196.49	86	84.89	50.00652	0	49.99348	21.26133	28.73215	27.11447	9
1649.155	1649.528	981.5276	94.18	236.81	88.02	84.49	43.78638	0	56.21362	19.69486	36.51876	24.55012	9
1649.16	1649.533	981.5326	92.25	222.34	86.98	81.06	42.16622	0	57.83378	29.87888	27.9549	29.26514	9
1649.165	1649.538	981.5375	90.56	189.91	87.13	80.67	37.30908	2.719683	59.97124	36.92815	23.04309	32.08906	9
1649.17	1649.542	981.5424	81.93	44.55	80.8	78.63	62.6008	0	37.3992	11.92671	25.47249	35.0942	9
1649.175	1649.547	981.5474	83.3	60.05	81.84	79.55	60.1469	0	39.8531	23.02054	16.83256	35.05598	9
1649.18	1649.552	981.5523	83.25	50.51	82.18	80.83	59.47908	0.173997	40.34692	12.31315	28.03378	35.25892	9
1649.185	1649.557	981.5573	89.53	113.45	86	83.53	57.535	0	42.465	21.9364	20.5286	31.03673	9
1649.19	1649.562	981.5622	100.72	147.99	99.55	92.63	20.59152	12.73408	66.6744	32.77591	33.89849	32.92421	9
1649.195	1649.567	981.5671	106.01	187.16	105.78	107.11	0	26.98272	73.01728	73.01728	0	-9999	9
1649.2	1649.572	981.5721	110.52	168.04	109.88	103.71	2.61592	26.72084	70.66324	67.33014	3.333103	-9999	9
1649.205	1649.577	981.577	115.7	199.67	116.85	113.8	0	62.85302	37.14698	37.14698	0	-9999	9
1649.21	1649.582	981.5819	111.92	221.82	110.04	107.55	0	17.64965	82.35035	82.35035	0	-9999	9
1649.215	1649.587	981.5869	109.33	189.41	106.23	100.33	17.60418	2.463624	79.9322	43.47488	36.45732	34.10356	9
1649.22	1649.592	981.5918	111.46	152.19	109.39	107.39	16.66932	10.62714	72.70354	53.10155	19.60199	32.85043	9
1649.225	1649.597	981.5967	112.16	176.64	112.02	110.83	0	35.43462	64.56538	64.56538	0	-9999	9
1649.23	1649.602	981.6017	111.5	226.27	111.37	107.17	0	37.88198	62.11802	62.11802	0	-9999	9
1649.235	1649.607	981.6066	109.95	305.21	106.78	96.78	0	9.536575	90.46343	90.46343	0	-9999	9
1649.24	1649.612	981.6116	104.56	334.88	98.44	88.44	10.19384	0	89.80616	53.36434	36.44182	24.27109	7
1649.245	1649.616	981.6165	102.24	317.75	94.53	89	28.7962	0	71.2038	25.98132	45.22248	12.24999	7
1649.25	1649.621	981.6214	96.74	180.63	93.02	89.88	36.11674	0	63.88326	22.67826	41.205	32.28434	7
1649.255	1649.626	981.6264	94.09	84.41	92.56	90.04	44.86748	3.704891	51.42763	31.63096	19.79667	33.48466	7
1649.26	1649.631	981.6313	94.86	137.04	92.26	87.22	39.71512	2.408495	57.87639	23.81165	34.06473	33.06984	7
1649.265	1649.636	981.6362	94.7	179.68	91.63	88.96	33.18594	3.145679	63.66838	29.35037	34.31801	31.8187	7
1649.27	1649.641	981.6412	95.89	169.01	92.39	88.08	38.00578	0.341342	61.65288	22.77379	38.87909	32.69423	7
1649.275	1649.646	981.6461	92.92	149.68	89.57	86.39	44.25354	0.064106	55.68235	23.22294	32.45942	32.85616	7
1649.28	1649.651	981.651	89.95	59.26	88.69	88.18	52.67008	1.921867	45.40805	27.68691	17.72114	34.21413	7
1649.285	1649.656	981.656	90.55	78.34	89.15	89.11	48.58572	2.833787	48.58049	27.41936	21.16113	33.32541	7
1649.29	1649.661	981.6609	93.7	151.18	90.35	87.18	43.17294	0.084253	56.74281	15.07046	41.67235	32.82345	7
1649.295	1649.666	981.6659	95.55	238.2	90.35	86.41	34.7496	0	65.2504	24.37865	40.87175	28.45486	7
1649.3	1649.671	981.6708	102.06	393.61	95.52	83.44	1.53618	0	98.46382	98.46382	0	-9999	7
1649.305	1649.676	981.6757	105.83	551.46	96.08	87.55	0	0	100	100	0	-9999	7
1649.31	1649.681	981.6807	99.87	445.17	90.8	88.1	10.68096	0	89.31904	64.80458	24.51446	18.6674	7
1649.315	1649.686	981.6856	97.65	488.25	88.11	82.78	5.9405	0	94.0595	73.26519	20.79431	-9999	7
1649.32	1649.691	981.6905	91.14	283.75	86.32	81.06	24.8387	4.044206	71.11709	49.99459	21.12251	30.57201	7

1649.325	1649.695	981.6955	86.36	110.91	84.04	78.65	51.68858	1.096468	47.21495	13.64353	33.57143	33.97589	7
1649.33	1649.7	981.7004	84.64	103.04	82.61	81.5	52.92802	1.254656	45.81732	20.03223	25.7851	33.33343	7
1649.335	1649.705	981.7053	84	91.6	82.08	79.76	55.4328	0.715078	43.85212	29.19994	14.65218	34.08372	7
1649.34	1649.71	981.7103	83.81	41.97	82.35	80.53	64.05306	0	35.94694	6.568707	29.37823	34.57191	7
1649.345	1649.715	981.7152	84.21	64.08	82.76	81.89	58.25694	0.220579	41.52248	25.17305	16.34943	34.78314	7
1649.35	1649.72	981.7202	84.96	74.33	82.76	80.88	60.89894	0	39.10106	8.130925	30.97013	33.80493	7
1649.355	1649.725	981.7251	84.18	24.15	83.78	82.82	59.8101	0.616252	39.57365	18.58344	20.9902	35.73098	7
1649.36	1649.73	981.73	83.4	22.17	83.26	83.17	58.99186	0.977351	40.03079	22.4981	17.53269	35.40081	7
1649.365	1649.735	981.735	82.78	19.81	81.74	80.71	67.10838	0	32.89162	10.65237	22.23925	34.67675	7
1649.37	1649.74	981.7399	83.7	15.72	83.04	82.53	64.30676	0	35.69324	12.06884	23.6244	35.49463	7
1649.375	1649.745	981.7448	85.31	31.76	84.37	83.67	61.11388	0	38.88612	25.97166	12.91446	35.66494	7
1649.38	1649.75	981.7498	87.97	91.35	85.92	85.45	52.8484	0.814738	46.33686	23.1024	23.23446	33.67821	7
1649.385	1649.755	981.7547	86.81	24.51	86.73	86.67	54.82338	2.736177	42.44044	17.75605	24.68439	34.7452	7
1649.39	1649.76	981.7596	89.35	30.51	88.63	88.28	55.99458	1.861797	42.14362	14.27437	27.86925	35.06468	7
1649.395	1649.765	981.7646	93.19	69.53	91.92	87.96	47.28144	3.611011	49.10755	17.17127	31.93628	34.12753	8
1649.4	1649.77	981.7695	93.87	127.81	91.92	83.88	37.82208	4.638273	57.53965	39.67307	17.86658	33.41515	8
1649.405	1649.774	981.7745	94.81	236.38	90.43	85.17	29.51584	1.252101	69.23206	29.38074	39.85132	31.70909	8
1649.41	1649.779	981.7794	95.65	245.43	91.76	82.53	22.75544	3.75938	73.48518	41.28198	32.2032	32.51795	8
1649.415	1649.784	981.7843	96.24	277.2	92	81.24	17.2368	4.14765	78.61555	59.14698	19.46857	32.88354	8
1649.42	1649.789	981.7893	91.94	220.73	86.93	81.11	40.82604	0	59.17396	28.67608	30.49788	30.4068	8
1649.425	1649.794	981.7942	86.3	116.99	83.24	80.53	56.00742	0	43.99258	16.40563	27.58695	33.0678	8
1649.43	1649.799	981.7991	88.41	122.14	85.37	82.8	52.66492	0	47.33508	20.47276	26.86232	33.13476	8
1649.435	1649.804	981.8041	87.38	76.85	85.59	85.48	54.8852	0.615105	44.49969	27.11298	17.38671	34.09825	8
1649.44	1649.809	981.809	90.22	81.98	88.59	85.84	49.79094	2.097998	48.11106	26.07867	22.03239	33.93622	8
1649.445	1649.814	981.8139	94.27	93.9	92.8	88.35	41.9403	4.684508	53.37519	27.5267	25.84849	33.42635	8
1649.45	1649.819	981.8189	95.95	121.79	94.48	92.89	33.64532	7.123199	59.23148	34.50078	24.7307	32.12111	8
1649.455	1649.824	981.8238	95.42	162.17	93.41	91.18	28.54596	6.986362	64.46768	30.23523	34.23245	31.75797	8
1649.46	1649.829	981.8288	94.05	174.38	91.39	85.25	31.88904	4.616822	63.49414	29.61983	33.87431	32.36112	8
1649.465	1649.834	981.8337	91.83	139.35	89.07	84.11	43.1837	1.768004	55.0483	24.07046	30.97784	33.0343	8
1649.47	1649.839	981.8386	92.17	162.64	88.8	82.16	41.96222	0.936101	57.10168	29.38858	27.71309	33.01283	8
1649.475	1649.844	981.8436	91.4	169.73	86.9	82.76	49.71234	0	50.28766	11.77438	38.51328	29.64126	8
1649.48	1649.849	981.8485	90.74	169.31	86.41	84.41	49.10368	0	50.89632	11.25209	39.64423	30.10699	8
1649.485	1649.853	981.8534	87.01	131.89	84.08	82.88	50.74092	0.662289	48.59679	28.1891	20.40769	32.81423	8
1649.49	1649.858	981.8584	86.44	59.77	85.26	84.88	55.15586	1.263375	43.58076	28.89905	14.68172	34.36252	8
1649.495	1649.863	981.8633	87.94	33.03	87.04	86.11	58.07694	0.856469	41.06659	19.84872	21.21787	35.46714	8
1649.5	1649.868	981.8683	91.55	33.57	90.94	90.59	52.37756	3.450652	44.17179	28.87682	15.29497	34.47948	8
1649.505	1649.873	981.8732	95.04	57.07	93.76	91.07	48.67226	3.390505	47.93724	21.93984	25.9974	34.31651	8
1649.51	1649.878	981.8781	97.89	88.06	95.37	93.06	48.16068	0	51.83932	25.88883	25.95049	33.91785	8
1649.515	1649.883	981.8831	101.39	138.23	97.67	94.26	42.09954	0	57.90046	18.39794	39.50252	28.39367	8
1649.52	1649.888	981.888	108.24	193.37	106.93	99.75	3.77616	19.34827	76.87557	76.87557	0	-9999	8
1649.525	1649.893	981.8929	113.95	179.24	114.28	112	0	45.02258	54.97742	54.97742	0	-9999	8
1649.53	1649.898	981.8979	119.99	193.26	121.14	126.02	0	76.14693	23.85307	23.85307	0	-9999	8
1649.535	1649.903	981.9028	127.19	203.84	129.31	130.96	0	100	0	0	0	-9999	8
1649.54	1649.908	981.9077	130.49	234.32	133.72	136.61	0	100	0	0	0	-9999	8
1649.545	1649.913	981.9127	130	443.75	136.04	137.79	0	100	0	0	0	-9999	8
1649.55	1649.918	981.9176	124.9	676.88	134.41	123.48	0	100	0	0	0	-9999	8
1649.555	1649.923	981.9226	113.9	622.25	109.49	89.04	0	16.26156	83.73844	83.73844	0	-9999	8
1649.56	1649.927	981.9275	107.87	580.63	96.86	88.94	0	0	100	100	0	-9999	8
1649.565	1649.932	981.9324	105.14	428.11	98.06	90	0	0	100	100	0	-9999	8
1649.57	1649.937	981.9374	95.19	143.63	93.12	88.29	33.70924	5.398524	60.89224	30.76824	30.12399	32.5466	8
1649.575	1649.942	981.9423	94.1	129.05	91.55	86.59	41.9604	2.048938	55.99066	25.12878	30.86188	33.25657	8
1649.58	1649.947	981.9472	99.79	194.3	95.96	90.17	30.8551	0	69.1449	23.89859	45.24631	32.33734	8
1649.585	1649.952	981.9522	105.62	266.98	102.08	97.77	5.65544	4.729946	89.61461	80.7616	8.853017	-9999	8
1649.59	1649.957	981.9571	109.89	274.59	110.23	120.51	0	44.05368	55.94632	55.94632	0	-9999	8
1649.595	1649.962	981.962	110.7	277.12	111.33	128.33	0	49.06578	50.93422	50.93422	0	-9999	8
1649.6	1649.967	981.967	112.98	284.08	116.3	121.74	0	92.90308	7.09692	7.09692	0	-9999	8
1649.605	1649.972	981.9719	111.08	255.49	109.86	123.02	0	26.72409	73.27591	73.27591	0	-9999	8
1649.61	1649.977	981.9769	107.59	223.93	104.65	98.56	9.61114	6.356916	84.03194	70.53746	13.49448	34.26442	7
1649.615	1649.982	981.9818	106.06	253.34	102.76	92.02	6.69152	5.557181	87.7513	74.58513	13.16617	-9999	7
1649.62	1649.987	981.9867	102.65	223.22	97.92	93.26	28.20026	0	71.79974	27.04065	44.75909	26.24152	7
1649.625	1649.992	981.9917	99.8	147.38	96.5	92.09	38.09304	0	61.90696	34.71333	27.19363	32.51679	7
1649.63	1649.997	981.9966	95.43	74.05	93.51	91.33	49.1643	1.482486	49.35321	22.24711	27.1061	34.24639	7
1649.635	1650.002	982.0015	95.39	93.09	92.96	90.53	48.54592	0.283969	51.17011	28.8199	22.35021	34.07662	7
1649.64	1650.006	982.0065	95.28	70.24	93.8	92.43	46.81432	3.366199	49.81948	32.67753	17.14195	33.72438	7
1649.645	1650.011	982.0114	94.88	68.17	92.71	90.71	53.03076	0	46.96924	23.7179	23.25134	34.57621	7
1649.65	1650.016	982.0163	96.22	115.43	93.55	91.57	44.23604	0.685317	55.07864	35.20233	19.87632	33.32225	7
1649.655	1650.021	982.0213	95.77	102.1	93.04	89.59	48.3409	0	51.6591	12.06778	39.59132	33.49551	7
1649.66	1650.026	982.0262	94.93	69.5	93.31	91.16	48.4004	2.516364	49.08324	29.46487	19.61836	34.09571	7
1649.665	1650.031	982.0312	94.09	88.82	91.65	87.71	50.85276	0	49.14724	13.86387	35.28337	34.3819	7
1649.67	1650.036	982.0361	94.75	81.16	93	89.33	46.75178	2.625132	50.62309	17.32365	33.29944	34.03565	7
1649.675	1650.041	982.041	93.56	48.12	93.1	92.16	45.84476	6.124785	48.03046	25.62218	22.40827	33.52149	7
1649.68	1650.046	982.046	93.63	75.66	91.35	89.76	53.22068	0	46.77932	27.30703	19.47229	34.11204	7
1649.685	1650.051	982.0509	94.43	97.74	91.44	88.91	52.64382	0	47.35618	21.48682	25.86936	31.85183	7

1649.69	1650.056	982.0558	93.47	62.46	91.53	88.41	53.92728	0.192314	45.88041	15.79162	30.08878	35.17272	7
1649.695	1650.061	982.0608	92.61	30.09	91.92	90.88	52.86452	3.351094	43.78439	26.50836	17.27603	34.77411	7
1649.7	1650.066	982.0657	97.03	14.57	97.14	97.14	46.35396	9.238906	44.40713	29.83962	14.56751	33.62253	7
1649.705	1650.071	982.0706	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1650.01	1650.372	982.3718	95.52	70.23	94.28	89.67	44.73594	4.666416	50.59764	18.57945	32.01819	34.02821	7
1650.015	1650.377	982.3767	96.28	124.15	93.94	90.46	39.5131	2.923361	57.56354	37.49107	20.07247	32.9916	7
1650.02	1650.382	982.3816	94.26	143.75	91.33	81.71	41.2008	1.357854	57.44135	37.0352	20.40614	33.93453	7
1650.025	1650.387	982.3866	92.93	133.2	89.49	83.39	48.93	0	51.07	26.11552	24.95448	32.2131	7
1650.03	1650.392	982.3915	91.58	125.24	87.76	84.5	55.04332	0	44.95668	28.10613	16.85055	30.09906	7
1650.035	1650.396	982.3965	89.66	73.07	87.08	84.12	59.82486	0	40.17514	23.5614	16.61374	32.92011	7
1650.04	1650.401	982.4014	96.34	146.01	93.94	87.55	34.63278	4.104211	61.26301	25.74696	35.51605	32.99923	7
1650.045	1650.406	982.4063	90.6	119.28	86.32	84.74	60.95224	0	39.04776	26.21364	12.83412	28.36291	7
1650.05	1650.411	982.4113	88.8	41.26	86.77	85.76	64.05158	0	35.94842	6.258882	29.68954	33.44627	7
1650.055	1650.416	982.4162	89.74	49.39	88.06	86.65	58.50682	0	41.49318	15.30088	26.1923	35.01745	7
1650.06	1650.421	982.4211	90.58	55.59	88.35	87.06	60.49612	0	39.50388	8.816533	30.68735	33.31825	7
1650.065	1650.426	982.4261	90.34	50.65	89.12	88.82	54.0849	1.615299	44.2998	18.45526	25.84454	34.5369	7
1650.07	1650.431	982.431	88.37	30	87.41	86.12	58.8796	0.577843	40.54256	11.03106	29.5115	35.75659	7
1650.075	1650.436	982.4359	88.6	37.12	87.78	87.78	55.85996	1.650106	42.48993	17.54566	24.94427	34.85	7
1650.08	1650.441	982.4409	87.37	27.23	86.73	85.88	57.98994	1.185092	40.82497	29.61188	11.21309	35.47078	7
1650.085	1650.446	982.4458	86.38	16.29	85.73	84.59	61.62572	0.058434	38.31585	7.519938	30.79591	36.37471	7
1650.09	1650.451	982.4508	85.19	9.85	85.28	85.39	58.544	1.592403	39.8636	26.84357	13.02002	35.53519	9
1650.095	1650.456	982.4557	83.61	11.16	83.24	83.18	63.24558	0	36.75442	8.386195	28.36823	35.94605	9
1650.1	1650.461	982.4606	83.41	13.01	83.06	82.76	62.82688	0	37.17312	12.87321	24.29991	36.01719	9
1650.105	1650.466	982.4656	83.78	36.65	82.48	82.44	64.1281	0	35.8719	10.57983	25.29207	34.46037	9
1650.11	1650.471	982.4705	87.93	60.57	85.35	82.84	64.44146	0	35.55854	17.43812	18.12042	32.57741	9
1650.115	1650.475	982.4754	92.31	88.26	89.16	85.79	58.12838	0	41.87162	12.32876	29.54286	31.20669	9
1650.12	1650.48	982.4804	94.64	89.44	92.43	90.24	48.41422	0.984769	50.60101	16.73451	33.86651	33.95064	9
1650.125	1650.485	982.4853	99.19	119.23	98.96	104.31	21.67404	15.93978	62.38618	47.44266	14.94352	30.51087	9
1650.13	1650.49	982.4902	104.6	136.64	105.88	111.45	0.78112	35.34517	63.87371	63.87371	0	-9999	9
1650.135	1650.495	982.4952	107.32	109.05	107.98	109	9.7605	32.06073	58.17877	51.21719	6.961582	30.85959	9
1650.14	1650.5	982.5001	103.64	167.42	102.37	99.68	13.97806	14.9658	71.05614	57.53875	13.51739	32.44808	9
1650.145	1650.505	982.5051	105.33	143.09	104.23	103.15	16.99362	15.77682	67.22956	52.98047	14.24909	31.99651	9
1650.15	1650.51	982.51	108.98	115.44	109.44	113.27	8.23692	33.12675	58.63633	46.04787	12.58845	30.34284	9
1650.155	1650.515	982.5149	112.67	138.67	114.51	115.68	0	60.21389	39.78611	39.78611	0	-9999	9
1650.16	1650.52	982.5199	110.17	168.3	110.11	111.62	0	32.78888	67.21112	67.21112	0	-9999	9
1650.165	1650.525	982.5248	113.19	149.37	114.05	114.27	0	48.67344	51.32656	51.32656	0	-9999	9
1650.17	1650.53	982.5297	117.21	107.42	118.1	117.98	0	56.71892	43.28108	43.28108	0	-9999	9
1650.175	1650.535	982.5347	118.25	114.54	119.27	121.15	0	62.58037	37.41963	37.41963	0	-9999	9
1650.18	1650.54	982.5396	109.31	379.73	116.46	94.39	0	100	0	0	0	-9999	9
1650.185	1650.545	982.5446	89.51	355.62	82.82	75.27	23.43826	3.795569	72.76617	49.40168	23.36449	29.67621	9
1650.19	1650.549	982.5495	78.94	57.43	77.63	76.23	63.62964	0	36.37036	12.14937	24.22099	34.52015	9
1650.195	1650.554	982.5544	80.45	51.45	78.11	75.22	71.6701	0	28.3299	14.94514	13.38476	33.4005	9
1650.2	1650.559	982.5594	76	42.64	75.11	74.62	66.65862	0	33.34138	10.82373	22.51765	34.21963	9
1650.205	1650.564	982.5643	74.72	27.42	75.02	74.62	62.29696	0	37.70304	18.08549	19.61755	34.92613	9
1650.21	1650.569	982.5692	75.52	30.96	74.44	73.55	71.39928	0	28.60072	12.71176	15.88896	33.92668	9
1650.215	1650.574	982.5742	76.62	26.31	75.69	73.98	70.35008	0	29.64992	16.55885	13.09107	34.22415	9
1650.22	1650.579	982.5791	80.07	46.16	78.63	75.45	66.32488	0	33.67512	10.85383	22.82129	34.53145	9
1650.225	1650.584	982.584	84.37	113.67	81.05	77.26	60.60146	0	39.39854	17.9369	21.46164	32.75358	9
1650.23	1650.589	982.589	92.32	93.93	90.81	88.02	44.03704	3.924706	52.03825	26.04	25.99826	33.20989	10
1650.235	1650.594	982.5939	100.62	110.43	101.12	98	16.83054	21.68813	61.48133	31.85224	29.62909	32.00206	10
1650.24	1650.599	982.5989	106.52	117.17	106.93	109.76	10.46896	28.90325	60.62779	50.31256	10.31523	30.75427	10
1650.245	1650.604	982.6038	112.53	143.24	113.33	112.9	0	45.9501	54.0499	54.0499	0	-9999	10
1650.25	1650.609	982.6087	111.32	147.31	111.63	111.51	0	37.58081	62.41919	62.41919	0	-9999	10
1650.255	1650.614	982.6137	109.98	127.29	109.89	109.22	8.71172	29.40711	61.88117	51.8911	9.990065	31.44716	10
1650.26	1650.619	982.6186	114.77	139.56	115.31	117.27	0	47.11663	52.88337	52.88337	0	-9999	10
1650.265	1650.624	982.6235	119.19	145.96	119.7	123.09	0	58.30275	41.69725	41.69725	0	-9999	10
1650.27	1650.628	982.6285	122.21	117.93	122.76	123.16	0	66.46141	33.53859	33.53859	0	-9999	10
1650.275	1650.633	982.6334	123.23	146.35	124.33	125.62	0	84.33338	15.66662	15.66662	0	-9999	10
1650.28	1650.638	982.6383	123.28	147.46	124.33	126.86	0	83.46359	16.53641	16.53641	0	-9999	10
1650.285	1650.643	982.6433	123.79	144.34	124.55	125.89	0	78.56725	21.43275	21.43275	0	-9999	10
1650.29	1650.648	982.6482	127.03	138.58	128.13	129.86	0	100	0	0	0	-9999	10
1650.295	1650.653	982.6532	129.21	120.13	130	129.92	0	100	0	0	0	-9999	10
1650.3	1650.658	982.6581	132.7	110.79	133.35	134.27	0	100	0	0	0	-9999	10
1650.305	1650.663	982.663	132.34	124.81	133.86	136.41	0	100	0	0	0	-9999	10
1650.31	1650.668	982.668	132.81	112.32	134.1	132.45	0	100	0	0	0	-9999	10
1650.315	1650.673	982.6729	132.91	99.68	133.81	133.09	0	100	0	0	0	-9999	10
1650.32	1650.678	982.6778	132.65	105.61	133.77	135.62	0	100	0	0	0	-9999	10
1650.325	1650.683	982.6828	131.51	96.48	132.33	131.45	0	100	0	0	0	-9999	10
1650.33	1650.688	982.6877	131.22	85.13	131.96	131	0	100	0	0	0	-9999	10
1650.335	1650.693	982.6926	131.94	75.98	132.54	133.09	0	100	0	0	0	-9999	10
1650.34	1650.698	982.6976	131.21	87.79	132.03	131.86	0	100	0	0	0	-9999	10
1650.345	1650.703	982.7025	122.62	358.56	128.5	125.69	0	100	0	0	0	-9999	10
1650.35	1650.707	982.7075	112.8	558.87	122.01	129.18	0	100	0	0	0	-9999	10

1650.355	1650.712	982.7124	109.87	481.47	114.56	105.53	0	100	0	0	0	-9999	7
1650.36	1650.717	982.7173	101.62	416.38	93.71	84.13	7.04814	0	92.95186	63.4333	29.51856	-9999	7
1650.365	1650.722	982.7223	95.95	271.16	90.38	86.67	29.27278	0	70.72722	35.49369	35.23353	28.60206	7
1650.37	1650.727	982.7272	91.97	87.83	91.81	93.96	35.37274	9.320812	55.30645	20.89292	34.41352	31.52373	7
1650.375	1650.732	982.7321	91.98	81.98	94.45	98.23	16.39674	21.65149	61.95177	34.90366	27.04812	31.12178	7
1650.38	1650.737	982.7371	94.72	91.35	96.76	98.61	14.9409	23.30703	61.75207	46.90857	14.8435	31.35419	7
1650.385	1650.742	982.742	92.85	107.98	94.58	92.02	15.03934	20.56241	64.39825	53.93259	10.46566	32.2178	7
1650.39	1650.747	982.7469	94.03	193.46	95.35	81.13	0	25.3888	74.6112	74.6112	0	-9999	7
1650.395	1650.752	982.7519	90.94	218.4	90.49	88.1	6.9699	16.32555	76.70455	57.59223	19.11232	-9999	7
1650.4	1650.757	982.7568	86.02	163.17	83.22	73.62	43.07446	3.16675	53.75879	25.96533	27.79346	32.90904	7
1650.405	1650.762	982.7618	85.53	145.22	81.27	74.44	59.18416	0	40.81584	17.52957	23.28627	31.92168	7
1650.41	1650.767	982.7667	87.79	94.85	85.88	84.45	51.082	1.496376	47.42162	28.5085	18.91313	33.51094	7
1650.415	1650.772	982.7716	93.37	116.68	91.75	90.02	38.41804	5.263923	56.31804	22.41036	33.90768	32.3318	7
1650.42	1650.777	982.7766	107.09	291.08	106.61	109.2	0	32.85244	67.14756	67.14756	0	-9999	7
1650.425	1650.782	982.7815	115.87	379.01	119.8	127.78	0	100	0	0	0	-9999	7
1650.43	1650.786	982.7864	117.9	369.68	122.88	125.76	0	100	0	0	0	-9999	7
1650.435	1650.791	982.7914	110.78	459.17	114.74	83.28	0	100	0	0	0	-9999	8
1650.44	1650.796	982.7963	93.27	311.24	85.73	81.59	37.30652	0	62.69348	19.10799	43.58549	24.15661	8
1650.445	1650.801	982.8012	86.66	121.38	83.16	81.47	58.02384	0	41.97616	27.16492	14.81124	31.78919	8
1650.45	1650.806	982.8062	86.2	115.49	83.48	82.28	53.82742	0.187842	45.98474	12.03185	33.95288	33.43053	8
1650.455	1650.811	982.8111	83.22	37.52	82.33	80.35	61.25526	0	38.74474	9.282555	29.46218	35.64736	8
1650.46	1650.816	982.8161	84.77	55.91	83.41	81.65	59.02138	0.046583	40.93204	14.65294	26.2791	35.2561	8
1650.465	1650.821	982.821	84.35	43.44	83.19	82.67	60.87552	0	39.12448	6.904131	32.22035	35.14973	8
1650.47	1650.826	982.8259	85.63	76.21	83.2	82.12	61.61008	0	38.38992	25.71515	12.67477	33.14859	8
1650.475	1650.831	982.8309	84.39	48.42	82.71	81.88	63.66356	0	36.33644	7.215271	29.12117	34.11005	8
1650.48	1650.836	982.8358	84.96	36.83	84.3	83.39	58.03894	0.936857	41.0242	29.98417	11.04003	35.21682	8
1650.485	1650.841	982.8407	90.75	79.48	89.16	88.63	49.59834	2.210136	48.19152	29.52575	18.66577	33.55817	8
1650.49	1650.846	982.8457	93.56	118.46	91.16	85.3	43.85748	1.952789	54.18973	34.75003	19.4397	33.6588	8
1650.495	1650.851	982.8506	97.02	128.85	97.02	83.28	19.5599	16.29729	64.14281	42.92169	21.22112	34.00991	8
1650.5	1650.856	982.8556	95.16	153.42	92.69	82.76	34.46766	4.144117	61.38822	32.43015	28.95807	33.46379	8
1650.505	1650.86	982.8605	94.24	139.86	88.17	86.83	66.49558	0	33.50442	20.6308	12.87362	20.79038	8
1650.51	1650.865	982.8654	89.8	49.28	87.9	87.18	60.18324	0	39.81676	22.92041	16.89635	34.11493	8
1650.515	1650.87	982.8704	87.36	13.33	87.08	86.55	58.57294	1.517056	39.91	18.89745	21.01255	35.70176	8
1650.52	1650.875	982.8753	89.02	30.54	88.2	87.57	57.06592	1.357577	41.5765	11.26194	30.31457	35.29668	8
1650.525	1650.88	982.8802	91.57	27.01	91.06	90.32	53.17168	3.451622	43.3767	22.73968	20.63702	34.74295	8
1650.53	1650.885	982.8852	89.63	16.93	89.39	90.43	55.30334	2.955929	41.74073	31.41709	10.32364	34.82409	8
1650.535	1650.89	982.8901	90.36	25.73	89.59	88.41	56.60964	1.740635	41.64972	12.60748	29.04225	35.4354	8
1650.54	1650.895	982.895	89.77	27.24	88.95	88.22	57.17452	1.413627	41.41185	23.24476	18.1671	35.41685	8
1650.545	1650.9	982.9	88.83	24.93	88.29	88.18	56.42834	1.964613	41.60705	23.89618	17.71087	35.12939	7
1650.55	1650.905	982.9049	92.21	80.8	89.87	88.22	53.7482	0	46.2518	11.70878	34.54302	33.92208	7
1650.555	1650.91	982.9099	93.93	79.2	92.31	89.22	46.973	2.88702	50.13998	24.27324	25.86674	33.89799	7
1650.56	1650.915	982.9148	95.9	90.23	93.33	90.34	49.85384	0	50.14616	17.48396	32.6622	33.71235	7
1650.565	1650.92	982.9197	97.14	94.27	94.43	90.26	48.82036	0	51.17964	24.72991	26.44973	33.37729	7
1650.57	1650.925	982.9247	94.35	103.31	91.24	88.43	52.29948	0	47.70052	18.37855	29.32197	31.56938	7
1650.575	1650.93	982.9296	95.7	112.64	92	87.92	53.37212	0	46.62788	13.73861	32.88927	29.09369	7
1650.58	1650.935	982.9345	95.47	127.11	90.91	88.28	56.74698	0	43.25302	8.283008	34.97001	25.48884	7
1650.585	1650.939	982.9395	93.48	99.37	89.96	88.43	57.23086	0	42.76914	15.47977	27.28937	29.5274	7
1650.59	1650.944	982.9444	90.85	34.32	89.49	87.79	58.65256	0.107201	41.24024	23.89705	17.34319	35.89952	7
1650.595	1650.949	982.9493	92.45	38.38	91.23	88.78	55.11304	1.476526	43.41043	20.57587	22.83456	35.3842	7
1650.6	1650.954	982.9543	92.15	38.5	90.86	90.79	55.9025	1.079647	43.01785	16.70616	26.3117	35.08069	7
1650.605	1650.959	982.9592	94.13	46.15	93.96	95.12	43.5496	7.756299	48.6941	19.09551	29.59859	32.83891	7
1650.61	1650.964	982.9642	92.69	58.11	91.95	91.59	46.39758	5.051768	48.55065	15.75398	32.79667	33.37864	7
1650.615	1650.969	982.9691	90.88	37.04	90.53	89.16	50.13922	4.478261	45.38252	32.98872	12.3938	34.21873	7
1650.62	1650.974	982.974	91.6	39.96	91.28	88.2	48.53768	5.173162	46.28916	15.5924	30.69675	34.28743	7
1650.625	1650.979	982.979	91.25	55.42	89.26	85.06	58.06086	0	41.93914	7.874187	34.06495	34.80326	7
1650.63	1650.984	982.9839	94.88	138.19	91.1	85.36	48.56342	0	51.43658	15.74247	35.69411	30.37607	7
1650.635	1650.989	982.9888	93.35	83.2	91.88	89.16	45.3761	3.676943	50.94696	22.6279	28.31906	33.52959	7
1650.64	1650.994	982.9938	94.85	94.53	93.61	95.04	39.47174	6.045547	54.48271	22.50871	31.974	32.09917	7
1650.645	1650.999	982.9987	95.95	100.42	94.03	92.29	42.30436	3.380577	54.31506	20.30688	34.00818	33.0652	7
1650.65	1651.004	983.0036	97.77	140.62	94.99	90.27	37.56656	1.872766	60.56067	31.90784	28.65284	33.12777	7
1650.655	1651.009	983.0086	98.4	155.81	95.29	89.61	35.86848	1.119219	63.0123	34.01024	29.00206	33.18559	7
1650.66	1651.014	983.0135	96.69	154.6	93.44	88.27	38.8195	0.46268	60.71782	28.82456	31.89326	33.12259	7
1650.665	1651.018	983.0185	95.3	151.06	91.26	88.24	47.07748	0	52.92252	30.5115	22.41102	29.10077	7
1650.67	1651.023	983.0234	94.87	94.89	93.81	90.61	37.97122	6.973273	55.05551	37.55214	17.50337	32.80579	7
1650.675	1651.028	983.0283	95.49	75.26	94.37	92.94	42.61628	5.609111	51.77461	24.10547	27.66914	33.1243	7
1650.68	1651.033	983.0333	94.61	71.38	93.34	90.96	45.52734	4.244902	50.22776	16.98524	33.24251	33.65614	7
1650.685	1651.038	983.0382	95.46	136.48	92.89	90.94	39.06614	2.549086	58.38477	26.81316	31.57162	32.49782	7
1650.69	1651.043	983.0431	93.05	86.6	91.97	89.71	41.8068	5.577182	52.61602	25.13696	27.47906	32.96151	7
1650.695	1651.048	983.0481	86.67	44.06	86.13	86.55	53.78608	2.408056	43.80586	25.99729	17.80858	34.20281	7
1650.7	1651.053	983.053	83.99	41.61	83.02	81.22	60.17708	0.043564	39.77936	8.137361	31.64199	35.66179	7
1650.705	1651.058	983.0579	85.67	14.9	85.2	85.56	61.2203	0.30431	38.47539	20.90779	17.5676	35.98507	7
1650.71	1651.063	983.0629	82.68	31.73	82.81	82.65	55.24824	2.131601	42.62016	16.33	26.29016	34.54408	9
1650.715	1651.068	983.0678	84.26	30.96	83.83	84.09	58.32098	1.012809	40.66621	18.33468	22.33153	35.10256	9

1650.72	1651.073	983.0728	84.98	47.07	84.48	83.92	54.30246	2.134151	43.56339	30.87758	12.68581	34.33533	9
1650.725	1651.078	983.0777	85.24	56.38	84.69	85.14	52.19774	2.694991	45.10727	25.99909	19.10818	33.69279	9
1650.73	1651.083	983.0826	86.02	65.31	85.28	82.73	50.79158	2.948795	46.25963	15.74783	30.5118	33.95499	9
1650.735	1651.088	983.0876	84.15	61.37	83.16	82.84	55.40296	1.360681	43.23636	25.70018	17.53618	34.20338	9
1650.74	1651.093	983.0925	83.46	47.92	82.51	81.1	58.98266	0.389381	40.62796	10.9401	29.68786	35.21855	9
1650.745	1651.097	983.0974	82.12	41.97	81.5	81.3	59.09786	0.537796	40.36434	13.15686	27.20748	35.03265	9
1650.75	1651.102	983.1024	82.66	57.23	81.69	82.3	57.62064	0.761116	41.61824	22.51227	19.10597	34.38512	9
1650.755	1651.107	983.1073	83.24	63.15	82.18	81.79	56.3519	1.052755	42.59535	20.33015	22.2652	34.28689	9
1650.76	1651.112	983.1122	82.18	124.17	82.54	81.58	31.55526	8.824729	59.62001	29.18102	30.43899	31.16826	9
1650.765	1651.117	983.1172	83.03	84.54	83.14	83.32	42.30122	5.778658	51.92012	17.45813	34.46199	32.06741	9
1650.77	1651.122	983.1221	83.12	89.53	83.63	85.2	37.91084	7.341869	54.74729	38.79146	15.95584	31.45534	9
1650.775	1651.127	983.1271	83.36	165.63	84.09	86	17.56884	13.2636	69.16756	43.74684	25.42072	30.62486	9
1650.78	1651.132	983.132	84.14	79.65	83.75	83.53	46.3384	4.378765	49.28284	27.75792	21.52491	32.64667	9
1650.785	1651.137	983.1369	84.46	90.19	84.1	81.77	43.26082	5.295372	51.44381	19.88649	31.55732	32.59035	9
1650.79	1651.142	983.1419	83.33	104.4	83.32	81.46	38.1491	6.885107	54.96579	26.22303	28.74276	31.8754	9
1650.795	1651.147	983.1468	85.51	102.22	84.96	85.39	40.85606	5.882827	53.26111	22.60499	30.65613	31.76342	9
1650.8	1651.152	983.1517	89.97	108.33	88.96	90.92	38.83924	6.214519	54.94624	30.69149	24.25475	31.51442	10
1650.805	1651.157	983.1567	94.19	109.41	93.28	93.77	33.92048	8.394439	57.68508	31.6081	26.07698	31.68873	10
1650.81	1651.162	983.1616	95.66	126.59	94.02	91.74	34.06802	6.4854	59.44658	22.99864	36.44794	32.22144	10
1650.815	1651.167	983.1665	91.81	117.95	91.23	93.02	31.4859	9.3982	59.1159	41.15603	17.95987	31.146	10
1650.82	1651.171	983.1715	88.76	120.41	88.05	89.72	34.70408	7.740709	57.55521	27.25131	30.3039	31.11334	10
1650.825	1651.176	983.1764	86.85	105.11	86.41	84.96	38.07138	6.940566	54.98805	21.90126	33.08679	31.95363	10
1650.83	1651.181	983.1814	84.26	119.92	83.24	82.47	41.36516	5.253116	53.38172	19.12695	34.25477	31.67664	10
1650.835	1651.186	983.1863	80.4	93.39	80.02	78.61	46.37662	4.136993	49.48639	17.56639	31.92	32.43191	10
1650.84	1651.191	983.1912	81.74	88.24	81.29	80.71	46.93262	4.00614	49.06124	19.16547	29.89577	32.50239	10
1650.845	1651.196	983.1962	81.51	72.69	81.35	80.59	48.65982	3.659235	47.68094	29.88043	17.80051	32.98259	5
1650.85	1651.201	983.2011	79.89	53.27	80.69	79.37	47.40986	4.254426	48.33571	32.36067	15.97505	33.21734	5
1650.855	1651.206	983.206	77.89	51.67	77.79	78.2	56.61206	1.256815	42.13112	14.1306	28.00053	34.06439	5
1650.86	1651.211	983.211	76.19	43.67	75.37	76.37	65.69206	0	34.30794	15.897	18.41094	34.05438	5
1650.865	1651.216	983.2159	74.55	31.71	74.45	75.17	64.51518	0	35.48482	10.06456	25.42026	34.32918	5
1650.87	1651.221	983.2209	75.97	21.93	76.14	76.47	63.48304	0	36.51696	21.69714	14.81982	34.82389	5
1650.875	1651.226	983.2258	80.5	68.31	80.73	80.71	47.62648	4.034918	48.3386	24.45867	23.87993	32.75806	5
1650.88	1651.231	983.2307	90.58	112.4	88.32	82.28	46.9806	1.802854	51.21655	15.67705	35.53949	33.83058	5
1650.885	1651.236	983.2357	91.65	63.51	90.38	89.18	50.15508	2.691987	47.15293	33.09535	14.05758	33.98975	5
1650.89	1651.241	983.2406	84.24	13.73	83.83	83.18	62.35404	0	37.64596	12.12316	25.5228	36.22283	5
1650.895	1651.246	983.2455	80.26	24.21	80.31	79.83	59.91448	0.509408	39.57611	18.41432	21.16179	35.44898	5
1650.9	1651.25	983.2505	78.86	29.87	78.07	76	66.34276	0	33.65724	22.16693	11.49031	34.78645	5
1650.905	1651.255	983.2554	81.35	34.81	80.86	80.9	60.53148	0.178033	39.29049	12.20607	27.08441	35.34172	5
1650.91	1651.26	983.2603	80.32	26.2	80.04	79.76	61.9352	0	38.0648	16.54736	21.51744	35.53978	5
1650.915	1651.265	983.2653	80.53	37.63	79.63	77.29	63.78094	0	36.21906	19.37115	16.84791	35.11986	5
1650.92	1651.27	983.2702	81.03	46.21	80.12	79.25	61.32208	0	38.67792	18.00857	20.66935	35.14394	5
1650.925	1651.275	983.2752	81.88	62.2	80.89	80.15	57.2905	0.856815	41.85269	30.42244	11.43025	34.43614	5
1650.93	1651.28	983.2801	83.54	71.71	82.26	80.55	55.70938	1.082252	43.20837	29.90495	13.30342	34.29888	5
1650.935	1651.285	983.285	82.85	75.49	82.04	81.45	51.78692	2.482675	45.73041	31.44373	14.28668	33.37973	5
1650.94	1651.29	983.29	85.4	76.75	84.69	84.15	48.361	3.616333	48.02267	32.15597	15.8667	33.05389	5
1650.945	1651.295	983.2949	83.26	137.89	83.12	81.53	31.11642	8.736268	60.14731	36.6675	23.47982	31.10759	5
1650.95	1651.3	983.2998	88.81	180.62	87.88	88.98	21.79226	11.00186	67.20588	50.2531	16.95278	30.52523	10
1650.955	1651.305	983.3048	92.73	277.3	91.24	90.89	0	16.50572	83.49428	83.49428	0	-9999	10
1650.96	1651.31	983.3097	91.72	209.84	90.41	89.62	14.98882	12.42286	72.58832	45.22398	27.36435	31.19132	10
1650.965	1651.315	983.3146	93.77	193.86	92.41	89.68	17.35748	11.78641	70.85611	53.4428	17.41331	31.66258	10
1650.97	1651.32	983.3196	90.69	214.49	90.37	91.27	7.13862	16.48797	76.37341	58.96847	17.40494	-9999	10
1650.975	1651.325	983.3245	92.07	185.59	91.37	89.74	15.80782	13.55481	70.63737	44.90584	25.73153	31.51407	10
1650.98	1651.329	983.3295	93.72	178.93	92.57	91.68	19.38904	11.74339	68.86757	53.75423	15.11333	31.32219	10
1650.985	1651.334	983.3344	93.06	172.19	92.22	89.77	19.22482	12.45979	68.31539	48.8431	19.47228	31.62353	10
1650.99	1651.339	983.3393	91.23	166.88	89.88	88.27	26.14594	9.207134	64.64693	44.13195	20.51498	31.22089	10
1650.995	1651.344	983.3443	92.95	190.25	90.08	83	30.688	4.767022	64.54498	28.12793	36.41704	32.21277	10
1651	1651.349	983.3492	92.1	144.56	90.11	88	35.70698	5.262821	59.0302	33.87492	25.15528	31.85075	10
1651.005	1651.354	983.3541	87.14	131.27	85.72	86.17	39.06886	5.470464	55.46068	33.47924	21.98144	31.32864	10
1651.01	1651.359	983.3591	85.51	125.13	85.02	84.45	34.84684	7.622226	57.53093	30.69699	26.83395	31.29193	10
1651.015	1651.364	983.364	84.68	145.89	83.76	83.02	33.91902	7.41725	58.66373	29.66486	28.99887	30.93788	10
1651.02	1651.369	983.3689	82.91	112.38	80.93	80.57	51.87184	1.825666	46.30249	16.86875	29.43374	32.71877	10
1651.025	1651.374	983.3739	81.6	87.27	79.77	76.96	57.99116	0.358942	41.6499	29.10697	12.54293	34.46785	10
1651.03	1651.379	983.3788	84.58	114.07	83.47	85.09	43.18396	4.67256	52.14348	32.55841	19.58507	31.49072	10
1651.035	1651.384	983.3838	85.66	122.42	85.03	87.09	36.44966	7.040567	56.50977	24.92314	31.58663	30.91569	10
1651.04	1651.389	983.3887	87.2	121.53	86.35	86.86	36.95324	6.761414	56.28535	34.44528	21.84007	31.32908	10
1651.045	1651.394	983.3936	85.86	130.57	84.89	84.83	36.92836	6.561438	56.5102	35.42755	21.08265	31.22309	10
1651.05	1651.399	983.3986	83.45	106.95	83.07	85.27	40.2891	6.013263	53.69764	29.33627	24.36137	31.21122	10
1651.055	1651.404	983.4035	85.45	79.61	84.63	84.27	48.47538	3.477061	48.04756	28.28424	19.76332	32.99488	10
1651.06	1651.408	983.4084	86.27	85.94	85.17	83.77	48.35912	3.244699	48.39618	30.88225	17.51393	33.13324	10
1651.065	1651.413	983.4134	86.96	83.29	85.69	85.39	49.68312	2.688263	47.62862	30.92121	16.70741	33.19022	10
1651.07	1651.418	983.4183	86.58	82.02	85.34	83.57	50.10756	2.605305	47.28713	18.55845	28.72869	33.51095	10
1651.075	1651.423	983.4232	88.28	99.02	86.83	84.7	46.05706	3.458113	50.48483	25.72212	24.76271	32.95462	10
1651.08	1651.428	983.4282	87.4	103.91	85.96	83.67	45.60578	3.616427	50.77779	18.04935	32.72844	32.80144	10

1651.085	1651.433	983.4331	87.24	83.69	86.11	85.25	48.24372	3.261232	48.49505	18.62281	29.87223	33.11565	10
1651.09	1651.438	983.4381	86.89	84.35	85.76	84.98	48.406	3.208424	48.38558	33.16302	15.22255	33.08896	10
1651.095	1651.443	983.443	88.02	96.25	86.63	86.25	46.5016	3.418625	50.07977	35.07536	15.00442	32.69999	10
1651.1	1651.448	983.4479	86.63	74.85	85.93	84.94	47.6117	3.930004	48.4583	32.51235	15.94594	33.14099	10
1651.105	1651.453	983.4529	86.48	85.91	85.96	86.16	43.67818	5.23013	51.09169	23.4188	27.67289	32.32688	10
1651.11	1651.458	983.4578	87.02	85.12	86.62	85.8	42.44256	5.797647	51.75979	19.21451	32.54528	32.43692	10
1651.115	1651.463	983.4627	87.86	83.34	86.86	85.74	46.75052	3.871909	49.37757	25.7519	23.62567	33.02172	10
1651.12	1651.468	983.4677	85.79	77.42	85.33	84.66	45.90256	4.601039	49.4964	22.63187	26.86453	32.79952	10
1651.125	1651.473	983.4726	86.11	80.06	85.05	83.27	49.61928	2.933329	47.44739	20.01095	27.43644	33.44106	10
1651.13	1651.478	983.4775	85.92	93.67	85.03	84.33	45.18296	4.345257	50.47178	17.60087	32.87091	32.50313	10
1651.135	1651.482	983.4825	86.94	79.33	85.72	84.33	50.27234	2.58248	47.14518	21.8529	25.29228	33.52644	10
1651.14	1651.487	983.4874	87.53	86.88	86.45	84.74	46.81744	3.7313	49.45126	32.94276	16.5085	33.07104	10
1651.145	1651.492	983.4924	90.2	119.18	88.68	85	39.95444	5.028737	55.01682	37.84889	17.16794	32.53961	10
1651.15	1651.497	983.4973	92.35	169.91	90.06	87.5	31.66728	5.765402	62.56732	38.20581	24.3615	31.53148	10
1651.155	1651.502	983.5022	90.9	116.58	90.23	88.8	33.35214	8.508973	58.13889	35.56528	22.57361	31.77887	10
1651.16	1651.507	983.5072	91.07	94.46	90.76	88.62	35.75878	8.620855	55.62036	24.87996	30.7404	32.2467	10
1651.165	1651.512	983.5121	88.97	86.85	88.51	86.05	40.6949	6.508588	52.79651	37.36138	15.43513	32.65798	10
1651.17	1651.517	983.517	90.2	106.53	89.93	88.7	33.32824	9.164015	57.50775	39.67123	17.83651	31.8041	10
1651.175	1651.522	983.522	89.82	119.76	89.35	90.8	32.02618	9.065391	58.90843	40.9972	17.91123	31.11257	10
1651.18	1651.527	983.5269	88.48	93.25	88.79	89.63	33.6294	9.669118	56.70148	21.58434	35.11715	31.51304	10
1651.185	1651.532	983.5319	87.52	126.72	86.84	89.04	34.08536	7.814719	58.09992	25.85327	32.24665	30.84169	10
1651.19	1651.537	983.5368	84.43	140.04	83.91	84.74	32.46472	8.159943	59.37534	26.08377	33.29157	30.69565	10
1651.195	1651.542	983.5417	81.32	129.65	80.43	78.76	40.7078	5.536479	53.75572	32.8587	20.89702	31.4368	10
1651.2	1651.547	983.5467	78.79	68.26	78.3	77.04	54.79178	1.73565	43.47257	30.20648	13.26609	33.81579	10
1651.205	1651.552	983.5516	77.24	89.89	76.69	75.51	51.44832	2.685638	45.86604	20.58287	25.28318	32.82114	10
1651.21	1651.557	983.5565	74.59	54.15	73.73	73.37	64.9379	0	35.0621	18.77608	16.28602	34.27805	10
1651.215	1651.561	983.5615	76.5	53.98	75.26	74.24	66.16684	0	33.83316	17.55565	16.27751	34.2185	10
1651.22	1651.566	983.5664	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1651.225	1651.571	983.5713	104.01	113.21	104.21	104.75	15.36398	23.44121	61.19481	38.5524	22.64241	31.25042	10
1651.23	1651.576	983.5763	101.04	150.83	99.9	98.84	19.37734	13.30227	67.32039	38.71368	28.60671	31.8461	10
1651.235	1651.581	983.5812	104.63	156.57	104.03	103.16	10.50046	20.31592	69.18362	50.57422	18.6094	32.08775	10
1651.24	1651.586	983.5862	105.45	136.16	105.46	104.46	9.95778	25.0584	64.98382	49.23094	15.75288	31.83059	10
1651.245	1651.591	983.5911	104.76	117.47	104.66	103.45	15.96806	22.03888	61.99306	45.64322	16.34985	31.62798	10
1651.25	1651.596	983.596	101.7	123.38	101.21	100.04	20.37554	16.45096	63.1735	34.94501	28.22849	31.75277	10
1651.255	1651.601	983.601	100.49	109.42	99.94	99.3	25.33206	14.15404	60.5139	28.60123	31.91268	31.71203	10
1651.26	1651.606	983.6059	98.79	107.8	98.62	98.85	24.3431	15.23448	60.42242	27.71777	32.70465	31.47004	10
1651.265	1651.611	983.6108	98.1	107.39	98.12	98.06	23.60462	15.83826	60.55712	38.93432	21.6228	31.49532	10
1651.27	1651.616	983.6158	97	100.28	97	96.74	26.49224	14.35323	59.15453	36.59731	22.55723	31.59593	10
1651.275	1651.621	983.6207	97.38	139.93	96.76	93.22	21.35234	13.68041	64.96725	36.83261	28.13464	32.10806	10
1651.28	1651.626	983.6256	97.01	146.53	96.75	94.29	17.30554	15.96755	66.72691	51.47523	15.25168	31.95977	10
1651.285	1651.631	983.6306	94.2	129.89	94.66	95.72	18.33762	16.68787	64.97451	48.45919	16.51532	31.27462	10
1651.29	1651.636	983.6355	93.58	119.29	93.49	92.2	25.73572	12.74313	61.52115	45.38904	16.13211	31.64273	10
1651.295	1651.64	983.6405	94.56	109.76	94.37	93.1	27.91538	12.22183	59.86279	38.01816	21.84463	31.75121	10
1651.3	1651.645	983.6454	94.67	102.55	94.68	94.46	28.009	12.84484	59.14616	36.98203	22.16413	31.59187	10
1651.305	1651.65	983.6503	93.56	101.17	93.6	93.69	29.13166	12.14832	58.72002	37.16231	21.55771	31.55195	10
1651.31	1651.655	983.6553	90.9	78.79	91.26	92.29	34.51482	10.37589	55.10929	29.88534	25.22395	31.71331	10
1651.315	1651.66	983.6602	91.91	77.34	92.12	92.61	35.09902	10.2627	54.63828	34.38536	20.25293	31.87972	10
1651.32	1651.665	983.6651	91.65	91.43	91.96	93.41	31.15344	11.4999	57.34666	31.33576	26.01089	31.39346	10
1651.325	1651.67	983.6701	93.78	115.07	94.18	95.45	22.77546	15.05069	62.17385	28.74514	33.42872	31.19529	10
1651.33	1651.675	983.675	95.16	130.91	95.75	98.28	16.20008	18.25325	65.54667	40.61759	24.92908	31.08614	10
1651.335	1651.68	983.6799	95.95	107.29	96.91	101.91	18.32182	19.50045	62.17773	43.09207	19.08566	30.58153	10
1651.34	1651.685	983.6849	94.7	104.73	94.41	95.73	29.77884	11.45592	58.76524	29.42699	29.33826	31.36195	10
1651.345	1651.69	983.6898	91.31	90.07	91.32	90.17	34.12036	9.849349	56.03029	35.47163	20.55867	32.01155	10
1651.35	1651.695	983.6948	93.05	78.82	93.78	94.63	29.66206	13.68966	56.64828	22.48283	34.16545	31.53957	10
1651.355	1651.7	983.6997	93.57	83.42	94.59	98.45	25.82296	15.92779	58.24925	40.16132	18.08793	30.86082	10
1651.36	1651.705	983.7046	91.61	65.92	91.81	93.6	38.21616	9.252429	52.53141	35.23235	17.29906	31.95041	10
1651.365	1651.71	983.7096	88.02	85.46	87.75	86.67	40.43278	6.711857	52.85536	27.2167	25.63867	32.35147	10
1651.37	1651.715	983.7145	88.65	79.76	87.74	86.06	46.19258	4.213313	49.59411	26.06812	23.52599	33.14898	10
1651.375	1651.719	983.7194	89.36	75.8	88.78	87.68	43.9402	5.465093	50.59471	18.17832	32.41638	32.86621	10
1651.38	1651.724	983.7244	90.22	68.84	89.76	89.63	43.90332	5.850546	50.24613	25.68756	24.55857	32.79714	10
1651.385	1651.729	983.7293	89.52	57.8	89.23	88.82	45.9015	5.461795	48.63671	15.69295	32.94375	33.16947	10
1651.39	1651.734	983.7342	89.62	42.12	89.3	88.85	49.83656	4.331536	45.8319	31.54143	14.29048	33.89214	7
1651.395	1651.739	983.7392	91.96	61.51	90.14	88.16	54.61638	0.336836	45.04678	16.70259	28.34419	34.95192	7
1651.4	1651.744	983.7441	92.18	63.46	91.37	90.22	46.11458	4.872763	49.01266	25.15583	23.85683	33.40994	7
1651.405	1651.749	983.7491	91.31	57.05	90.82	90.87	45.9862	5.441013	48.57279	28.68556	19.88723	33.18106	7
1651.41	1651.754	983.754	93.03	55.72	91.42	89.86	53.40566	1.102648	45.49169	24.59907	20.89262	34.78677	7
1651.415	1651.759	983.7589	96.24	73.51	94.57	91.75	46.61228	2.921408	50.46631	18.17479	32.29152	34.00756	7
1651.42	1651.764	983.7639	91.7	58.52	90.4	86.04	51.54916	2.244642	46.2062	15.84667	30.35953	34.84766	7
1651.425	1651.769	983.7688	93.28	100.91	91.08	90.61	46.81218	1.608822	51.579	27.34675	24.23225	33.15823	7
1651.43	1651.774	983.7737	94.34	129.6	91.82	90.61	41.374	2.237877	56.38812	27.21742	29.1707	32.50797	7
1651.435	1651.779	983.7787	94.68	98.93	93.46	91.5	38.40834	6.375866	55.21579	26.1733	29.04249	32.5782	7
1651.44	1651.784	983.7836	97.35	154.97	95.7	93.35	25.72276	8.869891	65.40735	34.36912	31.03822	31.899	7
1651.445	1651.789	983.7885	97.09	157.85	93.71	91.69	38.6725	0	61.3275	21.4882	39.8393	32.55251	7

1651.45	1651.793	983.7935	100.34	149.33	98.84	92.78	23.17434	10.48337	66.34229	46.78472	19.55757	32.76838	7
1651.455	1651.798	983.7984	99.8	155.52	97.52	93.77	28.21816	5.890774	65.89107	37.55339	28.33767	32.48192	7
1651.46	1651.803	983.8034	97.02	159.24	93.76	87.41	37.47052	0.693182	61.8363	28.14469	33.69161	33.23055	7
1651.465	1651.808	983.8083	96.01	179.99	93.39	86	28.41822	5.278225	66.30356	46.70765	19.5959	32.65482	7
1651.47	1651.813	983.8132	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1651.815	1652.154	984.1538	78.37	24.86	78.67	79.8	59.55848	0.515885	39.92563	29.2711	10.65453	34.97424	7
1651.82	1652.159	984.1588	81.21	40.67	82.48	83.06	45.60216	5.312476	49.08536	33.92353	15.16183	32.92765	7
1651.825	1652.164	984.1637	85.56	53.23	86.54	88.61	40.80814	7.712545	51.47932	33.33898	18.14033	32.12538	7
1651.83	1652.169	984.1687	84.06	56.7	84.03	83.45	49.1759	3.895392	46.92871	17.58614	29.34257	33.38763	7
1651.835	1652.174	984.1736	82.51	41.19	82.62	82.95	53.27032	2.64536	44.08432	19.69734	24.38698	33.96845	7
1651.84	1652.179	984.1785	82.49	39.4	83.44	86.79	47.2119	4.965063	47.82304	18.89161	28.93143	32.63776	7
1651.845	1652.183	984.1835	76.64	37.84	76.93	78.73	58.08642	0.803922	41.10966	11.21408	29.89558	34.25205	7
1651.85	1652.188	984.1884	75.3	18.56	74.68	73.61	71.03748	0	28.96252	11.23119	17.73133	34.10573	7
1651.855	1652.193	984.1933	78.89	36.54	77.77	76.09	67.25852	0	32.74148	20.07213	12.66935	34.38924	7
1651.86	1652.198	984.1983	79.85	24.46	79.46	79.02	63.64118	0	36.35882	21.41297	14.94585	35.19115	7
1651.865	1652.203	984.2032	80.06	20.58	79.65	79.59	64.54194	0	35.45806	17.25147	18.20659	35.05149	7
1651.87	1652.208	984.2082	82.86	35.61	81.8	80.39	63.36618	0	36.63382	21.0264	15.60742	35.02719	7
1651.875	1652.213	984.2131	81.9	36.61	81.62	81.96	57.96238	1.029725	41.00789	16.92707	24.08082	34.79314	7
1651.88	1652.218	984.218	77.77	29.15	77.45	76.2	63.8773	0	36.1227	16.33961	19.78309	35.05827	7
1651.885	1652.223	984.223	75.91	32.1	75.39	75.13	66.4246	0	33.5754	18.68328	14.89212	34.32843	7
1651.89	1652.228	984.2279	77.74	44.5	76.41	75.06	68.0177	0	31.9823	9.936849	22.04545	34.10705	7
1651.895	1652.233	984.2328	77.67	46.21	76.22	74.77	68.59828	0	31.40172	10.97128	20.43044	34.02223	7
1651.9	1652.238	984.2378	78.74	52.85	76.66	76.04	70.8895	0	29.1105	15.36341	13.74709	33.34261	7
1651.905	1652.243	984.2427	80.32	68.98	77.82	77.68	68.78744	0	31.21256	22.12354	9.089019	32.91935	7
1651.91	1652.248	984.2476	80.68	59.48	78.59	77.98	67.57774	0	32.42226	22.94011	9.482149	33.37549	7
1651.915	1652.253	984.2526	81.75	59.42	80.03	79.47	63.74036	0	36.25964	17.43602	18.82362	33.99021	7
1651.92	1652.258	984.2575	81.33	62.52	80.04	76.21	60.04406	0	39.95594	8.650118	31.30582	35.44611	7
1651.925	1652.262	984.2625	81.95	66.04	80.69	76.76	58.38932	0.427212	41.18347	22.43854	18.74493	35.14877	7
1651.93	1652.267	984.2674	80.9	47.04	80.35	78.68	58.45082	0.720637	40.82854	20.5493	20.27924	35.01245	7
1651.935	1652.272	984.2723	80.17	36.73	79.55	79.27	62.15994	0	37.84006	22.32815	15.51191	35.13248	7
1651.94	1652.277	984.2773	80.69	30.46	81.25	83.33	54.05388	2.424019	43.5221	24.03912	19.48298	33.86952	7
1651.945	1652.282	984.2822	77.61	18.18	77.47	79.39	65.28424	0	34.71576	21.07708	13.63868	34.44678	7
1651.95	1652.287	984.2871	76.17	8.99	76.02	75.62	68.91052	0	31.08948	18.0571	13.03238	34.38687	7
1651.955	1652.292	984.2921	73.43	11.01	73.63	73.65	68.22998	0	31.77002	23.27633	8.493689	34.09543	7
1651.96	1652.297	984.297	73.41	11.86	73.48	73.21	69.05018	0	30.94982	7.954204	22.99562	34.06661	7
1651.965	1652.302	984.3019	74.74	12.9	75.35	76.39	63.3899	0	36.6101	25.3635	11.2466	34.66417	7
1651.97	1652.307	984.3069	75.51	21.25	76.52	76.96	57.5608	0.830009	41.60919	20.24539	21.3638	34.69869	7
1651.975	1652.312	984.3118	79.09	39.4	78.67	74.27	60.9574	0.028953	39.01365	26.19127	12.82237	36.01855	7
1651.98	1652.317	984.3168	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1652.025	1652.361	984.3615	79.14	15.07	79.29	78.5	62.38176	0	37.61824	10.85961	26.75863	35.76287	7
1652.03	1652.366	984.3664	82.06	51.95	82.01	81.37	52.3204	2.751534	44.92807	25.6109	19.31716	33.80644	7
1652.035	1652.371	984.3714	92.3	53.81	92.59	92.75	39.81448	9.306732	50.87879	31.72465	19.15414	32.49214	7
1652.04	1652.376	984.3764	97.8	78.03	97.11	98.82	36.48824	9.348396	54.16336	36.20435	17.95901	31.9396	7
1652.045	1652.381	984.3814	98.3	58.49	98.04	98.16	37.42442	10.96272	51.61286	22.33718	29.27567	32.34207	7
1652.05	1652.386	984.3864	94.55	84.75	94.92	94.92	29.637	13.44533	56.91767	35.50271	21.41496	31.66777	7
1652.055	1652.391	984.3913	95.9	174.85	96.18	91.74	7.2883	20.1175	72.5942	64.61374	7.98046	-9999	7
1652.06	1652.396	984.3963	95.26	107.73	96.13	97.57	19.54764	18.33679	62.11557	39.48135	22.63422	31.22026	7
1652.065	1652.401	984.4013	87.98	34.7	88.55	88.32	46.2435	6.42882	47.32768	19.57095	27.75673	33.37404	7
1652.07	1652.406	984.4063	83.39	29.63	82.7	80.24	61.45824	0	38.54176	18.20534	20.33642	36.01985	7
1652.075	1652.411	984.4113	83.4	59.79	80.32	79.33	72.67282	0	27.32718	8.123084	19.2041	31.81714	7
1652.08	1652.416	984.4162	85.25	102.84	82.36	77.16	59.08022	0	40.91978	14.55992	26.35986	33.55748	7
1652.085	1652.421	984.4212	86.11	98.6	85.77	78.45	39.5526	6.549736	53.89766	19.17914	34.71853	33.17287	7
1652.09	1652.426	984.4262	85.6	71.17	85.1	83.41	47.89986	3.979943	48.1202	33.6207	14.4995	33.29162	7
1652.095	1652.431	984.4312	84.84	60.05	85.02	84.45	46.0201	5.115275	48.86463	33.27171	15.59292	32.99072	7
1652.1	1652.436	984.4362	79.82	30.43	79.74	79.88	59.82154	0.457028	39.72143	12.92053	26.8009	35.17121	7
1652.105	1652.441	984.4411	80.84	51.66	80.35	80.67	56.92298	1.168664	41.90836	14.27034	27.63802	34.2891	7
1652.11	1652.446	984.4461	82.5	59.75	80.94	80.82	61.7305	0	38.2695	14.34923	23.92027	34.29677	7
1652.115	1652.451	984.4511	82.8	90.64	80.12	79.82	62.65912	0	37.34088	9.059331	28.28155	32.9298	7
1652.12	1652.456	984.4561	81.3	65.29	79.18	77.3	65.83382	0	34.16618	8.646543	25.51964	33.66633	7
1652.125	1652.461	984.4611	79.8	57	78.1	74.86	65.965	0	34.035	21.46233	12.57267	34.34264	7
1652.13	1652.466	984.466	79.71	48.51	78.83	79.69	61.74738	0	38.25262	17.647	20.60562	34.66869	7
1652.135	1652.471	984.471	79.46	11.18	79.93	80.28	60.54874	0.398231	39.05303	27.87432	11.17871	35.6067	7
1652.14	1652.476	984.476	79.48	11.12	79.22	78.9	66.20236	0	33.79764	14.00186	19.79578	35.00378	7
1652.145	1652.481	984.481	78.89	10.99	78.43	77.86	68.32662	0	31.67338	11.89207	19.78131	34.62699	7
1652.15	1652.486	984.486	77.86	13.76	77.45	76.5	68.21638	0	31.78362	23.44264	8.340981	34.60314	7
1652.155	1652.491	984.4909	76.57	16.23	76	74.74	70.04544	0	29.95456	21.56514	8.389423	34.31259	7
1652.16	1652.496	984.4959	78.22	14.83	77.74	77.02	68.16874	0	31.83126	9.632227	22.19903	34.56005	7
1652.165	1652.501	984.5009	77.86	11.52	77.55	76	67.98346	0	32.01654	21.41018	10.60636	34.79939	7
1652.17	1652.506	984.5059	78.59	31.14	77.17	75.68	71.16632	0	28.83368	23.08064	5.753041	33.90639	7
1652.175	1652.511	984.5109	78.57	49.38	76.8	73.27	69.48314	0	30.51686	12.49485	18.02201	34.14671	7
1652.18	1652.516	984.5158	77.74	45.45	76.15	72.39	69.8028	0	30.1972	20.1814	10.0158	34.3006	7
1652.185	1652.521	984.5208	77.74	53.36	76.33	74.15	66.49358	0	33.50642	22.33601	11.17041	34.32268	7
1652.19	1652.526	984.5258	78.4	62.58	77.88	76.33	56.75764	1.18555	42.05681	24.34313	17.71368	34.25453	7

1652.195	1652.531	984.5308	76.49	52.93	74.96	69.11	68.67764	0	31.32236	15.19381	16.12855	34.80908	7
1652.2	1652.536	984.5358	72.64	44.69	71.12	66.92	74.13622	0	25.86378	20.78898	5.074799	34.40984	7
1652.205	1652.541	984.5408	69.76	24.37	69.08	65.51	75.19326	0	24.80674	5.194802	19.61194	34.2113	7
1652.21	1652.546	984.5457	68.11	15.37	67.79	66.16	76.09926	0	23.90074	16.43943	7.461307	33.70865	7
1652.215	1652.551	984.5507	68.98	11.36	68.94	68.55	74.09928	0	25.90072	18.73649	7.164231	33.47301	7
1652.22	1652.556	984.5557	69.62	21.89	68.7	67.68	77.78222	0	22.21778	16.39097	5.826811	33.77628	7
1652.225	1652.561	984.5607	72.19	43.4	70.74	69.7	74.3199	0	25.6801	20.5316	5.148499	33.83846	7
1652.23	1652.566	984.5657	73.73	50.93	71.8	70.62	74.80084	0	25.19916	13.5899	11.60926	33.76643	7
1652.235	1652.571	984.5706	73.8	70	70.8	69.68	78.414	0	21.586	17.93897	3.647032	33.73476	7
1652.24	1652.576	984.5756	104.5352	94.2183	100.9144	96.38136	49.08848	0	50.91152	20.65044	30.26108	25.87343	7
1652.245	1652.581	984.5806	76.97	87.83	74.33	71.47	68.39274	0	31.60726	21.10076	10.5065	33.84977	7
1652.25	1652.586	984.5856	73.6	54.4	71.7	71.25	73.8482	0	26.1518	6.368698	19.7831	33.66508	7
1652.255	1652.591	984.5906	71.92	26.14	71.02	70.11	74.48272	0	25.51728	7.580754	17.93653	33.78417	7
1652.26	1652.596	984.5955	73.44	36.35	71.98	70.72	74.9535	0	25.0465	9.840057	15.20644	33.81586	7
1652.265	1652.601	984.6005	76.2	56	73.73	70.92	75.4865	0	24.5135	17.13149	7.382012	33.71647	7
1652.27	1652.605	984.6055	74.69	39.44	73.07	70.39	74.29572	0	25.70428	12.83322	12.87106	34.02293	7
1652.275	1652.61	984.6105	74.11	27.91	73.51	72.45	69.71458	0	30.28542	18.9492	11.33622	34.09386	7
1652.28	1652.615	984.6155	73.98	41.25	73.25	72.23	67.6134	0	32.3866	20.29157	12.09503	34.18379	7
1652.285	1652.62	984.6204	75.16	47.14	73.87	72.42	69.44242	0	30.55758	12.58352	17.97406	34.04732	7
1652.29	1652.625	984.6254	79.73	50.6	78.69	74.51	62.4632	0	37.5368	16.52921	21.00759	35.38242	7
1652.295	1652.63	984.6304	81.79	43.76	80.65	76.47	62.99828	0	37.00172	12.53179	24.46993	35.37534	7
1652.3	1652.635	984.6354	82.94	64.07	81.61	77.41	58.49776	0.30521	41.19703	13.62394	27.57309	35.32221	7
1652.305	1652.64	984.6404	83.78	85.43	83.1	76.57	47.51834	3.789215	48.69245	28.10672	20.58572	33.81814	7
1652.31	1652.645	984.6453	84.03	59.55	83.27	79.35	54.1713	1.881502	43.9472	27.67092	16.27627	34.6739	7
1652.315	1652.65	984.6503	82.66	63.95	81.33	76.94	58.7844	0.241772	40.97383	9.516559	31.45727	35.39155	7
1652.32	1652.655	984.6553	84.11	55.75	83.51	83.33	53.7773	2.124482	44.09822	22.92731	21.1709	33.98531	7
1652.325	1652.66	984.6603	82.72	78.6	81.82	80.16	51.8514	2.410108	45.73849	24.14733	21.59116	33.51362	7
1652.33	1652.665	984.6653	83.57	96.6	81.81	79.35	53.3784	1.435917	45.18568	28.65919	16.52649	33.64005	7
1652.335	1652.67	984.6702	80.13	73.89	78.43	76.3	61.57402	0	38.42598	17.48993	20.93605	34.54809	7
1652.34	1652.675	984.6752	77.67	46.58	76.61	75.67	65.48624	0	34.51376	10.81964	23.69412	34.37045	7
1652.345	1652.68	984.6802	78.73	47.61	77.5	74.94	65.57928	0	34.42072	11.64438	22.77634	34.59197	7
1652.35	1652.685	984.6852	76.88	34.17	75.35	73.92	72.85876	0	27.14124	17.89931	9.241928	33.78354	7
1652.355	1652.69	984.6902	75.54	23.9	74.96	74.57	69.2144	0	30.7856	6.829169	23.95643	34.10334	7
1652.36	1652.695	984.6951	74.83	29.36	73.98	73.16	70.63878	0	29.36122	19.70436	9.656864	33.97701	7
1652.365	1652.7	984.7001	72.27	35.59	71.06	70.68	74.27632	0	25.72368	6.139525	19.58416	33.70087	7
1652.37	1652.705	984.7051	72.16	40.36	70.7	71.8	75.16068	0	24.83932	17.97186	6.86746	33.42702	7
1652.375	1652.71	984.7101	71.87	31.61	71.02	70.33	72.81748	0	27.18252	12.36236	14.82016	33.78619	7
1652.38	1652.715	984.7151	69.51	45.96	67.67	66.21	79.18848	0	20.81152	12.61199	8.199528	34.1453	7
1652.385	1652.72	984.72	70.59	73.53	68.14	66.08	76.25044	0	23.74956	5.960541	17.78902	34.33037	7
1652.39	1652.725	984.725	72.05	92.06	69.1	66.8	74.29798	0	25.70202	7.518071	18.18395	34.30584	7
1652.395	1652.73	984.73	72.89	118.02	69.08	66.59	73.90786	0	26.09214	6.909583	19.18256	34.35613	7
1652.4	1652.735	984.735	73.39	135.68	70.03	66.43	65.68664	0.37512	33.93824	23.87777	10.06047	34.2851	10
1652.405	1652.74	984.74	78.9	100.6	78.02	73.3	49.8868	3.052957	47.06024	24.91649	22.14375	33.17316	10
1652.41	1652.745	984.745	82.54	77.23	81.92	78.41	50.17854	3.038914	46.78255	14.51968	32.26287	33.64232	10
1652.415	1652.75	984.7499	83.69	79.91	83.15	79.31	47.85198	3.798835	48.34918	27.35828	20.9909	33.4418	10
1652.42	1652.755	984.7549	83.84	89.13	83.32	75.74	45.32774	4.528544	50.14372	21.85598	28.28774	33.72215	10
1652.425	1652.76	984.7599	85.31	96.75	85.15	85.33	39.3413	6.696277	53.96242	28.06398	25.89844	31.75914	10
1652.43	1652.765	984.7649	86.71	92.88	86.68	90.06	37.98234	7.480629	54.53703	24.02935	30.50768	31.19629	10
1652.435	1652.77	984.7699	87.76	96.32	87.57	91.11	37.42386	7.621538	54.9546	35.67296	19.28164	31.13319	10
1652.44	1652.775	984.7748	88.2	96.48	88.41	93.27	33.88034	9.346448	56.77321	27.23864	29.53457	30.72616	10
1652.445	1652.78	984.7798	88.54	104.96	88.6	92	32.67788	9.524561	57.79756	23.56015	34.23741	30.86866	10
1652.45	1652.785	984.7848	85.44	79.34	84.88	84.67	46.53492	4.282036	49.18304	15.49656	33.68648	32.72735	10
1652.455	1652.79	984.7898	90.87	83.95	90.68	89.53	37.5562	8.320919	54.12288	19.46574	34.65714	32.26159	10
1652.46	1652.795	984.7948	91.91	79.96	91.88	92.04	36.32498	9.34362	54.3314	28.95833	25.37307	31.99592	10
1652.465	1652.8	984.7997	93.53	83.88	93.07	92.72	37.21844	8.522282	54.25928	21.73757	32.52171	32.18998	10
1652.47	1652.805	984.8047	93.9	82.06	93.87	94.39	33.98598	10.73518	55.27884	30.37378	24.90506	31.80706	10
1652.475	1652.81	984.8097	94.28	83.39	94.17	92.68	33.93452	10.67009	55.39539	21.18855	34.20685	32.17788	10
1652.48	1652.815	984.8147	93.01	87.24	92.92	94.72	34.01622	10.22316	55.76062	39.52161	16.23901	31.52044	10
1652.485	1652.82	984.8197	93.07	67.35	92.8	91.47	40.1694	8.058303	51.7723	35.98094	15.79135	32.73203	10
1652.49	1652.825	984.8246	92.56	63.15	92.33	92.98	41.345	7.67046	50.98454	23.34983	27.6347	32.50129	10
1652.495	1652.83	984.8296	91.47	48.91	91.1	90.92	46.87888	5.490872	47.63025	27.72913	19.90112	33.41299	10
1652.5	1652.835	984.8346	88.97	38.9	88.71	89.21	50.7488	4.042842	45.20836	16.72607	28.48229	33.855	10
1652.505	1652.84	984.8396	89.97	47.56	90.22	90.83	43.78058	7.213801	49.00562	22.85916	26.14646	32.83244	10
1652.51	1652.845	984.8446	91.6	34.95	91.51	91.62	47.9676	5.853954	46.17845	17.52155	28.65689	33.63603	10
1652.515	1652.85	984.8495	87.76	29.66	87.72	87.47	52.39308	3.672912	43.93401	27.82392	16.11009	34.31385	10
1652.52	1652.855	984.8545	82.1	43.16	82.28	81.67	52.62828	2.815007	44.55671	29.72168	14.83503	33.98998	7
1652.525	1652.86	984.8595	77.16	61.23	74.74	71.83	72.95014	0	27.04986	11.0526	15.99726	33.68299	7
1652.53	1652.864	984.8645	75.59	65.62	72.96	72.37	74.95966	0	25.04034	18.89466	6.145678	33.36897	7
1652.535	1652.869	984.8695	72.91	18.69	72.43	71.88	72.11982	0	27.88018	17.87999	10.00019	33.83175	7
1652.54	1652.874	984.8744	74.98	13.18	74.41	73.27	72.24634	0	27.75366	11.26028	16.49338	34.05583	7
1652.545	1652.879	984.8794	75.28	5.76	75.06	74.92	71.05348	0	28.94652	14.60488	14.34164	34.0737	7
1652.55	1652.884	984.8844	74.26	3.48	74.13	74.07	71.84614	0	28.15386	6.361266	21.79259	33.9362	7
1652.555	1652.889	984.8894	73.21	4.86	73.31	73.9	70.69568	0	29.30432	18.93958	10.36474	33.79522	7

1652.56	1652.894	984.8944	73.96	10.26	73.76	73.74	71.02388	0	28.97612	10.66231	18.31381	33.91292	7
1652.565	1652.899	984.8993	74.77	27.17	73.4	72.89	75.25396	0	24.74604	17.21098	7.53506	33.64423	7
1652.57	1652.904	984.9043	74.33	23.83	73.43	72.39	72.82454	0	27.17546	12.30683	14.86863	33.89693	7
1652.575	1652.909	984.9093	71.6	12.01	71.29	71.15	73.62408	0	26.37592	19.8693	6.506619	33.63187	7
1652.58	1652.914	984.9143	70.46	11.07	70.35	70.05	73.35036	0	26.64964	8.748668	17.90097	33.58116	1
1652.585	1652.919	984.9193	74.1	16.43	73.23	72.29	74.59444	0	25.40556	20.91338	4.49218	33.82871	1
1652.59	1652.924	984.9242	75.56	13.71	75.53	75.82	67.39948	0	32.60052	18.89792	13.7026	34.32351	1
1652.595	1652.929	984.9292	76.57	24.01	77	78.5	60.41268	0.149484	39.43784	26.39059	13.04724	34.98781	1
1652.6	1652.934	984.9342	77.48	44.88	77.25	78.29	59.63994	0.396568	39.96349	19.04138	20.92211	34.56195	1
1652.605	1652.939	984.9392	76.61	21.29	76.62	77.76	64.28912	0	35.71088	24.7709	10.93998	34.60426	1
1652.61	1652.944	984.9442	78.3	15.79	77.98	78.06	66.62282	0	33.37718	22.08247	11.29471	34.64911	1
1652.615	1652.949	984.9492	79.01	23.85	78.24	77.98	67.5066	0	32.4934	18.6572	13.8362	34.38165	1
1652.62	1652.954	984.9541	77.73	14.63	77.25	76.62	68.66794	0	31.33206	22.20472	9.127335	34.44726	1
1652.625	1652.959	984.9591	75.51	12.72	75.35	75.26	68.69256	0	31.30744	5.492415	25.81503	34.24375	1
1652.63	1652.964	984.9641	75.88	29.06	75.08	74.88	69.35788	0	30.64212	12.92114	17.72098	33.99528	1
1652.635	1652.969	984.9691	77.67	33.5	77.2	76.47	64.0791	0	35.9209	18.05062	17.87028	34.82183	1
1652.64	1652.974	984.9741	80.22	27.88	79.96	79.11	61.46564	0	38.53436	11.14935	27.38501	35.68409	1
1652.645	1652.979	984.979	79.48	17.17	79.59	79.65	61.87076	0	38.12924	18.06079	20.06845	35.695	1
1652.65	1652.984	984.984	78.74	15.78	78.9	78.94	62.50044	0	37.49956	11.94946	25.5501	35.50975	1
1652.655	1652.989	984.989	78.83	26.35	79.61	79.67	55.0547	1.941186	43.00411	15.01688	27.98724	34.39324	1
1652.66	1652.994	984.994	80.64	21.43	80.65	80.18	60.54764	0.349979	39.10238	11.91601	27.18637	35.62277	1
1652.665	1652.999	984.999	79.38	18.87	79.71	79.65	59.84636	0.539782	39.61386	26.02449	13.58936	35.39918	1
1652.67	1653.004	985.0039	79.78	11.79	80.28	80.44	59.87422	0.638871	39.48691	25.75034	13.73656	35.51006	1
1652.675	1653.009	985.0089	79.45	9.36	79.43	79.29	64.79588	0	35.20412	13.66726	21.53686	35.30823	1
1652.68	1653.014	985.0139	81.37	11.58	81.43	82.06	61.87224	0.076157	38.0516	14.21905	23.83255	35.89398	1
1652.685	1653.019	985.0189	83.89	27.69	84.06	84.44	54.80272	2.479889	42.71739	29.82749	12.8899	34.46796	1
1652.69	1653.024	985.0239	80.08	24.13	79.88	80.18	62.03694	0	37.96306	20.9641	16.99896	35.44465	1
1652.695	1653.029	985.0288	81.06	32.04	80.75	80.88	60.07362	0.373382	39.553	9.849173	29.70382	35.25328	1
1652.7	1653.034	985.0338	78.84	34.96	78.83	79.83	59.08438	0.621786	40.29383	18.12822	22.16562	34.73556	1
1652.705	1653.039	985.0388	76.57	16.91	76.16	74.53	68.64088	0	31.35912	9.217267	22.14185	34.53963	1
1652.71	1653.044	985.0438	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1653.27	1653.602	985.6016	94.75	41.9	95.27	94.91	38.6602	11.51459	49.82521	28.7638	21.06141	32.53745	-9999
1653.275	1653.607	985.6066	96.53	52.61	96.67	97.51	37.37578	11.57815	51.04607	19.89581	31.15026	32.16564	-9999
1653.28	1653.612	985.6116	94.7	50.39	94.83	94.68	39.67412	9.974303	50.35158	34.18636	16.16522	32.5804	-9999
1653.285	1653.617	985.6165	93.2	48.42	93.13	93.39	43.08086	7.817137	49.102	25.48862	23.61338	32.88359	-9999
1653.29	1653.622	985.6215	92.52	52.97	92.29	91.31	43.84536	6.960518	49.19412	28.98023	20.21389	33.15811	-9999
1653.295	1653.626	985.6265	92.84	51.5	92.66	92.86	43.5192	7.2806	49.2002	34.1391	15.0611	32.91973	-9999
1653.3	1653.631	985.6315	92.52	56.06	92.73	94.46	39.68758	9.230212	51.08221	28.02574	23.05647	32.16813	-9999
1653.305	1653.636	985.6365	92.66	57.42	92.44	92.09	42.56216	7.387535	50.05031	34.59327	15.45704	32.85953	-9999
1653.31	1653.641	985.6414	91.85	51.71	91.69	92.15	44.22418	6.814563	48.96126	16.51713	32.44412	32.92606	-9999
1653.315	1653.646	985.6464	91.88	57.37	91.8	91.22	42.20686	7.574561	50.21858	17.46372	32.75486	32.83614	-9999
1653.32	1653.651	985.6514	92.33	64.98	92.22	92.74	40.18374	8.215908	51.60035	31.11595	20.4844	32.37631	-9999
1653.325	1653.656	985.6564	91.91	59.74	92.09	93	39.59072	8.936985	51.4723	24.70744	26.76485	32.27229	-9999
1653.33	1653.661	985.6614	91.99	55.64	92.13	92.26	40.81932	8.527928	50.65275	19.66105	30.9917	32.57035	-9999
1653.335	1653.666	985.6663	90.52	48.05	90.36	89.04	46.3335	5.838951	47.82755	15.28737	32.54018	33.51202	-9999
1653.34	1653.671	985.6713	89.6	47.62	89.51	89.43	46.74146	5.615302	47.64324	30.60988	17.03335	33.30807	-9999
1653.345	1653.676	985.6763	89.61	36.68	89.59	89.34	48.83724	5.164914	45.99785	33.79663	12.20122	33.74353	-9999
1653.35	1653.681	985.6813	89.88	29.31	90.1	91.53	48.51238	5.803363	45.68426	28.44702	17.23724	33.46556	-9999
1653.355	1653.686	985.6863	90.65	27.39	90.96	92.14	47.57112	6.527169	45.90171	33.53198	12.36973	33.40961	-9999
1653.36	1653.691	985.6912	90.58	38.79	90.61	91.15	47.04672	6.051255	46.90202	17.13889	29.76314	33.35182	-9999
1653.365	1653.696	985.6962	92.53	49.78	92.53	92.09	42.82564	7.823169	49.35119	28.6479	20.70329	32.9543	-9999
1653.37	1653.701	985.7012	92.65	48.47	92.74	94.33	42.33476	8.235249	49.42999	28.66085	20.76915	32.53255	-9999
1653.375	1653.706	985.7062	92.01	42.41	91.81	92.22	46.63758	6.096662	47.26576	26.61811	20.64765	33.3345	-9999
1653.38	1653.711	985.7112	91.31	41.15	91.16	90.98	47.199	5.843876	46.95712	20.128	26.82912	33.50946	-9999
1653.385	1653.716	985.7161	91.07	43.79	90.97	91.86	46.39342	6.10666	47.49992	32.96546	14.53446	33.16863	-9999
1653.39	1653.721	985.7211	91.69	44.37	91.46	90.16	46.69016	5.917208	47.39263	22.25066	25.14198	33.63104	-9999
1653.395	1653.726	985.7261	92.03	51.04	91.9	91.45	43.98822	7.00792	49.00386	27.56619	21.43767	33.07478	-9999
1653.4	1653.731	985.7311	92.82	50.14	92.98	93.8	41.23172	8.793743	49.97454	26.09178	23.88276	32.54119	-9999
1653.405	1653.736	985.7361	93.7	50.32	93.6	94.94	42.39356	8.11455	49.49189	29.20537	20.28652	32.60098	-9999
1653.41	1653.741	985.7411	92.53	49.56	92.39	93.08	43.96388	7.154157	48.88196	20.09895	28.78302	32.88755	-9999
1653.415	1653.746	985.746	92.72	55.39	92.41	91.9	43.69572	6.86467	49.43961	32.72715	16.71246	33.04196	-9999
1653.42	1653.751	985.751	93.86	67.65	93.36	91.76	41.1525	7.411738	51.43576	33.69457	17.7412	32.9085	-9999
1653.425	1653.756	985.756	94.49	73.19	94.15	93.74	37.99222	8.94304	53.06474	25.22251	27.84223	32.35483	-9999
1653.43	1653.761	985.761	93.77	62.61	93.67	93.39	39.35498	8.988716	51.6563	32.91752	18.73878	32.49525	-9999
1653.435	1653.766	985.766	93.74	60.98	93.57	93.98	40.31954	8.513209	51.16725	34.37128	16.79597	32.4772	-9999
1653.44	1653.771	985.7709	94.28	61.15	94.06	92.47	40.1691	8.610561	51.22034	33.50639	17.71395	32.84529	-9999
1653.445	1653.776	985.7759	94	66.02	93.65	92.12	40.25566	8.118969	51.62537	26.54393	25.08144	32.81029	-9999
1653.45	1653.781	985.7809	94.36	65.85	94.44	94.39	36.6331	10.51394	52.85296	30.95736	21.8956	32.19195	-9999
1653.455	1653.786	985.7859	93.09	57.19	92.9	91.7	41.98972	7.765379	50.2449	31.12386	19.12104	32.96378	-9999
1653.46	1653.791	985.7909	90.33	50.06	90.41	89.86	44.16188	6.880563	48.95756	28.60886	20.3487	33.06975	-9999
1653.465	1653.796	985.7958	91.65	44.67	91.65	91.07	44.87186	6.94176	48.18638	24.57416	23.61222	33.24736	-9999
1653.47	1653.801	985.8008	91.15	47.27	91.22	90.73	44.16016	7.129673	48.71017	15.78738	32.92279	33.106	-9999
1653.475	1653.806	985.8058	91.79	46.52	91.84	91.61	43.90786	7.376628	48.71551	16.74647	31.96904	33.0501	-9999

1653.48	1653.811	985.8108	91.02	48.35	91.15	90.7	43.5534	7.387407	49.05919	20.36443	28.69476	33.01297	-9999
1653.485	1653.816	985.8158	90.38	45.07	90.4	90.29	45.78846	6.319233	47.89231	32.49656	15.39575	33.23808	-9999
1653.49	1653.821	985.8207	90.76	58.25	91.01	91.45	40.4668	8.419003	51.1142	18.73136	32.38284	32.42776	-9999
1653.495	1653.826	985.8257	90.23	41.84	90.17	90.39	47.32812	5.682914	46.98897	20.50264	26.48632	33.40982	-9999
1653.5	1653.831	985.8307	91.59	39.89	91.71	90.76	45.15382	7.121839	47.72434	21.57039	26.15395	33.38739	-9999
1653.505	1653.836	985.8357	93.67	50.28	93.48	92.37	43.12834	7.649255	49.2224	22.16215	27.06025	33.14368	-9999
1653.51	1653.841	985.8407	95.89	53.27	95.5	94.86	41.91236	8.196414	49.89123	19.0917	30.79953	32.95871	-9999
1653.515	1653.846	985.8456	95.23	64.01	94.86	96.14	39.76548	8.617641	51.61688	28.31443	23.30245	32.28854	-9999
1653.52	1653.851	985.8506	97.4	75.17	96.74	96.08	37.31586	9.089615	53.59452	21.085	32.50952	32.43603	-9999
1653.525	1653.856	985.8556	96.13	65.82	95.78	95.3	38.34446	9.41609	52.23945	20.2189	32.02055	32.48145	-9999
1653.53	1653.861	985.8606	96.76	66.14	96.31	96.04	38.46242	9.284988	52.25259	27.04727	25.20533	32.47532	-9999
1653.535	1653.866	985.8656	96.31	58.29	95.98	95.39	39.84612	9.136481	51.0174	21.71749	29.29991	32.69321	-9999
1653.54	1653.871	985.8705	96.61	58.87	96.28	94.94	39.42976	9.375152	51.19509	18.54093	32.65416	32.79008	-9999
1653.545	1653.876	985.8755	97.16	66.36	96.63	97.61	38.66118	9.097443	52.24138	29.5149	22.72647	32.28064	-9999
1653.55	1653.881	985.8805	96.97	66.13	96.57	95.61	37.88414	9.706208	52.40965	33.27336	19.13629	32.54553	-9999
1653.555	1653.885	985.8855	96.98	66.08	96.35	96.27	39.66954	8.396489	51.93397	32.78316	19.15081	32.58814	-9999
1653.56	1653.89	985.8905	95.41	57.94	94.84	94.45	42.61882	7.261198	50.11998	28.21734	21.90264	32.97194	-9999
1653.565	1653.895	985.8954	96.72	66.52	96.15	96.37	39.33726	8.608678	52.05406	18.58642	33.46764	32.48229	-9999
1653.57	1653.9	985.9004	96.88	70.43	96.23	97.2	38.86384	8.517689	52.61847	36.80699	15.81148	32.28919	-9999
1653.575	1653.905	985.9054	97.44	69.72	97.39	98.25	33.87046	12.33777	53.79177	30.69049	23.10127	31.82482	-9999
1653.58	1653.91	985.9104	96.8	65.83	96.5	94.98	37.33814	10.1443	52.51756	25.80444	26.71312	32.58556	-9999
1653.585	1653.915	985.9154	96.3	60.36	95.77	96.72	40.90438	8.161363	50.93426	17.89668	33.03758	32.53283	-9999
1653.59	1653.92	985.9203	97.1	71.8	96.75	96.92	36.0049	10.46445	53.53065	22.39476	31.13589	32.14083	-9999
1653.595	1653.925	985.9253	96.89	70.37	96.56	95.42	36.38916	10.34034	53.2705	23.44037	29.83013	32.41578	-9999
1653.6	1653.93	985.9303	96.31	58.55	96.21	95.49	38.0007	10.44293	51.55637	21.85701	29.69936	32.50691	-9999
1653.605	1653.935	985.9353	97.03	68.64	97.02	98.63	34.19902	12.18222	53.61876	27.01459	26.60417	31.7089	-9999
1653.61	1653.94	985.9403	97.11	70.59	97.01	95.5	34.35102	11.84701	53.80197	32.62493	21.17704	32.29865	-9999
1653.615	1653.945	985.9453	98.1	77.47	98.06	97.86	31.31026	13.44716	55.24258	25.45799	29.78459	31.82869	-9999
1653.62	1653.95	985.9502	99.22	74.15	99.43	100.25	29.1458	15.80206	55.05214	39.40456	15.64758	31.48283	-9999
1653.625	1653.955	985.9552	97.69	62.38	97.72	97.5	34.79674	12.52423	52.67903	34.97599	17.70304	32.10809	-9999
1653.63	1653.96	985.9602	96.93	68.04	96.9	97.04	34.59122	11.94743	53.46135	20.19148	33.26987	32.01334	-9999
1653.635	1653.965	985.9652	102.69	93.15	102.59	102.39	23.7579	18.22337	58.01873	35.51701	22.50172	31.44872	-9999
1653.64	1653.97	985.9702	103.59	92.2	103.11	99.35	26.1048	16.0238	57.8714	36.45242	21.41898	32.25993	-9999
1653.645	1653.975	985.9751	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1654.01	1654.339	986.3389	99.99	59.7	100	100.33	33.4843	14.19521	52.32049	29.9634	22.35709	31.88149	1
1654.015	1654.344	986.344	91.36	20.14	90.78	90.22	55.56992	2.586073	41.84401	27.95798	13.88603	35.18794	1
1654.02	1654.349	986.349	89.28	11.17	89.08	88.65	56.70926	2.554576	40.73616	22.99619	17.73998	35.38567	1
1654.025	1654.354	986.3541	89.58	14.29	89.29	89.18	56.37572	2.553594	41.07069	13.42608	27.64461	35.24004	1
1654.03	1654.359	986.3592	87.89	13.15	88.06	87.72	54.6414	3.404897	41.9537	14.54809	27.40562	34.90403	1
1654.035	1654.364	986.3643	84.27	9.4	84.27	84.29	60.1968	0.880809	38.92239	21.69293	17.22946	35.8177	1
1654.04	1654.369	986.3694	83.88	15.37	83.52	83.18	61.90086	0.039005	38.06013	9.096959	28.96318	36.13008	1
1654.045	1654.374	986.3745	85	14.21	84.98	85.78	58.51618	1.447711	40.03611	29.74922	10.28689	35.29814	1
1654.05	1654.38	986.3795	84.81	13.07	84.63	85.35	60.20686	0.783057	39.01008	17.36417	21.64591	35.66028	1
1654.055	1654.385	986.3846	84.6	19.17	84.04	84.24	61.86886	0	38.13114	9.606041	28.5251	35.91464	1
1654.06	1654.39	986.3897	84.95	24.81	84.03	83.72	62.97198	0	37.02802	13.09007	23.93795	35.33154	1
1654.065	1654.395	986.3948	85.83	44.31	83.89	82.73	65.34838	0	34.65162	6.244931	28.40669	33.56418	1
1654.07	1654.4	986.3999	84.95	16.92	84.51	83.71	61.16136	0.276713	38.56193	20.42872	18.1332	36.09024	1
1654.075	1654.405	986.405	86.42	16.35	85.97	85.56	60.0244	0.748599	39.227	10.90488	28.32212	35.86367	1
1654.08	1654.41	986.4101	85.93	25.17	84.83	83.71	63.37826	0	36.62174	23.52492	13.09682	35.25865	1
1654.085	1654.415	986.4151	85.7	26.58	84.54	83.24	63.71364	0	36.28636	16.14424	20.14212	35.11711	1
1654.09	1654.42	986.4202	87.86	28.64	86.52	84.89	62.62292	0	37.37708	18.41891	18.95817	35.18201	1
1654.095	1654.425	986.4253	87.9	34.37	86.37	84.88	62.67196	0	37.32804	17.08271	20.24533	34.73294	1
1654.1	1654.43	986.4304	86.16	26.82	85.56	84.04	58.89236	0.858335	40.24931	26.94084	13.30847	35.67836	1
1654.105	1654.435	986.4355	84.45	22.35	83.71	82.78	62.6323	0	37.3677	23.15272	14.21498	35.70334	1
1654.11	1654.441	986.4406	86.13	25.94	85.67	85.18	58.04792	1.252589	40.69949	20.30034	20.39915	35.33197	1
1654.115	1654.446	986.4456	86.06	16.49	85.7	84.72	59.62422	0.920918	39.45486	11.75437	27.70049	35.86534	1
1654.12	1654.451	986.4507	84.19	11.11	83.95	83.5	61.71658	0.226118	38.0573	9.999086	28.05822	36.19208	1
1654.125	1654.456	986.4558	82.58	10.92	82.47	81.49	62.23626	0.002463	37.76128	7.21721	30.54407	36.32453	1
1654.13	1654.461	986.4609	82.19	10.18	82.18	81.86	61.99914	0.090979	37.90988	9.777663	28.13222	36.14595	1
1654.135	1654.466	986.466	83.61	11.88	83.36	82.77	62.14134	0.034745	37.82392	26.64477	11.17915	36.26789	1
1654.14	1654.471	986.4711	83.54	10.2	83.4	83.62	61.7598	0.221926	38.01827	20.36162	17.65666	36.0598	1
1654.145	1654.476	986.4762	83.31	13.25	83.08	82.8	61.9308	0.077973	37.99123	21.54219	16.44903	36.12863	1
1654.15	1654.481	986.4812	82.17	10.42	82.26	82.55	61.18446	0.379665	38.43588	14.70228	23.7336	35.85913	1
1654.155	1654.486	986.4863	81.79	10.73	81.66	80.98	63.16404	0	36.83596	15.84625	20.98971	35.95165	1
1654.16	1654.491	986.4914	81.19	10.98	81.66	82.09	59.00554	1.075339	39.91912	26.80213	13.11699	35.35417	1
1654.165	1654.496	986.4965	82.29	12.68	82.7	82.72	58.04714	1.488954	40.46391	22.00125	18.46265	35.26551	1
1654.17	1654.502	986.5016	83.33	22.19	83.76	84.27	54.63392	2.652133	42.71395	19.79817	22.91577	34.4662	1
1654.175	1654.507	986.5067	82.34	22.54	82.39	82.92	58.40502	1.150212	40.44477	28.87074	11.57402	35.07793	1
1654.18	1654.512	986.5117	81.83	26.7	81.89	82.22	57.79	1.266475	40.94352	11.10985	29.83367	34.90895	1
1654.185	1654.517	986.5168	81.85	16.96	81.68	81.27	61.91118	0	38.08882	13.6055	24.48332	35.99309	1
1654.19	1654.522	986.5219	81.9	12.14	81.57	80.74	64.27162	0	35.72838	12.96795	22.76043	35.63392	1
1654.195	1654.527	986.527	84.49	13.42	84.28	83.17	60.64906	0.588084	38.76286	16.8244	21.93846	36.06783	1
1654.2	1654.532	986.5321	83.14	18.47	82.78	82.63	61.83146	0	38.16854	20.02595	18.14259	35.9817	1

1654.205	1654.537	986.5372	81.57	21.02	81.16	80.57	63.04626	0	36.95374	16.24583	20.70791	35.53961	1
1654.21	1654.542	986.5422	82.9	11.65	82.63	82.17	63.0052	0	36.9948	21.26093	15.73387	35.99513	1
1654.215	1654.547	986.5473	83.73	18.86	83.06	82.12	63.59678	0	36.40322	22.41834	13.98488	35.58947	1
1654.22	1654.552	986.5524	83.97	14.01	83.47	81.94	63.23218	0	36.76782	10.70784	26.05998	36.05463	1
1654.225	1654.558	986.5575	85.58	18.41	85.32	84	58.82618	1.191518	39.9823	11.89167	28.09063	35.71539	1
1654.23	1654.563	986.5626	87.21	16.94	86.94	86.71	57.75982	1.73179	40.50839	13.70145	26.80694	35.39891	1
1654.235	1654.568	986.5677	87.93	14.34	87.88	88	56.02162	2.684193	41.29419	21.4537	19.84049	35.06016	1
1654.24	1654.573	986.5728	87.09	19.17	86.91	86.22	56.63306	2.14885	41.21809	26.75791	14.46018	35.23183	1
1654.245	1654.578	986.5778	87.47	13.79	87.33	87.12	57.27542	2.100023	40.62456	20.51407	20.11049	35.35064	1
1654.25	1654.583	986.5829	88.02	19.45	88.2	89.24	52.9197	3.936484	43.14382	13.39514	29.74868	34.27733	1
1654.255	1654.588	986.588	86.8	17.26	86.54	86.59	57.98208	1.613867	40.40405	30.73421	9.669843	35.36796	1
1654.26	1654.593	986.5931	85.39	14.89	85.65	85.96	55.82282	2.585035	41.59215	17.08983	24.50231	34.88748	1
1654.265	1654.598	986.5982	85.1	16.05	85.35	85.63	55.8864	2.492673	41.62093	19.80066	21.82027	34.87769	1
1654.27	1654.603	986.6033	85.34	20.92	86.04	85.14	50.99956	4.443275	44.55717	18.4787	26.07846	34.23748	1
1654.275	1654.608	986.6083	83.38	16.75	83.55	83.62	57.9194	1.524639	40.55596	21.63947	18.91649	35.21015	1
1654.28	1654.613	986.6134	82.62	16.27	82.27	80.74	62.76476	0	37.23524	24.28101	12.95423	36.0358	1
1654.285	1654.619	986.6185	81.24	14.13	81.05	80.27	63.31224	0	36.68776	22.76301	13.92475	35.75142	1
1654.29	1654.624	986.6236	80.32	11.36	80.08	78.62	65.21648	0	34.78352	6.359659	28.42386	35.45336	1
1654.295	1654.629	986.6287	79.05	13.26	78.94	77.27	64.91758	0	35.08242	10.08838	24.99404	35.40069	1
1654.3	1654.634	986.6338	79.58	18.51	79.02	78	66.64698	0	33.35302	14.92495	18.42807	34.81675	1
1654.305	1654.639	986.6389	78.94	29.5	77.72	75.39	69.6912	0	30.3088	10.38628	19.92252	34.2626	1
1654.31	1654.644	986.6439	80.08	34.08	78.61	76.84	69.47154	0	30.52846	15.2459	15.28256	33.99874	1
1654.315	1654.649	986.649	80.11	29.36	79.46	76.22	64.23118	0	35.76882	21.3127	14.45612	35.41477	1
1654.32	1654.654	986.6541	81.54	28.93	81.45	79.62	58.67964	0.903857	40.4165	24.69059	15.72591	35.41717	1
1654.325	1654.659	986.6592	78.6	16.79	78.23	76.98	66.49232	0	33.50768	8.786145	24.72153	34.89523	1
1654.33	1654.664	986.6643	78.35	15.91	78	76.72	66.78028	0	33.21972	11.52609	21.69363	34.85783	1
1654.335	1654.669	986.6694	78.38	20.3	77.45	77.04	70.1853	0	29.8147	17.85301	11.96169	34.05977	1
1654.34	1654.674	986.6744	78.69	20.01	78.04	76.82	67.80028	0	32.19972	5.808104	26.39162	34.58538	1
1654.345	1654.68	986.6795	77.48	9.27	77.27	76.94	68.10256	0	31.89744	22.68862	9.20882	34.56013	1
1654.35	1654.685	986.6846	74.68	8.11	74.74	74.29	68.86678	0	31.13322	9.936156	21.19706	34.25783	1
1654.355	1654.69	986.6897	73.54	6.7	73.49	73.33	71.1093	0	28.8907	21.1853	7.7054	33.908	1
1654.36	1654.695	986.6948	74.97	6.04	74.81	75	70.80592	0	29.19408	16.46036	12.73372	33.99414	1
1654.365	1654.7	986.6999	75.58	7.92	75.55	74.8	68.78226	0	31.21774	6.579024	24.63872	34.41192	1
1654.37	1654.705	986.705	75	5.38	74.94	74.86	70.16304	0	29.83696	15.82994	14.00702	34.1167	1
1654.375	1654.71	986.71	75.04	4.31	74.98	74.83	70.38518	0	29.61482	15.64585	13.96897	34.12361	1
1654.38	1654.715	986.7151	75.2	7.36	75.02	74.57	70.42988	0	29.57012	18.90704	10.66308	34.15091	1
1654.385	1654.72	986.7202	74.13	7.49	73.98	73.86	71.15032	0	28.84968	14.05695	14.79273	33.94088	1
1654.39	1654.725	986.7253	75.94	9.51	75.66	75.27	70.00378	0	29.99622	22.42877	7.567453	34.20877	1
1654.395	1654.73	986.7304	74.52	7.54	74.47	74.74	70.00442	0	29.99558	8.288711	21.70687	34.00094	1
1654.4	1654.735	986.7355	75.16	8.41	75.15	75.62	68.89508	0	31.10492	10.79853	20.30639	34.12763	1
1654.405	1654.741	986.7405	76.53	8.83	76.61	76.22	66.83554	0	33.16446	23.15537	10.00909	34.6864	1
1654.41	1654.746	986.7456	76.77	8.66	76.51	75.68	69.29088	0	30.70912	5.457213	25.25191	34.44553	1
1654.415	1654.751	986.7507	76.32	7.82	76.09	75.68	69.67566	0	30.32434	10.89766	19.42668	34.30254	1
1654.42	1654.756	986.7558	75.45	6.53	75.29	75.16	70.24574	0	29.75426	7.882803	21.87146	34.14017	1
1654.425	1654.761	986.7609	76.14	8.08	76.21	75.92	67.45334	0	32.54666	7.472524	25.07414	34.55075	1
1654.43	1654.766	986.766	75.81	9.41	76	75.62	66.50508	0	33.49492	22.8098	10.68512	34.6429	1
1654.435	1654.771	986.7711	76.42	16.12	75.92	75.27	69.66756	0	30.33244	14.85838	15.47406	34.22142	1
1654.44	1654.776	986.7761	76.85	14.75	76.51	75.57	68.3635	0	31.6365	11.97354	19.66296	34.4867	1
1654.445	1654.781	986.7812	75.72	17.05	75.75	73.33	65.979	0	34.021	17.92082	16.10018	34.96709	1
1654.45	1654.786	986.7863	75.52	28.1	75.16	72.16	66.5114	0	33.4886	12.05914	21.42946	34.83435	1
1654.455	1654.791	986.7914	73.77	15.62	74.14	74.8	65.48406	0	34.51594	22.34988	12.16606	34.25562	1
1654.46	1654.796	986.7965	73.07	10.93	73.33	73.68	68.11554	0	31.88446	21.92736	9.957096	33.98244	1
1654.465	1654.802	986.8016	72.62	7.59	72.55	72.61	71.89532	0	28.10468	13.89742	14.20726	33.73139	1
1654.47	1654.807	986.8066	74.08	12.38	73.92	73.86	70.09044	0	29.90956	8.396226	21.51333	33.97243	1
1654.475	1654.812	986.8117	73.06	16.27	73.21	74.04	67.68496	0	32.31504	9.399476	22.91556	33.9005	1
1654.48	1654.817	986.8168	73.73	12.04	73.55	73.22	70.64972	0	29.35028	20.79344	8.556844	33.95223	1
1654.485	1654.822	986.8219	73.98	11.54	73.82	73.39	70.38572	0	29.61428	23.1708	6.443475	34.01463	1
1654.49	1654.827	986.827	74.18	15.04	74.21	74.39	67.88222	0	32.11778	13.31007	18.80771	34.12483	1
1654.495	1654.832	986.8321	74.56	14.84	74.39	74.5	69.13102	0	30.86898	14.04679	16.82219	34.04491	1
1654.5	1654.837	986.8372	73.99	13.8	73.39	72.8	73.2396	0	26.7604	17.6916	9.068799	33.83007	1
1654.505	1654.842	986.8422	73.95	10.42	73.83	73.44	70.37436	0	29.62564	17.40677	12.21887	34.01436	1
1654.51	1654.847	986.8473	75.4	9.5	75.39	75.57	68.4105	0	31.5895	20.64406	10.94544	34.2448	1
1654.515	1654.852	986.8524	74.74	10.05	74.8	75.27	68.3421	0	31.6579	18.92059	12.73731	34.1279	1
1654.52	1654.857	986.8575	75.92	12.62	75.84	76.27	67.71956	0	32.28044	13.98106	18.29938	34.28755	1
1654.525	1654.863	986.8626	76.27	12.26	76.29	76.33	66.70968	0	33.29032	22.34341	10.94691	34.53764	1
1654.53	1654.868	986.8677	74.4	6.53	74.17	74.15	71.75424	0	28.24576	16.55849	11.68727	33.90216	1
1654.535	1654.873	986.8727	75.17	9.47	74.86	73.51	70.95436	0	29.04564	9.928043	19.1176	34.23779	1
1654.54	1654.878	986.8778	76.18	20.62	75.52	74.11	70.03936	0	29.96064	4.935666	25.02497	34.24388	1
1654.545	1654.883	986.8829	75.95	13.48	75.98	75.57	66.63134	0	33.36866	19.94158	13.42708	34.58023	1
1654.55	1654.888	986.888	76.22	10.62	76.68	76.77	63.74256	0	36.25744	8.195757	28.06168	35.02317	1
1654.555	1654.893	986.8931	77.4	14.43	76.88	76.27	69.32994	0	30.67006	22.98367	7.686389	34.32359	1
1654.56	1654.898	986.8982	77.03	6.67	77.04	76.59	67.44076	0	32.55924	18.09878	14.46046	34.69652	1
1654.565	1654.903	986.9032	77.94	11.02	78.22	78.26	63.45836	0	36.54164	17.39515	19.14649	35.31743	1

1654.57	1654.908	986.9083	77.87	10.02	78	78.27	64.92726	0	35.07274	10.11728	24.95546	35.00576	1
1654.575	1654.913	986.9134	77.58	9.21	77.65	77.39	65.85508	0	34.14492	13.72923	20.41569	34.92295	1
1654.58	1654.919	986.9185	76.92	7.95	76.83	76.5	68.0072	0	31.9928	21.55287	10.43993	34.55434	1
1654.585	1654.924	986.9236	75.3	8.33	75	74.74	71.03314	0	28.96686	12.60655	16.36031	34.05028	1
1654.59	1654.929	986.9287	75.65	11.43	75.47	74.62	69.03094	0	30.96906	15.07597	15.89309	34.35589	1
1654.595	1654.934	986.9338	76.5	13.99	76.91	76.55	63.05692	0	36.94308	19.51951	17.42357	35.20364	1
1654.6	1654.939	986.9388	77.27	16.53	77.45	77.33	63.51634	0	36.48366	13.49809	22.98557	35.12303	1
1654.605	1654.944	986.9439	78.51	28.39	77.82	76.59	66.24792	0	33.75208	22.592	11.16008	34.64916	1
1654.61	1654.949	986.949	77.87	11.34	77.96	76.89	64.91782	0	35.08218	9.433357	25.64882	35.22293	1
1654.615	1654.954	986.9541	78.71	11.89	78.84	77.06	63.70192	0	36.29808	10.64565	25.65243	35.67492	1
1654.62	1654.959	986.9592	78	12.5	77.62	76.62	68.16	0	31.84	7.65807	24.18193	34.63473	1
1654.625	1654.964	986.9643	80.65	29.31	79.8	76.89	65.29648	0	34.70352	20.03072	14.6728	35.11952	1
1654.63	1654.969	986.9693	79.31	18.65	79.23	78.15	63.1415	0	36.8585	7.42403	29.43447	35.53427	1
1654.635	1654.974	986.9744	75.45	10.43	75.34	75.8	68.91444	0	31.08556	6.936734	24.14883	34.12476	1
1654.64	1654.98	986.9795	75.95	12.54	75.69	75	69.10632	0	30.89368	5.734049	25.15963	34.32272	1
1654.645	1654.985	986.9846	76.05	11.94	76.02	75.62	67.37702	0	32.62298	15.48518	17.1378	34.50789	1
1654.65	1654.99	986.9897	76.42	11.46	76.57	76.21	65.75778	0	34.24222	11.51482	22.7274	34.78425	1
1654.655	1654.995	986.9948	75.84	11.6	76.26	76.39	64.165	0	35.835	18.07048	17.76452	34.87168	1
1654.66	1655	986.9999	74.73	12.9	74.62	74.86	68.9791	0	31.0209	19.95075	11.07015	34.06841	1
1654.665	1655.005	987.0049	76.35	21.27	75.43	74.45	71.74066	0	28.25934	14.30456	13.95478	33.9792	1
1654.67	1655.01	987.01	77.36	23.91	76.11	75.39	72.73008	0	27.26992	13.91383	13.35609	33.7681	1
1654.675	1655.015	987.0151	76.14	17.81	74.99	73.51	74.55368	0	25.44632	16.01606	9.430256	33.88207	1
1654.68	1655.02	987.0202	77.65	11	76.69	75.86	73.34	0	26.66	9.599407	17.06059	33.94112	1
1654.685	1655.025	987.0253	80.11	13.19	79.12	78.33	70.77932	0	29.22068	7.832579	21.3881	34.17634	1
1654.69	1655.03	987.0304	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1655.01	1655.356	987.3558	90.19	72.14	89.35	88.82	46.07732	4.525099	49.39758	27.74362	21.65396	33.06752	1
1655.015	1655.361	987.3609	89.37	42.72	89.35	89.39	47.59636	5.445113	46.95853	16.2574	30.70113	33.42885	1
1655.02	1655.366	987.3659	87.06	25.58	87.35	87.12	51.46694	4.249372	44.28369	19.572	24.71168	34.16556	1
1655.025	1655.371	987.371	85.59	33.23	86.01	86.82	49.96054	4.458627	45.58083	32.96424	12.61659	33.60556	1
1655.03	1655.376	987.3761	85.01	52.17	83.5	82.37	60.86816	0	39.13184	14.50014	24.6317	34.70956	1
1655.035	1655.381	987.3812	85.4	36.24	84.71	82.49	58.00942	0.945306	41.04527	24.15768	16.8876	35.44835	1
1655.04	1655.386	987.3863	83.94	31.06	83.92	78.74	55.41368	2.146908	42.43941	25.61786	16.82156	35.52784	1
1655.045	1655.391	987.3914	85.46	60	84.04	80.98	57.8618	0.288338	41.84986	12.77451	29.07536	35.22382	1
1655.05	1655.396	987.3964	84.96	26.14	84.93	85.41	55.74342	2.203952	42.05263	13.93153	28.1211	34.6584	1
1655.055	1655.402	987.4015	83.55	27.48	82.53	81.69	64.38884	0	35.61116	9.899248	25.71191	34.93039	1
1655.06	1655.407	987.4066	85.79	57.61	85.71	83.89	47.75158	4.51887	47.72955	15.68841	32.04114	33.47191	1
1655.065	1655.412	987.4117	88.07	58.14	88.91	89.87	38.39572	9.114843	52.48944	19.8967	32.59273	32.09698	1
1655.07	1655.417	987.4168	87.87	51.1	87.29	89.08	51.2884	3.198477	45.51312	18.7051	26.80802	33.48337	1
1655.075	1655.422	987.4219	83.78	31.95	83.35	83.06	58.523	0.91546	40.56154	19.91488	20.64666	35.16361	1
1655.08	1655.427	987.427	83.47	36.64	83.52	81.9	53.95322	2.545396	43.50138	15.22284	28.27855	34.52193	1
1655.085	1655.432	987.432	82.24	25.52	81.67	80.67	62.58086	0	37.41914	10.26424	27.1549	35.57205	1
1655.09	1655.437	987.4371	77.8	14.21	77.48	76.65	67.46518	0	32.53482	13.57634	18.95848	34.66099	1
1655.095	1655.442	987.4422	75.29	7.46	75.04	75.15	70.86538	0	29.13462	15.34541	13.78921	34.00357	1
1655.1	1655.447	987.4473	72.86	9.42	72.86	72.8	70.68916	0	29.31084	18.48512	10.82572	33.83525	1
1655.105	1655.452	987.4524	73.81	10.75	74.03	74.39	67.7883	0	32.2117	20.93428	11.27742	34.09461	1
1655.11	1655.457	987.4575	76.43	18.61	75.57	75.15	71.84578	0	28.15422	5.056294	23.09793	33.89852	1
1655.115	1655.463	987.4625	77.86	36.6	76.06	75.27	73.4616	0	26.5384	13.73576	12.80264	33.46059	1
1655.12	1655.468	987.4676	77.72	30.78	75.9	75	75.15384	0	24.84616	22.79729	2.048868	33.43842	1
1655.125	1655.473	987.4727	76.75	31.47	75.57	73.92	70.91926	0	29.08074	13.58595	15.49479	34.03217	1
1655.13	1655.478	987.4778	77.07	42.53	75.66	73.33	69.73084	0	30.26916	12.42276	17.8464	34.11416	1
1655.135	1655.483	987.4829	76.88	29.29	76.11	75.16	68.14972	0	31.85028	13.70906	18.14122	34.2641	1
1655.14	1655.488	987.488	76.66	22.78	76.15	74.98	67.91254	0	32.08746	11.2571	20.83036	34.43764	1
1655.145	1655.493	987.4931	77.8	23.67	77.68	76.86	63.62586	0	36.37414	19.30982	17.06432	35.12163	1
1655.15	1655.498	987.4981	79.1	24.92	78.16	75.77	68.48236	0	31.51764	17.79224	13.7254	34.55996	1
1655.155	1655.503	987.5032	80.78	17.59	80.29	79.57	65.22312	0	34.77688	16.97892	17.79796	35.11887	1
1655.16	1655.508	987.5083	79.26	20.08	79.09	77.68	63.53894	0	36.46106	25.60035	10.86071	35.45749	1
1655.165	1655.513	987.5134	79.02	20.54	79.28	78.39	60.31592	0.353371	39.33071	15.26731	24.0634	35.57211	1
1655.17	1655.518	987.5185	79.69	34.16	79.43	78.09	60.43348	0.226925	39.3396	14.58458	24.75501	35.45818	1
1655.175	1655.524	987.5236	79.42	23.08	80.31	81.98	54.45074	2.244048	43.30521	16.90062	26.40459	34.06211	1
1655.18	1655.529	987.5286	78.45	19.99	79.18	80	57.33092	1.237842	41.43124	22.67319	18.75805	34.70441	1
1655.185	1655.534	987.5337	78.35	16.33	78.27	78.92	64.58614	0	35.41386	16.54636	18.8675	34.8881	1
1655.19	1655.539	987.5388	81.77	20.57	81.55	80.21	61.49866	0.066769	38.43457	25.99198	12.44259	36.0244	1
1655.195	1655.544	987.5439	83.97	13.86	83.41	82.7	63.73348	0	36.26652	20.27685	15.98967	35.74775	1
1655.2	1655.549	987.549	85.61	11.48	85.55	85.59	58.92564	1.39389	39.68047	20.57858	19.10189	35.57445	1
1655.205	1655.554	987.5541	85.02	11.76	84.76	84.71	60.95068	0.523162	38.52616	18.05127	20.47488	35.97688	1
1655.21	1655.559	987.5591	85.62	14.89	85.54	85.44	58.24622	1.562224	40.19156	11.45245	28.7391	35.41846	1
1655.215	1655.564	987.5642	85.76	14.79	85.61	85.41	58.68412	1.382953	39.93293	17.7168	22.21613	35.53087	1
1655.22	1655.569	987.5693	86.27	19.76	86.43	85.47	54.60968	2.998189	42.39213	29.09333	13.2988	34.8648	1
1655.225	1655.574	987.5744	85.95	13.23	86.02	85.67	57.18184	2.098569	40.71959	16.7289	23.99069	35.29566	1
1655.23	1655.579	987.5795	85.04	11.2	85.16	84.88	58.1228	1.71406	40.16314	22.91686	17.24628	35.45559	1
1655.235	1655.585	987.5846	86.17	12.21	86.41	87.41	55.90878	2.716042	41.37518	12.15825	29.21693	34.83064	1
1655.24	1655.59	987.5897	85.69	19.85	86.04	86.78	53.649	3.368995	42.982	17.25003	25.73197	34.3663	1
1655.245	1655.595	987.5947	84.19	27.49	83.98	83.53	57.52012	1.423435	41.05645	14.12228	26.93417	35.09394	1

1655.25	1655.6	987.5998	82.09	23.31	82.06	80.76	59.06868	0.884741	40.04658	13.40304	26.64354	35.50658	1
1655.255	1655.605	987.6049	82.26	19.58	81.63	80.07	64.46494	0	35.53506	16.66539	18.86967	35.41462	1
1655.26	1655.61	987.61	80.94	14.27	80.49	79.61	65.56936	0	34.43064	15.43047	19.00017	35.19006	1
1655.265	1655.615	987.6151	81	14.36	80.96	80.1	62.31488	0	37.68512	23.83319	13.85193	35.98722	1
1655.27	1655.62	987.6202	79.26	15.1	79.41	78.55	62.2641	0	37.7359	7.569715	30.16618	35.78805	1
1655.275	1655.625	987.6252	79.26	8.94	79.35	78.39	64.21982	0	35.78018	24.28403	11.49615	35.55432	1
1655.28	1655.63	987.6303	82.34	19.79	82.41	81.33	58.91552	1.021098	40.06338	16.25341	23.80997	35.50691	1
1655.285	1655.635	987.6354	82.75	17.94	82.65	81.66	60.30352	0.566936	39.12954	13.94632	25.18322	35.81044	1
1655.29	1655.641	987.6405	81.76	17.07	81.94	79.02	59.25486	0.920738	39.8244	15.86814	23.95626	35.93047	1
1655.295	1655.646	987.6456	82.12	15.64	82.17	82.02	60.27722	0.601006	39.12177	11.80593	27.31585	35.65815	1
1655.3	1655.651	987.6507	80.41	23.32	81.29	79.81	53.55936	2.674294	43.76635	31.98398	11.78236	34.53678	1
1655.305	1655.656	987.6558	77.21	14.07	77.51	76.74	63.23686	0	36.76314	19.12727	17.63587	35.33581	1
1655.31	1655.661	987.6608	76.4	13.72	76.39	75.74	66.46926	0	33.53074	5.488572	28.04217	34.68102	1
1655.315	1655.666	987.6659	76.88	21.68	77.48	77.5	59.37384	0.468196	40.15796	16.41078	23.74718	35.10875	1
1655.32	1655.671	987.671	75.45	15.17	75.68	75.92	65.13236	0	34.86764	25.3941	9.473539	34.58869	1
1655.325	1655.676	987.6761	77.26	16.76	76.98	76.74	67.03488	0	32.96512	9.954872	23.01025	34.53144	1
1655.33	1655.681	987.6812	76.28	10.42	76.26	76.27	67.45576	0	32.54424	7.792282	24.75196	34.46165	1
1655.335	1655.686	987.6863	77.34	38.19	76.62	75.98	65.18522	0	34.81478	9.938163	24.87662	34.49294	1
1655.34	1655.691	987.6913	77.08	23.44	77.09	76.62	63.33642	0	36.66358	12.84504	23.81854	35.04894	1
1655.345	1655.696	987.6964	77.05	24.23	77.55	75.77	59.37534	0.477848	40.14681	15.77939	24.36742	35.3984	1
1655.35	1655.702	987.7015	77.61	19.75	77.43	76.86	65.2143	0	34.7857	22.1049	12.6808	34.85519	1
1655.355	1655.707	987.7066	78.2	16.33	78.47	77.92	62.01164	0	37.98836	24.29239	13.69597	35.61931	1
1655.36	1655.712	987.7117	77.57	18.29	77.89	77.22	61.72942	0	38.27058	15.19437	23.07621	35.56828	1
1655.365	1655.717	987.7168	77.36	17.91	77.21	76.86	65.65708	0	34.34292	20.90583	13.43709	34.75797	1
1655.37	1655.722	987.7219	78.33	22.98	78.17	77.27	63.61524	0	36.38476	17.22111	19.16365	35.19563	1
1655.375	1655.727	987.7269	79.51	16.39	78.94	77.77	67.30192	0	32.69808	7.452742	25.24534	34.76833	1
1655.38	1655.732	987.732	83.21	23.06	83.15	83.13	58.33128	1.200908	40.46781	10.82974	29.63807	35.18707	1
1655.385	1655.737	987.7371	85.11	29.64	85.16	86.61	54.13842	2.762712	43.09887	26.74396	16.35491	34.15748	1
1655.39	1655.742	987.7422	86.49	65.14	85.44	86.17	52.80282	2.065176	45.132	28.91903	16.21298	33.6444	1
1655.395	1655.747	987.7473	89.54	79.82	87.57	87.12	53.57426	0.544899	45.88084	28.90628	16.97456	34.03421	1
1655.4	1655.752	987.7524	86.82	16.66	86.86	85.94	55.78388	2.63335	41.58277	27.41278	14.16999	35.12655	1
1655.405	1655.757	987.7574	85.54	20.07	84.96	84.5	60.94126	0.25177	38.80697	12.49778	26.30919	35.95501	1
1655.41	1655.763	987.7625	87.76	31.92	87.34	87.55	54.79116	2.437772	42.77107	16.85253	25.91854	34.58719	1
1655.415	1655.768	987.7676	89.77	66.06	90.43	90.2	36.31008	10.05634	53.63358	37.84777	15.7858	32.1125	1
1655.42	1655.773	987.7727	88.88	66.04	89.21	86.09	39.69122	8.141623	52.16716	27.21277	24.95439	32.87961	1
1655.425	1655.778	987.7778	86.49	34.85	85.92	84.92	56.413	1.61862	41.96838	14.73172	27.23666	35.00124	1
1655.43	1655.783	987.7829	86.5	30.86	85.94	84.96	57.29188	1.386647	41.32147	17.85375	23.46773	35.21725	1
1655.435	1655.788	987.788	89.23	52.53	88.73	86.95	49.07114	4.149865	46.779	25.33374	21.44526	33.85979	1
1655.44	1655.793	987.793	90.98	43.55	90.79	88.85	47.2318	5.652679	47.11552	23.10095	24.01457	33.78901	1
1655.445	1655.798	987.7981	90.83	28.17	91.2	92.14	46.75176	6.957282	46.29096	28.65146	17.6395	33.31583	1
1655.45	1655.803	987.8032	91.84	35.57	93.06	94	37.44426	12.13992	50.41582	30.61694	19.79888	32.21233	1
1655.455	1655.808	987.8083	90.18	44.28	91.2	91.49	38.41364	10.4331	51.15326	23.4986	27.65466	32.3641	1
1655.46	1655.813	987.8134	89.7	48.1	89.81	90.26	44.9833	6.514301	48.5024	30.26961	18.23279	32.96652	1
1655.465	1655.818	987.8185	87.5	38.62	87.17	86.61	52.71146	3.105108	44.18343	20.65713	23.5263	34.27701	1
1655.47	1655.824	987.8235	85.77	19.95	85.71	85.73	56.7287	2.034844	41.23646	13.44031	27.79614	35.04065	1
1655.475	1655.829	987.8286	85.02	24.54	84.69	85.43	58.40042	1.16364	40.43594	11.68625	28.74969	35.12446	1
1655.48	1655.834	987.8337	83.84	25.09	83.93	85.23	56.09792	2.038383	41.8637	29.57515	12.28855	34.5331	1
1655.485	1655.839	987.8388	82.94	31.83	83.63	84.61	50.64484	3.902244	45.45292	31.62127	13.83165	33.60363	1
1655.49	1655.844	987.8439	86.06	28.58	85.4	84.79	59.02344	0.744716	40.23184	9.892982	30.33886	35.4941	1
1655.495	1655.849	987.849	85.92	23.56	85.76	86.17	56.49208	2.008841	41.49908	19.74612	21.75296	34.88136	1
1655.5	1655.854	987.8541	86.02	21.56	86.37	86.91	52.93158	3.651273	43.41715	23.22195	20.19519	34.27095	1
1655.505	1655.859	987.8591	86.9	10.94	86.74	87	58.64452	1.579773	39.77571	27.59568	12.18003	35.53741	1
1655.51	1655.864	987.8642	86.44	10.38	86.37	86.61	58.50574	1.650385	39.84387	21.02123	18.82264	35.50081	1
1655.515	1655.869	987.8693	83.7	13.31	83.83	84.32	58.76748	1.306302	39.92622	29.78231	10.1439	35.34958	1
1655.52	1655.874	987.8744	85.02	26.35	85.26	85.61	53.5449	3.117753	43.33735	23.18436	20.15298	34.30531	1
1655.525	1655.879	987.8795	80.38	23.14	81.21	82.04	54.01802	2.51522	43.46676	22.26986	21.1969	34.17976	1
1655.53	1655.885	987.8846	78.57	44.59	80.84	82.55	39.33232	6.819628	53.84805	29.86453	23.98352	32.10902	1
1655.535	1655.89	987.8896	78.94	57.48	80.14	82.37	44.16504	5.136364	50.6986	33.44382	17.25478	32.11055	1
1655.54	1655.895	987.8947	78.27	28.6	78.91	78.5	56.1104	1.534276	42.35532	11.88389	30.47143	34.55736	1
1655.545	1655.9	987.8998	78.76	41	79.37	80.96	52.8913	2.486964	44.62174	27.54878	17.07296	33.49216	1
1655.55	1655.905	987.9049	78.18	43.57	78.26	76.39	56.91046	1.205975	41.88357	23.33025	18.55332	34.66647	1
1655.555	1655.91	987.91	75.9	29.65	75.74	79.26	64.2367	0	35.7633	22.54205	13.22125	33.94687	1
1655.56	1655.915	987.9151	77.71	44.16	76.33	76.59	68.51508	0	31.48492	23.13414	8.350784	33.7179	1
1655.565	1655.92	987.9201	77.1	25.36	76.89	75.94	64.55838	0	35.44162	9.719564	25.72206	34.88384	1
1655.57	1655.925	987.9252	77.85	17.1	77.41	76.15	67.6498	0	32.3502	19.06296	13.28724	34.64665	1
1655.575	1655.93	987.9303	77.28	16.3	76.57	75.86	70.4603	0	29.5397	14.01445	15.52525	34.14689	1
1655.58	1655.935	987.9354	76.92	13.46	76.61	75.72	68.37878	0	31.62122	17.93709	13.68413	34.49283	1
1655.585	1655.94	987.9405	79.01	23.83	78.23	76.04	67.58894	0	32.41106	6.613997	25.79706	34.69843	1
1655.59	1655.946	987.9456	79.35	23.7	78.27	76.92	69.6326	0	30.3674	23.23649	7.130913	34.2004	1
1655.595	1655.951	987.9507	80.2	19.02	79.52	78.16	66.88316	0	33.11684	23.24045	9.876388	34.8174	1
1655.6	1655.956	987.9557	80.89	15.07	80.37	79.94	65.96426	0	34.03574	22.55241	11.48333	34.98439	1
1655.605	1655.961	987.9608	80.74	14.92	80.47	79.92	64.20106	0	35.79894	13.22124	22.5777	35.41371	1
1655.61	1655.966	987.9659	79.7	20.95	79.52	79.69	63.0011	0	36.9989	14.72144	22.27746	35.28909	1

1655.615	1655.971	987.971	80.15	17.15	79.59	78.21	66.4517	0	33.5483	16.10042	17.44788	34.9661	1
1655.62	1655.976	987.9761	78.47	15.21	78.02	77.21	67.61428	0	32.38572	20.87648	11.50924	34.63928	1
1655.625	1655.981	987.9812	79.4	18.93	79.37	78.16	62.60344	0	37.39656	23.49138	13.90518	35.67059	1
1655.63	1655.986	987.9862	79.63	12.63	79.96	79.27	61.12644	0.209978	38.66358	13.50141	25.16217	35.86248	1
1655.635	1655.991	987.9913	80.29	8.86	79.98	79.68	66.39158	0	33.60842	16.10677	17.50165	35.05118	1
1655.64	1655.996	987.9964	80.95	15.38	81.02	82.41	61.26154	0.207435	38.53102	17.29886	21.23217	35.51716	1
1655.645	1656.002	988.0015	81.54	26.89	82.45	82.69	51.42332	3.529148	45.04753	23.8861	21.16144	33.88314	1
1655.65	1656.007	988.0066	78.73	16.98	78.82	77.74	62.76174	0	37.23826	21.14639	16.09187	35.59882	1
1655.655	1656.012	988.0117	78.95	15.19	78.7	78.16	65.62752	0	34.37248	9.474076	24.8984	34.97742	1
1655.66	1656.017	988.0168	78.55	14.95	78.21	77.92	66.7511	0	33.2489	9.864112	23.38479	34.70318	1
1655.665	1656.022	988.0218	77.89	12.17	78	77.62	64.54356	0	35.45644	13.24128	22.21516	35.13897	1
1655.67	1656.027	988.0269	78.42	12.4	78.33	78.16	65.5503	0	34.4497	16.07757	18.37213	34.9564	1
1655.675	1656.032	988.032	79.6	14.11	79.84	79.51	61.49338	0.074598	38.43202	18.16905	20.26297	35.84019	1
1655.68	1656.037	988.0371	81.62	19.56	81.33	80.62	62.42358	0	37.57642	21.94426	15.63216	35.77364	1
1655.685	1656.042	988.0422	80.68	19.97	80.68	80.11	60.94166	0.239316	38.81902	25.10887	13.71016	35.72056	1
1655.69	1656.047	988.0473	78.84	22.9	78.66	78.51	63.3204	0	36.6796	19.18201	17.49759	35.15602	1
1655.695	1656.052	988.0523	78.53	40.01	78.74	78.49	56.44248	1.381181	42.17634	17.94528	24.23106	34.37538	1
1655.7	1656.057	988.0574	82.45	82.98	83.53	82.18	35.69484	8.273537	56.03162	28.31994	27.71168	31.9422	1
1655.705	1656.063	988.0625	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1656.005	1656.368	988.3676	105.93	55.1	106.28	105.67	26.4977	23.31034	50.19196	37.01047	13.18149	31.13691	1
1656.01	1656.373	988.3727	96.51	28.12	96.27	94.43	46.26576	7.740326	45.99391	15.08333	30.91059	33.87218	1
1656.015	1656.378	988.3778	91.4	22.19	91.26	91.61	51.62702	4.65798	43.715	28.0482	15.6668	34.25098	1
1656.02	1656.383	988.3828	92.75	16.86	92.69	91.82	51.05488	5.454896	43.49022	16.08383	27.40639	34.45661	1
1656.025	1656.388	988.3879	92.16	29.3	92	91.47	49.3622	5.47878	45.15902	30.26766	14.89136	34.00269	1
1656.03	1656.393	988.393	92.41	37.57	92.04	91.5	48.75836	5.215758	46.02588	21.27591	24.74998	33.85657	1
1656.035	1656.398	988.3981	93.55	29.72	93.33	93.88	48.44676	6.041624	45.51162	33.48576	12.02586	33.69674	1
1656.04	1656.403	988.4032	94.5	44.85	93.84	93.29	47.3213	5.421172	47.25753	26.19612	21.06141	33.67607	1
1656.045	1656.408	988.4083	95.8	45.7	96.43	98	35.9221	13.29564	50.78226	28.51513	22.26713	31.86819	1
1656.05	1656.413	988.4133	96.61	40.79	96.35	96.82	43.26262	8.551363	48.18602	29.87881	18.3072	32.96423	1
1656.055	1656.418	988.4184	93.49	47.03	92.85	92.65	47.56794	5.151712	47.28035	31.37344	15.90691	33.59036	1
1656.06	1656.424	988.4235	90.52	30.91	90.22	90.28	51.56638	4.095101	44.33852	22.46895	21.86957	34.18424	1
1656.065	1656.429	988.4286	88.02	30.08	88.29	88.76	49.64974	4.99463	45.35563	26.02536	19.33027	33.72712	1
1656.07	1656.434	988.4337	88.78	29.67	88.96	88.88	49.74726	5.037799	45.21494	28.36262	16.85233	33.87023	1
1656.075	1656.439	988.4388	88.68	22.76	88.72	88.89	52.59648	3.971844	43.43168	20.6937	22.73798	34.35189	1
1656.08	1656.444	988.4439	92.4	25.26	92.31	92.47	49.57658	5.668992	44.75443	16.7218	28.03263	33.94622	1
1656.085	1656.449	988.4489	89.6	29.46	89.12	87.35	54.15868	2.832336	43.00898	25.45065	17.55834	34.95001	1
1656.09	1656.454	988.454	85.97	15.91	86.3	86.94	54.49988	3.175727	42.32439	15.78345	26.54094	34.58339	1
1656.095	1656.459	988.4591	87.7	23.14	87.68	87.59	53.87112	3.277391	42.85149	27.03843	15.81306	34.57855	1
1656.1	1656.464	988.4642	88.23	48.22	88.52	89.71	44.91166	6.411514	48.67683	28.98486	19.69196	32.77184	1
1656.105	1656.469	988.4693	86.85	46.47	86.28	86.83	53.26976	2.534946	44.19529	25.07911	19.11619	34.02392	1
1656.11	1656.474	988.4744	86.17	28.25	86.4	86.82	52.1046	3.764222	44.13118	21.9381	22.19308	34.0724	1
1656.115	1656.479	988.4794	86.26	21.19	85.57	84.65	60.86032	0.214988	38.92469	15.54107	23.38363	36.04141	1
1656.12	1656.485	988.4845	85.11	29.32	85.19	85.44	53.98336	2.838496	43.17814	23.91255	19.26559	34.35148	1
1656.125	1656.49	988.4896	85.45	18.83	85.25	85.24	58.37914	1.363574	40.25729	12.74766	27.50962	35.3566	1
1656.13	1656.495	988.4947	85.27	14.19	85.29	85.18	57.96262	1.692196	40.34518	15.03762	25.30757	35.35212	1
1656.135	1656.5	988.4998	85.49	26.82	85.78	85.5	52.61126	3.538629	43.85011	16.08115	27.76897	34.2769	1
1656.14	1656.505	988.5049	84.56	28.66	84.97	85.53	52.09158	3.605227	44.30319	32.49281	11.81038	33.98373	1
1656.145	1656.51	988.51	84.36	33.46	85.03	85.76	49.09898	4.665474	46.23555	23.45381	22.78173	33.45411	1
1656.15	1656.515	988.515	83.65	22.69	84.2	84.61	53.28852	3.203419	43.50806	32.53447	10.97359	34.25417	1
1656.155	1656.52	988.5201	83.44	35.59	84.91	85.59	43.22992	6.853509	49.91657	18.92144	30.99513	32.76448	1
1656.16	1656.525	988.5252	84.46	46.65	85.47	85.71	43.18	6.718577	50.10142	19.08513	31.01629	32.69875	1
1656.165	1656.53	988.5303	85.21	32.6	85.61	86.11	50.6176	4.157454	45.22495	19.47625	25.7487	33.74274	1
1656.17	1656.535	988.5354	87.04	60.65	87.5	87.47	41.6809	7.223322	51.09578	33.98419	17.11159	32.48736	1
1656.175	1656.54	988.5405	84.43	28.71	84.46	83.76	55.14408	2.344363	42.51156	24.24023	18.27132	34.70179	1
1656.18	1656.546	988.5455	82.04	24.04	82.06	80.39	58.55052	1.054484	40.395	12.39205	28.00295	35.45472	1
1656.185	1656.551	988.5506	78.82	10.91	79.06	78.94	62.98538	0	37.01462	12.8634	24.15122	35.55005	1
1656.19	1656.556	988.5557	77.31	11.05	77.08	76.88	67.9832	0	32.0168	21.99521	10.02159	34.48928	1
1656.195	1656.561	988.5608	76.04	17.52	75.57	74.67	69.44586	0	30.55414	15.58821	14.96593	34.24117	1
1656.2	1656.566	988.5659	76.03	27.34	75.22	75.24	69.71362	0	30.28638	8.589287	21.69709	33.90819	1
1656.205	1656.571	988.571	76.18	17.27	75.73	75.35	69.22256	0	30.77744	5.183425	25.59401	34.18128	1
1656.21	1656.576	988.576	79.63	35.46	79.11	77.78	62.18908	0	37.81092	23.82939	13.98153	35.30744	1
1656.215	1656.581	988.5811	82.43	44.59	81.62	80.41	59.65112	0.284975	40.0639	10.62127	29.44263	35.25146	1
1656.22	1656.586	988.5862	82.02	31.99	81.32	80.82	62.22502	0	37.77498	19.29975	18.47523	35.30261	1
1656.225	1656.591	988.5913	81.21	35.82	80.3	79.56	63.67086	0	36.32914	8.59439	27.73475	34.84775	1
1656.23	1656.596	988.5964	79.89	29.85	79.88	80	59.355	0.614398	40.0306	20.26305	19.76755	35.0661	1
1656.235	1656.601	988.6015	77.04	20.8	77.31	77.82	61.9971	0	38.0029	23.00429	14.99861	35.16289	1
1656.24	1656.607	988.6066	76.68	19.63	76.5	76.06	66.09894	0	33.90106	20.37792	13.52314	34.60992	1
1656.245	1656.612	988.6116	78	25.97	77.61	76	64.97776	0	35.02224	10.05655	24.96569	34.96909	1
1656.25	1656.617	988.6167	77.41	21.08	77.29	76.24	64.61144	0	35.38856	23.80344	11.58512	34.99774	1
1656.255	1656.622	988.6218	76.8	22.23	76.48	75.74	66.44434	0	33.55566	16.0962	17.45946	34.57459	1
1656.26	1656.627	988.6269	74.7	13.54	75	75.57	65.67432	0	34.32568	14.50394	19.82174	34.37343	1
1656.265	1656.632	988.632	75.75	17.72	75.9	75.8	64.85926	0	35.14074	21.65502	13.48572	34.68041	1
1656.27	1656.637	988.6371	76.28	12.47	76.17	75.66	67.65716	0	32.34284	19.06223	13.28061	34.48725	1

1656.275	1656.642	988.6421	75.61	11.99	75.28	75.23	70.09472	0	29.90528	7.455854	22.44943	34.06457	1
1656.28	1656.647	988.6472	76.98	11.85	76.63	76.63	69.0232	0	30.9768	20.19669	10.78011	34.26681	1
1656.285	1656.652	988.6523	75.46	8.72	75.29	74.81	69.78406	0	30.21594	9.693054	20.52289	34.20987	1
1656.29	1656.657	988.6574	76.35	21	76.51	75.41	63.436	0	36.564	18.85787	17.70613	35.10834	1
1656.295	1656.662	988.6625	75.21	19.79	75.31	75.13	65.24262	0	34.75738	7.556733	27.20065	34.55052	1
1656.3	1656.668	988.6676	75.69	10.94	75.61	75.22	68.33772	0	31.66228	10.11601	21.54627	34.34939	1
1656.305	1656.673	988.6727	75.87	15.32	75.79	76.02	67.11216	0	32.88784	24.29698	8.590857	34.34449	1
1656.31	1656.678	988.6777	75.12	16.45	75.52	76.88	63.8087	0	36.1913	13.33782	22.85348	34.51088	1
1656.315	1656.683	988.6828	75.68	12.93	75.51	75.69	68.56284	0	31.43716	11.33962	20.09754	34.18755	1
1656.32	1656.688	988.6879	75.26	10.23	75.26	75.47	68.28514	0	31.71486	15.52104	16.19382	34.21539	1
1656.325	1656.693	988.693	74.15	13.12	74.36	74.76	66.97946	0	33.02054	6.025549	26.99499	34.18196	1
1656.33	1656.698	988.6981	76.42	12.88	76.57	77.67	65.41414	0	34.58586	20.64262	13.94324	34.52854	1
1656.335	1656.703	988.7032	75.4	10.02	75.39	75.71	68.28466	0	31.71534	20.71608	10.99926	34.21104	1
1656.34	1656.708	988.7082	73.98	11.65	73.78	73.74	70.6691	0	29.3309	15.59181	13.73909	33.90251	1
1656.345	1656.713	988.7133	73.67	12.37	73.72	73.94	68.84256	0	31.15744	16.98341	14.17403	33.97888	1
1656.35	1656.718	988.7184	73.37	8.28	73.27	73.11	71.27084	0	28.72916	17.59214	11.13702	33.85449	1
1656.355	1656.723	988.7235	69.46	34.01	69.7	69.68	66.00638	0	33.99362	18.25787	15.73575	33.77309	1
1656.36	1656.729	988.7286	68.75	30.07	68.57	68.53	70.86806	0	29.13194	18.91519	10.21675	33.51136	1
1656.365	1656.734	988.7337	73.39	18.33	73.49	73.41	67.27034	0	32.72966	21.59593	11.13373	34.11369	1
1656.37	1656.739	988.7388	103.7186	26.84697	104.4098	104.7186	32.72537	21.38798	45.88665	30.90131	14.98534	31.39233	1
1656.375	1656.744	988.7438	92.46528	61.04397	94.28942	98.24878	26.02225	17.46978	56.50798	25.58042	30.92756	30.92549	1
1656.38	1656.749	988.7489	91.71117	53.82287	91.26011	91.95853	46.09632	5.588666	48.31501	32.3171	15.99791	33.07819	10
1656.385	1656.754	988.754	101.9173	73.40014	100.9493	101.8417	35.97559	9.797502	54.2269	31.71278	22.51413	32.16601	10
1656.39	1656.759	988.7591	108.768	67.86841	107.7604	110.9071	31.31774	14.27364	54.40862	38.99001	15.41861	31.32363	10
1656.395	1656.764	988.7642	106.4678	78.2645	105.6069	106.7598	29.78119	14.37106	55.84775	24.10768	31.74007	31.58609	10
1656.4	1656.769	988.7693	103.4456	65.15923	102.7015	101.7751	34.82834	11.9975	53.17416	31.29116	21.883	32.34931	10
1656.405	1656.774	988.7743	99.00364	44.73339	100.1003	101.3577	29.5923	19.55182	50.85588	24.33531	26.52057	31.29288	10
1656.41	1656.779	988.7794	102.501	42.56226	104.2753	108.711	21.64836	29.71381	48.63783	28.0208	20.61703	29.88523	1
1656.415	1656.785	988.7845	103.1116	33.818	104.0204	103.9483	29.91023	22.83691	47.25286	22.75505	24.49781	31.24437	1
1656.42	1656.79	988.7896	72.64	20.4	72.72	72.72	67.6144	0	32.3856	23.20647	9.179132	33.97916	1
1656.425	1656.795	988.7947	74.01	7.85	73.8	73.53	71.6386	0	28.3614	10.33263	18.02877	33.90127	1
1656.43	1656.8	988.7998	75.68	17.54	75.8	75.35	65.19972	0	34.80028	19.59654	15.20374	34.68752	1
1656.435	1656.805	988.8049	74.79	15.87	74.63	74.06	68.59266	0	31.40734	16.78681	14.62053	34.21624	1
1656.44	1656.81	988.8099	73.41	13.75	73.33	72.18	69.7553	0	30.2447	14.0556	16.1891	34.11944	1
1656.445	1656.815	988.815	73.07	18.4	73.09	70.61	68.1678	0	31.8322	9.477317	22.35488	34.4403	1
1656.45	1656.82	988.8201	71.99	31.94	72.71	70.91	60.45972	0	39.54028	12.95661	26.58367	34.97079	1
1656.455	1656.825	988.8252	69.5	22.4	69.26	69.71	72.4992	0	27.5008	17.44109	10.05971	33.40143	1
1656.46	1656.83	988.8303	69.65	15.38	69.59	69.88	72.66504	0	27.33496	12.45366	14.8813	33.39894	1
1656.465	1656.835	988.8354	70.94	19.96	70.2	68.9	75.63988	0	24.36012	9.327059	15.03306	33.77378	1
1656.47	1656.84	988.8404	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1656.475	1656.846	988.8455	65.59	41.8	64.6	64.38	77.2141	0	22.7859	19.77117	3.014727	33.73489	1
1656.48	1656.851	988.8506	64.42	23.23	63.78	62.78	80.07194	0	19.92806	6.202799	13.72526	33.72558	1
1656.485	1656.856	988.8557	65.74	23.74	65.26	64.53	77.49412	0	22.50588	7.011116	15.49476	33.54205	1
1656.49	1656.861	988.8608	63.1	32.45	62.85	62.12	76.0326	0	23.9674	21.25338	2.714015	33.4301	1
1656.495	1656.866	988.8659	64.62	16.59	64.56	64.56	76.99982	0	23.00018	9.877919	13.12226	33.16983	1
1656.5	1656.871	988.871	65.91	11.65	65.88	65.94	76.776	0	23.224	5.035398	18.1886	33.17257	1
1656.505	1656.876	988.876	65.84	11.93	65.85	65.56	76.46264	0	23.53736	9.963228	13.57413	33.21794	1
1656.51	1656.881	988.8811	65.79	17.02	65.85	65.18	74.88936	0	25.11064	17.82418	7.286459	33.28399	1
1656.515	1656.886	988.8862	67.09	18.57	67.02	67.12	74.32576	0	25.67424	10.23121	15.44303	33.25814	1
1656.52	1656.891	988.8913	66.77	12.17	66.71	66.82	76.09146	0	23.90854	22.31989	1.588646	33.21032	1
1656.525	1656.896	988.8964	65.76	16.42	65.94	66	74.13216	0	25.86784	12.74926	13.11858	33.10654	1
1656.53	1656.901	988.9015	66.61	18.36	66.53	66.71	74.89568	0	25.10432	15.70877	9.395546	33.21865	1
1656.535	1656.907	988.9065	68.97	27.69	68.58	67.59	72.86912	0	27.13088	10.67855	16.45233	33.66925	1
1656.54	1656.912	988.9116	69.18	17.8	69.55	69.39	69.1793	0	30.8207	15.70737	15.11333	33.52816	1
1656.545	1656.917	988.9167	68.39	20.32	68.78	69.82	69.14126	0	30.85874	19.62085	11.23789	33.23006	1
1656.55	1656.922	988.9218	69.88	16.16	70.11	70.44	70.01718	0	29.98282	14.4026	15.58022	33.48022	1
1656.555	1656.927	988.9269	70.49	20.11	70.63	70.82	69.19758	0	30.80242	18.1057	12.69672	33.61838	1
1656.56	1656.932	988.932	71.8	15.4	72	72.53	68.6672	0	31.3328	8.864794	22.46801	33.7243	1
1656.565	1656.937	988.937	77.83	10.34	77.7	77.22	66.90162	0	33.09838	22.18855	10.90983	34.76456	1
1656.57	1656.942	988.9421	84.44	13.31	84.76	85	56.61418	2.224456	41.16136	24.5027	16.65866	35.0116	1
1656.575	1656.947	988.9472	86.97	16.71	87.59	88.35	51.13878	4.802187	44.05903	28.4115	15.64753	34.024	1
1656.58	1656.952	988.9523	84.97	22.42	85.48	87.28	52.44946	3.7131	43.83744	26.48987	17.34757	33.9079	1
1656.585	1656.957	988.9574	84.5	29.23	84.84	85.53	52.55134	3.390888	44.05777	23.31645	20.74132	34.01571	1
1656.59	1656.962	988.9625	85.8	21.2	85.63	86.76	57.2511	1.765965	40.98294	11.84288	29.14005	34.90785	1
1656.595	1656.968	988.9676	85.82	17.52	85.65	85.44	58.12326	1.525904	40.35084	15.16319	25.18764	35.37486	1
1656.6	1656.973	988.9726	84.22	21.51	84.16	85.12	57.77718	1.492237	40.73058	12.74904	27.98154	34.96206	1
1656.605	1656.978	988.9777	85.58	17.1	85.49	85.26	57.8257	1.661318	40.51298	25.67305	14.83993	35.31592	1
1656.61	1656.983	988.9828	84.38	24.49	84.11	82.46	58.53632	1.108228	40.35545	21.84526	18.51019	35.55065	1
1656.615	1656.988	988.9879	83.56	14.9	83.29	83.98	61.6115	0.161423	38.22708	17.16203	21.06504	35.84668	1
1656.62	1656.993	988.993	80.67	17	80.72	81.02	61.2821	0.16513	38.55277	13.36843	25.18434	35.67194	1
1656.625	1656.998	988.9981	78.83	22.12	78.68	78.66	63.28586	0	36.71414	13.00624	23.7079	35.15137	1
1656.63	1657.003	989.0031	80.49	19.64	80.31	79.39	62.59132	0	37.40868	18.79791	18.61077	35.68136	1
1656.635	1657.008	989.0082	79.91	20.22	79.55	77.68	64.37956	0	35.62044	11.76033	23.86011	35.38395	1

1656.64	1657.013	989.0133	81.91	30.75	81.02	78.55	64.0988	0	35.9012	13.29329	22.60791	35.2244	1
1656.645	1657.018	989.0184	78.19	28.29	77.71	77.02	64.93902	0	35.06098	22.42595	12.63503	34.75885	1
1656.65	1657.023	989.0235	79.07	26.18	78.75	78.31	63.40004	0	36.59996	18.25726	18.3427	35.11069	1
1656.655	1657.029	989.0286	81.86	16.12	81.07	80.29	66.91026	0	33.08974	24.13266	8.95708	34.79307	1
1656.66	1657.034	989.0337	82.68	11.45	82.35	81.15	63.721	0	36.279	23.00835	13.27065	35.9011	1
1656.665	1657.039	989.0387	82.02	11.44	81.66	81.09	64.56312	0	35.43688	25.30402	10.13286	35.52304	1
1656.67	1657.044	989.0438	84.74	18.43	84.35	84.06	60.60164	0.459669	38.93869	19.70301	19.23568	35.82223	1
1656.675	1657.049	989.0489	83.67	24.01	83.15	82.68	61.24318	0.077825	38.679	13.95797	24.72103	35.84426	1
1656.68	1657.054	989.054	83.11	13.72	82.7	82.35	63.39606	0	36.60394	22.92775	13.67619	35.75276	1
1656.685	1657.059	989.0591	82.77	20.34	82.31	81.44	62.49432	0	37.50568	7.850241	29.65544	35.79507	1
1656.69	1657.064	989.0642	83.39	34.7	82.65	81.65	60.6188	0.076711	39.30449	20.26972	19.03477	35.62484	1
1656.695	1657.069	989.0692	84.62	33.64	84.73	84.76	53.15622	3.010847	43.83293	21.6846	22.14834	34.17104	1
1656.7	1657.074	989.0743	81.83	19.44	82	81.56	58.69442	1.080247	40.22533	17.85559	22.36975	35.31758	1
1656.705	1657.079	989.0794	81.71	14.85	81.97	82.35	59.2181	0.972286	39.80961	29.98737	9.822239	35.33701	1
1656.71	1657.084	989.0845	85.67	10.08	85.62	86	59.13174	1.358469	39.50979	20.36323	19.14656	35.56199	1
1656.715	1657.09	989.0896	88.17	11.26	88.29	88	55.22868	3.235702	41.53562	26.61278	14.92284	35.00976	1
1656.72	1657.095	989.0947	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1657	1657.379	989.3794	123.22	512.69	118.88	146.67	0	0	100	100	0	-9999	1
1657.005	1657.384	989.3845	111.14	87.67	109.75	107.53	27.30756	13.5551	59.13734	36.28336	22.85398	32.29343	1
1657.01	1657.39	989.3896	109.55	40.84	108.83	108.75	34.91072	16.1789	48.91038	25.60302	23.30735	31.9449	1
1657.015	1657.395	989.3947	106.07	23.47	105.65	105.09	39.99086	14.27579	45.73335	16.80565	28.92771	32.6344	1
1657.02	1657.4	989.3997	104.86	18.47	104.88	105.14	38.90406	16.50744	44.5885	16.5174	28.0711	32.20902	1
1657.025	1657.405	989.4048	102.82	30.31	102.63	101.71	39.54308	13.41084	47.04608	21.63816	25.40792	32.69521	1
1657.03	1657.41	989.4099	100.04	31.39	100.41	99.22	37.49932	14.81053	47.69015	15.93471	31.75544	32.46783	1
1657.035	1657.415	989.415	99.07	40.31	99.39	99.18	36.62058	14.10224	49.27718	33.24576	16.03142	32.22728	1
1657.04	1657.42	989.4201	97.21	38.14	96.49	95.41	46.91692	6.133028	46.95005	26.80858	20.14147	33.84263	1
1657.045	1657.425	989.4252	95.84	32.91	96.02	96.33	42.46798	9.92799	47.60403	24.28418	23.31985	32.87242	1
1657.05	1657.43	989.4302	94.78	58.29	94.44	95.12	41.33122	8.112597	50.55618	30.01259	20.5436	32.55702	1
1657.055	1657.435	989.4353	93.36	68.46	91.85	91.12	49.24398	2.503554	48.25247	30.91129	17.34117	33.78811	1
1657.06	1657.44	989.4404	92.67	47.49	91.67	91.5	51.00102	3.150352	45.84863	21.45535	24.39327	34.08846	1
1657.065	1657.445	989.4455	90.69	21.81	90.34	90.59	53.99968	3.355893	42.64443	14.67126	27.97317	34.66399	1
1657.07	1657.451	989.4506	89.78	30.01	89.17	89.29	54.86748	2.432439	42.70008	18.73879	23.96129	34.72625	1
1657.075	1657.456	989.4557	90.52	54.49	89.24	87.44	53.45502	1.691497	44.85348	14.65621	30.19727	34.61259	1
1657.08	1657.461	989.4608	91.77	54.99	90.55	88.59	51.71902	2.367517	45.91346	32.27623	13.63723	34.42133	1
1657.085	1657.466	989.4658	97.75	54.29	97.31	94.82	40.34182	9.195233	50.46295	35.73338	14.72957	33.12245	1
1657.09	1657.471	989.4709	93.02	25.74	92.72	92.44	50.51752	5.078766	44.40371	28.08778	16.31593	34.19542	1
1657.095	1657.476	989.476	92.86	21.83	92.39	92	52.92844	3.929537	43.14202	22.11913	21.02289	34.67246	1
1657.1	1657.481	989.4811	93.49	32.43	92.75	92.65	51.87614	3.690943	44.43292	32.46405	11.96887	34.38237	1
1657.105	1657.486	989.4862	92.62	38.99	91.33	90.33	55.35152	1.266827	43.38165	26.14118	17.24047	35.1144	1
1657.11	1657.491	989.4913	91.38	32.52	90.59	90.24	54.18306	2.532593	43.28435	20.85054	22.43381	34.7449	1
1657.115	1657.496	989.4963	91.78	40.44	90.84	90.24	53.06092	2.586839	44.35224	23.56025	20.79199	34.53621	1
1657.12	1657.501	989.5014	89.74	38.7	89.17	89.39	52.4913	3.160612	44.34809	19.17293	25.17516	34.18942	1
1657.125	1657.507	989.5065	85.93	42.65	86.15	88	48.9181	4.584549	46.49735	18.36485	28.1325	33.13623	1
1657.13	1657.512	989.5116	80.57	66.56	79.2	75.98	60.38558	0	39.61442	21.73696	17.87746	35.13762	1
1657.135	1657.517	989.5167	77.1	51.44	76.37	77.29	62.27702	0	37.72298	10.88805	26.83493	34.44276	1
1657.14	1657.522	989.5218	78.67	23.88	78.8	80	60.83714	0.150146	39.01271	23.42321	15.5895	35.1889	1
1657.145	1657.527	989.5269	81.47	31.28	80.85	80.8	62.28284	0	37.71716	23.9073	13.80986	35.21985	1
1657.15	1657.532	989.5319	88.65	95.32	89.45	89.22	29.17456	11.85167	58.97377	39.21826	19.75551	31.52589	1
1657.155	1657.537	989.537	89.45	111.2	88.46	87.25	38.4681	6.307572	55.22433	20.42295	34.80138	31.9531	1
1657.16	1657.542	989.5421	79.21	15.94	79.06	78.76	64.43182	0	35.56818	6.139243	29.42894	35.16004	1
1657.165	1657.547	989.5472	82.4	28.39	82.04	80.44	60.11162	0.418448	39.46993	10.73152	28.73841	35.67743	1
1657.17	1657.552	989.5523	83.01	29.4	83.12	84	55.6635	2.04864	42.28786	30.85981	11.42805	34.41769	1
1657.175	1657.557	989.5574	89.97	19.08	90.12	89.47	51.44774	4.874695	43.67757	23.90317	19.77439	34.37803	1
1657.18	1657.562	989.5624	92.56	37.24	91.33	88.78	55.36522	1.393383	43.2414	22.13071	21.11069	35.41267	1
1657.185	1657.568	989.5675	95.51	45.81	94.47	89.35	49.10478	4.04227	46.85295	25.60761	21.24534	34.85448	1
1657.19	1657.573	989.5726	95.51	39.48	94.73	93.88	48.62164	4.967073	46.41129	25.5561	20.85519	34.00755	1
1657.195	1657.578	989.5777	93.44	16.19	93.22	92.89	51.82222	5.062335	43.11544	21.67443	21.44101	34.5107	1
1657.2	1657.583	989.5828	92.72	31.2	92.53	92.53	48.6197	5.792835	45.58747	32.70485	12.88262	33.78005	1
1657.205	1657.588	989.5879	91.2	34.57	91.26	90.65	47.26506	6.258292	46.47665	32.47531	14.00134	33.6157	1
1657.21	1657.593	989.5929	91.9	33.48	92.01	91.44	46.49734	6.837621	46.66504	34.41003	12.25501	33.52484	1
1657.215	1657.598	989.598	91.43	37.74	92.16	93.59	41.09382	9.643123	49.26306	32.68984	16.57322	32.4451	1
1657.22	1657.603	989.6031	92.03	38.28	92.33	92.12	43.74364	8.121503	48.13486	28.94069	19.19416	33.05779	1
1657.225	1657.608	989.6082	93.21	34.64	93.22	93.06	45.78642	7.280771	46.93281	28.35332	18.57949	33.37143	1
1657.23	1657.613	989.6133	91.39	34.22	91.65	91.24	45.62496	7.241443	47.1336	33.13804	13.99556	33.35698	1
1657.235	1657.618	989.6184	89.71	28.93	89.29	88.12	53.72074	3.084238	43.19502	27.1127	16.08232	34.76072	1
1657.24	1657.623	989.6235	88.55	16.65	88.33	87.72	56.2097	2.49715	41.29315	20.06152	21.23163	35.20271	1
1657.245	1657.629	989.6285	88.27	25.73	87.94	87.53	55.12244	2.568596	42.30896	31.08479	11.22417	34.84419	1
1657.25	1657.634	989.6336	90.09	23.33	89.88	89.12	53.09884	3.739367	43.16179	14.22342	28.93838	34.64616	1
1657.255	1657.639	989.6387	89.23	40.03	89.59	88.61	45.43114	6.713564	47.8553	29.59211	18.26319	33.33742	1
1657.26	1657.644	989.6438	87.08	25.73	86.61	85.71	57.30224	1.568455	41.1293	20.47154	20.65776	35.28731	1
1657.265	1657.649	989.6489	89.83	41.42	89.37	88.24	50.89776	3.82196	45.28028	32.38609	12.89419	34.14971	1
1657.27	1657.654	989.654	92.58	59	91.67	89.78	47.6009	4.294942	48.10416	16.63121	31.47295	33.76541	1
1657.275	1657.659	989.659	92.43	61.16	92.7	92.47	38.07118	9.797404	52.13142	34.36964	17.76178	32.30892	1

1657.28	1657.664	989.6641	91.08	58.39	91.76	92.88	36.80602	10.54925	52.64473	25.53134	27.11339	31.95909	1
1657.285	1657.669	989.6692	89.31	68.74	88.32	83.89	48.87222	3.394077	47.7337	26.72499	21.00872	34.12788	1
1657.29	1657.674	989.6743	87.3	51.79	86.74	85.88	51.49082	3.097488	45.41169	18.55234	26.85936	33.94538	1
1657.295	1657.679	989.6794	88.64	41.25	88.12	87.12	52.4987	3.063092	44.43821	22.0792	22.35901	34.33085	1
1657.3	1657.684	989.6845	87.74	57.08	86.17	85.33	57.63334	0.089348	42.27731	24.98478	17.29253	34.96862	1
1657.305	1657.69	989.6896	87.13	59.69	85.88	84.41	55.08292	1.205727	43.71135	21.86296	21.84839	34.53321	1
1657.31	1657.695	989.6946	86.59	50.1	86.29	85	50.538	3.604892	45.85711	20.26276	25.59434	33.8684	1
1657.315	1657.7	989.6997	83.96	24.18	83.67	82.94	59.15274	0.872131	39.97513	25.59425	14.38088	35.47779	1
1657.32	1657.705	989.7048	83.03	24.92	82.14	82.27	64.47926	0	35.52074	22.69373	12.82701	34.84443	1
1657.325	1657.71	989.7099	82.03	20.88	81.2	80.53	65.91194	0	34.08806	20.51307	13.57499	34.81702	1
1657.33	1657.715	989.715	80.58	22.47	79.93	79.83	65.46616	0	34.53384	21.81686	12.71698	34.76221	1
1657.335	1657.72	989.7201	81.97	28.27	81.07	79.94	64.72126	0	35.27874	14.5908	20.68794	34.90893	1
1657.34	1657.725	989.7251	82.71	25.11	81.59	81.12	66.51018	0	33.48982	22.79927	10.69055	34.43627	1
1657.345	1657.73	989.7302	86.49	46.24	84.92	83.17	61.40662	0	38.59338	20.23724	18.35614	34.7131	1
1657.35	1657.735	989.7353	87.4	42.26	86.67	85.41	55.02258	1.895111	43.08231	20.15118	22.93113	34.73293	1
1657.355	1657.74	989.7404	85.37	33.79	85.32	85.76	53.66992	2.829694	43.50039	31.19013	12.31025	34.20137	1
1657.36	1657.745	989.7455	81.97	21.07	82.07	82.06	58.71366	1.049945	40.23639	11.42559	28.81081	35.21492	1
1657.365	1657.751	989.7506	81.43	15.54	81.63	81.94	59.77372	0.744684	39.4816	27.68337	11.79823	35.4269	1
1657.37	1657.756	989.7557	82.1	17.04	82.29	82.47	58.87182	1.08	40.04818	26.10389	13.94429	35.28254	1
1657.375	1657.761	989.7607	80.85	15.16	80.98	82.33	60.94178	0.314506	38.74371	18.97865	19.76507	35.44434	1
1657.38	1657.766	989.7658	83.4	23.01	83.57	85.23	56.38608	1.955587	41.65833	31.20701	10.45132	34.51431	1
1657.385	1657.771	989.7709	82.05	35	82.83	83.51	49.999	3.950938	46.05006	15.8627	30.18736	33.47836	1
1657.39	1657.776	989.776	80.46	29.7	80.52	82.61	58.3244	0.974795	40.70081	25.93759	14.76321	34.53485	1
1657.395	1657.781	989.7811	82.08	22.85	82.08	83.49	58.9567	0.933395	40.1099	22.34824	17.76167	34.97345	1
1657.4	1657.786	989.7862	82.83	21.34	82.25	82.35	63.12712	0	36.87288	20.31581	16.55707	35.38511	1
1657.405	1657.791	989.7912	81.83	24.08	81.48	81.56	61.60154	0	38.39846	13.06128	25.33718	35.66776	1
1657.41	1657.796	989.7963	80.41	28.49	80.37	80.29	59.43822	0.619792	39.94199	13.02979	26.91219	35.1592	1
1657.415	1657.801	989.8014	79.71	27.93	79.63	79.53	60.52774	0.253158	39.2191	9.821832	29.39727	35.34414	1
1657.42	1657.806	989.8065	79.59	24.3	80.06	80.44	57.2541	1.333676	41.41222	14.37989	27.03233	34.71993	1
1657.425	1657.812	989.8116	82.58	70.02	80.96	77	59.63656	0	40.36344	11.06852	29.29492	35.13252	1
1657.43	1657.817	989.8167	81.2	35.04	81	81	58.36632	0.908514	40.72517	13.71536	27.0098	34.87092	1
1657.435	1657.822	989.8218	80.57	41.5	81.5	82.56	48.6251	4.109431	47.26547	31.64241	15.62306	33.08406	1
1657.44	1657.827	989.8268	83.39	81.93	84.22	86.73	37.02164	7.937693	55.04067	28.76697	26.2737	31.30654	1
1657.445	1657.832	989.8319	82.79	55.76	83.06	85.06	48.24678	4.205115	47.5481	23.19256	24.35554	32.70837	1
1657.45	1657.837	989.837	82.92	47.92	83.53	84.83	47.38946	4.738906	47.87163	31.43808	16.43355	32.86663	1
1657.455	1657.842	989.8421	83.61	39.23	83.74	84.47	52.57764	3.018152	44.40421	19.52987	24.87434	33.81984	1
1657.46	1657.847	989.8472	81.03	54.4	82.04	82.59	44.4601	5.41832	50.12158	33.29877	16.82281	32.54388	1
1657.465	1657.852	989.8523	81.92	29.68	81.71	82.52	59.07854	0.75926	40.1622	17.07847	23.08373	34.98331	1
1657.47	1657.857	989.8573	83.15	33.87	82.59	82.53	59.64546	0.463437	39.8911	10.00689	29.88422	35.25022	1
1657.475	1657.862	989.8624	80.68	46.58	81	81.08	52.02204	2.871837	45.10612	25.02485	20.08128	33.61318	1
1657.48	1657.868	989.8675	82.35	32.06	81.63	81.02	62.05948	0	37.94052	6.441173	31.49935	35.35359	1
1657.485	1657.873	989.8726	84.53	52.43	83.84	83.06	54.89184	1.761481	43.34668	13.54831	29.79837	34.30828	1
1657.49	1657.878	989.8777	83.91	47.46	83.35	82.65	55.65748	1.620013	42.72251	24.27404	18.44847	34.46397	1
1657.495	1657.883	989.8828	81.99	37.37	81.92	81.78	56.06816	1.686873	42.24497	31.09263	11.15233	34.49348	1
1657.5	1657.888	989.8879	81.53	44.81	81.8	81	52.05588	2.950593	44.99353	32.7276	12.26592	33.84721	1
1657.505	1657.893	989.8929	79.21	32.79	79.31	80.17	58.41662	0.857822	40.72556	23.29231	17.43325	34.65957	1
1657.51	1657.898	989.898	80.73	46.46	79.97	80.68	60.37508	0.106299	39.51862	9.769291	29.74933	34.88358	1
1657.515	1657.903	989.9031	81.04	55	79.73	75.98	62.2857	0	37.7143	21.12694	16.58736	35.09426	1
1657.52	1657.908	989.9082	80.16	46.72	79.28	76.15	61.76656	0	38.23344	20.99948	17.23396	35.39844	1
1657.525	1657.913	989.9133	78.94	38.09	78.57	76.66	61.02492	0.016918	38.95816	21.80947	17.14869	35.5398	1
1657.53	1657.918	989.9184	77.99	54.49	77.63	76.31	57.85262	0.893542	41.25384	19.5073	21.74654	34.48127	1
1657.535	1657.923	989.9234	76.08	55.95	76.46	77.13	53.5215	2.042314	44.43619	24.01092	20.42526	33.31825	1
1657.54	1657.929	989.9285	77.3	46.94	77.18	74.83	58.45452	0.726286	40.81919	24.78224	16.03695	34.88427	1
1657.545	1657.934	989.9336	77.43	49.11	77.9	76.02	53.23728	2.220757	44.54196	31.44155	13.10042	33.95069	1
1657.55	1657.939	989.9387	78.07	131.45	75.49	71.46	56.3597	1.413156	42.22714	13.90759	28.31956	33.18358	1
1657.555	1657.944	989.9438	75.55	133.63	72.68	71.51	60.39804	0.988665	38.61329	21.27029	17.34301	33.03538	1
1657.56	1657.949	989.9489	73.59	77.84	73.46	73.35	54.46742	1.852957	43.67962	12.91336	30.76627	32.99203	1
1657.565	1657.954	989.9539	72.55	84.89	72.26	66.98	54.95812	1.822422	43.21946	30.02163	13.19783	33.79387	1
1657.57	1657.959	989.959	73.35	75.63	73.36	79.06	54.13804	1.899777	43.96218	21.57456	22.38762	31.90889	1
1657.575	1657.964	989.9641	72.37	47.24	73.2	74.9	55.55502	1.187256	43.25772	15.94994	27.30778	33.41715	1
1657.58	1657.969	989.9692	74.4	28.36	74.22	73.91	66.08388	0	33.91612	11.38454	22.53158	34.28543	1
1657.585	1657.974	989.9743	72.39	47.28	71.74	70.57	66.99694	0	33.00306	9.323757	23.6793	34.1524	1
1657.59	1657.979	989.9794	70.65	44.76	69.79	71.27	70.83508	0	29.16492	14.81793	14.34699	33.41231	1
1657.595	1657.984	989.9845	69.64	32.03	69.14	67.5	72.05494	0	27.94506	14.89001	13.05505	33.85413	1
1657.6	1657.99	989.9895	70.64	41.45	69.75	67.2	71.8778	0	28.1222	11.95879	16.16341	34.11568	1
1657.605	1657.995	989.9946	78.58	58.38	77.94	77.39	58.53844	0.674795	40.78676	22.06656	18.7202	34.41628	1
1657.61	1658	989.9997	78.83	36.79	78.13	77.61	63.99822	0	36.00178	24.19521	11.80657	34.71138	1
1657.615	1658.005	990.0048	76.43	16.32	75.99	74.57	69.14496	0	30.85504	14.01051	16.84453	34.39664	1
1657.62	1658.01	990.0099	77.13	17.12	76.49	75	69.85736	0	30.14264	20.97159	9.171047	34.33131	1
1657.625	1658.015	990.015	79.77	28.99	79.55	78.7	61.30102	0	38.69898	26.1414	12.55758	35.6149	1
1657.63	1658.02	990.02	79.04	22.35	78.85	79.53	63.347	0	36.653	11.51875	25.13425	35.01022	1
1657.635	1658.025	990.0251	77.11	26.1	76.48	76.31	67.6251	0	32.3749	9.100406	23.27449	34.22862	1
1657.64	1658.03	990.0302	77.6	32.88	77.31	75.29	62.89854	0	37.10146	20.67423	16.42723	35.24284	1

1657.645	1658.035	990.0353	76.56	14.74	76.38	77.14	67.39272	0	32.60728	16.5936	16.01368	34.26162	1
1657.65	1658.04	990.0404	75.79	11.64	75.43	75.21	70.24632	0	29.75368	21.45275	8.300927	34.08287	1
1657.655	1658.045	990.0455	76.37	15.29	76	75.83	68.90692	0	31.09308	4.792431	26.30065	34.2085	1
1657.66	1658.051	990.0506	76.69	21	76	75.86	69.7107	0	30.2893	20.53955	9.749754	34.02526	1
1657.665	1658.056	990.0556	78.39	29.72	76.87	76.21	72.46896	0	27.53104	13.83837	13.69267	33.58938	1
1657.67	1658.061	990.0607	79.15	24.02	78.5	77.55	66.40666	0	33.59334	6.745172	26.84817	34.65971	1
1657.675	1658.066	990.0658	78.07	14.71	77.96	78.09	65.46828	0	34.53172	11.93163	22.60009	34.81167	1
1657.68	1658.071	990.0709	77.77	23.38	77.68	77.57	63.49114	0	36.50886	25.09116	11.4177	34.99806	1
1657.685	1658.076	990.076	76.76	18.41	76.61	76.72	66.08808	0	33.91192	14.95409	18.95783	34.52562	1
1657.69	1658.081	990.0811	77.39	21.23	77	76.39	66.68604	0	33.31396	15.06087	18.25309	34.55249	1
1657.695	1658.086	990.0861	77.83	27.79	76.88	75.39	69.03372	0	30.96628	8.670719	22.29556	34.2456	1
1657.7	1658.091	990.0912	78.17	45.65	76.42	74.89	70.5988	0	29.4012	21.61772	7.783476	33.69891	1
1657.705	1658.096	990.0963	79.28	41.52	77.72	75.51	69.10456	0	30.89544	23.04421	7.851229	33.99954	1
1657.71	1658.101	990.1014	78.96	39.67	77.77	76.94	66.97916	0	33.02084	5.93558	27.08526	34.15297	1
1657.715	1658.106	990.1065	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1658.025	1658.422	990.4217	82.29	21.7	81.45	80.21	65.5518	0	34.4482	15.8974	18.5508	34.96694	1
1658.03	1658.427	990.4268	79.25	20.35	78	77.02	71.8528	0	28.1472	23.97574	4.171456	33.86587	1
1658.035	1658.432	990.4319	81.13	15.7	81.08	80.71	61.9485	0	38.0515	10.07063	27.98087	35.93053	1
1658.04	1658.437	990.437	81.93	17.99	81.51	81.77	63.52582	0	36.47418	18.17694	18.29724	35.35816	1
1658.045	1658.442	990.4421	82.89	13.63	82.24	81.83	65.48024	0	34.51976	15.5053	19.01446	35.16829	1
1658.05	1658.447	990.4471	85.24	19.34	84.53	83.26	62.40142	0	37.59858	13.5221	24.07648	35.96053	1
1658.055	1658.452	990.4522	84.64	28.46	83.37	82.61	65.08638	0	34.91362	22.88428	12.02934	34.55455	1
1658.06	1658.457	990.4573	86.9	100.39	84.46	83.78	54.66762	0.053447	45.27893	24.84498	20.43395	33.70818	1
1658.065	1658.462	990.4624	85.93	41.23	85.32	84.57	55.69424	1.717717	42.58804	27.15158	15.43646	34.68223	1
1658.07	1658.467	990.4675	82.82	18.7	82.49	83.2	61.8377	0	38.1623	6.595127	31.56717	35.76046	1
1658.075	1658.473	990.4726	79.96	13.15	79.57	78.61	66.277	0	33.723	5.60391	28.11909	35.02074	1
1658.08	1658.478	990.4777	79.8	16.34	79.04	78.35	68.51972	0	31.48028	24.7937	6.686583	34.43621	1
1658.085	1658.483	990.4827	77.22	14.21	76.53	76.18	70.86628	0	29.13372	14.57534	14.55838	34.04526	1
1658.09	1658.488	990.4878	76.05	15.88	75.22	74.28	72.62354	0	27.37646	11.70676	15.6697	33.93122	1
1658.095	1658.493	990.4929	76.18	22.03	75.78	75	67.68314	0	32.31686	6.974656	25.3422	34.36016	1
1658.1	1658.498	990.498	77.57	17.89	77.41	77.59	65.54622	0	34.45378	6.013019	28.44076	34.672	1
1658.105	1658.503	990.5031	77	20.47	76.82	75.83	65.60126	0	34.39874	11.22696	23.17178	34.78238	1
1658.11	1658.508	990.5082	78.14	14.37	77.63	77.65	68.58616	0	31.41384	10.29742	21.11642	34.31312	1
1658.115	1658.513	990.5132	78.42	13.85	78.14	77.65	66.6719	0	33.3281	17.67235	15.65575	34.75221	1
1658.12	1658.518	990.5183	78.46	22.81	77.61	76.94	68.88428	0	31.11572	7.349531	23.76619	34.20996	1
1658.125	1658.523	990.5234	78.21	24.95	77.86	76.35	64.7214	0	35.2786	20.65579	14.62281	35.01554	1
1658.13	1658.528	990.5285	78.69	24.1	78.51	76.29	63.168	0	36.832	13.02076	23.81124	35.50539	1
1658.135	1658.534	990.5336	78.02	16.44	77.65	76.89	67.11062	0	32.88938	8.072139	24.81724	34.64208	1
1658.14	1658.539	990.5387	78.45	18.66	78.78	79.06	60.75278	0.195471	39.05175	18.55735	20.4944	35.42228	1
1658.145	1658.544	990.5438	78.72	29.13	78.96	79.6	58.66814	0.781867	40.54999	10.3929	30.15709	34.78414	1
1658.15	1658.549	990.5488	80.73	29.45	81.52	82.33	52.479	2.990941	44.53006	18.9594	25.57066	33.83584	1
1658.155	1658.554	990.5539	80.49	25.86	80.92	81.68	56.35858	1.688022	41.9534	12.05437	29.89903	34.50112	1
1658.16	1658.559	990.559	80.03	29.35	80.47	81.09	55.8597	1.768655	42.37165	14.13737	28.23427	34.36329	1
1658.165	1658.564	990.5641	81.09	19.91	81.41	82.16	58.09898	1.231664	40.66936	23.41068	17.25867	34.93532	1
1658.17	1658.569	990.5692	82.49	18.33	82.23	81.74	61.68834	0.048189	38.26347	25.24091	13.02256	35.95602	1
1658.175	1658.574	990.5743	83.11	24.87	82.43	81.57	62.79026	0	37.20974	13.8228	23.38694	35.49534	1
1658.18	1658.579	990.5793	83.04	24.07	82.7	81.61	60.41326	0.395617	39.19112	13.77044	25.42068	35.74029	1
1658.185	1658.584	990.5844	83.62	29.42	82.87	82.51	61.76246	0	38.23754	25.22502	13.01252	35.49352	1
1658.19	1658.59	990.5895	83.11	31.32	82.57	82.51	60.14436	0.335935	39.5197	12.05091	27.46879	35.38168	1
1658.195	1658.595	990.5946	81.99	28.88	81.7	81.9	59.82774	0.510239	39.66202	13.85745	25.80457	35.25019	1
1658.2	1658.6	990.5997	80.68	35.02	80.35	80.29	59.85706	0.406612	39.73633	29.06065	10.67567	35.12466	1
1658.205	1658.605	990.6048	78.02	12.23	78.43	78.31	62.08444	0	37.91556	7.547932	30.36763	35.58084	1
1658.21	1658.61	990.6098	77.56	10.2	77.39	77.44	67.4939	0	32.5061	14.40347	18.10263	34.53708	10
1658.215	1658.615	990.6149	78.69	21.84	78.49	78.22	63.86992	0	36.13008	19.39549	16.73459	35.05949	10
1658.22	1658.62	990.62	80.61	41.28	80.22	79.61	58.87154	0.655795	40.47267	13.22866	27.244	34.92534	10
1658.225	1658.625	990.6251	81.07	34.74	80.28	78.41	63.13102	0	36.86898	14.60533	22.26365	35.20856	10
1658.23	1658.63	990.6302	80.97	49.73	79.8	77.53	62.54044	0	37.45956	12.26437	25.19519	34.92788	10
1658.235	1658.635	990.6353	81.91	63.13	82.18	82.22	47.27284	4.339225	48.38793	25.863	22.52493	32.79556	10
1658.24	1658.64	990.6404	82.64	51.54	82.17	82.43	55.14102	1.751463	43.10752	25.38793	17.71959	34.05567	10
1658.245	1658.645	990.6454	83.02	54.55	82.67	83.61	53.133	2.417603	44.4494	30.30955	14.13984	33.58597	10
1658.25	1658.651	990.6505	83.49	59.48	82.92	83.36	53.21254	2.269015	44.51845	24.50502	20.01342	33.63646	10
1658.255	1658.656	990.6556	82.49	58.79	82.15	81.98	52.51702	2.555555	44.92743	32.83334	12.09409	33.60119	10
1658.26	1658.661	990.6607	81.38	48.97	80.67	78.08	58.78216	0.56932	40.64852	20.19405	20.45447	35.18238	10
1658.265	1658.666	990.6658	80.43	35.81	80.27	77.51	58.57838	0.814862	40.60676	28.33491	12.27185	35.35735	10
1658.27	1658.671	990.6709	79.05	31.39	79.45	80.95	56.57762	1.436343	41.98604	14.29263	27.69341	34.23811	10
1658.275	1658.676	990.6759	77.95	28.94	78.04	77.41	60.58502	0.169531	39.24545	23.13732	16.10813	35.33493	10
1658.28	1658.681	990.681	76	31.61	75.98	76.55	62.58538	0	37.41462	15.91867	21.49595	34.71267	1
1658.285	1658.686	990.6861	68.97	32.62	68	65.89	76.17106	0	23.82894	20.7252	3.103742	33.95745	1
1658.29	1658.691	990.6912	71.35	34.95	70.25	67.35	74.4251	0	25.5749	18.16458	7.410321	34.11826	1
1658.295	1658.696	990.6963	71.48	36.13	71.23	71	67.43244	0	32.56756	12.40462	20.16294	33.89451	1
1658.3	1658.701	990.7014	71.38	37.07	71.83	73.3	61.87196	0	38.12804	14.17064	23.9574	34.0737	1
1658.305	1658.706	990.7065	72.64	121.12	71.27	70.73	54.47766	2.489091	43.03325	27.54572	15.48753	32.0313	1
1658.31	1658.712	990.7115	70.69	33.97	70.43	69.53	68.75946	0	31.24054	24.13115	7.109387	33.88161	1

1658.315	1658.717	990.7166	70.57	33.08	71.41	72.04	60.56024	0	39.43976	12.86261	26.57715	34.26219	1
1658.32	1658.722	990.7217	71.51	26.52	71.18	70.43	70.35046	0	29.64954	20.05382	9.595722	33.81773	1
1658.325	1658.727	990.7268	70.85	39.79	70.25	68.18	69.83882	0	30.16118	24.25322	5.907955	34.07877	1
1658.33	1658.732	990.7319	72.47	25.93	72.15	71	69.53254	0	30.46746	19.98042	10.48704	33.99861	1
1658.335	1658.737	990.737	73.83	19.33	73.31	72.31	71.42854	0	28.57146	16.24441	12.32705	33.94469	1
1658.34	1658.742	990.742	72.47	11.75	72.29	71.55	71.8791	0	28.1209	23.81869	4.302214	33.82099	1
1658.345	1658.747	990.7471	72.64	10.75	72.48	72.15	71.8097	0	28.1903	11.74413	16.44617	33.76497	1
1658.35	1658.752	990.7522	71.76	15.36	71.74	71.41	70.41868	0	29.58132	10.38299	19.19833	33.7559	1
1658.355	1658.757	990.7573	72.11	18.74	71.57	70.59	73.30872	0	26.69128	17.76164	8.929636	33.77405	1
1658.36	1658.762	990.7624	72.65	25.47	71.89	70.22	72.88826	0	27.11174	4.287141	22.8246	33.92875	1
1658.365	1658.767	990.7675	70.36	35.88	70.18	70.12	67.98084	0	32.01916	12.86044	19.15872	33.74724	1
1658.37	1658.773	990.7726	68.67	37.61	67.9	67.24	73.68948	0	26.31052	19.52972	6.780795	33.67619	1
1658.375	1658.778	990.7776	69.27	42.52	69.5	70.11	64.19926	0	35.80074	23.79145	12.00929	33.78028	1
1658.38	1658.783	990.7827	70.11	44.5	71.04	70.63	57.5223	0.521078	41.95662	27.20907	14.74755	34.04247	1
1658.385	1658.788	990.7878	70.41	39.65	70.8	70.76	62.605	0	37.395	17.26618	20.12882	34.15225	1
1658.39	1658.793	990.7929	71.1	34.92	70.72	69	69.08236	0	30.91764	16.69125	14.22639	34.04545	1
1658.395	1658.798	990.798	70.7	41.84	69.94	69.9	70.72072	0	29.27928	23.86748	5.411802	33.67644	1
1658.4	1658.803	990.8031	68.5	41.98	67.63	65.73	73.56334	0	26.43666	11.68357	14.75309	33.94375	1
1658.405	1658.808	990.8081	68.21	38.09	67.13	66.22	76.39902	0	23.60098	10.9419	12.65908	33.79218	1
1658.41	1658.813	990.8132	65.52	57.62	65.29	64.47	67.56006	0	32.43994	14.01687	18.42307	33.76194	1
1658.415	1658.818	990.8183	66.29	42.92	65.3	64.22	76.29906	0	23.70094	21.8677	1.833237	33.85376	1
1658.42	1658.823	990.8234	66.87	47.17	65.96	65.3	74.11696	0	25.88304	11.75029	14.13275	33.75337	1
1658.425	1658.828	990.8285	66.76	42.45	66.81	67.4	67.9204	0	32.0796	15.69133	16.38827	33.37835	1
1658.43	1658.834	990.8336	66.35	39.03	66.45	68.43	68.73774	0	31.26226	22.03318	9.229076	33.02992	1
1658.435	1658.839	990.8387	67.55	42.03	67.59	68.35	67.37274	0	32.62726	15.26561	17.36165	33.42582	1
1658.44	1658.844	990.8437	66.86	55.85	68	68.73	56.1381	0.747006	43.11489	16.84471	26.27019	33.19471	1
1658.445	1658.849	990.8488	63.91	62.25	65.69	66.96	52.3433	1.26825	46.38845	25.33412	21.05433	32.3155	1
1658.45	1658.854	990.8539	63.69	52.06	64.88	65.61	59.58418	0	40.41582	26.3411	14.07472	33.3803	1
1658.455	1658.859	990.859	63.99	43.1	64.63	56.65	65.739	0	34.261	18.45187	15.80913	34.68766	1
1658.46	1658.864	990.8641	65.88	41.51	66.91	68.53	61.36248	0	38.63752	12.55815	26.07937	33.30719	1
1658.465	1658.869	990.8692	65.84	65.47	66.56	66.21	58.00346	0.605683	41.39086	19.65029	21.74057	33.37177	1
1658.47	1658.874	990.8742	64.45	93.7	62.88	62.53	70.1981	0	29.8019	9.656908	20.14499	34.37848	1
1658.475	1658.879	990.8793	66.24	163.57	63.27	62.41	62.49276	2.912446	34.59479	26.9321	7.662694	31.75118	1
1658.48	1658.884	990.8844	70.14	245.68	64.01	63.61	63.52414	4.57046	31.9054	22.36572	9.539684	30.15788	1
1658.485	1658.889	990.8895	70.73	196.25	65.9	65.29	64.8684	2.67233	32.45927	14.48921	17.97006	31.76769	1
1658.49	1658.895	990.8946	70.49	216.22	66.75	63.63	51.80896	5.421633	42.76941	24.08247	18.68693	29.73038	1
1658.495	1658.9	990.8997	72.75	212.99	70.03	61.17	42.60642	6.57705	50.81653	36.2354	14.58113	30.36498	1
1658.5	1658.905	990.9048	72.72	172.12	70.93	62.29	45.31706	5.265006	49.41793	21.14858	28.26935	31.43248	1
1658.505	1658.91	990.9098	71.98	86.81	69.31	66.17	73.46288	0	26.53712	12.05067	14.48645	34.38208	1
1658.51	1658.915	990.9149	71.96	90.95	68.46	65.12	78.9119	0	21.0881	8.724914	12.36319	34.56514	1
1658.515	1658.92	990.92	71.79	97.81	69.02	66.24	71.75068	0	28.24932	19.60377	8.645551	34.42756	1
1658.52	1658.925	990.9251	68.36	39.09	67.63	67.08	73.30652	0	26.69348	17.9668	8.726679	33.65389	1
1658.525	1658.93	990.9302	64.67	30.85	65.48	66.02	66.7604	0	33.2396	12.76315	20.47645	32.98765	1
1658.53	1658.935	990.9353	62.24	36.81	62.65	62.88	70.65368	0	29.34632	10.8181	18.52822	32.92544	1
1658.535	1658.94	990.9403	58.62	30.38	58.04	56.88	83.21264	0	16.78736	16.78736	0	34.01716	1
1658.54	1658.945	990.9454	59.39	22.4	59.67	59.72	77.7704	0	22.2296	13.93158	8.298017	32.86543	1
1658.545	1658.951	990.9505	61.67	31.33	62.16	63.24	71.88424	0	28.11576	5.308284	22.80748	32.64153	1
1658.55	1658.956	990.9556	61.67	18.42	61.69	61.56	78.65096	0	21.34904	11.01739	10.33165	33.10625	1
1658.555	1658.961	990.9607	63.6	16.87	63.51	63.65	78.10296	0	21.89704	7.944515	13.95252	33.1331	1
1658.56	1658.966	990.9658	62.86	14.32	62.73	62.24	79.71086	0	20.28914	16.75844	3.530703	33.28945	1
1658.565	1658.971	990.9708	59.82	17.8	59.33	58.33	84.4555	0	15.5445	4.028675	11.51582	33.89386	1
1658.57	1658.976	990.9759	60.44	22.96	59.61	59.29	85.27138	0	14.72862	14.72862	0	34.08056	1
1658.575	1658.981	990.981	61.4	46.18	59.9	57.53	83.96144	0	16.03856	16.03856	0	34.91352	1
1658.58	1658.986	990.9861	60.6	42.92	59.02	57.83	86.10636	0	13.89364	5.671276	8.222364	34.95313	1
1658.585	1658.991	990.9912	59.05	44.43	58.33	58.06	80.50194	0	19.49806	5.56986	13.9282	33.88495	1
1658.59	1658.996	990.9963	60.04	30.29	60.18	60.94	76.34802	0	23.65198	19.16485	4.487125	32.85744	1
1658.595	1659.001	991.0014	61.86	31.27	62.89	64.17	67.53896	0	32.46104	14.37397	18.08707	32.4637	1
1658.6	1659.006	991.0064	59.69	25.77	59.94	62.47	76.91136	0	23.08864	20.91283	2.175814	32.43381	1
1658.605	1659.012	991.0115	60.25	23.33	60.29	61.29	78.61414	0	21.38586	16.64918	4.736684	32.89264	1
1658.61	1659.017	991.0166	62.12	17.21	61.56	60.78	83.02478	0	16.97522	13.51424	3.460977	33.7591	1
1658.615	1659.022	991.0217	62.23	13.04	62.35	62.24	78.66272	0	21.33728	17.62182	3.715455	33.02815	1
1658.62	1659.027	991.0268	63.72	15.97	63.61	62.71	78.36536	0	21.63464	21.63464	0	33.33902	1
1658.625	1659.032	991.0319	66.57	20.06	66.17	65.22	77.00108	0	22.99892	9.22785	13.77107	33.52622	1
1658.63	1659.037	991.0369	69.18	40.57	68.1	65.82	74.90646	0	25.09354	5.26308	19.83046	34.03379	1
1658.635	1659.042	991.042	71.2	91.02	68.51	63.41	73.31666	0	26.68334	13.85608	12.82726	34.87475	1
1658.64	1659.047	991.0471	73.43	65.63	71.11	68.76	74.54194	0	25.45806	12.05184	13.40622	33.96278	1
1658.645	1659.052	991.0522	74.34	56.8	72.71	70.18	70.4941	0	29.5059	20.33658	9.169319	34.09333	1
1658.65	1659.057	991.0573	73.38	69.63	72.51	71.29	62.38244	0	37.61756	12.44453	25.17303	34.58002	1
1658.655	1659.062	991.0624	74.98	87.51	73.42	70.44	61.93098	0.163274	37.90575	21.2037	16.70204	34.60898	1
1658.66	1659.067	991.0675	75.98	89.53	72.88	68.08	72.45714	0	27.54286	19.68426	7.8586	34.02122	1
1658.665	1659.073	991.0725	79.21	104.16	77.18	70.41	57.65258	0.783526	41.56389	24.49022	17.07367	34.54764	1
1658.67	1659.078	991.0776	84.86	162.9	80.61	74.03	55.4445	0	44.5555	20.90148	23.65402	32.61959	1
1658.675	1659.083	991.0827	80.64	141.42	77.43	71.08	56.46506	0.749684	42.78526	15.97693	26.80833	33.67324	1

1658.68	1659.088	991.0878	77.51	65.53	76.16	71.57	63.29504	0	36.70496	16.28012	20.42484	35.02405	1
1658.685	1659.093	991.0929	78.66	112.67	75.44	71.65	65.32166	0	34.67834	11.64291	23.03543	33.66126	1
1658.69	1659.098	991.098	77.28	91.68	75.27	73.72	62.29334	0	37.70666	18.67595	19.03071	34.26166	1
1658.695	1659.103	991.103	78.28	46.51	77.82	78.13	60.29198	0.205779	39.50224	22.87941	16.62283	34.77822	1
1658.7	1659.108	991.1081	80.37	56.18	80.81	81.55	49.05404	3.7132	47.23276	15.65853	31.57423	32.91915	1
1658.705	1659.113	991.1132	78.5	84.58	79.63	79.98	38.55414	6.591686	54.85417	20.01473	34.83945	31.57273	1
1658.71	1659.118	991.1183	74	62.47	74.33	73.31	54.24476	1.769034	43.98621	22.07002	21.91618	33.4761	1
1658.715	1659.123	991.1234	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1659.005	1659.418	991.4183	92.41	112.32	89.69	88.6	48.88136	0.116694	51.00195	23.41372	27.58822	33.30644	1
1659.01	1659.423	991.4234	87.08	61.66	86.81	86.14	47.05718	4.694747	48.24807	26.72296	21.52511	33.14232	1
1659.015	1659.428	991.4285	92.59	44.63	91.75	90.67	50.52674	3.644245	45.82902	26.28229	19.54673	34.17572	1
1659.02	1659.434	991.4335	92.95	16.74	92.57	91.82	53.37992	4.05502	42.56506	14.47662	28.08844	34.84599	1
1659.025	1659.439	991.4386	93.66	28.45	92.73	91.82	54.1554	2.59926	43.24534	22.58777	20.65757	34.98531	1
1659.03	1659.444	991.4437	92.86	25.29	92.09	91.17	54.41612	2.776637	42.80724	15.34895	27.45829	35.01635	1
1659.035	1659.449	991.4488	92.59	34.59	91.26	90	56.75392	0.783687	42.46239	13.50933	28.95306	35.46629	1
1659.04	1659.454	991.4539	92.62	30.17	91.18	90.47	58.64846	0.011571	41.33997	18.07074	23.26923	35.81191	1
1659.045	1659.459	991.459	92.59	47.23	90.72	89.67	57.88004	0	42.11996	23.27725	18.84271	34.57725	1
1659.05	1659.464	991.464	94.32	53.95	93.24	89	48.5397	3.880192	47.58011	17.59416	29.98595	34.46794	1
1659.055	1659.469	991.4691	95.66	54.98	95.61	97.53	39.07514	10.01172	50.91314	29.28485	21.62829	32.08395	1
1659.06	1659.474	991.4742	99.05	90.56	100.46	102.89	16.03098	24.86943	59.09959	41.85855	17.24104	30.85844	1
1659.065	1659.479	991.4793	99.15	79.42	99.18	93.18	29.32986	14.90986	55.76028	37.65442	18.10586	32.72461	1
1659.07	1659.484	991.4844	100.73	118.67	100.47	92.59	20.62526	16.96461	62.41013	33.74763	28.6625	32.88145	1
1659.075	1659.489	991.4895	103.7	166.67	103.89	90.06	2.78936	26.60095	70.60969	70.60969	0	-9999	1
1659.08	1659.495	991.4946	102.66	165.61	99.65	93.06	28.80268	2.116594	69.08073	27.72137	41.35936	33.37644	1
1659.085	1659.5	991.4996	101.26	170.56	97.06	92.88	38.11528	0	61.88472	25.63096	36.25376	27.02852	1
1659.09	1659.505	991.5047	101.94	136.67	101.78	92.09	14.38106	19.97978	65.63916	43.07914	22.56003	33.33772	1
1659.095	1659.51	991.5098	100.99	115.51	102.06	90.24	10.84328	26.68963	62.46709	52.90617	9.560919	33.6736	1
1659.1	1659.515	991.5149	104.85	161.38	106.04	87.29	0	36.6132	63.3868	63.3868	0	-9999	1
1659.105	1659.52	991.52	102.79	203.91	104.11	89.22	0	37.26778	62.73222	62.73222	0	-9999	1
1659.11	1659.525	991.5251	100.38	212.88	98.26	85.82	12.56344	10.85756	76.579	57.25816	19.32084	34.1745	1
1659.115	1659.53	991.5301	99.16	240.3	93.18	88.53	36.9652	0	63.0348	28.00525	35.02955	21.44674	1
1659.12	1659.535	991.5352	94.57	117.83	91.04	88.15	51.83824	0	48.16176	12.20935	35.95241	30.11781	1
1659.125	1659.54	991.5403	92.04	67.33	91.24	89.39	45.22934	5.118024	49.65264	35.04497	14.60767	33.31463	1
1659.13	1659.545	991.5454	93.37	93.25	91.02	86.61	49.7456	0.44974	49.80466	32.21396	17.5907	34.33313	1
1659.135	1659.55	991.5505	94.9	127.02	91.78	89.69	46.13316	0	53.86684	28.59029	25.27655	32.38192	1
1659.14	1659.556	991.5556	96.07	125.75	94.71	89.18	31.7241	8.005643	60.27026	33.48566	26.7846	32.63923	1
1659.145	1659.561	991.5607	93.54	110.91	91.63	87.84	41.90548	3.611008	54.48351	34.96181	19.5217	33.03584	1
1659.15	1659.566	991.5657	93.82	111.11	91.7	84.68	43.22698	2.733029	54.03999	20.76309	33.2769	33.80779	1
1659.155	1659.571	991.5708	89.99	47.36	89.65	87.96	48.38308	4.781163	46.83576	23.00257	23.83318	33.80001	1
1659.16	1659.576	991.5759	88.21	34.88	88.69	88.59	46.68584	6.231698	47.08246	34.06916	13.0133	33.34734	1
1659.165	1659.581	991.581	89.27	57.87	88.54	87.65	49.52456	3.639031	46.83641	28.01611	18.8203	33.67225	1
1659.17	1659.586	991.5861	86.55	36.66	86.69	85.47	50.41728	4.205126	45.37759	14.40785	30.96974	33.99627	1
1659.175	1659.591	991.5912	84.73	22.34	84.72	83.37	56.71962	1.914384	41.366	26.09159	15.2744	35.18062	1
1659.18	1659.596	991.5962	84.25	24.88	84.09	81.46	57.70904	1.423541	40.86742	30.28754	10.57988	35.53977	1
1659.185	1659.601	991.6013	85.81	53.19	84.49	82	58.41282	0.216386	41.37079	11.73234	29.63845	35.3158	1
1659.19	1659.606	991.6064	88.25	108.55	85.21	82.15	56.1009	0	43.8991	18.53493	25.36417	32.62744	1
1659.195	1659.611	991.6115	85.45	39.25	85.37	82.24	52.5075	3.134097	44.3584	29.38062	14.97778	34.5851	1
1659.2	1659.617	991.6166	89.71	117.31	86.84	80.57	51.32028	0	48.67972	10.10327	38.57645	34.0589	1
1659.205	1659.622	991.6217	87.03	84.09	84.27	82.76	60.97262	0	39.02738	13.17586	25.85152	32.4693	1
1659.21	1659.627	991.6267	86.17	59.98	83.87	80.85	64.03344	0	35.96656	8.776032	27.19053	33.34433	1
1659.215	1659.632	991.6318	86.69	129.19	82.04	79.71	65.01872	0	34.98128	18.72192	16.25936	29.33451	1
1659.22	1659.637	991.6369	85.54	100.54	82.71	81	58.90502	0	41.09498	17.82597	23.26901	32.9073	1
1659.225	1659.642	991.642	90.2	132.13	88.54	82.11	37.90554	5.363247	56.73121	39.0331	17.69811	32.67974	1
1659.23	1659.647	991.6471	96	144.33	96.69	90.14	11.40464	20.48206	68.1133	52.97485	15.13845	32.94399	1
1659.235	1659.652	991.6522	95.97	164.91	93.98	86.59	27.22188	7.384731	65.39339	40.21963	25.17376	32.63304	1
1659.24	1659.657	991.6573	95.12	163.58	91.65	87.72	39.79574	0.225159	59.9791	23.22248	36.75662	32.62524	1
1659.245	1659.662	991.6623	94.39	113.05	92.73	90.32	38.6681	5.111182	56.22072	23.83377	32.38695	32.5121	1
1659.25	1659.667	991.6674	87.93	41.02	87.75	86.77	50.57256	4.00355	45.42389	26.10164	19.32225	33.97398	1
1659.255	1659.673	991.6725	83.63	25.16	83.54	81.76	57.66918	1.415081	40.91574	12.50159	28.41415	35.34114	1
1659.26	1659.678	991.6776	79.64	17.08	79.35	77.69	64.84534	0	35.15466	9.796609	25.35805	35.30216	1
1659.265	1659.683	991.6827	79.56	16.07	79.33	79	64.69836	0	35.30164	6.133432	29.16821	35.11296	1
1659.27	1659.688	991.6878	80.94	32.43	79.63	78.06	67.83964	0	32.16036	23.17424	8.986122	34.19042	1
1659.275	1659.693	991.6928	81.38	41.54	79.8	77.3	67.32272	0	32.67728	7.825645	24.85164	34.13338	1
1659.28	1659.698	991.6979	79.43	13.3	79.14	78.77	65.9533	0	34.0467	23.5186	10.5281	34.93373	1
1659.285	1659.703	991.703	79.03	13.97	78.37	76.8	69.02666	0	30.97334	15.53637	15.43697	34.55839	1
1659.29	1659.708	991.7081	80.8	47.24	78.98	77.18	68.33692	0	31.66308	11.18608	20.477	33.71146	1
1659.295	1659.713	991.7132	80.97	46.72	79.39	77.53	66.44636	0	33.55364	7.185984	26.36766	34.07883	1
1659.3	1659.718	991.7183	81.51	47.75	80.71	76.93	59.6553	0.287075	40.05763	25.58351	14.47411	35.58592	1
1659.305	1659.723	991.7234	82.94	37.77	82.22	77.24	60.13486	0.212328	39.65281	15.04766	24.60515	36.16173	1
1659.31	1659.728	991.7284	81.6	32.8	81.88	75.76	54.8204	2.195231	42.98437	16.28579	26.69858	35.43589	1
1659.315	1659.734	991.7335	80.12	66.78	78.78	75.26	60.51384	0	39.48616	23.83407	15.65209	35.17295	1
1659.32	1659.739	991.7386	79.72	82.55	78.32	72.51	57.5305	0.799108	41.67039	20.91827	20.75213	34.80955	1
1659.325	1659.744	991.7437	78.21	49.2	76.69	71.82	67.9204	0	32.0796	15.03633	17.04327	34.58846	1

1659.33	1659.749	991.7488	79.15	73.22	76.63	74.17	68.99276	0	31.00724	19.93949	11.06775	33.41464	1
1659.335	1659.754	991.7539	77.82	19.69	77.14	75.12	68.91062	0	31.08938	15.43209	15.65729	34.50774	1
1659.34	1659.759	991.7589	77.62	18.85	76.92	73.53	69.4529	0	30.5471	17.84257	12.70453	34.69774	1
1659.345	1659.764	991.764	81.07	44.86	80.13	77.35	61.84448	0	38.15552	23.97424	14.18128	35.33722	1
1659.35	1659.769	991.7691	84.66	113.78	81.51	81.1	58.99054	0	41.00946	8.95823	32.05123	32.39101	1
1659.355	1659.774	991.7742	80.3	126.2	76.92	72.45	61.7786	0	38.2214	17.04789	21.17351	33.65211	1
1659.36	1659.779	991.7793	76.46	63.6	75.57	73.42	61.1631	0.045821	38.79108	24.641	14.15008	34.92606	1
1659.365	1659.784	991.7844	79.13	74.94	78.33	78.71	55.26492	1.554264	43.18082	28.81257	14.36825	33.40637	1
1659.37	1659.789	991.7895	78.72	44.03	78.71	80.35	56.99984	1.196551	41.80361	24.15258	17.65103	34.01888	1
1659.375	1659.795	991.7945	78.4	52.98	78.07	80.07	57.60834	0.967852	41.42381	29.11064	12.31317	33.86441	1
1659.38	1659.8	991.7996	81.73	96.69	79.65	75.92	57.52942	0.391378	42.0792	15.77012	26.30909	34.32254	1
1659.385	1659.805	991.8047	82.96	135.96	80.29	77.31	51.46698	1.637874	46.89515	31.47633	15.41882	32.66018	1
1659.39	1659.81	991.8098	80.21	68.86	77.26	74.89	72.40518	0	27.59482	22.07819	5.51663	32.78874	1
1659.395	1659.815	991.8149	79.12	76.94	76.43	74.12	69.43762	0	30.56238	17.01895	13.54343	33.26714	1
1659.4	1659.82	991.82	74.23	43.69	73.18	71.94	69.27292	0	30.72708	20.82384	9.903236	34.00542	1
1659.405	1659.825	991.825	70.43	29.29	69.67	69.28	74.00622	0	25.99378	17.57283	8.420946	33.60902	1
1659.41	1659.83	991.8301	71.71	28.16	71.53	71.76	68.60708	0	31.39292	6.235448	25.15747	33.73789	1
1659.415	1659.835	991.8352	71.46	21.06	71.41	71.47	69.54778	0	30.45222	16.17906	14.27316	33.69317	1
1659.42	1659.84	991.8403	70.43	23.25	70.5	71.11	69.0354	0	30.9646	16.29056	14.67404	33.52594	1
1659.425	1659.845	991.8454	71.55	24.19	71.04	71.18	72.27252	0	27.72748	22.11828	5.609201	33.56758	1
1659.43	1659.85	991.8505	72.55	20.03	72.02	71.65	72.51424	0	27.48576	20.59996	6.885803	33.69979	1
1659.435	1659.856	991.8556	75.11	30.95	74.35	73.94	69.2989	0	30.7011	24.06149	6.639615	33.94977	1
1659.44	1659.861	991.8606	74.32	98.48	75.53	75.2	38.41594	6.014657	55.5694	23.00917	32.56024	31.26248	10
1659.445	1659.866	991.8657	79.41	174.48	79.51	78.98	23.94364	10.48868	65.56768	45.26832	20.29937	30.22319	10
1659.45	1659.871	991.8708	85.24	222.01	83.78	81.52	19.16778	11.05643	69.77579	36.82282	32.95297	30.4203	10
1659.455	1659.876	991.8759	80.89	108.32	80.18	76.45	44.87026	4.448048	50.68169	33.68854	16.99315	32.40545	10
1659.46	1659.881	991.881	81.79	55.11	81.63	80.67	52.65658	2.567787	44.77563	17.87683	26.8988	33.78212	10
1659.465	1659.886	991.8861	83.93	53.67	84.11	81.55	48.40126	4.281548	47.31719	30.53874	16.77845	33.62989	10
1659.47	1659.891	991.8911	83.94	61.34	83.82	80.88	48.86092	3.8867	47.25238	22.44663	24.80575	33.64019	10
1659.475	1659.896	991.8962	86.53	51.76	87.08	87.74	43.60398	6.663658	49.73236	28.39147	21.3409	32.61095	10
1659.48	1659.901	991.9013	88.39	72	88.95	88.76	36.9172	9.157687	53.92511	36.76813	17.15699	32.02673	10
1659.485	1659.906	991.9064	87.79	78.7	88.19	85.45	37.0878	8.640179	54.27202	20.13091	34.14111	32.41975	10
1659.49	1659.911	991.9115	91.38	50.47	92.45	94.27	35.42416	12.03917	52.53667	31.48211	21.05456	31.76795	10
1659.495	1659.917	991.9166	88.58	59.08	89	89	40.95404	7.850803	51.19516	31.64087	19.55429	32.44365	10
1659.5	1659.922	991.9217	88.77	48.58	89.75	91.02	38.98024	9.508651	51.51111	28.49108	23.02002	32.15093	10
1659.505	1659.927	991.9267	90.76	35.78	91.91	92.89	38.92954	10.90284	50.16762	18.063	32.10463	32.31037	10
1659.51	1659.932	991.9318	88.79	30.14	89.33	89.14	46.83432	6.500614	46.66507	15.93722	30.72784	33.44302	10
1659.515	1659.937	991.9369	83.04	55.71	83	83.49	50.43138	3.398285	46.17033	31.93791	14.23242	33.25605	10
1659.52	1659.942	991.942	86.75	53.07	87.12	87.47	44.47956	6.228744	49.2917	30.85514	18.43656	32.74852	10
1659.525	1659.947	991.9471	88.93	44.68	89.13	88.54	45.82184	6.213127	47.96503	33.71503	14.25	33.23834	10
1659.53	1659.952	991.9522	86.66	62.77	87.16	89.12	41.20746	7.300209	51.49233	25.69487	25.79746	32.01303	10
1659.535	1659.957	991.9572	86.26	49.24	86.53	87.63	46.63222	5.364313	48.00347	19.89057	28.1129	32.8877	10
1659.54	1659.962	991.9623	88.15	56.94	88.93	90.02	39.07752	8.851365	52.07112	34.52347	17.54764	32.09896	10
1659.545	1659.967	991.9674	90.23	45.06	90.63	91.37	42.98388	7.839324	49.1768	34.00989	15.16691	32.685	10
1659.55	1659.972	991.9725	88.23	78.9	89.82	90.93	27.4121	13.6363	58.9516	24.52841	34.4232	31.40957	10
1659.555	1659.978	991.9776	84.49	70.2	84.98	88.76	41.4833	6.632045	51.88465	28.87559	23.00906	31.53577	10
1659.56	1659.983	991.9827	85.7	49.4	86.02	86.12	46.7212	5.266974	48.01183	32.81553	15.19629	33.0619	10
1659.565	1659.988	991.9877	90.42	23.6	90.78	91.17	48.3124	6.340916	45.34668	29.58047	15.76621	33.63811	10
1659.57	1659.993	991.9928	89.95	28.25	90.1	90.02	49.247	5.482089	45.27091	21.85229	23.41862	33.81205	10
1659.575	1659.998	991.9979	84.91	43.58	85.04	84.94	50.32894	3.873906	45.79715	32.07995	13.7172	33.61643	10
1659.58	1660.003	992.003	90.11	24.41	90.56	90.78	47.70408	6.581082	45.71484	28.8444	16.87044	33.56706	10
1659.585	1660.008	992.0081	87.58	51.49	88.43	90.53	40.37832	8.384919	51.23676	20.78727	30.44949	32.06926	10
1659.59	1660.013	992.0132	88.56	50.51	89.59	90.92	38.31888	9.692442	51.98868	29.4732	22.51547	32.06716	10
1659.595	1660.018	992.0183	90.31	25.53	90.44	91.42	49.72904	5.424213	44.84675	29.26264	15.58411	33.72616	10
1659.6	1660.023	992.0233	87.92	23.98	88.16	89.41	51.45044	4.415052	44.13451	30.92053	13.21398	33.89503	10
1659.605	1660.028	992.0284	84.41	51.7	84.94	86.16	45.7239	5.472	48.8041	16.60548	32.19862	32.66827	10
1659.61	1660.034	992.0335	84.55	36.48	84.95	85.96	50.28584	4.096137	45.61802	29.50732	16.1107	33.49452	10
1659.615	1660.039	992.0386	86.99	25.27	87.28	87.91	51.60636	4.191682	44.20196	30.35549	13.84646	33.98995	10
1659.62	1660.044	992.0437	85.88	27.28	86.27	88.06	51.36614	4.103266	44.53059	32.05344	12.47716	33.67835	10
1659.625	1660.049	992.0488	82.16	56.18	83.56	84.74	39.96724	7.261455	52.77131	18.59929	34.17202	32.06217	10
1659.63	1660.054	992.0538	79.15	57.12	79.36	80.08	51.73146	2.746445	45.52209	30.55698	14.96512	33.1766	10
1659.635	1660.059	992.0589	75.08	85.46	76.08	78.06	42.49508	4.986269	52.51865	29.74933	22.76932	31.3214	10
1659.64	1660.064	992.064	74.55	83.8	75.66	77.02	42.5319	4.906745	52.56136	23.69106	28.8703	31.45064	10
1659.645	1660.069	992.0691	72.3	81.22	73.3	76.68	46.07876	3.763412	50.15783	27.24517	22.91266	31.28101	10
1659.65	1660.074	992.0742	73.18	37.7	73.71	74.51	59.4435	0.238155	40.31834	19.31853	20.99981	34.42781	10
1659.655	1660.079	992.0793	71	33.3	70.99	71.94	66.6989	0	33.3011	12.65454	20.64656	33.67332	10
1659.66	1660.084	992.0844	68.98	41.44	68.76	69.25	68.21492	0	31.78508	13.63278	18.1523	33.55374	10
1659.665	1660.089	992.0894	66.38	40.33	65.92	66.04	72.73554	0	27.26446	19.78842	7.47604	33.43017	10
1659.67	1660.095	992.0945	66.57	53.8	65.35	63.4	75.191	0	24.809	4.989944	19.81906	34.12604	10
1659.675	1660.1	992.0996	61.81	73.46	60.78	57.1	73.33998	0	26.66002	4.129409	22.53061	34.64538	10
1659.68	1660.105	992.1047	75.10917	80.85405	73.09825	68.35823	66.91751	0	33.08249	15.00191	18.08057	34.6043	10
1659.685	1660.11	992.1098	85.26146	83.76574	85.04745	81.82304	42.94672	5.625604	51.42768	24.29524	27.13243	32.78526	10
1659.69	1660.115	992.1149	82.44	107.6229	80.36061	78.1822	54.22573	1.198297	44.57598	24.49284	20.08314	33.3621	10

1659.695	1660.12	992.1199	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1660.03	1660.461	992.4606	87.6	8.75	87.83	86.67	55.508	3.17858	41.31342	13.77162	27.5418	35.20395	1
1660.035	1660.466	992.4657	88.34	15.25	88.67	89.59	52.4792	4.402053	43.11875	30.8238	12.29495	34.23099	1
1660.04	1660.471	992.4708	86.89	29.18	86.75	86.22	54.08464	2.87676	43.0386	28.90904	14.12956	34.55412	1
1660.045	1660.476	992.4759	85.73	24.63	86.74	87.83	47.34044	5.99073	46.66883	32.8862	13.78263	33.27859	1
1660.05	1660.481	992.4809	88.16	26.54	87.8	87.65	55.26012	2.463704	42.27618	15.15166	27.12452	34.78223	1
1660.055	1660.486	992.486	87.76	20.09	87.32	87.12	57.80902	1.566938	40.62404	19.76618	20.85786	35.33877	1
1660.06	1660.491	992.4911	87.11	19.32	86.65	86.58	58.74836	1.182474	40.06917	27.72022	12.34895	35.48098	1
1660.065	1660.496	992.4962	87.36	17.65	87.1	87.79	57.3725	1.880102	40.7474	13.24644	27.50096	35.09961	1
1660.07	1660.501	992.5013	85.78	17.12	85.68	85.43	57.71436	1.714865	40.57077	19.58554	20.98524	35.27626	1
1660.075	1660.506	992.5064	84.65	15.87	84.72	84.57	57.73896	1.697441	40.5636	26.00848	14.55512	35.23213	1
1660.08	1660.511	992.5115	84.27	20.06	84.08	82.66	59.08958	1.013675	39.89675	27.7944	12.10234	35.6473	1
1660.085	1660.517	992.5165	86.71	23.4	86.81	85.94	53.789	3.247186	42.96381	15.82478	27.13903	34.63317	1
1660.09	1660.522	992.5216	85.64	17.24	85.41	85.06	58.82162	1.234886	39.94349	18.58187	21.36163	35.50336	1
1660.095	1660.527	992.5267	85.29	31.24	85.45	86.1	52.73312	3.310949	43.95593	22.87542	21.08051	34.02094	1
1660.1	1660.532	992.5318	84.56	17.17	84.55	83.98	58.12716	1.494257	40.37858	12.56016	27.81842	35.36033	1
1660.105	1660.537	992.5369	83.73	15.94	83.67	83.52	59.57592	0.921668	39.50241	17.65172	21.85069	35.54644	1
1660.11	1660.542	992.542	85.37	25.88	84.95	83.23	58.45164	1.097088	40.45127	27.83386	12.61741	35.54636	1
1660.115	1660.547	992.547	80.56	16.92	80.14	79.35	65.04516	0	34.95484	12.70893	22.24591	35.14333	1
1660.12	1660.552	992.5521	81.84	24.28	81.23	79.15	63.55894	0	36.44106	18.31792	18.12314	35.50999	1
1660.125	1660.557	992.5572	83.58	16.58	83.78	84.28	57.54404	1.68828	40.76768	28.38745	12.38024	35.02063	1
1660.13	1660.562	992.5623	85.7	21.64	85.1	83.92	60.56912	0.348431	39.08245	27.47122	11.61123	35.95429	1
1660.135	1660.567	992.5674	79.28	18.86	79.33	78.83	62.11078	0	37.88922	7.914516	29.9747	35.60315	1
1660.14	1660.572	992.5725	81.77	25.77	81.47	77.88	60.86026	0.201562	38.93818	26.55827	12.37991	36.17779	1
1660.145	1660.578	992.5776	83.56	37.89	83.33	81.84	55.73792	1.831532	42.43055	30.41323	12.01732	34.73272	1
1660.15	1660.583	992.5826	83.71	15.51	84.34	85.17	54.35088	2.996401	42.65272	28.31469	14.33803	34.4224	1
1660.155	1660.588	992.5877	81.8	18.94	81.75	80.25	60.54802	0.429785	39.0222	23.99166	15.03054	35.84778	1
1660.16	1660.593	992.5928	82.36	23.15	81.94	80.78	61.8815	0	38.1185	8.959386	29.15911	35.85639	1
1660.165	1660.598	992.5979	80.78	21.1	80.63	79.83	61.7387	0	38.2613	11.99815	26.26315	35.81466	1
1660.17	1660.603	992.603	77.32	11.21	77.27	77.33	66.54028	0	33.45972	7.396108	26.06361	34.62999	1
1660.175	1660.608	992.6081	81.34	21.98	80.82	79.86	63.87804	0	36.12196	15.02452	21.09744	35.29933	1
1660.18	1660.613	992.6131	82.01	24.19	81.92	81.18	59.39432	0.749192	39.85649	13.32605	26.53044	35.40335	1
1660.185	1660.618	992.6182	76.31	13.3	76.13	75.33	67.9712	0	32.0288	8.566375	23.46243	34.45256	1
1660.19	1660.623	992.6233	78.39	20.15	78.04	76.57	65.7174	0	34.2826	17.46423	16.81837	34.93096	1
1660.195	1660.628	992.6284	77.89	18.53	77.55	76.72	66.49194	0	33.50806	8.181185	25.32687	34.68652	1
1660.2	1660.633	992.6335	79.01	18.95	78.84	78.27	64.0424	0	35.9576	16.49997	19.45763	35.16398	1
1660.205	1660.639	992.6386	83.56	18.13	82.75	81.61	65.01484	0	34.98516	18.59736	16.3878	35.19938	1
1660.21	1660.644	992.6436	83.93	15.49	84.31	85.45	56.09082	2.323043	41.58614	13.69692	27.88921	34.66913	1
1660.215	1660.649	992.6487	85.66	26.95	85.26	85	57.7709	1.341834	40.88727	13.08049	27.80678	35.14401	1
1660.22	1660.654	992.6538	83.78	18.57	83.78	84.69	58.42846	1.300205	40.27134	21.79672	18.47461	35.08796	1
1660.225	1660.659	992.6589	84.82	20.95	84.84	83.87	56.7407	1.954167	41.30513	26.02348	15.28165	35.1293	1
1660.23	1660.664	992.664	80.13	26.95	78.88	77.51	69.446	0	30.554	16.38819	14.16581	34.06833	1
1660.235	1660.669	992.6691	75.88	9.05	75.82	76.27	68.4653	0	31.5347	14.82385	16.71085	34.18847	1
1660.24	1660.674	992.6742	77.09	22.53	76.92	76.44	64.94244	0	35.05756	22.68056	12.377	34.74539	1
1660.245	1660.679	992.6792	79.64	11.82	79.51	79.84	64.87826	0	35.12174	14.45286	20.66888	35.07924	1
1660.25	1660.684	992.6843	82.6	33.89	83.06	83.3	52.24162	3.20132	44.55706	18.22512	26.33194	33.88037	1
1660.255	1660.689	992.6894	83.08	26.8	82.66	82.17	60.3358	0.363986	39.30021	26.13167	13.16855	35.55342	1
1660.26	1660.694	992.6945	84.05	32.22	83.42	82.86	59.75926	0.427882	39.81286	23.58628	16.22658	35.41933	1
1660.265	1660.7	992.6996	80.39	14.96	80.27	79.8	63.35088	0	36.64912	21.65827	14.99085	35.53486	1
1660.27	1660.705	992.7047	80.94	25.47	80.91	81.61	59.60396	0.621998	39.77404	11.7873	27.98674	35.10165	1
1660.275	1660.71	992.7097	77.8	32.33	77.8	77.86	60.60014	0.149403	39.25046	15.01432	24.23613	35.11881	1
1660.28	1660.715	992.7148	76.76	14.72	76.92	77.66	64.57856	0	35.42144	14.44723	20.97421	34.70232	1
1660.285	1660.72	992.7199	79.92	40.72	79.33	78.37	61.19186	0	38.80814	9.071106	29.73703	35.28712	1
1660.29	1660.725	992.725	83.01	34.82	83.49	84.96	51.48436	3.50836	45.00728	33.11011	11.89717	33.54381	1
1660.295	1660.73	992.7301	85.95	31.2	86.53	87.38	48.8806	5.060716	46.05868	26.43365	19.62503	33.44047	1
1660.3	1660.735	992.7352	84.01	60.54	84.71	86.63	42.63512	6.407911	50.95697	22.72837	28.2286	32.09368	1
1660.305	1660.74	992.7403	80.17	67.59	79.06	79.08	58.48932	0.551124	40.95956	15.79388	25.16568	34.20843	1
1660.31	1660.745	992.7453	75.53	34.32	76.43	76.8	55.23196	1.488396	43.27964	26.26804	17.0116	34.0089	1
1660.315	1660.75	992.7504	76.51	48.24	76.91	77.11	54.83672	1.700985	43.4623	19.92228	23.54001	33.74434	1
1660.32	1660.756	992.7555	76.34	51.51	76.2	75.8	58.38678	0.732818	40.8804	23.03157	17.84884	34.34157	1
1660.325	1660.761	992.7606	76.7	20.63	76.25	76.16	67.93104	0	32.06896	8.910292	23.15867	34.22774	1
1660.33	1660.766	992.7657	76.48	19.17	76.44	75.89	65.30926	0	34.69074	25.40929	9.281451	34.70857	1
1660.335	1660.771	992.7708	75	24.95	74.88	75.09	65.8921	0	34.1079	10.01022	24.09768	34.27195	1
1660.34	1660.776	992.7758	74.86	62.79	74.51	78.72	58.64612	0.717276	40.6366	14.01263	26.62398	33.20957	1
1660.345	1660.781	992.7809	78.44	76.39	80.17	84.09	35.94132	7.5062	56.55248	40.1191	16.43338	30.95892	1
1660.35	1660.786	992.786	79.65	49.58	80.53	81.06	47.90364	4.107525	47.98884	27.61186	20.37697	32.90341	1
1660.355	1660.791	992.7911	78.15	34.98	77.21	75.51	66.92184	0	33.07816	19.62147	13.45669	34.42813	1
1660.36	1660.796	992.7962	79.16	45.63	79.05	78.77	56.98284	1.20343	41.81373	28.13766	13.67607	34.35483	1
1660.365	1660.801	992.8013	78.74	35.91	78.74	76.45	58.86898	0.678203	40.45282	15.67408	24.77874	35.21402	1
1660.37	1660.806	992.8064	77.66	19.69	77.33	77.68	66.34532	0	33.65468	16.45166	17.20302	34.45325	1
1660.375	1660.811	992.8114	79.6	25.25	78.79	77.83	66.935	0	33.065	17.19012	15.87488	34.50858	1
1660.38	1660.817	992.8165	76.99	21.41	76.57	76.57	67.24298	0	32.75702	11.6537	21.10332	34.30813	1
1660.385	1660.822	992.8216	77.99	44.92	77.08	76.68	64.43106	0	35.56894	19.22433	16.34461	34.40265	1

1660.39	1660.827	992.8267	78.72	52.79	78.02	76.11	60.22742	0.194331	39.57825	14.43851	25.13974	35.06601	1
1660.395	1660.832	992.8318	80.4	36.56	80.82	78.82	53.92948	2.348495	43.72202	19.33746	24.38457	34.41176	1
1660.4	1660.837	992.8369	83.04	40.21	82.56	82.61	57.59238	1.084911	41.32271	17.57722	23.74548	34.70753	1
1660.405	1660.842	992.8419	88.82	39.1	87.6	87.32	58.2784	0.382196	41.3394	9.73864	31.60076	35.27594	1
1660.41	1660.847	992.847	90.95	52.39	89.54	88.73	54.57512	1.153807	44.27107	14.65453	29.61654	34.65719	1
1660.415	1660.852	992.8521	84.81	25.95	85.14	84.8	53.1374	3.28419	43.57841	28.94968	14.62873	34.32243	1
1660.42	1660.857	992.8572	80.92	32.61	81.5	82.96	53.16698	2.719929	44.11309	30.66818	13.44491	33.74837	1
1660.425	1660.862	992.8623	84.28	38.66	84.65	85.69	50.23918	4.019174	45.74165	18.90006	26.84159	33.4342	1
1660.43	1660.867	992.8674	83.46	55.41	82.39	82.1	58.10008	0.555038	41.34488	12.8066	28.53828	34.6387	1
1660.435	1660.872	992.8725	76.84	38.63	76.11	74.11	65.61624	0	34.38376	14.96531	19.41845	34.61753	1
1660.44	1660.878	992.8775	79.33	27.69	79.59	79.21	58.30042	0.944825	40.75476	19.11264	21.64212	34.94265	1
1660.445	1660.883	992.8826	82.78	30.33	82.33	81.45	59.99004	0.420135	39.58982	28.0405	11.54933	35.4804	1
1660.45	1660.888	992.8877	85.88	45.42	85.19	83	55.34626	1.722822	42.93092	30.49225	12.43867	34.80351	1
1660.455	1660.893	992.8928	80.46	36.69	80.1	77.98	59.88782	0.377616	39.73456	27.10031	12.63425	35.44854	1
1660.46	1660.898	992.8979	78.34	39.72	77.53	76.57	64.59246	0	35.40754	16.74563	18.66191	34.58461	1
1660.465	1660.903	992.903	80.35	59.19	79.29	77.59	59.96902	0.140966	39.89001	20.28483	19.60519	34.96502	1
1660.47	1660.908	992.908	84.36	47.14	84.24	84.98	51.91092	3.092591	44.99649	31.13858	13.85791	33.60446	1
1660.475	1660.913	992.9131	83.11	51.44	82.02	80.16	59.53782	0.148061	40.31412	22.33722	17.9769	35.24129	1
1660.48	1660.918	992.9182	80.91	26.47	80.41	78.82	63.03206	0	36.96794	9.017593	27.95035	35.44716	1
1660.485	1660.923	992.9233	80.79	38.22	81.14	81.51	53.71146	2.429688	43.85885	23.56219	20.29666	33.92785	1
1660.49	1660.928	992.9284	75.34	36.42	75.67	72.98	59.31606	0.395409	40.28853	14.7323	25.55623	35.18047	1
1660.495	1660.933	992.9335	72.47	40.55	72.16	69.89	65.917	0	34.083	10.92252	23.16048	34.43471	1
1660.5	1660.939	992.9386	76.67	41.72	76.32	75.51	62.07986	0	37.92014	20.70853	17.21161	34.91989	1
1660.505	1660.944	992.9436	78.65	31.11	78.26	77.72	63.13588	0	36.86412	16.32472	20.5394	34.99807	1
1660.51	1660.949	992.9487	72.85	30.26	73.33	73.51	61.93508	0	38.06492	25.99238	12.07254	34.50814	1
1660.515	1660.954	992.9538	69.67	31.87	69.88	70.51	66.56356	0	33.43644	8.523668	24.91277	33.59661	1
1660.52	1660.959	992.9589	70.83	73.53	69.02	64.51	71.06964	0	28.93036	6.923551	22.00681	34.65848	1
1660.525	1660.964	992.964	71.15	62.99	71.02	65.7	60.30592	0.322408	39.37167	9.596611	29.77506	35.01646	1
1660.53	1660.969	992.9691	73.75	73.01	72.69	70.88	62.69658	0	37.30342	17.7096	19.59382	34.62333	1
1660.535	1660.974	992.9741	77.94	61.93	80.3	81.18	35.01814	7.852307	57.12955	35.66105	21.4685	31.75075	1
1660.54	1660.979	992.9792	77.78	52.03	79.22	72.46	44.69114	4.821878	50.48698	28.03399	22.45299	33.83663	1
1660.545	1660.984	992.9843	75.98	60.02	74.71	74	65.41606	0	34.58394	15.94741	18.63653	34.12672	1
1660.55	1660.989	992.9894	77.16	63.6	77.89	77.17	47.9641	3.68877	48.34713	27.85131	20.49582	32.78119	1
1660.555	1660.994	992.9945	81.15	72.89	82.64	82.9	36.15512	8.081354	55.76353	32.06921	23.69431	31.75268	1
1660.56	1661	992.9996	81.57	100.27	83.94	84.57	22.32276	12.79367	64.88357	34.35538	30.52819	31.40646	1
1660.565	1661.005	993.0046	79.23	83.4	82.04	84.44	25.1481	11.31407	63.53783	37.68367	25.85417	31.21706	1
1660.57	1661.01	993.0097	77.79	257.24	78.96	64.86	0	18.0315	81.9685	81.9685	0	-9999	1
1660.575	1661.015	993.0148	72.88	155.16	67.9	61.29	73.99668	0	26.00332	16.72849	9.274833	35.36678	1
1660.58	1661.02	993.0199	67.8	69.68	65.3	62.28	80.13644	0	19.86356	17.16006	2.703499	34.86486	1
1660.585	1661.025	993.025	65.81	39	64	63.35	84.0443	0	15.9557	6.23955	9.71615	34.39032	1
1660.59	1661.03	993.0301	66.13	48.32	63.43	61.94	88.39196	0	11.60804	11.60804	0	35.32632	1
1660.595	1661.035	993.0352	66.01	45.67	65.78	63.41	70.00116	0	29.99884	16.174	13.82484	33.88581	1
1660.6	1661.04	993.0402	67.54	38.46	69.51	70.86	53.28838	0.951184	45.76044	20.95754	24.80289	33.13799	1
1660.605	1661.045	993.0453	70.85	35.73	72.27	73.8	55.16634	0.961249	43.87241	22.42248	21.44993	33.55378	1
1660.61	1661.05	993.0504	75.73	50.63	77.15	77.67	47.07094	3.776909	49.15215	30.68839	18.46376	32.66656	1
1660.615	1661.055	993.0555	75.18	58.42	76.1	76.55	49.56676	3.031952	47.40129	23.87087	23.53042	32.75409	1
1660.62	1661.061	993.0606	72.12	32.75	72.88	73.68	59.8341	0.011571	40.15433	15.49638	24.65795	34.54203	1
1660.625	1661.066	993.0657	72.49	20.55	72.53	72.61	68.0261	0	31.9739	24.86603	7.107867	33.8779	1
1660.63	1661.071	993.0707	77.66	25.5	76.98	76.57	67.6518	0	32.3482	7.577759	24.77044	34.26557	1
1660.635	1661.076	993.0758	78.69	23.55	78.9	78.92	60.2786	0.323789	39.39761	16.82216	22.57545	35.2767	1
1660.64	1661.081	993.0809	76.09	15.05	76.05	75.72	66.6651	0	33.3349	16.17306	17.16184	34.49558	1
1660.645	1661.086	993.086	74.81	7.93	74.68	74.68	70.26324	0	29.73676	22.1263	7.610463	33.99198	1
1660.65	1661.091	993.0911	77.59	15.58	77.61	76.94	64.69184	0	35.30816	15.43918	19.86898	35.01049	1
1660.655	1661.096	993.0962	78.89	30.51	78.7	78.24	61.51028	0	38.48972	16.5984	21.89132	35.35985	1
1660.66	1661.101	993.1013	74.09	16.74	73.74	72.92	70.49862	0	29.50138	18.5412	10.96018	33.99102	1
1660.665	1661.106	993.1063	74.82	35.01	73.59	72.51	72.22568	0	27.77432	16.18186	11.59246	33.79054	1
1660.67	1661.111	993.1114	77.25	34.68	76.6	75.72	65.57494	0	34.42506	19.50486	14.9202	34.49063	1
1660.675	1661.117	993.1165	75.29	14.11	74.74	74.51	71.58108	0	28.41892	19.8572	8.561715	33.87369	1
1660.68	1661.122	993.1216	77.08	20.42	77.08	76.62	64.14476	0	35.85524	14.29787	21.55737	34.91636	1
1660.685	1661.127	993.1267	80.36	20.47	80.07	79.94	63.36256	0	36.63744	10.08684	26.5506	35.27642	1
1660.69	1661.132	993.1318	78.36	26.51	77.7	75.82	66.60838	0	33.39162	24.49398	8.897643	34.69459	1
1660.695	1661.137	993.1368	75.94	49.22	75.59	75.86	60.93646	0.049813	39.01373	23.09869	15.91504	34.69142	1
1660.7	1661.142	993.1419	81.23	31.8	80.73	79.18	61.4478	0	38.5522	20.46174	18.09046	35.65949	1
1660.705	1661.147	993.147	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1661.015	1661.461	993.4614	92.88	158.67	92.69	86.73	17.62476	14.49093	67.88431	46.36067	21.52364	32.34382	4
1661.02	1661.466	993.4662	85.43	38.32	84.82	82.94	56.85846	1.350073	41.79147	25.72839	16.06307	35.08875	4
1661.025	1661.471	993.471	82.5	25.17	82.51	83.71	57.93136	1.275252	40.79339	21.35056	19.44283	34.77072	4
1661.03	1661.476	993.4758	83.53	36.57	82.33	81.39	63.60246	0	36.39754	12.91765	23.47989	34.70644	4
1661.035	1661.481	993.4807	82.4	51.73	81.41	82.18	59.34584	0.272794	40.38137	12.66384	27.71753	34.66078	4
1661.04	1661.485	993.4855	85.97	68.26	85.25	83.94	49.96868	3.196723	46.8346	18.11483	28.71976	33.4757	4
1661.045	1661.49	993.4903	85.55	58.54	84.8	84.06	52.93982	2.308047	44.75213	14.89446	29.85767	33.92315	4
1661.05	1661.495	993.4951	85.28	47.61	84.41	83.9	56.76328	1.108991	42.12773	11.47449	30.65324	34.67204	4
1661.055	1661.5	993.4999	84.48	41.95	84.16	84.96	54.6065	2.16968	43.22382	32.05645	11.16737	34.09513	4

1661.06	1661.505	993.5047	84.33	37.47	83.15	81.89	62.49366	0	37.50634	14.60532	22.90102	34.98263	4
1661.065	1661.51	993.5095	81.63	31.1	81.14	80.88	61.1717	0.009779	38.81852	23.68781	15.13071	35.51732	4
1661.07	1661.514	993.5143	81.98	23.31	81.75	81.63	60.71988	0.294852	38.98527	18.51865	20.46662	35.55412	4
1661.075	1661.519	993.5191	85.3	34.56	84.67	84.63	58.04298	0.989118	40.9679	25.93721	15.03069	35.01827	4
1661.08	1661.524	993.5239	84.64	48.13	83.71	80.92	57.69124	0.777146	41.53161	29.03049	12.50112	35.2143	4
1661.085	1661.529	993.5287	84.92	36.75	84.16	83.18	58.8701	0.609247	40.52065	19.97101	20.54965	35.2964	4
1661.09	1661.534	993.5335	85.27	41.11	84.13	82.79	60.43798	0	39.56202	17.09964	22.46238	35.39767	4
1661.095	1661.538	993.5384	83.53	50.86	83.43	83.47	51.61928	3.081587	45.29913	25.85195	19.44719	33.58964	4
1661.1	1661.543	993.5432	85.29	64.12	84.69	80.21	50.66616	3.07607	46.25777	29.38656	16.87121	34.17832	4
1661.105	1661.548	993.548	81.23	49.29	79.46	78.05	67.05772	0	32.94228	21.55754	11.38474	33.7458	4
1661.11	1661.553	993.5528	78.18	35.85	77.74	77.86	62.8087	0	37.1913	17.05049	20.14081	34.80039	4
1661.115	1661.558	993.5576	76.81	21.22	76.55	76.33	66.21456	0	33.78544	15.95056	17.83488	34.48966	4
1661.12	1661.562	993.5624	78.72	22.36	78	77.39	67.74648	0	32.25352	10.0034	22.25012	34.36606	4
1661.125	1661.567	993.5672	81.08	44.55	80.37	79.53	60.1278	0.192602	39.6796	23.58449	16.09511	35.14725	4
1661.13	1661.572	993.572	80.05	32.94	79.25	78.15	64.58252	0	35.41748	8.441774	26.97571	34.7762	4
1661.135	1661.577	993.5768	81.68	43.61	80.78	77.61	61.27578	0	38.72422	13.79479	24.92943	35.56656	4
1661.14	1661.582	993.5816	82.39	51.98	81.29	77.39	60.14704	0	39.85296	8.110523	31.74244	35.6607	4
1661.145	1661.586	993.5864	78.59	46.54	77.14	74.98	67.67202	0	32.32798	19.94576	12.38222	34.13079	4
1661.15	1661.591	993.5912	77.33	28.15	76.92	75.94	65.2216	0	34.7784	12.09409	22.68431	34.68849	4
1661.155	1661.596	993.5961	77.32	21.5	76.8	75.98	67.6926	0	32.3074	5.63372	26.67368	34.3991	4
1661.16	1661.601	993.6009	78.87	49.91	78.37	76.39	59.23638	0.494474	40.26915	26.43963	13.82951	34.95539	4
1661.165	1661.606	993.6057	77.82	55.4	76.74	75	63.3688	0	36.6312	12.64608	23.98512	34.6286	4
1661.17	1661.61	993.6105	76.68	35.41	75.41	72.8	70.72768	0	29.27232	23.1469	6.125425	34.12454	4
1661.175	1661.615	993.6153	76.08	29.53	75.55	75.39	66.96764	0	33.03236	7.731762	25.3006	34.19907	4
1661.18	1661.62	993.6201	75.84	32.13	76.03	76.61	60.97924	0	39.02076	16.17496	22.8458	34.94127	4
1661.185	1661.625	993.6249	74.49	27.58	74.51	74.68	64.63984	0	35.36016	11.18516	24.175	34.36103	4
1661.19	1661.63	993.6297	79.13	42.24	78.55	76.21	61.47332	0	38.52668	12.34333	26.18335	35.40817	4
1661.195	1661.635	993.6345	78.35	38.09	77.42	76.5	65.90772	0	34.09228	11.88353	22.20875	34.37534	4
1661.2	1661.639	993.6393	76.55	64.42	74.92	73.57	66.61686	0	33.38314	10.46309	22.92005	34.00222	4
1661.205	1661.644	993.6441	75.56	64.03	74.19	72.8	65.60704	0	34.39296	14.72133	19.67163	34.20066	4
1661.21	1661.649	993.6489	77.52	62.79	76	74.16	65.26642	0	34.73358	22.98907	11.74451	34.22455	4
1661.215	1661.654	993.6538	77.73	51.55	76.21	75.51	67.7933	0	32.2067	11.90879	20.29791	33.81699	4
1661.22	1661.659	993.6586	80.71	34.7	80.49	79.96	59.0544	0.675811	40.26979	12.8999	27.36989	35.04183	4
1661.225	1661.663	993.6634	84.63	37.66	83.94	81.91	58.37418	0.795696	40.83012	10.94531	29.88481	35.36212	4
1661.23	1661.668	993.6682	85.36	57.93	84.9	80.12	51.01474	3.12859	45.85667	30.3632	15.49347	34.37651	4
1661.235	1661.673	993.673	86.77	113.5	84.1	79.27	53.3971	0.218477	46.38442	21.35956	25.02486	34.02985	4
1661.24	1661.678	993.6778	85.75	107.18	82.92	77.33	57.10494	0	42.89506	23.59998	19.29508	33.81095	4
1661.245	1661.683	993.6826	83.94	77.02	81.22	77.98	65.21636	0	34.78364	10.64467	24.13897	32.92255	4
1661.25	1661.687	993.6874	81.95	49.64	80.67	77.98	62.51312	0	37.48688	8.852847	28.63403	34.91971	4
1661.255	1661.692	993.6922	81.61	40.44	80.8	79.74	61.40982	0	38.59018	23.08681	15.50337	35.2591	4
1661.26	1661.697	993.697	81.68	52.1	80.76	78.08	59.3762	0.310613	40.31319	13.05001	27.26318	35.24706	4
1661.265	1661.702	993.7018	80.87	56.47	79.41	77.72	63.24886	0	36.75114	13.35579	23.39535	34.42788	4
1661.27	1661.707	993.7066	79.71	28.3	79.28	78.76	63.1507	0	36.8493	23.53289	13.31641	35.11102	4
1661.275	1661.711	993.7115	82.08	51.18	80.26	79.59	66.20584	0	33.79416	14.62149	19.17267	33.59862	4
1661.28	1661.716	993.7163	82.59	74.72	80.82	78.92	59.65246	0	40.34754	17.02122	23.32632	34.53653	4
1661.285	1661.721	993.7211	81.21	51.12	79.89	78.02	63.14576	0	36.85424	19.9635	16.89074	34.62268	4
1661.29	1661.726	993.7259	79.18	50.19	78.14	78.37	63.06842	0	36.93158	14.23308	22.6985	34.39202	4
1661.295	1661.731	993.7307	80.86	61.43	79.18	77	63.76274	0	36.23726	9.948333	26.28893	34.25785	4
1661.3	1661.735	993.7355	83.15	93.03	80.89	75.4	58.50374	0	41.49626	23.39635	18.09991	34.73129	4
1661.305	1661.74	993.7403	84.1	115.37	82.85	78.35	44.39596	4.236382	51.36766	21.11759	30.25006	32.58393	4
1661.31	1661.745	993.7451	85.21	167.7	83.2	77.8	36.6009	5.744471	57.65463	35.80616	21.84846	31.49004	4
1661.315	1661.75	993.7499	84.9	165.32	83.45	78.35	33.12206	7.191008	59.68693	35.12678	24.56015	31.35047	4
1661.32	1661.755	993.7547	85.58	100.43	84.82	83.43	42.85234	5.113266	52.03439	17.46926	34.56514	32.19955	4
1661.325	1661.76	993.7595	84.64	118.23	81.31	77.96	59.32704	0	40.67296	9.108569	31.56439	32.64773	4
1661.33	1661.764	993.7643	83.11	112.33	80.07	76.55	59.91494	0	40.08506	25.43851	14.64655	33.30876	4
1661.335	1661.769	993.7691	82.41	85.96	79.9	74.74	62.83298	0	37.16702	19.56244	17.60458	33.96567	4
1661.34	1661.774	993.774	81.51	84.91	79.98	75.39	56.32008	0.93402	42.7459	19.0686	23.6773	34.45809	4
1661.345	1661.779	993.7788	80.86	83.58	79.59	77.05	55.22494	1.376055	43.399	22.03028	21.36872	33.87893	4
1661.35	1661.784	993.7836	79.69	104.67	77.72	75.98	56.62256	0.994488	42.38295	21.08099	21.30197	33.45775	1
1661.355	1661.788	993.7884	79.07	41.37	78.39	77.33	62.51406	0	37.48594	16.90773	20.57821	34.96756	1
1661.36	1661.793	993.7932	86.73	210.15	85.17	75.02	21.4421	10.24539	68.31251	33.121	35.19151	31.99708	1
1661.365	1661.798	993.798	86.1	157.49	83.96	80.51	39.26042	4.767218	55.97236	28.37576	27.5966	31.50118	1
1661.37	1661.803	993.8028	83.54	176.27	80.1	76.9	47.14586	2.3952	50.45894	18.65501	31.80393	31.51015	1
1661.375	1661.808	993.8076	81.27	117.01	78.7	74.39	56.83268	0.555678	42.61164	20.15802	22.45363	33.87128	1
1661.38	1661.812	993.8124	81.62	179.34	77.17	72.98	55.99682	0.486434	43.51675	13.11304	30.40371	32.5386	1
1661.385	1661.817	993.8172	82.67	102.46	82.06	74.86	43.87578	4.807703	51.31652	17.86638	33.45014	33.15469	1
1661.39	1661.822	993.822	82.2	48.6	81.48	78.77	58.1948	0.737656	41.06754	28.93391	12.13363	35.12736	1
1661.395	1661.827	993.8268	82.64	43.25	81.76	77.27	60.3247	0.05831	39.61699	16.16189	23.4551	35.97947	1
1661.4	1661.832	993.8317	86.85	85.05	85.71	79.06	48.3509	3.211306	48.43779	23.15041	25.28739	34.06366	1
1661.405	1661.836	993.8365	85.46	43.84	84.22	82.59	60.37752	0	39.62248	15.74309	23.87939	35.30039	1
1661.41	1661.841	993.8413	79.57	43.74	78.28	74.92	66.20802	0	33.79198	14.18125	19.61073	34.59055	1
1661.415	1661.846	993.8461	76.03	25.08	75.13	72.86	70.95804	0	29.04196	10.70774	18.33422	34.18592	1
1661.42	1661.851	993.8509	71.07	43.03	69.92	68.83	73.11484	0	26.88516	13.05561	13.82955	33.80398	1

1661.425	1661.856	993.8557	82.17	94.09	83.1	73.35	34.42632	8.434507	57.13917	38.83349	18.30569	33.22348	1
1661.43	1661.861	993.8605	85.23	148.51	88.01	70.11	4.10398	20.38436	75.51166	65.43739	10.07427	-9999	1
1661.435	1661.865	993.8653	80.13	66.01	80.78	81.21	45.26848	4.826579	49.90494	23.28972	26.61522	32.37439	1
1661.44	1661.87	993.8701	80.06	73.7	80.63	75.72	44.0919	5.109092	50.79901	17.13262	33.66639	33.11875	1
1661.445	1661.875	993.8749	82.45	69.78	82.72	83.28	45.16674	5.009176	49.82408	23.35313	26.47095	32.36793	1
1661.45	1661.88	993.8797	81.08	30.94	80.31	80.06	63.88642	0	36.11358	11.66352	24.45006	34.83118	1
1661.455	1661.885	993.8845	79.47	27.62	78.32	76.63	69.11606	0	30.88394	19.71816	11.16578	34.19115	1
1661.46	1661.889	993.8894	73.28	27.02	73.15	72.95	67.05106	0	32.94894	9.943218	23.00572	34.04984	1
1661.465	1661.894	993.8942	88.96	107.88	85.16	83.26	61.49984	0	38.50016	22.3498	16.15036	29.98369	1
1661.47	1661.899	993.899	93.32	207.73	87.36	83.94	50.06494	0	49.93506	19.42889	30.50617	24.43934	1
1661.475	1661.904	993.9038	94.27	99.51	93.08	86.16	38.41268	6.403294	55.18403	28.03113	27.1529	33.37653	1
1661.48	1661.909	993.9086	87.96	32.31	87.42	85	55.44278	2.110226	42.44699	25.05424	17.39276	35.14312	1
1661.485	1661.913	993.9134	76.49	72.14	78.06	80.44	40.00382	5.892485	54.1037	25.24249	28.86121	31.41329	1
1661.49	1661.918	993.9182	81.1	63.51	81.66	76.86	45.67858	4.828208	49.49321	17.83586	31.65735	33.45809	1
1661.495	1661.923	993.923	88.81	100.82	88.09	80.98	39.47636	6.399877	54.12376	21.10497	33.0188	33.15973	1
1661.5	1661.928	993.9278	94.32	123.99	93.96	90.63	26.01002	12.16967	61.82031	28.26217	33.55814	31.93246	1
1661.505	1661.933	993.9326	83.7	29.88	82.98	80.22	61.34504	0	38.65496	14.50049	24.15447	36.01392	1
1661.51	1661.937	993.9374	84.81	39.93	84.02	82.67	58.43424	0.698294	40.86747	25.20272	15.66475	35.22185	1
1661.515	1661.942	993.9422	84.9	96.13	82.51	77.37	57.15104	0	42.84896	26.63257	16.21639	34.504	1
1661.52	1661.947	993.9471	83.52	54.25	81.27	77.04	67.4706	0	32.5294	20.7708	11.7586	33.5707	1
1661.525	1661.952	993.9519	84.33	63.09	82.09	78.57	64.50862	0	35.49138	19.00532	16.48606	33.62188	1
1661.53	1661.957	993.9567	88.32	118.82	85.89	81.13	48.82366	1.425079	49.75126	26.51313	23.23813	33.43541	1
1661.535	1661.961	993.9615	93.88	172.55	92.47	90.25	22.8008	10.1509	67.0483	46.55805	20.49024	31.43081	1
1661.54	1661.966	993.9663	89.19	88.41	89.31	84.18	35.61998	8.991443	55.38858	21.0795	34.30908	32.69174	1
1661.545	1661.971	993.9711	84.18	60.13	84.12	82.92	48.46794	4.083023	47.44904	32.10558	15.34346	33.2817	1
1661.55	1661.976	993.9759	82.28	61.76	81.94	80	51.99148	2.687226	45.32129	18.72951	26.59178	33.76302	1
1661.555	1661.981	993.9807	92.8	101.76	92.27	94.51	34.10558	9.01537	56.87905	29.83413	27.04492	31.26253	1
1661.56	1661.986	993.9855	88.65	80.54	87.94	89.08	44.45382	5.007728	50.53845	30.46799	20.07047	32.32914	1
1661.565	1661.99	993.9903	85.76	90.16	84.91	81.16	45.86958	4.188351	49.94207	30.54085	19.40122	33.08946	1
1661.57	1661.995	993.9951	85.36	62.59	85.27	84.14	47.01952	4.638828	48.34165	26.55966	21.78199	33.11054	1
1661.575	1662	993.9999	84.99	68.88	83.85	79.61	53.97524	1.634021	44.39074	19.36405	25.02669	34.53779	1
1661.58	1662.005	994.0048	92.44	82.42	92.06	86.52	37.95456	8.213353	53.83209	29.74499	24.0871	33.09674	1
1661.585	1662.01	994.0096	86.94	113.26	84.47	80.08	51.74878	0.830648	47.42057	14.55056	32.87001	33.71568	1
1661.59	1662.014	994.0144	87.16	113.77	85.28	82.45	46.85046	2.775357	50.37418	17.07242	33.30176	32.79457	1
1661.595	1662.019	994.0192	82.58	62.94	81.65	77.85	56.00242	1.235742	42.76184	18.19519	24.56665	34.72242	1
1661.6	1662.024	994.024	81.36	61.27	80.31	75.8	58.45896	0.521543	41.0195	25.60921	15.41029	35.22775	1
1661.605	1662.029	994.0288	78.01	41.02	78.22	77.45	56.67646	1.277901	42.04564	11.32665	30.71898	34.41302	1
1661.61	1662.034	994.0336	77.14	25.99	77.74	75.26	58.09162	0.850778	41.0576	16.12349	24.93411	35.21722	1
1661.615	1662.038	994.0384	83.57	146.77	81.01	73.23	47.43726	2.670962	49.89178	25.17163	24.72014	32.91362	1
1661.62	1662.043	994.0432	78.14	66.57	75.58	73.33	71.84126	0	28.15874	10.75165	17.40709	33.33373	1
1661.625	1662.048	994.048	75.48	22.66	75.03	75.22	68.56218	0	31.43782	14.04468	17.39314	33.99995	1
1661.63	1662.053	994.0528	73.84	11.52	73.92	73.62	68.65936	0	31.34064	20.03053	11.31011	34.06968	1
1661.635	1662.058	994.0576	71.78	11.91	71.92	72.45	69.99518	0	30.00482	7.804518	22.2003	33.59848	1
1661.64	1662.062	994.0624	73.66	10.15	73.37	72.66	72.024	0	27.976	14.6124	13.3636	33.87007	1
1661.645	1662.067	994.0673	73.32	20.44	73.62	73.15	65.27412	0	34.72588	8.468211	26.25767	34.33064	1
1661.65	1662.072	994.0721	73.54	40.94	74.28	75.33	56.70072	0.953564	42.34572	26.4549	15.89082	33.86569	1
1661.655	1662.077	994.0769	75.54	50.38	75.84	75.61	55.98624	1.336268	42.67749	18.72879	23.94871	33.8922	1
1661.66	1662.082	994.0817	77.8	53.47	77.49	73.21	57.88676	0.885766	41.22747	11.57312	29.65436	35.00663	1
1661.665	1662.086	994.0865	78.47	78.27	78.59	74.57	47.93626	3.733054	48.33069	17.22425	31.10644	33.15492	1
1661.67	1662.091	994.0913	80.49	137.03	79	77.61	44.33544	4.388141	51.27642	36.37557	14.90085	31.35107	1
1661.675	1662.096	994.0961	77.09	70.5	77.82	77.13	46.3587	4.12868	49.51262	24.11166	25.40096	32.4732	1
1661.68	1662.101	994.1009	75.16	44.92	75.21	77.04	59.59466	0.359832	40.04551	17.62759	22.41792	34.19725	1
1661.685	1662.106	994.1057	73.72	14	74.07	74.27	66.0771	0	33.9229	15.35026	18.57264	34.21518	1
1661.69	1662.111	994.1105	75.05	12.67	75.57	76.8	63.85786	0	36.14214	23.09694	13.0452	34.52373	1
1661.695	1662.115	994.1153	74.4	8.4	74.24	74.02	70.7592	0	29.2408	24.18926	5.051541	33.94117	1
1661.7	1662.12	994.1201	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1662.015	1662.423	994.4231	74.76	25.07	74.14	74.11	69.95886	0	30.04114	9.267691	20.77345	33.84183	1
1662.02	1662.428	994.4279	72.75	20.89	72.26	71.74	71.81212	0	28.18788	18.07894	10.10894	33.7456	1
1662.025	1662.433	994.4327	74.26	39.53	73.24	72.45	70.01954	0	29.98046	19.99239	9.988067	33.86442	1
1662.03	1662.437	994.4375	77.41	24.36	76.68	75.55	68.54518	0	31.45482	19.28629	12.16853	34.27521	1
1662.035	1662.442	994.4423	78.03	27.73	77.69	76.33	64.13674	0	35.86326	22.64381	13.21945	34.98884	1
1662.04	1662.447	994.4471	77.27	34.35	77.76	77.62	56.8014	1.214218	41.98438	11.45574	30.52864	34.40814	1
1662.045	1662.452	994.4519	77.94	25.16	78.29	78.72	59.49398	0.505582	40.00044	21.98165	18.01879	34.97684	1
1662.05	1662.457	994.4567	76.54	23.16	76.33	75.15	65.60598	0	34.39402	10.88144	23.51258	34.69968	1
1662.055	1662.462	994.4615	76.93	30.4	76.47	74.92	65.4326	0	34.5674	20.00558	14.56182	34.69151	1
1662.06	1662.466	994.4663	76.47	19.78	76.46	76.16	64.93834	0	35.06166	25.42103	9.640634	34.69511	1
1662.065	1662.471	994.4711	77.74	22.45	77.27	76.45	66.6888	0	33.3112	10.01559	23.29561	34.54436	1
1662.07	1662.476	994.476	76.46	24.35	75.86	75.21	68.4141	0	31.5859	10.07872	21.50718	34.18385	1
1662.075	1662.481	994.4808	74.86	22.14	74.43	74.27	69.10342	0	30.89658	9.429315	21.46726	33.97849	1
1662.08	1662.486	994.4856	75.25	21.26	74.8	74.39	69.11258	0	30.88742	7.763475	23.12394	34.05223	1
1662.085	1662.49	994.4904	78.26	31.95	77.21	74.39	68.4064	0	31.5936	16.01445	15.57915	34.45128	1
1662.09	1662.495	994.4952	75.8	19.75	75.15	74.66	70.522	0	29.478	8.354215	21.12378	33.95936	1
1662.095	1662.5	994.5	75.17	18.88	74.84	74.57	68.83214	0	31.16786	13.46438	17.70348	34.07902	1

1662.1	1662.505	994.5048	74.2	18.67	73.94	73.8	69.23286	0	30.76714	16.73749	14.02965	33.95446	1
1662.105	1662.51	994.5096	74.07	24.24	73.85	72	67.69452	0	32.30548	6.973531	25.33195	34.3649	1
1662.11	1662.514	994.5144	74.38	42.49	74.89	74.62	57.33532	0.874701	41.78998	24.05944	17.73054	34.2129	1
1662.115	1662.519	994.5192	73.08	41.22	74.71	75.39	50.15866	2.506206	47.33513	22.43418	24.90096	33.04184	1
1662.12	1662.524	994.524	72.77	39.35	72.98	72.5	61.9014	0	38.0986	7.146781	30.95182	34.56063	1
1662.125	1662.529	994.5288	71.89	34.4	71.1	71.09	71.6589	0	28.3411	12.78102	15.56008	33.61744	1
1662.13	1662.534	994.5337	71.71	31.97	70.62	68.68	74.73756	0	25.26244	7.779015	17.48342	33.89537	1
1662.135	1662.538	994.5385	70.39	26.52	69.44	69	76.18586	0	23.81414	15.02433	8.789813	33.59007	1
1662.14	1662.543	994.5433	69.87	28.5	69.68	68.62	70.2951	0	29.7049	8.508561	21.19634	33.73595	1
1662.145	1662.548	994.5481	69.99	38.18	69.09	68.33	73.34464	0	26.65536	9.634076	17.02128	33.69916	1
1662.15	1662.553	994.5529	70.53	36.77	69.92	66.39	70.94156	0	29.05844	10.0941	18.96434	34.25311	1
1662.155	1662.558	994.5577	69.72	28.51	69.07	66.15	73.99568	0	26.00432	15.42356	10.58076	34.02333	1
1662.16	1662.563	994.5625	69.46	28.32	68.84	68.51	74.04836	0	25.95164	6.084956	19.86668	33.53334	1
1662.165	1662.567	994.5673	69.55	13.83	69.19	68.72	75.45714	0	24.54286	23.0483	1.494556	33.47343	1
1662.17	1662.572	994.5721	70.31	25.66	69.48	67.39	75.53758	0	24.46242	6.043336	18.41908	33.88022	1
1662.175	1662.577	994.5769	71.35	36.25	70.82	67.33	69.693	0	30.307	22.53612	7.770883	34.32606	1
1662.18	1662.582	994.5817	71.46	40.91	71.53	68.77	63.81408	0	36.18592	9.642175	26.54374	34.62403	1
1662.185	1662.587	994.5865	70.71	28.65	70.55	70.39	69.2535	0	30.7465	13.74561	17.00089	33.67396	1
1662.19	1662.591	994.5914	70.08	42.35	70.07	71.09	65.3552	0	34.6448	8.634172	26.01063	33.67283	1
1662.195	1662.596	994.5962	69.56	42.06	70	70.05	62.41628	0	37.58372	16.5302	21.05352	34.02121	1
1662.2	1662.601	994.601	70.67	30.54	71.19	72.09	63.56292	0	36.43708	25.46244	10.97464	33.87626	1
1662.205	1662.606	994.6058	74.6	30.63	74.53	73.51	64.49804	0	35.50196	13.91155	21.59041	34.56981	1
1662.21	1662.611	994.6106	79.81	37.43	79.63	78.72	58.91174	0.6797	40.40856	11.12368	29.28488	34.97958	1
1662.215	1662.615	994.6154	82.43	40.16	82.7	80.76	52.35318	3.001531	44.64529	13.73367	30.91162	34.17457	1
1662.22	1662.62	994.6202	84.07	36.23	83.34	81.73	59.54544	0.407918	40.04664	22.80693	17.23971	35.49223	1
1662.225	1662.625	994.625	83.59	40.2	83.13	82.3	56.9338	1.320446	41.74575	11.29759	30.44817	34.76698	1
1662.23	1662.63	994.6298	80.89	41.44	80.24	78.41	60.59022	0.085599	39.32418	27.54124	11.78294	35.45455	1
1662.235	1662.635	994.6346	78.25	33.2	77.31	75.62	67.2606	0	32.7394	6.876916	25.86248	34.39217	1
1662.24	1662.639	994.6394	82.44	43.44	81.12	78.83	63.87272	0	36.12728	22.13016	13.99712	34.68164	1
1662.245	1662.644	994.6442	83.01	42.97	81.86	80.1	62.14456	0	37.85544	20.31514	17.5403	35.01982	1
1662.25	1662.649	994.6491	83.29	51.25	82.68	81.31	55.6982	1.536529	42.76527	16.58908	26.17619	34.45669	1
1662.255	1662.654	994.6539	83.47	30.82	83.47	83.78	55.74916	2.003317	42.24752	30.21494	12.03259	34.49148	1
1662.26	1662.659	994.6587	80.62	24.91	80.49	78.98	60.80888	0.217168	38.97395	23.31673	15.65722	35.71973	1
1662.265	1662.663	994.6635	79.57	24.87	79.04	76.8	64.88456	0	35.11544	17.59214	17.5233	35.14327	1
1662.27	1662.668	994.6683	77.86	27.57	77.22	76.55	66.65686	0	33.34314	21.23892	12.10422	34.41707	1
1662.275	1662.673	994.6731	77.86	26.6	77.21	76.15	66.9691	0	33.0309	21.36661	11.66429	34.45906	1
1662.28	1662.678	994.6779	79.12	19.56	79.27	78.62	61.31358	0.055625	38.6308	24.54585	14.08495	35.68251	1
1662.285	1662.683	994.6827	79.14	15.66	79.27	78.77	62.39398	0	37.60602	24.79805	12.80797	35.6	1
1662.29	1662.688	994.6875	78.24	18	78.06	77.27	65.0582	0	34.9418	16.14246	18.79934	34.95184	1
1662.295	1662.692	994.6923	78.39	24.44	78.67	79.86	59.79672	0.447457	39.75582	18.91	20.84582	34.92521	1
1662.3	1662.697	994.6971	78.86	21.58	78.76	78.05	63.00144	0	36.99856	6.981401	30.01716	35.30722	1
1662.305	1662.702	994.7019	77.14	24.81	76.65	75.15	66.82468	0	33.17532	10.32149	22.85383	34.57557	1
1662.31	1662.707	994.7067	77.19	27.43	76.19	75.33	70.09714	0	29.90286	17.28564	12.61722	33.96763	1
1662.315	1662.712	994.7116	77.03	27.72	75.7	74.5	72.73166	0	27.26834	9.363708	17.90463	33.74736	1
1662.32	1662.716	994.7164	77.73	34.96	78.1	77.21	57.16058	1.141535	41.69788	29.57228	12.12561	34.61269	1
1662.325	1662.721	994.7212	78.99	51.06	81.16	83.04	38.15518	7.240746	54.60407	21.44416	33.15991	31.85419	1
1662.33	1662.726	994.726	80.07	45.98	81.43	85.17	44.66844	5.327131	50.00443	35.19997	14.80445	32.04954	1
1662.335	1662.731	994.7308	80.26	35.1	80.16	80.79	58.4416	0.864131	40.69427	19.93676	20.75751	34.67562	1
1662.34	1662.736	994.7356	80.44	27.46	79.74	78.86	64.77488	0	35.22512	17.56466	17.66046	34.85238	1
1662.345	1662.74	994.7404	80.01	28.02	78.8	76.83	68.98746	0	31.01254	12.74498	18.26756	34.21814	1
1662.35	1662.745	994.7452	81.64	25.12	80.82	80.39	65.16716	0	34.83284	24.01019	10.82265	34.75395	1
1662.355	1662.75	994.75	82.99	20.81	82.3	81.35	63.96068	0	36.03932	22.69967	13.33965	35.32612	1
1662.36	1662.755	994.7548	81.48	20.97	80.7	77.55	66.00866	0	33.99134	13.73763	20.25371	35.21287	1
1662.365	1662.76	994.7596	78.93	14.3	79.21	78.57	61.7538	0	38.2462	14.14116	24.10504	35.78605	1
1662.37	1662.764	994.7644	76.72	21.95	77.19	75.62	60.4632	0.1466	39.3902	21.00739	18.38281	35.52755	1
1662.375	1662.769	994.7693	76.13	18.14	76.55	76.39	62.31552	0	37.68448	20.24311	17.44137	35.1023	1
1662.38	1662.774	994.7741	78.68	41.87	78.48	77.39	59.03186	0.594908	40.37323	17.57632	22.79691	34.88757	1
1662.385	1662.779	994.7789	78.29	33.62	77.77	76.21	63.86716	0	36.13284	11.10582	25.02702	34.95067	1
1662.39	1662.784	994.7837	78.89	18.56	78.63	78.27	64.94468	0	35.05532	15.75031	19.30501	34.92521	1
1662.395	1662.788	994.7885	79.94	21.28	79.7	78.68	63.16544	0	36.83456	9.306072	27.52849	35.41912	1
1662.4	1662.793	994.7933	80.11	20.43	80.18	79.31	60.81224	0.253436	38.93432	10.46792	28.4664	35.65591	1
1662.405	1662.798	994.7981	80.2	32.8	79.91	77.72	60.5259	0.213155	39.26095	24.42418	14.83676	35.62356	1
1662.41	1662.803	994.8029	78.26	26.87	78.18	76.27	62.11826	0	37.88174	24.31855	13.56319	35.52462	1
1662.415	1662.808	994.8077	77.23	33.57	77.28	77.39	60.43696	0.174674	39.38837	22.01286	17.37551	35.00609	1
1662.42	1662.813	994.8125	75.63	29.07	76.52	76.27	56.48796	1.148906	42.36313	27.78445	14.57869	34.40871	1
1662.425	1662.817	994.8173	77.63	53.12	77.86	75.98	53.94286	2.01716	44.03998	24.6803	19.35968	33.93902	1
1662.43	1662.822	994.8221	77.4	67.16	77.12	75.62	54.70928	1.770409	43.52031	31.53209	11.98823	33.68971	1
1662.435	1662.827	994.827	77.22	31.25	76.71	75.5	65.3476	0	34.6524	12.87002	21.78238	34.6356	1
1662.44	1662.832	994.8318	76.07	20.79	75.82	75.39	66.92192	0	33.07808	16.98646	16.09162	34.37199	1
1662.445	1662.837	994.8366	74.85	22.37	74.73	74.33	66.65446	0	33.34554	9.044166	24.30137	34.28815	1
1662.45	1662.841	994.8414	75.59	20.19	75.46	75.33	66.57872	0	33.42128	5.95208	27.4692	34.33554	1
1662.455	1662.846	994.8462	75.62	20.86	75.09	74.27	69.48898	0	30.51102	17.75433	12.75669	34.10549	1
1662.46	1662.851	994.851	74.17	39.71	73.4	72.27	68.12128	0	31.87872	6.946809	24.93191	34.08207	1

1662.465	1662.856	994.8558	74.62	55.56	74.18	73.39	61.31408	0.006846	38.67907	9.056156	29.62292	34.72617	1
1662.47	1662.861	994.8606	74.27	67.42	73.84	74.45	58.68846	0.751967	40.55957	19.2824	21.27717	33.72666	1
1662.475	1662.865	994.8654	75.3	58.73	75.27	72.86	56.74384	1.170855	42.0853	23.87526	18.21004	34.21771	1
1662.48	1662.87	994.8702	72.74	64.23	72.61	72.11	58.54304	0.74293	40.71403	29.02895	11.68508	33.88326	1
1662.485	1662.875	994.875	73.52	109.41	72.27	70.45	55.57188	2.006444	42.42168	14.99058	27.4311	32.71408	1
1662.49	1662.88	994.8798	75.13	75.97	74.23	72.57	59.47066	0.620565	39.90877	10.23062	29.67815	34.15033	1
1662.495	1662.885	994.8847	79.22	77.31	76.76	76.16	67.47358	0	32.52642	9.470499	23.05592	33.16941	1
1662.5	1662.889	994.8895	77.99	49.7	76.96	75.09	64.2043	0	35.7957	9.325856	26.46984	34.60043	1
1662.505	1662.894	994.8943	75.73	46.68	74.94	74.16	65.15434	0	34.84566	12.24663	22.59903	34.31351	1
1662.51	1662.899	994.8991	75.19	59.25	73.9	70.98	66.4842	0	33.5158	14.242	19.2738	34.42765	1
1662.515	1662.904	994.9039	72.44	18.08	72.29	71.92	70.14234	0	29.85766	5.941727	23.91593	33.79648	1
1662.52	1662.909	994.9087	69.55	38.74	69.82	70.15	64.54642	0	35.45358	15.77595	19.67763	33.78306	1
1662.525	1662.914	994.9135	70.88	78.45	71.81	72.72	48.598	3.029262	48.37274	30.95977	17.41296	31.92414	1
1662.53	1662.918	994.9183	75.01	68.45	73.86	72.98	63.3384	0	36.6616	10.7298	25.9318	34.36275	1
1662.535	1662.923	994.9231	72.23	30.87	71.76	71.15	69.72036	0	30.27964	7.80369	22.47595	33.8297	1
1662.54	1662.928	994.9279	70.6	39.28	69.85	68.77	71.35474	0	28.64526	22.26035	6.384911	33.8012	1
1662.545	1662.933	994.9327	67.63	54.58	65.74	62.78	79.21954	0	20.78046	3.630561	17.1499	34.53392	1
1662.55	1662.938	994.9375	64.39	27.72	63.42	61.91	81.57046	0	18.42954	6.803455	11.62609	34.01374	1
1662.555	1662.942	994.9424	65.91	16.86	65.7	65.04	76.91018	0	23.08982	21.16789	1.921929	33.34073	1
1662.56	1662.947	994.9472	68.28	34.11	67.45	66.67	75.36028	0	24.63972	8.904324	15.7354	33.65027	1
1662.565	1662.952	994.952	66.42	47.35	65.39	63.39	75.4174	0	24.5826	16.23577	8.346831	34.01488	1
1662.57	1662.957	994.9568	67.65	39.18	68.45	68.59	62.08044	0	37.91956	8.773451	29.14611	33.74575	1
1662.575	1662.962	994.9616	71.09	53.66	69.88	68.53	70.98898	0	29.01102	15.82519	13.18583	33.93332	1
1662.58	1662.966	994.9664	75.41	30.81	74.46	73.63	70.52928	0	29.47072	6.883599	22.58712	33.88776	1
1662.585	1662.971	994.9712	77.26	15.32	77.18	77.73	65.83336	0	34.16664	10.26159	23.90505	34.5449	1
1662.59	1662.976	994.976	73.79	26.7	73.51	72.15	67.8218	0	32.1782	8.070989	24.10721	34.22046	1
1662.595	1662.981	994.9808	73.21	44.55	73.69	74.07	58.1457	0.617563	41.23674	28.34696	12.88977	34.11564	1
1662.6	1662.986	994.9856	71.11	35.39	71.27	70.82	64.77442	0	35.22558	24.06471	11.16087	34.06972	1
1662.605	1662.99	994.9904	69.83	23.42	69.67	69.47	71.32876	0	28.67124	6.057447	22.61379	33.51706	1
1662.61	1662.995	994.9952	69.66	35.66	70.04	69.31	64.33808	0	35.66192	16.00017	19.66175	33.99188	1
1662.615	1663	995	69.11	22.46	69.4	69.82	68.73598	0	31.26402	15.47835	15.78567	33.40359	1
1662.62	1663.005	995.0049	71.35	23.31	72.19	72	62.20698	0	37.79302	21.83708	15.95594	34.32425	1
1662.625	1663.01	995.0097	72.53	35.68	72.98	74.03	61.15034	0	38.84966	11.93672	26.91294	34.36094	1
1662.63	1663.014	995.0145	70.13	23.28	70.29	69.86	68.60664	0	31.39336	9.28049	22.11287	33.68089	1
1662.635	1663.019	995.0193	71.59	42.48	70.29	69.94	73.93204	0	26.06796	21.21792	4.85004	33.63927	1
1662.64	1663.024	995.0241	71.96	27.37	72.14	71.22	65.77826	0	34.22174	11.67259	22.54915	34.16473	1
1662.645	1663.029	995.0289	72.28	30.14	71.54	70.27	71.94352	0	28.05648	19.69366	8.362823	33.84255	1
1662.65	1663.034	995.0337	70.02	12.9	70.19	71.86	71.1423	0	28.8577	19.2176	9.640099	33.14559	1
1662.655	1663.039	995.0385	69.88	18.2	70.2	70.5	68.826	0	31.174	14.43495	16.73905	33.48944	1
1662.66	1663.043	995.0433	69.86	19.1	70.25	70.33	68.0841	0	31.9159	18.81541	13.10049	33.56668	1
1662.665	1663.048	995.0481	69.75	16.92	69.92	70.04	70.41786	0	29.58214	23.24306	6.339077	33.44207	1
1662.67	1663.053	995.0529	71.46	23.53	72.39	73.66	61.35504	0	38.64496	9.539147	29.10581	34.17493	1
1662.675	1663.058	995.0577	70.67	35.59	72.12	74.04	55.13332	0.943779	43.9229	14.47523	29.44768	33.45524	1
1662.68	1663.063	995.0626	70.7	32.71	71.74	74.27	58.98018	0.072336	40.94748	26.04072	14.90676	33.99302	1
1662.685	1663.067	995.0674	71.68	24.8	72.55	74	61.3103	0	38.6897	14.70515	23.98455	34.18124	1
1662.69	1663.072	995.0722	71.31	19.01	72.11	73.57	63.59438	0	36.40562	6.928631	29.47699	33.86835	1
1662.695	1663.077	995.077	70.2	19.7	70.17	69.57	70.8811	0	29.1189	18.75411	10.36479	33.61573	1
1662.7	1663.082	995.0818	67.59	5.25	67.25	66.62	79.1817	0	20.8183	5.162305	15.65599	33.42663	1
1662.705	1663.087	995.0866	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1663.015	1663.385	995.3847	84.27	24.22	84.47	84.76	55.06036	2.504773	42.43487	14.96327	27.4716	34.50603	1
1663.02	1663.39	995.3895	81.42	20.41	81.8	80.51	57.20938	1.560919	41.2297	14.16474	27.06496	35.11657	1
1663.025	1663.394	995.3943	81.01	24.87	81.06	80.59	59.06476	0.816675	40.11857	29.04807	11.07049	35.20683	1
1663.03	1663.399	995.3991	81.79	19.67	81.89	81.55	59.21806	0.887104	39.89484	16.04215	23.85268	35.33768	1
1663.035	1663.404	995.4039	82.65	23.99	83.39	82.76	52.42142	3.380898	44.19768	31.88214	12.31555	34.20299	1
1663.04	1663.409	995.4087	83.81	41.42	84.45	85.47	47.91116	4.826496	47.26234	30.77391	16.48844	33.05881	1
1663.045	1663.414	995.4136	82.21	44.16	82.52	87.13	51.27758	3.294422	45.428	27.62843	17.79957	32.73151	1
1663.05	1663.418	995.4184	81.05	37.87	80.92	80.27	57.27696	1.234008	41.48903	23.43055	18.05848	34.69127	1
1663.055	1663.423	995.4232	78.92	26.18	78.49	77.43	64.39054	0	35.60946	20.62405	14.98541	34.95885	1
1663.06	1663.428	995.428	81.21	49.7	80.98	81.59	55.0419	1.82232	43.13578	12.37192	30.76386	33.88694	1
1663.065	1663.433	995.4328	81.7	41.33	81.25	80.47	58.32164	0.827628	40.85073	23.94588	16.90485	34.87607	1
1663.07	1663.438	995.4376	81.86	36.96	82.63	83.55	49.77698	3.96399	46.25903	32.71898	13.54005	33.31874	1
1663.075	1663.442	995.4424	79.97	26.27	80.7	83.1	54.41276	2.28464	43.3026	13.94052	29.36208	33.81578	1
1663.08	1663.447	995.4472	80	20.37	80.61	82.16	56.74296	1.588194	41.66885	26.4311	15.23774	34.45541	1
1663.085	1663.452	995.452	82.63	34.28	83.61	85.06	48.08964	4.781841	47.12852	30.22935	16.89917	33.07696	1
1663.09	1663.457	995.4568	81.61	30.47	81.83	84.11	55.84006	1.876929	42.28301	14.32271	27.96031	34.0594	1
1663.095	1663.462	995.4616	82.28	29.01	82.41	84	56.27448	1.789792	41.93573	29.32124	12.61448	34.31418	1
1663.1	1663.466	995.4664	82.79	38	83.02	82.53	52.8547	2.889617	44.25568	17.9332	26.32248	34.02346	1
1663.105	1663.471	995.4713	80.94	24.65	81.5	82.56	55.2299	2.1371	42.633	23.43372	19.19928	34.25625	1
1663.11	1663.476	995.4761	81.58	24.73	81.06	79.53	62.99174	0	37.00826	24.75261	12.25565	35.50754	1
1663.115	1663.481	995.4809	80.55	13.82	80.49	81.24	63.01456	0	36.98544	11.74977	25.23567	35.42164	1
1663.12	1663.486	995.4857	81	17.8	81.04	81.85	60.8624	0.309477	38.82812	27.42311	11.40501	35.43971	1
1663.125	1663.49	995.4905	79.72	13.17	79.65	79.66	64.01296	0	35.98704	13.65346	22.33358	35.26903	1
1663.13	1663.495	995.4953	80	17.38	80.21	78.74	60.56654	0.363168	39.07029	23.27354	15.79675	35.76251	1

1663.135	1663.5	995.5001	80.77	31.63	81.04	77.78	55.94464	1.765409	42.28995	29.83746	12.45249	35.04246	1
1663.14	1663.505	995.5049	83.02	30.44	82.96	81.47	56.72012	1.626781	41.6531	31.19286	10.46024	34.97059	1
1663.145	1663.51	995.5097	82.27	23.63	82.29	83.69	58.43814	1.112768	40.44909	22.47189	17.97721	34.82455	1
1663.15	1663.515	995.5145	87.23	59.95	87.47	83.19	43.3805	6.476903	50.1426	25.05247	25.09013	33.38782	1
1663.155	1663.519	995.5193	81.41	32.59	81.16	77.92	59.15352	0.679254	40.16723	24.95752	15.20971	35.61932	1
1663.16	1663.524	995.5241	77.85	13.14	77.74	76.86	66.05062	0	33.94938	13.26811	20.68127	34.86522	1
1663.165	1663.529	995.529	76.4	11.53	76.55	76.94	65.75924	0	34.24076	17.97466	16.2661	34.56839	1
1663.17	1663.534	995.5338	75.95	13.21	76.31	76.92	64.13918	0	35.86082	9.678527	26.18229	34.70158	1
1663.175	1663.539	995.5386	77.21	15.89	77.17	77.39	65.43142	0	34.56858	9.725708	24.84287	34.65218	1
1663.18	1663.543	995.5434	79.23	13.86	78.98	78.55	65.69178	0	34.30822	18.87703	15.43119	34.93512	1
1663.185	1663.548	995.5482	81.32	10.59	80.84	79.98	66.34282	0	33.65718	18.72192	14.93526	35.08669	1
1663.19	1663.553	995.553	86.27	17.89	85.47	85.43	62.50222	0	37.49778	23.60423	13.89355	35.71442	1
1663.195	1663.558	995.5578	89.29	16.73	88.81	88.56	57.52454	1.837039	40.63842	13.41089	27.22754	35.37801	1
1663.2	1663.563	995.5626	91.59	25.45	91.46	91.75	50.5858	5.028993	44.38521	33.03637	11.34884	34.00202	1
1663.205	1663.567	995.5674	87.09	40.15	88.06	88.2	42.6434	7.755665	49.60093	20.45068	29.15025	32.73064	1
1663.21	1663.572	995.5722	87.78	36.09	88.13	87.95	47.79612	5.569957	46.63392	22.12881	24.50511	33.44899	1
1663.215	1663.577	995.577	88.6	13.1	88.79	89.02	53.8453	3.859337	42.29536	17.91414	24.38122	34.59925	1
1663.22	1663.582	995.5818	93.39	26.31	93.59	93.67	46.16418	7.77045	46.06537	15.40581	30.65956	33.38076	1
1663.225	1663.587	995.5866	91.68	24.55	91.35	91	52.2708	4.13076	43.59844	28.74568	14.85276	34.42291	1
1663.23	1663.591	995.5915	85.7	18	85.77	86.14	56.2575	2.306191	41.43631	16.14291	25.2934	34.8462	1
1663.235	1663.596	995.5963	85.54	26.05	85.59	86.02	54.6116	2.71081	42.67759	19.96325	22.71434	34.42602	1
1663.24	1663.601	995.6011	84.71	28.74	84.52	85.52	56.58422	1.769954	41.64583	30.1267	11.51913	34.59219	1
1663.245	1663.606	995.6059	85.03	37.89	85.92	86.61	45.70552	6.056224	48.23826	27.71565	20.52261	32.94365	1
1663.25	1663.611	995.6107	83.25	37.91	84.24	85.43	46.56328	5.387425	48.04929	17.23331	30.81599	32.90716	1
1663.255	1663.615	995.6155	82.6	25.72	82.65	83.06	57.39626	1.464683	41.13906	17.5874	23.55166	34.79643	1
1663.26	1663.62	995.6203	83.68	21.37	83.67	83.14	57.92036	1.418956	40.66068	25.95833	14.70235	35.18439	1
1663.265	1663.625	995.6251	83.75	28.73	83.61	82.85	57.08234	1.552218	41.36544	14.76822	26.59722	34.96133	1
1663.27	1663.63	995.6299	84.17	29.83	84.45	84.17	53.17474	3.089153	43.73611	32.41441	11.3217	34.21337	1
1663.275	1663.635	995.6347	83.43	40.31	83.3	83.43	54.49688	2.242579	43.26054	13.44724	29.8133	34.15583	1
1663.28	1663.64	995.6395	84	23.55	83.98	84.79	57.1759	1.66417	41.15993	25.60146	15.55847	34.77992	1
1663.285	1663.644	995.6443	82.31	24.43	82.69	84.11	55.41774	2.204647	42.37761	26.64737	15.73024	34.27546	1
1663.29	1663.649	995.6492	82.5	18.85	82.9	84.32	56.4383	1.967576	41.59412	25.76991	15.82422	34.54726	1
1663.295	1663.654	995.654	82.01	19.78	82.45	83.61	56.35404	1.933099	41.71286	29.08936	12.6235	34.54671	1
1663.3	1663.659	995.6588	82.52	35.37	82.61	81.8	54.82456	2.199307	42.97613	14.66041	28.31572	34.41962	1
1663.305	1663.664	995.6636	80.53	27.97	80.39	81.12	60.22866	0.368813	39.40253	21.66716	17.73537	35.12483	1
1663.31	1663.668	995.6684	76.25	15.8	76.09	75.45	67.2664	0	32.7336	8.72633	24.00727	34.44759	1
1663.315	1663.673	995.6732	75.64	15.29	75.33	74.73	69.11352	0	30.88648	22.01839	8.868091	34.17182	1
1663.32	1663.678	995.678	76.31	20.88	76.06	76.71	66.67934	0	33.32066	18.78657	14.53409	34.21409	1
1663.325	1663.683	995.6828	76.87	17.34	77.06	78.1	63.61082	0	36.38918	8.636642	27.75254	34.75187	1
1663.33	1663.688	995.6876	80.35	21.49	80.76	81.72	57.69992	1.285555	41.01452	20.04489	20.96963	34.72213	1
1663.335	1663.692	995.6924	81.47	17.46	81.3	81.29	62.13978	0	37.86022	7.96576	29.89446	35.7278	1
1663.34	1663.697	995.6972	81.92	17.21	81.74	81.35	61.86378	0	38.13622	25.51671	12.61951	35.91846	1
1663.345	1663.702	995.702	81.45	11.76	81.31	80.93	63.30508	0	36.69492	15.35888	21.33604	35.70966	1
1663.35	1663.707	995.7069	83.53	28.04	83.28	83.47	58.30422	1.096671	40.59911	22.83119	17.76792	35.01089	1
1663.355	1663.712	995.7117	82.03	41.71	81.47	81.04	58.77858	0.656221	40.5652	10.52287	30.04233	34.90573	1
1663.36	1663.716	995.7165	81	54.52	79.79	76.89	61.66366	0	38.33634	23.91805	14.41829	35.0548	1
1663.365	1663.721	995.7213	83.19	33.57	82.53	84.26	60.45626	0.170442	39.3733	25.90201	13.47129	35.03701	1
1663.37	1663.726	995.7261	80.71	32.89	80.07	80.98	62.74742	0	37.25258	10.90819	26.34439	34.80614	1
1663.375	1663.731	995.7309	79.41	31.13	78.83	77.74	63.90434	0	36.09566	9.361385	26.73427	34.94458	1
1663.38	1663.736	995.7357	79.21	78.98	77.13	78.28	64.13364	0	35.86636	12.43918	23.42718	33.35168	1
1663.385	1663.741	995.7405	77.34	67.12	76.85	78.27	56.40166	1.300071	42.29827	19.3687	22.92957	33.39717	1
1663.39	1663.745	995.7453	74.06	59.2	73.29	70.11	63.5059	0	36.4941	8.364362	28.12974	34.82482	1
1663.395	1663.75	995.7501	72.33	52.84	71.23	65.59	69.19412	0	30.80588	7.451018	23.35486	34.78077	1
1663.4	1663.755	995.7549	76.67	85.93	75.76	71.59	55.72104	1.552141	42.72682	18.1187	24.60812	33.89596	1
1663.405	1663.76	995.7597	75.86	50.05	75.56	74.11	60.4217	0.187198	39.3911	20.62839	18.76271	34.86953	1
1663.41	1663.765	995.7646	76.75	38.15	76.35	75.47	63.2577	0	36.7423	14.7697	21.9726	34.76897	1
1663.415	1663.769	995.7694	76.93	63.68	75.21	72.47	67.14384	0	32.85616	12.87376	19.9824	34.15056	1
1663.42	1663.774	995.7742	73.9	42.67	73	72.78	68.66086	0	31.33914	8.26039	23.07875	33.83882	1
1663.425	1663.779	995.779	75.38	42.34	74.49	73.27	67.30162	0	32.69838	20.44277	12.25561	34.16576	1
1663.43	1663.784	995.7838	75.58	35.72	74.57	72.02	69.64966	0	30.35034	13.83997	16.51037	34.22989	1
1663.435	1663.789	995.7886	75.27	26.07	74.6	73.32	69.63516	0	30.36484	10.59126	19.77358	34.09616	1
1663.44	1663.793	995.7934	74.07	20.03	73.93	74.22	68.09334	0	31.90666	17.13951	14.76715	33.95248	1
1663.445	1663.798	995.7982	75.26	23.08	75	75.47	67.19044	0	32.80956	17.13902	15.67054	34.07654	1
1663.45	1663.803	995.803	75.91	25.51	75.51	74.17	67.08938	0	32.91062	22.0043	10.90632	34.43087	1
1663.455	1663.808	995.8078	76.44	27.35	76.03	76.08	66.234	0	33.766	7.298485	26.46751	34.2916	1
1663.46	1663.813	995.8126	77.68	28.14	76.83	75.4	68.31202	0	31.68798	16.36346	15.32452	34.28183	1
1663.465	1663.817	995.8174	77.09	38.65	76.07	75.39	67.6289	0	32.3711	21.89503	10.47607	34.05966	1
1663.47	1663.822	995.8223	77.56	59.13	76.6	76	61.77534	0	38.22466	21.89832	16.32634	34.62298	1
1663.475	1663.827	995.8271	79.73	25.59	79.58	80.31	61.61812	0	38.38188	16.48408	21.8978	35.29966	1
1663.48	1663.832	995.8319	80.64	29.84	81.26	80.24	53.78492	2.521176	43.6939	14.4028	29.29111	34.31023	1
1663.485	1663.837	995.8367	82.39	35.84	82.98	83.25	50.95542	3.616747	45.42783	21.39045	24.03739	33.62691	1
1663.49	1663.841	995.8415	81.54	28.69	80.87	82.45	63.23272	0	36.76728	12.49778	24.2695	34.71788	1
1663.495	1663.846	995.8463	81.14	22.47	80.52	79.81	64.71846	0	35.28154	9.216124	26.06542	34.99963	1

1663.5	1663.851	995.8511	80.37	25.58	79.51	79.35	66.53424	0	33.46576	12.77674	20.68902	34.39566	1
1663.505	1663.856	995.8559	80.21	15.25	79.97	81.05	64.3763	0	35.6237	12.12071	23.50299	34.95788	1
1663.51	1663.861	995.8607	81.56	16.79	81.29	80.62	62.99412	0	37.00588	7.952312	29.05357	35.65275	1
1663.515	1663.866	995.8655	83.64	17.85	83.33	82.27	61.134	0.270707	38.59529	17.60901	20.98628	35.96788	1
1663.52	1663.87	995.8703	82.42	13.4	82.24	81.51	62.3258	0	37.6742	9.006785	28.66741	36.04988	1
1663.525	1663.875	995.8751	82.03	15.44	81.67	81.5	63.58592	0	36.41408	9.774655	26.63943	35.48369	1
1663.53	1663.88	995.8799	81.92	12.87	81.57	81.51	64.23156	0	35.76844	16.79765	18.97079	35.39272	1
1663.535	1663.885	995.8848	82.54	11.38	82.43	81.57	62.16174	0.018997	37.81926	8.648838	29.17043	36.1957	1
1663.54	1663.89	995.8896	85.1	20.61	84.62	84.22	60.44038	0.453082	39.10654	23.63423	15.47231	35.73672	1
1663.545	1663.894	995.8944	84.51	19.46	84.16	82.57	60.25398	0.569986	39.17603	9.785664	29.39037	35.90406	1
1663.55	1663.899	995.8992	84.49	25.48	84.04	83.5	59.59054	0.661612	39.74785	28.50183	11.24602	35.48353	1
1663.555	1663.904	995.904	84.16	29.85	83.7	83.74	58.9141	0.812828	40.27307	10.40336	29.86971	35.15819	1
1663.56	1663.909	995.9088	86.48	39.5	85.59	84.86	57.7769	0.859796	41.3633	16.57209	24.79121	35.07376	1
1663.565	1663.914	995.9136	85.63	33.38	84.81	83	59.49744	0.411714	40.09085	26.16282	13.92803	35.64699	1
1663.57	1663.918	995.9184	84.99	41.49	83.83	82.21	60.75862	0	39.24138	9.675184	29.5662	35.32357	1
1663.575	1663.923	995.9232	83.98	37.83	83.09	81.57	60.48104	0.01931	39.49965	8.486758	31.01289	35.6203	1
1663.58	1663.928	995.928	85.5	37.28	84.69	84	58.59574	0.666739	40.73752	18.14752	22.59001	35.19609	1
1663.585	1663.933	995.9328	86.59	23.78	86.22	84.62	57.44994	1.588456	40.9616	29.35736	11.60425	35.39195	1
1663.59	1663.938	995.9376	85.34	19.06	85.31	84.98	57.10718	1.887935	41.00488	20.89502	20.10987	35.09996	1
1663.595	1663.942	995.9425	85.26	18.63	85.02	84.55	58.91234	1.144588	39.94307	18.76222	21.18085	35.47615	1
1663.6	1663.947	995.9473	85.42	25.77	84.94	85.04	58.89726	0.915281	40.18746	28.05849	12.12897	35.27276	1
1663.605	1663.952	995.9521	84.74	25.48	84.37	83.39	58.74054	0.997874	40.26159	22.61467	17.64692	35.40981	1
1663.61	1663.957	995.9569	84.07	42.51	83.67	85	55.46818	1.817234	42.71459	12.77215	29.94244	34.09089	1
1663.615	1663.962	995.9617	82.25	40.99	81.6	80.84	59.44792	0.427343	40.12474	23.71082	16.41392	35.11616	1
1663.62	1663.966	995.9665	83.84	40.56	83.25	83.1	57.62418	1.043331	41.33249	27.83058	13.50191	34.76323	1
1663.625	1663.971	995.9713	83.12	20.39	83.2	83.28	57.97522	1.396647	40.62813	17.88889	22.73925	35.06943	1
1663.63	1663.976	995.9761	82.27	22.1	82.39	82.49	58.0334	1.291204	40.6754	20.23964	20.43576	35.01105	1
1663.635	1663.981	995.9809	83.07	27.47	82.82	82.91	58.86536	0.894396	40.24024	15.12808	25.11216	35.11903	1
1663.64	1663.986	995.9857	83.4	15.3	83	82.67	62.6694	0	37.3306	12.64803	24.68257	35.84199	1
1663.645	1663.991	995.9905	83.28	14.87	82.66	82.61	64.58886	0	35.41114	16.48604	18.9251	35.24484	1
1663.65	1663.995	995.9953	82.34	16.87	81.8	81.96	64.34966	0	35.65034	7.34882	28.30152	35.16921	1
1663.655	1664	996.0002	79.16	17.96	79	78.84	64.06648	0	35.93352	11.72212	24.2114	35.09368	1
1663.66	1664.005	996.005	78.77	23.53	78.11	79.67	66.95234	0	33.04766	11.59333	21.45433	34.05272	1
1663.665	1664.01	996.0098	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1664.01	1664.342	996.3415	103.25	20.58	103.18	101.97	40.57214	14.13039	45.29747	33.1534	12.14407	32.76471	-9999
1664.015	1664.346	996.3463	103.72	18.62	103.61	103.24	40.92406	14.16457	44.91137	16.79567	28.1157	32.64826	-9999
1664.02	1664.351	996.3512	102.86	17.55	102.78	102.59	41.7417	13.44703	44.81127	32.58682	12.22445	32.75608	-9999
1664.025	1664.356	996.356	101.93	16.57	101.88	101.47	42.60196	12.68459	44.71345	23.26246	21.45099	32.94539	-9999
1664.03	1664.361	996.3608	101.49	16.25	101.34	100.61	43.8592	11.50699	44.63381	21.70431	22.9295	33.22972	-9999
1664.035	1664.366	996.3656	102.23	15.24	102.29	102.24	41.79532	13.72845	44.47623	26.86011	17.61612	32.72176	-9999
1664.04	1664.37	996.3704	103.56	12.25	103.65	104.35	41.0628	15.19506	43.74214	22.71592	21.02622	32.40273	-9999
1664.045	1664.375	996.3752	103.22	11.47	103.28	103.39	41.79686	14.5244	43.67874	31.35324	12.3255	32.64379	-9999
1664.05	1664.38	996.38	107.41	40.91	106.39	104.71	39.18758	11.17566	49.63676	28.81078	20.82598	32.9563	-9999
1664.055	1664.385	996.3848	109.61	39.16	108.7	107.02	36.73458	14.12067	49.14475	23.12452	26.02023	32.50613	-9999
1664.06	1664.39	996.3896	110.76	33.97	110.26	108.83	33.75506	19.54074	46.7042	27.68694	19.01726	31.72561	-9999
1664.065	1664.394	996.3944	112.46	52.98	112.43	111.94	23.94814	28.95503	47.09683	34.93445	12.16238	30.29835	-9999
1664.07	1664.399	996.3992	107.49	49.82	107.12	106.67	31.92026	18.06257	50.01717	34.81128	15.20589	31.61705	4
1664.075	1664.404	996.404	103.98	42.4	103.15	101.83	40.5101	10.19728	49.29262	32.4979	16.79472	33.02028	4
1664.08	1664.409	996.4089	102.17	35.99	101.51	100.59	42.40902	9.681302	47.90968	30.30755	17.60213	33.15967	4
1664.085	1664.414	996.4137	99.88	27.69	99.65	99.06	43.19192	10.31866	46.48942	15.86182	30.6276	33.13243	4
1664.09	1664.418	996.4185	99.32	34.57	98.98	98.76	42.89466	9.614821	47.49052	17.16549	30.32503	33.02828	4
1664.095	1664.423	996.4233	98.93	49.83	97.33	95.33	49.32554	2.597492	48.07697	16.19675	31.88022	34.49034	4
1664.1	1664.428	996.4281	97.56	33.09	97.02	96.61	46.42202	7.047915	46.53006	14.55069	31.97937	33.59216	4
1664.105	1664.433	996.4329	99.52	57.7	98.17	96	44.9407	4.889754	50.16955	26.31434	23.8552	33.78166	4
1664.11	1664.438	996.4377	100.58	52.31	99.67	95.16	41.85988	7.931631	50.20849	24.85458	25.35391	33.76028	4
1664.115	1664.443	996.4425	99.96	49.75	99.18	97.02	42.0423	8.227557	49.73014	27.43127	22.29887	33.31783	4
1664.12	1664.447	996.4473	97.8	56.97	96.41	93.28	47.00976	3.871298	49.11894	19.37479	29.74415	34.18678	4
1664.125	1664.452	996.4521	98.56	85.63	96.26	92.43	46.42734	0.856148	52.71651	25.935	26.78151	34.24622	4
1664.13	1664.457	996.4569	101.29	64.2	101.75	98.14	27.7118	19.02736	53.26084	34.30587	18.95497	32.01814	4
1664.135	1664.462	996.4617	104.51	61.79	104.74	105.66	27.11512	20.83168	52.0532	34.70598	17.34723	31.01063	4
1664.14	1664.467	996.4665	101.8	70.22	100.77	96.88	37.33326	9.068448	53.59829	26.34494	27.25335	33.13453	4
1664.145	1664.471	996.4714	99.67	39.97	98.96	95.75	44.13336	7.834044	48.0326	33.44942	14.58317	33.80868	4
1664.15	1664.476	996.4762	99.63	69.4	98.26	95.28	42.1631	5.60416	52.23274	31.28469	20.94805	33.51502	4
1664.155	1664.481	996.481	96.34	42.66	96	94.49	43.67848	8.045486	48.27603	18.64275	29.63328	33.30984	4
1664.16	1664.486	996.4858	97.13	41.85	97.22	98.32	39.8152	11.04316	49.14164	26.29939	22.84225	32.31905	4
1664.165	1664.491	996.4906	98.41	58.94	99.93	101.23	23.41932	22.63709	53.94359	32.86811	21.07548	30.97965	4
1664.17	1664.495	996.4954	94.44	47.32	94.22	93.55	43.36876	7.7773	48.85394	19.44451	29.40943	33.03971	4
1664.175	1664.5	996.5002	88.23	26.71	88.06	88.24	53.68208	3.214679	43.10324	13.41576	29.68748	34.40532	4
1664.18	1664.505	996.505	87.69	10.78	87.58	87.08	57.56894	2.108011	40.32305	27.34827	12.97477	35.42232	2
1664.185	1664.51	996.5098	87.91	12.24	87.53	87.2	59.10572	1.317654	39.57663	14.1703	25.40633	35.69635	2
1664.19	1664.515	996.5146	93.85	31.19	93.02	91.67	52.54252	3.346379	44.1111	26.89543	17.21567	34.70315	2
1664.195	1664.519	996.5194	101.17	55.94	101.63	102.95	29.82112	18.33406	51.84482	31.08608	20.75875	31.22206	2
1664.2	1664.524	996.5242	93.86	26.03	93.92	94	46.88454	7.378147	45.73731	17.08145	28.65587	33.4924	2

1664.205	1664.529	996.5291	90.94	16.6	90.53	90.12	55.4955	2.873593	41.63091	30.09457	11.53634	35.06979	2
1664.21	1664.534	996.5339	93.69	39.2	93.17	92.72	48.3488	5.302692	46.34851	18.86865	27.47986	33.74612	2
1664.215	1664.539	996.5387	95.48	79.96	94.21	92.82	42.65058	5.154245	52.19517	21.94403	30.25115	32.98366	2
1664.22	1664.543	996.5435	92.49	80.02	90.79	88.51	48.71936	2.212891	49.06775	14.77946	34.28829	33.76713	2
1664.225	1664.548	996.5483	97.94	58.57	98.4	100.02	32.15626	15.14741	52.69633	38.28885	14.40747	31.43795	2
1664.23	1664.553	996.5531	96.94	61	97.18	98.71	34.1932	13.06657	52.74023	28.74918	23.99106	31.63293	2
1664.235	1664.558	996.5579	90.5	37.43	89.73	88.57	53.64944	2.586609	43.76395	17.11508	26.64887	34.64005	2
1664.24	1664.563	996.5627	85.9	10.25	85.67	85.23	60.274	0.868671	38.85733	25.38591	13.47142	35.89218	2
1664.245	1664.568	996.5675	86.76	24.96	86.28	85.08	57.86048	1.357857	40.78166	20.85605	19.92561	35.38521	2
1664.25	1664.572	996.5723	92.08	56.81	92.76	92.71	36.26838	11.19156	52.54006	19.33256	33.2075	32.09169	2
1664.255	1664.577	996.5771	91.33	60.24	91.97	93.23	36.43832	10.6753	52.88638	36.31679	16.56958	31.83448	2
1664.26	1664.582	996.5819	90.23	50.26	91.26	93.85	36.84298	10.91941	52.23761	28.02034	24.21727	31.69209	2
1664.265	1664.587	996.5868	95.19	60.35	94.2	92.77	45.493	5.136204	49.3708	32.63015	16.74065	33.45149	2
1664.27	1664.592	996.5916	93.41	68.16	92.45	91.28	45.00808	5.031662	49.96026	25.4653	24.49496	33.18744	2
1664.275	1664.596	996.5964	98.76	60.46	99.38	101.55	29.70448	17.13076	53.16476	28.69345	24.47131	31.13876	2
1664.28	1664.601	996.6012	97.06	27.84	97.63	97.96	39.55002	12.91069	47.53929	34.20958	13.32971	32.42331	2
1664.285	1664.606	996.606	94.44	23.43	94.74	95.39	45.12014	8.852763	46.0271	29.21523	16.81187	33.13903	2
1664.29	1664.611	996.6108	88.86	31.56	88.08	87.38	56.65628	1.518284	41.82544	28.41972	13.40571	35.08977	2
1664.295	1664.616	996.6156	86.56	19.52	86.55	86.55	55.71846	2.529511	41.75203	18.40066	23.35137	34.82116	2
1664.3	1664.62	996.6204	87.15	25.88	86.78	86.06	56.42654	1.956897	41.61656	17.88048	23.73608	35.02865	2
1664.305	1664.625	996.6252	91.94	40.54	91.67	90.67	47.69702	5.616224	46.68676	31.43845	15.2483	33.66705	2
1664.31	1664.63	996.63	96.6	62.42	96.92	95.32	33.54236	13.34298	53.11466	18.79842	34.31625	32.15377	2
1664.315	1664.635	996.6348	101.89	36.71	101.87	100.06	37.53238	14.22917	48.23845	28.77266	19.46579	32.54249	2
1664.32	1664.64	996.6396	96.96	41.36	96.9	96.38	41.25268	9.994422	48.7529	18.7706	29.9823	32.80241	2
1664.325	1664.644	996.6445	95.75	42.1	95.63	96.49	42.6518	8.822884	48.52532	33.92503	14.60029	32.71206	2
1664.33	1664.649	996.6493	93.8	37.94	94.43	94.8	39.64002	11.03885	49.32113	16.98043	32.3407	32.42746	2
1664.335	1664.654	996.6541	94.84	31.34	95.12	95.67	42.99292	9.588389	47.41869	24.26082	23.15787	32.83192	2
1664.34	1664.659	996.6589	97.3	20.99	97.53	97.79	43.62192	10.61352	45.76456	15.66562	30.09894	33.00591	2
1664.345	1664.664	996.6637	95.37	47.5	95.91	96.84	36.5796	12.52895	50.89145	36.84299	14.04845	31.97759	2
1664.35	1664.668	996.6685	89.17	81.04	88.8	87.04	41.21942	6.552728	52.22785	22.08037	30.14749	32.53553	2
1664.355	1664.673	996.6733	90.1	64.29	90	91.98	42.32482	6.9625	50.71268	26.6795	24.03318	32.16263	2
1664.36	1664.678	996.6781	93.73	55.72	94.43	96.28	34.85916	12.54173	52.59911	22.10185	30.49726	31.63944	2
1664.365	1664.683	996.6829	95.22	45.27	96.55	97.61	31.13476	16.68965	52.17559	25.13432	27.04127	31.52719	2
1664.37	1664.688	996.6877	99.01	54.68	99.99	100.04	28.08324	19.4346	52.48216	22.02148	30.46068	31.38668	2
1664.375	1664.693	996.6925	100.02	42.33	99.93	99.2	38.43524	12.36947	49.19529	19.90147	29.29382	32.49977	2
1664.38	1664.697	996.6973	99.34	29.01	99.75	99.82	38.40928	14.20703	47.38369	17.09823	30.28546	32.29353	2
1664.385	1664.702	996.7022	98.55	34	98.55	97.94	41.106	11.13515	47.75885	32.85839	14.90046	32.81267	2
1664.39	1664.707	996.707	96.96	35.4	97.19	97.28	40.4475	11.29632	48.25618	16.57584	31.68034	32.5846	2
1664.395	1664.712	996.7118	97.93	37.11	98.22	98.06	38.67628	12.6253	48.69842	35.16861	13.52982	32.40553	2
1664.4	1664.717	996.7166	97.72	70.48	98.75	99.67	25.05894	19.33755	55.60351	26.63954	28.96397	31.17867	2
1664.405	1664.721	996.7214	90.45	34.39	89.06	87.43	59.23612	0	40.76388	12.83692	27.92696	35.69536	2
1664.41	1664.726	996.7262	89.21	16.98	88.83	88.32	56.76264	2.207881	41.02948	26.96701	14.06247	35.25632	2
1664.415	1664.731	996.731	91.44	33.91	91.18	91.43	49.68398	4.943894	45.37213	32.72075	12.65137	33.77726	2
1664.42	1664.736	996.7358	95.92	57.99	95.78	98.24	38.80502	9.904424	51.29056	20.14315	31.14741	31.90718	5
1664.425	1664.741	996.7406	96.63	72.01	96.17	95.53	37.23898	9.541886	53.21913	20.3088	32.91033	32.30525	5
1664.43	1664.745	996.7454	94.16	36.81	93.96	93.51	46.01478	6.993617	46.9916	14.64822	32.34338	33.41113	5
1664.435	1664.75	996.7502	95.22	26.3	95.24	95.39	45.878	8.139837	45.98216	21.44312	24.53905	33.34639	5
1664.44	1664.755	996.755	95.76	36.32	96.01	95.68	41.17386	10.48539	48.34075	28.09263	20.24813	32.7483	5
1664.445	1664.76	996.7598	94.54	49.59	95.17	96.33	36.13992	12.44632	51.41376	28.54067	22.87309	31.89113	5
1664.45	1664.765	996.7647	92.71	36.29	92.41	91.32	48.24962	5.616456	46.13392	22.28122	23.85271	33.8262	5
1664.455	1664.769	996.7695	92.08	32.09	90.86	88.22	56.97562	0.925734	42.09865	18.2772	23.82144	35.70695	5
1664.46	1664.774	996.7743	92.59	33.82	91.43	91.14	55.62276	1.482979	42.89426	16.90939	25.98487	35.01457	5
1664.465	1664.779	996.7791	93.04	103.41	89.84	88.95	54.17798	0	45.82202	27.66024	18.16178	30.86035	5
1664.47	1664.784	996.7839	90.84	83.15	89.27	87.43	48.4724	2.559348	48.96825	33.58518	15.38308	33.48307	5
1664.475	1664.789	996.7887	90.44	37.01	90.04	89.02	50.93878	4.051854	45.00937	13.90594	31.10343	34.14601	5
1664.48	1664.794	996.7935	91.74	47.12	91.06	89.55	49.46616	4.147446	46.38639	22.82242	23.56398	33.97008	5
1664.485	1664.798	996.7983	90.92	56.19	90.59	89.88	45.31312	5.875929	48.81095	33.56983	15.24112	33.11169	5
1664.49	1664.803	996.8031	90.45	61.63	89.2	85.41	51.55904	2.271441	46.16952	28.78175	17.38777	34.51314	5
1664.495	1664.808	996.8079	88.23	31.96	86.96	86.42	60.93658	0	39.06342	18.35078	20.71264	35.28259	5
1664.5	1664.813	996.8127	91.36	38.21	90.47	86.74	53.59948	2.484272	43.91625	30.31052	13.60573	35.14467	5
1664.505	1664.818	996.8175	89.63	22.69	88.7	88.24	59.25692	0.626595	40.11649	20.62121	19.49528	35.72196	5
1664.51	1664.822	996.8224	90.33	15.8	89.83	89.06	56.9478	2.15707	40.89513	27.18738	13.70775	35.40494	5
1664.515	1664.827	996.8272	93.34	18.61	92.53	91.3	55.90108	2.358293	41.74063	22.19615	19.54448	35.40122	5
1664.52	1664.832	996.832	93.33	33.2	92.11	91.32	55.557	1.436619	43.00638	19.98408	23.0223	35.1471	5
1664.525	1664.837	996.8368	90.23	44.41	88.63	86.45	58.64118	0	41.35882	18.76555	22.59327	35.26749	5
1664.53	1664.842	996.8416	92.11	74.29	89.28	86.57	59.21312	0	40.78688	17.0903	23.69658	31.77696	5
1664.535	1664.846	996.8464	94.36	108.99	91.16	88.59	51.61322	0	48.38678	17.49424	30.89254	31.2218	5
1664.54	1664.851	996.8512	93.68	99.58	92.37	89.28	39.86854	5.624714	54.50675	29.56454	24.94221	32.7428	5
1664.545	1664.856	996.856	94.79	118.24	93	85.87	38.05162	4.946126	57.00225	39.74699	17.25526	33.28425	6
1664.55	1664.861	996.8608	98.26	167.06	94.15	87.93	41.02478	0	58.97522	23.78169	35.19353	29.01321	6
1664.555	1664.866	996.8656	99.67	137.54	97.98	96.76	28.11642	8.235142	63.64844	35.09116	28.55728	31.87054	6
1664.56	1664.87	996.8704	101.54	148.77	101.9	102.65	7.79086	24.27031	67.93883	56.29408	11.64475	-9999	6
1664.565	1664.875	996.8752	100.1	123.8	97.63	96.87	37.0909	2.645803	60.2633	33.05655	27.20675	32.54539	6

1664.57	1664.88	996.8801	100.64	102.53	99.9	98.76	28.33394	12.50615	59.15991	28.98227	30.17764	31.83336	6
1664.575	1664.885	996.8849	99.7	111.54	98.43	97.06	31.12582	9.108097	59.76608	37.10146	22.66462	32.05167	6
1664.58	1664.89	996.8897	102.52	114.48	103.46	107.56	10.69244	27.70187	61.60569	41.10352	20.50218	30.58933	6
1664.585	1664.894	996.8945	105.07	77.8	107.04	109.88	9.2405	38.75438	52.00512	37.72489	14.28023	30.00319	6
1664.59	1664.899	996.8993	105.54	43.96	106.29	106.53	26.45238	25.72041	47.82721	32.51291	15.3143	30.72495	6
1664.595	1664.904	996.9041	104.05	35.86	104.65	106.06	30.94588	21.67168	47.38244	21.53848	25.84396	30.99529	6
1664.6	1664.909	996.9089	100.61	44.99	100.74	102.61	35.54372	14.61997	49.83631	17.78948	32.04683	31.65903	6
1664.605	1664.914	996.9137	96.82	81.46	96.08	96.47	36.94728	8.721869	54.33085	19.7424	34.58845	32.0751	6
1664.61	1664.919	996.9185	96	64.39	94.7	93.07	46.17262	4.150688	49.67669	16.93995	32.73674	33.62296	6
1664.615	1664.923	996.9233	91.57	52.97	89.92	89.08	55.72436	0.376206	43.89943	15.68992	28.20951	34.89013	6
1664.62	1664.928	996.9281	90.04	54.76	88.2	85.85	58.17128	0	41.82872	7.467154	34.36157	34.71081	6
1664.625	1664.933	996.9329	90.25	52.78	89.02	86.78	53.72974	1.691901	44.57836	20.32534	24.25302	34.67734	6
1664.63	1664.938	996.9378	88.86	62.18	86.77	84.49	59.39874	0	40.60126	24.47308	16.12818	33.92672	6
1664.635	1664.943	996.9426	86.27	48.05	85.32	85.02	56.366	1.17575	42.45825	19.27917	23.17908	34.58776	6
1664.64	1664.947	996.9474	84.78	39.16	84.06	83.28	58.10568	0.851853	41.04247	25.46188	15.58058	35.03794	6
1664.645	1664.952	996.9522	87.54	45.3	86.28	84.2	58.2656	0.307305	41.4271	23.73206	17.69503	35.40133	6
1664.65	1664.957	996.957	87.17	41.33	86.12	84.55	57.93924	0.654034	41.40673	17.15454	24.25219	35.27057	6
1664.655	1664.962	996.9618	88.63	66.29	88.52	84.5	43.27072	6.306338	50.42294	29.19327	21.22967	33.29137	6
1664.66	1664.967	996.9666	84.24	33.3	84.02	83.94	56.1456	1.803906	42.05049	28.39005	13.66044	34.61026	6
1664.665	1664.971	996.9714	86.16	27.75	85.73	86.02	57.3498	1.486073	41.16413	29.64503	11.5191	34.93928	6
1664.67	1664.976	996.9762	88.82	40.42	89	89.41	47.10896	5.785516	47.10552	17.96542	29.1401	33.21802	6
1664.675	1664.981	996.981	84.3	44.67	83.96	79.04	54.26886	2.226407	43.50473	22.76691	20.73782	35.01505	6
1664.68	1664.986	996.9858	84.62	34.59	84.45	83.27	55.09632	2.192253	42.71143	16.18207	26.52935	34.6304	6
1664.685	1664.991	996.9906	85.55	40.51	85.78	85.85	49.70808	4.290882	46.00104	20.27886	25.72218	33.52328	6
1664.69	1664.995	996.9955	89.41	48.37	88.94	87.18	49.67976	4.064318	46.25592	28.95492	17.301	33.92045	6
1664.695	1665	997.0003	94.13	61.47	94.02	94.32	39.37716	9.093043	51.5298	36.20664	15.32316	32.30882	6
1664.7	1665.005	997.0051	92.45	53.33	91.97	91.76	45.76014	5.798014	48.44185	29.11696	19.32489	33.16463	6
1664.705	1665.01	997.0099	87.84	40.7	87.33	93.67	53.2903	2.737499	43.9722	28.61021	15.36199	33.01082	6
1664.71	1665.015	997.0147	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1665	1665.294	997.2936	119.04	100.33	118	116.67	14.26334	27.79747	57.93919	43.12744	14.81175	30.76753	10
1665.005	1665.299	997.2991	106.88	44.81	106.29	105.27	35.39888	14.97863	49.62249	31.63052	17.99198	32.18351	10
1665.01	1665.305	997.3047	100.86	37.28	100.75	100.49	39.03954	12.63825	48.32221	20.2522	28.07002	32.47241	10
1665.015	1665.31	997.3102	98.2	45.01	98.28	99.46	38.14358	12.08525	49.77117	19.0652	30.70598	32.09984	10
1665.02	1665.316	997.3157	98.95	27.24	98.73	98.02	44.07892	9.604808	46.31627	28.96129	17.35498	33.27749	10
1665.025	1665.321	997.3213	97.67	25.03	97.65	97.79	44.24134	9.683571	46.07509	21.49053	24.58456	33.12453	10
1665.03	1665.327	997.3268	95.54	24.25	95.45	94.52	46.9322	7.634635	45.43317	19.76791	25.66525	33.72209	10
1665.035	1665.332	997.3323	95	20.44	94.9	94.8	48.42852	6.951775	44.61971	30.06112	14.55858	33.81977	10
1665.04	1665.338	997.3378	96.94	24.88	97.16	97.43	43.08924	10.5102	46.40056	21.04249	25.35806	32.91662	10
1665.045	1665.343	997.3434	98.16	28.95	98.24	97.93	42.0669	10.96714	46.96596	18.45028	28.51568	32.88063	10
1665.05	1665.349	997.3489	97.86	24.11	98	98.59	43.04918	10.75643	46.19439	18.02366	28.17073	32.85498	10
1665.055	1665.354	997.3544	98.82	22.31	98.88	98.57	43.22158	10.96085	45.81757	20.3233	25.49427	33.04923	10
1665.06	1665.36	997.36	100.21	31.32	100.18	100.85	40.45986	12.20526	47.33488	20.06123	27.27365	32.47622	10
1665.065	1665.365	997.3655	98.71	22.13	98.76	98.15	43.44384	10.78892	45.76724	21.31043	24.45681	33.13941	10
1665.07	1665.371	997.371	96.96	19.11	97.1	96.33	45.08718	9.665209	45.24761	23.43059	21.81703	33.42016	10
1665.075	1665.377	997.3766	96.58	16.04	96.72	97.39	46.17972	9.14979	44.67049	22.06228	22.60821	33.33259	10
1665.08	1665.382	997.3821	96.05	14.21	96.04	95.51	48.27268	7.764654	43.96267	16.86789	27.09478	33.90995	10
1665.085	1665.388	997.3876	96.16	21.31	96	95.92	47.61578	7.485814	44.89841	27.43763	17.46077	33.70058	10
1665.09	1665.393	997.3931	96.21	18.76	96.16	96.33	47.33438	7.965588	44.70003	23.26479	21.43524	33.61167	10
1665.095	1665.399	997.3987	97.18	14.88	97.04	96.8	48.07844	7.904231	44.01733	24.42231	19.59502	33.84112	10
1665.1	1665.404	997.4042	97.97	18.96	97.84	98.21	46.28678	8.841085	44.87213	30.2211	14.65103	33.42364	10
1665.105	1665.41	997.4097	98.43	13.9	98.5	98.39	45.5381	10.11928	44.34262	26.5833	17.75932	33.37918	10
1665.11	1665.415	997.4153	97.93	13.6	98.04	97.92	45.7607	9.921633	44.31767	16.19059	28.12707	33.41635	10
1665.115	1665.421	997.4208	97.69	15.03	97.84	97.98	45.32544	10.05968	44.61488	31.48473	13.13015	33.29432	10
1665.12	1665.426	997.4263	97.66	14.79	97.57	97.05	47.27112	8.56134	44.16754	17.93963	26.22791	33.75475	10
1665.125	1665.432	997.4319	97.81	16.51	97.82	97.62	45.94188	9.403945	44.65418	23.79963	20.85454	33.46435	10
1665.13	1665.437	997.4374	97.33	17.14	97.74	98.62	43.13102	11.46972	45.39926	21.81408	23.58519	32.80699	10
1665.135	1665.443	997.4429	97.36	14.02	97.46	96.83	46.26096	9.412208	44.32683	18.44352	25.88331	33.59306	10
1665.14	1665.448	997.4485	97.38	16.72	97.37	96.51	46.44166	8.952118	44.60622	31.04285	13.56338	33.66749	10
1665.145	1665.454	997.454	97.11	19.14	97.45	97.45	43.39192	10.98387	45.62421	20.77955	24.84466	33.01102	10
1665.15	1665.46	997.4595	96.36	17.18	96.43	95.74	46.64874	8.651374	44.69989	29.66932	15.03056	33.65804	10
1665.155	1665.465	997.465	95.47	19.82	95.47	94.8	47.37116	7.774437	44.8544	20.99415	23.86025	33.75646	10
1665.16	1665.471	997.4706	95.15	17.91	95.13	95.27	48.28278	7.309513	44.40771	13.60617	30.80154	33.76105	10
1665.165	1665.476	997.4761	94.55	19.24	94.79	94.55	46.49792	8.338694	45.16339	31.1589	14.00448	33.52304	10
1665.17	1665.482	997.4816	95.16	18.26	95.31	95.45	46.87138	8.252301	44.87632	14.35125	30.52507	33.52361	10
1665.175	1665.487	997.4872	95.55	17.59	95.94	96.57	44.81472	9.829409	45.35587	26.85821	18.49766	33.11278	10
1665.18	1665.493	997.4927	94.77	17.69	95.11	95.61	45.89562	8.932549	45.17183	29.98268	15.18915	33.29944	10
1665.185	1665.498	997.4982	94.38	15.2	94.86	95.27	45.772	9.195534	45.03247	32.89063	12.14183	33.30351	10
1665.19	1665.504	997.5038	93.45	15.83	93.62	94.33	48.87764	6.956437	44.16592	32.6693	11.49662	33.73303	10
1665.195	1665.509	997.5093	93.02	20.49	93.33	94.05	47.06052	7.656442	45.28304	22.36192	22.92112	33.40743	10
1665.2	1665.515	997.5148	93.02	17.88	93.39	94.33	47.22714	7.773526	44.99933	21.70338	23.29596	33.40705	10
1665.205	1665.52	997.5204	92.84	14.86	92.8	93.09	51.30108	5.470453	43.22847	21.73594	21.49253	34.22285	10
1665.21	1665.526	997.5259	93.96	23.11	93.65	93.55	50.36668	5.397405	44.23591	28.4016	15.83431	34.11454	10
1665.215	1665.531	997.5314	95.4	25.68	95.29	95.51	46.86994	7.525808	45.60425	33.82439	11.77986	33.49056	10

1665.22	1665.537	997.5369	94.75	26.95	94.8	95.57	45.9206	8.007537	46.07186	16.5464	29.52546	33.22088	10
1665.225	1665.542	997.5425	94	28.78	93.83	94.2	47.87274	6.501923	45.62534	25.09729	20.52804	33.57667	10
1665.23	1665.548	997.548	93.93	28.34	94.2	94.94	44.63362	8.646661	46.71972	31.06172	15.65799	33.01797	10
1665.235	1665.554	997.5535	93.52	30.58	93.96	95.23	43.15124	9.35147	47.49729	25.33956	22.15773	32.70431	10
1665.24	1665.559	997.5591	94.44	42.43	94.35	92.3	43.54464	8.112697	48.34266	24.93676	23.4059	33.33025	10
1665.245	1665.565	997.5646	93.61	33.56	93.98	94.78	42.88978	9.268042	47.84218	33.6004	14.24177	32.74372	10
1665.25	1665.57	997.5701	93.3	31.47	93.73	95.14	43.21576	9.194504	47.58974	16.04094	31.5488	32.68048	10
1665.255	1665.576	997.5757	93.18	29.91	93.63	94.45	43.54868	9.098085	47.35323	15.20192	32.15131	32.83972	10
1665.26	1665.581	997.5812	93.6	33.04	94.02	93.53	42.63732	9.477709	47.88497	15.18159	32.70338	32.95193	10
1665.265	1665.587	997.5867	93.59	38.06	94.08	93.47	40.88918	10.16299	48.94783	18.07386	30.87397	32.73897	10
1665.27	1665.592	997.5922	92.03	39.28	92.93	92.16	38.85164	11.01658	50.13178	33.39293	16.73885	32.54675	10
1665.275	1665.598	997.5978	91.7	34.75	92.08	90.94	44.2815	8.027728	47.69077	18.60625	29.08452	33.24808	10
1665.28	1665.603	997.6033	92.27	34.66	92.92	94.67	41.68638	9.699475	48.61414	21.82452	26.78963	32.40657	10
1665.285	1665.609	997.6088	92.83	31.7	93.34	93.5	42.9725	9.249847	47.77765	15.36755	32.4101	32.87497	10
1665.29	1665.614	997.6144	93.54	46.84	94.08	93.08	38.42292	10.96973	50.60735	29.52679	21.08056	32.50661	10
1665.295	1665.62	997.6199	91.97	34.53	92.73	94.67	41.14134	9.98156	48.8771	25.68732	23.18978	32.31024	10
1665.3	1665.625	997.6254	91.87	54.88	92.26	92.37	39.17614	9.549546	51.27431	21.44174	29.83257	32.31123	10
1665.305	1665.631	997.631	91.46	66.49	91.63	92.57	38.44872	9.060662	52.49062	33.79438	18.69624	31.99932	10
1665.31	1665.636	997.6365	92.46	65.83	91.94	93.78	43.03594	6.464576	50.49948	16.90976	33.58973	32.34043	10
1665.315	1665.642	997.642	91	34.14	91.39	90.85	44.99562	7.560243	47.44414	18.66671	28.77743	33.22176	10
1665.32	1665.648	997.6476	90.94	40.62	90.9	90.73	46.81516	6.079369	47.10547	16.46373	30.64174	33.34263	10
1665.325	1665.653	997.6531	89.23	22.18	89.71	90.45	48.82084	5.995903	45.18326	18.31578	26.86748	33.58953	10
1665.33	1665.659	997.6586	88.4	25.64	88.91	89.72	48.51462	5.838661	45.64672	27.71982	17.9269	33.47925	10
1665.335	1665.664	997.6641	87.54	19.62	87.96	88.06	51.46016	4.586146	43.95369	21.64148	22.31222	34.10017	10
1665.34	1665.67	997.6697	88.62	50.62	88.53	88.45	46.91706	5.32044	47.7625	18.15447	29.60803	33.1592	10
1665.345	1665.675	997.6752	90.73	99.48	88.65	86.44	48.57424	1.639494	49.78627	16.12807	33.6582	33.37376	10
1665.35	1665.681	997.6807	89.89	74.11	88.29	85.86	51.76658	1.60579	46.62763	27.89975	18.72788	34.10988	10
1665.355	1665.686	997.6863	86.87	28.82	87	85.74	52.09766	3.797296	44.10504	14.3067	29.79835	34.31929	10
1665.36	1665.692	997.6918	85.78	26.1	86.07	85.33	52.5187	3.632116	43.84918	29.86758	13.9816	34.28767	10
1665.365	1665.697	997.6973	86.41	46.47	85.7	83.8	54.75956	1.905782	43.33466	17.054	26.28066	34.62275	10
1665.37	1665.703	997.7029	86.87	65.07	85.65	83.51	53.78766	1.601665	44.61067	20.9218	23.68888	34.27464	10
1665.375	1665.708	997.7084	85.34	35.42	85.39	83.94	52.52806	3.254207	44.21773	26.40738	17.81035	34.27495	10
1665.38	1665.714	997.7139	84.74	30.26	84.82	84.45	54.09628	2.739554	43.16417	30.66636	12.4978	34.37631	10
1665.385	1665.719	997.7194	84.38	42.65	83.92	83.15	55.6141	1.752018	42.63388	14.82133	27.81255	34.50289	10
1665.39	1665.725	997.725	83.18	30.57	83.09	82.61	56.77396	1.608567	41.61747	17.61033	24.00714	34.77999	10
1665.395	1665.731	997.7305	84.36	30.04	84.37	84.68	55.04162	2.342374	42.61601	24.648	17.968	34.39575	10
1665.4	1665.736	997.736	83.8	27.26	83.98	84.33	54.91208	2.442773	42.64515	22.40645	20.23869	34.38503	10
1665.405	1665.742	997.7416	84.51	35.23	84.5	85	53.80264	2.692495	43.50487	31.90936	11.5955	34.08459	10
1665.41	1665.747	997.7471	84.22	26.61	84.33	84.68	55.22548	2.363256	42.41126	26.32225	16.08901	34.46497	10
1665.415	1665.753	997.7526	84.96	25.79	85.06	85.39	54.82062	2.598542	42.58084	12.2687	30.31214	34.44184	10
1665.42	1665.758	997.7582	83.43	22.23	83.65	83.94	56.15974	2.065752	41.77451	17.42785	24.34666	34.672	10
1665.425	1665.764	997.7637	84.23	29.25	84.25	83.92	55.2749	2.266165	42.45893	26.60703	15.8519	34.55954	10
1665.43	1665.769	997.7692	84.11	27.75	84.25	83.45	54.8183	2.486129	42.69557	21.86502	20.83056	34.58655	10
1665.435	1665.775	997.7748	84.6	28.27	84.63	83.55	55.09416	2.386422	42.51942	14.8815	27.63791	34.69759	10
1665.44	1665.78	997.7803	84.78	25.38	85.04	83.86	53.84544	3.005332	43.14923	31.79641	11.35282	34.55644	10
1665.445	1665.786	997.7858	85.3	36.48	85.71	85.9	49.51834	4.497594	45.98407	27.16946	18.8146	33.51534	10
1665.45	1665.791	997.7913	85.34	36.18	85.74	85.55	49.63164	4.464035	45.90432	24.04921	21.85511	33.60639	10
1665.455	1665.797	997.7969	84.24	32.72	84.65	84.8	51.40346	3.725778	44.87076	27.91593	16.95483	33.80696	10
1665.46	1665.802	997.8024	84.18	30.65	84.63	85.51	51.6496	3.683772	44.66663	13.59472	31.0719	33.73665	10
1665.465	1665.808	997.8079	83.57	23.8	84.17	85.83	52.706	3.393892	43.90011	27.4915	16.40861	33.83366	10
1665.47	1665.813	997.8135	84.37	32.34	84.68	85.62	52.15082	3.444722	44.40446	19.65146	24.753	33.7819	10
1665.475	1665.819	997.819	85.39	47.31	85.37	85.33	50.14718	3.849112	46.00371	29.32556	16.67815	33.49627	10
1665.48	1665.825	997.8245	85.01	46.57	84.94	84.61	51.06336	3.475645	45.46099	16.12759	29.33341	33.67386	10
1665.485	1665.83	997.8301	87.36	72.12	86.55	82.45	48.45326	3.617861	47.92888	28.46996	19.45891	33.77831	10
1665.49	1665.836	997.8356	86.66	45.82	86.35	85.92	51.58686	3.310389	45.10275	13.8103	31.29245	33.85613	10
1665.495	1665.841	997.8411	87.79	30.93	88.26	87.33	48.10564	5.680366	46.21399	33.34741	12.86658	33.66932	10
1665.5	1665.847	997.8467	90.01	57.27	89.55	87.92	46.89646	4.973437	48.1301	30.00548	18.12463	33.42934	10
1665.505	1665.852	997.8522	89.88	56.06	90.13	88.77	41.80638	7.733656	50.45996	33.4996	16.96036	32.78747	10
1665.51	1665.858	997.8577	90.12	48.97	89.96	88.66	46.47886	5.691245	47.8299	16.12958	31.70031	33.39915	10
1665.515	1665.863	997.8632	89.41	59.36	88.98	85.88	46.71018	4.96304	48.32678	20.60687	27.71991	33.6263	10
1665.52	1665.869	997.8688	88.61	63.86	87.39	83.92	52.47968	1.993511	45.52681	15.72793	29.79888	34.44173	10
1665.525	1665.874	997.8743	88.33	53.95	87.15	85.48	54.8255	1.388757	43.78574	20.46872	23.31702	34.61319	10
1665.53	1665.88	997.8798	89.69	71.17	88.29	85.73	51.11206	2.116395	46.77154	31.21872	15.55283	34.04573	10
1665.535	1665.885	997.8854	89.39	69.95	88.43	85.17	48.2733	3.617332	48.10937	33.24582	14.86355	33.74828	10
1665.54	1665.891	997.8909	90.4	54.69	90.06	83.77	46.23202	5.474445	48.29354	17.29404	30.9995	34.24382	10
1665.545	1665.896	997.8964	88.82	45.05	88.8	89.06	47.5385	5.315903	47.1456	27.45814	19.68746	33.24545	10
1665.55	1665.902	997.902	85.22	37.11	85.46	84.5	50.75698	3.937913	45.30511	21.84467	23.46044	33.88882	10
1665.555	1665.907	997.9075	85.22	31.01	85.25	85.08	53.86068	2.838312	43.30101	17.03501	26.266	34.30797	10
1665.56	1665.913	997.913	89.57	59.45	89.08	87.51	47.0062	4.803935	48.18986	31.76456	16.4253	33.3889	10
1665.565	1665.919	997.9185	88.09	60.68	87	85.22	52.72014	2.093823	45.18604	31.62793	13.55811	34.17273	10
1665.57	1665.924	997.9241	90.63	97.64	89.31	87.45	43.22152	4.47746	52.30102	35.34408	16.95694	32.65173	10
1665.575	1665.93	997.9296	89.15	95.41	87.27	85.45	49.46278	1.859943	48.67728	17.65973	31.01755	33.32963	10
1665.58	1665.935	997.9351	86.14	49.6	85.74	84.89	51.848	3.053438	45.09856	21.14199	23.95657	33.89602	10

1665.585	1665.941	997.9407	85.89	40.92	85.41	82.98	54.79856	2.108534	43.09291	27.82147	15.27143	34.77385	10
1665.59	1665.946	997.9462	85.52	53.34	84.29	82.04	57.94582	0.438794	41.61539	10.51821	31.09718	35.10432	10
1665.595	1665.952	997.9517	82.75	34.52	81.92	81.61	61.94866	0	38.05134	8.620604	29.43074	35.15102	10
1665.6	1665.957	997.9573	83.16	33.83	82.37	81.57	61.42844	0	38.57156	16.09432	22.47724	35.41491	10
1665.605	1665.963	997.9628	82.22	35.33	81.45	79.74	61.77524	0	38.22476	25.56833	12.65643	35.43328	10
1665.61	1665.968	997.9683	82.54	36.3	81.61	79.48	62.4861	0	37.5139	12.71629	24.79761	35.26822	10
1665.615	1665.974	997.9739	83.54	32	82.7	80.92	61.9092	0	38.0908	9.570761	28.52004	35.52677	10
1665.62	1665.979	997.9794	84.36	32.9	83.66	82.92	59.852	0.360439	39.78756	15.41621	24.37135	35.43317	10
1665.625	1665.985	997.9849	81.66	24.48	81.2	81.94	62.51364	0	37.48636	22.07778	15.40858	35.20437	10
1665.63	1665.99	997.9904	82.98	26.46	82.25	81.33	62.91258	0	37.08742	17.38748	19.69994	35.33646	10
1665.635	1665.996	997.996	83.02	24.03	82.74	81.74	59.97634	0.558332	39.46533	22.12084	17.34449	35.57213	10
1665.64	1666.002	998.0015	82.31	32.28	82.11	81.77	58.01304	1.095634	40.89133	20.44063	20.45069	34.9037	10
1665.645	1666.007	998.007	82.43	27.44	82.15	81.09	59.69392	0.586875	39.71921	11.94342	27.77579	35.44059	10
1665.65	1666.013	998.0126	84.63	38.89	84.21	83.09	55.98402	1.708276	42.3077	30.61075	11.69695	34.6999	10
1665.655	1666.018	998.0181	82.63	34.67	82.15	82.77	59.31026	0.581691	40.10805	24.65527	15.45278	34.94642	10
1665.66	1666.024	998.0236	79.87	27.15	79.76	76.9	60.8018	0.177315	39.02088	15.29235	23.72854	35.85871	10
1665.665	1666.029	998.0292	78.69	36.93	78.51	77.26	60.06314	0.310842	39.62602	19.03133	20.59468	35.17316	10
1665.67	1666.035	998.0347	74.7	32.33	74.28	74.73	66.70714	0	33.29286	15.29868	17.99418	33.98537	10
1665.675	1666.04	998.0402	74.42	31.96	73.49	73.3	71.00678	0	28.99322	9.643719	19.3495	33.69522	10
1665.68	1666.046	998.0457	73.36	34.81	72.35	70.15	71.91228	0	28.08772	18.71609	9.371627	33.99608	10
1665.685	1666.051	998.0513	72.67	36.43	71.46	69.61	73.70504	0	26.29496	18.39364	7.901321	33.86461	10
1665.69	1666.057	998.0568	70.56	27.33	70.25	70.63	70.87344	0	29.12656	22.82474	6.301815	33.46576	10
1665.695	1666.062	998.0623	68.82	28.09	68.97	67.28	68.72532	0	31.27468	8.934346	22.34033	33.77345	10
1665.7	1666.068	998.0679	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1666.065	1666.472	998.4716	98	32.47	98.5	100	38.10726	13.69588	48.19686	15.6844	32.51246	32.00435	10
1666.07	1666.477	998.4771	100.71	80.54	99.21	98.61	39.48112	5.996958	54.52192	22.88033	31.64159	32.77912	9
1666.075	1666.483	998.4827	98.89	62.67	97.65	96.78	43.46506	5.610741	50.9242	18.70052	32.22368	33.24844	9
1666.08	1666.488	998.4882	101.43	134.2	98.57	94.47	36.373	1.007525	62.61947	33.7055	28.91397	33.25826	9
1666.085	1666.494	998.4937	101.04	275.48	96.03	92.76	19.20454	0	80.79546	50.57129	30.22417	29.31128	9
1666.09	1666.499	998.4992	94.1	87.01	93.15	91.89	39.73408	6.648332	53.61759	32.00095	21.61663	32.48407	9
1666.095	1666.505	998.5048	95.14	82.9	93.86	94.94	42.3294	5.171815	52.49878	22.69679	29.802	32.43306	9
1666.1	1666.51	998.5103	97.9	85.55	97.51	98	32.2514	11.7075	56.0411	40.2772	15.7639	31.66627	9
1666.105	1666.516	998.5158	96.7	78.68	96.17	94.61	36.10294	9.642138	54.25492	22.85214	31.40278	32.33921	9
1666.11	1666.521	998.5214	98.93	192.88	95.55	89.45	28.50244	2.101545	69.39602	34.47221	34.9238	32.64108	9
1666.115	1666.527	998.5269	91.89	62.59	90.35	88.04	52.24942	1.564236	46.18634	21.23058	24.95576	34.43906	9
1666.12	1666.532	998.5324	91.56	73.71	89.96	87.33	50.32698	1.979675	47.69334	15.87615	31.8172	34.04653	9
1666.125	1666.538	998.538	92.81	80.37	91.22	87.86	47.48776	2.795877	49.71636	29.21637	20.49999	33.78927	9
1666.13	1666.543	998.5435	99.25	212.78	95.49	89.29	26.33724	1.311958	72.3508	39.60201	32.74879	32.5926	9
1666.135	1666.549	998.549	106.1	222.42	105.13	100.56	0	22.82656	77.17344	77.17344	0	-9999	9
1666.14	1666.555	998.5546	103.58	149.01	102.59	102.32	16.31848	15.84418	67.83734	40.09221	27.74514	31.67885	9
1666.145	1666.56	998.5601	99.73	297.26	103.41	107.47	0	57.08289	42.91711	42.91711	0	-9999	9
1666.15	1666.566	998.5656	99.96	167.23	101.09	100.35	0	29.26179	70.73821	70.73821	0	-9999	9
1666.155	1666.571	998.5711	103.91	213.05	103.29	98.59	0	23.34009	76.65991	76.65991	0	-9999	9
1666.16	1666.577	998.5767	107.8	158.54	108.34	107.02	0	34.95145	65.04855	65.04855	0	-9999	9
1666.165	1666.582	998.5822	103.29	209.97	101.64	102.5	6.94796	14.79887	78.25317	63.59738	14.65579	-9999	9
1666.17	1666.588	998.5877	104.65	264.19	103.51	103.71	0	23.15403	76.84597	76.84597	0	-9999	9
1666.175	1666.593	998.5933	104.86	264.9	104.08	89.41	0	26.32301	73.67699	73.67699	0	-9999	9
1666.18	1666.599	998.5988	97.93	241.1	93.61	86.39	25.0382	0.735468	74.22633	39.46805	34.75828	32.40956	9
1666.185	1666.604	998.6043	89.86	97.56	87.27	86.41	53.79178	0	46.20822	15.50576	30.70246	33.20678	9
1666.19	1666.61	998.6099	86.28	99.41	84.04	81.27	53.92518	0.558663	45.51616	18.88262	26.63353	33.85644	9
1666.195	1666.615	998.6154	84.61	64.7	83.35	82.74	56.2664	0.901425	42.83217	20.24692	22.58526	34.24996	9
1666.2	1666.621	998.6209	84.63	72.83	83.37	83.65	54.28054	1.454737	44.26472	13.60323	30.6615	33.62547	9
1666.205	1666.626	998.6265	83.46	47.37	82.74	82.92	57.33326	1.009493	41.65725	25.1325	16.52475	34.49448	9
1666.21	1666.632	998.632	84.41	27.95	84.02	79.11	58.6014	0.984188	40.41441	25.76465	14.64976	36.03075	9
1666.215	1666.638	998.6375	87.35	25.01	86.92	82.57	56.91808	1.767841	41.31408	19.95683	21.35725	35.79568	9
1666.22	1666.643	998.643	92.1	31.74	91.37	89.96	53.24442	3.050647	43.70493	14.1422	29.56273	34.73121	9
1666.225	1666.649	998.6486	95.86	60.44	94.46	92.78	48.03232	3.311931	48.65575	33.57895	15.0768	33.92158	9
1666.23	1666.654	998.6541	97.46	68.52	95.94	91.79	45.53496	3.790402	50.67464	28.20364	22.471	34.06875	9
1666.235	1666.66	998.6596	99.26	107.11	96.39	93.41	45.00268	0	54.99732	21.07497	33.92235	32.68523	9
1666.24	1666.665	998.6652	100.07	99.34	98.13	93.11	38.93032	4.236307	56.83337	36.50476	20.32861	33.50767	9
1666.245	1666.671	998.6707	106.13	86.08	105.43	104.55	26.95404	16.04415	57.00181	29.85146	27.15036	31.66711	9
1666.25	1666.676	998.6762	105.61	103.72	104.43	103.24	26.88356	12.63693	60.47951	40.71115	19.76835	31.9553	9
1666.255	1666.682	998.6818	108.32	128.52	107.39	104.94	16.45126	18.7386	64.81014	53.41999	11.39016	31.97519	9
1666.26	1666.687	998.6873	108.16	195.83	108.47	102.45	0	35.6475	64.3525	64.3525	0	-9999	9
1666.265	1666.693	998.6928	107.5	161.02	107.29	99.66	3.76066	27.14296	69.09638	61.66106	7.435316	-9999	9
1666.27	1666.698	998.6983	107.09	156.98	106.5	107.7	8.06054	22.76072	69.17874	50.67031	18.50843	31.67079	9
1666.275	1666.704	998.7039	105.82	164.69	104.31	112.35	14.49312	14.08458	71.4223	48.07228	23.35001	30.44854	9
1666.28	1666.709	998.7094	106.95	147.97	106.29	108.39	10.91226	21.35766	67.73008	61.98381	5.746268	31.3214	9
1666.285	1666.715	998.7149	108.01	124.91	107	109.39	18.23008	17.44219	64.32773	42.82808	21.49964	31.09665	9
1666.29	1666.72	998.7205	105.3	144.5	106	95.67	2.73	31.67968	65.59032	65.59032	0	-9999	9
1666.295	1666.726	998.726	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1666.37	1666.809	998.809	118.44	60.5	118.7	117.52	14.3792	46.09127	39.52953	14.34386	25.18567	28.44353	10
1666.375	1666.814	998.8145	118.74	85.94	119.11	119.65	7.09422	50.50715	42.39863	41.32884	1.069797	-9999	10

1666.38	1666.82	998.82	115.36	84.89	115.69	116.02	10.76792	41.64323	47.58885	35.41679	12.17206	29.29402	10
1666.385	1666.826	998.8255	116.85	104.04	117.04	115.71	5.84782	44.08869	50.06349	40.63307	9.430425	-9999	10
1666.39	1666.831	998.8311	114.94	81.99	114.35	112.8	18.98612	27.39156	53.62232	43.06757	10.55476	30.70405	10
1666.395	1666.837	998.8366	114.34	102.19	112.82	111	21.85722	15.56182	62.58096	35.58373	26.99724	31.99047	10
1666.4	1666.842	998.8421	116.8	118.67	114.73	110.31	19.86836	10.9213	69.21034	50.27314	18.9372	33.07208	10
1666.405	1666.848	998.8477	116.42	100.78	115.35	114.52	16.79734	23.82345	59.37921	39.68936	19.68985	31.06254	10
1666.41	1666.853	998.8532	118.66	84.23	118.37	116.02	12.69664	38.72845	48.57491	33.6862	14.8887	29.72596	10
1666.415	1666.859	998.8587	116.16	134.35	115.04	110.92	9.3001	25.04285	65.65705	46.74669	18.91036	32.20453	10
1666.42	1666.864	998.8643	110.23	87.82	110.17	109.03	17.80096	27.4449	54.75414	43.10785	11.64629	30.82826	10
1666.425	1666.87	998.8698	111.18	110.24	111.02	111.98	12.27632	29.20928	58.5144	51.75542	6.758981	30.62802	10
1666.43	1666.875	998.8753	108.87	107.67	108.18	107.73	19.13096	20.28122	60.58782	33.12148	27.46634	31.34076	10
1666.435	1666.881	998.8809	107.15	96.93	106.72	103.02	21.29744	20.28705	58.41551	44.16234	14.25317	31.87222	10
1666.44	1666.886	998.8864	106.82	85.26	106.49	105.82	23.65018	20.08349	56.26633	29.31445	26.95189	31.29533	10
1666.445	1666.892	998.8919	109.45	123.63	108.98	106.24	13.03004	24.31201	62.65795	48.21752	14.44043	31.76433	10
1666.45	1666.897	998.8974	108.32	134.38	107.55	103.81	13.79314	20.71764	65.48922	53.31107	12.17815	32.21704	10
1666.455	1666.903	998.903	110.47	152.7	110	110.9	5.0567	27.52825	67.41505	60.94536	6.469683	-9999	10
1666.46	1666.909	998.9085	110.5	121.68	110.39	110.82	9.74594	29.55829	60.69577	40.14768	20.54809	30.96012	10
1666.465	1666.914	998.914	108.09	140.14	107.85	107.63	8.50332	26.15749	65.33919	56.24644	9.092755	31.58806	10
1666.47	1666.92	998.9196	107.66	116.23	107.25	104.88	16.00264	22.34708	61.65028	40.78458	20.8657	31.67239	10
1666.475	1666.925	998.9251	109.27	110.62	109.12	106.31	13.86406	26.63105	59.50489	46.76235	12.74254	31.4935	10
1666.48	1666.931	998.9306	108.37	121.85	108.43	108.33	10.3469	28.36289	61.29021	55.92	5.370201	31.16524	10
1666.485	1666.936	998.9362	107.33	105.34	107.43	108.76	14.98912	26.21737	58.79351	42.30399	16.48952	30.72532	10
1666.49	1666.942	998.9417	106.1	119.39	106.39	105.29	11.24812	27.322	61.42988	38.40953	23.02035	31.40624	10
1666.495	1666.947	998.9472	104.98	112.99	105.07	105.46	15.37732	23.64089	60.98179	50.27877	10.70302	31.11871	10
1666.5	1666.953	998.9528	104.03	135.43	104.06	105.55	11.28584	23.54011	65.17405	52.48278	12.69127	31.23448	10
1666.505	1666.958	998.9583	105.27	150.92	104.8	102.15	10.27146	21.63379	68.09475	54.38093	13.71382	32.2226	10
1666.51	1666.964	998.9638	107.28	135.33	106.78	107.62	12.42754	22.35039	65.22207	41.35135	23.87072	31.33769	10
1666.515	1666.969	998.9693	108.43	140.1	108.61	108.55	4.9452	30.93282	64.12198	52.51464	11.60734	-9999	10
1666.52	1666.975	998.9749	110.45	125.78	111.23	112.92	1.90224	40.15867	57.93909	57.93909	0	-9999	10
1666.525	1666.98	998.9804	110.29	125.46	110.98	112.07	2.82438	38.75701	58.41861	58.41861	0	-9999	10
1666.53	1666.986	998.9859	110.93	136.72	111.68	111.27	0	41.49394	58.50606	58.50606	0	-9999	10
1666.535	1666.991	998.9915	107.93	141.12	108.7	110.98	0.58586	36.39269	63.02145	63.02145	0	-9999	10
1666.54	1666.997	998.997	110.07	149.68	110.48	109.8	0	36.72918	63.27082	63.27082	0	-9999	10
1666.545	1667.003	999.0025	109.26	145.36	110.06	112.12	0	39.41408	60.58592	60.58592	0	-9999	10
1666.55	1667.008	999.0081	110.01	128.28	110.98	112.77	0.22954	41.69476	58.0757	58.0757	0	-9999	10
1666.555	1667.014	999.0136	110.04	133.16	110.76	114.1	0.95848	39.15086	59.89066	59.89066	0	-9999	10
1666.56	1667.019	999.0191	107.34	113.3	108.12	111.02	7.7836	33.60349	58.61291	45.4743	13.13861	-9999	10
1666.565	1667.025	999.0246	107.88	115.89	109.11	110.65	3.17252	39.48777	57.33971	56.12126	1.218448	-9999	10
1666.57	1667.03	999.0302	106.74	110.5	107.53	108.29	8.9357	32.51019	58.55411	53.22473	5.329384	30.83749	10
1666.575	1667.036	999.0357	104.31	107.54	105.04	105.69	12.35262	28.00235	59.64503	47.21677	12.42826	30.9843	10
1666.58	1667.041	999.0412	106.94	110.33	107.91	109.33	7.39784	34.64376	57.9584	52.02184	5.936552	-9999	10
1666.585	1667.047	999.0468	106.96	98.06	107.65	108.39	12.51878	31.03494	56.44628	34.04825	22.39803	30.61338	10
1666.59	1667.052	999.0523	105.96	86.21	106.72	107.72	15.76398	29.32023	54.91579	27.01867	27.89712	30.5143	10
1666.595	1667.058	999.0578	106.49	100.26	107.29	108.42	11.56628	31.50647	56.92725	38.70283	18.22442	30.60334	10
1666.6	1667.063	999.0634	106.85	102.8	107.82	108.98	9.3029	33.97746	56.71964	40.52685	16.19279	30.58986	10
1666.605	1667.069	999.0689	106.24	92.34	107.02	108.55	13.86792	30.37156	55.76052	29.55703	26.2035	30.446	10
1666.61	1667.074	999.0744	105.73	108.99	106.68	108.57	8.99032	32.2967	58.71298	51.14725	7.565739	30.68479	10
1666.615	1667.08	999.08	106.45	117.39	107.98	110.65	1.80012	39.87496	58.32492	58.32492	0	-9999	10
1666.62	1667.085	999.0855	105.64	120.58	106.94	108.96	3.55584	36.27507	60.16909	56.80335	3.36574	-9999	10
1666.625	1667.091	999.091	106.41	154.77	106.98	105.78	0.23096	32.82122	66.94782	66.94782	0	-9999	10
1666.63	1667.097	999.0965	103.67	134.47	105.12	107.76	0.84436	35.13794	64.0177	64.0177	0	-9999	10
1666.635	1667.102	999.1021	104.66	145.12	105.18	105.47	4.56376	29.1832	66.25304	66.25304	0	-9999	10
1666.64	1667.108	999.1076	104.31	172.51	104	104.93	4.68988	23.50568	71.80444	71.80444	0	-9999	10
1666.645	1667.113	999.1131	104.14	109.75	104.98	106.63	11.1217	28.86681	60.01149	55.1325	4.878989	30.84803	10
1666.65	1667.119	999.1187	99.9	100.67	100.45	100.63	19.46736	20.59106	59.94158	28.75563	31.18595	31.2181	10
1666.655	1667.124	999.1242	98.15	93.26	98.37	98.39	25.42808	16.17555	58.39637	28.18755	30.20882	31.37684	10
1666.66	1667.13	999.1297	98.56	97.19	99.61	100.35	17.66732	22.24259	60.09009	37.15211	22.93798	31.14291	10
1666.665	1667.135	999.1353	97.77	100.82	98.63	100.29	18.98816	20.35602	60.65582	29.37939	31.27644	31.00183	10
1666.67	1667.141	999.1408	95.71	112.59	96.22	97.35	20.74752	17.05024	62.20224	47.86454	14.33771	31.1197	10
1666.675	1667.146	999.1463	92.56	122.55	92.84	93.92	23.0177	14.07798	62.90432	47.86635	15.03797	31.03863	10
1666.68	1667.152	999.1518	91.77	118.58	92.55	93.23	20.83024	15.59303	63.57673	41.68956	21.88717	31.1799	10
1666.685	1667.157	999.1574	92.21	137.15	92.02	91.49	23.449	12.65021	63.90079	42.31999	21.5808	31.22169	10
1666.69	1667.163	999.1629	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1667.01	1667.515	999.5155	108.92	49.56	109.13	109.05	26.17258	25.87481	47.95261	29.4887	18.46391	30.63061	-9999
1667.015	1667.52	999.5203	97.07	28.22	96.7	95.48	46.73386	7.386811	45.87933	26.9606	18.91873	33.75539	-9999
1667.02	1667.525	999.5251	94.67	91.88	93.02	89.14	43.45614	3.807512	52.73635	20.45697	32.27938	33.39637	-9999
1667.025	1667.53	999.5299	98.88	131.04	95.9	89.61	40.41372	0.132384	59.4539	18.67045	40.78345	33.76431	-9999
1667.03	1667.535	999.5348	102.44	265.95	97.11	91.19	22.7028	0	77.2972	49.41211	27.88509	25.31644	-9999
1667.035	1667.54	999.5396	102.25	248.02	96.28	93.49	32.17666	0	67.82334	40.16785	27.65549	18.48799	-9999
1667.04	1667.544	999.5444	99.54	103.73	98.61	95.41	30.52804	10.64696	58.825	42.57303	16.25196	32.29747	-9999
1667.045	1667.549	999.5493	94.36	62.17	94.95	91.5	33.57116	12.93038	53.49846	34.99609	18.50237	32.47342	-9999
1667.05	1667.554	999.5541	93.65	45.99	94.2	94.73	38.44992	11.0505	50.49958	34.40792	16.09166	32.2143	-9999
1667.055	1667.559	999.5589	93.07	24.08	93.14	94.12	48.00574	6.767305	45.22696	14.65893	30.56803	33.46955	-9999

1667.06	1667.564	999.5637	94.26	56.37	94.2	94.87	40.10426	9.087748	50.80799	27.12616	23.68183	32.32329	-9999
1667.065	1667.569	999.5686	92.58	72.94	91.57	91.15	45.00242	4.787853	50.20973	23.67843	26.5313	32.93808	-9999
1667.07	1667.573	999.5734	89.57	47.79	88.88	88.62	51.37792	3.231612	45.39047	33.30073	12.08974	33.90058	-9999
1667.075	1667.578	999.5782	88.69	23.45	88.65	88.08	53.0403	3.714052	43.24565	26.22151	17.02414	34.461	-9999
1667.08	1667.583	999.5831	87.74	24.96	87.84	87.14	52.46388	3.863416	43.6727	14.68444	28.98827	34.33672	-9999
1667.085	1667.588	999.5879	87.5	22.48	87.55	87.08	53.67234	3.391603	42.93606	28.02454	14.91152	34.51886	-9999
1667.09	1667.593	999.5927	88.09	27.03	87.87	86.17	54.12094	2.984675	42.89438	13.81144	29.08295	34.79299	-9999
1667.095	1667.598	999.5976	88.23	37.19	87.81	86.14	53.08342	2.990456	43.92612	15.31369	28.61244	34.49437	-9999
1667.1	1667.602	999.6024	89.3	52.87	89.88	91.91	40.55446	8.520982	50.92456	22.26774	28.65681	32.04394	-9999
1667.105	1667.607	999.6072	89.9	46.2	91.65	94.89	32.5491	13.56453	53.88637	32.6056	21.28077	31.3289	-9999
1667.11	1667.612	999.612	92.96	37.35	93.33	95.94	42.5706	9.044116	48.38528	17.4071	30.97818	32.32496	-9999
1667.115	1667.617	999.6169	93.43	46.53	93.55	95.14	41.85414	8.767783	49.37808	20.15701	29.22107	32.38377	-9999
1667.12	1667.622	999.6217	94.3	29.72	94.06	95.39	47.91176	6.40024	45.688	24.60481	21.08319	33.39227	-9999
1667.125	1667.627	999.6265	93.14	42.07	91.96	91.2	53.27526	2.149416	44.57532	23.98807	20.58725	34.59049	-9999
1667.13	1667.631	999.6314	90.85	39.33	89.81	89.34	54.96014	1.744624	43.29524	29.45839	13.83685	34.73156	-9999
1667.135	1667.636	999.6362	88.42	31.24	87.58	84.83	57.60352	1.115939	41.28054	12.64235	28.63819	35.60663	-9999
1667.14	1667.641	999.641	85.08	22.9	84.26	83.57	62.5396	0	37.4604	25.98448	11.47592	35.53002	-9999
1667.145	1667.646	999.6458	85.22	20.57	84.9	84.67	59.09966	1.003123	39.89722	15.8584	24.03882	35.4071	-9999
1667.15	1667.651	999.6507	84.45	49	82.35	82.84	66.723	0	33.277	17.93703	15.33997	32.83887	-9999
1667.155	1667.655	999.6555	83.42	43.09	81.47	78.34	67.93832	0	32.06168	23.29958	8.762099	33.6758	-9999
1667.16	1667.66	999.6603	82.16	29.81	81.14	79.73	65.10378	0	34.89622	19.62232	15.2739	34.7139	-9999
1667.165	1667.665	999.6652	85.5	57.75	85.83	80.39	44.807	5.765302	49.4277	26.46067	22.96703	33.68462	-9999
1667.17	1667.67	999.67	88.8	75.16	90.21	86.88	29.18778	13.10042	57.7118	24.16616	33.54564	32.20863	9
1667.175	1667.675	999.6748	93.37	69.29	94	93.43	32.44892	12.80448	54.7466	20.08295	34.66366	31.8405	9
1667.18	1667.68	999.6796	96.4	64.5	96.03	97.27	38.5705	9.391546	52.03795	20.5969	31.44106	32.08047	9
1667.185	1667.684	999.6845	98.57	67.74	98.15	97.45	36.17752	10.79354	53.02894	38.39304	14.6359	32.24106	9
1667.19	1667.689	999.6893	101.31	82.68	100.33	98.8	34.38124	9.95696	55.6618	30.20538	25.45642	32.35268	9
1667.195	1667.694	999.6941	103.72	125.16	101.48	97.22	31.64888	4.86931	63.48181	41.88486	21.59695	33.03315	9
1667.2	1667.699	999.699	103.78	109.69	102.1	97.15	30.99742	8.016749	60.98583	25.22797	35.75786	32.97706	9
1667.205	1667.704	999.7038	103.87	110.07	103.53	99.45	20.43766	18.6148	60.94754	45.45432	15.49321	32.0662	9
1667.21	1667.709	999.7086	110.82	141.06	111.72	109.31	0	43.39517	56.60483	56.60483	0	-9999	9
1667.215	1667.713	999.7134	107.93	164.89	107.63	100.94	3.12602	27.03184	69.84214	69.84214	0	-9999	9
1667.22	1667.718	999.7183	104.13	152.89	103.45	101.39	12.47102	18.98046	68.54852	58.42134	10.12718	32.07667	9
1667.225	1667.723	999.7231	110.1	142.33	109.37	104.52	9.92164	23.5179	66.56046	58.86852	7.691939	32.50983	9
1667.23	1667.728	999.7279	113.88	147.58	113.86	110.43	0	37.93277	62.06723	62.06723	0	-9999	9
1667.235	1667.733	999.7328	114.85	173.4	115.27	114.9	0	47.82463	52.17537	52.17537	0	-9999	9
1667.24	1667.738	999.7376	114.34	199.81	115.63	117.28	0	61.16697	38.83303	38.83303	0	-9999	9
1667.245	1667.742	999.7424	119.78	165.57	121.61	121.63	0	86.95317	13.04683	13.04683	0	-9999	9
1667.25	1667.747	999.7473	112.5	165.97	112.78	115.49	0	40.61876	59.38124	59.38124	0	-9999	9
1667.255	1667.752	999.7521	111.61	173.55	110.72	106.24	2.2172	25.4732	72.3096	72.3096	0	-9999	9
1667.26	1667.757	999.7569	105.81	130.4	104.41	102.39	21.948	12.69616	65.35584	48.48595	16.86989	32.09159	9
1667.265	1667.762	999.7617	104.71	98.71	103.76	101.8	27.14148	13.57878	59.27974	41.74865	17.5311	32.00293	9
1667.27	1667.767	999.7666	101.08	71.12	100.29	100.59	35.91786	10.34215	53.73999	20.33776	33.40223	32.12272	9
1667.275	1667.771	999.7714	95.33	65.28	93.76	90.06	48.66614	2.598197	48.73566	21.0528	27.68286	34.32753	9
1667.28	1667.776	999.7762	89.84	42.43	88.59	86.12	56.76664	0.791857	42.4415	15.53689	26.90461	35.34994	9
1667.285	1667.781	999.7811	87.74	44.89	86.93	85.09	54.69332	1.909308	43.39737	27.87123	15.52614	34.68116	9
1667.29	1667.786	999.7859	90.42	49.06	89.98	91.66	48.35108	4.690408	46.95851	24.5177	22.44082	33.10465	9
1667.295	1667.791	999.7907	95.68	74.45	95.43	97.98	35.895	10.25069	53.85431	33.25831	20.596	31.52664	9
1667.3	1667.796	999.7955	95.27	50.91	94.81	94.5	43.59638	7.28398	49.11964	34.45236	14.66728	32.98882	9
1667.305	1667.8	999.8004	94.09	50.16	93.31	91.92	47.34348	4.981882	47.67464	18.85294	28.8217	33.68807	9
1667.31	1667.805	999.8052	98.35	162.6	95.64	88.33	31.1713	3.750402	65.0783	30.39434	34.68396	32.97573	9
1667.315	1667.81	999.81	102.56	123.18	102.04	96.15	19.86524	16.91939	63.21537	43.25473	19.96065	32.49085	9
1667.32	1667.815	999.8149	100	112.8	98.98	96.39	28.6074	10.94621	60.44639	29.62513	30.82126	32.10043	9
1667.325	1667.82	999.8197	107.52	147.32	109.37	106.78	0	47.54571	52.45429	52.45429	0	-9999	9
1667.33	1667.825	999.8245	104.9	100.44	104.09	103.85	25.46302	15.00395	59.53303	30.40147	29.13156	31.57003	9
1667.335	1667.829	999.8293	106.24	141.26	106.21	97.55	8.30678	25.99222	65.701	61.10306	4.597946	33.19692	9
1667.34	1667.834	999.8342	107.93	72.65	108.16	109.06	21.3406	26.16375	52.49565	28.52541	23.97024	30.49338	9
1667.345	1667.839	999.839	103.82	72.76	103.63	104.37	28.35018	17.26908	54.38074	21.24464	33.13611	31.28865	9
1667.35	1667.844	999.8438	96.74	54.54	96.46	94.09	39.97052	9.455268	50.57421	34.72417	15.85005	32.93452	9
1667.355	1667.849	999.8487	93.23	47.75	92.55	89.98	47.9429	4.883514	47.17359	15.18816	31.98542	33.97029	9
1667.36	1667.853	999.8535	92.57	50.09	92.4	90.05	44.03132	7.073712	48.89497	22.77958	26.11538	33.3334	9
1667.365	1667.858	999.8583	91.08	68.65	90.8	91.57	41.7631	7.012719	51.22418	21.27414	29.95004	32.29653	9
1667.37	1667.863	999.8631	89.48	65.97	88.68	91.04	47.91366	3.996177	48.09016	29.16093	18.92924	32.6937	9
1667.375	1667.868	999.868	88.07	54.36	87.41	85.56	50.93548	3.205433	45.85909	22.62694	23.23214	33.9645	9
1667.38	1667.873	999.8728	88.97	64.66	87.97	86.55	50.24988	2.967488	46.78263	32.5008	14.28183	33.71108	9
1667.385	1667.878	999.8776	89.26	67.52	88.23	89.88	49.52346	3.143438	47.3331	14.30244	33.03066	33.02194	9
1667.39	1667.882	999.8825	91.92	58.79	90.89	92.27	49.18892	3.490998	47.32008	21.34938	25.9707	33.2772	9
1667.395	1667.887	999.8873	95.5	77.42	93.72	93.15	47.19936	2.419948	50.38069	25.94868	24.43201	33.46391	9
1667.4	1667.892	999.8921	96.98	74.34	95.49	92.39	44.33562	4.176316	51.48806	30.2802	21.20786	33.63068	9
1667.405	1667.897	999.8969	98.66	63.26	97.6	94.72	42.13888	6.625961	51.23516	29.31729	21.91787	33.39498	9
1667.41	1667.902	999.9018	100.72	50.08	100.32	97.74	38.31824	11.35382	50.32794	26.99133	23.33661	32.8452	9
1667.415	1667.907	999.9066	102.1	45.73	101.77	101.55	37.55884	12.72135	49.71981	24.58204	25.13778	32.2981	9
1667.42	1667.911	999.9114	103.33	70.25	102.48	101.54	34.5234	11.43246	54.04414	22.46151	31.58262	32.26025	9

1667.425	1667.916	999.9163	105.61	59.36	105.04	104.53	32.89118	14.90827	52.20055	35.74893	16.45162	31.89461	9
1667.43	1667.921	999.9211	104.68	59.03	104.21	102.39	33.05164	14.86592	52.08244	31.90954	20.1729	32.13973	9
1667.435	1667.926	999.9259	104.7	59.06	103.87	101.74	35.81598	11.88396	52.30006	32.04981	20.25025	32.5915	9
1667.44	1667.931	999.9308	108.64	76.66	108.51	108.47	22.50698	23.70481	53.78821	36.88352	16.90469	30.84883	9
1667.445	1667.936	999.9356	109.15	81.78	108.75	108.53	22.89124	21.86758	55.24118	26.30875	28.93243	31.03819	9
1667.45	1667.94	999.9404	113.79	71.98	113.56	114.56	19.67654	29.83532	50.48814	24.9998	25.48833	29.95812	9
1667.455	1667.945	999.9452	112.29	78.18	111.98	111.29	20.17614	26.87704	52.94682	36.96926	15.97755	30.62853	9
1667.46	1667.95	999.9501	112.64	91.5	112.55	114.24	14.9257	31.09022	53.98408	36.06842	17.91566	30.01528	9
1667.465	1667.955	999.9549	107.17	83.69	106.8	105.39	24.01812	19.98849	55.99339	35.71415	20.27924	31.4272	9
1667.47	1667.96	999.9597	105.96	73.62	105.52	104.82	28.11076	17.36778	54.52146	39.4531	15.06836	31.54694	9
1667.475	1667.965	999.9646	108.49	71.6	108	106.59	26.6595	19.47339	53.86711	21.16204	32.70507	31.47536	9
1667.48	1667.969	999.9694	105.66	58.33	105.09	103.78	33.09444	14.88606	52.0195	28.10529	23.91422	32.05616	9
1667.485	1667.974	999.9742	106.46	42.45	106.33	105.41	32.7914	18.65587	48.55273	17.99169	30.56104	31.6774	9
1667.49	1667.979	999.979	106.85	48.44	106.45	105.29	33.07552	16.97217	49.95231	31.63925	18.31306	31.87167	9
1667.495	1667.984	999.9839	107.45	90.91	107.13	107.89	21.62578	21.27668	57.09754	28.65902	28.43852	30.94787	9
1667.5	1667.989	999.9887	114.77	95.43	114.78	115	11.24004	36.4771	52.28286	33.13756	19.14529	29.90143	10
1667.505	1667.994	999.9935	111.18	114.93	110.83	109.28	12.61384	27.29087	60.09529	47.63283	12.46246	31.24874	10
1667.51	1667.998	999.9984	115.27	109.4	115.14	114	8.4843	36.34265	55.17305	44.72325	10.4498	30.4476	10
1667.515	1668.003	1000.003	114.4	118.61	114.24	114.47	7.28838	34.97429	57.73733	51.95973	5.777605	-9999	10
1667.52	1668.008	1000.008	117.63	119.04	117.88	118.12	1.03522	47.89129	51.07349	51.07349	0	-9999	10
1667.525	1668.013	1000.013	118.19	111.47	118.02	115.72	5.60696	41.6205	52.77254	45.3916	7.380937	-9999	10
1667.53	1668.018	1000.018	120.52	122.48	120.76	120.27	0	55.37088	44.62912	44.62912	0	-9999	10
1667.535	1668.023	1000.023	127.99	98.73	128.67	131.31	0	91.15089	8.849106	8.849106	0	-9999	10
1667.54	1668.027	1000.027	130.79	78.3	131.28	130.8	0	97.45663	2.543366	2.543366	0	-9999	10
1667.545	1668.032	1000.032	132.52	77.94	133	133.57	0	100	0	0	0	-9999	10
1667.55	1668.037	1000.037	131.96	87.11	132.33	132.94	0	99.95749	0.042506	0.042506	0	-9999	10
1667.555	1668.042	1000.042	132.82	74.84	133.25	133.9	0	100	0	0	0	-9999	10
1667.56	1668.047	1000.047	131	105.22	131.57	132.14	0	100	0	0	0	-9999	10
1667.565	1668.051	1000.051	124.1	252.87	127.09	132.83	0	100	0	0	0	-9999	10
1667.57	1668.056	1000.056	117.07	360.24	118.18	119.65	0	77.08249	22.91751	22.91751	0	-9999	10
1667.575	1668.061	1000.061	116.1	354.64	118.35	114.23	0	92.7222	7.277798	7.277798	0	-9999	10
1667.58	1668.066	1000.066	119.11	317.22	118.76	123.26	0	54.34339	45.65661	45.65661	0	-9999	10
1667.585	1668.071	1000.071	131.37	118.26	132.14	133.71	0	100	0	0	0	-9999	10
1667.59	1668.076	1000.076	131.09	127.36	131.55	131.47	0	100	0	0	0	-9999	10
1667.595	1668.08	1000.08	133.36	105.8	133.65	133.56	0	100	0	0	0	-9999	10
1667.6	1668.085	1000.085	133.33	107	134.05	134.35	0	100	0	0	0	-9999	10
1667.605	1668.09	1000.09	132.33	106.65	132.96	134	0	100	0	0	0	-9999	10
1667.61	1668.095	1000.095	131.48	104.19	132.08	132.11	0	100	0	0	0	-9999	10
1667.615	1668.1	1000.1	131.43	100.7	132.14	131.61	0	100	0	0	0	-9999	10
1667.62	1668.105	1000.105	131.05	89.93	131.81	132.84	0	100	0	0	0	-9999	10
1667.625	1668.109	1000.109	129.9	83.42	130.09	131.5	0	84.17268	15.82732	15.82732	0	-9999	10
1667.63	1668.114	1000.114	129.58	83.91	130.04	131.06	0	91.0362	8.963798	8.963798	0	-9999	10
1667.635	1668.119	1000.119	129.9	100.2	130.49	131.72	0	97.6959	2.304102	2.304102	0	-9999	10
1667.64	1668.124	1000.124	128.68	113.37	129.26	130.33	0	92.43609	7.563909	7.563909	0	-9999	10
1667.645	1668.129	1000.129	126.47	122.94	127	129.17	0	82.06012	17.93988	17.93988	0	-9999	10
1667.65	1668.134	1000.134	125.9	140.28	126.51	128.8	0	82.98047	17.01953	17.01953	0	-9999	10
1667.655	1668.138	1000.138	124.96	132.25	125.52	128.05	0	77.47436	22.52564	22.52564	0	-9999	10
1667.66	1668.143	1000.143	124.4	133.36	125.33	127.39	0	84.29723	15.70277	15.70277	0	-9999	10
1667.665	1668.148	1000.148	123.29	137.85	124.23	125.04	0	80.33208	19.66792	19.66792	0	-9999	10
1667.67	1668.153	1000.153	121.4	173.96	123.09	125.44	0	91.55167	8.448327	8.448327	0	-9999	10
1667.675	1668.158	1000.158	120.24	153.89	121.43	124.98	0	75.1786	24.8214	24.8214	0	-9999	10
1667.68	1668.163	1000.163	117.24	168.28	118.59	121.74	0	68.7608	31.2392	31.2392	0	-9999	10
1667.685	1668.167	1000.167	115	126.1	115.67	117.55	0	48.66898	51.33102	51.33102	0	-9999	10
1667.69	1668.172	1000.172	108.05	110.57	109.26	110.94	4.45856	39.25068	56.29076	48.51281	7.777946	-9999	10
1667.695	1668.177	1000.177	96.27	179.5	97.59	102.84	0	26.8559	73.1441	73.1441	0	-9999	10
1667.7	1668.182	1000.182	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1668.005	1668.476	1000.476	91.78	36.89	91	90.92	52.68002	3.039422	44.28056	18.42973	25.85082	34.30694	6
1668.01	1668.481	1000.481	94.54	68.09	94.4	94.75	37.63042	9.653408	52.71617	23.60878	29.10739	32.07701	6
1668.015	1668.486	1000.486	89.63	79	89.5	86.78	39.4299	7.587712	52.98239	19.36395	33.61844	32.56457	6
1668.02	1668.491	1000.491	97.09	57.76	97.78	99.24	31.35178	15.68824	52.95998	28.4227	24.53728	31.38247	6
1668.025	1668.496	1000.496	91.95	177.16	90.58	86.18	23.15078	10.03376	66.81546	43.12783	23.68763	31.59147	6
1668.03	1668.501	1000.501	92.3	81.31	91.41	89.44	42.30448	5.773931	51.92159	19.1681	32.75349	32.80802	6
1668.035	1668.505	1000.505	99.82	30.18	100.29	99.94	37.21954	15.19194	47.58852	25.20439	22.38413	32.17781	6
1668.04	1668.51	1000.51	97.44	31.2	97.85	98.18	39.6273	12.51976	47.85294	22.01012	25.84281	32.39853	6
1668.045	1668.515	1000.515	97.75	21.55	97.69	97.22	45.3199	9.269768	45.41033	16.40876	29.00157	33.38496	6
1668.05	1668.52	1000.52	96.74	37.52	97.29	98.35	37.65686	13.14297	49.20017	30.11289	19.08728	32.03406	6
1668.055	1668.525	1000.525	93.08	40.18	93.94	93.29	37.97784	11.758	50.26416	27.13569	23.12847	32.40628	6
1668.06	1668.53	1000.53	94.09	80.49	97.07	99.17	10.86362	27.19723	61.93915	43.25199	18.68716	31.45661	6
1668.065	1668.534	1000.534	97.18	56.65	99.12	99.76	21.8501	23.60181	54.54809	42.28883	12.25927	31.10705	6
1668.07	1668.539	1000.539	97.5	54.38	98.61	99.06	28.53754	18.51115	52.95131	32.9246	20.02671	31.36791	6
1668.075	1668.544	1000.544	96.05	75.61	96.11	96.94	32.87138	12.30103	54.82759	39.11255	15.71504	31.60013	6
1668.08	1668.549	1000.549	94.23	58.27	95.68	97.65	27.96956	17.17903	54.85141	34.94237	19.90904	31.18228	6
1668.085	1668.554	1000.554	94.03	96.52	96.26	97.59	12.85206	23.87191	63.27603	52.83221	10.44382	31.45173	6

1668.09	1668.559	1000.559	95.43	45.85	96.85	97.39	30.1037	17.47973	52.41657	20.47249	31.94408	31.51909	6
1668.095	1668.563	1000.563	94.19	42.84	95.29	95.76	34.45292	14.19449	51.35259	32.51918	18.83341	31.87012	6
1668.1	1668.568	1000.568	94.69	24.05	95.24	96.29	42.8026	10.42069	46.77671	34.23401	12.5427	32.70233	6
1668.105	1668.573	1000.573	95.08	24.09	95.19	94.39	45.84412	8.371414	45.78447	24.1663	21.61817	33.488	6
1668.11	1668.578	1000.578	95.27	27.16	95.26	95	45.85638	8.07248	46.07114	16.2258	29.84534	33.38403	6
1668.115	1668.583	1000.583	94.39	25.62	94.65	94.94	44.94616	8.753718	46.30012	28.81184	17.48828	33.13673	6
1668.12	1668.587	1000.587	92.98	20.3	93.02	92.56	49.2358	6.308883	44.45532	25.06089	19.39443	33.94719	6
1668.125	1668.592	1000.592	93.79	19.64	94.18	94.88	45.93782	8.565869	45.49631	31.08648	14.40983	33.22706	6
1668.13	1668.597	1000.597	93.57	30.79	94.16	94.41	41.89192	10.16412	47.94396	34.88395	13.06001	32.70668	6
1668.135	1668.602	1000.602	93.8	22.34	93.82	93.67	48.14272	6.888015	44.96926	30.66555	14.30371	33.71716	6
1668.14	1668.607	1000.607	93.91	29.18	93.35	93	50.88124	4.548609	44.57015	23.65946	20.91069	34.19127	6
1668.145	1668.612	1000.612	94.19	26.32	94.16	93.29	47.20826	7.165463	45.62628	16.13949	29.48679	33.6893	6
1668.15	1668.616	1000.616	92.37	34.52	92.87	93.94	42.79076	9.048925	48.16031	27.12909	21.03122	32.638	6
1668.155	1668.621	1000.621	94.26	20.96	94.55	94.77	45.96098	8.497328	45.54169	17.02898	28.51272	33.31783	6
1668.16	1668.626	1000.626	93.85	18.39	93.75	93.69	49.98262	6.055018	43.96236	23.05574	20.90662	34.0335	6
1668.165	1668.631	1000.631	94.34	25.56	93.98	93.82	49.81168	5.537451	44.65087	29.20992	15.44095	34.00169	6
1668.17	1668.636	1000.636	94.83	22.1	94.61	94.61	49.1132	6.32273	44.56407	18.05499	26.50908	33.8806	10
1668.175	1668.641	1000.641	93.26	29.29	93.16	93.38	47.88762	6.418285	45.69409	30.91658	14.77751	33.55607	10
1668.18	1668.645	1000.645	93.09	43.68	92	90.95	52.23414	2.649886	45.11597	16.05106	29.06491	34.4271	10
1668.185	1668.65	1000.65	86.63	33.75	86.37	85.18	54.1479	2.655431	43.19667	29.34057	13.8561	34.54498	10
1668.19	1668.655	1000.655	77.54	24.1	77.19	76.98	65.5435	0	34.4565	10.37332	24.08318	34.52384	10
1668.195	1668.66	1000.66	72.49	22.4	72.04	72.44	71.3759	0	28.6241	18.85864	9.765458	33.52798	10
1668.2	1668.665	1000.665	72.41	40.37	70.96	69.92	74.85076	0	25.14924	18.48667	6.662568	33.67893	10
1668.205	1668.67	1000.67	71.69	45.95	71.61	74.12	63.5453	0	36.4547	8.869578	27.58512	33.64407	10
1668.21	1668.674	1000.674	77.5	32.04	76.52	76.43	68.54132	0	31.45868	23.21165	8.247026	33.88972	10
1668.215	1668.679	1000.679	82.12	44.54	80.79	80.55	63.97842	0	36.02158	11.84256	24.17902	34.21205	10
1668.22	1668.684	1000.684	83.44	48.8	82.16	82.26	61.3456	0	38.6544	9.165413	29.48899	34.56698	10
1668.225	1668.689	1000.689	83.64	53.24	82.21	80.78	61.24962	0	38.75038	9.638315	29.11206	34.66054	10
1668.23	1668.694	1000.694	85.16	42.29	84.24	80.73	58.54862	0.559539	40.89184	27.62158	13.27026	35.57055	10
1668.235	1668.699	1000.699	87.51	68.71	85.51	82.32	58.36298	0	41.63702	27.15777	14.47925	34.42635	10
1668.24	1668.703	1000.703	86.69	65.85	85.08	81.61	56.787	0.335289	42.87771	28.41571	14.462	34.99387	10
1668.245	1668.708	1000.708	84.65	49.02	83.04	81.67	62.73666	0	37.26334	8.704547	28.55879	34.26062	10
1668.25	1668.713	1000.713	83.65	43.65	82.57	81.61	60.8487	0	39.1513	12.40781	26.74349	35.12709	10
1668.255	1668.718	1000.718	84.11	28.76	83.32	82.46	61.78138	0	38.21862	6.547526	31.67109	35.51569	10
1668.26	1668.723	1000.723	84.59	43.88	83.14	81.06	62.79574	0	37.20426	20.73712	16.46714	34.63431	10
1668.265	1668.728	1000.728	86.11	69.2	84.31	80.39	57.9824	0	42.0176	22.97634	19.04126	35.00436	10
1668.27	1668.732	1000.732	87.17	101.06	84.2	81.52	58.36458	0	41.63542	8.242526	33.39289	32.52875	10
1668.275	1668.737	1000.737	85.15	76.91	83.1	81.37	58.93728	0	41.06272	16.97616	24.08656	34.07266	10
1668.28	1668.742	1000.742	82.56	38.09	82.08	80.73	58.54702	0.790734	40.66225	15.74124	24.92101	35.08123	10
1668.285	1668.747	1000.747	83.74	51.48	82.65	82.61	58.94854	0.300395	40.75107	10.93491	29.81616	34.76739	10
1668.29	1668.752	1000.752	86.3	114.55	83.59	83.08	53.8854	0.156339	45.95826	17.19029	28.76797	33.18284	10
1668.295	1668.757	1000.757	86.29	118.8	83.37	80.8	54.4936	0	45.5064	23.89841	21.60799	33.3391	10
1668.3	1668.761	1000.761	88.36	132.77	85.26	81.11	50.60346	0.148357	49.24818	12.09558	37.15261	33.31825	10
1668.305	1668.766	1000.766	86.23	65.17	84.71	82.84	56.67726	0.485725	42.83701	25.7594	17.07761	34.65143	10
1668.31	1668.771	1000.771	86.76	50.92	85.49	85.27	57.70066	0.452878	41.84646	29.41503	12.43143	34.78218	10
1668.315	1668.776	1000.776	86.84	42.24	86.22	84	54.69012	2.074497	43.23538	19.16712	24.06827	34.72518	10
1668.32	1668.781	1000.781	85.52	60.13	84.9	84.21	51.57514	2.820727	45.60413	14.93876	30.66537	33.61851	10
1668.325	1668.785	1000.785	86.48	101.42	85.59	84.51	42.79226	5.039396	52.16834	20.3577	31.81064	32.11733	10
1668.33	1668.79	1000.79	85.29	106.51	84.28	83.2	43.58528	4.651597	51.76312	29.25175	22.51138	32.03851	10
1668.335	1668.795	1000.795	86.36	132.81	85.27	82.49	36.85628	6.465583	56.67814	28.59802	28.08012	31.57268	10
1668.34	1668.8	1000.8	93.64	124.85	92.61	91.68	31.62	8.625632	59.75437	32.97744	26.77693	31.54937	10
1668.345	1668.805	1000.805	93.72	109.27	91.83	87.61	41.98176	3.628106	54.39013	32.46363	21.92651	33.07273	10
1668.35	1668.81	1000.81	93.43	117.84	92	90.51	36.60962	6.221906	57.16847	25.96475	31.20372	31.98259	10
1668.355	1668.814	1000.814	90.22	113.62	87.72	85.55	48.87656	0.955557	50.16788	29.25764	20.91024	33.16825	10
1668.36	1668.819	1000.819	89.59	136.09	86.33	80	49.90842	0	50.09158	16.95728	33.1343	33.40378	10
1668.365	1668.824	1000.824	89.06	124.74	85.53	80.35	55.23522	0	44.76478	16.04267	28.72211	31.86382	10
1668.37	1668.829	1000.829	90.87	136.25	88	81.53	45.6696	1.129416	53.20098	26.51237	26.68861	33.35211	10
1668.375	1668.834	1000.834	90.9	138.29	87.54	81.61	48.94582	0	51.05418	29.13201	21.92217	32.89842	10
1668.38	1668.839	1000.839	90.24	158.8	87.55	79.76	39.3971	3.308655	57.29424	32.52694	24.7673	32.65075	10
1668.385	1668.843	1000.843	90.75	180.53	88.23	78.78	32.35174	5.430847	62.21741	35.15137	27.06604	32.39563	10
1668.39	1668.848	1000.848	91.09	158.7	88.89	82.44	34.8418	5.219507	59.93869	36.79063	23.14806	32.21482	10
1668.395	1668.853	1000.853	93.14	138.53	91.76	91.82	31.48194	7.753566	60.76449	40.79644	19.96805	31.23018	10
1668.4	1668.858	1000.858	94.65	156.36	92.53	87.39	31.51288	5.924401	62.56272	41.81584	20.74688	32.19419	10
1668.405	1668.863	1000.863	96.98	152.58	95.54	89.33	25.01404	9.729702	65.25626	31.79097	33.46529	32.42879	10
1668.41	1668.868	1000.868	98.61	147.62	97.57	89.33	21.61476	12.415	65.97024	47.1394	18.83084	32.88489	10
1668.415	1668.872	1000.872	99.13	142.43	98.04	96.68	22.77984	12.03076	65.1894	30.54671	34.6427	31.65118	10
1668.42	1668.877	1000.877	98.84	134.69	97.61	93.11	26.00472	10.5091	63.48618	29.46682	34.01936	32.28619	10
1668.425	1668.882	1000.882	100.45	142.56	99.92	95.15	17.19398	16.49711	66.30891	54.25377	12.05513	32.32466	10
1668.43	1668.887	1000.887	98.38	104.35	97.68	95.92	29.6627	11.41981	58.91749	26.6662	32.25129	31.91066	10
1668.435	1668.892	1000.892	95.47	81.78	94.41	90.83	40.59184	6.349289	53.05887	19.9661	33.09277	33.0919	10
1668.44	1668.897	1000.897	96.27	98.02	94.45	90.62	41.81576	3.807657	54.37658	27.62732	26.74926	33.276	10
1668.445	1668.901	1000.901	95.42	84.57	93.96	90.74	43.06266	4.480691	52.45665	28.48742	23.96923	33.31119	10
1668.45	1668.906	1000.906	94.8	86.44	93.57	88.05	41.39802	5.529714	53.07227	22.15462	30.91765	33.478	10

1668.455	1668.911	1000.911	94.37	88.12	93.47	91.57	38.82956	7.087947	54.08249	21.48938	32.59311	32.50001	10
1668.46	1668.916	1000.916	93.54	62.55	93.02	90.98	42.8361	6.79919	50.36471	21.65247	28.71223	33.07362	10
1668.465	1668.921	1000.921	94.75	68.3	93.94	92.89	42.5789	6.377229	51.04387	31.3256	19.71827	32.88454	10
1668.47	1668.926	1000.926	94.73	57.75	94.31	94.17	42.1279	7.634887	50.23721	22.3715	27.86571	32.70744	10
1668.475	1668.93	1000.93	95.7	64.84	95.14	94.21	40.60472	7.946138	51.44914	19.0518	32.39734	32.67806	10
1668.48	1668.935	1000.935	95.07	76.25	94.59	93.66	37.8031	8.772539	53.42436	25.50223	27.92213	32.3098	10
1668.485	1668.94	1000.94	94.19	96.96	93.74	92.51	33.36838	9.819355	56.81226	35.79353	21.01874	31.88582	10
1668.49	1668.945	1000.945	92.03	93.34	91.86	92.84	34.06162	9.681609	56.25677	39.91787	16.3389	31.46336	10
1668.495	1668.95	1000.95	91.97	60.36	91.85	90.91	41.71048	7.647694	50.64183	23.34862	27.29321	32.69609	10
1668.5	1668.955	1000.955	92.63	79.51	92.71	93.57	34.91898	10.27017	54.81085	29.45007	25.36079	31.65163	10
1668.505	1668.959	1000.959	94.64	103.63	94.61	94.72	28.08524	12.68855	59.22621	34.40698	24.81923	31.37912	10
1668.51	1668.964	1000.964	101.46	126.54	101.39	102.43	16.57662	19.507	63.91638	48.75044	15.16595	31.17777	-9999
1668.515	1668.969	1000.969	107.36	141.87	107.35	107.72	6.97376	27.63872	65.38752	61.54447	3.843052	-9999	-9999
1668.52	1668.974	1000.974	112.03	158.95	111.9	110.78	0	34.15986	65.84014	65.84014	0	-9999	-9999
1668.525	1668.979	1000.979	119.09	226.15	120.11	120.2	0	72.80992	27.19008	27.19008	0	-9999	-9999
1668.53	1668.983	1000.983	121.64	168.61	120.96	123.09	0	43.36736	56.63264	56.63264	0	-9999	-9999
1668.535	1668.988	1000.988	120.4	174.37	120.55	126.68	0	56.82694	43.17306	43.17306	0	-9999	-9999
1668.54	1668.993	1000.993	118.49	167.54	119.03	118.5	0	58.34663	41.65337	41.65337	0	-9999	-9999
1668.545	1668.998	1000.998	118.58	151.27	119.35	122.57	0	61.59582	38.40418	38.40418	0	-9999	-9999
1668.55	1669.003	1001.003	118.8	149.4	119.17	120.02	0	54.94905	45.05095	45.05095	0	-9999	-9999
1668.555	1669.008	1001.008	124.01	111.12	124.43	124.06	0	69.25051	30.74949	30.74949	0	-9999	-9999
1668.56	1669.012	1001.012	125.69	101.97	126.29	126.94	0	79.28948	20.71052	20.71052	0	-9999	-9999
1668.565	1669.017	1001.017	126.28	99.52	127.13	127.41	0	88.10247	11.89753	11.89753	0	-9999	-9999
1668.57	1669.022	1001.022	126.48	113.75	127.35	127.67	0	90.49588	9.504116	9.504116	0	-9999	-9999
1668.575	1669.027	1001.027	128.04	94.89	128.69	128.12	0	90.26472	9.735275	9.735275	0	-9999	-9999
1668.58	1669.032	1001.032	127.86	86.3	128.33	129.11	0	83.78389	16.21611	16.21611	0	-9999	-9999
1668.585	1669.037	1001.037	129.25	93.9	130.04	131.41	0	100	0	0	0	-9999	-9999
1668.59	1669.041	1001.041	130.93	97.81	131.86	134.41	0	100	0	0	0	-9999	-9999
1668.595	1669.046	1001.046	130.81	85.71	131.7	133.78	0	100	0	0	0	-9999	-9999
1668.6	1669.051	1001.051	130.31	94	131.45	133.53	0	100	0	0	0	-9999	-9999
1668.605	1669.056	1001.056	130.11	98.26	131.14	132.47	0	100	0	0	0	-9999	-9999
1668.61	1669.061	1001.061	129.13	115.75	130.46	132.96	0	100	0	0	0	-9999	-9999
1668.615	1669.066	1001.066	129.8	123.28	130.68	130.18	0	100	0	0	0	-9999	-9999
1668.62	1669.07	1001.07	130.53	127.11	131.27	132.47	0	100	0	0	0	-9999	-9999
1668.625	1669.075	1001.075	130.42	150.44	132.24	135.26	0	100	0	0	0	-9999	-9999
1668.63	1669.08	1001.08	129.24	173.73	131.31	135.27	0	100	0	0	0	-9999	-9999
1668.635	1669.085	1001.085	128.89	174.51	131.06	133.92	0	100	0	0	0	-9999	-9999
1668.64	1669.09	1001.09	129.35	178.33	131.24	134.59	0	100	0	0	0	-9999	-9999
1668.645	1669.095	1001.095	128.65	168.21	130.65	129.14	0	100	0	0	0	-9999	-9999
1668.65	1669.099	1001.099	127.35	164.94	128.98	129.06	0	100	0	0	0	-9999	-9999
1668.655	1669.104	1001.104	126.64	194.63	128.67	134.18	0	100	0	0	0	-9999	-9999
1668.66	1669.109	1001.109	125.19	181.8	126.04	123.16	0	88.91526	11.08474	11.08474	0	-9999	-9999
1668.665	1669.114	1001.114	122.36	164.41	123.1	121.82	0	74.18816	25.81184	25.81184	0	-9999	-9999
1668.67	1669.119	1001.119	120.55	183.83	121.59	119	0	75.31786	24.68214	24.68214	0	-9999	-9999
1668.675	1669.124	1001.124	117.34	116.53	118	115.9	0	53.83266	46.16734	46.16734	0	-9999	-9999
1668.68	1669.128	1001.128	113.2	95.66	113.08	111.41	13.63628	31.91231	54.45141	32.82491	21.6265	30.61409	-9999
1668.685	1669.133	1001.133	113.03	86.48	112.89	111.17	16.16924	30.74981	53.08095	39.10018	13.98077	30.56935	-9999
1668.69	1669.138	1001.138	111.42	91.97	111.77	110.08	12.52436	34.51433	52.96131	32.42149	20.53982	30.51067	-9999
1668.695	1669.143	1001.143	109.14	80.85	109.14	110.83	20.0255	26.05334	53.92116	27.07088	26.85028	30.3538	-9999
1668.7	1669.148	1001.148	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1669.04	1669.476	1001.476	125.32	130.31	125.16	123.47	0	61.16256	38.83744	38.83744	0	-9999	-9999
1669.045	1669.481	1001.481	127.68	126.25	128.15	129	0	85.71035	14.28965	14.28965	0	-9999	-9999
1669.05	1669.486	1001.486	128.9	121.07	129.61	130.29	0	97.86173	2.138272	2.138272	0	-9999	-9999
1669.055	1669.491	1001.491	129.05	119.07	129.65	130.94	0	95.15302	4.846979	4.846979	0	-9999	-9999
1669.06	1669.495	1001.495	129.7	112.06	130.44	132.11	0	100	0	0	0	-9999	-9999
1669.065	1669.5	1001.5	131.14	118.21	131.86	131.43	0	100	0	0	0	-9999	-9999
1669.07	1669.505	1001.505	131.62	132.09	132.51	133.29	0	100	0	0	0	-9999	-9999
1669.075	1669.51	1001.51	132.76	137.8	133.91	136.78	0	100	0	0	0	-9999	-9999
1669.08	1669.515	1001.515	131.46	118.47	132.41	133.12	0	100	0	0	0	-9999	-9999
1669.085	1669.519	1001.519	129.91	134.22	130.71	130.59	0	100	0	0	0	-9999	-9999
1669.09	1669.524	1001.524	129.48	125.95	130.05	130.67	0	96.76567	3.234329	3.234329	0	-9999	-9999
1669.095	1669.529	1001.529	126.22	122.26	126.63	127.82	0	77.89376	22.10624	22.10624	0	-9999	-9999
1669.1	1669.534	1001.534	121.36	136.52	121.9	122.82	0	64.74547	35.25453	35.25453	0	-9999	-9999
1669.105	1669.539	1001.539	120.89	142.24	120.91	119.89	0	53.44658	46.55342	46.55342	0	-9999	-9999
1669.11	1669.544	1001.544	125.34	104.45	125.69	128	0	71.87054	28.12946	28.12946	0	-9999	-9999
1669.115	1669.548	1001.548	126.01	109.84	126.48	127.33	0	77.77832	22.22168	22.22168	0	-9999	-9999
1669.12	1669.553	1001.553	124.6	128.84	125.04	126.09	0	73.01113	26.98887	26.98887	0	-9999	-9999
1669.125	1669.558	1001.558	125.37	95.57	126.04	125.63	0	79.33136	20.66864	20.66864	0	-9999	-9999
1669.13	1669.563	1001.563	120.34	90.73	120.11	118.23	9.11304	43.87925	47.00771	43.37922	3.628499	29.20576	-9999
1669.135	1669.568	1001.568	114.94	105.01	113.83	110.11	17.44528	21.77967	60.77505	37.0254	23.74966	31.80489	-9999
1669.14	1669.573	1001.573	112.2	176.28	109.74	102.38	13.18124	8.202026	78.61673	55.16542	23.45131	34.18287	-9999
1669.145	1669.577	1001.577	109.12	190.94	105.76	100.39	19.44212	0.213425	80.34445	41.49032	38.85414	33.91314	-9999
1669.15	1669.582	1001.582	110.67	228.15	106.99	102.73	11.4913	0	88.5087	63.23114	25.27756	33.38914	-9999

1669.155	1669.587	1001.587	112.93	189.42	110.02	106.94	12.81726	4.132428	83.05031	66.47532	16.57499	33.86492	-9999
1669.16	1669.592	1001.592	115.87	97.07	115.35	111	13.93866	30.85613	55.20521	34.84316	20.36206	31.08749	-9999
1669.165	1669.597	1001.597	122.53	72.59	122.7	122.69	8.38812	56.34288	35.269	18.46092	16.80808	27.06498	-9999
1669.17	1669.602	1001.602	124.55	72.07	124.74	126.41	6.50056	63.09435	30.40509	25.84956	4.55553	-9999	-9999
1669.175	1669.606	1001.606	120.11	73.18	120	119.18	12.64174	44.38689	42.97137	30.55529	12.41609	28.58245	-9999
1669.18	1669.611	1001.611	123.13	72.95	123.22	124.96	8.369	56.43384	35.19716	30.838	4.359164	26.66081	-9999
1669.185	1669.616	1001.616	122.56	90.69	122.63	122.84	4.75532	55.5366	39.70808	39.70808	0	-9999	-9999
1669.19	1669.621	1001.621	123.43	87.63	123.74	123.86	2.83544	63.20871	33.95585	33.95585	0	-9999	-9999
1669.195	1669.626	1001.626	123.27	85.54	123.48	123.7	4.26342	60.33818	35.3984	31.73624	3.662157	-9999	-9999
1669.2	1669.631	1001.631	122.76	80.49	122.98	122.98	5.87722	58.63696	35.48582	35.12276	0.363058	-9999	-9999
1669.205	1669.635	1001.635	123.44	65.92	123.61	123.33	9.16506	58.65979	32.17515	27.78375	4.391402	26.59121	-9999
1669.21	1669.64	1001.64	124.25	56.58	124.46	125.39	10.37014	61.52538	28.10448	16.54609	11.55839	25.72462	-9999
1669.215	1669.645	1001.645	128.1	49.83	128.25	129.04	8.92664	73.33679	17.73657	5.88254	11.85403	23.6558	-9999
1669.22	1669.65	1001.65	129	62.62	129.16	129.31	4.92596	78.08173	16.99231	16.92273	0.069581	-9999	-9999
1669.225	1669.655	1001.655	129.96	82.39	130.24	129.28	0	87.13779	12.86221	12.86221	0	-9999	-9999
1669.23	1669.66	1001.66	133.56	80.64	133.81	134.86	0	100	0	0	0	-9999	-9999
1669.235	1669.664	1001.664	132.26	86.59	132.63	132.59	0	100	0	0	0	-9999	-9999
1669.24	1669.669	1001.669	133.47	107.76	134.19	134.15	0	100	0	0	0	-9999	-9999
1669.245	1669.674	1001.674	133.45	110.51	134.18	134.88	0	100	0	0	0	-9999	-9999
1669.25	1669.679	1001.679	134.44	109.9	135.16	137.12	0	100	0	0	0	-9999	-9999
1669.255	1669.684	1001.684	135.04	114.3	135.91	136.33	0	100	0	0	0	-9999	-9999
1669.26	1669.689	1001.689	131.56	108.92	132.45	133.06	0	100	0	0	0	-9999	-9999
1669.265	1669.693	1001.693	132.4	88.21	133.04	134.9	0	100	0	0	0	-9999	-9999
1669.27	1669.698	1001.698	132.02	98.35	132.46	133.78	0	100	0	0	0	-9999	-9999
1669.275	1669.703	1001.703	132.24	96.12	132.98	133.98	0	100	0	0	0	-9999	-9999
1669.28	1669.708	1001.708	129.19	86.3	129.43	129.2	0	82.83049	17.16951	17.16951	0	-9999	-9999
1669.285	1669.713	1001.713	130.37	89.46	130.95	131.89	0	99.00316	0.996839	0.996839	0	-9999	-9999
1669.29	1669.717	1001.717	132	82.93	132.45	133.57	0	100	0	0	0	-9999	-9999
1669.295	1669.722	1001.722	132.49	81.78	132.9	134.14	0	100	0	0	0	-9999	-9999
1669.3	1669.727	1001.727	132.17	88.31	132.85	133.5	0	100	0	0	0	-9999	-9999
1669.305	1669.732	1001.732	130.18	114.5	131.06	133.38	0	100	0	0	0	-9999	-9999
1669.31	1669.737	1001.737	126.9	126.42	127.45	128.16	0	84.60916	15.39084	15.39084	0	-9999	-9999
1669.315	1669.742	1001.742	123.77	126.68	123.89	122.56	0	62.67001	37.32999	37.32999	0	-9999	-9999
1669.32	1669.746	1001.746	121.17	97.86	121.43	121.29	2.82648	55.92691	41.24661	41.24661	0	-9999	-9999
1669.325	1669.751	1001.751	120.4	100.31	120.33	120.47	5.49948	47.66342	46.8371	46.8371	0	-9999	-9999
1669.33	1669.756	1001.756	121.14	106.62	121.02	120.5	3.67916	48.95672	47.36412	47.36412	0	-9999	-9999
1669.335	1669.761	1001.761	122.38	123.04	122.57	122.29	0	59.72502	40.27498	40.27498	0	-9999	-9999
1669.34	1669.766	1001.766	120.09	114.29	119.98	119.24	2.71152	47.11439	50.17409	49.40913	0.764959	-9999	-9999
1669.345	1669.771	1001.771	118.42	110.98	118.61	117.83	2.72394	48.23738	49.03868	48.35859	0.680092	-9999	-9999
1669.35	1669.775	1001.775	120.86	109.84	121.29	122.53	0	59.19739	40.80261	40.80261	0	-9999	-9999
1669.355	1669.78	1001.78	121.14	96.51	121.71	121.24	0.77828	61.95445	37.26727	37.26727	0	-9999	-9999
1669.36	1669.785	1001.785	118.35	93.74	118.63	117.94	6.26292	48.4561	45.28098	45.28098	0	-9999	-9999
1669.365	1669.79	1001.79	118.84	98.33	118.96	118	5.94134	47.18531	46.87335	46.87335	0	-9999	-9999
1669.37	1669.795	1001.795	119.17	99.53	119.29	118.94	5.34734	48.074	46.57866	43.7976	2.781066	-9999	-9999
1669.375	1669.8	1001.8	116.75	88.47	116.87	118.22	10.25026	41.70257	48.04717	44.52683	3.52034	29.03177	-9999
1669.38	1669.804	1001.804	116.05	77.6	116.31	117.24	12.4398	41.61287	45.94733	40.75011	5.197214	28.94565	-9999
1669.385	1669.809	1001.809	115.14	62.06	115.29	115.35	17.89018	36.97616	45.13366	30.99453	14.13913	29.30978	-9999
1669.39	1669.814	1001.814	114.39	44.8	114.46	114	23.3771	33.18469	43.43821	15.46386	27.97435	29.68826	-9999
1669.395	1669.819	1001.819	114.05	41.1	114.16	113.65	24.2753	32.84427	42.88043	21.31118	21.56925	29.74176	-9999
1669.4	1669.824	1001.824	118.82	68.76	119.06	119.71	12.18568	47.25453	40.55979	29.52952	11.03027	28.09651	-9999
1669.405	1669.829	1001.829	119.48	83.53	119.92	121.17	6.45414	53.61991	39.92595	39.92595	0	-9999	-9999
1669.41	1669.833	1001.833	120.64	85.79	121.2	122.06	3.91002	59.46783	36.62215	36.62215	0	-9999	-9999
1669.415	1669.838	1001.838	121.44	84.96	121.63	121.94	6.24238	54.4265	39.33112	38.02631	1.304812	-9999	-9999
1669.42	1669.843	1001.843	122.03	85.86	122.31	122	4.78428	58.05098	37.16474	37.16474	0	-9999	-9999
1669.425	1669.848	1001.848	122.66	83.31	122.92	123.12	4.97678	59.37833	35.64489	35.64489	0	-9999	-9999
1669.43	1669.853	1001.853	123.44	87.39	123.76	123.96	2.80682	63.44859	33.74459	33.74459	0	-9999	-9999
1669.435	1669.858	1001.858	124.17	92.54	124.54	124.48	0.50142	67.39333	32.10525	32.10525	0	-9999	-9999
1669.44	1669.862	1001.862	125.11	91.41	125.78	127.61	0	78.00592	21.99408	21.99408	0	-9999	-9999
1669.445	1669.867	1001.867	125.71	83.18	126	126.24	1.96974	70.29252	27.73774	27.73774	0	-9999	-9999
1669.45	1669.872	1001.872	125.34	85.68	125.83	125.69	0.15514	74.06125	25.78361	25.78361	0	-9999	-9999
1669.455	1669.877	1001.877	125.52	77.02	126.02	126.59	2.00776	74.41644	23.5758	23.5758	0	-9999	-9999
1669.46	1669.882	1001.882	122.46	79.31	122.82	123.35	5.35378	60.62067	34.02555	23.16237	10.86318	-9999	-9999
1669.465	1669.886	1001.886	124.47	83.61	124.94	126.31	1.61148	70.20022	28.1883	28.1883	0	-9999	-9999
1669.47	1669.891	1001.891	125.42	77.49	125.92	126.49	1.98602	74.06304	23.95094	23.95094	0	-9999	-9999
1669.475	1669.896	1001.896	125.09	90.39	125.86	127.88	0	80.33323	19.66677	19.66677	0	-9999	-9999
1669.48	1669.901	1001.901	125.55	91.27	125.89	125.39	0	71.50088	28.49912	28.49912	0	-9999	-9999
1669.485	1669.906	1001.906	125.36	99.56	125.55	126.72	0	67.68728	32.31272	32.31272	0	-9999	-9999
1669.49	1669.911	1001.911	125.98	77.06	126.65	127	0.25738	80.58679	19.15583	19.15583	0	-9999	-9999
1669.495	1669.915	1001.915	128.08	66.78	128.59	128.83	2.05314	84.55398	13.39288	13.39288	0	-9999	-9999
1669.5	1669.92	1001.92	128.69	67.27	129.21	129.31	1.29586	87.60725	11.09689	11.09689	0	-9999	-9999
1669.505	1669.925	1001.925	128.24	84.6	128.52	128.09	0	79.90535	20.09465	20.09465	0	-9999	-9999
1669.51	1669.93	1001.93	129.32	91.63	129.65	131.65	0	86.43857	13.56143	13.56143	0	-9999	-9999
1669.515	1669.935	1001.935	126.61	89.42	127	127.47	0	76.68011	23.31989	23.31989	0	-9999	-9999

1669.52	1669.94	1001.94	128.45	110.79	129.18	131.41	0	95.58014	4.419864	4.419864	0	-9999	-9999
1669.525	1669.944	1001.944	129.44	93.97	129.68	129.61	0	84.41745	15.58255	15.58255	0	-9999	-9999
1669.53	1669.949	1001.949	130.01	114.97	130.67	129.47	0	100	0	0	0	-9999	-9999
1669.535	1669.954	1001.954	130.43	102.53	130.86	131.24	0	95.39005	4.609952	4.609952	0	-9999	-9999
1669.54	1669.959	1001.959	130.29	108.9	130.76	131.69	0	96.41433	3.585673	3.585673	0	-9999	-9999
1669.545	1669.964	1001.964	130.51	89.42	130.72	131.43	0	87.89053	12.10947	12.10947	0	-9999	-9999
1669.55	1669.969	1001.969	129.14	104.56	129.67	130.33	0	92.49677	7.503229	7.503229	0	-9999	-9999
1669.555	1669.973	1001.973	129.24	106.3	129.94	132.12	0	98.23521	1.76479	1.76479	0	-9999	-9999
1669.56	1669.978	1001.978	129.38	106.76	130.24	130.65	0	100	0	0	0	-9999	-9999
1669.565	1669.983	1001.983	127.7	102.83	128.46	129.5	0	92.35314	7.64686	7.64686	0	-9999	-9999
1669.57	1669.988	1001.988	126.9	84.49	127.23	128.82	0.24792	75.89871	23.85337	23.85337	0	-9999	-9999
1669.575	1669.993	1001.993	127.92	85.71	128.35	128.41	0	82.8767	17.1233	17.1233	0	-9999	-9999
1669.58	1669.998	1001.998	128.29	79.45	128.74	128.5	0	84.61603	15.38397	15.38397	0	-9999	-9999
1669.585	1670.002	1002.002	128.08	74.52	128.49	129.35	0.95506	82.23836	16.80658	16.80658	0	-9999	-9999
1669.59	1670.007	1002.007	128.46	88.58	129.16	129.59	0	93.25014	6.749863	6.749863	0	-9999	-9999
1669.595	1670.012	1002.012	127.48	94.23	128.05	129.44	0	85.46384	14.53616	14.53616	0	-9999	-9999
1669.6	1670.017	1002.017	127.01	197.63	128.7	129.2	0	100	0	0	0	-9999	-9999
1669.605	1670.022	1002.022	128.37	101.08	129.12	128.76	0	95.1251	4.874904	4.874904	0	-9999	-9999
1669.61	1670.027	1002.027	126.76	111.45	127.72	129.11	0	94.06717	5.932826	5.932826	0	-9999	-9999
1669.615	1670.031	1002.031	124.85	106.51	124.71	124.94	0.44758	58.62244	40.92998	40.92998	0	-9999	-9999
1669.62	1670.036	1002.036	123.81	102.99	123.14	121.12	6.36372	43.73722	49.89906	42.37691	7.522153	-9999	-9999
1669.625	1670.041	1002.041	122.48	78.34	122.52	121.17	8.05012	53.84318	38.1067	21.68303	16.42367	27.69672	-9999
1669.63	1670.046	1002.046	119.55	59.5	119.88	119.24	13.0575	50.16386	36.77864	28.66145	8.117189	27.80555	-9999
1669.635	1670.051	1002.051	118.73	42.27	118.96	119.53	18.75656	45.06337	36.18007	16.79381	19.38626	27.90011	-9999
1669.64	1670.056	1002.056	122.43	41.14	122.76	122.78	14.85102	57.31116	27.83782	18.17913	9.658682	26.26108	-9999
1669.645	1670.06	1002.06	123	35.33	123.16	122.37	17.05014	55.02436	27.9255	17.19706	10.72844	26.48918	-9999
1669.65	1670.065	1002.065	123.42	43.4	124.2	126.04	9.9058	70.80228	19.29192	4.979159	14.31276	24.43372	-9999
1669.655	1670.07	1002.07	122.01	46.24	122.61	122.87	11.91072	62.01425	26.07503	13.40295	12.67208	25.90062	-9999
1669.66	1670.075	1002.075	121.45	38.31	122	123.2	14.73248	58.60742	26.6601	3.119502	23.54059	25.99491	-9999
1669.665	1670.08	1002.08	121.14	39.13	121.47	123.92	16.52424	53.26936	30.2064	6.221822	23.98458	26.37827	-9999
1669.67	1670.084	1002.084	118.13	44.74	118.61	120.72	16.77332	48.03781	35.18887	15.53487	19.654	27.40863	-9999
1669.675	1670.089	1002.089	114.74	44.47	115.78	116	15.61746	48.03407	36.34847	19.5299	16.81857	28.13927	-9999
1669.68	1670.094	1002.094	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1670.035	1670.437	1002.437	108.2	98.3	108.17	106.95	16.8999	25.61059	57.48951	37.24332	20.24618	31.08415	-9999
1670.04	1670.442	1002.442	109.98	85.04	109.53	107.64	21.72622	22.5701	55.70368	27.73892	27.96477	31.27077	-9999
1670.045	1670.447	1002.447	112.15	122.6	110.96	108.61	16.3753	19.06782	64.55688	40.60026	23.95661	31.92566	-9999
1670.05	1670.451	1002.451	112.04	104.72	111.21	110.9	18.01346	22.01488	59.97166	45.0506	14.92106	31.15113	-9999
1670.055	1670.456	1002.456	109.03	104.13	108.14	106.14	21.39044	18.15399	60.45557	38.84407	21.61149	31.71549	-9999
1670.06	1670.461	1002.461	109.9	103.43	109.67	111.22	15.64444	26.12945	58.22611	34.04646	24.17966	30.56537	-9999
1670.065	1670.466	1002.466	110.66	87.99	110.08	108.21	21.39422	22.15725	56.44853	29.46319	26.98534	31.30712	-9999
1670.07	1670.471	1002.471	112.52	85.85	112.37	111.09	16.8684	29.75216	53.37944	24.81628	28.56317	30.56092	-9999
1670.075	1670.476	1002.476	113.47	96.58	113.61	111.98	11.15024	35.90428	52.94548	35.70771	17.23776	30.36547	-9999
1670.08	1670.48	1002.48	111.09	91.09	110.82	109.8	17.84592	26.49229	55.66179	36.15383	19.50796	30.8458	-9999
1670.085	1670.485	1002.485	112.06	86.73	111.74	110.39	18.39614	26.99317	54.61069	28.89309	25.71761	30.8004	-9999
1670.09	1670.49	1002.49	113.13	79.41	112.89	110.94	18.56318	29.13657	52.30025	29.4145	22.88575	30.63581	-9999
1670.095	1670.495	1002.495	111.71	96.65	111.94	110.74	12.055	33.871	54.074	30.57316	23.50084	30.50647	-9999
1670.1	1670.5	1002.5	111.32	91.96	111.69	111.11	12.46378	34.57689	52.95933	41.19059	11.76874	30.29759	-9999
1670.105	1670.505	1002.505	112.97	106.97	113.04	110.92	9.63836	34.7657	55.59594	42.39758	13.19836	30.76789	-9999
1670.11	1670.509	1002.509	112.44	91.51	112.59	112.27	13.24728	33.81327	52.93945	41.39137	11.54808	30.20994	-9999
1670.115	1670.514	1002.514	110.41	105.78	109.98	108.27	16.15654	24.73396	59.1095	29.90537	29.20413	31.26124	-9999
1670.12	1670.519	1002.519	110.82	134.23	110.41	110.05	8.73944	27.41359	63.84697	60.67225	3.174722	31.39462	-9999
1670.125	1670.524	1002.524	112.86	135.13	113.23	112.57	0.59984	40.40196	58.9982	58.9982	0	-9999	-9999
1670.13	1670.529	1002.529	118.91	197.99	119.2	118.33	0	57.09428	42.90572	42.90572	0	-9999	-9999
1670.135	1670.534	1002.534	117.68	152.68	117.74	116.5	0	47.12443	52.87557	52.87557	0	-9999	-9999
1670.14	1670.538	1002.538	119.63	128.96	119.49	117.45	0	46.48492	53.51508	53.51508	0	-9999	-9999
1670.145	1670.543	1002.543	119.4	158.92	119.9	120.9	0	59.5891	40.4109	40.4109	0	-9999	-9999
1670.15	1670.548	1002.548	116.9	98.04	117.31	117.63	5.54882	47.33813	47.11305	47.11305	0	-9999	-9999
1670.155	1670.553	1002.553	115.84	107.25	116.41	117.29	3.0552	47.91094	49.03386	47.777	1.256867	-9999	-9999
1670.16	1670.558	1002.558	116.22	90.49	116.52	116.66	8.85402	43.48352	47.66246	47.49141	0.171042	29.22932	-9999
1670.165	1670.563	1002.563	116.32	76.13	116.42	115.53	13.78714	39.62964	46.58322	36.88223	9.700989	29.37571	-9999
1670.17	1670.567	1002.567	117.44	119.16	118.1	117.53	0	54.2807	45.7193	45.7193	0	-9999	-9999
1670.175	1670.572	1002.572	111.39	105.89	111.57	111.65	10.50082	33.32546	56.17372	36.16698	20.00674	30.49424	-9999
1670.18	1670.577	1002.577	115.19	98.29	115.67	118.7	6.51902	44.40458	49.0764	49.0764	0	-9999	-9999
1670.185	1670.582	1002.582	116.13	125.12	117.14	120.86	0	56.81293	43.18707	43.18707	0	-9999	-9999
1670.19	1670.587	1002.587	115.5	120.02	115.67	114.51	3.37766	41.92738	54.69496	51.85684	2.838125	-9999	-9999
1670.195	1670.592	1002.592	114.05	119.26	114.39	115.3	3.57808	41.31891	55.10301	50.4872	4.615805	-9999	-9999
1670.2	1670.596	1002.596	113.67	102.18	114.01	114.25	8.06104	39.38931	52.54965	45.35729	7.192368	29.95843	-9999
1670.205	1670.601	1002.601	114.64	88.03	115.04	113.31	10.12794	41.31217	48.55989	46.97535	1.584542	29.79846	-9999
1670.21	1670.606	1002.606	116.64	73.23	116.88	115.55	13.10954	42.32944	44.56102	38.20049	6.360525	29.16395	-9999
1670.215	1670.611	1002.611	118.37	93.78	118.72	118.49	5.69234	49.72268	44.58498	42.70699	1.877991	-9999	-9999
1670.22	1670.616	1002.616	119.56	110.57	120.03	119.29	0	56.22542	43.77458	43.77458	0	-9999	-9999
1670.225	1670.621	1002.621	117.81	126.58	118.27	117.3	0	52.38065	47.61935	47.61935	0	-9999	-9999
1670.23	1670.625	1002.625	118.02	134.06	118.95	120.47	0	61.59446	38.40554	38.40554	0	-9999	-9999

1670.235	1670.63	1002.63	117.91	129.29	118.6	120.84	0	56.77172	43.22828	43.22828	0	-9999	-9999
1670.24	1670.635	1002.635	119.95	126.19	120.96	121.68	0	68.74819	31.25181	31.25181	0	-9999	-9999
1670.245	1670.64	1002.64	119.21	128.58	119.35	121.61	0	50.49201	49.50799	49.50799	0	-9999	-9999
1670.25	1670.645	1002.645	118.66	135.94	119.08	117	0	54.55488	45.44512	45.44512	0	-9999	-9999
1670.255	1670.649	1002.649	117.93	112.47	118.38	117.93	0.79916	51.56937	47.63147	47.63147	0	-9999	-9999
1670.26	1670.654	1002.654	115.05	110.25	115.18	114.88	6.466	39.75467	53.77933	47.39998	6.379348	-9999	-9999
1670.265	1670.659	1002.659	112.03	97.13	112	110.9	13.65944	31.22517	55.11539	33.12072	21.99468	30.61523	-9999
1670.27	1670.664	1002.664	115.04	93.75	115.21	115.17	10.1582	39.20313	50.63867	47.13936	3.499306	29.70507	-9999
1670.275	1670.669	1002.669	113.24	89.68	113.68	114.82	10.70664	39.03092	50.26244	39.76123	10.50121	29.55775	-9999
1670.28	1670.674	1002.674	112.79	95.59	112.8	112.59	13.02292	32.90277	54.07431	35.20383	18.87048	30.29169	-9999
1670.285	1670.678	1002.678	109.63	95.9	109.57	112.61	16.3976	27.11794	56.48446	34.34213	22.14233	30.15085	-9999
1670.29	1670.683	1002.683	111.63	103.05	111.9	113.29	10.2698	34.65543	55.07477	37.04009	18.03469	30.12398	-9999
1670.295	1670.688	1002.688	112.89	92.96	112.82	113.24	14.18738	31.86129	53.95133	33.15849	20.79284	30.1883	-9999
1670.3	1670.693	1002.693	111.17	100.45	111.46	112.67	11.1672	33.90973	54.92307	37.13154	17.79153	30.16523	-9999
1670.305	1670.698	1002.698	110.31	102.91	110.74	110.65	10.27808	34.22319	55.49873	42.42425	13.07448	30.50158	-9999
1670.31	1670.703	1002.703	111.07	100.75	111.22	111.82	12.2716	32.07761	55.65079	34.61398	21.03681	30.36854	-9999
1670.315	1670.707	1002.707	105.26	108.62	105.7	105.59	13.46476	26.82739	59.70785	52.09056	7.617292	31.06561	-9999
1670.32	1670.712	1002.712	102.29	78.98	102.39	101.27	26.00504	18.39986	55.5951	23.4819	32.1132	31.48606	-9999
1670.325	1670.717	1002.717	103.05	76.5	103.43	102.51	23.736	21.29695	54.96705	41.45855	13.50849	31.2558	-9999
1670.33	1670.722	1002.722	103.16	78.06	103.17	103.39	26.12478	18.55446	55.32076	38.8097	16.51105	31.22887	-9999
1670.335	1670.727	1002.727	104.87	73.45	105.1	107.35	23.9622	22.06664	53.97116	33.35867	20.61248	30.58817	-9999
1670.34	1670.732	1002.732	103.89	82.61	104.61	106.04	18.84958	25.63645	55.51397	38.20466	17.30931	30.60685	-9999
1670.345	1670.736	1002.736	100.46	73.53	101.05	102.24	25.21004	19.66491	55.12505	29.77943	25.34562	31.00551	-9999
1670.35	1670.741	1002.741	103.29	109.07	104.2	104.57	11.52576	28.1824	60.29184	53.5295	6.762338	31.09586	-9999
1670.355	1670.746	1002.746	102.02	139.73	103.98	106.71	0	36.9813	63.0187	63.0187	0	-9999	-9999
1670.36	1670.751	1002.751	105.2	104.17	105.52	105.5	15.52686	25.36412	59.10902	46.84906	12.25996	31.02118	-9999
1670.365	1670.756	1002.756	103.81	108.87	103.92	108.06	17.29576	22.16393	60.54031	32.82198	27.71833	30.40519	-9999
1670.37	1670.761	1002.761	107.21	76.53	107.84	109.06	17.96404	29.3836	52.65236	33.90406	18.7483	30.26788	-9999
1670.375	1670.765	1002.765	107.79	70.73	108.63	109.17	17.20654	32.13101	50.66245	37.64391	13.01855	30.15758	-9999
1670.38	1670.77	1002.77	109.25	76.66	110.12	111.57	14.19578	35.54758	50.25664	37.62324	12.6334	29.78239	-9999
1670.385	1670.775	1002.775	103.39	111.46	103.67	104.18	15.73788	23.25005	61.01207	33.30494	27.70713	31.08954	-9999
1670.39	1670.78	1002.78	96.29	133.52	94.65	91.37	31.81136	7.143282	61.04536	28.46922	32.57613	32.11905	9
1670.395	1670.785	1002.785	92.84	96.09	90.9	84.98	46.36842	2.339039	51.29254	27.3739	23.91864	33.9378	9
1670.4	1670.79	1002.79	83.71	56.73	83.94	80.61	47.47564	4.545769	47.97859	24.63927	23.33932	33.51177	9
1670.405	1670.794	1002.794	84.57	44.14	84.13	85.65	54.92372	1.979785	43.09649	25.58983	17.50667	33.90648	9
1670.41	1670.799	1002.799	85.92	60.78	87.18	87.2	36.47984	9.440051	54.08011	28.48634	25.59377	31.96496	9
1670.415	1670.804	1002.804	86.18	56.54	86.77	83.02	42.45922	6.93302	50.60776	17.25814	33.34962	33.15098	9
1670.42	1670.809	1002.809	86.35	68.08	85.56	81.4	50.20514	3.078913	46.71595	31.23815	15.4778	33.97949	9
1670.425	1670.814	1002.814	88.59	75.6	89.43	85.62	33.692	10.64084	55.66716	35.32675	20.34041	32.39619	9
1670.43	1670.818	1002.818	89.26	57.72	89.47	85.13	42.28506	7.319841	50.3951	36.35276	14.04234	33.31073	9
1670.435	1670.823	1002.823	92.17	91.42	91.92	86.87	35.01746	9.26738	55.71516	31.26915	24.44601	32.63703	9
1670.44	1670.828	1002.828	92.25	104.23	92.47	87.51	28.20134	12.34812	59.45054	38.32804	21.1225	32.24929	9
1670.445	1670.833	1002.833	89.9	90.59	89.9	88.53	35.36922	9.042142	55.58864	29.25206	26.33658	31.90776	9
1670.45	1670.838	1002.838	93.39	98.77	94.09	89.83	24.75386	15.16475	60.08139	39.14245	20.93894	32.1203	9
1670.455	1670.843	1002.843	91.75	114.84	90.8	89.74	35.16122	7.554047	57.28473	31.67173	25.613	31.70009	9
1670.46	1670.847	1002.847	92.33	111.56	92.35	94.33	27.90388	11.9622	60.13392	31.32301	28.81091	30.91438	9
1670.465	1670.852	1002.852	98.75	126.97	97.33	98.18	29.42826	8.807764	61.76398	29.79962	31.96436	31.42767	9
1670.47	1670.857	1002.857	95.19	80.95	95.98	98.15	26.7128	16.01589	57.27131	25.4498	31.82151	31.01166	9
1670.475	1670.862	1002.862	92.11	81.47	92.8	95.51	30.19556	12.92668	56.87776	22.67063	34.20713	31.03389	9
1670.48	1670.867	1002.867	90.14	90.42	89.54	89.59	39.83956	6.703174	53.45727	36.42609	17.03118	31.97384	9
1670.485	1670.872	1002.872	87.47	89.18	87.1	84.06	40.81354	6.362063	52.8244	30.65664	22.16775	32.50834	9
1670.49	1670.876	1002.876	88.76	79.11	88.59	87.92	40.51368	7.004424	52.4819	25.19151	27.29039	32.22172	9
1670.495	1670.881	1002.881	92.51	72.34	91.79	89.92	42.96452	6.020825	51.01466	20.44036	30.5743	32.92555	9
1670.5	1670.886	1002.886	93.65	90.28	93.2	91.94	35.48174	9.068115	55.45015	27.26868	28.18147	32.0322	9
1670.505	1670.891	1002.891	95.63	74.68	95.31	94.31	36.42784	9.855354	53.71681	29.73509	23.98171	32.20119	9
1670.51	1670.896	1002.896	100.17	90.27	100.55	99.18	23.05326	18.98987	57.95687	35.08765	22.86922	31.48925	9
1670.515	1670.901	1002.901	95.52	91.82	96.73	97.83	20.52366	19.46249	60.01385	37.16404	22.84981	31.12403	9
1670.52	1670.905	1002.905	98.79	134.08	98.49	93.63	18.99084	16.18453	64.82463	46.65687	18.16776	32.23883	9
1670.525	1670.91	1002.91	106.07	179.84	103.22	98.89	20.98182	4.154916	74.86326	44.85621	30.00706	33.0736	9
1670.53	1670.915	1002.915	109.61	241.93	108.02	109.57	0	20.77126	79.22874	79.22874	0	-9999	9
1670.535	1670.92	1002.92	106.72	467.26	107.76	91.78	0	59.05316	40.94684	40.94684	0	-9999	9
1670.54	1670.925	1002.925	91.85	400.57	82.61	76.15	30.17006	0	69.82994	37.16566	32.66428	25.53221	9
1670.545	1670.93	1002.93	90.43	426.57	82.27	74.68	16.81446	3.727857	79.45768	58.54175	20.91593	29.0524	9
1670.55	1670.934	1002.934	88.76	311.01	82.41	80.54	32.28888	2.186795	65.52432	39.38626	26.13807	28.83193	9
1670.555	1670.939	1002.939	91.18	342.13	82.98	77.82	36.86894	0	63.13106	17.7286	45.40246	25.77418	9
1670.56	1670.944	1002.944	88.55	282.49	81.47	76.59	45.04142	0	54.95858	29.59501	25.36357	28.19437	9
1670.565	1670.949	1002.949	90.73	285.08	84.28	77	37.52654	0	62.47346	33.01318	29.46028	29.40366	9
1670.57	1670.954	1002.954	91.96	318	85.43	78.25	29.0483	0.189126	70.76257	40.77302	29.98956	30.35846	9
1670.575	1670.959	1002.959	96.95	349.85	91.84	79.86	5.7448	4.786314	89.46889	72.72194	16.74694	-9999	9
1670.58	1670.963	1002.963	113.43	416.3	117.2	106.89	0	100	0	0	0	-9999	9
1670.585	1670.968	1002.968	116.03	321.25	116.08	109.6	0	54.80154	45.19846	45.19846	0	-9999	9
1670.59	1670.973	1002.973	102.3	411.35	100.86	89.57	0	29.46103	70.53897	70.53897	0	-9999	9
1670.595	1670.978	1002.978	88.86	420.85	81.65	75.11	12.2806	7.155225	80.56418	62.96454	17.59963	29.12373	9

1670.6	1670.983	1002.983	83.45	375.01	76.27	72.65	28.11858	7.264156	64.61726	39.20105	25.41621	27.04045	9
1670.605	1670.988	1002.988	82.28	297.66	77.08	74.47	32.56868	6.696556	60.73476	27.84207	32.8927	28.13474	9
1670.61	1670.992	1002.992	83.21	241.28	79.2	76.78	36.13454	5.415786	58.44967	35.74023	22.70944	29.35123	9
1670.615	1670.997	1002.997	94.34	344.53	87.61	82.17	21.98844	0	78.01156	49.61246	28.3991	29.80952	9
1670.62	1671.002	1003.002	109.61	283.97	105	100.21	6.16556	0	93.83444	63.74421	30.09023	-9999	9
1670.625	1671.007	1003.007	117.5	183.43	115.54	114.3	2.69994	17.30654	79.99352	79.99352	0	-9999	9
1670.63	1671.012	1003.012	113.9	303.08	112.35	102.65	0	28.38005	71.61995	71.61995	0	-9999	10
1670.635	1671.016	1003.016	118.71	261.83	116.69	112.24	0	22.46165	77.53835	77.53835	0	-9999	10
1670.64	1671.021	1003.021	121.03	194.44	120.04	113.06	0	38.11303	61.88697	61.88697	0	-9999	10
1670.645	1671.026	1003.026	124.54	178.47	121.86	117.41	3.00346	7.526419	89.47012	82.90016	6.569964	-9999	10
1670.65	1671.031	1003.031	127.22	178.63	127.37	126.83	0	78.67435	21.32565	21.32565	0	-9999	10
1670.655	1671.036	1003.036	127.17	190.75	127.24	118.59	0	77.17431	22.82569	22.82569	0	-9999	10
1670.66	1671.041	1003.041	121.52	219.5	119.88	113.35	0	28.46193	71.53807	71.53807	0	-9999	10
1670.665	1671.045	1003.045	120.89	162.39	120.84	114.94	0	53.45252	46.54748	46.54748	0	-9999	10
1670.67	1671.05	1003.05	117.97	217.89	115.95	110.17	0	19.03118	80.96882	80.96882	0	-9999	10
1670.675	1671.055	1003.055	121.17	118.98	120.88	119.69	1.97794	46.56214	51.45992	51.45992	0	-9999	10
1670.68	1671.06	1003.06	114.4	82.56	114.35	113.69	15.15998	34.07232	50.7677	30.62818	20.13952	29.99092	10
1670.685	1671.065	1003.065	109.13	77.98	109.28	109.48	19.56674	27.46438	52.96888	27.31441	25.65448	30.49507	10
1670.69	1671.07	1003.07	104.79	67.2	105.38	106.95	22.7583	24.72514	52.51656	37.51306	15.0035	30.52443	10
1670.695	1671.074	1003.074	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1671.035	1671.405	1003.405	121.47	60.78	121.74	120.98	11.44634	54.49227	34.06139	19.33188	14.72951	27.20407	10
1671.04	1671.411	1003.411	121.41	82.32	122.06	123.45	3.34386	63.4977	33.15844	33.15844	0	-9999	10
1671.045	1671.416	1003.416	121.89	80.32	122.04	121.11	7.26126	54.58227	38.15647	38.15647	0	-9999	10
1671.05	1671.421	1003.421	121.77	77.45	122.14	123.41	6.3612	58.55566	35.08314	22.88288	12.20026	-9999	10
1671.055	1671.426	1003.426	122.03	96.3	122.57	125.29	0.2428	64.19494	35.56226	35.56226	0	-9999	10
1671.06	1671.431	1003.431	124.32	94.23	124.46	124.29	1.73694	62.67425	35.58881	35.58881	0	-9999	10
1671.065	1671.437	1003.437	124.5	68.15	124.94	125.84	5.5577	68.55389	25.88841	25.88841	0	-9999	10
1671.07	1671.442	1003.442	125.16	74.82	125.55	126.18	3.72386	70.19468	26.08146	25.5685	0.51296	-9999	10
1671.075	1671.447	1003.447	125.78	84.27	126.39	127.13	0	78.71219	21.28781	21.28781	0	-9999	10
1671.08	1671.452	1003.452	125.28	77.25	125.41	125.76	5.0404	64.4477	30.5119	21.65809	8.853816	-9999	10
1671.085	1671.458	1003.458	125.04	81.69	125.53	125.08	1.39672	72.65629	25.94699	25.94699	0	-9999	10
1671.09	1671.463	1003.463	125.06	88.18	125.96	127.61	0	83.29325	16.70675	16.70675	0	-9999	10
1671.095	1671.468	1003.468	124.32	78.96	124.9	125.12	2.02228	71.93947	26.03825	26.03825	0	-9999	10
1671.1	1671.473	1003.473	122.89	87.57	123.74	124.18	0	73.35956	26.64044	26.64044	0	-9999	10
1671.105	1671.478	1003.478	123.06	95.31	123.68	125.24	0	69.37712	30.62288	30.62288	0	-9999	10
1671.11	1671.484	1003.484	123.53	85.74	123.89	124.18	2.81332	64.53168	32.655	32.655	0	-9999	10
1671.115	1671.489	1003.489	122.56	85.07	122.9	123.82	4.02286	60.89825	35.07889	35.07889	0	-9999	10
1671.12	1671.494	1003.494	121.92	88.36	122.59	123.5	1.25798	66.02986	32.71216	32.71216	0	-9999	10
1671.125	1671.499	1003.499	122.76	93.89	123.48	125.71	0	70.42323	29.57677	29.57677	0	-9999	10
1671.13	1671.504	1003.504	121.9	94.57	122.57	122.67	0	66.381	33.619	33.619	0	-9999	10
1671.135	1671.51	1003.51	122	84.98	122.32	122.67	4.71484	58.73223	36.55293	36.55293	0	-9999	10
1671.14	1671.515	1003.515	121.14	104.78	121.85	121.94	0	65.34641	34.65359	34.65359	0	-9999	10
1671.145	1671.52	1003.52	121.83	95.03	122.61	124.18	0	68.48896	31.51104	31.51104	0	-9999	10
1671.15	1671.525	1003.525	122.85	92.05	123.47	123.61	0	68.41606	31.58394	31.58394	0	-9999	10
1671.155	1671.53	1003.53	122.37	106.35	122.57	122.16	0.1329	58.77926	41.08784	41.08784	0	-9999	10
1671.16	1671.536	1003.536	121.75	111.02	122.49	123	0	68.44881	31.55119	31.55119	0	-9999	10
1671.165	1671.541	1003.541	121.46	103.25	121.56	120.09	2.4953	53.91198	43.59272	43.59272	0	-9999	10
1671.17	1671.546	1003.546	121.62	90.05	121.97	123.37	3.605	58.53903	37.85597	37.85597	0	-9999	10
1671.175	1671.551	1003.551	121.59	110.32	122.09	122.51	0	62.88868	37.11132	37.11132	0	-9999	10
1671.18	1671.556	1003.556	121.31	108.83	122.01	123.48	0	65.98072	34.01928	34.01928	0	-9999	10
1671.185	1671.562	1003.562	120.98	100.76	121.91	124.08	0	69.00449	30.99551	30.99551	0	-9999	10
1671.19	1671.567	1003.567	119.1	78.04	119.59	120.68	7.74482	53.10168	39.1535	34.47396	4.679547	-9999	10
1671.195	1671.572	1003.572	118.78	58.06	119.32	120.28	12.48688	51.76059	35.75253	22.10894	13.64359	27.41938	10
1671.2	1671.577	1003.577	119.32	71.26	119.92	121.16	8.33068	55.2848	36.38452	27.5218	8.862719	27.31758	10
1671.205	1671.582	1003.582	119.39	100.75	120.01	119.49	0.9747	57.85074	41.17456	41.17456	0	-9999	10
1671.21	1671.588	1003.588	118.86	99.56	119.44	120.33	2.06028	55.50518	42.43454	42.43454	0	-9999	10
1671.215	1671.593	1003.593	117.85	99.67	118.25	118.76	4.35786	49.64851	45.99363	45.99363	0	-9999	10
1671.22	1671.598	1003.598	118.57	126.94	119.26	122.37	0	58.49342	41.50658	41.50658	0	-9999	10
1671.225	1671.603	1003.603	118.12	120.39	118.39	119.39	0.10272	49.5109	50.38638	50.38638	0	-9999	10
1671.23	1671.608	1003.608	116.94	129.28	117.27	121.41	0	48.2494	51.7506	51.7506	0	-9999	10
1671.235	1671.614	1003.614	114.8	120.97	115.21	116.49	1.93176	44.02967	54.03857	54.03857	0	-9999	10
1671.24	1671.619	1003.619	115.59	112.53	115.72	117.52	5.41744	41.01185	53.57071	45.2949	8.275812	-9999	10
1671.245	1671.624	1003.624	115.08	114.52	115.02	115.74	6.87756	37.34755	55.77489	55.77489	0	-9999	10
1671.25	1671.629	1003.629	116.45	131.75	116.82	119.18	0	47.89714	52.10286	52.10286	0	-9999	10
1671.255	1671.635	1003.635	117.02	122.35	117.3	115.56	0.5629	47.16214	52.27496	52.27496	0	-9999	10
1671.26	1671.64	1003.64	117.01	100.08	117.23	118.53	6.42644	44.66667	48.90689	48.87991	0.026974	-9999	10
1671.265	1671.645	1003.645	115.15	98.16	115	117.59	11.46978	35.07429	53.45593	44.76295	8.692983	29.55289	10
1671.27	1671.65	1003.65	112.82	84.66	112.5	111.94	18.19788	27.98203	53.82009	25.25807	28.56203	30.525	10
1671.275	1671.655	1003.655	111.31	77.38	111.25	111.47	19.33384	28.37794	52.28822	31.89148	20.39675	30.33499	10
1671.28	1671.661	1003.661	110.38	97.74	110.43	109.8	14.40982	29.59554	55.99464	32.55677	23.43787	30.68847	10
1671.285	1671.666	1003.666	110.44	83.02	110.26	107.87	19.69936	26.06295	54.23769	23.76193	30.47576	31.06378	10
1671.29	1671.671	1003.671	111.15	89.91	111.69	112.45	11.79878	36.19956	52.00166	38.85708	13.14458	29.93839	10
1671.295	1671.676	1003.676	109.93	78.79	109.69	107.76	21.65722	24.39638	53.9464	37.19264	16.75375	31.09264	10

1671.3	1671.681	1003.681	108.79	67.88	108.96	108.76	22.16874	26.48669	51.34457	26.01474	25.32982	30.58988	10
1671.305	1671.687	1003.687	108.43	78.01	108.73	109.76	19.04098	28.0028	52.95622	41.86146	11.09476	30.32879	10
1671.31	1671.692	1003.692	107.85	71.32	107.72	109.12	24.52606	22.31685	53.15709	31.87231	21.28478	30.66869	10
1671.315	1671.697	1003.697	105.82	53.53	105.92	105.76	28.91634	20.74897	50.33469	36.31754	14.01714	31.17905	10
1671.32	1671.702	1003.702	105.35	61.93	105.82	107.1	24.44844	24.07301	51.47855	21.93705	29.5415	30.59709	10
1671.325	1671.707	1003.707	105.27	60.63	105.57	105.67	26.15414	22.33741	51.50845	34.6659	16.84254	30.96	10
1671.33	1671.713	1003.713	104.82	67.14	105	107.61	25.92272	21.14013	52.93715	21.63425	31.30291	30.59041	10
1671.335	1671.718	1003.718	103.89	63.62	104.27	106.82	26.08016	21.46273	52.45711	31.5422	20.9149	30.59666	10
1671.34	1671.723	1003.723	103.53	62.86	103.92	105.35	26.51778	21.04531	52.43691	22.08087	30.35605	30.84465	10
1671.345	1671.728	1003.728	102.68	71.52	103.33	105.26	23.18906	22.67634	54.1346	27.24825	26.88635	30.64578	10
1671.35	1671.733	1003.733	104.08	43.83	104.12	103.94	33.32954	17.49686	49.1736	29.61691	19.55669	31.64555	10
1671.355	1671.739	1003.739	105.62	49.4	105.88	106.59	28.8598	21.67673	49.46347	29.75366	19.70981	30.94777	10
1671.36	1671.744	1003.744	109.27	70.03	109.35	109.18	21.90434	26.37751	51.71815	22.20618	29.51196	30.58587	10
1671.365	1671.749	1003.749	113.07	100.64	113.14	112.82	11.07822	34.5166	54.40518	50.45947	3.945708	30.29505	10
1671.37	1671.754	1003.754	112.58	110.57	113.08	114.7	5.79346	39.89571	54.31083	54.31083	0	-9999	10
1671.375	1671.759	1003.759	113.07	82.61	113.13	114.48	15.51898	33.1682	51.31282	40.45543	10.85739	29.75483	10
1671.38	1671.765	1003.765	113.59	85.77	113.7	114.08	13.88836	34.99388	51.11776	32.71029	18.40747	29.82855	10
1671.385	1671.77	1003.77	113.79	100.53	113.41	113.27	13.92994	29.75705	56.31301	49.19164	7.121367	30.50203	10
1671.39	1671.775	1003.775	114.14	100.39	114.06	115.26	11.31682	34.39133	54.29185	34.13387	20.15797	29.95335	10
1671.395	1671.78	1003.78	114.96	105.54	115.22	117.76	6.68112	41.14511	52.17377	43.98291	8.190861	-9999	10
1671.4	1671.785	1003.785	114.35	87.66	114.59	114.31	11.72428	38.3932	49.88252	40.81198	9.070537	29.71388	10
1671.405	1671.791	1003.791	113.32	74.56	113.52	113.61	16.15208	34.94095	48.90697	37.27141	11.63556	29.73302	10
1671.41	1671.796	1003.796	112.41	68.89	112.75	113.18	17.27642	34.66992	48.05366	32.0414	16.01226	29.67787	10
1671.415	1671.801	1003.801	112.09	64.62	112.43	113.06	18.60416	33.77822	47.61762	21.75009	25.86753	29.68369	10
1671.42	1671.806	1003.806	111.74	62.89	111.85	111.94	21.12732	30.16244	48.71024	24.70549	24.00475	30.08774	10
1671.425	1671.812	1003.812	110.9	64.5	111.27	112.47	19.4955	31.96754	48.53696	29.0507	19.48626	29.78838	10
1671.43	1671.817	1003.817	110.63	68.73	110.77	111.88	20.50274	29.07541	50.42185	26.32054	24.10131	30.07654	10
1671.435	1671.822	1003.822	110.43	72.32	110.63	112.13	19.35296	29.6894	50.95764	39.97035	10.98729	29.993	10
1671.44	1671.827	1003.827	109.51	74.75	109.84	110.92	18.6038	29.82219	51.57401	32.78192	18.79209	30.12515	10
1671.445	1671.832	1003.832	110.43	73.04	110.65	112.59	19.02372	29.96993	51.00635	38.53783	12.46852	29.89728	10
1671.45	1671.838	1003.838	110.49	69.58	110.76	111.94	19.41834	30.41823	50.16343	29.27629	20.88714	29.97264	10
1671.455	1671.843	1003.843	108.68	70.51	109.02	110.24	20.31598	28.31052	51.3735	25.56634	25.80716	30.20748	10
1671.46	1671.848	1003.848	108.68	62.48	108.84	109.18	23.65424	25.85216	50.4936	38.26428	12.22932	30.52898	10
1671.465	1671.853	1003.853	108.34	46.02	108.43	109.44	28.49286	23.51346	47.99368	31.326	16.66768	30.66418	10
1671.47	1671.858	1003.858	107.94	43.23	108.22	107.65	28.06354	24.70564	47.23082	32.51955	14.71127	30.84866	10
1671.475	1671.864	1003.864	108.24	58.1	108.45	109.88	24.7315	25.4307	49.8378	24.3533	25.4845	30.3728	10
1671.48	1671.869	1003.869	108.01	86.76	108.46	109.28	16.14738	29.50869	54.34393	26.27998	28.06395	30.38956	10
1671.485	1671.874	1003.874	107.91	80.08	108.22	109	18.94094	27.45638	53.60268	38.82243	14.78025	30.44414	10
1671.49	1671.879	1003.879	108.25	75.29	108.51	109.45	20.17482	27.12639	52.69879	31.80406	20.89473	30.38802	10
1671.495	1671.884	1003.884	107.3	83.88	107.72	109.69	17.73004	27.90948	54.36048	37.49319	16.86729	30.25796	10
1671.5	1671.89	1003.89	108.17	74.5	108.45	108.2	20.2846	27.1609	52.5545	30.28988	22.26462	30.60331	10
1671.505	1671.895	1003.895	109.69	80.97	109.74	109.59	19.10296	27.41237	53.48467	38.54484	14.93984	30.55954	10
1671.51	1671.9	1003.9	108.45	77.53	108.63	107.9	20.06874	26.73884	53.19242	27.9862	25.20622	30.72961	10
1671.515	1671.905	1003.905	107.96	75.99	108.22	110.69	20.27222	26.74114	52.98664	29.8818	23.10485	30.14594	10
1671.52	1671.91	1003.91	107.52	75.77	107.98	108.12	19.18026	28.1023	52.71744	28.11911	24.59833	30.50694	10
1671.525	1671.916	1003.916	110.06	65.88	110.13	109.43	22.25934	27.17895	50.56171	27.29445	23.26727	30.57219	10
1671.53	1671.921	1003.921	109.89	68.92	110	109.65	21.37006	27.57284	51.0571	28.81256	22.24454	30.49545	10
1671.535	1671.926	1003.926	110.27	71.54	110.25	109.06	21.39392	26.85954	51.74654	28.13131	23.61523	30.70891	10
1671.54	1671.931	1003.931	108.71	71.81	108.83	108.34	21.67878	26.10227	52.21895	22.73	29.48896	30.69038	10
1671.545	1671.936	1003.936	108.2	78.99	108.31	107.67	20.48792	25.74711	53.76497	24.13155	29.63343	30.79672	10
1671.55	1671.942	1003.942	109.26	72.46	109.28	108.45	21.79048	25.87569	52.33383	26.97477	25.35906	30.75698	10
1671.555	1671.947	1003.947	107.26	73.95	107.41	105.47	22.2624	24.49658	53.24102	39.49657	13.74445	31.12696	10
1671.56	1671.952	1003.952	107.13	78.76	107.16	107.84	22.14798	23.47019	54.38183	36.54147	17.84037	30.73579	10
1671.565	1671.957	1003.957	109.14	71.43	109.2	107.71	21.84014	26.06398	52.09588	31.23906	20.85681	30.86282	10
1671.57	1671.962	1003.962	107.72	64.56	108.1	108.49	22.32908	26.83835	50.83257	22.04631	28.78627	30.47627	10
1671.575	1671.968	1003.968	107.4	70.53	107.92	108.28	20.09374	28.16964	51.73662	38.37788	13.35874	30.43087	10
1671.58	1671.973	1003.973	106.73	70.33	106.78	106.78	24.40104	22.57441	53.02455	34.75814	18.26641	30.92102	10
1671.585	1671.978	1003.978	105.6	64.38	105.75	106.53	26.10554	21.65986	52.2346	30.20478	22.02982	30.87713	10
1671.59	1671.983	1003.983	105.84	55.73	105.92	105.83	28.52054	20.73935	50.74011	33.85356	16.88654	31.15258	10
1671.595	1671.989	1003.989	105.97	65.36	106.32	107.89	23.97798	24.05813	51.96389	38.11069	13.85321	30.52714	10
1671.6	1671.994	1003.994	105.09	59.32	105.33	105.49	27.10176	21.47949	51.41875	32.53924	18.87951	31.02906	10
1671.605	1671.999	1003.999	104.23	61.46	104.55	105.08	26.75508	21.23454	52.01038	30.01838	21.992	30.98728	10
1671.61	1672.004	1004.004	104.68	72.41	104.83	104.58	25.00868	21.06381	53.92751	38.91778	15.00973	31.11556	10
1671.615	1672.009	1004.009	105.16	65.07	105.45	105.38	25.25836	22.40368	52.33796	31.47751	20.86045	30.97783	10
1671.62	1672.015	1004.015	104.86	71.75	105	105.2	25.0803	21.15034	53.76936	24.86396	28.9054	31.02418	10
1671.625	1672.02	1004.02	102.87	61.75	103.06	103.56	28.9436	18.56962	52.48678	25.24531	27.24147	31.2409	10
1671.63	1672.025	1004.025	101.43	65.3	101.53	101.45	30.1068	16.58971	53.30349	38.03267	15.27082	31.50803	10
1671.635	1672.03	1004.03	102.86	57.4	102.96	102.08	30.703	17.55231	51.74469	20.1398	31.60489	31.62909	10
1671.64	1672.035	1004.035	103.56	63.51	103.67	103.52	28.50288	18.81871	52.67841	26.653	26.02541	31.32478	10
1671.645	1672.041	1004.041	102.96	60.74	103.33	103.74	27.71022	20.04431	52.24547	34.35045	17.89501	31.12946	10
1671.65	1672.046	1004.046	100.91	72.24	101.12	101.63	28.05322	17.33051	54.61627	25.07999	29.53628	31.28346	10
1671.655	1672.051	1004.051	100.18	80.74	100.54	99.72	25.50532	18.217	56.27768	23.15806	33.11961	31.43093	10
1671.66	1672.056	1004.056	99.06	76.13	99.18	98.62	29.51134	15.19614	55.29252	27.71397	27.57855	31.61358	10

1671.665	1672.061	1004.061	98.51	58.38	98.49	97.96	35.39784	12.62075	51.98141	22.46634	29.51506	32.07207	10
1671.67	1672.067	1004.067	97.46	67.29	97.41	96.55	34.44012	12.18939	53.37049	35.84027	17.53022	32.03624	10
1671.675	1672.072	1004.072	96.65	71.39	96.57	95.66	34.42562	11.67279	53.90159	26.21732	27.68426	32.02908	10
1671.68	1672.077	1004.077	94	59.32	93.81	94.94	40.63706	8.463346	50.89959	29.41306	21.48654	32.23762	10
1671.685	1672.082	1004.082	85.7	73.44	85.59	84.89	44.23602	5.449147	50.31483	23.74243	26.5724	32.50387	10
1671.69	1672.087	1004.087	88.67	45.84	88.81	89.11	46.24532	5.912867	47.84181	26.25482	21.58699	33.00212	10
1671.695	1672.093	1004.093	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1672.05	1672.462	1004.462	111.48	123.75	111.39	111.22	8.1884	31.41239	60.39921	59.04548	1.353725	30.97911	10
1672.055	1672.467	1004.467	115.96	142.12	115.98	114.04	0	42.11189	57.88811	57.88811	0	-9999	10
1672.06	1672.473	1004.473	116.44	195.7	116.61	116.24	0	49.04853	50.95147	50.95147	0	-9999	10
1672.065	1672.478	1004.478	119.7	190.31	120.43	123.28	0	66.89392	33.10608	33.10608	0	-9999	10
1672.07	1672.483	1004.483	121.34	169.39	122.06	121.37	0	70.57886	29.42114	29.42114	0	-9999	10
1672.075	1672.488	1004.488	120.6	157.29	121.7	123.85	0	74.9117	25.0883	25.0883	0	-9999	10
1672.08	1672.493	1004.493	121.23	144.1	121.78	124.02	0	65.04787	34.95213	34.95213	0	-9999	10
1672.085	1672.499	1004.499	121.01	144.93	121.84	121.43	0	70.05608	29.94392	29.94392	0	-9999	10
1672.09	1672.504	1004.504	120.16	129.87	120.54	119.63	0	57.5408	42.4592	42.4592	0	-9999	10
1672.095	1672.509	1004.509	119.67	132.92	119.69	118.33	0	49.74944	50.25056	50.25056	0	-9999	10
1672.1	1672.514	1004.514	120.07	133	120.14	119.98	0	51.67142	48.32858	48.32858	0	-9999	10
1672.105	1672.52	1004.52	118.19	142.36	118.8	120.41	0	57.04617	42.95383	42.95383	0	-9999	10
1672.11	1672.525	1004.525	118.69	124.64	118.98	117.94	0	51.57724	48.42276	48.42276	0	-9999	10
1672.115	1672.53	1004.53	117.66	137.57	118.29	120.25	0	55.6129	44.3871	44.3871	0	-9999	10
1672.12	1672.535	1004.535	118.71	128.7	119.46	121.48	0	60.09895	39.90105	39.90105	0	-9999	10
1672.125	1672.54	1004.54	114.74	107.8	114.96	115.51	6.6466	40.26169	53.09171	46.34852	6.743196	-9999	10
1672.13	1672.546	1004.546	116.99	123.53	117.18	117.8	1.00244	45.72083	53.27673	53.27673	0	-9999	10
1672.135	1672.551	1004.551	116.11	117.76	116.31	117.44	3.13088	43.53176	53.33736	53.33736	0	-9999	10
1672.14	1672.556	1004.556	114.46	107.08	114.61	115.68	7.62094	38.65156	53.7275	42.15133	11.57617	-9999	10
1672.145	1672.561	1004.561	113.56	105.44	113.78	117.13	8.30332	37.75421	53.94247	40.46098	13.48149	29.53002	10
1672.15	1672.566	1004.566	114.41	130.27	114.69	114.11	1.04746	41.9584	56.99414	56.99414	0	-9999	10
1672.155	1672.572	1004.572	114.85	117.21	114.59	114.11	7.98818	34.25908	57.75274	39.43971	18.31304	-9999	10
1672.16	1672.577	1004.577	113.88	128.74	113.71	115.04	5.39282	34.62537	59.98181	59.98181	0	-9999	10
1672.165	1672.582	1004.582	114.06	121.56	114.04	113.35	5.80228	36.50163	57.69609	57.69609	0	-9999	10
1672.17	1672.587	1004.587	113.82	116.41	113.57	114.08	9.05188	32.61519	58.33293	42.46508	15.86785	30.53404	10
1672.175	1672.592	1004.592	110.02	119.56	110.16	110.98	8.76308	31.53207	59.70485	52.90237	6.802479	30.76514	10
1672.18	1672.598	1004.598	111.78	109.99	111.63	111.43	11.70732	30.22079	58.07189	39.05879	19.01309	30.72139	10
1672.185	1672.603	1004.603	110.8	113.51	110.84	109.9	10.28458	31.2007	58.51472	45.82903	12.68569	30.93088	10
1672.19	1672.608	1004.608	111.86	84.35	112.02	107.62	15.4361	32.43558	52.12832	41.78247	10.34585	30.94962	10
1672.195	1672.613	1004.613	110.4	84.03	110.54	105	17.01174	29.73728	53.25098	39.2185	14.03248	31.39862	10
1672.2	1672.618	1004.618	110.56	91.54	110.41	109	17.29462	27.15298	55.5524	29.08363	26.46876	30.8758	10
1672.205	1672.624	1004.624	108.64	125.26	108.55	111.33	10.43578	27.40273	62.16149	55.63649	6.524999	30.6577	10
1672.21	1672.629	1004.629	108.79	123.39	108.39	108.43	13.15282	24.24192	62.60526	49.36011	13.24515	31.20451	10
1672.215	1672.634	1004.634	109.41	108	109.65	110.31	11.3468	30.90757	57.74563	53.1524	4.593236	30.6064	10
1672.22	1672.639	1004.639	107.61	81.66	107.55	107.27	21.70208	23.40493	54.89299	36.63829	18.2547	30.91322	10
1672.225	1672.644	1004.644	105.98	92.21	106.46	107.39	16.46358	27.10358	56.43284	43.30424	13.1286	30.61877	10
1672.23	1672.65	1004.65	104.86	90.64	104.51	104.45	24.30642	18.19146	57.50212	25.49489	32.00723	31.2728	10
1672.235	1672.655	1004.655	104.53	98.35	104.98	104.04	16.5442	25.23603	58.21977	32.63211	25.58766	31.14131	10
1672.24	1672.66	1004.66	103.61	129.47	104.98	106.61	2.72956	33.99795	63.27249	63.27249	0	-9999	10
1672.245	1672.665	1004.665	106.76	117.6	107.37	106.15	8.5941	31.24197	60.16393	42.14355	18.02038	31.30106	10
1672.25	1672.671	1004.671	106.65	107.29	107.19	108.17	11.73282	29.69001	58.57717	40.47262	18.10456	30.71669	10
1672.255	1672.676	1004.676	108.17	96.11	108.54	108.66	14.35748	29.55712	56.0854	33.19642	22.88898	30.62203	10
1672.26	1672.681	1004.681	112.47	85.41	112.63	111.08	14.61838	33.58308	51.79854	40.14917	11.64937	30.33089	10
1672.265	1672.686	1004.686	114.6	82.34	114.24	114.77	17.43172	30.08684	52.48144	35.45625	17.02519	30.05549	10
1672.27	1672.691	1004.691	114.7	93.44	114.55	113.96	13.02602	33.94476	53.02922	38.7208	14.30842	30.13808	10
1672.275	1672.697	1004.697	114.42	95.14	114	113.51	14.96472	29.83508	55.2002	29.9479	25.2523	30.445	10
1672.28	1672.702	1004.702	113.43	100.94	113.69	114.16	9.20192	37.73988	53.0582	46.45463	6.603572	29.96354	10
1672.285	1672.707	1004.707	113.4	98.56	113.35	112	12.20798	33.37222	54.4198	43.78023	10.63957	30.47936	10
1672.29	1672.712	1004.712	112.84	97.53	112.59	111.51	14.52244	29.77436	55.7032	33.2213	22.4819	30.65226	10
1672.295	1672.717	1004.717	111.95	100.73	111.53	111.49	15.88434	26.56288	57.55278	36.05463	21.49815	30.73344	10
1672.3	1672.723	1004.723	113.3	110.8	113.41	113.05	8.0979	36.14783	55.75427	54.48643	1.267843	30.43322	10
1672.305	1672.728	1004.728	112.17	98.1	112	111.55	14.3809	29.77627	55.84283	30.72463	25.1182	30.56975	10
1672.31	1672.733	1004.733	112.09	89.25	111.72	112.33	18.1462	26.59424	55.25956	29.59378	25.66578	30.47317	10
1672.315	1672.738	1004.738	111.7	87.31	111.91	110.61	14.47948	32.97562	52.5449	38.16103	14.38387	30.39567	10
1672.32	1672.743	1004.743	110.37	86.11	109.98	107.82	20.64348	23.80346	55.55306	29.82217	25.7309	31.20456	10
1672.325	1672.749	1004.749	109.1	101.58	109.18	108.96	14.42564	28.25618	57.31818	36.47149	20.84669	30.77228	10
1672.33	1672.754	1004.754	108.06	91.74	107.52	106.09	22.56872	19.85457	57.57671	33.804	23.77271	31.4133	10
1672.335	1672.759	1004.759	107.72	84.32	107.04	105.14	25.76216	17.62774	56.6101	27.53882	29.07129	31.6764	10
1672.34	1672.764	1004.764	105.42	80.49	104.84	103.86	28.03002	16.06904	55.90094	22.85794	33.043	31.64626	10
1672.345	1672.769	1004.769	106.06	86.03	105.56	103.7	25.48054	17.76717	56.75229	26.37213	30.38016	31.64631	10
1672.35	1672.775	1004.775	101.76	78.47	101.47	98.17	29.63856	14.92702	55.43442	22.17165	33.26277	32.15253	10
1672.355	1672.78	1004.78	102.98	59.64	102.92	102.47	31.29052	16.56762	52.14186	30.28255	21.8593	31.62925	10
1672.36	1672.785	1004.785	105.53	71.38	105.67	106.67	24.55344	21.95345	53.49311	32.97883	20.51428	30.79853	10
1672.365	1672.79	1004.79	110.46	98.75	110.16	109.63	16.8043	25.79053	57.40517	34.56922	22.83595	30.87864	10
1672.37	1672.795	1004.795	109.11	111.1	109.06	105.96	13.1201	27.5159	59.364	48.18393	11.18007	31.47563	10
1672.375	1672.801	1004.801	109.38	104.39	109.3	110.37	14.72802	27.11817	58.15381	41.98466	16.16915	30.61304	10

1672.38	1672.806	1004.806	110.51	113.52	110.3	112.98	12.48646	27.8792	59.63434	48.67653	10.95781	30.39374	10
1672.385	1672.811	1004.811	112.64	111.41	112.55	113.06	10.10748	32.43415	57.45837	46.44196	11.01642	30.48178	10
1672.39	1672.816	1004.816	112.3	102.24	112.22	110.63	12.56192	31.38583	56.05225	35.11476	20.93749	30.75414	10
1672.395	1672.821	1004.821	112.66	96.09	112.53	112.69	14.10652	30.92263	54.97085	32.50693	22.46391	30.3363	10
1672.4	1672.827	1004.827	110.35	98.29	109.96	110.37	17.71432	24.59963	57.68605	46.35376	11.33229	30.77451	10
1672.405	1672.832	1004.832	108.91	114.59	108.56	109.2	14.78452	24.31374	60.90174	42.50297	18.39877	30.96016	10
1672.41	1672.837	1004.837	109.22	126.61	109.31	111.21	8.18048	30.23111	61.58841	47.63977	13.94864	30.78309	10
1672.415	1672.842	1004.842	112.75	107.84	112.51	109.78	12.03272	30.45754	57.50974	40.34246	17.16727	31.09731	10
1672.42	1672.848	1004.848	108.07	114.44	108.18	106.66	12.02862	27.95588	60.0155	48.9159	11.0996	31.26126	10
1672.425	1672.853	1004.853	107.96	111.42	107.41	105.86	17.97566	20.97623	61.04811	31.72046	29.32765	31.48112	10
1672.43	1672.858	1004.858	109.73	108.98	109.04	107.39	18.02274	21.29293	60.68433	42.00858	18.67575	31.46514	10
1672.435	1672.863	1004.863	110.84	97.47	110.8	111.24	14.74946	29.24409	56.00645	36.75165	19.2548	30.47606	10
1672.44	1672.868	1004.868	112.65	102.87	112.55	112.92	12.24246	31.74654	56.011	50.74566	5.26534	30.36838	10
1672.445	1672.874	1004.874	114.05	111.77	113.86	116.24	9.49816	33.49699	57.00485	41.71262	15.29223	30.02588	10
1672.45	1672.879	1004.879	113.42	106.34	113.48	112.74	9.45432	35.39832	55.14736	48.26959	6.877766	30.42117	10
1672.455	1672.884	1004.884	113.18	92.57	113.12	113.43	13.93746	32.45676	53.60578	30.63317	22.9726	30.13164	10
1672.46	1672.889	1004.889	111.89	116.88	112.14	112.96	6.83874	35.80596	57.3553	44.44245	12.91285	-9999	10
1672.465	1672.894	1004.894	111.78	97.03	111.82	114.97	13.37114	31.67219	54.95667	38.65674	16.29994	29.79725	10
1672.47	1672.9	1004.9	111.15	99.89	110.96	109.57	15.04112	28.11226	56.84662	34.51559	22.33103	30.89924	10
1672.475	1672.905	1004.905	112.66	90.41	112.57	113.86	15.17108	31.04958	53.77934	41.18479	12.59455	30.03202	10
1672.48	1672.91	1004.91	111.53	116.79	111.78	113.11	7.19172	35.15917	57.64911	57.64911	0	-9999	10
1672.485	1672.915	1004.915	110.62	120.16	110.82	108.08	7.60088	33.23175	59.16737	55.32936	3.838005	-9999	10
1672.49	1672.92	1004.92	110.37	91.6	110.16	111.08	17.9199	26.20277	55.87733	36.00509	19.87224	30.5096	10
1672.495	1672.926	1004.926	110.04	86.3	110.21	114.39	16.5611	29.65874	53.78016	43.95474	9.825423	29.64862	10
1672.5	1672.931	1004.931	112.23	100.61	112.85	116.43	7.59578	40.07152	52.3327	50.91959	1.413107	-9999	10
1672.505	1672.936	1004.936	115.74	101.2	116.74	119.95	1.2788	53.95245	44.76875	44.76875	0	-9999	10
1672.51	1672.941	1004.941	117.71	111.15	118.06	120.02	2.096	49.22688	48.67712	48.67712	0	-9999	10
1672.515	1672.946	1004.946	120.52	113.48	121.04	123.02	0	60.18694	39.81306	39.81306	0	-9999	10
1672.52	1672.952	1004.952	118.71	134.36	119.45	122.1	0	60.3008	39.6992	39.6992	0	-9999	10
1672.525	1672.957	1004.957	116.9	124.38	117.02	118.33	1.42204	44.45571	54.12225	54.12225	0	-9999	10
1672.53	1672.962	1004.962	118.8	120.69	119.04	122.06	0	50.70921	49.29079	49.29079	0	-9999	10
1672.535	1672.967	1004.967	118.66	121.35	118.61	117.27	1.8536	45.35507	52.79133	52.79133	0	-9999	10
1672.54	1672.972	1004.972	117.54	99.61	117.56	119.21	7.60258	42.57329	49.82413	33.52693	16.2972	-9999	10
1672.545	1672.978	1004.978	120.45	102.81	120.86	123.14	1.12848	57.12297	41.74855	41.74855	0	-9999	10
1672.55	1672.983	1004.983	121.03	96.41	121.52	122.3	1.52368	59.99817	38.47815	38.47815	0	-9999	10
1672.555	1672.988	1004.988	119.2	116.64	119.63	120.67	0	54.89473	45.10527	45.10527	0	-9999	10
1672.56	1672.993	1004.993	119.54	107.55	119.74	120.27	2.4461	50.99626	46.55764	46.55764	0	-9999	10
1672.565	1672.998	1004.998	119.6	105.9	119.96	121.63	1.5502	53.98539	44.46441	44.46441	0	-9999	10
1672.57	1673.004	1005.004	121.66	93.07	121.98	121.67	3.06986	58.25013	38.68001	38.68001	0	-9999	10
1672.575	1673.009	1005.009	120.35	101.91	120.37	119.12	4.46078	49.34321	46.19601	46.19601	0	-9999	10
1672.58	1673.014	1005.014	120.17	106.69	120.37	122.31	2.07462	52.59385	45.33153	45.33153	0	-9999	10
1672.585	1673.019	1005.019	120.35	104.29	120.53	120.98	2.64482	52.53407	44.82111	44.82111	0	-9999	10
1672.59	1673.025	1005.025	119.29	97.45	119.35	123.49	6.2053	47.15349	46.64121	35.43651	11.2047	-9999	10
1672.595	1673.03	1005.03	119.85	117.95	120.07	121.35	0	52.87789	47.12211	47.12211	0	-9999	10
1672.6	1673.035	1005.035	119.19	94.11	119.35	120.59	6.33058	48.47382	45.1956	45.1956	0	-9999	10
1672.605	1673.04	1005.04	118.68	96.32	118.71	120.2	7.27246	45.09681	47.63073	47.63073	0	-9999	10
1672.61	1673.045	1005.045	117.43	98	117.57	118.55	7.1634	44.18607	48.65053	48.65053	0	-9999	10
1672.615	1673.051	1005.051	117.25	108.91	117.27	118.85	5.61878	42.56981	51.81141	51.81141	0	-9999	10
1672.62	1673.056	1005.056	116.08	102.33	115.94	117.31	9.52754	37.24176	53.2307	33.84553	19.38517	29.66588	10
1672.625	1673.061	1005.061	115.66	87.73	115.56	115.19	13.13714	36.05227	50.81059	40.63663	10.17395	29.78601	10
1672.63	1673.066	1005.066	115.58	100.49	115.35	112.88	11.13032	34.84727	54.02241	49.07217	4.950245	30.51374	10
1672.635	1673.071	1005.071	113.67	107.63	113.59	114.66	9.99714	34.05284	55.95002	46.8994	9.050621	30.1648	10
1672.64	1673.077	1005.077	111.4	106	111.15	111.37	13.7975	28.17927	58.02323	44.21921	13.80402	30.68117	10
1672.645	1673.082	1005.082	112.67	93.88	112.14	111.23	17.73214	25.73944	56.52842	31.35844	25.16998	30.849	10
1672.65	1673.087	1005.087	111.02	106.09	110.84	112.51	13.58282	28.45758	57.9596	38.56926	19.39034	30.41261	10
1672.655	1673.092	1005.092	109	94.36	108.85	112.16	18.04738	25.16925	56.78337	36.11817	20.6652	30.18998	10
1672.66	1673.097	1005.097	109.01	105.72	109.06	112.21	13.73906	28.08191	58.17903	38.25654	19.92249	30.21825	10
1672.665	1673.103	1005.103	106.85	107.67	106.92	109.33	15.09936	25.44276	59.45788	40.48277	18.97511	30.54074	10
1672.67	1673.108	1005.108	103.2	93.51	102.24	103.57	29.86658	12.06688	58.06654	31.83164	26.2349	31.47945	10
1672.675	1673.113	1005.113	97.44	77.95	96.85	95.7	36.0638	9.707972	54.22823	38.43714	15.79109	32.23161	10
1672.68	1673.118	1005.118	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1673.005	1673.457	1005.457	91.18	24.48	90.84	91.17	52.82524	3.824339	43.35042	28.71332	14.6371	34.2923	10
1673.01	1673.462	1005.462	91.22	34.77	90.45	89.75	53.63076	2.702508	43.66673	25.49125	18.17548	34.53975	10
1673.015	1673.467	1005.467	95.47	108.56	94.08	91.61	36.66858	6.471024	56.8604	31.82225	25.03815	32.33443	10
1673.02	1673.472	1005.472	100.52	204.44	97.79	96.2	19.20462	6.541359	74.25402	43.0401	31.21393	31.84357	10
1673.025	1673.477	1005.477	104.86	206.66	102.24	97.69	13.82208	7.706789	78.47113	55.11244	23.35869	33.07384	10
1673.03	1673.483	1005.483	111.49	223.45	110.5	108.87	0	27.55683	72.44317	72.44317	0	-9999	10
1673.035	1673.488	1005.488	128.35	248.57	129.35	128.1	0	100	0	0	0	-9999	10
1673.04	1673.493	1005.493	135.76	234.8	137.15	140.45	0	100	0	0	0	-9999	10
1673.045	1673.498	1005.498	137.67	197.45	138.53	140.66	0	100	0	0	0	-9999	10
1673.05	1673.503	1005.503	136.6	161.9	137.88	141.68	0	100	0	0	0	-9999	10
1673.055	1673.509	1005.509	136.11	202.97	137.98	140.47	0	100	0	0	0	-9999	10
1673.06	1673.514	1005.514	138.36	187.26	140.11	140.09	0	100	0	0	0	-9999	10

1673.065	1673.519	1005.519	137.12	171.51	138.68	139.04	0	100	0	0	0	-9999	10
1673.07	1673.524	1005.524	133.7	127.9	134.44	134.15	0	100	0	0	0	-9999	10
1673.075	1673.529	1005.529	117.97	159.57	118.12	117.27	0	49.75774	50.24226	50.24226	0	-9999	10
1673.08	1673.535	1005.535	115.77	171.32	116.27	117.71	0	50.98805	49.01195	49.01195	0	-9999	9
1673.085	1673.54	1005.54	98.05	130.91	95.78	92.89	35.70628	4.000464	60.29326	22.84078	37.45248	32.48272	9
1673.09	1673.545	1005.545	96.88	88.53	95.06	94.21	43.55114	3.327856	53.121	34.77337	18.34764	33.00352	9
1673.095	1673.55	1005.55	91.53	65.22	90.55	89.24	47.60416	3.991836	48.404	15.00317	33.40084	33.40746	9
1673.1	1673.556	1005.556	90.74	49.98	90.37	89.02	47.29154	5.197888	47.51057	22.00584	25.50473	33.46819	9
1673.105	1673.561	1005.561	86.97	48.32	85.54	83	59.37666	0	40.62334	21.84131	18.78203	35.27372	9
1673.11	1673.566	1005.566	86.84	38.06	86.55	84.31	53.14418	2.930389	43.92543	18.81796	25.10748	34.48138	9
1673.115	1673.571	1005.571	93.15	105.68	91.56	84.8	41.04994	4.596388	54.35367	31.47431	22.87937	33.3798	9
1673.12	1673.576	1005.576	98.98	153.67	97.58	90.41	22.60026	10.82595	66.57379	41.70597	24.86783	32.68075	9
1673.125	1673.582	1005.582	101.32	120.14	101.07	100.23	19.64922	17.64329	62.70749	33.98854	28.71896	31.46011	9
1673.13	1673.587	1005.587	105.54	99.71	105.8	107.49	16.75838	24.9675	58.27412	34.24105	24.03308	30.63438	9
1673.135	1673.592	1005.592	109.93	90.15	109.96	108.79	16.8156	28.16926	55.01514	45.64325	9.371891	30.76694	9
1673.14	1673.597	1005.597	111.09	105.47	110.85	112.8	14.13346	27.81425	58.05229	50.20551	7.846776	30.37665	9
1673.145	1673.602	1005.602	112.65	115.34	112.51	113.67	9.53472	32.07843	58.38685	42.67187	15.71498	30.45588	9
1673.15	1673.608	1005.608	114.84	131.05	114.55	116.11	4.8806	34.75278	60.36662	50.54041	9.826215	-9999	9
1673.155	1673.613	1005.613	114	135.49	113.21	110.51	8.45392	26.98141	64.56467	45.44512	19.11955	31.81349	9
1673.16	1673.618	1005.618	114.85	123.92	114.51	114.41	6.98436	33.58396	59.43168	59.43168	0	-9999	9
1673.165	1673.623	1005.623	114.22	137.33	114.02	117.87	3.23374	35.37477	61.39149	61.39149	0	-9999	9
1673.17	1673.628	1005.628	111.84	112.53	110.85	113.59	17.54744	20.43118	62.02138	32.24389	29.77749	30.75018	9
1673.175	1673.634	1005.634	114	113.59	112.72	113.14	17.55122	19.12018	63.3286	41.46862	21.85997	31.30753	9
1673.18	1673.639	1005.639	116.59	124.16	115.65	118.56	9.97548	27.54561	62.47891	56.9278	5.551103	30.46259	9
1673.185	1673.644	1005.644	118.93	115.5	118.67	119.82	4.6484	41.91641	53.43519	46.6804	6.754798	-9999	9
1673.19	1673.649	1005.649	120.43	134.75	120.6	124.35	0	54.61367	45.38633	45.38633	0	-9999	9
1673.195	1673.654	1005.654	119.6	120.91	119.66	119.83	0.24278	49.49583	50.26139	50.26139	0	-9999	9
1673.2	1673.66	1005.66	112.87	105.67	112.23	111.23	15.54746	25.42568	59.02686	50.06056	8.966292	31.02538	9
1673.205	1673.665	1005.665	112.38	99.25	111.96	110.9	15.8469	27.06636	57.08674	47.58733	9.499412	30.85167	9
1673.21	1673.67	1005.67	112.62	102.68	111.89	110.28	17.19854	23.78374	59.01772	35.5069	23.51082	31.21364	9
1673.215	1673.675	1005.675	116.45	115.41	116.35	116.47	5.71178	39.45697	54.83125	43.86309	10.96816	-9999	9
1673.22	1673.68	1005.68	121.71	107.38	122.15	122.67	0	61.83303	38.16697	38.16697	0	-9999	9
1673.225	1673.686	1005.686	126.38	126.29	127.39	128.94	0	94.62756	5.372441	5.372441	0	-9999	9
1673.23	1673.691	1005.691	127.32	130.74	128.14	129.29	0	94.14561	5.854387	5.854387	0	-9999	9
1673.235	1673.696	1005.696	126.67	139.37	127.86	130.24	0	100	0	0	0	-9999	9
1673.24	1673.701	1005.701	124.88	138.95	125.85	127.17	0	87.6892	12.3108	12.3108	0	-9999	9
1673.245	1673.706	1005.706	121.94	173.21	122.94	122.31	0	78.84565	21.15435	21.15435	0	-9999	9
1673.25	1673.712	1005.712	122.67	160.87	123.53	124.39	0	77.70278	22.29722	22.29722	0	-9999	9
1673.255	1673.717	1005.717	119.65	180.79	120.35	120.82	0	65.53064	34.46936	34.46936	0	-9999	9
1673.26	1673.722	1005.722	117.11	170.92	118.02	119.61	0	61.05382	38.94618	38.94618	0	-9999	9
1673.265	1673.727	1005.727	110.34	173.21	110.34	107.29	0	34.05592	65.94408	65.94408	0	-9999	9
1673.27	1673.733	1005.733	102.62	165.53	101.09	98.55	17.38884	12.37565	70.23551	45.54227	24.69324	32.11183	9
1673.275	1673.738	1005.738	98.16	95.35	97.43	96.74	32.2756	10.49706	57.22734	26.68867	30.53867	31.83593	9
1673.28	1673.743	1005.743	96.67	95.11	95.7	95.21	35.56448	8.288403	56.14712	20.97342	35.17369	31.99525	9
1673.285	1673.748	1005.748	98.18	66.65	97.79	95.72	36.5676	10.62819	52.80421	36.14067	16.66354	32.47168	9
1673.29	1673.753	1005.753	98.31	70.82	97.84	97.57	36.05886	10.51164	53.4295	23.2812	30.1483	32.09253	9
1673.295	1673.759	1005.759	100.86	82.6	100.53	99.62	29.7771	14.14993	56.07297	25.78163	30.29134	31.7276	9
1673.3	1673.764	1005.764	102.02	87.36	101.55	101.5	28.64298	14.4268	56.93022	39.1462	17.78401	31.53031	9
1673.305	1673.769	1005.769	104.75	125.38	104.59	103.68	14.52804	22.04681	63.42515	49.17205	14.2531	31.46867	9
1673.31	1673.774	1005.774	101.19	126.67	100.84	102.06	18.96356	17.25824	63.7782	45.32909	18.4491	31.10913	9
1673.315	1673.779	1005.779	92.96	144.07	90	84.28	42.55186	1.277136	56.171	31.87644	24.29457	32.98858	9
1673.32	1673.785	1005.785	92.77	108.69	92.19	88.61	32.84362	9.237152	57.91923	30.33445	27.58477	32.1165	9
1673.325	1673.79	1005.79	91.5	90.69	90.71	89.84	39.99552	6.509243	53.49524	25.42973	28.0655	32.20146	9
1673.33	1673.795	1005.795	93.62	98.85	92.38	89.72	39.5579	5.879966	54.56213	20.41887	34.14327	32.55662	9
1673.335	1673.8	1005.8	93.08	121.64	92.06	91.23	32.83452	8.228379	58.9371	37.1108	21.8263	31.5322	9
1673.34	1673.805	1005.805	92.01	116.07	90.45	88.08	39.35186	5.12171	55.52643	20.66285	34.86358	32.2278	9
1673.345	1673.811	1005.811	90.16	111.21	89.22	87.13	37.42498	6.752479	55.82254	33.8605	21.96204	31.94663	9
1673.35	1673.816	1005.816	81.07	76.62	79.1	76.06	62.14106	0	37.85894	14.97059	22.88835	34.19881	9
1673.355	1673.821	1005.821	81.54	87.36	80.11	73.33	54.92458	1.355561	43.71986	31.49206	12.22779	34.49257	9
1673.36	1673.826	1005.826	79.58	88.61	78.78	72	51.54278	2.579291	45.87793	16.55621	29.32172	33.84978	9
1673.365	1673.831	1005.831	83.11	105.79	82.72	74.86	40.96012	5.79172	53.24816	37.7112	15.53696	32.91969	9
1673.37	1673.837	1005.837	82.49	107.68	81.97	76.18	42.08064	5.355599	52.56376	21.50204	31.06173	32.55017	9
1673.375	1673.842	1005.842	84.59	138.83	84.04	86.03	32.84284	8.040061	59.1171	32.33593	26.78117	30.3221	9
1673.38	1673.847	1005.847	84.3	170.49	82.41	78.22	35.83292	6.163166	58.00391	26.32273	31.68119	31.01054	9
1673.385	1673.852	1005.852	83.83	176.96	80.9	77.12	42.75958	3.739837	53.50058	26.05968	27.4409	31.14561	9
1673.39	1673.857	1005.857	83.61	97.89	82.63	80.72	46.98442	3.71535	49.30023	27.58901	21.71122	32.51061	9
1673.395	1673.863	1005.863	77.7	62.3	76.98	75	59.0194	0.562878	40.41772	25.32361	15.09411	34.4936	9
1673.4	1673.868	1005.868	77.68	112.74	75.27	73.98	59.92882	0.474673	39.59651	15.03154	24.56497	33.48914	9
1673.405	1673.873	1005.873	76.76	103.17	74.86	72.68	59.13866	0.765759	40.09558	20.47839	19.61719	33.6369	9
1673.41	1673.878	1005.878	81.9	107.52	79.88	78.45	54.28716	1.287562	44.42528	30.14559	14.27969	33.06885	9
1673.415	1673.883	1005.883	86.72	119.53	85.7	84.04	39.19634	5.901961	54.9017	37.50901	17.39269	31.66496	9
1673.42	1673.889	1005.889	86.9	144.44	85.99	84.33	32.15002	8.007029	59.84295	39.1725	20.67046	31.03964	9
1673.425	1673.894	1005.894	85.78	170.76	83.73	78.86	35.64598	5.900205	58.45381	27.62226	30.83155	31.25513	9

1673.43	1673.899	1005.899	83.49	124.23	81.37	74.73	49.55554	2.314411	48.13005	19.478	28.65205	33.22825	9
1673.435	1673.904	1005.904	81.95	84.04	80.81	77.42	53.10332	1.954431	44.94225	21.70364	23.23861	33.68152	9
1673.44	1673.91	1005.91	86.31	80.51	85.57	87.04	46.84638	4.070321	49.0833	27.57964	21.50366	32.3039	9
1673.445	1673.915	1005.915	85.4	63.18	85.08	85.29	48.62244	3.948139	47.42942	21.36423	26.06519	32.95065	9
1673.45	1673.92	1005.92	83.52	55.86	82.93	81.56	54.21598	1.975995	43.80802	13.2856	30.52243	34.05526	9
1673.455	1673.925	1005.925	83.3	63	82.43	82.51	54.8605	1.59214	43.54736	20.89652	22.65084	33.7611	9
1673.46	1673.93	1005.93	92.33	99.1	92.41	93.15	30.4542	11.40039	58.14541	37.6871	20.45831	31.26758	9
1673.465	1673.936	1005.936	91.76	97.88	91.65	91.94	32.74634	10.10427	57.14939	27.65882	29.49057	31.43645	9
1673.47	1673.941	1005.941	85.88	93.15	84.72	84.66	47.4381	3.435577	49.12632	34.90058	14.22574	32.44743	9
1673.475	1673.946	1005.946	84.63	66.39	84.03	84.27	50.72402	3.010246	46.26573	30.48093	15.78481	33.1364	9
1673.48	1673.951	1005.951	91.9	76.39	91.46	90.44	40.37562	7.255544	52.36884	31.28522	21.08362	32.40324	9
1673.485	1673.956	1005.956	93.66	81.48	93.72	95.27	33.64964	10.98549	55.36487	34.79255	20.57232	31.41006	9
1673.49	1673.962	1005.962	95.36	98.23	95.21	96.39	29.65964	12.18071	58.15965	23.83861	34.32104	31.23305	9
1673.495	1673.967	1005.967	87.74	81.4	87.22	86.2	43.6104	5.408933	50.98067	33.26185	17.71882	32.47603	9
1673.5	1673.972	1005.972	83.38	105.89	81.39	77.84	53.08752	1.413984	45.4985	24.8582	20.64029	33.4393	9
1673.505	1673.977	1005.977	79.6	74.3	77.86	75.65	62.2724	0	37.7276	24.83865	12.88895	34.28596	9
1673.51	1673.982	1005.982	80.09	94.04	77.58	75.47	63.01202	0	36.98798	11.66008	25.3279	33.58675	9
1673.515	1673.988	1005.988	82	128.12	78.97	73.57	57.03746	0.222436	42.7401	25.54794	17.19217	33.86464	9
1673.52	1673.993	1005.993	80.09	97.22	77.84	73.86	60.22746	0	39.77254	19.27417	20.49837	34.42926	9
1673.525	1673.998	1005.998	83.09	99.59	80.84	77.57	56.89392	0.272148	42.83393	11.2512	31.58273	34.07639	9
1673.53	1674.003	1006.003	81.17	155.96	77.69	73.43	54.55128	1.102838	44.34588	11.70991	32.63597	32.63675	9
1673.535	1674.008	1006.008	82.14	128.91	78.74	74.04	59.58498	0	40.41502	10.39598	30.01904	33.34217	9
1673.54	1674.014	1006.014	78.05	108.18	74.35	70.16	70.68944	0	29.31056	10.5851	18.72546	33.22277	9
1673.545	1674.019	1006.019	76.85	72.2	74.76	72.92	68.0231	0	31.9769	24.20132	7.775575	33.69807	9
1673.55	1674.024	1006.024	78.49	94.1	75.54	72.94	67.8795	0	32.1205	10.52033	21.60017	33.27316	9
1673.555	1674.029	1006.029	77.58	55.1	75.86	73.45	68.6222	0	31.3778	7.344025	24.03378	33.87366	9
1673.56	1674.034	1006.034	79.36	60.13	77.84	75.92	64.21734	0	35.78266	23.67432	12.10834	34.20801	9
1673.565	1674.04	1006.04	82.1	52.31	81.18	79.31	58.93898	0.426524	40.6345	22.92	17.71449	34.93331	9
1673.57	1674.045	1006.045	83.58	55.36	82.23	80.57	60.17178	0	39.82822	7.342026	32.48619	34.89262	9
1673.575	1674.05	1006.05	81.86	40.93	81.02	79.47	61.29374	0	38.70626	9.797378	28.90888	35.25139	9
1673.58	1674.055	1006.055	82.39	28.54	82.27	81.57	58.22452	1.095039	40.68044	23.00278	17.67766	35.0059	9
1673.585	1674.061	1006.061	86.16	52.19	85.83	85.51	50.66032	3.470355	45.86933	27.52103	18.34829	33.51693	9
1673.59	1674.066	1006.066	88.25	80.2	88.21	89.14	39.7116	7.324225	52.96418	31.09394	21.87024	31.80057	9
1673.595	1674.071	1006.071	87.79	104.14	87.06	85.26	39.68882	6.210688	54.10049	36.7224	17.37809	31.99276	9
1673.6	1674.076	1006.076	89.02	87.74	88.04	87.39	44.46352	4.6168	50.91968	33.89234	17.02734	32.49413	9
1673.605	1674.081	1006.081	93.78	109.82	92.47	94.45	37.29846	6.350516	56.35102	23.35996	32.99106	31.43209	9
1673.61	1674.087	1006.087	92.97	134.17	91.11	88.15	36.41346	5.283274	58.30327	23.3189	34.98436	32.02877	9
1673.615	1674.092	1006.092	96.69	151	94.99	92.31	27.6782	8.128392	64.19341	46.86789	17.32551	31.77248	9
1673.62	1674.097	1006.097	95.24	129.64	93.51	89.2	34.41382	6.123626	59.46255	33.44614	26.01642	32.37115	9
1673.625	1674.102	1006.102	94.37	101.11	92.93	92.04	39.87098	5.346397	54.78262	35.02285	19.75977	32.29728	9
1673.63	1674.107	1006.107	95.16	107.55	94.8	94.17	29.2157	11.56614	59.21816	29.20539	30.01277	31.51008	9
1673.635	1674.113	1006.113	95.86	138.97	95.79	98.06	18.72056	15.71433	65.56511	36.56373	29.00138	30.83731	9
1673.64	1674.118	1006.118	90.64	141.46	88.85	84.74	36.25038	5.583114	58.16651	32.04941	26.11709	31.95694	9
1673.645	1674.123	1006.123	86.87	96.44	85.99	85.41	43.56112	4.859008	51.57987	30.37369	21.20618	32.14336	9
1673.65	1674.128	1006.128	86.24	112.49	85.64	84.33	38.08662	6.669308	55.24407	30.02661	25.21746	31.59837	9
1673.655	1674.133	1006.133	91.92	129.57	91.38	91.66	28.26266	10.41149	61.32585	27.35303	33.97282	31.05624	9
1673.66	1674.139	1006.139	90.71	124.85	89.29	88.84	37.3381	5.937963	56.72394	37.74948	18.97445	31.53057	9
1673.665	1674.144	1006.144	89.4	111.63	88.01	86.29	41.51004	4.808366	53.68159	20.91392	32.76767	32.14161	9
1673.67	1674.149	1006.149	90.86	120.13	89.99	89.48	34.07984	7.901248	58.01891	30.36368	27.65523	31.41128	9
1673.675	1674.154	1006.154	87.44	314.92	86.16	83.3	0	18.41224	81.58776	81.58776	0	-9999	9
1673.68	1674.159	1006.159	89.72	251.13	89.01	88.41	2.18664	16.93865	80.87471	80.87471	0	-9999	9
1673.685	1674.165	1006.165	90.34	119.92	89.22	86.11	36.54656	6.687407	56.76603	33.33831	23.42772	31.9958	9
1673.69	1674.17	1006.17	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1674.02	1674.513	1006.513	101.13	43.39	100.9	100.53	38.24252	12.43932	49.31816	27.89187	21.42628	32.33801	6
1674.025	1674.519	1006.519	94.52	62.63	94.74	91	36.18014	11.14019	52.67967	26.06494	26.61473	32.67008	6
1674.03	1674.524	1006.524	81.99	57.29	80.9	80.22	59.15252	0.288284	40.5592	22.17857	18.38062	34.65464	6
1674.035	1674.529	1006.529	81.08	104.83	78.23	75.82	62.12504	0	37.87496	24.52767	13.34729	33.3164	6
1674.04	1674.534	1006.534	80.87	164.88	77.03	75.47	55.45864	0.941426	43.59993	20.04777	23.55216	32.05744	6
1674.045	1674.539	1006.539	81.54	119.34	78.61	75.67	58.81042	0	41.18958	9.935107	31.25447	33.65396	6
1674.05	1674.545	1006.545	82.82	161.95	77.81	75.96	63.4412	0	36.5588	22.91224	13.64656	30.82295	6
1674.055	1674.55	1006.55	82.53	181.3	77.6	73.41	58.4053	0	41.5947	14.93632	26.65838	32.03439	6
1674.06	1674.555	1006.555	82.04	83.31	79.63	77.06	63.03968	0	36.96032	12.37665	24.58367	33.50458	6
1674.065	1674.56	1006.56	81.17	55.73	79.03	77.06	68.42194	0	31.57806	13.97798	17.60008	33.29603	6
1674.07	1674.565	1006.565	82.31	56.45	80.69	79.88	63.1689	0	36.8311	18.66065	18.17045	34.00932	6
1674.075	1674.571	1006.571	81.59	18.72	81.24	81	63.11946	0	36.88054	8.426756	28.45378	35.37373	6
1674.08	1674.576	1006.576	79.37	9.93	79.27	79.35	65.35154	0	34.64846	9.33458	25.31388	34.93992	6
1674.085	1674.581	1006.581	77.01	18.09	76.73	76.72	66.94302	0	33.05698	22.19429	10.86269	34.29825	6
1674.09	1674.586	1006.586	75.29	32.34	73.65	72.39	75.61692	0	24.38308	11.34846	13.03462	33.51505	6
1674.095	1674.592	1006.592	73.78	27.86	72.52	71.45	75.14528	0	24.85472	8.432834	16.42189	33.59519	6
1674.1	1674.597	1006.597	74.87	43.47	72.89	71.62	75.94486	0	24.05514	9.433616	14.62152	33.47521	6
1674.105	1674.602	1006.602	74.38	38.56	72.92	71.33	73.55388	0	26.44612	7.854236	18.59188	33.68857	6
1674.11	1674.607	1006.607	75.05	42.63	73.39	70.8	73.50254	0	26.49746	18.20786	8.289602	33.81292	6
1674.115	1674.612	1006.612	74.82	44.51	73.08	70.27	73.87918	0	26.12082	5.646559	20.47426	33.84055	6

1674.12	1674.618	1006.618	74.95	69.1	73.02	72.94	69.2813	0	30.7187	11.63808	19.08062	33.48945	6
1674.125	1674.623	1006.623	77.21	104.35	74.14	72.69	67.5066	0	32.4934	22.6822	9.8112	33.28845	6
1674.13	1674.628	1006.628	78.34	82.73	76.53	75.94	61.93404	0	38.06596	17.07751	20.98845	34.0211	6
1674.135	1674.633	1006.633	77.02	57.72	75.74	74.89	65.09336	0	34.90664	8.828491	26.07815	34.0643	6
1674.14	1674.638	1006.638	75.03	27.5	74.94	76.22	65.0149	0	34.9851	9.88735	25.09775	34.0436	6
1674.145	1674.644	1006.644	73.35	22.86	72.59	71.7	72.87588	0	27.12412	21.09805	6.026068	33.67059	6
1674.15	1674.649	1006.649	72.51	28.68	71.52	70.02	74.02274	0	25.97726	21.4017	4.575555	33.71915	6
1674.155	1674.654	1006.654	72.44	23.89	71.96	72.71	71.29382	0	28.70618	19.30527	9.400906	33.41072	6
1674.16	1674.659	1006.659	73.09	26.23	72.57	76.59	70.43954	0	29.56046	17.38122	12.17924	32.88051	6
1674.165	1674.664	1006.664	71.83	24.73	71.62	71.15	69.55924	0	30.44076	9.793034	20.64773	33.69163	6
1674.17	1674.67	1006.67	70.92	22.06	70.13	69.04	75.53758	0	24.46242	17.78334	6.679084	33.58861	6
1674.175	1674.675	1006.675	70.23	18.59	69.37	68.86	77.55462	0	22.44538	3.902906	18.54247	33.47378	6
1674.18	1674.68	1006.68	69.82	16.34	69.27	68.66	76.07382	0	23.92618	21.33094	2.595241	33.43444	6
1674.185	1674.685	1006.685	69.81	25.19	69.23	68.92	74.17382	0	25.82618	23.68643	2.139746	33.41869	6
1674.19	1674.69	1006.69	68.92	18.32	68.51	68.33	75.33766	0	24.66234	7.365736	17.2966	33.30928	6
1674.195	1674.696	1006.696	70.9	22.53	70.13	68.81	75.28724	0	24.71276	6.253891	18.45887	33.63201	6
1674.2	1674.701	1006.701	73.26	46.03	71.55	70.65	74.71404	0	25.28596	13.48055	11.80541	33.56461	6
1674.205	1674.706	1006.706	74.82	22.39	73.72	72.65	74.27222	0	25.72778	14.8498	10.87798	33.63886	6
1674.21	1674.711	1006.711	78.92	42.61	77.58	74.72	67.46698	0	32.53302	12.31116	20.22186	34.23934	6
1674.215	1674.716	1006.716	80.28	45.4	79.03	76.53	64.8431	0	35.1569	18.63186	16.52504	34.49568	6
1674.22	1674.722	1006.722	79.78	34.4	79.2	77.53	62.7726	0	37.2274	16.76002	20.46738	35.11742	6
1674.225	1674.727	1006.727	81.62	28.78	81.18	80.61	61.35484	0	38.64516	19.95917	18.68599	35.51376	6
1674.23	1674.732	1006.732	83.9	144.14	80.94	79.45	50.87012	1.44491	47.68497	24.27934	23.40563	32.1298	6
1674.235	1674.737	1006.737	82.27	66.14	81.67	79.94	52.95572	2.266676	44.7776	31.33343	13.44417	33.67791	6
1674.24	1674.742	1006.742	83.9	36.59	84.09	84.37	52.48472	3.146409	44.36887	23.95966	20.40922	33.79554	6
1674.245	1674.748	1006.748	82.44	38.67	82.35	79.47	55.49456	1.88125	42.62419	29.7923	12.83189	34.7581	6
1674.25	1674.753	1006.753	82.91	46.36	82.43	78.18	56.22368	1.458761	42.31756	16.59193	25.72563	35.03164	6
1674.255	1674.758	1006.758	84.73	56.2	84.22	82.56	52.4005	2.63305	44.96645	17.56323	27.40322	33.88328	6
1674.26	1674.763	1006.763	80.11	20.54	79.96	79.29	62.49062	0	37.50938	14.69071	22.81867	35.44664	6
1674.265	1674.769	1006.769	80.2	38.62	80.31	80.88	56.01746	1.613972	42.36857	23.05179	19.31678	34.09972	6
1674.27	1674.774	1006.774	80.72	38.95	80.72	80.89	56.3117	1.534263	42.15404	27.62528	14.52875	34.2416	6
1674.275	1674.779	1006.779	81.17	57.65	80.76	77.72	54.5498	1.875347	43.57485	12.18694	31.38791	34.24337	6
1674.28	1674.784	1006.784	80.99	67.89	80.31	76.92	54.32982	1.821069	43.84911	24.58816	19.26095	34.08066	6
1674.285	1674.789	1006.789	80.93	79.34	78.81	75.72	62.77412	0	37.22588	16.45983	20.76605	34.00686	6
1674.29	1674.795	1006.795	80.16	69.02	78.31	73.27	63.88746	0	36.11254	12.7484	23.36414	34.53255	6
1674.295	1674.8	1006.8	81.09	68.87	79.51	74.62	60.97566	0	39.02434	16.78045	22.24389	35.03362	6
1674.3	1674.805	1006.805	80.71	88.79	79.78	74.11	51.46712	2.535442	45.99744	18.63492	27.36252	33.69798	6
1674.305	1674.81	1006.81	79.38	86.84	76.12	72.21	71.22012	0	28.77988	9.351256	19.42862	32.98314	6
1674.31	1674.815	1006.815	82.02	113.31	78.19	76.25	66.80308	0	33.19692	23.42372	9.773196	31.78269	6
1674.315	1674.821	1006.821	83.01	95.17	79.76	79.02	65.78716	0	34.21284	12.22162	21.99122	31.88709	6
1674.32	1674.826	1006.826	83.16	61.76	80.43	78.33	69.70438	0	30.29562	23.04511	7.250513	32.39912	6
1674.325	1674.831	1006.831	83.29	34.13	82.51	81.45	61.15874	0	38.84126	9.370582	29.47068	35.45142	6
1674.33	1674.836	1006.836	86.31	25.49	85.44	84.83	61.16872	0	38.83128	21.54423	17.28705	35.73412	6
1674.335	1674.841	1006.841	88.38	19.92	87.73	86.94	58.90726	1.035328	40.05741	22.29058	17.76683	35.5821	6
1674.34	1674.847	1006.847	90.55	46.46	89.55	88.06	53.20068	2.281778	44.51754	20.0582	24.45934	34.44456	6
1674.345	1674.852	1006.852	86.64	41.82	86.68	87.5	49.86076	4.246455	45.89279	24.83619	21.0566	33.34417	6
1674.35	1674.857	1006.857	81.71	29.88	82.55	83.41	51.08584	3.614267	45.29989	28.04889	17.251	33.51553	6
1674.355	1674.862	1006.862	81.03	30.95	82.29	83.47	48.1975	4.53359	47.26891	33.45385	13.81506	33.05601	6
1674.36	1674.867	1006.867	80.64	26.88	81.11	82.72	55.66374	1.922521	42.41374	21.75912	20.65462	34.07658	6
1674.365	1674.873	1006.873	79.2	31.96	78.82	77.65	62.34668	0	37.65332	14.00911	23.64421	35.16645	6
1674.37	1674.878	1006.878	74.97	93.87	74.66	72.43	50.71356	2.916554	46.36989	16.39429	29.97559	32.50376	10
1674.375	1674.883	1006.883	75.7	124.9	74.93	69.46	46.0977	4.276328	49.62597	24.4993	25.12667	32.0364	10
1674.38	1674.888	1006.888	75.59	94.27	72.89	67	68.56886	0	31.43114	19.36905	12.06209	34.40746	10
1674.385	1674.893	1006.893	77.79	83.94	75.29	71.33	67.49472	0	32.50528	20.36339	12.14189	33.85323	10
1674.39	1674.899	1006.899	82.59	77.1	81.44	76.72	54.2715	1.598274	44.13023	23.1629	20.96733	34.25995	10
1674.395	1674.904	1006.904	89.38	86.54	88.54	88.16	43.33772	5.19324	51.46904	28.30239	23.16665	32.35119	10
1674.4	1674.909	1006.909	94.01	81.48	93.8	95.9	35.42014	9.8654	54.71446	33.0343	21.68016	31.43289	10
1674.405	1674.914	1006.914	96.17	76.7	95.7	96.16	36.6047	9.515165	53.88013	26.41109	27.46904	31.92604	10
1674.41	1674.919	1006.919	97.69	68.57	97.37	97.92	36.01126	10.83319	53.15555	20.56024	32.59531	31.90734	10
1674.415	1674.925	1006.925	101.08	84.57	100.53	98.8	30.80296	12.91881	56.27823	40.76528	15.51294	31.97173	10
1674.42	1674.93	1006.93	106.7	90.93	106.79	108.24	19.13344	24.30845	56.55811	42.7447	13.81341	30.58974	10
1674.425	1674.935	1006.935	107.68	85.33	108.12	108.45	16.87454	28.79192	54.33354	43.00273	11.3308	30.48796	10
1674.43	1674.94	1006.94	108.37	104.2	108.04	107.86	17.6407	23.16122	59.19808	42.22369	16.97439	31.0319	10
1674.435	1674.946	1006.946	107.59	122.36	107.7	108.26	10.55358	27.821	61.62542	57.64415	3.981275	31.02049	10
1674.44	1674.951	1006.951	104.54	110.37	103.71	101.82	23.54616	15.22071	61.23313	27.09102	34.14211	31.78327	10
1674.445	1674.956	1006.956	103.11	96.79	102.86	102.76	23.65312	17.70881	58.63807	29.32307	29.315	31.27992	10
1674.45	1674.961	1006.961	101.86	91.34	101.52	100.61	26.81952	15.51615	57.66433	23.78633	33.878	31.56892	10
1674.455	1674.966	1006.966	100.81	90.45	100.37	99.55	28.7759	13.87299	57.35111	40.80578	16.54533	31.6649	10
1674.46	1674.972	1006.972	101.59	73.8	101.53	101.51	29.1426	16.14424	54.71316	35.84645	18.86671	31.44962	10
1674.465	1674.977	1006.977	107.93	76.33	108.05	108.41	21.30254	25.28838	53.40908	32.42307	20.98601	30.61114	10
1674.47	1674.982	1006.982	111.29	90.12	111.59	112.29	13.47916	33.54544	52.9754	34.93046	18.04494	30.04495	10
1674.475	1674.987	1006.987	112.94	78.12	113.22	114.24	15.02016	35.52115	49.45869	33.99946	15.45923	29.56868	10
1674.48	1674.992	1006.992	113.79	81.34	114.39	115.33	10.97892	41.83967	47.18141	44.439	2.74241	29.17306	10

1674.485	1674.998	1006.998	113.14	92.84	113.67	114.71	9.33642	40.25154	50.41204	43.56137	6.850678	29.55633	10
1674.49	1675.003	1007.003	113.18	98.46	113.43	116	10.10958	36.95557	52.93485	34.59695	18.33791	29.55683	10
1674.495	1675.008	1007.008	115.07	89.36	115.22	116.94	11.34798	38.6764	49.97562	39.20833	10.76729	29.27762	10
1674.5	1675.013	1007.013	118.07	91.31	117.8	118.55	11.37108	38.34488	50.28404	27.68488	22.59917	29.30316	10
1674.505	1675.018	1007.018	124.46	87.97	125.76	127.61	0	90.5378	9.462196	9.462196	0	-9999	10
1674.51	1675.024	1007.024	129.87	74.17	130.84	130.86	0	100	0	0	0	-9999	10
1674.515	1675.029	1007.029	130.55	98.1	131.23	128.67	0	100	0	0	0	-9999	10
1674.52	1675.034	1007.034	131.49	100.95	132.45	133.59	0	100	0	0	0	-9999	10
1674.525	1675.039	1007.039	132.07	97.93	132.33	131.89	0	97.46718	2.532822	2.532822	0	-9999	10
1674.53	1675.044	1007.044	132.91	116.06	133.41	133.41	0	100	0	0	0	-9999	10
1674.535	1675.05	1007.05	132.33	96.89	133	133.35	0	100	0	0	0	-9999	10
1674.54	1675.055	1007.055	130.65	98.52	131.04	135.78	0	94.89872	5.101277	5.101277	0	-9999	10
1674.545	1675.06	1007.06	128.65	101.94	128.86	130.41	0	80.75595	19.24405	19.24405	0	-9999	10
1674.55	1675.065	1007.065	129.14	95.63	129.3	132.02	0	80.8849	19.1151	19.1151	0	-9999	10
1674.555	1675.07	1007.07	131.58	87.23	132.18	134.59	0	100	0	0	0	-9999	10
1674.56	1675.076	1007.076	132.49	83.12	133.14	133.41	0	100	0	0	0	-9999	10
1674.565	1675.081	1007.081	130.19	116.73	131.5	134	0	100	0	0	0	-9999	10
1674.57	1675.086	1007.086	131.43	131.56	132.92	135.27	0	100	0	0	0	-9999	10
1674.575	1675.091	1007.091	132.83	116.19	133.69	132.84	0	100	0	0	0	-9999	10
1674.58	1675.096	1007.096	134.36	110.09	135.39	136.87	0	100	0	0	0	-9999	10
1674.585	1675.102	1007.102	133.43	97.53	134.49	135	0	100	0	0	0	-9999	10
1674.59	1675.107	1007.107	133.08	109.56	134.11	135.74	0	100	0	0	0	-9999	10
1674.595	1675.112	1007.112	133.09	112.61	133.96	135.27	0	100	0	0	0	-9999	10
1674.6	1675.117	1007.117	131.46	153.31	133.11	133.68	0	100	0	0	0	-9999	10
1674.605	1675.123	1007.123	134.38	98	134.62	135.27	0	100	0	0	0	-9999	10
1674.61	1675.128	1007.128	134.11	114.88	134.78	133.66	0	100	0	0	0	-9999	10
1674.615	1675.133	1007.133	133.63	84.47	133.94	133.39	0	100	0	0	0	-9999	10
1674.62	1675.138	1007.138	132.85	88.35	133.66	133.39	0	100	0	0	0	-9999	10
1674.625	1675.143	1007.143	131.71	83.83	132.68	134.33	0	100	0	0	0	-9999	10
1674.63	1675.149	1007.149	131.56	87.58	132.31	133.66	0	100	0	0	0	-9999	10
1674.635	1675.154	1007.154	130.52	77.32	131.02	131.82	0	96.36845	3.631548	3.631548	0	-9999	10
1674.64	1675.159	1007.159	129.9	89.73	130.81	132.28	0	100	0	0	0	-9999	10
1674.645	1675.164	1007.164	129.16	96.29	129.65	131.53	0	90.83082	9.169184	9.169184	0	-9999	10
1674.65	1675.169	1007.169	129.87	104.28	130.17	130.18	0	88.82868	11.17132	11.17132	0	-9999	10
1674.655	1675.175	1007.175	129.08	114.58	129.33	130.28	0	84.56831	15.43169	15.43169	0	-9999	10
1674.66	1675.18	1007.18	128.62	114.45	129	129.84	0	86.39371	13.60629	13.60629	0	-9999	10
1674.665	1675.185	1007.185	127.73	115.39	128.55	131.65	0	95.0423	4.957695	4.957695	0	-9999	10
1674.67	1675.19	1007.19	126.28	95.23	126.87	128.89	0	80.98072	19.01928	19.01928	0	-9999	10
1674.675	1675.195	1007.195	122.66	101.33	123.12	123.2	0	64.90183	35.09817	35.09817	0	-9999	10
1674.68	1675.201	1007.201	117.53	70.25	117.99	117.42	11.3069	47.85772	40.83538	20.57478	20.2606	28.4008	10
1674.685	1675.206	1007.206	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1675.065	1675.605	1007.605	120.18	111.19	120.65	122.79	0	58.05445	41.94555	41.94555	0	-9999	10
1675.07	1675.61	1007.61	123.03	140.46	123.64	125.86	0	72.09622	27.90378	27.90378	0	-9999	10
1675.075	1675.615	1007.615	125.14	115.9	125.81	125.04	0	79.77884	20.22116	20.22116	0	-9999	10
1675.08	1675.62	1007.62	122.11	142.21	122.44	123.43	0	63.1408	36.8592	36.8592	0	-9999	10
1675.085	1675.625	1007.625	120.25	113.29	120.03	120.35	3.65882	45.38202	50.95916	50.95916	0	-9999	10
1675.09	1675.63	1007.63	118.83	104.53	118.65	118.39	6.77514	42.34779	50.87707	50.87707	0	-9999	10
1675.095	1675.635	1007.635	120.48	108.46	120.73	119.82	0.97358	54.50645	44.51997	44.51997	0	-9999	10
1675.1	1675.64	1007.64	118.45	90.3	118.56	118.45	8.3209	45.53341	46.14569	34.19779	11.94789	28.8687	10
1675.105	1675.645	1007.645	116.57	89.66	116.33	115.41	12.91788	35.79217	51.28995	26.28213	25.00781	29.86413	10
1675.11	1675.65	1007.65	112.43	121.17	112.28	111.31	8.40376	31.99277	59.60347	53.62864	5.974826	30.97887	10
1675.115	1675.655	1007.655	109.72	126.69	109.47	109.74	10.33612	27.2374	62.42648	55.29006	7.136423	31.0995	10
1675.12	1675.66	1007.66	108.93	94.31	108.31	108.04	21.76638	20.16378	58.06984	43.14115	14.92869	31.16014	10
1675.125	1675.665	1007.665	112.43	105.23	111.33	109.35	19.62374	19.23819	61.13807	32.87623	28.26184	31.62679	10
1675.13	1675.67	1007.67	112.49	95	112.93	113.82	10.1092	37.88182	52.00898	43.50475	8.504224	29.79603	10
1675.135	1675.675	1007.675	107.63	81.28	107.34	106.26	23.55814	21.13062	55.31124	39.56357	15.74767	31.20332	10
1675.14	1675.68	1007.68	102.93	74.09	102.22	102.2	32.87712	12.46271	54.66017	29.5572	25.10297	31.84193	10
1675.145	1675.685	1007.685	94.24	47.04	93.52	93.59	47.49552	5.138694	47.36579	14.86749	32.4983	33.399	10
1675.15	1675.69	1007.69	80.25	44.6	79.19	76.68	63.5918	0	36.4082	23.26394	13.14426	34.77956	7
1675.155	1675.695	1007.695	86.24	27.65	86.4	86.67	52.7279	3.516279	43.75582	23.26015	20.49567	34.04371	7
1675.16	1675.7	1007.7	87.16	21.32	87.38	87.43	52.94836	3.76041	43.29123	29.46524	13.82599	34.2328	7
1675.165	1675.705	1007.705	91.52	43.07	90.91	89.5	50.10616	4.078136	45.8157	32.00222	13.81349	33.98344	7
1675.17	1675.71	1007.71	96.81	29.36	96.79	96.49	43.98468	9.302679	46.71264	15.23234	31.4803	33.06382	7
1675.175	1675.715	1007.715	97.12	40.82	96.29	92.96	47.20366	5.637849	47.15849	20.78533	26.37316	34.14141	7
1675.18	1675.72	1007.72	95.61	39.07	95	92.8	47.31136	5.88912	46.79952	19.38277	27.41675	33.88602	7
1675.185	1675.725	1007.725	96.23	39.26	96.43	93.9	40.41748	10.77981	48.80271	25.94518	22.85752	32.96247	7
1675.19	1675.73	1007.73	96.81	34.39	96.96	95.55	41.44992	10.63275	47.91733	23.19164	24.72568	32.89966	7
1675.195	1675.735	1007.735	99.56	33.67	99.85	99.06	38.00916	13.93176	48.05908	23.8658	24.19328	32.32073	7
1675.2	1675.74	1007.74	98.52	27.55	98.41	95.96	43.547	9.980552	46.47245	26.73008	19.74237	33.41593	7
1675.205	1675.745	1007.745	98.99	20.41	99	98.79	43.91248	10.65719	45.43033	32.82913	12.6012	33.05018	7
1675.21	1675.75	1007.75	100.09	37.81	100.48	100.93	35.74468	15.43516	48.82016	24.47639	24.34377	31.81715	7
1675.215	1675.755	1007.755	96.26	66.62	95.18	90.06	43.68876	5.5746	50.73664	18.10141	32.63523	33.81599	1
1675.22	1675.76	1007.76	88.37	29.36	87.98	86.06	54.61698	2.633462	42.74956	16.99575	25.75381	34.83675	1

1675.225	1675.765	1007.765	86.24	34.97	86.17	86.39	52.73896	3.221159	44.03988	28.85807	15.18181	33.95667	1
1675.23	1675.77	1007.77	85.13	35.41	84.84	83.88	55.35868	2.066328	42.57499	24.62913	17.94587	34.55435	1
1675.235	1675.775	1007.775	87.23	38.68	86.41	84.82	56.74284	1.282393	41.97477	15.78719	26.18758	34.99014	1
1675.24	1675.78	1007.78	88.16	24.36	88	88.78	54.23768	3.060547	42.70177	14.27886	28.42292	34.31942	1
1675.245	1675.785	1007.785	88.86	25.78	88.63	87.88	53.79254	3.221251	42.98621	14.87015	28.11606	34.53575	1
1675.25	1675.79	1007.79	87	25.82	86.55	84.76	57.19906	1.612774	41.18817	14.63246	26.5557	35.26996	1
1675.255	1675.795	1007.795	85.18	37.43	84.5	83.94	57.84634	0.985909	41.16775	13.55136	27.61639	34.9043	1
1675.26	1675.8	1007.8	83.68	34.21	82.59	80.59	63.18308	0	36.81692	13.94389	22.87303	34.99512	1
1675.265	1675.805	1007.805	85.46	27.9	84.88	84.53	59.12	0.752762	40.12724	25.04349	15.08375	35.26904	1
1675.27	1675.81	1007.81	85.97	36.17	85.54	84.5	55.48696	1.982443	42.5306	20.41722	22.11338	34.62277	1
1675.275	1675.815	1007.815	86.47	42.63	86.12	84.53	52.84364	2.881104	44.27526	29.10535	15.16991	34.21476	1
1675.28	1675.82	1007.82	86.81	46.31	86.99	88.12	47.53278	5.125862	47.34136	32.47083	14.87053	32.91303	1
1675.285	1675.825	1007.825	84.53	30.34	84.41	84	55.82012	2.026119	42.15376	24.57559	17.57817	34.57887	1
1675.29	1675.83	1007.83	83.46	29.92	83.37	83.94	56.67366	1.671066	41.65527	27.82421	13.83106	34.50475	1
1675.295	1675.835	1007.835	83.13	22.77	83.12	82.35	58.08756	1.297091	40.61535	17.44305	23.17229	35.10741	1
1675.3	1675.84	1007.84	82.79	35.48	82.54	79.83	57.18454	1.337195	41.47826	14.08705	27.39121	35.07848	1
1675.305	1675.845	1007.845	80.43	35.06	79.57	75.35	64.18488	0	35.81512	21.47814	14.33698	35.24692	1
1675.31	1675.85	1007.85	80.09	33.3	78.65	76.24	69.4186	0	30.5814	7.685661	22.89574	33.96288	1
1675.315	1675.855	1007.855	80.81	21.38	80.28	79.67	64.58834	0	35.41166	8.786102	26.62556	34.9394	1
1675.32	1675.86	1007.86	81.55	63.49	79.65	79.18	64.33442	0	35.66558	15.0106	20.65498	33.53325	1
1675.325	1675.865	1007.865	86.41	132.99	82.04	78.06	62.18672	0	37.81328	9.419692	28.39359	30.29641	1
1675.33	1675.87	1007.87	83.15	62.92	81.33	77.83	62.38036	0	37.61964	10.58479	27.03485	34.32623	1
1675.335	1675.875	1007.875	82.99	67.8	81.39	76.76	59.6416	0	40.3584	16.10279	24.25561	35.12952	1
1675.34	1675.88	1007.88	78.89	23.22	78.14	76.53	67.61446	0	32.38554	20.35646	12.02908	34.42978	1
1675.345	1675.885	1007.885	78.59	15.69	78.05	77.41	68.08522	0	31.91478	6.400298	25.51448	34.35001	1
1675.35	1675.89	1007.89	79.38	14.22	78.95	78.53	66.86166	0	33.13834	20.12767	13.01067	34.59616	1
1675.355	1675.895	1007.895	79.48	26.85	79.29	77.55	61.8532	0	38.1468	14.34309	23.80371	35.53856	1
1675.36	1675.9	1007.9	79.63	30.38	78.67	77.94	66.82844	0	33.17156	17.5611	15.61046	34.21553	1
1675.365	1675.905	1007.905	78.8	17.32	78.31	77.76	67.11006	0	32.88994	25.0022	7.887743	34.46767	1
1675.37	1675.91	1007.91	78.89	15.27	78.35	78.65	67.91086	0	32.08914	20.33226	11.75688	34.22563	1
1675.375	1675.915	1007.915	81.95	20.82	81.13	80.28	65.92256	0	34.07744	22.34192	11.73552	34.69441	1
1675.38	1675.92	1007.92	86.55	14.46	86.33	86.53	58.57968	1.45734	39.96298	10.68702	29.27596	35.30076	1
1675.385	1675.925	1007.925	89.96	16.65	89.86	90.24	53.9825	3.672699	42.3448	22.51941	19.82539	34.49795	1
1675.39	1675.93	1007.93	90.09	27.95	89.57	88.5	54.3833	2.787842	42.82886	28.66493	14.16393	34.73308	1
1675.395	1675.935	1007.935	90.45	43.87	89.43	86.59	54.07446	1.99096	43.93458	23.55314	20.38144	34.8616	1
1675.4	1675.94	1007.94	90.38	68.19	88.95	83.76	51.43092	1.98402	46.58506	29.16414	17.42092	34.58004	1
1675.405	1675.945	1007.945	89.41	39.57	88.82	87.17	52.73936	3.001506	44.25913	14.73405	29.52509	34.39184	1
1675.41	1675.95	1007.95	89.51	57.48	89.38	90.18	44.74814	6.073765	49.17809	17.22132	31.95678	32.59935	1
1675.415	1675.955	1007.955	88.32	79.46	86.65	84.18	52.45878	1.374322	46.1669	27.75292	18.41398	33.94767	1
1675.42	1675.96	1007.96	85.19	57.85	83.13	80.56	63.5905	0	36.4095	13.2691	23.1404	33.62288	1
1675.425	1675.965	1007.965	84.49	35.92	83.35	81.82	62.41156	0	37.58844	10.2458	27.34264	34.99726	1
1675.43	1675.97	1007.97	83.2	32.4	82.49	83	61.1177	0	38.8823	24.30114	14.58116	35.2445	9
1675.435	1675.975	1007.975	84.94	42.29	84.21	83.78	57.27852	1.082056	41.63942	21.62092	20.0185	34.68563	9
1675.44	1675.98	1007.98	89.51	80.7	87.49	83.28	53.7764	0.417116	45.80648	19.50822	26.29826	34.57522	9
1675.445	1675.985	1007.985	91.35	96.18	89.8	85.39	44.69494	3.648409	51.65665	19.00497	32.65168	33.27222	9
1675.45	1675.99	1007.99	95.32	101.51	94.57	91.07	33.55268	9.212349	57.23497	39.03422	18.20075	32.28467	9
1675.455	1675.995	1007.995	94.02	105.03	94.14	88.41	27.15434	13.12452	59.72114	38.91626	20.80488	32.35434	9
1675.46	1676	1008	95.01	117.64	93.92	90.04	32.56942	8.41818	59.0124	35.78863	23.22377	32.20493	9
1675.465	1676.005	1008.005	94.11	94.27	92.61	91	42.23046	4.517577	53.25196	36.49109	16.76087	32.69513	9
1675.47	1676.01	1008.01	99.54	107.65	100.16	100.63	17.5669	21.15324	61.27986	32.26222	29.01764	31.12887	9
1675.475	1676.015	1008.015	97.07	92.12	96.2	95.67	35.14506	8.847866	56.00707	33.45801	22.54906	31.97343	9
1675.48	1676.02	1008.02	99.77	102.5	100.19	99.36	20.1516	19.67643	60.17197	34.5568	25.61518	31.34755	9
1675.485	1676.025	1008.025	96.72	99.18	96.71	94.86	27.09354	14.00451	58.90195	35.07641	23.82554	31.69667	9
1675.49	1676.03	1008.03	98.56	181.29	97.7	97.06	12.11762	15.74971	72.13267	54.16958	17.96309	31.70344	9
1675.495	1676.035	1008.035	93.33	76.6	92.67	90.48	40.7142	6.973703	52.3121	17.57291	34.73919	32.69932	9
1675.5	1676.04	1008.04	99.87	122.73	98.96	98.41	25.47144	12.25248	62.27608	39.09743	23.17865	31.51437	9
1675.505	1676.045	1008.045	101.71	208.93	101.26	89.22	0	22.52357	77.47643	77.47643	0	-9999	9
1675.51	1676.05	1008.05	97.86	161.19	95.53	87.2	29.01832	5.68709	65.29459	27.80679	37.4878	32.93074	2
1675.515	1676.055	1008.055	96.05	143.2	93.14	89.2	39.5321	1.385037	59.08286	33.78181	25.30106	32.72734	2
1675.52	1676.06	1008.06	94.43	149.04	91.12	87.14	42.70922	0.035594	57.25519	31.75389	25.5013	32.81323	2
1675.525	1676.065	1008.065	98.92	142.73	98.52	94.11	17.55294	16.23288	66.21418	41.90602	24.30816	32.1497	2
1675.53	1676.07	1008.07	99.41	111.38	97.23	94.78	38.48384	3.437428	58.07873	30.85389	27.22484	32.83757	2
1675.535	1676.075	1008.075	92.38	43.9	91.45	90	51.5941	3.104088	45.30181	25.74141	19.5604	34.2777	2
1675.54	1676.08	1008.08	91.01	38.83	89.89	88.17	55.55394	1.438432	43.00763	30.22007	12.78756	35.01898	2
1675.545	1676.085	1008.085	89.27	38.29	88.14	87.32	57.36292	0.796278	41.8408	25.42827	16.41253	35.09979	2
1675.55	1676.09	1008.09	90.39	74.17	88.5	87.02	53.53956	0.606637	45.8538	21.98031	23.87349	34.1847	2
1675.555	1676.095	1008.095	90.99	54.5	90.67	89.94	45.5802	5.839922	48.57988	30.98415	17.59573	33.07021	2
1675.56	1676.1	1008.1	99.68	131.24	99.89	99.59	14.90682	20.09297	65.00021	53.42512	11.57509	31.41899	2
1675.565	1676.105	1008.105	103.84	146.31	103.12	104.35	14.64018	17.97767	67.38215	46.31133	21.07082	31.29921	2
1675.57	1676.11	1008.11	101.39	105.96	100.31	96.81	29.44888	10.88437	59.66675	31.25102	28.41573	32.304	2
1675.575	1676.115	1008.115	96.26	71.14	94.13	91.08	50.73242	0.403755	48.86382	27.51465	21.34918	34.55254	2
1675.58	1676.12	1008.12	90.46	25.18	89.56	88.67	57.65824	1.216474	41.12529	26.52933	14.59595	35.38967	2
1675.585	1676.125	1008.125	88.16	14.81	87.9	85.79	57.32378	2.042995	40.63322	16.93518	23.69805	35.54234	2

1675.59	1676.13	1008.13	87.34	12.22	87.2	87.08	57.77496	1.934642	40.2904	16.75053	23.53987	35.26066	2
1675.595	1676.135	1008.135	86.31	16.84	85.93	86.06	59.46452	0.9753	39.56018	28.67764	10.88254	35.44813	2
1675.6	1676.14	1008.14	86.34	30.57	84.98	83.43	63.70926	0	36.29074	16.61476	19.67598	34.66971	2
1675.605	1676.145	1008.145	87.2	37.91	85.59	83.49	63.07928	0	36.92072	22.77673	14.14399	34.40067	2
1675.61	1676.15	1008.15	92.54	89.89	90.8	84.65	46.59482	2.718971	50.68621	30.57346	20.11275	33.99214	2
1675.615	1676.155	1008.155	106.14	127.22	104.98	102.68	20.55396	14.76404	64.682	35.02419	29.65782	31.96552	2
1675.62	1676.16	1008.16	111.22	106.12	111.22	108.95	11.99656	30.8932	57.11024	43.87486	13.23538	30.99418	2
1675.625	1676.165	1008.165	103.04	104.8	101.62	101.86	30.8466	9.281996	59.8714	25.55373	34.31767	31.83222	2
1675.63	1676.17	1008.17	96.01	112.24	93.94	92.08	40.55122	3.434698	56.01408	22.10831	33.90578	32.61216	2
1675.635	1676.175	1008.175	99.91	141.02	99.51	94.9	17.05596	16.85827	66.08577	47.08917	18.99659	32.21333	2
1675.64	1676.18	1008.18	97.36	132.86	96.63	84.61	23.93418	12.55607	63.50975	44.93907	18.57068	33.48148	2
1675.645	1676.185	1008.185	91.49	83.55	89.67	84.98	49.7151	1.727338	48.55756	30.82341	17.73415	34.1455	2
1675.65	1676.19	1008.19	87.83	60	86.53	83.53	54.7514	1.237142	44.01146	27.82669	16.18476	34.64395	2
1675.655	1676.195	1008.195	85.14	43.16	83.96	83.83	60.37148	0	39.62852	7.023939	32.60458	34.97068	2
1675.66	1676.2	1008.2	88.79	91.62	86.02	83	57.60866	0	42.39134	26.35477	16.03657	32.70581	2
1675.665	1676.205	1008.205	91.85	37.1	91.65	90.41	48.0698	5.648724	46.28148	32.36143	13.92004	33.6908	2
1675.67	1676.21	1008.21	93.63	27.25	93.37	91.37	49.2809	5.727338	44.99176	21.39043	23.60133	34.15146	2
1675.675	1676.215	1008.215	93.82	28.48	92.96	90.88	53.45844	3.005769	43.53579	26.933	16.60279	34.92797	2
1675.68	1676.22	1008.22	90.38	13.72	90.16	90.12	55.23516	3.197492	41.56735	23.57309	17.99426	34.85323	2
1675.685	1676.225	1008.225	89.82	19.06	89.39	89.17	56.08558	2.428288	41.48613	12.25905	29.22708	34.97594	2
1675.69	1676.23	1008.23	90.26	23.16	89.76	88.82	55.23108	2.622109	42.14681	12.63746	29.50935	34.9223	2
1675.695	1676.235	1008.235	89.77	29.79	89.47	87	52.52742	3.651126	43.82145	26.5195	17.30195	34.62411	2
1675.7	1676.24	1008.24	97.87	47.11	97.92	96.41	38.17148	11.76371	50.06481	17.2096	32.85521	32.50594	2
1675.705	1676.245	1008.245	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1678	1678.553	1010.553	117.24	125.01	117.22	118.67	2.04178	42.98973	54.96849	54.96849	0	-9999	-9999
1678.005	1678.558	1010.558	96.14	94.4	94.4	94	42.1914	3.940732	53.86787	30.16743	23.70044	32.60988	-9999
1678.01	1678.563	1010.563	91.84	74.54	90.7	90.16	46.30352	4.052111	49.64437	16.34818	33.29619	32.97767	-9999
1678.015	1678.568	1010.568	89.55	33.56	88.89	88.61	54.60748	2.380259	43.01226	16.58699	26.42527	34.5199	-9999
1678.02	1678.573	1010.573	88.99	55.47	87.71	86.82	54.62546	1.314776	44.05976	14.81818	29.24159	34.35144	-9999
1678.025	1678.578	1010.578	87.22	48.25	86.59	85.94	52.9636	2.583878	44.45252	21.69863	22.7539	34.00134	-9999
1678.03	1678.583	1010.583	87.2	49.98	86.22	86.5	55.27584	1.48571	43.23845	18.81478	24.42367	34.19994	-9999
1678.035	1678.588	1010.588	86.08	46.85	85.29	84.82	55.5912	1.558949	42.84985	11.78238	31.06747	34.36769	-9999
1678.04	1678.593	1010.593	85.93	55.01	85.24	84.76	52.97948	2.38681	44.63371	15.13192	29.50179	33.80713	4
1678.045	1678.598	1010.598	89.52	82.17	88.06	87.28	49.07146	2.588604	48.33994	30.33732	18.00262	33.16199	4
1678.05	1678.603	1010.603	97.53	255.5	92.06	89.18	30.8339	0	69.1661	29.59782	39.56828	26.49965	4
1678.055	1678.608	1010.608	94.88	176.64	91.45	87.75	36.54602	1.317826	62.13615	32.38551	29.75064	32.01127	4
1678.06	1678.613	1010.613	91.33	169.29	88.28	85.5	38.64572	2.672531	58.68175	25.49713	33.18462	31.5904	4
1678.065	1678.618	1010.618	93.32	202.24	89.24	86.12	36.82352	0.613327	62.56315	29.82217	32.74098	31.44996	4
1678.07	1678.623	1010.623	96	281.54	91.39	89.82	19.27482	2.864848	77.86033	52.22822	25.63211	30.75366	4
1678.075	1678.628	1010.628	96.56	316.55	91.24	84.44	15.7897	1.819638	82.39066	55.72725	26.66341	31.75531	4
1678.08	1678.633	1010.633	95.59	217.68	92.12	87.92	26.27114	3.809938	69.91892	44.11154	25.80739	31.50586	4
1678.085	1678.638	1010.638	93.61	235.33	89.51	86.77	28.70394	2.692645	68.60342	37.1405	31.46291	30.79256	4
1678.09	1678.643	1010.643	91.59	241.76	86.59	84.15	35.98128	0.418149	63.60057	36.3224	27.27818	30.52218	4
1678.095	1678.648	1010.648	94.35	265.75	88.98	86.92	30.504	0	69.496	24.89741	44.59859	29.68016	4
1678.1	1678.653	1010.653	95.34	180.12	91.96	91.04	34.89316	1.719684	63.38716	33.94815	29.439	31.42619	4
1678.105	1678.658	1010.658	102.04	311.13	95.98	91.34	17.79474	0	82.20526	47.04046	35.1648	23.79225	4
1678.11	1678.663	1010.663	104.99	413.07	98.84	92.91	0	0	100	100	0	-9999	4
1678.115	1678.668	1010.668	105.04	343.77	98.41	91.71	11.55336	0	88.44664	60.87325	27.57339	19.07263	4
1678.12	1678.673	1010.673	104.82	462.19	95.13	89.86	6.81312	0	93.18688	63.51562	29.67126	-9999	4
1678.125	1678.678	1010.678	99.96	384.25	92.69	90.4	11.3908	0	88.6092	58.91168	29.69752	24.14926	4
1678.13	1678.683	1010.683	93.25	211.61	88.57	86.47	39.27038	0	60.72962	23.13123	37.59839	29.82299	4
1678.135	1678.688	1010.688	100.41	431.93	90.5	86.7	19.89824	0	80.10176	45.03038	35.07138	10.75773	4
1678.14	1678.693	1010.693	99.57	416.12	89.84	85.57	23.10206	0	76.89794	32.31194	44.586	12.12267	4
1678.145	1678.698	1010.698	98.24	428.02	89.26	86.65	15.63336	0	84.36664	46.57012	37.79652	19.80112	4
1678.15	1678.704	1010.704	95.52	353.94	88.74	85.34	19.01312	0	80.98688	35.93323	45.05365	28.99578	4
1678.155	1678.709	1010.709	96.51	377.01	88.59	84.75	21.35438	0	78.64562	42.81021	35.83541	23.67759	4
1678.16	1678.714	1010.714	94.31	464.21	85.12	82.84	12.11848	0	87.88152	48.35274	39.52878	27.87967	4
1678.165	1678.719	1010.719	95.11	474.79	86.37	81.44	5.33462	0.455516	94.20986	69.13168	25.07818	-9999	4
1678.17	1678.724	1010.724	96.8	450.6	88.49	85.39	6.3013	0	93.6987	68.10303	25.59567	-9999	4
1678.175	1678.729	1010.729	88.14	244.02	84.39	81.16	28.92086	5.604541	65.4746	39.77753	25.69707	29.97359	4
1678.18	1678.734	1010.734	84.73	125.43	82.65	79	47.81434	2.633117	49.55254	25.18785	24.36469	32.51978	4
1678.185	1678.739	1010.739	83.01	61.41	82.3	80.04	54.27208	1.85599	43.87193	12.93394	30.93799	34.06567	4
1678.19	1678.744	1010.744	83.89	79.54	82.37	79.68	55.35252	1.004463	43.64302	25.92927	17.71375	34.0801	4
1678.195	1678.749	1010.749	86.24	106.41	83.18	79.82	58.62298	0	41.37702	18.6083	22.76872	32.58567	4
1678.2	1678.754	1010.754	88.48	276.64	82.08	78.53	41.25152	0	58.74848	31.00946	27.73902	29.75758	4
1678.205	1678.759	1010.759	88.82	218.66	84.33	80.94	40.16738	1.447711	58.38491	32.36579	26.01912	30.80486	4
1678.21	1678.764	1010.764	83.66	268.58	79.92	77.94	27.02144	7.862621	65.11594	38.93352	26.18242	28.808	4
1678.215	1678.769	1010.769	89.07	507.92	79.8	73.82	6.98146	7.508966	85.50957	79.48544	6.024137	-9999	4
1678.22	1678.774	1010.774	92.78	591.02	81.97	77.71	0	4.864287	95.13571	95.13571	0	-9999	4
1678.225	1678.779	1010.779	99.39	752.42	83.94	77.17	0	0	100	100	0	-9999	4
1678.23	1678.784	1010.784	94.17	645.95	82.51	79.41	0	4.159656	95.84034	95.84034	0	-9999	4
1678.235	1678.789	1010.789	86.44	265.33	81.16	78.49	37.18534	3.05389	59.76077	27.52902	32.23175	29.38614	4
1678.24	1678.794	1010.794	87.88	278.36	83.06	79	29.14228	4.749625	66.10809	41.21312	24.89497	29.55423	4

1678.245	1678.799	1010.799	84.36	105.8	82.78	80.14	49.0302	2.690413	48.27939	19.23388	29.0455	32.76546	4
1678.25	1678.804	1010.804	82.72	62.21	82	81.08	54.42278	1.800078	43.77714	31.6281	12.14904	33.8103	4
1678.255	1678.809	1010.809	82.37	59.63	81.59	81.89	55.83414	1.365715	42.80014	29.27786	13.52229	33.8355	4
1678.26	1678.814	1010.814	85	123.46	82.76	82.29	49.28268	2.067441	48.64988	34.0557	14.59417	32.16441	4
1678.265	1678.819	1010.819	79.82	43.19	79.86	80.41	55.80362	1.616063	42.58032	23.76335	18.81696	33.93213	4
1678.27	1678.824	1010.824	79.14	68.14	79.59	82.33	47.21382	4.072578	48.7136	25.42679	23.28681	31.9102	4
1678.275	1678.829	1010.829	79.27	94.88	77.98	76.23	54.10814	1.808086	44.08377	31.1762	12.90757	33.08635	4
1678.28	1678.834	1010.834	80.65	130.82	79.65	73.06	41.89356	5.186178	52.92026	32.47913	20.44114	32.11703	4
1678.285	1678.839	1010.839	78.42	162.64	77.48	66.05	35.77972	7.006815	57.21347	29.56992	27.64354	31.9975	4
1678.29	1678.844	1010.844	75.73	153.43	72.68	67.62	56.83584	2.010638	41.15352	13.26001	27.89352	32.56577	1
1678.295	1678.849	1010.849	74.07	130.48	70.68	68.86	66.55194	0	33.44806	7.479886	25.96817	34.03363	1
1678.3	1678.854	1010.854	72.38	19.46	71.96	72.27	71.95608	0	28.04392	13.97268	14.07124	33.42764	1
1678.305	1678.859	1010.859	74.16	26.36	73.62	71.62	69.57868	0	30.42132	9.416297	21.00502	34.06499	1
1678.31	1678.865	1010.865	75.69	32.11	75.12	73.8	67.01208	0	32.98792	22.40221	10.58571	34.2102	1
1678.315	1678.87	1010.87	76.29	47.55	75.37	71.16	65.4361	0	34.5639	18.46519	16.09871	34.76124	1
1678.32	1678.875	1010.875	77.28	72.37	75.59	71.39	64.48636	0	35.51364	14.86291	20.65073	34.50495	1
1678.325	1678.88	1010.88	73.75	59.14	72.19	69.04	69.92812	0	30.07188	23.19538	6.876498	34.10063	1
1678.33	1678.885	1010.885	72.53	47.17	71.82	69.61	67.35976	0	32.64024	20.38692	12.25332	34.14075	1
1678.335	1678.89	1010.89	72.58	85.45	69.97	67.68	72.775	0	27.225	20.0155	7.209504	33.97175	1
1678.34	1678.895	1010.895	71.5	46.64	70.29	68.39	72.31062	0	27.68938	15.88537	11.80401	33.83187	1
1678.345	1678.9	1010.9	71.72	64.98	69.69	65.77	74.02494	0	25.97506	13.44655	12.52851	34.25299	1
1678.35	1678.905	1010.905	72.41	64.84	70.1	67.51	75.59402	0	24.40598	9.169867	15.23611	33.94129	1
1678.355	1678.91	1010.91	72.89	66.28	70.11	67.39	78.44644	0	21.55356	15.49737	6.05619	33.94329	1
1678.36	1678.915	1010.915	71.65	48.67	69.47	66.66	79.19886	0	20.80114	13.80651	6.994627	34.04321	1
1678.365	1678.92	1010.92	70.79	32.31	69.45	68.21	77.43918	0	22.56082	16.29404	6.266776	33.65311	1
1678.37	1678.925	1010.925	68.53	24.57	67.8	67.39	76.66396	0	23.33604	11.51172	11.82432	33.39207	1
1678.375	1678.93	1010.93	69.46	35.64	68.79	69.22	72.66442	0	27.33558	18.57871	8.75687	33.30539	1
1678.38	1678.935	1010.935	68.84	40.51	68.54	69.04	69.18878	0	30.81122	9.716506	21.09471	33.34438	1
1678.385	1678.94	1010.94	68.19	41.02	67.68	67.37	71.29086	0	28.70914	13.61551	15.09363	33.43531	1
1678.39	1678.945	1010.945	69.62	32.79	68.8	67.42	74.36942	0	25.63058	13.46329	12.16729	33.62811	1
1678.395	1678.95	1010.95	69.72	23.71	69.61	69.21	70.97228	0	29.02772	16.88656	12.14116	33.41711	1
1678.4	1678.955	1010.955	70.03	29.77	70.17	71.04	67.28306	0	32.71694	16.57965	16.13729	33.38537	1
1678.405	1678.96	1010.96	70.13	34.72	69.95	70	68.47316	0	31.52684	23.32811	8.198731	33.50674	1
1678.41	1678.965	1010.965	70.83	32.13	71.63	71.98	60.86094	0	39.13906	26.19113	12.94793	34.14625	1
1678.415	1678.97	1010.97	73.74	40.81	73.25	72.86	66.08068	0	33.91932	21.27988	12.63944	33.98558	1
1678.42	1678.975	1010.975	71.23	24.76	70.82	69.89	71.65398	0	28.34602	22.74641	5.599607	33.60451	1
1678.425	1678.98	1010.98	69.88	33.86	69.84	69.04	67.82628	0	32.17372	21.89055	10.28317	33.66891	1
1678.43	1678.985	1010.985	71.13	34.73	71.21	70.86	65.53574	0	34.46426	21.36417	13.10009	33.85133	1
1678.435	1678.99	1010.99	70.58	29.87	70.02	69	72.17786	0	27.82214	11.12053	16.70161	33.5899	1
1678.44	1678.995	1010.995	70.82	26.66	70.28	68.8	72.57888	0	27.42112	10.0301	17.39102	33.66501	1
1678.445	1679	1011	71.64	34.52	71.19	71.27	69.22486	0	30.77514	21.23822	9.536924	33.56101	1
1678.45	1679.005	1011.005	71.64	41.24	70.98	70.5	69.22612	0	30.77388	14.2431	16.53078	33.67194	1
1678.455	1679.01	1011.01	70.81	35.62	70.09	68.27	71.81476	0	28.18524	18.74373	9.441512	33.77833	1
1678.46	1679.015	1011.015	70.76	49.91	69.5	66.92	72.58758	0	27.41242	17.69445	9.717969	33.97544	1
1678.465	1679.02	1011.02	74.4	73.16	73.36	68.5	61.90728	0.053097	38.03962	21.23222	16.8074	35.05095	1
1678.47	1679.026	1011.026	70.82	27.76	70.68	69.98	69.21268	0	30.78732	16.59433	14.19299	33.64015	1
1678.475	1679.031	1011.031	70.58	29.14	70.31	70.51	70.10702	0	29.89298	7.539787	22.35319	33.4215	1
1678.48	1679.036	1011.036	70.3	34.11	70	70.55	69.39438	0	30.60562	11.02785	19.57777	33.38467	1
1678.485	1679.041	1011.041	68.69	22.79	68.39	68.51	73.61502	0	26.38498	7.774937	18.61004	33.21698	1
1678.49	1679.046	1011.046	69.96	35.05	69.47	68.15	70.9522	0	29.0478	22.27822	6.769578	33.66701	1
1678.495	1679.051	1011.051	70.92	56.84	70.05	69.22	67.74082	0	32.25918	19.31896	12.94022	33.83782	1
1678.5	1679.056	1011.056	70.89	46.36	70.7	69.15	65.03458	0	34.96542	17.09512	17.8703	34.10873	1
1678.505	1679.061	1011.061	69.41	44.92	68.74	68.05	70.46466	0	29.53534	6.614081	22.92126	33.6033	1
1678.51	1679.066	1011.066	72.21	50.92	71.65	70.39	65.58416	0	34.41584	16.78384	17.632	34.09247	1
1678.515	1679.071	1011.071	74.91	71.82	73.74	73.15	62.76986	0	37.23014	25.42037	11.80977	34.22138	1
1678.52	1679.076	1011.076	73.81	106.61	71.18	69.57	66.67768	0	33.32232	14.60675	18.71557	33.99349	1
1678.525	1679.081	1011.081	71.23	60.81	69.86	68.89	70.36988	0	29.63012	15.25216	14.37796	33.77339	1
1678.53	1679.086	1011.086	75.36	117.27	72.19	70.09	66.85696	0	33.14304	9.568155	23.57489	33.77899	1
1678.535	1679.091	1011.091	72.01	41.24	71.45	72.15	68.11072	0	31.88928	8.86783	23.02145	33.53342	1
1678.54	1679.096	1011.096	74.94	144.83	71.87	69.77	59.79884	1.410138	38.79102	27.53517	11.25585	32.61	1
1678.545	1679.101	1011.101	72.67	64.82	71.12	70.68	69.46966	0	30.53034	6.911066	23.61927	33.67501	1
1678.55	1679.106	1011.106	75.01	89.88	73.02	72.72	64.66234	0	35.33766	11.42757	23.91009	33.81689	1
1678.555	1679.111	1011.111	74.58	52.53	73.64	72.51	65.95914	0	34.04086	22.53297	11.50789	34.07754	1
1678.56	1679.116	1011.116	74.13	88.4	72.29	70.92	64.6676	0	35.3324	21.49697	13.83543	34.10108	1
1678.565	1679.121	1011.121	74.91	141.1	72.37	71	56.6216	2.053949	41.32445	12.35501	28.96944	32.04767	1
1678.57	1679.126	1011.126	74.24	47.33	73.68	72.8	64.58534	0	35.41466	21.13145	14.28321	34.22061	1
1678.575	1679.131	1011.131	73.85	32.92	73.57	73.86	66.26136	0	33.73864	24.89557	8.843067	33.89613	1
1678.58	1679.136	1011.136	74.44	28.17	73.65	72.39	70.82056	0	29.17944	14.41914	14.7603	33.82021	1
1678.585	1679.141	1011.141	74.67	26.9	74.19	74.04	68.5138	0	31.4862	13.37926	18.10694	33.83756	1
1678.59	1679.146	1011.146	75.92	29.11	75.21	73.8	68.61148	0	31.38852	22.50003	8.888486	34.07628	1
1678.595	1679.151	1011.151	75.86	26.83	75.33	75.22	67.82344	0	32.17656	8.265828	23.91073	33.9581	1
1678.6	1679.156	1011.156	75.57	30.38	74.92	74.74	68.16114	0	31.83886	6.48296	25.3559	33.87716	1
1678.605	1679.161	1011.161	76.33	35.36	75.39	74.15	68.50428	0	31.49572	21.22516	10.27056	33.97757	1

1678.61	1679.166	1011.166	78.74	64.55	77.37	76.61	62.5556	0	37.4444	7.517447	29.92695	34.21719	1
1678.615	1679.171	1011.171	77.37	26.67	76.62	75.57	68.17796	0	31.82204	9.776338	22.0457	34.12452	1
1678.62	1679.176	1011.176	77.99	25.95	77.53	76.98	65.5343	0	34.4657	18.12433	16.34137	34.48002	1
1678.625	1679.181	1011.181	79.1	43.61	77.98	76.16	65.35438	0	34.64562	20.18426	14.46136	34.34146	1
1678.63	1679.187	1011.187	78.1	41.3	77.04	75.74	66.3684	0	33.6316	24.00922	9.622384	34.15646	1
1678.635	1679.192	1011.192	79.06	54.64	77.6	74.98	65.35692	0	34.64308	14.23398	20.4091	34.23559	1
1678.64	1679.197	1011.197	78.55	43.66	77.48	75.72	65.46078	0	34.53922	9.057456	25.48176	34.33021	1
1678.645	1679.202	1011.202	79.36	49.77	78.21	76.33	63.85696	0	36.14304	7.062044	29.081	34.47622	1
1678.65	1679.207	1011.207	78.75	47.61	77.59	75.86	65.01838	0	34.98162	21.71696	13.26466	34.30796	1
1678.655	1679.212	1011.212	78.56	46.12	77.31	74.89	66.25126	0	33.74874	12.25665	21.49209	34.26416	1
1678.66	1679.217	1011.217	78.07	43.26	76.7	73.62	68.32418	0	31.67582	7.9473	23.72852	34.15314	1
1678.665	1679.222	1011.222	77.51	46.56	76.64	74.66	64.16578	0	35.83422	18.90539	16.92883	34.55297	1
1678.67	1679.227	1011.227	78.27	47.09	77.24	75.5	64.57832	0	35.42168	15.67726	19.74442	34.4158	1
1678.675	1679.232	1011.232	79.19	45.85	78.1	77.27	64.497	0	35.503	12.20167	23.30133	34.26142	1
1678.68	1679.237	1011.237	78.49	36.47	78.25	78.04	60.82346	0.083929	39.09261	11.32402	27.76859	35.0085	1
1678.685	1679.242	1011.242	78.76	45.33	77.87	75.72	63.46844	0	36.53156	17.86892	18.66264	34.72703	1
1678.69	1679.247	1011.247	79.67	62.81	78.33	75.04	61.88858	0	38.11142	22.56846	15.54296	34.79431	1
1678.695	1679.252	1011.252	81.66	90.04	79.88	75.98	56.87812	0.67773	42.44415	13.25407	29.19008	34.19127	1
1678.7	1679.257	1011.257	88.81	134.2	86.93	84.42	40.3884	4.420623	55.19098	26.31627	28.87471	31.82564	1
1678.705	1679.262	1011.262	91.62	123.05	90.78	89.67	32.4415	8.528946	59.02955	34.70153	24.32802	31.42238	1
1678.71	1679.267	1011.267	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1679.015	1679.574	1011.574	71.39	21.47	70.67	68.33	74.70546	0	25.29454	19.91111	5.383432	33.79206	1
1679.02	1679.579	1011.579	71.03	26.47	70.25	70.27	74.29166	0	25.70834	16.50849	9.199845	33.36518	1
1679.025	1679.584	1011.584	69.86	12.4	69.56	69.7	75.053	0	24.947	5.968695	18.9783	33.22176	1
1679.03	1679.589	1011.589	69.62	13.86	69.41	68.83	74.22298	0	25.77702	20.43811	5.338906	33.34371	1
1679.035	1679.594	1011.594	70.46	13.76	70.27	70.33	73.31938	0	26.68062	21.18588	5.494739	33.29432	1
1679.04	1679.599	1011.599	70.26	19.17	69.89	69.86	73.58916	0	26.41084	14.36175	12.04909	33.31631	1
1679.045	1679.604	1011.604	71.25	28.75	70.41	69.7	74.0025	0	25.9975	8.988088	17.00941	33.51563	1
1679.05	1679.609	1011.609	71.37	27.11	70.7	70.33	72.97148	0	27.02852	4.80604	22.22248	33.46982	1
1679.055	1679.614	1011.614	70.72	25.65	70.18	69.74	72.9153	0	27.0847	19.68516	7.399545	33.45296	1
1679.06	1679.619	1011.619	70.85	22.46	70.23	69.63	74.18768	0	25.81232	9.965497	15.84682	33.45958	1
1679.065	1679.624	1011.624	71.36	26.5	71.02	70.82	70.5708	0	29.4292	17.33509	12.09411	33.5164	1
1679.07	1679.629	1011.629	71.88	21.76	71.58	71.82	70.92948	0	29.07052	17.5651	11.50542	33.4498	1
1679.075	1679.634	1011.634	71.06	18.89	71.09	71.94	69.82092	0	30.17908	12.7848	17.39428	33.32435	1
1679.08	1679.639	1011.639	71.34	19.27	71.32	72.12	69.85886	0	30.14114	22.51146	7.629679	33.35776	1
1679.085	1679.644	1011.644	71.7	21.77	71.48	71.7	70.47266	0	29.52734	13.1334	16.39394	33.46329	1
1679.09	1679.649	1011.649	70.81	14.63	70.77	71.19	71.62434	0	28.37566	5.113765	23.2619	33.29951	1
1679.095	1679.654	1011.654	71.7	18.4	71.59	72.71	70.4357	0	29.5643	14.94154	14.62276	33.29975	1
1679.1	1679.659	1011.659	70.82	27.69	70.35	70.88	71.78712	0	28.21288	15.5859	12.62698	33.31045	1
1679.105	1679.664	1011.664	71.05	15.79	70.96	71.94	71.51032	0	28.48968	21.52785	6.961829	33.22272	1
1679.11	1679.669	1011.669	70.77	15.31	70.77	71.57	71.18658	0	28.81342	12.66399	16.14943	33.24214	1
1679.115	1679.675	1011.675	71	22.64	70.79	70.72	70.82862	0	29.17138	14.17847	14.99291	33.45028	1
1679.12	1679.68	1011.68	70.86	21.86	70.95	72.5	68.82118	0	31.17882	21.4954	9.683424	33.2313	1
1679.125	1679.685	1011.685	72.39	44.97	72.37	73.51	62.67346	0	37.32654	15.80252	21.52402	33.95861	1
1679.13	1679.69	1011.69	71.82	49.33	71.57	71.92	63.92524	0	36.07476	13.54889	22.52587	33.91935	1
1679.135	1679.695	1011.695	69.58	31.23	69.7	71.83	67.49874	0	32.50126	14.01298	18.48828	33.0961	1
1679.14	1679.7	1011.7	69.49	34.73	69.33	72.82	68.90454	0	31.09546	21.41765	9.677808	32.79873	1
1679.145	1679.705	1011.705	69.94	39.42	69.83	72.14	66.96806	0	33.03194	12.69672	20.33522	33.16398	1
1679.15	1679.71	1011.71	68.64	33.66	68.81	70.67	67.38798	0	32.61202	17.23408	15.37794	33.07063	1
1679.155	1679.715	1011.715	68.48	27.69	68.5	69.43	70.14242	0	29.85758	11.04172	18.81586	33.10168	1
1679.16	1679.72	1011.72	67.09	22.37	66.74	67.94	75.57616	0	24.42384	6.470963	17.95288	32.94835	1
1679.165	1679.725	1011.725	68.3	35.53	68.13	68.67	69.88324	0	30.11676	5.694319	24.42244	33.2332	1
1679.17	1679.73	1011.73	66.88	25.99	66.77	67.24	73.03332	0	26.96668	11.37153	15.59515	33.03737	1
1679.175	1679.735	1011.735	66.7	40.49	66.53	67.59	70.15492	0	29.84508	5.275638	24.56944	33.06938	1
1679.18	1679.74	1011.74	65.52	27.83	64.65	62.22	79.72924	0	20.27076	16.71263	3.558132	33.89225	1
1679.185	1679.745	1011.745	64.36	20.19	64.01	63.94	78.61532	0	21.38468	21.38468	0	33.15929	1
1679.19	1679.75	1011.75	62.76	34.19	61.91	57.8	80.57432	0	19.42568	10.17691	9.248768	34.32101	1
1679.195	1679.755	1011.755	61.44	25.35	60.64	57.89	83.5405	0	16.4595	15.13873	1.320766	34.18722	1
1679.2	1679.76	1011.76	61.47	30.49	60.59	57.88	82.88902	0	17.11098	7.358494	9.752486	34.22011	1
1679.205	1679.765	1011.765	60.99	29.7	60.43	59.84	81.0418	0	18.9582	16.30338	2.654822	33.53044	1
1679.21	1679.77	1011.77	61.15	29.95	60.7	58.76	79.9816	0	20.0184	7.111663	12.90674	33.66109	1
1679.215	1679.775	1011.775	60.96	32.83	60	62.16	83.41194	0	16.58806	13.84751	2.740554	33.44003	1
1679.22	1679.78	1011.78	62.45	49.89	61.63	60.31	76.82762	0	23.17238	20.1575	3.014879	33.77258	1
1679.225	1679.785	1011.785	63.23	62.26	61.97	62.7	76.52648	0	23.47352	10.10456	13.36896	33.68377	1
1679.23	1679.79	1011.79	62.79	45.75	61.55	59.29	80.7717	0	19.2283	13.32898	5.899319	34.28017	1
1679.235	1679.795	1011.795	62.12	36.73	60.72	59.9	84.81094	0	15.18906	9.88478	5.30428	34.33695	1
1679.24	1679.8	1011.8	62.07	27.34	61.31	60.89	82.16932	0	17.83068	17.83068	0	33.64357	1
1679.245	1679.805	1011.805	62.94	36.1	62.48	65.7	76.924	0	23.076	13.07712	9.998877	32.64671	1
1679.25	1679.81	1011.81	62.45	36.83	62.04	61.74	76.81064	0	23.18936	14.09845	9.090908	33.2725	1
1679.255	1679.815	1011.815	63.03	39.31	62.41	63.04	77.30438	0	22.69562	6.081282	16.61434	33.23616	1
1679.26	1679.82	1011.82	63.94	62.82	62.81	63.98	74.73026	0	25.26974	6.714491	18.55525	33.48579	1
1679.265	1679.825	1011.825	63.72	68.85	61.82	58.32	79.4409	0	20.5591	14.26047	6.298628	34.909	1
1679.27	1679.83	1011.83	64.67	52.82	63.41	60.63	77.48616	0	22.51384	19.16654	3.347301	34.22633	1

1679.275	1679.836	1011.836	64.65	55.72	63.71	64.37	74.32276	0	25.67724	7.14641	18.53083	33.42365	1
1679.28	1679.841	1011.841	66.92	128.59	65.01	64.8	62.11732	1.769593	36.11309	26.48563	9.627458	32.33374	1
1679.285	1679.846	1011.846	68.64	92.74	66.98	68.67	67.27312	0	32.72688	14.41065	18.31623	33.70188	1
1679.29	1679.851	1011.851	71.69	144.18	70.38	66.41	49.30614	4.03113	46.66273	26.4245	20.23823	31.28606	1
1679.295	1679.856	1011.856	71.22	170.92	69.11	62.35	49.46746	4.596035	45.93651	16.37255	29.56395	31.14963	1
1679.3	1679.861	1011.861	67.6	78.88	66.18	62.59	69.72404	0	30.27596	7.348364	22.9276	34.49261	1
1679.305	1679.866	1011.866	68.26	104.06	65.95	61.24	69.92078	0	30.07922	6.176025	23.9032	35.04316	1
1679.31	1679.871	1011.871	70.45	149.98	70.34	65.94	39.74334	6.085132	54.17153	29.75067	24.42086	30.5421	1
1679.315	1679.876	1011.876	69.93	155.66	70.37	68.52	34.58468	7.206868	58.20845	31.09512	27.11333	29.84349	1
1679.32	1679.881	1011.881	68.21	75.16	69.74	68.98	47.20058	2.97746	49.82196	32.39822	17.42374	31.91374	1
1679.325	1679.886	1011.886	67.94	66.45	68.9	69.74	53.9743	1.478533	44.54717	18.11471	26.43245	32.50863	1
1679.33	1679.891	1011.891	66.17	51.99	66.94	65.58	60.57452	0	39.42548	9.005632	30.41985	33.90101	1
1679.335	1679.896	1011.896	64.49	52.56	64.04	62.31	71.43718	0	28.56282	16.70871	11.85411	33.65694	1
1679.34	1679.901	1011.901	65.17	89.71	63.52	62.49	71.12128	0	28.87872	8.36932	20.5094	34.26761	1
1679.345	1679.906	1011.906	63.74	63.14	63.35	65.2	69.10182	0	30.89818	8.274462	22.62372	33.08678	1
1679.35	1679.911	1011.911	63.52	56.76	62.86	63.82	72.94068	0	27.05932	14.60329	12.45603	33.26366	1
1679.355	1679.916	1011.916	61.01	44.24	60.04	57.74	80.68222	0	19.31778	18.43256	0.885222	34.18637	1
1679.36	1679.921	1011.921	60.05	38.69	59.66	57.68	78.41352	0	21.58648	21.58648	0	33.64025	1
1679.365	1679.926	1011.926	59.49	36.86	59.25	61.18	78.20908	0	21.79092	13.87417	7.916754	32.80298	1
1679.37	1679.931	1011.931	58.85	49.61	58.6	56.76	75.78988	0	24.21012	4.997937	19.21218	33.54304	1
1679.375	1679.936	1011.936	56.35	30.39	56.14	54.15	82.43112	0	17.56888	13.69335	3.875531	33.70561	1
1679.38	1679.941	1011.941	54.71	44.16	55.14	56.29	75.64758	0	24.35242	6.511588	17.84083	32.43433	1
1679.385	1679.946	1011.946	53.88	49.27	54.78	56.29	71.53206	0	28.46794	8.346114	20.12183	31.97833	1
1679.39	1679.951	1011.951	53.35	52.85	54.33	56.41	70.5333	0	29.4667	16.91826	12.54844	31.8367	1
1679.395	1679.956	1011.956	52.13	64.2	52.01	52.98	77.434	0	22.566	22.566	0	33.22904	1
1679.4	1679.961	1011.961	52.14	54.58	51.8	50.02	81.45784	0	18.54216	17.21761	1.324553	34.05717	1
1679.405	1679.966	1011.966	53.62	60.96	53.54	55.7	76.53728	0	23.46272	8.338943	15.12378	32.87089	1
1679.41	1679.971	1011.971	55.39	71.04	54.93	52.55	75.41452	0	24.58548	12.85595	11.72953	34.04812	1
1679.415	1679.976	1011.976	54.53	66.88	53.4	53.49	82.40494	0	17.59506	15.11422	2.480838	34.49235	1
1679.42	1679.981	1011.981	54.93	46.07	53.47	53.39	89.63046	0	10.36954	10.36954	0	35.28416	1
1679.425	1679.986	1011.986	54.66	56.43	53.42	53.94	85.66674	0	14.33326	4.575266	9.757994	34.67165	1
1679.43	1679.991	1011.991	54.96	61.57	53.39	54.53	86.70436	0	13.29564	10.89516	2.400476	34.97549	1
1679.435	1679.996	1011.996	54.49	40.38	53.75	52.89	85.83224	0	14.16776	7.9018	6.26596	34.3632	1
1679.44	1680.002	1012.002	55.25	50.92	54.63	56.04	81.65236	0	18.34764	10.75547	7.592174	33.57347	1
1679.445	1680.007	1012.007	54.64	67.52	54.52	52.61	74.32136	0	25.67864	17.8765	7.802137	33.64449	1
1679.45	1680.012	1012.012	56.12	65.16	54.92	52.57	81.90088	0	18.09912	18.04156	0.057563	34.85374	1
1679.455	1680.017	1012.017	56.54	70.32	54.64	52.92	85.69076	0	14.30924	12.26976	2.039483	35.6373	1
1679.46	1680.022	1012.022	59.23	77.12	57.42	59.27	80.87286	0	19.12714	9.969976	9.157164	34.37288	1
1679.465	1680.027	1012.027	58.99	62.96	58.15	61.5	77.00288	0	22.99712	7.17775	15.81937	33.12935	1
1679.47	1680.032	1012.032	58.61	61.3	58	58.21	75.9717	0	24.0283	7.607012	16.42129	33.51832	1
1679.475	1680.037	1012.037	59.47	75.08	58.54	59.68	74.32574	0	25.67426	19.76621	5.90805	33.6277	1
1679.48	1680.042	1012.042	60.19	84.23	59.12	61.07	72.53404	0	27.46596	18.75847	8.707492	33.60879	1
1679.485	1680.047	1012.047	57.76	60.42	57.38	56.24	75.18416	0	24.81584	11.01538	13.80046	33.59751	1
1679.49	1680.052	1012.052	58.27	46.48	57.57	57.18	80.56844	0	19.43156	19.43156	0	33.75622	1
1679.495	1680.057	1012.057	58.71	40.67	58.89	59.83	74.74966	0	25.25034	3.963227	21.28711	32.64736	1
1679.5	1680.062	1012.062	56.88	38.9	56.84	57.57	78.5666	0	21.4334	19.71149	1.721913	32.92617	1
1679.505	1680.067	1012.067	56.93	46.87	55.82	51.55	84.88436	0	15.11564	13.088	2.027639	35.15014	1
1679.51	1680.072	1012.072	56.67	36.96	56.13	56.1	83.10428	0	16.89572	15.77679	1.118933	33.69909	1
1679.515	1680.077	1012.077	55.98	21.57	56.2	56.23	81.57346	0	18.42654	10.06334	8.363195	32.86424	1
1679.52	1680.082	1012.082	57.47	40.46	56.32	55.76	86.24878	0	13.75122	8.193514	5.557706	34.53315	1
1679.525	1680.087	1012.087	59.44	73.33	57.63	54.28	81.59684	0	18.40316	8.872489	9.530671	35.32562	1
1679.53	1680.092	1012.092	62.07	112.67	60.12	56.57	70.74196	0.423191	28.83485	15.76647	13.06838	34.71389	1
1679.535	1680.097	1012.097	58.68	49.67	58.52	54.23	75.23426	0	24.76574	16.81722	7.948522	33.92337	1
1679.54	1680.102	1012.102	59.07	54.48	59.09	56.63	72.31644	0	27.68356	14.13993	13.54363	33.48507	1
1679.545	1680.107	1012.107	59.07	39.29	58.33	58.22	81.88242	0	18.11758	15.89221	2.225369	33.72414	1
1679.55	1680.112	1012.112	60.74	68.43	59.11	57.15	80.19164	0	19.80836	5.822731	13.98563	34.72385	1
1679.555	1680.117	1012.117	60.95	65.48	59.41	58.59	80.01484	0	19.98516	12.10024	7.884923	34.40758	1
1679.56	1680.122	1012.122	61.12	60.03	59.83	57.79	79.23984	0	20.76016	9.569627	11.19053	34.38497	1
1679.565	1680.127	1012.127	62	55.64	61.49	60.26	73.44762	0	26.55238	7.211747	19.34063	33.59043	1
1679.57	1680.132	1012.132	60.99	52.47	60.39	58.02	75.84146	0	24.15854	13.78982	10.36872	33.86347	1
1679.575	1680.137	1012.137	62.65	46.22	61.5	62.02	80.08926	0	19.91074	10.93206	8.978678	33.69101	1
1679.58	1680.142	1012.142	63.6	47.43	63.54	64.28	70.47494	0	29.52506	20.45821	9.066853	32.99885	1
1679.585	1680.147	1012.147	63.81	61.9	63.65	63.69	67.555	0	32.445	11.22237	21.22263	33.36772	1
1679.59	1680.152	1012.152	63.33	48.67	63.36	64.28	69.72576	0	30.27424	11.30821	18.96603	32.94322	1
1679.595	1680.157	1012.157	65.67	98.07	65.47	61.6	57.40066	1.629736	40.9696	20.99375	19.97585	32.92757	1
1679.6	1680.163	1012.163	65.06	93.66	63.63	58.18	68.56158	0	31.43842	6.65974	24.77868	35.08611	1
1679.605	1680.168	1012.168	66.67	96.08	66.35	60.65	57.89224	1.497308	40.61045	16.58729	24.02316	33.45339	1
1679.61	1680.173	1012.173	66.37	76.38	66.11	66	62.47064	0.197684	37.33168	8.398528	28.93315	33.64173	1
1679.615	1680.178	1012.178	66.33	54.95	66.59	65.31	63.6635	0	36.3365	20.53528	15.80122	33.77756	1
1679.62	1680.183	1012.183	65.24	71.3	65.15	66.35	63.4221	0	36.5779	13.04957	23.52833	33.47261	1
1679.625	1680.188	1012.188	63.44	69.77	62.22	61.63	74.20586	0	25.79414	13.84427	11.94987	33.91655	1
1679.63	1680.193	1012.193	63.54	79.66	61	57.08	81.95048	0	18.04952	17.93481	0.114712	35.56122	1
1679.635	1680.198	1012.198	63.26	68.24	61.23	58	81.01922	0	18.98078	17.42925	1.551527	35.03754	1

1679.64	1680.203	1012.203	61.34	62.18	60.2	58.83	77.35464	0	22.64536	9.693574	12.95179	34.1056	1
1679.645	1680.208	1012.208	61.65	51.59	60.43	58.49	80.25222	0	19.74778	7.995188	11.75259	34.2772	1
1679.65	1680.213	1012.213	59.28	32.77	58.76	58.92	81.56206	0	18.43794	18.43794	0	33.44448	1
1679.655	1680.218	1012.218	58.36	37.25	57.88	56.42	81.0143	0	18.9857	18.9857	0	33.73902	1
1679.66	1680.223	1012.223	57.32	36.89	56.38	55.75	85.62322	0	14.37678	6.986194	7.390586	34.30065	1
1679.665	1680.228	1012.228	57.03	24.19	56.51	55.73	85.70842	0	14.29158	12.46938	1.822196	33.91217	1
1679.67	1680.233	1012.233	58.2	27.69	57.58	56	84.56002	0	15.43998	15.43998	0	34.03208	1
1679.675	1680.238	1012.238	59.6	46.93	58.64	55.47	81.25094	0	18.74906	18.74906	0	34.44471	1
1679.68	1680.243	1012.243	61.9	36.47	61.63	62.25	76.31876	0	23.68124	10.97656	12.70468	33.00848	1
1679.685	1680.248	1012.248	60.81	26.17	60.42	60.61	80.74416	0	19.25584	9.090079	10.16576	33.23919	1
1679.69	1680.253	1012.253	60.15	43.37	59.24	59.09	81.21896	0	18.78104	18.78104	0	33.80199	1
1679.695	1680.258	1012.258	64.08	76.48	61.92	58.83	79.27824	0	20.72176	11.80287	8.918894	34.98213	1
1679.7	1680.263	1012.263	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1680.02	1680.585	1012.585	62.48	84.52	60.54	56.89	77.09956	0	22.90044	4.257428	18.64301	35.0937	1
1680.025	1680.59	1012.59	60.34	55.72	59.24	56	79.52796	0	20.47204	5.301558	15.17048	34.49798	1
1680.03	1680.595	1012.595	60.97	66.64	60.54	59.98	71.11322	0	28.88678	13.81498	15.0718	33.52022	1
1680.035	1680.6	1012.6	64.47	50.49	64.33	63.33	69.55402	0	30.44598	7.993501	22.45248	33.42124	1
1680.04	1680.605	1012.605	60.74	42	60.39	59.16	76.6677	0	23.3323	21.21151	2.120788	33.43884	1
1680.045	1680.61	1012.61	59.3	45.36	59.15	58.94	75.62938	0	24.37062	21.7327	2.637919	33.13011	1
1680.05	1680.615	1012.615	60.5	58.44	60.27	61.23	71.98002	0	28.01998	20.02082	7.999164	33.04834	1
1680.055	1680.62	1012.62	63.07	74.09	61.98	61.47	72.49332	0	27.50668	13.94153	13.56515	33.8771	1
1680.06	1680.625	1012.625	64.37	50.2	63.59	62.52	74.6762	0	25.3238	22.77802	2.545781	33.63694	1
1680.065	1680.63	1012.63	62.8	62.04	62	59.41	73.41032	0	26.58968	18.7244	7.865284	34.02831	1
1680.07	1680.635	1012.635	62.65	59.85	62.73	60.61	67.2583	0	32.7417	16.27215	16.46955	33.61588	1
1680.075	1680.64	1012.64	60.95	63.26	60.33	56.26	73.42208	0	26.57792	11.12356	15.45436	34.24275	1
1680.08	1680.645	1012.645	63.7	56.5	62.98	59.81	73.303	0	26.697	23.16705	3.529947	34.04366	1
1680.085	1680.651	1012.651	60	44.9	59.21	56.3	80.0567	0	19.9433	6.728449	13.21485	34.18502	1
1680.09	1680.656	1012.656	58.74	77.25	56.81	51.84	82.2222	0	17.7778	17.7778	0	35.84287	1
1680.095	1680.661	1012.661	58.11	54.55	58	55.24	74.1902	0	25.8098	20.50033	5.309473	33.62936	1
1680.1	1680.666	1012.666	59.04	50.63	58.72	55.32	75.91074	0	24.08926	14.37566	9.713601	33.88152	1
1680.105	1680.671	1012.671	58.11	62.76	57.61	52.61	75.22588	0	24.77412	21.99775	2.776374	34.40552	1
1680.11	1680.676	1012.676	57.2	45.6	56.45	53.57	82.1533	0	17.8467	17.8467	0	34.37418	1
1680.115	1680.681	1012.681	57.54	38.14	56.57	55.06	85.35082	0	14.64918	14.64918	0	34.45845	1
1680.12	1680.686	1012.686	56.99	56.23	56.44	52.63	78.22404	0	21.77596	21.77596	0	34.28289	1
1680.125	1680.691	1012.691	56.1	78.45	54.47	51.73	82.0356	0	17.9644	9.466828	8.497572	35.41156	1
1680.13	1680.696	1012.696	55.85	56.24	54.86	51.96	82.68042	0	17.31958	8.070162	9.249418	34.76328	1
1680.135	1680.701	1012.701	55.29	42.99	54.8	52.76	82.52712	0	17.47288	10.73017	6.742712	34.08115	1
1680.14	1680.706	1012.706	56.1	68.2	55.57	54.67	75.9911	0	24.0089	17.47585	6.533045	33.7908	1
1680.145	1680.711	1012.711	56.36	32.31	56.37	55.34	80.25228	0	19.74772	11.13519	8.612534	33.23377	1
1680.15	1680.716	1012.716	53.29	40.79	53	51.63	83.34952	0	16.65048	10.75436	5.89612	33.89145	1
1680.155	1680.721	1012.721	53.85	43.53	53.43	54.83	83.17874	0	16.82126	10.66451	6.156752	33.48889	1
1680.16	1680.726	1012.726	52.48	39.25	52.39	52.28	82.9174	0	17.0826	17.0826	0	33.45458	1
1680.165	1680.731	1012.731	52.51	34.87	52.1	51.54	86.42976	0	13.57024	11.73511	1.835132	34.09656	1
1680.17	1680.736	1012.736	53.86	43.26	53.44	52.67	83.23488	0	16.76512	7.217803	9.547317	33.89081	1
1680.175	1680.741	1012.741	53.57	65.26	52.47	51.61	83.44768	0	16.55232	9.746451	6.805869	34.75721	1
1680.18	1680.746	1012.746	50.68	41.7	50.21	48.46	86.9255	0	13.0745	12.90638	0.168123	34.57219	1
1680.185	1680.751	1012.751	52.15	43.27	52.64	54.06	77.75316	0	22.24684	18.48748	3.759359	32.39011	1
1680.19	1680.756	1012.756	51.52	57.73	51.09	50.1	81.96344	0	18.03656	18.03656	0	34.08044	1
1680.195	1680.761	1012.761	48.88	33.25	49.14	51.78	84.9689	0	15.0311	4.970977	10.06012	32.8262	1
1680.2	1680.766	1012.766	49.91	40.15	50.75	50.92	77.8565	0	22.1435	19.05212	3.09138	32.28233	1
1680.205	1680.771	1012.771	50.22	46.4	49.73	54.18	86.3663	0	13.6337	13.6337	0	33.45935	1
1680.21	1680.776	1012.776	50.18	37.56	49	48.87	93.88988	0	6.11012	6.11012	0	35.86833	1
1680.215	1680.781	1012.781	50.06	42.33	48.37	47.94	96.79844	0	3.20156	3.20156	0	36.97995	1
1680.22	1680.786	1012.786	50.79	76.62	47.89	47.02	97.20616	0	2.79384	2.79384	0	38.66638	1
1680.225	1680.791	1012.791	50.03	59.04	47.34	44.9	100	0	0	0	0	39.06451	1
1680.23	1680.796	1012.796	50.11	56.64	47.73	45.31	98.63692	0	1.36308	1.36308	0	38.53993	1
1680.235	1680.801	1012.801	50.14	43.78	48.12	45.53	98.93144	0	1.06856	1.06856	0	38.11396	1
1680.24	1680.806	1012.806	50.92	38.46	50.11	49.11	90.12378	0	9.87622	9.87622	0	35.09199	1
1680.245	1680.812	1012.812	52.91	54.39	52.28	46.43	83.04292	0	16.95708	10.61368	6.343399	35.14784	1
1680.25	1680.817	1012.817	54.76	69.59	53	49.61	86.42002	0	13.57998	13.57998	0	36.03758	1
1680.255	1680.822	1012.822	55.47	47.72	55.05	51.72	80.67436	0	19.32564	15.35787	3.967767	34.17848	1
1680.26	1680.827	1012.827	59.36	90.25	58.16	53.45	72.8483	0	27.1517	17.39008	9.761618	35.00959	1
1680.265	1680.832	1012.832	56.75	78.37	55.33	50.26	79.82946	0	20.17054	14.06324	6.107298	35.48544	1
1680.27	1680.837	1012.837	56.41	86.43	55.08	49.34	77.49424	0	22.50576	22.15611	0.349651	35.52891	1
1680.275	1680.842	1012.842	56.06	71.16	56.32	53.41	69.18908	0	30.81092	6.091478	24.71944	33.55311	1
1680.28	1680.847	1012.847	56.4	68.77	56.26	52.81	72.55466	0	27.44534	5.791919	21.65342	33.90499	1
1680.285	1680.852	1012.852	55.83	90.19	56.36	51.65	62.70292	0.479057	36.81802	19.43279	17.38523	33.46482	1
1680.29	1680.857	1012.857	54.82	90.11	55.7	47.53	60.93898	0.613884	38.44714	24.95866	13.48848	33.74924	1
1680.295	1680.862	1012.862	53.14	66.76	54.24	54.02	66.43028	0	33.56972	13.55768	20.01204	32.37866	1
1680.3	1680.867	1012.867	51.51	38.93	52.41	53.63	76.21474	0	23.78526	10.55763	13.22763	31.95875	1
1680.305	1680.872	1012.872	53.75	73.95	54.09	51.43	70.0191	0	29.9809	21.84743	8.133469	33.4546	1
1680.31	1680.877	1012.877	57.16	75.34	57.13	55.92	69.41302	0	30.58698	19.52116	11.06582	33.48971	1
1680.315	1680.882	1012.882	56.86	91.55	55.73	53.28	74.2912	0	25.7088	21.02853	4.680275	34.69826	1

1680.32	1680.887	1012.887	51.78	78.71	49.33	46.85	92.30208	0	7.69792	5.431181	2.266739	37.62307	1
1680.325	1680.892	1012.892	51.66	60.16	50.56	50.38	86.43908	0	13.56092	11.46994	2.090985	34.97426	1
1680.33	1680.897	1012.897	51.19	43.65	49.85	46.45	92.7269	0	7.2731	3.342111	3.930989	36.44522	1
1680.335	1680.902	1012.902	52.21	43.34	52.02	52.47	82.95102	0	17.04898	3.076544	13.97244	33.4921	1
1680.34	1680.907	1012.907	52.55	35.83	52.51	49.96	83.29314	0	16.70686	16.70686	0	33.85193	1
1680.345	1680.912	1012.912	52.63	46.78	52.13	48.82	84.13464	0	15.86536	15.86536	0	34.58505	1
1680.35	1680.917	1012.917	50.98	46.3	50.85	49.79	82.9013	0	17.0987	8.138106	8.960594	33.78142	1
1680.355	1680.922	1012.922	51.35	47.81	50.34	47.79	89.01548	0	10.98452	4.22407	6.76045	35.50441	1
1680.36	1680.927	1012.927	51.18	53.3	49.71	47.93	91.4083	0	8.5917	8.5917	0	36.18831	1
1680.365	1680.932	1012.932	50.66	49.12	49.74	51.43	88.63576	0	11.36424	11.1829	0.181336	34.64522	1
1680.37	1680.937	1012.937	51.74	42.26	51.84	50.43	81.39728	0	18.60272	17.45986	1.142859	33.45863	1
1680.375	1680.942	1012.942	50.82	45.19	50.32	53.13	86.18462	0	13.81538	4.079749	9.735631	33.71052	1
1680.38	1680.947	1012.947	51.39	78.11	50.57	46.49	80.17358	0	19.82642	13.51349	6.312928	35.11902	1
1680.385	1680.952	1012.952	49.89	120.82	47.06	46.49	86.79526	0.165947	13.03879	12.97469	0.064101	37.40841	1
1680.39	1680.957	1012.957	47.3	65.97	46.22	48.56	88.88926	0	11.11074	11.11074	0	35.12847	1
1680.395	1680.962	1012.962	47.42	45.96	46.69	48.47	90.90878	0	9.09122	3.807258	5.283962	34.89054	1
1680.4	1680.967	1012.967	49.65	63.59	48.31	54.18	89.31822	0	10.68178	8.036367	2.645413	34.6003	1
1680.405	1680.973	1012.973	50.16	70.04	49.54	53.63	81.70812	0	18.29188	4.088446	14.20343	33.49904	1
1680.41	1680.978	1012.978	50.96	89.81	49.82	50.59	80.21778	0	19.78222	19.78222	0	34.68486	1
1680.415	1680.983	1012.983	52.03	78.43	51.06	53.47	80.66984	0	19.33016	10.60305	8.727105	34.05945	1
1680.42	1680.988	1012.988	50.86	89.04	50.13	58.31	77.31862	0	22.68138	17.61051	5.070866	32.76841	1
1680.425	1680.993	1012.993	51.67	103.38	50.86	56.18	73.72314	0.111307	26.16555	7.18621	18.97934	33.22271	1
1680.43	1680.998	1012.998	52.31	106.42	51.18	58.06	74.87866	0.162016	24.95932	7.738139	17.22118	33.18133	1
1680.435	1681.003	1013.003	51.91	86.54	50.74	59.52	80.36762	0	19.63238	18.70038	0.931996	33.14535	1
1680.44	1681.008	1013.008	51.85	120.24	50.71	53.33	72.03492	1.066818	26.89826	7.589307	19.30895	32.8566	1
1680.445	1681.013	1013.013	51.52	115.79	49.37	46.63	81.24292	0.189578	18.5675	18.5675	0	36.35761	1
1680.45	1681.018	1013.018	53.71	101.03	52.39	55.41	76.36754	0	23.63246	11.32372	12.30874	34.18578	1
1680.455	1681.023	1013.023	55.8	119.61	54.76	54.06	67.77838	1.30263	30.91899	15.44492	15.47407	32.86113	1
1680.46	1681.028	1013.028	55.62	93.91	54.94	47.9	71.37338	0	28.62662	21.26885	7.357775	35.24884	1
1680.465	1681.033	1013.033	55.99	90.86	54.63	51.11	77.04108	0	22.95892	4.800643	18.15828	35.1952	1
1680.47	1681.038	1013.038	54.85	104.11	52.14	48.22	85.34588	0	14.65412	14.65412	0	37.21591	1
1680.475	1681.043	1013.043	56.77	126.89	54.8	48.61	72.33172	1.178399	26.48988	18.32315	8.166732	34.74933	1
1680.48	1681.048	1013.048	56.86	76.52	55.82	55.7	77.23096	0	22.76904	17.51526	5.253783	34.13006	1
1680.485	1681.053	1013.053	56.01	70.61	54.45	50.49	83.47318	0	16.52682	16.52682	0	35.61389	1
1680.49	1681.058	1013.058	54.02	100.76	50.77	45.9	91.10518	0	8.89482	8.89482	0	38.62642	1
1680.495	1681.063	1013.063	54.64	63.34	52.9	55.24	87.88792	0	12.11208	12.11208	0	35.0633	1
1680.5	1681.068	1013.068	55.48	74.2	54.51	52.12	78.5195	0	21.4805	6.888786	14.59171	34.59323	1
1680.505	1681.073	1013.073	52.42	79.45	50.05	51.89	90.9142	0	9.0858	9.0858	0	36.49045	1
1680.51	1681.078	1013.078	51.54	75.37	48.85	47.31	95.19116	0	4.80884	4.80884	0	38.12444	1
1680.515	1681.083	1013.083	50.81	54.69	49.64	48.53	89.08732	0	10.91268	10.91268	0	35.50962	1
1680.52	1681.088	1013.088	50.42	81.07	48.17	47.47	91.43216	0	8.56784	8.56784	0	37.13889	1
1680.525	1681.093	1013.093	52.49	133.47	50.47	44.76	75.06446	1.475732	23.45981	9.804698	13.65511	34.79747	1
1680.53	1681.098	1013.098	53.7	113.84	51.93	44.76	76.76422	0.3328	22.90298	7.712284	15.1907	36.15721	1
1680.535	1681.103	1013.103	53.75	77.18	52.44	49.88	82.02494	0	17.97506	16.4922	1.48286	35.25659	1
1680.54	1681.108	1013.108	53.99	66.91	53.05	50.26	81.42198	0	18.57802	18.57802	0	34.81102	1
1680.545	1681.113	1013.113	55.15	111.86	53.54	48.02	74.66938	0.354286	24.97633	6.720106	18.25623	35.48324	1
1680.55	1681.118	1013.118	56.08	89.38	54.9	51.41	75.92144	0	24.07856	13.46002	10.61854	34.98666	1
1680.555	1681.123	1013.123	57.5	109.56	56.63	49.88	67.32898	0.865147	31.80587	9.221504	22.58437	34.28969	1
1680.56	1681.128	1013.128	56.31	83.66	55.83	57.25	71.66908	0	28.33092	24.16022	4.170704	33.4059	1
1680.565	1681.134	1013.134	57.14	68.08	56.19	55.08	78.31834	0	21.68166	16.49371	5.187953	34.19277	1
1680.57	1681.139	1013.139	55.78	77.07	54.25	51.86	81.88896	0	18.11104	6.426979	11.68406	35.2605	1
1680.575	1681.144	1013.144	57.44	131.03	54.96	57.86	74.66594	1.108597	24.22546	13.89269	10.33278	33.57874	1
1680.58	1681.149	1013.149	57.81	117.67	56.96	57.13	64.92616	1.451363	33.62248	21.94809	11.67439	32.34561	1
1680.585	1681.154	1013.154	54.64	68.23	54.49	54.59	74.38204	0	25.61796	14.86245	10.75551	33.29621	1
1680.59	1681.159	1013.159	53.92	108.17	51.58	48.59	82.35146	0	17.64854	17.30602	0.342525	36.59868	1
1680.595	1681.164	1013.164	52.35	63.06	51.16	47.94	85.79998	0	14.20002	14.20002	0	35.5386	1
1680.6	1681.169	1013.169	47.75	30.23	47.27	47.06	92.47434	0	7.52566	7.52566	0	35.02198	1
1680.605	1681.174	1013.174	52.35	98.17	50.9	48.45	79.31836	0	20.68164	17.90603	2.775608	35.51168	1
1680.61	1681.179	1013.179	51.86	66.79	51.47	53.48	79.14812	0	20.85188	13.77886	7.073022	33.39	1
1680.615	1681.184	1013.184	53.44	84.87	52.64	50.53	76.49666	0	23.50334	18.81627	4.687068	34.52331	1
1680.62	1681.189	1013.189	54.69	92.46	55.1	48.49	64.13238	0.412941	35.45468	15.34471	20.10997	33.92381	1
1680.625	1681.194	1013.194	53.49	57.18	53.95	55.44	73.38664	0	26.61336	18.37608	8.237279	32.41815	1
1680.63	1681.199	1013.199	53.5	54.38	53.65	54.21	76.45754	0	23.54246	20.11852	3.423939	32.89251	1
1680.635	1681.204	1013.204	52.16	57.54	51.66	50	81.96312	0	18.03688	4.394364	13.64252	34.23628	1
1680.64	1681.209	1013.209	51.24	58.61	50.9	48.37	81.31058	0	18.68942	18.68942	0	34.25107	1
1680.645	1681.214	1013.214	51.81	36.35	51.71	54.98	84.3131	0	15.6869	8.18737	7.49953	32.9399	1
1680.65	1681.219	1013.219	52.89	35.44	52.82	52.33	83.30722	0	16.69278	16.69278	0	33.48459	1
1680.655	1681.224	1013.224	51.49	50.64	51.48	50.91	80.45182	0	19.54818	4.596913	14.95127	33.43373	1
1680.66	1681.229	1013.229	52.92	42.26	52.94	54.43	80.93168	0	19.06832	8.732666	10.33565	32.93683	1
1680.665	1681.234	1013.234	50.3	33.86	50.5	49.55	83.97988	0	16.02012	8.606311	7.413809	33.42312	1
1680.67	1681.239	1013.239	47.37	29.92	47.62	49.57	87.24146	0	12.75854	12.75854	0	33.20344	1
1680.675	1681.244	1013.244	46.54	25.29	45.47	44.35	99.35552	0	0.64448	0.64448	0	37.01701	1
1680.68	1681.249	1013.249	45.64	19.51	44.9	44.98	99.02478	0	0.97522	0.97522	0	36.36794	1

1680.685	1681.254	1013.254	43.93	6.79	43.57	42.6	100	0	0	0	0	36.15736	1
1680.69	1681.259	1013.259	42.82	8.26	42.57	42.14	100	0	0	0	0	36.05103	1
1680.695	1681.264	1013.264	42.84	6.5	42.61	42.47	100	0	0	0	0	35.90611	1
1680.7	1681.269	1013.269	43.23	14.23	43	43.33	98.56724	0	1.43276	1.43276	0	35.75248	1
1680.705	1681.274	1013.274	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1681.005	1681.576	1013.576	49.54	83.26	47.67	45.31	88.76678	0	11.23322	6.141526	5.091694	36.81407	1
1681.01	1681.581	1013.581	46.58	50.12	44.88	42.35	98.19236	0	1.80764	1.80764	0	38.01828	1
1681.015	1681.586	1013.586	45.83	39.61	44.61	43.15	97.70578	0	2.29422	2.29422	0	37.14444	1
1681.02	1681.591	1013.591	53.98	58.24	53.55	52.73	79.57682	0	20.42318	17.73938	2.683805	33.80301	1
1681.025	1681.596	1013.596	52.05	42.67	51.75	52.55	84.11286	0	15.88714	15.88269	0.004447	33.61614	1
1681.03	1681.601	1013.601	55.29	61.5	54.88	55.89	77.4277	0	22.5723	8.439657	14.13264	33.34095	1
1681.035	1681.606	1013.606	54.24	55.07	53.56	53.85	82.04226	0	17.95774	17.95774	0	33.92492	1
1681.04	1681.611	1013.611	53.29	45.67	53.91	54.79	75.11606	0	24.88394	16.82469	8.059254	32.30728	1
1681.045	1681.616	1013.616	54.18	59.28	53.23	54.28	83.17114	0	16.82886	10.96974	5.859121	34.14721	1
1681.05	1681.622	1013.622	47.47	36.67	46.77	45.88	92.87846	0	7.12154	7.12154	0	35.52195	1
1681.055	1681.627	1013.627	46.54	31.39	46.21	45.61	92.14432	0	7.85568	6.975984	0.879696	34.96135	1
1681.06	1681.632	1013.632	47.15	30.28	46.79	46.39	92.08424	0	7.91576	4.60093	3.31483	34.90293	1
1681.065	1681.637	1013.637	50.99	97.6	49.06	44.14	84.4275	0	15.5725	11.6944	3.878104	36.90878	1
1681.07	1681.642	1013.642	47.1	51.59	46.14	43.29	91.62322	0	8.37678	8.37678	0	36.16752	1
1681.075	1681.647	1013.647	48.46	45.38	47.73	46.26	90.09234	0	9.90766	9.90766	0	35.30573	1
1681.08	1681.652	1013.652	52.76	99.37	51.5	48.24	77.17826	0	22.82174	22.61812	0.203616	35.36252	1
1681.085	1681.657	1013.657	55.79	69.18	55.53	52.71	73.94664	0	26.05336	13.30192	12.75144	33.89961	1
1681.09	1681.662	1013.662	55.83	59.64	56	56.56	72.88602	0	27.11398	5.817306	21.29667	32.8396	1
1681.095	1681.667	1013.667	56.94	48.94	57.15	57.79	74.14422	0	25.85578	15.54344	10.31234	32.7118	1
1681.1	1681.672	1013.672	57.72	55.53	57.5	56.61	75.16434	0	24.83566	16.71663	8.119032	33.37911	1
1681.105	1681.677	1013.677	58.28	54.52	57.91	58.23	76.05606	0	23.94394	14.86699	9.076948	33.2658	1
1681.11	1681.682	1013.682	54.17	44.85	53.84	53.14	81.8674	0	18.1326	15.00274	3.129857	33.6972	1
1681.115	1681.687	1013.687	54.67	39.89	54.43	53.38	81.91022	0	18.08978	3.611227	14.47855	33.62744	1
1681.12	1681.692	1013.692	56.09	50.7	55.32	54.5	82.0953	0	17.9047	6.284755	11.61995	34.08738	1
1681.125	1681.697	1013.697	55.44	62.6	54.98	55.73	77.411	0	22.589	5.010551	17.57845	33.43429	1
1681.13	1681.702	1013.702	56.98	74.65	56.78	56.91	71.0631	0	28.9369	8.714088	20.22281	33.33267	1
1681.135	1681.707	1013.707	54.1	61.21	53.92	53.34	76.81018	0	23.18982	16.67348	6.516342	33.44807	1
1681.14	1681.712	1013.712	54.28	82.55	53.59	54.38	75.4328	0	24.5672	17.55981	7.007387	33.79347	1
1681.145	1681.717	1013.717	53.37	71.95	53.41	53.85	73.1777	0	26.8223	22.84606	3.97624	33.11166	1
1681.15	1681.722	1013.722	51.37	65.09	51.25	52.06	77.91782	0	22.08218	10.54396	11.53822	33.29595	1
1681.155	1681.727	1013.727	51.8	55.11	51.47	51.79	81.56488	0	18.43512	6.948659	11.48646	33.67044	1
1681.16	1681.732	1013.732	51.03	67.66	50.26	50.33	82.64618	0	17.35382	7.786272	9.567548	34.37851	1
1681.165	1681.737	1013.737	53.52	77.54	53.83	54.82	69.59442	0	30.40558	8.499891	21.90569	32.84078	1
1681.17	1681.742	1013.742	51.71	58.85	51.47	51.91	80.0451	0	19.9549	5.623944	14.33096	33.50945	1
1681.175	1681.747	1013.747	50.16	55.88	49.88	50.85	82.49984	0	17.50016	17.32607	0.174092	33.64371	1
1681.18	1681.752	1013.752	49.17	68.71	47.8	46.04	88.75328	0	11.24672	11.24672	0	36.05643	1
1681.185	1681.757	1013.757	49.29	80.37	47.85	46.91	86.36366	0	13.63634	7.881338	5.755002	35.8256	1
1681.19	1681.762	1013.762	48.89	79.07	48.03	48.32	82.55126	0	17.44874	17.44874	0	34.66886	1
1681.195	1681.767	1013.767	48.04	58.07	47.38	45.84	86.86526	0	13.13474	13.13474	0	35.02448	1
1681.2	1681.772	1013.772	49.93	64.46	48.54	47.55	89.23758	0	10.76242	5.692057	5.070363	35.8885	1
1681.205	1681.777	1013.777	50.36	47.24	49.51	48.08	88.82422	0	11.17578	11.17578	0	35.1659	1
1681.21	1681.783	1013.783	51.62	48	51.04	50.67	85.3886	0	14.6114	5.986315	8.625085	34.27982	1
1681.215	1681.788	1013.788	51.41	41.73	51.61	51.85	81.05414	0	18.94586	17.1279	1.81796	33.0334	1
1681.22	1681.793	1013.793	52.62	56.94	51.83	50.67	83.93262	0	16.06738	8.972612	7.094768	34.5318	1
1681.225	1681.798	1013.798	51.14	64.68	50.24	51.17	84.27364	0	15.72636	12.02341	3.702953	34.44182	1
1681.23	1681.803	1013.803	54.55	55.88	53.87	53.85	81.56104	0	18.43896	18.43896	0	33.94213	1
1681.235	1681.808	1013.808	55.62	49.45	55.01	54.2	81.5902	0	18.4098	6.712732	11.69707	33.92781	1
1681.24	1681.813	1013.813	55.17	67.25	54.81	54.84	75.7591	0	24.2409	14.1048	10.1361	33.48434	1
1681.245	1681.818	1013.818	55.46	64.21	54.96	55.61	77.31298	0	22.68702	15.49582	7.191202	33.4953	1
1681.25	1681.823	1013.823	54.96	48.47	54.69	54.67	79.79956	0	20.20044	20.20044	0	33.40704	1
1681.255	1681.828	1013.828	54.49	46.21	54.43	54.11	79.15138	0	20.84862	16.03871	4.809913	33.24292	1
1681.26	1681.833	1013.833	53.38	62.53	53	55.22	78.70314	0	21.29686	11.94488	9.351985	33.21475	1
1681.265	1681.838	1013.838	56.13	70.7	55.77	55.73	74.041	0	25.959	12.32546	13.63354	33.47167	1
1681.27	1681.843	1013.843	56.14	56.65	55.75	56.06	77.6644	0	22.3356	5.877121	16.45848	33.39281	1
1681.275	1681.848	1013.848	56.05	43.04	55.33	54.79	83.59832	0	16.40168	14.23706	2.164622	34.03529	1
1681.28	1681.853	1013.853	57.66	70.13	56.72	55.91	77.26634	0	22.73366	11.96334	10.77032	34.07851	1
1681.285	1681.858	1013.858	57.59	56.21	57.07	56.95	77.44438	0	22.55562	19.23377	3.321854	33.52315	1
1681.29	1681.863	1013.863	57.27	45.9	56.57	55.67	81.6288	0	18.3712	18.3712	0	33.92601	1
1681.295	1681.868	1013.868	56.16	51.95	56	55.14	77.0009	0	22.9991	15.50786	7.49124	33.36149	1
1681.3	1681.873	1013.873	57.96	42.6	57.45	57.11	80.3201	0	19.6799	13.67736	6.002544	33.55543	1
1681.305	1681.878	1013.878	57.31	42.92	57.2	57.32	77.74066	0	22.25934	15.53813	6.721208	33.07505	1
1681.31	1681.883	1013.883	58.43	43.98	57.89	57.38	79.78624	0	20.21376	13.94513	6.268631	33.58158	1
1681.315	1681.888	1013.888	56.97	47.44	56.65	57.78	78.58712	0	21.41288	21.41288	0	33.12275	1
1681.32	1681.893	1013.893	56.16	47.06	55.57	55.2	81.51678	0	18.48322	18.48322	0	33.7838	1
1681.325	1681.898	1013.898	54.44	52.74	53.65	53.2	83.27462	0	16.72538	16.72538	0	34.21365	1
1681.33	1681.903	1013.903	55.43	67.66	54.56	53.95	79.37318	0	20.62682	14.39854	6.228283	34.15531	1
1681.335	1681.908	1013.908	55.35	54.34	54.96	53.2	78.95022	0	21.04978	4.303105	16.74667	33.82852	1
1681.34	1681.913	1013.913	54.94	67.56	55.04	57.49	72.33068	0	27.66932	11.16885	16.50047	32.62021	1

1681.345	1681.918	1013.918	55.14	101.46	54.12	55.45	72.62288	0.051346	27.32577	8.645981	18.67979	34.00202	1
1681.35	1681.923	1013.923	52.91	56.99	52.53	53.26	80.47622	0	19.52378	19.52378	0	33.54636	1
1681.355	1681.928	1013.928	54.84	54.62	54.04	54.02	82.52916	0	17.47084	17.47084	0	34.08555	1
1681.36	1681.933	1013.933	56.51	60.95	56.21	56.28	75.5859	0	24.4141	13.47537	10.93873	33.33422	1
1681.365	1681.938	1013.938	52.6	58.41	52.49	52.96	78.32528	0	21.67472	11.24336	10.43136	33.26181	1
1681.37	1681.943	1013.943	49.1	54.3	48.6	46.08	85.5624	0	14.4376	6.407502	8.030098	34.80535	1
1681.375	1681.949	1013.949	49.3	62.76	48.35	49.08	86.81858	0	13.18142	11.38819	1.793234	34.87029	1
1681.38	1681.954	1013.954	49.2	49.47	48.8	48.91	85.86426	0	14.13574	5.626141	8.509599	34.19195	1
1681.385	1681.959	1013.959	48.16	74.25	46.43	44.96	91.1318	0	8.8682	8.8682	0	36.83209	1
1681.39	1681.964	1013.964	46.83	84.14	44.38	40.93	95.54202	0	4.45798	4.45798	0	38.90317	1
1681.395	1681.969	1013.969	44.38	93.55	42.3	39.08	92.6513	0	7.3487	7.3487	0	38.34306	1
1681.4	1681.974	1013.974	43.82	78.22	42	39.69	94.86136	0	5.13864	4.3805	0.75814	38.09979	1
1681.405	1681.979	1013.979	40.08	43.31	39.46	38.58	97.45038	0	2.54962	2.54962	0	36.76945	1
1681.41	1681.984	1013.984	40.77	49.78	39.61	36.41	99.43484	0	0.56516	0.56516	0	38.25163	1
1681.415	1681.989	1013.989	40.13	27.45	39.7	36.39	99.77	0	0.23	0.23	0	37.24348	1
1681.42	1681.994	1013.994	42.24	63.03	40.83	35.27	96.81344	0	3.18656	3.18656	0	38.52195	1
1681.425	1681.999	1013.999	45.29	71.14	44.15	41.72	89.95232	0	10.04768	10.04768	0	36.40962	1
1681.43	1682.004	1014.004	46.59	96.83	45.33	42.47	83.46934	0	16.53066	16.53066	0	36.10735	1
1681.435	1682.009	1014.009	46.48	84.7	45.44	40.67	84.801	0	15.199	15.199	0	36.21274	1
1681.44	1682.014	1014.014	46.41	99.46	44.34	38.22	89.27598	0	10.72402	10.72402	0	38.26441	1
1681.445	1682.019	1014.019	44.33	51.41	43.19	43.24	95.61018	0	4.38982	4.38982	0	36.6533	1
1681.45	1682.024	1014.024	45.56	64.85	44.4	40.79	91.3811	0	8.6189	8.6189	0	36.75134	1
1681.455	1682.029	1014.029	48.4	107.3	45.33	41.2	93.2979	0	6.7021	6.7021	0	39.42668	1
1681.46	1682.034	1014.034	47.8	133.47	43.94	40.86	93.63926	0.582229	5.778511	5.778511	0	39.7304	1
1681.465	1682.039	1014.039	46.55	79.37	44.74	41.89	91.99396	0	8.00604	8.00604	0	37.49924	1
1681.47	1682.044	1014.044	47.7	64.17	46.43	46.47	90.42936	0	9.57064	3.05911	6.51153	35.89372	1
1681.475	1682.049	1014.049	50.26	66.14	50.26	51.98	77.75492	0	22.24508	13.61739	8.627691	33.05014	1
1681.48	1682.054	1014.054	51.85	78.8	51.42	52.85	76.5609	0	23.4391	14.06259	9.376509	33.53803	1
1681.485	1682.059	1014.059	52.51	93.07	52.61	53.79	68.39286	0.030779	31.57636	7.969161	23.6072	33.13317	1
1681.49	1682.064	1014.064	54.6	67.95	54.94	55.43	70.6891	0	29.3109	4.955128	24.35577	32.79622	1
1681.495	1682.069	1014.069	56.01	55.39	56.08	56.5	74.52392	0	25.47608	9.853028	15.62305	32.91713	1
1681.5	1682.074	1014.074	53.45	48.11	53.53	54.55	78.56338	0	21.43662	6.211644	15.22498	32.88208	1
1681.505	1682.079	1014.079	50.87	48.25	50.04	50.06	87.9556	0	12.0444	4.721016	7.323384	34.7551	1
1681.51	1682.084	1014.084	53.61	70.05	53.21	52.08	76.8267	0	23.1733	10.67255	12.50075	33.83767	1
1681.515	1682.089	1014.089	53.59	88.16	55.07	54.24	57.89248	0.757153	41.35037	24.41737	16.933	31.90958	1
1681.52	1682.094	1014.094	50.87	91.73	53.02	56.67	54.33844	1.069777	44.59178	28.78519	15.80659	30.37439	1
1681.525	1682.099	1014.099	47.55	80.37	49.33	53.78	63.00946	0	36.99054	10.8154	26.17514	31.07441	1
1681.53	1682.104	1014.104	44.58	84.22	45.03	38.1	75.11766	0	24.88234	19.68958	5.192756	34.48108	1
1681.535	1682.11	1014.11	41.7	106.38	39.86	33.15	90.15204	0	9.84796	7.925532	1.922428	38.76126	1
1681.54	1682.115	1014.115	41.79	89.33	40.04	34.39	93.49784	0	6.50216	3.835281	2.666879	38.73489	1
1681.545	1682.12	1014.12	41.48	84.4	38.68	34.33	100	0	0	0	0	40.33527	1
1681.55	1682.125	1014.125	42.57	71.68	42.68	32.89	82.63654	0	17.36346	15.24159	2.121875	35.75512	1
1681.555	1682.13	1014.13	43.32	78.21	44.3	38.1	73.62378	0	26.37622	23.69432	2.681898	33.69859	1
1681.56	1682.135	1014.135	46.39	97.7	46.79	43.45	70.5778	0.024174	29.39803	22.68966	6.708368	33.86566	1
1681.565	1682.14	1014.14	46.01	88.43	47.38	39.11	65.65324	0	34.34676	8.286254	26.06051	33.79719	1
1681.57	1682.145	1014.145	47.2	81.91	48.06	45.69	70.08878	0	29.91122	22.47137	7.43985	33.05044	1
1681.575	1682.15	1014.15	47.37	71.17	47.65	49.79	77.02646	0	22.97354	5.231449	17.74209	32.80864	1
1681.58	1682.155	1014.155	46.93	77.61	48.28	51.06	67.58028	0	32.41972	14.36986	18.04986	31.59512	1
1681.585	1682.16	1014.16	47.24	52.42	47.35	47.85	83.00106	0	16.99894	16.99894	0	33.45226	1
1681.59	1682.165	1014.165	50.56	39.75	49.92	48.61	88.8253	0	11.1747	11.1747	0	34.8442	1
1681.595	1682.17	1014.17	51.68	42.9	50.76	49.89	89.2026	0	10.7974	10.19736	0.600037	35.04874	1
1681.6	1682.175	1014.175	50.94	59.08	50.39	51.02	83.10034	0	16.89966	15.77191	1.127752	34.00999	1
1681.605	1682.18	1014.18	48.74	70.03	49.07	50.41	75.65444	0	24.34556	22.89617	1.449391	32.80327	1
1681.61	1682.185	1014.185	47.91	73.44	48.29	48.26	75.20532	0	24.79468	11.69904	13.09564	33.05233	1
1681.615	1682.19	1014.19	47.99	81.75	48.43	47.84	72.6557	0	27.3443	6.03936	21.30494	33.13447	1
1681.62	1682.195	1014.195	46.03	52.9	45.84	46.15	86.3231	0	13.6769	13.6769	0	34.17579	1
1681.625	1682.2	1014.2	45.51	27.46	45.03	44.46	95.20548	0	4.79452	4.79452	0	35.60509	1
1681.63	1682.205	1014.205	44.91	23.27	44.47	44	96.46146	0	3.53854	3.53854	0	35.74603	1
1681.635	1682.21	1014.21	46.79	44.33	45.67	43.08	94.90534	0	5.09466	5.09466	0	36.73012	1
1681.64	1682.215	1014.215	45.77	29.94	45.15	44.91	95.45112	0	4.54888	4.54888	0	35.75067	1
1681.645	1682.22	1014.22	48.13	84.7	45.69	44.57	94.133	0	5.867	5.867	0	38.093	1
1681.65	1682.225	1014.225	44.02	53.96	42.44	41.33	98.68828	0	1.31172	1.31172	0	37.98252	1
1681.655	1682.23	1014.23	40.31	29.08	39.51	38.2	100	0	0	0	0	36.98839	1
1681.66	1682.235	1014.235	40.58	34.52	39.59	39.04	100	0	0	0	0	37.13759	1
1681.665	1682.24	1014.24	39.59	37.94	38.65	36.21	100	0	0	0	0	37.60219	1
1681.67	1682.245	1014.245	40.01	27.4	39.09	37.94	100	0	0	0	0	36.81106	1
1681.675	1682.25	1014.25	39.95	33.99	38.56	36.04	100	0	0	0	0	37.33422	1
1681.68	1682.255	1014.255	41.06	37.31	39.9	39.09	100	0	0	0	0	37.34683	1
1681.685	1682.26	1014.26	41.88	24.71	40.98	40.11	100	0	0	0	0	36.78258	1
1681.69	1682.265	1014.265	42.78	36.4	41.88	40.57	98.8086	0	1.1914	1.1914	0	37.15249	1
1681.695	1682.271	1014.271	44	44.07	42.63	42.04	99.47256	0	0.52744	0.52744	0	37.6842	1
1681.7	1682.276	1014.276	44.88	34.34	43.66	42.24	99.85512	0	0.14488	0.14488	0	37.5582	1
1681.705	1682.281	1014.281	44.45	36.75	43.7	42.81	96.025	0	3.975	3.975	0	36.27712	1

1681.71	1682.286	1014.286	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1682.02	1682.598	1014.598	94.44419	38.99809	94.38527	94.88607	44.13042	8.043606	47.82598	24.30221	23.52377	32.80719	10
1682.025	1682.603	1014.603	91.09563	86.43452	91.73828	91.67985	30.29433	12.28518	57.42049	33.33878	24.08171	31.40602	10
1682.03	1682.608	1014.608	73.41632	69.01364	73.19889	73.0793	57.44079	1.061125	41.49808	13.99679	27.50129	33.40125	10
1682.035	1682.613	1014.613	69.17	93.75	68.59	67.31	58.1711	1.370362	40.45854	12.88143	27.57711	32.88369	10
1682.04	1682.618	1014.618	69.83	113.14	69.61	68.1	50.08152	3.313087	46.60539	16.04103	30.56437	31.48215	10
1682.045	1682.623	1014.623	72.24	82.84	72.11	73.96	54.49942	1.890286	43.61029	24.3231	19.28719	32.22906	10
1682.05	1682.628	1014.628	73.48	76.57	73.23	73.9	55.80596	1.526995	42.66705	19.21357	23.45347	32.84545	10
1682.055	1682.633	1014.633	73.9	75.76	73.79	72.83	54.53058	1.821118	43.6483	31.70716	11.94114	33.00848	10
1682.06	1682.638	1014.638	76.46	86.7	76.11	75.54	51.3879	2.704239	45.90786	27.45038	18.45748	32.45003	10
1682.065	1682.643	1014.643	76.54	84.67	77.4	79.15	42.42806	5.170387	52.40155	17.69907	34.70248	31.24084	10
1682.07	1682.648	1014.648	78.93	65.89	79.35	80.8	48.18402	3.769814	48.04617	25.98941	22.05675	32.24916	10
1682.075	1682.653	1014.653	79.66	65.3	79.95	80	48.6627	3.676156	47.66114	29.32852	18.33263	32.60382	10
1682.08	1682.658	1014.658	80.28	59.09	80.64	81.04	49.05262	3.666642	47.28074	33.53243	13.74831	32.72317	10
1682.085	1682.663	1014.663	80.45	60.93	81.25	81.74	45.04094	5.017346	49.94171	19.72909	30.21263	32.26358	10
1682.09	1682.668	1014.668	79.78	49.55	79.99	80.16	52.9838	2.455987	44.56021	21.80475	22.75546	33.42369	10
1682.095	1682.673	1014.673	78.97	46.06	79.04	78.27	55.65858	1.602578	42.73884	25.36024	17.3786	34.02346	10
1682.1	1682.678	1014.678	78.81	42.51	79.21	78.57	54.10738	2.099658	43.79296	15.86943	27.92353	33.82151	10
1682.105	1682.683	1014.683	78.61	40.69	79	79.66	54.80932	1.881021	43.30966	29.22168	14.08798	33.71177	10
1682.11	1682.688	1014.688	76.14	60.52	77	76.57	48.64036	3.39264	47.967	21.48688	26.48012	32.62866	10
1682.115	1682.693	1014.693	76.92	38.76	77.34	77.45	56.59868	1.238424	42.1629	20.28689	21.87601	34.05117	10
1682.12	1682.698	1014.698	77.26	46.59	77.94	79.39	52.37602	2.464486	45.15949	23.21198	21.94751	33.04721	10
1682.125	1682.703	1014.703	76.78	45.98	77.15	78.04	55.36774	1.570784	43.06148	26.5384	16.52307	33.56501	10
1682.13	1682.708	1014.708	77.64	38.44	77.93	77.33	57.02122	1.164852	41.81393	22.9281	18.88583	34.29155	10
1682.135	1682.713	1014.713	82.67637	45.33611	83.10469	83.5223	49.64692	3.915237	46.43784	15.38662	31.05122	33.12113	10
1682.14	1682.718	1014.718	126.1447	58.31423	126.952	129.9174	3.578625	83.59669	12.82468	12.82468	0	-9999	10
1682.145	1682.723	1014.723	121.3306	61.15935	122.2862	122.6749	6.169317	68.1042	25.72648	18.20874	7.517743	-9999	10
1682.15	1682.728	1014.728	124.1636	50.22931	124.4581	125.2434	11.33163	62.76476	25.90361	13.25047	12.65314	25.37142	10
1682.155	1682.733	1014.733	125.4844	67.94886	126.5035	127.5062	0.212501	86.8024	12.9851	12.9851	0	-9999	10
1682.16	1682.738	1014.738	126.1612	52.78979	126.672	126.4413	7.198026	75.57522	17.22675	3.091396	14.13536	-9999	10
1682.165	1682.743	1014.743	126.0676	62.19843	126.5782	128.0768	5.00917	75.83033	19.1605	19.1605	0	-9999	10
1682.17	1682.748	1014.748	132.3651	62.57082	133.1057	134.3176	0	100	0	0	0	-9999	10
1682.175	1682.753	1014.753	130.8174	56.59001	131.3197	131.0518	2.060299	96.52995	1.409751	1.409751	0	-9999	10
1682.18	1682.759	1014.759	131.758	70.32374	132.6146	132.1275	0	100	0	0	0	-9999	10
1682.185	1682.764	1014.764	135.4111	73.4767	135.9723	136.2104	0	100	0	0	0	-9999	10
1682.19	1682.769	1014.769	136.4919	69.0832	137.1747	137.721	0	100	0	0	0	-9999	10
1682.195	1682.774	1014.774	137.3625	80.83961	138.2527	140.4611	0	100	0	0	0	-9999	10
1682.2	1682.779	1014.779	133.4897	74.00861	134.1825	135.5343	0	100	0	0	0	-9999	10
1682.205	1682.784	1014.784	129.033	62.94319	129.7985	132.7939	0.124884	96.26467	3.610447	3.610447	0	-9999	10
1682.21	1682.789	1014.789	124.672	57.61541	125.1802	128.2462	7.419814	70.09917	22.48102	22.48102	0	-9999	10
1682.215	1682.794	1014.794	119.43	47.68059	119.7037	120.557	16.46452	48.0135	35.52198	23.05174	12.47024	27.4342	10
1682.22	1682.799	1014.799	119.3861	39.0782	119.6758	121.1567	18.46244	47.60906	33.9285	25.56798	8.360521	27.24994	10
1682.225	1682.804	1014.804	125.1729	41.92747	125.6987	125.0578	10.61958	71.3538	18.02661	14.96812	3.058491	24.36388	10
1682.23	1682.809	1014.809	129.07	47.36152	129.653	130.8689	5.276078	89.89672	4.827199	4.827199	0	-9999	10
1682.235	1682.814	1014.814	123.8373	60.07377	124.5732	124.7857	5.828913	72.499	21.67208	16.63196	5.040122	-9999	10
1682.24	1682.819	1014.819	84.72	30.43456	85.11795	85.50485	51.60829	3.763683	44.62803	18.71165	25.91637	33.69595	10
1682.245	1682.824	1014.824	76.86	28.51	77.02	77.65	61.14938	0	38.85062	13.51685	25.33377	34.90001	10
1682.25	1682.829	1014.829	75.46	32.25	75.74	76.53	60.6023	0.048272	39.34943	21.57325	17.77618	34.67241	10
1682.255	1682.834	1014.834	76.44	32.58	76.83	77.87	58.76834	0.600025	40.63164	23.04945	17.58218	34.34088	10
1682.26	1682.839	1014.839	75.14	54.88	76.12	77.12	49.99524	2.902502	47.10226	16.14046	30.96179	32.58295	10
1682.265	1682.844	1014.844	76.7	44.71	77.49	78.98	52.49368	2.377963	45.12836	22.25958	22.86878	33.06745	10
1682.27	1682.849	1014.849	75.76	27.73	76.04	76.46	61.42014	0	38.57986	24.71543	13.86443	34.76919	10
1682.275	1682.854	1014.854	75.01	30.95	75.21	75.71	61.9509	0	38.0491	13.89031	24.15879	34.52725	10
1682.28	1682.859	1014.859	75.39	30.33	75.59	75.51	61.75134	0	38.24866	16.09648	22.15218	34.71978	10
1682.285	1682.864	1014.864	77.07	29.08	77.35	78.48	59.88824	0.32649	39.78527	18.49085	21.29442	34.62452	10
1682.29	1682.869	1014.869	81.96	27.2	82	82	57.7044	1.293481	41.00212	17.46161	23.54051	34.7074	10
1682.295	1682.874	1014.874	81.73	36.36	82.14	81.49	52.83178	2.848982	44.31924	31.79269	12.52655	33.86616	10
1682.3	1682.879	1014.879	82.97	42.62	83.5	83.83	49.24606	4.165642	46.5883	29.17352	17.41478	33.1382	10
1682.305	1682.884	1014.884	83.2	37.67	83.41	85.62	52.71236	2.98029	44.30735	21.09456	23.21279	33.35809	10
1682.31	1682.889	1014.889	81.98	38.71	82.49	83.8	51.25808	3.396322	45.3456	28.02239	17.32321	33.2507	10
1682.315	1682.894	1014.894	82.42	32.49	82.61	81.89	54.83852	2.250773	42.91071	22.16218	20.74853	34.28198	10
1682.32	1682.899	1014.899	82.9	34.75	83	84.45	54.5475	2.33641	43.11609	28.84497	14.27112	33.81832	10
1682.325	1682.904	1014.904	82.17	35.23	82.28	82.68	55.02544	2.110485	42.86408	24.52675	18.33733	34.04935	10
1682.33	1682.909	1014.909	81.73	33.61	82	81.94	54.58228	2.27425	43.14347	30.79943	12.34404	34.07087	10
1682.335	1682.914	1014.914	81.93	30.28	82.22	82.12	55.04914	2.185909	42.76495	25.02976	17.73519	34.21737	10
1682.34	1682.92	1014.92	82.13	32.03	82.31	80.61	55.29414	2.075593	42.63027	27.7313	14.89897	34.53226	10
1682.345	1682.925	1014.925	80.29	34.34	80.43	79.5	56.73792	1.433433	41.82865	13.2406	28.58804	34.50728	10
1682.35	1682.93	1014.93	78.87	36.02	79.16	79.35	56.47526	1.41825	42.10649	30.8998	11.20669	34.15917	10
1682.355	1682.935	1014.935	78.93	45.97	79.71	81.49	50.21466	3.306451	46.47889	31.26311	15.21578	32.78785	10
1682.36	1682.94	1014.94	78.14	39.27	78.5	78.96	55.81786	1.549665	42.63247	21.05169	21.58078	33.90791	10
1682.365	1682.945	1014.945	75.57	32.26	75.8	76.33	60.88618	0	39.11382	16.75267	22.36115	34.74916	10
1682.37	1682.95	1014.95	76.61	32.93	76.9	77.73	59.30224	0.463129	40.23463	12.47657	27.75806	34.47377	10
1682.375	1682.955	1014.955	77.68	30.84	77.76	78.61	60.45112	0.192017	39.35686	25.238	14.11886	34.77584	10

1682.38	1682.96	1014.96	77.52	29.37	77.73	78.29	59.94656	0.333992	39.71945	9.826664	29.89278	34.75632	10
1682.385	1682.965	1014.965	76.28	24.04	76.4	75.76	63.07472	0	36.92528	6.492298	30.43298	34.7971	10
1682.39	1682.97	1014.97	75.68	26.61	75.95	76.17	61.84228	0	38.15772	25.56953	12.58819	34.73859	10
1682.395	1682.975	1014.975	109.341	32.00377	109.5729	111.08	29.86436	25.57955	44.55609	29.45041	15.10568	30.28977	10
1682.4	1682.98	1014.98	123.382	39.52069	123.5943	124.6229	15.2796	57.63314	27.08726	8.248637	18.83862	25.76719	10
1682.405	1682.985	1014.985	120.4054	45.73575	120.6477	121.2779	16.28071	49.92088	33.79841	11.99063	21.80778	27.14179	10
1682.41	1682.99	1014.99	120.77	43.03987	121.223	120.7376	14.96529	54.87223	30.16248	23.44803	6.714449	26.75339	10
1682.415	1682.995	1014.995	121.2776	48.83288	122.0069	121.8772	10.95485	62.42277	26.62239	16.77296	9.849428	25.99746	10
1682.42	1683	1015	118.6621	41.76402	118.9832	119.4327	18.23545	46.45871	35.30584	16.73798	18.56786	27.66663	10
1682.425	1683.005	1015.005	117.2061	39.02914	117.4936	116.1837	20.49688	42.09966	37.40346	19.08875	18.31472	28.55542	10
1682.43	1683.01	1015.01	113.2739	38.1421	113.7151	113.2897	23.13889	35.63689	41.22422	26.98929	14.23493	29.35588	10
1682.435	1683.015	1015.015	111.6813	33.85794	112.1512	111.4307	25.41829	32.56361	42.0181	22.73307	19.28502	29.81615	10
1682.44	1683.02	1015.02	112.5799	31.03168	113.1768	115.7368	24.2914	35.79835	39.91025	24.28187	15.62838	28.81173	10
1682.445	1683.025	1015.025	115.9048	36.70498	116.8105	119.1464	17.46539	48.56366	33.97095	10.51739	23.45356	27.34685	10
1682.45	1683.03	1015.03	113.1574	57.40009	113.5822	117.7523	18.71165	36.47974	44.80861	35.10392	9.704694	28.57009	10
1682.455	1683.035	1015.035	112.7228	74.56648	113.634	116.3205	11.18805	43.23735	45.57459	35.77543	9.799161	28.67521	10
1682.46	1683.04	1015.04	110.9017	67.74159	111.7446	116.2087	15.04462	37.91662	47.03876	29.5038	17.53496	28.71708	10
1682.465	1683.045	1015.045	110.8361	57.98726	111.1482	113.5516	21.57892	30.72486	47.69622	19.35348	28.34274	29.52984	10
1682.47	1683.05	1015.05	114.4881	67.53931	114.5672	116.9866	17.71364	35.03522	47.25114	18.62328	28.62786	29.03522	10
1682.475	1683.055	1015.055	122.5076	59.48036	122.5402	122.9632	12.64653	52.49152	34.86195	20.25785	14.6041	26.91776	10
1682.48	1683.06	1015.06	127.1992	56.2311	127.7781	126.4219	4.882655	81.92652	13.19082	9.588712	3.602108	-9999	10
1682.485	1683.065	1015.065	127.0992	56.822	127.3307	126.3056	7.523834	72.17537	20.3008	7.952939	12.34786	-9999	10
1682.49	1683.07	1015.07	125.3386	63.99331	125.125	122.7257	10.85779	55.45735	33.68487	21.19752	12.48734	26.87103	10
1682.495	1683.075	1015.075	128.5366	54.33164	128.7028	126.5752	7.30986	75.82547	16.86466	11.93764	4.927026	-9999	10
1682.5	1683.081	1015.081	129.7667	58.55234	130.1506	129.2492	3.469558	87.85566	8.674786	8.674786	0	-9999	10
1682.505	1683.086	1015.086	126.573	53.00612	126.9031	125.0709	8.166815	72.50898	19.32421	15.70499	3.619218	24.49538	10
1682.51	1683.091	1015.091	125.6222	54.17298	125.8854	125.7538	9.277977	67.34951	23.37251	13.00204	10.37047	24.92232	10
1682.515	1683.096	1015.096	128.0161	52.50742	128.0493	126.2082	9.261292	69.94641	20.7923	5.260531	15.53177	24.48861	10
1682.52	1683.101	1015.101	130.3702	55.41731	130.8217	131.5911	3.148777	92.60762	4.243607	4.243607	0	-9999	10
1682.525	1683.106	1015.106	129.6734	54.77054	129.7068	128.9228	7.187416	76.53294	16.27965	11.5611	4.718549	-9999	10
1682.53	1683.111	1015.111	128.3194	44.88648	128.5186	127.9044	9.539588	75.25718	15.20323	3.692136	11.51109	23.40645	10
1682.535	1683.116	1015.116	127.7022	39.07391	128.6132	128.8616	5.998035	92.34416	1.657803	0	1.657803	-9999	10
1682.54	1683.121	1015.121	128.7995	37.67309	129.4812	130.1296	7.10474	90.89901	1.996255	0	1.996255	-9999	10
1682.545	1683.126	1015.126	129.1331	54.27184	130.132	133.245	0.312404	96.79512	2.89248	2.89248	0	-9999	10
1682.55	1683.131	1015.131	129.2031	52.5253	129.686	131.0679	4.679917	87.86109	7.458993	3.075908	4.383085	-9999	10
1682.555	1683.136	1015.136	133.3158	49.0559	133.5015	134.0757	3.736465	90.50701	5.756521	4.794255	0.962265	-9999	10
1682.56	1683.141	1015.141	127.0423	46.98106	127.4722	129.9525	8.419778	76.60689	14.97333	0	14.97333	23.00116	10
1682.565	1683.146	1015.146	118.4902	45.46245	119.2926	122.1008	13.7689	54.76553	31.46557	15.95241	15.51316	26.5024	10
1682.57	1683.151	1015.151	125.3379	48.69903	126.2252	129.2814	6.027488	81.50089	12.47162	6.45639	6.015232	-9999	10
1682.575	1683.156	1015.156	125.0842	35.19003	125.2319	125.7736	15.26163	61.37995	23.35842	14.11494	9.243478	25.11003	10
1682.58	1683.161	1015.161	128.5527	32.68513	129.0844	130.4134	9.701606	84.98877	5.309623	3.988764	1.320859	21.56894	10
1682.585	1683.166	1015.166	126.9282	35.57999	127.2916	127.8367	11.79927	73.59771	14.60302	0	14.60302	23.41444	10
1682.59	1683.171	1015.171	128.2091	38.90611	128.5907	128.5078	9.674755	79.57831	10.74694	2.832029	7.914908	22.68404	10
1682.595	1683.176	1015.176	127.4555	37.82807	127.9355	130.0043	9.866814	79.06532	11.06786	0	11.06786	22.47258	10
1682.6	1683.181	1015.181	124.7976	41.04441	125.5684	127.979	9.280074	75.82749	14.89244	9.183316	5.709125	23.3816	10
1682.605	1683.186	1015.186	125.7716	40.32136	126.216	128.997	11.08894	71.50782	17.40324	0	17.40324	23.56238	10
1682.61	1683.191	1015.191	126.2407	41.5178	126.6196	128.3331	10.8744	71.72284	17.40277	0.567933	16.83483	23.67857	10
1682.615	1683.196	1015.196	125.8146	43.86853	126.1437	129.4845	11.08356	69.00448	19.91197	1.563687	18.34828	23.80785	10
1682.62	1683.201	1015.201	124.5811	52.83032	125.1547	126.4329	8.15522	71.00223	20.84255	16.28163	4.56092	24.44269	10
1682.625	1683.206	1015.206	122.1538	52.21953	122.8688	123.9413	9.440058	65.3516	25.20834	22.47772	2.730621	25.43896	10
1682.63	1683.211	1015.211	105.6407	64.40148	105.6561	105.9943	27.10623	20.49196	52.40181	28.49507	23.90674	30.96559	10
1682.635	1683.216	1015.216	108.0269	43.32827	108.2751	109.0815	28.20682	24.51334	47.27984	29.12516	18.15468	30.51442	10
1682.64	1683.221	1015.221	119.8545	47.27186	120.4026	121.531	14.04639	54.2673	31.68631	10.65824	21.02807	26.70933	10
1682.645	1683.226	1015.226	119.8928	39.21969	120.0863	121.4082	18.70815	47.18306	34.10879	18.73532	15.37348	27.26928	10
1682.65	1683.231	1015.231	118.2562	40.98362	118.6729	117.9196	18.0566	47.02172	34.92167	11.93489	22.98679	27.86178	10
1682.655	1683.236	1015.236	118.9421	37.55387	119.3118	119.4564	18.62052	47.76996	33.60952	22.29012	11.3194	27.50525	10
1682.66	1683.241	1015.241	110.6888	41.86126	111.0478	110.5483	25.25346	29.93535	44.81119	14.91362	29.89757	30.09941	10
1682.665	1683.247	1015.247	112.3714	44.3395	112.811	114.789	22.48153	34.22324	43.29523	19.44776	23.84746	29.1338	10
1682.67	1683.252	1015.252	110.4812	48.43259	110.6839	110.4812	25.06556	28.19265	46.74179	23.52568	23.21611	30.23226	10
1682.675	1683.257	1015.257	106.583	49.96739	107.0902	107.0902	25.92041	25.40052	48.67907	20.53078	28.14828	30.5952	10
1682.68	1683.262	1015.262	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1683	1683.584	1015.584	123.062	148.6823	122.6212	134.0491	0	49.9886	50.0114	50.0114	0	-9999	10
1683.005	1683.589	1015.589	108.65	46.07107	108.898	109.4558	26.97116	25.63296	47.39588	24.79876	22.59712	30.41329	10
1683.01	1683.594	1015.594	116.8842	81.70806	116.182	115.5915	18.1352	28.69936	53.16544	40.08127	13.08417	30.19364	10
1683.015	1683.599	1015.599	115.9827	50.51772	115.9191	116.11	21.56367	34.70952	43.72681	32.06839	11.65842	29.22349	10
1683.02	1683.604	1015.604	113.0185	58.99679	112.9556	112.9084	22.23363	29.87702	47.88935	35.88244	12.0069	29.95804	10
1683.025	1683.609	1015.609	110.6788	65.11114	111.428	112.4425	16.61232	36.1481	47.23958	32.47834	14.76124	29.44373	10
1683.03	1683.614	1015.614	110.2988	51.95623	110.4547	111.3431	24.74379	27.59261	47.6636	26.43067	21.23293	30.0964	10
1683.035	1683.619	1015.619	112.9656	48.1933	112.8554	111.8641	25.26255	28.44604	46.29141	24.28903	22.00238	30.24982	10
1683.04	1683.624	1015.624	114.9132	63.35039	115.563	116.498	13.9134	43.9245	42.1621	19.72339	22.43871	28.49971	10
1683.045	1683.629	1015.629	116.2259	60.22635	117.1811	118.8526	11.09496	51.82024	37.0848	29.62185	7.462953	27.55992	10
1683.05	1683.634	1015.634	113.45	52.13812	114.4432	117.2811	15.31097	44.58246	40.10657	17.45966	22.64691	28.07429	10
1683.055	1683.639	1015.639	110.6288	79.61925	113.2193	116.637	0	60.23604	39.76396	39.76396	0	-9999	10

1683.06	1683.644	1015.644	119.3234	58.41228	120.2087	120.1765	9.225557	59.72822	31.04622	14.13977	16.90645	26.75842	10
1683.065	1683.649	1015.649	121.5651	69.30336	123.3824	124.3235	0	87.99815	12.00185	12.00185	0	-9999	10
1683.07	1683.654	1015.654	116.5662	97.29608	119.1332	122.609	0	82.73872	17.26128	17.26128	0	-9999	10
1683.075	1683.659	1015.659	118.4858	88.07899	119.8661	122.4824	0	68.10856	31.89144	31.89144	0	-9999	10
1683.08	1683.664	1015.664	109.9277	63.29443	111.4065	113.5079	12.0887	43.19306	44.71824	35.15826	9.559974	28.90309	10
1683.085	1683.669	1015.669	115.7982	61.32437	116.5774	117.8177	12.58639	47.95679	39.45682	30.32597	9.130858	28.00364	10
1683.09	1683.674	1015.674	126.403	78.74759	127.5581	128.6142	0	95.43381	4.566186	4.566186	0	-9999	10
1683.095	1683.679	1015.679	119.2	95.89029	120.9541	121.5174	0	78.37867	21.62133	21.62133	0	-9999	10
1683.1	1683.684	1015.684	107.4291	103.8312	109.9752	113.7866	0	52.07744	47.92256	47.92256	0	-9999	10
1683.105	1683.689	1015.689	112.6057	85.8	113.423	116.1418	9.305561	42.47048	48.22396	38.01966	10.2043	28.96006	10
1683.11	1683.694	1015.694	115.2117	53.25521	115.1959	117.3688	21.24038	34.10285	44.65678	17.98356	26.67322	28.98435	10
1683.115	1683.699	1015.699	108.4965	48.62179	108.5739	109.6887	27.81678	23.78057	48.40265	22.43308	25.96957	30.49964	10
1683.12	1683.704	1015.704	109.9056	45.97978	109.9522	110.7303	27.39799	25.33787	47.26414	26.28294	20.9812	30.36687	10
1683.125	1683.709	1015.709	110.79	44.34383	110.7588	111.4614	27.584	25.68384	46.73217	31.75038	14.98179	30.32114	10
1683.13	1683.714	1015.714	106.8354	53.93957	107.2356	108.9749	25.55659	25.00007	49.44334	24.31737	25.12597	30.29386	10
1683.135	1683.719	1015.719	109.21	47.19331	108.9771	110.4674	29.91066	21.38235	48.70699	28.52251	20.18449	30.69264	10
1683.14	1683.724	1015.724	112.0057	52.58971	111.9743	113.9657	24.47111	28.16212	47.36676	30.80395	16.56281	29.77135	10
1683.145	1683.729	1015.729	108.571	49.66991	108.5245	110.1815	28.45463	22.66132	48.88404	27.52766	21.35638	30.51418	10
1683.15	1683.735	1015.735	100.4751	90.63159	101.8142	104.041	15.25226	26.3204	58.42734	39.38422	19.04313	30.59968	10
1683.155	1683.74	1015.74	101.7153	53.73017	102.1989	103.6496	29.67154	18.98754	51.34092	30.80807	20.53285	30.98464	10
1683.16	1683.745	1015.745	94.43777	45.63923	94.79108	95.11496	39.33438	10.62972	50.0359	35.7524	14.2835	32.20994	10
1683.165	1683.75	1015.75	88.2416	39.42385	88.39999	88.48639	48.04958	5.32064	46.62978	30.4889	16.14087	33.23563	10
1683.17	1683.755	1015.755	91.30553	42.78665	91.4074	92.23692	44.85504	7.061424	48.08353	19.29617	28.78736	32.7318	10
1683.175	1683.76	1015.76	89.7437	39.60784	89.91739	89.00548	46.50455	6.227408	47.26805	28.07397	19.19407	33.25464	10
1683.18	1683.765	1015.765	87.02919	44.20713	87.53142	88.09105	45.34274	6.261477	48.39579	30.26572	18.13007	32.71703	10
1683.185	1683.77	1015.77	79.6175	81.54046	80.64256	83.21223	39.07491	6.624667	54.30043	21.39441	32.90602	31.06439	10
1683.19	1683.775	1015.775	48.75	75.15	48.26	43.8	80.7612	0	19.2388	4.424399	14.8144	34.98697	5
1683.195	1683.78	1015.78	49.56	57.17	47.61	44.83	95.68216	0	4.31784	4.31784	0	37.6695	5
1683.2	1683.785	1015.785	58.88	104.64	56.86	55.3	76.16252	0	23.83748	20.7307	3.10678	35.19991	5
1683.205	1683.79	1015.79	67.98	133.23	68.92	65.98	37.93174	5.967363	56.1009	33.69353	22.40736	30.45072	5
1683.21	1683.795	1015.795	73.39	128.39	73.76	79.29	38.54332	6.125147	55.33153	30.29556	25.03597	29.29666	5
1683.215	1683.8	1015.8	73.6	125.07	74.02	75.94	38.76606	6.05147	55.18247	23.5279	31.65457	30.05278	5
1683.22	1683.805	1015.805	71.29	83.58	70.84	68.71	57.67434	1.229483	41.09618	17.46611	23.63007	33.33497	5
1683.225	1683.81	1015.81	102.6017	64.54188	102.289	99.62383	32.41055	14.57136	53.01809	31.08821	21.92987	32.11453	5
1683.23	1683.815	1015.815	97.01907	38.47258	96.67677	95.39687	44.0849	8.204282	47.71082	21.28798	26.42284	33.18692	5
1683.235	1683.82	1015.82	92.57375	35.29375	91.88356	90.50318	51.64004	3.684603	44.67536	13.39157	31.28378	34.28286	5
1683.24	1683.825	1015.825	94.46737	57.75851	92.67435	87.73981	53.00842	0.769876	46.2217	26.51665	19.70506	35.16419	5
1683.245	1683.83	1015.83	92.07536	45.05671	90.82733	87.8761	54.05919	1.678622	44.26219	28.61747	15.64472	34.90715	5
1683.25	1683.835	1015.835	88.16296	34.11758	87.68664	86.21437	54.32512	2.547104	43.12777	18.05041	25.07736	34.56583	5
1683.255	1683.84	1015.84	85.08473	28.7024	84.65696	83.94399	58.09133	1.158903	40.74976	11.96198	28.78778	35.03356	5
1683.26	1683.845	1015.845	83.40518	49.40264	81.91404	79.93055	62.86811	0	37.13189	12.67304	24.45885	34.36283	5
1683.265	1683.85	1015.85	88.13735	181.8657	84.80401	78.89364	40.73551	2.72345	56.54104	25.04936	31.49168	31.71694	5
1683.27	1683.855	1015.855	71.33	298.68	72.24	70.07	0	17.99124	82.00876	82.00876	0	-9999	6
1683.275	1683.86	1015.86	70	141.11	71.84	78.12	27.19138	8.494499	64.31412	31.52452	32.7896	28.86164	6
1683.28	1683.865	1015.865	70.25	113.29	71.63	68.94	37.25882	5.936954	56.80423	35.13675	21.66747	30.96939	6
1683.285	1683.87	1015.87	73.06	93	73.06	69.28	50.2788	2.985512	46.73569	15.31444	31.42125	32.56919	6
1683.29	1683.875	1015.875	75.4	90.12	74.94	71.91	52.38796	2.469994	45.14205	17.13992	28.00213	32.88046	6
1683.295	1683.88	1015.88	75.68	73.3	75.51	73.85	53.9533	1.97292	44.07378	25.93298	18.1408	33.20431	6
1683.3	1683.885	1015.885	76.2	69.27	76.35	77.24	51.97016	2.496108	45.53373	23.66297	21.87076	32.58419	6
1683.305	1683.89	1015.89	76.68	79.95	76.31	75.63	52.974	2.260583	44.76542	24.40449	20.36092	32.81277	6
1683.31	1683.896	1015.896	75.51	70.58	75.02	74.63	57.24794	1.116584	41.63548	15.87905	25.75643	33.50563	6
1683.315	1683.901	1015.901	75.7	92.6	75.21	74.37	51.7443	2.64448	45.61122	23.66766	21.94356	32.36273	6
1683.32	1683.906	1015.906	75.16	73.06	75.65	75.32	49.37478	3.136718	47.4885	22.47501	25.01349	32.37646	6
1683.325	1683.911	1015.911	74.69	61.62	74.67	73.22	56.52816	1.22872	42.24312	21.13032	21.1128	33.72958	6
1683.33	1683.916	1015.916	74.19	62.07	74.56	75.02	53.85676	1.871326	44.27191	29.2468	15.02511	32.9546	6
1683.335	1683.921	1015.921	72.37	76.61	72.43	73.79	54.41498	1.822358	43.76266	28.87805	14.88461	32.44467	6
1683.34	1683.926	1015.926	71.67	71.1	72.18	75.2	52.9049	2.044711	45.05039	25.61226	19.43812	32.02769	6
1683.345	1683.931	1015.931	70.31	73.04	71.6	73.45	47.64162	3.090449	49.26793	32.15232	17.11561	31.57897	6
1683.35	1683.936	1015.936	67.83	72.4	67.8	68.02	60.3081	0.470798	39.2211	17.58929	21.63181	33.36563	6
1683.355	1683.941	1015.941	66.56	52.67	66.14	66.53	69.27366	0	30.72634	7.093776	23.63256	33.31529	6
1683.36	1683.946	1015.946	67.56	62.54	67.61	68.74	62.32262	0	37.67738	23.40719	14.27019	33.58337	6
1683.365	1683.951	1015.951	66.81	57.22	67.08	68	62.59506	0	37.40494	13.93244	23.4725	33.46967	6
1683.37	1683.956	1015.956	66.62	63.87	67.06	64.86	59.84306	0.294179	39.86276	17.71103	22.15174	33.86945	6
1683.375	1683.961	1015.961	65.89	53.17	66.39	65.55	62.63906	0	37.36094	14.25187	23.10907	33.63342	6
1683.38	1683.966	1015.966	64.04	50.97	64.08	65.15	68.43846	0	31.56154	21.3664	10.19514	32.96218	6
1683.385	1683.971	1015.971	63.65	39.16	64.29	66.09	67.00528	0	32.99472	14.3379	18.65682	32.54749	6
1683.39	1683.976	1015.976	61.38	51.01	61.94	65.05	66.84598	0	33.15402	5.639288	27.51473	32.27919	6
1683.395	1683.981	1015.981	58.66	51.74	59.72	60.02	65.29672	0	34.70328	24.67569	10.02759	32.43216	6
1683.4	1683.986	1015.986	56.37	59.62	57.53	56.85	64.72156	0	35.27844	19.16577	16.11267	32.51638	6
1683.405	1683.991	1015.991	55.69	79.12	57.04	59.56	59.15566	0.353947	40.49039	28.03002	12.46037	31.8331	6
1683.41	1683.996	1015.996	57.22	62.17	58.59	60.61	61.69496	0	38.30504	17.66392	20.64112	32.13557	6
1683.415	1684.001	1016.001	57.29	100.69	57.2	60.2	63.62372	0.864193	35.51209	21.58108	13.931	31.98695	6
1683.42	1684.006	1016.006	57.71	100.8	58.58	63.32	55.7707	1.720414	42.50889	25.07906	17.42983	30.50137	6

1683.425	1684.011	1016.011	59.64	92.2	60.69	63.79	54.6813	1.606376	43.71232	16.90622	26.8061	31.01996	6
1683.43	1684.016	1016.016	59.93	96.17	61.47	66.49	49.65626	2.40405	47.93969	20.27174	27.66795	30.06073	6
1683.435	1684.021	1016.021	58.77	77.93	59.89	62.73	58.39254	0.563219	41.04424	11.9532	29.09104	31.88376	6
1683.44	1684.026	1016.026	58.51	76.68	58.45	61.38	68.07924	0	31.92076	15.73088	16.18988	32.76391	6
1683.445	1684.031	1016.031	58.98	95.26	57.69	56.49	72.68298	0	27.31702	15.97233	11.34469	34.46093	6
1683.45	1684.036	1016.036	60.4	92.44	61.35	58.89	54.69902	1.654722	43.64626	12.92285	30.72341	32.08819	6
1683.455	1684.041	1016.041	60.76	90.25	60.55	64.73	63.8878	0.437168	35.67503	9.867965	25.80707	32.33686	6
1683.46	1684.046	1016.046	61.45	77.95	61.86	66.38	61.4246	0.306922	38.26848	25.31374	12.95474	32.21225	6
1683.465	1684.051	1016.051	60.26	76.59	60.67	63.84	62.84852	0.039212	37.11227	10.92158	26.19068	32.66489	6
1683.47	1684.057	1016.057	60.15	74.15	59.65	60.08	70.5927	0	29.4073	11.82824	17.57906	33.4249	6
1683.475	1684.062	1016.062	60.5	80.69	59.92	59.85	69.30802	0	30.69198	4.890658	25.80132	33.64009	6
1683.48	1684.067	1016.067	62.33	58.39	62.74	63.11	65.34852	0	34.65148	25.12992	9.521564	33.03829	6
1683.485	1684.072	1016.072	61.31	63.33	61.79	63.73	64.54894	0	35.45106	8.635656	26.8154	32.74259	6
1683.49	1684.077	1016.077	59.65	73.67	60.2	61.61	63.03136	0	36.96864	11.01768	25.95096	32.90152	6
1683.495	1684.082	1016.082	59.63	71.84	60.17	62.95	63.57012	0	36.42988	15.21157	21.21831	32.60365	6
1683.5	1684.087	1016.087	59.98	67.33	61.47	64.79	56.97704	0.41747	42.60549	12.67561	29.92988	31.9475	6
1683.505	1684.092	1016.092	61.21	68.62	61.74	63.73	62.97326	0	37.02674	24.71491	12.31183	32.84346	6
1683.51	1684.097	1016.097	60.64	55.59	61.14	62.67	66.88342	0	33.11658	10.86043	22.25615	32.59756	6
1683.515	1684.102	1016.102	59.76	55.43	59.92	61.55	70.36674	0	29.63326	24.32743	5.305834	32.64396	6
1683.52	1684.107	1016.107	58.62	58.62	58.69	59.61	71.34106	0	28.65894	8.236453	20.42249	32.82956	6
1683.525	1684.112	1016.112	57.89	57.83	58.13	58.56	70.88634	0	29.11366	19.75367	9.359986	32.79375	6
1683.53	1684.117	1016.117	56.41	50.36	57.18	59.2	69.94818	0	30.05182	23.65363	6.398195	32.03778	6
1683.535	1684.122	1016.122	57.66	51.75	58.43	59.49	68.4618	0	31.5382	9.339187	22.19901	32.30341	6
1683.54	1684.127	1016.127	56.68	47.94	57.67	58.56	68.58042	0	31.41958	22.20796	9.211618	32.10558	6
1683.545	1684.132	1016.132	55.68	46.68	55.83	55.14	76.31534	0	23.68466	9.731755	13.95291	33.00302	6
1683.55	1684.137	1016.137	55.67	49.7	55.8	55.45	75.7487	0	24.2513	6.475432	17.77587	32.96869	6
1683.555	1684.142	1016.142	56.49	52.87	56.26	55.96	77.01716	0	22.98284	8.406962	14.57588	33.29647	6
1683.56	1684.147	1016.147	56.98	64.51	56.9	55.94	72.58698	0	27.41302	23.3995	4.013524	33.32748	6
1683.565	1684.152	1016.152	57.85	86.79	58.63	58.19	59.72982	0.717571	39.55261	15.96807	23.58454	32.39198	6
1683.57	1684.157	1016.157	57.92	79.48	57.84	61.39	68.09944	0	31.90056	6.023921	25.87664	32.68568	6
1683.575	1684.162	1016.162	60.46	61.54	60.26	60.9	71.03412	0	28.96588	4.706469	24.25941	33.09247	6
1683.58	1684.167	1016.167	58.57	49.78	58.43	58.08	75.15384	0	24.84616	12.86229	11.98387	33.14694	6
1683.585	1684.172	1016.172	59.93	68.26	60.08	60.84	67.18298	0	32.81702	8.84478	23.97224	33.00612	6
1683.59	1684.177	1016.177	60.83	72.64	60.86	60.82	66.22502	0	33.77498	25.03444	8.740538	33.31865	6
1683.595	1684.182	1016.182	60.71	66.61	61.72	64.35	60.19968	0.024735	39.77559	14.04171	25.73388	32.61104	6
1683.6	1684.187	1016.187	60.03	69.01	60.76	63.77	62.41448	0	37.58552	15.99043	21.59509	32.52409	6
1683.605	1684.192	1016.192	58.35	65.88	59.69	59.2	59.99004	0	40.00996	16.0428	23.96716	32.86549	6
1683.61	1684.197	1016.197	61.26	63.6	61.89	61.42	63.3671	0	36.6329	25.72629	10.90661	33.18269	6
1683.615	1684.202	1016.202	61.76	74.33	62.49	64.75	59.53544	0.441613	40.02295	12.9521	27.07085	32.4374	6
1683.62	1684.207	1016.207	62.49	92.4	62.82	67.96	57.5909	1.359749	41.04935	18.40386	22.6455	31.19423	6
1683.625	1684.212	1016.212	61.94	88.4	62.56	67.89	56.8174	1.306719	41.87588	14.36242	27.51346	31.12042	6
1683.63	1684.218	1016.218	61.55	117.25	61.22	67.16	57.557	2.236218	40.20678	20.13183	20.07496	30.33089	6
1683.635	1684.223	1016.223	59.57	62.35	59.76	60.02	68.6344	0	31.3656	5.972877	25.39272	32.96894	6
1683.64	1684.228	1016.228	59.67	62.29	60.26	60.83	65.45692	0	34.54308	8.902883	25.6402	32.79734	6
1683.645	1684.233	1016.233	58.74	66.47	58.9	57.14	68.63346	0	31.36654	7.607965	23.75857	33.38024	6
1683.65	1684.238	1016.238	60.54	79.82	60.33	58.65	66.61426	0	33.38574	15.77336	17.61238	33.79599	6
1683.655	1684.243	1016.243	60.64	86.96	60.13	60.91	67.11938	0	32.88062	8.301247	24.57937	33.5573	6
1683.66	1684.248	1016.248	59.3	57.47	59.47	58.79	70.21876	0	29.78124	23.98513	5.796114	33.0731	6
1683.665	1684.253	1016.253	58.44	58.66	58.33	59.55	72.89198	0	27.10802	10.34187	16.76615	32.88923	6
1683.67	1684.258	1016.258	58.43	40.81	58.22	59.33	77.99588	0	22.00412	9.09996	12.90416	32.9267	6
1683.675	1684.263	1016.263	57.54	42.32	57.81	57.28	74.72926	0	25.27074	11.17456	14.09618	32.8181	6
1683.68	1684.268	1016.268	57.44	37.47	57.71	60.08	75.99496	0	24.00504	10.16062	13.84442	32.26431	6
1683.685	1684.273	1016.273	56	29.63	56.22	56.15	79.60454	0	20.39546	10.65814	9.737319	32.80687	6
1683.69	1684.278	1016.278	54.88	24.22	55.45	56.14	79.23166	0	20.76834	6.720003	14.04834	32.3161	6
1683.695	1684.283	1016.283	54.7	26.77	55.31	55.55	78.47016	0	21.52984	21.52984	0	32.35345	6
1683.7	1684.288	1016.288	53.34	27.64	53.3	53.56	84.54832	0	15.45168	15.45168	0	33.30945	6
1683.705	1684.293	1016.293	51.93	34.7	51.82	52.71	84.6795	0	15.3205	5.073015	10.24748	33.37408	6
1683.71	1684.298	1016.298	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1684.015	1684.605	1016.605	76.73	58.6	74.73	73.33	70.7272	0	29.2728	10.77694	18.49586	33.41296	6
1684.02	1684.61	1016.61	71.87	29.66	71.75	71.14	67.63188	0	32.36812	21.64973	10.71839	33.75736	6
1684.025	1684.615	1016.615	71.54	51.54	70.05	69.14	73.25802	0	26.74198	12.60028	14.1417	33.60087	6
1684.03	1684.62	1016.62	68.21	32.54	68.22	68.73	69.29462	0	30.70538	5.041873	25.66351	33.1707	6
1684.035	1684.625	1016.625	67.24	24.44	66.99	65.47	74.16222	0	25.83778	8.732219	17.10556	33.39786	6
1684.04	1684.63	1016.63	67.98	31.9	67.88	68.08	70.5136	0	29.4864	4.854927	24.63147	33.18547	6
1684.045	1684.635	1016.635	67.17	17.75	67.1	67.06	74.4506	0	25.5494	5.592885	19.95652	33.04471	6
1684.05	1684.64	1016.64	66.64	21.37	66.41	65.38	75.30216	0	24.69784	10.55296	14.14488	33.26207	6
1684.055	1684.645	1016.645	69.2	25.71	68.88	68.71	72.59418	0	27.40582	18.53896	8.866863	33.27772	6
1684.06	1684.65	1016.65	70.25	29.06	69.62	68.91	73.21998	0	26.78002	18.07801	8.702007	33.45098	6
1684.065	1684.655	1016.655	69.6	37.63	68.81	67.79	72.98404	0	27.01596	4.745122	22.27084	33.54325	6
1684.07	1684.66	1016.66	70.87	24.7	70.61	70.38	70.8372	0	29.1628	9.477756	19.68504	33.43185	6
1684.075	1684.665	1016.665	66.45	18.12	66.4	66.56	74.86846	0	25.13154	4.280529	20.85101	32.96492	6
1684.08	1684.67	1016.67	66.62	30.43	66.75	66.67	70.33804	0	29.66196	21.90488	7.757079	33.09714	6
1684.085	1684.675	1016.675	63.43	48.27	64.35	66.73	62.83306	0	37.16694	14.73243	22.43451	32.61915	6

1684.09	1684.68	1016.68	61.83	32.57	62.6	63.34	69.26696	0	30.73304	17.49939	13.23365	32.41262	6
1684.095	1684.685	1016.685	58.26	59.08	59.02	60.38	66.21344	0	33.78656	20.61068	13.17588	32.41767	4
1684.1	1684.69	1016.69	58.47	72.89	59.33	59.67	61.90322	0	38.09678	17.27154	20.82524	32.92126	4
1684.105	1684.695	1016.695	58.62	74.12	58.35	56.11	70.22506	0	29.77494	20.30458	9.470357	33.78322	4
1684.11	1684.7	1016.7	57.32	78.09	57.04	54.88	70.53782	0	29.46218	21.67288	7.789304	33.82059	4
1684.115	1684.705	1016.705	56.64	84.11	56.25	56.08	70.55908	0	29.44092	11.76608	17.67484	33.60264	4
1684.12	1684.71	1016.71	58.55	76.71	57.88	56.5	72.76268	0	27.23732	5.881408	21.35591	33.90725	4
1684.125	1684.715	1016.715	56.74	51.38	57.86	58.77	66.68524	0	33.31476	16.47096	16.8438	32.10031	4
1684.13	1684.72	1016.72	58.32	83.41	58.68	60.38	63.37038	0.191098	36.43852	24.59443	11.84409	32.71367	4
1684.135	1684.725	1016.725	61.93	63.4	62.1	63.17	66.3641	0	33.6359	12.03467	21.60123	32.98762	4
1684.14	1684.73	1016.73	59.14	81.21	59.54	60.91	62.83838	0.185781	36.97584	9.275647	27.70019	32.7939	4
1684.145	1684.735	1016.735	58.26	83.74	58.69	58.14	62.80322	0.266039	36.93074	19.02963	17.90111	33.01662	4
1684.15	1684.74	1016.74	57.21	70.16	57.73	61	66.35808	0	33.64192	14.99031	18.65161	32.28209	4
1684.155	1684.745	1016.745	55.18	56.58	54.93	58.08	77.47954	0	22.52046	22.49189	0.028568	32.74612	4
1684.16	1684.75	1016.75	53.17	51.73	52.15	49.49	86.46994	0	13.53006	8.824367	4.705693	35.14665	4
1684.165	1684.755	1016.755	53.27	52.83	51.78	49.56	89.75424	0	10.24576	10.24576	0	35.87165	4
1684.17	1684.76	1016.76	50.98	43.21	50.6	50.81	85.58658	0	14.41342	7.00198	7.41144	33.95529	4
1684.175	1684.765	1016.765	50.65	47.47	49.85	47.79	88.11426	0	11.88574	11.88574	0	35.10932	4
1684.18	1684.77	1016.77	48.33	67.35	45.61	42.05	100	0	0	0	0	39.59957	4
1684.185	1684.775	1016.775	46.64	62.93	44.98	42.04	94.72714	0	5.27286	5.27286	0	37.55413	4
1684.19	1684.78	1016.78	48.04	73.11	45.8	43.33	95.47058	0	4.52942	4.52942	0	38.20241	4
1684.195	1684.785	1016.785	50.15	71.4	48.46	46.17	89.6807	0	10.3193	3.543541	6.775759	36.51876	4
1684.2	1684.79	1016.79	48.87	70.06	47.76	46.55	86.68758	0	13.31242	13.31242	0	35.46239	4
1684.205	1684.795	1016.795	43.27	49.84	41.8	40.88	99.52282	0	0.47718	0.47718	0	37.97869	4
1684.21	1684.8	1016.8	44.38	59.5	42.81	42.79	96.9389	0	3.0611	3.0611	0	37.45467	4
1684.215	1684.805	1016.805	46.42	94.06	44.25	42.61	91.34858	0	8.65142	8.65142	0	37.73881	4
1684.22	1684.81	1016.81	47.59	73.93	45.84	43.69	91.88864	0	8.11136	8.11136	0	37.10875	6
1684.225	1684.815	1016.815	49.25	113.26	48.52	47.91	72.93858	0.690526	26.37089	26.37089	0	33.63394	6
1684.23	1684.82	1016.82	53.1	73.15	51.48	49.94	86.0007	0	13.9993	13.9993	0	35.66635	6
1684.235	1684.825	1016.825	56.4	77.28	55.5	52.94	76.38524	0	23.61476	16.0127	7.602063	34.43962	6
1684.24	1684.83	1016.83	51.77	116.17	49.85	48.23	79.13846	0.346847	20.51469	9.617284	10.89741	35.52537	6
1684.245	1684.835	1016.835	51.41	116.21	50.51	48.3	71.55498	0.910954	27.53407	9.383567	18.1505	33.68674	6
1684.25	1684.84	1016.84	53.51	115.86	52.61	54	69.70768	1.005433	29.28689	7.622156	21.66473	32.7803	6
1684.255	1684.845	1016.845	55.22	91.84	55.74	57.5	62.94232	0.511147	36.54653	24.971	11.57553	32.19068	6
1684.26	1684.85	1016.85	56.54	129.56	57.32	62.37	50.58468	3.423267	45.99205	23.5795	22.41256	29.02951	6
1684.265	1684.855	1016.855	61.11	126.72	61.89	63.2	47.06756	3.919038	49.0134	34.08164	14.93176	29.80799	6
1684.27	1684.86	1016.86	54.63	133.19	54.59	55.83	57.81842	2.83558	39.346	28.13377	11.21223	30.31459	6
1684.275	1684.865	1016.865	64.78	88.49	63.47	59.73	69.14032	0	30.85968	7.000935	23.85875	34.63702	6
1684.28	1684.87	1016.87	55.88	99.15	56.23	55.14	61.8836	0.951785	37.16462	15.00762	22.15699	32.38183	6
1684.285	1684.875	1016.875	55.27	156.3	56.96	62.98	38.2295	5.767955	56.00255	21.2329	34.76965	27.47549	6
1684.29	1684.88	1016.88	56.42	145.53	58.29	65.65	38.38284	5.383085	56.23408	30.57671	25.65737	27.58918	6
1684.295	1684.885	1016.885	62.17	71.24	62.32	65.35	64.40102	0	35.59898	15.22283	20.37615	32.80701	6
1684.3	1684.89	1016.89	50.1	151.26	49.21	48.55	64.20058	3.214568	32.58485	10.60107	21.98378	30.81874	6
1684.305	1684.895	1016.895	50.3	116.63	49.92	50.04	68.44454	1.167589	30.38787	27.08141	3.306456	32.48885	6
1684.31	1684.9	1016.9	51.63	116.59	52.69	58.27	56.07062	2.142696	41.78668	30.07067	11.71601	29.54648	6
1684.315	1684.905	1016.905	52.36	112.07	52.49	62.27	63.70036	1.319199	34.98044	11.74044	23.24	30.08088	6
1684.32	1684.91	1016.91	48.82	134.89	47.16	56.76	75.30722	1.666465	23.02631	23.02631	0	31.66772	6
1684.325	1684.915	1016.915	48.19	120.45	48.01	57.27	67.9113	1.396509	30.69219	18.65362	12.03857	30.42922	6
1684.33	1684.92	1016.92	48.82	96.53	49.37	52.78	67.46284	0.210836	32.32632	18.18448	14.14184	32.15152	6
1684.335	1684.925	1016.925	53.97	110.74	54.66	53.41	58.20102	1.766317	40.03266	24.05899	15.97368	31.40405	6
1684.34	1684.93	1016.93	46.69	92.27	46.53	51.33	75.95586	0	24.04414	12.26796	11.77618	32.97546	6
1684.345	1684.935	1016.935	46.34	108.88	46.4	46.65	70.55324	0.615095	28.83166	26.43566	2.396008	32.84562	6
1684.35	1684.94	1016.94	45.35	77.73	45.77	43.19	76.21234	0	23.78766	18.56777	5.219887	33.61985	6
1684.355	1684.945	1016.945	47.09	101.75	47.7	46	67.3262	0.452587	32.22121	12.43475	19.78646	32.7966	6
1684.36	1684.95	1016.95	43.74	96.27	44.8	44.72	68.24686	0.030179	31.72296	16.07985	15.64311	32.60476	6
1684.365	1684.955	1016.955	44.81	69.03	46.23	46.59	71.06454	0	28.93546	24.16897	4.76649	31.82346	6
1684.37	1684.96	1016.96	39.55	65.61	40.97	39.41	76.73138	0	23.26862	6.417911	16.85071	32.37884	6
1684.375	1684.965	1016.965	39.46	58.95	39.92	39.33	85.8659	0	14.1341	14.1341	0	33.93817	6
1684.38	1684.97	1016.97	39.21	46.73	40.37	40.35	83.62814	0	16.37186	16.37186	0	32.6456	6
1684.385	1684.975	1016.975	42.34	36.61	43.02	43.74	86.91758	0	13.08242	8.75151	4.33091	33.15539	6
1684.39	1684.98	1016.98	36.9	35.34	37.44	38.5	93.31472	0	6.68528	6.68528	0	34.37212	6
1684.395	1684.985	1016.985	34.69	29.71	35.1	34.27	97.71788	0	2.28212	2.28212	0	35.71246	6
1684.4	1684.99	1016.99	32.45	39.52	33.03	34.23	96.08716	0	3.91284	3.91284	0	35.09043	6
1684.405	1684.995	1016.995	36.67	27.53	36.7	37.94	99.36884	0	0.63116	0.63116	0	35.97107	6
1684.41	1685	1017	38.47	47.11	38.24	35.69	94.98948	0	5.01052	5.01052	0	36.30289	6
1684.415	1685.005	1017.005	38.99	56.53	38.49	34.71	94.32394	0	5.67606	5.67606	0	36.82653	6
1684.42	1685.01	1017.01	40.23	85.58	38.7	34.85	94.13554	0	5.86446	3.924332	1.940128	38.31348	6
1684.425	1685.015	1017.015	39.86	66.42	38.36	37.41	98.88016	0	1.11984	1.11984	0	38.39235	6
1684.43	1685.02	1017.02	40.22	49.82	40.03	39.22	92.41366	0	7.58634	7.58634	0	35.43845	6
1684.435	1685.025	1017.025	42.09	57.28	41.48	42.3	92.14294	0	7.85706	7.85706	0	35.55658	6
1684.44	1685.03	1017.03	43.72	83.3	42.93	45	85.7415	0	14.2585	14.2585	0	34.92043	6
1684.445	1685.035	1017.035	48.05	56.44	48.48	48.82	78.80302	0	21.19698	4.340087	16.85689	32.86438	6
1684.45	1685.04	1017.04	46.02	67.68	46.61	51.52	76.71054	0	23.28946	10.31909	12.97037	31.93867	6

1684.455	1685.045	1017.045	47.05	68.11	47.22	48.88	78.91388	0	21.08612	18.58982	2.496299	33.05345	6
1684.46	1685.05	1017.05	49.31	63.96	49.61	50.12	76.83148	0	23.16852	9.162285	14.00624	32.92192	6
1684.465	1685.055	1017.055	50.57	59.44	50.87	52.56	76.76612	0	23.23388	18.19095	5.042927	32.62537	6
1684.47	1685.06	1017.06	52.31	76.81	53.08	56.29	67.31928	0	32.68072	7.070992	25.60973	32.04901	6
1684.475	1685.065	1017.065	55.03	74.66	55.75	58.59	65.72468	0	34.27532	12.26843	22.00689	32.23039	6
1684.48	1685.07	1017.07	54.39	90.44	54.98	60.89	63.50222	0.372787	36.12499	10.5524	25.57259	31.50265	6
1684.485	1685.075	1017.075	53.05	104.81	53.71	56.53	60.71498	1.242817	38.0422	15.58721	22.45499	31.12349	6
1684.49	1685.08	1017.08	53.18	109.21	54.37	56.18	55.42308	1.917851	42.65907	18.92476	23.73431	30.47049	6
1684.495	1685.085	1017.085	52.51	73.6	52.29	51.78	75.5846	0	24.4154	13.38545	11.02995	33.57031	6
1684.5	1685.09	1017.09	53.5	102.01	54.02	56	62.06358	1.007105	36.92932	21.9587	14.97062	31.6024	6
1684.505	1685.095	1017.095	51.5	93.76	51.76	53.54	67.91508	0.088553	31.99637	23.30842	8.68795	32.80789	6
1684.51	1685.1	1017.1	51.33	88.45	51.37	57.06	71.0615	0	28.9385	11.01922	17.91928	32.31766	6
1684.515	1685.105	1017.105	52.6	94.03	51.9	56.65	74.27774	0	25.72226	17.15943	8.562831	33.20928	6
1684.52	1685.11	1017.11	54.52	112.99	55.16	56.26	57.53802	1.945846	40.51613	29.86927	10.64686	30.85254	6
1684.525	1685.115	1017.115	54.37	83.69	54.73	55.67	66.93662	0	33.06338	19.41495	13.64843	32.9016	6
1684.53	1685.12	1017.12	56.28	63.77	56.23	54.18	73.17756	0	26.82244	13.47107	13.35137	33.49893	6
1684.535	1685.125	1017.125	50.93	88.79	51.37	51.12	68.24722	0	31.75278	15.79967	15.95311	33.08874	6
1684.54	1685.13	1017.13	49.32	51.86	49.15	48.06	83.39298	0	16.60702	12.32307	4.283952	33.94946	6
1684.545	1685.135	1017.135	52.16	49.84	51.77	50.06	82.97402	0	17.02598	17.02598	0	34.10724	6
1684.55	1685.14	1017.14	53.54	49.15	52.48	51.17	87.0639	0	12.9361	3.909096	9.027004	34.94377	6
1684.555	1685.145	1017.145	56.24	43.06	55.79	53.28	81.32618	0	18.67382	14.88752	3.786295	33.9887	6
1684.56	1685.15	1017.15	57.75	44.22	57.15	55.55	80.81876	0	19.18124	10.20711	8.974127	33.87283	6
1684.565	1685.155	1017.155	57.7	69.78	56.96	53.45	75.76424	0	24.23576	21.97949	2.256271	34.35143	6
1684.57	1685.16	1017.16	57.06	75.87	55.59	53.24	80.53676	0	19.46324	5.753439	13.7098	34.98029	6
1684.575	1685.165	1017.165	57.42	96.46	55.57	54.77	78.16778	0	21.83222	8.601242	13.23098	35.04092	6
1684.58	1685.17	1017.17	59.06	99.22	57.32	54.41	75.13856	0	24.86144	13.00326	11.85818	35.1445	6
1684.585	1685.175	1017.175	55.52	65.07	54.71	52.2	79.45216	0	20.54784	16.73996	3.807876	34.40342	6
1684.59	1685.18	1017.18	58.44	83.32	56.99	58.9	77.30926	0	22.69074	16.45602	6.234721	34.00364	6
1684.595	1685.185	1017.185	59.97	107.66	59.29	60.11	64.04388	1.098364	34.85776	10.47489	24.38287	32.4566	6
1684.6	1685.19	1017.19	63.75	112.16	63.89	68.2	53.12228	2.682823	44.1949	19.90101	24.29389	30.34263	6
1684.605	1685.195	1017.195	62.17	133.79	59.74	58.43	69.25892	1.410798	29.33028	24.40532	4.924957	33.36999	6
1684.61	1685.2	1017.2	64.17	106.27	63.89	65.15	57.41626	1.875974	40.70777	17.59888	23.10889	31.63102	6
1684.615	1685.205	1017.205	60.24	120.68	57.57	62.71	76.06714	0.293791	23.63907	22.12805	1.511021	34.01011	6
1684.62	1685.21	1017.21	59.58	114.29	57.39	58.73	74.50072	0.241426	25.25785	8.326585	16.93127	34.42612	6
1684.625	1685.215	1017.215	60.63	115.72	57.63	52.34	79.46616	0	20.53384	15.23433	5.299507	36.60835	6
1684.63	1685.22	1017.22	60.63	98.04	58.96	50.91	73.43722	0	26.56278	5.352485	21.2103	35.89376	6
1684.635	1685.225	1017.225	60.03	94.42	59	50.26	69.90526	0	30.09474	14.35739	15.73735	35.62979	6
1684.64	1685.23	1017.23	60.27	82.13	59.52	51.45	70.48864	0	29.51136	14.74704	14.76432	35.20591	6
1684.645	1685.235	1017.235	59.62	80.03	59.39	51.85	67.56484	0	32.43516	20.00639	12.42877	34.84417	6
1684.65	1685.24	1017.24	59.54	69.45	58.92	51.85	73.2213	0	26.7787	12.87292	13.90578	34.83357	6
1684.655	1685.245	1017.245	57.93	69.23	56.52	52.34	80.87824	0	19.12176	17.50976	1.611996	35.1711	6
1684.66	1685.25	1017.25	57.79	52.08	56.94	57.9	80.81734	0	19.18266	11.98717	7.195491	33.65209	6
1684.665	1685.255	1017.255	60.63	66.1	60.15	57.96	71.9442	0	28.0558	9.853604	18.2022	33.80093	6
1684.67	1685.26	1017.26	55.07	63.62	54.13	50.73	81.22456	0	18.77544	10.03137	8.744074	34.7855	6
1684.675	1685.265	1017.265	56.37	53.39	55.96	55.02	78.39672	0	21.60328	4.689821	16.91346	33.60349	6
1684.68	1685.27	1017.27	50.62	41.03	50.64	53.25	83.34534	0	16.65466	16.65466	0	32.91581	6
1684.685	1685.275	1017.275	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1685.01	1685.6	1017.6	66.9	42.86	66.85	66.94	68.46738	0	31.53262	8.703657	22.82896	33.25067	6
1685.015	1685.605	1017.605	60.29	33.2	60.32	59.61	76.2663	0	23.7337	16.30461	7.429086	32.99111	6
1685.02	1685.61	1017.61	59.33	29.84	59.16	58.38	79.51262	0	20.48738	17.38225	3.105135	33.20593	6
1685.025	1685.615	1017.615	60.29	34.56	59.89	60.2	79.26968	0	20.73032	8.583258	12.14706	33.1746	6
1685.03	1685.62	1017.62	61.41	58.59	60.37	59.45	77.38402	0	22.61598	17.082	5.533984	33.88552	6
1685.035	1685.625	1017.625	61.99	32.91	62.14	62.79	73.84248	0	26.15752	4.779094	21.37843	32.68259	6
1685.04	1685.63	1017.63	63.03	53.16	63.45	64.14	65.89268	0	34.10732	7.725156	26.38216	32.93481	6
1685.045	1685.635	1017.635	62.65	41.3	62.5	62.45	73.5299	0	26.4701	5.950926	20.51917	33.03943	6
1685.05	1685.64	1017.64	63.19	32.45	63.2	62.61	73.9348	0	26.0652	11.66773	14.39747	33.01701	6
1685.055	1685.645	1017.645	64.07	25.89	64.02	64.26	75.17772	0	24.82228	18.81078	6.011497	32.88407	6
1685.06	1685.65	1017.65	64.55	22.07	64.67	64.84	74.34306	0	25.65694	4.020051	21.63689	32.82186	6
1685.065	1685.655	1017.655	64.1	30.69	64.02	63.91	74.22102	0	25.77898	13.88325	11.89573	32.98719	6
1685.07	1685.66	1017.66	63.55	35.96	63.34	63.14	74.45918	0	25.54082	14.47732	11.0635	33.08004	6
1685.075	1685.665	1017.665	65.89	27.23	65.84	64.73	73.17904	0	26.82096	23.86096	2.959997	33.21659	6
1685.08	1685.67	1017.67	64.41	33.45	65.1	65.55	67.3004	0	32.6996	10.1329	22.5667	32.7784	6
1685.085	1685.675	1017.675	64.37	38.87	64.81	65.96	67.96306	0	32.03694	20.15717	11.87977	32.73907	6
1685.09	1685.68	1017.68	63.55	54.28	63.17	60.78	71.34324	0	28.65676	20.32128	8.335483	33.70074	6
1685.095	1685.685	1017.685	61.59	30	61.26	59.79	78.6347	0	21.3653	12.43818	8.92712	33.39771	6
1685.1	1685.69	1017.69	59.71	27.84	59.41	60.49	80.65452	0	19.34548	19.34548	0	32.98574	6
1685.105	1685.695	1017.695	60.59	37.77	59.95	59.17	80.07686	0	19.92314	10.41259	9.51055	33.58237	6
1685.11	1685.7	1017.7	60.41	66.58	59.2	57.63	77.68794	0	22.31206	15.35089	6.961173	34.22882	6
1685.115	1685.705	1017.705	59.5	53.8	59.98	62.73	68.5204	0	31.4796	22.98863	8.490967	32.24989	6
1685.12	1685.71	1017.71	59.26	42.85	58.85	59.56	78.2886	0	21.7114	16.03519	5.676212	33.14394	6
1685.125	1685.715	1017.715	59.66	26.81	59.41	58.61	80.56228	0	19.43772	19.43772	0	33.28749	6
1685.13	1685.72	1017.72	60.12	42.87	59.96	60.32	75.55506	0	24.44494	14.21226	10.23268	32.96801	6
1685.135	1685.725	1017.725	61.42	62.93	61.95	64.23	64.15704	0	35.84296	8.171421	27.67154	32.66613	6

1685.14	1685.73	1017.73	61.43	86.07	60.95	59.91	66.37546	0	33.62454	11.83347	21.79107	33.88085	6
1685.145	1685.735	1017.735	61.02	42.38	61.17	61.79	72.44314	0	27.55686	13.20032	14.35654	32.72807	6
1685.15	1685.74	1017.74	62.13	61.93	62.7	60.67	63.43584	0	36.56416	18.32789	18.23627	33.52284	6
1685.155	1685.745	1017.745	61.47	36.27	61.65	61.43	73.27526	0	26.72474	15.97404	10.7507	32.83264	6
1685.16	1685.75	1017.75	62.22	31.51	62.47	61.67	73.19468	0	26.80532	4.109835	22.69548	32.89731	6
1685.165	1685.755	1017.755	60.13	39.57	59.73	58.06	78.20446	0	21.79554	21.79554	0	33.53753	6
1685.17	1685.76	1017.76	56.65	49.37	56.17	52.43	79.65446	0	20.34554	20.34554	0	34.1854	6
1685.175	1685.765	1017.765	54.16	28.11	53.17	52.49	91.04268	0	8.95732	6.341877	2.615443	34.98796	6
1685.18	1685.77	1017.77	54.44	34.93	53.42	50.61	89.36714	0	10.63286	7.51596	3.1169	35.24694	6
1685.185	1685.775	1017.775	55.84	30.89	55.77	54.73	81.69432	0	18.30568	18.30568	0	33.3323	6
1685.19	1685.78	1017.78	58.33	72.69	58.65	57.02	66.26542	0	33.73458	23.46014	10.27444	33.36595	6
1685.195	1685.785	1017.785	54.21	42.41	54.45	51	78.00358	0	21.99642	14.75457	7.241853	33.45116	6
1685.2	1685.79	1017.79	54.32	31.91	54.53	56.18	80.67588	0	19.32412	4.332812	14.99131	32.56887	6
1685.205	1685.795	1017.795	55.12	43.82	55.95	55.91	72.25266	0	27.74734	7.349797	20.39754	32.24558	6
1685.21	1685.8	1017.8	52.8	28.28	52.12	52.39	89.85024	0	10.14976	10.14976	0	34.45387	6
1685.215	1685.805	1017.805	55.11	18.54	54.93	54.08	86.20712	0	13.79288	7.854314	5.938566	33.64884	6
1685.22	1685.81	1017.81	60.19	26.53	59.67	59.18	82.23494	0	17.76506	17.31996	0.445101	33.49233	6
1685.225	1685.815	1017.815	61.99	36.23	62.17	63.21	72.80654	0	27.19346	12.98316	14.2103	32.61788	6
1685.23	1685.82	1017.82	63.61	18.85	63.7	64.18	76.2196	0	23.7804	21.61735	2.163053	32.72936	6
1685.235	1685.825	1017.825	62.52	19.87	62.47	62.68	78.06056	0	21.93944	21.93944	0	32.85897	6
1685.24	1685.83	1017.83	59.13	35.23	59.27	59.46	75.98974	0	24.01026	21.99594	2.014324	32.74608	6
1685.245	1685.835	1017.835	56.76	46.49	55.32	53.2	87.69022	0	12.30978	12.30978	0	35.24502	6
1685.25	1685.84	1017.84	61.54	31.53	61.66	60.92	74.82294	0	25.17706	12.02347	13.15359	32.93547	6
1685.255	1685.845	1017.845	65.49	33.42	65.76	66.81	69.56906	0	30.43094	18.17716	12.25378	32.80117	6
1685.26	1685.85	1017.85	65.38	20.63	65.18	64.73	76.40794	0	23.59206	13.15638	10.43568	33.09538	6
1685.265	1685.855	1017.855	67.22	21.5	67.18	68.02	73.2646	0	26.7354	21.23981	5.495594	32.89341	6
1685.27	1685.86	1017.86	68.4	30.21	68.89	70.45	65.96368	0	34.03632	12.90248	21.13384	33.08214	6
1685.275	1685.865	1017.865	68.88	29.38	68.88	69.96	69.52044	0	30.47956	20.71151	9.768052	33.08381	6
1685.28	1685.87	1017.87	67.7	40.18	67.89	68.38	66.51994	0	33.48006	14.55324	18.92682	33.26341	6
1685.285	1685.875	1017.875	70.55	30.56	70.26	70.78	69.94598	0	30.05402	12.12882	17.9252	33.31241	6
1685.29	1685.88	1017.88	71.16	49.23	71.11	70.55	63.00664	0	36.99336	14.81075	22.18261	34.07015	6
1685.295	1685.885	1017.885	70.08	45.56	70.45	71.43	61.63338	0	38.36662	10.25206	28.11456	33.79819	6
1685.3	1685.89	1017.89	70.48	35.11	70.31	70.06	67.97928	0	32.02072	22.99559	9.025132	33.55473	6
1685.305	1685.895	1017.895	70.89	62.86	70.49	68.91	62.66908	0	37.33092	15.93807	21.39285	34.29763	6
1685.31	1685.9	1017.9	71.05	57.36	71.87	72.45	54.39788	1.47054	44.13158	25.10603	19.02555	32.93123	6
1685.315	1685.905	1017.905	71.04	38.41	70.61	68.95	68.68048	0	31.31952	18.89855	12.42097	33.82567	6
1685.32	1685.91	1017.91	70.55	48.28	70.41	68.49	64.49524	0	35.50476	16.09188	19.41288	34.13847	6
1685.325	1685.915	1017.915	69.84	46.3	70.08	68.55	62.6826	0	37.3174	16.59636	20.72104	34.13979	6
1685.33	1685.92	1017.92	69.77	55.38	70.11	70.67	59.77464	0.247298	39.97806	14.54456	25.4335	33.71953	6
1685.335	1685.925	1017.925	72.5	167.94	71.89	72.67	37.38602	6.879172	55.73481	31.5955	24.13931	29.19737	6
1685.34	1685.93	1017.93	73.52	210.05	71.83	73.14	34.627	8.058641	57.31436	26.29023	31.02412	28.20041	6
1685.345	1685.935	1017.935	67.86	48.33	68.85	69.67	58.20044	0.27852	41.52104	17.68367	23.83737	33.47995	6
1685.35	1685.94	1017.94	67.21	74.02	67.77	69.08	55.91396	1.261218	42.82482	22.41328	20.41154	32.40159	6
1685.355	1685.945	1017.945	63.63	69.84	63.96	66.38	62.00162	0.020117	37.97826	25.71242	12.26584	33.02974	6
1685.36	1685.95	1017.95	60.5	39.34	60.71	61.89	73.19222	0	26.80778	8.945012	17.86277	32.54946	6
1685.365	1685.955	1017.955	58.22	68.08	56.58	53.49	82.67224	0	17.32776	17.32776	0	35.22387	6
1685.37	1685.96	1017.96	58.26	56.23	57.74	57.55	76.82314	0	23.17686	21.37775	1.799108	33.46486	6
1685.375	1685.965	1017.965	58.7	80.98	58.21	56.28	70.19634	0	29.80366	22.66706	7.1366	33.92408	6
1685.38	1685.97	1017.97	62.78	67.19	63.51	63.55	60.32492	0.138834	39.53625	16.97978	22.55646	33.20329	6
1685.385	1685.975	1017.975	61.93	83.21	63.34	62.14	51.96008	1.798644	46.24128	16.98197	29.2593	31.86024	6
1685.39	1685.98	1017.98	64.55	31.58	64.54	65.06	73.04914	0	26.95086	21.92538	5.025484	32.86503	6
1685.395	1685.985	1017.985	63.71	40.77	62.96	62.34	77.33296	0	22.66704	10.74974	11.9173	33.48097	6
1685.4	1685.99	1017.99	63.5	32.41	63.14	63.47	76.52678	0	23.47322	20.70954	2.763676	33.04895	6
1685.405	1685.995	1017.995	63.46	21.47	63.2	62.69	78.43606	0	21.56394	19.89788	1.666059	33.13397	6
1685.41	1686	1018	59.63	38.27	60.16	60.84	71.77156	0	28.22844	11.67712	16.55132	32.41872	6
1685.415	1686.005	1018.005	58.42	31.66	59	60.08	74.09688	0	25.90312	7.706652	18.19647	32.21662	6
1685.42	1686.01	1018.01	59.47	62.96	59.44	59.65	70.28378	0	29.71622	24.08953	5.626687	33.06684	6
1685.425	1686.015	1018.015	60.45	87.87	59.33	58.61	71.80146	0	28.19854	8.984773	19.21377	34.10385	6
1685.43	1686.02	1018.02	60.59	23.74	60.53	59.43	78.97712	0	21.02288	12.29684	8.726041	33.12943	6
1685.435	1686.025	1018.025	60.67	80.64	61.09	59.61	61.41372	0.38175	38.20453	22.80874	15.39579	33.18055	6
1685.44	1686.03	1018.03	61.36	46.1	61.65	62.67	70.1451	0	29.8549	12.38649	17.46841	32.64434	6
1685.445	1686.035	1018.035	62.64	35.42	62.79	63.14	72.63706	0	27.36294	10.27575	17.08719	32.77767	6
1685.45	1686.04	1018.04	62.4	67.11	62.01	62.67	69.37388	0	30.62612	13.0147	17.61142	33.2631	6
1685.455	1686.045	1018.045	63.13	67.02	62.91	63.61	67.40656	0	32.59344	6.882213	25.71123	33.24744	6
1685.46	1686.05	1018.05	63.59	53.06	63.84	64.67	66.71918	0	33.28082	5.892427	27.38839	32.96723	6
1685.465	1686.055	1018.055	63.58	46.18	63.27	62.95	72.73334	0	27.26666	8.488584	18.77808	33.21386	6
1685.47	1686.06	1018.06	64.92	43.69	65.01	64.96	69.00312	0	30.99688	23.34854	7.648342	33.10718	6
1685.475	1686.065	1018.065	63.45	46.28	63.84	63.43	67.40374	0	32.59626	17.5725	15.02376	33.05338	6
1685.48	1686.07	1018.07	63.42	44.36	64.05	64.56	66.03598	0	33.96402	23.11468	10.84934	32.83571	6
1685.485	1686.075	1018.075	67.2	66.09	66.23	65.38	69.69972	0	30.30028	17.62552	12.67476	33.74686	6
1685.49	1686.08	1018.08	69.01	95.95	67.86	66.96	62.2034	0.704939	37.09166	13.62759	23.46407	33.39286	6
1685.495	1686.085	1018.085	65.21	45.77	65.46	65.67	66.99296	0	33.00704	21.48416	11.52288	33.11815	6
1685.5	1686.09	1018.09	64.6	52.6	64.83	66.2	66.0563	0	33.9437	9.797499	24.1462	32.96249	6

1685.505	1686.095	1018.095	64.07	73.28	63.84	65.73	65.10434	0	34.89566	11.17725	23.71841	33.21072	6
1685.51	1686.1	1018.1	64.92	94.26	64	64.26	64.59268	0.436255	34.97107	10.40431	24.56675	33.36446	6
1685.515	1686.105	1018.105	65.6	58.67	66.26	69.26	60.33486	0.020987	39.64415	7.448696	32.19546	33.03972	6
1685.52	1686.11	1018.11	64.38	74.16	65.77	67.67	52.05118	1.708143	46.24068	29.79339	16.44729	31.65878	6
1685.525	1686.115	1018.115	65.3	54.99	65.51	66.84	64.98892	0	35.01108	23.28529	11.72579	33.09652	6
1685.53	1686.12	1018.12	65.44	45.98	65.46	64.91	68.51304	0	31.48696	21.04433	10.44263	33.28118	6
1685.535	1686.125	1018.125	65.22	40.39	65.22	64.79	70.22322	0	29.77678	8.979742	20.79704	33.16575	6
1685.54	1686.13	1018.13	62.78	30.69	62.6	61.73	76.21042	0	23.78958	9.177885	14.61169	33.15492	6
1685.545	1686.135	1018.135	60.85	19.87	60.34	59.79	83.16196	0	16.83804	13.33002	3.508021	33.49549	6
1685.55	1686.14	1018.14	57.89	25.07	58.02	58	79.66676	0	20.33324	12.98038	7.352858	32.81974	6
1685.555	1686.145	1018.145	58.9	35.55	59.35	60.43	73.7214	0	26.2786	4.772498	21.5061	32.34442	6
1685.56	1686.15	1018.15	61.02	51.64	61.79	65.2	65.39722	0	34.60278	8.549502	26.05328	32.14948	6
1685.565	1686.155	1018.155	61.69	39.36	62.53	64.28	67.21008	0	32.78992	19.21203	13.57789	32.29054	6
1685.57	1686.16	1018.16	62.4	49.21	63.05	64.79	65.64568	0	34.35432	13.81208	20.54224	32.57846	6
1685.575	1686.165	1018.165	61.96	38.59	62.11	62.14	72.49552	0	27.50448	4.576366	22.92811	32.83412	6
1685.58	1686.17	1018.17	61.1	36.95	60.98	60.67	75.7761	0	24.2239	22.02877	2.195129	33.03067	6
1685.585	1686.175	1018.175	61.06	44.43	60.76	60.79	75.39774	0	24.60226	4.196991	20.40527	33.12146	6
1685.59	1686.18	1018.18	62.4	32.93	62.57	62.32	73.30544	0	26.69456	5.401878	21.29268	32.84845	6
1685.595	1686.185	1018.185	64.15	27.88	64.24	64.11	73.53754	0	26.46246	23.52039	2.942073	32.90126	6
1685.6	1686.19	1018.19	64.12	36.95	64.3	64.61	70.6727	0	29.3273	14.7965	14.5308	32.87527	6
1685.605	1686.195	1018.195	63.28	34.7	63.42	63.91	72.3	0	27.7	19.63618	8.063818	32.77886	6
1685.61	1686.2	1018.2	64.21	38.25	64.17	64.89	71.9803	0	28.0197	4.900795	23.11891	32.87678	6
1685.615	1686.205	1018.205	62.39	41.56	63.06	64.02	67.35118	0	32.64882	21.27778	11.37104	32.57686	6
1685.62	1686.21	1018.21	62.86	41.61	63.02	63.73	70.85918	0	29.14082	7.665929	21.47489	32.77846	6
1685.625	1686.215	1018.215	61.62	36.97	62	62.34	71.41786	0	28.58214	21.21526	7.366876	32.64306	6
1685.63	1686.22	1018.22	60.13	52.76	60.31	59.38	70.51748	0	29.48252	5.079598	24.40292	33.07062	6
1685.635	1686.225	1018.225	60.39	38.94	60.56	62.2	73.70022	0	26.29978	11.56897	14.73081	32.4809	6
1685.64	1686.23	1018.23	60.2	37.4	60.71	62.06	71.6127	0	28.3873	7.81969	20.56761	32.32311	6
1685.645	1686.235	1018.235	59.59	65.55	60.63	64.96	61.2541	0	38.7459	26.17271	12.57319	32.11832	6
1685.65	1686.24	1018.24	59.14	83.86	59.75	60.73	60.56958	0.554855	38.87557	23.06464	15.81092	32.40356	6
1685.655	1686.245	1018.245	60.46	32.98	60.6	61.17	75.31064	0	24.68936	8.442425	16.24693	32.6676	6
1685.66	1686.25	1018.25	60.63	28	60.78	61.61	76.2819	0	23.7181	4.208704	19.5094	32.59771	6
1685.665	1686.255	1018.255	58.64	35.38	58.64	58.32	77.48924	0	22.51076	17.48638	5.024385	32.96645	6
1685.67	1686.26	1018.26	56.76	35.27	56.45	56.39	81.64796	0	18.35204	16.49563	1.856414	33.35593	6
1685.675	1686.265	1018.265	54.92	44.34	55.39	56.85	75.10082	0	24.89918	20.32065	4.578527	32.2808	6
1685.68	1686.27	1018.27	55.84	65.41	55.55	57.26	75.04548	0	24.95452	20.68417	4.270345	33.02913	6
1685.685	1686.275	1018.275	54.63	34.33	54.43	53.11	82.98254	0	17.01746	17.01746	0	33.62929	6
1685.69	1686.28	1018.28	57.75	29.27	57.6	58.24	80.94916	0	19.05084	7.386982	11.66386	32.99967	6
1685.695	1686.285	1018.285	61.78	31.82	61.79	62.94	75.38446	0	24.61554	19.49282	5.122722	32.65676	6
1685.7	1686.29	1018.29	61.59	35.68	61.34	59.67	76.64014	0	23.35986	10.70308	12.65678	33.36695	6
1685.705	1686.295	1018.295	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1686.01	1686.6	1018.6	69.13	39.88	69	70.67	67.75694	0	32.24306	21.59237	10.65069	33.12319	6
1686.015	1686.605	1018.605	68.99	52.26	68.97	69.34	64.03728	0	35.96272	22.84558	13.11714	33.63108	6
1686.02	1686.61	1018.61	68.82	46.07	68.17	66.73	70.57416	0	29.42584	15.7898	13.63604	33.66152	6
1686.025	1686.615	1018.615	66.97	34.08	66.61	66.02	72.93024	0	27.06976	17.90906	9.1607	33.28449	6
1686.03	1686.62	1018.62	67.3	39.92	66.89	66.61	71.60086	0	28.39914	23.42063	4.978509	33.30193	6
1686.035	1686.625	1018.625	66.25	43.94	65.5	64.55	74.22902	0	25.77098	14.59271	11.17827	33.50089	6
1686.04	1686.63	1018.63	65.12	31.23	64.85	65.14	74.62444	0	25.37556	23.46641	1.90915	33.01503	6
1686.045	1686.635	1018.635	64.57	37.66	64.48	64.73	72.17938	0	27.82062	13.90041	13.92021	32.98663	6
1686.05	1686.64	1018.64	65.69	45.64	66.1	67.55	65.34282	0	34.65718	10.98055	23.67663	32.96118	6
1686.055	1686.645	1018.645	65.65	79.86	65.55	67.2	61.05088	0.518927	38.43019	22.07906	16.35113	32.87897	6
1686.06	1686.65	1018.65	64.19	26.3	64	64.28	76.0531	0	23.9469	21.45217	2.494733	32.9429	6
1686.065	1686.655	1018.655	64.13	29.94	64.29	64.67	72.51492	0	27.48508	7.984905	19.50017	32.79332	6
1686.07	1686.66	1018.66	64.15	22.39	64.04	63.38	76.41612	0	23.58388	3.740911	19.84297	33.06305	6
1686.075	1686.665	1018.665	64.69	27.1	64.63	64.73	74.392	0	25.608	15.49678	10.11122	32.93126	6
1686.08	1686.67	1018.67	64.54	49.36	64.14	64.26	71.77808	0	28.22192	4.511611	23.71031	33.2114	6
1686.085	1686.675	1018.675	63.96	45.87	63.22	62.26	75.79126	0	24.20874	22.47285	1.735886	33.53384	6
1686.09	1686.68	1018.68	64.1	48.14	63.09	62.45	77.20562	0	22.79438	8.081634	14.71275	33.63931	6
1686.095	1686.685	1018.685	63.94	64.88	63.2	63.61	71.20924	0	28.79076	23.68214	5.108619	33.41375	6
1686.1	1686.69	1018.69	65.03	58.14	64.2	62.96	72.53502	0	27.46498	12.90839	14.55659	33.68392	6
1686.105	1686.695	1018.695	64.23	30.67	63.89	63.61	76.12126	0	23.87874	20.23313	3.645607	33.13852	6
1686.11	1686.7	1018.7	66.71	44.52	66.52	67.02	69.32546	0	30.67454	11.84908	18.82546	33.1669	6
1686.115	1686.705	1018.705	64.33	51.98	63.82	62.91	72.18974	0	27.81026	14.76962	13.04064	33.45623	6
1686.12	1686.71	1018.71	63.78	46.81	63.79	64.78	69.91688	0	30.08312	13.72637	16.35675	32.88154	6
1686.125	1686.715	1018.715	63.01	35.06	62.75	62.85	75.56128	0	24.43872	7.571878	16.86684	33.03331	6
1686.13	1686.72	1018.72	65.06	49.09	64.47	63.85	72.83752	0	27.16248	8.250877	18.9116	33.41488	6
1686.135	1686.725	1018.725	62.75	46.21	62.91	62.84	69.84718	0	30.15282	16.04749	14.10533	32.96748	6
1686.14	1686.73	1018.73	60.51	45.47	61.49	62.26	65.73206	0	34.26794	7.102629	27.16531	32.42125	6
1686.145	1686.735	1018.735	61.36	35.49	61.53	62.26	73.64272	0	26.35728	5.067995	21.28929	32.64532	6
1686.15	1686.74	1018.74	62.81	70.68	62.34	62.67	68.75274	0	31.24726	8.121781	23.12548	33.4038	6
1686.155	1686.745	1018.745	59.57	34.58	59.38	59.2	78.29974	0	21.70026	9.489633	12.21063	33.08614	6
1686.16	1686.75	1018.75	58.8	33.14	58.74	58.14	78.34912	0	21.65088	21.65088	0	33.06707	6
1686.165	1686.755	1018.755	61.07	46.02	60.39	60.39	77.94876	0	22.05124	7.257372	14.79387	33.42087	6

1686.17	1686.76	1018.76	61.95	88.74	60.33	59.55	74.08592	0	25.91408	17.0774	8.836683	34.34129	6
1686.175	1686.765	1018.765	58.55	51.52	58.47	58.14	74.28616	0	25.71384	23.22386	2.489976	33.08214	6
1686.18	1686.77	1018.77	59.35	33.11	58.98	58.5	80.25288	0	19.74712	10.25016	9.49696	33.33462	6
1686.185	1686.775	1018.775	58.09	43.93	57.43	56.55	81.04114	0	18.95886	3.223403	15.73546	33.77014	6
1686.19	1686.78	1018.78	55.82	64.81	54.58	53.26	82.57158	0	17.42842	6.613707	10.81471	34.70021	6
1686.195	1686.785	1018.785	55.64	48.55	54.57	54	85.3546	0	14.6454	14.6454	0	34.50542	6
1686.2	1686.79	1018.79	56.54	77.56	55.52	56.2	77.11868	0	22.88132	21.10138	1.77994	33.93909	6
1686.205	1686.795	1018.795	57.13	88.67	56	56.32	74.73976	0	25.26024	12.61887	12.64137	34.10166	6
1686.21	1686.8	1018.8	61.13	226.69	56.74	53.84	62.92392	6.049361	31.02672	16.5865	14.44022	29.80732	6
1686.215	1686.805	1018.805	57.43	74.28	56.59	56.61	75.69864	0	24.30136	14.88847	9.412886	33.80922	6
1686.22	1686.81	1018.81	56.71	57.26	56.47	57.63	75.82988	0	24.17012	17.74052	6.429599	33.01379	6
1686.225	1686.815	1018.815	56.21	50.85	56.81	56.28	71.3311	0	28.6689	12.20726	16.46164	32.59408	6
1686.23	1686.82	1018.82	58.6	175.11	57.22	57.49	54.40638	4.958451	40.63517	26.14708	14.48809	29.18843	6
1686.235	1686.825	1018.825	57.21	51.29	57.47	57.55	72.93962	0	27.06038	10.58337	16.47701	32.74787	6
1686.24	1686.83	1018.83	59.19	88.86	58.1	57.84	72.48858	0	27.51142	4.856889	22.65453	34.05609	6
1686.245	1686.835	1018.835	60.35	120.39	58.5	57.14	69.68112	0.962203	29.35668	22.73044	6.626239	33.66784	6
1686.25	1686.84	1018.84	59.99	66.28	59.65	59.61	71.40444	0	28.59556	16.74134	11.85422	33.31471	6
1686.255	1686.845	1018.845	75.73	301.96	72.82	76.89	19.80658	12.28058	67.91284	48.33869	19.57415	26.58846	6
1686.26	1686.85	1018.85	60.5	31.55	60.39	60.79	77.5574	0	22.4426	13.25776	9.184841	32.88357	6
1686.265	1686.855	1018.855	60.38	53.81	60.42	60.84	71.11838	0	28.88162	15.79956	13.08206	32.90382	6
1686.27	1686.86	1018.86	57.01	46.45	57.11	57.17	75.5349	0	24.4651	5.118501	19.3466	32.85659	6
1686.275	1686.865	1018.865	53.74	107.52	55.23	59	52.99186	2.092341	44.9158	31.0759	13.8399	29.9054	6
1686.28	1686.87	1018.87	51.99	81.22	51.92	55.43	73.05646	0	26.94354	13.14484	13.7987	32.7217	6
1686.285	1686.875	1018.875	53.96	85.45	54.4	56.21	66.2679	0	33.7321	8.404877	25.32722	32.70066	6
1686.29	1686.88	1018.88	56.84	74.52	56.67	57.32	70.99086	0	29.00914	7.925031	21.08411	33.1706	4
1686.295	1686.885	1018.885	56.97	104.64	57.2	58.08	60.48222	1.352434	38.16535	12.63269	25.53266	31.69933	4
1686.3	1686.89	1018.89	56.96	79.68	56.44	57.39	72.34424	0	27.65576	20.23281	7.422946	33.41851	4
1686.305	1686.895	1018.895	57.08	93.15	55.88	56.51	74.2441	0	25.7559	13.99169	11.76421	34.13424	4
1686.31	1686.9	1018.9	58.4	100.36	57.19	55.9	71.36238	0.037104	28.60052	11.79068	16.80983	34.42466	4
1686.315	1686.905	1018.905	54.38	102.82	52.61	49.82	78.80546	0	21.19454	12.41497	8.779569	35.67672	4
1686.32	1686.91	1018.91	55.46	125.1	53.53	49.43	73.6601	1.045347	25.29455	10.74086	14.5537	34.576	4
1686.325	1686.915	1018.915	53.67	73.19	53.24	53	76.24412	0	23.75588	16.61591	7.139969	33.66766	4
1686.33	1686.92	1018.92	55.39	139.14	54.35	54.3	63.42932	2.595968	33.97471	18.95703	15.01768	31.29433	4
1686.335	1686.925	1018.925	52.8	82.35	52.72	53.47	72.1153	0	27.8847	16.70534	11.17936	33.2237	4
1686.34	1686.93	1018.93	54.44	84.32	54.09	54.49	72.22226	0	27.77774	7.012123	20.76562	33.49782	4
1686.345	1686.935	1018.935	54.36	76.67	53.74	52.52	76.23966	0	23.76034	14.66617	9.094168	34.02068	4
1686.35	1686.94	1018.94	52.66	65.19	52.47	53.41	77.24932	0	22.75068	11.87426	10.87642	33.22482	4
1686.355	1686.945	1018.945	51.24	72.18	50.62	49.08	80.19664	0	19.80336	3.977521	15.82584	34.35475	4
1686.36	1686.95	1018.95	50.34	55.82	50.19	51.39	81.34126	0	18.65874	4.826958	13.83178	33.33849	4
1686.365	1686.955	1018.955	52.73	70.77	51.84	49.85	81.25956	0	18.74044	18.74044	0	34.66502	4
1686.37	1686.96	1018.96	51.7	57.16	50.97	49.43	84.26078	0	15.73922	4.338747	11.40047	34.58007	4
1686.375	1686.965	1018.965	51.14	44.53	50.88	49.95	84.18994	0	15.81006	7.665626	8.144434	33.91112	4
1686.38	1686.97	1018.97	53.59	47.94	53.32	53.61	81.18822	0	18.81178	13.85775	4.95403	33.41906	6
1686.385	1686.975	1018.975	56.79	53.85	55.68	54.43	83.324	0	16.676	5.140122	11.53588	34.47693	6
1686.39	1686.98	1018.98	55.8	57.15	54.44	53.67	85.3737	0	14.6263	13.25165	1.374653	34.8559	6
1686.395	1686.985	1018.985	60.16	74.86	58.41	56.02	80.09918	0	19.90082	11.85664	8.044179	34.9166	6
1686.4	1686.99	1018.99	66.38	64.99	66.36	65.79	63.35782	0	36.64218	22.53242	14.10976	33.7425	6
1686.405	1686.995	1018.995	60.53	56.77	59.78	58.87	76.38656	0	23.61344	20.77762	2.83582	33.6813	6
1686.41	1687	1019	54.45	35.63	53.89	54.08	85.62354	0	14.37646	14.37646	0	33.89057	6
1686.415	1687.005	1019.005	57.41	87.91	55.6	54.79	79.93608	0	20.06392	4.498621	15.5653	35.00079	6
1686.42	1687.01	1019.01	58.67	61.61	57.34	56.56	81.42148	0	18.57852	18.57852	0	34.38701	6
1686.425	1687.015	1019.015	58.41	45.68	57.71	57.55	80.63324	0	19.36676	4.549529	14.81723	33.64594	6
1686.43	1687.02	1019.02	61.97	60.93	60.5	59.32	79.63504	0	20.36496	5.001787	15.36317	34.25215	6
1686.435	1687.025	1019.025	57.8	44.64	57.6	57.56	77.57112	0	22.42888	22.06703	0.361847	33.13048	6
1686.44	1687.03	1019.03	57.01	51.06	56.77	56.49	77.05428	0	22.94572	10.24992	12.6958	33.2524	6
1686.445	1687.035	1019.035	59.61	71.12	58.69	58.38	75.07776	0	24.92224	19.83212	5.090121	33.80024	6
1686.45	1687.04	1019.04	58.17	66.75	57.37	56.11	76.5301	0	23.4699	14.65435	8.815546	33.93996	6
1686.455	1687.045	1019.045	56.54	59.29	56.81	58.26	71.54252	0	28.45748	6.820279	21.6372	32.55185	6
1686.46	1687.05	1019.05	53.94	75.64	54.57	57.73	67.18782	0	32.81218	5.894289	26.91789	32.16494	6
1686.465	1687.055	1019.055	55.27	65.29	56.33	58.61	65.13642	0	34.86358	15.39364	19.46994	32.00071	6
1686.47	1687.06	1019.06	56.32	87.76	57.2	59.96	60.12768	0.652419	39.2199	17.99365	21.22625	31.71267	6
1686.475	1687.065	1019.065	54.85	120.38	54.18	50.73	65.59854	1.550237	32.85122	15.90642	16.94481	32.79617	6
1686.48	1687.07	1019.07	57.78	181.34	55.27	52.95	62.41062	4.487201	33.10218	29.46037	3.641805	30.55765	6
1686.485	1687.075	1019.075	57.34	77.82	56.2	54.14	77.24976	0	22.75024	18.33924	4.411003	34.50109	6
1686.49	1687.08	1019.08	57.89	65.94	57.24	55.79	75.82122	0	24.17878	4.266044	19.91274	33.84938	6
1686.495	1687.085	1019.085	54.85	54.53	54.47	54.84	79.28674	0	20.71326	20.71326	0	33.41482	6
1686.5	1687.09	1019.09	61.38	97.32	59.58	56.32	73.92896	0	26.07104	14.82313	11.24791	35.01672	6
1686.505	1687.095	1019.095	57.36	98.19	55.24	54.45	79.89682	0	20.10318	16.74532	3.357862	35.34232	6
1686.51	1687.1	1019.1	58.83	104.56	56.52	55.55	78.47538	0	21.52462	13.43595	8.088672	35.36421	6
1686.515	1687.105	1019.105	57.7	49.74	56.83	56.73	81.62142	0	18.37858	3.206592	15.17199	33.87844	6
1686.52	1687.11	1019.11	57.04	41.31	56.4	55.96	82.48618	0	17.51382	15.37152	2.1423	33.77405	6
1686.525	1687.115	1019.115	55.98	51.07	54.82	53.56	85.12946	0	14.87054	14.87054	0	34.68827	6
1686.53	1687.12	1019.12	53.44	43.8	52.6	51.96	86.7456	0	13.2544	8.774444	4.479956	34.52446	6

1686.535	1687.125	1019.125	53.76	33.62	53.75	54.02	82.48226	0	17.51774	17.51774	0	33.14141	6
1686.54	1687.13	1019.13	54.1	23.64	53.87	52.23	86.28962	0	13.71038	13.71038	0	33.90506	6
1686.545	1687.135	1019.135	58.08	56.77	56.8	56.02	82.74806	0	17.25194	11.96298	5.288959	34.42994	6
1686.55	1687.14	1019.14	56.4	37.65	56.35	57.45	79.3882	0	20.6118	16.28286	4.328945	32.83407	6
1686.555	1687.145	1019.145	55.19	30.55	55.26	55.43	81.2896	0	18.7104	16.3339	2.376497	32.9631	6
1686.56	1687.15	1019.15	55.18	48.53	54.73	54.67	80.97764	0	19.02236	17.98587	1.036489	33.57925	6
1686.565	1687.155	1019.155	56.7	73.72	55.82	56.5	76.81576	0	23.18424	13.02817	10.15607	33.77209	6
1686.57	1687.16	1019.16	55.6	30.41	55.55	55.26	81.87628	0	18.12372	12.26743	5.856292	33.17652	6
1686.575	1687.165	1019.165	55.59	45.32	55.97	57.67	74.94476	0	25.05524	19.11062	5.944622	32.31057	6
1686.58	1687.17	1019.17	57.84	33.53	57.35	57.67	82.47044	0	17.52956	4.782042	12.74752	33.42888	6
1686.585	1687.175	1019.175	58.54	48.72	57.88	57.61	79.46796	0	20.53204	18.31425	2.217788	33.59863	6
1686.59	1687.18	1019.18	59.44	51.61	59.12	59.2	75.30558	0	24.69442	21.96274	2.731678	33.17562	6
1686.595	1687.185	1019.185	61.76	99.92	59.82	57.34	74.03516	0	25.96484	17.00086	8.963984	34.94969	6
1686.6	1687.19	1019.19	58.4	144.74	56.44	55.73	66.43492	2.443067	31.12201	22.6545	8.467514	32.05002	6
1686.605	1687.195	1019.195	57.64	83.66	57.03	55.96	71.45298	0	28.54702	19.25744	9.289576	33.87528	6
1686.61	1687.2	1019.2	57.69	76.52	56.92	56.61	74.37486	0	25.62514	14.37293	11.25221	33.79959	6
1686.615	1687.205	1019.205	56.56	49.93	56.89	57.61	73.32424	0	26.67576	8.210534	18.46523	32.5584	6
1686.62	1687.21	1019.21	57.13	31.37	57.27	57.91	78.76386	0	21.23614	19.32696	1.90918	32.68987	6
1686.625	1687.215	1019.215	58.72	26.65	58.67	58.67	79.9158	0	20.0842	17.0845	2.999703	32.9605	6
1686.63	1687.22	1019.22	58.95	59.57	57.95	57.49	79.10006	0	20.89994	20.89994	0	33.93406	6
1686.635	1687.225	1019.225	58.92	25.37	58.85	58.73	80.19656	0	19.80344	19.80344	0	33.00012	6
1686.64	1687.23	1019.23	58.51	34.44	58.08	58.11	81.16882	0	18.83118	5.953491	12.87769	33.35048	6
1686.645	1687.235	1019.235	59.18	59.1	58.72	57.73	74.8172	0	25.1828	7.458843	17.72396	33.52247	6
1686.65	1687.24	1019.24	58.77	48.73	58.25	58.67	78.16894	0	21.83106	8.836184	12.99488	33.31169	6
1686.655	1687.245	1019.245	57.71	55.63	56.93	57	79.48934	0	20.51066	16.76829	3.74237	33.71074	6
1686.66	1687.25	1019.25	58.69	77.01	56.93	55.91	81.00878	0	18.99122	9.559659	9.431561	34.85483	6
1686.665	1687.255	1019.255	56.05	51.44	56.03	55.73	76.14052	0	23.85948	19.217	4.642484	33.07347	6
1686.67	1687.26	1019.26	61.44	107.32	59.98	60.06	68.81876	0.48251	30.69873	24.49273	6.206002	33.64594	6
1686.675	1687.265	1019.265	57.1	49.25	56.45	56.32	80.587	0	19.413	4.816398	14.5966	33.67206	6
1686.68	1687.27	1019.27	55.47	32.63	55.15	55.26	83.55114	0	16.44886	3.063424	13.38544	33.46344	6
1686.685	1687.275	1019.275	56.8	26.93	56.6	56.56	82.77694	0	17.22306	17.22306	0	33.2612	6
1686.69	1687.28	1019.28	57.55	29.54	57.67	57.79	78.97532	0	21.02468	5.386924	15.63776	32.79508	6
1686.695	1687.285	1019.285	55.41	31.07	55.6	57.47	80.03136	0	19.96864	9.879531	10.08911	32.48184	6
1686.7	1687.29	1019.29	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1687.005	1687.595	1019.595	108.23	27.16	108.18	109.85	34.24318	20.64395	45.11287	18.58997	26.52291	30.92087	4
1687.01	1687.6	1019.6	113.8	18.84	114.7	115.86	23.76972	41.87329	34.35699	23.32012	11.03688	28.26047	4
1687.015	1687.605	1019.605	111.69	20.14	112.37	112.96	27.10132	34.29766	38.60102	10.50539	28.09563	29.35327	4
1687.02	1687.61	1019.61	112.4	38.34	113.82	116.49	16.30872	46.88211	36.80917	16.45782	20.35135	27.82462	4
1687.025	1687.615	1019.615	108.98	21.73	109.34	110.88	31.68974	25.71193	42.59833	14.43286	28.16547	30.31319	4
1687.03	1687.62	1019.62	109.81	24.42	110.42	110.44	28.33766	30.10941	41.55293	27.72588	13.82705	30.01733	4
1687.035	1687.625	1019.625	108.61	13.02	108.72	108.51	36.07546	21.88266	42.04188	13.71244	28.32944	31.27259	4
1687.04	1687.63	1019.63	107.27	17.94	107.6	107.45	34.41262	22.51465	43.07273	18.12977	24.94296	31.1246	4
1687.045	1687.635	1019.635	106.67	14.57	106.77	107.39	37.56266	19.21046	43.22688	18.08718	25.13969	31.5205	4
1687.05	1687.64	1019.64	107.42	16.68	107.98	108.57	32.79704	24.97188	42.23108	20.86596	21.36512	30.66933	4
1687.055	1687.645	1019.645	106.45	22.27	107.16	108.37	31.17416	25.29775	43.52809	13.2461	30.28199	30.48404	4
1687.06	1687.65	1019.65	104.14	22.9	104.16	105.11	38.4944	15.98397	45.52163	14.37204	31.14958	31.82137	4
1687.065	1687.655	1019.655	100.23	14.45	100.41	101.11	42.8965	12.53718	44.56632	24.88892	19.6774	32.58382	4
1687.07	1687.66	1019.66	97.12	19.8	97.63	97.71	41.9055	12.06157	46.03293	32.20996	13.82297	32.58455	4
1687.075	1687.665	1019.665	98.46	21.33	99.11	100.63	39.21744	14.37141	46.41115	33.48987	12.92128	31.92538	4
1687.08	1687.67	1019.67	97.76	31.08	98.73	98.85	35.02194	16.3391	48.63896	23.96789	24.67107	31.72797	4
1687.085	1687.675	1019.675	96.19	31.64	96.53	97.79	41.21332	11.03223	47.75445	20.79859	26.95586	32.27116	4
1687.09	1687.68	1019.68	94.87	29.56	95.11	95.15	43.70608	9.277869	47.01605	18.16909	28.84696	32.83168	4
1687.095	1687.685	1019.685	95.15	45.75	94.69	93.55	44.9555	6.864807	48.17969	30.85494	17.32475	33.17832	4
1687.1	1687.69	1019.69	93.35	53.71	92.94	92.9	44.29768	6.627507	49.07481	22.08389	26.99092	32.77472	4
1687.105	1687.695	1019.695	95.82	57.67	94.82	91.85	45.63946	5.192728	49.16781	25.65408	23.51373	33.60554	4
1687.11	1687.7	1019.7	93.82	73.08	93.55	90.14	38.09274	8.884982	53.02228	34.60003	18.42225	32.60325	4
1687.115	1687.705	1019.705	95.77	68.93	95.12	94.49	40.24804	7.781343	51.97062	22.98673	28.98388	32.40835	4
1687.12	1687.71	1019.71	93.67	61.68	93.34	92	41.45454	7.732771	50.81269	34.60227	16.21042	32.62805	4
1687.125	1687.715	1019.715	96.55	91.74	95.73	88.67	35.32792	8.824188	55.84789	28.26705	27.58084	33.06864	4
1687.13	1687.72	1019.72	93.39	66.23	92.67	90.81	43.63354	6.019443	50.34702	19.96243	30.38459	32.94738	4
1687.135	1687.725	1019.725	93.06	92.69	92.31	89.65	37.76632	7.509994	54.72369	34.22447	20.49922	32.2828	4
1687.14	1687.73	1019.73	91.67	78.99	91.45	90.53	38.25302	8.287555	53.45943	33.73175	19.72768	32.04355	4
1687.145	1687.735	1019.735	89.53	140.6	90.15	90.1	18.8022	14.75892	66.43888	46.86116	19.57773	31.02917	4
1687.15	1687.74	1019.74	83.66	185.43	85.12	85.82	6.84374	17.07305	76.08321	68.821	7.262209	-9999	4
1687.155	1687.745	1019.745	83.19	179.13	83.5	81.06	17.71324	12.82241	69.46435	41.63394	27.83041	30.88502	4
1687.16	1687.75	1019.75	76.73	108.59	77.18	74.67	39.64212	5.954582	54.4033	21.92803	32.47527	31.36773	4
1687.165	1687.755	1019.755	71.53	125.14	72.51	73.45	36.31352	6.456304	57.23018	34.9303	22.29987	30.0449	4
1687.17	1687.76	1019.76	66.97	122.28	66.93	66.02	49.10584	3.673821	47.22034	33.61514	13.6052	30.83196	4
1687.175	1687.765	1019.765	65.03	83.57	64.72	64.08	62.35096	0.427432	37.22161	8.743564	28.47804	33.38255	4
1687.18	1687.77	1019.77	65.5	69.2	65.46	65.87	63.3036	0	36.6964	23.60407	13.09233	33.54387	4
1687.185	1687.775	1019.775	68.88	99.89	67.86	64.96	60.36202	1.133425	38.50455	22.60353	15.90102	33.3219	4
1687.19	1687.78	1019.78	74.78	103.64	76.91	80.43	29.61402	8.465133	61.92085	42.68146	19.23938	30.19774	4
1687.195	1687.785	1019.785	83.14	117.15	84.5	89.45	24.6209	11.82726	63.55184	28.22204	35.3298	30.02289	4

1687.2	1687.79	1019.79	87.63	148.82	89.92	94.08	5.61846	20.70472	73.67682	59.65259	14.02423	-9999	4
1687.205	1687.795	1019.795	87.5	155.57	88.43	91.92	14.64456	15.66376	69.69168	48.19534	21.49634	30.50182	4
1687.21	1687.8	1019.8	90.98	228.03	94.69	98.23	0	36.61432	63.38568	63.38568	0	-9999	4
1687.215	1687.805	1019.805	92.77	274.67	95.4	99.38	0	36.49233	63.50767	63.50767	0	-9999	4
1687.22	1687.81	1019.81	96.74	275.45	100.18	99.49	0	47.69983	52.30017	52.30017	0	-9999	4
1687.225	1687.815	1019.815	98.08	166.67	99.42	99.61	0	28.27609	71.72391	71.72391	0	-9999	4
1687.23	1687.82	1019.82	102.69	97.2	103.48	102.94	15.8803	25.55366	58.56604	34.59377	23.97226	31.00019	4
1687.235	1687.825	1019.825	101.35	62.95	100.69	100.43	36.6391	10.88842	52.47248	20.60597	31.86651	32.10855	4
1687.24	1687.83	1019.83	103.69	55.59	103.31	101.61	34.09742	14.44366	51.45892	24.03302	27.42589	32.03207	4
1687.245	1687.835	1019.835	103.56	46.12	104.17	106.2	28.83626	21.78858	49.37516	33.96476	15.4104	30.60401	4
1687.25	1687.84	1019.84	102.67	50.37	102.98	104.63	30.95156	18.52454	50.5239	20.58726	29.93664	30.98319	4
1687.255	1687.845	1019.845	102.94	48.83	102.93	103.06	33.55584	16.19076	50.2534	19.77733	30.47607	31.5502	4
1687.26	1687.85	1019.85	102.76	48.18	102.85	103.79	33.10374	16.74326	50.153	17.30795	32.84505	31.3395	4
1687.265	1687.855	1019.855	101.52	57.78	101.49	101.36	32.85134	15.21595	51.93271	24.55538	27.37734	31.60007	4
1687.27	1687.86	1019.86	99.37	60.3	100.13	100.06	28.097	18.72843	53.17457	29.06792	24.10665	31.22275	4
1687.275	1687.865	1019.865	101.3	45.94	101.94	101.71	30.72652	19.15119	50.12229	20.06387	30.05842	31.30844	4
1687.28	1687.87	1019.87	99.2	35.1	99.49	98.87	37.9943	13.67759	48.32811	25.56819	22.75992	32.1915	4
1687.285	1687.875	1019.875	97.56	32.29	97.43	97.65	43.43812	9.425101	47.13678	33.46514	13.67164	32.79088	4
1687.29	1687.88	1019.88	91.42	38.56	90.76	89.14	51.67708	3.513111	44.80981	23.76615	21.04366	34.21374	4
1687.295	1687.885	1019.885	85.26	77.05	84.89	86.26	45.7822	4.670558	49.54724	24.74238	24.80486	32.07335	-9999
1687.3	1687.89	1019.89	78.59	35.04	78.1	77.39	63.01502	0	36.98498	18.83471	18.15027	34.72116	-9999
1687.305	1687.895	1019.895	77.29	25.44	77.05	76.79	64.59672	0	35.40328	9.215135	26.18815	34.48577	-9999
1687.31	1687.9	1019.9	77.9	34.94	77.72	78.49	61.27152	0	38.72848	7.120366	31.60811	34.76767	-9999
1687.315	1687.905	1019.905	77.56	42.31	77.51	77.67	58.79328	0.641103	40.56562	12.24524	28.32037	34.32734	-9999
1687.32	1687.91	1019.91	76.32	39.05	76.18	77.2	61.4205	0	38.5795	18.80538	19.77412	34.48818	-9999
1687.325	1687.915	1019.915	76.12	30.81	75.81	74.79	64.91608	0	35.08392	16.63355	18.45037	34.40364	-9999
1687.33	1687.92	1019.92	74.64	32.09	74.44	74.06	65.11542	0	34.88458	14.44601	20.43857	34.14094	-9999
1687.335	1687.925	1019.925	73.04	35.09	73.24	73.73	62.76142	0	37.23858	22.40643	14.83215	34.10575	-9999
1687.34	1687.93	1019.93	69.61	31.89	69.23	67.73	71.18642	0	28.81358	12.499	16.31458	33.57955	-9999
1687.345	1687.935	1019.935	68.31	21.56	68.09	67.39	73.64228	0	26.35772	18.62303	7.734694	33.25366	-9999
1687.35	1687.94	1019.94	68.18	21.26	67.83	66.79	74.84198	0	25.15802	13.36724	11.79078	33.32534	-9999
1687.355	1687.945	1019.945	70.41	40.96	69.91	68.61	69.18548	0	30.81452	9.756807	21.05771	33.69466	-9999
1687.36	1687.95	1019.95	71.79	27.24	71.61	71.95	68.75612	0	31.24388	5.501465	25.74241	33.47185	-9999
1687.365	1687.955	1019.955	70.62	25.29	71.02	71.91	65.80942	0	34.19058	14.6492	19.54138	33.45638	-9999
1687.37	1687.96	1019.96	69.07	19.5	69.17	68.67	70.9616	0	29.0384	15.24245	13.79595	33.27363	-9999
1687.375	1687.965	1019.965	69.54	17.02	69.6	69.95	71.43936	0	28.56064	15.87854	12.6821	33.13781	-9999
1687.38	1687.97	1019.97	68.08	14.53	68.08	68.61	73.85014	0	26.14986	4.198564	21.9513	32.94233	-9999
1687.385	1687.975	1019.975	66.15	21.98	65.5	64.38	78.86034	0	21.13966	20.55736	0.582302	33.4343	-9999
1687.39	1687.98	1019.98	68	26.82	67.52	66.11	74.66956	0	25.33044	18.06845	7.261987	33.43798	-9999
1687.395	1687.985	1019.985	65.92	138.11	62.45	61.2	72.82348	0.668334	26.50819	10.42809	16.0801	34.38229	-9999
1687.4	1687.99	1019.99	65.4	229.15	60.69	57.96	60.8802	5.609551	33.51025	12.10243	21.40782	29.7803	-9999
1687.405	1687.995	1019.995	70.41	129.37	68.02	67.89	62.43776	1.361185	36.20105	16.10414	20.09691	32.57972	-9999
1687.41	1688	1020	67.61	55.79	66.85	68.38	70.18762	0	29.81238	18.53781	11.27457	33.1645	-9999
1687.415	1688.005	1020.005	67.99	29.63	67.4	66.79	74.85124	0	25.14876	22.84664	2.302119	33.32594	-9999
1687.42	1688.01	1020.01	66.8	27.05	66.28	66.45	76.0279	0	23.9721	19.52366	4.448436	33.13299	-9999
1687.425	1688.015	1020.015	69.61	21.21	69.36	69.14	72.76348	0	27.23652	23.82135	3.415171	33.25399	-9999
1687.43	1688.02	1020.02	67.42	71.71	65.59	67.02	74.80228	0	25.19772	11.20981	13.98791	33.51843	-9999
1687.435	1688.025	1020.025	68.81	32.32	68.21	69.28	73.52336	0	26.47664	11.85139	14.62525	33.05633	-9999
1687.44	1688.03	1020.03	73.03	20.03	73.04	73.55	67.88764	0	32.11236	14.18953	17.92283	33.6312	-9999
1687.445	1688.035	1020.035	71.44	16.61	71.4	71.26	70.56558	0	29.43442	21.81053	7.623892	33.43148	-9999
1687.45	1688.04	1020.04	71.98	23.19	72.04	71.61	67.70142	0	32.29858	19.31285	12.98573	33.70813	-9999
1687.455	1688.045	1020.045	74.34	57.19	72.65	71.38	70.86472	0	29.13528	11.07047	18.06481	33.58504	-9999
1687.46	1688.05	1020.05	73.6	89.97	72.4	72.61	59.81526	0.790333	39.39441	19.83901	19.5554	33.22993	-9999
1687.465	1688.055	1020.055	71.88	62.64	71.61	72.5	60.80402	0.218656	38.97732	24.05985	14.91747	33.77657	-9999
1687.47	1688.06	1020.06	66.32	81.26	66.55	68.38	57.53818	1.138665	41.32316	24.25109	17.07207	32.28692	-9999
1687.475	1688.065	1020.065	62.68	46.68	63.39	64.79	65.53534	0	34.46466	23.34922	11.11544	32.60654	-9999
1687.48	1688.07	1020.07	60.95	42.97	61.67	63.56	67.94726	0	32.05274	10.68871	21.36403	32.25639	-9999
1687.485	1688.075	1020.075	64.18	19.45	64.61	65.26	72.915	0	27.085	8.385177	18.69982	32.56051	-9999
1687.49	1688.08	1020.08	65.88	18.81	66.36	68.55	71.11838	0	28.88162	14.66456	14.21706	32.41676	-9999
1687.495	1688.085	1020.085	66.21	24.24	66.19	67.45	73.37572	0	26.62428	9.991859	16.63242	32.74755	-9999
1687.5	1688.09	1020.09	66.95	19.67	66.73	67.73	75.35086	0	24.64914	8.844912	15.80423	32.85929	-9999
1687.505	1688.095	1020.095	66.31	20.16	66.06	65.84	76.05358	0	23.94642	8.617139	15.32928	33.0753	-9999
1687.51	1688.1	1020.1	65.75	22.6	65.55	64.96	75.5908	0	24.4092	17.59506	6.814135	33.11633	-9999
1687.515	1688.105	1020.105	64.16	44.44	64.87	65.73	64.71582	0	35.28418	21.54643	13.73775	32.86155	-9999
1687.52	1688.11	1020.11	60.14	72.12	63.08	66.02	44.43316	2.276072	53.29077	35.82995	17.46082	30.68494	-9999
1687.525	1688.115	1020.115	58.2	57.2	60.67	63.28	53.4711	0.315665	46.21324	18.07018	28.14306	31.77924	-9999
1687.53	1688.12	1020.12	54.69	52.62	55.85	60.67	67.96116	0	32.03884	22.95235	9.086487	31.19884	-9999
1687.535	1688.125	1020.125	52.24	50.86	52.53	58.32	77.38358	0	22.61642	20.00702	2.6094	31.75875	-9999
1687.54	1688.13	1020.13	50.63	37.74	49.45	50.58	93.43232	0	6.56768	6.56768	0	35.47222	-9999
1687.545	1688.135	1020.135	51.69	39.99	49.98	49.43	96.02012	0	3.97988	3.97988	0	36.65863	-9999
1687.55	1688.14	1020.14	60.01	22.66	59.87	59.73	80.39208	0	19.60792	4.559373	15.04855	33.03359	-9999
1687.555	1688.145	1020.145	59.51	33.98	59.8	60.92	74.78014	0	25.21986	7.556246	17.66361	32.43574	-9999
1687.56	1688.15	1020.15	59.76	29.99	59.72	59.41	78.07322	0	21.92678	21.92678	0	32.95843	-9999

1687.565	1688.155	1020.155	62.71	13.16	62.89	64.06	77.72708	0	22.27292	12.96384	9.309079	32.49987	-9999
1687.57	1688.16	1020.16	62.12	16.07	62.3	64.02	77.56566	0	22.43434	7.267322	15.16702	32.391	-9999
1687.575	1688.165	1020.165	61.26	12.24	61.31	62.67	80.29122	0	19.70878	14.02856	5.680221	32.57725	-9999
1687.58	1688.17	1020.17	62.96	10.52	63.06	63.69	78.75596	0	21.24404	8.837338	12.4067	32.6616	-9999
1687.585	1688.175	1020.175	62.94	10.88	63.12	63.14	78.06724	0	21.93276	16.81633	5.116434	32.71614	-9999
1687.59	1688.18	1020.18	61.93	13.04	61.86	61.38	80.41122	0	19.58878	7.348583	12.2402	33.008	-9999
1687.595	1688.185	1020.185	62.15	19.27	62.17	62.26	78.00366	0	21.99634	17.65956	4.336777	32.80975	-9999
1687.6	1688.19	1020.19	61.64	25.27	62.08	63.02	73.76586	0	26.23414	19.5144	6.719736	32.3884	-9999
1687.605	1688.195	1020.195	61.64	23.27	62.45	62.63	71.38236	0	28.61764	12.17812	16.43952	32.34129	-9999
1687.61	1688.2	1020.2	60.93	27.61	60.61	59.67	79.74278	0	20.25722	4.777033	15.48019	33.29922	-9999
1687.615	1688.205	1020.205	61.02	29.75	60.36	58.32	81.7771	0	18.2229	18.2229	0	33.82712	-9999
1687.62	1688.21	1020.21	60.82	33.38	60.87	61.02	75.58014	0	24.41986	21.78072	2.639141	32.79578	-9999
1687.625	1688.215	1020.215	62.09	54.7	61.13	58.06	77.0798	0	22.9202	10.70351	12.21669	34.15155	-9999
1687.63	1688.22	1020.22	62.4	40.66	62.61	64.67	71.12478	0	28.87522	23.26903	5.606187	32.45798	-9999
1687.635	1688.225	1020.225	65.13	91.6	63.87	65.67	67.6782	0	32.3218	19.67014	12.65166	33.62289	-9999
1687.64	1688.23	1020.23	64.75	63.73	63.47	63.69	74.92734	0	25.07266	15.91174	9.160923	33.634	-9999
1687.645	1688.235	1020.235	63.25	33.57	62.73	64.16	77.71606	0	22.28394	19.17442	3.109524	32.93717	-9999
1687.65	1688.24	1020.24	63.74	30.49	63.53	65.16	75.60812	0	24.39188	13.034	11.35788	32.69824	-9999
1687.655	1688.245	1020.245	66.4	105.96	64.63	64.23	66.98718	0.376222	32.6366	15.43115	17.20545	33.76246	-9999
1687.66	1688.25	1020.25	64.37	37.4	64.65	67.02	69.5588	0	30.4412	12.00307	18.43813	32.48458	-9999
1687.665	1688.255	1020.255	63.35	36.78	63.64	65.14	70.56974	0	29.43026	13.43018	16.00008	32.55294	-9999
1687.67	1688.26	1020.26	61.04	42.46	60.86	61.95	74.96288	0	25.03712	12.28946	12.74766	32.81717	-9999
1687.675	1688.265	1020.265	59.39	28.67	59.85	60.49	74.85806	0	25.14194	22.3862	2.755739	32.37262	-9999
1687.68	1688.27	1020.27	58.36	27.08	58.02	57.73	82.39044	0	17.60956	11.78971	5.819853	33.35436	-9999
1687.685	1688.275	1020.275	60.25	36.1	60.07	60.67	77.2288	0	22.7712	19.22537	3.545826	32.90056	-9999
1687.69	1688.28	1020.28	60.3	50.05	60.44	62.14	71.3269	0	28.6731	13.8576	14.8155	32.56233	-9999
1687.695	1688.285	1020.285	62.61	71.72	63.25	64.28	60.08256	0.316275	39.60116	14.37547	25.2257	32.8348	-9999
1687.7	1688.29	1020.29	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1688.13	1688.723	1020.723	106.68	76.55219	105.3961	103.0752	33.2791	10.62297	56.09793	29.35474	26.7432	32.41131	10
1688.135	1688.728	1020.728	107.25	59.41434	107.0187	106.2786	28.74411	19.77707	51.47882	30.12152	21.35729	31.1956	10
1688.14	1688.733	1020.733	110.07	76.42014	109.7741	109.8676	22.53505	23.80512	53.65983	30.78002	22.87981	30.60756	10
1688.145	1688.738	1020.738	116.92	97.20112	115.5796	115.7072	19.29921	20.17349	60.5273	45.04915	15.47815	30.97814	10
1688.15	1688.743	1020.743	128.52	81.70603	129.2846	130.5645	0	94.97238	5.027621	5.027621	0	-9999	10
1688.155	1688.748	1020.748	127.26	59.54073	127.7399	130.2057	4.792609	79.70744	15.49995	11.49584	4.004111	-9999	10
1688.16	1688.753	1020.753	124.83	61.24571	125.2895	128.7356	6.773994	69.75455	23.47146	11.69593	11.77553	-9999	10
1688.165	1688.758	1020.758	120.86	62.15374	121.7823	123.6918	6.619395	65.82368	27.55692	25.26581	2.291112	-9999	10
1688.17	1688.763	1020.763	122.35	58.88974	122.773	124.7414	9.908723	60.23248	29.8588	15.73097	14.12783	25.8424	10
1688.175	1688.769	1020.769	126.88	52.63569	127.3923	128.0039	6.561881	78.53469	14.90343	14.90343	0	-9999	10
1688.18	1688.774	1020.774	131.1	55.99461	132.0055	133.5818	0	100	0	0	0	-9999	10
1688.185	1688.779	1020.779	127.36	45.13629	128.2209	130.1578	5.234028	89.69475	5.071218	5.071218	0	-9999	10
1688.19	1688.784	1020.784	120.39	36.30614	121.327	123.3787	13.19326	62.75185	24.05489	13.90479	10.15009	25.38395	10
1688.195	1688.789	1020.789	112.59	38.52841	113.643	115.8589	18.93275	42.40259	38.66466	18.17989	20.48477	28.24069	10
1688.2	1688.794	1020.794	107.17	36.5997	107.694	110.0827	28.4856	25.56008	45.95432	21.79418	24.16014	30.11468	10
1688.205	1688.799	1020.799	108.61	40.06176	108.9043	109.9887	28.10275	25.65894	46.2383	33.1818	13.05651	30.28867	10
1688.21	1688.804	1020.804	111.18	46.03431	111.2894	112.9937	25.7259	28.08151	46.19259	21.97117	24.22141	29.81631	10
1688.215	1688.809	1020.809	113.75	47.04861	114.5705	118.2154	17.60535	42.53167	39.86298	24.03919	15.8238	27.94448	10
1688.22	1688.814	1020.814	116.12	57.42896	117.1385	120.528	11.37875	52.3513	36.26994	22.33393	13.93601	27.11294	10
1688.225	1688.82	1020.82	120.71	48.1362	121.2114	122.8289	13.41193	55.98805	30.60003	9.564394	21.03564	26.30654	10
1688.23	1688.825	1020.825	123.11	52.60015	123.9255	125.0672	7.68933	71.05586	21.25481	19.06693	2.187879	-9999	10
1688.235	1688.83	1020.83	123.57	57.96704	124.1254	125.0893	7.982883	67.21717	24.79995	24.79995	0	-9999	10
1688.24	1688.835	1020.835	124.51	45.01616	124.7887	124.5756	12.39731	63.21707	24.38563	5.151048	19.23458	25.28205	10
1688.245	1688.84	1020.84	126.18	51.91955	126.823	127.9772	6.366476	79.02461	14.60891	6.628077	7.980835	-9999	10
1688.25	1688.845	1020.845	125.27	58.00775	125.8124	126.5191	6.510392	73.22187	20.26774	8.112246	12.1555	-9999	10
1688.255	1688.85	1020.85	126.56	46.58362	127.0553	127.1213	8.45316	76.35909	15.18775	8.314237	6.873513	23.50979	10
1688.26	1688.855	1020.855	123.86	62.58857	123.9254	123.2876	10.39541	57.39232	32.21227	27.4054	4.80687	26.46873	10
1688.265	1688.86	1020.86	122.96	58.65968	123.5143	124.6392	8.38522	65.09703	26.51775	14.90925	11.6085	25.43955	10
1688.27	1688.865	1020.865	125.99	52.45926	126.4019	127.3081	8.201883	72.34274	19.45538	9.009522	10.44585	24.05198	10
1688.275	1688.871	1020.871	125.58	53.31009	126.2216	127.2252	6.592666	76.61518	16.79215	16.79215	0	-9999	10
1688.28	1688.876	1020.876	125.1	49.9372	125.6256	126.2332	8.750098	71.61037	19.63954	8.545247	11.09429	24.27842	10
1688.285	1688.881	1020.881	123.78	56.57408	124.434	125.3659	7.363213	70.14742	22.48937	11.50726	10.9821	-9999	10
1688.29	1688.886	1020.886	121.88	56.14388	122.3347	120.5159	10.75954	59.21495	30.02551	27.00545	3.020061	26.63939	10
1688.295	1688.891	1020.891	122.47	52.9492	122.6979	122.6979	12.74805	56.06325	31.1887	11.92493	19.26377	26.45509	10
1688.3	1688.896	1020.896	121.9	45.44788	122.4035	122.241	12.95187	59.57287	27.47526	14.72969	12.74557	26.05776	10
1688.305	1688.901	1020.901	119.01	54.67825	119.3316	120.0874	14.78622	48.24559	36.96818	27.94627	9.021912	27.53477	10
1688.31	1688.906	1020.906	108.95	70.71392	109.2137	110.7648	20.60964	27.9275	51.46286	30.49382	20.96904	30.0166	10
1688.315	1688.911	1020.911	105.08	65.99294	105.0341	103.8411	27.71173	19.39428	52.894	23.0137	29.8803	31.29891	10
1688.32	1688.916	1020.916	99.94	58.5579	99.35441	98.52859	38.42248	10.08533	51.49219	19.33943	32.15276	32.3692	10
1688.325	1688.922	1020.922	101.06	73.22575	101.0751	99.20555	29.18732	16.14301	54.66967	23.85611	30.81356	31.67059	10
1688.33	1688.927	1020.927	97.35	71.94002	97.29049	97.61781	33.48975	12.36083	54.14943	34.10672	20.04271	31.58735	10
1688.335	1688.932	1020.932	104.52	81.85643	104.6727	103.8025	22.8493	21.53162	55.61908	39.01904	16.60004	31.05661	10
1688.34	1688.937	1020.937	106.03	102.1295	105.3393	104.1574	23.08997	17.11927	59.79075	43.82629	15.96446	31.43102	10
1688.345	1688.942	1020.942	102.29	79.20764	101.9871	101.1997	29.07209	15.35349	55.57442	39.23073	16.34368	31.51148	10
1688.35	1688.947	1020.947	102.94	78.57517	102.4998	100.0865	29.69136	14.84203	55.46662	38.02773	17.43888	31.87233	10

1688.355	1688.952	1020.952	104.45	73.71344	104.3431	104.4958	26.89553	18.68716	54.41731	33.25546	21.16185	31.0854	10
1688.36	1688.957	1020.957	107.42	80.54497	107.9445	108.5923	17.61722	28.92218	53.4606	37.65367	15.80693	30.26644	10
1688.365	1688.962	1020.962	110.37	60.93321	110.5571	111.5704	22.26399	28.67311	49.0629	32.72069	16.34221	29.94787	10
1688.37	1688.967	1020.967	114.09	48.38081	115.0379	116.2227	15.98318	45.26774	38.74908	16.79769	21.95138	28.15466	10
1688.375	1688.973	1020.973	113.87	53.7983	115.0223	117.0585	13.29028	48.0227	38.68702	29.46157	9.225454	27.90378	10
1688.38	1688.978	1020.978	114.49	56.80251	115.3601	116.1036	14.17968	45.70248	40.11784	18.12671	21.99113	28.28888	10
1688.385	1688.983	1020.983	114.83	70.90661	115.8121	117.7447	9.585494	49.18732	41.22719	22.69218	18.53501	28.07574	10
1688.39	1688.988	1020.988	114.8	65.71949	115.2276	115.3384	15.16606	40.55672	44.27722	19.25661	25.0206	28.91318	10
1688.395	1688.993	1020.993	115.76	60.17942	116.6976	119.3358	11.6706	50.25835	38.07105	33.26279	4.808258	27.51086	10
1688.4	1688.998	1020.998	115.96	69.65723	116.8664	119.9833	9.434884	50.9482	39.61691	32.9027	6.714218	27.56124	10
1688.405	1689.003	1021.003	116.55	85.18195	118.1915	120.5822	0	65.83001	34.16999	34.16999	0	-9999	10
1688.41	1689.008	1021.008	120.18	63.12111	121.2454	122.8273	5.902265	66.37043	27.72731	25.94119	1.786124	-9999	10
1688.415	1689.013	1021.013	120.58	60.75461	121.1781	123.8616	9.728268	58.34141	31.93032	19.97926	11.95107	26.19248	10
1688.42	1689.018	1021.018	120.54	59.5484	121.526	123.8376	7.050636	65.81363	27.13573	23.406	3.729738	-9999	10
1688.425	1689.024	1021.024	122.15	61.02749	122.914	122.9303	6.931983	66.98212	26.0859	13.84905	12.23685	-9999	10
1688.43	1689.029	1021.029	120.77	59.37153	121.5627	123.7791	8.380032	62.71957	28.90039	22.45324	6.44715	25.83618	10
1688.435	1689.034	1021.034	119.92	79.3894	121.4684	123.8232	0	76.07294	23.92706	23.92706	0	-9999	10
1688.44	1689.039	1021.039	124.38	56.19566	125.232	127.6734	5.367818	77.12621	17.50597	17.50597	0	-9999	10
1688.445	1689.044	1021.044	126.31	56.00086	126.5409	127.547	8.453007	69.15167	22.39533	17.15206	5.243272	24.40342	10
1688.45	1689.049	1021.049	125.86	45.46439	126.2882	126.8976	9.887812	71.78652	18.32567	1.720026	16.60564	23.99601	10
1688.455	1689.054	1021.054	125	52.43023	125.2955	126.4942	10.02139	65.81594	24.16266	12.77821	11.38445	24.84382	10
1688.46	1689.059	1021.059	124.07	62.53357	124.8228	127.8996	4.888028	73.95947	21.15251	14.95307	6.199436	-9999	10
1688.465	1689.064	1021.064	122.22	53.6353	122.7404	123.7648	10.54505	61.52489	27.93006	9.940264	17.98979	25.78188	10
1688.47	1689.069	1021.069	118.69	70.5277	119.5893	121.3557	6.768011	58.81109	34.4209	27.52339	6.897508	-9999	10
1688.475	1689.075	1021.075	119.92	47.58411	120.3071	120.7426	15.15823	51.44274	33.39903	23.71367	9.685361	27.05855	10
1688.48	1689.08	1021.08	121.06	44.38432	121.562	122.8898	13.99339	56.81868	29.18793	16.83923	12.34871	26.15551	10
1688.485	1689.085	1021.085	119.99	45.02329	120.474	121.329	14.96287	53.29924	31.73789	7.888897	23.84899	26.74562	10
1688.49	1689.09	1021.09	117.2	55.82149	117.9508	118.0786	12.84873	50.87208	36.27919	14.09942	22.17976	27.65159	10
1688.495	1689.095	1021.095	117.97	52.79582	118.7068	120.661	12.98072	52.58836	34.43092	18.28972	16.1412	27.01121	10
1688.5	1689.1	1021.1	117.24	52.99076	117.4636	119.3966	17.58216	42.07869	40.33915	32.08844	8.250708	28.05039	10
1688.505	1689.105	1021.105	117.21	53.76877	117.5454	121.0276	16.55515	43.88728	39.55757	22.59047	16.9671	27.60724	10
1688.51	1689.11	1021.11	117.01	49.84517	117.2175	117.9039	18.67998	41.0747	40.24532	13.27156	26.97376	28.36058	10
1688.515	1689.115	1021.115	116.34	47.431	116.5789	117.805	19.63774	39.89448	40.46777	13.6844	26.78338	28.4082	10
1688.52	1689.12	1021.12	114.41	53.22066	115.3273	116.1655	14.75429	45.95273	39.29298	16.04939	23.24359	28.20111	10
1688.525	1689.126	1021.126	115.87	37.86395	116.1721	118.6205	21.89544	39.17585	38.92872	18.91554	20.01318	28.21844	10
1688.53	1689.131	1021.131	114.86	44.41799	115.3194	117.7113	20.01948	39.71685	40.26368	26.1075	14.15618	28.30227	10
1688.535	1689.136	1021.136	112.72	42.87196	113.0659	115.1253	23.24214	33.58435	43.1735	18.51032	24.66318	29.10401	10
1688.54	1689.141	1021.141	115.02	36.92308	115.4638	116.4306	21.80687	39.33993	38.8532	23.0808	15.7724	28.53484	10
1688.545	1689.146	1021.146	114.02	40.54014	114.3991	117.2579	22.35312	36.48964	41.15723	16.04886	25.10837	28.57059	10
1688.55	1689.151	1021.151	112.98	35.32337	113.5307	115.2144	23.24192	36.31237	40.44571	24.3922	16.05351	28.85332	10
1688.555	1689.156	1021.156	109.13	28.48473	109.6577	111.3806	28.61724	28.25467	43.12809	15.06102	28.06707	29.91072	10
1688.56	1689.161	1021.161	104.2	36.38547	105.1453	107.8136	28.00439	24.92883	47.06678	28.62528	18.44149	30.20939	10
1688.565	1689.166	1021.166	101.53	43.22804	102.5871	104.7618	27.93844	22.4468	49.61476	34.41407	15.20069	30.56135	10
1688.57	1689.171	1021.171	101.96	43.96695	102.7919	103.8809	29.10962	21.32077	49.56962	27.03942	22.53019	30.84975	10
1688.575	1689.177	1021.177	101.06	53.27796	101.9948	103.3517	26.88712	21.56193	51.55095	35.71995	15.831	30.74629	10
1688.58	1689.182	1021.182	101.24	50.1191	101.9189	103.8197	29.46925	19.6523	50.87846	20.0725	30.80596	30.82172	10
1688.585	1689.187	1021.187	101.59	46.16008	102.315	104.5957	29.74774	20.16599	50.08626	19.744	30.34227	30.72876	10
1688.59	1689.192	1021.192	99.26	48.55255	99.93402	101.4917	31.70746	17.22613	51.0664	36.58091	14.4855	31.14168	10
1688.595	1689.197	1021.197	100.45	46.45596	101.3074	103.6238	29.69889	19.75767	50.54344	31.52135	19.02209	30.76995	10
1688.6	1689.202	1021.202	101.79	51.88181	102.6365	104.8283	27.23753	21.74534	51.01713	27.85421	23.16292	30.56828	10
1688.605	1689.207	1021.207	102.12	45.23384	102.6951	102.9372	30.64623	19.60312	49.75065	21.0384	28.71224	31.16435	10
1688.61	1689.212	1021.212	102.82	48.10109	103.4269	105.4447	29.06184	20.92809	50.01006	27.2883	22.72176	30.67594	10
1688.615	1689.217	1021.217	100.53	51.19327	100.7557	102.7269	33.3744	15.63597	50.98963	29.46556	21.52407	31.21892	10
1688.62	1689.222	1021.222	101.47	42.50702	101.7719	103.5836	34.0208	16.58718	49.39202	31.08567	18.30636	31.24759	10
1688.625	1689.228	1021.228	102.87	44.64327	103.1431	105.6162	32.43936	18.07602	49.48462	35.87146	13.61316	30.92473	10
1688.63	1689.233	1021.233	100.17	44.183	100.6509	102.5893	33.42462	16.58704	49.98834	33.76333	16.22501	31.19488	10
1688.635	1689.238	1021.238	101.27	44.48838	101.5567	98.7805	33.84372	16.39227	49.76401	21.76601	27.998	32.09246	10
1688.64	1689.243	1021.243	100.98	39.66515	101.0855	101.5979	36.6818	14.44989	48.86831	17.21309	31.65522	31.80908	10
1688.645	1689.248	1021.248	98.76	44.99101	99.23847	100.8832	34.5448	15.15523	50.29997	19.6706	30.62937	31.3974	10
1688.65	1689.253	1021.253	98.43	48.39483	98.86309	99.0871	34.37644	14.76332	50.86024	30.56874	20.29151	31.65686	10
1688.655	1689.258	1021.258	98.15	51.26704	99.07496	100.8652	30.12695	17.84639	52.02666	25.61878	26.40788	31.0141	10
1688.66	1689.263	1021.263	99.82	41.15967	100.1803	100.3904	35.413	15.17661	49.41039	27.59979	21.8106	31.72679	10
1688.665	1689.268	1021.268	98.3	39.84541	98.82248	100.3003	35.87223	14.63275	49.49502	17.16098	32.33404	31.5627	10
1688.67	1689.273	1021.273	98.51	39.01092	99.01794	99.22709	35.99364	14.69261	49.31375	28.03626	21.27749	31.80492	10
1688.675	1689.279	1021.279	100.45	40.02911	100.796	101.7588	35.21733	15.65211	49.13056	29.82583	19.30473	31.5485	10
1688.68	1689.284	1021.284	97.07	44.57525	97.54561	97.24836	36.22238	13.47978	50.29784	35.75028	14.54756	31.94892	10
1688.685	1689.289	1021.289	94.4	48.23552	94.7975	95.09195	38.39834	11.00746	50.5942	28.97317	21.62103	32.05913	10
1688.69	1689.294	1021.294	92.41	40.39408	92.83397	91.35739	41.92169	9.112225	48.96608	20.54793	28.41815	32.7903	10
1688.695	1689.299	1021.299	93.6	42.59286	93.90828	93.49724	41.19135	9.559738	49.24891	31.34987	17.89905	32.51097	10
1688.7	1689.304	1021.304	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1689.02	1689.63	1021.63	120.6859	76.72376	120.7506	126.1525	9.900483	49.35604	40.74348	34.63014	6.113336	26.84435	10
1689.025	1689.636	1021.636	121.0976	59.34176	121.8913	123.7703	8.07824	63.83928	28.08248	14.14126	13.94123	25.74153	10
1689.03	1689.641	1021.641	81.33628	30.38189	81.68522	81.66271	55.11394	2.115085	42.77098	26.15174	16.61924	34.12909	10

1689.035	1689.646	1021.646	72.8	32.68	72.47	72.04	67.67294	0	32.32706	5.970665	26.35639	33.7383	10
1689.04	1689.651	1021.651	73.76	26.64	73.59	73.27	67.01142	0	32.98858	19.75227	13.23631	33.87662	10
1689.045	1689.656	1021.656	75.36	32.91	75.33	75.83	62.93708	0	37.06292	16.58942	20.4735	34.3228	10
1689.05	1689.661	1021.661	76.84	32.16	76.96	77.06	60.59448	0.115819	39.2897	9.198081	30.09162	34.81308	10
1689.055	1689.666	1021.666	77.7	27.51	77.94	78.12	59.99858	0.333637	39.66778	9.958821	29.70896	34.82349	10
1689.06	1689.671	1021.671	78.14	28.45	78.41	79.2	59.1338	0.610537	40.25566	24.18277	16.07289	34.5563	10
1689.065	1689.676	1021.676	77.23	32.39	77.41	79.47	59.71502	0.380311	39.90467	24.88307	15.0216	34.30478	10
1689.07	1689.681	1021.681	79.1	34.05	79.35	79.22	57.0504	1.268954	41.68065	30.38809	11.29255	34.30301	10
1689.075	1689.687	1021.687	79.32	36.68	79.43	79.41	57.29654	1.181393	41.52207	20.1647	21.35737	34.28596	10
1689.08	1689.692	1021.692	81.76	34.96	82.24	83.39	52.60048	2.962954	44.43657	18.12632	26.31024	33.46554	10
1689.085	1689.697	1021.697	80.64	37.55	80.96	82.35	54.2441	2.246872	43.50903	18.45303	25.056	33.57732	10
1689.09	1689.702	1021.702	82.19	32.39	82.5	82.83	54.14432	2.491637	43.36404	15.07091	28.29313	33.91036	10
1689.095	1689.707	1021.707	83.75	34.06	84.04	85.14	52.45998	3.21674	44.32328	31.74704	12.57624	33.5438	10
1689.1	1689.712	1021.712	83.63	32.59	83.79	83.88	53.93362	2.669126	43.39725	29.44989	13.94736	33.977	10
1689.105	1689.717	1021.717	83.38	34.73	83.47	83.52	54.18824	2.499343	43.31242	28.40828	14.90414	33.98126	10
1689.11	1689.722	1021.722	82.82	45.37	82.98	84.2	51.58606	3.195622	45.21832	19.16516	26.05316	33.1791	10
1689.115	1689.727	1021.727	81.12	43.49	81.41	82.25	52.59752	2.754421	44.64806	15.9272	28.72086	33.35158	10
1689.12	1689.732	1021.732	80.12	42.82	79.98	79.13	57.01216	1.239684	41.74816	19.70494	22.04322	34.31834	10
1689.125	1689.738	1021.738	78.56	38.43	78.73	78.1	57.10724	1.19039	41.70237	24.50815	17.19422	34.29584	10
1689.13	1689.743	1021.743	78.76	34.53	79	78.92	57.32454	1.160012	41.51545	23.24771	18.26774	34.31437	10
1689.135	1689.748	1021.748	77.12	34.79	77.2	76.77	60.01042	0.289926	39.69965	28.68145	11.01821	34.76433	10
1689.14	1689.753	1021.753	75.04	34.1	75.23	75.09	61.2385	0	38.7615	20.00981	18.75169	34.66537	10
1689.145	1689.758	1021.758	73.81	32.87	74.04	74.39	62.35776	0	37.64224	13.57769	24.06455	34.2738	10
1689.15	1689.763	1021.763	73.59	31.35	73.66	73.72	64.168	0	35.832	24.46013	11.37187	34.07689	10
1689.155	1689.768	1021.768	73.19	33.9	73.25	73.1	63.9964	0	36.0036	17.16043	18.84317	34.07968	10
1689.16	1689.773	1021.773	71.95	33.4	72.06	72.25	64.8707	0	35.1293	9.808719	25.32058	33.80026	10
1689.165	1689.778	1021.778	73.46	35.69	73.7	75.03	61.91982	0	38.08018	16.69937	21.38081	34.09049	10
1689.17	1689.783	1021.783	73.71	29.72	73.88	74.74	63.67706	0	36.32294	25.44364	10.8793	34.01601	10
1689.175	1689.789	1021.789	73.52	30.14	73.8	74.41	62.89772	0	37.10228	6.694337	30.40794	34.13925	10
1689.18	1689.794	1021.794	74.55	30.11	74.78	75.65	62.34488	0	37.65512	15.50934	22.14578	34.2936	10
1689.185	1689.799	1021.799	77.34	29.9	77.47	77.98	60.6039	0.135845	39.26026	27.81919	11.44107	34.80905	10
1689.19	1689.804	1021.804	81.8	28.01	82.09	82.21	55.71808	1.979933	42.30199	29.24235	13.05963	34.25995	10
1689.195	1689.809	1021.809	85.36	48.07	85.96	86.96	45.18586	5.948485	48.86566	33.97325	14.89241	32.47259	10
1689.2	1689.814	1021.814	87.04	50.66	87.73	89.87	42.31598	7.392484	50.29154	28.74667	21.54487	31.97848	10
1689.205	1689.819	1021.819	89.64	46.22	90.14	90.55	42.47096	7.960646	49.56839	30.99777	18.57063	32.4106	10
1689.21	1689.824	1021.824	89.06	52.33	89.56	92.11	41.52594	8.006036	50.46802	31.82272	18.64531	31.84879	10
1689.215	1689.829	1021.829	88.53	41.6	88.81	90.43	46.3152	6.094334	47.59047	25.92205	21.66841	32.65595	10
1689.22	1689.834	1021.834	87.77	42.71	87.98	89.2	47.28828	5.486527	47.22519	32.23747	14.98772	32.8195	10
1689.225	1689.84	1021.84	88.51	42.09	88.58	90.56	47.84252	5.303664	46.85382	14.74948	32.10433	32.78412	10
1689.23	1689.845	1021.845	88.13	43.29	88.43	89.67	46.11922	6.061284	47.8195	30.6168	17.2027	32.67158	10
1689.235	1689.85	1021.85	88.84	37.95	89.22	90.85	46.1383	6.420643	47.44106	32.64855	14.7925	32.67838	10
1689.24	1689.855	1021.855	86.86	45.69	87.43	87.58	44.61432	6.5124	48.87328	33.90561	14.96767	32.6362	10
1689.245	1689.86	1021.86	83.37	61.05	83.25	86.55	49.4555	3.649473	46.89503	18.39535	28.49968	32.28198	10
1689.25	1689.865	1021.865	83.67	63.16	84.39	87.2	42.15888	6.473172	51.36795	35.2094	16.15855	31.58975	10
1689.255	1689.87	1021.87	80.33	141.6	80.04	77.55	34.0767	7.596276	58.32702	39.54561	18.78141	30.74464	10
1689.26	1689.875	1021.875	77.8	188.67	75.31	68.04	42.06336	5.446258	52.49038	31.84132	20.64906	30.7829	9
1689.265	1689.88	1021.88	63.93	120.51	63.18	59.92	57.83348	2.290939	39.87558	29.75259	10.12299	32.10272	9
1689.27	1689.885	1021.885	63.13	167.59	61.67	56.83	52.67862	4.659929	42.66145	15.97658	26.68487	30.46459	9
1689.275	1689.891	1021.891	68.69	193.43	67.16	64.04	41.85264	6.743541	51.40382	20.99376	30.41005	29.13	9
1689.28	1689.896	1021.896	68.9	110.61	67.28	61.04	62.39938	1.051324	36.5493	28.11887	8.430422	34.01575	9
1689.285	1689.901	1021.901	66.6	79.21	64.8	60.72	73.50918	0	26.49082	14.75239	11.73843	34.61376	9
1689.29	1689.906	1021.906	65.72	88.51	63.98	59.65	71.60318	0	28.39682	20.50545	7.891374	34.77578	9
1689.295	1689.911	1021.911	68.74	93.98	67.47	64.65	63.85854	0.380875	35.76059	27.04335	8.717236	34.04943	9
1689.3	1689.916	1021.916	66.32	60.92	65.19	62.61	73.00046	0	26.99954	11.94392	15.05562	34.00451	9
1689.305	1689.921	1021.921	68.67	45.15	67.88	65.86	72.0198	0	27.9802	17.97773	10.00247	33.7205	9
1689.31	1689.926	1021.926	75.18	86.14	73	70.41	66.88352	0	33.11648	8.960415	24.15607	33.91777	9
1689.315	1689.931	1021.931	79.1	154.43	75.89	72.57	54.73344	1.686863	43.5797	26.94792	16.63178	32.15869	9
1689.32	1689.936	1021.936	82.15	245.81	78.14	71.65	36.01348	5.869742	58.11678	30.80059	27.31619	29.71824	9
1689.325	1689.942	1021.942	82.25	269.24	77.57	72.35	35.44392	5.925476	58.6306	30.82602	27.80458	29.02796	9
1689.33	1689.947	1021.947	75.4	137.39	74.13	71.26	47.22612	4.116054	48.65783	19.79432	28.86351	31.23446	9
1689.335	1689.952	1021.952	74.19	97.23	73.92	72.53	50.30804	3.04205	46.64991	33.59726	13.05265	32.05341	9
1689.34	1689.957	1021.957	70.79	157.47	68.51	64.31	54.43546	3.424765	42.13978	29.43378	12.706	31.42838	9
1689.345	1689.962	1021.962	74.6	149.88	73.26	67.65	45.48204	4.722227	49.79573	21.53056	28.26517	31.26544	9
1689.35	1689.967	1021.967	69.94	120.21	67.9	66.68	62.37438	1.203088	36.42253	9.553426	26.86911	32.93423	9
1689.355	1689.972	1021.972	108.7368	268.2912	101.0047	93.65623	34.95968	0	65.04032	36.54009	28.50023	-9999	9
1689.36	1689.977	1021.977	105.9697	101.8853	103.4067	101.9726	37.71521	1.194135	61.09066	31.96933	29.12133	33.1845	9
1689.365	1689.982	1021.982	97.42824	55.68292	96.53317	95.11598	43.82754	6.436795	49.73567	20.92992	28.80575	33.11859	9
1689.37	1689.987	1021.987	103.6644	103.751	101.7447	98.57033	34.3988	5.773702	59.8275	28.85485	30.97265	32.77859	9
1689.375	1689.993	1021.993	104.0219	80.67745	103.3689	103.0044	29.83655	14.23395	55.9295	33.62045	22.30905	31.54491	9
1689.38	1689.998	1021.998	109.2575	108.358	107.3611	99.89782	27.95761	8.498602	63.54379	27.60412	35.93966	33.40253	10
1689.385	1690.003	1022.003	101.4741	46.06001	100.9444	100.8687	39.60244	10.76702	49.63054	32.72099	16.90955	32.3729	10
1689.39	1690.008	1022.008	91.92882	69.14528	90.69665	88.11496	48.24166	3.323972	48.43437	14.71549	33.71887	33.58393	10
1689.395	1690.013	1022.013	88.51573	107.7458	88.19649	86.00537	34.96513	8.254469	56.7804	23.128	33.65241	31.63695	10

1689.4	1690.018	1022.018	91.60139	105.5666	91.33737	91.86542	32.22577	9.849272	57.92495	34.18652	23.73844	31.16439	10
1689.405	1690.023	1022.023	95.57004	84.49188	95.94144	96.20885	28.75014	14.25851	56.99135	30.12928	26.86206	31.26132	10
1689.41	1690.028	1022.028	95.80971	79.98824	96.32953	101.1118	28.46933	14.99248	56.53819	30.7592	25.77898	30.42331	10
1689.415	1690.033	1022.033	99.51143	66.50528	100.563	105.5055	24.20531	21.3364	54.45829	38.45819	16.0001	30.09183	10
1689.42	1690.038	1022.038	102.7706	74.36783	104.4705	109.9043	14.27951	31.69906	54.02142	33.72998	20.29145	29.57075	10
1689.425	1690.044	1022.044	107.9973	43.82257	108.3527	109.1098	27.28305	25.60953	47.10741	20.17141	26.936	30.34835	10
1689.43	1690.049	1022.049	111.1356	43.87158	112.0266	116.2782	20.23335	37.38865	42.37799	14.92502	27.45298	28.45255	10
1689.435	1690.054	1022.054	112.9144	43.82062	112.8986	114.5342	25.63608	29.28899	45.07493	18.17304	26.90189	29.61757	10
1689.44	1690.059	1022.059	114.4707	33.7021	114.5023	115.5776	26.28595	32.04954	41.66451	18.22518	23.43933	29.33339	10
1689.445	1690.064	1022.064	114.0105	32.53011	114.0579	114.4683	26.87101	31.32756	41.80143	10.55724	31.24419	29.56577	10
1689.45	1690.069	1022.069	116.3974	32.88626	116.4611	116.7476	24.4624	36.31143	39.22617	18.33787	20.8883	28.86639	10
1689.455	1690.074	1022.074	120.6355	33.25174	120.8941	122.4133	18.96433	50.02695	31.00872	6.311426	24.69729	26.71214	10
1689.46	1690.079	1022.079	119.9729	34.97143	120.3115	121.666	18.53746	49.8276	31.63494	9.217757	22.41718	26.85959	10
1689.465	1690.084	1022.084	116.6616	37.15383	116.7253	118.9087	23.18608	37.16024	39.65368	25.48981	14.16387	28.41605	10
1689.47	1690.089	1022.089	117.5839	38.02255	117.5519	118.3672	22.86917	37.65981	39.47103	20.21646	19.25457	28.54955	10
1689.475	1690.095	1022.095	118.8024	40.0418	118.7061	118.4812	21.7584	39.38402	38.85758	27.79612	11.06146	28.46444	10
1689.48	1690.1	1022.1	118.9704	38.16794	118.6489	119.806	23.80157	35.71703	40.48139	27.07912	13.40227	28.61158	10
1689.485	1690.105	1022.105	117.928	39.31827	117.896	118.3604	22.23937	38.49438	39.26624	19.80404	19.4622	28.50145	10
1689.49	1690.11	1022.11	117.3139	36.45333	117.282	117.937	23.49713	36.97643	39.52644	22.45497	17.07147	28.66923	10
1689.495	1690.115	1022.115	117.75	32.13911	117.878	118.9661	22.90028	40.27568	36.82404	26.04503	10.77901	28.15903	10
1689.5	1690.12	1022.12	115.0534	31.20013	115.0058	116.8283	26.9689	31.85309	41.17801	26.37076	14.80725	29.18894	10
1689.505	1690.125	1022.125	114.5575	29.73479	114.7315	115.4592	26.0626	33.96502	39.97238	11.38972	28.58266	29.16951	10
1689.51	1690.13	1022.13	114.9334	31.05073	115.1235	115.5829	25.27372	35.04515	39.68113	23.11664	16.56449	29.07207	10
1689.515	1690.135	1022.135	116.3778	31.39775	116.2822	115.9956	26.07469	33.71159	40.21371	15.80673	24.40699	29.27756	10
1689.52	1690.14	1022.14	116.5819	32.6905	116.8369	117.2831	22.85734	39.69832	37.44434	19.37261	18.07173	28.43856	10
1689.525	1690.146	1022.146	116.3037	23.99549	116.5106	116.6221	25.58988	37.73476	36.67536	17.82521	18.85015	28.72189	10
1689.53	1690.151	1022.151	115.6776	17.19002	115.8206	115.6935	28.30872	34.9528	36.73847	8.726325	28.01215	29.15782	10
1689.535	1690.156	1022.156	117.3318	25.78171	117.4277	117.1401	25.07274	38.36845	36.55881	9.040662	27.51815	28.64668	10
1689.54	1690.161	1022.161	119.9406	33.60998	120.0374	119.1505	20.77118	45.13171	34.09711	14.22879	19.86832	27.78313	10
1689.545	1690.166	1022.166	120.2246	37.79104	120.2407	122.1777	20.12287	44.62737	35.24977	6.151973	29.09779	27.32871	10
1689.55	1690.171	1022.171	122.8315	41.45294	123.0269	121.5771	15.44842	55.69262	28.85896	8.435893	20.42307	26.48298	10
1689.555	1690.176	1022.176	120.7547	40.70327	120.787	119.299	18.80479	46.48105	34.71416	24.10826	10.6059	27.73183	10
1689.56	1690.181	1022.181	124.6928	41.89511	124.742	125.1684	14.76269	58.21563	27.02168	15.35975	11.66192	25.60794	10
1689.565	1690.186	1022.186	127.3666	44.24459	127.7473	129.0054	9.164828	76.4101	14.42508	13.34128	1.083792	23.04506	10
1689.57	1690.191	1022.191	126.8491	43.4188	126.9317	125.7919	12.15136	66.40846	21.44019	16.25279	5.187397	24.67032	10
1689.575	1690.197	1022.197	127.9798	46.76517	128.3779	129.5225	7.855996	79.60446	12.53954	4.979488	7.560054	-9999	10
1689.58	1690.202	1022.202	128.3098	43.07497	128.5423	128.2268	9.729141	76.0393	14.23156	0	14.23156	23.15537	10
1689.585	1690.207	1022.207	127.2765	40.42254	127.7565	127.4586	9.403986	78.48624	12.10977	9.361151	2.748622	23.01925	10
1689.59	1690.212	1022.212	126.439	41.37821	126.8514	125.5647	10.46659	73.35133	16.18208	8.993335	7.188743	23.95366	10
1689.595	1690.217	1022.217	127.2823	36.88826	127.7125	129.3999	10.63986	76.91434	12.4458	1.672692	10.77311	22.73271	10
1689.6	1690.222	1022.222	127.6259	38.90526	127.6094	127.245	13.29743	66.24181	20.46076	13.02081	7.439952	24.31325	10
1689.605	1690.227	1022.227	127.8195	38.39021	128.0515	128.4825	11.31715	73.74678	14.93607	0	14.93607	23.2537	10
1689.61	1690.232	1022.232	129.53	46.43972	130.1137	131.4312	5.070331	92.06015	2.869514	0	2.869514	-9999	10
1689.615	1690.237	1022.237	127.9798	42.56926	128.2617	130.0862	9.771618	76.06072	14.16766	1.45891	12.70875	22.81021	10
1689.62	1690.242	1022.242	127.4231	40.25309	127.9529	128.5324	8.923336	80.4647	10.61197	0	10.61197	22.60532	10
1689.625	1690.248	1022.248	126.8061	39.58871	126.8887	126.8887	13.1178	65.9964	20.8858	5.834782	15.05102	24.429	10
1689.63	1690.253	1022.253	123.8391	40.06406	124.1661	125.3924	13.83823	61.73497	24.4268	15.42663	9.000165	25.16458	10
1689.635	1690.258	1022.258	123.5417	39.76803	123.8193	125.7136	14.56625	59.61726	25.8165	6.977856	18.83864	25.30947	10
1689.64	1690.263	1022.263	122.9715	39.12155	123.379	125.5955	14.24099	60.58622	25.17279	10.19284	14.97994	25.21787	10
1689.645	1690.268	1022.268	121.5911	38.09303	122.0777	123.4238	15.14685	57.74059	27.11256	5.002027	22.11053	25.85986	10
1689.65	1690.273	1022.273	119.4666	34.82609	120.0299	120.8831	17.29672	52.57571	30.12758	16.9908	13.13678	26.71703	10
1689.655	1690.278	1022.278	117.2558	35.42436	117.4954	118.0225	21.6951	41.19015	37.11475	14.88072	22.23403	28.2193	10
1689.66	1690.283	1022.283	116.1914	34.05611	116.4778	117.5437	22.6429	39.3978	37.9593	22.38601	15.57328	28.39339	10
1689.665	1690.288	1022.288	113.336	36.73116	113.7612	114.1864	23.54676	35.45314	41.00011	22.13162	18.86849	29.14585	10
1689.67	1690.293	1022.293	110.4435	34.86775	110.8177	111.488	27.05452	29.21195	43.73353	15.72835	28.00518	29.91597	10
1689.675	1690.299	1022.299	101.8805	33.49808	102.4248	103.1657	33.94486	18.28214	47.773	30.53361	17.23939	31.33828	10
1689.68	1690.304	1022.304	96.00401	33.11453	95.9448	97.14374	44.12145	8.732679	47.14587	21.87332	25.27255	32.66245	10
1689.685	1690.309	1022.309	94.28472	27.89508	94.46131	94.97636	45.13887	8.39675	46.46438	33.72773	12.73665	32.92527	10
1689.69	1690.314	1022.314	90.50452	28.48226	90.64972	90.5626	48.71782	5.80271	45.47947	20.41098	25.06849	33.48435	10
1689.695	1690.319	1022.319	89.60342	51.18396	90.77575	93.58354	36.0928	11.11203	52.79517	20.19485	32.60032	31.3713	10
1689.7	1690.324	1022.324	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1690	1690.63	1022.63	62.17	107.06	62.34	62.61	55.57758	2.133251	42.28917	27.50837	14.7808	31.36556	-9999
1690.005	1690.635	1022.635	66.85	58.66	67.13	67.96	62.13228	0	37.86772	19.58173	18.28599	33.47584	-9999
1690.01	1690.64	1022.64	69.42	60.64	69.75	70.79	58.90122	0.50911	40.58967	12.51202	28.07765	33.30329	-9999
1690.015	1690.645	1022.645	63.15	88.23	61.74	60.61	71.47784	0	28.52216	23.44045	5.081709	34.1817	-9999
1690.02	1690.65	1022.65	53.24	79.17	50.92	48.61	89.84006	0	10.15994	7.18744	2.9725	36.89579	-9999
1690.025	1690.656	1022.656	57.29	100.85	54.51	51.26	84.4325	0	15.5675	11.00927	4.558233	36.65508	-9999
1690.03	1690.661	1022.661	55.17	110.1	52.26	49.11	85.1519	0	14.8481	14.8481	0	37.1745	-9999
1690.035	1690.666	1022.666	61.78	141.31	57.9	54.39	79.03538	0.66281	20.30181	20.30181	0	35.9503	-9999
1690.04	1690.671	1022.671	67.68	116.93	65.02	59.55	70.05234	0.119157	29.8285	12.458	17.3705	35.1807	10
1690.045	1690.676	1022.676	74.6	84.83	73.2	70.39	61.68914	0.224168	38.08669	18.64457	19.44212	34.28903	10
1690.05	1690.681	1022.681	82.96	57.83	82.12	81.43	56.19194	1.236684	42.57138	20.86371	21.70766	34.04382	10
1690.055	1690.686	1022.686	84.39	86.54	84.04	83.53	44.13102	5.054478	50.8145	31.03089	19.78361	32.04389	10

1690.06	1690.691	1022.691	82.65	144.98	79.57	77.34	52.74684	1.223634	46.02953	14.52677	31.50275	32.23205	10
1690.065	1690.696	1022.696	82.6	166.5	78.75	76.39	53.5525	0.829541	45.61796	22.05781	23.56015	31.96019	10
1690.07	1690.701	1022.701	76.89	116.02	75.1	73.82	55.05686	1.860056	43.08308	18.44008	24.643	32.41885	10
1690.075	1690.707	1022.707	76.96	107.63	74.76	73.28	60.20034	0.502025	39.29763	19.52236	19.77527	33.47084	10
1690.08	1690.712	1022.712	74.09	65.46	73.04	72.14	64.13338	0	35.86662	15.57421	20.29241	34.0623	10
1690.085	1690.717	1022.717	73.93	51.58	73.18	71.92	65.31454	0	34.68546	11.1687	23.51676	34.07076	10
1690.09	1690.722	1022.722	76.67	44.95	76	75.22	63.7782	0	36.2218	21.29148	14.93032	34.31612	10
1690.095	1690.727	1022.727	73.29	36.3	73.02	72.83	65.8811	0	34.1189	11.44641	22.67249	33.86654	10
1690.1	1690.732	1022.732	74.43	41.48	73.71	73.21	67.06624	0	32.93376	8.906667	24.02709	33.82136	10
1690.105	1690.737	1022.737	103.3341	73.27068	101.5818	99.7615	40.7818	4.834193	54.38401	27.07101	27.313	33.17194	10
1690.11	1690.742	1022.742	126.443	90.26139	124.5619	123.8194	16.40734	20.13825	63.45442	36.75652	26.6979	30.80079	10
1690.115	1690.747	1022.747	125.7341	61.31291	124.3678	122.8369	20.07582	29.1232	50.80098	23.75368	27.0473	29.54452	10
1690.12	1690.752	1022.752	125.3314	50.8471	124.5423	121.912	18.50549	40.9818	40.51271	15.00767	25.50504	28.2243	10
1690.125	1690.758	1022.758	121.5949	34.69002	121.4651	121.9031	20.74344	45.05145	34.20511	10.45502	23.75009	27.38619	10
1690.13	1690.763	1022.763	116.8557	35.48476	117.1747	118.1635	21.43341	41.54097	37.02561	10.89968	26.12594	28.12615	10
1690.135	1690.768	1022.768	116.99	33.63064	116.7346	117.2294	26.20995	32.56878	41.22127	15.83981	25.38146	29.22951	10
1690.14	1690.773	1022.773	116.16	33.94783	116.3828	117.64	23.1907	38.33572	38.47358	15.3698	23.10378	28.47259	10
1690.145	1690.778	1022.778	117.1019	33.91481	117.4053	118.6827	21.7077	41.76523	36.52707	23.35531	13.17177	28.0167	10
1690.15	1690.783	1022.783	113.423	29.95868	113.3285	114.7309	29.13354	28.19007	42.67639	19.3611	23.31528	29.79172	10
1690.155	1690.788	1022.788	112.9572	29.34836	113.0516	112.7684	28.24553	29.82243	41.93204	15.85529	26.07675	29.9249	10
1690.16	1690.793	1022.793	110.6836	27.77004	110.98	111.0268	29.1536	28.23532	42.61108	19.91232	22.69876	30.15444	10
1690.165	1690.798	1022.798	107.8318	30.98393	108.048	107.7391	31.62095	23.06751	45.31154	19.74874	25.5628	30.90648	10
1690.17	1690.803	1022.803	106.1207	27.55298	106.2589	106.9189	34.63041	19.73141	45.63818	19.16697	26.47121	31.22242	10
1690.175	1690.809	1022.809	104.9706	25.33297	105.1999	105.6585	35.51947	18.93908	45.54145	18.18991	27.35153	31.40546	10
1690.18	1690.814	1022.814	78.19291	19.40232	78.17	77.74616	63.54472	0	36.45528	19.13965	17.31564	34.89574	10
1690.185	1690.819	1022.819	68.06	19.01	68.14	68.45	72.16438	0	27.83562	7.011565	20.82406	32.98703	10
1690.19	1690.824	1022.824	67.53	18.3	67.61	67.88	72.8238	0	27.1762	15.24189	11.93431	32.94066	10
1690.195	1690.829	1022.829	67.25	15.5	67.46	68.17	72.7515	0	27.2485	18.30224	8.946263	32.79957	10
1690.2	1690.834	1022.834	66.97	15.93	66.94	67.08	74.76504	0	25.23496	5.137227	20.09773	32.92764	10
1690.205	1690.839	1022.839	69.28	19.15	69.17	68.82	72.4806	0	27.5194	7.00749	20.51191	33.21739	10
1690.21	1690.844	1022.844	71.17	24.71	71.31	71.77	67.45878	0	32.54122	8.67198	23.86924	33.45426	10
1690.215	1690.849	1022.849	71.92	24.84	71.95	71.62	67.58982	0	32.41018	22.83891	9.57127	33.66529	10
1690.22	1690.854	1022.854	73.7	38.53	73.87	74.66	61.55424	0	38.44576	8.987557	29.4582	34.23805	10
1690.225	1690.86	1022.86	74.46	64.93	73.7	79.7	61.67374	0.015452	38.31081	20.96114	17.34967	33.08409	10
1690.23	1690.865	1022.865	74.67	66.45	72.91	74.3	68.8627	0	31.1373	12.90653	18.23077	33.14853	10
1690.235	1690.87	1022.87	74.89	79.98	72.69	71.27	68.79604	0	31.20396	17.32774	13.87622	33.59192	10
1690.24	1690.875	1022.875	75.45	74.5	74.17	70.98	62.477	0	37.523	22.07245	15.45055	34.60109	10
1690.245	1690.88	1022.88	76.02	64.07	75.25	73.2	60.52416	0.232327	39.24351	11.70552	27.53799	34.48146	10
1690.25	1690.885	1022.885	75.5	52.15	74.78	73.24	63.4997	0	36.5003	12.29012	24.21018	34.3763	10
1690.255	1690.89	1022.89	75.66	42.23	75.55	76.16	61.02564	0	38.97436	17.60864	21.36572	34.5049	10
1690.26	1690.895	1022.895	76.63	45.57	76.78	76.98	57.30996	1.022851	41.66719	26.61688	15.05031	33.92793	10
1690.265	1690.9	1022.9	79.06	53.45	78.77	79.8	56.5774	1.274641	42.14796	27.6269	14.52106	33.63267	10
1690.27	1690.905	1022.905	80.17	60.62	79.49	78.7	56.84356	1.119909	42.03653	23.27052	18.76601	33.94434	10
1690.275	1690.911	1022.911	78.53	86.19	77.16	74.37	57.51192	0.923583	41.5645	27.09538	14.46911	33.8184	10
1690.28	1690.916	1022.916	79.4	47.49	79.01	77.37	58.48192	0.730399	40.78768	24.6556	16.13208	34.58219	10
1690.285	1690.921	1022.921	79.27	54.81	78.53	76.77	59.54258	0.366569	40.09085	17.24277	22.84808	34.6483	10
1690.29	1690.926	1022.926	78.08	65.01	77.53	77.8	56.69648	1.204327	42.09919	27.17955	14.91964	33.5097	10
1690.295	1690.931	1022.931	79.25	70.31	78.16	77.33	58.52248	0.601088	40.87643	19.43233	21.44411	33.99372	10
1690.3	1690.936	1022.936	80.86	81.06	78.92	77.92	61.02728	0	38.97272	20.87842	18.0943	33.83615	10
1690.305	1690.941	1022.941	81.64	101.7	79.37	76.27	57.8723	0.257596	41.8701	10.23969	31.63041	33.8958	10
1690.31	1690.946	1022.946	80.34	82.64	78.71	78.39	58.72082	0.363278	40.9159	22.26048	18.65542	33.77943	10
1690.315	1690.951	1022.951	80.05	91.8	79.63	82.14	47.3934	3.829972	48.77663	23.22756	25.54907	31.47541	10
1690.32	1690.956	1022.956	79.1	54.67	78.94	78.23	55.23786	1.676304	43.08584	19.48742	23.59841	33.71946	10
1690.325	1690.962	1022.962	77.13	38.99	77.08	77.72	59.99232	0.293949	39.71373	18.9544	20.75933	34.46959	10
1690.33	1690.967	1022.967	74.67	30.87	74.37	74.11	66.15806	0	33.84194	12.76659	21.07535	33.97769	10
1690.335	1690.972	1022.972	74.52	21.74	74.26	74	68.19552	0	31.80448	18.31965	13.48483	33.82735	10
1690.34	1690.977	1022.977	73.74	24.25	73.55	74.08	67.7632	0	32.2368	6.541753	25.69505	33.64851	10
1690.345	1690.982	1022.982	72.95	26.74	72.78	72.57	67.73242	0	32.26758	19.91479	12.35279	33.71385	10
1690.35	1690.987	1022.987	71.02	29.91	70.26	69.28	73.31338	0	26.68662	5.02631	21.66031	33.47501	10
1690.355	1690.992	1022.992	70.91	29.29	70.57	70.02	70.30962	0	29.69038	10.02232	19.66806	33.47104	10
1690.36	1690.997	1022.997	72.05	30.5	71.83	71.35	68.038	0	31.962	14.59988	17.36212	33.66193	10
1690.365	1691.002	1023.002	70.94	24.36	70.88	69.8	69.30508	0	30.69492	9.125924	21.569	33.60526	10
1690.37	1691.007	1023.007	91.6989	38.36671	91.33579	90.16864	49.16639	4.926908	45.90671	14.56611	31.3406	33.7034	10
1690.375	1691.013	1023.013	109.3389	44.01132	108.8885	106.9316	32.24805	19.01313	48.73881	25.33094	23.40787	31.58243	10
1690.38	1691.018	1023.018	104.9059	34.69061	104.4626	102.7814	38.52645	13.66531	47.80824	32.702	15.10624	32.43852	10
1690.385	1691.023	1023.023	101.8351	22.39542	101.3363	100.1875	44.75787	9.679538	45.56259	21.48638	24.07621	33.29364	10
1690.39	1691.028	1023.028	99.43974	29.36113	99.55956	99.20009	40.48141	12.3842	47.13439	32.68118	14.45322	32.43803	10
1690.395	1691.033	1023.033	97.83385	39.71878	97.46146	97.81896	43.26692	8.673517	48.05956	19.8449	28.21466	32.72035	10
1690.4	1691.038	1023.038	96.46895	35.71555	96.63203	98.15905	41.34153	10.5217	48.13676	23.81216	24.3246	32.20684	10
1690.405	1691.043	1023.043	95.27382	39.45976	95.28859	95.33288	42.6844	9.038644	48.27696	26.67667	21.60028	32.63664	10
1690.41	1691.048	1023.048	95.35861	37.47137	95.09278	95.18139	45.26218	7.459403	47.27842	33.56792	13.7105	33.00429	10
1690.415	1691.053	1023.053	95.46432	36.61398	95.27227	95.73024	44.80064	7.866097	47.33326	19.88636	27.4469	32.87251	10
1690.42	1691.058	1023.058	96.52966	42.93907	95.93637	97.15263	45.39952	6.772577	47.82791	24.06709	23.76082	32.84327	10

1690.425	1691.064	1023.064	93.9212	42.78889	93.25978	92.03984	48.36357	4.978671	46.65776	29.94757	16.71019	33.65123	10
1690.43	1691.069	1023.069	76.32612	37.88779	75.72936	75.29969	65.23604	0	34.76396	11.80247	22.96149	34.12346	10
1690.435	1691.074	1023.074	63.54	32.51	63.28	63	75.69078	0	24.30922	13.38395	10.92527	33.05914	10
1690.44	1691.079	1023.079	64.92	54.57	64.18	64.39	72.80266	0	27.19734	21.25345	5.94389	33.31806	10
1690.445	1691.084	1023.084	63.87	50.99	63.86	63.76	68.97752	0	31.02248	21.0009	10.02158	33.11198	10
1690.45	1691.089	1023.089	63.79	32.71	63.78	63.96	73.47488	0	26.52512	20.22982	6.295305	32.85934	10
1690.455	1691.094	1023.094	63.44	43.87	63.82	64.09	68.07366	0	31.92634	18.84142	13.08492	32.84452	10
1690.46	1691.099	1023.099	64.73	54.16	65.33	66.19	62.69168	0	37.30832	25.45022	11.8581	33.1266	10
1690.465	1691.104	1023.104	65.38	53.92	66.07	66.83	61.45426	0	38.54574	23.90087	14.64487	33.27902	10
1690.47	1691.109	1023.109	65.69	95.43	67.67	69.8	41.12614	4.248703	54.62516	24.96002	29.66514	30.3312	10
1690.475	1691.115	1023.115	68.35	148.07	71.26	75.75	18.73256	10.09903	71.16841	44.50188	26.66653	29.6145	10
1690.48	1691.12	1023.12	70.62	173.46	72.26	79.24	20.34228	10.55549	69.10223	53.60159	15.50064	28.48753	10
1690.485	1691.125	1023.125	70.82	220.95	72.21	78.63	10.6032	13.40282	75.99398	53.4858	22.50818	28.82622	10
1690.49	1691.13	1023.13	70.37	207.91	72.71	76.19	6.81038	13.99313	79.19649	78.40842	0.788073	-9999	10
1690.495	1691.135	1023.135	68.26	140.18	70.61	72.09	25.06474	8.640103	66.29516	41.94741	24.34774	29.77152	10
1690.5	1691.14	1023.14	65.4	113.17	66.26	68.06	45.77986	3.910226	50.30991	18.88157	31.42834	30.17586	10
1690.505	1691.145	1023.145	63.66	87.31	63.8	65.04	59.21878	0.991476	39.78974	12.84076	26.94898	32.30162	10
1690.51	1691.15	1023.15	59.43	83.56	59.79	60.61	62.31288	0.347372	37.33975	17.94704	19.39271	32.70543	10
1690.515	1691.155	1023.155	57.06	65.19	56.55	56.35	75.68132	0	24.31868	10.35453	13.96415	33.4928	10
1690.52	1691.16	1023.16	52.83	50.54	52.39	51.37	82.57572	0	17.42428	5.443571	11.98071	33.92394	10
1690.525	1691.166	1023.166	51.7	52.77	51.04	50.08	84.78066	0	15.21934	8.72052	6.49882	34.37174	10
1690.53	1691.171	1023.171	46.4	50.14	45.18	43.49	94.63312	0	5.36688	5.36688	0	36.64589	1
1690.535	1691.176	1023.176	48.5	36.33	47.94	46.96	90.92814	0	9.07186	8.887199	0.184661	34.96789	1
1690.54	1691.181	1023.181	51.21	38.67	50.47	49.73	89.26366	0	10.73634	5.776831	4.959509	34.76499	1
1690.545	1691.186	1023.186	51.25	30.14	51.06	50.91	87.02862	0	12.97138	8.899671	4.071709	33.78693	1
1690.55	1691.191	1023.191	53.43	20.53	53.82	55.11	82.85364	0	17.14636	13.21961	3.926747	32.47939	1
1690.555	1691.196	1023.196	55.84	23.73	55.88	54.38	82.57454	0	17.42546	15.96361	1.46185	33.2784	1
1690.56	1691.201	1023.201	56.43	18.66	56.75	57.79	81.08868	0	18.91132	9.476567	9.434753	32.45166	1
1690.565	1691.206	1023.206	55.76	26.39	54.95	54	88.59192	0	11.40808	11.04838	0.359701	34.43995	1
1690.57	1691.211	1023.211	57.05	35.58	56.16	54.26	85.80114	0	14.19886	4.827444	9.371416	34.41845	1
1690.575	1691.217	1023.217	56.66	20.29	56.61	56.73	83.35012	0	16.64988	14.77434	1.875538	33.06841	1
1690.58	1691.222	1023.222	56.4	22.04	56.21	56.17	84.25082	0	15.74918	15.74918	0	33.29467	1
1690.585	1691.227	1023.227	57.54	25.24	57.21	57.02	83.51262	0	16.48738	11.26955	5.217833	33.37994	1
1690.59	1691.232	1023.232	58.92	33.22	58.99	58.02	77.21186	0	22.78814	9.466295	13.32185	32.97224	1
1690.595	1691.237	1023.237	59.89	54.24	59.19	57.17	77.20012	0	22.79988	8.866933	13.93295	33.83554	1
1690.6	1691.242	1023.242	60.25	46.16	58.9	57.43	83.86178	0	16.13822	16.13822	0	34.43492	1
1690.605	1691.247	1023.247	58.77	54.38	56.43	54.36	90.90664	0	9.09336	9.09336	0	36.16713	1
1690.61	1691.252	1023.252	57.7	36.62	56.81	56.71	84.95146	0	15.04854	9.066392	5.982148	33.99075	1
1690.615	1691.257	1023.257	56.23	17.11	55.98	56.61	86.06528	0	13.93472	6.317087	7.617633	33.33613	1
1690.62	1691.262	1023.262	57.04	31.83	56.95	57.08	80.51784	0	19.48216	9.06921	10.41295	33.0098	1
1690.625	1691.268	1023.268	56.28	19.55	56.2	56.78	84.1113	0	15.8887	15.8887	0	33.06245	1
1690.63	1691.273	1023.273	59.7	21.55	59.35	58.02	82.5734	0	17.4266	10.95865	6.467953	33.47938	1
1690.635	1691.278	1023.278	59.77	18.24	59.51	58.67	82.61252	0	17.38748	17.38748	0	33.30673	1
1690.64	1691.283	1023.283	61.05	33.14	61	60	76.20162	0	23.79838	22.7934	1.004978	33.05283	1
1690.645	1691.288	1023.288	57.41	17.04	57	56.26	86.23662	0	13.76338	13.76338	0	33.70322	1
1690.65	1691.293	1023.293	54.16	14.69	53.94	53.79	88.32282	0	11.67718	6.686437	4.990743	33.71252	1
1690.655	1691.298	1023.298	58.77	14.84	58.65	58.95	83.27032	0	16.72968	10.26173	6.467946	33.02361	1
1690.66	1691.303	1023.303	60.78	15.74	60.66	60.35	81.20332	0	18.79668	14.18217	4.614505	33.02105	1
1690.665	1691.308	1023.308	62.44	14.2	62.39	62.92	79.5063	0	20.4937	20.31753	0.176171	32.76333	1
1690.67	1691.313	1023.313	60.16	9.96	60.11	60	82.62998	0	17.37002	4.926799	12.44322	32.9776	1
1690.675	1691.319	1023.319	56.73	11.14	56.41	55.57	87.59252	0	12.40748	12.40748	0	33.75032	1
1690.68	1691.324	1023.324	58.34	8.48	58.33	58.62	84.35254	0	15.64746	13.42134	2.226121	32.97919	1
1690.685	1691.329	1023.329	60.67	11.64	60.76	61.39	80.66922	0	19.33078	9.81808	9.5127	32.66312	1
1690.69	1691.334	1023.334	63.95	24.02	63.83	63.53	76.28316	0	23.71684	6.54363	17.17321	32.96233	1
1690.695	1691.339	1023.339	69.66	64.35	68.88	68.33	66.3851	0	33.6149	21.19745	12.41745	33.75948	1
1690.7	1691.344	1023.344	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1691.02	1691.67	1023.67	48.2	29.87	47.21	49.58	96.09996	0	3.90004	3.90004	0	35.53353	-9999
1691.025	1691.675	1023.675	50.22	35.68	49.81	50.47	88.34054	0	11.65946	11.65946	0	34.09018	-9999
1691.03	1691.68	1023.68	53.22	45.14	52.54	51.56	85.38372	0	14.61628	14.61628	0	34.29433	-9999
1691.035	1691.685	1023.685	52.91	40.81	52.06	50.67	88.03428	0	11.96572	11.96572	0	34.7696	-9999
1691.04	1691.69	1023.69	52.29	39.54	52.03	51.47	84.33952	0	15.66048	15.66048	0	33.72286	-9999
1691.045	1691.695	1023.695	52.82	37.58	52.2	50.89	87.11624	0	12.88376	5.203251	7.680509	34.41689	-9999
1691.05	1691.7	1023.7	52.05	47.5	51.65	51.61	83.719	0	16.281	15.3086	0.972401	33.79208	-9999
1691.055	1691.705	1023.705	52.25	39.55	52.62	54.81	79.4914	0	20.5086	14.2832	6.225402	32.30528	-9999
1691.06	1691.71	1023.71	51.7	32.93	51.97	55	82.37444	0	17.62556	12.81524	4.810317	32.36509	-9999
1691.065	1691.715	1023.715	51.51	32.91	51.41	52.85	85.42158	0	14.57842	7.370583	7.207837	33.26223	-9999
1691.07	1691.72	1023.72	52.03	41.68	52.1	53.84	81.50334	0	18.49666	18.49666	0	32.80607	-9999
1691.075	1691.725	1023.725	51.7	44.09	50.91	48.72	87.88872	0	12.11128	5.8819	6.22938	34.94381	-9999
1691.08	1691.729	1023.729	52.02	48.17	50.49	47.96	92.34196	0	7.65804	7.65804	0	36.3027	-9999
1691.085	1691.734	1023.734	52.84	48.7	51.99	49.55	86.1893	0	13.8107	4.394659	9.416041	34.85043	-9999
1691.09	1691.739	1023.739	54.06	33.88	53.56	52.76	85.94084	0	14.05916	14.05916	0	34.00881	-9999
1691.095	1691.744	1023.744	53.89	39.22	53.5	52.32	83.95246	0	16.04754	6.562065	9.485475	33.86284	-9999
1691.1	1691.749	1023.749	52.63	33.56	52.51	52.14	84.38888	0	15.61112	6.270395	9.340725	33.49424	-9999

1691.105	1691.754	1023.754	51.87	22.25	51.46	50.89	90.0726	0	9.9274	9.9274	0	34.31679	-9999
1691.11	1691.759	1023.759	51.81	23.4	51.16	49.55	91.7095	0	8.2905	8.2905	0	34.9651	-9999
1691.115	1691.764	1023.764	51.49	28.28	50.78	49.85	91.28794	0	8.71206	8.71206	0	34.905	-9999
1691.12	1691.769	1023.769	51.32	30.15	50.04	48.28	95.4093	0	4.5907	4.5907	0	36.2562	-9999
1691.125	1691.774	1023.774	50.27	35.55	48.72	46.61	97.161	0	2.839	2.839	0	37.02673	-9999
1691.13	1691.779	1023.779	50.57	36.25	49.34	49.06	94.2356	0	5.7644	5.7644	0	35.86306	-9999
1691.135	1691.784	1023.784	50.15	40.9	48.52	45.89	96.5967	0	3.4033	3.4033	0	37.17175	-9999
1691.14	1691.789	1023.789	50.37	42.68	48.67	45.91	96.50604	0	3.49396	3.49396	0	37.25101	-9999
1691.145	1691.794	1023.794	50.23	44.16	47.94	46.43	100	0	0	0	0	38.13928	-9999
1691.15	1691.799	1023.799	49.95	34.06	48.85	46.39	94.32848	0	5.67152	5.67152	0	36.17041	-9999
1691.155	1691.804	1023.804	49.31	41.08	48.3	46.96	92.52094	0	7.47906	7.47906	0	35.71614	-9999
1691.16	1691.809	1023.809	48.3	53.33	46.03	45.67	100	0	0	0	0	38.32107	-9999
1691.165	1691.814	1023.814	46.46	36.92	44.67	43.15	100	0	0	0	0	37.64536	-9999
1691.17	1691.819	1023.819	45.99	39.32	43.92	43.11	100	0	0	0	0	37.52266	-9999
1691.175	1691.824	1023.824	45.84	37.52	43.71	42.51	100	0	0	0	0	37.46365	-9999
1691.18	1691.829	1023.829	46.53	39.23	45.09	48.97	98.85874	0	1.14126	1.14126	0	36.46818	-9999
1691.185	1691.834	1023.834	45.39	30.95	44.29	44.53	99.2763	0	0.7237	0.7237	0	36.84204	-9999
1691.19	1691.839	1023.839	45.49	40.77	44.33	43.53	97.27286	0	2.72714	2.72714	0	36.828	-9999
1691.195	1691.844	1023.844	45.12	53.16	43.56	44.87	97.71488	0	2.28512	2.28512	0	37.13999	-9999
1691.2	1691.849	1023.849	45.57	48.91	45.08	44.12	90.03688	0	9.96312	9.96312	0	35.07327	-9999
1691.205	1691.854	1023.854	47.68	60.5	48.24	44.66	77.1534	0	22.8466	18.94448	3.902119	33.37338	-9999
1691.21	1691.859	1023.859	46.15	53.56	45.2	46.67	91.94298	0	8.05702	3.740851	4.316169	35.40534	-9999
1691.215	1691.864	1023.864	45.69	50.4	45.64	49.76	86.1559	0	13.8441	13.8441	0	33.20872	-9999
1691.22	1691.869	1023.869	44.92	53.83	45.04	45.75	84.71674	0	15.28326	8.077092	7.206168	33.58438	-9999
1691.225	1691.874	1023.874	47	73.23	45.62	46	89.73334	0	10.26666	6.488168	3.778492	35.92961	-9999
1691.23	1691.879	1023.879	44.72	59.17	44.51	43.63	86.16596	0	13.83404	6.420111	7.413929	34.45727	-9999
1691.235	1691.883	1023.883	49.61	65.63	48	46.81	90.95384	0	9.04616	9.04616	0	36.32362	1
1691.24	1691.888	1023.888	57.22	135.94	52.93	49.5	87.70762	0.210678	12.0817	6.112015	5.969687	38.35383	1
1691.245	1691.893	1023.893	60.71	191.06	55.55	50.02	77.90028	3.091005	19.00871	14.52855	4.480169	34.53223	1
1691.25	1691.898	1023.898	60.6	180.12	54.68	51.1	86.53896	1.815108	11.64593	11.64593	0	37.08624	1
1691.255	1691.903	1023.903	59.56	149.55	54.59	50.48	87.5312	0.522989	11.94581	7.654167	4.291644	38.26136	1
1691.26	1691.908	1023.908	63.48	266.55	56.14	53.49	73.9783	6.167642	19.85406	19.85406	0	31.19758	1
1691.265	1691.913	1023.913	63.57	232.15	56.57	50.49	79.5853	4.090216	16.32448	16.32448	0	34.28305	1
1691.27	1691.918	1023.918	63.38	248.29	55.84	50.67	80.03922	4.803657	15.15712	15.15712	0	33.78074	1
1691.275	1691.923	1023.923	62.16	233.12	56.07	48.14	73.59526	5.073222	21.33152	21.33152	0	32.84891	1
1691.28	1691.928	1023.928	62.78	301.87	54.65	48.67	72.19736	8.114752	19.68789	9.110099	10.57779	30.32529	1
1691.285	1691.933	1023.933	64.06	332.6	57.95	50.95	47.9281	11.50614	40.56576	11.6615	28.90426	26.11495	1
1691.29	1691.938	1023.938	63.87	377.56	55.87	48.69	51.87008	13.0823	35.04762	18.26719	16.78043	25.22739	1
1691.295	1691.943	1023.943	63.71	499.9	55.4	47.2	24.8135	21.14649	54.04001	31.10257	22.93744	21.94385	1
1691.3	1691.948	1023.948	60.12	549.3	50.83	44.35	23.7565	24.65086	51.59264	30.30267	21.28997	19.90977	1
1691.305	1691.953	1023.953	55.19	577.25	46.4	38.18	17.6532	27.73526	54.61154	44.2968	10.31475	19.61809	1
1691.31	1691.958	1023.958	49.76	514.32	38.73	34.24	55.23786	23.50082	21.26132	1.093195	20.16812	19.52892	1
1691.315	1691.963	1023.963	47.82	524.67	38.37	34.11	42.27296	24.97165	32.75539	18.8503	13.90509	18.13268	1
1691.32	1691.968	1023.968	44.08	390.55	37.22	34.71	58.0983	17.05231	24.84939	10.27552	14.57387	22.64005	1
1691.325	1691.973	1023.973	38.49	47.81	37.59	37.24	99.99418	0	0.00582	0.00582	0	37.59766	1
1691.33	1691.978	1023.978	37.52	32.71	36.85	41.72	100	0	0	0	0	35.73895	1
1691.335	1691.983	1023.983	39.86	36.13	39.64	43.06	96.29034	0	3.70966	3.70966	0	35.12726	1
1691.34	1691.988	1023.988	39.44	24.61	39.77	42.12	95.20208	0	4.79792	4.79792	0	34.36379	1
1691.345	1691.993	1023.993	39.39	40.24	38.51	37.8	100	0	0	0	0	37.32248	1
1691.35	1691.998	1023.998	37.13	41.42	36.12	33.98	100	0	0	0	0	37.43542	1
1691.355	1692.003	1024.003	38.7	43.8	38.41	36.51	96.0439	0	3.9561	3.9561	0	36.3214	1
1691.36	1692.008	1024.008	37.67	36.75	37.52	37.87	97.6126	0	2.3874	2.3874	0	36.00388	1
1691.365	1692.013	1024.013	36.23	39.05	35.75	37.02	100	0	0	0	0	36.67442	1
1691.37	1692.018	1024.018	33.58	21.59	33.3	32.67	100	0	0	0	0	35.82767	1
1691.375	1692.023	1024.023	37.08	35.08	36.41	34.71	100	0	0	0	0	37.04588	1
1691.38	1692.028	1024.028	37.1	24.73	36.9	36.49	100	0	0	0	0	36.30334	1
1691.385	1692.032	1024.032	36.6	25.27	35.81	34.24	100	0	0	0	0	36.40792	1
1691.39	1692.037	1024.037	39.9	36.62	39.56	40.04	97.06496	0	2.93504	2.93504	0	35.9562	1
1691.395	1692.042	1024.042	42.92	55.86	42.58	41.86	89.63048	0	10.36952	10.36952	0	35.04738	1
1691.4	1692.047	1024.047	42.02	76	39.87	37.9	99.6121	0	0.3879	0.3879	0	39.35864	1
1691.405	1692.052	1024.052	40.81	39.35	40.03	39.97	98.9771	0	1.0229	1.0229	0	36.91156	1
1691.41	1692.057	1024.057	42.38	28.21	42.65	43.24	92.09108	0	7.90892	7.90892	0	34.15436	1
1691.415	1692.062	1024.062	43.97	30.26	44.54	45.29	87.80718	0	12.19282	9.913	2.27982	33.17753	1
1691.42	1692.067	1024.067	44.85	45.34	45.29	46.47	84.35572	0	15.64428	12.71126	2.933024	33.01905	1
1691.425	1692.072	1024.072	42.65	51.96	42.36	39.28	90.43518	0	9.56482	6.029083	3.535737	35.5034	1
1691.43	1692.077	1024.077	42.01	28.59	41.31	41.36	99.85702	0	0.14298	0.14298	0	36.75451	1
1691.435	1692.082	1024.082	42.53	26.49	41.63	41.28	100	0	0	0	0	36.76296	1
1691.44	1692.087	1024.087	45.84	43.1	45.28	43.98	91.737	0	8.263	8.263	0	35.36163	1
1691.445	1692.092	1024.092	49.1	35.57	48.73	47.73	89.08756	0	10.91244	10.91244	0	34.4937	1
1691.45	1692.097	1024.097	47.91	35.84	47.99	47.84	86.62952	0	13.37048	7.821484	5.548996	33.65153	1
1691.455	1692.102	1024.102	42.06	32.61	41.86	41.96	94.96318	0	5.03682	4.341497	0.695323	35.30627	1
1691.46	1692.107	1024.107	43.17	33.05	42.71	42.28	95.8505	0	4.1495	4.1495	0	35.79026	1
1691.465	1692.112	1024.112	48.61	42.45	48.28	48.08	87.5634	0	12.4366	12.4366	0	34.2239	1

1691.47	1692.117	1024.117	48.65	31.57	48.71	49.43	87.13706	0	12.86294	3.132917	9.730023	33.49251	1
1691.475	1692.122	1024.122	49.44	32.22	49.61	51.16	85.40046	0	14.59954	14.59954	0	33.03241	1
1691.48	1692.127	1024.127	47.67	41.33	47	46.73	91.33424	0	8.66576	8.66576	0	35.10136	1
1691.485	1692.132	1024.132	49.25	108.43	45.83	41.55	94.95494	0	5.04506	5.04506	0	39.91159	1
1691.49	1692.137	1024.137	45.96	73.06	44.53	42.91	91.11878	0	8.88122	8.88122	0	36.62073	1
1691.495	1692.142	1024.142	43.36	86.06	40.71	38.23	99.81978	0	0.18022	0.18022	0	40.06473	1
1691.5	1692.147	1024.147	47.64	61.93	46.57	43.94	89.47664	0	10.52336	9.795077	0.728283	35.94257	1
1691.505	1692.152	1024.152	48.49	57.56	47.2	44.56	91.45718	0	8.54282	4.531074	4.011746	36.32879	1
1691.51	1692.157	1024.157	49.97	66.72	47.49	46	97.10136	0	2.89864	2.89864	0	38.21738	1
1691.515	1692.162	1024.162	51.35	51.39	50	50.67	90.78412	0	9.21588	9.21588	0	35.40402	1
1691.52	1692.167	1024.167	53.21	50.28	52.14	50	87.17154	0	12.82846	12.64237	0.186091	35.08811	1
1691.525	1692.172	1024.172	56.31	78.74	54.94	50.11	79.75722	0	20.24278	18.2464	1.996381	35.33205	1
1691.53	1692.177	1024.177	56.92	60.05	57.28	49.96	70.3115	0	29.6885	20.00715	9.681346	34.08312	1
1691.535	1692.182	1024.182	56.87	44.57	56.2	53.02	82.08616	0	17.91384	14.77507	3.138769	34.26686	1
1691.54	1692.186	1024.186	52.57	35.6	52	52.85	87.4379	0	12.5621	7.52327	5.03883	33.99406	7
1691.545	1692.191	1024.191	50.32	23.93	50.14	50.45	89.30954	0	10.69046	7.58644	3.10402	33.91469	7
1691.55	1692.196	1024.196	52.98	35.29	51.98	51.5	90.46822	0	9.53178	9.53178	0	34.96888	7
1691.555	1692.201	1024.201	53.84	38.48	52.92	52.51	88.28504	0	11.71496	11.71496	0	34.60206	7
1691.56	1692.206	1024.206	56.37	50.14	55.08	53.04	86.00322	0	13.99678	10.74332	3.253457	34.94302	7
1691.565	1692.211	1024.211	56.1	52.2	54.72	53.67	86.4506	0	13.5494	3.089723	10.45968	34.91458	7
1691.57	1692.216	1024.216	55.11	32.69	54.61	54.9	85.26282	0	14.73718	14.73718	0	33.69132	7
1691.575	1692.221	1024.221	54.92	42.63	53.67	52.78	88.84464	0	11.15536	9.685734	1.469626	35.0198	7
1691.58	1692.226	1024.226	57.03	55.22	55.78	55.41	83.85666	0	16.14334	13.66472	2.478618	34.42009	7
1691.585	1692.231	1024.231	62.55	101.48	60.18	57.69	76.26334	0	23.73666	13.41979	10.31687	35.14024	7
1691.59	1692.236	1024.236	60.47	60.11	59.79	57.29	75.09098	0	24.90902	22.58628	2.322742	33.88871	7
1691.595	1692.241	1024.241	60.02	71.85	57.63	55.82	85.9164	0	14.0836	14.0836	0	35.61661	7
1691.6	1692.246	1024.246	58.55	63.41	56.49	54.59	86.75378	0	13.24622	13.24622	0	35.54603	7
1691.605	1692.251	1024.251	60.99	89.57	57.47	55.32	89.49326	0	10.50674	10.50674	0	36.88499	7
1691.61	1692.256	1024.256	62.27	121.67	58.89	54.91	79.46246	0	20.53754	14.2045	6.33304	36.36813	7
1691.615	1692.261	1024.261	62.58	136.13	59.16	55.22	75.98794	0.679428	23.33263	20.07459	3.258045	35.3935	7
1691.62	1692.266	1024.266	66.4	90.23	66.27	63.39	58.08384	1.300574	40.61559	20.53468	20.0809	32.98402	7
1691.625	1692.271	1024.271	63.99	74.99	63.04	60.22	70.34412	0	29.65588	18.02436	11.63152	34.14328	7
1691.63	1692.276	1024.276	61.59	82.35	60.35	59.57	73.0185	0	26.9815	15.31261	11.66889	34.03351	7
1691.635	1692.281	1024.281	67.47	205.39	68.16	75.11	22.87572	10.36415	66.76013	45.08926	21.67087	27.34525	7
1691.64	1692.286	1024.286	68.82	171.15	69.5	79.44	29.9973	8.352376	61.65032	34.47748	27.17285	27.23357	7
1691.645	1692.291	1024.291	66.39	159.95	68.43	70.06	24.4033	8.894841	66.70186	47.96623	18.73563	29.24074	7
1691.65	1692.296	1024.296	63.86	147.91	62.12	58.12	58.93958	3.092602	37.96782	26.11446	11.85336	31.6662	7
1691.655	1692.301	1024.301	58.78	138.1	54	52.02	89.5472	0	10.4528	4.80953	5.64327	38.72176	7
1691.66	1692.306	1024.306	62.12	172.05	60.47	49.82	54.001	4.714429	41.28457	30.12129	11.16328	31.46681	7
1691.665	1692.311	1024.311	57.41	78.59	57.65	50.57	66.30402	0	33.69598	18.28604	15.40994	34.40589	7
1691.67	1692.316	1024.316	51.03	26.3	50.61	50.17	89.9428	0	10.0572	8.466775	1.590425	34.35804	7
1691.675	1692.321	1024.321	51.9	45.65	50.57	48.2	91.5122	0	8.4878	8.4878	0	35.94273	7
1691.68	1692.326	1024.326	51.73	48.5	50.82	49.98	87.7239	0	12.2761	12.2761	0	34.8286	7
1691.685	1692.331	1024.331	52.96	82.79	50.68	45	88.91162	0	11.08838	11.08838	0	37.4184	7
1691.69	1692.336	1024.336	54.74	107.32	51.67	45.06	87.46026	0	12.53974	11.37794	1.161803	38.20632	7
1691.695	1692.34	1024.34	53.05	80.06	50.53	45.83	91.34948	0	8.65052	8.65052	0	37.7411	7
1691.7	1692.345	1024.345	48.68	64.23	46.63	44.52	95.55824	0	4.44176	4.44176	0	37.71847	7
1691.705	1692.35	1024.35	48.46	41.04	48.33	45.73	86.49262	0	13.50738	9.443952	4.063428	34.3364	7
1691.71	1692.355	1024.355	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1692.03	1692.673	1024.673	93.73187	52.45031	94.4809	95.46492	35.26871	12.57575	52.15554	21.07366	31.08188	31.60278	10
1692.035	1692.678	1024.678	103.1504	52.07248	104.1076	106.5994	25.08175	24.52901	50.38923	30.46127	19.92796	30.23198	10
1692.04	1692.683	1024.683	106.2261	39.9559	106.4104	105.9189	31.17425	21.138	47.68775	25.05354	22.63421	31.1063	10
1692.045	1692.688	1024.688	106.1861	32.18429	106.2936	106.1246	33.68716	19.84233	46.47051	27.64064	18.82986	31.28706	10
1692.05	1692.693	1024.693	104.8453	28.43546	105.1358	105.1663	34.41008	19.52859	46.06133	18.19954	27.86179	31.34599	10
1692.055	1692.698	1024.698	103.0041	27.8402	102.9585	103.6723	38.85198	14.55993	46.5881	15.47084	31.11726	31.95054	10
1692.06	1692.703	1024.703	101.8095	30.39825	101.9456	104.213	37.92448	14.89089	47.18463	19.09325	28.09138	31.55357	10
1692.065	1692.708	1024.708	100.1601	35.92335	100.0248	101.5274	40.20733	11.75123	48.04143	15.71	32.33144	32.07008	10
1692.07	1692.713	1024.713	98.62989	32.70345	98.62989	98.37584	41.34627	11.11503	47.5387	24.67365	22.86505	32.53795	10
1692.075	1692.718	1024.718	99.19975	33.69157	99.34944	99.37938	39.42277	12.6538	47.92343	32.80517	15.11826	32.21616	10
1692.08	1692.723	1024.723	99.23976	33.18436	99.32959	97.24868	39.97267	12.2614	47.76593	22.01734	25.74858	32.68128	10
1692.085	1692.728	1024.728	99.21976	30.55121	99.15988	98.48624	41.78849	11.08413	47.12737	27.6992	19.42818	32.68101	10
1692.09	1692.733	1024.733	98.28936	31.48496	98.39379	98.39379	41.14505	11.40216	47.45278	23.1931	24.25968	32.45707	10
1692.095	1692.738	1024.738	97.49876	25.68384	97.69215	99.5368	42.58687	10.87969	46.53344	15.23969	31.29375	32.3169	10
1692.1	1692.743	1024.743	98.71449	25.68334	98.83403	99.35704	42.04083	11.4788	46.48038	19.9127	26.56768	32.48194	10
1692.105	1692.748	1024.748	98.9746	25.28479	99.09424	99.45317	41.89722	11.68482	46.41796	24.28353	22.13443	32.48953	10
1692.11	1692.753	1024.753	99.16973	26.47963	99.4541	99.34934	40.15192	13.02918	46.8189	14.99279	31.82612	32.31848	10
1692.115	1692.758	1024.758	99.10467	27.45785	99.52366	100.9003	38.93177	13.92515	47.14307	17.84133	29.30175	31.87801	10
1692.12	1692.763	1024.763	96.28292	27.90368	96.84571	98.83032	40.30534	12.1478	47.54685	20.25704	27.28982	31.97877	10
1692.125	1692.768	1024.768	97.4931	24.51428	97.76081	99.15888	42.2991	11.24774	46.45316	24.99671	21.45645	32.35567	10
1692.13	1692.773	1024.773	96.10284	25.83269	96.42851	97.7312	42.80992	10.48509	46.70499	30.83256	15.87243	32.44485	10
1692.135	1692.778	1024.778	96.46821	23.85918	96.80908	97.32781	42.83353	10.7488	46.41767	22.09583	24.32184	32.59557	10
1692.14	1692.783	1024.783	97.56829	22.50547	97.79145	97.70219	43.06131	10.90636	46.03233	33.49926	12.53307	32.74289	10
1692.145	1692.788	1024.788	97.61883	25.04157	97.88673	97.6486	42.05441	11.39539	46.55019	16.79515	29.75505	32.6221	10

1692.15	1692.793	1024.793	96.64796	24.6537	96.97422	97.5526	42.58914	10.87155	46.53931	31.34656	15.19275	32.54879	10
1692.155	1692.797	1024.797	94.80626	20.82031	94.92412	95.79337	46.82628	7.991817	45.1819	18.06407	27.11783	33.13243	10
1692.16	1692.802	1024.802	92.28523	21.82438	92.76709	92.7963	46.08161	8.043646	45.87475	19.3873	26.48745	33.13698	10
1692.165	1692.807	1024.807	91.63027	21.83169	91.95081	92.35877	47.93271	6.836864	45.23043	16.10525	29.12517	33.33159	10
1692.17	1692.812	1024.812	91.02086	22.68717	91.38436	92.31493	47.95337	6.683601	45.36302	33.14942	12.21361	33.22053	10
1692.175	1692.817	1024.817	91.65116	23.51789	91.81146	92.01549	48.74723	6.236927	45.01584	17.88892	27.12692	33.48305	10
1692.18	1692.822	1024.822	88.86317	22.63391	89.07962	90.11862	51.09093	4.752576	44.15649	17.32841	26.82808	33.63614	10
1692.185	1692.827	1024.827	86.20875	18.61024	86.45179	85.89422	54.30069	3.177769	42.52154	20.25416	22.26738	34.42843	10
1692.19	1692.832	1024.832	88.09023	16.94747	88.47873	88.82407	51.84478	4.599189	43.55603	22.43278	21.12325	33.92708	10
1692.195	1692.837	1024.837	92.07053	17.2447	92.40618	92.34781	48.5206	6.895067	44.58433	24.06315	20.52118	33.54879	10
1692.2	1692.842	1024.842	97.94942	33.14608	98.30712	97.45759	39.09302	12.79836	48.10861	31.78691	16.3217	32.33654	10
1692.205	1692.847	1024.847	101.0203	29.09024	101.4724	103.9591	36.51752	16.29572	47.18676	19.87821	27.30855	31.31703	10
1692.21	1692.852	1024.852	102.7555	33.03641	103.2256	105.2577	33.82683	18.73	47.44317	23.32785	24.11532	31.02727	10
1692.215	1692.857	1024.857	103.5108	33.74715	104.0278	107.2212	32.59631	20.11142	47.29228	18.71516	28.57711	30.63129	10
1692.22	1692.862	1024.862	102.5306	36.27257	102.9852	104.0763	33.37061	18.55195	48.07743	31.01003	17.0674	31.18457	10
1692.225	1692.867	1024.867	106.7408	31.44963	107.2023	109.8331	30.61068	23.94168	45.44764	17.77487	27.67277	30.25806	10
1692.23	1692.872	1024.872	107.1016	31.29212	107.6407	109.0579	29.71558	25.2468	45.03762	25.72238	19.31524	30.3244	10
1692.235	1692.877	1024.877	108.8675	31.85034	109.3636	112.1228	28.28972	27.68934	44.02094	23.26514	20.75579	29.74571	10
1692.24	1692.882	1024.882	107.4963	29.6653	108.0516	109.2547	29.62087	25.92215	44.45698	16.26193	28.19505	30.28644	10
1692.245	1692.887	1024.887	108.711	26.49407	108.9124	109.4083	32.01323	23.90931	44.07746	25.12845	18.94901	30.65543	10
1692.25	1692.892	1024.892	108.9275	29.48426	109.2221	110.8344	30.3686	25.44281	44.18859	27.062	17.12659	30.22897	10
1692.255	1692.897	1024.897	112.4428	24.88614	112.7883	114.013	27.85296	31.83239	40.31465	16.07437	24.24028	29.42603	10
1692.26	1692.902	1024.902	111.6126	25.73843	111.7692	113.3348	29.87434	28.01003	42.11563	10.47871	31.63693	29.85955	10
1692.265	1692.907	1024.907	110.3135	25.18033	110.4693	112.3234	31.21042	25.80824	42.98134	30.54122	12.44012	30.13123	10
1692.27	1692.912	1024.912	110.4768	34.24511	111.038	112.4256	25.7242	31.43151	42.84429	25.30434	17.53995	29.52294	10
1692.275	1692.917	1024.917	112.5628	30.1885	112.4215	114.7305	30.2322	26.17288	43.59491	28.0754	15.51952	29.8924	10
1692.28	1692.922	1024.922	110.708	36.35868	110.5364	110.7548	30.68004	23.39368	45.92628	14.015	31.91129	30.64454	10
1692.285	1692.927	1024.927	112.0214	27.49849	112.2879	111.943	28.21981	30.21793	41.56226	16.88022	24.68204	29.91865	10
1692.29	1692.932	1024.932	112.5714	25.77624	112.7599	113.7182	28.7355	30.10721	41.15729	15.53731	25.61998	29.67325	10
1692.295	1692.937	1024.937	115.5976	25.49057	115.3753	115.9947	29.20454	29.92926	40.8662	24.57526	16.29094	29.61486	10
1692.3	1692.942	1024.942	115.9777	29.9559	115.9618	116.6932	26.17442	34.03297	39.79262	10.69558	29.09704	29.0511	10
1692.305	1692.947	1024.947	113.4888	32.54901	113.2524	115.0175	29.54556	26.59621	43.85823	29.88147	13.97676	29.89123	10
1692.31	1692.951	1024.951	112.0714	33.61046	112.1341	112.2595	28.27451	28.16123	43.56427	28.38006	15.18421	30.05205	10
1692.315	1692.956	1024.956	112.007	38.26452	111.6151	111.8503	30.7308	22.76756	46.50164	28.47376	18.02788	30.67371	10
1692.32	1692.961	1024.961	108.0591	33.64508	107.7036	104.2109	35.19832	17.77151	47.03017	24.79875	22.23142	32.15023	10
1692.325	1692.966	1024.966	104.1824	29.85847	104.3957	102.75	35.27314	18.13411	46.59276	15.96866	30.6241	31.82568	10
1692.33	1692.971	1024.971	101.721	30.91863	101.8872	99.93884	37.64678	15.05909	47.29413	28.63161	18.66252	32.29413	10
1692.335	1692.976	1024.976	99.30974	29.15266	99.26482	99.56431	41.92825	11.16466	46.9071	16.73877	30.16833	32.51704	10
1692.34	1692.981	1024.981	101.8262	32.03922	101.9319	101.6147	37.74682	14.79155	47.46163	20.14291	27.31872	32.01556	10
1692.345	1692.986	1024.986	101.0708	32.06009	100.7092	100.5435	42.05882	10.69081	47.25038	23.44747	23.80291	32.6602	10
1692.35	1692.991	1024.991	99.07941	26.58499	99.10932	98.66059	42.18154	11.28112	46.53735	33.85972	12.67762	32.68478	10
1692.355	1692.996	1024.996	97.18286	26.86961	97.42058	98.62404	42.24699	10.95618	46.79682	34.27724	12.51959	32.38281	10
1692.36	1693.001	1025.001	96.1268	29.03772	96.1268	97.35521	44.53621	8.878603	46.58518	17.55929	29.02589	32.70587	10
1692.365	1693.006	1025.006	92.98104	24.74414	93.36169	94.76717	45.51932	8.260553	46.22013	14.93674	31.28339	32.79066	10
1692.37	1693.011	1025.011	90.37408	29.53524	90.59167	91.94075	48.02197	6.104086	45.87395	16.83016	29.04379	33.07954	10
1692.375	1693.016	1025.016	88.39408	28.0665	88.88396	89.4891	48.0888	5.920199	45.991	28.45599	17.53501	33.19467	10
1692.38	1693.021	1025.021	87.25047	25.1691	87.394	87.6667	52.52631	3.789121	43.68457	15.8188	27.86577	33.92825	10
1692.385	1693.026	1025.026	86.46157	25.59771	86.79082	87.60676	51.70909	4.078343	44.21257	24.19713	20.01544	33.66622	10
1692.39	1693.031	1025.031	86.34155	22.42139	86.59911	87.52921	53.14367	3.551721	43.30461	27.12373	16.18087	33.91189	10
1692.395	1693.036	1025.036	87.48626	26.63412	88.1904	89.98669	47.61007	6.094258	46.29567	30.95249	15.34318	32.9071	10
1692.4	1693.041	1025.041	86.80166	47.46217	87.56194	89.52721	42.76442	7.29142	49.94416	18.55443	31.38973	32.0597	1
1692.405	1693.046	1025.046	66.92174	76.15086	66.31775	68.74712	64.68439	0	35.31561	20.27004	15.04557	33.28195	1
1692.41	1693.051	1025.051	48.15	53.46	47.14	45.96	90.59218	0	9.40782	9.40782	0	35.61957	1
1692.415	1693.056	1025.056	52	78.08	50.36	49.28	85.97464	0	14.02536	14.02536	0	35.66812	1
1692.42	1693.061	1025.061	53.28	83.2	51.35	48.11	85.8055	0	14.1945	13.93735	0.257147	36.26589	1
1692.425	1693.066	1025.066	52.79	61.26	51.75	49.16	84.66828	0	15.33172	8.233294	7.098426	35.02697	1
1692.43	1693.071	1025.071	53.14	42.52	52.43	51.73	86.32386	0	13.67614	12.97709	0.699054	34.32657	1
1692.435	1693.076	1025.076	51.55	53.7	50.45	49.89	88.1036	0	11.8964	10.61411	1.282286	35.05995	1
1692.44	1693.081	1025.081	49.93	62.59	48.28	45.55	91.70512	0	8.29488	8.29488	0	36.68217	1
1692.445	1693.086	1025.086	48.06	36.2	47.12	44.79	94.3094	0	5.6906	5.6906	0	36.11947	1
1692.45	1693.091	1025.091	50.98	30.57	50.41	49.45	90.11796	0	9.88204	8.005724	1.876316	34.66025	1
1692.455	1693.096	1025.096	52.83	36.26	52.18	49.49	87.65898	0	12.34102	11.98006	0.360963	34.73171	1
1692.46	1693.101	1025.101	51.61	39.55	50.55	48.26	91.1627	0	8.8373	8.8373	0	35.57149	1
1692.465	1693.105	1025.105	49.56	41.17	48.39	46.89	93.50916	0	6.49084	6.49084	0	36.02884	1
1692.47	1693.11	1025.11	49	50.52	47.28	45.2	96.02416	0	3.97584	3.97584	0	37.25693	1
1692.475	1693.115	1025.115	47.44	56.69	45.49	44.43	97.74872	0	2.25128	2.25128	0	37.83255	1
1692.48	1693.12	1025.12	51.66	52.44	50.06	48.45	92.18232	0	7.81768	5.056024	2.761656	36.23933	1
1692.485	1693.125	1025.125	47.01	17.1	46.49	45.77	96.6426	0	3.3574	3.3574	0	35.62361	1
1692.49	1693.13	1025.13	46.08	16.24	45.55	44.51	97.78382	0	2.21618	2.21618	0	35.94381	1
1692.495	1693.135	1025.135	47.12	26.77	46.35	45.19	96.13876	0	3.86124	3.86124	0	35.98412	1
1692.5	1693.14	1025.14	48.18	27.88	47.53	46.67	93.96494	0	6.03506	6.03506	0	35.39172	1
1692.505	1693.145	1025.145	45.49	19.57	44.96	44.24	97.52076	0	2.47924	2.47924	0	35.90965	1
1692.51	1693.15	1025.15	46.36	26.29	45.57	44.47	97.10912	0	2.89088	2.89088	0	36.20945	1

1692.515	1693.155	1025.155	44.48	15.91	44.12	43.47	98.01818	0	1.98182	1.98182	0	35.81932	1
1692.52	1693.16	1025.16	42.88	10.76	42.45	41.59	100	0	0	0	0	36.124	1
1692.525	1693.165	1025.165	42.06	12.96	41.69	40.94	100	0	0	0	0	36.15763	1
1692.53	1693.17	1025.17	41.19	17.68	41.02	40.12	99.14414	0	0.85586	0.85586	0	36.08263	1
1692.535	1693.175	1025.175	41.18	23.39	40.29	39.47	100	0	0	0	0	36.54228	1
1692.54	1693.18	1025.18	42.98	28.36	42.52	41.44	97.16028	0	2.83972	2.83972	0	36.09059	1
1692.545	1693.185	1025.185	43.31	24.1	42.94	42.59	97.1901	0	2.8099	2.8099	0	35.78772	1
1692.55	1693.19	1025.19	44.69	25.61	44.18	43.35	96.64008	0	3.35992	3.35992	0	35.86716	1
1692.555	1693.195	1025.195	46.59	32.76	45.81	44.26	95.25428	0	4.74572	3.479524	1.266196	36.01765	1
1692.56	1693.2	1025.2	48.7	38.92	47.63	46.85	94.06986	0	5.93014	5.93014	0	35.91581	1
1692.565	1693.205	1025.205	48.75	44.72	48.15	48.39	88.97776	0	11.02224	11.02224	0	34.592	1
1692.57	1693.21	1025.21	50.63	62.59	49.2	48.63	89.35612	0	10.64388	6.411051	4.232829	35.69245	1
1692.575	1693.215	1025.215	51.17	85.18	48.59	45.32	92.30504	0	7.69496	7.69496	0	37.93065	1
1692.58	1693.22	1025.22	56.04	121.78	52.45	47.56	86.79494	0	13.20506	13.20506	0	38.24266	9
1692.585	1693.225	1025.225	65.03	87.61	65.12	66.77	58.27328	1.17176	40.55496	25.05855	15.49641	32.14472	9
1692.59	1693.23	1025.23	75.11	44.65	76.02	77.04	53.041	2.057167	44.90183	20.8978	24.00404	33.07101	9
1692.595	1693.235	1025.235	77.29	40.71	77.92	78.61	54.15888	1.965506	43.87561	19.41961	24.456	33.45968	9
1692.6	1693.24	1025.24	78.64	34.92	78.9	78.15	57.18556	1.192899	41.62154	25.69643	15.92511	34.37133	9
1692.605	1693.245	1025.245	73.78	75.56	75.17	76.33	43.06438	4.624021	52.3116	31.72802	20.58358	31.37579	9
1692.61	1693.25	1025.25	74.79	71.12	75.92	76.11	45.22466	4.179223	50.59612	16.61938	33.97674	31.83901	9
1692.615	1693.255	1025.255	80.17	36.71	80.7	82.02	53.25228	2.553213	44.19451	26.78805	17.40646	33.40635	9
1692.62	1693.259	1025.259	80.35	66.06	81.53	83.23	40.94648	6.337516	52.716	23.51197	29.20404	31.53984	9
1692.625	1693.264	1025.264	80.11	82.96	81	80.83	39.32498	6.590849	54.08417	19.91711	34.16706	31.4915	9
1692.63	1693.269	1025.269	78.95	72.72	79.06	80.04	48.91526	3.491182	47.59356	26.57485	21.01871	32.19726	9
1692.635	1693.274	1025.274	79.74	76	80.33	81.68	43.6747	5.186158	51.13914	26.12197	25.01717	31.60424	9
1692.64	1693.279	1025.279	77.04	78.6	76.92	79.55	51.032	2.791552	46.17645	31.07877	15.09768	31.92263	9
1692.645	1693.284	1025.284	75.64	99.91	76.37	82.62	40.57548	5.598444	53.82608	33.42252	20.40356	29.87026	9
1692.65	1693.289	1025.289	79.78	62.14	80.61	81.68	45.13202	4.883111	49.98487	21.3662	28.61867	32.02849	9
1692.655	1693.294	1025.294	79.22	56.55	80.11	82.16	46.535	4.416844	49.04816	17.8953	31.15286	32.06024	9
1692.66	1693.299	1025.299	79.79	46.68	80.29	81.09	51.42164	2.997869	45.58049	32.18841	13.39208	33.0538	9
1692.665	1693.304	1025.304	77.63	69.58	78.61	81.21	44.14704	4.849091	51.00387	18.34296	32.66091	31.44887	9
1692.67	1693.309	1025.309	83.04	73.1	83.42	84.83	42.968	5.807921	51.22408	34.2505	16.97358	31.71178	9
1692.675	1693.314	1025.314	82.54	55.99	83.02	82.57	46.79362	4.724631	48.48175	16.72186	31.75989	32.67608	9
1692.68	1693.319	1025.319	77.92	72.59	77.31	82.04	55.47432	1.545964	42.97972	16.70454	26.27517	32.31379	9
1692.685	1693.324	1025.324	77.59	93.58	77.78	82.77	44.49834	4.645559	50.8561	23.3243	27.53181	30.5685	9
1692.69	1693.329	1025.329	77.74	65.48	77.59	77.27	53.79554	2.034667	44.16979	24.11436	20.05543	33.12966	9
1692.695	1693.334	1025.334	77.01	121.72	75.22	73.33	53.56706	2.257015	44.17592	15.13783	29.03809	32.19081	9
1692.7	1693.339	1025.339	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1693.015	1693.652	1025.652	57.48	22.86	57.63	57.39	80.42378	0	19.57622	8.873066	10.70315	32.79841	10
1693.02	1693.657	1025.657	90.0914	44.56558	90.23744	91.05526	45.19924	6.648954	48.15181	30.1752	17.97661	32.6438	10
1693.025	1693.662	1025.662	101.7766	70.58545	102.4646	105.5223	23.95195	21.76408	54.28397	35.97151	18.31246	30.32257	10
1693.03	1693.667	1025.667	107.0964	75.18837	108.2332	113.3256	14.46527	34.25619	51.27854	39.5869	11.69163	29.13353	10
1693.035	1693.672	1025.672	107.4344	81.00912	108.3214	113.2854	14.68198	32.68647	52.63155	31.32615	21.3054	29.26667	10
1693.04	1693.677	1025.677	113.2496	44.9978	113.218	114.1982	25.16595	29.73902	45.09503	30.65683	14.4382	29.64391	10
1693.045	1693.682	1025.682	114.6449	35.79657	114.6924	115.183	25.49597	32.74641	41.75762	12.45998	29.29764	29.32041	10
1693.05	1693.687	1025.687	113.0101	39.75965	112.8843	113.8753	27.38417	27.74704	44.86879	20.59403	24.27476	29.87985	10
1693.055	1693.692	1025.692	110.0678	33.93727	110.1457	110.3947	29.92159	25.12342	44.95499	18.79067	26.16432	30.45195	10
1693.06	1693.697	1025.697	111.4826	28.88281	111.5295	110.9193	30.08259	26.66747	43.24994	28.13293	15.11701	30.40776	10
1693.065	1693.702	1025.702	111.0869	35.12542	111.3994	112.5401	26.87766	29.62578	43.49656	18.43842	25.05814	29.72648	10
1693.07	1693.707	1025.707	112.8486	43.62498	113.1474	113.8864	23.30672	33.26473	43.42855	13.83973	29.58883	29.33575	10
1693.075	1693.712	1025.712	109.7211	39.79026	109.9388	112.1003	27.74016	26.54924	45.7106	16.69307	29.01752	29.91686	10
1693.08	1693.716	1025.716	108.732	37.5038	109.2433	110.0954	26.92825	28.00906	45.06269	33.0412	12.02149	30.04303	10
1693.085	1693.721	1025.721	107.7618	34.81784	107.9316	108.2712	31.11712	22.75461	46.12827	19.74137	26.3869	30.76906	10
1693.09	1693.726	1025.726	105.4706	39.83427	105.6391	106.497	32.02118	20.00689	47.97193	29.90294	18.06898	30.99207	10
1693.095	1693.731	1025.731	101.6053	39.92598	101.7563	99.79308	35.69064	15.4336	48.87576	22.52152	26.35424	32.09296	10
1693.1	1693.736	1025.736	103.3152	34.89184	103.7255	103.0872	33.32604	19.05937	47.61459	16.65733	30.95727	31.44831	10
1693.105	1693.741	1025.741	101.0154	43.02938	101.0455	99.94537	36.41918	14.17002	49.4108	31.993	17.4178	32.05529	10
1693.11	1693.746	1025.746	99.88005	41.43993	99.86504	98.55932	38.19821	12.69374	49.10805	20.98747	28.12058	32.31843	10
1693.115	1693.751	1025.751	101.0604	35.34864	101.0152	101.3769	38.82042	13.15398	48.0256	32.35034	15.67525	32.06861	10
1693.12	1693.756	1025.756	101.9056	38.07048	102.1475	102.7673	35.15926	16.30961	48.53113	27.30782	21.22331	31.52641	10
1693.125	1693.761	1025.761	103.1452	42.60237	103.1756	103.3579	34.5612	16.30797	49.13084	29.91203	19.21881	31.55355	10
1693.13	1693.766	1025.766	104.8406	41.42967	105.1768	105.0392	30.91497	20.80324	48.28179	15.79377	32.48802	31.07363	10
1693.135	1693.771	1025.771	104.7522	46.77346	105.0729	104.3704	29.82327	20.91308	49.26365	23.62923	25.63442	31.12601	10
1693.14	1693.776	1025.776	107.9809	54.11959	108.5682	110.1136	23.00926	28.68978	48.30096	31.31993	16.98102	29.88539	10
1693.145	1693.781	1025.781	109.9156	48.49931	110.6159	112.2654	21.71354	32.97124	45.31521	25.81066	19.50456	29.38636	10
1693.15	1693.786	1025.786	106.6423	69.48593	107.2575	107.3805	20.30583	27.86132	51.83285	32.11614	19.71671	30.33377	10
1693.155	1693.791	1025.791	101.4906	45.64304	102.7283	104.8867	25.99097	23.95899	50.05004	19.97331	30.07673	30.3967	10
1693.16	1693.796	1025.796	101.9656	54.80984	102.9788	102.7671	25.07572	23.48665	51.43763	29.35022	22.08741	30.83011	10
1693.165	1693.801	1025.801	98.76495	44.00989	98.91448	98.85467	37.32699	12.954	49.71901	25.05321	24.6658	31.98316	10
1693.17	1693.806	1025.806	98.70989	41.30003	98.97894	98.94905	37.10719	13.49297	49.39984	28.68644	20.71341	31.94379	10
1693.175	1693.811	1025.811	96.98456	32.63364	97.19253	97.02913	41.26515	10.99983	47.73501	31.27332	16.4617	32.48977	10
1693.18	1693.816	1025.816	96.76	32.58491	96.93814	96.93814	41.71466	10.63455	47.65078	24.52387	23.12691	32.51993	10
1693.185	1693.821	1025.821	95.21476	33.22078	95.83477	96.64667	39.55797	11.87282	48.56921	20.70761	27.8616	32.09506	10

1693.19	1693.826	1025.826	95.14	28.17345	95.70086	97.05874	41.30654	11.14091	47.55255	19.72729	27.82526	32.21902	10
1693.195	1693.831	1025.831	96.05441	19.94016	96.51337	96.86869	43.24753	10.807	45.94546	32.49355	13.45191	32.6809	10
1693.2	1693.836	1025.836	95.51433	19.52735	95.70642	96.47479	45.91248	8.837415	45.2501	32.20951	13.04059	33.00912	10
1693.205	1693.841	1025.841	92.96394	30.32549	93.3887	93.74023	43.84251	8.840491	47.317	18.79352	28.52347	32.71648	10
1693.21	1693.846	1025.846	93.18793	33.23869	93.52498	94.30167	43.61118	8.77056	47.61826	20.52489	27.09336	32.59417	10
1693.215	1693.851	1025.851	95.55433	33.83938	95.99767	97.56414	40.46501	11.22691	48.30809	31.25727	17.05081	32.0618	10
1693.22	1693.856	1025.856	97.72979	32.03295	97.61063	97.98302	43.26014	9.603213	47.13664	31.16793	15.96872	32.68668	10
1693.225	1693.861	1025.861	97.63955	31.92866	97.74377	97.38645	41.63717	10.87849	47.48434	15.85675	31.62759	32.58055	10
1693.23	1693.866	1025.866	99.46995	32.71647	99.49992	101.3583	40.33796	12.0402	47.62184	21.48199	26.13985	31.99565	10
1693.235	1693.87	1025.87	96.61934	29.5855	96.66384	95.81826	43.60561	9.543845	46.85055	33.46081	13.38974	32.94766	10
1693.24	1693.875	1025.875	97.50488	32.33806	97.62396	97.13278	41.54689	10.8837	47.56941	18.24646	29.32294	32.59168	10
1693.245	1693.88	1025.88	101.2905	27.74472	101.3207	101.1698	39.86476	13.40534	46.7299	20.12949	26.60041	32.2689	10
1693.25	1693.885	1025.885	99.21487	29.13842	99.25979	99.85873	41.32269	11.67078	47.00653	20.11042	26.89611	32.36063	10
1693.255	1693.89	1025.89	99.06006	33.50353	99.23968	99.11994	39.36484	12.70931	47.92585	26.97007	20.95578	32.22526	10
1693.26	1693.895	1025.895	98.04964	37.15863	98.19874	99.10827	39.6464	11.85705	48.49655	17.72994	30.76661	32.08104	10
1693.265	1693.9	1025.9	99.64999	41.15754	100.055	99.96496	35.22345	15.30885	49.4677	22.08213	27.38557	31.7227	10
1693.27	1693.905	1025.905	98.7898	41.09837	99.0888	97.42935	36.85032	13.74907	49.40061	27.46759	21.93302	32.21206	10
1693.275	1693.91	1025.91	101.2251	38.01105	101.0742	100.7423	38.84339	12.72745	48.42916	18.60566	29.8235	32.21675	10
1693.28	1693.915	1025.915	102.78	46.87029	102.9317	102.7497	32.92425	17.16214	49.91361	19.43408	30.47953	31.4586	10
1693.285	1693.92	1025.92	98.79486	42.81437	99.21354	98.75	35.50284	14.65123	49.84593	21.18338	28.66255	31.8417	10
1693.29	1693.925	1025.925	100.9652	40.26144	101.4324	101.5228	33.74831	17.09828	49.15341	21.59667	27.55674	31.48688	10
1693.295	1693.93	1025.93	100.7052	39.98973	100.9009	101.3375	36.15691	14.8434	48.99969	22.85461	26.14508	31.71846	10
1693.3	1693.935	1025.935	101.8051	55.85622	102.1981	103.8004	29.77625	18.54604	51.67771	30.76032	20.91739	30.89456	10
1693.305	1693.94	1025.94	102.6003	54.91847	102.6306	104.2828	32.0825	16.56277	51.35473	35.45552	15.89921	31.10297	10
1693.31	1693.945	1025.945	104.2653	55.57965	104.1737	102.9537	31.33483	17.39237	51.2728	19.78669	31.48611	31.53783	10
1693.315	1693.95	1025.95	103.5852	51.69672	103.8438	104.9087	30.18669	19.27216	50.54116	25.76054	24.78061	30.94496	10
1693.32	1693.955	1025.955	103.1711	57.62105	103.5811	102.1233	27.96069	20.41356	51.62575	20.34236	31.28339	31.26567	10
1693.325	1693.96	1025.96	101.0951	64.84045	101.7886	103.3869	25.92599	20.58033	53.49369	26.52496	26.96873	30.68723	10
1693.33	1693.965	1025.965	100.1551	62.70049	100.3805	101.0414	30.93741	16.0354	53.02719	21.73492	31.29227	31.25016	10
1693.335	1693.97	1025.97	99.38984	54.14929	99.9291	99.50967	31.27791	16.82909	51.893	32.32121	19.57179	31.44931	10
1693.34	1693.975	1025.975	99.20976	62.37807	99.8535	99.41935	28.64259	17.89936	53.45805	37.18774	16.27031	31.28809	10
1693.345	1693.98	1025.98	99.07467	60.8609	99.56848	99.14949	30.296	16.64763	53.05637	23.09684	29.95953	31.40244	10
1693.35	1693.985	1025.985	98.25952	61.26836	98.55791	97.58814	32.46179	14.61017	52.92804	20.94357	31.98447	31.69027	10
1693.355	1693.99	1025.99	99.48998	64.08636	100.1646	102.0987	27.73169	18.53295	53.73536	35.42634	18.30902	30.79059	10
1693.36	1693.995	1025.995	103.66	88.50684	104.71	104.3448	15.07671	28.53518	56.3881	35.6972	20.6909	30.72911	10
1693.365	1694	1026	103.0055	80.50948	103.9468	104.1593	18.45696	26.10664	55.4364	44.83881	10.59759	30.64348	10
1693.37	1694.005	1026.005	100.8653	64.34073	101.8593	102.5672	23.92962	22.49964	53.57074	25.38208	28.18866	30.74198	10
1693.375	1694.01	1026.01	99.40997	62.47466	100.5039	103.2611	24.94624	21.2338	53.81996	37.25934	16.56062	30.47716	10
1693.38	1694.015	1026.015	96.59451	65.02279	97.24727	99.13139	30.3386	15.47299	54.1884	24.44646	29.74195	31.02628	10
1693.385	1694.019	1026.019	94.45472	66.6503	95.07313	93.60073	32.17961	13.46341	54.35698	34.08184	20.27514	31.77334	10
1693.39	1694.024	1026.024	92.7339	62.69138	93.40705	94.72409	34.29657	12.06539	53.63804	34.79023	18.84781	31.4113	10
1693.395	1694.029	1026.029	95.34338	54.13865	96.28854	97.33708	31.85752	15.22352	52.91896	20.10104	32.81792	31.30732	10
1693.4	1694.034	1026.034	102.2808	37.94888	102.8258	103.8402	32.49415	19.07362	48.43223	16.08651	32.34572	31.1076	10
1693.405	1694.039	1026.039	105.586	43.94385	106.3366	107.5776	26.40871	25.79647	47.79483	34.51856	13.27627	30.28015	10
1693.41	1694.044	1026.044	110.7556	56.99254	111.2396	111.9109	20.56172	32.56285	46.87542	18.18172	28.69371	29.59852	10
1693.415	1694.049	1026.049	118.8443	54.71067	119.535	119.6957	12.06985	54.43163	33.49852	26.36982	7.128698	27.06241	10
1693.42	1694.054	1026.054	120.1568	65.29288	121.3673	122.4809	4.273887	69.30141	26.4247	26.4247	0	-9999	10
1693.425	1694.059	1026.059	122.5114	63.25743	123.1949	123.26	6.684024	66.67153	26.64445	26.64445	0	-9999	10
1693.43	1694.064	1026.064	122.0287	60.11263	122.8411	122.9548	6.890717	67.5214	25.58788	13.61967	11.96821	-9999	10
1693.435	1694.069	1026.069	118.4702	55.46232	119.16	121.7428	12.23953	53.37694	34.38353	16.9136	17.46993	26.77228	10
1693.44	1694.074	1026.074	118.6023	63.9518	119.2604	118.7307	10.30993	53.76416	35.92592	29.04546	6.880456	27.48585	10
1693.445	1694.079	1026.079	115.0876	81.66378	116.0228	117.7349	7.108357	49.88075	43.0109	39.45751	3.553391	-9999	10
1693.45	1694.084	1026.084	115.8936	88.56514	116.8792	117.5469	4.306331	53.29715	42.39652	42.39652	0	-9999	10
1693.455	1694.089	1026.089	107.2425	62.47848	107.2733	105.3932	25.97828	22.52671	51.49501	25.24666	26.24835	31.07698	10
1693.46	1694.094	1026.094	99.19481	47.37875	99.47994	100.2453	35.06537	14.46906	50.46557	22.29341	28.17216	31.57674	10
1693.465	1694.099	1026.099	89.13571	41.92293	89.01977	89.86039	48.7484	4.889926	46.36168	33.47437	12.8873	33.10896	10
1693.47	1694.104	1026.104	101.9192	35.70348	101.7828	102.2223	38.65117	13.32072	48.02811	21.23881	26.78931	32.03064	10
1693.475	1694.109	1026.109	120.0061	35.14315	119.9416	119.877	21.59007	42.41162	35.99831	22.11873	13.87958	27.91535	10
1693.48	1694.114	1026.114	124.9472	39.96774	125.0621	124.3069	14.48581	60.46164	25.05255	8.05477	16.99778	25.46715	10
1693.485	1694.119	1026.119	120.71	52.77717	121.1467	122.6995	12.79022	55.03052	32.17926	13.14577	19.03349	26.458	10
1693.49	1694.124	1026.124	118.85	50.86686	118.9625	121.4208	17.47657	43.87344	38.65	29.48031	9.169685	27.5592	10
1693.495	1694.129	1026.129	118.7282	62.67314	118.7282	124.268	15.60318	42.41633	41.98049	33.13829	8.842199	27.31445	10
1693.5	1694.134	1026.134	117.582	60.8099	117.662	120.5727	16.48884	41.03286	42.4783	16.81227	25.66603	28.00052	10
1693.505	1694.139	1026.139	119.2983	47.02517	118.9604	118.8638	21.4843	36.70484	41.81086	20.82191	20.98895	28.71929	10
1693.51	1694.144	1026.144	119.5178	53.03138	119.6144	119.8077	16.46114	45.37641	38.16245	20.69579	17.46665	27.79196	10
1693.515	1694.149	1026.149	122.5051	69.07767	122.0494	122.3912	14.10982	42.99338	42.89681	17.96605	24.93075	27.98595	10
1693.52	1694.154	1026.154	126.0859	54.35577	126.1683	125.674	10.20836	64.46526	25.32637	14.22548	11.1009	25.12234	10
1693.525	1694.159	1026.159	125.0893	48.52294	125.4833	126.797	10.12117	68.26088	21.61795	14.61428	7.003674	24.41019	10
1693.53	1694.164	1026.164	120.84	38.56674	121.3417	122.3774	15.60603	55.74356	28.6504	18.91562	9.734779	26.20194	10
1693.535	1694.169	1026.169	116.1859	49.84112	116.8703	118.4937	15.74344	46.69106	37.5655	17.5863	19.9792	27.70157	10
1693.54	1694.173	1026.173	113.19	57.76115	113.8671	114.5128	16.63929	39.98634	43.37437	23.79459	19.57978	28.84264	10
1693.545	1694.178	1026.178	112.2155	57.44322	112.4978	114.7409	20.67234	32.79451	46.53315	28.42012	18.11303	29.20686	10
1693.55	1694.183	1026.183	114.8033	51.03153	115.12	117.527	19.57688	37.95936	42.46376	19.59147	22.87229	28.48609	10

1693.555	1694.188	1026.188	117.858	48.19574	118.2743	117.858	16.68144	46.47007	36.84849	23.38427	13.46422	27.89609	10
1693.56	1694.193	1026.193	121.0062	51.77304	121.4595	121.8643	12.63194	56.18086	31.1872	17.86527	13.32193	26.49846	10
1693.565	1694.198	1026.198	120.6223	55.59948	121.1397	121.3337	11.56295	56.53846	31.89859	9.826863	22.07173	26.63991	10
1693.57	1694.203	1026.203	122.9978	50.79007	123.5846	123.7476	10.0032	65.41545	24.58135	19.23013	5.351213	25.32568	10
1693.575	1694.208	1026.208	119.8567	60.07083	120.2759	123.2421	11.94637	52.70897	35.34466	13.92082	21.42384	26.67575	10
1693.58	1694.213	1026.213	122.3501	55.94305	122.9031	124.4156	9.614257	62.80812	27.57763	23.68251	3.895122	25.56327	10
1693.585	1694.218	1026.218	126.6191	55.02161	127.3454	128.6331	4.565897	83.31146	12.12264	3.636125	8.486515	-9999	10
1693.59	1694.223	1026.223	125.7252	56.64759	126.153	128.111	7.308634	72.01582	20.67554	15.37876	5.296786	-9999	10
1693.595	1694.228	1026.228	124.5375	51.92635	124.7341	124.2425	11.33562	61.84825	26.81613	20.30508	6.511051	25.58416	10
1693.6	1694.233	1026.233	127.5156	56.92164	128.0619	127.5487	4.676409	82.44489	12.8787	12.8787	0	-9999	10
1693.605	1694.238	1026.238	128.1391	52.69418	128.3879	130.528	7.431502	76.45982	16.10868	15.50559	0.603084	-9999	10
1693.61	1694.243	1026.243	128.3763	57.7224	129.3229	131.8472	0.588648	98.0034	1.407954	1.407954	0	-9999	10
1693.615	1694.248	1026.248	128.143	50.56512	128.4915	129.6863	7.170947	79.14583	13.68322	10.96511	2.718106	-9999	10
1693.62	1694.253	1026.253	125.3022	53.58831	126.058	126.8631	5.896026	78.37051	15.73347	8.477216	7.256252	-9999	10
1693.625	1694.258	1026.258	126.9222	53.72211	127.3352	127.3022	7.029705	76.12327	16.84702	12.02987	4.817153	-9999	10
1693.63	1694.263	1026.263	126.0147	59.94059	126.8052	126.871	3.4347	82.70158	13.86372	13.86372	0	-9999	10
1693.635	1694.268	1026.268	129.6368	45.29563	129.8703	129.6701	7.962862	81.78631	10.25083	7.978621	2.272206	-9999	10
1693.64	1694.273	1026.273	131.491	53.49534	131.7092	132.112	4.391529	90.25479	5.353678	0	5.353678	-9999	10
1693.645	1694.278	1026.278	127.479	59.16666	128.2073	129.962	2.756239	87.49532	9.748444	9.748444	0	-9999	10
1693.65	1694.283	1026.283	123.5143	52.00782	123.7592	123.5633	11.88294	59.62298	28.49408	24.81328	3.680796	25.91534	10
1693.655	1694.288	1026.288	119.8122	48.2651	120.1347	121.8919	15.59381	49.97888	34.42731	12.04509	22.38222	26.93824	10
1693.66	1694.293	1026.293	117.506	56.79211	117.9857	120.1766	14.43276	47.21845	38.34879	18.01007	20.33872	27.51806	10
1693.665	1694.298	1026.298	114.2358	66.36475	114.7732	116.2907	14.67769	40.93495	44.38736	30.51524	13.87212	28.63929	10
1693.67	1694.303	1026.303	103.8445	57.84543	103.6308	104.1651	32.12066	16.09357	51.78577	34.84691	16.93886	31.33689	10
1693.675	1694.308	1026.308	97.19626	58.43973	97.28563	97.49418	35.74437	12.21308	52.04256	32.26908	19.77347	31.7667	10
1693.68	1694.313	1026.313	101.8407	53.81852	101.1001	100.6164	39.02217	10.05434	50.92349	35.32925	15.59424	32.38561	10
1693.685	1694.318	1026.318	101.9787	52.45952	101.9333	102.1148	33.83614	15.18944	50.97442	33.91507	17.05935	31.5576	10
1693.69	1694.323	1026.323	101.3792	48.65205	101.6509	102.4359	32.85155	16.67974	50.46871	25.20266	25.26605	31.30768	10
1693.695	1694.327	1026.327	89.80347	70.66142	90.28161	90.15121	36.57516	9.624175	53.80067	25.51521	28.28546	31.73684	10
1693.7	1694.332	1026.332	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1694.015	1694.645	1026.645	74.48	74.00092	75.43081	75.22411	46.20141	3.901247	49.89734	22.70791	27.18943	31.90702	10
1694.02	1694.65	1026.65	76.35228	59.99005	77.21142	78.41698	48.58	3.432963	47.98704	25.43823	22.54881	32.23641	10
1694.025	1694.655	1026.655	75.6453	43.05258	75.61765	76.08767	60.20188	0.208035	39.59009	21.79095	17.79914	34.34171	10
1694.03	1694.66	1026.66	75.39907	39.69149	75.74443	76.20031	58.35097	0.6649	40.98413	20.23347	20.75066	34.07784	10
1694.035	1694.665	1026.665	82.08875	41.03222	82.22982	82.62482	53.45526	2.557765	43.98698	32.54021	11.44677	33.60166	10
1694.04	1694.67	1026.67	85.03973	45.70359	85.22494	84.6978	49.26781	4.254792	46.4774	22.35375	24.12365	33.22598	10
1694.045	1694.675	1026.675	87.05304	51.07509	87.64123	86.46484	42.99251	7.053521	49.95397	29.99649	19.95748	32.60963	10
1694.05	1694.68	1026.68	86.09007	64.84226	87.26234	87.67692	36.02025	9.511334	54.46842	26.1892	28.27922	31.61337	10
1694.055	1694.685	1026.685	87.84755	69.05566	88.49497	87.55981	37.45129	8.964164	53.58455	25.47857	28.10598	31.91971	10
1694.06	1694.69	1026.69	89.49787	52.55506	90.17786	89.96084	39.67374	9.044279	51.28199	32.91685	18.36513	32.15201	10
1694.065	1694.695	1026.695	90.13699	52.09836	90.65894	89.89052	40.42109	8.774179	50.80473	19.93521	30.86951	32.33499	10
1694.07	1694.7	1026.7	90.41708	50.36228	90.92504	89.95266	40.69192	8.783429	50.52465	35.28567	15.23898	32.41814	10
1694.075	1694.705	1026.705	91.54111	44.88759	92.15293	92.66279	40.17772	9.664316	50.15797	23.16042	26.99754	32.14998	10
1694.08	1694.71	1026.71	90.61873	58.43426	91.54785	91.76562	35.28896	11.32444	53.3866	21.0098	32.3768	31.69853	10
1694.085	1694.715	1026.715	90.04696	52.79941	90.51075	89.56868	40.785	8.51508	50.69992	34.58477	16.11515	32.39379	10
1694.09	1694.72	1026.72	91.18185	48.81033	91.82203	91.00725	39.33922	9.796792	50.86399	23.97863	26.88536	32.2819	10
1694.095	1694.725	1026.725	91.43282	56.30684	92.17558	92.40861	36.49913	10.95729	52.54358	27.98383	24.55975	31.79728	10
1694.1	1694.73	1026.73	87.81754	48.27383	88.16277	88.63746	44.85008	6.395296	48.75463	35.33918	13.41545	32.55439	10
1694.105	1694.735	1026.735	87.99634	48.22258	88.5	88.34171	43.47015	7.096748	49.4331	27.8154	21.6177	32.52468	10
1694.11	1694.74	1026.74	87.00905	52.39079	87.88373	87.94109	40.49434	8.174077	51.33158	36.83195	14.49964	32.13754	10
1694.115	1694.745	1026.745	86.1844	47.40688	86.69919	86.61339	45.24827	6.055008	48.69672	20.94642	27.7503	32.66837	10
1694.12	1694.75	1026.75	83.23249	40.77067	83.81315	82.79345	49.0595	4.31695	46.62355	25.56233	21.06121	33.29872	10
1694.125	1694.755	1026.755	83.53836	33.00568	83.82192	82.46081	52.95971	3.032178	44.00812	25.65641	18.3517	34.03861	10
1694.13	1694.76	1026.76	84.5869	44.50311	84.98523	85.853	48.32329	4.650099	47.02661	28.25958	18.76703	32.84651	10
1694.135	1694.765	1026.765	85.76713	40.56724	86.43841	87.46676	46.07452	5.908216	48.01726	34.45279	13.56447	32.63454	10
1694.14	1694.77	1026.77	87.21436	41.14229	87.80296	89.85591	45.24465	6.478569	48.27678	16.0403	32.23648	32.37619	10
1694.145	1694.775	1026.775	87.84877	38.77954	88.17968	88.99976	47.22994	5.717796	47.05226	29.79438	17.25788	32.89101	10
1694.15	1694.78	1026.78	86.67866	46.92758	86.95092	87.59574	46.78915	5.428632	47.78221	34.13659	13.64562	32.73366	10
1694.155	1694.784	1026.784	87.21742	37.10391	87.59063	87.76289	47.88842	5.414556	46.69703	26.55991	20.13712	33.09901	10
1694.16	1694.789	1026.789	85.97859	42.42474	86.40741	86.99346	47.30955	5.310142	47.38031	18.75791	28.6224	32.84501	10
1694.165	1694.794	1026.794	84.31265	40.58395	84.76755	85.37882	49.08558	4.433874	46.48054	27.1423	19.33824	33.03885	10
1694.17	1694.799	1026.799	84.36422	34.07487	84.46374	86.14135	53.36752	2.896293	43.73618	29.60124	14.13494	33.55762	10
1694.175	1694.804	1026.804	83.15832	36.82073	83.59726	84.40435	51.18193	3.588282	45.22979	28.5511	16.67869	33.30321	10
1694.18	1694.809	1026.809	83.04	33.72789	83.08247	82.84181	55.11192	2.155105	42.73298	15.74598	26.98699	34.14258	10
1694.185	1694.814	1026.814	82.28236	31.91884	82.49413	83.41183	54.9346	2.218743	42.84665	27.89767	14.94898	33.89573	10
1694.19	1694.819	1026.819	82.38825	33.33659	82.58599	83.20747	54.60285	2.317215	43.07994	31.99882	11.08112	33.87797	10
1694.195	1694.824	1026.824	82.78828	26.19644	82.88728	84.07522	56.72803	1.711625	41.56035	23.0529	18.50745	34.26496	10
1694.2	1694.829	1026.829	84.51111	31.80257	84.78134	85.10847	52.45926	3.347319	44.19342	31.5215	12.67192	33.70447	10
1694.205	1694.834	1026.834	84.98698	47.65724	85.61377	86.39726	45.42131	5.81167	48.76702	32.67962	16.0874	32.49005	10
1694.21	1694.839	1026.839	85.1455	46.74193	85.47326	84.946	47.81448	4.841512	47.34401	32.85405	14.48996	33.02707	10
1694.215	1694.844	1026.844	86.86899	43.86181	87.02665	85.96605	48.24413	4.91054	46.84533	29.99009	16.85524	33.27871	10
1694.22	1694.849	1026.849	86.77896	48.57812	87.06555	85.27438	46.18639	5.642743	48.17087	30.44007	17.7308	33.09253	10
1694.225	1694.854	1026.854	83.6443	44.82965	83.77189	83.6443	51.20962	3.403211	45.38717	21.33187	24.05529	33.37385	10

1694.23	1694.859	1026.859	78.45367	49.52977	79.09513	78.06321	50.86508	3.020689	46.11423	17.66657	28.44766	33.19943	10
1694.235	1694.864	1026.864	85.85144	39.00607	86.19433	84.67989	48.9198	4.719025	46.36117	26.371	19.99017	33.48135	10
1694.24	1694.869	1026.869	88.83217	39.83749	89.30852	88.68783	44.94201	6.927056	48.13093	20.75439	27.37654	32.88324	10
1694.245	1694.874	1026.874	91.21911	45.68059	91.46655	89.66168	43.10603	7.849162	49.04481	20.38366	28.66114	32.88253	10
1694.25	1694.879	1026.879	94.09117	46.10189	94.47353	94.84119	39.31614	10.54381	50.14005	22.43925	27.7008	32.09921	10
1694.255	1694.884	1026.884	89.15893	44.4403	89.60682	89.17338	43.74809	7.323942	48.92797	32.29692	16.63105	32.6701	10
1694.26	1694.889	1026.889	90.82	55.4399	91.60494	95.079	36.94589	10.63001	52.4241	20.25831	32.16579	31.23464	10
1694.265	1694.894	1026.894	91.02909	55.1687	91.55275	91.32001	38.84407	9.593813	51.56212	35.47053	16.09159	32.07778	10
1694.27	1694.899	1026.899	90.40707	45.59019	90.40707	89.24614	45.79267	6.285242	47.92209	21.85253	26.06956	33.07413	10
1694.275	1694.904	1026.904	87.13478	52.49621	87.26391	85.54217	46.13115	5.523608	48.34524	30.41516	17.93008	33.03563	10
1694.28	1694.909	1026.909	85.61125	48.56148	85.86813	86.18209	47.49498	4.953929	47.55109	28.07162	19.47947	32.82266	10
1694.285	1694.914	1026.914	82.2936	47.3723	82.71728	83.32456	49.54224	3.871508	46.58625	23.14829	23.43796	32.9201	10
1694.29	1694.919	1026.919	84.23947	47.98584	84.19684	83.23053	51.2175	3.340855	45.44164	16.11847	29.32317	33.50689	10
1694.295	1694.924	1026.924	84.0168	44.91246	84.05939	84.49957	51.5056	3.304795	45.1896	21.36188	23.82772	33.32531	10
1694.3	1694.929	1026.929	86.60043	37.77245	86.68633	87.08719	50.52095	4.115123	45.36392	16.69096	28.67296	33.39453	10
1694.305	1694.934	1026.934	85.14739	49.80941	85.28996	83.4222	48.50555	4.442094	47.05236	32.6207	14.43165	33.31754	10
1694.31	1694.938	1026.938	83.28379	75.37748	84.71727	85.28498	34.02809	9.326322	56.64559	36.15717	20.48841	31.33241	10
1694.315	1694.943	1026.943	86.29435	49.03763	86.6094	86.39459	46.30047	5.524838	48.17469	18.42832	29.74636	32.79279	10
1694.32	1694.948	1026.948	85.64955	55.37328	86.53622	87.5373	40.93038	7.586551	51.48307	32.19835	19.28472	31.93682	10
1694.325	1694.953	1026.953	80.80554	66.27688	81.62233	84.29801	43.2898	5.583576	51.12662	30.84828	20.27834	31.52371	10
1694.33	1694.958	1026.958	87.89706	44.58052	88.34331	88.02661	44.88778	6.573617	48.53861	24.3715	24.16711	32.74714	10
1694.335	1694.963	1026.963	85.88148	42.17296	86.22461	85.29531	48.12396	4.948755	46.92729	32.55174	14.37555	33.22647	10
1694.34	1694.968	1026.968	83.60187	34.91778	83.85727	83.04849	52.65681	3.103598	44.2396	23.64768	20.59192	33.86162	10
1694.345	1694.973	1026.973	77.59462	54.02777	78.02601	77.8451	52.19495	2.522034	45.28301	14.6598	30.62321	33.08829	10
1694.35	1694.978	1026.978	84.47955	51.9825	85.51899	87.02831	41.64338	7.18699	51.16963	18.71361	32.45602	31.92459	10
1694.355	1694.983	1026.983	93.72809	51.9007	94.44749	98.27942	35.6348	12.38242	51.98278	37.66842	14.31436	31.08857	10
1694.36	1694.988	1026.988	94.66947	55.7727	95.71562	98.88355	31.29941	15.23931	53.46128	23.9616	29.49967	30.88366	10
1694.365	1694.993	1026.993	92.88071	48.6087	93.73014	95.79513	36.20337	12.10528	51.69135	24.40951	27.28184	31.48001	10
1694.37	1694.998	1026.998	92.68389	56.26364	93.60561	94.67363	33.9717	12.81428	53.21402	26.41386	26.80016	31.46242	10
1694.375	1695.003	1027.003	85.54712	54.87318	86.38959	85.96122	41.48814	7.339654	51.1722	20.75793	30.41427	32.25068	10
1694.38	1695.008	1027.008	78.79585	47.48701	79.0472	79.67555	54.06805	2.073958	43.85799	23.15387	20.70411	33.38089	10
1694.385	1695.013	1027.013	75.02524	47.70478	75.13571	75.74331	58.57606	0.630677	40.79327	27.15063	13.64263	33.89732	10
1694.39	1695.018	1027.018	74.2113	45.93137	74.85842	76.3454	55.59509	1.321349	43.08356	12.65086	30.4327	33.25939	10
1694.395	1695.023	1027.023	79.59397	39.60246	79.97186	79.03414	54.26113	2.137071	43.6018	27.08032	16.52147	33.88129	10
1694.4	1695.028	1027.028	88.61984	41.5578	88.85065	85.33067	46.62392	5.9502	47.42588	32.22028	15.2056	33.60248	10
1694.405	1695.033	1027.033	93.49803	68.04746	94.27559	87.74701	31.48823	13.5764	54.93536	31.19308	23.74228	32.65766	10
1694.41	1695.038	1027.038	94.67474	56.31041	94.79266	94.63052	38.35824	10.29209	51.34967	20.08907	31.2606	32.06304	10
1694.415	1695.043	1027.043	98.9703	56.29303	99.23969	99.74854	33.23665	14.75239	52.01096	26.64094	25.37002	31.461	10
1694.42	1695.048	1027.048	93.84061	51.52699	94.45779	96.20646	36.41397	11.92324	51.66279	24.13879	27.524	31.53928	10
1694.425	1695.053	1027.053	92.89392	53.93686	93.3185	95.01679	38.19442	10.38165	51.42393	33.0512	18.37273	31.69132	10
1694.43	1695.058	1027.058	93.24398	69.89447	93.74246	94.87135	33.4379	12.08656	54.47554	33.27158	21.20396	31.34573	10
1694.435	1695.063	1027.063	94.74255	52.57603	95.02264	97.70556	37.94279	10.94707	51.11014	21.88249	29.22765	31.50956	10
1694.44	1695.068	1027.068	99.43006	56.20364	99.84979	101.1989	31.67018	16.19974	52.13008	25.00146	27.12862	31.15607	10
1694.445	1695.073	1027.073	102.108	52.21863	102.0929	103.2281	33.54102	15.52927	50.92971	30.9934	19.93631	31.33725	10
1694.45	1695.078	1027.078	103.8472	62.12987	104.3193	106.893	25.76636	22.08521	52.14843	38.70789	13.44054	30.34537	10
1694.455	1695.083	1027.083	106.7661	57.71247	106.8584	106.4736	27.09314	22.17535	50.73151	26.51346	24.21805	30.84456	10
1694.46	1695.088	1027.088	106.0972	67.26329	106.3888	106.0204	23.85233	23.81539	52.33228	28.76325	23.56904	30.70256	10
1694.465	1695.092	1027.092	105.8872	64.78844	106.4856	105.9946	22.26796	26.23045	51.50159	31.86664	19.63495	30.55229	10
1694.47	1695.097	1027.097	109.85	67.86267	110.8925	112.853	14.43597	38.13934	47.42469	23.00827	24.41642	29.1624	10
1694.475	1695.102	1027.102	112.3172	65.49382	112.9452	114.2797	15.9517	37.98559	46.06271	27.56148	18.50123	29.03301	10
1694.48	1695.107	1027.107	113.117	69.2515	113.6995	116.4546	14.65903	39.31975	46.02122	33.47871	12.54251	28.66495	10
1694.485	1695.112	1027.112	114.5817	70.15902	114.9932	117.6366	14.41696	40.14587	45.43717	37.68732	7.74985	28.51382	10
1694.49	1695.117	1027.117	117.598	80.08958	118.0459	118.2539	8.956689	48.49325	42.55006	34.15426	8.395799	28.26192	10
1694.495	1695.122	1027.122	113.8916	62.57107	114.3336	114.8229	16.65213	38.58581	44.76206	29.18411	15.57795	28.97676	10
1694.5	1695.127	1027.127	115.6347	59.81599	115.873	115.6347	17.29388	39.17322	43.5329	31.27346	12.25944	28.88772	10
1694.505	1695.132	1027.132	113.5591	66.16884	113.9219	113.638	16.70174	37.04485	46.25341	29.65856	16.59485	29.31319	10
1694.51	1695.137	1027.137	115.4476	71.69187	116.4956	116.7814	8.317243	51.90482	39.77794	31.5993	8.178643	28.094	10
1694.515	1695.142	1027.142	113.8137	57.44116	114.8713	116.292	13.19401	46.76193	40.04406	33.76062	6.283439	28.12497	10
1694.52	1695.147	1027.147	110.9925	50.06591	111.8828	113.7103	18.87104	37.4962	43.63277	22.70035	20.93242	28.91067	10
1694.525	1695.152	1027.152	110.6215	47.81553	111.6663	112.8826	18.55982	38.44863	42.99156	30.52146	12.47009	28.96117	10
1694.53	1695.157	1027.157	108.6239	51.48563	109.4446	111.0859	21.24625	32.12617	46.62758	27.49505	19.13253	29.53855	10
1694.535	1695.162	1027.162	110.5003	55.50646	111.1861	112.7449	19.59181	34.39043	46.01776	17.5438	28.47397	29.28455	10
1694.54	1695.167	1027.167	110.3647	76.2139	111.6891	114.6029	9.756359	43.20793	47.03571	32.40558	14.63013	28.85379	10
1694.545	1695.172	1027.172	112.2098	65.37838	112.994	116.8682	14.86752	39.78552	45.34696	25.43204	19.91491	28.4486	10
1694.55	1695.177	1027.177	112.9744	62.61857	113.6036	115.2395	16.03351	39.19628	44.77021	29.90228	14.86793	28.7946	10
1694.555	1695.182	1027.182	110.5336	54.88541	110.9234	113.2154	22.00586	30.90482	47.08932	31.45484	15.63448	29.42947	10
1694.56	1695.187	1027.187	109.9678	49.06563	110.3102	112.2867	24.30225	28.98866	46.70909	29.11783	17.59127	29.67049	10
1694.565	1695.192	1027.192	108.3438	52.56086	108.9161	111.422	23.16833	29.03054	47.80113	32.62274	15.17839	29.64702	10
1694.57	1695.197	1027.197	101.263	56.12114	101.7475	103.3978	29.50179	18.6335	51.86471	35.47698	16.38774	30.86648	10
1694.575	1695.202	1027.202	105.7826	56.31357	106.2425	107.5301	25.4882	24.20941	50.30239	37.71793	12.58446	30.3734	10
1694.58	1695.207	1027.207	110.5247	56.78533	110.93	111.2886	21.43407	31.19984	47.36609	29.44263	17.92346	29.77109	10
1694.585	1695.212	1027.212	110.4847	59.67929	110.8276	110.4535	21.25401	30.59312	48.15288	36.28996	11.86292	29.97544	10
1694.59	1695.217	1027.217	111.3476	64.27865	111.6759	113.5364	19.46028	32.24908	48.29064	35.82588	12.46476	29.41545	10

1694.595	1695.222	1027.222	112.6499	64.9199	113.6236	116.4661	13.1054	43.25784	43.63677	19.16049	24.47628	28.36327	10
1694.6	1695.227	1027.227	113.8093	66.04356	114.6925	119.1874	12.46798	44.84364	42.68837	19.94791	22.74047	27.8465	10
1694.605	1695.232	1027.232	114.5698	59.90151	114.9018	118.1911	17.52598	38.28518	44.18883	33.19071	10.99812	28.39686	10
1694.61	1695.237	1027.237	116.0166	59.90961	116.4458	118.5916	15.44057	42.95616	41.60327	15.49575	26.10752	28.08777	10
1694.615	1695.242	1027.242	116.8813	58.82325	117.5192	120.1183	13.29079	48.35101	38.3582	30.81448	7.543716	27.44573	10
1694.62	1695.246	1027.246	117.5639	57.83931	118.1394	117.5159	13.38392	49.04997	37.56612	18.16481	19.40131	27.88391	10
1694.625	1695.251	1027.251	117.4198	61.4596	118.4423	119.1134	9.175665	56.48594	34.33839	17.01508	17.32331	27.15693	10
1694.63	1695.256	1027.256	116.5433	63.32577	117.4831	120.4456	10.17232	52.66967	37.15802	34.62527	2.532749	27.18536	10
1694.635	1695.261	1027.261	116.3933	83.01518	117.4281	121.9813	4.808659	55.12167	40.06967	40.06967	0	-9999	10
1694.64	1695.266	1027.266	113.2174	76.03235	114.2877	116.3811	9.145215	46.69861	44.15617	26.03627	18.1199	28.468	10
1694.645	1695.271	1027.271	112.3712	57.91183	113.1715	115.1644	16.4015	39.84423	43.75427	17.49894	26.25533	28.67067	10
1694.65	1695.276	1027.276	110.0234	66.31835	110.6615	111.5954	17.78392	33.65501	48.56107	27.02881	21.53226	29.58394	10
1694.655	1695.281	1027.281	109.5977	63.99401	110.1106	112.9236	19.70885	31.29601	48.99513	31.43282	17.56231	29.40665	10
1694.66	1695.286	1027.286	107.9181	66.69407	108.5359	110.4512	19.78724	29.75366	50.4591	26.37848	24.08062	29.7894	10
1694.665	1695.291	1027.291	103.7009	59.64995	104.34	104.9638	25.20693	23.13646	51.65661	34.77204	16.88457	30.63053	10
1694.67	1695.296	1027.296	98.11016	54.84612	98.3489	99.28897	34.6156	13.66456	51.71984	29.5956	22.12424	31.51221	10
1694.675	1695.301	1027.301	94.00295	54.4061	94.00295	94.22347	40.35101	9.087943	50.56104	32.54546	18.01558	32.19712	10
1694.68	1695.306	1027.306	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1695.015	1695.639	1027.639	66.53	24.03529	66.08494	73.27336	76.42509	0	23.57491	4.265393	19.30952	31.73227	10
1695.02	1695.644	1027.644	79.68	78.93891	78.06704	75.05152	60.09159	0.061809	39.8466	13.37774	26.46886	34.50451	10
1695.025	1695.649	1027.649	90.8	103.1985	90.24741	89.01134	35.77258	8.052321	56.1751	24.5989	31.57619	31.6087	10
1695.03	1695.654	1027.654	104.38	136.684	105.0819	108.9574	5.453399	29.82309	64.72351	64.72351	0	-9999	10
1695.035	1695.659	1027.659	102.23	110.9572	102.9415	102.3662	13.58257	25.24789	61.16954	48.1282	13.04134	31.11222	10
1695.04	1695.664	1027.664	100.87	88.82291	101.2919	104.0189	22.43503	19.9404	57.62457	36.80221	20.82236	30.47371	10
1695.045	1695.669	1027.669	101.34	73.176	101.8986	104.6611	24.72981	20.42646	54.84373	25.85486	28.98888	30.44313	10
1695.05	1695.674	1027.674	106.53	54.27079	107.2988	108.9903	22.90038	28.16172	48.9379	18.66772	30.27018	29.94981	10
1695.055	1695.679	1027.679	100.41	48.01798	101.0116	101.3575	31.33991	17.96939	50.6907	25.78681	24.9039	31.23925	10
1695.06	1695.684	1027.684	96.78	41.1516	97.24029	98.45784	37.43645	12.89182	49.67173	27.04174	22.62999	31.74546	10
1695.065	1695.689	1027.689	92.83	31.24442	92.96176	93.6059	46.01414	7.38958	46.59628	33.84582	12.75046	32.93859	10
1695.07	1695.694	1027.694	92.5	30.36544	92.64622	92.80707	46.41834	7.181115	46.40054	29.57573	16.82481	33.08485	10
1695.075	1695.699	1027.699	94.54	33.70892	94.79038	96.92596	42.92521	9.362301	47.71249	18.86899	28.8435	32.25075	10
1695.08	1695.703	1027.703	96.29	38.98746	96.51234	98.02429	40.25506	10.93766	48.80727	22.56623	26.24104	32.02401	10
1695.085	1695.708	1027.708	97.02	37.54285	97.2429	98.8329	39.92877	11.4496	48.62163	26.45683	22.1648	31.97298	10
1695.09	1695.713	1027.713	97.68	41.20395	98.33537	99.15458	35.08392	14.94594	49.97013	27.35322	22.61691	31.55852	10
1695.095	1695.718	1027.718	95.48	34.42878	96.02678	94.28299	39.58907	11.78006	48.63087	24.16763	24.46324	32.55033	10
1695.1	1695.723	1027.723	95.67	39.5726	96.03972	95.59606	39.54166	11.30002	49.15831	26.38979	22.76852	32.29477	10
1695.105	1695.728	1027.728	96.06	37.57549	96.44501	97.98505	39.5477	11.5798	48.8725	28.09452	20.77797	31.93292	10
1695.11	1695.733	1027.733	94.83	37.69341	95.37551	96.1864	39.40691	11.43533	49.15777	27.44966	21.7081	32.05162	10
1695.115	1695.738	1027.738	94.3	35.71866	94.72676	96.787	41.29267	10.23702	48.47031	32.07201	16.3983	32.04698	10
1695.12	1695.743	1027.743	92.92	37.3227	93.1836	92.72962	43.43858	8.496419	48.065	29.31534	18.74966	32.75596	10
1695.125	1695.748	1027.748	93.44	34.81582	93.63072	94.4523	44.13166	8.333655	47.53468	28.45184	19.08284	32.63393	10
1695.13	1695.753	1027.753	91.74	37.08137	92.11921	93.02348	43.68662	8.208864	48.10452	21.64352	26.461	32.51923	10
1695.135	1695.758	1027.758	91.63	33.01865	91.73204	92.34427	46.91909	6.60194	46.47897	21.13012	25.34885	33.03431	10
1695.14	1695.763	1027.763	90.96	33.14272	90.97454	91.48359	48.18354	5.822292	45.99416	24.43806	21.5561	33.21929	10
1695.145	1695.768	1027.768	90.76	40.9991	91.414	91.61746	41.51055	9.028102	49.46134	32.33559	17.12576	32.35681	10
1695.15	1695.773	1027.773	91.86	36.01835	92.39984	93.82968	42.58861	8.964881	48.4465	34.4889	13.95761	32.2982	10
1695.155	1695.778	1027.778	93.8	31.68405	93.97629	94.57861	44.67023	8.303454	47.02632	26.08314	20.94318	32.77009	10
1695.16	1695.783	1027.783	93.72	38.76781	94.20461	94.7039	40.64009	10.28496	49.07495	32.72742	16.34753	32.2423	10
1695.165	1695.788	1027.788	93.92	48.13255	94.53731	95.43389	37.16134	11.76023	51.07844	25.00605	26.07239	31.77079	10
1695.17	1695.793	1027.793	94.57	57.77461	94.67311	93.49467	38.21501	10.23792	51.54706	31.97239	19.57467	32.22245	10
1695.175	1695.798	1027.798	95.38	53.58816	95.77883	97.69914	36.19111	12.16713	51.64175	35.14877	16.49298	31.47595	10
1695.18	1695.803	1027.803	93.87	56.94414	94.69291	95.48642	33.4816	13.38239	53.13601	28.67394	24.46207	31.4612	10
1695.185	1695.808	1027.808	94.85	44.38474	95.23335	94.48139	39.02592	11.02996	49.94412	23.53776	26.40636	32.27763	10
1695.19	1695.813	1027.813	96.33	35.04122	96.80431	98.64228	39.2205	12.15774	48.62176	35.31215	13.30961	31.83996	10
1695.195	1695.818	1027.818	100.99	33.08132	101.5779	99.754	34.52766	17.52842	47.94391	15.08114	32.86277	31.86248	10
1695.2	1695.823	1027.823	106.48	41.76208	107.0488	108.2016	27.52413	25.2876	47.18826	17.02127	30.167	30.30852	10
1695.205	1695.828	1027.828	108.72	43.94456	109.1694	110.1456	25.86029	27.75586	46.38386	17.28933	29.09452	30.01758	10
1695.21	1695.833	1027.833	111.14	44.11097	111.4214	113.3909	24.89575	29.95006	45.15419	15.77834	29.37585	29.51432	10
1695.215	1695.838	1027.838	109.98	44.74623	110.2446	111.6612	25.93888	27.83194	46.22918	26.35509	19.87409	29.88065	10
1695.22	1695.843	1027.843	111.24	47.62284	111.756	113.6324	22.13537	33.22285	44.64178	33.91369	10.72809	29.22088	10
1695.225	1695.848	1027.848	112.94	43.6248	113.176	112.8299	23.7089	32.61303	43.67807	12.96399	30.71408	29.57888	10
1695.23	1695.853	1027.853	111.15	40.49927	111.5564	112.4786	24.79159	31.23695	43.97146	26.61248	17.35898	29.5724	10
1695.235	1695.857	1027.857	110.78	50.9656	111.2796	112.3724	21.87705	32.38733	45.73563	33.42672	12.30891	29.4831	10
1695.24	1695.862	1027.862	113.58	40.08905	113.8323	113.3277	23.84956	33.82065	42.32979	28.71436	13.61543	29.43572	10
1695.245	1695.867	1027.867	114.39	40.65281	114.5956	114.0263	23.32986	34.8146	41.85555	12.82191	29.03364	29.29554	10
1695.25	1695.872	1027.872	113.84	40.8856	114.0452	112.893	23.78279	33.73759	42.47962	25.40511	17.0745	29.55111	10
1695.255	1695.877	1027.877	112.16	43.15056	112.5993	111.658	22.96587	33.727	43.30713	23.58631	19.72082	29.61958	10
1695.26	1695.882	1027.882	111.45	47.80337	111.5439	112.0603	25.16992	28.46033	46.36975	27.02337	19.34639	29.92467	10
1695.265	1695.887	1027.887	112.08	44.07288	112.4094	112.4721	23.66814	32.23788	44.09398	23.40403	20.68995	29.58882	10
1695.27	1695.892	1027.892	110.78	38.2505	111.0454	110.4365	26.76895	28.74154	44.48951	25.95204	18.53747	30.13488	10
1695.275	1695.897	1027.897	109.93	37.78208	110.1635	109.7121	27.9118	26.92666	45.16154	14.02374	31.1378	30.33835	10
1695.28	1695.902	1027.902	108.46	36.99682	108.5838	107.7014	30.30375	23.42923	46.26703	23.58647	22.68056	30.86457	10
1695.285	1695.907	1027.907	109.27	38.68432	109.565	108.9905	27.82351	26.61215	45.56434	31.27549	14.28885	30.41441	10

1695.29	1695.912	1027.912	109.17	39.38442	109.4805	109.6667	27.62658	26.66848	45.70494	31.73849	13.96645	30.2687	10
1695.295	1695.917	1027.917	110.07	31.27778	110.5216	111.2222	27.66684	29.21556	43.1176	12.65606	30.46154	29.88602	10
1695.3	1695.922	1027.922	108.21	36.29198	108.674	109.4783	28.06797	26.56755	45.36449	16.99517	28.36931	30.20741	10
1695.305	1695.927	1027.927	107.82	31.40601	108.2216	109.4574	30.09278	24.9753	44.93193	17.57056	27.36136	30.34371	10
1695.31	1695.932	1027.932	107.52	32.42449	107.8286	107.8903	30.84314	23.64532	45.51154	31.95536	13.55618	30.71738	10
1695.315	1695.937	1027.937	105.34	31.4178	105.8605	106.7331	31.45022	22.46005	46.08973	13.90354	32.18619	30.75599	10
1695.32	1695.942	1027.942	105.75	30.22152	105.888	105.9493	34.32693	19.43493	46.23814	26.60266	19.63548	31.29757	10
1695.325	1695.947	1027.947	103.39	40.46945	103.9677	103.1012	30.61055	20.91272	48.47673	27.23321	21.24352	31.20059	10
1695.33	1695.952	1027.952	103.96	30.91989	103.9905	103.1678	36.63805	16.41132	46.95063	18.83848	28.11215	31.87698	10
1695.335	1695.957	1027.957	103.32	33.47117	103.472	103.0768	35.66769	16.8622	47.47011	22.58765	24.88246	31.69265	10
1695.34	1695.962	1027.962	101.99	32.6405	102.3833	101.7782	35.22245	17.19239	47.58516	18.47752	29.10764	31.69151	10
1695.345	1695.967	1027.967	101.84	38.20127	102.1877	102.8983	34.36757	17.04959	48.58283	20.44123	28.14161	31.39141	10
1695.35	1695.972	1027.972	99.7	41.93005	99.88002	100.2401	36.73379	13.88062	49.38559	34.54286	14.84272	31.80503	10
1695.355	1695.977	1027.977	98.37	41.88395	98.13109	96.56327	41.21521	10.02526	48.75953	30.6626	18.09693	32.74609	10
1695.36	1695.982	1027.982	98.77	41.73347	99.21861	97.78305	35.55534	14.74965	49.69502	25.8545	23.84051	32.00602	10
1695.365	1695.987	1027.987	103.84	38.32705	104.4339	104.8298	30.58938	21.50164	47.90898	22.29238	25.61661	30.91529	10
1695.37	1695.992	1027.992	108.28	38.79693	108.3883	108.2026	30.15425	23.1303	46.71545	26.97561	19.73984	30.76198	10
1695.375	1695.997	1027.997	105.83	28.58393	106.3054	107.3482	32.03474	22.55008	45.41518	30.65614	14.75904	30.73184	10
1695.38	1696.002	1028.002	101.98	29.09414	102.8573	103.9766	32.33845	20.69972	46.96183	17.60341	29.35842	30.97724	10
1695.385	1696.006	1028.006	101.83	35.82436	102.1626	101.4974	35.06941	16.76288	48.16772	15.92397	32.24375	31.71445	10
1695.39	1696.011	1028.011	103.71	47.66778	104.0144	105.3386	30.69208	19.52982	49.77811	25.76188	24.01622	30.88322	10
1695.395	1696.016	1028.016	102.45	44.26061	102.753	105.1165	32.68655	17.80458	49.50887	25.03361	24.47526	30.92212	10
1695.4	1696.021	1028.021	101.86	47.49251	102.1019	102.752	32.9208	16.89637	50.18284	27.13948	23.04336	31.30799	10
1695.405	1696.026	1028.026	104.63	43.03389	104.7216	104.1872	32.61614	18.51623	48.86762	22.70631	26.16131	31.38299	10
1695.41	1696.031	1028.031	109.34	44.14102	109.3866	109.4798	28.36397	24.3698	47.26623	29.57913	17.68711	30.51488	10
1695.415	1696.036	1028.036	109.3	43.80163	109.3621	109.9987	28.36264	24.45691	47.18045	18.69861	28.48183	30.40723	10
1695.42	1696.041	1028.041	108.88	42.24687	109.0506	110.6941	28.28481	24.89734	46.81785	30.59274	16.22511	30.18986	10
1695.425	1696.046	1028.046	112.65	43.34296	112.9329	113.4358	23.68067	32.66059	43.65875	16.23428	27.42446	29.43057	10
1695.43	1696.051	1028.051	112.29	55.16081	113.1534	114.6918	16.65288	40.309	43.03812	23.14942	19.8887	28.6856	10
1695.435	1696.056	1028.056	114.18	53.17796	114.6067	115.0176	18.77846	38.35073	42.87081	20.06157	22.80924	28.87083	10
1695.44	1696.061	1028.061	114.65	63.34486	115.0932	114.9666	15.75763	40.29305	43.94931	25.71351	18.2358	28.89404	10
1695.445	1696.066	1028.066	116.5	62.29721	116.9143	117.5836	14.53319	44.02911	41.4377	18.05111	23.38659	28.25507	10
1695.45	1696.071	1028.071	111.57	63.68702	112.3844	113.8878	15.6319	38.68686	45.68124	23.04588	22.63536	28.98514	10
1695.455	1696.076	1028.076	112.48	67.53285	113.5795	115.4016	11.65424	44.72255	43.62322	30.08421	13.53901	28.52647	10
1695.46	1696.081	1028.081	112.39	56.09995	113.0024	115.091	18.27863	37.29994	44.42143	30.14483	14.2766	28.81799	10
1695.465	1696.086	1028.086	115.93	50.05289	116.1208	116.7092	19.75266	38.43116	41.81618	25.85789	15.95829	28.66663	10
1695.47	1696.091	1028.091	116.71	44.19403	116.997	117.2522	19.70735	41.27724	39.01541	17.17041	21.845	28.32734	10
1695.475	1696.096	1028.096	115.29	51.51425	115.3535	115.8135	20.97494	35.29834	43.72672	13.93398	29.79274	29.05676	10
1695.48	1696.101	1028.101	114.82	43.58214	115.1051	116.3247	21.60912	37.03363	41.35725	22.40257	18.95467	28.7199	10
1695.485	1696.106	1028.106	114.59	40.39405	114.9065	116.8213	22.34894	36.78743	40.86363	18.06611	22.79753	28.61428	10
1695.49	1696.111	1028.111	112.77	41.04944	112.8643	111.8895	25.58649	30.27768	44.13583	30.46425	13.67158	29.9447	10
1695.495	1696.116	1028.116	114.07	47.76378	114.3543	115.2232	21.29309	35.75601	42.9509	25.52019	17.43072	28.98965	10
1695.5	1696.121	1028.121	113.63	50.53568	114.1504	114.939	19.19733	38.3052	42.49747	23.23103	19.26644	28.8213	10
1695.505	1696.126	1028.126	114.4	50.53817	114.653	115.333	20.5608	36.17337	43.26582	32.4123	10.85353	28.98184	10
1695.51	1696.131	1028.131	112.22	38.28673	112.3456	112.1729	26.51911	29.52202	43.95887	32.06239	11.89648	29.90586	10
1695.515	1696.136	1028.136	111.32	50.93743	111.6641	111.0854	22.59188	31.49167	45.91645	23.83478	22.08167	29.84084	10
1695.52	1696.141	1028.141	110.42	47.0984	111.0437	111.3399	22.18238	32.93105	44.88657	21.0494	23.83717	29.5823	10
1695.525	1696.146	1028.146	109.35	46.24052	109.7849	110.608	24.83768	28.79863	46.36369	30.59012	15.77357	29.91643	10
1695.53	1696.151	1028.151	109.15	49.76012	109.6621	110.733	23.57089	29.55306	46.87605	33.33884	13.5372	29.81469	10
1695.535	1696.156	1028.156	107.76	49.06279	108.1461	109.7058	25.99556	25.91544	48.089	17.28967	30.79933	30.11285	10
1695.54	1696.16	1028.16	108.47	56.56187	108.9035	110.4363	23.15994	28.03134	48.80872	24.00846	24.80026	29.90729	10
1695.545	1696.165	1028.165	108.98	48.25019	109.3057	110.345	25.53745	27.12996	47.3326	18.17918	29.15341	30.05192	10
1695.55	1696.17	1028.17	110.32	35.37341	110.772	110.0862	26.44221	29.93883	43.61897	22.24581	21.37316	30.04139	10
1695.555	1696.175	1028.175	109.46	46.20182	109.6775	110.2835	26.43017	26.56677	47.00306	26.8871	20.11597	30.17401	10
1695.56	1696.18	1028.18	113.02	52.65821	113.4292	115.3018	20.10739	35.67207	44.22054	15.64537	28.57517	28.91753	10
1695.565	1696.185	1028.185	113.18	53.84363	113.7154	114.6758	18.69525	37.77573	43.52902	18.8504	24.67862	28.90208	10
1695.57	1696.19	1028.19	110.13	51.44863	110.8153	111.4694	20.9188	33.40111	45.6801	25.19211	20.48799	29.51679	10
1695.575	1696.195	1028.195	109.09	42.03752	109.4625	110.5178	26.5774	27.39693	46.02567	16.6678	29.35787	30.02498	10
1695.58	1696.2	1028.2	104.56	47.79867	104.4073	104.6516	33.42067	16.66827	49.91105	19.50988	30.40118	31.41533	10
1695.585	1696.205	1028.205	101.74	44.49017	101.9818	104.0674	33.75858	16.56316	49.67826	31.5812	18.09706	31.11649	10
1695.59	1696.21	1028.21	100.41	44.92045	100.5153	100.5604	35.93611	14.24754	49.81636	26.76798	23.04838	31.77438	10
1695.595	1696.215	1028.215	95.75	46.34563	95.38019	94.72934	43.56035	7.750262	48.68939	31.21909	17.4703	32.83292	10
1695.6	1696.22	1028.22	95.44	42.56694	95.07059	95.61732	44.75691	7.30319	47.9399	20.51013	27.42978	32.78555	10
1695.605	1696.225	1028.225	98.78	37.73348	98.49589	99.12392	42.19274	9.773946	48.03332	26.33718	21.69613	32.48363	10
1695.61	1696.23	1028.23	101.54	38.85244	101.7061	103.2917	35.89354	15.40547	48.70099	30.63836	18.06263	31.43521	10
1695.615	1696.235	1028.235	106.33	35.39142	106.499	106.8063	32.30176	20.82342	46.87482	27.70941	19.16541	31.00673	10
1695.62	1696.24	1028.24	114.09	41.433	114.3586	114.2638	22.92909	35.14866	41.92225	12.81516	29.10709	29.19173	10
1695.625	1696.245	1028.245	110.07	45.30688	110.8019	112.2969	22.09887	33.41751	44.48362	14.11962	30.36401	29.33055	10
1695.63	1696.25	1028.25	111	52.06387	112.2188	113.3906	15.83523	41.73481	42.42996	21.1637	21.26625	28.74037	10
1695.635	1696.255	1028.255	118.75	37.70302	119.0552	118.4448	19.26067	46.13087	34.60846	23.90687	10.7016	27.7272	10
1695.64	1696.26	1028.26	118.94	35.0826	119.1329	119.5829	20.59042	44.44931	34.96026	19.55046	15.40981	27.66994	10
1695.645	1696.265	1028.265	117.01	36.34346	117.2494	117.0579	21.69997	40.67815	37.62189	23.79017	13.83172	28.38257	10
1695.65	1696.27	1028.27	110.14	60.70841	111.1993	111.1214	15.7699	38.4643	45.7658	34.82556	10.94024	29.3813	10

1695.655	1696.275	1028.275	108.63	56.69866	109.9778	111.0158	15.89383	38.3258	45.78037	27.71933	18.06104	29.2811	10
1695.66	1696.28	1028.28	112.61	47.6498	112.83	112.9243	23.16253	32.06106	44.77642	28.00975	16.76667	29.58055	10
1695.665	1696.285	1028.285	104.42	42.94824	104.71	105.5495	31.29252	19.96574	48.74174	24.03157	24.71017	30.95742	10
1695.67	1696.29	1028.29	101.8	46.31478	101.8907	103.0546	34.43297	15.61532	49.9517	18.66777	31.28393	31.38244	10
1695.675	1696.295	1028.295	100.91	45.3468	101.121	102.5223	34.554	15.52207	49.92392	31.75553	18.16839	31.35506	10
1695.68	1696.3	1028.3	100.33	50.02507	100.8563	103.3676	31.51142	17.47768	51.0109	30.65447	20.35643	30.86538	10
1695.685	1696.305	1028.305	99.79	42.34052	100.1352	100.4203	35.27157	15.1224	49.60604	19.38108	30.22496	31.64179	10
1695.69	1696.31	1028.31	95.59	47.887	95.45695	96.53614	41.49969	9.031239	49.46907	27.5329	21.93617	32.22763	10
1695.695	1696.314	1028.314	100.11	47.60686	100.5157	100.4856	33.23401	16.22682	50.53917	34.34126	16.19791	31.49754	10
1695.7	1696.319	1028.319	97.93	60.21806	98.60096	97.70635	30.13171	16.58201	53.28629	27.59437	25.69192	31.47803	10
1695.705	1696.324	1028.324	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1696.025	1696.642	1028.642	108.3	79.72	107.69	107.05	25.79926	18.60306	55.59768	26.3981	29.19957	31.15533	10
1696.03	1696.647	1028.647	109.02	79.19	108.24	107.06	26.58262	17.58925	55.82813	28.69841	27.12972	31.35341	10
1696.035	1696.652	1028.652	110.68	81.87	109.69	108.59	26.03436	17.18755	56.77809	28.2148	28.56329	31.37684	10
1696.04	1696.657	1028.657	110.9	79.34	110.36	110.61	22.95672	22.3227	54.72058	38.78055	15.94003	30.63552	10
1696.045	1696.662	1028.662	110.3	105.29	109.11	105.59	22.26632	16.23908	61.4946	39.09716	22.39744	31.93967	10
1696.05	1696.667	1028.667	108.63	91.11	107.61	105.51	25.91678	15.5966	58.48662	36.52157	21.96505	31.69119	10
1696.055	1696.672	1028.672	108.71	68.56	107.55	106.9	32.38528	12.74842	54.8663	37.89769	16.96862	31.86391	10
1696.06	1696.677	1028.677	101.63	49.89	101.41	100.11	36.13202	13.39443	50.47355	17.07148	33.40207	32.07845	10
1696.065	1696.682	1028.682	106.63	97.02	105.18	103.45	29.65906	10.49895	59.84199	36.41739	23.4246	32.06312	10
1696.07	1696.687	1028.687	110.11	218.59	107.12	101.92	8.97252	5.407769	85.61971	67.33593	18.28378	34.06867	10
1696.075	1696.692	1028.692	116.04	143.03	116.34	113.66	0	46.62343	53.37657	53.37657	0	-9999	10
1696.08	1696.697	1028.697	121.45	132.42	122.62	123.7	0	77.84678	22.15322	22.15322	0	-9999	10
1696.085	1696.702	1028.702	119.51	129.85	119.82	119.84	0	54.43708	45.56292	45.56292	0	-9999	10
1696.09	1696.707	1028.707	114.88	147.36	114.59	114.05	0.89678	35.92158	63.18164	63.18164	0	-9999	10
1696.095	1696.712	1028.712	114.91	146.67	115.47	116.15	0	48.21269	51.78731	51.78731	0	-9999	10
1696.1	1696.717	1028.717	114.2	121.85	114.19	113.64	5.5258	36.91462	57.55958	47.38714	10.17244	-9999	10
1696.105	1696.722	1028.722	114.3	122.98	114.2	112.7	5.85784	35.92496	58.2172	54.78526	3.431935	-9999	10
1696.11	1696.727	1028.727	116.4	122.18	116.25	116.68	4.50694	39.04637	56.44669	56.44669	0	-9999	10
1696.115	1696.732	1028.732	117.16	148.45	117	118.53	0	42.16291	57.83709	57.83709	0	-9999	10
1696.12	1696.737	1028.737	116.2	130.26	115.55	115.29	6.61058	31.70056	61.68886	52.73673	8.952128	-9999	10
1696.125	1696.742	1028.742	114.49	115.32	114.41	114.12	7.38176	36.02786	56.59038	50.65663	5.933749	-9999	10
1696.13	1696.747	1028.747	112.94	112.97	113.02	109.86	8.13646	35.24801	56.61553	44.97861	11.63692	30.8556	10
1696.135	1696.752	1028.752	114.13	122.58	114.29	113.79	4.09604	39.1918	56.71216	50.29552	6.416633	-9999	10
1696.14	1696.757	1028.757	111.98	118.27	112.16	111.55	6.96206	35.18438	57.85356	50.37725	7.476319	-9999	10
1696.145	1696.762	1028.762	110.28	116.39	110.17	109.7	11.22852	28.88019	59.89129	54.94707	4.94422	30.7909	10
1696.15	1696.767	1028.767	112.46	125.12	112.05	111.4	9.43526	29.05068	61.51406	42.4983	19.01576	30.93446	10
1696.155	1696.771	1028.771	112.19	112.08	112.16	113.19	9.89434	32.49669	57.60897	51.49888	6.110094	30.21266	10
1696.16	1696.776	1028.776	112.37	132.27	112.21	113.29	5.85026	32.52126	61.62848	48.70468	12.9238	-9999	10
1696.165	1696.781	1028.781	111.71	132.14	111.46	107.54	7.18642	30.3971	62.41648	54.18394	8.232541	-9999	10
1696.17	1696.786	1028.786	113.75	127.5	113.57	112.1	5.89	34.18751	59.92249	46.70604	13.21645	-9999	10
1696.175	1696.791	1028.791	114.46	128.7	114.96	115.04	0	45.10447	54.89553	54.89553	0	-9999	10
1696.18	1696.796	1028.796	111.46	123.22	111.13	109.87	10.19506	28.47619	61.32875	55.81753	5.51122	31.05145	10
1696.185	1696.801	1028.801	110.75	156.5	109.53	103.98	9.692	19.75624	70.55176	50.4272	20.12457	32.77703	10
1696.19	1696.806	1028.806	112.07	151.43	111.49	110.09	4.74454	28.20844	67.04702	63.53737	3.509655	-9999	10
1696.195	1696.811	1028.811	113	157.98	112.87	113.66	0	35.65634	64.34366	64.34366	0	-9999	10
1696.2	1696.816	1028.816	113.29	153.67	113.63	111.06	0	42.10279	57.89721	57.89721	0	-9999	10
1696.205	1696.821	1028.821	111.9	150.52	111.66	110.7	2.48616	32.04113	65.47271	65.22663	0.246085	-9999	10
1696.21	1696.826	1028.826	109.91	98.64	109.76	108.81	16.17442	26.70572	57.11986	44.24649	12.87338	30.70869	10
1696.215	1696.831	1028.831	111	114.22	111.19	110.17	8.76626	33.34689	57.88685	39.88335	18.0035	30.6739	10
1696.22	1696.836	1028.836	110.41	159.13	109.86	108.8	4.17584	26.9927	68.83146	64.09533	4.736129	-9999	10
1696.225	1696.841	1028.841	111.01	197.65	111.24	110.76	0	39.47275	60.52725	60.52725	0	-9999	10
1696.23	1696.846	1028.846	111.55	215.89	111.61	112	0	39.55984	60.44016	60.44016	0	-9999	10
1696.235	1696.851	1028.851	112.74	181.91	113.06	113.33	0	42.66941	57.33059	57.33059	0	-9999	10
1696.24	1696.856	1028.856	112.33	201.65	112.52	111.05	0	41.56133	58.43867	58.43867	0	-9999	10
1696.245	1696.861	1028.861	111.15	202.8	111.8	114.98	0	45.16772	54.83228	54.83228	0	-9999	10
1696.25	1696.866	1028.866	109.36	198.95	109.33	103.14	0	34.0153	65.9847	65.9847	0	-9999	10
1696.255	1696.871	1028.871	107.9	177.36	108	108.26	0	31.86238	68.13762	68.13762	0	-9999	10
1696.26	1696.876	1028.876	108.38	145.41	108.37	107.53	5.17868	29.24134	65.57998	57.68594	7.894046	-9999	10
1696.265	1696.881	1028.881	108.38	114.43	108.04	106.04	15.23334	23.76195	61.00471	40.69915	20.30556	31.26506	10
1696.27	1696.886	1028.886	106.79	123.54	106.48	107.02	14.25902	22.8222	62.91878	36.67381	26.24496	30.95486	10
1696.275	1696.891	1028.891	106.71	109.58	106.76	108.09	14.92094	25.19797	59.88109	47.57305	12.30804	30.56935	10
1696.28	1696.896	1028.896	107.5	130.1	107.64	112.43	8.5308	28.51891	62.95029	43.71606	19.23423	30.20348	10
1696.285	1696.901	1028.901	107.94	117.61	108.22	109.81	10.06358	29.72629	60.21013	50.02986	10.18028	30.51062	10
1696.29	1696.906	1028.906	107.64	109.12	107.84	110.92	13.01416	27.90159	59.08425	41.51874	17.5655	30.13585	10
1696.295	1696.911	1028.911	107.91	125.21	107.74	107.33	11.73948	25.62939	62.63113	40.18272	22.44841	31.085	10
1696.3	1696.916	1028.916	107.5	140.51	107.31	107.5	8.56908	25.95479	65.47613	53.12198	12.35414	31.27062	10
1696.305	1696.921	1028.921	108.93	176.95	107.74	108.45	6.185	19.94188	73.87312	64.09198	9.781142	-9999	10
1696.31	1696.925	1028.925	109.04	204.33	107.67	105.57	0.85284	20.07082	79.07634	79.07634	0	-9999	10
1696.315	1696.93	1028.93	107.65	175.33	107.93	111.13	0	33.19358	66.80642	66.80642	0	-9999	10
1696.32	1696.935	1028.935	107.29	182.72	107.25	106.12	0	30.01116	69.98884	69.98884	0	-9999	10
1696.325	1696.94	1028.94	109.79	181.24	109.49	110.86	0	30.46497	69.53503	69.53503	0	-9999	10
1696.33	1696.945	1028.945	111.98	196.71	111.46	109.72	0	31.87199	68.12801	68.12801	0	-9999	10

1696.335	1696.95	1028.95	109.65	177.53	108.66	105.51	3.83224	22.65768	73.51008	70.6375	2.872582	-9999	10
1696.34	1696.955	1028.955	107.9	120.6	107.78	105.13	12.4768	25.80757	61.71563	49.61166	12.10397	31.41795	10
1696.345	1696.96	1028.96	108.43	122.06	107.85	104.92	15.20088	21.90178	62.89734	50.99072	11.90663	31.60377	10
1696.35	1696.965	1028.965	108.2	142.61	107.49	102.92	11.44688	21.74914	66.80398	51.86309	14.94089	32.21705	10
1696.355	1696.97	1028.97	106.88	131.81	105.63	101.15	19.45988	14.79397	65.74615	32.89874	32.84741	32.24128	10
1696.36	1696.975	1028.975	108.18	165.81	105.89	101.83	18.09588	8.259821	73.6443	41.77093	31.87337	32.78297	10
1696.365	1696.98	1028.98	108.94	162.93	107.1	105.04	14.60614	12.5848	72.80906	57.01303	15.79603	32.30186	10
1696.37	1696.985	1028.985	107.46	131.47	107.51	107.51	8.93356	27.66146	63.40498	42.63225	20.77272	31.1182	10
1696.375	1696.99	1028.99	107.72	164.66	107.31	105.61	4.22738	25.68371	70.08891	60.98532	9.103592	-9999	10
1696.38	1696.995	1028.995	108.5	186.61	106.84	103.57	7.88538	15.69302	76.4216	60.43963	15.98197	-9999	10
1696.385	1697	1029	105.41	152.83	104.86	104.57	10.30044	21.20305	68.49651	64.26884	4.22767	31.55652	10
1696.39	1697.005	1029.005	105.73	142.69	105.13	99.77	12.84742	20.38247	66.77011	44.96143	21.80868	32.33378	10
1696.395	1697.01	1029.01	106.16	193	105.57	103.68	0.1993	24.27588	75.52482	75.52482	0	-9999	10
1696.4	1697.015	1029.015	106.64	206.14	105.14	99.09	3.63032	17.42955	78.94013	73.73777	5.202359	-9999	10
1696.405	1697.02	1029.02	105.58	211.83	104.3	97.98	1.52354	19.06719	79.40927	79.40927	0	-9999	10
1696.41	1697.025	1029.025	104.87	199.47	104.23	101.37	0.20786	23.08892	76.70322	76.70322	0	-9999	10
1696.415	1697.03	1029.03	106.1	220.08	104.64	100.62	0.44364	18.40705	81.14931	81.14931	0	-9999	10
1696.42	1697.035	1029.035	108.57	185.55	107.37	102.16	4.5125	20.1385	75.349	75.349	0	-9999	10
1696.425	1697.04	1029.04	111.52	134.03	110.76	105.8	10.85634	24.21961	64.92405	55.842	9.082052	32.1014	10
1696.43	1697.045	1029.045	116.35	167.51	115.16	108.98	1.64308	26.4906	71.86632	71.86632	0	-9999	10
1696.435	1697.05	1029.05	113.76	176.06	113.65	113.61	0	38.42406	61.57594	61.57594	0	-9999	10
1696.44	1697.055	1029.055	117.07	164.73	117.23	115.96	0	48.19969	51.80031	51.80031	0	-9999	10
1696.445	1697.06	1029.06	117.47	154.9	117.25	116.04	0	42.25558	57.74442	57.74442	0	-9999	10
1696.45	1697.065	1029.065	115.1	141.08	115.35	115.11	0	43.69245	56.30755	56.30755	0	-9999	10
1696.455	1697.07	1029.07	115.35	157.44	114.06	110.23	5.77502	23.30083	70.92415	58.2221	12.70205	-9999	10
1696.46	1697.075	1029.075	114.63	161.59	114.1	112.74	0	33.13131	66.86869	66.86869	0	-9999	10
1696.465	1697.079	1029.079	114.68	125.96	115.05	115.66	1.14458	43.52522	55.3302	55.3302	0	-9999	10
1696.47	1697.084	1029.084	112.6	131.08	113.02	115.68	1.43164	40.27353	58.29483	58.29483	0	-9999	10
1696.475	1697.089	1029.089	114.8	140.19	115.06	112.35	0	43.14916	56.85084	56.85084	0	-9999	10
1696.48	1697.094	1029.094	114.18	151.55	114.94	112.17	0	49.74347	50.25653	50.25653	0	-9999	10
1696.485	1697.099	1029.099	116.18	149.05	116.39	118	0	45.95119	54.04881	54.04881	0	-9999	10
1696.49	1697.104	1029.104	117.92	154.2	117.57	114.9	0	40.97518	59.02482	59.02482	0	-9999	10
1696.495	1697.109	1029.109	117.87	174.67	116.98	114.93	0	33.54554	66.45446	66.45446	0	-9999	10
1696.5	1697.114	1029.114	117.16	179.53	117.12	116.45	0	46.17913	53.82087	53.82087	0	-9999	10
1696.505	1697.119	1029.119	117.16	175.26	116.31	114.29	0	33.16287	66.83713	66.83713	0	-9999	10
1696.51	1697.124	1029.124	117.8	214.01	116.59	114.84	0	31.06015	68.93985	68.93985	0	-9999	10
1696.515	1697.129	1029.129	117.43	160.93	116.33	115.76	1.54434	28.71684	69.73882	69.73882	0	-9999	10
1696.52	1697.134	1029.134	116.81	172.89	116.19	118.21	0	35.99413	64.00587	64.00587	0	-9999	10
1696.525	1697.139	1029.139	118.25	185.71	117.54	114.46	0	37.79564	62.20436	62.20436	0	-9999	10
1696.53	1697.144	1029.144	116.14	147.27	115.51	112.09	2.39436	33.05188	64.55376	64.55376	0	-9999	10
1696.535	1697.149	1029.149	117.27	152.32	116.88	111.74	0	38.98067	61.01933	61.01933	0	-9999	10
1696.54	1697.154	1029.154	116.08	129.71	116.09	110.22	1.73908	41.36573	56.89519	56.89519	0	-9999	10
1696.545	1697.159	1029.159	115.98	126.54	115.92	111.33	3.14072	39.89035	56.96893	56.96893	0	-9999	10
1696.55	1697.164	1029.164	115.82	145.39	115.39	113.22	1.59372	35.35757	63.04871	63.04871	0	-9999	10
1696.555	1697.169	1029.169	110.76	212.08	108.08	103.78	7.54744	8.062477	84.39008	80.50944	3.880643	-9999	10
1696.56	1697.174	1029.174	115.51	195.55	114.14	107.64	0	24.93194	75.06806	75.06806	0	-9999	10
1696.565	1697.179	1029.179	114.44	156.99	113.52	109.74	3.85362	27.26063	68.88575	65.23773	3.648023	-9999	10
1696.57	1697.184	1029.184	113.23	130.81	111.53	109.41	17.34738	14.40179	68.25083	43.2319	25.01893	32.08874	10
1696.575	1697.189	1029.189	112.06	126.18	110.31	109.12	19.93174	12.74702	67.32124	51.91858	15.40266	31.9438	10
1696.58	1697.194	1029.194	113.67	163.24	112.28	108.63	6.69202	20.76477	72.54321	70.93241	1.610802	-9999	10
1696.585	1697.199	1029.199	112.57	134.72	112.29	113.41	6.00336	31.48834	62.5083	62.5083	0	-9999	10
1696.59	1697.204	1029.204	112.76	129.57	112.86	112.49	4.12986	36.30838	59.56176	59.56176	0	-9999	10
1696.595	1697.209	1029.209	113.22	150.22	112.35	110.46	6.22686	25.97492	67.79822	54.29038	13.50784	-9999	10
1696.6	1697.214	1029.214	116.44	164.71	116.14	117.43	0	39.69612	60.30388	60.30388	0	-9999	10
1696.605	1697.219	1029.219	115.91	138.06	115.53	114.39	2.89728	35.75359	61.34913	61.34913	0	-9999	10
1696.61	1697.224	1029.224	116.58	165.24	116.05	113.16	0	36.47296	63.52704	63.52704	0	-9999	10
1696.615	1697.229	1029.229	117.45	167.77	117.02	118.33	0	39.71653	60.28347	60.28347	0	-9999	10
1696.62	1697.233	1029.233	118.94	138.91	119.02	116.15	0	49.46182	50.53818	50.53818	0	-9999	10
1696.625	1697.238	1029.238	120.26	148.58	119.4	116.27	0.06944	36.1001	63.83046	63.83046	0	-9999	10
1696.63	1697.243	1029.243	121.05	157.53	120.19	117.17	0	38.07696	61.92304	61.92304	0	-9999	10
1696.635	1697.248	1029.248	119.11	126.38	118.39	115.2	5.41484	35.08135	59.50381	59.50381	0	-9999	10
1696.64	1697.253	1029.253	120.36	85.41	119.8	117.15	12.93958	37.4658	49.59462	41.6149	7.979717	29.53377	10
1696.645	1697.258	1029.258	119.95	116.5	118.47	115.47	12.923	22.60886	64.46814	51.66847	12.79967	31.53188	10
1696.65	1697.263	1029.263	120.89	116.38	119.16	114.88	14.02474	19.2285	66.74676	42.73702	24.00974	32.0629	10
1696.655	1697.268	1029.268	119.89	95.49	118.06	116.11	20.77512	15.18884	64.03604	34.39115	29.6449	31.76047	10
1696.66	1697.273	1029.273	119.14	89.22	117.86	117.29	18.71996	23.17577	58.10427	31.06969	27.03457	30.62318	10
1696.665	1697.278	1029.278	119.02	81.24	117.84	117.37	19.98652	24.14468	55.8688	28.3702	27.4986	30.42722	10
1696.67	1697.283	1029.283	120.01	66.78	119.44	117.76	17.84754	35.33946	46.813	30.70885	16.10415	29.27924	10
1696.675	1697.288	1029.288	120.64	76.4	120.21	121.29	13.8549	39.84213	46.30297	39.80004	6.502938	28.42994	10
1696.68	1697.293	1029.293	122.61	72.09	122.1	120.41	13.70552	42.32103	43.97345	29.95605	14.01739	28.45003	10
1696.685	1697.298	1029.298	121.68	119.89	120.41	117.65	8.88352	28.84116	62.27532	54.01125	8.264065	31.02601	10
1696.69	1697.303	1029.303	121.21	135.2	120.43	119.57	1.8134	38.36494	59.82166	59.82166	0	-9999	10
1696.695	1697.308	1029.308	120.73	139.58	119.47	115.21	4.91504	29.01689	66.06807	66.06807	0	-9999	10

1696.7	1697.313	1029.313	119.16	140.47	117.55	114.77	8.85656	21.20926	69.93418	63.2845	6.649674	32.12818	10
1696.705	1697.318	1029.318	116.94	114.51	115.96	116.74	12.29878	26.76798	60.93324	44.82966	16.10358	30.49238	10
1696.71	1697.323	1029.323	116.77	95.91	115.84	112.62	16.56888	26.03469	57.39643	36.01649	21.37994	30.9807	10
1696.715	1697.328	1029.328	115.11	127.36	114.89	113.39	4.98268	35.96675	59.05057	59.05057	0	-9999	10
1696.72	1697.333	1029.333	115.64	108.59	115.31	114.8	9.88992	34.03404	56.07604	44.384	11.69204	30.16821	10
1696.725	1697.338	1029.338	114.47	103.84	113.74	112.66	15.21582	26.2706	58.51358	50.01709	8.496489	30.72589	10
1696.73	1697.343	1029.343	115.88	127.25	114.76	114.03	11.2759	24.2303	64.4938	47.99406	16.49974	31.20347	10
1696.735	1697.348	1029.348	116.94	128.04	115.25	109.53	14.52702	17.12708	68.3459	42.13396	26.21194	32.64581	10
1696.74	1697.353	1029.353	115.12	172.88	113.61	105.71	3.95514	21.13062	74.91424	74.91424	0	-9999	10
1696.745	1697.358	1029.358	113.85	158.23	111.83	107.85	12.62134	12.70989	74.66877	54.26089	20.40788	32.96547	10
1696.75	1697.363	1029.363	111.28	118.33	109.57	106.86	22.23904	12.18862	65.57234	45.84641	19.72593	32.19178	10
1696.755	1697.368	1029.368	110.2	82.44	109.25	106.49	26.02802	17.19206	56.77992	34.67645	22.10346	31.67523	10
1696.76	1697.373	1029.373	106.21	85.57	105.02	102	30.80136	11.7395	57.45914	41.62699	15.83215	32.23659	10
1696.765	1697.378	1029.378	108.63	107.04	107.74	101.29	21.05422	17.97171	60.97407	29.04627	31.9278	32.32613	10
1696.77	1697.382	1029.382	110.35	85.41	109.8	108.23	22.07128	21.94395	55.98477	25.45041	30.53435	31.02733	10
1696.775	1697.387	1029.387	104.48	63.76	105.12	105.55	23.48848	24.49881	52.01271	22.43714	29.57557	30.52758	10
1696.78	1697.392	1029.392	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1697.045	1697.656	1029.656	64.52	83.49	64.24	69.57	62.60702	0.386039	37.00694	14.70803	22.29892	32.20787	7
1697.05	1697.661	1029.661	59.96	76.05	59.73	59.02	68.2152	0	31.7848	8.327752	23.45705	33.4213	7
1697.055	1697.666	1029.666	59.43	86.66	58.61	57.43	70.70768	0	29.29232	19.35357	9.93875	33.93128	7
1697.06	1697.671	1029.671	58.09	77.47	56.82	55.33	77.65196	0	22.34804	20.66277	1.685266	34.37152	7
1697.065	1697.676	1029.676	58.21	135.23	55.59	55.04	74.02614	1.29857	24.67529	23.43491	1.240377	33.8614	7
1697.07	1697.681	1029.681	58.22	91.25	55.41	53.59	86.1326	0	13.8674	7.260762	6.606638	36.30062	7
1697.075	1697.686	1029.686	59.41	134.66	56	52.28	79.18258	0.662408	20.15501	17.35445	2.80056	35.93573	7
1697.08	1697.69	1029.69	61.59	132.65	61.84	63.67	49.2984	3.858192	46.84341	33.33262	13.51079	29.64696	7
1697.085	1697.695	1029.695	63.18	108.57	64.27	68.04	47.15296	3.411989	49.43505	16.20422	33.23083	29.83942	7
1697.09	1697.7	1029.7	65.34	120.94	64.67	67.29	55.81222	2.570452	41.61733	20.55617	21.06116	30.75967	7
1697.095	1697.705	1029.705	67.84	122.68	69.62	74.98	34.10364	6.447364	59.449	29.943	29.50599	29.03045	7
1697.1	1697.71	1029.71	68.07	90.28	68.81	72.68	49.79284	2.802796	47.40436	32.36887	15.03549	30.76857	7
1697.105	1697.715	1029.715	67.04	78.4	66.98	71.11	59.8154	0.697759	39.48684	18.78823	20.69861	32.24657	7
1697.11	1697.72	1029.72	62.29	62.19	62.69	64.39	64.54322	0	35.45678	22.73132	12.72546	32.75125	7
1697.115	1697.725	1029.725	81.269	106.3422	81.78378	84.74045	35.50817	7.667823	56.82401	39.95644	16.86758	30.36378	7
1697.12	1697.73	1029.73	80.93017	90.51877	78.2528	70.8015	64.3883	0	35.6117	20.76931	14.84238	33.98646	7
1697.125	1697.735	1029.735	70.02773	50.40768	68.3976	67.14783	76.00935	0	23.99065	9.914768	14.07588	33.61306	7
1697.13	1697.74	1029.74	50.19	29.33	50.04	50.79	87.88984	0	12.11016	12.11016	0	33.65024	7
1697.135	1697.745	1029.745	50.59	38.67	49.67	50.61	91.22906	0	8.77094	4.471446	4.299494	34.86304	7
1697.14	1697.75	1029.75	49.13	26.47	48.53	47.69	93.04466	0	6.95534	6.95534	0	35.08675	7
1697.145	1697.755	1029.755	51.35	29.54	50.53	48.75	91.96432	0	8.03568	8.03568	0	35.22944	7
1697.15	1697.76	1029.76	52.73	20.55	51.96	51.61	92.4828	0	7.5172	7.5172	0	34.82551	7
1697.155	1697.765	1029.765	53.7	13.2	53.73	54.31	87.1691	0	12.8309	9.867407	2.963493	33.17764	7
1697.16	1697.77	1029.77	57.13	34.17	57.24	58.35	78.31876	0	21.68124	20.44869	1.232554	32.53963	7
1697.165	1697.775	1029.775	58.86	32.07	58	56.87	84.75286	0	15.24714	15.24714	0	34.00013	7
1697.17	1697.78	1029.78	61.99	32.49	61.3	60.71	80.45412	0	19.54588	17.66682	1.879062	33.42543	7
1697.175	1697.785	1029.785	65.03	23.79	64.53	64.47	78.29022	0	21.70978	10.01011	11.69967	33.08355	7
1697.18	1697.79	1029.79	55.88	16.27	55.74	54.85	85.73806	0	14.26194	5.21876	9.04318	33.44134	7
1697.185	1697.795	1029.795	49.33	18.59	49	48.61	92.67512	0	7.32488	7.32488	0	34.58206	7
1697.19	1697.8	1029.8	52.62	73.65	50.71	48.69	88.5688	0	11.4312	7.188632	4.242568	36.24064	7
1697.195	1697.805	1029.805	53.91	55.05	52.54	49.19	87.6982	0	12.3018	12.3018	0	35.59248	7
1697.2	1697.81	1029.81	54.71	48.04	53.57	51.43	86.87612	0	13.12388	13.12388	0	34.95688	7
1697.205	1697.815	1029.815	56.22	65.06	53.9	51.31	90.51308	0	9.48692	4.508731	4.978189	36.51298	7
1697.21	1697.82	1029.82	56.21	21.22	55.43	52.61	89.19656	0	10.80344	4.627416	6.176024	34.70583	7
1697.215	1697.825	1029.825	59.73	25.08	58.75	56.43	86.57404	0	13.42596	13.42596	0	34.3719	7
1697.22	1697.83	1029.83	60.8	25.71	60.04	59.67	83.73218	0	16.26782	16.25323	0.014595	33.60031	7
1697.225	1697.835	1029.835	61.28	34.39	60.48	60.78	81.50002	0	18.49998	4.086046	14.41393	33.40918	7
1697.23	1697.84	1029.84	64.69	39.89	63.81	62.79	77.65182	0	22.34818	10.21778	12.1304	33.49914	7
1697.235	1697.844	1029.844	63.99	26.82	63.86	63.14	75.64626	0	24.35374	7.281669	17.07207	32.99772	7
1697.24	1697.849	1029.849	64.39	29.3	64.02	63.82	76.5381	0	23.4619	17.3339	6.128004	33.04085	7
1697.245	1697.854	1029.854	64.39	20.99	63.98	62.59	78.85912	0	21.14088	18.03242	3.108464	33.28517	7
1697.25	1697.859	1029.859	64.1	25.37	63.51	62.53	79.46096	0	20.53904	14.42957	6.109473	33.33525	7
1697.255	1697.864	1029.864	62.82	23.68	62.41	61.28	79.65254	0	20.34746	10.60101	9.746448	33.27139	7
1697.26	1697.869	1029.869	62.14	25.53	61.96	62.18	78.04794	0	21.95206	19.74231	2.209753	32.85135	7
1697.265	1697.874	1029.874	60.47	21.13	60.12	59.88	81.96664	0	18.03336	18.03336	0	33.17427	7
1697.27	1697.879	1029.879	61.75	23.47	61.46	62.22	79.75776	0	20.24224	6.861376	13.38086	32.85673	7
1697.275	1697.884	1029.884	63.59	24.23	63.37	63.12	77.33854	0	22.66146	8.149441	14.51202	32.95439	7
1697.28	1697.889	1029.889	64.53	21.46	64.65	64.29	74.50908	0	25.49092	14.57401	10.91691	32.80966	9
1697.285	1697.894	1029.894	63.86	23.65	63.74	62.94	76.4555	0	23.5445	11.96864	11.57586	32.9959	9
1697.29	1697.899	1029.899	62.55	28.55	61.8	61.06	81.3574	0	18.6426	8.156352	10.48625	33.49356	9
1697.295	1697.904	1029.904	60.9	28.17	60.29	58.59	81.88236	0	18.11764	18.11764	0	33.64666	9
1697.3	1697.909	1029.909	61.79	31.63	61.58	61.17	77.12624	0	22.87376	14.92597	7.947794	32.9961	9
1697.305	1697.914	1029.914	62.95	39.37	62.27	59.35	77.82846	0	22.17154	10.23857	11.93297	33.7813	9
1697.31	1697.919	1029.919	64.23	25.42	64.12	63.65	75.60926	0	24.39074	13.30393	11.08681	32.94069	9
1697.315	1697.924	1029.924	62.29	30.37	62.02	60.89	77.43616	0	22.56384	3.544205	19.01963	33.16533	9
1697.32	1697.929	1029.929	56.01	27.79	55.71	55.29	84.07062	0	15.92938	6.018835	9.910545	33.43754	9

1697.325	1697.934	1029.934	58.12	47.96	57.26	55.59	81.58828	0	18.41172	17.0128	1.398918	34.03254	9
1697.33	1697.939	1029.939	59.13	53.63	58.39	56.82	78.35694	0	21.64306	15.18679	6.45627	33.77751	9
1697.335	1697.944	1029.944	57.26	34.19	57.26	56.76	79.04682	0	20.95318	20.95318	0	32.9473	9
1697.34	1697.949	1029.949	55.1	27.46	55	55.55	83.43768	0	16.56232	14.28675	2.275574	33.06132	9
1697.345	1697.954	1029.954	55.83	37.88	55.54	56	81.71694	0	18.28306	16.87813	1.404932	33.1904	9
1697.35	1697.959	1029.959	56.86	37.56	56.3	54.65	82.93928	0	17.06072	16.37191	0.688808	33.84666	9
1697.355	1697.964	1029.964	58.89	39.34	58.67	58.71	78.00592	0	21.99408	21.49445	0.499632	32.99808	9
1697.36	1697.969	1029.969	57.33	62.42	58	58.94	66.95826	0	33.04174	24.08272	8.959015	32.40456	1
1697.365	1697.974	1029.974	57.78	35.24	57.9	58.12	77.38432	0	22.61568	22.61568	0	32.67288	1
1697.37	1697.979	1029.979	56.88	52.05	56.63	56.92	77.0118	0	22.9882	22.9882	0	33.06947	1
1697.375	1697.984	1029.984	76.90429	47.76119	77.43303	80.6194	53.59209	2.079843	44.32807	25.13194	19.19612	32.72126	1
1697.38	1697.989	1029.989	70.34965	34.73316	70.05035	68.7443	69.19249	0	30.80751	9.506168	21.30135	33.57765	1
1697.385	1697.993	1029.993	63.64462	40.06965	63.49785	62.40375	72.88756	0	27.11244	17.19719	9.915247	33.14025	1
1697.39	1697.998	1029.998	65.35514	45.73955	65.31494	67.08383	69.11587	0	30.88413	23.07317	7.810961	32.74277	1
1697.395	1698.003	1030.003	67.53906	36.96931	66.91832	67.60653	73.72821	0	26.27179	9.132023	17.13976	33.03774	1
1697.4	1698.008	1030.008	69.42221	34.85018	69.58518	70.61728	66.43486	0	33.56514	14.6522	18.91295	33.19866	1
1697.405	1698.013	1030.013	71.88896	28.90261	72.39493	72.17613	62.94645	0	37.05355	22.59825	14.4553	34.0098	1
1697.41	1698.018	1030.018	71.86364	22.96187	71.5764	71.12503	70.55476	0	29.44524	20.39144	9.053799	33.43551	1
1697.415	1698.023	1030.023	70.83794	16.23491	70.74249	70.04706	71.63999	0	28.36001	22.85252	5.50749	33.352	1
1697.42	1698.028	1030.028	65.06946	21.16608	65.09623	66.83641	74.80642	0	25.19358	21.78954	3.404035	32.48076	1
1697.425	1698.033	1030.033	44.56	37.61	43.57	39.35	97.57568	0	2.42432	2.42432	0	37.30509	1
1697.43	1698.038	1030.038	42.91	27.81	42.18	40.12	99.45028	0	0.54972	0.54972	0	36.97302	1
1697.435	1698.043	1030.043	39.8	24.77	38.95	37.33	100	0	0	0	0	36.60875	1
1697.44	1698.048	1030.048	37.4	23.11	36.77	36.65	100	0	0	0	0	36.06236	1
1697.445	1698.053	1030.053	38.7	26.24	37.86	37.59	100	0	0	0	0	36.34581	1
1697.45	1698.058	1030.058	41.48	25.37	41.59	41.78	94.84636	0	5.15364	5.15364	0	34.80647	1
1697.455	1698.063	1030.063	43.75	26.2	43.78	44.41	93.1771	0	6.8229	6.8229	0	34.43842	1
1697.46	1698.068	1030.068	46.53	28.44	45.71	45.14	96.66492	0	3.33508	3.33508	0	36.03535	1
1697.465	1698.073	1030.073	49.27	32.59	48.35	46.98	93.91482	0	6.08518	5.117784	0.967396	35.69731	1
1697.47	1698.078	1030.078	49.35	41.13	48.32	46.83	92.62704	0	7.37296	7.37296	0	35.72339	1
1697.475	1698.083	1030.083	46.29	36.61	44.81	43.26	100	0	0	0	0	37.67017	1
1697.48	1698.088	1030.088	47.25	50.95	45.78	44.04	95.5926	0	4.4074	4.4074	0	36.96705	1
1697.485	1698.093	1030.093	62.8472	66.5197	60.87253	58.96368	81.38651	0	18.61349	12.74026	5.873225	34.65202	1
1697.49	1698.098	1030.098	69.47059	81.11119	67.61208	65.08883	70.86166	0	29.13834	8.310723	20.82762	34.113	1
1697.495	1698.103	1030.103	67.02923	92.12236	65.05224	65.28087	71.36114	0	28.63886	12.58983	16.04903	33.87936	1
1697.5	1698.108	1030.108	65.63517	81.94518	63.95016	59.57716	72.84374	0	27.15626	23.27542	3.880841	34.63986	1
1697.505	1698.113	1030.113	56.09735	56.04737	53.68374	53.07399	93.53244	0	6.467558	6.467558	0	36.56845	1
1697.51	1698.118	1030.118	59.9699	74.82421	55.3978	53.83913	100	0	0	0	0	38.78554	1
1697.515	1698.123	1030.123	59.22302	91.22605	54.0715	52.03425	100	0	0	0	0	39.43778	1
1697.52	1698.128	1030.128	62.06561	78.96893	60.85122	58.54125	73.20064	0	26.79936	10.42941	16.36995	34.20176	1
1697.525	1698.133	1030.133	58.00475	108.031	55.60947	52.0748	79.05559	0	20.94441	10.49816	10.44625	35.9557	1
1697.53	1698.138	1030.138	55.63402	110.2633	51.85419	46.99806	91.4267	0	8.573303	8.573303	0	38.87021	1
1697.535	1698.143	1030.143	55.74924	146.0763	49.2062	45.55989	100	0	0	0	0	42.29573	1
1697.54	1698.147	1030.147	53.84384	138.515	48.14508	45.36459	100	0	0	0	0	42.21272	1
1697.545	1698.152	1030.152	54.1029	117.5948	48.58963	46.51744	100	0	0	0	0	40.97339	1
1697.55	1698.157	1030.157	57.97805	143.2894	52.19179	45.63574	96.82767	0	3.172335	3.172335	0	41.70718	1
1697.555	1698.162	1030.162	64.3273	136.9222	65.32473	57.86398	39.95366	5.455224	54.59112	27.6284	26.96271	30.91056	1
1697.56	1698.167	1030.167	70.93274	88.74455	72.70435	75.06196	39.53569	5.17337	55.29094	19.54649	35.74445	30.54989	10
1697.565	1698.172	1030.172	72.3881	70.64923	73.64797	76.60594	46.5418	3.548597	49.90961	21.3927	28.51691	31.30291	10
1697.57	1698.177	1030.177	76.23694	47.36006	76.30618	77.09556	57.86424	0.859356	41.2764	21.26323	20.01318	33.79033	10
1697.575	1698.182	1030.182	80.72809	59.49253	80.23645	79.09864	55.14321	1.661487	43.1953	26.34604	16.84926	33.7242	10
1697.58	1698.187	1030.187	82.55826	65.3731	81.87993	83.47683	53.48315	2.08308	44.43377	31.19253	13.24123	32.96991	10
1697.585	1698.192	1030.192	82.88588	67.3392	82.70188	84.7259	48.87492	3.710057	47.41502	32.9935	14.42152	32.24826	10
1697.59	1698.197	1030.197	85.7931	63.56253	86.09353	87.29523	43.35991	6.20273	50.43736	18.27512	32.16224	31.98065	10
1697.595	1698.202	1030.202	83.48641	72.64086	83.50062	86.52641	45.50332	4.875123	49.62156	28.71803	20.90353	31.63103	10
1697.6	1698.207	1030.207	86.10725	63.8578	87.35311	92.17901	35.67236	9.722047	54.60559	19.79403	34.81157	30.7638	10
1697.605	1698.212	1030.212	91.46	33.87363	91.7077	92.08654	45.7397	7.20804	47.05226	23.84711	23.20515	32.88048	10
1697.61	1698.217	1030.217	92.81928	35.46895	92.86319	92.38014	45.68245	7.247885	47.06967	30.18209	16.88757	33.05114	10
1697.615	1698.222	1030.222	91.36456	34.59557	91.67042	92.01998	45.20206	7.456109	47.34183	33.56904	13.77279	32.80626	10
1697.62	1698.227	1030.227	90.25902	41.16453	90.46214	90.98446	45.42569	6.75838	47.81593	34.4786	13.33733	32.72335	10
1697.625	1698.232	1030.232	87.02869	40.53168	87.17216	86.18222	49.01304	4.714617	46.27234	28.95095	17.32139	33.38801	10
1697.63	1698.237	1030.237	86.26862	43.84607	86.52618	86.61203	48.02602	4.961336	47.01264	21.58228	25.43036	32.98875	10
1697.635	1698.242	1030.242	86.13721	39.89958	86.30882	86.18011	49.76805	4.333551	45.8984	19.5359	26.3625	33.31057	10
1697.64	1698.247	1030.247	89.61	38.53275	89.65343	90.47859	47.89729	5.547143	46.55556	20.8095	25.74606	33.0061	10
1697.645	1698.252	1030.252	89.43339	38.6897	89.73715	89.88179	46.00429	6.516179	47.47953	31.8964	15.58314	32.86977	10
1697.65	1698.257	1030.257	90.63905	38.80662	90.91504	89.49154	45.08199	7.143602	47.77441	23.28373	24.49068	33.06837	10
1697.655	1698.262	1030.262	89.68343	42.45859	89.69791	89.75581	47.10407	5.73448	47.16145	16.16614	30.99531	33.00102	10
1697.66	1698.267	1030.267	88.0824	40.83404	88.31279	87.10322	47.29681	5.604232	47.09896	18.62441	28.47455	33.2276	10
1697.665	1698.272	1030.272	86.99869	44.32799	87.32861	86.26713	46.67695	5.62683	47.69622	19.48836	28.20787	33.04727	10
1697.67	1698.277	1030.277	85.47291	47.31306	85.68698	88.7982	48.25609	4.660266	47.08365	21.08847	25.99518	32.38475	10
1697.675	1698.282	1030.282	83.01076	53.77441	83.32208	84.69474	48.20392	4.28693	47.50915	33.84798	13.66117	32.51025	10
1697.68	1698.287	1030.287	80.58616	43.88631	80.90906	82.53763	52.73772	2.66146	44.60082	24.88878	19.71204	33.12212	10
1697.685	1698.292	1030.292	76.53677	46.69663	76.77256	74.76136	56.45817	1.253817	42.28801	20.69499	21.59302	34.10785	10

1697.69	1698.297	1030.297	66.04608	39.88765	65.96521	63.64685	70.21156	0	29.78844	6.640747	23.14769	33.47201	10
1697.695	1698.301	1030.301	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1698	1698.605	1030.605	62.38	45.04	63	67	66.90572	0	33.09428	8.143128	24.95115	31.97453	-9999
1698.005	1698.609	1030.609	62.49	42.09	62.35	60.55	73.40842	0	26.59158	6.224531	20.36705	33.24782	-9999
1698.01	1698.614	1030.614	60.6	69.75	58.6	54.7	82.8685	0	17.1315	3.784142	13.34736	35.35241	-9999
1698.015	1698.619	1030.619	61.71	47.9	61.41	60.41	73.96	0	26.04	17.131	8.909	33.21773	-9999
1698.02	1698.624	1030.624	58.56	49.42	57.57	56.53	81.83766	0	18.16234	14.4388	3.723539	34.01457	-9999
1698.025	1698.629	1030.629	61.5	55.3	60.34	59.1	79.0274	0	20.9726	14.92448	6.04812	33.93313	-9999
1698.03	1698.634	1030.634	65.76	43.74	64.97	64.06	75.03822	0	24.96178	14.96964	9.992142	33.40613	-9999
1698.035	1698.639	1030.639	62.05	49.81	60.74	59.51	81.01248	0	18.98752	18.98752	0	34.04564	-9999
1698.04	1698.644	1030.644	62.39	52.32	60.92	58	81.33226	0	18.66774	7.367296	11.30044	34.46765	-9999
1698.045	1698.649	1030.649	60.76	44.44	59.67	58.66	81.79382	0	18.20618	18.20618	0	33.93579	-9999
1698.05	1698.654	1030.654	62.89	54.38	62.16	60.92	74.63874	0	25.36126	14.30547	11.05579	33.53617	-9999
1698.055	1698.659	1030.659	62.65	45.16	61.74	61.43	78.48578	0	21.51422	4.715437	16.79878	33.48125	-9999
1698.06	1698.664	1030.664	62.28	43.76	61.31	60.16	79.62998	0	20.37002	7.937011	12.43301	33.7147	-9999
1698.065	1698.669	1030.669	63.48	59.2	62.4	59.37	75.642	0	24.358	7.436929	16.92107	34.07507	-9999
1698.07	1698.674	1030.674	64.12	49.6	62.61	61.47	80.7089	0	19.2911	15.75149	3.539612	34.00461	-9999
1698.075	1698.679	1030.679	61.84	39.28	61.06	58.89	79.64644	0	20.35356	12.89128	7.462278	33.77548	-9999
1698.08	1698.684	1030.684	64.11	33.92	63.69	62.69	76.06516	0	23.93484	9.521452	14.41339	33.22039	-9999
1698.085	1698.689	1030.689	65.59	42.2	64.94	63.94	74.4823	0	25.5177	13.30078	12.21692	33.36019	-9999
1698.09	1698.694	1030.694	63.35	40.96	63.1	63.39	73.74318	0	26.25682	7.580981	18.67584	32.92266	-9999
1698.095	1698.699	1030.699	58.84	46.48	57.38	55.82	85.93404	0	14.06596	14.06596	0	34.72929	-9999
1698.1	1698.704	1030.704	56.37	25.22	55.59	55.12	88.08136	0	11.91864	11.91864	0	34.16837	-9999
1698.105	1698.709	1030.709	57.75	47.35	56.28	56.06	86.8038	0	13.1962	9.74844	3.44776	34.65445	-9999
1698.11	1698.714	1030.714	54.89	41.59	53.33	52.23	91.52642	0	8.47358	8.47358	0	35.60088	-9999
1698.115	1698.719	1030.719	52.15	21.28	51.51	51.04	91.83224	0	8.16776	8.16776	0	34.66386	-9999
1698.12	1698.724	1030.724	56.74	96.46	53.38	51.68	90.49588	0	9.50412	4.788807	4.715313	37.47428	-9999
1698.125	1698.729	1030.729	58.51	86.13	56.27	53.66	82.68734	0	17.31266	17.31266	0	35.6204	-9999
1698.13	1698.734	1030.734	52.55	37.55	50.82	48.63	95.9744	0	4.0256	4.0256	0	36.78201	-9999
1698.135	1698.739	1030.739	52.58	30.91	51.12	49.76	95.46118	0	4.53882	4.53882	0	36.21725	-9999
1698.14	1698.744	1030.744	52.79	73.73	50.66	49.55	90.09804	0	9.90196	8.155839	1.746121	36.44635	-9999
1698.145	1698.749	1030.749	50.74	31.86	49.48	48.96	95.37408	0	4.62592	4.62592	0	36.00145	-9999
1698.15	1698.754	1030.754	49.47	27.28	48.42	46.22	96.02334	0	3.97666	3.97666	0	36.25007	-9999
1698.155	1698.758	1030.758	49.21	20.64	48.14	47.71	98.02442	0	1.97558	1.97558	0	36.24423	-9999
1698.16	1698.763	1030.763	49.81	24.6	48.72	47.43	96.6691	0	3.3309	3.3309	0	36.18171	-9999
1698.165	1698.768	1030.768	50.13	27.57	48.95	46.97	96.35346	0	3.64654	3.64654	0	36.35434	-9999
1698.17	1698.773	1030.773	49.54	28.28	48.49	45.43	95.71694	0	4.28306	4.28306	0	36.36288	-9999
1698.175	1698.778	1030.778	48.61	24.58	47.69	45.96	96.46044	0	3.53956	3.53956	0	36.13308	-9999
1698.18	1698.783	1030.783	48.47	24.26	47.49	45.61	97.13168	0	2.86832	2.86832	0	36.347	-9999
1698.185	1698.788	1030.788	48.32	29.22	46.9	45.49	99.47936	0	0.52064	0.52064	0	37.22475	-9999
1698.19	1698.793	1030.793	47.33	26.94	46.2	45.55	98.69442	0	1.30558	1.30558	0	36.67634	-9999
1698.195	1698.798	1030.798	46.81	22.66	46.22	45.72	96.02358	0	3.97642	3.97642	0	35.57465	-9999
1698.2	1698.803	1030.803	47.28	25.89	46.77	46.65	94.18952	0	5.81048	5.81048	0	35.12477	-9999
1698.205	1698.808	1030.808	50.62	28.32	49.97	48.82	91.61366	0	8.38634	8.38634	0	34.91778	-9999
1698.21	1698.813	1030.813	52.05	25.89	51.43	50.56	90.65362	0	9.34638	9.34638	0	34.61096	-9999
1698.215	1698.818	1030.818	53.03	40.74	52.45	50.35	85.84832	0	14.15168	14.15168	0	34.35847	-9999
1698.22	1698.823	1030.823	52.26	39.5	51.75	50	86.3143	0	13.6857	13.6857	0	34.29698	-9999
1698.225	1698.828	1030.828	52.42	35.28	52.02	49.7	86.33584	0	13.66416	13.19686	0.4673	34.2541	-9999
1698.23	1698.833	1030.833	47.94	27.37	47.54	46.24	92.37166	0	7.62834	7.256293	0.372047	34.93081	-9999
1698.235	1698.838	1030.838	49.32	32.53	48.9	48.35	90.00834	0	9.99166	4.47637	5.51529	34.47499	-9999
1698.24	1698.843	1030.843	51.15	31.6	50.4	49.06	91.1073	0	8.8927	5.141714	3.750986	34.98596	-9999
1698.245	1698.848	1030.848	52.03	41.03	51.33	49.29	87.62814	0	12.37186	12.37186	0	34.69197	-9999
1698.25	1698.853	1030.853	51.93	39.61	50.8	50	91.39628	0	8.60372	4.661156	3.942564	35.32502	-9999
1698.255	1698.858	1030.858	52.32	41.38	51.36	49.33	89.29164	0	10.70836	6.671592	4.036768	35.11374	-9999
1698.26	1698.863	1030.863	50.67	31.69	49.8	49.29	92.45712	0	7.54288	7.54288	0	35.16621	-9999
1698.265	1698.868	1030.868	50.83	37.16	50.06	48.12	90.21118	0	9.78882	9.78882	0	35.07335	-9999
1698.27	1698.873	1030.873	52.75	38.72	52.09	51.06	87.21476	0	12.78524	12.78524	0	34.36476	-9999
1698.275	1698.878	1030.878	51.69	36.48	51.18	51	87.56954	0	12.43046	12.43046	0	34.13335	-9999
1698.28	1698.883	1030.883	51.68	43.01	50.86	49.12	88.40098	0	11.59902	3.205523	8.393497	34.87578	-9999
1698.285	1698.888	1030.888	52.35	34.83	51.9	48.83	86.89664	0	13.10336	13.10336	0	34.49378	-9999
1698.29	1698.893	1030.893	54.83	35.13	54.8	54	81.28744	0	18.71256	4.783984	13.92858	33.16917	-9999
1698.295	1698.898	1030.898	54.16	35.89	53.36	51.29	87.68742	0	12.31258	5.939657	6.372923	34.63685	-9999
1698.3	1698.903	1030.903	53.85	38	52.85	51.59	89.012	0	10.988	10.988	0	34.85102	-9999
1698.305	1698.908	1030.908	53.77	39.24	52.87	50.82	88.01052	0	11.98948	11.98948	0	34.80954	-9999
1698.31	1698.912	1030.912	52.93	47.24	51.89	47.71	87.93232	0	12.06768	11.44632	0.621358	35.44852	-9999
1698.315	1698.917	1030.917	53.95	50.21	52.76	48.67	87.43768	0	12.56232	12.56232	0	35.47929	-9999
1698.32	1698.922	1030.922	53.04	38.63	52.2	49.82	88.36474	0	11.63526	11.63526	0	34.88935	-9999
1698.325	1698.927	1030.927	52.64	47.9	51.98	50.35	85.0944	0	14.9056	14.9056	0	34.3616	-9999
1698.33	1698.932	1030.932	55.36	71.83	54.02	52.5	82.07094	0	17.92906	3.600599	14.32846	34.7775	-9999
1698.335	1698.937	1030.937	54.1	44.12	53.29	50.76	85.82846	0	14.17154	5.051878	9.119662	34.62302	-9999
1698.34	1698.942	1030.942	53.69	24.78	53.53	52.12	85.84844	0	14.15156	3.111466	11.04009	33.67877	-9999
1698.345	1698.947	1030.947	52.19	18.61	51.85	51	90.11658	0	9.88342	9.88342	0	34.19766	-9999
1698.35	1698.952	1030.952	50.94	24.65	50.47	48.88	90.8124	0	9.1876	4.947569	4.240031	34.66072	-9999

1698.355	1698.957	1030.957	51.59	33.57	51	50	88.98576	0	11.01424	5.859353	5.154887	34.49704	-9999
1698.36	1698.962	1030.962	48.3	18.22	48.09	47.44	92.78226	0	7.21774	7.21774	0	34.55704	-9999
1698.365	1698.967	1030.967	47.98	22.09	47.95	48.29	90.74512	0	9.25488	9.25488	0	33.95738	-9999
1698.37	1698.972	1030.972	47.35	32.06	47.4	47.06	88.29198	0	11.70802	11.70802	0	33.82495	-9999
1698.375	1698.977	1030.977	51.5	47.68	50.61	50.22	87.97894	0	12.02106	7.505711	4.515349	34.70262	-9999
1698.38	1698.982	1030.982	48.57	15.85	48.39	48.06	92.8749	0	7.1251	6.197572	0.927528	34.44335	-9999
1698.385	1698.987	1030.987	46.99	13.71	46.77	46.29	95.15638	0	4.84362	4.84362	0	34.92049	-9999
1698.39	1698.992	1030.992	47.33	9.57	47.28	47.26	94.52796	0	5.47204	4.347462	1.124578	34.49307	-9999
1698.395	1698.997	1030.997	49.31	10.93	49.15	48.9	93.22974	0	6.77026	6.77026	0	34.37765	-9999
1698.4	1699.002	1031.002	49.72	18.39	49.51	49.37	91.43472	0	8.56528	8.56528	0	34.2106	-9999
1698.405	1699.007	1031.007	50.01	18.09	49.75	48.28	91.62802	0	8.37198	8.37198	0	34.51699	-9999
1698.41	1699.012	1031.012	52.77	11.94	52.77	52.63	88.56212	0	11.43788	11.43788	0	33.48567	-9999
1698.415	1699.017	1031.017	53.12	13.7	52.84	52.22	89.9842	0	10.0158	4.836518	5.179282	34.00243	-9999
1698.42	1699.022	1031.022	53.8	15.05	53.52	53.54	89.0319	0	10.9681	10.31392	0.654184	33.761	-9999
1698.425	1699.027	1031.027	53.09	13.51	52.8	52.76	90.13528	0	9.86472	9.86472	0	33.92222	-9999
1698.43	1699.032	1031.032	54.12	15.4	53.68	53.06	89.8928	0	10.1072	10.1072	0	34.11454	-9999
1698.435	1699.037	1031.037	54.19	18.03	53.65	52.83	89.96694	0	10.03306	10.03306	0	34.26978	-9999
1698.44	1699.042	1031.042	53.87	12.91	53.61	53.47	89.33038	0	10.66962	10.60627	0.063355	33.78574	-9999
1698.445	1699.047	1031.047	54.22	15.14	54.27	53.94	86.06622	0	13.93378	13.93378	0	33.21676	-9999
1698.45	1699.052	1031.052	54.53	11.44	54.44	54.5	87.76142	0	12.23858	3.653627	8.584953	33.39562	-9999
1698.455	1699.057	1031.057	55.42	10.82	55.47	55.18	86.00766	0	13.99234	5.228234	8.764106	33.14928	-9999
1698.46	1699.062	1031.062	56.37	12.27	56.24	56.12	86.17776	0	13.82224	6.954882	6.867358	33.2787	-9999
1698.465	1699.066	1031.066	56.18	13.04	56.08	55.94	85.93372	0	14.06628	5.374723	8.691557	33.24529	-9999
1698.47	1699.071	1031.071	56.86	18.01	56.96	57.53	82.55538	0	17.44462	7.024238	10.42038	32.72622	-9999
1698.475	1699.076	1031.076	54.89	16.43	54.94	55	85.13764	0	14.86236	14.86236	0	33.06157	-9999
1698.48	1699.081	1031.081	56.21	19.57	56.08	57.11	84.55836	0	15.44164	8.961053	6.480587	32.98863	-9999
1698.485	1699.086	1031.086	57.3	19.28	56.74	56.59	86.95824	0	13.04176	13.04176	0	33.73187	-9999
1698.49	1699.091	1031.091	56.62	11.4	56.47	56.29	86.3133	0	13.6867	13.6867	0	33.30695	-9999
1698.495	1699.096	1031.096	56.61	12.6	56.58	56.56	85.1021	0	14.8979	7.767841	7.130059	33.08569	-9999
1698.5	1699.101	1031.101	56.26	15.97	55.93	56.04	86.93356	0	13.06644	11.27624	1.790197	33.50095	-9999
1698.505	1699.106	1031.106	58.44	18.3	57.94	57.28	85.6816	0	14.3184	10.51995	3.798449	33.62408	-9999
1698.51	1699.111	1031.111	59.13	22.77	58.45	57.29	85.36006	0	14.63994	7.716952	6.922988	33.83398	-9999
1698.515	1699.116	1031.116	56.91	28.52	56.26	56.61	85.77846	0	14.22154	14.22154	0	33.68892	-9999
1698.52	1699.121	1031.121	54.34	28.51	53.69	54.12	88.14528	0	11.85472	10.35859	1.496127	34.01382	-9999
1698.525	1699.126	1031.126	53.15	16	53.16	53.78	87.1525	0	12.8475	12.8475	0	33.21181	-9999
1698.53	1699.131	1031.131	49.55	21.97	48.94	48.37	93.82476	0	6.17524	6.17524	0	35.08267	-9999
1698.535	1699.136	1031.136	49.51	21.75	48.98	48.59	93.2948	0	6.7052	6.7052	0	34.88797	-9999
1698.54	1699.141	1031.141	49.73	19.3	49.29	48.45	92.9878	0	7.0122	7.0122	0	34.79817	-9999
1698.545	1699.146	1031.146	49.59	16.18	49.28	48.74	92.86414	0	7.13586	7.13586	0	34.5686	-9999
1698.55	1699.151	1031.151	49.22	15.09	49.07	49.08	92.22832	0	7.77168	7.77168	0	34.21899	-9999
1698.555	1699.156	1031.156	49.79	15.2	49.73	49.65	90.9798	0	9.0202	9.0202	0	33.95221	-9999
1698.56	1699.161	1031.161	50	14.35	49.67	49.1	93.0848	0	6.9152	6.9152	0	34.58909	-9999
1698.565	1699.166	1031.166	50.06	16.3	49.79	48.72	92.0927	0	7.9073	7.9073	0	34.49598	-9999
1698.57	1699.171	1031.171	49.74	13.66	49.52	49.2	92.63848	0	7.36152	4.086869	3.274651	34.37235	-9999
1698.575	1699.176	1031.176	51.66	19.51	51.31	51.02	90.46388	0	9.53612	4.263951	5.272169	34.17557	-9999
1698.58	1699.181	1031.181	52.38	20.74	52.33	52.72	87.17882	0	12.82118	12.82118	0	33.3749	-9999
1698.585	1699.186	1031.186	52.54	20.52	52.35	52.12	88.16986	0	11.83014	7.183288	4.646852	33.71802	-9999
1698.59	1699.191	1031.191	52.04	17.6	52.04	52.37	87.864	0	12.136	7.227231	4.908769	33.39214	-9999
1698.595	1699.196	1031.196	52.93	17.06	52.79	53.56	88.26088	0	11.73912	11.73912	0	33.45308	-9999
1698.6	1699.201	1031.201	53.07	20.75	52.67	52.47	89.2541	0	10.7459	8.196914	2.548986	34.0123	-9999
1698.605	1699.206	1031.206	53.55	28.17	52.73	52.59	90.27186	0	9.72814	9.72814	0	34.55494	-9999
1698.61	1699.211	1031.211	52.81	18.06	52.57	52.44	88.90428	0	11.09572	7.350142	3.745578	33.79636	-9999
1698.615	1699.216	1031.216	54.04	25.51	53.73	53.71	86.51228	0	13.48772	8.813594	4.674126	33.61203	-9999
1698.62	1699.22	1031.22	56.06	30.03	55.68	53.88	84.10254	0	15.89746	13.02797	2.869489	33.76648	-9999
1698.625	1699.225	1031.225	56.42	36.96	55.93	53.06	82.94678	0	17.05322	17.05322	0	34.01458	-9999
1698.63	1699.23	1031.23	56.11	35.7	55.41	53.29	85.1644	0	14.8356	14.8356	0	34.22204	-9999
1698.635	1699.235	1031.235	54.94	20.14	54.79	54.24	85.74382	0	14.25618	14.25618	0	33.42685	-9999
1698.64	1699.24	1031.24	55.65	27.47	55.94	56.44	79.90676	0	20.09324	16.15489	3.938352	32.51302	-9999
1698.645	1699.245	1031.245	57.61	35.77	57.38	56.94	80.12496	0	19.87504	17.34555	2.529493	33.15692	-9999
1698.65	1699.25	1031.25	62.14	45.45	61.8	61.41	74.4673	0	25.5327	10.13678	15.39592	33.10878	-9999
1698.655	1699.255	1031.255	63.43	36.66	63.72	64.11	70.52518	0	29.47482	21.07395	8.400874	32.66725	-9999
1698.66	1699.26	1031.26	62.05	30.16	62.2	62.71	74.45278	0	25.54722	22.27274	3.27448	32.57612	-9999
1698.665	1699.265	1031.265	57.33	21.01	57.18	57.71	83.33448	0	16.66552	14.15981	2.505711	32.99752	-9999
1698.67	1699.27	1031.27	54	22	53.82	53.78	86.391	0	13.609	10.03583	3.573173	33.45867	-9999
1698.675	1699.275	1031.275	51.93	17.86	51.88	51.59	88.28978	0	11.71022	11.71022	0	33.60527	-9999
1698.68	1699.28	1031.28	51.45	19.37	51.24	51.16	89.60596	0	10.39404	10.39404	0	33.90224	-9999
1698.685	1699.285	1031.285	52.16	15.27	51.91	51.59	90.25496	0	9.74504	9.74504	0	33.99913	-9999
1698.69	1699.29	1031.29	51.39	16.08	51.28	50.75	89.68234	0	10.31766	10.31766	0	33.8693	-9999
1698.695	1699.295	1031.295	51.61	18.94	51.59	52.14	88.09032	0	11.90968	11.90968	0	33.41939	-9999
1698.7	1699.3	1031.3	52.09	25.94	51.84	50.17	87.73722	0	12.26278	6.453961	5.808819	34.05832	-9999
1698.705	1699.305	1031.305	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1699.01	1699.608	1031.608	54.45	28.15	54.35	51.92	83.8687	0	16.1313	13.22439	2.906914	33.64983	1
1699.015	1699.613	1031.613	52.14	20.04	51.68	51.17	90.74652	0	9.25348	9.25348	0	34.33763	1

1699.02	1699.618	1031.618	52.23	24.21	51.92	52.79	88.49208	0	11.50792	4.994485	6.513435	33.70476	1
1699.025	1699.623	1031.623	51.69	27.87	51.03	50.59	90.81566	0	9.18434	9.18434	0	34.62135	1
1699.03	1699.628	1031.628	50.3	22.1	50.1	51.3	89.9258	0	10.0742	10.0742	0	33.76411	1
1699.035	1699.633	1031.633	51.04	26.08	50.91	52.14	87.73934	0	12.26066	10.33393	1.926728	33.44523	1
1699.04	1699.638	1031.638	51.86	34.54	51.79	51.57	84.47262	0	15.52738	6.468236	9.059144	33.39157	1
1699.045	1699.643	1031.643	50.73	32.25	50.48	49.91	87.4614	0	12.5386	10.11292	2.42568	33.9363	1
1699.05	1699.648	1031.648	49.96	39.4	49.54	47.02	87.757	0	12.243	11.27869	0.964312	34.60265	1
1699.055	1699.653	1031.653	49.1	45.09	47.95	46.08	92.82872	0	7.17128	7.17128	0	35.99282	1
1699.06	1699.658	1031.658	50.64	49.03	49.7	49.82	88.83094	0	11.16906	10.62087	0.548188	34.81645	1
1699.065	1699.663	1031.663	51.94	53.41	51.33	50.51	84.01748	0	15.98252	4.660281	11.32224	34.1529	1
1699.07	1699.668	1031.668	52.38	52.71	51.81	50	83.47208	0	16.52792	5.550734	10.97719	34.22547	1
1699.075	1699.673	1031.673	50.5	43.91	49.81	49.26	88.26128	0	11.73872	9.582172	2.156548	34.58196	1
1699.08	1699.677	1031.677	52.18	70.57	51.18	49.51	82.66646	0	17.33354	17.33354	0	34.72862	1
1699.085	1699.682	1031.682	54.86	89.56	53.73	54.9	76.61278	0	23.38722	4.014632	19.37259	34.0189	1
1699.09	1699.687	1031.687	51.53	49.08	50.5	47.46	88.69754	0	11.30246	11.30246	0	35.4158	1
1699.095	1699.692	1031.692	48.23	33.01	47.54	45.26	92.98748	0	7.01252	7.01252	0	35.54201	1
1699.1	1699.697	1031.697	48.58	41.66	47.38	46.08	94.52468	0	5.47532	5.47532	0	36.20166	1
1699.105	1699.702	1031.702	49.15	32.73	48.5	46.6	91.89884	0	8.10116	5.750839	2.350321	35.21549	1
1699.11	1699.707	1031.707	47.58	23.92	46.8	44.98	96.48276	0	3.51724	3.51724	0	36.05845	1
1699.115	1699.712	1031.712	48.04	36.03	47.02	43.94	94.98894	0	5.01106	5.01106	0	36.39403	1
1699.12	1699.717	1031.717	44.7	17.75	44.04	42.93	99.6955	0	0.3045	0.3045	0	36.51275	1
1699.125	1699.722	1031.722	44.74	27.63	43.81	42.85	99.36024	0	0.63976	0.63976	0	36.83204	1
1699.13	1699.727	1031.727	46.64	55.16	44.33	42.43	100	0	0	0	0	38.51569	1
1699.135	1699.732	1031.732	45.29	58.42	42.22	39.33	100	0	0	0	0	38.57704	1
1699.14	1699.737	1031.737	44.18	48.37	41.94	39.82	100	0	0	0	0	38.03234	1
1699.145	1699.742	1031.742	42.62	29.8	41.63	39.35	100	0	0	0	0	37.22441	1
1699.15	1699.747	1031.747	41.02	16.35	40.46	38.93	100	0	0	0	0	36.28227	1
1699.155	1699.752	1031.752	40.44	13.59	40.08	39.06	100	0	0	0	0	36.02119	1
1699.16	1699.757	1031.757	42.48	32.72	41.7	40.8	99.04516	0	0.95484	0.95484	0	36.81098	1
1699.165	1699.762	1031.762	45.1	36.05	44.24	42.61	96.4489	0	3.5511	3.5511	0	36.40655	1
1699.17	1699.767	1031.767	47.85	24.38	47.35	45.55	93.95304	0	6.04696	6.04696	0	35.3304	1
1699.175	1699.772	1031.772	53.94	38.04	53.45	52.1	84.96702	0	15.03298	3.386022	11.64696	33.98626	1
1699.18	1699.777	1031.777	60.61	58.77	60.29	60.83	72.49646	0	27.50354	12.63129	14.87225	33.01443	1
1699.185	1699.782	1031.782	60.92	58.65	60.79	60.88	70.7678	0	29.2322	9.308541	19.92366	33.0028	1
1699.19	1699.787	1031.787	62.85	79.53	63.06	59.79	61.30424	0.418434	38.27733	25.64694	12.63039	33.54316	1
1699.195	1699.792	1031.792	60	69.89	58.82	57.96	77.03162	0	22.96838	21.39116	1.577216	33.98324	1
1699.2	1699.797	1031.797	57.14	51.42	55.11	51.92	90.72006	0	9.27994	4.572896	4.707044	36.16934	1
1699.205	1699.802	1031.802	59.98	53.8	58.81	58.88	80.8663	0	19.1337	6.370235	12.76347	33.83644	1
1699.21	1699.807	1031.807	60.25	63.44	59.35	55.3	76.19252	0	23.80748	5.243936	18.56354	34.30296	1
1699.215	1699.812	1031.812	60.84	54.92	60.43	57.22	73.91406	0	26.08594	15.61916	10.46678	33.7314	1
1699.22	1699.817	1031.817	89.5587	69.69209	88.98608	90.8328	45.17836	5.165124	49.65652	30.78538	18.87114	32.12528	1
1699.225	1699.822	1031.822	92.46553	57.3983	91.84987	92.02577	45.81265	5.463642	48.72371	16.10476	32.61894	32.77046	1
1699.23	1699.827	1031.827	92.59698	66.62274	91.51106	92.9345	47.10398	4.029156	48.86686	16.30229	32.56457	32.65836	1
1699.235	1699.831	1031.831	99.90209	58.26813	101.3783	103.7584	22.54836	24.33692	53.11473	38.90703	14.2077	30.33642	1
1699.24	1699.836	1031.836	99.46	78.62572	100.4265	106.3011	21.97892	21.49732	56.52376	38.24271	18.28105	29.82617	1
1699.245	1699.841	1031.841	99.38821	73.95255	100.1011	104.9848	25.14181	19.34736	55.51083	30.89035	24.62048	30.10322	1
1699.25	1699.846	1031.846	98.48312	64.93181	99.61789	102.5986	24.88755	20.53965	54.5728	26.22766	28.34514	30.43911	1
1699.255	1699.851	1031.851	65.24	43.25	65.75	67.67	65.5602	0	34.4398	5.601479	28.83832	32.66615	1
1699.26	1699.856	1031.856	63.47	43.47	64.22	67.26	65.27536	0	34.72464	19.09307	15.63157	32.24193	1
1699.265	1699.861	1031.861	63.27	42.16	64.3	67.49	63.60638	0	36.39362	13.69218	22.70144	32.18385	1
1699.27	1699.866	1031.866	62.74	38.4	63.34	64.89	68.3364	0	31.6636	10.29613	21.36747	32.34547	1
1699.275	1699.871	1031.871	62.93	35.25	62.76	64.96	74.8914	0	25.1086	10.84905	14.25955	32.48076	1
1699.28	1699.876	1031.876	61.02	39.96	60.59	61.26	77.52378	0	22.47622	10.97454	11.50168	32.97576	1
1699.285	1699.881	1031.881	61.76	59.38	61.8	60	68.50084	0	31.49916	17.76048	13.73868	33.33328	1
1699.29	1699.886	1031.886	62.32	63.01	61.28	59.79	75.47718	0	24.52282	22.20206	2.320756	33.82429	1
1699.295	1699.891	1031.891	61.07	58.15	59.75	56.73	79.9733	0	20.0267	10.87202	9.154681	34.43523	1
1699.3	1699.896	1031.896	62.74	65.41	61.48	57.26	76.21498	0	23.78502	11.32762	12.4574	34.46301	1
1699.305	1699.901	1031.901	58.71	48.59	57.31	55.26	85.07802	0	14.92198	4.703403	10.21858	34.7159	1
1699.31	1699.906	1031.906	55.69	32.54	54.47	53.79	90.34552	0	9.65448	5.109513	4.544967	34.92543	1
1699.315	1699.911	1031.911	55.9	30.06	55	53.61	88.27248	0	11.72752	11.72752	0	34.51152	1
1699.32	1699.916	1031.916	57.58	53.32	55.85	51.91	87.53046	0	12.46954	12.46954	0	35.67439	1
1699.325	1699.921	1031.921	58.68	50.02	57.56	55.67	82.58956	0	17.41044	11.70812	5.702322	34.30345	1
1699.33	1699.926	1031.926	57.64	46.51	56.59	53.78	83.85328	0	16.14672	16.14672	0	34.53664	1
1699.335	1699.931	1031.931	56.4	67.63	53.89	52.73	91.19804	0	8.80196	8.80196	0	36.48697	1
1699.34	1699.936	1031.936	59.92	98.35	56.92	52.2	84.3229	0	15.6771	8.432113	7.244987	36.63878	1
1699.345	1699.941	1031.941	61.72	94.9	62.11	53.45	57.2293	1.471937	41.29876	17.98583	23.31294	33.44133	1
1699.35	1699.946	1031.946	60.08	110.92	56.97	51.02	81.98626	0	18.01374	10.42855	7.585188	36.86322	1
1699.355	1699.951	1031.951	56.51	125.33	52.93	49.32	85.42594	0	14.57406	14.57406	0	37.76587	1
1699.36	1699.956	1031.956	53.45	36.38	52.93	51.11	86.05204	0	13.94796	9.947349	4.000611	34.20242	1
1699.365	1699.961	1031.961	52.51	26.1	51.79	49.96	90.9546	0	9.0454	9.0454	0	34.8903	1
1699.37	1699.966	1031.966	54.02	36.74	53.06	51.96	88.85052	0	11.14948	11.14948	0	34.73586	1
1699.375	1699.971	1031.971	54.82	41.92	53.35	51.61	90.81346	0	9.18654	9.18654	0	35.54347	1
1699.38	1699.976	1031.976	57.53	65.67	56.49	53.71	79.24026	0	20.75974	18.28961	2.470132	34.4079	1

1699.385	1699.98	1031.98	56.14	50.66	54.51	51.87	88.72398	0	11.27602	11.27602	0	35.57394	1
1699.39	1699.985	1031.985	58.26	58.35	57.32	57.09	79.5651	0	20.4349	4.204898	16.23	33.77947	1
1699.395	1699.99	1031.99	59.36	64.36	58.06	56.75	79.88868	0	20.11132	4.47567	15.63565	34.24853	1
1699.4	1699.995	1031.995	58.9	48.17	57.96	55.38	81.43986	0	18.56014	18.56014	0	34.20133	1
1699.405	1700	1032	57.93	48.51	56.7	54.84	84.49748	0	15.50252	4.647601	10.85492	34.55119	1
1699.41	1700.005	1032.005	57.37	47.94	55.73	53.32	88.32812	0	11.67188	10.06637	1.605505	35.3737	1
1699.415	1700.01	1032.01	57.05	38.68	55.63	53.26	89.15844	0	10.84156	10.84156	0	35.22462	1
1699.42	1700.015	1032.015	58.34	46.44	57.24	54.54	83.61372	0	16.38628	14.70161	1.684667	34.49841	1
1699.425	1700.02	1032.02	59.16	60.8	57.63	53.3	82.7167	0	17.2833	4.82899	12.45431	35.12085	1
1699.43	1700.025	1032.025	59.98	54.04	59.1	56.04	78.56072	0	21.43928	15.05177	6.387506	34.1124	1
1699.435	1700.03	1032.03	62.28	61.72	61.48	60.96	73.96616	0	26.03384	13.88558	12.14826	33.48811	1
1699.44	1700.035	1032.035	62.12	59.55	62.28	63.69	67.1985	0	32.8015	22.67821	10.12329	32.73892	1
1699.445	1700.04	1032.04	63.71	59.59	64	67.41	64.71852	0	35.28148	10.40612	24.87536	32.51304	1
1699.45	1700.045	1032.045	61.99	58.31	61.55	57.52	72.26818	0	27.73182	6.183611	21.54821	33.92028	1
1699.455	1700.05	1032.05	60.63	58.07	59.39	56.04	79.77746	0	20.22254	9.635513	10.58703	34.45733	1
1699.46	1700.055	1032.055	60.78	44.08	60.1	58.45	78.68504	0	21.31496	12.35575	8.959213	33.62807	1
1699.465	1700.06	1032.06	61.27	47.93	60.79	60.91	75.75254	0	24.24746	16.3002	7.947261	33.12123	1
1699.47	1700.065	1032.065	61.96	43.38	62.88	64.91	65.36884	0	34.63116	25.21766	9.413505	32.22036	1
1699.475	1700.07	1032.07	60.56	48.49	61.21	60.91	67.51272	0	32.48728	19.05659	13.43069	32.63035	1
1699.48	1700.075	1032.075	60.9	46.8	61.15	65.89	70.7089	0	29.2911	11.50347	17.78763	31.8361	1
1699.485	1700.08	1032.08	60.62	41.92	61.38	64.43	68.19496	0	31.80504	9.5647	22.24034	31.88014	1
1699.49	1700.085	1032.085	58.03	37.59	57.37	56.55	82.63062	0	17.36938	12.54178	4.827602	33.69285	1
1699.495	1700.09	1032.09	57.46	50.93	56	54.93	86.12674	0	13.87326	13.87326	0	34.7781	1
1699.5	1700.095	1032.095	53.76	27.93	53	51.04	89.67174	0	10.32826	6.553606	3.774654	34.74218	1
1699.505	1700.1	1032.1	50.47	26.7	49.74	48.91	92.7637	0	7.2363	7.2363	0	35.08107	1
1699.51	1700.105	1032.105	46.19	24.67	45.49	45.85	96.96006	0	3.03994	3.03994	0	35.74822	1
1699.515	1700.11	1032.11	45.75	32	45.1	44.1	95.2035	0	4.7965	4.7965	0	35.75224	1
1699.52	1700.115	1032.115	46.63	31.1	46.24	46.32	92.5967	0	7.4033	5.006764	2.396536	34.79846	1
1699.525	1700.12	1032.12	48.31	36.22	48.06	46.89	88.72706	0	11.27294	3.311937	7.961003	34.33403	1
1699.53	1700.125	1032.125	46.12	33.41	45.61	45.12	93.43688	0	6.56312	6.56312	0	35.21487	1
1699.535	1700.13	1032.13	46.32	26.54	45.98	45.43	93.59792	0	6.40208	3.090831	3.311249	34.97893	1
1699.54	1700.134	1032.134	47.01	25.19	46.76	47.8	92.59232	0	7.40768	7.40768	0	34.38602	1
1699.545	1700.139	1032.139	48.8	27.18	48.35	48.45	92.01394	0	7.98606	7.98606	0	34.61458	1
1699.55	1700.144	1032.144	45.2	23.45	44.24	43.06	100	0	0	0	0	36.91434	1
1699.555	1700.149	1032.149	43.39	16.33	42.57	41.76	100	0	0	0	0	36.30976	1
1699.56	1700.154	1032.154	43.41	16.34	42.57	41.35	100	0	0	0	0	36.38224	1
1699.565	1700.159	1032.159	46.07	24.56	44.95	43.72	100	0	0	0	0	37.01686	1
1699.57	1700.164	1032.164	49.81	35.03	48.9	48.02	92.75004	0	7.24996	7.24996	0	35.39393	1
1699.575	1700.169	1032.169	51.54	68.13	49.47	45.47	92.13824	0	7.86176	7.86176	0	37.25013	1
1699.58	1700.174	1032.174	50.68	72.17	47.81	45.56	98.15176	0	1.84824	1.84824	0	38.85991	1
1699.585	1700.179	1032.179	48.61	17.34	48.43	47.85	92.47752	0	7.52248	7.52248	0	34.43497	1
1699.59	1700.184	1032.184	48.26	15.7	47.84	47.79	95.0564	0	4.9436	4.9436	0	34.98107	1
1699.595	1700.189	1032.189	48.42	17.32	47.8	47.04	96.06716	0	3.93284	3.93284	0	35.4966	1
1699.6	1700.194	1032.194	50.16	16.34	49.81	49.82	92.61102	0	7.38898	7.38898	0	34.43679	1
1699.605	1700.199	1032.199	50.43	18.72	50.1	49.02	91.63166	0	8.36834	6.415904	1.952436	34.49247	1
1699.61	1700.204	1032.204	49.75	17.06	49.31	49.37	93.51148	0	6.48852	6.48852	0	34.67688	1
1699.615	1700.209	1032.209	48.46	11.93	48.2	47.76	94.54474	0	5.45526	5.45526	0	34.75504	1
1699.62	1700.214	1032.214	48.71	12.58	48.41	47.23	94.46744	0	5.53256	5.53256	0	34.91545	1
1699.625	1700.219	1032.219	48.65	13.86	48.33	47.67	94.36788	0	5.63212	5.63212	0	34.84053	1
1699.63	1700.224	1032.224	47.75	12.79	47.35	46.67	96.07482	0	3.92518	3.92518	0	35.24173	1
1699.635	1700.229	1032.229	48.03	12.17	47.84	47.49	94.33976	0	5.66024	5.66024	0	34.65594	1
1699.64	1700.234	1032.234	48.58	13.95	48.29	48.43	94.178	0	5.822	5.822	0	34.63634	1
1699.645	1700.239	1032.239	49.33	15.89	49.08	49.08	92.70852	0	7.29148	7.29148	0	34.38504	1
1699.65	1700.244	1032.244	49.91	20.65	49.51	49.61	92.1855	0	7.8145	7.8145	0	34.46422	1
1699.655	1700.249	1032.249	47.58	19.7	47.22	46.37	94.249	0	5.751	5.751	0	35.01432	1
1699.66	1700.254	1032.254	44.73	12.35	44.35	43.65	98.8047	0	1.1953	1.1953	0	35.88286	1
1699.665	1700.259	1032.259	42.85	14.39	42.29	41.24	100	0	0	0	0	36.26283	1
1699.67	1700.264	1032.264	43.71	18.93	42.96	41.44	100	0	0	0	0	36.63842	1
1699.675	1700.269	1032.269	45.51	24.05	44.9	42	97.0382	0	2.9618	2.9618	0	36.30062	1
1699.68	1700.274	1032.274	45.67	20.03	45.02	43.86	98.17384	0	1.82616	1.82616	0	36.17574	1
1699.685	1700.279	1032.279	44.28	17.4	43.46	42.61	100	0	0	0	0	36.46428	1
1699.69	1700.284	1032.284	44.22	20.81	43.32	41.96	100	0	0	0	0	36.72038	1
1699.695	1700.288	1032.288	46.91	35.56	45.51	44.43	99.08728	0	0.91272	0.91272	0	37.23844	1
1699.7	1700.293	1032.293	49.65	46.78	48.53	47.65	91.68124	0	8.31876	8.31876	0	35.58747	1
1699.705	1700.298	1032.298	53.29	33	53.2	53.2	83.6847	0	16.3153	12.09958	4.215723	33.24356	1
1699.71	1700.303	1032.303	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1700.01	1700.602	1032.602	62.02	12.91	61.33	59	85.16488	0	14.83512	7.106385	7.728735	33.88588	-9999
1700.015	1700.607	1032.607	61.64	10.42	61.29	60.83	83.48206	0	16.51794	16.51794	0	33.20832	-9999
1700.02	1700.612	1032.612	61.64	11.28	61.25	61.43	83.58394	0	16.41606	13.89747	2.518587	33.12595	-9999
1700.025	1700.617	1032.617	63.07	22.7	62.21	61.47	83.1472	0	16.8528	16.8528	0	33.58398	-9999
1700.03	1700.623	1032.623	67.15	59.01	64.68	63	83.08408	0	16.91592	13.82741	3.088511	34.43133	-9999
1700.035	1700.628	1032.628	74.15	97.7	70.35	67.61	77.5886	0	22.4114	19.68611	2.72529	33.6063	-9999
1700.04	1700.633	1032.633	76.67	84.26	74.45	70.65	66.27768	0	33.72232	12.65384	21.06848	33.9297	-9999

1700.045	1700.638	1032.638	85.57	193.14	84.65	81.44	21.66572	10.86007	67.47421	46.66203	20.81218	30.53159	-9999
1700.05	1700.643	1032.643	89.61	176.53	90.61	93.21	7.08854	18.8408	74.07066	65.12424	8.946429	-9999	-9999
1700.055	1700.648	1032.648	89.32	145.89	90.63	95.98	12.36772	17.8694	69.76288	45.82282	23.94006	30.36757	-9999
1700.06	1700.654	1032.654	87.96	146.7	88.59	96.22	18.6929	14.20742	67.09968	38.11419	28.98549	29.41682	-9999
1700.065	1700.659	1032.659	84.32	210.81	81.57	83.27	32.72208	6.505367	60.77255	42.94111	17.83144	28.95447	-9999
1700.07	1700.664	1032.664	79.46	204.36	73.49	68	63.70918	0	36.29082	14.05977	22.23105	32.55949	-9999
1700.075	1700.669	1032.669	76.13	145.88	73.28	64.83	56.74494	1.850417	41.40464	30.33322	11.07143	33.19537	-9999
1700.08	1700.674	1032.674	69.15	31.3	68.33	66.74	75.1624	0	24.8376	20.80675	4.030849	33.46529	-9999
1700.085	1700.679	1032.679	69.34	30.51	68.06	67.27	78.74378	0	21.25622	15.74292	5.513298	33.43194	-9999
1700.09	1700.685	1032.685	70.13	51.96	68.17	67.15	78.09608	0	21.90392	20.04486	1.859056	33.62345	-9999
1700.095	1700.69	1032.69	71.83	62.85	70.63	68.72	68.0067	0	31.9933	19.69792	12.29538	33.85974	-9999
1700.1	1700.695	1032.695	75.97	82.52	74.61	70.29	60.67776	0.321847	39.00039	16.77912	22.22127	34.44928	-9999
1700.105	1700.7	1032.7	74.61	74.3	72.02	69.94	73.4507	0	26.5493	10.45153	16.09777	33.41859	-9999
1700.11	1700.705	1032.705	83.5	68.51	82.29	79.79	55.97808	1.054138	42.96778	11.82823	31.13955	34.11357	10
1700.115	1700.71	1032.71	100.8	69.34	101.16	101.06	27.69372	18.10136	54.20492	27.22979	26.97513	31.10449	10
1700.12	1700.716	1032.716	102.1	64.59	102.24	102.89	29.35222	17.53381	53.11397	28.86879	24.24519	31.04366	10
1700.125	1700.721	1032.721	103.13	51.85	103.37	102.82	30.7127	18.59711	50.69019	27.58347	23.10672	31.25644	10
1700.13	1700.726	1032.726	107.09	66.63	107.57	108.31	21.63274	27.02505	51.34221	24.48314	26.85906	30.18138	10
1700.135	1700.731	1032.731	112.51	96.18	113.91	115.16	2.36524	50.80146	46.8333	46.8333	0	-9999	10
1700.14	1700.736	1032.736	115.55	66.1	116.35	118.04	11.4978	47.96087	40.54133	30.63509	9.906235	27.89983	10
1700.145	1700.741	1032.741	116.62	52.4	117.72	119.62	11.5038	54.78605	33.71015	12.86597	20.84418	26.92094	10
1700.15	1700.747	1032.747	117.02	48.26	117.98	119.42	13.22268	53.3519	33.42542	20.49096	12.93445	26.98016	10
1700.155	1700.752	1032.752	118.37	53.7	119.59	121.25	8.6492	62.46215	28.88865	14.77193	14.11672	26.1207	10
1700.16	1700.757	1032.757	119.98	57.79	121.14	122.59	6.64322	67.16315	26.19363	13.21258	12.98106	-9999	10
1700.165	1700.762	1032.762	119.6	57.83	121.02	122.55	4.96814	70.85828	24.17358	24.17358	0	-9999	10
1700.17	1700.767	1032.767	119.7	52	120.86	121.92	8.302	65.7816	25.9164	25.9164	0	25.68139	10
1700.175	1700.772	1032.772	118.94	77.07	120.76	123.39	0	77.34125	22.65875	22.65875	0	-9999	10
1700.18	1700.778	1032.778	119.68	72.51	121.26	123	0.10198	75.29246	24.60556	24.60556	0	-9999	10
1700.185	1700.783	1032.783	118.18	66.96	119.65	121.98	3.67758	67.24597	29.07645	26.27879	2.797658	-9999	10
1700.19	1700.788	1032.788	115.69	45.7	116.33	117.92	17.5458	44.46966	37.98454	19.06641	18.91812	27.84346	10
1700.195	1700.793	1032.793	112.68	45.75	113.61	114.66	18.0554	41.44612	40.49848	19.60726	20.89123	28.49799	10
1700.2	1700.798	1032.798	108.36	49.83	109.1	110	22.51494	30.66602	46.81904	35.46957	11.34948	29.75033	10
1700.205	1700.803	1032.803	102.32	57.34	102.41	102.29	31.29182	16.89392	51.81426	28.97619	22.83807	31.30931	10
1700.21	1700.809	1032.809	103.82	76.11	103.98	104.89	24.82698	20.37912	54.7939	24.6196	30.1743	30.70857	10
1700.215	1700.814	1032.814	103.7	69.39	103.92	104.24	26.09862	20.28297	53.61841	34.20135	19.41705	30.83829	10
1700.22	1700.819	1032.819	100.67	97.88	101.57	102.76	16.72164	23.81477	59.46359	29.73884	29.72475	30.68191	10
1700.225	1700.824	1032.824	103.32	82.84	104	104.24	19.62832	24.5304	55.84128	43.50814	12.33314	30.63253	10
1700.23	1700.829	1032.829	107.33	67.62	107.51	107.69	23.49736	24.46301	52.03963	29.4368	22.60283	30.47078	10
1700.235	1700.834	1032.834	108.3	58.83	108.37	108.02	25.58464	24.11423	50.30113	32.36044	17.94068	30.57077	10
1700.24	1700.84	1032.84	109.22	65.39	109.55	110.28	21.13572	28.71856	50.14572	28.68191	21.46381	29.96382	10
1700.245	1700.845	1032.845	111.77	64.5	111.98	112.18	19.9351	31.55895	48.50595	36.55056	11.95539	29.70809	10
1700.25	1700.85	1032.85	112.84	62.54	113.12	114.65	18.88252	34.27874	46.83874	31.12824	15.7105	29.15931	10
1700.255	1700.855	1032.855	112.87	64.99	113.37	113.83	16.55702	37.4096	46.03338	36.41952	9.613864	29.1355	10
1700.26	1700.86	1032.86	113.77	52.66	113.76	115.06	22.66538	31.46389	45.87073	18.14728	27.72346	29.33834	10
1700.265	1700.865	1032.865	113.11	52.07	113.43	114.53	20.85786	34.62204	44.5201	16.28047	28.23963	29.10464	10
1700.27	1700.871	1032.871	113.54	49.21	114.04	113.28	19.75938	37.74199	42.49863	26.09876	16.39988	29.11137	10
1700.275	1700.876	1032.876	113.54	48.49	113.8	114.29	21.79362	34.41419	43.79219	29.55507	14.23713	29.18734	10
1700.28	1700.881	1032.881	112.89	50.91	113.1	113.76	22.19348	32.66936	45.13716	18.04883	27.08833	29.37579	10
1700.285	1700.886	1032.886	112.76	49.77	112.76	113.22	24.21646	29.62932	46.15422	33.50362	12.6506	29.71852	10
1700.29	1700.891	1032.891	113.05	50.91	113.47	115.18	20.41878	35.75919	43.82203	14.26005	29.56198	28.88333	10
1700.295	1700.896	1032.896	112.79	59.05	113.06	113.76	19.8506	33.81723	46.33217	25.15582	21.17636	29.32314	10
1700.3	1700.902	1032.902	112.74	63.56	113.11	113.72	18.03018	35.33601	46.63381	27.32204	19.31177	29.25975	10
1700.305	1700.907	1032.907	113.63	73	114.16	114.82	13.6869	39.95367	46.35943	38.04304	8.31639	28.97481	10
1700.31	1700.912	1032.912	115.18	68.73	115.67	117.82	13.60424	42.53549	43.86027	31.65776	12.20251	28.29789	10
1700.315	1700.917	1032.917	115.36	63.9	115.85	115.56	14.6075	42.62439	42.76811	20.95197	21.81613	28.6415	10
1700.32	1700.922	1032.922	114.99	66.9	115.24	115.71	16.0819	38.454	45.4641	24.26294	21.20116	28.91338	10
1700.325	1700.927	1032.927	114.28	67.73	114.55	115.24	16.37924	37.3292	46.29156	32.98643	13.30513	29.02835	10
1700.33	1700.933	1032.933	113.95	57.31	114.24	114.67	19.04948	36.23641	44.71411	17.94998	26.76413	29.07037	10
1700.335	1700.938	1032.938	113.03	59.3	113.33	114.35	19.3368	34.68849	45.97471	19.19426	26.78045	29.17588	10
1700.34	1700.943	1032.943	112.52	59.01	112.94	113.88	18.94618	35.25142	45.8024	34.62477	11.17764	29.17401	10
1700.345	1700.948	1032.948	112.09	69.08	112.44	113.22	17.44734	34.20612	48.34654	29.78631	18.56023	29.4188	10
1700.35	1700.953	1032.953	112.88	74.65	113.2	115.24	15.6051	35.69903	48.69587	33.99048	14.70539	29.09718	10
1700.355	1700.958	1032.958	113.71	84.51	114.1	117.29	11.91288	38.96612	49.121	25.80163	23.31937	28.7755	10
1700.36	1700.964	1032.964	114.03	77.03	114.41	117.44	13.50614	38.98666	47.5072	30.53213	16.97506	28.63781	10
1700.365	1700.969	1032.969	114.07	71.2	114.37	115.24	15.5002	37.55663	46.94317	35.09634	11.84683	29.04184	10
1700.37	1700.974	1032.974	114.04	65.2	114.51	114.71	15.6623	39.4727	44.865	21.34841	23.51659	28.93444	10
1700.375	1700.979	1032.979	114.22	42.49	114.59	114.85	21.76752	36.91276	41.31972	24.75707	16.56265	28.90246	10
1700.38	1700.984	1032.984	113.26	34.71	113.57	115.12	24.99848	33.61035	41.39117	27.22588	14.16529	29.0421	10
1700.385	1700.989	1032.989	112.76	41.57	113.12	114.12	23.41086	33.75944	42.8297	30.07244	12.75726	29.17264	10
1700.39	1700.995	1032.995	113.24	48.2	113.46	115.57	22.4498	33.27724	44.27296	16.79518	27.47778	29.01487	10
1700.395	1701	1033	113.51	53.84	113.71	114.24	20.99152	33.90419	45.10429	18.85959	26.24469	29.26318	10
1700.4	1701.005	1033.005	112.93	44.92	113.24	113.82	22.83126	33.65693	43.51181	29.58861	13.9232	29.26297	10
1700.405	1701.01	1033.01	109.85	44.35	110.43	111.39	23.7103	31.18316	45.10654	19.06998	26.03656	29.5982	10

1700.41	1701.015	1033.015	108.23	50.25	108.51	111.35	26.0979	25.61455	48.28755	29.55235	18.73519	29.84755	10
1700.415	1701.02	1033.02	105.43	55.82	105.35	105.33	30.11596	18.80866	51.07538	30.17631	20.89907	31.09426	10
1700.42	1701.026	1033.026	102.53	67.24	101.65	101.65	36.22032	10.43115	53.34853	31.60792	21.7406	31.96534	10
1700.425	1701.031	1033.031	106.67	50.85	106.9	105.7	27.7754	22.90574	49.31886	31.93213	17.38673	30.89751	10
1700.43	1701.036	1033.036	105.99	82.64	106.76	107.86	16.52282	29.22203	54.25515	26.2905	27.96465	30.16485	10
1700.435	1701.041	1033.041	107.85	49.64	108.2	109.48	26.05262	25.72184	48.22554	23.96108	24.26446	30.13723	10
1700.44	1701.046	1033.046	108.41	36.23	108.49	108.51	30.87514	22.84806	46.2768	25.95302	20.32378	30.73	10
1700.445	1701.051	1033.051	109.17	38.15	109.25	109.94	29.7113	24.07773	46.21097	30.5607	15.65027	30.42949	10
1700.45	1701.057	1033.057	113.49	45.37	113.67	114.78	23.21466	33.02421	43.76113	14.63138	29.12975	29.19819	10
1700.455	1701.062	1033.062	120.33	54.24	120.73	121.55	13.07032	53.30434	33.62534	18.92421	14.70113	26.77623	10
1700.46	1701.067	1033.067	120.68	51.49	120.96	121.02	14.34382	51.79799	33.85819	21.62314	12.23505	26.96556	10
1700.465	1701.072	1033.072	119.11	49.65	119.56	119.61	14.916	50.48797	34.59603	24.42692	10.16911	27.25034	10
1700.47	1701.077	1033.077	119.13	45.41	119.32	118.43	17.93868	45.57298	36.48834	24.26044	12.2279	27.84654	10
1700.475	1701.083	1033.083	118.89	54.77	119.43	119.87	13.18186	51.84649	34.97165	23.11893	11.85272	27.17314	10
1700.48	1701.088	1033.088	112.27	50.06	112.74	113.34	20.95458	34.80271	44.24271	20.26563	23.97708	29.21851	10
1700.485	1701.093	1033.093	100.49	54.22	100.26	101.32	36.21046	12.61888	51.17066	18.45364	32.71702	31.62827	10
1700.49	1701.098	1033.098	90.73	74.17	89.82	90.12	45.63176	4.584506	49.78373	28.94678	20.83696	32.47406	10
1700.495	1701.103	1033.103	95.92	41.94	95.84	95.67	42.22412	9.152525	48.62336	26.55007	22.07328	32.53348	10
1700.5	1701.108	1033.108	98.88	89.24	99.29	102.08	24.25682	17.81215	57.93103	39.44699	18.48404	30.51621	10
1700.505	1701.114	1033.114	114.75	73.77	115.76	116.5	8.75016	49.58861	41.66123	25.83558	15.82565	28.24739	10
1700.51	1701.119	1033.119	120.36	57.01	121.08	121.63	9.89238	59.78241	30.32521	18.90284	11.42237	26.29651	10
1700.515	1701.124	1033.124	121.06	51.11	121.28	121.34	14.55118	51.66645	33.78237	22.5673	11.21507	26.92514	10
1700.52	1701.129	1033.129	120.68	58.61	120.84	120.49	13.55078	49.95423	36.49499	28.39035	8.104641	27.35402	10
1700.525	1701.134	1033.134	120.31	55.56	120.7	121.28	12.84678	53.14401	34.00921	23.71481	10.2944	26.86421	10
1700.53	1701.139	1033.139	120.83	52.18	121.39	121.98	11.86884	57.78788	30.34328	26.28998	4.053303	26.28559	10
1700.535	1701.145	1033.145	119.03	51.1	119.2	119.55	16.8087	45.34914	37.84216	29.16221	8.679948	27.72579	10
1700.54	1701.15	1033.15	118.02	45.19	118.13	118.85	19.63312	41.47945	38.88743	13.63311	25.25431	28.07454	10
1700.545	1701.155	1033.155	118.34	43.35	118.59	119.33	18.699	44.51162	36.78938	25.88076	10.90862	27.70738	10
1700.55	1701.16	1033.16	117.89	34.24	118.11	117.41	21.55012	42.28767	36.16221	7.792073	28.37014	28.16854	10
1700.555	1701.165	1033.165	115.1	30.58	115.2	115.2	25.93264	34.04054	40.02682	24.52949	15.49733	29.16747	10
1700.56	1701.17	1033.17	114.86	40.3	115.12	114.67	22.5612	36.53183	40.90697	16.14207	24.7649	29.01465	10
1700.565	1701.176	1033.176	118.14	52.94	118.32	118.71	17.10472	43.47169	39.42359	15.18491	24.23868	28.0141	10
1700.57	1701.181	1033.181	115.32	42	115.28	115.02	24.0516	33.19892	42.74948	19.02578	23.7237	29.31623	10
1700.575	1701.186	1033.186	114.42	51.93	114.9	114.55	18.44654	39.54662	42.00684	28.56	13.44684	28.82861	10
1700.58	1701.191	1033.191	116.02	48.49	115.93	114.74	22.22452	34.24717	43.52831	15.5554	27.97291	29.3602	10
1700.585	1701.196	1033.196	117.17	48.49	117.61	118.94	17.05902	45.14827	37.79271	28.57745	9.215263	27.71321	10
1700.59	1701.201	1033.201	117.74	43.15	117.57	117.37	22.5544	36.07231	41.37329	20.68469	20.6886	28.83561	10
1700.595	1701.207	1033.207	114.62	38.85	114.83	116.06	23.5204	35.21936	41.26024	20.93254	20.3277	28.85291	10
1700.6	1701.212	1033.212	116.94	36.47	117.29	118.18	20.87696	42.30798	36.81506	22.06911	14.74595	27.97236	10
1700.605	1701.217	1033.217	116.68	48.11	117.18	118.59	17.13678	44.879	37.98422	18.65797	19.32625	27.76742	10
1700.61	1701.222	1033.222	115.21	34.37	115.19	114.21	25.84426	32.76451	41.39123	17.84564	23.54559	29.49206	10
1700.615	1701.227	1033.227	112.96	38.83	112.94	112.16	26.83494	28.97496	44.1901	16.64745	27.54265	30.00326	10
1700.62	1701.232	1033.232	113.86	42.35	113.45	112.18	28.1776	25.53781	46.28459	18.72645	27.55814	30.45635	10
1700.625	1701.238	1033.238	108.8	32.18	108.7	107.76	32.89144	21.23101	45.87755	19.837	26.04055	31.14049	10
1700.63	1701.243	1033.243	104.38	27.3	104.18	103.61	38.9138	14.69462	46.39158	24.74848	21.64309	32.11195	10
1700.635	1701.248	1033.248	104.97	20.91	104.77	104.85	39.91738	14.88759	45.19503	29.87321	15.32182	32.0839	10
1700.64	1701.253	1033.253	105.08	29.02	105.45	106.56	33.43606	20.58072	45.98322	24.78354	21.19968	30.92572	10
1700.645	1701.258	1033.258	103.22	26.89	103.33	103.38	37.67772	15.96706	46.35522	20.28912	26.0661	31.79775	10
1700.65	1701.263	1033.263	101.24	25.65	101.59	102.43	37.9394	15.555	46.5056	24.90574	21.59986	31.71677	10
1700.655	1701.269	1033.269	100.79	30.12	101.33	102.45	35.79916	16.74793	47.45291	16.59744	30.85547	31.41557	10
1700.66	1701.274	1033.274	101.04	29.57	101.41	101.29	37.01976	15.74857	47.23167	21.25276	25.97891	31.7969	10
1700.665	1701.279	1033.279	98.95	28.73	99.33	100.06	39.06834	13.59932	47.33234	30.15448	17.17786	31.94884	10
1700.67	1701.284	1033.284	95.69	42.32	96.67	99.67	34.12876	14.96861	50.90263	24.4207	26.48192	31.06179	10
1700.675	1701.289	1033.289	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1701.005	1701.63	1033.63	70.43	74.58	70.31	73.86	58.08604	0.976231	40.93773	12.96986	27.96786	32.34994	9
1701.01	1701.636	1033.636	68.2	29.1	68.14	69.3	70.6788	0	29.3212	10.85599	18.46521	32.85083	9
1701.015	1701.641	1033.641	68.48	33.24	68.48	68.67	68.95432	0	31.04568	8.813043	22.23264	33.12081	9
1701.02	1701.646	1033.646	69.42	41.87	69.35	68.1	66.54356	0	33.45644	14.17576	19.28068	33.62389	9
1701.025	1701.651	1033.651	73.18	30.87	72.81	71.16	68.07136	0	31.92864	7.886641	24.042	33.85645	9
1701.03	1701.656	1033.656	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1701.035	1701.661	1033.661	75.82	47.33	75.42	73.7	61.89174	0	38.10826	11.43304	26.67522	34.63588	9
1701.04	1701.667	1033.667	74.23	57.87	73.72	72.74	61.65636	0	38.34364	8.844017	29.49962	34.34851	9
1701.045	1701.672	1033.672	76.04	25.63	76.44	77.78	60.74074	0.025123	39.23414	26.10864	13.1255	34.59906	9
1701.05	1701.677	1033.677	78.9	22.48	78.96	78.81	61.50684	0	38.49316	24.86386	13.6293	35.1764	9
1701.055	1701.682	1033.682	81.35	31	81.33	80.61	57.811	1.165018	41.02398	21.5527	19.47128	34.60288	9
1701.06	1701.687	1033.687	82.65	59.35	82.44	81.71	51.2268	3.01313	45.76007	16.94763	28.81244	33.15003	9
1701.065	1701.692	1033.692	81.62	86.62	82.91	83.26	33.95006	8.690908	57.35903	21.88766	35.47138	31.11086	9
1701.07	1701.698	1033.698	81.48	55.36	82.16	83.47	46.37128	4.775939	48.85278	32.49695	16.35583	32.20686	9
1701.075	1701.703	1033.703	81.83	35.01	81.91	81.69	55.62398	1.882517	42.4935	23.7403	18.75321	34.08782	9
1701.08	1701.708	1033.708	83.94	31.74	83.82	83.91	56.02412	1.8887	42.08718	17.67833	24.40885	34.24975	9
1701.085	1701.713	1033.713	84.12	44.75	84.37	84.16	49.8426	3.979981	46.17742	22.73834	23.43908	33.16202	9
1701.09	1701.718	1033.718	85.68	44.83	85.95	86.17	48.23304	4.779641	46.98732	26.1469	20.84042	32.9273	9
1701.095	1701.723	1033.723	87.35	50.45	87.38	87.2	47.1966	5.133273	47.67013	32.1088	15.56132	32.85608	9

1701.1	1701.729	1033.729	89.93	53.79	90.06	90.63	43.23972	7.111544	49.64874	26.02995	23.61879	32.29653	9
1701.105	1701.734	1033.734	93.68	55.36	93.85	94.45	39.09978	9.785345	51.11488	19.14814	31.96674	31.92738	9
1701.11	1701.739	1033.739	95.53	76.92	95.72	97.24	32.02526	12.71207	55.26267	36.13353	19.12914	31.11945	9
1701.115	1701.744	1033.744	97.53	99.26	97.97	98.82	22.84148	17.38136	59.77716	41.83728	17.93987	30.87026	9
1701.12	1701.749	1033.749	97.12	83.04	97.91	98.8	24.43142	18.03644	57.53214	24.38825	33.14388	30.88419	9
1701.125	1701.754	1033.754	97.21	55.99	97.72	97.78	33.06472	14.58885	52.34643	26.65215	25.69428	31.48408	9
1701.13	1701.76	1033.76	97.27	51.51	97.61	98.35	35.41118	13.31095	51.27787	36.74031	14.53756	31.56951	9
1701.135	1701.765	1033.765	94.89	127.74	97.03	98.83	5.20312	26.56371	68.23317	64.02708	4.206089	-9999	9
1701.14	1701.77	1033.77	88.23	315.84	94.62	93.23	0	51.84379	48.15621	48.15621	0	-9999	9
1701.145	1701.775	1033.775	83.64	390.33	89.36	60.15	0	46.24513	53.75487	53.75487	0	-9999	9
1701.15	1701.78	1033.78	80.15	387.86	81.21	59.18	0	27.64028	72.35972	72.35972	0	-9999	9
1701.155	1701.785	1033.785	74.07	250.93	65.77	60.88	75.45554	1.233651	23.31081	17.18144	6.129372	33.71802	9
1701.16	1701.791	1033.791	71.11	165.03	66.22	62.79	72.53904	0.439989	27.02097	13.69545	13.32552	34.44273	9
1701.165	1701.796	1033.796	64.1	32.76	63.64	63.43	76.66508	0	23.33492	14.71166	8.623259	33.06794	9
1701.17	1701.801	1033.801	62.99	32.31	62.41	61.71	78.72518	0	21.27482	18.49882	2.776005	33.26707	9
1701.175	1701.806	1033.806	64.47	40.84	63.33	61.57	79.63932	0	20.36068	19.0216	1.339083	33.79393	9
1701.18	1701.811	1033.811	62.77	40.52	61.85	59.89	79.57576	0	20.42424	9.059423	11.36482	33.76966	9
1701.185	1701.816	1033.816	57.95	15.86	57.92	57.61	83.08038	0	16.91962	15.19252	1.727097	32.97814	9
1701.19	1701.822	1033.822	55.71	15.7	55.63	55.27	85.5674	0	14.4326	4.477394	9.955206	33.2425	9
1701.195	1701.827	1033.827	58.88	30.18	58.59	57.28	80.77434	0	19.22566	7.683876	11.54178	33.31224	9
1701.2	1701.832	1033.832	62.43	48.3	62.38	58.92	71.2633	0	28.7367	7.332748	21.40395	33.54033	9
1701.205	1701.837	1033.837	65.13	38.8	65.49	65.98	67.9008	0	32.0992	23.98825	8.110953	32.80606	9
1701.21	1701.842	1033.842	67.9	42.15	67.76	66.59	68.4167	0	31.5833	11.43847	20.14483	33.41809	9
1701.215	1701.847	1033.847	70.35	65.49	69.39	66.39	66.86942	0	33.13058	18.42187	14.70871	34.12045	9
1701.22	1701.853	1033.853	72.27	106.32	70.73	68.43	59.71716	1.178537	39.1043	21.69632	17.40799	33.08397	9
1701.225	1701.858	1033.858	75.96	144.63	75.89	79.76	35.65884	7.062086	57.27907	33.86601	23.41306	29.1833	9
1701.23	1701.863	1033.863	77.5	162.98	78.14	83.43	24.29884	10.31774	65.38342	30.65696	34.72646	28.89521	9
1701.235	1701.868	1033.868	76.21	234.97	79.43	84.06	0	20.61557	79.38443	79.38443	0	-9999	9
1701.24	1701.873	1033.873	75.03	330.93	75.84	79.54	0	21.1489	78.8511	78.8511	0	-9999	9
1701.245	1701.878	1033.878	68.84	128.38	66.8	62.73	61.40924	1.69629	36.89447	24.48586	12.40861	32.89519	9
1701.25	1701.884	1033.884	62.64	67.07	61.63	58.67	73.96776	0	26.03224	19.13547	6.896772	34.06599	9
1701.255	1701.889	1033.889	67.56	65.62	67.17	65.56	64.98726	0	35.01274	12.51548	22.49726	33.83836	9
1701.26	1701.894	1033.894	69.26	71.42	68.19	65.53	67.28966	0	32.71034	20.95898	11.75136	34.07394	9
1701.265	1701.899	1033.899	68.52	45.2	68.15	68.78	68.8907	0	31.1093	18.20394	12.90536	33.14984	9
1701.27	1701.904	1033.904	67.76	33.1	67.61	66.72	70.8131	0	29.1869	19.50476	9.682138	33.23085	9
1701.275	1701.909	1033.909	68.52	33.25	68.54	69.27	68.7601	0	31.2399	12.61609	18.62381	33.02746	9
1701.28	1701.915	1033.915	69.4	40.74	68.76	68.45	71.25292	0	28.74708	17.15359	11.59349	33.29096	9
1701.285	1701.92	1033.92	68.34	46.44	68.39	68.94	65.50122	0	34.49878	16.85298	17.6458	33.27798	9
1701.29	1701.925	1033.925	70.89	57.24	70.46	69.74	64.26162	0	35.73838	10.90412	24.83426	33.84755	9
1701.295	1701.93	1033.93	74.56	60.53	74.15	72.62	59.93404	0.385644	39.68032	28.86746	10.81286	34.16511	9
1701.3	1701.935	1033.935	75.26	52.81	75.24	75.44	58.13578	0.7806	41.08362	11.84831	29.2353	33.74471	9
1701.305	1701.94	1033.94	75.07	60.13	75.58	75.57	52.43164	2.276246	45.29211	22.10984	23.18228	32.784	9
1701.31	1701.946	1033.946	74.43	42.28	74.57	75.41	60.20764	0.162208	39.63015	12.57562	27.05453	34.16012	9
1701.315	1701.951	1033.951	76.12	43.68	76.05	76.39	59.94154	0.290527	39.76793	9.887069	29.88086	34.26938	9
1701.32	1701.956	1033.956	80.31	54.55	80.08	79.2	54.6962	1.865106	43.43869	25.16938	18.26931	33.64018	9
1701.325	1701.961	1033.961	81.88	75.1	81.78	79.96	47.2712	4.11211	48.61669	15.77907	32.83761	32.56182	9
1701.33	1701.966	1033.966	83.98	72.6	83.4	83.22	49.6642	3.280021	47.05578	22.5669	24.48888	32.69617	9
1701.335	1701.971	1033.971	83.7	46.34	83.41	83.14	54.02922	2.27442	43.69636	18.99914	24.69722	33.74157	9
1701.34	1701.977	1033.977	82.67	78.52	83.47	84.69	38.74176	7.250022	54.00822	38.46998	15.53824	31.28213	9
1701.345	1701.982	1033.982	77.04	112.42	77.85	78.04	35.64006	7.119569	57.24037	28.23955	29.00082	30.56252	9
1701.35	1701.987	1033.987	74.17	51.02	74.73	75.49	55.07676	1.483893	43.43935	12.574	30.86535	33.14771	9
1701.355	1701.992	1033.992	79.59	33.27	79.86	79.22	56.63336	1.438939	41.9277	17.97413	23.95357	34.25812	9
1701.36	1701.997	1033.997	80.67	31.76	80.66	82.7	58.17518	1.005789	40.81903	13.74905	27.06998	34.10901	9
1701.365	1702.003	1034.003	79.85	24.91	79.8	79.68	60.89728	0.168418	38.9343	19.15212	19.78218	35.10079	9
1701.37	1702.008	1034.008	81.18	24.74	81.25	81.21	58.78482	0.922158	40.29302	10.8686	29.42442	34.75222	9
1701.375	1702.013	1034.013	84.36	30.89	84.38	83.46	54.75842	2.430938	42.81064	19.83298	22.97767	34.24898	9
1701.38	1702.018	1034.018	83.05	43.87	83.26	83.78	51.34996	3.335745	45.3143	25.39184	19.92245	33.20239	9
1701.385	1702.023	1034.023	81.9	65.29	82.39	80.35	45.05432	5.098897	49.84678	27.3628	22.48398	32.54256	9
1701.39	1702.028	1034.028	79.74	69.29	80.52	80.66	43.82602	5.219612	50.95437	20.01572	30.93864	31.88433	9
1701.395	1702.034	1034.034	81.44	57.63	82.06	82.27	46.32374	4.744177	48.93208	28.69313	20.23896	32.36278	9
1701.4	1702.039	1034.039	86.17	43.63	86.43	86.45	48.15014	4.905984	46.94388	32.11223	14.83165	32.9836	9
1701.405	1702.044	1034.044	87.69	88.81	88.64	89.07	30.47068	11.36027	58.16905	32.78246	25.38659	31.09672	9
1701.41	1702.049	1034.049	87.44	76.05	87.58	86.7	40.0661	7.306741	52.62716	34.25304	18.37412	31.94076	9
1701.415	1702.054	1034.054	87.19	75.65	88.19	89.92	33.7279	10.33045	55.94165	34.60144	21.34021	31.08895	9
1701.42	1702.059	1034.059	85.22	58.42	85.4	86.33	46.06496	5.179072	48.75597	20.5903	28.16567	32.32804	9
1701.425	1702.065	1034.065	86.36	52.78	86.89	86.92	43.66854	6.567197	49.76426	35.11493	14.64934	32.35231	9
1701.43	1702.07	1034.07	89.88	61.03	90.19	89.94	40.13864	8.31903	51.54233	21.58795	29.95438	32.06281	9
1701.435	1702.075	1034.075	78.36	264.38	75.15	71.91	28.80634	9.135265	62.0584	41.08905	20.96935	28.26329	8
1701.44	1702.08	1034.08	56.26	84.96	54.24	53.45	83.33548	0	16.66452	15.91478	0.749741	35.3376	8
1701.445	1702.085	1034.085	57.44	31.35	57.41	57.73	79.801	0	20.199	9.004484	11.19452	32.79284	8
1701.45	1702.09	1034.09	59.37	43.18	58.75	56.74	79.73504	0	20.26496	11.14737	9.117587	33.70804	8
1701.455	1702.096	1034.096	66.09	150.1	67.59	59.88	31.248	7.401643	61.35036	41.58213	19.76822	30.7265	8
1701.46	1702.101	1034.101	63.47	175.86	63.71	49.11	37.18948	7.050015	55.76051	35.1088	20.65171	31.11769	8

1701.465	1702.106	1034.106	53.38	45.97	50.76	49.61	100	0	0	0	0	38.12898	8
1701.47	1702.111	1034.111	56.25	86.9	52.55	51.29	95.8952	0	4.1048	4.1048	0	38.43997	8
1701.475	1702.116	1034.116	58.27	113.06	54.53	52.39	88.01608	0	11.98392	11.98392	0	37.47238	8
1701.48	1702.121	1034.121	57.64	78.54	55.54	53.98	84.23952	0	15.76048	15.76048	0	35.42534	8
1701.485	1702.127	1034.127	54.29	27.09	53.92	54.25	86.36492	0	13.63508	13.63508	0	33.5666	8
1701.49	1702.132	1034.132	55.56	27.81	54.76	54.47	88.35478	0	11.64522	11.64522	0	34.21097	8
1701.495	1702.137	1034.137	56.58	39.61	55.65	54.8	85.56828	0	14.43172	14.43172	0	34.19826	8
1701.5	1702.142	1034.142	64.19	118.5	60.55	59.1	80.4782	0	19.5218	19.5218	0	35.6676	8
1701.505	1702.147	1034.147	72.97	184.3	75.3	81.91	10.2095	13.4846	76.3059	60.14354	16.16236	29.63359	8
1701.51	1702.152	1034.152	73.51	204.47	73.71	75.12	21.33906	10.98101	67.67993	43.10379	24.57615	28.77745	8
1701.515	1702.158	1034.158	61.88	150.66	59.39	53.96	65.90818	2.490318	31.6015	18.35298	13.24852	32.81503	8
1701.52	1702.163	1034.163	58.11	268.88	51.96	47.47	69.13234	7.938011	22.92965	21.65279	1.276854	29.68784	8
1701.525	1702.168	1034.168	51.15	81.93	49.39	48.67	86.75494	0	13.24506	4.364282	8.880778	35.83375	8
1701.53	1702.173	1034.173	51.21	72.13	49.45	47.98	89.07134	0	10.92866	10.92866	0	36.12668	8
1701.535	1702.178	1034.178	51.36	39.13	50.35	48.72	91.10684	0	8.89316	8.89316	0	35.32709	8
1701.54	1702.183	1034.183	49.85	28	49.16	48.83	92.7095	0	7.2905	7.2905	0	34.97155	8
1701.545	1702.189	1034.189	52.62	20.53	51.67	50.78	93.98384	0	6.01616	6.01616	0	35.28114	8
1701.55	1702.194	1034.194	59.37	27.61	58.96	57.91	81.87548	0	18.12452	14.18746	3.937063	33.38003	8
1701.555	1702.199	1034.199	62.23	24.49	62.39	62.08	75.58182	0	24.41818	9.430616	14.98756	32.6755	8
1701.56	1702.204	1034.204	64.77	21.28	64.98	65.26	73.63434	0	26.36566	13.35358	13.01208	32.63296	8
1701.565	1702.209	1034.209	67.22	29.83	67.78	69.45	66.59874	0	33.40126	24.71499	8.686275	32.73913	8
1701.57	1702.214	1034.214	67.66	48.91	68.69	71.55	57.93408	0.324645	41.74127	26.15009	15.59118	32.89738	8
1701.575	1702.22	1034.22	72.1	122.24	74.92	78.2	22.23092	9.851507	67.91757	41.64974	26.26784	30.06898	8
1701.58	1702.225	1034.225	70.75	371.07	69.5	59.09	0	19.32947	80.67053	80.67053	0	-9999	8
1701.585	1702.23	1034.23	67.86	299.75	59.22	53.26	71.9893	6.281341	21.72936	7.058654	14.67071	30.88356	8
1701.59	1702.235	1034.235	62.86	83.24	60.27	58.35	82.09722	0	17.90278	6.584688	11.31809	35.1502	8
1701.595	1702.24	1034.24	58.9	39.42	58.26	56.87	81.23236	0	18.76764	4.28107	14.48657	33.66631	8
1701.6	1702.245	1034.245	59.58	74.59	58.08	53.35	78.76062	0	21.23938	6.687115	14.55227	35.02132	8
1701.605	1702.251	1034.251	52.6	35.05	51.51	50.11	91.5734	0	8.4266	6.89595	1.53065	35.30296	8
1701.61	1702.256	1034.256	54.5	51.86	53.17	49.77	87.61738	0	12.38262	2.885649	9.496971	35.44606	8
1701.615	1702.261	1034.261	55.54	56.52	53.12	50.82	93.98036	0	6.01964	6.01964	0	36.98373	8
1701.62	1702.266	1034.266	54.2	20.18	54.1	53.82	86.02744	0	13.97256	12.18784	1.784721	33.3512	8
1701.625	1702.271	1034.271	55.79	18.61	55.5	55.52	86.41708	0	13.58292	13.58292	0	33.44168	8
1701.63	1702.276	1034.276	58.21	25.45	57.86	57.2	83.0004	0	16.9996	15.885	1.114599	33.33921	8
1701.635	1702.282	1034.282	62.62	22.87	62.63	62.61	76.77756	0	23.22244	9.08031	14.14213	32.7189	8
1701.64	1702.287	1034.287	69.01	35.11	69.3	70.09	65.76668	0	34.23332	24.14385	10.08947	33.19999	8
1701.645	1702.292	1034.292	73.45	46.32	73.61	72.11	59.97656	0.217466	39.80597	11.70867	28.0973	34.40664	8
1701.65	1702.297	1034.297	75.51	119.85	76.23	77.43	35.9471	6.879224	57.17368	38.65857	18.5151	30.16389	8
1701.655	1702.302	1034.302	60.23	169.27	60.39	53.68	42.38506	6.054316	51.56062	19.30611	32.25452	29.71877	8
1701.66	1702.307	1034.307	49.53	19.25	49.04	49.06	93.5714	0	6.4286	6.4286	0	34.75916	8
1701.665	1702.313	1034.313	50.35	10.82	50.28	50.43	91.60206	0	8.39794	7.965926	0.432014	33.91172	8
1701.67	1702.318	1034.318	53.81	15.27	53.78	53.48	87.03196	0	12.96804	12.96804	0	33.35599	8
1701.675	1702.323	1034.323	61.27	25.44	61.66	60.98	74.45262	0	25.54738	16.85275	8.694629	32.5793	8
1701.68	1702.328	1034.328	62.94	36.79	63.51	64.78	68.77452	0	31.22548	6.284747	24.94073	32.37668	8
1701.685	1702.333	1034.333	62.24	31.58	62.86	63.71	70.29184	0	29.70816	19.68384	10.02432	32.30672	8
1701.69	1702.338	1034.338	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1702.08	1702.738	1034.738	80.62	23.41	80.16	79.75	63.72938	0	36.27062	19.34734	16.92328	34.7958	8
1702.085	1702.743	1034.743	77.39	21.88	77.26	76.71	64.51374	0	35.48626	10.54973	24.93653	34.50597	8
1702.09	1702.748	1034.748	81.15	53.09	79.57	76.87	64.73922	0	35.26078	19.92374	15.33704	34.00454	8
1702.095	1702.753	1034.753	86.91	50.72	86.21	86.28	53.19356	2.398193	44.40825	22.18207	22.22618	33.64701	8
1702.1	1702.758	1034.758	89.02	170.12	85.92	80.3	40.95756	2.642185	56.40026	38.1163	18.28396	31.7896	8
1702.105	1702.763	1034.763	92.32	160.75	92.21	93	17.0166	14.67447	68.30893	41.70648	26.60245	30.74272	8
1702.11	1702.768	1034.768	81.84	81.54	82.28	79.04	41.56452	6.029126	52.40635	31.27201	21.13434	32.19831	8
1702.115	1702.773	1034.773	81.29	43.99	80.25	78.1	62.62762	0	37.37238	8.663316	28.70906	34.67774	8
1702.12	1702.778	1034.778	80.82	56.52	80.34	75.84	55.68776	1.516519	42.79572	23.79126	19.00446	34.45106	8
1702.125	1702.783	1034.783	79.16	59.83	79.31	75.37	51.53144	2.787334	45.68123	31.29238	14.38884	33.59172	8
1702.13	1702.788	1034.788	78.27	38.73	78.19	78.96	59.23894	0.539787	40.22127	28.23768	11.9836	34.27385	8
1702.135	1702.793	1034.793	80.04	46.6	79.2	78.43	61.596	0	38.404	16.75701	21.64699	34.61993	8
1702.14	1702.798	1034.798	86.15	103.01	83.69	79.69	54.87858	0.122985	44.99843	25.5678	19.43064	33.85881	8
1702.145	1702.803	1034.803	88.68	89.26	87.39	84.37	46.81098	3.473651	49.71537	22.03737	27.678	32.91821	8
1702.15	1702.808	1034.808	91.3	140.04	89.76	84.43	34.04932	6.636899	59.31378	42.11324	17.20054	31.88828	8
1702.155	1702.813	1034.813	89.19	127.3	87.05	84.55	43.7236	3.086371	53.19003	34.47056	18.71946	32.04245	8
1702.16	1702.818	1034.818	87.96	96.93	86.12	81.65	49.87974	1.900993	48.21927	29.11067	19.1086	33.43617	8
1702.165	1702.823	1034.823	90.35	115.6	89.57	89.65	34.9478	7.76241	57.28979	39.03468	18.25511	31.11347	8
1702.17	1702.828	1034.828	90.43	129.51	89.53	85.88	32.43798	8.247482	59.31454	33.85204	25.4625	31.55774	10
1702.175	1702.833	1034.833	91.64	182.11	89.67	84.47	26.88808	7.798993	65.31293	40.60713	24.7058	31.3192	10
1702.18	1702.837	1034.837	92.34	224.16	90.32	78.67	16.45548	10.55209	72.99243	56.79816	16.19427	32.55899	10
1702.185	1702.842	1034.842	98.2	190.93	98.24	102.33	3.14094	21.68507	75.17399	71.11241	4.061587	-9999	10
1702.19	1702.847	1034.847	87.27	249.09	80.18	77.24	54.37932	0	45.62068	19.04391	26.57677	26.95821	10
1702.195	1702.852	1034.852	85.31	218.23	79.59	77.29	53.03314	0	46.96686	27.80745	19.15941	30.01806	10
1702.2	1702.857	1034.857	83.88	93.69	82.29	78.71	52.47992	1.760721	45.75936	30.94393	14.81543	33.35482	10
1702.205	1702.862	1034.862	89.07	106.16	87.27	82.12	46.31488	2.859708	50.82541	34.67754	16.14787	33.07243	10
1702.21	1702.867	1034.867	97	130.4	97.9	101.16	12.2282	21.78382	65.98798	56.13199	9.855997	30.68607	10

1702.215	1702.872	1034.872	98.88	140.4	98.82	98.76	15.5186	18.21142	66.26998	48.84866	17.42131	31.15637	10
1702.22	1702.877	1034.877	99.59	148.33	99.53	99.77	12.94634	19.35144	67.70222	52.24115	15.46107	31.22373	10
1702.225	1702.882	1034.882	94.78	146.31	94.59	92.26	18.86788	14.83068	66.30144	43.80316	22.49828	31.38477	10
1702.23	1702.887	1034.887	94.99	114.94	95.07	97.14	24.17372	14.27775	61.54853	40.17696	21.37157	30.61902	10
1702.235	1702.892	1034.892	96.66	176.04	96.48	90.83	9.86612	18.17139	71.96249	58.08319	13.8793	32.49319	10
1702.24	1702.897	1034.897	94.99	158.11	94.1	88.39	21.24408	12.15075	66.60517	50.03379	16.57138	31.90417	10
1702.245	1702.902	1034.902	95.67	136.64	93.89	84	32.71172	6.461636	60.82664	27.44961	33.37703	33.0468	10
1702.25	1702.907	1034.907	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1702.305	1702.961	1034.961	113.46	62.66	113.24	112.58	22.15808	28.7986	49.04332	28.75717	20.28614	30.00737	10
1702.31	1702.966	1034.966	111.49	71.18	111.23	110.49	22.21864	25.84036	51.941	32.36671	19.57429	30.40603	10
1702.315	1702.971	1034.971	109.22	54.67	108.8	108.05	29.54246	19.91137	50.54617	21.7976	28.74857	31.06606	10
1702.32	1702.976	1034.976	107.68	74	107.39	105.2	25.2739	20.6984	54.0277	29.71301	24.31469	31.20452	10
1702.325	1702.981	1034.981	109.02	74.29	108.66	107.37	24.51342	21.62398	53.8626	34.66885	19.19375	30.94177	10
1702.33	1702.986	1034.986	110.23	78.76	110.28	108.94	19.14098	28.08277	52.77625	26.72053	26.05572	30.42607	10
1702.335	1702.991	1034.991	111.63	71.58	111.45	109.51	21.37304	27.03546	51.5915	28.28492	23.30658	30.52022	10
1702.34	1702.996	1034.996	111.97	82.96	111.61	109.88	19.70128	26.12046	54.17826	34.47132	19.70694	30.62575	10
1702.345	1703.001	1035.001	113.55	91.03	113.43	112.98	14.43474	32.1904	53.37486	41.42538	11.94948	29.98564	10
1702.35	1703.006	1035.006	114.47	80.17	114.13	115.08	17.92146	30.00563	52.07291	41.52072	10.55219	29.70282	10
1702.355	1703.011	1035.011	112.86	63.69	112.52	110.66	23.39082	26.37223	50.23695	33.32903	16.90793	30.49208	10
1702.36	1703.016	1035.016	110.29	54.15	110.16	109.74	26.4364	24.46696	49.09664	16.83498	32.26166	30.48617	10
1702.365	1703.021	1035.021	105.17	56.94	105.09	105	30.08412	18.58667	51.32921	29.41088	21.91833	31.10678	10
1702.37	1703.026	1035.026	100.74	50.69	100.66	100.62	35.67222	13.64608	50.6817	35.24602	15.43568	31.7316	10
1702.375	1703.031	1035.031	101.36	63.64	100.81	101.2	35.61042	11.72048	52.6691	19.71169	32.95741	31.73155	10
1702.38	1703.036	1035.036	103.94	83.28	104.07	103.43	23.21394	20.75229	56.03377	41.16182	14.87195	30.94924	10
1702.385	1703.041	1035.041	106.73	61.93	106.86	106.39	25.81384	22.77383	51.41233	26.00828	25.40405	30.72687	10
1702.39	1703.046	1035.046	107.47	57.19	107.55	107.98	26.66762	22.95883	50.37355	27.30172	23.07183	30.53833	10
1702.395	1703.051	1035.051	108.38	60.1	107.89	107.88	29.5437	18.57296	51.88334	26.926	24.95735	31.0573	10
1702.4	1703.056	1035.056	112.21	57.11	111.74	112.02	26.58868	23.36843	50.04289	32.11969	17.92319	30.42276	10
1702.405	1703.061	1035.061	110.43	37.02	110.44	111.04	29.36806	25.11483	45.51711	29.34172	16.1754	30.27925	10
1702.41	1703.066	1035.066	110.5	51.87	110.41	111.41	26.48496	25.07528	48.43976	31.63647	16.8033	30.15728	10
1702.415	1703.071	1035.071	109.7	61.47	109.71	108.92	24.12276	25.66787	50.20937	33.11672	17.09265	30.45221	10
1702.42	1703.076	1035.076	108.74	64.84	108.85	109.11	23.41542	25.56964	51.01494	27.15784	23.8571	30.30128	10
1702.425	1703.081	1035.081	113.92	89.08	114.8	116.77	6.81624	46.62127	46.56249	42.55368	4.008814	-9999	10
1702.43	1703.085	1035.085	118.14	66.48	118.33	119.08	13.75054	44.55594	41.69352	20.25053	21.44299	28.04761	10
1702.435	1703.09	1035.09	117.53	66.49	117.53	117.56	15.78182	39.98829	44.22989	32.46889	11.761	28.63862	10
1702.44	1703.095	1035.095	116.66	67.21	116.83	118.18	15.09048	40.86034	44.04918	35.55728	8.491897	28.40146	10
1702.445	1703.1	1035.1	117.16	65.33	117.43	118.08	14.31044	43.47988	42.20968	36.37752	5.832157	28.23209	10
1702.45	1703.105	1035.105	115.64	68.31	115.98	118.17	14.44518	41.2946	44.26022	25.22411	19.03611	28.31703	10
1702.455	1703.11	1035.11	118.25	68.03	118.47	119.32	13.04174	45.43989	41.51837	19.402	22.11637	27.97132	10
1702.46	1703.115	1035.115	116.94	67.87	116.8	116.18	17.07566	36.60005	46.32429	23.06207	23.26222	29.12908	10
1702.465	1703.12	1035.12	111.58	60.77	111.58	111.15	22.64006	28.40839	48.95155	22.77909	26.17246	30.06657	10
1702.47	1703.125	1035.125	108.64	57.32	108.4	108.15	28.03976	21.25576	50.70448	18.54935	32.15513	30.81718	10
1702.475	1703.13	1035.13	106.23	45.24	106.22	106.29	31.39782	19.68449	48.91769	34.75667	14.16102	31.03918	10
1702.48	1703.135	1035.135	106.32	40.89	106.27	105.9	32.67772	19.12876	48.19352	32.48041	15.71311	31.22934	10
1702.485	1703.14	1035.14	105.51	39.93	105.3	106.4	34.89524	16.67038	48.43438	25.33302	23.10135	31.29569	10
1702.49	1703.145	1035.145	105.49	42.61	105.58	106.8	31.94008	19.51047	48.54945	20.62083	27.92862	30.87699	10
1702.495	1703.15	1035.15	103.34	38.5	103.3	101.3	35.9202	15.67438	48.40542	30.84184	17.56358	32.01989	10
1702.5	1703.155	1035.155	104.22	32.08	104.08	104	37.43924	15.3516	47.20916	25.09227	22.11689	31.81801	10
1702.505	1703.16	1035.16	105.8	39.1	105.64	104.43	34.4418	17.38632	48.17188	30.01708	18.15479	31.63485	10
1702.51	1703.165	1035.165	108.47	73.08	108.33	106.92	23.60724	23.13527	53.25749	37.79982	15.45767	30.83772	10
1702.515	1703.17	1035.17	109.41	101.28	108.94	108.04	18.47554	22.75549	58.76897	36.86053	21.90844	30.90766	10
1702.52	1703.175	1035.175	114.71	110.98	114.85	114.23	6.52464	39.26752	54.20784	42.85742	11.35042	-9999	10
1702.525	1703.18	1035.18	117.85	90.17	117.91	117.68	9.29186	43.28759	47.42055	27.99008	19.43048	28.86653	10
1702.53	1703.185	1035.185	117.6	94.84	117.49	115.33	9.70922	40.25281	50.03797	39.86978	10.16819	29.57168	10
1702.535	1703.19	1035.19	117.24	92.77	117.41	119.92	8.37136	43.88985	47.73879	44.22191	3.516877	28.44261	10
1702.54	1703.195	1035.195	118.27	90.04	117.7	118.84	13.81942	33.67393	52.50665	30.83264	21.67401	29.32722	10
1702.545	1703.2	1035.2	119.93	81.29	119.81	120.24	10.92222	44.32573	44.75205	34.56976	10.18229	28.25986	10
1702.55	1703.205	1035.205	119.52	91.79	119.25	121.91	9.92092	41.39863	48.68045	37.58692	11.09352	28.37122	10
1702.555	1703.209	1035.209	122.67	128.96	123.4	126.55	0	72.68623	27.31377	27.31377	0	-9999	10
1702.56	1703.214	1035.214	122.45	122.59	122.97	127.02	0	66.93384	33.06616	33.06616	0	-9999	10
1702.565	1703.219	1035.219	121.47	99.78	121.74	119.5	2.00834	57.12477	40.86689	40.86689	0	-9999	10
1702.57	1703.224	1035.224	122.69	94.91	123.04	122.82	1.44448	62.18982	36.3657	36.3657	0	-9999	10
1702.575	1703.229	1035.229	123.67	89.77	123.91	124.53	2.63926	62.56255	34.79819	34.79819	0	-9999	10
1702.58	1703.234	1035.234	122.55	117.44	122.52	126.95	0	55.20787	44.79213	44.79213	0	-9999	10
1702.585	1703.239	1035.239	122.9	124.5	123.01	123.61	0	59.66331	40.33669	40.33669	0	-9999	10
1702.59	1703.244	1035.244	118.72	92.97	118.16	115.51	12.61886	34.85055	52.53059	29.12878	23.40181	29.96017	10
1702.595	1703.249	1035.249	120.75	109	120.35	124.17	5.632	42.84295	51.52505	51.52505	0	-9999	10
1702.6	1703.254	1035.254	121.86	90.63	122	125.26	4.87134	54.98782	40.14084	40.14084	0	-9999	10
1702.605	1703.259	1035.259	122.78	77.29	122.52	123.89	10.35322	48.27835	41.36843	32.53875	8.829684	27.35086	10
1702.61	1703.264	1035.264	122.45	86.52	122.34	122.11	7.26066	51.17646	41.56288	41.56288	0	-9999	10
1702.615	1703.269	1035.269	122.72	101.34	122.97	126.57	0.63582	60.56602	38.79816	38.79816	0	-9999	10
1702.62	1703.274	1035.274	122.06	97.88	121.92	121.04	5.10284	50.30132	44.59584	44.59584	0	-9999	10
1702.625	1703.279	1035.279	123.04	78.2	123.14	122.87	7.1038	56.73762	36.15858	36.15858	0	-9999	10

1702.63	1703.284	1035.284	123.24	67.48	123.34	122.96	9.51404	56.6116	33.87436	19.2402	14.63417	26.58284	10
1702.635	1703.289	1035.289	120.84	43.12	120.31	122.18	22.49966	36.13935	41.36099	14.36778	26.99321	28.19947	10
1702.64	1703.294	1035.294	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1703	1703.651	1035.651	110.18	115.4015	109.2605	111.2865	17.83309	19.72759	62.43932	33.19619	29.24313	30.67831	10
1703.005	1703.656	1035.656	121.06	98.83458	123.6847	125.0294	0	100	0	0	0	-9999	10
1703.01	1703.661	1035.661	87.13	141.6081	88.6564	89.88663	13.74166	16.75013	69.50821	55.39418	14.11403	31.02151	10
1703.015	1703.666	1035.666	76.45	111.06	77.48	77.15	34.80698	7.292242	57.90078	28.6564	29.24438	30.63559	10
1703.02	1703.671	1035.671	76.23	167.81	77.22	75.12	21.58588	10.95026	67.46386	50.23004	17.23382	30.28687	10
1703.025	1703.676	1035.676	78.76	215.43	78.82	76.69	14.94174	12.9436	72.11466	44.33801	27.77666	30.15241	10
1703.03	1703.681	1035.681	83.43	174.59	83.96	86.71	16.88612	13.28974	69.82414	41.61921	28.20493	29.9437	10
1703.035	1703.686	1035.686	81.38	117.95	81.71	83.24	34.029	7.99186	57.97914	33.95534	24.0238	30.35005	10
1703.04	1703.691	1035.691	77.41	108.56	77.54	77.94	41.50378	5.466844	53.02938	27.69474	25.33464	30.82018	10
1703.045	1703.696	1035.696	73.75	98.69	74.25	74.44	44.39202	4.463138	51.14484	28.9913	22.15354	31.05799	10
1703.05	1703.701	1035.701	78.57	93.95	78.89	79.06	42.4997	5.295573	52.20473	24.28312	27.92161	31.26399	10
1703.055	1703.705	1035.705	82.55	68.25	83	83.14	44.05	5.46924	50.48076	34.42329	16.05747	32.00894	10
1703.06	1703.71	1035.71	82.07	72.86	82.53	83.06	43.29848	5.598683	51.10284	21.34318	29.75966	31.77919	10
1703.065	1703.715	1035.715	82.59	69.93	82.78	82.55	45.62164	4.846755	49.53161	28.08243	21.44918	32.20045	10
1703.07	1703.72	1035.72	82.72	73.3	82.87	83.45	44.9965	5.011398	49.9921	31.79143	18.20067	31.94074	10
1703.075	1703.725	1035.725	84.07	72.36	84.53	83.03	41.57948	6.477883	51.94264	21.56063	30.38201	32.09494	10
1703.08	1703.73	1035.73	85.01	71.82	85.62	86.21	39.68286	7.399107	52.91803	29.76507	23.15296	31.60682	10
1703.085	1703.735	1035.735	84.18	86.17	85.23	86.92	33.56376	9.355402	57.08084	35.48463	21.59621	30.89524	10
1703.09	1703.74	1035.74	83.27	78.58	83.93	84.26	39.26024	7.128565	53.61119	30.47207	23.13912	31.47788	10
1703.095	1703.745	1035.745	83.26	71.71	83.95	84.47	40.69948	6.751458	52.54906	20.78221	31.76685	31.64097	10
1703.1	1703.75	1035.75	83.41	82.84	84.1	84.39	37.86802	7.577346	54.55463	32.69402	21.86061	31.34737	10
1703.105	1703.755	1035.755	84.23	85.81	84.22	84.89	41.81988	5.991053	52.18907	31.43531	20.75375	31.51772	10
1703.11	1703.76	1035.76	84.12	96.06	84.49	85.78	36.49558	7.818697	55.68572	37.91017	17.77555	30.92285	10
1703.115	1703.765	1035.765	83.02	84.79	82.65	85.27	45.96992	4.401552	49.62853	17.03091	32.59762	31.48768	10
1703.12	1703.77	1035.77	82.18	88.65	82.05	82.85	43.9486	5.049815	51.00158	30.97023	20.03135	31.52645	10
1703.125	1703.775	1035.775	81.95	93.62	82.01	84.21	41.48496	5.828495	52.68654	30.12412	22.56243	30.98249	10
1703.13	1703.78	1035.78	81.46	97.57	81.63	81.37	40.12736	6.211635	53.66101	24.12617	29.53483	31.26081	10
1703.135	1703.785	1035.785	81.01	82.37	81.1	82.94	44.83976	4.803729	50.35651	33.16809	17.18843	31.46314	10
1703.14	1703.79	1035.79	82.52	69.8	82.73	82.23	45.5625	4.86701	49.57049	27.11431	22.45618	32.24292	10
1703.145	1703.795	1035.795	82.92	59.9	83.04	83.88	48.2878	4.10035	47.61185	27.5496	20.06225	32.4696	10
1703.15	1703.8	1035.8	84.31	64.87	84.81	85.72	42.86126	6.215494	50.92325	34.99502	15.92822	31.8734	10
1703.155	1703.805	1035.805	84.98	62.57	85.35	86.68	43.80896	5.968267	50.22277	28.58016	21.64261	31.93782	10
1703.16	1703.81	1035.81	85.87	66.03	86.13	87.86	43.00534	6.269685	50.72498	35.79894	14.92604	31.77047	10
1703.165	1703.815	1035.815	85.11	70.8	85.31	85.77	43.0152	6.029394	50.95541	34.04463	16.91077	31.91253	10
1703.17	1703.82	1035.82	82.92	65.23	82.96	82.27	47.61794	4.227195	48.15486	31.84005	16.31482	32.58827	10
1703.175	1703.825	1035.825	83.55	52.83	83.78	83.62	48.56664	4.213065	47.2203	17.87924	29.34105	32.8253	10
1703.18	1703.829	1035.829	84.16	49.13	84.52	84.11	47.89334	4.638187	47.46847	28.15468	19.3138	32.86833	10
1703.185	1703.834	1035.834	84	36.89	84.23	85.23	52.01012	3.333879	44.656	16.655	28.001	33.33959	10
1703.19	1703.839	1035.839	83.5	43.51	83.86	83.9	49.86058	3.956235	46.18319	14.16678	32.01641	33.09532	10
1703.195	1703.844	1035.844	83.42	48.51	83.68	84.91	49.49918	3.955743	46.54508	29.90481	16.64027	32.74795	10
1703.2	1703.849	1035.849	83.44	51.72	83.41	84.29	50.95146	3.312967	45.73557	33.3642	12.37137	32.95746	10
1703.205	1703.854	1035.854	82.45	62.35	82.78	84.41	46.4998	4.680178	48.82002	33.49416	15.32587	32.06334	10
1703.21	1703.859	1035.859	82.24	61.92	82.7	83.78	45.78956	4.934333	49.27611	27.44726	21.82884	32.09044	10
1703.215	1703.864	1035.864	82.15	62.01	82.27	81.92	48.48558	3.938472	47.57595	23.77597	23.79998	32.64368	10
1703.22	1703.869	1035.869	81.55	62.31	81.63	81.67	49.27498	3.620729	47.10429	27.43686	19.66743	32.63352	10
1703.225	1703.874	1035.874	82.25	68.67	82.35	82.96	46.93686	4.370485	48.69266	27.62412	21.06854	32.18598	10
1703.23	1703.879	1035.879	82.2	61.64	82.55	83.61	46.74662	4.583926	48.66945	34.01252	14.65693	32.19623	10
1703.235	1703.884	1035.884	82.74	65.24	83.19	82.47	44.60362	5.350659	50.04572	17.21787	32.82786	32.27215	10
1703.24	1703.889	1035.889	83.09	75.35	83.7	84.39	40.595	6.671562	52.73344	22.45132	30.28212	31.53972	10
1703.245	1703.894	1035.894	81.64	64.21	82.04	82.27	46.25238	4.663407	49.08421	18.68194	30.40228	32.23285	10
1703.25	1703.899	1035.899	81.86	70.58	82.29	81.51	44.27594	5.269748	50.45431	17.48756	32.96675	32.1331	10
1703.255	1703.904	1035.904	82.12	77.18	82.81	84.05	40.42454	6.571553	53.00391	18.83975	34.16416	31.36621	10
1703.26	1703.909	1035.909	81.22	90.58	81.96	83.62	37.62224	7.202138	55.17562	36.5213	18.65432	30.88806	10
1703.265	1703.914	1035.914	81.5	88.59	82.27	83.62	37.61372	7.280094	55.10619	32.56084	22.54534	30.98744	10
1703.27	1703.919	1035.919	81.22	79.83	81.65	81.83	42.62624	5.626253	51.74751	36.28956	15.45795	31.63887	10
1703.275	1703.924	1035.924	80.63	84.36	80.88	80.57	43.46778	5.219056	51.31316	32.27266	19.0405	31.69092	10
1703.28	1703.929	1035.929	81.7	78.92	82.15	82.15	42.24986	5.820706	51.92943	32.8398	19.08963	31.67798	10
1703.285	1703.934	1035.934	87.83	90.42682	88.37593	87.58979	33.08211	10.00834	56.90955	22.66705	34.2425	31.35612	11
1703.29	1703.939	1035.939	93.16	97.67378	93.87409	94.72867	25.12152	14.97277	59.90571	36.64811	23.25761	30.89751	11
1703.295	1703.944	1035.944	89.41	102.9872	90.15796	89.85878	27.02321	12.67187	60.30491	35.7337	24.57122	31.0584	11
1703.3	1703.949	1035.949	87.93	104.2722	88.61544	88.71825	28.5584	11.53854	59.90306	25.39298	34.51008	30.95283	11
1703.305	1703.953	1035.953	85.94	105.7301	86.78843	87.61423	28.7732	11.02427	60.20254	34.33248	25.87006	30.76558	11
1703.31	1703.958	1035.958	87.35	94.42739	87.79433	89.03616	33.34304	9.619126	57.03783	27.37145	29.66638	30.93235	11
1703.315	1703.963	1035.963	86.15	84.84405	86.80686	88.64152	35.11911	9.061958	55.81893	29.48875	26.33018	30.97836	11
1703.32	1703.968	1035.968	85.78	94.50826	86.41298	87.47548	33.30581	9.42402	57.27017	32.37693	24.89323	30.92308	11
1703.325	1703.973	1035.973	84.15	96.36954	85.10281	87.53528	31.87629	9.711459	58.41225	31.76678	26.64547	30.57722	11
1703.33	1703.978	1035.978	86.49	95.27147	86.88706	88.96309	34.29632	9.035444	56.66823	27.81548	28.85275	30.77713	11
1703.335	1703.983	1035.983	90.3	89.25588	90.66915	89.09727	32.46313	10.73553	56.80134	25.49419	31.30715	31.54178	11
1703.34	1703.988	1035.988	122.09	106.6238	122.4151	122.4476	0	60.57476	39.42524	39.42524	0	-9999	11
1703.345	1703.993	1035.993	122.84	112.5924	122.6119	121.6667	1.507957	51.4863	47.00575	47.00575	0	-9999	11

1703.35	1703.998	1035.998	85.55	63.93777	85.71936	84.89514	44.50851	5.669678	49.82181	25.67116	24.15065	32.40427	11
1703.355	1704.003	1036.003	85.48	74.49186	85.98787	88.65136	39.39538	7.484184	53.12043	30.83	22.29043	31.17862	11
1703.36	1704.008	1036.008	86.79	68.08907	87.13084	86.99451	41.03411	7.159399	51.80649	25.68936	26.11712	31.94212	11
1703.365	1704.013	1036.013	86.14	86.10288	86.77413	87.61209	34.99978	9.061313	55.9389	36.10321	19.83569	31.14062	11
1703.37	1704.018	1036.018	85.25	85.4302	86.01649	87.60584	34.95556	8.972936	56.07151	21.93408	34.13742	30.98796	11
1703.375	1704.023	1036.023	82.09	98.7708	83.38703	86.15847	30.52266	9.789814	59.68753	28.28544	31.40208	30.42826	11
1703.38	1704.028	1036.028	85.67	73.56548	86.77702	89.34125	34.80133	9.597333	55.60134	38.75609	16.84525	30.96629	11
1703.385	1704.033	1036.033	87.09	79.81497	88.2732	90.71922	31.39221	11.23677	57.37101	23.98137	33.38965	30.8213	11
1703.39	1704.038	1036.038	91.28	88.5911	92.40591	95.5631	25.85755	14.78956	59.35289	33.7414	25.6115	30.53771	11
1703.395	1704.043	1036.043	92.4	93.37361	93.35667	94.5	24.98142	15.25	59.76858	42.85611	16.91246	30.8687	11
1703.4	1704.048	1036.048	95.23	103.7026	95.80887	97.69906	22.80614	16.41631	60.77755	34.28714	26.49041	30.6698	11
1703.405	1704.053	1036.053	93.79	111.9288	94.45917	96.02058	21.44034	16.22694	62.33272	32.64203	29.69069	30.71937	11
1703.41	1704.058	1036.058	95.71	102.0963	96.23087	96.3019	23.20276	16.40322	60.39402	34.05444	26.33958	31.00812	11
1703.415	1704.063	1036.063	98.09	96.69949	98.8312	98.71166	20.61159	19.65988	59.72853	32.56338	27.16515	30.99215	11
1703.42	1704.068	1036.068	99.39	91.68297	100.2674	101.6737	19.57384	21.6778	58.74836	39.38749	19.36088	30.64251	11
1703.425	1704.073	1036.073	98.45	106.3323	99.64725	102.2812	14.41489	23.71174	61.87337	38.53617	23.3372	30.57976	11
1703.43	1704.077	1036.077	101.47	92.97427	102.2941	103.4817	17.76126	23.93119	58.30755	44.85478	13.45277	30.58166	11
1703.435	1704.082	1036.082	102.71	91.30492	103.3309	104.7311	18.59876	23.81658	57.58466	29.85006	27.7346	30.48482	11
1703.44	1704.087	1036.087	102.3	93.3915	102.762	103.8318	19.70306	22.18859	58.10834	33.39644	24.71191	30.61518	11
1703.445	1704.092	1036.092	102.54	95.30874	103.4039	105.0466	15.90303	25.82028	58.27669	45.97255	12.30414	30.44366	11
1703.45	1704.097	1036.097	102.75	84.6191	103.5902	105.4168	18.4805	25.19439	56.32511	36.02977	20.29534	30.3243	11
1703.455	1704.102	1036.102	102.14	93.94869	102.869	103.0512	17.64615	24.12136	58.23249	29.67943	28.55306	30.74264	11
1703.46	1704.107	1036.107	103.82	92.28067	104.6759	105.6541	15.5205	27.35678	57.12272	39.82659	17.29613	30.44311	11
1703.465	1704.112	1036.112	102.85	101.8579	103.386	104.3483	16.57443	24.02228	59.40329	37.61732	21.78597	30.63566	11
1703.47	1704.117	1036.117	107.33	94.98724	107.8873	107.974	13.95065	30.08703	55.96231	34.74838	21.21394	30.36857	11
1703.475	1704.122	1036.122	104.83	98.97538	105.726	106.9288	12.66049	29.68066	57.65885	42.88065	14.7782	30.39263	11
1703.48	1704.127	1036.127	109.88	92.87203	110.3423	112.7913	12.85246	33.16413	53.98341	45.79771	8.185697	29.62566	11
1703.485	1704.132	1036.132	112.69	97.87853	113.6991	115.9191	4.818158	46.05461	49.12724	49.12724	0	-9999	11
1703.49	1704.137	1036.137	109.69	80.69716	110.8262	112.3495	10.7507	39.76925	49.48005	37.00516	12.4749	29.33383	11
1703.495	1704.142	1036.142	103.93	73.54232	105.0921	105.8139	17.58075	28.92299	53.49626	36.91642	16.57984	30.26547	11
1703.5	1704.147	1036.147	99.45	62.54442	100.4838	101.3493	25.35823	20.86863	53.77314	26.45967	27.31347	30.75743	11
1703.505	1704.152	1036.152	95.88	79.67511	97.11196	98.14255	22.9613	19.15837	57.88033	31.89255	25.98778	30.84575	11
1703.51	1704.157	1036.157	96.81	78.79628	98.08256	100.9964	22.00373	20.38678	57.60949	27.21895	30.39053	30.45146	11
1703.515	1704.162	1036.162	88.49	80.75894	89.40677	90.88015	31.94058	11.22888	56.83054	24.48753	32.34301	31.01456	10
1703.52	1704.167	1036.167	81.96	74.92	82.53	82.55	42.04866	6.002102	51.94924	33.02727	18.92197	31.73315	10
1703.525	1704.172	1036.172	83.09	81.83	83.98	84.68	36.85684	7.959193	55.18397	39.09856	16.08541	31.22682	10
1703.53	1704.177	1036.177	83.33	78.88	84	85.33	39.05494	7.208934	53.73613	36.4538	17.28232	31.27456	10
1703.535	1704.182	1036.182	81.72	88.97	82.84	84.62	34.60686	8.410765	56.98238	24.52138	32.461	30.80419	10
1703.54	1704.187	1036.187	79.68	91.95	80.35	80.53	39.25	6.442267	54.30773	33.32767	20.98006	31.15371	10
1703.545	1704.192	1036.192	81.89	85.82	82.19	82.84	41.56776	5.946545	52.4857	28.41724	24.06846	31.39878	10
1703.55	1704.197	1036.197	80.1	65.93	80.2	78	49.57794	3.39713	47.02493	17.14988	29.87505	32.94818	10
1703.555	1704.201	1036.201	78.3	48.41	78.16	78.11	57.33378	1.064729	41.60149	21.15525	20.44624	33.89631	10
1703.56	1704.206	1036.206	77.55	47.63	77.47	76.51	57.74754	0.931013	41.32145	17.2318	24.08964	34.1077	10
1703.565	1704.211	1036.211	76.61	48.28	76.35	75.89	59.85004	0.334914	39.81505	25.82157	13.99347	34.31491	10
1703.57	1704.216	1036.216	77.21	46.62	76.98	76.09	59.46726	0.442048	40.09069	15.82744	24.26325	34.39413	10
1703.575	1704.221	1036.221	77.46	51.78	77.19	77.45	58.29854	0.769764	40.9317	18.05706	22.87463	33.88833	10
1703.58	1704.226	1036.226	77.1	56.22	76.81	76.16	57.71026	0.932617	41.35712	10.9384	30.41872	33.84685	10
1703.585	1704.231	1036.231	75.81	40.93	75.7	74.61	61.20224	0	38.79776	12.6997	26.09806	34.70408	10
1703.59	1704.236	1036.236	76.52	40.61	76.29	75.68	61.55648	0	38.44352	18.64726	19.79626	34.61234	10
1703.595	1704.241	1036.241	75.12	42.71	74.72	74.63	63.65378	0	36.34622	23.74645	12.59977	34.06234	10
1703.6	1704.246	1036.246	105.67	64.54021	105.2617	104.1916	30.32934	16.7418	52.92886	34.12719	18.80168	31.42165	10
1703.605	1704.251	1036.251	127.36	69.55592	126.3667	124.0986	13.69449	41.88095	44.42457	28.04677	16.3778	28.02879	10
1703.61	1704.256	1036.256	131.34	70.78155	131.1722	128.6712	3.338876	78.09165	18.56948	18.27562	0.293854	-9999	10
1703.615	1704.261	1036.261	112.62	67.84951	113.3413	113.7231	14.38003	40.01412	45.60585	37.25701	8.348839	28.99986	10
1703.62	1704.266	1036.266	85.8	57.65596	86.06998	85.40043	45.0189	5.704027	49.27707	35.57742	13.69965	32.52152	11
1703.625	1704.271	1036.271	92.03	77.64268	92.72887	92.09989	31.1266	12.64876	56.22464	23.68492	32.53971	31.42106	11
1703.63	1704.276	1036.276	90.95	74.11852	91.61065	91.9236	33.26925	11.4296	55.30115	31.93361	23.36754	31.36281	11
1703.635	1704.281	1036.281	89.17	84.68887	89.56079	90.77915	34.44024	9.816432	55.74333	28.00899	27.73434	31.13032	11
1703.64	1704.286	1036.286	87.49	73.16519	88.42475	88.69833	34.55894	10.11298	55.32808	23.527	31.80108	31.40437	11
1703.645	1704.291	1036.291	87.37	64.05871	87.70039	87.70039	41.5569	7.15965	51.28345	20.5102	30.77325	32.02635	11
1703.65	1704.296	1036.296	87.62	85.81675	88.25881	88.544	33.67115	9.923754	56.4051	40.78902	15.61607	31.22431	11
1703.655	1704.301	1036.301	89.73	96.48746	90.06417	90.70946	31.50863	10.72137	57.77	29.34628	28.42372	31.0172	11
1703.66	1704.306	1036.306	92.36	111.6296	92.65161	93.72475	25.75443	13.25825	60.98732	33.70634	27.28098	30.77088	11
1703.665	1704.311	1036.311	93.18	101.4747	93.66001	96.11858	25.99745	14.07748	59.92507	25.1068	34.81827	30.58616	11
1703.67	1704.316	1036.316	96.86	79.68186	97.44285	98.7275	27.08871	16.29765	56.61364	26.68557	29.92807	30.87956	11
1703.675	1704.321	1036.321	94.35	71.95941	95.00897	97.82135	30.67683	13.94823	55.37495	38.71536	16.65959	30.79218	11
1703.68	1704.325	1036.325	90.35	72.55986	90.53493	89.58716	37.8853	8.854946	53.25975	37.57729	15.68246	31.88959	11
1703.685	1704.33	1036.33	89.66	52.43405	89.69456	88.9688	44.55592	6.476779	48.9673	35.05345	13.91385	32.66926	11
1703.69	1704.335	1036.335	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1704.01	1704.653	1036.653	65.98	14.72	65.67	65.3	78.13866	0	21.86134	12.82771	9.03363	32.97612	11
1704.015	1704.658	1036.658	59.86	14.48	59.66	59.34	82.97464	0	17.02536	15.5158	1.509555	33.05141	11
1704.02	1704.663	1036.663	65.34	33.4	65.89	65.9	67.5419	0	32.4581	11.70868	20.74942	32.81245	11
1704.025	1704.668	1036.668	67.81	29.2853	67.52623	66.82695	72.72695	0	27.27305	19.40406	7.868995	33.14243	11

1704.03	1704.673	1036.673	69.49	43.42863	68.40278	65.81806	73.98546	0	26.01454	15.56926	10.44529	33.71013	11
1704.035	1704.678	1036.678	77.04	72.9017	75.3596	71.91262	64.50411	0	35.49589	24.63085	10.86504	34.15495	11
1704.04	1704.683	1036.683	74.31	110.146	72.90113	69.87153	55.89822	1.881443	42.22034	20.88351	21.33682	32.66639	11
1704.045	1704.688	1036.688	76.16	119.0148	75.67784	73.11703	44.86796	4.545536	50.5865	22.30156	28.28494	31.29778	11
1704.05	1704.693	1036.693	90.95	145.7389	91.22813	92.12048	18.90164	14.56722	66.53114	36.85171	29.67943	30.68334	11
1704.055	1704.697	1036.697	91.47	138.8018	90.07582	88.20529	33.06247	7.200151	59.73738	40.71845	19.01893	31.21475	11
1704.06	1704.702	1036.702	91.16	144.1214	90.67276	89.8839	25.03151	11.25848	63.71001	30.45499	33.25502	30.82603	11
1704.065	1704.707	1036.707	98.55	137.2237	96.50187	92.32175	31.99892	5.768584	62.2325	26.30622	35.92628	32.20067	11
1704.07	1704.712	1036.712	98.46	162.0252	96.20894	94.47275	27.65243	6.272958	66.07462	36.36333	29.71129	31.47626	11
1704.075	1704.717	1036.717	95.22	177.5777	91.90071	83.89188	35.14831	1.838085	63.01361	36.58307	26.43054	32.52758	11
1704.08	1704.722	1036.722	85.53	229.423	81.52219	75.59515	36.85253	4.268296	58.87917	21.83548	37.04369	30.23968	11
1704.085	1704.727	1036.727	83.99	254.1995	80.37235	78.53552	29.24973	7.165646	63.58462	39.54336	24.04126	28.79514	11
1704.09	1704.732	1036.732	91.3	232.4209	87.94517	85.12434	25.75803	5.789797	68.45217	31.2652	37.18698	30.29084	12
1704.095	1704.737	1036.737	90.6	228.134	89.01479	86.23778	13.72495	12.22691	74.04814	51.12822	22.91991	30.94298	12
1704.1	1704.742	1036.742	87.47	267.2351	83.5599	84.62007	25.16	6.784691	68.0553	36.17802	31.87729	28.60177	12
1704.105	1704.747	1036.747	89.34	188.5527	87.99421	88.35078	22.60735	10.14989	67.24276	43.24573	23.99703	30.10894	12
1704.11	1704.752	1036.752	92.88	195.5104	91.66405	88.99831	16.6605	12.25066	71.08884	48.69622	22.39263	31.15655	12
1704.115	1704.757	1036.757	86.15	182.777	83.47763	79.72951	37.22084	4.870595	57.90856	22.52356	35.385	30.69184	12
1704.12	1704.762	1036.762	82.67	121.3892	81.78024	80.51233	41.46306	5.313673	53.22326	30.51306	22.71021	31.18374	12
1704.125	1704.767	1036.767	81.73	116.4371	80.25828	80.21402	48.03641	3.245272	48.71832	21.54589	27.17243	31.55909	12
1704.13	1704.772	1036.772	77.46	97.30701	77.29802	78.55068	46.44387	4.078689	49.47744	34.92615	14.55129	31.24276	12
1704.135	1704.777	1036.777	79.7	80.74767	79.94069	79.36085	45.26975	4.610056	50.1202	26.73489	23.38531	31.90738	12
1704.14	1704.782	1036.782	77.76	76.86091	77.50037	76.89456	51.87261	2.565364	45.56202	20.66991	24.89212	32.6008	12
1704.145	1704.787	1036.787	74.86	64.61463	74.66868	74.90252	56.9748	1.14384	41.88136	18.20306	23.6783	33.25356	12
1704.15	1704.792	1036.792	73.17	66.21478	72.9492	72.74942	58.37085	0.812373	40.81678	13.82007	26.9967	33.4197	12
1704.155	1704.797	1036.797	69.83	77.92224	69.66548	69.19247	58.17428	1.018699	40.80702	19.89469	20.91234	32.96311	12
1704.16	1704.802	1036.802	89.37	101.9652	89.29082	88.76294	33.71768	9.207806	57.07451	33.5109	23.56361	31.24477	12
1704.165	1704.807	1036.807	122.09	195.0376	121.17	119.4923	0	41.32073	58.67927	58.67927	0	-9999	12
1704.17	1704.812	1036.812	118.11	176.9437	118.1663	116.7412	0	49.67293	50.32707	50.32707	0	-9999	12
1704.175	1704.817	1036.817	117.49	122.0771	117.6768	115.8089	0.918936	46.71868	52.36239	52.36239	0	-9999	12
1704.18	1704.821	1036.821	112.56	128.5631	112.2137	108.8596	8.016653	30.2239	61.75945	44.72564	17.03381	31.4	12
1704.185	1704.826	1036.826	112.15	115.5824	112.7503	113.3324	4.198599	40.66358	55.13782	55.13782	0	-9999	12
1704.19	1704.831	1036.831	106.39	109.7833	107.4671	110.1159	7.205783	34.70953	58.08468	54.52073	3.563953	-9999	12
1704.195	1704.836	1036.836	106.93	82.333	107.5321	109.7458	17.03336	29.05045	53.91619	34.63944	19.27675	29.87702	12
1704.2	1704.841	1036.841	112.8	147.0651	114.3335	121.7086	0	56.85549	43.14451	43.14451	0	-9999	12
1704.205	1704.846	1036.846	111.64	139.7364	113.1825	115.1787	0	53.38457	46.61543	46.61543	0	-9999	12
1704.21	1704.851	1036.851	101.19	99.08123	101.7394	105.3619	18.6698	21.93142	59.39878	32.81682	26.58196	30.20037	12
1704.215	1704.856	1036.856	101.41	124.6156	102.7681	104.7966	6.020612	30.11267	63.86671	63.86671	0	-9999	12
1704.22	1704.861	1036.861	114.98	136.3598	115.4788	118.453	0	46.77361	53.22639	53.22639	0	-9999	12
1704.225	1704.866	1036.866	127.1	145.3073	128.0374	129.8732	0	97.34855	2.651448	2.651448	0	-9999	12
1704.23	1704.871	1036.871	125.9	128.1717	126.6769	127.3567	0	86.46116	13.53884	13.53884	0	-9999	12
1704.235	1704.876	1036.876	126.62	130.5001	127.263	127.1656	0	86.18712	13.81288	13.81288	0	-9999	12
1704.24	1704.881	1036.881	122.56	147.4676	122.8278	123.1148	0	63.56834	36.43166	36.43166	0	-9999	12
1704.245	1704.886	1036.886	119.57	155.8628	121.0792	124.0034	0	79.10349	20.89651	20.89651	0	-9999	12
1704.25	1704.891	1036.891	121.21	171.3988	121.248	123.0923	0	56.60614	43.39386	43.39386	0	-9999	12
1704.255	1704.896	1036.896	82.31	96.07931	82.65563	84.84458	38.34501	6.942513	54.71248	26.57546	28.13702	30.76372	12
1704.26	1704.901	1036.901	64.38	75.94	64.43	64.08	62.00542	0.233783	37.7608	20.16838	17.59242	33.27055	12
1704.265	1704.906	1036.906	62.81	76.68	63.1	64.3	61.41074	0.305912	38.28335	22.51429	15.76906	32.76243	12
1704.27	1704.911	1036.911	62.93	72.7	63.26	64	61.9535	0.099461	37.94704	22.38248	15.56456	33.05005	12
1704.275	1704.916	1036.916	63.35	57.31	63.53	65.98	66.45398	0	33.54602	17.93518	15.61084	32.56435	12
1704.28	1704.921	1036.921	66.17	63.08	66.31	67.16	62.77324	0	37.22676	14.76494	22.46182	33.30379	10
1704.285	1704.926	1036.926	67.39	70.88	67.43	68.83	60.53824	0.383622	39.07814	27.10016	11.97798	33.01421	10
1704.29	1704.931	1036.931	67.4	65.17	67.86	69.96	58.65586	0.567634	40.77651	20.47173	20.30477	32.7192	10
1704.295	1704.936	1036.936	73.98	84.32	74.57	75.76	46.96046	3.731798	49.30774	16.83343	32.47431	31.38412	10
1704.3	1704.941	1036.941	79	76.64	79.16	80.57	47.53312	3.892258	48.57462	28.57421	20.00041	31.79784	10
1704.305	1704.945	1036.945	81.31	81.14	81.82	84.21	41.60642	5.970977	52.4226	19.4462	32.9764	31.12928	10
1704.31	1704.95	1036.95	82.19	81.49	82.43	82.78	42.80462	5.607454	51.58793	28.77806	22.80986	31.62436	10
1704.315	1704.955	1036.955	82.61	86.44	83.46	86.11	36.49282	7.903599	55.60358	26.25983	29.34375	30.76054	10
1704.32	1704.96	1036.96	82.27	76.8	82.53	83.45	43.711	5.380223	50.90878	22.25962	28.64915	31.67444	10
1704.325	1704.965	1036.965	81.15	90.85	81.63	80.71	39.6363	6.477094	53.88661	35.73839	18.14821	31.44629	10
1704.33	1704.97	1036.97	79.69	85.82	80.35	82	40.80176	6.007102	53.19114	23.37713	29.814	31.07011	10
1704.335	1704.975	1036.975	79.96	83.23	80.43	80.94	42.65264	5.455104	51.89226	26.92772	24.96454	31.45984	10
1704.34	1704.98	1036.98	76.66	77.71	76.84	77.96	49.27198	3.265374	47.46265	16.04785	31.4148	31.89577	10
1704.345	1704.985	1036.985	73.35	55.06	73.45	74.47	58.41848	0.673492	40.90803	16.10892	24.79911	33.45705	10
1704.35	1704.99	1036.99	73.49	87.57	74.04	75.16	46.93476	3.730502	49.33474	15.53468	33.80006	31.30003	10
1704.355	1704.995	1036.995	73.07	76.04	73.18	73.24	53.52142	2.038543	44.44004	31.72551	12.71453	32.43737	10
1704.36	1705	1037	70.23	62.73	70.54	71.11	57.80524	0.801452	41.39331	14.05139	27.34192	33.09109	10
1704.365	1705.005	1037.005	68.06	38.33	67.94	67.96	69.03894	0	30.96106	13.25524	17.70582	33.13274	10
1704.37	1705.01	1037.01	68.39	40.22	68.55	69.18	66.10796	0	33.89204	24.83195	9.060086	33.15985	10
1704.375	1705.015	1037.015	74.55	56.58918	74.48354	73.39796	58.23451	0.765303	41.00019	21.56428	19.43591	33.85096	10
1704.38	1705.02	1037.02	98.38	62.36845	98.72341	98.5741	31.7358	15.08347	53.18074	30.50214	22.6786	31.38469	10
1704.385	1705.025	1037.025	96.26	66.93082	96.73426	97.81617	31.56802	14.24782	54.18416	35.88753	18.29663	31.16041	10
1704.39	1705.03	1037.03	93.71	55.24634	94.20932	94.5324	36.54748	11.46442	51.9881	19.06328	32.92482	31.71139	10

1704.395	1705.035	1037.035	93.55	73.16085	94.46011	94.43075	29.17576	14.64795	56.17629	34.19841	21.97789	31.24656	10
1704.4	1705.04	1037.04	94.34	76.4847	94.75216	96.88655	31.50368	12.94385	55.55247	34.71545	20.83702	30.9384	10
1704.405	1705.045	1037.045	90.34	71.91805	91.55963	94.79747	30.03087	13.31003	56.6591	29.54533	27.11377	30.70755	10
1704.41	1705.05	1037.05	91.8	75.47244	93.03995	94.35284	27.67006	14.89381	57.43613	30.98215	26.45398	30.96734	10
1704.415	1705.055	1037.055	92	74.82117	92.70084	95.94223	31.82176	12.44452	55.73372	34.14193	21.59179	30.74774	10
1704.42	1705.06	1037.06	105.81	91.57383	106.0116	111.0526	18.93123	24.23715	56.83161	35.59443	21.23718	29.69648	11
1704.425	1705.065	1037.065	124.18	129.6236	124.7968	127.8805	0	75.70312	24.29688	24.29688	0	-9999	11
1704.43	1705.069	1037.069	124.84	128.9299	124.7433	126.2516	0	61.12173	38.87827	38.87827	0	-9999	11
1704.435	1705.074	1037.074	122.16	124.1934	121.8163	117.6348	0.221527	48.18527	51.59321	51.59321	0	-9999	11
1704.44	1705.079	1037.079	117.25	145.6156	116.5406	119.5461	2.388577	33.47709	64.13433	64.13433	0	-9999	11
1704.445	1705.084	1037.084	116.06	126.9931	115.4478	116.0414	7.23708	31.82126	60.94166	55.07496	5.866704	-9999	11
1704.45	1705.089	1037.089	111.43	120.3415	110.7774	112.427	13.41935	24.44239	62.13826	50.79645	11.34181	30.55551	11
1704.455	1705.094	1037.094	121.69	125.6691	121.6712	122.1968	0	53.66264	46.33736	46.33736	0	-9999	11
1704.46	1705.099	1037.099	123.73	135.7948	123.918	127.7917	0	64.69111	35.30889	35.30889	0	-9999	11
1704.465	1705.104	1037.104	120.74	115.3674	121.4746	122.9258	0	65.23846	34.76154	34.76154	0	-9999	11
1704.47	1705.109	1037.109	130.84	102.5354	130.9194	131.0783	0	86.08283	13.91717	13.91717	0	-9999	11
1704.475	1705.114	1037.114	130.79	99.44502	130.0554	128.765	1.300285	60.22307	38.47664	38.47664	0	-9999	11
1704.48	1705.119	1037.119	122.1	111.1116	121.1837	118.3202	7.880504	35.74613	56.37337	56.37337	0	-9999	11
1704.485	1705.124	1037.124	116.7	93.23427	116.5456	115.3963	11.26981	37.61054	51.11965	46.08821	5.031446	29.58304	11
1704.49	1705.129	1037.129	112.07	92.94178	112.7131	114.1875	9.419751	39.52182	51.05843	35.56686	15.49158	29.35333	11
1704.495	1705.134	1037.134	116.79	100.5738	117.3659	116.8558	3.751215	49.92353	46.32525	46.32525	0	-9999	11
1704.5	1705.139	1037.139	114.39	82.84969	115.4171	117.8192	6.751488	49.51481	43.7337	42.87333	0.860374	-9999	11
1704.505	1705.144	1037.144	117.77	93.91676	118.492	124.6633	3.328337	54.54196	42.1297	37.95394	4.175764	-9999	11
1704.51	1705.149	1037.149	112.94	96.35195	116.0239	120.3823	0	76.46319	23.53681	23.53681	0	-9999	11
1704.515	1705.154	1037.154	115.87	94.58601	117.4128	120.4666	0	62.5785	37.4215	37.4215	0	-9999	11
1704.52	1705.159	1037.159	110.28	76.43552	110.7477	111.7922	16.42045	32.82224	50.75731	33.36305	17.39425	29.62851	11
1704.525	1705.164	1037.164	123.84	101.7047	124.9157	126.01	0	83.29871	16.70129	16.70129	0	-9999	11
1704.53	1705.169	1037.169	105.09	85.23225	105.6253	105.1053	18.5423	25.87415	55.58355	34.50894	21.07461	30.62805	11
1704.535	1705.174	1037.174	107.46	59.77786	108.2622	110.0671	20.45374	30.42325	49.12301	26.21184	22.91118	29.66059	11
1704.54	1705.179	1037.179	119.06	74.10695	118.7274	117.782	15.10871	38.13294	46.75834	30.87333	15.88501	28.97445	11
1704.545	1705.184	1037.184	125.95	97.53756	125.2897	123.3653	5.639337	48.66061	45.70005	37.21643	8.483619	-9999	11
1704.55	1705.189	1037.189	124.85	135.2746	124.7533	125.0047	0	61.58038	38.41962	38.41962	0	-9999	11
1704.555	1705.193	1037.193	121.53	97.27205	121.7394	122.7866	3.029434	55.90567	41.0649	41.0649	0	-9999	11
1704.56	1705.198	1037.198	119.47	110.1413	118.7158	119.6397	9.278694	34.01785	56.70346	38.25991	18.44355	29.69768	11
1704.565	1705.203	1037.203	125.67	108.3287	126.0969	128.5808	0	75.27219	24.72781	24.72781	0	-9999	11
1704.57	1705.208	1037.208	121.97	126.8086	123.1431	129.5771	0	79.56191	20.43809	20.43809	0	-9999	11
1704.575	1705.213	1037.213	121.84	115.3196	121.4885	127.2235	2.723948	46.67162	50.60443	50.60443	0	-9999	11
1704.58	1705.218	1037.218	130.29	145.0721	131.1615	141.6196	0	100	0	0	0	-9999	11
1704.585	1705.223	1037.223	126.27	127.8277	128.0141	134.6905	0	100	0	0	0	-9999	11
1704.59	1705.228	1037.228	110.19	123.5262	111.7224	119.3685	0	48.53398	51.46602	51.46602	0	-9999	11
1704.595	1705.233	1037.233	128.66	152.2177	130.6076	133.4405	0	100	0	0	0	-9999	11
1704.6	1705.238	1037.238	107.08	110.2512	107.497	112.6008	11.57402	29.32869	59.09729	50.01178	9.085514	29.70527	10
1704.605	1705.243	1037.243	99.34	108.7432	99.68462	108.36	19.62055	19.14988	61.22957	30.92267	30.30689	29.36949	10
1704.61	1705.248	1037.248	96.12	77.07663	97.09779	98.71263	25.33916	17.73877	56.92207	34.8793	22.04277	30.76551	10
1704.615	1705.253	1037.253	96.57	74.36941	97.19332	98.8555	28.32748	15.90606	55.76646	22.85358	32.91288	30.85956	10
1704.62	1705.258	1037.258	92.87	71.7589	93.32395	93.36788	33.67581	11.71025	54.61394	32.10434	22.5096	31.45961	10
1704.625	1705.263	1037.263	92.7	57.36773	93.18289	94.70472	37.09062	10.75309	52.15629	22.47583	29.68046	31.51654	10
1704.63	1705.268	1037.268	94.13	57.63674	94.4977	95.48312	36.60267	11.27648	52.12085	31.63811	20.48274	31.5843	10
1704.635	1705.273	1037.273	94.17	57.03108	94.18471	93.40499	39.44806	9.452559	51.09938	22.63319	28.46618	32.1892	10
1704.64	1705.278	1037.278	98.68	63.72806	99.00893	99.74156	31.24298	15.36659	53.39044	21.43016	31.96028	31.1812	10
1704.645	1705.283	1037.283	94.82	46.27931	95.07069	96.78128	39.62316	10.42517	49.95168	35.33828	14.6134	31.80079	10
1704.65	1705.288	1037.288	95.53	46.02692	95.78136	95.69264	39.02588	10.96475	50.00937	34.36796	15.64141	32.0732	10
1704.655	1705.293	1037.293	94.38	51.62911	94.32107	94.96932	41.13288	8.85315	50.01397	34.40986	15.60411	32.14268	10
1704.66	1705.298	1037.298	84.81	43.23263	84.95242	83.2434	50.40876	3.845761	45.74548	17.08569	28.65979	33.53447	10
1704.665	1705.303	1037.303	85.41	40.74505	85.39573	85.70968	51.6731	3.433439	44.89346	19.44672	25.44675	33.40424	10
1704.67	1705.308	1037.308	81.64	37.42527	81.48495	81.78095	57.03591	1.336265	41.62783	22.40069	19.22713	34.15083	10
1704.675	1705.313	1037.313	80.77	40.8229	80.60135	82.0911	57.11951	1.240576	41.63992	28.88793	12.75199	33.84024	10
1704.68	1705.317	1037.317	80.53	29.82213	80.57213	80.79684	58.36891	0.961381	40.6697	16.64976	24.01995	34.47793	10
1704.685	1705.322	1037.322	91.65	45.9474	91.46001	91.72307	46.03518	6.179498	47.78532	28.82386	18.96146	32.79183	10
1704.69	1705.327	1037.327	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1705.04	1705.675	1037.675	70.604	85.56873	71.17813	71.9203	49.88717	2.852316	47.26051	15.60873	31.65178	31.53473	-9999
1705.045	1705.68	1037.68	77.70042	116.1633	79.13494	80.21452	29.28662	9.100737	61.61265	41.73941	19.87324	30.33459	-9999
1705.05	1705.685	1037.685	79.28496	116.4972	80.64627	82.69571	28.31539	9.696906	61.98771	39.82837	22.15934	30.21597	-9999
1705.055	1705.689	1037.689	79.00027	94.8721	79.89613	81.80731	37.41776	6.924239	55.658	33.08453	22.57347	30.6663	-9999
1705.06	1705.694	1037.694	78.66	110.1879	79.59856	78.54082	33.69351	7.919073	58.38741	35.52399	22.86342	30.83968	-9999
1705.065	1705.699	1037.699	73.24138	105.7203	73.35584	71.12384	46.14654	4.092201	49.76126	32.22261	17.53865	31.43833	-9999
1705.07	1705.704	1037.704	84.08905	92.50838	84.27472	86.34793	38.81217	6.989839	54.19799	23.29752	30.90047	30.92998	-9999
1705.075	1705.709	1037.709	86.98	101.1743	87.97307	86.72779	27.79796	11.88932	60.31272	29.64336	30.66936	31.20773	-9999
1705.08	1705.714	1037.714	85.91	107.0534	86.86508	87.16256	27.65403	11.47149	60.87448	36.0825	24.79198	30.83663	-9999
1705.085	1705.719	1037.719	87.68495	105.2921	88.14428	90.40926	30.28935	10.59889	59.11176	28.75832	30.35344	30.53712	-9999
1705.09	1705.724	1037.724	82.46879	87.78964	83.12671	82.8819	37.78478	7.358313	54.8569	30.81472	24.04218	31.31848	-9999
1705.095	1705.729	1037.729	80.96911	91.65717	81.77183	82.89262	37.10627	7.333036	55.56069	37.23621	18.32449	30.92452	-9999
1705.1	1705.734	1037.734	79.71998	116.626	81.02588	79.76501	28.3134	9.775465	61.91114	41.17658	20.73456	30.83576	-9999

1705.105	1705.739	1037.739	84.82	110.4008	84.58681	84.72672	37.05584	7.188951	55.75521	38.06753	17.68768	30.95987	-9999
1705.11	1705.744	1037.744	92.53	101.3515	92.85644	93.59094	27.8154	12.84748	59.33712	43.78069	15.55643	30.91234	-9999
1705.115	1705.749	1037.749	86.56709	83.7902	86.99167	84.36557	36.79055	8.399189	54.81026	31.21788	23.59238	31.89074	-9999
1705.12	1705.754	1037.754	85.82	103.9343	85.19403	82.1268	40.74475	5.86032	53.39493	24.15271	29.24222	31.92202	-9999
1705.125	1705.759	1037.759	83.44081	104.7269	83.6565	80.17467	36.21895	7.625953	56.1551	37.91072	18.24437	31.61775	-9999
1705.13	1705.764	1037.764	95.3598	129.3814	95.22699	90.11369	21.98798	14.37548	63.63654	37.09313	26.54341	31.88414	-9999
1705.135	1705.769	1037.769	100.4715	162.4535	101.2757	104.6636	2.020009	27.22721	70.75278	70.75278	0	-9999	-9999
1705.14	1705.774	1037.774	96.64346	144.8099	96.30883	93.73211	18.63747	15.17226	66.19027	43.55937	22.63091	31.46903	-9999
1705.145	1705.779	1037.779	101.0243	140.3283	101.5905	102.3455	8.710111	24.64782	66.64206	61.688	4.954062	31.24819	-9999
1705.15	1705.784	1037.784	89.7	192.5933	89.82842	88.94554	9.87317	16.34302	73.78381	55.06859	18.71522	31.31247	-9999
1705.155	1705.789	1037.789	85.02	142.8093	84.61537	83.85278	30.35767	8.910788	60.73154	37.44666	23.28487	30.49643	-9999
1705.16	1705.794	1037.794	74.6	79.51186	74.4431	73.85828	53.34213	2.15291	44.50496	19.40086	25.1041	32.53937	10
1705.165	1705.799	1037.799	74.09376	55.73814	74.31399	75.37385	56.63832	1.13314	42.22854	18.37396	23.85458	33.1866	10
1705.17	1705.804	1037.804	75.59382	79.10536	75.66295	74.99936	50.77447	2.822735	46.40279	18.12193	28.28086	32.30142	10
1705.175	1705.809	1037.809	80.75405	69.93009	80.06564	79.39129	54.11833	1.876201	44.00547	24.13976	19.86571	33.22761	10
1705.18	1705.813	1037.813	82.16	61.08339	82.10354	80.7909	50.06817	3.386373	46.54546	23.46524	23.08022	33.01508	10
1705.185	1705.818	1037.818	79.95204	78.51541	79.53168	79.18138	50.70117	2.90486	46.39397	15.05195	31.34202	32.49167	10
1705.19	1705.823	1037.823	76.528	88.15047	75.77922	73.21396	54.06486	2.001323	43.93381	30.30115	13.63267	32.94098	10
1705.195	1705.828	1037.828	72.37675	75.58187	71.30856	69.56933	63.40105	0	36.59895	6.547137	30.05181	34.14965	10
1705.2	1705.833	1037.833	73.51374	58.18265	73.23892	71.87858	60.41699	0.248826	39.33418	22.04581	17.28837	34.1714	10
1705.205	1705.838	1037.838	69.87558	84.34138	70.14763	69.72596	53.19548	2.12183	44.68269	21.4454	23.23729	32.10537	10
1705.21	1705.843	1037.843	72.89512	47.07821	72.75795	71.81144	62.60667	0	37.39333	17.30597	20.08736	34.16143	10
1705.215	1705.848	1037.848	71.18539	41.85222	70.84414	69.88863	67.02591	0	32.97409	12.16579	20.8083	33.63607	10
1705.22	1705.853	1037.853	68.85286	36.14011	68.90713	68.32375	67.48888	0	32.51112	24.98897	7.522151	33.33165	10
1705.225	1705.858	1037.858	73.18373	40.09197	73.0739	72.40123	63.81985	0	36.18015	24.65148	11.52867	34.02296	10
1705.23	1705.863	1037.863	75.7	35.88899	75.34045	76.08721	64.45741	0	35.54259	13.60627	21.93632	33.89306	10
1705.235	1705.868	1037.868	76.76	52.2105	76.57965	77.95309	58.14358	0.806331	41.05009	12.4716	28.5785	33.59308	10
1705.24	1705.873	1037.873	76.38772	46.52583	75.65309	75.18182	64.15743	0	35.84257	8.771375	27.07119	34.0395	10
1705.245	1705.878	1037.878	77.91569	54.29267	77.08029	78.05493	61.65315	0	38.34685	12.85944	25.48741	34.08213	10
1705.25	1705.883	1037.883	78.76208	49.58218	79.01336	80.68855	53.59259	2.203642	44.20377	17.82875	26.37502	32.98341	10
1705.255	1705.888	1037.888	77.58	59.4915	78.10861	78.66503	50.13275	3.10692	46.76033	30.57775	16.18257	32.49412	10
1705.26	1705.893	1037.893	80.05	52.23467	80.19019	79.43315	52.62672	2.556935	44.81635	26.41721	18.39914	33.30773	10
1705.265	1705.898	1037.898	76.67676	41.52282	76.74612	76.51032	58.87137	0.591481	40.53715	20.35765	20.1795	34.22661	10
1705.27	1705.903	1037.903	78.21	53.83163	77.97308	78.78138	56.85564	1.184661	41.9597	16.76186	25.19784	33.53372	10
1705.275	1705.908	1037.908	77.68217	44.24927	77.82131	77.97437	56.74574	1.230522	42.02374	15.49522	26.52852	33.79552	10
1705.28	1705.913	1037.913	77.17	44.64272	77.37838	78.73979	56.58512	1.251155	42.16373	12.58822	29.57551	33.51271	10
1705.285	1705.918	1037.918	75.20381	43.815	75.49374	76.54303	57.96227	0.77405	41.26368	27.22139	14.04229	33.7102	10
1705.29	1705.923	1037.923	77.21442	54.72255	77.40892	78.93709	54.21254	1.914835	43.87263	28.44816	15.42447	32.92369	10
1705.295	1705.928	1037.928	76.61	49.48131	76.84577	78.23262	55.71714	1.464101	42.81876	22.31365	20.50511	33.24693	10
1705.3	1705.933	1037.933	77.37439	50.22669	77.5134	78.15286	55.58335	1.538366	42.87828	15.66912	27.20916	33.38865	10
1705.305	1705.937	1037.937	79.692	46.11335	79.846	80.67205	54.33037	2.053352	43.61628	18.95412	24.66215	33.35724	10
1705.31	1705.942	1037.942	81.02187	52.4097	81.57036	80.79685	48.52593	4.014428	47.45964	31.65949	15.80015	32.82398	10
1705.315	1705.947	1037.947	83.88	44.81347	83.79481	81.36701	52.64573	2.853338	44.50093	25.32336	19.17757	33.92331	10
1705.32	1705.952	1037.952	83.02169	52.31445	83.20571	82.48378	49.53379	3.817425	46.64878	28.55489	18.0939	33.01854	10
1705.325	1705.957	1037.957	82.9766	54.41534	83.38696	83.1181	47.31276	4.608663	48.07857	25.01919	23.05938	32.63194	10
1705.33	1705.962	1037.962	92.17691	63.48661	92.89619	93.75619	34.25909	11.90421	53.8367	35.87162	17.96508	31.38425	11
1705.335	1705.967	1037.967	94.73691	95.10963	96.24225	99.79881	18.15916	20.52303	61.31781	39.22714	22.09067	30.43595	11
1705.34	1705.972	1037.972	94.76654	113.491	95.90791	97.84327	16.50437	19.7574	63.73824	53.10653	10.6317	30.75821	11
1705.345	1705.977	1037.977	92.45	105.3025	92.72738	95.07698	27.31307	12.82566	59.86128	27.42173	32.43954	30.57742	11
1705.35	1705.982	1037.982	92.5	77.53991	93.6587	97.26535	27.15543	15.26345	57.58112	31.22183	26.35929	30.50405	11
1705.355	1705.987	1037.987	84.3	64.44879	85.01257	86.62359	41.32498	6.862964	51.81205	32.43605	19.376	31.60395	11
1705.36	1705.992	1037.992	77.52477	50.81747	77.87924	79.01648	53.63227	2.107655	44.26008	20.0974	24.16268	33.00479	11
1705.365	1705.997	1037.997	74.67215	75.16565	75.71328	79.67536	45.04278	4.228808	50.72842	33.32538	17.40304	30.92956	11
1705.37	1706.002	1038.002	76.29072	88.05878	76.86159	76.36391	44.07812	4.682926	51.23895	31.24008	19.99887	31.48751	11
1705.375	1706.007	1038.007	85.73872	112.9123	86.61441	87.91229	27.00906	11.48504	61.5059	35.23562	26.27028	30.57853	11
1705.38	1706.012	1038.012	82.71532	108.638	84.15545	86.60672	26.45052	11.24895	62.30053	43.50603	18.7945	30.38778	11
1705.385	1706.017	1038.017	88.57814	115.8666	89.56571	91.38155	22.81477	13.94522	63.24	48.24429	14.99571	30.58235	11
1705.39	1706.022	1038.022	85.06886	120.2493	86.23653	86.28324	23.58684	12.58177	63.83139	39.4119	24.41949	30.79457	11
1705.395	1706.027	1038.027	87.08	112.7382	88.31048	91.3709	23.06756	13.63149	63.30095	32.24037	31.06058	30.36912	11
1705.4	1706.032	1038.032	90.71541	121.1662	91.63564	91.70022	20.0878	15.59349	64.31871	44.35278	19.96593	30.96415	11
1705.405	1706.037	1038.037	98.76224	108.2197	99.74461	104.1653	15.3362	22.77216	61.89164	39.15012	22.74152	30.20129	11
1705.41	1706.042	1038.042	94.92745	108.5379	96.03723	100.6751	17.7998	19.40875	62.79145	49.35585	13.4356	30.21684	11
1705.415	1706.047	1038.047	97.15286	113.8923	98.79753	101.8687	10.31125	25.51948	64.16926	56.60649	7.562775	30.77618	11
1705.42	1706.052	1038.052	101.8455	103.6091	103.1552	106.0159	11.07863	28.96207	59.9593	55.9748	3.984501	30.38001	11
1705.425	1706.057	1038.057	101.2769	142.7889	102.7372	107.5648	0.952922	31.93879	67.10829	67.10829	0	-9999	11
1705.43	1706.061	1038.061	104.74	135.5904	106.4553	111.7063	0	39.56498	60.43502	60.43502	0	-9999	11
1705.435	1706.066	1038.066	107.1445	122.9446	108.4568	109.8045	1.504386	39.38539	59.11023	59.11023	0	-9999	11
1705.44	1706.071	1038.071	107.5689	117.2605	109.1328	113.2735	0.539628	42.52888	56.93149	56.93149	0	-9999	11
1705.445	1706.076	1038.076	100.3542	112.7943	102.1145	102.3708	6.735605	30.80248	62.46192	62.35855	0.10337	-9999	11
1705.45	1706.081	1038.081	100.6815	103.6257	101.4863	103.267	16.05866	23.51664	60.42469	37.72043	22.70427	30.57159	11
1705.455	1706.086	1038.086	92.2863	99.32462	93.0525	95.51412	25.122	14.63452	60.24348	27.71253	32.53095	30.57377	11
1705.46	1706.091	1038.091	95.6	96.07901	97.13013	98.6769	16.93836	21.70944	61.35221	39.94749	21.40471	30.80336	11
1705.465	1706.096	1038.096	95.93	125.7805	98.04586	99.42866	4.90762	27.66683	67.42555	55.35569	12.06986	-9999	11

1705.47	1706.101	1038.101	97.3764	111.5205	99.03966	100.9381	10.53547	25.77039	63.69414	58.29125	5.402885	30.95733	11
1705.475	1706.106	1038.106	96.43658	106.0527	97.87368	96.30289	14.47601	22.80359	62.7204	43.27242	19.44798	31.43363	11
1705.48	1706.111	1038.111	98.20376	128.423	99.7229	98.96333	6.80087	27.0479	66.15123	56.96671	9.18452	-9999	11
1705.485	1706.116	1038.116	99.48	121.0431	101.4353	106.2469	4.032747	31.44534	64.52191	58.41131	6.110602	-9999	11
1705.49	1706.121	1038.121	102.36	122.156	103.8978	103.2067	4.348942	32.87261	62.77845	62.77845	0	-9999	11
1705.495	1706.126	1038.126	95.99	88.60247	97.18988	97.2732	20.94837	19.69099	59.36063	31.30849	28.05215	30.99065	11
1705.5	1706.131	1038.131	92.43736	86.88722	93.56326	96.77776	25.20526	15.6759	59.11885	41.60025	17.5186	30.50407	11
1705.505	1706.136	1038.136	93.9112	65.84076	95.12954	94.66854	28.22608	16.10989	55.66404	32.3031	23.36093	31.30357	11
1705.51	1706.141	1038.141	100.49	55.39022	100.8149	99.15606	31.62653	16.58126	51.79221	31.36965	20.42256	31.59084	11
1705.515	1706.146	1038.146	104.2975	63.65501	104.5245	103.599	26.88258	20.67125	52.44617	25.44743	26.99874	31.00114	11
1705.52	1706.151	1038.151	112.2172	79.56767	112.5266	111.2889	15.10666	34.63612	50.25722	33.81701	16.44021	29.84491	11
1705.525	1706.156	1038.156	110.15	79.43173	110.5822	109.4837	16.09018	32.38244	51.52738	24.66115	26.86623	30.087	11
1705.53	1706.161	1038.161	109.1083	93.88456	109.4666	109.5741	14.1233	30.77154	55.10516	39.9626	15.14255	30.20444	11
1705.535	1706.166	1038.166	117.5487	102.5679	117.9036	118.8936	4.283249	48.32993	47.38682	39.75962	7.627199	-9999	11
1705.54	1706.171	1038.171	125.82	101.2159	126.4026	128.0338	0	79.3187	20.6813	20.6813	0	-9999	11
1705.545	1706.176	1038.176	126.65	159.6651	126.4808	121.687	0	67.05948	32.94052	32.94052	0	-9999	11
1705.55	1706.181	1038.181	109.07	150.5786	109.4269	110.4665	0.44964	34.52074	65.02962	65.02962	0	-9999	11
1705.555	1706.185	1038.185	112.6822	163.3468	113.3099	116.0783	0	45.35239	54.64761	54.64761	0	-9999	11
1705.56	1706.19	1038.19	111.2587	165.8532	113.1042	118.9846	0	58.11042	41.88958	41.88958	0	-9999	11
1705.565	1706.195	1038.195	107.7654	171.4194	108.1361	113.8665	0	34.02551	65.97449	65.97449	0	-9999	11
1705.57	1706.2	1038.2	114.7617	133.3737	116.2184	123.6918	0	60.41313	39.58687	39.58687	0	-9999	11
1705.575	1706.205	1038.205	111.3613	153.1603	113.301	117.1961	0	58.78171	41.21829	41.21829	0	-9999	11
1705.58	1706.21	1038.21	113.7873	99.45328	115.6651	115.5389	0	61.51109	38.48891	38.48891	0	-9999	11
1705.585	1706.215	1038.215	112.5171	102.2536	114.1667	114.041	0	54.66104	45.33896	45.33896	0	-9999	11
1705.59	1706.22	1038.22	113.3358	94.60651	113.6509	114.2496	10.39409	37.87151	51.73441	35.44378	16.29063	29.50883	11
1705.595	1706.225	1038.225	120.2085	120.8968	119.7798	122.0307	3.473868	41.9577	54.56843	54.56843	0	-9999	11
1705.6	1706.23	1038.23	124.9313	141.6477	124.9507	127.117	0	65.00065	34.99935	34.99935	0	-9999	11
1705.605	1706.235	1038.235	131.51	168.3098	131.7688	134.5364	0	99.44948	0.550515	0.550515	0	-9999	11
1705.61	1706.24	1038.24	129.1151	142.5414	128.9414	126.1245	0	74.20658	25.79342	25.79342	0	-9999	11
1705.615	1706.245	1038.245	124.6527	97.9488	124.5175	121.4842	2.664008	57.57162	39.76437	39.76437	0	-9999	11
1705.62	1706.25	1038.25	98.59619	69.72853	99.00605	100.416	29.24078	16.2154	54.54382	38.77983	15.76399	30.91934	9
1705.625	1706.255	1038.255	73.2438	90.76066	70.10714	66.26885	74.96075	0	25.03925	7.329592	17.70966	33.91868	9
1705.63	1706.26	1038.26	67.60809	67.74005	65.24106	63.97686	79.75189	0	20.24811	6.681633	13.56647	34.10045	9
1705.635	1706.265	1038.265	49.56	30.09	49.14	48.82	90.37802	0	9.62198	9.62198	0	34.37862	9
1705.64	1706.27	1038.27	53.77	43.54	53.76	50.54	80.07242	0	19.92758	12.99278	6.934801	33.56066	9
1705.645	1706.275	1038.275	53.81	27.2	53.82	51.88	83.8349	0	16.1651	4.60033	11.56477	33.40838	9
1705.65	1706.28	1038.28	55.9	24.04	55.31	54.26	87.32682	0	12.67318	12.67318	0	33.98427	9
1705.655	1706.285	1038.285	57.63	16.69	57.8	57.73	81.62392	0	18.37608	16.0465	2.329579	32.66149	9
1705.66	1706.29	1038.29	57.97	21.26	58.3	58.89	78.96518	0	21.03482	5.162401	15.87242	32.33031	9
1705.665	1706.295	1038.295	62.68	16.35	62.86	63.19	76.9827	0	23.0173	16.37387	6.643434	32.49947	9
1705.67	1706.3	1038.3	65.61	22.23	65.92	66.39	71.85664	0	28.14336	12.76044	15.38292	32.60814	9
1705.675	1706.305	1038.305	68.92	32.91	69.23	69.43	66.22688	0	33.77312	17.46924	16.30388	33.22502	9
1705.68	1706.309	1038.309	65.94	82.81	66.14	66.84	57.74518	1.136902	41.11792	25.27787	15.84005	32.30618	9
1705.685	1706.314	1038.314	54.15	84.99	54.11	55.63	69.92442	0	30.07558	8.670706	21.40487	32.88759	9
1705.69	1706.319	1038.319	56.96	58.64	57.1	56.9	72.32092	0	27.67908	18.24459	9.434492	32.78046	9
1705.695	1706.324	1038.324	50.73	44.26	50.76	50.82	82.38498	0	17.61502	17.61502	0	33.15018	9
1705.7	1706.329	1038.329	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1706.045	1706.672	1038.672	66.17	42.62	65.67	65.33	72.68456	0	27.31544	5.82721	21.48823	33.13445	10
1706.05	1706.677	1038.677	67.59	32.29	67.71	67.14	69.07302	0	30.92698	18.06211	12.86487	33.12217	10
1706.055	1706.681	1038.681	69.71	42.02	68.94	67.45	71.66546	0	28.33454	13.2155	15.11904	33.48358	10
1706.06	1706.686	1038.686	72.26	44.61	72.26	73.67	62.72518	0	37.27482	10.73099	26.54383	33.65851	10
1706.065	1706.691	1038.691	75.91	34.52	75.88	75.85	62.04146	0	37.95854	21.17351	16.78503	34.44754	10
1706.07	1706.696	1038.696	75.42	33.42	75.71	76.14	60.27846	0.135734	39.58581	9.914373	29.67143	34.44704	10
1706.075	1706.701	1038.701	73.99	32.12	73.83	73.48	65.39616	0	34.60384	23.58462	11.01922	33.88893	10
1706.08	1706.706	1038.706	72.87	29.88	72.82	72.14	66.11614	0	33.88386	8.076077	25.80778	33.79289	10
1706.085	1706.711	1038.711	74.47	41.42	74.45	73.24	61.61896	0	38.38104	12.02897	26.35207	34.51283	10
1706.09	1706.716	1038.716	77.91	39.78	78.06	77.91	57.53354	1.025069	41.44139	29.6073	11.83409	34.07341	10
1706.095	1706.721	1038.721	80.33	48.27	80.59	79.32	52.40006	2.696756	44.90318	32.47964	12.42354	33.4477	10
1706.1	1706.726	1038.726	79.03	49.26	79.47	78.43	51.96148	2.732778	45.30574	22.82614	22.4796	33.26961	10
1706.105	1706.731	1038.731	79.07	55.58	79.63	80.06	49.46524	3.468538	47.06622	26.03031	21.03591	32.57021	10
1706.11	1706.736	1038.736	77.18	53.71	77.63	77.43	52.50908	2.400928	45.08999	14.20291	30.88708	33.01855	10
1706.115	1706.741	1038.741	79.28	65.63	80.14	81.34	44.51494	4.979815	50.50524	32.18128	18.32397	31.7541	10
1706.12	1706.746	1038.746	77.18	71.16	78.17	80.06	44.10118	4.797222	51.1016	18.34273	32.75887	31.41308	10
1706.125	1706.751	1038.751	75.65	62.7	75.84	74.82	53.7561	1.976089	44.26781	24.69458	19.57324	33.08009	10
1706.13	1706.756	1038.756	67.97	62.23	68	67.77	62.17544	0	37.82456	9.621149	28.20341	33.68134	10
1706.135	1706.761	1038.761	66.6	65.9	66.35	66.28	64.7177	0	35.2823	11.16121	24.12109	33.46061	10
1706.14	1706.766	1038.766	70.31	69.98	70.45	70.51	57.29464	1.043726	41.66163	20.16799	21.49364	32.92827	10
1706.145	1706.771	1038.771	71.48	92.35	71.84	71.11	49.0997	3.17858	47.72172	19.86903	27.85269	31.61221	10
1706.15	1706.776	1038.776	68.44	118.75	68.52	69.03	47.6777	3.865261	48.45704	15.53792	32.91912	30.46145	10
1706.155	1706.781	1038.781	67.98	69.58	68.1	68.98	59.69004	0.513989	39.79597	22.33546	17.46051	33.02173	10
1706.16	1706.786	1038.786	68.93	58.7	68.63	68.39	64.704	0	35.296	8.077784	27.21822	33.57458	10
1706.165	1706.791	1038.791	103.3015	80.0465	103.0363	100.1033	27.64733	16.64186	55.71081	39.175	16.5358	31.64549	10
1706.17	1706.796	1038.796	114.6325	117.2165	115.6658	111.7711	0	52.56026	47.43974	47.43974	0	-9999	10

1706.175	1706.801	1038.801	110.9432	101.2049	110.2538	105.6788	18.78338	22.14702	59.0696	32.76202	26.30758	31.58486	10
1706.18	1706.805	1038.805	106.3058	131.2459	105.1327	101.3046	19.52877	15.0383	65.43293	32.75865	32.67428	31.9976	10
1706.185	1706.81	1038.81	106.9198	102.4045	105.4202	101.2152	28.47375	10.59324	60.933	35.89188	25.04113	32.39866	10
1706.19	1706.815	1038.815	104.7756	79.15163	104.5914	104.5914	25.87924	18.74659	55.37417	26.71549	28.65868	30.9384	10
1706.195	1706.82	1038.82	108.0968	89.2992	108.0346	105.5966	19.42197	24.53694	56.04108	25.89513	30.14596	30.97553	10
1706.2	1706.825	1038.825	109.5745	110.5467	108.3102	106.2654	22.23765	15.21506	62.54729	35.96065	26.58664	31.66415	10
1706.205	1706.83	1038.83	117.1408	134.0707	116.0483	112.3369	8.252416	26.64629	65.1013	48.08748	17.01382	31.68904	10
1706.21	1706.835	1038.835	119.8614	157.8964	117.7537	113.7005	7.851044	14.74984	77.39911	60.42673	16.97239	-9999	10
1706.215	1706.84	1038.84	117.8301	141.0256	116.8155	114.9472	5.331735	29.24047	65.4278	54.97924	10.44856	-9999	10
1706.22	1706.845	1038.845	120.2439	124.0306	119.3838	117.8422	6.025579	34.41476	59.55966	49.05606	10.50361	-9999	10
1706.225	1706.85	1038.85	121.5596	130.1856	120.8093	116.6503	2.474811	39.25603	58.26916	58.26916	0	-9999	10
1706.23	1706.855	1038.855	122.8299	150.8594	121.978	115.2934	0	41.08998	58.91002	58.91002	0	-9999	10
1706.235	1706.86	1038.86	125.929	134.4324	125.2835	122.8507	0	51.45671	48.54329	48.54329	0	-9999	10
1706.24	1706.865	1038.865	125.5182	139.073	125.8156	118.7285	0	73.55387	26.44613	26.44613	0	-9999	10
1706.245	1706.87	1038.87	111.6885	127.3878	110.7663	111.3079	13.56573	22.0668	64.36747	56.17817	8.189302	30.97289	10
1706.25	1706.875	1038.875	76.69	138.41	74.76	70.11	50.90748	3.080267	46.01225	32.94654	13.06571	31.87186	10
1706.255	1706.88	1038.88	76.33	150.15	75.07	74.44	43.2051	5.132219	51.66268	21.82365	29.83903	30.16625	10
1706.26	1706.885	1038.885	75.84	135.71	75.12	71.43	42.96538	5.131067	51.90355	19.23	32.67356	30.98655	10
1706.265	1706.89	1038.89	74.09	141.61	72.67	73.31	48.57258	3.959161	47.46826	15.11939	32.34887	30.37204	10
1706.27	1706.895	1038.895	75.48	132.27	74.15	73.53	48.85656	3.669447	47.47399	21.9457	25.52829	30.94261	10
1706.275	1706.9	1038.9	76.69	116.66	75.88	76.23	47.49098	3.833612	48.67541	17.36933	31.30608	31.04724	10
1706.28	1706.905	1038.905	76.31	129.5	75.08	73.21	47.9883	3.794091	48.21761	28.15724	20.06037	31.20925	10
1706.285	1706.91	1038.91	74.9	106.02	75.37	75.7	41.79266	5.24159	52.96575	18.86415	34.1016	30.74609	10
1706.29	1706.915	1038.915	78.55	75.8	78.59	77.94	49.0804	3.404969	47.51463	24.36326	23.15137	32.31992	10
1706.295	1706.92	1038.92	80.97	68.97	81.53	81.68	44.47686	5.141419	50.38172	28.59578	21.78595	31.94611	10
1706.3	1706.925	1038.925	82.48	80.97	82.89	82.68	41.34616	6.180934	52.47291	30.43565	22.03726	31.62137	10
1706.305	1706.929	1038.929	85.8	69.63	85.86	85.35	43.74854	5.803186	50.44827	25.98812	24.46016	32.17645	10
1706.31	1706.934	1038.934	85.68	85.59	84.41	82.06	50.30412	2.529434	47.16645	21.61436	25.55208	33.04953	10
1706.315	1706.939	1038.939	81.67	94.15	80.7	78.83	49.5968	3.016664	47.38654	33.85965	13.52688	32.45091	10
1706.32	1706.944	1038.944	78.89	80.51	78.51	79.43	50.88278	2.843403	46.27382	26.71959	19.55423	32.17038	10
1706.325	1706.949	1038.949	78.31	67.84	78.67	78.92	48.74752	3.537031	47.71545	25.25433	22.46112	32.25687	10
1706.33	1706.954	1038.954	76.84	56.7	77.19	78.96	52.8733	2.270241	44.85646	27.7544	17.10206	32.62604	10
1706.335	1706.959	1038.959	76.51	56.03	76.92	78.12	52.87404	2.248288	44.87767	22.11757	22.7601	32.72875	10
1706.34	1706.964	1038.964	77.32	73.94	78.08	79.65	45.08212	4.514372	50.40351	21.60051	28.803	31.49991	10
1706.345	1706.969	1038.969	85.99	72.9	86.55	86.94	38.9074	7.82782	53.26478	36.33612	16.92866	31.57524	10
1706.35	1706.974	1038.974	86.99	73.82	87.55	89.68	37.76476	8.449137	53.7861	31.94173	21.84438	31.19352	10
1706.355	1706.979	1038.979	85.76	82.29	86.94	88.68	32.04162	10.50149	57.45689	24.38919	33.0677	30.8989	10
1706.36	1706.984	1038.984	86.4	92.27	87.46	88.24	29.96766	11.15814	58.8742	42.46014	16.41406	30.92787	10
1706.365	1706.989	1038.989	86.16	92.19	86.98	89.37	32.06782	10.14073	57.79145	35.78627	22.00519	30.65977	10
1706.37	1706.994	1038.994	85.58	95.42	86.43	82.96	31.58726	10.12171	58.29103	37.47836	20.81267	31.67951	10
1706.375	1706.999	1038.999	88.01	77.07	87.59	86.87	43.63486	5.589586	50.77555	28.35328	22.42228	32.20431	10
1706.38	1707.004	1039.004	90.29	71.99	90.65	93.08	36.72162	9.524648	53.75373	38.1025	15.65123	31.16177	10
1706.385	1707.009	1039.009	90.93	89.94	90.96	93.19	34.34642	9.705717	55.94786	37.52178	18.42608	30.91203	10
1706.39	1707.014	1039.014	90.78	112.86	91.33	92.44	24.90778	13.43255	61.65967	41.61153	20.04814	30.71052	10
1706.395	1707.019	1039.019	92.66	112.13	93.15	94.27	23.81984	14.4542	61.72596	32.68332	29.04264	30.74275	10
1706.4	1707.024	1039.024	94.32	109.77	94.82	95.92	22.78626	15.63568	61.57806	46.66375	14.91431	30.77309	10
1706.405	1707.029	1039.029	94.43	108.92	94.78	96.24	24.05326	14.87774	61.069	27.81972	33.24928	30.70943	10
1706.41	1707.034	1039.034	94.72	97.51	95.23	94.22	25.30768	15.18957	59.50275	31.07936	28.42339	31.21668	10
1706.415	1707.039	1039.039	93.98	93.09	94.61	94.57	26.12812	14.91044	58.96144	33.88575	25.07568	31.06638	10
1706.42	1707.044	1039.044	93.5	96.33	94.2	96.39	25.24314	15.09103	59.66583	31.59462	28.0712	30.63066	10
1706.425	1707.049	1039.049	95.26	110.77	95.84	97.9	21.05946	16.92576	62.01478	43.60572	18.40906	30.60519	10
1706.43	1707.053	1039.053	95.34	101.37	95.78	95.98	24.34566	15.5862	60.06814	45.77993	14.2882	30.97057	10
1706.435	1707.058	1039.058	94.19	101.91	94.87	95.94	23.41298	15.94451	60.64251	35.08799	25.55452	30.80515	10
1706.44	1707.063	1039.063	93.43	88.65	93.53	94.33	31.8161	11.51225	56.67165	40.33038	16.34127	31.11603	10
1706.445	1707.068	1039.068	92.62	73.76	92.68	91.41	36.47468	9.781059	53.74426	28.6002	25.14406	31.86455	10
1706.45	1707.073	1039.073	92.85	76.87	92.98	92.05	34.96796	10.47417	54.55787	33.18559	21.37228	31.67749	10
1706.455	1707.078	1039.078	92.99	82.8	92.82	92.33	35.7291	9.529778	54.74112	30.58875	24.15237	31.61706	10
1706.46	1707.083	1039.083	93.57	84.3	93.98	94.15	30.3375	12.86448	56.79802	27.50322	29.2948	31.18826	10
1706.465	1707.088	1039.088	93.75	89.93	94.18	93.94	28.65444	13.48348	57.86208	32.63172	25.23036	31.17692	10
1706.47	1707.093	1039.093	93.19	97.42	93.84	93.74	25.65206	14.65883	59.68911	38.36209	21.32702	31.05171	10
1706.475	1707.098	1039.098	92.89	85.15	93.51	94.47	29.1299	13.44332	57.42678	26.66205	30.76473	30.98962	10
1706.48	1707.103	1039.103	92.2	69.09	92.35	92.7	37.29372	9.617075	53.0892	20.38853	32.70068	31.65152	10
1706.485	1707.108	1039.108	89.28	52.1	89.74	91.37	41.6892	7.96518	50.34562	35.43552	14.9101	31.89192	10
1706.49	1707.113	1039.113	87.25	44.54	87.63	87.41	46.00632	5.959179	48.0345	31.32479	16.70972	32.73877	10
1706.495	1707.118	1039.118	84.94	52.72	85.41	85.7	45.45446	5.611551	48.93399	31.90334	17.03065	32.40624	10
1706.5	1707.123	1039.123	84.97	54.19	85.47	86.29	44.83862	5.824623	49.33676	32.5363	16.80046	32.22366	10
1706.505	1707.128	1039.128	85.12	56.39	85.67	85.74	43.78072	6.215826	50.00345	23.70837	26.29509	32.22989	10
1706.51	1707.133	1039.133	84.67	57.72	85.31	86.16	43.17536	6.367471	50.45717	26.28675	24.17042	31.99742	10
1706.515	1707.138	1039.138	85.04	49.43	85.59	86.67	45.53864	5.704471	48.75689	34.75005	14.00684	32.31842	10
1706.52	1707.143	1039.143	85.22	52.73	85.7	87.02	45.11694	5.787273	49.09579	33.25673	15.83906	32.18831	10
1706.525	1707.148	1039.148	85.8	52.41	86.18	85.85	45.43578	5.724433	48.83979	32.57233	16.26746	32.54972	10
1706.53	1707.153	1039.153	86.66	54.52	87.02	87.65	44.28896	6.24321	49.46783	34.15732	15.31051	32.24785	10
1706.535	1707.158	1039.158	87	61.74	87.31	87.41	42.61642	6.730852	50.65273	16.58405	34.06868	32.09801	10

1706.54	1707.163	1039.163	86.31	55.01	86.61	86.55	44.95738	5.88347	49.15915	32.52441	16.63474	32.42943	10
1706.545	1707.168	1039.168	85.93	54.49	86.21	86.19	45.58782	5.588554	48.82363	17.92886	30.89476	32.48554	10
1706.55	1707.173	1039.173	85.63	56.89	85.91	85.52	45.28302	5.603006	49.11397	26.89338	22.2206	32.47769	10
1706.555	1707.177	1039.177	86.38	52.22	86.55	86.92	46.57566	5.277303	48.14704	22.46401	25.68303	32.57303	10
1706.56	1707.182	1039.182	86.36	55.13	86.9	86.71	43.02234	6.761198	50.21646	18.27921	31.93725	32.25504	10
1706.565	1707.187	1039.187	86.28	56.71	86.83	87.18	42.63608	6.859029	50.50489	28.84003	21.66487	32.09638	10
1706.57	1707.192	1039.192	85.97	53.57	86.33	86.65	45.15366	5.820873	49.02547	18.93598	30.08949	32.38835	10
1706.575	1707.197	1039.197	85.19	53.1	86.02	87.04	42.3425	6.971779	50.68572	36.33237	14.35335	31.96757	10
1706.58	1707.202	1039.202	84.29	57.05	85	85.2	43.1446	6.350023	50.50538	21.75885	28.74652	32.1132	10
1706.585	1707.207	1039.207	83.4	49.3	84.08	84.74	46.0714	5.277665	48.65094	34.27741	14.37353	32.40629	10
1706.59	1707.212	1039.212	83.05	44.9	83.67	84.02	47.9232	4.627136	47.44966	22.48429	24.96537	32.72899	10
1706.595	1707.217	1039.217	83.73	39.04	84.2	84.83	49.87822	4.09798	46.0238	20.07375	25.95005	33.03585	10
1706.6	1707.222	1039.222	83.76	43.07	84.14	84.51	49.57286	4.106168	46.32097	30.29867	16.02231	32.98343	10
1706.605	1707.227	1039.227	83.83	46.99	84.12	84.7	49.25732	4.125257	46.61742	14.45542	32.16201	32.84668	10
1706.61	1707.232	1039.232	84.47	51.23	84.66	84.03	48.41744	4.385449	47.19711	33.29265	13.90446	32.92455	10
1706.615	1707.237	1039.237	84.92	55.01	85.27	85.21	45.84868	5.363512	48.78781	30.03814	18.74967	32.47956	10
1706.62	1707.242	1039.242	85.99	62.74	86.25	84.68	43.69112	6.106663	50.20222	27.24456	22.95766	32.464	10
1706.625	1707.247	1039.247	86.66	81.87	86.57	86.22	41.15776	6.505304	52.33694	34.60377	17.73316	31.78285	10
1706.63	1707.252	1039.252	87.38	90.49	87.31	84.86	38.25432	7.48849	54.25719	30.15234	24.10485	31.87648	10
1706.635	1707.257	1039.257	87.98	92.55	88.06	87.04	36.0413	8.473586	55.48511	33.57761	21.90751	31.47932	10
1706.64	1707.262	1039.262	88.19	85.17	88.02	86.22	39.57156	7.141924	53.28652	28.66564	24.62088	31.94695	10
1706.645	1707.267	1039.267	86.8	76.81	86.21	82.76	46.12848	4.496019	49.3755	26.21976	23.15574	32.91892	10
1706.65	1707.272	1039.272	85.96	78.42	85.17	81.39	48.06166	3.65166	48.28668	24.38669	23.9	33.14062	10
1706.655	1707.277	1039.277	85.56	74.6	84.66	81.81	50.2066	2.918952	46.87445	30.47046	16.40399	33.28039	10
1706.66	1707.282	1039.282	83.09	77.34	82.53	80.62	49.18092	3.379158	47.43992	30.37248	17.06744	32.78093	10
1706.665	1707.287	1039.287	78.68	67	78.41	75.7	53.4929	2.128881	44.37822	26.4454	17.93282	33.43079	10
1706.67	1707.292	1039.292	73.84	52.82	73.87	73.91	59.05226	0.515896	40.43184	25.53535	14.89649	33.80045	10
1706.675	1707.297	1039.297	69.25	42.97	69.59	70.08	63.25626	0	36.74374	14.55488	22.18886	33.45204	10
1706.68	1707.301	1039.301	66.41	49.18	66.58	66.31	65.68374	0	34.31626	24.86791	9.448348	33.21892	10
1706.685	1707.306	1039.306	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1707.045	1707.664	1039.664	78.89	98.09892	80.06309	81.93444	34.58985	7.787321	57.62283	25.53777	32.08506	30.52198	10
1707.05	1707.669	1039.669	81.05	68.56903	81.711	81.13438	43.71753	5.423393	50.85907	17.3604	33.49867	32.01849	10
1707.055	1707.673	1039.673	82.88	68.60146	83.85622	84.53534	39.58311	7.218733	53.19816	29.68907	23.50908	31.54153	10
1707.06	1707.678	1039.678	83.6	53.03274	83.99708	84.9047	47.17669	4.757612	48.0657	28.02568	20.04002	32.42856	10
1707.065	1707.683	1039.683	82.69	60.50208	83.02936	83.36871	46.65368	4.684992	48.66133	17.67117	30.99016	32.32422	10
1707.07	1707.688	1039.688	84.72	70.11885	85.24674	78.18556	41.00659	6.860587	52.13282	32.71589	19.41693	33.09666	10
1707.075	1707.693	1039.693	87.37	76.35074	88.28938	89.5679	34.01751	10.19089	55.79159	31.62071	24.17089	31.12891	10
1707.08	1707.698	1039.698	86.05	67.37902	87.07968	90.18303	36.54824	9.145368	54.30639	36.89523	17.41116	30.9992	10
1707.085	1707.703	1039.703	85.03	68.03962	85.8565	89.68976	38.90142	7.877719	53.22086	31.01053	22.21033	30.97447	10
1707.09	1707.708	1039.708	84.87	60.00163	86.13757	85.72454	37.57556	8.731129	53.69331	27.99003	25.70327	31.78514	10
1707.095	1707.713	1039.713	84.69	58.15986	86.5119	88.86045	33.89077	10.39061	55.71862	31.01006	24.70856	31.13625	10
1707.1	1707.718	1039.718	82.99	62.78357	84.23542	86.78286	38.8036	7.712562	53.48384	20.22827	33.25556	31.2406	10
1707.105	1707.723	1039.723	81.17	53.89972	83.09759	84.34983	37.34101	8.077112	54.58187	22.64694	31.93493	31.51949	10
1707.11	1707.728	1039.728	81.41	55.15004	82.84615	86.08453	40.62633	6.874153	52.49952	25.37193	27.12759	31.31592	10
1707.115	1707.733	1039.733	82.95	51.06379	84.66221	86.57252	38.05897	8.358346	53.58268	31.09742	22.48526	31.49067	10
1707.12	1707.738	1039.738	83.66	59.02516	85.07845	85.74512	37.75575	8.406345	53.83791	20.28105	33.55686	31.59484	10
1707.125	1707.743	1039.743	85.97	78.37794	87.21387	88.92955	32.30015	10.60329	57.09656	31.66639	25.43017	30.95385	10
1707.13	1707.748	1039.748	84.39	66.63929	85.5846	86.36678	36.97634	8.636251	54.38741	38.07541	16.312	31.43512	10
1707.135	1707.753	1039.753	85.5	77.78307	86.81319	87.65534	32.33928	10.49774	57.16298	29.22226	27.94072	31.11955	10
1707.14	1707.758	1039.758	84.66	63.01714	86.35377	86.85194	33.73594	10.25419	56.00987	24.02609	31.98378	31.40865	10
1707.145	1707.763	1039.763	83.66	57.85998	85.14962	85.43336	37.48612	8.558034	53.95585	24.56182	29.39403	31.66784	10
1707.15	1707.768	1039.768	85.84	57.57798	86.92622	86.84047	38.67512	8.552259	52.77262	19.35383	33.41879	31.83528	10
1707.155	1707.773	1039.773	85.52	49.92322	86.51923	86.71908	41.49613	7.53186	50.97201	32.31439	18.65762	32.08955	10
1707.16	1707.778	1039.778	84.86	59.95899	85.55779	87.93598	42.01084	6.809502	51.17966	34.02358	17.15608	31.58094	10
1707.165	1707.783	1039.783	83.76	66.12246	84.61136	88.52764	40.3411	7.132399	52.5265	20.42455	32.10195	31.05187	10
1707.17	1707.788	1039.788	81.24	77.40044	83.13977	86.24978	31.80504	9.6254	58.56956	26.17145	32.39811	30.66273	10
1707.175	1707.793	1039.793	81.12	87.4823	83.01894	87.87179	29.48208	10.22932	60.2886	28.76422	31.52439	30.18329	10
1707.18	1707.797	1039.797	80.43	94.95449	82.63375	85.98851	25.94632	11.18054	62.87314	28.55132	34.32182	30.41503	10
1707.185	1707.802	1039.802	80.19	96.09215	82.02716	84.11676	28.7329	10.07892	61.18819	30.75279	30.4354	30.55195	10
1707.19	1707.807	1039.807	79.37	76.93912	81.51022	85.73471	31.77363	9.133276	59.0931	42.57893	16.51417	30.44644	10
1707.195	1707.812	1039.812	80.7	51.68355	82.20303	85.56026	41.60011	6.438035	51.96186	35.90306	16.0588	31.40305	10
1707.2	1707.817	1039.817	82.32	50.12063	83.35094	83.52041	44.14661	5.840838	50.01255	18.56455	31.448	32.25833	10
1707.205	1707.822	1039.822	81.87	47.29946	82.36353	83.80183	49.40825	3.88147	46.71028	32.41153	14.29875	32.62342	10
1707.21	1707.827	1039.827	83.33	68.63418	84.03859	84.47791	41.23537	6.63557	52.12906	29.32774	22.80132	31.70807	10
1707.215	1707.832	1039.832	84.79	60.51579	85.68702	87.11087	40.39645	7.469689	52.13386	25.71781	26.41604	31.61966	10
1707.22	1707.837	1039.837	85.44	63.76724	86.23917	86.9099	39.76995	7.729433	52.50062	24.62739	27.87323	31.6829	10
1707.225	1707.842	1039.842	86.29	63.92491	86.76223	87.82118	41.48356	7.077732	51.43871	33.50062	17.93808	31.76451	10
1707.23	1707.847	1039.847	87.06	69.77061	87.21785	88.12188	41.797	6.755549	51.44746	32.0272	19.42026	31.77047	10
1707.235	1707.852	1039.852	86.96	68.01119	87.50511	88.52362	39.31346	7.985543	52.701	37.69164	15.00935	31.56633	10
1707.24	1707.857	1039.857	87.81	59.95081	88.18403	89.10471	41.808	7.287878	50.90413	29.62213	21.282	31.90899	10
1707.245	1707.862	1039.862	85.03	54.49781	85.52875	85.50025	44.71861	5.871821	49.40957	15.83342	33.57616	32.35906	10
1707.25	1707.867	1039.867	86.18	69.65562	87.18143	89.37026	36.09668	9.279718	54.6236	26.15251	28.4711	31.11676	10
1707.255	1707.872	1039.872	87.94	75.68181	88.80357	90.35799	34.08755	10.30513	55.60733	32.75966	22.84766	31.09395	10

1707.26	1707.877	1039.877	88.25	80.4135	88.91278	90.51208	34.21342	10.04096	55.74562	29.67476	26.07086	31.04452	10
1707.265	1707.882	1039.882	87.36	70.00851	88.37982	90.93656	34.78312	10.13802	55.07886	32.55018	22.52868	30.99602	10
1707.27	1707.887	1039.887	89.72	70.91558	90.54551	92.38481	33.89832	11.05001	55.05167	34.64571	20.40596	31.09784	10
1707.275	1707.892	1039.892	90.31	70.24256	91.2533	93.5027	32.60553	11.94824	55.44623	34.65981	20.78642	30.97056	10
1707.28	1707.897	1039.897	91.64	67.00085	92.35434	90.86734	33.94084	11.70477	54.3544	36.09802	18.25638	31.75677	10
1707.285	1707.902	1039.902	88.99	78.04261	90.2035	91.73482	29.83826	12.62374	57.538	26.73203	30.80597	30.94701	10
1707.29	1707.907	1039.907	91.21	70.19813	92.49116	94.77687	29.16985	14.21305	56.61711	25.6885	30.92861	30.83872	10
1707.295	1707.912	1039.912	90.37	64.1891	91.18284	92.51821	35.02635	11.01156	53.96208	27.34953	26.61255	31.31462	10
1707.3	1707.917	1039.917	88.79	67.25436	89.84376	94.04436	33.87101	11.08523	55.04375	31.42536	23.61839	30.68941	10
1707.305	1707.921	1039.921	90.12	53.34451	90.94652	92.86058	37.77468	10.15648	52.06884	33.71816	18.35068	31.48649	10
1707.31	1707.926	1039.926	90.73	63.44483	92.24144	93.36049	29.46109	14.40099	56.13791	27.32833	28.80958	31.1159	10
1707.315	1707.931	1039.931	92.6	54.87211	93.65327	93.78493	33.3661	13.29946	53.33444	19.65263	33.6818	31.49331	10
1707.32	1707.936	1039.936	93.99	57.18572	94.76909	95.25418	33.65235	13.27418	53.07348	25.62861	27.44487	31.42305	10
1707.325	1707.941	1039.941	95.29	59.24851	96.22045	98.05181	30.78406	15.43328	53.78265	29.80468	23.97797	30.96872	10
1707.33	1707.946	1039.946	95.54	59.58297	96.67808	98.52563	28.86397	16.89209	54.24395	39.19614	15.04781	30.85708	10
1707.335	1707.951	1039.951	94.75	54.58209	95.85569	97.35942	31.05206	15.56669	53.38126	19.5103	33.87095	31.06525	10
1707.34	1707.956	1039.956	92.93	66.67829	94.51179	98.18798	26.1094	17.08961	56.80099	39.22689	17.57411	30.49598	10
1707.345	1707.961	1039.961	95.5	59.73516	96.13548	97.67247	32.75909	14.00268	53.23823	36.49466	16.74357	31.14729	10
1707.35	1707.966	1039.966	93.11	60.5611	94.15042	97.1984	31.61978	14.07255	54.30767	23.30157	31.0061	30.8216	10
1707.355	1707.971	1039.971	92.79	43.90953	93.55129	96.33294	38.10707	11.27608	50.61685	18.08547	32.53138	31.42618	10
1707.36	1707.976	1039.976	90.71	49.67488	90.92798	93.3258	42.83611	7.670323	49.49357	30.11293	19.38064	31.91779	10
1707.365	1707.981	1039.981	90.5	66.30601	91.48748	92.31523	33.04095	12.02411	54.93494	28.08454	26.8504	31.28397	10
1707.37	1707.986	1039.986	89.92	91.51244	91.35466	92.80382	24.00896	15.23631	60.75474	42.92739	17.82735	30.82271	10
1707.375	1707.991	1039.991	91.09	103.0645	92.82158	92.74883	17.83583	18.44606	63.71811	49.19476	14.52335	31.19596	10
1707.38	1707.996	1039.996	91.85	101.8619	93.32369	94.78278	19.42636	17.85336	62.72028	38.81537	23.90492	30.83189	10
1707.385	1708.001	1040.001	91.86	99.48867	93.33385	95.71243	19.99024	17.70344	62.30632	38.545	23.76132	30.6559	10
1707.39	1708.006	1040.006	93.17	93.27277	94.29871	95.35413	22.96408	16.78591	60.25001	43.4806	16.76941	30.84645	10
1707.395	1708.011	1040.011	94.46	77.12549	95.74106	96.19753	24.50419	17.76348	57.73233	27.67074	30.06159	30.98532	10
1707.4	1708.016	1040.016	96.06	93.27822	97.89648	101.6139	14.81871	23.92499	61.25629	36.25319	25.0031	30.43508	10
1707.405	1708.021	1040.021	97.9	91.86176	99.74858	100.4791	13.37499	26.3804	60.24461	48.73713	11.50748	30.90887	10
1707.41	1708.026	1040.026	100.44	83.63583	101.7638	103.7644	17.09622	25.68472	57.21906	42.14617	15.07289	30.37393	10
1707.415	1708.031	1040.031	102.64	76.62742	103.3829	104.3077	21.26997	23.7171	55.01293	28.48672	26.52621	30.47588	10
1707.42	1708.036	1040.036	100.53	79.43741	101.3726	101.0567	21.75809	21.97495	56.26696	43.74969	12.51727	30.84991	10
1707.425	1708.041	1040.041	101.32	80.11024	101.9539	103.8707	22.48612	21.43599	56.07789	32.29808	23.77981	30.4383	10
1707.43	1708.045	1040.045	104.71	76.26065	105.3363	107.0623	20.3581	25.54658	54.09532	32.57309	21.52223	30.16304	10
1707.435	1708.05	1040.05	105.85	84.01203	107.1077	107.1691	12.53956	33.77704	53.6834	45.01635	8.667047	30.1993	10
1707.44	1708.055	1040.055	108.99	91.31358	109.3003	109.6726	15.22655	29.88518	54.88827	32.65068	22.23759	30.14887	10
1707.445	1708.06	1040.06	109.29	96.47445	109.5229	109.4919	14.30119	29.86289	55.83592	43.65512	12.1808	30.28143	10
1707.45	1708.065	1040.065	110.52	82.57771	110.598	110.2081	17.73341	29.11345	53.15313	39.18169	13.97144	30.16051	10
1707.455	1708.07	1040.07	110.25	82.41198	110.4993	108.2089	16.69428	30.64359	52.66214	34.91197	17.75017	30.42487	10
1707.46	1708.075	1040.075	110.68	88.97864	111.1326	111.6008	13.13405	34.20978	52.65617	40.44514	12.21103	29.7897	10
1707.465	1708.08	1040.08	112.47	79.69349	113.2867	114.1505	10.91229	41.74913	47.33857	28.87698	18.46159	29.00811	10
1707.47	1708.085	1040.085	114.07	92.76194	114.1016	112.5851	12.36236	35.28636	52.35128	47.27583	5.075445	29.941	10
1707.475	1708.09	1040.09	115.02	101.9378	115.971	116.4148	2.142632	51.31003	46.54733	46.54733	0	-9999	10
1707.48	1708.095	1040.095	112.03	82.3453	113.0807	116.2954	8.862119	44.01015	47.12773	37.34345	9.78428	28.57759	10
1707.485	1708.1	1040.1	113.68	89.16396	114.2637	118.5232	9.313027	41.8979	48.78907	41.63212	7.156947	28.45587	10
1707.49	1708.105	1040.105	115.22	108.4289	115.6641	116.9331	4.315791	44.62242	51.06179	51.06179	0	-9999	10
1707.495	1708.11	1040.11	113.06	119.373	113.4378	113.3748	4.168893	39.83661	55.9945	51.18593	4.808571	-9999	10
1707.5	1708.115	1040.115	114.84	135.7944	115.2677	115.7905	0	45.37728	54.62272	54.62272	0	-9999	10
1707.505	1708.12	1040.12	118.14	130.9477	118.2201	117.4348	0	47.04126	52.95874	52.95874	0	-9999	10
1707.51	1708.125	1040.125	119.05	134.4771	118.9535	115.4483	0	46.31282	53.68718	53.68718	0	-9999	10
1707.515	1708.13	1040.13	119.63	131.5006	119.8073	120.1618	0	52.42886	47.57114	47.57114	0	-9999	10
1707.52	1708.135	1040.135	121.24	144.7111	122.2448	122.2772	0	74.43643	25.56357	25.56357	0	-9999	10
1707.525	1708.14	1040.14	123.39	133.7825	123.7492	120.9082	0	67.29141	32.70859	32.70859	0	-9999	10
1707.53	1708.145	1040.145	123.58	132.1375	124.3642	123.4656	0	77.49867	22.50133	22.50133	0	-9999	10
1707.535	1708.15	1040.15	122.72	129.0831	123.2087	121.6124	0	67.59636	32.40364	32.40364	0	-9999	10
1707.54	1708.155	1040.155	123.43	137.8559	123.8872	124.0015	0	69.89752	30.10248	30.10248	0	-9999	10
1707.545	1708.16	1040.16	122.68	164.2908	122.9569	120.3997	0	65.26882	34.73118	34.73118	0	-9999	10
1707.55	1708.165	1040.165	122.67	136.1438	123.0772	125.5853	0	66.14215	33.85785	33.85785	0	-9999	10
1707.555	1708.169	1040.169	121.33	124.8019	122.3026	123.6318	0	72.75053	27.24947	27.24947	0	-9999	10
1707.56	1708.174	1040.174	123.37	123.7399	124.1699	127.4023	0	76.49034	23.50966	23.50966	0	-9999	10
1707.565	1708.179	1040.179	124.14	136.9871	124.7294	124.7622	0	75.40892	24.59108	24.59108	0	-9999	10
1707.57	1708.184	1040.184	119.55	170.6387	120.9352	120.5487	0	77.61078	22.38922	22.38922	0	-9999	10
1707.575	1708.189	1040.189	121.47	170.0981	122.7027	124.2436	0	81.79404	18.20596	18.20596	0	-9999	10
1707.58	1708.194	1040.194	123.92	157.6668	125.1631	129.8739	0	91.41029	8.589709	8.589709	0	-9999	10
1707.585	1708.199	1040.199	122.24	176.6995	124.354	126.4193	0	100	0	0	0	-9999	10
1707.59	1708.204	1040.204	121.55	167.965	123.0911	124.843	0	88.57736	11.42264	11.42264	0	-9999	10
1707.595	1708.209	1040.209	119.73	140.3527	120.7455	121.3096	0	69.06308	30.93692	30.93692	0	-9999	10
1707.6	1708.214	1040.214	117.97	117.9052	119.1233	119.1553	0	64.2879	35.7121	35.7121	0	-9999	10
1707.605	1708.219	1040.219	116.79	135.8831	118.1936	121.0328	0	66.02533	33.97467	33.97467	0	-9999	10
1707.61	1708.224	1040.224	119.35	127.0771	120.7664	121.5712	0	74.53259	25.46741	25.46741	0	-9999	10
1707.615	1708.229	1040.229	119.27	142.7549	120.9437	121.33	0	80.25861	19.74139	19.74139	0	-9999	10
1707.62	1708.234	1040.234	120.75	172.3646	122.9343	123.7918	0	99.10518	0.894819	0.894819	0	-9999	10

1707.625	1708.239	1040.239	121.02	147.7221	122.5421	126.4444	0	84.58184	15.41816	15.41816	0	-9999	10
1707.63	1708.244	1040.244	115.87	141.4944	117.4599	120.894	0	66.51142	33.48858	33.48858	0	-9999	10
1707.635	1708.249	1040.249	115.76	124.0097	116.9837	118.414	0	59.09005	40.90995	40.90995	0	-9999	10
1707.64	1708.254	1040.254	118.46	117.6716	119.1499	118.46	0	57.54892	42.45108	42.45108	0	-9999	10
1707.645	1708.259	1040.259	115.36	135.2372	115.8679	116.7091	0	47.70934	52.29066	52.29066	0	-9999	10
1707.65	1708.264	1040.264	110.64	127.435	111.1238	111.5919	3.622819	37.10333	59.27385	59.27385	0	-9999	10
1707.655	1708.269	1040.269	109.57	147.6765	110.5375	109.4625	0	42.08192	57.91808	57.91808	0	-9999	10
1707.66	1708.274	1040.274	71.73	121.36	72.31	75.47	40.14428	5.57224	54.28348	21.2738	33.00968	29.64237	10
1707.665	1708.279	1040.279	68.47	120.07	69.23	73.68	42.06066	4.937984	53.00136	32.03523	20.96612	29.33739	10
1707.67	1708.284	1040.284	67.79	103.59	67.91	69.44	51.63442	2.773571	45.59201	27.70663	17.88538	30.96085	10
1707.675	1708.289	1040.289	68.83	109.16	69.03	70.61	48.70968	3.466985	47.82334	20.57716	27.24618	30.59222	10
1707.68	1708.293	1040.293	69.23	133.4	68.66	65.12	48.4431	4.070089	47.48681	18.10754	29.37927	30.9605	10
1707.685	1708.298	1040.298	71.64	193.5	70.91	70.41	32.9217	8.263878	58.81442	37.96146	20.85297	28.59545	10
1707.69	1708.303	1040.303	70.24	184.44	70.47	68.82	28.96222	8.894421	62.14336	39.9023	22.24106	29.04584	10
1707.695	1708.308	1040.308	72.54	184.06	73.33	74.7	22.59818	10.40192	66.9999	34.46607	32.53382	29.01979	10
1707.7	1708.313	1040.313	69.23	183.42	70.22	73.61	24.24826	9.752749	65.99899	35.30707	30.69192	28.36637	10
1707.705	1708.318	1040.318	66.02	166.29	67.61	70.38	26.69692	8.597174	64.70591	27.85321	36.8527	28.55865	10
1707.71	1708.323	1040.323	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1708.015	1708.627	1040.627	108.35	126.4133	108.7215	109.6192	6.846958	31.89914	61.2539	61.2539	0	-9999	10
1708.02	1708.633	1040.633	109.71	122.0424	110.7831	111.3742	1.215643	41.86444	56.91992	56.91992	0	-9999	10
1708.025	1708.638	1040.638	113.33	81.84409	114.1026	113.4877	9.94278	43.23443	46.82279	40.66346	6.159321	29.15145	10
1708.03	1708.643	1040.643	123.41	114.7642	124.4715	130.3995	0	82.05407	17.94593	17.94593	0	-9999	10
1708.035	1708.649	1040.649	129.63	88.1407	130.0472	128.8956	0	90.24573	9.754268	9.754268	0	-9999	10
1708.04	1708.654	1040.654	129.09	96.15088	129.6396	129.2732	0	92.28334	7.716657	7.716657	0	-9999	10
1708.045	1708.66	1040.66	131.29	110.3418	132.3472	136.945	0	100	0	0	0	-9999	10
1708.05	1708.665	1040.665	134.3	105.4091	135.3853	137.1827	0	100	0	0	0	-9999	10
1708.055	1708.67	1040.67	126.71	98.79009	127.3047	126.297	0	83.14124	16.85876	16.85876	0	-9999	10
1708.06	1708.676	1040.676	129.44	77.6199	129.9069	129.8903	0	90.17089	9.829112	9.829112	0	-9999	10
1708.065	1708.681	1040.681	130.07	77.95084	130.187	131.1061	0.564866	82.28803	17.1471	17.1471	0	-9999	10
1708.07	1708.687	1040.687	126.36	102.4604	127.2839	127.2839	0	90.62526	9.374738	9.374738	0	-9999	10
1708.075	1708.692	1040.692	124.91	119.0362	125.9605	128.6688	0	88.47853	11.52147	11.52147	0	-9999	10
1708.08	1708.698	1040.698	126.46	136.7214	127.9782	130.8827	0	100	0	0	0	-9999	10
1708.085	1708.703	1040.703	125.02	135.3952	126.2679	127.2695	0	95.04691	4.953091	4.953091	0	-9999	10
1708.09	1708.708	1040.708	124.81	125.5371	126.0898	125.5647	0	94.20005	5.799954	5.799954	0	-9999	10
1708.095	1708.714	1040.714	125.3	125.1711	125.7931	127.5354	0	76.6515	23.3485	23.3485	0	-9999	10
1708.1	1708.719	1040.719	126.96	124.0119	128.1337	130.8283	0	100	0	0	0	-9999	10
1708.105	1708.725	1040.725	126.78	105.6642	127.7878	128.4816	0	95.0752	4.924802	4.924802	0	-9999	10
1708.11	1708.73	1040.73	125.49	99.12226	126.3123	128.3189	0	83.91114	16.08886	16.08886	0	-9999	10
1708.115	1708.735	1040.735	126.2	97.86123	126.1176	127.2223	0.852497	63.63402	35.51348	35.51348	0	-9999	10
1708.12	1708.741	1040.741	129.45	112.1133	129.7669	130.1338	0	88.00038	11.99962	11.99962	0	-9999	10
1708.125	1708.746	1040.746	129.8	124.7265	130.2007	128.1303	0	92.99331	7.006694	7.006694	0	-9999	10
1708.13	1708.752	1040.752	125.78	116.8738	126.1916	127.4266	0	75.88207	24.11793	24.11793	0	-9999	10
1708.135	1708.757	1040.757	124.76	115.8512	126.138	130.4525	0	95.7791	4.220898	4.220898	0	-9999	10
1708.14	1708.762	1040.762	123.08	124.5972	123.9934	122.134	0	78.01015	21.98985	21.98985	0	-9999	10
1708.145	1708.768	1040.768	122.64	119.8003	123.5682	124.6919	0	76.32598	23.67402	23.67402	0	-9999	10
1708.15	1708.773	1040.773	123.9	100.8524	124.7832	127.1222	0	78.94547	21.05453	21.05453	0	-9999	10
1708.155	1708.779	1040.779	123.85	121.4667	125.3709	129.0343	0	95.33922	4.660784	4.660784	0	-9999	10
1708.16	1708.784	1040.784	126.51	140.5766	128.6889	131.9903	0	100	0	0	0	-9999	10
1708.165	1708.79	1040.79	126.04	120.4849	127.5725	130.9669	0	100	0	0	0	-9999	10
1708.17	1708.795	1040.795	124.11	131.203	125.0758	127.7767	0	83.80559	16.19441	16.19441	0	-9999	10
1708.175	1708.8	1040.8	90.72	102.1781	91.98017	95.73688	22.04422	15.85293	62.10284	37.20106	24.90178	30.33737	10
1708.18	1708.806	1040.806	76.05	96.6	77.02	80.11	39.1393	6.032084	54.82862	28.71681	26.11181	30.34109	10
1708.185	1708.811	1040.811	75.29	91.98	76.25	78.49	41.03404	5.419368	53.54659	21.39663	32.14996	30.64602	10
1708.19	1708.817	1040.817	74.54	81.62	75.17	77.86	46.78866	3.79972	49.41162	21.09404	28.31759	31.14297	10
1708.195	1708.822	1040.822	75.54	63.76	76.33	77.5	48.95078	3.2491	47.80012	16.65434	31.14578	32.04864	10
1708.2	1708.827	1040.827	75.69	71.28	76.59	78.24	46.14044	4.040801	49.81876	32.04441	17.77435	31.54386	10
1708.205	1708.833	1040.833	77.16	81.81	77.88	80.67	43.63478	4.895399	51.46982	27.91332	23.5565	30.98613	10
1708.21	1708.838	1040.838	77.62	96.1	78.48	79.89	38.6684	6.355559	54.97604	29.4677	25.50834	30.70405	10
1708.215	1708.844	1040.844	78.97	76.15	79.86	81.86	42.0218	5.633016	52.34518	19.78989	32.55529	31.19759	10
1708.22	1708.849	1040.849	79.1	84.05	79.57	79.84	43.2454	5.180602	51.574	29.60474	21.96926	31.4627	10
1708.225	1708.854	1040.854	80.07	88.45	80.7	81.33	40.0482	6.264271	53.68753	25.9348	27.75273	31.14921	10
1708.23	1708.86	1040.86	79.68	100.49	80.41	81.33	36.71832	7.171965	56.10972	38.85853	17.25119	30.72149	10
1708.235	1708.865	1040.865	79.66	107.23	80.37	82.51	35.26064	7.567447	57.17191	39.30178	17.87013	30.33576	10
1708.24	1708.871	1040.871	79.75	105.76	80.8	81.35	32.89858	8.385126	58.71629	37.22402	21.49227	30.62548	10
1708.245	1708.876	1040.876	79.76	112.19	80.45	80.19	34.12332	7.892712	57.98397	22.96911	35.01486	30.67344	10
1708.25	1708.882	1040.882	80.34	119.45	81.25	81.68	30.1278	9.211245	60.66096	27.00586	33.65509	30.43287	10
1708.255	1708.887	1040.887	80.49	102.53	81.41	82.05	34.00694	8.1649	57.82816	24.91452	32.91364	30.70061	10
1708.26	1708.892	1040.892	79.65	95.72	80.29	78.86	38.59776	6.608061	54.79418	26.93197	27.8622	31.31092	10
1708.265	1708.898	1040.898	80.56	110.01	80.88	81.55	36.78238	7.107134	56.11049	28.57126	27.53922	30.63557	10
1708.27	1708.903	1040.903	80.3	103.11	80.66	79.72	38.38138	6.645674	54.97295	31.90452	23.06843	31.10525	10
1708.275	1708.909	1040.909	79.32	96.29	79.61	79.86	41.47592	5.645462	52.87862	35.56588	17.31274	31.12902	10
1708.28	1708.914	1040.914	74.1	67.63	74.12	75.06	55.30654	1.561666	43.13179	30.30699	12.8248	32.72775	10
1708.285	1708.919	1040.919	71.95	52.68	72.07	73	60.12744	0.21142	39.66114	20.22219	19.43895	33.70028	10

1708.29	1708.925	1040.925	72.65	58.61	72.88	73.74	57.19588	0.97009	41.83403	25.3072	16.52683	33.14006	10
1708.295	1708.93	1040.93	72.4	51.37	72.39	71.21	61.03796	0.005525	38.95652	19.60643	19.35009	34.30631	10
1708.3	1708.936	1040.936	70.05	55.35	70.07	69.94	62.0043	0	37.9957	24.69835	13.29735	33.80099	10
1708.305	1708.941	1040.941	71.2	47.38	71.29	71.35	62.33254	0	37.66746	25.38592	12.28154	33.82593	10
1708.31	1708.946	1040.946	72.53	55.71	72.47	72.02	60.25558	0.24197	39.50245	10.38307	29.11938	33.94317	10
1708.315	1708.952	1040.952	71.78	68.56	71.13	69.78	62.40838	0	37.59162	14.44121	23.15041	34.13368	10
1708.32	1708.957	1040.957	72.04	75.7	71.68	71.04	58.1938	0.983135	40.82307	13.30132	27.52175	33.15282	10
1708.325	1708.963	1040.963	112.23	86.44421	111.9049	113.3291	18.34827	27.15985	54.49188	29.09761	25.39428	29.93546	10
1708.33	1708.968	1040.968	114.13	81.87436	113.7666	112.2339	18.00332	29.25351	52.74318	40.0708	12.67237	30.20444	10
1708.335	1708.974	1040.974	112.22	82.1202	111.7178	108.5165	20.77635	24.67631	54.54734	30.16748	24.37986	30.95258	10
1708.34	1708.979	1040.979	111.52	89.97657	111.6296	111.7235	14.77803	31.6146	53.60736	26.56429	27.04307	29.95471	10
1708.345	1708.984	1040.984	107.89	80.48297	108.2917	109.1724	18.15107	28.39708	53.45185	40.84469	12.60716	30.05512	10
1708.35	1708.99	1040.99	110.78	87.0991	111.1391	111.9977	14.22165	33.14992	52.62844	26.84509	25.78334	29.72654	10
1708.355	1708.995	1040.995	105.55	82.27792	105.504	103.3131	23.33897	21.03828	55.62275	33.92912	21.69363	31.14768	10
1708.36	1709.001	1041.001	106.27	70.03693	106.1317	107.5296	26.35412	20.21665	53.42923	38.2239	15.20533	30.55037	10
1708.365	1709.006	1041.006	104.65	77.06558	103.7031	102.7409	32.41076	12.09834	55.49089	39.5008	15.99009	31.76745	10
1708.37	1709.011	1041.011	105.18	86.55854	104.5221	105.3942	27.38634	15.58935	57.02431	33.72397	23.30034	31.0058	10
1708.375	1709.017	1041.017	105.74	67.44765	104.9888	106.7825	32.21893	13.98588	53.79519	27.64628	26.1489	31.14422	10
1708.38	1709.022	1041.022	105.92	57.39095	104.9535	106.0734	36.15564	11.57565	52.26871	19.50162	32.76709	31.71458	10
1708.385	1709.028	1041.028	105.86	66.108	105.3999	106.1514	30.17665	16.57928	53.24406	20.60028	32.64379	31.05066	10
1708.39	1709.033	1041.033	106.87	75.20237	106.4543	105.9925	26.70197	18.65301	54.64502	23.71744	30.92759	31.02064	10
1708.395	1709.038	1041.038	107.81	86.6997	106.9605	105.7866	26.41714	16.23597	57.34689	42.21183	15.13507	31.35276	10
1708.4	1709.044	1041.044	110.54	96.29816	109.6196	107.732	22.13204	18.7901	59.07786	38.32641	20.75145	31.29049	10
1708.405	1709.049	1041.049	108.69	73.07254	108.535	107.6363	23.5226	23.26836	53.20905	36.9998	16.20925	30.67719	10
1708.41	1709.055	1041.055	105.39	66.09342	104.7928	104.7009	31.67521	14.92002	53.40477	35.48079	17.92398	31.39141	10
1708.415	1709.06	1041.06	107	72.25328	105.9988	103.5499	31.83363	13.13149	55.03487	39.58829	15.44658	31.99497	10
1708.42	1709.066	1041.066	115.77	131.7145	115.77	115.4361	1.616695	40.72652	57.65679	57.65679	0	-9999	11
1708.425	1709.071	1041.071	116.99	143.4694	117.1337	115.0104	0	46.32273	53.67727	53.67727	0	-9999	11
1708.43	1709.076	1041.076	111.89	136.1476	111.1688	109.1935	9.702491	25.25723	65.04028	56.64282	8.397464	31.45542	11
1708.435	1709.082	1041.082	111.75	142.2571	112.3297	111.8283	0	41.39529	58.60471	58.60471	0	-9999	11
1708.44	1709.087	1041.087	115.49	129.9928	115.4424	115.2201	2.660084	39.35338	57.98653	57.98653	0	-9999	11
1708.445	1709.093	1041.093	115.23	108.6435	115.1348	115.9597	8.434304	36.72287	54.84283	50.17939	4.663436	29.6932	11
1708.45	1709.098	1041.098	115.72	92.65126	115.5611	115.2909	12.34757	35.62396	52.02847	38.52871	13.49976	29.57634	11
1708.455	1709.103	1041.103	114.09	98.96621	113.3633	114.4849	16.71921	25.47255	57.80824	39.28127	18.52697	30.21549	11
1708.46	1709.109	1041.109	112.3	118.3768	112.2686	113.0693	8.280154	33.08574	58.63411	46.99057	11.64353	30.26432	11
1708.465	1709.114	1041.114	114.24	100.5484	113.8764	111.2998	13.38415	30.68695	55.92889	29.85231	26.07659	30.55307	11
1708.47	1709.12	1041.12	111.99	108.0364	110.9551	109.7006	18.84496	19.75503	61.40001	33.22382	28.17619	31.18503	11
1708.475	1709.125	1041.125	109.86	98.66409	109.2842	105.0517	19.51418	21.97416	58.51165	32.37498	26.13668	31.49745	11
1708.48	1709.131	1041.131	112	99.80811	111.9843	111.4825	12.92797	31.53449	55.53754	31.0293	24.50823	30.20244	11
1708.485	1709.136	1041.136	111.27	83.53228	110.4568	112.0989	23.71922	19.91084	56.36994	41.68205	14.6879	30.49845	11
1708.49	1709.141	1041.141	111.95	88.07787	112.2635	115.0541	13.26121	34.76763	51.97116	37.63965	14.33151	29.22038	11
1708.495	1709.147	1041.147	109.34	64.74887	109.6662	111.9027	21.21026	28.82724	49.9625	26.78155	23.18096	29.59671	11
1708.5	1709.152	1041.152	107.31	82.00888	107.4193	106.7479	20.58163	24.70714	54.71123	29.87403	24.83719	30.59109	11
1708.505	1709.158	1041.158	107.32	102.6692	108.0447	109.7409	10.8031	32.28813	56.90877	49.98687	6.921897	30.10297	11
1708.51	1709.163	1041.163	124.1	206.4221	125.9421	129.663	0	100	0	0	0	-9999	11
1708.515	1709.168	1041.168	108.62	124.7905	109.2077	106.9047	5.316004	34.53687	60.14713	49.69466	10.45247	-9999	11
1708.52	1709.174	1041.174	134.03	232.1241	135.137	139.1022	0	100	0	0	0	-9999	11
1708.525	1709.179	1041.179	112.04	163.4152	111.8926	113.6284	0	34.26233	65.73767	65.73767	0	-9999	11
1708.53	1709.185	1041.185	107.49	108.0612	108.1072	108.3387	10.17489	31.83562	57.98948	44.52557	13.46391	30.46916	11
1708.535	1709.19	1041.19	111.76	100.6482	112.512	114.5642	6.99625	40.79022	52.21353	45.40371	6.809823	-9999	11
1708.54	1709.195	1041.195	113.09	85.30008	113.7826	116.6319	9.946585	41.83586	48.21756	31.35206	16.8655	28.68254	11
1708.545	1709.201	1041.201	111.78	79.99353	111.8583	112.6888	17.19681	30.99435	51.80884	22.85268	28.95617	29.71224	11
1708.55	1709.206	1041.206	111.14	100.6088	111.1087	110.8742	13.6462	30.02304	56.33076	32.2799	24.05086	30.282	11
1708.555	1709.212	1041.212	110.01	110.719	109.5896	107.0208	15.2546	24.66659	60.07881	45.78601	14.2928	31.1575	11
1708.56	1709.217	1041.217	110.17	94.27829	110.2479	107.8641	15.22451	29.35517	55.42032	41.4529	13.96742	30.65965	11
1708.565	1709.223	1041.223	110.85	75.47112	111.5996	110.1004	13.94444	37.19428	48.86129	40.88044	7.980846	29.75512	11
1708.57	1709.228	1041.228	113	73.72038	113.535	112.5909	14.05324	38.73541	47.21135	26.65337	20.55799	29.34706	11
1708.575	1709.233	1041.233	110.37	76.3929	110.0426	109.8244	22.50962	23.85138	53.63899	30.2415	23.39749	30.47792	10
1708.58	1709.239	1041.239	109.39	78.11344	109.5453	108.3337	19.25387	27.92717	52.81896	34.0069	18.81206	30.38566	10
1708.585	1709.244	1041.244	109.4	75.40552	109.835	110.4564	17.73269	30.85309	51.41422	41.17387	10.24035	29.83227	10
1708.59	1709.25	1041.25	117.68	81.03076	118.3201	118.2241	7.164283	52.02254	40.81317	29.06018	11.753	-9999	10
1708.595	1709.255	1041.255	116.95	76.32129	117.4767	120.1099	9.854647	47.89267	42.25268	32.89544	9.357242	27.71796	10
1708.6	1709.26	1041.26	118.53	82.74088	119.1399	123.3611	6.202352	53.97066	39.82699	31.92095	7.906038	-9999	10
1708.605	1709.266	1041.266	118.42	93.26274	119.2222	120.4255	2.267006	57.78011	39.95288	39.95288	0	-9999	10
1708.61	1709.271	1041.271	118.33	89.23127	118.8272	116.4535	5.689249	51.87378	42.43697	41.75308	0.683889	-9999	10
1708.615	1709.277	1041.277	118.35	84.2434	119.1039	119.7616	4.888188	56.10775	39.00406	34.48673	4.51733	-9999	10
1708.62	1709.282	1041.282	116.03	89.11473	116.5868	116.6504	7.3717	46.94471	45.68359	33.62904	12.05455	-9999	10
1708.625	1709.287	1041.287	115.89	90.31717	116.9394	115.6992	3.391953	54.41608	42.19196	42.19196	0	-9999	10
1708.63	1709.293	1041.293	110.97	81.81366	111.2512	112.2355	15.92929	32.19715	51.87356	43.28792	8.585643	29.66882	10
1708.635	1709.298	1041.298	118.49	80.15147	118.9233	121.2504	8.234284	50.57107	41.19464	31.56762	9.627023	27.49296	10
1708.64	1709.304	1041.304	118.31	83.28892	118.9193	121.1483	6.276423	53.38108	40.34249	31.48581	8.856679	-9999	10
1708.645	1709.309	1041.309	119.85	83.9761	120.7853	122.9946	2.167052	64.11751	33.71543	33.71543	0	-9999	10
1708.65	1709.315	1041.315	119.64	73.27336	120.494	123.7488	5.580579	61.1543	33.26512	23.15716	10.10796	-9999	10

1708.655	1709.32	1041.32	121.86	97.17219	122.9807	125.4169	0	75.99874	24.00126	24.00126	0	-9999	10
1708.66	1709.325	1041.325	126.39	122.8329	126.72	126.621	0	76.51807	23.48193	23.48193	0	-9999	10
1708.665	1709.331	1041.331	127.31	117.2135	127.7569	130.5379	0	82.90904	17.09096	17.09096	0	-9999	10
1708.67	1709.336	1041.336	121.47	110.2073	122.5731	128.0561	0	75.01297	24.98703	24.98703	0	-9999	10
1708.675	1709.342	1041.342	106.28	101.9185	106.7411	107.5557	13.98471	28.01478	58.00051	38.91836	19.08214	30.39949	10
1708.68	1709.347	1041.347	104.2	94.9585	104.4288	105.3286	19.38303	22.68085	57.93612	38.57099	19.36514	30.54959	10
1708.685	1709.352	1041.352	106.26	95.56023	106.5058	107.4582	17.21032	25.51511	57.27457	40.84746	16.42712	30.37934	10
1708.69	1709.358	1041.358	107.57	75.29345	107.8788	108.4501	20.4214	26.61461	52.964	31.46983	21.49417	30.19094	10
1708.695	1709.363	1041.363	101.8	53.93653	102.1025	101.4521	30.94713	17.72402	51.32885	34.13371	17.19514	31.27524	10
1708.7	1709.369	1041.369	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1709.045	1709.742	1041.742	107.5991	103.6758	107.6763	106.9508	15.32114	26.24391	58.43495	46.64158	11.79337	30.70482	10
1709.05	1709.748	1041.748	109.84	176.7375	107.3037	106.5101	15.83324	7.003404	77.16336	48.44173	28.72162	32.40314	10
1709.055	1709.753	1041.753	97.45979	117.3849	95.0918	93.73654	40.28174	2.471989	57.24627	20.72465	36.52162	32.32988	10
1709.06	1709.758	1041.758	95.72436	54.69039	95.72436	96.47857	38.69851	10.31297	50.98852	18.11677	32.87175	31.82507	10
1709.065	1709.764	1041.764	101.43	63.28692	101.5961	104.1322	30.08203	16.94039	52.97758	36.79885	16.17873	30.68145	10
1709.07	1709.769	1041.769	99.2	47.19634	99.66425	101.5662	33.71654	15.65629	50.62718	18.05383	32.57334	31.08813	10
1709.075	1709.775	1041.775	95.00273	70.4102	96.15302	99.92836	26.64342	17.13835	56.21823	25.88121	30.33701	30.40016	10
1709.08	1709.78	1041.78	93.80469	61.56463	94.42183	95.8912	34.01824	12.57105	53.41071	31.29658	22.11413	31.23426	10
1709.085	1709.785	1041.785	98.75971	48.16624	98.65505	100.9427	38.29599	11.6005	50.10351	21.23561	28.8679	31.54131	10
1709.09	1709.791	1041.791	97.11486	43.75931	96.99596	99.32945	40.98608	9.928738	49.08518	28.40397	20.68121	31.85129	10
1709.095	1709.796	1041.796	98.21492	39.99475	98.34924	101.0505	38.92259	12.09968	48.97773	22.72631	26.25142	31.52374	10
1709.1	1709.802	1041.802	96.01038	43.72991	96.30653	97.55034	38.79268	11.44859	49.75873	32.12676	17.63197	31.76903	10
1709.105	1709.807	1041.807	94.71474	34.07484	95.18632	95.82001	40.96155	10.69741	48.34103	17.68138	30.65965	32.15553	10
1709.11	1709.812	1041.812	97.37024	34.79099	97.87614	98.60522	38.07926	13.28408	48.63666	32.12399	16.51267	31.77956	10
1709.115	1709.818	1041.818	97.34	44.33972	97.71192	98.61942	36.83458	13.0833	50.08213	30.47935	19.60278	31.61253	10
1709.12	1709.823	1041.823	97.63022	38.64222	98.15143	99.11939	36.7894	13.88686	49.32374	25.81634	23.5074	31.58796	10
1709.125	1709.829	1041.829	95.12	32.3351	95.60711	95.07572	40.88938	11.00053	48.1101	26.72977	21.38033	32.36685	10
1709.13	1709.834	1041.834	92.63463	30.69831	92.88333	93.05889	45.4197	7.78012	46.80018	16.86432	29.93586	32.81794	10
1709.135	1709.84	1041.84	88.36764	37.27029	88.69909	89.82314	47.11362	5.909769	46.97662	28.44063	18.53598	32.72049	10
1709.14	1709.845	1041.845	91.30279	36.1942	91.50659	92.54015	45.66298	7.067711	47.26931	32.01893	15.25038	32.62712	10
1709.145	1709.85	1041.85	90.65906	36.61066	90.58641	89.72922	48.29687	5.511589	46.19154	28.02429	18.16724	33.32673	10
1709.15	1709.856	1041.856	85.65139	27.82368	85.48006	84.85184	55.79521	2.146971	42.05782	16.30258	25.75524	34.40862	10
1709.155	1709.861	1041.861	85.54855	29.28451	85.61992	85.44863	53.65534	3.003872	43.34079	19.26147	24.07932	33.9323	10
1709.16	1709.867	1041.867	84.01	27.26987	84.27981	84.50702	54.02047	2.812388	43.16714	24.06573	19.10141	33.88757	10
1709.165	1709.872	1041.872	82.56827	39.02487	82.46933	82.90747	55.35992	1.926646	42.71343	21.14186	21.57157	33.81995	10
1709.17	1709.877	1041.877	83.01415	55.32188	83.80679	84.98158	44.09618	5.834509	50.06931	28.85415	21.21516	31.98748	10
1709.175	1709.883	1041.883	84.54462	57.84746	84.98569	86.18087	44.80151	5.6678	49.53069	25.46519	24.0655	32.06111	10
1709.18	1709.888	1041.888	83.02505	46.1502	83.1383	83.67623	51.57093	3.194872	45.2342	16.40822	28.82598	33.12484	10
1709.185	1709.894	1041.894	85.70973	46.7227	86.19397	86.8144	46.08733	5.649788	48.26289	18.97321	29.28968	32.49719	11
1709.19	1709.899	1041.899	103.5948	53.63568	103.9428	104.9345	29.01608	20.15419	50.82973	26.3458	24.48393	30.71784	11
1709.195	1709.904	1041.904	118.0636	69.81305	118.4567	119.5237	11.44014	48.06175	40.49811	20.21531	20.28279	27.71237	11
1709.2	1709.91	1041.91	122.7234	96.49939	123.3935	124.8486	0	69.37126	30.62874	30.62874	0	-9999	11
1709.205	1709.915	1041.915	124.8213	101.3622	124.7053	122.8496	1.533623	58.7521	39.71427	39.71427	0	-9999	11
1709.21	1709.921	1041.921	125.1487	118.3776	125.1294	124.6261	0	63.1963	36.8037	36.8037	0	-9999	11
1709.215	1709.926	1041.926	130.6993	107.7385	130.7787	128.2397	0	85.82087	14.17913	14.17913	0	-9999	11
1709.22	1709.932	1041.932	126.791	108.4482	126.4984	128.0782	0	60.8861	39.1139	39.1139	0	-9999	11
1709.225	1709.937	1041.937	126.3011	119.7968	125.3475	126.0675	2.202448	43.90241	53.89514	53.89514	0	-9999	11
1709.23	1709.942	1041.942	126.43	116.5063	126.7026	131.2388	0	74.75447	25.24553	25.24553	0	-9999	11
1709.235	1709.948	1041.948	110.428	88.21336	110.3378	109.4901	17.75754	27.42007	54.82239	35.70162	19.12077	30.4012	11
1709.24	1709.953	1041.953	104.8775	83.17915	104.6673	103.8266	25.01219	18.90412	56.08369	40.71296	15.37073	31.04764	11
1709.245	1709.959	1041.959	105.9476	79.26088	106.0533	106.8461	22.52788	22.69926	54.77286	36.32741	18.44545	30.46379	11
1709.25	1709.964	1041.964	107.7078	63.72625	107.2989	106.0187	28.65627	18.86743	52.4763	31.44628	21.03001	31.1835	11
1709.255	1709.969	1041.969	104.625	59.19006	104.835	102.2806	27.79389	20.62437	51.58174	31.22557	20.35617	31.28706	11
1709.26	1709.975	1041.975	110.358	63.12244	110.4121	108.2309	22.77587	27.27158	49.95255	19.50396	30.44859	30.48772	11
1709.265	1709.98	1041.98	106.5	78.76692	105.6695	103.1603	29.39488	14.70666	55.89846	39.12135	16.77711	31.76383	11
1709.27	1709.986	1041.986	104.485	78.78197	103.419	101.2695	33.07007	11.12653	55.80341	38.51301	17.2904	32.07377	11
1709.275	1709.991	1041.991	103.11	86.89803	102.2252	101.375	30.96699	12.12999	56.90302	32.53909	24.36393	31.60971	11
1709.28	1709.997	1041.997	104.4201	103.619	103.2841	102.4278	27.66135	12.19573	60.14292	44.00634	16.13658	31.52316	11
1709.285	1710.002	1042.002	107.1391	75.95748	106.944	106.5894	24.56204	21.1111	54.32686	37.30181	17.02505	30.77407	11
1709.29	1710.007	1042.007	108.3443	58.87722	108.2908	109.1652	26.48988	22.90204	50.60809	25.51149	25.09659	30.38115	11
1709.295	1710.013	1042.013	121.094	66.44676	121.8162	122.0443	6.915863	62.85523	30.22891	20.61026	9.618643	-9999	11
1709.3	1710.018	1042.018	129.24	99.80776	130.0286	131.6257	0	100	0	0	0	-9999	11
1709.305	1710.024	1042.024	120.1821	79.74721	120.5039	122.6426	7.640059	53.11259	39.24735	23.863	15.38435	-9999	11
1709.31	1710.029	1042.029	108.3978	87.61557	108.2015	108.38	20.5924	23.44322	55.96438	31.1044	24.85998	30.51821	11
1709.315	1710.034	1042.034	105.6648	76.89391	106.0167	107.6704	21.4531	24.43516	54.11174	26.24688	27.86486	30.19191	11
1709.32	1710.04	1042.04	104.0653	89.55708	103.7339	99.82665	25.15558	17.48891	57.35551	31.14339	26.21212	31.7062	11
1709.325	1710.045	1042.045	100.7157	86.45263	100.4931	101.4523	28.14568	15.03825	56.81607	30.78851	26.02756	30.96509	11
1709.33	1710.051	1042.051	93.54715	76.23305	92.5123	90.16335	43.50831	5.283291	51.2084	31.99096	19.21744	32.77181	11
1709.335	1710.056	1042.056	99.457	74.13049	99.55899	100.6979	29.76956	15.30313	54.92731	31.84289	23.08443	30.98326	11
1709.34	1710.061	1042.061	100.6957	106.6868	100.3531	101.4496	24.19747	15.55229	60.25024	43.52621	16.72403	30.82855	12
1709.345	1710.067	1042.067	110.23	242.0668	106.7881	104.6437	6.682743	2.612971	90.70429	66.28482	24.41947	-9999	12
1709.35	1710.072	1042.072	98.90434	111.3879	98.39574	96.81911	25.99374	13.42127	60.58498	40.97413	19.61086	31.36596	12
1709.355	1710.078	1042.078	97.34919	69.39465	97.66836	98.91148	31.17162	14.46261	54.36577	33.73656	20.62921	31.05613	12

1709.36	1710.083	1042.083	86.82547	66.05974	87.31378	87.73909	40.34967	7.57195	52.07837	25.53227	26.5461	31.75627	12
1709.365	1710.089	1042.089	81.67	67.73743	82.01986	84.13425	45.75971	4.774836	49.46545	23.97829	25.48716	31.72402	12
1709.37	1710.094	1042.094	82.62531	60.05863	82.87031	82.59469	47.5518	4.353676	48.09453	21.77069	26.32384	32.52062	12
1709.375	1710.099	1042.099	79.51005	58.65872	79.48008	79.94462	52.88761	2.386011	44.72638	14.70936	30.01702	32.93782	12
1709.38	1710.105	1042.105	74.21118	47.44607	74.9605	77.02112	54.43656	1.622126	43.94131	18.91315	25.02816	32.82443	12
1709.385	1710.11	1042.11	75.11293	53.26363	75.05489	75.56271	58.45608	0.698496	40.84542	15.88452	24.9609	33.65263	12
1709.39	1710.116	1042.116	76.44374	55.18903	76.50124	77.56495	55.87041	1.421947	42.70765	26.6419	16.06575	33.16951	10
1709.395	1710.121	1042.121	73.4001	46.75821	73.38636	74.59505	61.26287	0	38.73713	11.28153	27.4556	33.94619	10
1709.4	1710.126	1042.126	70.84087	40.37448	70.25439	68.53588	69.60097	0	30.39903	15.25931	15.13972	33.58109	10
1709.405	1710.132	1042.132	71.27075	42.15768	70.71096	69.33197	68.56712	0	31.43288	9.779217	21.65366	33.59077	10
1709.41	1710.137	1042.137	71.69797	46.11622	70.9598	70.00292	68.59854	0	31.40146	12.29625	19.1052	33.53396	10
1709.415	1710.143	1042.143	70.291	37.96681	69.50091	68.58821	72.26753	0	27.73247	21.07866	6.653809	33.32973	10
1709.42	1710.148	1042.148	72.0731	41.15843	71.38878	72.96272	69.03593	0	30.96407	18.28552	12.67856	33.04838	10
1709.425	1710.153	1042.153	75.33182	51.73785	75.1246	75.27656	59.78013	0.357581	39.86229	24.99826	14.86403	33.9909	10
1709.43	1710.159	1042.159	76.50907	52.32874	75.98229	78.87962	61.03071	0.032082	38.93721	14.20836	24.72885	33.77116	10
1709.435	1710.164	1042.164	77.30101	42.32046	77.06478	77.49555	60.47226	0.162508	39.36523	22.52911	16.83612	34.37358	10
1709.44	1710.17	1042.17	76.90669	46.19258	76.07377	75.69895	64.5224	0	35.4776	18.18373	17.29387	33.93766	10
1709.445	1710.175	1042.175	77.88859	45.01973	77.61012	78.15314	59.60588	0.408854	39.98527	12.39914	27.58613	34.17397	10
1709.45	1710.181	1042.181	74.84203	36.19674	74.45582	72.96615	65.37885	0	34.62115	5.681543	28.93961	34.09174	10
1709.455	1710.186	1042.186	76.04462	56.59854	74.95095	74.25875	64.81804	0	35.18196	10.14472	25.03723	33.81541	10
1709.46	1710.191	1042.191	76.729	53.27142	75.91052	75.75792	62.86086	0	37.13914	26.05395	11.0852	34.05217	10
1709.465	1710.197	1042.197	75.01716	44.421	74.00938	73.2639	68.04459	0	31.95541	19.27424	12.68117	33.57902	10
1709.47	1710.202	1042.202	73.39009	48.73197	72.04399	69.72265	71.12028	0	28.87972	14.8044	14.07532	33.64506	10
1709.475	1710.208	1042.208	73.58502	44.56401	72.87034	73.24142	67.0561	0	32.9439	7.012703	25.9312	33.45453	10
1709.48	1710.213	1042.213	75.63635	51.70399	75.08325	75.69166	62.18872	0	37.81128	16.16443	21.64685	34.01915	10
1709.485	1710.218	1042.218	73.74488	51.54886	72.93329	71.76404	65.96973	0	34.03027	19.63682	14.39345	33.81388	10
1709.49	1710.224	1042.224	73.23013	48.75261	72.24146	68.17693	68.49233	0	31.50767	6.771291	24.73638	34.13522	10
1709.495	1710.229	1042.229	72.66549	42.63154	71.69241	69.21175	70.37226	0	29.62774	8.861954	20.76579	33.73182	10
1709.5	1710.235	1042.235	73.71498	36.57927	73.17882	70.97919	67.48527	0	32.51473	19.26933	13.2454	33.93407	10
1709.505	1710.24	1042.24	74.02484	48.78679	73.158	73.17176	66.80871	0	33.19129	10.13814	23.05315	33.53002	10
1709.51	1710.245	1042.245	74.72448	50.26785	73.63512	72.51818	67.53119	0	32.46881	5.824746	26.64406	33.65639	10
1709.515	1710.251	1042.251	75.67168	43.943	74.95257	72.44955	65.32089	0	34.67911	13.83299	20.84611	34.23167	10
1709.52	1710.256	1042.256	73.66	46.63729	72.64267	72.4777	68.83087	0	31.16913	12.36949	18.79964	33.3957	10
1709.525	1710.262	1042.262	71.81376	39.05037	71.29416	72.23764	68.50803	0	31.49197	19.8348	11.65717	33.1845	10
1709.53	1710.267	1042.267	64.83866	30.63686	64.38167	62.76877	76.47598	0	23.52402	10.83246	12.69156	33.24325	10
1709.535	1710.273	1042.273	60.68345	30.8831	60.45702	60.24391	78.45236	0	21.54764	13.97208	7.575563	32.89018	10
1709.54	1710.278	1042.278	59.4459	33.47329	59.3797	60.65071	77.72227	0	22.27773	16.01409	6.263638	32.50529	10
1709.545	1710.283	1042.283	59.55822	45.40178	59.53175	57.75863	74.42431	0	25.57569	15.46963	10.10606	33.06594	10
1709.55	1710.289	1042.289	63.7859	45.76144	63.50438	63.3301	72.42453	0	27.57547	8.276725	19.29874	32.96774	10
1709.555	1710.294	1042.294	66.02527	48.76267	65.31141	65.20366	72.98859	0	27.01141	7.63479	19.37662	33.1616	10
1709.56	1710.3	1042.3	70.45548	59.77412	69.93763	69.61056	64.72899	0	35.27101	7.434916	27.83609	33.65445	10
1709.565	1710.305	1042.305	72.98256	60.02258	71.87136	73.13347	66.94238	0	33.05762	14.25936	18.79826	33.24906	10
1709.57	1710.31	1042.31	68.7886	69.8059	67.37783	65.42445	70.75493	0	29.24507	22.01962	7.225455	33.79794	10
1709.575	1710.316	1042.316	70.19554	62.0407	69.13362	67.56797	68.63613	0	31.36387	8.177715	23.18616	33.68506	10
1709.58	1710.321	1042.321	69.37567	62.71318	68.42494	68.35703	68.3659	0	31.6341	21.37831	10.25578	33.41247	10
1709.585	1710.327	1042.327	72.97744	51.28742	72.22297	71.13928	66.29632	0	33.70368	12.07186	21.63183	33.75239	10
1709.59	1710.332	1042.332	75.0114	59.35611	74.40424	74.48703	61.3308	0.02921	38.63999	17.06718	21.57281	34.10142	10
1709.595	1710.337	1042.337	76.44386	55.98315	75.931	76.61019	60.09839	0.292576	39.60903	21.83251	17.77653	33.92804	10
1709.6	1710.343	1042.343	74.24246	55.25384	73.76055	73.18225	62.06035	0	37.93965	8.73106	29.20859	34.16304	10
1709.605	1710.348	1042.348	75.23284	47.66267	74.97051	73.87978	61.28446	0	38.71554	10.81363	27.90191	34.5043	10
1709.61	1710.354	1042.354	73.39374	52.36503	72.98164	72.41845	62.99914	0	37.00086	19.45669	17.54417	34.01358	10
1709.615	1710.359	1042.359	72.72371	55.19302	72.42212	72.29874	62.07478	0	37.92522	10.08919	27.83603	33.99252	10
1709.62	1710.365	1042.365	72.3637	49.10597	72.18563	72.65134	62.92177	0	37.07823	20.29133	16.7869	33.77682	10
1709.625	1710.37	1042.37	73.27864	43.37159	73.21	73.89639	62.61968	0	37.38032	12.22432	25.156	33.86952	10
1709.63	1710.375	1042.375	72.64112	43.04812	72.50406	74.464	63.81473	0	36.18527	15.0321	21.15317	33.44144	10
1709.635	1710.381	1042.381	71.08809	46.75939	70.84239	72.93081	65.18733	0	34.81267	7.482926	27.32974	33.16964	10
1709.64	1710.386	1042.386	71.56801	41.37815	71.18544	71.73197	67.10884	0	32.89116	6.812321	26.07884	33.33648	10
1709.645	1710.392	1042.392	66.53201	50.19927	65.76278	66.62648	72.60389	0	27.39611	21.73323	5.662882	33.01195	10
1709.65	1710.397	1042.397	67.36185	49.37516	67.19967	66.94287	67.33526	0	32.66474	22.35438	10.31036	33.23693	10
1709.655	1710.402	1042.402	67.42074	41.38391	67.36668	67.29911	68.37695	0	31.62305	11.21226	20.41079	33.09322	10
1709.66	1710.408	1042.408	65.44544	43.00375	65.13604	65.39163	71.78116	0	28.21884	9.286369	18.93247	32.92676	10
1709.665	1710.413	1042.413	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1710.015	1710.792	1042.792	73.51	59.32	72.17	71.45	68.40036	0	31.59964	8.905029	22.69461	33.49005	12
1710.02	1710.798	1042.798	85.61297	61.37346	85.65917	85.49747	46.02562	5.115236	48.85914	26.80535	22.05379	32.42366	12
1710.025	1710.803	1042.803	92.47368	99.14375	93.08261	92.96321	26.21223	14.01117	59.7766	26.58693	33.18967	31.01675	12
1710.03	1710.808	1042.808	90.83898	137.8883	91.60801	89.21935	17.09917	16.13817	66.76266	39.83026	26.9324	31.39789	12
1710.035	1710.814	1042.814	100.9341	90.06432	99.98464	101.4575	32.70332	10.43274	56.86394	24.12822	32.73571	31.26828	12
1710.04	1710.819	1042.819	111.2033	194.1155	107.5893	106.3426	18.72563	0	81.27437	51.23129	30.04308	29.63005	12
1710.045	1710.825	1042.825	114.8481	148.4591	114.0354	113.9592	4.711272	28.66349	66.62524	58.45937	8.165872	-9999	12
1710.05	1710.83	1042.83	122.761	188.4189	121.8117	120.4593	0	41.51292	58.48708	58.48708	0	-9999	12
1710.055	1710.835	1042.835	114.6508	190.2574	112.9502	110.8815	1.658642	19.40592	78.93544	78.93544	0	-9999	12
1710.06	1710.841	1042.841	118.2028	156.8843	116.6372	118.3953	5.420803	22.08949	72.48971	64.39848	8.091232	-9999	12
1710.065	1710.846	1042.846	116.2528	171.396	114.2755	110.3846	6.893745	15.47204	77.63421	65.64311	11.9911	-9999	12

1710.07	1710.852	1042.852	112.273	184.8518	110.9758	106.5554	2.02767	22.11868	75.85365	75.68024	0.173406	-9999	12
1710.075	1710.857	1042.857	111.9252	173.1575	110.9313	110.7678	2.826901	24.5674	72.6057	72.6057	0	-9999	12
1710.08	1710.863	1042.863	117.2644	206.9747	116.7269	117.8403	0	40.33206	59.66794	59.66794	0	-9999	12
1710.085	1710.868	1042.868	115.8027	167.8145	116.5416	117.2422	0	54.52697	45.47303	45.47303	0	-9999	12
1710.09	1710.873	1042.873	118.3043	133.709	117.9962	116.2374	1.190346	41.04119	57.76846	57.76846	0	-9999	12
1710.095	1710.879	1042.879	124.56	185.8572	121.88	117.226	1.197172	8.029046	90.77378	90.77378	0	-9999	12
1710.1	1710.884	1042.884	123.43	155.0795	120.615	117.0181	10.73142	3.173037	86.09554	57.64243	28.45311	34.1475	12
1710.105	1710.89	1042.89	116.9128	191.0746	114.3562	114.075	6.013755	8.992004	84.99424	71.49906	13.49519	-9999	12
1710.11	1710.895	1042.895	115.2982	177.2721	111.9916	106.2813	16.6519	0	83.3481	43.79839	39.54971	32.05362	12
1710.115	1710.9	1042.9	127.7332	177.7835	125.9003	125.1487	0	28.71218	71.28782	71.28782	0	-9999	12
1710.12	1710.906	1042.906	121.5248	99.85674	121.0712	117.391	7.546853	42.89592	49.55722	47.4141	2.143127	-9999	12
1710.125	1710.911	1042.911	115.4709	84.65812	115.6363	111.3229	11.99756	39.41133	48.59111	32.3067	16.28441	29.90457	12
1710.13	1710.917	1042.917	112.41	103.4642	113.292	112.0446	4.708643	44.08443	51.20693	45.56185	5.645079	-9999	12
1710.135	1710.922	1042.922	115.1329	75.74727	116.7856	119.2011	2.938155	60.71262	36.34923	36.34923	0	-9999	12
1710.14	1710.927	1042.927	110.0999	104.9952	111.9633	111.4506	0	51.13283	48.86717	48.86717	0	-9999	12
1710.145	1710.933	1042.933	120.2683	153.5181	119.5193	115.6709	0	38.44845	61.55155	61.55155	0	-9999	12
1710.15	1710.938	1042.938	114.8608	259.5159	114.7211	110.022	0	45.58898	54.41102	54.41102	0	-9999	12
1710.155	1710.944	1042.944	108.4624	148.8136	109.5442	111.7823	0	41.2488	58.7512	58.7512	0	-9999	12
1710.16	1710.949	1042.949	97.16852	159.872	100.9566	101.862	0	43.16798	56.83202	56.83202	0	-9999	12
1710.165	1710.955	1042.955	97.87052	164.523	100.5347	101.9445	0	36.83544	63.16456	63.16456	0	-9999	12
1710.17	1710.96	1042.96	98.35215	131.142	100.7812	103.4245	0	33.72874	66.27126	66.27126	0	-9999	12
1710.175	1710.965	1042.965	114.0628	304.6829	111.8909	112.1994	0	20.82014	79.17986	79.17986	0	-9999	12
1710.18	1710.971	1042.971	120.0589	285.5101	115.8552	112.4112	0	0	100	100	0	-9999	12
1710.185	1710.976	1042.976	115.4831	227.7036	113.6462	110.3248	0	20.70966	79.29034	79.29034	0	-9999	12
1710.19	1710.982	1042.982	109.685	143.4035	107.7123	106.6135	19.67465	10.2968	70.02854	52.0521	17.97644	31.96725	12
1710.195	1710.987	1042.987	107.1105	158.5409	106.6031	102.9523	7.023792	23.66796	69.30825	56.31373	12.99453	-9999	12
1710.2	1710.992	1042.992	94.68285	159.2375	95.90867	98.04207	4.856202	23.22925	71.91454	65.20879	6.705758	-9999	12
1710.205	1710.998	1042.998	100.002	121.2565	101.0381	99.83339	10.62472	25.53749	63.83778	57.2099	6.627886	31.37547	12
1710.21	1711.003	1043.003	105.2708	145.904	106.8321	107.2132	0	39.81207	60.18793	60.18793	0	-9999	12
1710.215	1711.009	1043.009	100.5341	279.061	100.7032	99.24231	0	30.62072	69.37928	69.37928	0	-9999	12
1710.22	1711.014	1043.014	97.1	243.9278	97.75487	94.69483	0	28.05041	71.94959	71.94959	0	-9999	12
1710.225	1711.019	1043.019	88.8441	197.3772	90.18674	91.35725	0.092658	21.10407	78.80327	78.80327	0	-9999	12
1710.23	1711.025	1043.025	83.39767	216.8584	84.58125	83.37534	1.621682	18.15374	80.22457	80.22457	0	-9999	12
1710.235	1711.03	1043.03	82.6955	213.9397	83.45193	83.69666	6.284416	16.27364	77.44194	63.88659	13.55536	-9999	12
1710.24	1711.036	1043.036	76.53852	180.7565	78.19259	80.83481	13.02241	13.4381	73.53949	49.08271	24.45678	30.03404	12
1710.245	1711.041	1043.041	81.7	203.0284	82.49653	82.60716	9.529998	15.17344	75.29656	62.28997	13.0066	30.75128	12
1710.25	1711.047	1043.047	86.27133	211.3164	86.42996	85.0023	8.262444	15.92415	75.81341	59.56394	16.24947	31.25086	12
1710.255	1711.052	1043.052	84.8	184.6459	85.50854	85.58727	11.8085	15.2291	72.9624	51.89044	21.07195	30.81638	12
1710.26	1711.057	1043.057	81.79786	189.7733	82.43985	85.9265	13.84543	13.88592	72.26865	53.85183	18.41683	29.77086	12
1710.265	1711.063	1043.063	84.58369	174.9025	85.38112	84.89817	13.67651	14.7465	71.57698	59.73183	11.84516	30.83328	12
1710.27	1711.068	1043.068	87.47656	156.2925	88.15622	88.64839	16.43144	14.74792	68.82065	52.02225	16.7984	30.69063	12
1710.275	1711.074	1043.074	120.31	211.5928	121.6023	123.3953	0	81.37518	18.62482	18.62482	0	-9999	12
1710.28	1711.079	1043.079	122.3775	242.403	123.5653	124.8507	0	89.31516	10.68484	10.68484	0	-9999	12
1710.285	1711.084	1043.084	121.25	265.1953	121.8173	121.7363	0	73.63677	26.36323	26.36323	0	-9999	12
1710.29	1711.09	1043.09	120.7962	246.469	121.0065	121.9773	0	63.92822	36.07178	36.07178	0	-9999	12
1710.295	1711.095	1043.095	127.3062	281.468	125.5512	124.4419	0	37.08738	62.91262	62.91262	0	-9999	12
1710.3	1711.101	1043.101	123.5217	217.2933	124.1096	123.489	0	78.53853	21.46147	21.46147	0	-9999	12
1710.305	1711.106	1043.106	118.4442	188.419	120.0164	118.8773	0	78.27398	21.72602	21.72602	0	-9999	12
1710.31	1711.111	1043.111	115.7057	178.5599	115.985	118.6961	0	47.96295	52.03705	52.03705	0	-9999	12
1710.315	1711.117	1043.117	111.6762	189.9665	111.0445	110.672	0	29.69073	70.30927	70.30927	0	-9999	12
1710.32	1711.122	1043.122	120.0428	156.8689	119.4972	117.473	0	41.92366	58.07634	58.07634	0	-9999	12
1710.325	1711.128	1043.128	117.1633	127.5148	117.5332	117.2373	0	49.31621	50.68379	50.68379	0	-9999	6
1710.33	1711.133	1043.133	69	74.25	67.8	67.22	67.8515	0	32.1485	19.63807	12.51043	33.62063	6
1710.335	1711.139	1043.139	71.04	47.43	70.19	69.88	69.75264	0	30.24736	16.20083	14.04653	33.33872	6
1710.34	1711.144	1043.144	72.25	51.99	71.7	72.74	65.21092	0	34.78908	15.04028	19.7488	33.42407	6
1710.345	1711.149	1043.149	71.28	64.97	70.6	68.33	63.96966	0	36.03034	6.738605	29.29173	34.11689	6
1710.35	1711.155	1043.155	67.3	67	66.75	65.45	66.1325	0	33.8675	22.83933	11.02817	33.66738	6
1710.355	1711.16	1043.16	66.52	130.34	64.83	62.86	60.35682	2.122951	37.52023	21.21473	16.3055	32.01299	6
1710.36	1711.166	1043.166	65.85	35.87	66.21	66.91	67.94746	0	32.05254	11.04369	21.00885	32.72256	6
1710.365	1711.171	1043.171	65.09	21.64	65.17	65.45	74.26032	0	25.73968	11.2706	14.46908	32.6204	6
1710.37	1711.176	1043.176	65.3	16.37	65.18	65.09	76.89246	0	23.10754	21.80388	1.303662	32.76237	6
1710.375	1711.182	1043.182	64.34	13.9	64.13	64.22	79.0709	0	20.9291	18.62745	2.301653	32.77555	6
1710.38	1711.187	1043.187	63.69	14.48	63.29	63.13	81.00104	0	18.99896	13.50996	5.489	32.97811	6
1710.385	1711.193	1043.193	64.35	9.95	64.33	64.21	78.5451	0	21.4549	19.48754	1.967365	32.69568	6
1710.39	1711.198	1043.198	64.16	13.84	64.24	64.66	77.00352	0	22.99648	8.817715	14.17876	32.53175	6
1710.395	1711.203	1043.203	64.03	23.89	64.33	63.8	72.98602	0	27.01398	5.534978	21.479	32.64626	6
1710.4	1711.209	1043.209	63.97	22.72	64.05	63.98	75.02936	0	24.97064	16.7852	8.185437	32.64118	6
1710.405	1711.214	1043.214	65.19	23.04	65.05	64.48	75.53452	0	24.46548	5.553525	18.91196	32.87366	6
1710.41	1711.22	1043.22	66.69	17.52	66.72	66.27	74.17286	0	25.82714	19.2115	6.615641	32.83747	6
1710.415	1711.225	1043.225	66.53	18.08	66.21	65.92	76.89704	0	23.10296	21.37362	1.729337	32.9168	6
1710.42	1711.231	1043.231	67.76	20.45	67.53	68.22	74.4944	0	25.5056	4.009981	21.49562	32.75895	6
1710.425	1711.236	1043.236	68.29	35.84	67.44	67.33	75.08742	0	24.91258	16.1365	8.776075	33.12111	6
1710.43	1711.241	1043.241	68.04	33.06	68.12	68.45	68.78268	0	31.21732	20.91399	10.30333	32.97333	6

1710.435	1711.247	1043.247	67.43	29.35	66.62	65.44	77.1392	0	22.8608	14.26026	8.600543	33.29473	6
1710.44	1711.252	1043.252	69.68	18.07	69.49	69.21	72.99396	0	27.00604	17.5894	9.416642	33.0485	6
1710.445	1711.258	1043.258	72.27	22.67	72.27	71.92	68.02546	0	31.97454	10.4511	21.52344	33.49653	6
1710.45	1711.263	1043.263	71.68	17.52	71.29	70.33	72.83706	0	27.16294	8.225911	18.93703	33.30954	6
1710.455	1711.268	1043.268	72.99	20.84	72.98	71.39	67.88342	0	32.11658	11.10995	21.00663	33.81055	6
1710.46	1711.274	1043.274	73.18	23.21	73.99	74.06	60.78008	0	39.21992	24.84723	14.37269	34.36024	6
1710.465	1711.279	1043.279	74.83	13.91	75.06	75.39	66.00768	0	33.99232	11.98773	22.00459	33.91318	6
1710.47	1711.285	1043.285	75.94	13.44	75.68	75.88	68.89772	0	31.10228	23.96828	7.133996	33.68331	6
1710.475	1711.29	1043.29	75.43	27.58	75.35	75.06	64.55004	0	35.44996	21.07053	14.37943	34.11552	6
1710.48	1711.296	1043.296	76.35	62.04	75.3	74.35	62.88182	0	37.11818	21.56633	15.55185	34.06338	6
1710.485	1711.301	1043.301	67.79	96.14	67.98	68.57	52.89482	2.366707	44.73847	12.76684	31.97163	31.43028	6
1710.49	1711.306	1043.306	65.74	153.53	64.72	63.12	50.26994	4.406744	45.32332	15.36008	29.96324	29.99809	12
1710.495	1711.312	1043.312	58.22	159.58	59.24	59.83	39.91424	5.896024	54.18974	26.73954	27.4502	28.35795	12
1710.5	1711.317	1043.317	51.73	150.69	51.42	49.35	58.34392	3.604576	38.0515	22.48926	15.56224	30.07069	12
1710.505	1711.323	1043.323	51.31	155.86	50.58	49.19	60.73418	3.679451	35.58637	26.16165	9.42472	30.11426	12
1710.51	1711.328	1043.328	51.39	150.96	50.41	49.73	63.78388	3.209761	33.00636	11.88075	21.1256	30.62683	12
1710.515	1711.333	1043.333	51.93	154.22	51.34	51.14	59.47566	3.688656	36.83568	20.76926	16.06643	29.79954	12
1710.52	1711.339	1043.339	62.67	309.6	60.63	51.1	23.2304	13.65505	63.11455	37.7954	25.31915	27.21037	12
1710.525	1711.344	1043.344	56.49	190.87	55.59	53.85	48.81366	6.258986	44.92735	31.16956	13.75779	28.22656	12
1710.53	1711.35	1043.35	57.27	164.98	56.88	55.98	50.40894	4.963289	44.62777	32.06852	12.55925	28.9676	12
1710.535	1711.355	1043.355	59.27	162.46	60.16	62.51	39.25878	6.137629	54.60359	34.50774	20.09586	28.01096	12
1710.54	1711.36	1043.36	67.25	144.58	68.55	72.5	33.06664	7.059577	59.87378	28.02441	31.84938	28.63845	12
1710.545	1711.366	1043.366	70.08	131.34	71.47	73	32.96962	7.118447	59.91193	31.92968	27.98225	29.53117	12
1710.55	1711.371	1043.371	72.53	116.73	73.48	74.05	37.66124	6.142428	56.19633	26.08953	30.1068	30.16383	12
1710.555	1711.377	1043.377	73.6	178.97	72.77	70.53	35.40976	7.437838	57.1524	32.86339	24.28901	29.34061	12
1710.56	1711.382	1043.382	76.24	221.17	73.61	71.78	36.71856	7.330866	55.95057	31.66603	24.28454	28.56132	12
1710.565	1711.388	1043.388	74.33	94.67	73.58	72.96	54.51876	2.017542	43.4637	31.09622	12.36748	32.31035	12
1710.57	1711.393	1043.393	79.18	89.09	79.33	78.57	44.43212	4.769136	50.79874	25.86933	24.92941	31.6333	12
1710.575	1711.398	1043.398	73.89	62.06	73.87	74.23	57.15768	1.059647	41.78267	18.26138	23.52129	33.19977	12
1710.58	1711.404	1043.404	74.25	72.5	74.62	75.15	51.2775	2.592421	46.13008	27.32518	18.8049	32.15885	12
1710.585	1711.409	1043.409	78.69	133.22	76.96	75.27	48.77346	3.341075	47.88546	25.9497	21.93576	31.32328	12
1710.59	1711.415	1043.415	91.5	174.11	90.68	89.09	20.04038	12.01176	67.94786	45.36019	22.58768	30.80819	12
1710.595	1711.42	1043.42	84.76	160.79	84.54	80.96	24.81462	10.60852	64.57686	41.56527	23.0116	30.78892	12
1710.6	1711.425	1043.425	78.2	146.57	77.78	76.51	35.84106	7.029225	57.12971	23.05266	34.07706	30.14346	12
1710.605	1711.431	1043.431	75.01	208.37	73.59	71.26	31.57026	8.578463	59.85128	35.39611	24.45517	28.83989	12
1710.61	1711.436	1043.436	78.14	206.08	76.57	75.72	30.40734	8.531844	61.06082	30.09704	30.96377	28.88154	12
1710.615	1711.442	1043.442	73.98	150.64	72.43	70.73	47.49602	4.331665	48.17231	33.39139	14.78092	30.45642	12
1710.62	1711.447	1043.447	72.85	120.39	72.66	73.08	45.31612	4.453708	50.23017	29.67856	20.55161	30.48806	12
1710.625	1711.452	1043.452	75.31	123.69	75.47	75.11	39.54182	5.936106	54.52207	23.10309	31.41898	30.38126	12
1710.63	1711.458	1043.458	77.03	190.38	76.64	74.43	26.08294	9.758085	64.15897	34.05305	30.10592	29.53048	12
1710.635	1711.463	1043.463	76.87	220.62	76.33	78.04	20.07456	11.44612	68.47932	40.12267	28.35666	28.61365	12
1710.64	1711.469	1043.469	73.55	221.14	73.1	67.8	22.30562	10.944	66.75038	37.48537	29.26501	29.48815	12
1710.645	1711.474	1043.474	77.16	329.63	76.09	68.69	0	17.76386	82.23614	82.23614	0	-9999	12
1710.65	1711.48	1043.48	76.47	245.65	76.48	70.65	10.1228	14.18561	75.69159	54.5815	21.11009	30.73424	12
1710.655	1711.485	1043.485	71.61	193.54	71.94	72.39	24.72462	9.990869	65.28451	29.48486	35.79965	28.74065	12
1710.66	1711.49	1043.49	66.08	192.11	66.2	64.34	31.78578	8.43881	59.77541	39.65235	20.12306	28.51452	12
1710.665	1711.496	1043.496	68.65	198.09	68.04	65.22	33.63172	8.293859	58.07442	33.92191	24.15251	28.67145	12
1710.67	1711.501	1043.501	70.73	255.98	71.52	67.95	6.85874	14.73929	78.40197	60.69017	17.7118	-9999	12
1710.675	1711.507	1043.507	82.18746	463.4647	79.48636	77.84174	0	23.65097	76.34903	76.34903	0	-9999	12
1710.68	1711.512	1043.512	87.55067	443.2805	84.393	87.37781	0	20.95977	79.04023	79.04023	0	-9999	12
1710.685	1711.517	1043.517	72.75139	240.8018	72.70973	72.12656	15.11752	12.81746	72.06501	53.86988	18.19513	28.91834	12
1710.69	1711.523	1043.523	76.08567	343.9228	73.86498	70.70642	3.982227	16.3607	79.65707	79.65707	0	-9999	12
1710.695	1711.528	1043.528	73.53108	306.3847	72.80181	73.67693	3.858139	16.20247	79.93939	74.76747	5.171917	-9999	12
1710.7	1711.534	1043.534	122.376	360.3318	123.6884	119.9722	0	100	0	0	0	-9999	12
1710.705	1711.539	1043.539	116.9798	505.9125	116.9798	122.3894	0	68.46882	31.53118	31.53118	0	-9999	12
1710.71	1711.544	1043.544	108.3854	398.0522	108.3108	107.1546	0	45.63429	54.36571	54.36571	0	-9999	12
1710.715	1711.55	1043.55	99.98614	264.2793	99.39593	98.45641	0	23.9736	76.0264	76.0264	0	-9999	12
1710.72	1711.555	1043.555	102.3041	302.97	101.6475	100.7964	0	27.83038	72.16962	72.16962	0	-9999	12
1710.725	1711.561	1043.561	91.02442	136.0261	92.23051	94.50351	13.99208	18.14758	67.86034	47.23788	20.62246	30.76183	12
1710.73	1711.566	1043.566	100.4034	130.1146	100.7052	101.9121	13.80271	21.3713	64.82599	49.81659	15.0094	30.8504	11
1710.735	1711.572	1043.572	113.4032	155.7988	111.5831	106.919	12.07164	14.74202	73.18634	51.28861	21.89773	32.79469	11
1710.74	1711.577	1043.577	123.9793	106.4875	123.6588	121.1072	2.652837	52.0578	45.28936	45.28936	0	-9999	11
1710.745	1711.582	1043.582	106.491	102.7192	106.9804	105.6753	13.37756	28.65086	57.97158	47.67422	10.29736	30.75782	11
1710.75	1711.588	1043.588	106.3708	109.2074	106.524	110.005	14.52393	25.70991	59.76617	40.9501	18.81606	30.03623	11
1710.755	1711.593	1043.593	137.1935	119.0432	137.8822	138.3143	0	100	0	0	0	-9999	11
1710.76	1711.599	1043.599	133.8695	127.5866	135.6062	137.0115	0	100	0	0	0	-9999	11
1710.765	1711.604	1043.604	105.01	105.1	105.91	106.74	10.9816	30.4111	58.6073	36.95928	21.64803	30.47845	11
1710.77	1711.609	1043.609	105.9	101.08	105.94	105.35	17.80064	23.50844	58.69092	37.50881	21.18211	30.7825	11
1710.775	1711.615	1043.615	106.18	108.47	106.8	107.33	11.25966	29.8266	58.91374	46.59673	12.31701	30.51085	11
1710.78	1711.62	1043.62	108.35	109.47	109.08	108.12	8.16876	34.56678	57.26446	46.22461	11.03985	30.59728	11
1710.785	1711.626	1043.626	108.29	114.88	108.69	108.47	9.47224	31.32642	59.20134	42.89277	16.30857	30.62119	11
1710.79	1711.631	1043.631	107.94	146.13	108.36	110.89	2.07674	33.09493	64.82833	64.82833	0	-9999	11
1710.795	1711.636	1043.636	107.72	100.5	108.42	107.94	11.1516	32.5589	56.2895	41.44608	14.84342	30.40806	11

1710.8	1711.642	1043.642	106.16	107.68	106.84	108.76	11.00424	30.31732	58.67844	45.2146	13.46385	30.23766	11
1710.805	1711.647	1043.647	105.16	108.31	106.08	107.17	9.91178	31.04808	59.04014	47.06702	11.97312	30.47704	11
1710.81	1711.653	1043.653	109.45	135.03	109.84	109.35	3.60624	34.46042	61.93334	61.93334	0	-9999	11
1710.815	1711.658	1043.658	107.78	156.66	108.32	107.65	0	34.79232	65.20768	65.20768	0	-9999	11
1710.82	1711.664	1043.664	105.72	125.87	105.94	105.28	10.57206	26.60341	62.82453	42.63661	20.18792	31.0669	11
1710.825	1711.669	1043.669	108.9933	130.894	109.6286	109.4724	3.126568	36.1158	60.75763	60.75763	0	-9999	11
1710.83	1711.674	1043.674	119.9683	126.7525	120.6557	121.4479	0	62.62557	37.37443	37.37443	0	-9999	11
1710.835	1711.68	1043.68	113.9277	142.2543	115.1993	115.0349	0	55.87755	44.12245	44.12245	0	-9999	11
1710.84	1711.685	1043.685	108.3608	221.0824	107.6669	104.9832	0	27.36932	72.63068	72.63068	0	-9999	11
1710.845	1711.691	1043.691	117.7757	231.0741	117.6957	120.9384	0	50.31376	49.68624	49.68624	0	-9999	11
1710.85	1711.696	1043.696	118.3	211.1508	117.9769	116.0385	0	46.0095	53.9905	53.9905	0	-9999	11
1710.855	1711.701	1043.701	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1710.905	1711.756	1043.756	101.2	342.15	102.4	101.27	0	43.26694	56.73306	56.73306	0	-9999	10
1710.91	1711.761	1043.761	109.54	257.8	111.02	116.04	0	55.43576	44.56424	44.56424	0	-9999	10
1710.915	1711.766	1043.766	110.81	211.88	111.87	112.63	0	50.11987	49.88013	49.88013	0	-9999	10
1710.92	1711.772	1043.772	110.56	190.76	111.45	112.65	0	46.0883	53.9117	53.9117	0	-9999	10
1710.925	1711.777	1043.777	106.63	180.63	106.2	109.63	1.52044	25.37874	73.10082	73.10082	0	-9999	10
1710.93	1711.783	1043.783	108.1	221.85	108.51	110.98	0	38.3526	61.6474	61.6474	0	-9999	10
1710.935	1711.788	1043.788	112.19	225.74	111.58	110.12	0	33.01584	66.98416	66.98416	0	-9999	10
1710.94	1711.793	1043.793	103.88	304.53	105.61	109.33	0	49.48394	50.51606	50.51606	0	-9999	10
1710.945	1711.799	1043.799	103.36	232.51	104.67	106.06	0	40.023	59.977	59.977	0	-9999	10
1710.95	1711.804	1043.804	102.49	253.86	104.01	106.98	0	41.82699	58.17301	58.17301	0	-9999	10
1710.955	1711.81	1043.81	100.89	312.3	103.85	107.35	0	54.73209	45.26791	45.26791	0	-9999	10
1710.96	1711.815	1043.815	103.27	318.58	104.22	104.04	0	42.63168	57.36832	57.36832	0	-9999	10
1710.965	1711.821	1043.821	108.49	252.04	108.72	109.31	0	39.10343	60.89657	60.89657	0	-9999	10
1710.97	1711.826	1043.826	106.52	214.92	107.44	109.17	0	40.47745	59.52255	59.52255	0	-9999	10
1710.975	1711.831	1043.831	101.81	233.17	103.2	105	0	38.29497	61.70503	61.70503	0	-9999	10
1710.98	1711.837	1043.837	102.14	199.27	102.71	104.1	0	29.98558	70.01442	70.01442	0	-9999	10
1710.985	1711.842	1043.842	100.86	242.9	101.98	104.05	0	35.4898	64.5102	64.5102	0	-9999	10
1710.99	1711.848	1043.848	103.68	197.89	103.61	103.18	0	26.54958	73.45042	73.45042	0	-9999	10
1710.995	1711.853	1043.853	103.01	174.33	102.97	101.33	3.35294	24.49801	72.14905	65.61311	6.535935	-9999	10
1711	1711.858	1043.858	105.18	197.3	104.52	105.11	0.6028	23.04688	76.35032	76.35032	0	-9999	10
1711.005	1711.864	1043.864	102.54	226.7	102.83	103.96	0	30.11996	69.88004	69.88004	0	-9999	10
1711.01	1711.869	1043.869	101.8	185.72	101.61	102.08	2.87226	22.93817	74.18957	70.49484	3.694733	-9999	10
1711.015	1711.875	1043.875	103.22	146.63	102.96	103.55	11.56814	21.09975	67.33211	55.43035	11.90176	31.13953	10
1711.02	1711.88	1043.88	102.92	141.59	102.41	101.61	15.00132	18.54048	66.4582	49.55899	16.89921	31.29254	10
1711.025	1711.885	1043.885	101.75	127.11	101.23	102.29	19.65938	16.52561	63.81501	35.33825	28.47677	30.83321	10
1711.03	1711.891	1043.891	103	132.1	102.66	101.44	15.9068	19.28517	64.80803	44.75551	20.05252	31.28049	10
1711.035	1711.896	1043.896	102.47	155.62	102.33	103.27	9.15256	21.91554	68.9319	47.90655	21.02535	31.2438	10
1711.04	1711.902	1043.902	100.27	183.52	100.08	102.65	4.81226	21.43441	73.75333	69.08946	4.663868	-9999	10
1711.045	1711.907	1043.907	100.32	190.34	100.65	100.24	0	25.54961	74.45039	74.45039	0	-9999	10
1711.05	1711.913	1043.913	100.7	193.15	101.39	100.69	0	28.74174	71.25826	71.25826	0	-9999	10
1711.055	1711.918	1043.918	100.29	171.58	100.06	99.35	7.99334	20.37193	71.63473	53.84456	17.79016	-9999	10
1711.06	1711.923	1043.923	97.08	108.99	96.67	96.46	27.48832	12.6146	59.89708	33.12946	26.76761	31.09771	10
1711.065	1711.929	1043.929	95.03	139.3	95.2	97.23	17.5443	16.43231	66.02339	43.58449	22.4389	30.57886	10
1711.07	1711.934	1043.934	94.67	210.28	94.72	93.55	1.62834	20.32567	78.04599	78.04599	0	-9999	10
1711.075	1711.94	1043.94	92.96	252.65	93.39	92	0	23.87012	76.12988	76.12988	0	-9999	10
1711.08	1711.945	1043.945	92.92	178.66	93.18	90.88	9.26288	18.01923	72.71789	65.31581	7.402076	31.77346	10
1711.085	1711.95	1043.95	94.92	144.67	95.18	94.45	15.64846	17.19306	67.15848	39.0918	28.06668	31.15596	10
1711.09	1711.956	1043.956	96.82	150.56	96.87	96.17	14.10258	17.8984	67.99902	50.74428	17.25475	31.24007	10
1711.095	1711.961	1043.961	96.04	156.61	96.06	94.18	13.58858	17.53695	68.87447	59.21167	9.662803	31.46838	10
1711.1	1711.967	1043.967	105.19	189.9405	106.0745	109.4652	0	36.27803	63.72197	63.72197	0	-9999	11
1711.105	1711.972	1043.972	122.23	159.1984	123.2301	126.9966	0	78.99918	21.00082	21.00082	0	-9999	11
1711.11	1711.977	1043.977	123.09	157.6005	123.5196	124.8996	0	69.46428	30.53572	30.53572	0	-9999	11
1711.115	1711.983	1043.983	120.93	142.6867	121.2017	120.723	0	58.49887	41.50113	41.50113	0	-9999	11
1711.12	1711.988	1043.988	119.93	149.4421	120.6653	122.0456	0	64.9543	35.0457	35.0457	0	-9999	11
1711.125	1711.994	1043.994	116.77	135.7273	117.3578	119.7857	0	52.4387	47.5613	47.5613	0	-9999	11
1711.13	1711.999	1043.999	114.47	194.3953	115.2058	116.4364	0	52.9769	47.0231	47.0231	0	-9999	11
1711.135	1712.005	1044.005	117.4	166.8943	118.437	116.2606	0	63.79039	36.20961	36.20961	0	-9999	11
1711.14	1712.01	1044.01	111.04	190.5959	112.2819	114.4645	0	51.46904	48.53096	48.53096	0	-9999	11
1711.145	1712.015	1044.015	113.27	224.625	113.3711	115.3044	0	43.65757	56.34243	56.34243	0	-9999	11
1711.15	1712.021	1044.021	111.09	212.3304	111.228	111.6796	0	39.49923	60.50077	60.50077	0	-9999	11
1711.155	1712.026	1044.026	108.93	322.3833	110.2378	110.8979	0	56.44618	43.55382	43.55382	0	-9999	11
1711.16	1712.032	1044.032	119.6	381.639	118.8525	120.4119	0	52.68712	47.31288	47.31288	0	-9999	11
1711.165	1712.037	1044.037	119.36	353.4706	119.5661	119.3214	0	67.24214	32.75786	32.75786	0	-9999	11
1711.17	1712.042	1044.042	115.69	268.644	117.7532	125.1271	0	82.25285	17.74715	17.74715	0	-9999	11
1711.175	1712.048	1044.048	118.57	204.3792	118.1717	118.3773	0	44.81948	55.18052	55.18052	0	-9999	11
1711.18	1712.053	1044.053	116.27	213.0856	118.056	120.9392	0	75.93573	24.06427	24.06427	0	-9999	11
1711.185	1712.059	1044.059	115.21	207.67	116.4689	116.8886	0	63.69025	36.30975	36.30975	0	-9999	11
1711.19	1712.064	1044.064	113.19	205.4479	115.047	118.4453	0	66.51763	33.48237	33.48237	0	-9999	11
1711.195	1712.069	1044.069	116.11	179.3475	116.8496	118.6729	0	56.10981	43.89019	43.89019	0	-9999	11
1711.2	1712.075	1044.075	116.05	171.786	117.0316	119.5304	0	59.2848	40.7152	40.7152	0	-9999	11
1711.205	1712.08	1044.08	112.25	192.6986	114.1643	117.3506	0	63.66329	36.33671	36.33671	0	-9999	11

1711.21	1712.086	1044.086	114.34	185.4087	115.5827	115.1769	0	59.49158	40.50842	40.50842	0	-9999	11
1711.215	1712.091	1044.091	115.7	159.4707	117.4829	119.5078	0	70.31212	29.68788	29.68788	0	-9999	11
1711.22	1712.097	1044.097	115.23	155.63	116.578	119.6937	0	61.62258	38.37742	38.37742	0	-9999	11
1711.225	1712.102	1044.102	112.02	199.8595	112.3346	111.2901	0	42.4557	57.5443	57.5443	0	-9999	11
1711.23	1712.107	1044.107	110.01	183.2469	110.81	112.9849	0	43.40809	56.59191	56.59191	0	-9999	11
1711.235	1712.113	1044.113	107.79	293.1003	107.6535	109.5019	0	37.1461	62.8539	62.8539	0	-9999	11
1711.24	1712.118	1044.118	106.52	232.9909	106.8164	107.4585	0	35.62964	64.37036	64.37036	0	-9999	11
1711.245	1712.124	1044.124	105.74	185.7609	106.0725	106.5035	0	31.70729	68.29271	68.29271	0	-9999	11
1711.25	1712.129	1044.129	101.35	230.7915	102.2341	105.6981	0	33.5373	66.4627	66.4627	0	-9999	11
1711.255	1712.134	1044.134	102.95	207.9693	104.0225	106.4357	0	35.7206	64.2794	64.2794	0	-9999	11
1711.26	1712.14	1044.14	102.89	214.4832	104.5959	109.8964	0	41.41561	58.58439	58.58439	0	-9999	11
1711.265	1712.145	1044.145	99.97	210.7583	101.6324	104.162	0	36.09591	63.90409	63.90409	0	-9999	11
1711.27	1712.151	1044.151	99.19	188.0207	101.3878	102.793	0	37.27653	62.72347	62.72347	0	-9999	11
1711.275	1712.156	1044.156	101.82	195.9166	103.2155	104.8536	0	35.83932	64.16068	64.16068	0	-9999	11
1711.28	1712.162	1044.162	100.12	268.5194	101.1325	103.6397	0	35.45811	64.54189	64.54189	0	-9999	11
1711.285	1712.167	1044.167	110.42	323.4638	110.5952	113.1739	0	46.33865	53.66135	53.66135	0	-9999	11
1711.29	1712.172	1044.172	104.97	339.0028	105.6331	106.812	0	43.98565	56.01435	56.01435	0	-9999	11
1711.295	1712.178	1044.178	105.53	223.01	106.3421	108.4952	0	38.37046	61.62954	61.62954	0	-9999	11
1711.3	1712.183	1044.183	111.35	230.7657	112.1411	115.0792	0	49.20918	50.79082	50.79082	0	-9999	11
1711.305	1712.189	1044.189	111.32	227.4571	112.111	113.2034	0	48.92301	51.07699	51.07699	0	-9999	11
1711.31	1712.194	1044.194	112.25	206.2032	113.6985	116.9103	0	58.20655	41.79345	41.79345	0	-9999	11
1711.315	1712.199	1044.199	112.18	207.8105	113.2125	115.8442	0	52.58929	47.41071	47.41071	0	-9999	11
1711.32	1712.205	1044.205	110.93	196.3725	111.4065	111.3564	0	42.20257	57.79743	57.79743	0	-9999	11
1711.325	1712.21	1044.21	112.14	193.9536	113.5375	115.7282	0	56.40884	43.59116	43.59116	0	-9999	11
1711.33	1712.216	1044.216	111.07	198.7385	112.1991	112.5002	0	50.6715	49.3285	49.3285	0	-9999	11
1711.335	1712.221	1044.221	112.31	243.6697	114.5018	116.2527	0	71.15659	28.84341	28.84341	0	-9999	11
1711.34	1712.226	1044.226	108.62	246.8378	110.1627	111.3321	0	53.33448	46.66552	46.66552	0	-9999	11
1711.345	1712.232	1044.232	105	319.2027	108.5737	113.1667	0	71.02104	28.97896	28.97896	0	-9999	11
1711.35	1712.237	1044.237	111.99	310.9721	114.4188	117.8292	0	78.00503	21.99497	21.99497	0	-9999	11
1711.355	1712.243	1044.243	111.17	280.746	111.9104	112.8892	0	51.5829	48.4171	48.4171	0	-9999	11
1711.36	1712.248	1044.248	112.79	179.6709	113.4334	114.2409	0	46.89261	53.10739	53.10739	0	-9999	11
1711.365	1712.254	1044.254	106.99	238.3374	108.561	109.5383	0	49.56055	50.43945	50.43945	0	-9999	11
1711.37	1712.259	1044.259	108.99	196.668	110.7089	113.5863	0	52.82442	47.17558	47.17558	0	-9999	11
1711.375	1712.264	1044.264	107.4	188.9288	109.0352	110.3854	0	47.76977	52.23023	52.23023	0	-9999	11
1711.38	1712.27	1044.27	106.24	195.9097	107.8561	110.5207	0	45.62412	54.37588	54.37588	0	-9999	11
1711.385	1712.275	1044.275	110.26	195.8252	111.6112	112.9874	0	51.3668	48.6332	48.6332	0	-9999	11
1711.39	1712.281	1044.281	108.28	151.7761	109.6593	113.2131	0	44.35357	55.64643	55.64643	0	-9999	11
1711.395	1712.286	1044.286	107.93	181.1119	108.7491	111.2807	0	39.60913	60.39087	60.39087	0	-9999	11
1711.4	1712.291	1044.291	104.82	261.1972	106.6609	108.8577	0	49.38701	50.61299	50.61299	0	-9999	11
1711.405	1712.297	1044.297	99.65	285.3716	102.5253	105.6172	0	49.75462	50.24538	50.24538	0	-9999	11
1711.41	1712.302	1044.302	107.25	284.1001	108.5872	113.057	0	50.73106	49.26894	49.26894	0	-9999	11
1711.415	1712.308	1044.308	107.52	267.9719	109.664	114.3732	0	58.91248	41.08752	41.08752	0	-9999	11
1711.42	1712.313	1044.313	106.52	410.6806	107.0757	109.0762	0	50.12381	49.87619	49.87619	0	-9999	11
1711.425	1712.318	1044.318	105.16	392.0093	106.4871	110.5667	0	53.99473	46.00527	46.00527	0	-9999	11
1711.43	1712.324	1044.324	100.65	325.9481	101.7008	104.9862	0	40.29863	59.70137	59.70137	0	-9999	11
1711.435	1712.329	1044.329	107.8	321.6161	108.6063	110.5911	0	48.73049	51.26951	51.26951	0	-9999	11
1711.44	1712.335	1044.335	107.92	379.5177	109.3844	110.8364	0	59.90015	40.09985	40.09985	0	-9999	11
1711.445	1712.34	1044.34	112	393.6648	112.151	110.7416	0	53.44593	46.55407	46.55407	0	-9999	11
1711.45	1712.346	1044.346	116.74	445.9933	116.2545	116.9061	0	56.37379	43.62621	43.62621	0	-9999	12
1711.455	1712.351	1044.351	112.83	375.8584	111.543	110.7354	0	35.6326	64.3674	64.3674	0	-9999	12
1711.46	1712.356	1044.356	103.77	358.12	104.3446	102.3763	0	42.83021	57.16979	57.16979	0	-9999	12
1711.465	1712.362	1044.362	105.84	418.7503	105.027	102.5633	0	37.24421	62.75579	62.75579	0	-9999	12
1711.47	1712.367	1044.367	102.67	284.3307	102.4874	99.83327	0	30.46945	69.53055	69.53055	0	-9999	12
1711.475	1712.373	1044.373	102.62	241.7694	102.8634	102.0966	0	30.86214	69.13786	69.13786	0	-9999	12
1711.48	1712.378	1044.378	100.37	300.8735	100.3941	97.79981	0	30.92102	69.07898	69.07898	0	-9999	12
1711.485	1712.383	1044.383	108.31	288.9902	107.8378	107.1046	0	34.12363	65.87637	65.87637	0	-9999	12
1711.49	1712.389	1044.389	96.74	445.6736	97.26311	96.27633	0	40.53349	59.46651	59.46651	0	-9999	12
1711.495	1712.394	1044.394	91.4	323.6954	91.21418	88.03202	0	24.8082	75.1918	75.1918	0	-9999	12
1711.5	1712.4	1044.4	90.33	418.2195	88.41153	87.33672	0	23.71046	76.28954	76.28954	0	-9999	12
1711.505	1712.405	1044.405	86.95	498.5923	84.39198	83.41425	0	26.56581	73.43419	73.43419	0	-9999	12
1711.51	1712.41	1044.41	82.88	561.071	83.79297	78.37081	0	40.26851	59.73149	59.73149	0	-9999	12
1711.515	1712.416	1044.416	96.98	480.6721	97.90827	99.59819	0	45.57952	54.42048	54.42048	0	-9999	12
1711.52	1712.421	1044.421	104.44	398.7719	104.6483	105.4204	0	43.30554	56.69446	56.69446	0	-9999	12
1711.525	1712.427	1044.427	103.65	556.9179	106.4973	111.1164	0	76.34144	23.65856	23.65856	0	-9999	12
1711.53	1712.432	1044.432	108	493.7225	109.651	111.2152	0	69.82859	30.17141	30.17141	0	-9999	12
1711.535	1712.438	1044.438	108.08	511.1593	107.2729	109.0982	0	45.55175	54.44825	54.44825	0	-9999	12
1711.54	1712.443	1044.443	105.88	422.556	109.4282	114.8984	0	80.30467	19.69533	19.69533	0	-9999	12
1711.545	1712.448	1044.448	109.69	484.6502	113.1611	117.9308	0	96.02539	3.974606	3.974606	0	-9999	12
1711.55	1712.454	1044.454	119.91	408.1851	121.0065	120.5163	0	89.32813	10.67187	10.67187	0	-9999	12
1711.555	1712.459	1044.459	118.49	344.1974	118.6827	119.3635	0	64.19705	35.80295	35.80295	0	-9999	12
1711.56	1712.465	1044.465	114.63	274.4899	115.1631	113.8938	0	55.80536	44.19464	44.19464	0	-9999	12
1711.565	1712.47	1044.47	112.29	373.1215	114.0156	116.182	0	73.35665	26.64335	26.64335	0	-9999	12
1711.57	1712.475	1044.475	114.99	426.8552	115.3585	113.8846	0	64.48532	35.51468	35.51468	0	-9999	12

1711.575	1712.481	1044.481	123.02	310.3675	122.4473	118.0216	0	58.03134	41.96866	41.96866	0	-9999	12
1711.58	1712.486	1044.486	114.86	377.1535	115.5205	114.733	0	65.13823	34.86177	34.86177	0	-9999	12
1711.585	1712.492	1044.492	115.52	378.0146	117.2765	118.5493	0	84.03068	15.96932	15.96932	0	-9999	12
1711.59	1712.497	1044.497	114.63	353.3488	115.2646	113.1832	0	62.60745	37.39255	37.39255	0	-9999	12
1711.595	1712.502	1044.502	121.63	470.8276	120.3725	116.3147	0	52.69292	47.30708	47.30708	0	-9999	12
1711.6	1712.508	1044.508	123.97	631.8397	122.1094	114.6424	0	54.55132	45.44868	45.44868	0	-9999	12
1711.605	1712.513	1044.513	130.19	952.8097	127.4827	122.36	0	60.19446	39.80554	39.80554	0	-9999	12
1711.61	1712.519	1044.519	124.55	726.9145	119.7134	112.3408	0	2.980214	97.01979	97.01979	0	-9999	12
1711.615	1712.524	1044.524	121.19	657.3779	116.754	108.0897	0	10.42077	89.57923	89.57923	0	-9999	12
1711.62	1712.53	1044.53	128.07	738.2677	122.4041	115.1734	0	0	100	100	0	-9999	12
1711.625	1712.535	1044.535	123.14	669.7545	121.598	116.0928	0	62.64201	37.35799	37.35799	0	-9999	12
1711.63	1712.54	1044.54	109.89	658.6205	105.6855	96.57915	0	23.79005	76.20995	76.20995	0	-9999	12
1711.635	1712.546	1044.546	120.5	535.9171	118.1845	109.5163	0	37.12602	62.87398	62.87398	0	-9999	12
1711.64	1712.551	1044.551	126.5	510.6026	127.0165	128.3394	0	100	0	0	0	-9999	12
1711.645	1712.557	1044.557	122.74	318.804	125.1332	128.97	0	100	0	0	0	-9999	12
1711.65	1712.562	1044.562	119.3	327.0084	118.3214	115.8362	0	44.52175	55.47825	55.47825	0	-9999	12
1711.655	1712.567	1044.567	111.13	599.7825	112.6231	115.3333	0	82.49652	17.50348	17.50348	0	-9999	12
1711.66	1712.573	1044.573	119.8	679.5595	122.7531	120.0063	0	100	0	0	0	-9999	12
1711.665	1712.578	1044.578	120.99	657.4902	120.4604	121.5677	0	77.92725	22.07275	22.07275	0	-9999	12
1711.67	1712.584	1044.584	114.26	459.5455	116.4278	123.5524	0	91.77877	8.221235	8.221235	0	-9999	12
1711.675	1712.589	1044.589	104.51	338.3513	108.6781	112.9811	0	77.08013	22.91987	22.91987	0	-9999	12
1711.68	1712.595	1044.595	104.86	285.9543	110.1257	114.3849	0	86.7128	13.2872	13.2872	0	-9999	12
1711.685	1712.6	1044.6	112.44	67.14973	113.5616	114.5446	11.61235	44.8971	43.49054	27.41243	16.07812	28.52596	12
1711.69	1712.605	1044.605	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1712.035	1712.979	1044.979	129.9731	112.5091	130.6584	130.6919	0	100	0	0	0	-9999	-9999
1712.04	1712.984	1044.984	128.7866	120.7371	130.6336	131.4822	0	100	0	0	0	-9999	-9999
1712.045	1712.99	1044.99	128.9767	127.5918	130.0427	133.8239	0	100	0	0	0	-9999	-9999
1712.05	1712.995	1044.995	85.41536	144.1125	85.53812	88.42844	25.59128	10.86448	63.54424	35.14843	28.39582	29.82404	-9999
1712.055	1713	1045	77.64	112.65	77.8	79.35	40.0699	5.881225	54.04887	36.67925	17.36963	30.38354	-9999
1712.06	1713.006	1045.006	75.52	132.37	76.26	77.63	32.75306	7.769271	59.47767	31.01546	28.46221	29.76839	-9999
1712.065	1713.011	1045.011	72.17	137.72	73.71	73.53	28.34036	8.511342	63.1483	29.25557	33.89272	29.9079	-9999
1712.07	1713.017	1045.017	71.73	122.54	73.04	74.84	34.20122	6.920351	58.87843	31.83197	27.04645	29.72645	-9999
1712.075	1713.022	1045.022	75.21	89.85	75.69	76.47	45.3431	4.265368	50.39153	23.94451	26.44702	31.19892	-9999
1712.08	1713.028	1045.028	76.48	72.57	76.85	77	49.20896	3.269326	47.52171	30.13151	17.39021	32.0929	-9999
1712.085	1713.033	1045.033	78.71	91.25	78.83	78.57	44.5743	4.687069	50.73863	24.62369	26.11494	31.47452	-9999
1712.09	1713.038	1045.038	78.25	100.78	78.94	78.95	38.27374	6.517512	55.20875	33.22257	21.98618	30.84669	-9999
1712.095	1713.044	1045.044	78.81	85.39	79.38	80.75	42.41292	5.405332	52.18175	25.9539	26.22785	31.12705	-9999
1712.1	1713.049	1045.049	85.59379	92.7787	86.20694	86.24996	34.04935	9.137112	56.81354	25.45701	31.35653	31.07321	11
1712.105	1713.055	1045.055	88.42375	86.15249	88.98513	88.71017	33.45052	10.13918	56.41029	25.84218	30.56811	31.2557	11
1712.11	1713.06	1045.06	93.92787	74.308	94.52726	94.18643	30.95855	13.44065	55.6008	35.07662	20.52418	31.30495	11
1712.115	1713.065	1045.065	93.46237	70.03646	93.22786	94.42384	38.88322	8.639906	52.47687	37.60808	14.86879	31.61366	11
1712.12	1713.071	1045.071	93.98221	83.6618	94.27583	92.26747	31.01464	12.54019	56.44517	26.35913	30.08604	31.57638	11
1712.125	1713.076	1045.076	95.03871	140.5954	94.4254	96.01764	23.29341	12.40819	64.29841	37.67152	26.62688	30.52361	11
1712.13	1713.082	1045.082	96.38626	125.5292	95.49588	95.79267	27.84699	10.63485	61.51816	25.58732	35.93084	30.94778	11
1712.135	1713.087	1045.087	91.81788	101.3113	91.15907	89.06705	36.11601	7.933058	55.95093	34.7909	21.16003	31.70463	11
1712.14	1713.092	1045.092	85.8369	103.6471	86.56685	88.51717	30.29039	10.40899	59.30062	24.79524	34.50538	30.50813	11
1712.145	1713.098	1045.098	92.43658	80.94131	93.0785	94.22229	30.39566	12.91299	56.69135	27.07623	29.61512	30.96976	11
1712.15	1713.103	1045.103	90.75684	99.59778	90.15465	91.2548	37.06801	7.582926	55.34906	29.23417	26.11489	31.14213	11
1712.155	1713.109	1045.109	91.64349	117.6444	90.57381	94.01539	35.50805	7.191502	57.30045	25.18087	32.11958	30.49303	11
1712.16	1713.114	1045.114	92.43	79.92218	91.9283	93.65509	39.51143	7.483992	53.00458	28.43345	24.57113	31.47044	11
1712.165	1713.12	1045.12	89.19402	85.81796	88.4698	88.76868	42.78626	5.518315	51.69542	32.48919	19.20623	31.83614	11
1712.17	1713.125	1045.125	93.48516	85.24156	93.09838	93.6727	36.36279	8.942411	54.6948	33.91672	20.77808	31.41857	11
1712.175	1713.13	1045.13	91.68	105.0955	90.97065	88.13327	35.71871	7.90656	56.37473	28.91539	27.45933	31.77698	11
1712.18	1713.136	1045.136	91.97	68.20324	92.07479	91.87685	38.0703	9.201652	52.72805	31.76986	20.95819	31.76601	11
1712.185	1713.141	1045.141	83.17115	66.82286	84.13009	85.6131	39.87964	7.200664	52.9197	32.43572	20.48397	31.3988	11
1712.19	1713.147	1045.147	78.77439	79.68084	79.92756	81.15688	39.30775	6.441514	54.25074	33.7645	20.48624	31.07616	11
1712.195	1713.152	1045.152	78.85	74.66201	79.47052	81.01639	44.58074	4.819642	50.59962	24.5231	26.07652	31.45821	11
1712.2	1713.157	1045.157	78.47654	91.55988	79.05237	79.26967	41.18137	5.709393	53.10924	20.15083	32.9584	31.13152	11
1712.205	1713.163	1045.163	80.30609	85.21804	81.08554	81.71131	39.45484	6.538564	54.0066	33.33231	20.67428	31.14633	11
1712.21	1713.168	1045.168	77.22	89.69714	77.22	76.28184	47.25089	3.851124	48.89798	23.49431	25.40367	31.7879	11
1712.215	1713.174	1045.174	78.02833	79.17931	78.67847	79.14441	44.01392	4.880845	51.10524	21.84367	29.26157	31.49318	11
1712.22	1713.179	1045.179	78.52	85.648	78.85686	78.57433	44.42415	4.757703	50.81815	33.56806	17.25009	31.56232	11
1712.225	1713.184	1045.184	80.44	92.8378	80.77401	81.39749	40.9399	5.938535	53.12157	33.50916	19.61241	31.10242	11
1712.23	1713.19	1045.19	114.9958	106.9066	115.7249	119.7662	2.682487	48.24477	49.07274	49.07274	0	-9999	11
1712.235	1713.195	1045.195	116.8579	100.7337	117.1929	116.0601	5.516448	46.20926	48.27429	48.27429	0	-9999	11
1712.24	1713.201	1045.201	116.0259	112.9055	116.3281	118.5869	3.590727	44.59277	51.8165	51.8165	0	-9999	11
1712.245	1713.206	1045.206	117.46	105.7794	117.6998	118.8511	4.47938	46.42349	49.09713	45.15525	3.941888	-9999	11
1712.25	1713.212	1045.212	113.8958	104.0457	114.3694	116.311	6.366582	41.83533	51.79808	41.62134	10.17674	-9999	11
1712.255	1713.217	1045.217	114.7575	110.1139	114.4883	115.6283	9.86153	33.4928	56.64567	48.52593	8.119747	29.83433	11
1712.26	1713.222	1045.222	109.9567	104.9592	110.7971	113.8787	6.926368	38.49207	54.58156	46.19904	8.382516	-9999	11
1712.265	1713.228	1045.228	110.3568	99.13356	110.3256	110.5438	14.72306	28.72507	56.55188	46.83991	9.711965	30.23755	11
1712.27	1713.233	1045.233	113.1557	97.4087	114.3208	117.4382	3.294337	49.30701	47.39866	47.39866	0	-9999	11
1712.275	1713.239	1045.239	117.842	106.8037	118.6265	119.3148	0	56.69257	43.30743	43.30743	0	-9999	11

1712.28	1713.244	1045.244	119.2222	117.2222	120.2678	123.2601	0	66.37329	33.62671	33.62671	0	-9999	11
1712.285	1713.249	1045.249	117.1119	115.1967	118.1978	122.126	0	60.26069	39.73931	39.73931	0	-9999	11
1712.29	1713.255	1045.255	121.4749	140.9695	122.5612	125.8526	0	76.75489	23.24511	23.24511	0	-9999	11
1712.295	1713.26	1045.26	120.1546	115.0098	121.478	123.7213	0	74.8946	25.1054	25.1054	0	-9999	11
1712.3	1713.266	1045.266	120.9748	123.4277	121.946	122.545	0	71.35809	28.64191	28.64191	0	-9999	11
1712.305	1713.271	1045.271	122.2388	135.8394	122.564	125.5562	0	63.00799	36.99201	36.99201	0	-9999	11
1712.31	1713.276	1045.276	121.7901	151.2644	121.644	126.8072	0	53.08856	46.91144	46.91144	0	-9999	11
1712.315	1713.282	1045.282	120.1361	167.0281	120.3298	120.7172	0	56.45755	43.54245	43.54245	0	-9999	11
1712.32	1713.287	1045.287	113.3915	130.5514	114.7311	116.2756	0	54.61767	45.38233	45.38233	0	-9999	11
1712.325	1713.293	1045.293	111.18	120.2636	111.9617	113.1187	2.552063	41.28261	56.16533	56.16533	0	-9999	11
1712.33	1713.298	1045.298	113.6115	133.1548	114.5576	117.4433	0	49.78332	50.21668	50.21668	0	-9999	11
1712.335	1713.304	1045.304	81.51242	85.83674	82.39794	84.9424	37.37333	7.425453	55.20122	34.43773	20.76349	30.72142	11
1712.34	1713.309	1045.309	79.37275	87.36989	80.2571	80.70473	38.97987	6.548765	54.47136	26.35625	28.11511	31.08371	11
1712.345	1713.314	1045.314	77.98	78.9025	79.14986	82.11785	40.09756	6.07613	53.82631	27.51763	26.30868	30.78204	11
1712.35	1713.32	1045.32	78.22473	73.45396	77.97408	79.3799	52.19993	2.482142	45.31792	17.03716	28.28076	32.29148	11
1712.355	1713.325	1045.325	75.56288	101.8617	75.01229	76.32269	50.09869	3.121115	46.78019	25.29459	21.4856	31.31631	11
1712.36	1713.331	1045.331	79.27469	103.7042	78.02592	76.39806	51.64884	2.498033	45.85313	26.09694	19.75618	32.25925	11
1712.365	1713.336	1045.336	81.93215	104.335	82.35306	83.11733	36.11134	7.553304	56.33535	34.9718	21.36355	30.71093	11
1712.37	1713.341	1045.341	85.38384	87.71226	85.65454	86.85014	38.12256	7.533158	54.34428	33.52506	20.81922	31.10406	11
1712.375	1713.347	1045.347	87.60719	99.85924	88.55398	91.63392	27.89778	12.03855	60.06367	40.31631	19.74736	30.36509	11
1712.38	1713.352	1045.352	91.51162	97.98283	92.26686	94.63714	26.24437	13.88796	59.86767	27.3277	32.53997	30.53868	11
1712.385	1713.358	1045.358	95.49	98.3411	95.76198	97.03913	26.24278	14.57791	59.17932	31.26319	27.91612	30.75866	11
1712.39	1713.363	1045.363	93.55	89.25195	94.30046	97.27887	26.51893	14.91299	58.56808	30.36134	28.20673	30.47826	11
1712.395	1713.368	1045.368	90.35688	103.2457	91.23526	92.20609	25.07882	13.92582	60.99536	29.86338	31.13197	30.75468	11
1712.4	1713.374	1045.374	88.19424	88.76474	88.90354	91.31747	31.88311	10.75134	57.36555	29.26433	28.10122	30.67166	11
1712.405	1713.379	1045.379	83.74763	95.22039	84.7879	86.49932	31.84673	9.68855	58.46472	28.79078	29.67395	30.63674	11
1712.41	1713.385	1045.385	84.21242	103.6096	85.3224	88.46173	28.84872	10.74713	60.40414	28.12723	32.27691	30.25357	11
1712.415	1713.39	1045.39	93.46	118.5648	94.37432	98.53565	18.23814	17.65487	64.10699	47.48202	16.62497	30.22052	11
1712.42	1713.396	1045.396	90.80474	109.1153	91.49949	95.12381	24.66938	13.83922	61.49139	37.25463	24.23676	30.22347	11
1712.425	1713.401	1045.401	95.24725	92.44702	96.22759	98.35365	22.40266	17.91381	59.68353	44.70373	14.9798	30.56629	11
1712.43	1713.406	1045.406	96.62188	122.0293	97.04968	99.47384	18.26139	18.01725	63.72137	49.21255	14.50882	30.50922	11
1712.435	1713.412	1045.412	96.47625	105.2465	96.85626	100.502	22.82708	16.47695	60.69598	36.20719	24.48879	30.25902	11
1712.44	1713.417	1045.417	93.93175	102.6565	94.65999	95.88156	23.09603	16.02729	60.87668	40.15559	20.72109	30.7212	11
1712.445	1713.423	1045.423	95.56268	123.2135	95.17229	92.90093	25.29019	12.71097	61.99884	45.34459	16.65425	31.32865	11
1712.45	1713.428	1045.428	96.68245	126.4555	96.74188	98.58425	19.98932	16.21807	63.79261	34.1681	29.6245	30.584	11
1712.455	1713.433	1045.433	97.29233	124.609	97.08974	96.86331	21.90577	15.02563	63.0686	33.40529	29.66331	30.96807	11
1712.46	1713.439	1045.439	94.15296	116.847	94.81146	97.52775	19.99896	16.8081	63.19294	38.23905	24.95388	30.43379	11
1712.465	1713.444	1045.444	92.98152	102.0586	93.66056	96.00208	24.49626	14.94914	60.55459	30.72317	29.83143	30.51665	11
1712.47	1713.45	1045.45	88.00479	141.7928	88.79825	94.36395	18.57245	14.53717	66.89038	46.42205	20.46834	29.74957	11
1712.475	1713.455	1045.455	91.48664	128.1357	92.53647	96.43249	16.68728	17.27586	66.03686	49.0584	16.97846	30.30933	11
1712.48	1713.461	1045.461	92.82169	121.2116	93.16067	96.65565	22.64375	14.45445	62.90179	35.81572	27.08608	30.21003	11
1712.485	1713.466	1045.466	94.51355	151.3707	95.23179	100.5892	10.84945	19.76649	69.38406	56.88015	12.50391	30.32437	11
1712.49	1713.471	1045.471	94.9	120.8262	95.91447	99.08763	15.58993	19.6801	64.72997	46.49578	18.23419	30.48729	11
1712.495	1713.477	1045.477	89.3415	125.3787	88.74336	88.12222	32.09977	8.733516	59.16672	35.7475	23.41922	30.87874	11
1712.5	1713.482	1045.482	88.18	198.0863	86.67011	80.36745	22.63918	9.911454	67.44936	44.81157	22.63779	31.0566	11
1712.505	1713.488	1045.488	87.9455	185.2205	85.28947	81.49514	34.85103	5.138929	60.01004	42.13033	17.87972	30.68431	11
1712.51	1713.493	1045.493	82.72114	180.3253	79.67641	72.37371	43.85454	3.694315	52.45115	33.65851	18.79264	31.35811	11
1712.515	1713.498	1045.498	88.1393	81.93409	88.40398	87.74803	37.03251	8.540089	54.42741	37.15174	17.27567	31.54142	11
1712.52	1713.504	1045.504	94.08	68.16479	94.49139	95.71382	33.76222	12.17448	54.0633	36.25089	17.81241	31.20346	11
1712.525	1713.509	1045.509	99.14602	75.20954	99.20605	95.20803	30.11972	14.81863	55.06165	33.47263	21.58903	31.93081	11
1712.53	1713.515	1045.515	97.14	79.83657	97.46154	98.00934	28.81884	14.99662	56.18454	29.72694	26.45761	31.01515	11
1712.535	1713.52	1045.52	94.42177	93.13483	94.77493	95.76376	27.85639	13.8224	58.3212	25.16012	33.16108	30.8617	11
1712.54	1713.525	1045.525	90.26689	83.58984	90.44019	88.58009	35.38263	9.500755	55.11661	34.45326	20.66336	31.70684	11
1712.545	1713.531	1045.531	80.54099	58.3187	80.33214	79.94741	53.40778	2.245168	44.34705	30.79157	13.55548	33.19973	11
1712.55	1713.536	1045.536	81.34792	68.7286	80.70747	80.55288	53.49107	2.074852	44.43408	13.84018	30.5939	33.02973	11
1712.555	1713.542	1045.542	84.22757	91.68152	83.42017	82.08572	46.58106	3.967465	49.45148	35.28395	14.16753	32.15693	11
1712.56	1713.547	1045.547	83.58118	120.5327	85.11221	85.74921	22.07088	12.87255	65.05657	35.77037	29.28621	30.67061	11
1712.565	1713.553	1045.553	86.78136	82.79421	86.1111	85.37268	45.31945	4.619584	50.06097	30.18096	19.88001	32.19187	11
1712.57	1713.558	1045.558	96.78756	130.7649	95.62244	93.19711	28.33997	9.680202	61.97983	26.43638	35.54345	31.47365	11
1712.575	1713.563	1045.563	99.49405	153.5704	97.04126	92.62866	30.31052	4.688093	65.00139	41.25563	23.74576	32.14952	11
1712.58	1713.569	1045.569	93.13	113.5809	92.32231	92.06479	33.09342	8.68448	58.2221	40.26117	17.96093	31.15572	11
1712.585	1713.574	1045.574	97.43615	103.585	96.11268	93.07227	35.54808	7.245645	57.20627	21.54357	35.6627	32.15064	11
1712.59	1713.58	1045.58	105.3169	97.08067	104.9235	102.9566	22.66369	18.71158	58.62473	25.50965	33.11508	31.24434	11
1712.595	1713.585	1045.585	103.8508	100.4701	104.2675	102.9684	16.91425	24.20984	58.87591	43.47112	15.40479	30.92146	11
1712.6	1713.59	1045.59	106.0558	129.6039	106.4875	107.8197	7.718696	29.28185	62.99945	53.39768	9.601774	-9999	11
1712.605	1713.596	1045.596	105.6829	82.58485	106.0149	103.8873	20.21272	24.66162	55.12566	37.22632	17.89934	30.87225	11
1712.61	1713.601	1045.601	100.4341	93.98102	100.8927	101.2306	21.30344	20.07658	58.61998	37.19129	21.42869	30.76832	11
1712.615	1713.607	1045.607	99.078	109.7959	99.11401	100.9741	21.99862	16.93629	61.06509	35.77139	25.29371	30.58653	11
1712.62	1713.612	1045.612	99.92224	97.21507	99.68144	97.03258	26.41173	14.97392	58.61435	29.9002	28.71414	31.53532	11
1712.625	1713.617	1045.617	101.5685	117.4533	101.1443	97.56877	21.42093	16.41901	62.16006	40.264	21.89606	31.64452	11
1712.63	1713.623	1045.623	91.60162	89.85038	90.60191	88.05613	41.73049	5.597635	52.67188	17.60038	35.0715	32.34908	11
1712.635	1713.628	1045.628	88.82	64.13373	88.32662	87.90208	46.58894	4.783679	48.62738	34.28786	14.33952	32.62303	11
1712.64	1713.634	1045.634	95.02079	79.55109	94.9264	91.30443	34.06098	10.98557	54.95345	22.34283	32.61062	32.08882	11

1712.645	1713.639	1045.639	92.98339	88.06228	92.80795	90.6091	34.50387	9.855168	55.64096	29.56857	26.07239	31.75825	11
1712.65	1713.645	1045.645	94.08351	83.23172	94.62415	93.75442	29.11112	13.86499	57.02389	30.72639	26.2975	31.28192	11
1712.655	1713.65	1045.65	95.79184	92.82214	95.70896	99.61641	30.05091	12.47973	57.46936	40.82371	16.64565	30.42958	11
1712.66	1713.655	1045.655	90.69158	83.90137	91.28191	94.70816	31.68453	11.59441	56.72106	28.00962	28.71144	30.55699	11
1712.665	1713.661	1045.661	89.86153	83.44772	90.40342	89.48105	32.9334	10.79296	56.27364	38.24089	18.03275	31.40172	11
1712.67	1713.666	1045.666	86.5673	71.6195	86.86237	86.73753	40.73941	7.118864	52.14172	19.84197	32.29975	31.78064	11
1712.675	1713.672	1045.672	78.17	75.2112	78.71217	79.15675	45.68067	4.412166	49.90716	16.16173	33.74543	31.71241	11
1712.68	1713.677	1045.677	65.12	49.61	64	65.34	76.76398	0	23.23602	9.411074	13.82495	33.05905	12
1712.685	1713.682	1045.682	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1713.045	1714.072	1046.072	77.96	58.19307	77.94607	81.2327	54.30201	1.911584	43.78641	19.21155	24.57486	32.51199	10
1713.05	1714.078	1046.078	77.53	44.42969	76.98754	76.84845	62.12448	0	37.87552	11.77774	26.09778	34.31774	10
1713.055	1714.083	1046.083	84.87	56.08196	84.92698	84.77029	47.90618	4.4654	47.62842	19.21451	28.41391	32.65975	10
1713.06	1714.088	1046.088	86.85	66.49448	86.93603	89.00082	43.33958	6.174445	50.48597	26.52141	23.96456	31.68068	10
1713.065	1714.094	1046.094	88.01	68.71323	87.53482	87.63561	46.08488	4.823655	49.09146	34.8304	14.26106	32.36585	10
1713.07	1714.099	1046.099	87.72	52.82469	86.97173	86.05079	52.3131	2.656912	45.02999	24.4458	20.58419	33.60841	10
1713.075	1714.105	1046.105	85.72	41.72017	85.60573	85.24862	51.92694	3.302376	44.77068	23.75791	21.01277	33.49011	10
1713.08	1714.11	1046.11	86.08	51.83271	85.63666	86.0371	51.69879	3.036927	45.26428	13.67205	31.59223	33.19222	10
1713.085	1714.115	1046.115	89.01	48.50686	88.66321	89.29899	49.05978	4.374009	46.56621	28.76541	17.80081	32.94212	10
1713.09	1714.121	1046.121	84.26	46.19221	83.96146	82.18442	53.61599	2.441271	43.94274	19.09043	24.85231	33.8799	10
1713.095	1714.126	1046.126	83.77	45.12927	83.27323	82.98936	55.8603	1.604263	42.53544	22.2913	20.24414	33.96487	10
1713.1	1714.132	1046.132	88.91	72.77856	87.95646	88.46213	47.98029	3.668843	48.35086	25.4241	22.92677	32.53377	10
1713.105	1714.137	1046.137	90.55	52.08233	90.3757	89.11201	45.44092	6.066803	48.49228	24.14017	24.35211	32.82672	10
1713.11	1714.142	1046.142	91.32	42.52202	91.21805	91.18892	46.4854	6.152758	47.36184	20.47878	26.88306	32.84797	10
1713.115	1714.148	1046.148	90.12	45.21123	89.53989	86.07374	50.64433	3.723261	45.63241	25.11174	20.52067	34.02783	10
1713.12	1714.153	1046.153	88.36	39.84565	87.85525	88.25905	52.97796	2.909787	44.11225	28.3446	15.76765	33.6663	10
1713.125	1714.159	1046.159	89.48	47.15177	89.52343	89.37866	45.93109	6.058008	48.0109	31.39402	16.61688	32.69292	10
1713.13	1714.164	1046.164	95.55	62.48978	95.26914	95.60913	39.1481	9.191641	51.66026	21.57693	30.08332	31.88776	10
1713.135	1714.17	1046.17	86.56	39.95041	86.3307	87.2049	52.47386	3.150199	44.37594	27.46164	16.9143	33.40919	10
1713.14	1714.175	1046.175	90.13	41.37466	89.57875	88.21512	51.33995	3.585286	45.07477	25.50421	19.57056	33.79126	10
1713.145	1714.18	1046.18	93.65	52.88242	93.48848	94.0024	42.29621	7.952685	49.75111	25.93928	23.81183	32.20436	10
1713.15	1714.186	1046.186	96.08	53.26119	96.03557	97.99064	39.06155	10.23028	50.70817	32.2045	18.50367	31.61506	10
1713.155	1714.191	1046.191	88.46	48.29565	88.04083	88.301	50.17784	3.84127	45.98089	20.68976	25.29113	33.15251	10
1713.16	1714.197	1046.197	89.04	43.27973	89.0111	86.95888	47.83351	5.275036	46.89145	28.58137	18.31008	33.32215	10
1713.165	1714.202	1046.202	93.34	44.85409	93.04629	93.57497	45.54874	6.582163	47.8691	26.61605	21.25305	32.66514	10
1713.17	1714.207	1046.207	94.79	44.31419	94.70151	95.99939	42.75498	8.481652	48.76337	29.32786	19.43551	32.18751	10
1713.175	1714.213	1046.213	100.59	64.76694	100.3943	102.8932	33.30028	13.65391	53.04581	20.01298	33.03283	30.97414	10
1713.18	1714.218	1046.218	92.51	96.48687	91.7931	89.78869	37.09699	7.664724	55.23828	22.44414	32.79415	31.82284	10
1713.185	1714.224	1046.224	101.66	141.3463	101.2067	100.4059	15.78007	17.89679	66.32314	37.09004	29.23311	31.23761	10
1713.19	1714.229	1046.229	95.83	87.55196	95.77081	95.26769	31.10756	12.28171	56.61074	34.37891	22.23183	31.30899	10
1713.195	1714.234	1046.234	89.64	69.56416	90.34959	93.08658	35.19735	10.41303	54.38962	35.06395	19.32567	30.95782	10
1713.2	1714.24	1046.24	91.63	48.5981	91.61542	93.45297	44.05268	7.129636	48.81768	19.92096	28.89672	32.14399	10
1713.205	1714.245	1046.245	96.69	68.39622	97.86245	100.6081	25.40683	18.93238	55.66079	40.86189	14.79889	30.46011	10
1713.21	1714.251	1046.251	88.95	91.10909	89.4269	89.62923	32.42159	10.46243	57.11599	35.62913	21.48686	31.07845	10
1713.215	1714.256	1046.256	98.66	74.00695	98.74968	97.71839	30.62812	14.50108	54.8708	38.48917	16.38163	31.40894	10
1713.22	1714.262	1046.262	87.91	81.18236	88.52898	90.74581	34.67955	9.711956	55.60849	26.7388	28.86969	30.88146	10
1713.225	1714.267	1046.267	96.66	89.06274	97.4467	99.64352	23.4227	17.95862	58.61867	45.08337	13.5353	30.52732	10
1713.23	1714.272	1046.272	105.19	91.21963	104.4249	105.9704	27.0798	14.99947	57.92073	37.58916	20.33156	30.87005	10
1713.235	1714.278	1046.278	103.22	73.89383	103.0985	103.615	28.09725	17.2875	54.61525	36.81474	17.80051	30.91853	10
1713.24	1714.283	1046.283	99.48	81.49107	99.52497	98.50559	28.40902	15.44119	56.14979	30.28258	25.86721	31.27912	10
1713.245	1714.289	1046.289	94.11	88.02879	94.88959	97.11069	26.074	15.46356	58.46245	32.11154	26.35091	30.60352	10
1713.25	1714.294	1046.294	98.64	81.04888	98.71474	96.57721	29.05815	14.86345	56.0784	35.16701	20.9114	31.52216	10
1713.255	1714.299	1046.299	97.91	74.17495	97.73111	97.44788	33.35882	12.22382	54.41736	20.32317	34.09419	31.47992	10
1713.26	1714.305	1046.305	98.77	75.60845	98.3812	98.35129	33.84755	11.66345	54.489	20.34237	34.14663	31.49799	10
1713.265	1714.31	1046.31	97.09	78.84309	96.98595	99.58711	32.40353	12.36531	55.23116	20.91668	34.31448	30.85643	10
1713.27	1714.316	1046.316	99.68	87.95529	99.89001	98.92996	25.38164	17.17133	57.44704	28.13446	29.31257	31.1269	10
1713.275	1714.321	1046.321	96.24	80.80034	96.4919	95.32131	29.95331	13.88813	56.15856	30.8326	25.32597	31.38372	10
1713.28	1714.327	1046.327	98.65	80.51087	99.21807	100.713	25.35582	18.02811	56.61607	24.13069	32.48539	30.65728	10
1713.285	1714.332	1046.332	99.72	77.5405	100.0951	101.2054	26.58567	17.63225	55.78208	23.60563	32.17644	30.7578	10
1713.29	1714.337	1046.337	101.94	81.38837	101.9098	103.2407	26.75365	17.21756	56.02879	32.09009	23.9387	30.73279	10
1713.295	1714.343	1046.343	101.34	71.4746	101.3098	100.5251	29.70427	15.96594	54.3298	25.5581	28.77169	31.28169	10
1713.3	1714.348	1046.348	107.94	71.45948	108.0327	110.4287	22.68323	24.69607	52.6207	36.88568	15.73502	29.91973	10
1713.305	1714.354	1046.354	107.73	67.27573	107.8227	110.3399	23.88958	24.12166	51.98877	23.38028	28.60849	29.93969	10
1713.31	1714.359	1046.359	110.09	88.15457	109.7785	117.0358	19.79771	24.45067	55.75162	32.63851	23.11311	29.07707	10
1713.315	1714.364	1046.364	108.05	89.11933	108.0964	111.0033	18.66762	25.56789	55.76449	35.60085	20.16364	29.86242	10
1713.32	1714.37	1046.37	104.88	64.44642	104.9717	102.6023	27.20355	20.25943	52.53702	26.00784	26.52918	31.22418	10
1713.325	1714.375	1046.375	101.43	70.24095	102.2304	105.2208	23.48264	22.16538	54.35198	35.9722	18.37978	30.14282	10
1713.33	1714.381	1046.381	97.49	82.52064	97.99636	100.0069	26.41488	16.62244	56.96268	40.69583	16.26685	30.6262	10
1713.335	1714.386	1046.386	95.49	89.35468	95.93359	98.95	27.08755	14.92117	57.99128	33.14807	24.84321	30.47161	10
1713.34	1714.391	1046.391	93.73	83.24635	93.59768	93.64178	34.6483	10.19616	55.15554	38.0486	17.10694	31.3976	10
1713.345	1714.397	1046.397	100.89	69.47409	100.7091	101.5381	31.77014	14.33753	53.89233	29.36098	24.53135	31.15708	10
1713.35	1714.402	1046.402	95.61	66.24871	96.26071	97.41424	30.96361	14.62746	54.40893	37.76841	16.64052	31.03289	10
1713.355	1714.408	1046.408	92.38	57.68647	92.10228	92.32153	43.20264	6.980157	49.8172	20.14531	29.67189	32.29414	10
1713.36	1714.413	1046.413	99.58	51.85001	99.62499	99.20508	35.49002	13.53047	50.97952	18.19185	32.78767	31.68314	10

1713.365	1714.419	1046.419	92.57	67.20718	92.57	91.47216	38.57146	9.024455	52.40408	22.22931	30.17477	31.98736	10
1713.37	1714.424	1046.424	91.83	65.80094	91.94672	90.92541	38.68799	9.005941	52.30607	26.58153	25.72454	31.97472	10
1713.375	1714.429	1046.429	91.5	56.62061	91.54372	90.77138	41.77901	7.854223	50.36677	19.82745	30.53932	32.29416	10
1713.38	1714.435	1046.435	95.17	48.0729	95.25859	94.60896	40.12342	9.941611	49.93497	21.88152	28.05344	32.21347	10
1713.385	1714.44	1046.44	97.46	49.12003	97.65349	97.04325	36.9502	12.42905	50.62076	27.3968	23.22396	31.86847	10
1713.39	1714.446	1046.446	95.27	39.02318	95.25523	96.31838	43.02243	8.847632	48.12994	33.39505	14.73489	32.29312	10
1713.395	1714.451	1046.451	84.98	51.45618	84.43809	83.15462	53.5658	2.298958	44.13524	18.28617	25.84907	33.73663	10
1713.4	1714.456	1046.456	95.79	72.71983	95.55323	93.37786	36.11	10.27895	53.61105	20.44785	33.1632	32.02276	10
1713.405	1714.462	1046.462	100.18	61.60305	100.2702	100.0898	32.22764	15.04952	52.72285	36.36925	16.3536	31.34097	10
1713.41	1714.467	1046.467	92.13	68.00991	91.95471	90.36248	40.14051	8.004768	51.85473	31.04348	20.81124	32.20844	10
1713.415	1714.473	1046.473	91.61	57.21445	91.52253	91.4059	42.55079	7.373834	50.07537	28.08474	21.99063	32.2567	10
1713.42	1714.478	1046.478	96.13	63.29888	96.17446	97.87863	35.89753	11.44346	52.65901	27.4309	25.22811	31.31406	10
1713.425	1714.483	1046.483	103.06	53.97335	102.9233	103.5156	33.18255	15.66169	51.15575	25.98238	25.17337	31.24006	10
1713.43	1714.489	1046.489	104.28	52.51468	104.2037	104.1427	31.94487	17.3295	50.72563	31.02268	19.70295	31.18217	10
1713.435	1714.494	1046.494	94.23	52.72172	94.09753	95.09841	41.57638	8.453402	49.97021	16.49185	33.47836	32.04204	10
1713.44	1714.5	1046.5	98.74	54.5886	98.56058	98.2167	37.33925	11.54315	51.1176	25.74937	25.36823	31.88308	10
1713.445	1714.505	1046.505	90.42	56.42001	90.26022	88.25573	44.39824	6.352009	49.24975	23.71605	25.5337	32.78635	10
1713.45	1714.511	1046.511	98.62	51.74629	98.63494	96.6473	36.63118	12.48712	50.8817	19.41871	31.46299	32.09646	10
1713.455	1714.516	1046.516	98.53	57.12661	98.36566	95.94536	36.8014	11.64344	51.55516	32.73272	18.82244	32.20531	10
1713.46	1714.521	1046.521	100.45	46.24695	100.5102	100.3748	35.9278	14.06004	50.01216	34.90613	15.10603	31.65551	10
1713.465	1714.527	1046.527	95.96	51.4963	95.66392	95.9748	41.54933	8.634747	49.81593	33.72142	16.0945	32.21863	10
1713.47	1714.532	1046.532	98.86	52.84629	98.71039	98.83008	37.41945	11.71124	50.86931	28.21354	22.65577	31.80479	10
1713.475	1714.538	1046.538	97.35	67.53303	96.90371	96.02602	37.55373	9.784523	52.66175	18.16677	34.49498	31.98119	10
1713.48	1714.543	1046.543	94.94	58.92397	94.26154	92.60964	43.65366	6.507938	49.83841	16.11666	33.72175	32.79429	10
1713.485	1714.548	1046.548	99.25	63.91701	99.41477	100.0589	31.94514	14.83996	53.2149	24.14094	29.07396	31.17396	10
1713.49	1714.554	1046.554	100.55	77.61012	100.0083	98.26272	32.91071	12.10763	54.98166	23.01474	31.96692	31.77823	10
1713.495	1714.559	1046.559	98.04	53.08246	97.72682	97.54786	39.38438	10.08001	50.5356	32.98137	17.55424	32.08674	10
1713.5	1714.565	1046.565	89.83	40.1967	89.55467	88.42437	49.76261	4.482168	45.75523	18.55866	27.19657	33.49226	10
1713.505	1714.57	1046.57	82.93	31.82304	82.37779	81.72647	60.28282	0.279684	39.4375	26.09899	13.33851	35.0161	10
1713.51	1714.575	1046.575	73.18	36.03557	73.05645	73.18	64.91127	0	35.08873	7.864102	27.22463	33.69795	10
1713.515	1714.581	1046.581	71.83	35.59327	71.52917	71.26936	67.63426	0	32.36574	15.1145	17.25124	33.427	10
1713.52	1714.586	1046.586	77.45	42.23954	77.5335	78.75823	57.87687	0.899381	41.22374	23.73639	17.48735	33.73755	10
1713.525	1714.592	1046.592	80.44	49.44602	80.34175	81.01547	54.79071	1.895662	43.31362	22.27206	21.04156	33.35773	10
1713.53	1714.597	1046.597	82.69	60.91206	82.18096	81.40327	53.12951	2.290575	44.57992	20.53227	24.04765	33.29596	10
1713.535	1714.603	1046.603	78.74	59.30242	78.72604	80.88999	53.31621	2.224352	44.45944	21.23702	23.22241	32.59318	10
1713.54	1714.608	1046.608	80.24	49.70924	80.26806	80.1418	53.93213	2.16797	43.8999	25.95304	17.94686	33.35961	10
1713.545	1714.613	1046.613	78.46	47.58849	78.39026	77.5673	56.84089	1.218008	41.9411	27.74558	14.19552	33.89181	10
1713.55	1714.619	1046.619	79.64	48.37331	79.45795	78.88379	56.43575	1.361291	42.20296	28.89588	13.30708	33.82806	10
1713.555	1714.624	1046.624	79.76	45.82505	79.59194	79.4939	56.83363	1.260303	41.90607	14.40549	27.50058	33.85977	10
1713.56	1714.63	1046.63	81.78	48.46788	81.39937	83.23205	55.98309	1.519744	42.49717	30.73695	11.76022	33.42441	10
1713.565	1714.635	1046.635	80.99	49.44992	81.0603	81.25715	52.97746	2.522311	44.50022	32.51384	11.98639	33.20029	10
1713.57	1714.64	1046.64	76.94	44.55078	76.48194	75.35762	61.98387	0	38.01613	14.77601	23.24012	34.49548	10
1713.575	1714.646	1046.646	77.15	41.32339	76.88607	76.83051	61.06717	0	38.93283	12.95799	25.97484	34.54178	10
1713.58	1714.651	1046.651	76.63	39.62019	76.43582	76.32487	61.41717	0	38.58283	8.105828	30.477	34.48059	10
1713.585	1714.657	1046.657	73.24	55.89051	73.1439	73.80286	59.83845	0.351841	39.80971	21.23326	18.57644	33.65476	10
1713.59	1714.662	1046.662	70.84	57.25463	70.22625	70.53995	65.72812	0	34.27188	15.08306	19.18883	33.43662	10
1713.595	1714.667	1046.667	70.18	48.31401	69.18637	69.13193	71.44302	0	28.55698	7.173243	21.38374	33.20627	10
1713.6	1714.673	1046.673	70.27	49.85362	69.08544	68.66336	72.46733	0	27.53267	7.583491	19.94918	33.2733	10
1713.605	1714.678	1046.678	77.56	50.80028	76.93384	75.87633	61.20385	0	38.79615	9.494487	29.30166	34.53374	10
1713.61	1714.684	1046.684	76.87	45.41339	76.71731	76.88388	59.47287	0.435453	40.09168	28.6252	11.46648	34.11432	10
1713.615	1714.689	1046.689	71.22	45.59047	70.59191	68.77591	68.31241	0	31.68759	10.33843	21.34917	33.65194	10
1713.62	1714.695	1046.695	69.78	54.74138	69.03216	68.62425	68.35072	0	31.64928	11.46476	20.18451	33.38463	10
1713.625	1714.7	1046.7	71.71	65.04946	70.47975	68.64804	67.81928	0	32.18072	9.516237	22.66448	33.74207	10
1713.63	1714.705	1046.705	77.34	91.01248	76.2143	76.63122	55.54638	1.573259	42.88036	13.06819	29.81216	32.52479	10
1713.635	1714.711	1046.711	73.68	45.6215	73.10255	72.27762	65.64924	0	34.35076	8.431692	25.91907	33.77248	10
1713.64	1714.716	1046.716	70.81	43.44177	70.11458	68.71011	69.73139	0	30.26861	22.73771	7.530899	33.48881	10
1713.645	1714.722	1046.722	72.4	38.8619	72.08498	71.70148	66.42883	0	33.57117	14.00283	19.56834	33.57577	10
1713.65	1714.727	1046.727	71.18	40.18858	70.85236	71.33017	67.32798	0	32.67202	17.11511	15.5569	33.27166	10
1713.655	1714.732	1046.732	69.05	35.01576	68.57492	68.23557	71.68208	0	28.31792	18.92419	9.393728	33.11854	10
1713.66	1714.738	1046.738	72.34	39.55939	72.17562	72.09343	65.14776	0	34.85224	24.01237	10.83987	33.63031	10
1713.665	1714.743	1046.743	69.16	34.08636	68.99701	70.04284	69.38704	0	30.61296	9.103508	21.50946	32.90203	10
1713.67	1714.749	1046.749	69.99	31.53949	69.62263	69.71788	70.82373	0	29.17627	6.033877	23.14239	33.08187	10
1713.675	1714.754	1046.754	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1714.025	1715.131	1047.131	74.58	72.92	74.16	76.67	56.99476	1.207552	41.79769	25.77213	16.02556	32.55167	10
1714.03	1715.136	1047.136	78.66	66.87	78.31	77.82	54.16276	1.929894	43.90735	22.91923	20.98812	33.05047	10
1714.035	1715.142	1047.142	78.44	68.5	78.73	79	49.0107	3.462035	47.52727	30.43544	17.09183	32.20487	10
1714.04	1715.147	1047.147	79.33	73.05	79.66	80.06	46.7808	4.17879	49.04041	33.66882	15.37159	31.9027	10
1714.045	1715.152	1047.152	82.37	118.07	82.12	82.53	37.58416	6.767752	55.64809	28.99317	26.65492	30.60772	10
1714.05	1715.157	1047.157	82.04	90.51	81.82	80.88	44.32478	4.878487	50.79673	17.62659	33.17015	31.74337	10
1714.055	1715.162	1047.162	82.57	90.41	82.22	81.47	44.86888	4.688297	50.44282	30.75698	19.68584	31.78718	10
1714.06	1715.167	1047.167	80.83	95.86	80.61	77.78	44.14328	4.842226	51.01449	20.54997	30.46452	31.91991	10
1714.065	1715.172	1047.172	79.53	86.04	79.55	79.73	45.85572	4.362948	49.78133	22.79903	26.98231	31.62462	10
1714.07	1715.177	1047.177	81.96	92.73	81.69	79.1	44.24864	4.864794	50.88657	29.93872	20.94784	31.99925	10

1714.075	1715.182	1047.182	83.36	87.59	82.91	80.19	45.59952	4.472704	49.92778	23.59949	26.32828	32.31056	10
1714.08	1715.187	1047.187	82.95	84.02	82.84	81.14	44.20566	5.072373	50.72197	28.62827	22.09369	32.02608	10
1714.085	1715.192	1047.192	82.5	86.79	82.31	80.73	44.56932	4.869203	50.56148	19.36878	31.1927	31.96912	10
1714.09	1715.198	1047.198	80.58	72.23	80.78	80.21	46.83674	4.251043	48.91222	27.58725	21.32497	32.15863	10
1714.095	1715.203	1047.203	71.64	98.51	70.63	68	58.07928	1.409745	40.51098	27.75127	12.7597	32.89732	10
1714.1	1715.208	1047.208	67.71	111.64	65.77	60.59	65.72492	0.632441	33.64264	27.3549	6.287738	34.11591	10
1714.105	1715.213	1047.213	74.47	92.5	73.96	69.93	53.0551	2.338567	44.60633	13.81962	30.78671	32.76876	10
1714.11	1715.218	1047.218	73.82	67.97	74.01	74.59	54.16436	1.829581	44.00606	12.53439	31.47167	32.55669	10
1714.115	1715.223	1047.223	69.07	87.44	67.93	61.8	64.13012	0.150911	35.71897	24.77503	10.94394	34.6775	10
1714.12	1715.228	1047.228	72.69	81.39	72.58	71.24	54.28132	1.924794	43.79389	28.0521	15.74179	32.56658	10
1714.125	1715.233	1047.233	78.18	60.88	78.71	79.49	49.23394	3.419877	47.34618	21.51365	25.83253	32.26817	10
1714.13	1715.238	1047.238	78.84	54.43	79.36	79.79	50.26514	3.205495	46.52937	29.4216	17.10776	32.60366	10
1714.135	1715.243	1047.243	75.03	61.1	75.58	75.61	51.9237	2.409584	45.66672	16.20297	29.46375	32.57551	10
1714.14	1715.248	1047.248	69.28	70.61	69.59	69.26	56.77228	1.121483	42.10624	13.37272	28.73352	32.77406	10
1714.145	1715.254	1047.254	69.42	85.64	69.12	68.92	57.73372	1.265645	41.00063	15.0334	25.96723	32.54557	10
1714.15	1715.259	1047.259	67.95	129.99	68.66	68.95	40.52592	5.412375	54.0617	35.5605	18.50121	29.72076	10
1714.155	1715.264	1047.264	72.99	126.78	74.82	74.73	27.98594	8.631745	63.38231	33.60978	29.77254	30.15171	10
1714.16	1715.269	1047.269	105.7237	147.709	107.6747	109.3153	0	44.6622	55.3378	55.3378	0	-9999	10
1714.165	1715.274	1047.274	110.112	123.97	112.1766	114.1004	0	54.95259	45.04741	45.04741	0	-9999	10
1714.17	1715.279	1047.279	105.6146	162.4974	106.3377	109.0607	0	33.58461	66.41539	66.41539	0	-9999	11
1714.175	1715.284	1047.284	108.1558	128.1867	108.1717	106.2038	9.352445	28.03809	62.60946	42.36552	20.24394	31.23006	11
1714.18	1715.289	1047.289	106.3234	89.64919	106.6159	106	18.22005	25.64497	56.13498	31.93419	24.20079	30.55757	11
1714.185	1715.294	1047.294	113.2631	94.77098	114.2264	115.5816	5.397666	46.58836	48.01397	45.33945	2.67452	-9999	11
1714.19	1715.299	1047.299	123.4895	125.7283	124.4519	126.7352	0	80.82403	19.17597	19.17597	0	-9999	11
1714.195	1715.304	1047.304	116.2009	118.6216	118.1524	117.8179	0	72.10258	27.89742	27.89742	0	-9999	11
1714.2	1715.31	1047.31	106.6607	121.8865	106.6961	106.2187	12.10157	25.82571	62.07272	48.26437	13.80835	30.90842	11
1714.205	1715.315	1047.315	91.75852	150.3279	90.19688	85.70923	31.30551	7.361222	61.33327	40.97217	20.3611	31.45673	11
1714.21	1715.32	1047.32	101.3343	149.6495	98.71421	94.2201	30.86314	3.57383	65.56303	44.6658	20.89723	32.41419	11
1714.215	1715.325	1047.325	118.4765	127.6783	119.0399	119.9227	0	56.0325	43.9675	43.9675	0	-9999	11
1714.22	1715.33	1047.33	116.6855	110.9735	117.7649	119.6073	0	58.59277	41.40723	41.40723	0	-9999	11
1714.225	1715.335	1047.335	111.66	79.14583	112.4766	115.6705	11.79066	39.95006	48.25928	42.03899	6.220295	28.67998	11
1714.23	1715.34	1047.34	120.5821	127.5494	121.4351	121.3214	0	67.89578	32.10422	32.10422	0	-9999	11
1714.235	1715.345	1047.345	116.1424	92.65048	116.6815	115.6591	6.549755	47.18148	46.26876	34.93052	11.33824	-9999	11
1714.24	1715.35	1047.35	101.5919	75.4929	102.077	102.1637	24.5061	20.3249	55.169	38.26996	16.89904	30.7656	11
1714.245	1715.355	1047.355	98.12366	123.0863	95.97361	94.14522	36.60225	4.150145	59.2476	31.56603	27.68158	32.03315	11
1714.25	1715.36	1047.36	95.02594	90.164	93.70965	93.43964	40.95769	5.438392	53.60392	20.39608	33.20784	32.05273	11
1714.255	1715.366	1047.366	88.29144	102.6575	85.91646	87.12	52.33485	0.517201	47.14795	25.67905	21.4689	32.59771	11
1714.26	1715.371	1047.371	94.51739	141.4267	90.49332	88.59396	50.00529	0	49.99471	24.82159	25.17312	28.21358	11
1714.265	1715.376	1047.376	104.7235	136.7805	101.2198	94.31768	37.70665	0	62.29335	26.26739	36.02596	29.13669	11
1714.27	1715.381	1047.381	115.6718	146.3003	113.4124	109.3752	15.68732	9.653471	74.65921	47.96979	26.68943	32.94844	11
1714.275	1715.386	1047.386	113.37	132.7893	112.766	114.1753	8.245642	28.38565	63.3687	45.55353	17.81518	30.57877	11
1714.28	1715.391	1047.391	107.9856	106.3942	107.3623	103.8542	19.73616	19.94194	60.3219	32.53355	27.78835	31.4922	11
1714.285	1715.396	1047.396	119.4977	137.0667	117.8949	113.6709	9.314114	21.43451	69.25138	52.61104	16.64034	32.14513	12
1714.29	1715.401	1047.401	117.6151	109.6717	118.0193	119.1967	2.121154	49.7992	48.07964	48.07964	0	-9999	12
1714.295	1715.406	1047.406	132.0299	137.5538	132.0299	134.3245	0	91.10048	8.899515	8.899515	0	-9999	12
1714.3	1715.411	1047.411	132.8699	118.0106	133.1102	132.2889	0	100	0	0	0	-9999	12
1714.305	1715.416	1047.416	126.544	75.62272	126.1543	124.3223	8.299628	55.45958	36.2408	22.29993	13.94086	26.62939	12
1714.31	1715.422	1047.422	124.3342	71.8815	124.7779	125.5301	4.778982	68.29741	26.92361	17.79648	9.127125	-9999	12
1714.315	1715.427	1047.427	122.3735	127.0398	123.1572	123.6542	0	72.66056	27.33944	27.33944	0	-9999	12
1714.32	1715.432	1047.432	123.6192	149.3374	123.3501	121.1395	0	55.13015	44.86985	44.86985	0	-9999	12
1714.325	1715.437	1047.437	121.81	180.7647	119.9419	117.2159	0	21.92714	78.07286	78.07286	0	-9999	12
1714.33	1715.442	1047.442	114.63	144.3707	112.4567	109.0495	16.44542	10.21955	73.33504	47.71125	25.62379	32.69642	12
1714.335	1715.447	1047.447	115.817	137.3723	114.1316	114.2242	13.26674	16.91926	69.814	56.29461	13.51939	31.55297	12
1714.34	1715.452	1047.452	118.5763	135.2808	116.9245	113.8836	10.97365	19.62644	69.39991	49.57318	19.82673	31.99266	12
1714.345	1715.457	1047.457	113.1548	138.2046	110.9795	108.274	19.311	9.176039	71.51296	48.66182	22.85115	32.48396	12
1714.35	1715.462	1047.462	125.2691	291.94	120.8027	118.0351	0	0	100	100	0	-9999	12
1714.355	1715.467	1047.467	133.4698	309.4452	130.5991	130.8383	0	12.29639	87.70361	87.70361	0	-9999	12
1714.36	1715.472	1047.472	110.4939	150.9925	109.2483	107.6056	11.45853	18.88906	69.65242	48.07258	21.57984	31.79701	12
1714.365	1715.478	1047.478	102.4719	180.1262	100.4836	98.82389	17.54417	10.05809	72.39774	48.48561	23.91213	31.66304	12
1714.37	1715.483	1047.483	102.6273	159.7514	100.6374	96.32881	22.34482	8.71706	68.93812	35.27328	33.66484	32.12011	12
1714.375	1715.488	1047.488	89.11179	96.9899	88.30125	88.06286	40.82729	5.912401	53.26031	24.08292	29.17739	31.59989	12
1714.38	1715.493	1047.493	78.51881	61.53331	78.72634	80.37172	51.26331	2.824451	45.91224	25.76172	20.15053	32.35266	12
1714.385	1715.498	1047.498	70.23183	70.68174	70.76911	71.9401	54.11783	1.695587	44.18658	27.035	17.15159	32.18149	12
1714.39	1715.503	1047.503	70.7407	68.7795	71.18604	72.49425	54.82248	1.545478	43.63205	19.03304	24.599	32.32116	12
1714.395	1715.508	1047.508	74.87469	64.5187	74.87469	74.67213	55.50176	1.510182	42.98805	14.39161	28.59644	33.02067	12
1714.4	1715.513	1047.513	71.117	53.70928	71.47863	72.73045	58.77204	0.484065	40.74389	13.46936	27.27453	33.28543	12
1714.405	1715.518	1047.518	65.61114	40.92582	66.34334	68.06927	64.05909	0	35.94091	20.36799	15.57292	32.62169	12
1714.41	1715.523	1047.523	64.77731	48.62487	66.11547	68.03826	58.26692	0.013898	41.71918	23.48922	18.22996	32.86106	2
1714.415	1715.528	1047.528	68.49317	70.20459	69.42324	75.16312	52.78872	1.827768	45.38352	31.28041	14.10311	31.09117	2
1714.42	1715.534	1047.534	71.93511	65.27091	71.93511	71.74795	58.02414	0.856308	41.11955	17.8518	23.26775	33.21534	2
1714.425	1715.539	1047.539	76.84244	109.0312	78.37476	81.79916	31.04393	8.455913	60.50016	33.80379	26.69637	29.89602	2
1714.43	1715.544	1047.544	81.91454	135.8554	83.20694	84.2462	21.74547	12.18226	66.07228	39.08253	26.98975	30.34133	2
1714.435	1715.549	1047.549	76.7059	74.2764	76.85259	73.41202	50.31883	2.976058	46.70511	17.07614	29.62897	32.83534	2

1714.44	1715.554	1047.554	80.33771	133.2947	76.88419	73.25732	60.59678	0	39.40322	11.51754	27.88567	33.09301	2
1714.445	1715.559	1047.559	58.07	48.84	57.62	57.59	78.24382	0	21.75618	8.962425	12.79376	33.11858	2
1714.45	1715.564	1047.564	59.46	48.03	59.57	59.83	72.82104	0	27.17896	13.58709	13.59187	32.56974	2
1714.455	1715.569	1047.569	58.04	37.46	57.78	59.45	79.55288	0	20.44712	6.360444	14.08668	32.6287	2
1714.46	1715.574	1047.574	56.45	31.62	56.76	57.68	78.01146	0	21.98854	8.829165	13.15937	32.23392	2
1714.465	1715.579	1047.579	55.39	32.22	55.74	55.92	78.53146	0	21.46854	11.4382	10.03034	32.35981	2
1714.47	1715.584	1047.584	55.3	24.9	55.82	56.1	79.0682	0	20.9318	18.59757	2.334227	32.16392	2
1714.475	1715.59	1047.59	55.48	25.07	55.21	54.72	84.98396	0	15.01604	15.01604	0	33.33778	2
1714.48	1715.595	1047.595	55.16	23.6	55.2	56.44	83.2316	0	16.7684	13.3029	3.465497	32.6147	2
1714.485	1715.6	1047.6	55.3	21.82	54.89	53.98	87.02106	0	12.97894	11.24979	1.729145	33.69817	2
1714.49	1715.605	1047.605	56.04	26.56	55.08	54.37	89.45568	0	10.54432	4.810243	5.734077	34.39577	2
1714.495	1715.61	1047.61	54.63	20.98	53.78	52.2	91.25074	0	8.74926	8.74926	0	34.70775	2
1714.5	1715.615	1047.615	56.2	42.77	56.01	50.21	79.41816	0	20.58184	15.2165	5.365341	34.02025	2
1714.505	1715.62	1047.62	55.67	44.69	55.9	53.76	76.18612	0	23.81388	16.67431	7.139568	32.91389	2
1714.51	1715.625	1047.625	55.17	46.55	55.43	55.35	75.9635	0	24.0365	19.2575	4.778998	32.52094	2
1714.515	1715.63	1047.63	58.01	54.03	57.18	56.7	79.98804	0	20.01196	6.186386	13.82557	33.60344	2
1714.52	1715.635	1047.635	56.73	47.16	55.94	53.94	82.51818	0	17.48182	13.80546	3.676358	33.99804	2
1714.525	1715.64	1047.64	55.63	37.34	54.81	52.39	86.13912	0	13.86088	13.86088	0	34.35917	2
1714.53	1715.646	1047.646	53.92	35.74	52.91	51.04	89.57202	0	10.42798	5.719342	4.708638	34.86869	2
1714.535	1715.651	1047.651	57	86.74	54	51.68	89.81892	0	10.18108	3.982581	6.198499	36.91624	2
1714.54	1715.656	1047.656	58.76	71.82	57.25	53.72	80.26286	0	19.73714	13.50474	6.232397	34.79503	2
1714.545	1715.661	1047.661	61.53	77	60.44	58.8	73.2059	0	26.7941	7.054027	19.74007	33.86174	2
1714.55	1715.666	1047.666	62.64	65.61	62.63	61.02	66.57108	0	33.42892	21.30288	12.12604	33.33328	2
1714.555	1715.671	1047.671	65.14	68.65	63.97	60.09	72.5254	0	27.4746	6.534117	20.94048	34.12448	2
1714.56	1715.676	1047.676	74.78	51.29	74.73	72.86	59.17772	0.496499	40.32578	21.06505	19.26073	34.18872	2
1714.565	1715.681	1047.681	78.75	185.67	75.06	70.17	51.21536	2.857346	45.92729	26.29148	19.63582	31.07463	2
1714.57	1715.686	1047.686	77.98	184.92	74.32	69.02	51.87276	2.926549	45.20069	32.72904	12.47165	31.15968	10
1714.575	1715.691	1047.691	68.69	82.33	67.04	65.47	69.66884	0	30.33116	24.48326	5.847897	33.83418	10
1714.58	1715.696	1047.696	66.48	106.59	64.41	62.45	69.08612	0.076244	30.83764	20.56463	10.27301	34.2565	10
1714.585	1715.702	1047.702	69.01	77	67.82	65.77	67.0993	0	32.9007	5.358293	27.54241	33.90158	10
1714.59	1715.707	1047.707	69.03	52	68.27	65.85	69.7984	0	30.2016	15.79679	14.40481	33.66387	10
1714.595	1715.712	1047.712	72.03	64.77	70.67	69.89	68.59806	0	31.40194	16.7913	14.61064	33.48988	10
1714.6	1715.717	1047.717	70.22	29.66	70.13	70.8	68.91738	0	31.08262	23.25146	7.831158	33.04054	10
1714.605	1715.722	1047.722	72.94	48.83	72.61	72.47	63.63584	0	36.36416	21.54862	14.81554	33.80359	10
1714.61	1715.727	1047.727	72.26	43.81	71.7	72.83	67.25878	0	32.74122	17.8671	14.87412	33.20682	10
1714.615	1715.732	1047.732	72.32	52.61	71.39	71.45	67.94148	0	32.05852	16.91927	15.13925	33.35528	10
1714.62	1715.737	1047.737	72.43	63.22	71	67.92	69.14766	0	30.85234	18.06026	12.79208	33.87029	10
1714.625	1715.742	1047.742	72.85	115.14	70.8	69.68	61.00162	1.015582	37.9828	26.48858	11.49421	32.81044	10
1714.63	1715.747	1047.747	74.59	108.66	72.68	72.04	59.88398	0.933688	39.18233	26.34805	12.83428	32.81903	10
1714.635	1715.752	1047.752	70.77	42.05	70.38	69.7	67.738	0	32.262	13.10424	19.15776	33.43186	10
1714.64	1715.758	1047.758	70.46	89.2	68.37	66.76	69.7879	0	30.2121	12.81771	17.39439	33.82067	10
1714.645	1715.763	1047.763	69.72	110.61	67.43	65.38	66.83748	0.206902	32.95562	18.56141	14.39421	33.9565	10
1714.65	1715.768	1047.768	73.76	136.6	70.75	67.61	62.4111	0.970119	36.61878	11.59769	25.02109	33.02507	10
1714.655	1715.773	1047.773	72.64	80.29	71.42	70.26	63.19602	0	36.80398	11.4273	25.37668	33.97538	10
1714.66	1715.778	1047.778	73.35	120.93	70.61	68.39	64.48794	0.337741	35.17432	18.6599	16.51442	33.58105	10
1714.665	1715.783	1047.783	67.94	50.96	66.6	63.85	75.54788	0	24.45212	8.297702	16.15442	33.76817	10
1714.67	1715.788	1047.788	72.15	69.01	72.02	70.72	57.92908	0.937461	41.13346	15.9665	25.16696	33.33201	10
1714.675	1715.793	1047.793	73.09	50.5	71.76	68.53	70.8437	0	29.1563	19.17722	9.979085	33.78552	10
1714.68	1715.798	1047.798	71.79	62.39	69.27	67.2	78.38482	0	21.61518	19.34541	2.26977	33.63068	10
1714.685	1715.803	1047.803	72.97	49.94	71.18	69.56	74.65462	0	25.34538	13.03943	12.30595	33.36371	10
1714.69	1715.808	1047.808	75.82	35.06	75.33	74.86	65.55858	0	34.44142	18.18166	16.25976	33.89217	10
1714.695	1715.814	1047.814	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1715	1716.124	1048.124	84.37	91.57	85.33	87.22	32.77966	9.534957	57.68538	30.87595	26.80943	30.66039	10
1715.005	1716.129	1048.129	84.54	88.02	85.45	86.84	33.86986	9.227493	56.90265	37.39117	19.51147	30.83267	10
1715.01	1716.134	1048.134	83.67	67.37	83.96	85.31	44.47256	5.429566	50.09787	30.28355	19.81432	31.77308	10
1715.015	1716.139	1048.139	85.44	62.24	85.85	87.59	43.15562	6.306887	50.53749	17.66478	32.87272	31.71319	10
1715.02	1716.144	1048.144	87.38	94.97	87.16	87.96	38.33266	7.251144	54.4162	29.95818	24.45801	31.14889	10
1715.025	1716.15	1048.15	89.31	133.7	88.35	86.7	32.9194	7.892929	59.18767	26.6624	32.52527	30.97638	10
1715.03	1716.155	1048.155	91.54	112.54	91.05	90.94	32.34602	9.297512	58.35647	33.0051	25.35137	31.00097	10
1715.035	1716.16	1048.16	91.1	131.73	90.66	91.51	27.71934	10.595	61.68566	38.76209	22.92357	30.52643	10
1715.04	1716.165	1048.165	90.43	124.28	89.88	90.35	30.99114	9.319427	59.68943	36.84045	22.84898	30.68955	10
1715.045	1716.17	1048.17	89.7	130.69	88.34	86.92	36.38902	6.288608	57.32237	22.49366	34.82871	31.1494	10
1715.05	1716.175	1048.175	91.1	97.86	90.65	90.98	35.99338	8.266079	55.74054	39.47429	16.26626	31.21829	10
1715.055	1716.18	1048.18	89.13	89.21	89.1	90.09	36.64408	8.417697	54.93822	24.00411	30.93411	31.14291	10
1715.06	1716.185	1048.185	86.52	65.22	87.04	89.11	40.58836	7.459643	51.952	21.91697	30.03503	31.42133	10
1715.065	1716.19	1048.19	84.5	70.4	85.44	87.02	37.9382	8.114202	53.9476	32.60604	21.34156	31.215	10
1715.07	1716.195	1048.195	83.75	59.56	84.54	85.39	42.41398	6.490835	51.09518	22.90813	28.18705	31.80071	10
1715.075	1716.2	1048.2	84.99	97.8	85.38	85.23	35.1191	8.416724	56.46418	36.32831	20.13586	31.03125	10
1715.08	1716.206	1048.206	82.04	64.48	82.77	82.96	43.26154	5.791949	50.94651	18.87259	32.07392	31.86657	10
1715.085	1716.211	1048.211	82.8	78.01	82.64	82.35	46.18558	4.468235	49.34618	33.75426	15.59193	32.0387	10
1715.09	1716.216	1048.216	85.37	98.47	85.15	85.33	39.33486	6.642095	54.02305	22.82787	31.19518	31.18877	10
1715.095	1716.221	1048.221	89.53	105.2	89.24	88.73	34.4215	8.666076	56.91242	23.73357	33.17885	31.14674	10
1715.1	1716.226	1048.226	86.54	78.99	86.68	87.33	40.18262	7.057537	52.75984	28.76538	23.99447	31.47611	10

1715.105	1716.231	1048.231	86.67	50.17	86.3	87.44	50.98996	3.401778	45.60826	23.46684	22.14142	32.98345	10
1715.11	1716.236	1048.236	85.16	52.55	85.23	87.29	48.3932	4.396138	47.21066	17.75183	29.45883	32.35528	10
1715.115	1716.241	1048.241	84.29	63.15	83.9	84.51	50.1934	3.31773	46.48887	16.46708	30.02179	32.66077	10
1715.12	1716.246	1048.246	86.51	86.27	85.79	85.72	45.11346	4.592729	50.29381	35.33213	14.96168	31.96004	10
1715.125	1716.251	1048.251	84.61	79.6	84.25	84.33	45.6856	4.634807	49.67959	21.83147	27.84813	31.98475	10
1715.13	1716.256	1048.256	91.35	135.53	91.15	89.57	24.70974	12.01759	63.27267	47.61614	15.65652	30.95714	10
1715.135	1716.262	1048.262	96.59	229.94	96.52	98.9	0	22.38765	77.61235	77.61235	0	-9999	10
1715.14	1716.267	1048.267	116.051	199.2075	115.9594	117.3108	0	44.45649	55.54351	55.54351	0	-9999	11
1715.145	1716.272	1048.272	133.1036	189.6517	133.3019	133.8041	0	100	0	0	0	-9999	11
1715.15	1716.277	1048.277	127.3702	181.8866	127.4753	124.7563	0	78.24656	21.75344	21.75344	0	-9999	11
1715.155	1716.282	1048.282	121.7357	163.769	121.1039	118.8603	0	44.17403	55.82597	55.82597	0	-9999	11
1715.16	1716.287	1048.287	130.3257	208.2121	131.282	132.6899	0	100	0	0	0	-9999	11
1715.165	1716.292	1048.292	130.1157	201.1162	130.3391	128.013	0	94.09215	5.907847	5.907847	0	-9999	11
1715.17	1716.297	1048.297	117.0557	183.5858	117.763	117.2496	0	58.38029	41.61971	41.61971	0	-9999	11
1715.175	1716.302	1048.302	119.1512	180.3826	120.0242	120.9088	0	67.18524	32.81476	32.81476	0	-9999	11
1715.18	1716.307	1048.307	112.019	177.9048	113.0653	117.9732	0	50.37759	49.62241	49.62241	0	-9999	11
1715.185	1716.312	1048.312	131.7584	186.9068	132.8676	137.9233	0	100	0	0	0	-9999	11
1715.19	1716.318	1048.318	126.1652	159.4878	127.0345	129.3569	0	92.14719	7.852805	7.852805	0	-9999	11
1715.195	1716.323	1048.323	132.4831	181.9752	134.8789	137.8638	0	100	0	0	0	-9999	11
1715.2	1716.328	1048.328	126.8818	210.9831	129.4475	128.4689	0	100	0	0	0	-9999	11
1715.205	1716.333	1048.333	129.6865	162.4507	130.7335	131.2107	0	100	0	0	0	-9999	11
1715.21	1716.338	1048.338	130.4133	126.1022	130.7054	127.0935	0	92.52548	7.474521	7.474521	0	-9999	11
1715.215	1716.343	1048.343	130.2304	83.68352	130.2967	126.726	0	81.78908	18.21092	18.21092	0	-9999	11
1715.22	1716.348	1048.348	127.2132	96.62115	127.3975	126.726	0	74.03317	25.96683	25.96683	0	-9999	11
1715.225	1716.353	1048.353	131.0032	143.7331	131.5351	133.3435	0	100	0	0	0	-9999	11
1715.23	1716.358	1048.358	129.8568	167.4662	130.7192	132.8286	0	100	0	0	0	-9999	11
1715.235	1716.363	1048.363	131.2971	155.3528	132.2422	137.0346	0	100	0	0	0	-9999	11
1715.24	1716.368	1048.368	128.1679	178.808	129.953	133.9859	0	100	0	0	0	-9999	11
1715.245	1716.374	1048.374	126.1406	168.1614	127.7321	132.691	0	100	0	0	0	-9999	11
1715.25	1716.379	1048.379	128.1546	181.5513	129.9544	135.6846	0	100	0	0	0	-9999	11
1715.255	1716.384	1048.384	131.3704	157.8264	132.6354	138.3344	0	100	0	0	0	-9999	11
1715.26	1716.389	1048.389	133.4809	144.5602	134.2565	136.2356	0	100	0	0	0	-9999	11
1715.265	1716.394	1048.394	136.6744	122.0629	137.2138	138.6431	0	100	0	0	0	-9999	11
1715.27	1716.399	1048.399	136.7169	137.8306	137.5391	139.5742	0	100	0	0	0	-9999	11
1715.275	1716.404	1048.404	133.713	137.1282	134.8248	135.4544	0	100	0	0	0	-9999	11
1715.28	1716.409	1048.409	132.852	135.4491	133.7905	136.9231	0	100	0	0	0	-9999	11
1715.285	1716.414	1048.414	132.3617	142.676	133.1582	134.0592	0	100	0	0	0	-9999	11
1715.29	1716.419	1048.419	133.2705	158.5271	134.1537	136.4152	0	100	0	0	0	-9999	11
1715.295	1716.424	1048.424	133.1837	156.8993	134.4149	137.2119	0	100	0	0	0	-9999	11
1715.3	1716.43	1048.43	128.2063	153.0707	129.054	130.876	0	100	0	0	0	-9999	11
1715.305	1716.435	1048.435	132.5164	151.3875	133.2547	135.2453	0	100	0	0	0	-9999	11
1715.31	1716.44	1048.44	128.3828	146.9971	129.2282	132.3981	0	100	0	0	0	-9999	11
1715.315	1716.445	1048.445	122.5877	133.9326	123.1332	125.9908	0	68.71252	31.28748	31.28748	0	-9999	11
1715.32	1716.45	1048.45	125.8293	128.9991	126.8765	127.6751	0	93.22688	6.773117	6.773117	0	-9999	11
1715.325	1716.455	1048.455	128.2132	130.4141	129.1096	130.4542	0	100	0	0	0	-9999	11
1715.33	1716.46	1048.46	123.7907	130.975	124.2208	126.3585	0	70.06202	29.93798	29.93798	0	-9999	11
1715.335	1716.465	1048.465	117.2484	130.3411	116.9797	115.5083	2.67125	39.38319	57.94556	55.80144	2.144116	-9999	11
1715.34	1716.47	1048.47	126.2857	172.6509	126.5352	126.6928	0	77.4139	22.5861	22.5861	0	-9999	11
1715.345	1716.475	1048.475	129.9596	176.6956	130.0126	128.05	0	86.52868	13.47132	13.47132	0	-9999	11
1715.35	1716.48	1048.48	129.9796	190.7541	130.2183	132.9768	0	93.26444	6.735558	6.735558	0	-9999	11
1715.355	1716.486	1048.486	123.9652	170.9502	124.9309	126.04	0	85.8868	14.1132	14.1132	0	-9999	11
1715.36	1716.491	1048.491	120.7629	176.9381	121.9397	125.1207	0	78.39173	21.60827	21.60827	0	-9999	11
1715.365	1716.496	1048.496	118.1313	163.173	118.452	118.8882	0	53.29503	46.70497	46.70497	0	-9999	11
1715.37	1716.501	1048.501	112.5226	136.9301	112.5478	112.2579	3.146758	35.42965	61.42359	61.42359	0	-9999	11
1715.375	1716.506	1048.506	106.0947	127.8528	106.5138	109.3123	8.204115	29.10054	62.69534	43.79317	18.90217	30.42477	11
1715.38	1716.511	1048.511	108.3924	120.6592	108.8399	110.6299	7.611365	32.38137	60.00727	47.69178	12.31548	-9999	11
1715.385	1716.516	1048.516	107.4172	149.5389	108.2595	110.7492	0	36.8212	63.1788	63.1788	0	-9999	11
1715.39	1716.521	1048.521	104.5668	138.869	104.7752	105.2288	8.576983	25.91789	65.50512	62.33175	3.173372	31.09216	11
1715.395	1716.526	1048.526	103.4922	119.1033	103.4678	105.6414	16.15345	21.40227	62.44428	48.59438	13.8499	30.47874	11
1715.4	1716.531	1048.531	104.76	103.5749	104.7355	104.7355	18.74585	21.75111	59.50304	32.58396	26.91908	30.73417	11
1715.405	1716.536	1048.536	98.50198	71.45497	98.47802	96.76547	32.27171	13.47167	54.25662	31.306	22.95062	31.63751	11
1715.41	1716.542	1048.542	93.71305	64.46674	93.98298	92.44555	36.09107	10.92591	52.98302	25.48815	27.49487	31.87436	11
1715.415	1716.547	1048.547	96.30252	50.13194	96.64672	98.14217	36.60226	12.39991	50.99783	25.47251	25.52532	31.42196	11
1715.42	1716.552	1048.552	109.785	90.37526	110.6218	112.8075	10.6417	37.12884	52.22947	43.78735	8.442117	29.37856	11
1715.425	1716.557	1048.557	116.7266	142.8347	116.5606	117.0332	0	40.82922	59.17078	59.17078	0	-9999	11
1715.43	1716.562	1048.562	120.0242	227.652	120.4629	120.4629	0	64.86862	35.13138	35.13138	0	-9999	11
1715.435	1716.567	1048.567	111.2393	234.8587	111.7038	115.3319	0	45.22907	54.77093	54.77093	0	-9999	11
1715.44	1716.572	1048.572	107.6786	329.6267	108.2512	110.0064	0	46.64005	53.35995	53.35995	0	-9999	11
1715.445	1716.577	1048.577	99.31674	280.5093	101.034	105.4129	0	40.2373	59.7627	59.7627	0	-9999	11
1715.45	1716.582	1048.582	89.35813	251.5258	88.1609	89.0999	6.199819	14.96332	78.83686	77.36367	1.473193	-9999	11
1715.455	1716.587	1048.587	81.17823	177.5563	77.3532	73.86228	51.99139	1.795946	46.21266	27.16535	19.04731	31.34849	11
1715.46	1716.592	1048.592	80.84628	203.705	78.84227	75.1719	31.85584	7.713686	60.43047	27.62363	32.80684	29.60729	6
1715.465	1716.598	1048.598	68.08	154.54	65.78	63.58	57.79272	3.101549	39.10573	15.97929	23.12644	31.13045	6

1715.47	1716.603	1048.603	64.36	150.02	61.02	57.57	70.36896	1.647051	27.98399	9.771765	18.21222	33.50332	6
1715.475	1716.608	1048.608	64.68	159.35	60.86	59.71	71.5367	1.801539	26.66176	26.66176	0	33.13303	6
1715.48	1716.613	1048.613	63.83	154.54	60.3	59.33	71.23522	1.786025	26.97875	16.41473	10.56402	33.07653	6
1715.485	1716.618	1048.618	61.67	80.42	59.82	59.18	78.13946	0	21.86054	12.85767	9.00287	34.24116	6
1715.49	1716.623	1048.623	62.09	54.54	61.25	61.12	76.18852	0	23.81148	19.30917	4.502309	33.2737	6
1715.495	1716.628	1048.628	60.43	49.7	59.69	59.56	78.112	0	21.888	6.029058	15.85894	33.27233	6
1715.5	1716.633	1048.633	60.2	64.63	58.86	57.94	79.36054	0	20.63946	6.764111	13.87535	33.98833	6
1715.505	1716.638	1048.638	59.77	46.85	59.45	60	76.1539	0	23.8461	5.321208	18.52489	32.81022	6
1715.51	1716.643	1048.643	61.97	39.46	61.33	60.88	78.39828	0	21.60172	11.75474	9.846976	33.17339	6
1715.515	1716.648	1048.648	61.83	22.33	62.22	62.88	74.69004	0	25.30996	6.407114	18.90285	32.21297	6
1715.52	1716.654	1048.654	60.63	37.24	60.45	60.71	76.60332	0	23.39668	21.90517	1.491509	32.71205	6
1715.525	1716.659	1048.659	67.23	56.25	67.19	66.98	64.8459	0	35.1541	11.62155	23.53255	33.32094	6
1715.53	1716.664	1048.664	66.75	66.75	68.08	70.12	52.129	1.716578	46.15442	21.04462	25.10981	31.68181	6
1715.535	1716.669	1048.669	68.54	89.06	70.18	73.12	42.68068	4.182185	53.13714	24.64932	28.48782	30.30661	6
1715.54	1716.674	1048.674	72.03	102.1	71.36	68.67	54.2167	2.254914	43.52839	15.88361	27.64477	32.28445	6
1715.545	1716.679	1048.679	73.89	137.17	72.45	72.59	49.98606	3.601197	46.41274	32.28951	14.12323	30.60426	6
1715.55	1716.684	1048.684	75.32	206.86	77.82	73.41	1.27048	16.51548	82.21404	82.21404	0	-9999	6
1715.555	1716.689	1048.689	77.75	219.93	78.84	78.19	6.79944	15.3062	77.89436	73.74833	4.146034	-9999	6
1715.56	1716.694	1048.694	72.41	165.54	74.04	76.92	20.68962	10.64334	68.66704	40.14237	28.52466	29.23423	6
1715.565	1716.699	1048.699	72.7	178.23	73.19	69.93	26.18684	9.51753	64.29563	47.63275	16.66288	29.68797	6
1715.57	1716.704	1048.704	68.57	147.73	69.21	70.51	36.20494	6.653399	57.14166	40.12146	17.0202	29.05319	6
1715.575	1716.71	1048.71	68.12	100.22	69.13	69.18	45.24886	3.875823	50.87532	27.55369	23.32162	30.70561	6
1715.58	1716.715	1048.715	68.07	88.76	68.5	69.17	52.56318	2.259638	45.17718	26.42812	18.74907	31.52484	6
1715.585	1716.72	1048.72	67.52	84.76	69.25	70.41	43.96218	3.716592	52.32123	21.09795	31.22328	30.75938	6
1715.59	1716.725	1048.725	67.66	93.81	66.97	66.29	60.39828	1.009089	38.59263	17.6691	20.92353	32.72913	6
1715.595	1716.73	1048.73	67.88	78.28	68.86	71.39	51.01164	2.290802	46.69756	17.09425	29.60331	31.25084	6
1715.6	1716.735	1048.735	68.34	79.07	69.98	71.51	45.28226	3.446461	51.27128	25.32216	25.94911	30.94437	6
1715.605	1716.74	1048.74	72.68	140.79	73.63	72.79	31.70072	7.813629	60.48565	43.46893	17.01672	29.85021	6
1715.61	1716.745	1048.745	75.22	163.17	75	68.22	33.01546	7.827177	59.15736	23.73034	35.42702	30.58227	6
1715.615	1716.75	1048.75	75.54	188.2	75.31	74.94	26.7413	9.574506	63.68419	42.36438	21.31982	29.06769	6
1715.62	1716.755	1048.755	73.28	103.66	75.47	77.06	30.52418	7.901963	61.57386	35.69374	25.88012	30.24196	6
1715.625	1716.76	1048.76	74.76	137.41	78.5	81.33	8.98258	14.33165	76.68577	70.77866	5.907107	31.37017	6
1715.63	1716.766	1048.766	74.3	163.86	75.35	77.76	23.85238	10.10138	66.04624	44.29164	21.7546	29.17347	6
1715.635	1716.771	1048.771	73.04	122.51	72.26	72.41	49.20078	3.619072	47.18015	26.21826	20.96188	30.78907	6
1715.64	1716.776	1048.776	67.38	60.87	66.85	67.22	67.38736	0	32.61264	21.30414	11.3085	33.20807	6
1715.645	1716.781	1048.781	66.69	55.06	67.14	68.29	61.83318	0	38.16682	14.34072	23.8261	33.14613	6
1715.65	1716.786	1048.786	60.4	67.22	61.26	60.9	61.49976	0	38.50024	20.83981	17.66043	32.86921	6
1715.655	1716.791	1048.791	54.56	88.77	54.91	52.37	65.60996	0.106844	34.2832	22.20329	12.0799	33.2304	6
1715.66	1716.796	1048.796	57.1	83.66	57.29	54.08	65.74978	0	34.25022	10.57069	23.67953	33.58168	6
1715.665	1716.801	1048.801	58.79	76.4	58.51	60.39	69.5944	0	30.4056	4.864893	25.54071	32.78127	6
1715.67	1716.806	1048.806	58.76	60.04	58.92	60.15	70.17112	0	29.82888	15.36924	14.45964	32.45855	6
1715.675	1716.811	1048.811	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1716.015	1717.158	1049.158	86.08	16.35	86.11	85.56	56.6172	2.233005	41.14979	15.0829	26.06689	34.65719	7
1716.02	1717.163	1049.163	79.53	49.5	80.68	81.96	45.9409	4.745049	49.31405	33.5624	15.75165	32.07489	7
1716.025	1717.168	1049.168	74.06	72.54	73.82	72.57	56.17012	1.401612	42.42827	13.9161	28.51217	33.07858	7
1716.03	1717.173	1049.173	74.41	86.89	72.56	75.43	64.85292	0	35.14708	14.77074	20.37634	32.9516	7
1716.035	1717.178	1049.178	73.3	83.5	73.3	72.57	52.357	2.401099	45.2419	14.36244	30.87946	32.18002	7
1716.04	1717.183	1049.183	73.22	96.83	72.76	73.71	52.76974	2.469886	44.76037	28.51124	16.24914	31.62085	7
1716.045	1717.188	1049.188	80.09	84.58	80.24	78.83	44.68634	4.779189	50.53447	21.90143	28.63304	31.85098	7
1716.05	1717.193	1049.193	80.77	150.11	82.9	80.57	12.85748	14.90843	72.23409	48.10618	24.12791	31.53885	7
1716.055	1717.198	1049.198	81.17	106.11	81.35	82.29	38.24998	6.705114	55.04491	28.87974	26.16517	30.66631	7
1716.06	1717.203	1049.203	79.15	85.5	78.72	78.95	49.8235	3.133322	47.04318	33.58298	13.4602	32.0015	7
1716.065	1717.208	1049.208	74.68	73.56	73.81	72.24	60.23538	0.435313	39.32931	16.28584	23.04346	33.81912	7
1716.07	1717.214	1049.214	68.51	76.72	68	64.55	62.35706	0.218188	37.42475	22.35792	15.06683	34.05265	7
1716.075	1717.219	1049.219	68.11	81.12	67.93	69.28	59.10276	0.90357	39.99367	18.95229	21.04138	32.47884	7
1716.08	1717.224	1049.224	68.6	54.69	69.2	72.55	59.00302	0.321752	40.67523	21.22404	19.45119	32.7572	7
1716.085	1717.229	1049.229	71.35	48.52	71.04	71.59	65.01866	0	34.98134	16.60692	18.37442	33.42847	7
1716.09	1717.234	1049.234	81.16	98.95	82.43	83.65	31.5444	9.219991	59.23561	40.78143	18.45418	30.57788	7
1716.095	1717.239	1049.239	85.16	102.07	86.28	83.84	28.27186	11.24786	60.48028	38.90177	21.57851	31.2907	7
1716.1	1717.244	1049.244	83.73	125.42	85.22	85.31	21.06926	13.16393	65.76681	44.82178	20.94503	30.72852	7
1716.105	1717.249	1049.249	82.68	138.15	84.71	89.11	14.7696	15.06346	70.16694	42.32834	27.8386	30.26615	7
1716.11	1717.254	1049.254	84.33	98.08	85.59	85.57	28.91604	10.93853	60.14543	34.25178	25.89365	30.88248	7
1716.115	1717.259	1049.259	82.87	135.2	85.41	89.08	11.3562	16.64938	71.99442	55.57158	16.42284	30.83823	7
1716.12	1717.264	1049.264	84.55	113.23	86.15	88.24	22.41234	13.24643	64.34123	40.93831	23.40293	30.46082	7
1716.125	1717.27	1049.27	83.76	125.11	84.43	85.16	27.47168	10.54428	61.98404	34.19495	27.78909	30.35942	7
1716.13	1717.275	1049.275	82.75	144.53	82.76	80.49	28.81624	9.42735	61.75641	39.21224	22.54417	30.54857	7
1716.135	1717.28	1049.28	82.88	118.3	84.06	88.89	25.9768	11.19582	62.82738	45.57044	17.25694	29.72095	7
1716.14	1717.285	1049.285	82.12	125.25	83.27	83.82	25.2266	11.15833	63.61507	41.43958	22.17549	30.41301	7
1716.145	1717.29	1049.29	78.16	66.02	78.24	78	51.49596	2.715088	45.78895	29.73876	16.0502	32.61073	7
1716.15	1717.295	1049.295	76.68	43.04	77.33	79.11	54.00122	1.949804	44.04898	25.65126	18.39772	32.95508	7
1716.155	1717.3	1049.3	76.04	57.28	76.96	79.71	49.05144	3.266461	47.6821	30.74634	16.93576	31.8467	7
1716.16	1717.305	1049.305	75.49	72.86	76	78.12	48.96458	3.267468	47.76795	26.86052	20.90743	31.61216	7
1716.165	1717.31	1049.31	78.75	68.38	78.78	80.28	50.76954	2.943736	46.28672	15.50244	30.78428	32.18333	7

1716.17	1717.315	1049.315	81.26	51.44	82.22	83.96	45.35232	5.191062	49.45662	30.00685	19.44977	31.94928	7
1716.175	1717.32	1049.32	81.9	54.25	83.04	84.59	42.6885	6.219555	51.09195	35.84242	15.24952	31.72004	7
1716.18	1717.326	1049.326	83.52	53.04	83.3	80.89	52.03092	2.869173	45.09991	25.4581	19.64181	33.58438	7
1716.185	1717.331	1049.331	85.5	72.28	85.45	85.84	44.23574	5.483518	50.28074	21.14147	29.13927	31.91898	7
1716.19	1717.336	1049.336	89.6	102.79	90.76	91.19	23.70282	14.53984	61.75734	33.40609	28.35126	30.84284	7
1716.195	1717.341	1049.341	95.18	90.24	95.83	98.09	25.55882	15.85676	58.58442	41.70331	16.88111	30.54569	7
1716.2	1717.346	1049.346	89.77	83.07	90.43	91.29	32.19366	11.20452	56.60182	29.53502	27.0668	31.01369	7
1716.205	1717.351	1049.351	89.7	119.95	91.02	92.98	18.2181	16.46924	65.31266	51.12891	14.18375	30.6201	7
1716.21	1717.356	1049.356	87.77	141.87	89.5	90.47	11.51156	18.07811	70.41033	45.13489	25.27545	31.17344	7
1716.215	1717.361	1049.361	87.36	142.47	88.37	88.96	17.32356	14.99176	67.68468	48.60734	19.07734	30.70503	7
1716.22	1717.366	1049.366	88.19	115.07	88.39	87.28	29.46826	10.55773	59.97401	42.2119	17.76211	30.95229	7
1716.225	1717.371	1049.371	86.91	93.12	86.67	88	39.36776	6.850939	53.7813	19.97631	33.80499	31.11307	7
1716.23	1717.376	1049.376	82.94	84.79	82.06	84.47	49.99602	2.939925	47.06406	24.45999	22.60407	31.86534	7
1716.235	1717.382	1049.382	81.49	102.32	79.55	77.53	55.30276	1.091003	43.60624	24.10821	19.49803	33.01806	7
1716.24	1717.387	1049.387	80.94	106	78.85	76.98	56.0807	0.923913	42.99539	13.96381	29.03158	32.99693	7
1716.245	1717.392	1049.392	79	106.24	76.53	71.55	60.75242	0	39.24758	23.30104	15.94654	34.15647	7
1716.25	1717.397	1049.397	78.87	120.49	76.73	73.26	54.86602	1.621526	43.51245	30.60667	12.90579	32.63991	7
1716.255	1717.402	1049.402	81.09	120.69	79.09	77.82	51.69022	2.143833	46.16595	27.52961	18.63634	31.98299	7
1716.26	1717.407	1049.407	83.79	95.83	82.65	81.73	48.55734	3.162864	48.2798	19.22043	29.05936	32.17664	7
1716.265	1717.412	1049.412	87.85	123.04	85.92	82.98	44.35982	3.341077	52.2991	35.98658	16.31253	31.99556	7
1716.27	1717.417	1049.417	89.18	106.43	88.87	86.8	34.60084	8.505033	56.89413	34.7587	22.13542	31.4047	7
1716.275	1717.422	1049.422	87.43	114.14	86.76	88.84	37.13502	6.968097	55.89688	30.91622	24.98066	30.58861	7
1716.28	1717.427	1049.427	94.11	102.36	95.24	97.18	19.89018	18.296	61.81382	39.5389	22.27493	30.59416	7
1716.285	1717.432	1049.432	98.42	68.86	98.92	98.81	28.91448	16.56612	54.5194	39.77809	14.74131	31.08194	7
1716.29	1717.438	1049.438	96.37	90.44	96.96	98.55	24.88062	16.60777	58.51161	27.97786	30.53375	30.6438	7
1716.295	1717.443	1049.443	96.16	118.33	97.2	101.7	14.83694	20.93232	64.23074	39.43551	24.79523	30.21448	7
1716.3	1717.448	1049.448	93.37	164.26	95.43	97.2	0	26.69581	73.30419	73.30419	0	-9999	7
1716.305	1717.453	1049.453	88.96	143.74	90.04	87.02	15.00172	16.48075	68.51753	51.22305	17.29448	31.54983	7
1716.31	1717.458	1049.458	87.63	155.5	88.84	86.49	12.3719	16.82898	70.79912	47.07353	23.72559	31.5506	7
1716.315	1717.463	1049.463	89.09	118.79	90.33	89.72	19.68002	15.5624	64.75758	33.01516	31.74242	31.03023	7
1716.32	1717.468	1049.468	87.87	97.44	88.82	91.73	28.21662	12.06363	59.71975	43.24338	16.47638	30.39046	7
1716.325	1717.473	1049.473	85.04	120.15	85.02	80.82	32.8419	8.615655	58.54245	34.57064	23.97181	31.38724	7
1716.33	1717.478	1049.478	84.42	145.34	83.76	83.16	32.27632	8.08944	59.63424	39.74927	19.88497	30.30554	7
1716.335	1717.483	1049.483	81.39	129.36	80.9	75.08	37.61358	6.571826	55.81459	22.13106	33.68353	31.49104	7
1716.34	1717.488	1049.488	83.02	176.67	81.33	74.78	33.96496	6.948719	59.08632	31.64149	27.44483	30.81404	7
1716.345	1717.494	1049.494	82.9	149.62	84.17	79.89	17.68146	13.59835	68.72019	52.50133	16.21887	31.41667	7
1716.35	1717.499	1049.499	79.42	152.4	80.55	73.69	21.2953	11.58768	67.11702	35.16173	31.95529	31.4712	7
1716.355	1717.504	1049.504	82.05	138.55	84.12	81.59	14.9424	14.78749	70.27011	50.68219	19.58792	31.51824	7
1716.36	1717.509	1049.509	82.48	81.32	83.5	81.04	36.53396	7.998119	55.46792	30.38643	25.08149	31.67389	7
1716.365	1717.514	1049.514	77.35	83.04	77.26	71.24	49.43982	3.242455	47.31772	32.20212	15.1156	33.0541	7
1716.37	1717.519	1049.519	71.78	63.78	71.22	69.27	62.86764	0	37.13236	21.6131	15.51926	34.12033	7
1716.375	1717.524	1049.524	68.9	55.73	68.26	67.11	68.08534	0	31.91466	6.490287	25.42437	33.48114	7
1716.38	1717.529	1049.529	66.15	95.52	64.84	63.35	66.17866	0.190352	33.63099	12.38159	21.2494	33.78841	7
1716.385	1717.534	1049.534	63.64	108.69	60.43	57.29	80.02572	0	19.97428	11.41977	8.554508	35.58814	7
1716.39	1717.539	1049.539	63.1	89.66	61.11	60.39	75.67278	0	24.32722	7.53505	16.79217	34.21474	7
1716.395	1717.544	1049.544	63.1	129.42	61.39	59.53	63.88086	1.832814	34.28633	18.34137	15.94496	32.30142	7
1716.4	1717.55	1049.55	62.4	119.07	60.8	59.8	66.17706	1.20172	32.62122	28.27696	4.344255	32.79888	7
1716.405	1717.555	1049.555	63.02	96.95	61.33	60.11	71.6572	0	28.3428	6.471158	21.87164	34.18778	7
1716.41	1717.56	1049.56	65.03	80.96	64.12	61.71	67.63258	0	32.36742	15.84966	16.51776	33.93799	7
1716.415	1717.565	1049.565	67.46	88.3	67.18	66.35	58.7382	1.146261	40.11554	26.2039	13.91164	32.60364	7
1716.42	1717.57	1049.57	69.5	115.77	68.69	65.06	54.32116	2.578	43.10084	17.73216	25.36867	31.96883	7
1716.425	1717.575	1049.575	72.25	94.35	72.28	71.88	50.4648	2.94084	46.59436	25.85092	20.74344	31.59605	7
1716.43	1717.58	1049.58	70.73	122.71	71.06	71.41	42.67508	4.99776	52.32716	21.28195	31.04521	30.10677	4
1716.435	1717.585	1049.585	64.63	123.1	64.19	65.63	54.1602	2.892267	42.94753	17.55525	25.39228	30.49277	4
1716.44	1717.59	1049.59	59.29	67.71	58.55	59.53	74.80238	0	25.19762	6.304803	18.89282	33.15425	4
1716.445	1717.595	1049.595	60.83	70.45	59.88	57.8	74.35	0	25.65	11.24959	14.40041	33.82261	4
1716.45	1717.6	1049.6	60.48	51.85	59.95	58.78	75.9182	0	24.0818	17.57021	6.511588	33.27948	4
1716.455	1717.606	1049.606	58.74	38.32	58.33	57.9	79.86326	0	20.13674	19.82177	0.314967	33.11713	4
1716.46	1717.611	1049.611	57.59	38.95	57.37	56.29	79.2963	0	20.7037	4.89704	15.80666	33.0956	4
1716.465	1717.616	1049.616	58.17	34.96	57.82	57.11	80.73578	0	19.26422	10.33041	8.933807	33.15292	4
1716.47	1717.621	1049.621	59.42	49.7	58.88	57.88	77.4912	0	22.5088	3.681271	18.82753	33.29598	4
1716.475	1717.626	1049.626	60.09	88.15	58.69	57.29	74.2349	0	25.7651	21.76731	3.997789	34.16639	4
1716.48	1717.631	1049.631	60.97	115.81	60.34	60.41	60.76408	1.789211	37.44671	14.90966	22.53705	31.60572	4
1716.485	1717.636	1049.636	61.42	103.36	61.65	62.76	56.69798	1.836501	41.46552	24.88877	16.57675	31.17139	4
1716.49	1717.641	1049.641	63.43	184.32	62.57	63.94	43.70396	6.429234	49.86681	30.80978	19.05703	27.97555	4
1716.495	1717.646	1049.646	63.4	225.5	61.56	62.19	41.361	8.204797	50.4342	33.45004	16.98417	26.94747	4
1716.5	1717.651	1049.651	60.54	134.78	60.84	62.47	49.36144	3.901438	46.73712	27.52992	19.2072	29.39209	4
1716.505	1717.656	1049.656	59.72	82.75	60.22	60.94	61.1571	0.462278	38.38062	18.09438	20.28624	32.34148	4
1716.51	1717.662	1049.662	61.65	77.38	61.57	60.88	65.17604	0	34.82396	21.48919	13.33477	33.31532	4
1716.515	1717.667	1049.667	63.84	118.07	62.53	62.53	62.84676	1.522378	35.63086	11.71854	23.91232	32.12383	4
1716.52	1717.672	1049.672	62.52	91.4	62.69	63.94	59.0453	1.127516	39.82718	11.56619	28.261	31.8646	4
1716.525	1717.677	1049.677	62.53	77.75	63.98	68.61	52.4194	1.602406	45.97819	27.12565	18.85254	30.73131	4
1716.53	1717.682	1049.682	62.87	79.11	63.55	67.1	57.74498	0.904568	41.35045	21.84454	19.50592	31.58632	4

1716.535	1717.687	1049.687	62.86	94.18	63.77	69.63	52.32474	2.174573	45.50069	19.62726	25.87342	30.09273	4
1716.54	1717.692	1049.692	62.74	109.03	65.02	61.41	38.22394	4.723156	57.0529	23.98266	33.07024	30.61907	4
1716.545	1717.697	1049.697	61.09	93.12	63.14	68.51	45.37466	2.974971	51.65037	24.28596	27.36441	29.5372	4
1716.55	1717.702	1049.702	59.43	76.23	59.02	57.63	70.05424	0	29.94576	13.97937	15.96639	33.44723	4
1716.555	1717.707	1049.707	58.92	104.19	56.63	51.24	78.32712	0	21.67288	14.32827	7.34461	35.88134	4
1716.56	1717.712	1049.712	58.15	66.06	57.47	52.88	75.78548	0	24.21452	21.2182	2.996317	34.17828	2
1716.565	1717.718	1049.718	59.66	96.68	57.78	54	76.28624	0	23.71376	17.12845	6.58531	35.07814	2
1716.57	1717.723	1049.723	62.66	70.41	63.12	59.71	61.74858	0.041711	38.20971	25.02956	13.18015	33.71216	2
1716.575	1717.728	1049.728	64.33	92.73	65.73	65.88	47.52574	2.962151	49.51211	18.21685	31.29526	30.82477	2
1716.58	1717.733	1049.733	64.57	59.35	65.46	64.82	59.3354	0.140059	40.52454	25.75938	14.76516	33.20057	2
1716.585	1717.738	1049.738	65.77	53.07	66.88	67.92	58.04616	0.256318	41.69752	18.51582	23.1817	32.91468	2
1716.59	1717.743	1049.743	69	68.34	69.39	68.18	56.95922	1.02542	42.01536	18.45932	23.55604	32.97968	2
1716.595	1717.748	1049.748	63.73	73.39	63.07	61.48	68.72302	0	31.27698	12.67456	18.60242	33.59933	2
1716.6	1717.753	1049.753	66.75	78.32	67.41	68.39	54.52156	1.587699	43.89074	30.65575	13.235	31.8724	2
1716.605	1717.758	1049.758	69.3	104.39	70.92	71.71	38.42662	5.424109	56.14927	38.96026	17.18901	30.21788	2
1716.61	1717.763	1049.763	66.85	80.35	67.78	68.5	51.8458	2.111098	46.0431	20.2154	25.8277	31.5605	2
1716.615	1717.768	1049.768	70.61	66.9	69.73	67.8	65.669	0	34.331	20.90453	13.42647	33.86361	2
1716.62	1717.774	1049.774	63.67	87.77	62.92	60.41	65.99576	0.053136	33.9511	11.16038	22.79073	33.95276	2
1716.625	1717.779	1049.779	58.24	58.2	57.09	54	81.2473	0	18.7527	18.7527	0	34.39933	2
1716.63	1717.784	1049.784	56.19	45.42	54.9	54.59	87.31106	0	12.68894	12.68894	0	34.50054	2
1716.635	1717.789	1049.789	57.31	51.77	55.61	53.84	87.92146	0	12.07854	12.07854	0	35.14457	2
1716.64	1717.794	1049.794	53.14	47.38	51.89	51.44	89.33274	0	10.66726	10.66726	0	34.94069	2
1716.645	1717.799	1049.799	53.8	74.51	51.88	49.71	87.35258	0	12.64742	12.64742	0	35.86799	2
1716.65	1717.804	1049.804	52.92	62.12	52.26	50.85	81.39556	0	18.60444	17.05492	1.549515	33.99318	2
1716.655	1717.809	1049.809	54.1	50.33	54	53.09	78.82314	0	21.17686	15.57913	5.597732	33.10549	2
1716.66	1717.814	1049.814	55.37	63.59	53.94	52.27	84.75332	0	15.24668	6.606191	8.640489	34.85012	2
1716.665	1717.819	1049.819	55.28	49.89	54.29	52.29	84.74152	0	15.25848	14.14148	1.116999	34.41155	2
1716.67	1717.824	1049.824	55.79	25.73	55.52	56.22	84.53904	0	15.46096	5.376543	10.08442	33.05953	2
1716.675	1717.83	1049.83	56.01	53.19	54.71	54.06	85.67382	0	14.32618	14.32618	0	34.49349	2
1716.68	1717.835	1049.835	57.51	46.62	57.79	57.71	73.63876	0	26.36124	16.69327	9.667968	32.46178	2
1716.685	1717.84	1049.84	66.7	69.64	66.52	65.5	63.17812	0	36.82188	13.30951	23.51237	33.6567	2
1716.69	1717.845	1049.845	63.65	147.52	64.2	65.86	41.47966	5.515672	53.00467	19.39317	33.61149	28.79216	2
1716.695	1717.85	1049.85	58.7	125.39	59.92	61.86	46.19662	3.846825	49.95656	24.85399	25.10256	29.23856	2
1716.7	1717.855	1049.855	59.18	74.18	58.82	57.46	70.39284	0	29.60716	8.215197	21.39196	33.38731	2
1716.705	1717.86	1049.86	62.57	36.94	62.37	61.53	75.04612	0	24.95388	18.38913	6.564746	32.90784	2
1716.71	1717.865	1049.865	73.67	33.28	73.46	74.36	65.79734	0	34.20266	13.26051	20.94215	33.48368	2
1716.715	1717.87	1049.87	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1717.02	1718.181	1050.181	80.98	55.93	79.47	77.47	63.66584	0	36.33416	11.455	24.87916	33.90912	2
1717.025	1718.186	1050.186	79.32	60.04	77.8	74.47	64.27592	0	35.72408	19.42745	16.29663	34.08134	2
1717.03	1718.191	1050.191	78.09	78.32	75.88	72.33	66.33126	0	33.66874	5.50315	28.16559	33.58649	2
1717.035	1718.196	1050.196	78.93	81.93	76.63	73.47	65.38234	0	34.61766	9.561155	25.05651	33.45567	2
1717.04	1718.201	1050.201	75.26	116	72.06	68.59	67.4888	0	32.5112	8.493978	24.01722	33.66701	2
1717.045	1718.206	1050.206	76.08	76.91	73.47	71.06	71.62168	0	28.37832	6.393976	21.98434	33.17144	2
1717.05	1718.211	1050.211	73.14	120.11	69.1	66.61	74.95458	0	25.04542	20.67499	4.370432	33.75024	2
1717.055	1718.217	1050.217	72.2	75.53	69.49	69.14	76.30024	0	23.69976	15.24763	8.452126	33.27246	2
1717.06	1718.222	1050.222	72.75	72.29	69.91	68.02	77.58582	0	22.41418	15.96126	6.452923	33.48035	2
1717.065	1718.227	1050.227	72.3	52.05	70.48	69.08	74.9929	0	25.0071	14.65253	10.35457	33.34741	2
1717.07	1718.232	1050.232	72.3	58.94	70.4	68.91	73.94552	0	26.05448	14.12699	11.92749	33.39513	2
1717.075	1718.237	1050.237	71.62	56.05	70.04	69.67	72.7905	0	27.2095	19.12935	8.080151	33.23326	2
1717.08	1718.242	1050.242	76.04	51.41	76.24	75.24	56.05198	1.347879	42.60014	17.87606	24.72408	33.56376	2
1717.085	1718.247	1050.247	73.57	67	71.47	69.26	72.3766	0	27.6234	23.11536	4.508044	33.4693	2
1717.09	1718.252	1050.252	72.26	41.09	71.72	72.26	67.76202	0	32.23798	11.94687	20.29111	33.2592	2
1717.095	1718.257	1050.257	75.47	56.87	77.07	77.53	44.40506	4.47801	51.11693	20.01598	31.10095	31.82361	2
1717.1	1718.262	1050.262	76.5	35.07	76.82	75.8	58.65306	0.637433	40.70951	10.87376	29.83574	34.34761	2
1717.105	1718.267	1050.267	75.24	44.63	74.88	72.46	62.76874	0	37.23126	20.73551	16.49575	34.48544	2
1717.11	1718.273	1050.273	72.36	49.95	71.59	69.12	67.3084	0	32.6916	16.94709	15.74451	33.84542	2
1717.115	1718.278	1050.278	71.43	46.78	71.33	71.77	63.73864	0	36.26136	12.46123	23.80013	33.55682	2
1717.12	1718.283	1050.283	74.12	49.38	74.17	71.67	59.47214	0.39092	40.13694	22.13972	17.99722	34.33647	2
1717.125	1718.288	1050.288	75.13	47.88	74.96	71.45	60.61094	0.120761	39.2683	21.28795	17.98035	34.81532	2
1717.13	1718.293	1050.293	72.65	42.84	72.75	71.47	62.01972	0	37.98028	13.96134	24.01894	34.18264	2
1717.135	1718.298	1050.298	69.13	38.42	68.73	66.22	70.20276	0	29.79724	16.47151	13.32573	33.53962	2
1717.14	1718.303	1050.303	68.76	26.65	68.26	67.35	74.1665	0	25.8335	5.706929	20.12657	33.11269	2
1717.145	1718.308	1050.308	69.34	23.45	69.3	69.53	70.8423	0	29.1577	12.50733	16.65037	32.92958	2
1717.15	1718.313	1050.313	68.73	48.06	68.9	68.78	63.82038	0	36.17962	20.27642	15.9032	33.4053	2
1717.155	1718.318	1050.318	65.21	61.33	65.17	66.29	65.47494	0	34.52506	6.845889	27.67917	32.94341	2
1717.16	1718.323	1050.323	63.25	39.04	62.8	62.88	75.84982	0	24.15018	12.17932	11.97086	32.88889	2
1717.165	1718.329	1050.329	63.3	50.26	62.78	58.94	73.63108	0	26.36892	21.98881	4.38011	33.70555	2
1717.17	1718.334	1050.334	61.04	28.03	60.75	59.47	79.30744	0	20.69256	13.21653	7.476029	33.06798	2
1717.175	1718.339	1050.339	60.69	40.39	60.14	58.06	78.65332	0	21.34668	4.372279	16.9744	33.44133	2
1717.18	1718.344	1050.344	62.59	34.64	62.24	60.02	76.74682	0	23.25318	16.58704	6.66614	33.24663	2
1717.185	1718.349	1050.349	62.86	56.87	63.14	65.84	66.23626	0	33.76374	11.50324	22.2605	32.34183	2
1717.19	1718.354	1050.354	65.12	84.23	64.67	64.9	63.19344	0.32096	36.4856	25.8743	10.6113	33.09832	2
1717.195	1718.359	1050.359	63.27	83.05	62.65	63.23	66.4985	0	33.5015	9.285496	24.216	33.33449	2

1717.2	1718.364	1050.364	63.9	93.2	62.9	54.26	66.4076	0.176164	33.41624	18.10099	15.31524	35.03874	2
1717.205	1718.369	1050.369	62.88	107.7	60.58	55.26	73.912	0	26.088	21.5943	4.493702	35.37399	2
1717.21	1718.374	1050.374	63.3	88.01	62.1	56.5	69.76558	0	30.23442	20.79969	9.434733	34.6805	2
1717.215	1718.379	1050.379	63.95	98.34	62.97	60.85	64.96272	0.549212	34.48807	10.22207	24.266	33.42005	2
1717.22	1718.385	1050.385	64.6	75.87	64.7	65.79	61.43246	0.321667	38.24587	11.41634	26.82953	32.80512	2
1717.225	1718.39	1050.39	67.02	72.17	67.44	61.63	57.62146	0.908129	41.47041	28.46567	13.00474	33.71306	2
1717.23	1718.395	1050.395	67.44	76.51	67.16	62.94	61.60978	0.347251	38.04297	23.42864	14.61433	33.98488	2
1717.235	1718.4	1050.4	70.65	59.75	71.69	72.16	52.4825	1.882893	45.63461	28.14264	17.49196	32.35386	2
1717.24	1718.405	1050.405	70.19	67.23	70.84	73.32	54.11804	1.630489	44.25147	24.99733	19.25414	31.99215	2
1717.245	1718.41	1050.41	68.04	90.19	68.68	68.57	50.61722	2.647015	46.73577	24.05737	22.6784	31.40672	2
1717.25	1718.415	1050.415	66.75	89.99	65.57	66.69	65.95742	0.027978	34.0146	18.83597	15.17864	33.43821	2
1717.255	1718.42	1050.42	64.49	74.96	64.38	62.46	63.38138	0.000414	36.61821	25.1625	11.45571	33.72177	2
1717.26	1718.425	1050.425	63.55	67.96	62.28	61.08	74.93018	0	25.06982	5.946555	19.12327	33.71184	2
1717.265	1718.43	1050.43	59.4	78.33	59.99	60.26	61.82364	0.201013	37.97535	15.45307	22.52228	32.62534	2
1717.27	1718.435	1050.435	59.22	47.54	59	58.67	75.71792	0	24.28208	19.9673	4.314779	32.89083	2
1717.275	1718.441	1050.441	58.13	45.16	58.05	58.61	76.21168	0	23.78832	15.91781	7.870508	32.62505	2
1717.28	1718.446	1050.446	57.2	48.42	56.56	56.78	80.61836	0	19.38164	7.000129	12.38151	33.3212	2
1717.285	1718.451	1050.451	55.13	55.13	53.31	51.22	90.04394	0	9.95606	9.786156	0.169904	35.75976	2
1717.29	1718.456	1050.456	49.04	36.64	48.25	47.59	92.13882	0	7.86118	7.080979	0.780201	35.04956	2
1717.295	1718.461	1050.461	46.89	30.24	46.57	47.38	92.02312	0	7.97688	7.97688	0	34.32305	2
1717.3	1718.466	1050.466	46.14	38.06	45.65	47.3	92.13818	0	7.86182	5.600978	2.260842	34.49577	2
1717.305	1718.471	1050.471	63.17165	39.38827	63.43927	66.0218	70.27607	0	29.72393	17.13019	12.59373	32.11623	2
1717.31	1718.476	1050.476	61.39032	39.89516	60.93989	62.63561	77.35707	0	22.64293	6.168444	16.47448	32.62985	2
1717.315	1718.481	1050.481	65.78257	58.04979	65.17894	64.53506	70.11014	0	29.88986	21.84952	8.040344	33.25698	2
1717.32	1718.486	1050.486	68.4632	57.39806	67.28699	66.67861	72.23911	0	27.76089	13.39583	14.36506	33.34465	2
1717.325	1718.491	1050.491	67.34843	47.0241	67.13235	67.02431	68.33421	0	31.66579	9.851341	21.81445	33.09203	2
1717.33	1718.497	1050.497	48.97	33.39	49.13	49.61	85.62722	0	14.37278	14.37278	0	33.06047	2
1717.335	1718.502	1050.502	47.42	30.21	48.18	49.26	83.17278	0	16.82722	8.994689	7.832531	32.12659	2
1717.34	1718.507	1050.507	47.96	22.47	48.18	48.91	88.73406	0	11.26594	11.26594	0	33.20875	2
1717.345	1718.512	1050.512	47.13	23.37	47.16	47.41	90.75236	0	9.24764	9.24764	0	33.79248	2
1717.35	1718.517	1050.517	45.79	23.91	45.98	45.3	90.61448	0	9.38552	9.38552	0	33.83711	2
1717.355	1718.522	1050.522	44.65	20.31	44.08	43.32	98.42448	0	1.57552	1.57552	0	35.97102	2
1717.36	1718.527	1050.527	44.42	22.66	44.58	45.47	92.40988	0	7.59012	7.59012	0	33.87952	2
1717.365	1718.532	1050.532	45.49	32.23	45.37	49.02	91.27954	0	8.72046	6.071348	2.649112	33.57152	2
1717.37	1718.537	1050.537	47.13	33.38	46.84	47.26	90.80994	0	9.19006	9.19006	0	34.21544	2
1717.375	1718.542	1050.542	45.88	22.1	45.26	43.95	97.2472	0	2.7528	2.7528	0	35.85216	2
1717.38	1718.547	1050.547	48.86	20.86	48.77	48.37	90.69818	0	9.30182	9.30182	0	33.93075	2
1717.385	1718.553	1050.553	50.93	29.71	50.77	49.65	87.19458	0	12.80542	6.077004	6.728416	33.72542	2
1717.39	1718.558	1050.558	51.85	26.18	52.39	53.17	81.77744	0	18.22256	3.890952	14.33161	32.19051	2
1717.395	1718.563	1050.563	52.35	39.25	52.98	54.76	77.457	0	22.543	14.43309	8.109907	31.81974	2
1717.4	1718.568	1050.568	54.14	68.37	54.47	59.82	71.08816	0	28.91184	23.37203	5.539808	31.59312	2
1717.405	1718.573	1050.573	54.23	70.01	55.22	51.52	65.49348	0	34.50652	18.67384	15.83268	32.88207	2
1717.41	1718.578	1050.578	54.12	74.05	52.51	46.76	84.767	0	15.233	8.160855	7.072145	35.95287	2
1717.415	1718.583	1050.583	54.47	85.95	51.72	51.02	90.4002	0	9.5998	9.5998	0	36.75967	2
1717.42	1718.588	1050.588	53.46	77.08	51.55	50.69	86.96594	0	13.03406	13.03406	0	35.62601	2
1717.425	1718.593	1050.593	54.23	59.81	52.48	52.26	89.19688	0	10.80312	10.80312	0	35.37106	2
1717.43	1718.598	1050.598	54.5	59.92	53.32	51.28	84.50436	0	15.49564	15.49564	0	34.69665	2
1717.435	1718.603	1050.603	54.18	61.81	53.2	49.52	82.79138	0	17.20862	17.12159	0.087026	34.72264	2
1717.44	1718.609	1050.609	54.2	51.74	53.88	53.02	80.09492	0	19.90508	19.90508	0	33.35395	2
1717.445	1718.614	1050.614	53.61	35.89	53.1	51.63	85.94592	0	14.05408	11.16448	2.889604	33.94602	2
1717.45	1718.619	1050.619	53.65	47.49	52.82	50.52	85.58192	0	14.41808	14.41808	0	34.4601	2
1717.455	1718.624	1050.624	52.55	70.44	51.66	51.59	81.50502	0	18.49498	18.49498	0	34.05981	2
1717.46	1718.629	1050.629	49.74	91.66	49.03	45.57	77.55998	0	22.44002	7.782622	14.6574	34.6725	2
1717.465	1718.634	1050.634	49.47	95.75	48.65	46.46	77.6711	0	22.3289	9.57177	12.75713	34.61304	2
1717.47	1718.639	1050.639	47.4	84.26	46.78	39.06	80.80608	0	19.19392	8.172616	11.0213	35.60049	2
1717.475	1718.644	1050.644	59.70097	71.70705	57.36053	51.85984	85.86039	0	14.13961	14.13961	0	36.06236	2
1717.48	1718.649	1050.649	58.7892	46.8862	56.65695	52.89571	91.09242	0	8.907583	8.907583	0	36.03933	2
1717.485	1718.654	1050.654	58.29142	43.29595	55.89679	54.24304	94.45267	0	5.547331	4.686824	0.860507	36.34429	2
1717.49	1718.659	1050.659	56.2956	25.44265	54.8131	53.02614	93.54036	0	6.459637	6.459637	0	35.51436	2
1717.495	1718.665	1050.665	55.50936	16.826	54.88774	54.22644	89.67706	0	10.32294	10.32294	0	34.04246	2
1717.5	1718.67	1050.67	55.0092	16.48539	54.72161	54.29021	87.63093	0	12.36907	10.28546	2.08361	33.50408	2
1717.505	1718.675	1050.675	55.24064	16.20846	55.00524	54.95293	87.08052	0	12.91948	3.153827	9.765655	33.32535	2
1717.51	1718.68	1050.68	43.34	12.92	43.58	44.32	95.14056	0	4.85944	4.85944	0	34.18576	5
1717.515	1718.685	1050.685	44.42	16.48	43.96	43.14	98.71044	0	1.28956	1.28956	0	35.88269	5
1717.52	1718.69	1050.69	45.77	15.32	45.62	45.49	95.34666	0	4.65334	4.65334	0	34.72082	5
1717.525	1718.695	1050.695	47.02	21.37	46.71	46	93.97256	0	6.02744	6.02744	0	34.7798	5
1717.53	1718.7	1050.7	47.26	17.55	47.18	46.14	92.8937	0	7.1063	7.1063	0	34.37933	5
1717.535	1718.705	1050.705	48.13	21.86	47.61	45.91	94.46028	0	5.53972	5.53972	0	35.20627	5
1717.54	1718.71	1050.71	48.57	22.98	48.12	45.28	93.24194	0	6.75806	6.75806	0	35.14366	5
1717.545	1718.715	1050.715	48.82	20.16	47.97	46.08	96.79438	0	3.20562	3.20562	0	35.91468	5
1717.55	1718.721	1050.721	49.9	21.75	49.25	47.85	93.866	0	6.134	6.134	0	35.09139	5
1717.555	1718.726	1050.726	52.24	22.08	51.96	52	88.76584	0	11.23416	11.23416	0	33.67523	5
1717.56	1718.731	1050.731	54.98	42.97	53.86	53.61	87.69966	0	12.30034	12.30034	0	34.43146	5

1717.565	1718.736	1050.736	55.93	41.67	55.22	57.5	83.96276	0	16.03724	7.746781	8.290459	33.20879	5
1717.57	1718.741	1050.741	56.56	40.21	55.83	59.31	83.89148	0	16.10852	16.10852	0	32.95923	5
1717.575	1718.746	1050.746	57.47	30.79	57.37	60.12	80.45142	0	19.54858	19.54858	0	32.28005	5
1717.58	1718.751	1050.751	58.13	23.41	58.2	59.28	80.31268	0	19.68732	18.99766	0.689655	32.39674	5
1717.585	1718.756	1050.756	59.09	31.51	59.06	61.94	78.24428	0	21.75572	12.5924	9.163318	32.11168	5
1717.59	1718.761	1050.761	60	27.68	60.73	62.29	72.44394	0	27.55606	6.230257	21.3258	31.78489	5
1717.595	1718.766	1050.766	60.07	29.83	60.44	62.78	74.64924	0	25.35076	22.77478	2.575976	31.87935	5
1717.6	1718.771	1050.771	60.41	33	60.84	63	73.1043	0	26.8957	12.65637	14.23933	31.9058	5
1717.605	1718.777	1050.777	60.58	26.14	60.9	63.53	75.46052	0	24.53948	21.94309	2.596385	31.855	5
1717.61	1718.782	1050.782	60.28	27.4	60.46	62.94	76.5166	0	23.4834	18.66513	4.818273	31.98616	5
1717.615	1718.787	1050.787	60.17	31.08	60.61	62	73.71224	0	26.28776	5.078136	21.20962	32.01926	5
1717.62	1718.792	1050.792	60.23	42.08	60.92	62.71	69.05754	0	30.94246	7.663528	23.27893	31.94221	5
1717.625	1718.797	1050.797	61.29	60.28	61.29	62.78	69.02544	0	30.97456	7.361481	23.61308	32.5633	5
1717.63	1718.802	1050.802	60.57	39	60.94	60.65	71.9701	0	28.0299	15.28659	12.74331	32.44865	5
1717.635	1718.807	1050.807	60.03	30.83	60.43	61.71	74.21154	0	25.78846	13.42389	12.36457	32.05904	5
1717.64	1718.812	1050.812	59.4	31.1	59.9	62.28	73.9508	0	26.0492	13.88663	12.16257	31.77274	5
1717.645	1718.817	1050.817	59.58	28.06	60.06	61.82	74.67588	0	25.32412	19.86804	5.45608	31.88883	5
1717.65	1718.822	1050.822	58.19	33.65	58.32	60	77.3144	0	22.6856	8.080741	14.60486	32.20342	5
1717.655	1718.827	1050.827	57.23	34.49	57.02	58.5	80.62932	0	19.37068	10.78969	8.580993	32.63905	5
1717.66	1718.833	1050.833	57.19	33.55	57	58.82	80.7386	0	19.2614	12.2103	7.051099	32.5598	5
1717.665	1718.838	1050.838	56.89	36.99	57	57.76	77.85712	0	22.14288	6.642088	15.50079	32.42829	5
1717.67	1718.843	1050.843	56.16	36.97	55.94	55.28	81.09106	0	18.90894	18.90894	0	33.10677	5
1717.675	1718.848	1050.848	56.39	62.66	55.86	56.18	77.06498	0	22.93502	8.574327	14.36069	33.20799	5
1717.68	1718.853	1050.853	54.07	46.96	53.22	52.57	85.47878	0	14.52122	14.52122	0	34.13471	5
1717.685	1718.858	1050.858	56.38	64.7	55.03	52.69	82.9355	0	17.0645	17.0645	0	34.69133	5
1717.69	1718.863	1050.863	56.53	52.34	56.37	59.06	76.56612	0	23.43388	19.95229	3.481587	32.37104	5
1717.695	1718.868	1050.868	54.13	34.91	53.08	51.26	89.88968	0	10.11032	5.227115	4.883205	34.8857	5
1717.7	1718.873	1050.873	52.72	19.38	52.48	52.38	88.66764	0	11.33236	11.33236	0	33.60893	5
1717.705	1718.878	1050.878	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1718.01	1719.189	1051.189	76.62	71.32	76.81	75.57	50.77766	2.843382	46.37896	17.9363	28.44266	32.50649	5
1718.015	1719.194	1051.194	70.81	87.73	71.65	71.02	47.11414	3.486729	49.39913	17.37911	32.02002	31.37684	5
1718.02	1719.199	1051.199	70.54	88.77	71.43	72.39	46.72336	3.563838	49.7128	30.10774	19.60506	31.01411	5
1718.025	1719.204	1051.204	70.44	104.43	71.12	71.94	44.65314	4.253735	51.09313	32.7683	18.32483	30.52574	5
1718.03	1719.209	1051.209	70.08	99.89	70.4	72.06	48.87302	3.29113	47.83585	26.79984	21.03601	30.78951	5
1718.035	1719.214	1051.214	69.4	94.04	68.8	69.24	58.04432	1.396481	40.5592	30.15313	10.40607	32.23885	5
1718.04	1719.219	1051.219	69.09	94.86	69.13	69.47	53.17108	2.321584	44.50734	22.07158	22.43576	31.55092	5
1718.045	1719.225	1051.225	68.13	66.84	67.87	68.11	63.16012	0	36.83988	10.46673	26.37315	33.48512	5
1718.05	1719.23	1051.23	67.86	70.06	67.25	67.29	65.34178	0	34.65822	20.40067	14.25755	33.43945	5
1718.055	1719.235	1051.235	68.11	74.91	66.88	66.71	68.74308	0	31.25692	17.58268	13.67424	33.46677	5
1718.06	1719.24	1051.24	68.74	71.11	67.96	67.44	65.59558	0	34.40442	8.522585	25.88184	33.57843	5
1718.065	1719.245	1051.245	70.5	80.37	69.49	66.29	63.51796	0.032357	36.44968	18.72476	17.72493	34.25747	5
1718.07	1719.25	1051.25	70.36	63.07	69.69	68.59	65.19836	0	34.80164	15.58169	19.21995	33.7002	5
1718.075	1719.255	1051.255	70.37	53.6	69.11	67.44	72.0534	0	27.9466	21.81012	6.136475	33.49288	5
1718.08	1719.26	1051.26	70.25	64.31	69.1	67.71	68.71948	0	31.28052	11.17989	20.10063	33.5881	5
1718.085	1719.265	1051.265	70.81	65.42	69.61	66.76	68.32316	0	31.67684	23.7074	7.969443	33.87702	5
1718.09	1719.27	1051.27	69.53	55.53	68.44	68.39	71.04164	0	28.95836	13.90585	15.05251	33.22038	5
1718.095	1719.275	1051.275	68.78	58.95	67.82	66.82	69.8965	0	30.1035	13.79815	16.30535	33.4308	5
1718.1	1719.281	1051.281	69.5	79.04	68.18	67.18	67.16232	0	32.83768	21.25688	11.5808	33.6924	5
1718.105	1719.286	1051.286	67.85	121.14	66.02	65.17	62.44462	1.418047	36.13733	12.7437	23.39364	32.4309	5
1718.11	1719.291	1051.291	67.35	90.88	65.88	64.41	67.43754	0	32.56246	17.63911	14.92335	33.94372	5
1718.115	1719.296	1051.296	67.35	79.18	66.04	63.18	69.02894	0	30.97106	14.33116	16.6399	34.02038	5
1718.12	1719.301	1051.301	67.62	82.56	66.63	64.72	65.48258	0	34.51742	15.50004	19.01738	33.94344	5
1718.125	1719.306	1051.306	68.04	61.94	67.54	67.24	66.28872	0	33.71128	8.747664	24.96362	33.38519	5
1718.13	1719.311	1051.311	68.47	85.34	67.08	65.29	67.12782	0	32.87218	5.720388	27.15179	33.91851	5
1718.135	1719.316	1051.316	68.19	103.68	66.47	63.44	65.50464	0.400538	34.09482	15.47514	18.61968	33.87563	5
1718.14	1719.321	1051.321	66.1	61.18	65.2	64.82	71.35744	0	28.64256	14.87513	13.76743	33.29235	5
1718.145	1719.326	1051.326	65.16	60.67	64.22	61.59	72.65566	0	27.34434	22.16936	5.174977	33.71552	5
1718.15	1719.331	1051.331	64.51	60.03	63.7	63.67	72.40104	0	27.59896	15.8185	11.78046	33.18944	5
1718.155	1719.337	1051.337	63.16	56.1	62.73	62.24	71.6491	0	28.3509	15.8568	12.4941	33.08728	5
1718.16	1719.342	1051.342	61.9	49.05	61.81	61.59	71.8794	0	28.1206	19.53866	8.581938	32.79726	5
1718.165	1719.347	1051.347	60.45	52.14	59.71	59.33	77.50312	0	22.49688	5.485637	17.01124	33.29341	5
1718.17	1719.352	1051.352	59.38	50.32	58.69	58.82	78.54046	0	21.45954	9.817762	11.64178	33.21686	5
1718.175	1719.357	1051.357	58.31	52.82	57.51	56.41	79.77236	0	20.22764	20.22764	0	33.63107	5
1718.18	1719.362	1051.362	58.08	63.74	56.95	55.28	79.89882	0	20.10118	9.395231	10.70595	34.09027	5
1718.185	1719.367	1051.367	57.29	60.08	56.05	53.47	82.36384	0	17.63616	11.5106	6.125561	34.50262	5
1718.19	1719.372	1051.372	56.93	52.22	56.22	57.94	80.48966	0	19.51034	17.15536	2.354978	33.12597	5
1718.195	1719.377	1051.377	56.33	41.42	55.63	54.2	83.57776	0	16.42224	14.02765	2.394588	33.8316	5
1718.2	1719.382	1051.382	58.1	54.89	56.98	54.35	81.94462	0	18.05538	17.17001	0.885366	34.30049	5
1718.205	1719.387	1051.387	58.04	56.35	56.33	53.53	86.219	0	13.781	13.781	0	35.1388	5
1718.21	1719.393	1051.393	58.3	54.13	56.35	55.17	88.37704	0	11.62296	6.425801	5.197159	35.20404	5
1718.215	1719.398	1051.398	59.19	64.45	57.27	54.71	84.8283	0	15.1717	3.074358	12.09734	35.10176	5
1718.22	1719.403	1051.403	58.64	61.78	56.96	55.06	84.12044	0	15.87956	15.87956	0	34.7664	5
1718.225	1719.408	1051.408	58.66	76.78	56.93	55.39	80.85954	0	19.14046	19.14046	0	34.64197	5

1718.23	1719.413	1051.413	59.44	83.43	58.22	53.65	74.58014	0	25.41986	20.39432	5.025539	34.61511	5
1718.235	1719.418	1051.418	59.39	94.43	58.63	51.29	68.39914	0.083985	31.51688	16.02306	15.49381	34.83898	5
1718.24	1719.423	1051.423	60.07	90.77	59.66	60.83	65.94676	0.210549	33.84269	23.67673	10.16596	32.91461	5
1718.245	1719.428	1051.428	60.14	81.78	59.23	63.27	71.93294	0	28.06706	20.13448	7.932578	32.7623	5
1718.25	1719.433	1051.433	60.44	70.82	60.1	53.29	69.89176	0	30.10824	20.68357	9.42467	34.34036	5
1718.255	1719.438	1051.438	61.4	67.05	61.16	53.78	69.1459	0	30.8541	12.48042	18.37368	34.37797	5
1718.26	1719.443	1051.443	62.19	76.12	61.71	65.29	68.08416	0	31.91584	7.470401	24.44544	32.58844	5
1718.265	1719.449	1051.449	61.58	78.26	60.1	55.88	75.87748	0	24.12252	10.34266	13.77986	34.57574	5
1718.27	1719.454	1051.454	60.97	71.56	59.38	58.5	78.91258	0	21.08742	15.79988	5.287538	34.1083	5
1718.275	1719.459	1051.459	60.67	67.45	59.11	57.88	79.9507	0	20.0493	20.0493	0	34.18782	5
1718.28	1719.464	1051.464	60.85	69.24	60.63	61.59	68.96692	0	31.03308	14.92688	16.1062	32.84463	5
1718.285	1719.469	1051.469	61.74	65.29	62.2	62.56	63.83402	0	36.16598	20.40979	15.75619	32.81928	5
1718.29	1719.474	1051.474	61.34	60.49	61.73	64.8	65.90612	0	34.09388	18.0137	16.08018	32.18096	5
1718.295	1719.479	1051.479	61.8	76.07	62.27	61.18	61.09256	0.295655	38.61179	16.69373	21.91805	32.95759	5
1718.3	1719.484	1051.484	60.79	70.49	60.85	62.11	66.54962	0	33.45038	11.36013	22.09025	32.72385	5
1718.305	1719.489	1051.489	60.29	64.42	59.95	57.12	71.57856	0	28.42144	6.967406	21.45403	33.52944	5
1718.31	1719.494	1051.494	59.52	57.43	59.04	55.24	75.06354	0	24.93646	8.173024	16.76344	33.7602	5
1718.315	1719.499	1051.499	59.08	49.16	58.58	58.56	77.62468	0	22.37532	4.779208	17.59611	33.0782	5
1718.32	1719.505	1051.505	58.79	50.79	58.76	57.76	73.85452	0	26.14548	18.81326	7.332218	32.87929	5
1718.325	1719.51	1051.51	58.05	56.01	57.71	56.76	75.67458	0	24.32542	17.00494	7.32048	33.15933	5
1718.33	1719.515	1051.515	56.94	54.11	55.77	53.78	83.58808	0	16.41192	16.41192	0	34.39392	5
1718.335	1719.52	1051.52	56.01	47.07	55.18	54.76	83.51236	0	16.48764	16.48764	0	33.80854	5
1718.34	1719.525	1051.525	55.48	53.28	54.35	54.71	84.82214	0	15.17786	7.454508	7.723352	34.10687	5
1718.345	1719.53	1051.53	54.2	50.63	53.68	54.39	81.91354	0	18.08646	6.14611	11.94035	33.33083	5
1718.35	1719.535	1051.535	54.14	48.7	53.7	54.35	81.8158	0	18.1842	5.35458	12.82962	33.24971	5
1718.355	1719.54	1051.54	53.32	46.81	52.33	50.98	87.29008	0	12.70992	12.70992	0	34.6041	5
1718.36	1719.545	1051.545	51.52	36.07	51.05	50.78	87.51516	0	12.48484	5.992128	6.492712	33.93082	5
1718.365	1719.55	1051.55	49.9	43.96	49.16	46.43	89.18868	0	10.81132	2.842486	7.968834	35.00651	5
1718.37	1719.555	1051.555	48.73	34.04	48.51	47.75	88.63572	0	11.36428	11.36428	0	34.00607	5
1718.375	1719.561	1051.561	48.88	37.21	48.29	47	90.59808	0	9.40192	9.40192	0	34.75454	5
1718.38	1719.566	1051.566	49.77	44.06	48.88	47.38	90.44658	0	9.55342	9.55342	0	35.09817	5
1718.385	1719.571	1051.571	50.35	41.77	49.63	47.61	89.14966	0	10.85034	10.85034	0	34.80203	5
1718.39	1719.576	1051.576	51.52	45.58	50.57	49.47	88.93374	0	11.06626	11.06626	0	34.80124	5
1718.395	1719.581	1051.581	52.9	55.54	51.91	48.45	85.56382	0	14.43618	7.837471	6.598709	34.93068	5
1718.4	1719.586	1051.586	54.56	73.62	53.41	51.16	80.90126	0	19.09874	17.89386	1.204881	34.56186	5
1718.405	1719.591	1051.591	55.04	51.65	54.72	50.41	79.3439	0	20.6561	16.65487	4.001232	33.9182	5
1718.41	1719.596	1051.596	56.6	55.75	55.85	52.69	80.249	0	19.751	16.53532	3.215677	34.08734	5
1718.415	1719.601	1051.601	57.92	65.2	56.78	56.06	79.7702	0	20.2298	20.2298	0	33.93509	5
1718.42	1719.606	1051.606	57.89	58.38	56.91	55.24	80.20824	0	19.79176	17.28703	2.504727	33.95473	5
1718.425	1719.611	1051.611	59.3	58.68	58.38	53.98	78.37344	0	21.62656	17.72097	3.905587	34.27314	5
1718.43	1719.617	1051.617	60.26	48.94	59.6	58.08	77.83232	0	22.16768	7.79337	14.37431	33.44075	5
1718.435	1719.622	1051.622	61.03	49.26	60.02	59.02	79.75898	0	20.24102	8.201322	12.0397	33.62038	5
1718.44	1719.627	1051.627	61.47	49.76	60.42	59.2	79.54318	0	20.45682	10.03088	10.42594	33.66236	5
1718.445	1719.632	1051.632	61.42	60.4	59.93	58.85	80.4243	0	19.5757	4.883044	14.69266	34.03179	5
1718.45	1719.637	1051.637	60.96	56.21	59.67	58.46	80.31148	0	19.68852	7.067715	12.62081	33.91859	5
1718.455	1719.642	1051.642	61.04	63.69	59.47	57.77	80.59772	0	19.40228	10.68596	8.716316	34.25679	5
1718.46	1719.647	1051.647	59.66	58.93	58.59	57.35	79.14424	0	20.85576	20.85576	0	33.81084	5
1718.465	1719.652	1051.652	58.19	47.19	57.46	58.32	80.70272	0	19.29728	12.96674	6.330545	33.22087	5
1718.47	1719.657	1051.657	57.73	53.83	56.99	56.43	79.59654	0	20.40346	19.4235	0.979963	33.50561	5
1718.475	1719.662	1051.662	56.86	51.54	56.23	53.45	80.09862	0	19.90138	17.52166	2.379715	33.86732	5
1718.48	1719.667	1051.667	56.05	53.86	55.06	54	83.07238	0	16.92762	9.24777	7.67985	34.08297	5
1718.485	1719.673	1051.673	55.43	47.81	54.13	53	87.50938	0	12.49062	7.217212	5.273408	34.73687	5
1718.49	1719.678	1051.678	55.46	51.19	54.79	55.76	81.78132	0	18.21868	3.940813	14.27787	33.3559	5
1718.495	1719.683	1051.683	55.74	57.18	55.35	56.28	77.90414	0	22.09586	5.674664	16.4212	32.97555	5
1718.5	1719.688	1051.688	54.9	42.7	54.38	56.82	83.1886	0	16.8114	15.51921	1.292192	33.00147	5
1718.505	1719.693	1051.693	56.14	53.95	55.83	56.26	77.6978	0	22.3022	7.665371	14.63683	32.95684	5
1718.51	1719.698	1051.698	55.43	44.51	55.26	55.75	79.55048	0	20.44952	17.92055	2.528969	32.84346	5
1718.515	1719.703	1051.703	54.67	35.85	54.93	55.94	79.0129	0	20.9871	12.92516	8.061941	32.29854	5
1718.52	1719.708	1051.708	53.59	30.5	53.28	53.94	85.7187	0	14.2813	11.95917	2.322133	33.2937	5
1718.525	1719.713	1051.713	53.02	23.83	53.47	54	81.96724	0	18.03276	4.484219	13.54854	32.29067	5
1718.53	1719.718	1051.718	53.1	25.07	53.66	54.76	80.74106	0	19.25894	19.25894	0	32.0222	5
1718.535	1719.723	1051.723	53.2	36.16	53.92	55.71	76.72528	0	23.27472	15.40826	7.866465	31.67645	5
1718.54	1719.729	1051.729	52.72	29.56	52.62	52.06	85.11908	0	14.88092	14.88092	0	33.29242	5
1718.545	1719.734	1051.734	54.12	22.35	54.08	54.94	85.1109	0	14.8891	8.422636	6.466464	32.87528	5
1718.55	1719.739	1051.739	54.67	29.27	54.76	55.78	81.92276	0	18.07724	8.690784	9.386456	32.54242	5
1718.555	1719.744	1051.744	56.42	43.56	56.14	55.9	79.72208	0	20.27792	17.83794	2.439977	33.04654	5
1718.56	1719.749	1051.749	58.17	75.06	57.14	55.18	76.30158	0	23.69842	15.34756	8.350864	34.02102	1
1718.565	1719.754	1051.754	57.09	47.35	56.74	56.32	78.731	0	21.269	15.92854	5.340464	33.10724	1
1718.57	1719.759	1051.759	56.34	64.67	55.93	56.57	75.69456	0	24.30544	5.458722	18.84672	33.02747	1
1718.575	1719.764	1051.764	59.25	64.37	58.96	58.53	72.15996	0	27.84004	17.2469	10.59314	33.05332	1
1718.58	1719.769	1051.769	57	52.18	56.06	54.83	82.21744	0	17.78256	17.25056	0.532004	33.95003	1
1718.585	1719.774	1051.774	52.72	30.64	52.66	54.67	84.54772	0	15.45228	8.686323	6.765957	32.74104	1
1718.59	1719.779	1051.779	53.2	31.5	53.4	56.59	81.883	0	18.117	17.62219	0.49481	32.08388	1

1718.595	1719.785	1051.785	57.6	48.42	57.26	59.44	77.92536	0	22.07464	10.59357	11.48107	32.58697	1
1718.6	1719.79	1051.79	53.76	34.67	53.69	53.53	82.69316	0	17.30684	6.27475	11.03209	33.01555	1
1718.605	1719.795	1051.795	53.99	43.28	53.7	53.32	82.10294	0	17.89706	12.30949	5.58757	33.28061	1
1718.61	1719.8	1051.8	54.15	42.09	54.14	53.47	80.07372	0	19.92628	16.98772	2.938556	32.95209	1
1718.615	1719.805	1051.805	56.76	78.42	55.39	52.67	79.42066	0	20.57934	10.18139	10.39795	34.6531	1
1718.62	1719.81	1051.81	53.22	37.13	52.89	52.78	84.60964	0	15.39036	8.884761	6.505599	33.42793	1
1718.625	1719.815	1051.815	52.14	28.84	52.09	52.83	85.43942	0	14.56058	14.56058	0	33.04452	1
1718.63	1719.82	1051.82	51.87	34.66	51.34	52.35	87.99938	0	12.00062	12.00062	0	33.77234	1
1718.635	1719.825	1051.825	53.84	43.72	53.47	53.69	82.75446	0	17.24554	9.032776	8.212764	33.29491	1
1718.64	1719.83	1051.83	53.37	20.79	53.2	53.13	87.18592	0	12.81408	10.45714	2.356939	33.36343	1
1718.645	1719.835	1051.835	53.52	27.29	53.55	53.88	83.92492	0	16.07508	13.88282	2.192255	32.86813	1
1718.65	1719.841	1051.841	55.75	57.56	54.7	53.67	82.91798	0	17.08202	8.027581	9.054439	34.16426	1
1718.655	1719.846	1051.846	51.59	41.18	50.3	49.61	92.56914	0	7.43086	4.261698	3.169162	35.48131	1
1718.66	1719.851	1051.851	58.61	68.6	57.12	55.63	81.0251	0	18.9749	17.08403	1.890875	34.39243	1
1718.665	1719.856	1051.856	57.62	65.43	55.9	54.65	84.48554	0	15.51446	15.51446	0	34.81636	1
1718.67	1719.861	1051.861	52.02	33.99	51.7	51.65	86.39602	0	13.60398	12.25573	1.348246	33.58761	1
1718.675	1719.866	1051.866	53.05	34.01	52.41	51.39	87.92358	0	12.07642	3.781437	8.294983	34.17927	1
1718.68	1719.871	1051.871	53.17	40.76	52.57	52.12	85.86968	0	14.13032	5.126029	9.004291	33.88581	1
1718.685	1719.876	1051.876	54.14	37.16	53.8	52.83	83.83348	0	16.16652	16.16652	0	33.49979	1
1718.69	1719.881	1051.881	54.77	47.05	54.02	53.88	84.038	0	15.962	13.20472	2.757279	33.7851	1
1718.695	1719.886	1051.886	57.14	92.25	54.97	54.41	81.9242	0	18.0758	15.38573	2.690066	35.14602	1
1718.7	1719.891	1051.891	56.54	68.44	54.94	54.72	83.82072	0	16.17928	16.17928	0	34.5875	1
1718.705	1719.897	1051.897	54.92	44.27	54.58	54.33	81.39526	0	18.60474	15.11994	3.484804	33.2336	1
1718.71	1719.902	1051.902	57.91	49.91	58.2	58.17	72.39708	0	27.60292	5.393803	22.20912	32.45761	1
1718.715	1719.907	1051.907	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1719.065	1720.263	1052.263	112.7925	241.2344	115.3441	123.4573	0	77.75576	22.24424	22.24424	0	-9999	-9999
1719.07	1720.268	1052.268	107.69	204.17	109.18	111.59	0	47.85634	52.14366	52.14366	0	-9999	-9999
1719.075	1720.273	1052.273	131.7954	217.2451	133.077	130.2737	0	100	0	0	0	-9999	-9999
1719.08	1720.278	1052.278	119.9757	216.3359	119.433	118.4251	0	45.85894	54.14106	54.14106	0	-9999	-9999
1719.085	1720.283	1052.283	126.8205	179.1233	127.6244	127.2159	0	94.67347	5.326534	5.326534	0	-9999	-9999
1719.09	1720.289	1052.289	127.5562	136.8173	129.1804	132.4551	0	100	0	0	0	-9999	-9999
1719.095	1720.294	1052.294	123.8271	135.2379	125.1084	127.3572	0	90.39658	9.603421	9.603421	0	-9999	-9999
1719.1	1720.299	1052.299	118.3342	160.753	120.0199	121.7957	0	78.10138	21.89862	21.89862	0	-9999	-9999
1719.105	1720.304	1052.304	115.0731	200.7494	116.4882	114.8818	0	65.24726	34.75274	34.75274	0	-9999	-9999
1719.11	1720.309	1052.309	107.1468	137.2934	107.3702	106.3897	6.46861	29.33847	64.19292	50.55451	13.63841	-9999	-9999
1719.115	1720.314	1052.314	95.0716	92.62326	95.27297	94.73993	28.55866	13.48152	57.95982	25.44789	32.51193	31.11533	-9999
1719.12	1720.319	1052.319	93.76044	98.88775	93.91351	91.81764	28.62328	12.69497	58.68175	35.52667	23.15508	31.36217	-9999
1719.125	1720.324	1052.324	89.61013	127.949	90.08004	89.27136	22.95325	13.33326	63.71349	42.9704	20.7431	30.8338	10
1719.13	1720.329	1052.329	83.24	140.63	82.79	80.87	32.87424	8.01366	59.1121	27.095	32.0171	30.53896	10
1719.135	1720.334	1052.334	90.31	126.93	88.43	85.23	40.76774	4.191754	55.04051	30.30345	24.73705	31.84809	10
1719.14	1720.339	1052.339	90.45	117.49	89.1	83.98	38.81592	5.646004	55.53808	32.34906	23.18901	32.15729	10
1719.145	1720.345	1052.345	82.89	86.42	82.43	80.12	46.39256	4.213053	49.39439	23.15913	26.23526	32.26397	10
1719.15	1720.35	1052.35	90.06	61.49	89.63	88.54	45.59672	5.402675	49.00061	31.07948	17.92113	32.65003	10
1719.155	1720.355	1052.355	85.4	52.66	85.59	86.96	47.21578	4.906902	47.87732	30.68452	17.1928	32.30931	10
1719.16	1720.36	1052.36	84.76	49.45	85.47	85.78	44.5514	6.086675	49.36193	24.035	25.32692	32.23443	10
1719.165	1720.365	1052.365	87.78	57.5	88.37	90.44	40.7549	7.923686	51.32141	17.34719	33.97422	31.52109	10
1719.17	1720.37	1052.37	86.82	78.31	87.53	87.25	35.67208	9.200877	55.12704	36.55742	18.56962	31.34797	10
1719.175	1720.375	1052.375	84.02	60.96	84.59	83.7	43.53178	6.030257	50.43796	24.42787	26.01009	32.17056	10
1719.18	1720.38	1052.38	79.13	63.98	79.35	80.44	50.01224	3.226861	46.7609	13.97443	32.78647	32.24186	10
1719.185	1720.385	1052.385	81.13	54.75	80.84	81.62	54.3584	1.980328	43.66127	14.91545	28.74582	33.16323	10
1719.19	1720.39	1052.39	82.89	83.45	82.02	81.08	50.2888	2.864167	46.84703	20.69839	26.14865	32.51463	10
1719.195	1720.395	1052.395	82.8	96.85	81.87	80.77	47.5938	3.57983	48.82637	34.60508	14.22129	31.98917	10
1719.2	1720.401	1052.401	83.7	94.88	83.55	83.45	41.19754	5.968399	52.83406	36.43177	16.40229	31.30522	10
1719.205	1720.406	1052.406	85.25	103.08	84.98	81.72	38.71714	6.744509	54.53835	34.65835	19.88001	31.67717	10
1719.21	1720.411	1052.411	88.35	65.49	88.89	88.46	38.68442	8.615478	52.7001	23.90391	28.79619	31.73879	10
1719.215	1720.416	1052.416	90.61	83.78	90.61	92.41	36.36404	8.977354	54.65861	29.43667	25.22193	31.04111	10
1719.22	1720.421	1052.421	91.96	97.39	91.24	93.06	37.40842	7.463832	55.12775	22.27655	32.85119	31.05144	10
1719.225	1720.426	1052.426	92.05	87.77	91.89	92.44	35.31366	9.362423	55.32392	30.40787	24.91605	31.21629	10
1719.23	1720.431	1052.431	91.18	70.64	91.51	92.76	36.46202	9.876083	53.6619	38.592	15.0699	31.27411	10
1719.235	1720.436	1052.436	91.5	85.36	91.29	93.24	36.79038	8.66886	54.54076	30.59613	23.94463	31.05929	10
1719.24	1720.441	1052.441	92.59	92.68	92.61	94.67	32.23364	10.85047	56.91589	36.64827	20.26762	30.74453	10
1719.245	1720.446	1052.446	92.81	102.14	92.88	94.65	29.35442	11.86662	58.77896	34.2702	24.50877	30.63158	10
1719.25	1720.451	1052.451	92.69	96.5	92.39	91.59	33.6972	9.66947	56.63333	20.93272	35.70061	31.32667	10
1719.255	1720.457	1052.457	91.16	88.64	91.3	91.83	33.59692	10.23623	56.16685	24.9158	31.25105	31.08731	10
1719.26	1720.462	1052.462	90.27	92.79	90.55	91.29	32.32642	10.57555	57.09803	29.74399	27.35404	30.93476	10
1719.265	1720.467	1052.467	93.43	86.62	93.47	94.41	32.77236	11.0799	56.14774	30.59224	25.5555	31.03583	10
1719.27	1720.472	1052.472	92.22	89.07	92.31	93.94	32.90516	10.70001	56.39483	26.47068	29.92415	30.87194	10
1719.275	1720.477	1052.477	93.18	83.97	93.2	95.41	33.79866	10.63962	55.56172	22.19054	33.37117	30.87079	10
1719.28	1720.482	1052.482	92.34	76.55	92.39	93.94	36.1346	9.744827	54.12057	27.7712	26.34938	31.17666	10
1719.285	1720.487	1052.487	92.52	76.56	92.44	94.28	36.97408	9.250409	53.77551	19.24751	34.52801	31.19217	10
1719.29	1720.492	1052.492	93.53	76.63	93.33	94.18	36.95794	9.293577	53.74848	28.04095	25.70753	31.40373	10
1719.295	1720.497	1052.497	93.8	85.9	93.76	94.82	33.2262	10.87868	55.89512	23.72251	32.17261	31.05249	10
1719.3	1720.502	1052.502	94.17	86.22	94.3	95.28	31.49086	12.01172	56.49742	36.44772	20.04971	30.9757	10

1719.305	1720.507	1052.507	93.6	81.64	93.45	95.35	35.29362	9.919427	54.78695	26.27495	28.51201	31.05303	10
1719.31	1720.513	1052.513	93.81	86.44	93.8	95	32.85382	11.07145	56.07473	39.50697	16.56776	31.00182	10
1719.315	1720.518	1052.518	94.29	104.92	94.06	95.06	29.64506	11.52065	58.83429	23.67235	35.16194	30.80749	10
1719.32	1720.523	1052.523	92.86	105.79	92.73	96.98	29.97512	11.19349	58.83139	28.61075	30.22064	30.17077	10
1719.325	1720.528	1052.528	90.63	113.42	90.78	94.06	28.01026	11.63139	60.35835	33.96723	26.39112	30.18699	10
1719.33	1720.533	1052.533	100.6913	103.5906	100.8489	105.7455	21.07377	18.85122	60.07501	30.94222	29.1328	29.91662	11
1719.335	1720.538	1052.538	107.822	105.4057	107.6608	109.9554	16.5452	24.26956	59.18524	30.64877	28.53647	30.1479	11
1719.34	1720.543	1052.543	105.1491	101.7814	104.67	108.3556	22.34489	18.12127	59.53384	36.38553	23.14832	30.18483	11
1719.345	1720.548	1052.548	105.7592	104.8182	104.7866	102.1149	24.87346	14.59845	60.5281	43.21694	17.31115	31.60708	11
1719.35	1720.553	1052.553	97.53458	128.5496	97.93014	97.51061	16.09361	19.0894	64.81699	50.3599	14.45709	31.02852	11
1719.355	1720.558	1052.558	81.57241	113.9105	81.33711	78.34537	39.21064	6.26058	54.52878	31.20305	23.32572	31.29419	11
1719.36	1720.563	1052.563	74.24875	72.73102	73.90889	73.3991	56.72416	1.272213	42.00363	21.09208	20.91155	33.00379	11
1719.365	1720.569	1052.569	75.09886	79.87337	74.23615	72.29505	58.26569	0.948597	40.78571	19.6647	21.12101	33.41417	11
1719.37	1720.574	1052.574	91.41323	89.5124	91.27386	90.08924	35.31793	9.212412	55.46966	37.22851	18.24116	31.50059	11
1719.375	1720.579	1052.579	103.4356	57.93964	103.6798	102.4465	28.92524	19.39825	51.67651	31.35896	20.31755	31.08386	11
1719.38	1720.584	1052.584	109.4249	39.24406	109.6245	108.664	28.28517	25.84431	45.87052	28.12574	17.74478	30.35017	11
1719.385	1720.589	1052.589	113.38	45.39016	113.3042	112.6089	25.2938	29.40587	45.30033	19.24197	26.05835	29.75127	11
1719.39	1720.594	1052.594	117.6484	56.07812	117.6741	118.5068	17.99396	39.96595	42.04009	23.81961	18.22048	28.18907	11
1719.395	1720.599	1052.599	119.4115	61.78859	119.6176	120.4547	13.59161	47.68613	38.72227	27.32511	11.39716	27.38202	11
1719.4	1720.604	1052.604	114.5654	55.15838	114.4766	115.6693	21.93988	31.97986	46.08026	23.69762	22.38264	29.10717	11
1719.405	1720.609	1052.609	89.61792	116.9781	91.0933	92.46808	17.80864	16.87701	65.31435	51.45719	13.85716	30.7493	9
1719.41	1720.614	1052.614	62.51	140.84	61.27	52.55	58.01752	3.028106	38.95437	17.146	21.80838	32.23748	9
1719.415	1720.619	1052.619	53.24	71.92	51.27	48.39	88.88206	0	11.11794	11.11794	0	36.22023	9
1719.42	1720.625	1052.625	54.89	72.9	54.26	52.52	76.7419	0	23.2581	17.89232	5.365782	33.79194	9
1719.425	1720.63	1052.63	53.24	64.42	51.68	51.39	87.51956	0	12.48044	12.48044	0	35.1283	9
1719.43	1720.635	1052.635	51.9	36.85	50.84	50.33	91.5493	0	8.4507	8.4507	0	35.01088	9
1719.435	1720.64	1052.64	52.01	36.29	51.66	50.7	86.08112	0	13.91888	7.746774	6.172106	33.76871	9
1719.44	1720.645	1052.645	50.01	28.32	49.43	49.45	91.63236	0	8.36764	8.36764	0	34.47853	9
1719.445	1720.65	1052.65	54.03	42.66	52.55	51.19	91.43868	0	8.56132	8.56132	0	35.45235	9
1719.45	1720.655	1052.655	59.01	72.31	57.07	54.81	83.24678	0	16.75322	14.75744	1.995776	35.00908	9
1719.455	1720.66	1052.66	73.57	34.09	72.86	72.26	69.56832	0	30.43168	9.347223	21.08446	33.38145	10
1719.46	1720.665	1052.665	80.93	51.91	79.77	79.08	61.97218	0	38.02782	18.16754	19.86028	34.16809	10
1719.465	1720.67	1052.67	81.92	57.49	80.95	80.61	58.23852	0.600749	41.16073	22.05039	19.11034	34.01654	10
1719.47	1720.675	1052.675	81.79	91.22	80.16	77.61	55.31046	1.151845	43.53769	19.0946	24.4431	33.31665	10
1719.475	1720.681	1052.681	79.98	91.62	79.15	76.2	50.67886	2.803247	46.51789	25.53169	20.98621	32.59766	10
1719.48	1720.686	1052.686	80.54	88.42	81.27	80.23	38.84806	6.72583	54.42611	29.25514	25.17097	31.31058	10
1719.485	1720.691	1052.691	78.55	106.21	79.5	79.14	34.66868	7.632006	57.69931	29.81645	27.88286	30.66233	10
1719.49	1720.696	1052.696	84.42	98.35	84.74	82.16	36.0529	7.955335	55.99177	31.51781	24.47396	31.44927	10
1719.495	1720.701	1052.701	87.62	61.85	88.12	88.65	40.5469	7.782095	51.67101	26.46049	25.21051	31.73141	10
1719.5	1720.706	1052.706	89.92	55.3	89.77	89.73	45.0535	6.056015	48.89049	18.77103	30.11946	32.44149	10
1719.505	1720.711	1052.711	91.28	59.79	91.63	93.56	38.84072	9.29902	51.86026	37.27542	14.58485	31.42268	10
1719.51	1720.716	1052.716	89.51	84	89.94	92.53	33.9903	10.13874	55.87096	26.49669	29.37427	30.72751	10
1719.515	1720.721	1052.721	90.09	52.13	89.79	89.2	46.82674	5.314561	47.8587	29.18213	18.67657	32.80839	10
1719.52	1720.726	1052.726	86.25	57.02	86.37	86.32	45.92116	5.365603	48.71324	18.67974	30.0335	32.389	10
1719.525	1720.731	1052.731	85.24	84.75	84.98	84.17	43.0847	5.53548	51.37982	25.03331	26.34651	31.8127	10
1719.53	1720.737	1052.737	82.38	79.13	82.16	81.73	46.76594	4.226395	49.00766	31.54208	17.46558	32.04618	10
1719.535	1720.742	1052.742	82.91	102.76	82.43	80.55	42.57488	5.265761	52.15936	35.87194	16.28741	31.56592	10
1719.54	1720.747	1052.747	79.88	72.64	80.56	81.45	43.66152	5.247377	51.0911	17.17544	33.91566	31.51604	10
1719.545	1720.752	1052.752	75.22	89.45	74.71	74.2	53.1032	2.289163	44.60764	21.46213	23.1455	32.19058	10
1719.55	1720.757	1052.757	73.95	78.86	73.67	72.95	55.05188	1.730382	43.21774	17.9798	25.23794	32.64275	10
1719.555	1720.762	1052.762	74.58	97.4	75.15	76.3	43.3981	4.759301	51.8426	33.24254	18.60006	30.73526	10
1719.56	1720.767	1052.767	76.73	138.01	76.75	85.34	35.85498	7.014534	57.13049	27.726	29.40448	28.32901	11
1719.565	1720.772	1052.772	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1720.04	1721.255	1053.255	89.24	49.59717	88.35473	87.03257	52.75754	2.475839	44.76662	17.12385	27.64277	33.82191	12
1720.045	1721.26	1053.26	99.26	51.505	99.1639	98.83956	36.96137	12.29594	50.74269	33.09657	17.64612	31.77484	12
1720.05	1721.265	1053.265	95.64	59.44376	96.40919	96.31452	31.66458	14.86785	53.46757	24.09878	29.36879	31.25736	12
1720.055	1721.27	1053.27	92.95	43.7207	93.99083	94.061	35.83913	12.79462	51.36625	34.85324	16.51301	31.61514	12
1720.06	1721.275	1053.275	97.4	54.08616	97.96032	97.05427	32.96068	14.94903	52.09029	23.03151	29.05877	31.48086	12
1720.065	1721.28	1053.28	104.36	69.07313	104.3845	105.7567	27.0832	19.38704	53.52976	27.66486	25.8649	30.53725	12
1720.07	1721.285	1053.285	105.36	130.5315	105.4215	106.3806	11.00367	25.03065	63.96568	53.64686	10.31882	30.7703	12
1720.075	1721.29	1053.29	104.96	193.3244	105.3038	105.9178	0	31.27926	68.72074	68.72074	0	-9999	12
1720.08	1721.295	1053.295	103.03	135.3838	102.8593	102.2376	13.77228	20.85949	65.36823	56.09455	9.273676	31.12852	12
1720.085	1721.3	1053.3	102.24	93.70512	102.7869	101.6445	19.02383	22.8022	58.17397	38.39237	19.7816	30.86096	12
1720.09	1721.305	1053.305	105.45	72.48241	105.327	102.8915	26.39853	19.57367	54.0278	38.91774	15.11006	31.20749	12
1720.095	1721.31	1053.31	99.77	65.68928	99.98668	99.89038	30.63551	15.80053	53.56396	30.88707	22.6769	31.14534	12
1720.1	1721.315	1053.315	93.14	56.36296	93.59651	93.94767	37.1334	10.88573	51.98087	27.3504	24.63047	31.60673	12
1720.105	1721.32	1053.32	90.11	85.92362	90.77962	91.1837	31.11573	11.67158	57.21268	35.72243	21.49026	31.00528	12
1720.11	1721.325	1053.325	89.31	112.6697	88.68899	86.13596	35.38154	7.774108	56.84436	31.36644	25.47792	31.43642	12
1720.115	1721.33	1053.33	92.44	97.3372	91.70487	87.56245	37.09687	7.608095	55.29503	21.05808	34.23695	32.14592	12
1720.12	1721.335	1053.335	92.31	104.1518	91.7152	89.39433	34.47974	8.639075	56.88119	29.19372	27.68746	31.57369	12
1720.125	1721.34	1053.34	92.66	93.48711	91.235	88.385	43.17266	4.36334	52.464	18.17673	34.28727	32.53734	12
1720.13	1721.345	1053.345	98.71	56.28716	100.8196	102.6656	19.21553	26.98465	53.79982	41.68682	12.113	30.25694	12
1720.135	1721.35	1053.35	96.94	77.59028	99.17699	100.0813	14.70172	26.61114	58.68714	32.3138	26.37335	30.74376	12

1720.14	1721.355	1053.355	93.21	47.93143	93.56129	92.74161	39.92486	9.848643	50.22649	22.07502	28.15147	32.13659	12
1720.145	1721.36	1053.36	93.11	68.37049	91.91613	90.90954	47.04562	3.85066	49.10372	21.58308	27.52064	32.93226	12
1720.15	1721.365	1053.365	88.31	47.33828	88.93948	88.93948	42.42048	7.715698	49.86382	16.20838	33.65544	32.17283	12
1720.155	1721.37	1053.37	93.37	50.48516	93.99098	94.44793	37.06958	11.48965	51.44077	23.53874	27.90203	31.6118	12
1720.16	1721.375	1053.375	98.03	52.06079	97.80291	98.17342	38.97361	10.52813	50.49825	31.81327	18.68498	31.87356	12
1720.165	1721.38	1053.38	99.68	66.80094	100.5464	103.4342	25.41425	20.26384	54.32191	31.90367	22.41824	30.25127	12
1720.17	1721.385	1053.385	105.76	59.58027	105.9817	106.8314	26.56445	22.19644	51.23911	21.32463	29.91448	30.39848	12
1720.175	1721.39	1053.39	97.6	77.87075	98.35169	101.3107	25.5377	17.94322	56.51908	39.8547	16.66437	30.34846	12
1720.18	1721.395	1053.395	109.16	45.52587	110.5186	112.7122	18.02655	38.83706	43.13639	26.84512	16.29128	28.6396	12
1720.185	1721.4	1053.4	113.01	36.12975	113.414	115.0427	24.1563	34.46789	41.37581	27.03833	14.33748	28.77622	12
1720.19	1721.405	1053.405	113.44	66.94338	112.6308	113.1239	25.70622	21.39504	52.89874	35.4225	17.47624	30.40778	12
1720.195	1721.41	1053.41	115.47	67.53976	115.1646	118.7659	19.7899	31.32676	48.88334	20.97306	27.91028	28.76345	12
1720.2	1721.415	1053.415	113.89	43.87517	113.2695	114.1179	29.41214	22.88828	47.69958	27.73612	19.96345	30.21104	12
1720.205	1721.42	1053.42	109.44	27.37115	109.2778	106.6703	33.94834	21.11155	44.9401	17.86754	27.07256	31.33175	12
1720.21	1721.425	1053.425	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1724.055	1723.545	1055.545	81.11	24.53	80.5	79.88	64.17004	0	35.82996	16.06489	19.76507	34.52379	-9999
1724.06	1723.55	1055.55	81.15	35.92	80.27	79.5	63.46936	0	36.53064	6.798807	29.73183	34.32091	-9999
1724.065	1723.555	1055.555	85.78	50.75	84.76	83.9	56.7059	0.991471	42.30263	14.71601	27.58662	34.17562	-9999
1724.07	1723.56	1055.56	80.13	39.47	78.85	77.21	66.64866	0	33.35134	13.72477	19.62657	33.73318	-9999
1724.075	1723.565	1055.565	77.02	27.27	75.87	74.5	71.45476	0	28.54524	13.9673	14.57794	33.3884	-9999
1724.08	1723.57	1055.57	80.05	17.68	79.8	78.21	64.01294	0	35.98706	14.60846	21.3786	34.92742	-9999
1724.085	1723.575	1055.575	90.08	30.51	89.76	89.67	52.22298	3.768624	44.0084	18.52452	25.48388	33.72891	-9999
1724.09	1723.58	1055.58	93.23	38.31	93.2	92.65	45.18988	7.347303	47.46282	30.8282	16.63462	32.76788	-9999
1724.095	1723.585	1055.585	86.89	61.34	86.9	85.08	45.13942	5.576354	49.28423	33.68483	15.5994	32.57132	-9999
1724.1	1723.59	1055.59	86.12	32.21	86.11	86.49	53.05228	3.185637	43.76208	28.98465	14.77744	33.59619	-9999
1724.105	1723.595	1055.595	83.86	61.34	84.42	81	43.66452	5.945634	50.38985	22.03349	28.35636	32.61127	-9999
1724.11	1723.6	1055.6	84.74	126.86	84.52	83.76	33.04408	8.310491	58.64543	40.34519	18.30023	30.59105	-9999
1724.115	1723.605	1055.605	81.01	71.67	79.63	79	58.82166	0.328885	40.84946	18.44488	22.40457	33.82984	-9999
1724.12	1723.61	1055.61	78.6	34.2	78.62	72.89	59.2566	0.565907	40.17749	26.57595	13.60154	35.4015	-9999
1724.125	1723.615	1055.615	76.33	24.64	75.66	74.65	69.00602	0	30.99398	22.92827	8.065709	33.64112	-9999
1724.13	1723.62	1055.62	76.26	35.34	75.51	73.04	67.10102	0	32.89898	9.908118	22.99086	33.99521	-9999
1724.135	1723.625	1055.625	74.4	22.95	73.98	73.11	69.2531	0	30.7469	22.25065	8.496255	33.53563	-9999
1724.14	1723.63	1055.63	74.34	25.37	74.62	74.88	63.29766	0	36.70234	10.8548	25.84754	33.99965	-9999
1724.145	1723.635	1055.635	72.71	22.8	72.71	72.18	67.5892	0	32.4108	5.643971	26.76683	33.49861	-9999
1724.15	1723.64	1055.64	68	33.85	68.14	67.78	68.1633	0	31.8367	11.87275	19.96395	33.01184	-9999
1724.155	1723.645	1055.645	64.78	28.74	64.51	63.2	75.53982	0	24.46018	15.9832	8.476982	32.97264	-9999
1724.16	1723.65	1055.65	65.7	15.62	65.69	66.94	75.85346	0	24.14654	22.9491	1.19744	32.36869	-9999
1724.165	1723.655	1055.655	63.41	16.59	63.81	65.61	74.54802	0	25.45198	22.84644	2.605543	31.98253	-9999
1724.17	1723.66	1055.66	64.74	31.07	65.08	68.65	70.28526	0	29.71474	13.17441	16.54033	31.89954	-9999
1724.175	1723.665	1055.665	64.7	30.31	64.74	65.29	72.83098	0	27.16902	8.746359	18.42266	32.51499	-9999
1724.18	1723.67	1055.67	65.48	36.08	65.8	63.81	68.54704	0	31.45296	7.346113	24.10685	33.0708	-9999
1724.185	1723.675	1055.675	65.71	28.2	65.59	64.96	73.6524	0	26.3476	17.44732	8.900283	32.81566	-9999
1724.19	1723.68	1055.68	67.27	14.49	67.86	68.21	70.03252	0	29.96748	13.11626	16.85122	32.57043	-9999
1724.195	1723.685	1055.685	71.04	19.71	70.83	70.33	71.50088	0	28.49912	19.93361	8.565514	33.12152	-9999
1724.2	1723.69	1055.69	75.66	37.3	74.17	73.15	72.9137	0	27.0863	21.45027	5.636027	33.13592	-9999
1724.205	1723.695	1055.695	76.49	54.07	74.74	71.92	70.10676	0	29.89324	24.05481	5.838431	33.47224	-9999
1724.21	1723.7	1055.7	74.46	104.22	72.51	71.11	61.38806	0.554629	38.05731	14.05287	24.00444	33.24587	-9999
1724.215	1723.705	1055.705	80.02	58.24	80.76	77.84	46.55252	4.489945	48.95754	24.8468	24.11074	32.71467	-9999
1724.22	1723.71	1055.71	79.74	67.16	79.29	75.15	53.87398	2.007512	44.11851	31.20677	12.91174	33.66577	-9999
1724.225	1723.715	1055.715	78.36	51.77	77.18	73.89	64.52546	0	35.47454	17.62337	17.85117	34.22639	-9999
1724.23	1723.72	1055.72	80.77	53	80.4	78.08	55.7331	1.545146	42.72175	31.15008	11.57167	33.93498	-9999
1724.235	1723.725	1055.725	82.49	79.14	84	77.92	33.25482	9.337843	57.40734	23.56656	33.84078	32.22635	-9999
1724.24	1723.73	1055.73	79.36	42.77	79.79	79.78	53.30596	2.393139	44.3009	12.97066	31.33025	33.25281	-9999
1724.245	1723.735	1055.735	78.52	22.14	78.85	79.83	59.84622	0.454689	39.69909	19.75479	19.9443	34.4954	-9999
1724.25	1723.74	1055.74	76.27	20.6	76.36	74.8	64.1489	0	35.8511	19.37238	16.47872	34.49198	-9999
1724.255	1723.745	1055.745	75.39	16.8	75.28	75.15	67.4281	0	32.5719	24.34005	8.231847	33.72865	-9999
1724.26	1723.75	1055.75	74.3	11.97	74.01	73.35	70.99476	0	29.00524	14.73971	14.26553	33.43115	-9999
1724.265	1723.755	1055.755	76.02	37.04	75.58	74.08	64.50792	0	35.49208	24.29541	11.19667	34.14643	-9999
1724.27	1723.76	1055.76	78.32	66.96	75.02	73.33	77.31628	0	22.68372	22.68372	0	32.23341	-9999
1724.275	1723.765	1055.765	78.96	88.17	76.42	76.78	65.70466	0	34.29534	13.91062	20.38472	32.58909	-9999
1724.28	1723.77	1055.77	77.96	31.27	78.16	78.02	59.15946	0.580661	40.25988	20.59667	19.66321	34.37437	-9999
1724.285	1723.775	1055.775	82.85	58.39	80.49	80.04	67.93762	0	32.06238	21.88965	10.17273	32.23982	-9999
1724.29	1723.78	1055.78	79.34	45.85	77.26	76.06	72.0315	0	27.9685	23.60182	4.366679	32.73486	-9999
1724.295	1723.785	1055.785	76.87	13.99	76.55	76.53	68.37402	0	31.62598	22.99254	8.63344	33.73391	-9999
1724.3	1723.79	1055.79	77.75	40.42	76.26	73.44	70.23586	0	29.76414	11.85365	17.91049	33.54156	-9999
1724.305	1723.795	1055.795	77.25	25.97	75.88	75.84	73.26276	0	26.73724	18.18994	8.547302	32.96919	-9999
1724.31	1723.8	1055.8	81.72	51.21	79.65	76.66	68.46728	0	31.53272	10.69867	20.83405	33.08277	-9999
1724.315	1723.805	1055.805	77.48	26.06	76.98	76.63	66.28688	0	33.71312	10.12786	23.58526	33.90825	-9999
1724.32	1723.81	1055.81	76.99	28.34	76.39	76.55	66.96092	0	33.03908	22.09745	10.94163	33.65233	-9999
1724.325	1723.815	1055.815	77.21	16.7	76.28	76.41	72.1329	0	27.8671	20.04899	7.818113	33.20323	-9999
1724.33	1723.82	1055.82	75.14	15.92	75.52	76.24	64.07356	0	35.92644	21.47628	14.45016	34.01864	-9999
1724.335	1723.825	1055.825	78.38	18.08	78.27	79.22	64.36754	0	35.63246	18.29673	17.33573	34.24365	-9999
1724.34	1723.83	1055.83	75.68	19.86	76.05	76.02	62.70078	0	37.29922	7.09907	30.20015	34.39119	-9999

1724.345	1723.835	1055.835	74.72	17.54	74.75	75.55	66.78042	0	33.21958	18.64107	14.57851	33.56596	-9999
1724.35	1723.84	1055.84	77.54	24.3	76.99	76.92	67.0451	0	32.9549	23.35383	9.601073	33.77378	-9999
1724.355	1723.845	1055.845	77.42	22.51	76.45	75.04	70.84368	0	29.15632	19.37722	9.779103	33.53141	-9999
1724.36	1723.85	1055.85	76.93	11.83	76.85	75.89	66.98154	0	33.01846	5.925336	27.09312	34.15462	-9999
1724.365	1723.855	1055.855	74.8	14.33	74.53	73.21	69.80864	0	30.19136	21.84588	8.345476	33.66843	-9999
1724.37	1723.86	1055.86	73.43	25.58	73.66	73.68	64.47154	0	35.52846	24.92963	10.59883	33.77678	-9999
1724.375	1723.865	1055.865	74.62	18.26	75.14	75.61	62.90068	0	37.09932	10.11397	26.98535	34.13823	-9999
1724.38	1723.87	1055.87	76.73	13.67	76.69	76.39	66.41026	0	33.58974	20.76979	12.81995	34.06767	-9999
1724.385	1723.875	1055.875	74.78	16.98	74.85	76.04	66.55074	0	33.44926	20.36001	13.08925	33.53407	-9999
1724.39	1723.88	1055.88	75.43	31.68	75.92	74.68	59.14034	0.427906	40.43175	15.16151	25.27024	34.44075	-9999
1724.395	1723.885	1055.885	77.79	26.91	78.13	78.04	59.28598	0.550014	40.16401	18.10904	22.05496	34.46318	-9999
1724.4	1723.89	1055.89	80.23	36.08	80.63	79.35	54.35704	2.197642	43.44532	21.58359	21.86172	33.80018	-9999
1724.405	1723.895	1055.895	82.91	76.78	83.28	76.48	42.27454	5.969295	51.75616	35.00919	16.74697	32.84376	-9999
1724.41	1723.9	1055.9	80.93	75.71	79.61	76.61	57.45258	0.734887	41.81253	15.16813	26.6444	33.94281	-9999
1724.415	1723.905	1055.905	86.28	111.73	86.45	77.92	32.26624	9.245587	58.48817	39.83253	18.65564	32.28462	-9999
1724.42	1723.91	1055.91	78.24	61.49	77.89	81	55.85112	1.454191	42.69469	17.07342	25.62127	32.64462	-9999
1724.425	1723.915	1055.915	78.09	25.51	78.96	79.67	55.24128	1.801626	42.95709	19.13387	23.82323	33.67701	-9999
1724.43	1723.92	1055.92	81.03	22.15	81.06	81.28	59.8596	0.587341	39.55306	21.24496	18.3081	34.75542	-9999
1724.435	1723.925	1055.925	80.71	42.28	81.1	81.93	52.49254	2.778205	44.72925	17.4977	27.23156	33.04619	-9999
1724.44	1723.93	1055.93	81.41	57.04	81.18	79.57	53.08162	2.38277	44.53561	16.09732	28.43829	33.35726	-9999
1724.445	1723.935	1055.935	79.37	53.14	79.67	81.32	51.79472	2.775368	45.42991	23.32465	22.10526	32.5452	-9999
1724.45	1723.94	1055.94	83.29	86.37	82.33	76.91	49.91166	2.912962	47.17538	15.53324	31.64214	33.23996	-9999
1724.455	1723.945	1055.945	82.89	55.73	82.66	79.55	52.03704	2.796091	45.16687	20.2268	24.94007	33.58207	-9999
1724.46	1723.95	1055.95	84.8	87.27	83.53	77.76	50.70716	2.438275	46.85457	15.88106	30.9735	33.49973	-9999
1724.465	1723.955	1055.955	79.9	24.04	79.66	78.76	62.53432	0	37.46568	10.50015	26.96553	34.92508	-9999
1724.47	1723.96	1055.96	74.77	31.55	74.81	74.22	63.2665	0	36.7335	14.36862	22.36488	34.13792	-9999
1724.475	1723.965	1055.965	72.81	7.59	72.54	72.29	73.27052	0	26.72948	4.864381	21.8651	33.13753	-9999
1724.48	1723.97	1055.97	75.91	26.93	75.06	74	70.23324	0	29.76676	4.873879	24.89288	33.47493	-9999
1724.485	1723.975	1055.975	75.02	15.28	75	75.41	67.43884	0	32.56116	16.49398	16.06718	33.61213	-9999
1724.49	1723.98	1055.98	75.77	12.49	75.87	76.87	66.49402	0	33.50598	19.81097	13.69501	33.73908	-9999
1724.495	1723.985	1055.985	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1725.07	1724.56	1056.56	93.87	12.21	93.9	94	50.45228	6.301354	43.24637	23.03656	20.2098	33.63517	5
1725.075	1724.565	1056.565	93.59	19.83	93.31	92.77	51.26834	5.105178	43.62648	25.9839	17.64258	33.8529	5
1725.08	1724.57	1056.57	93.38	24.54	93.47	94.43	47.45422	7.101884	45.4439	14.64626	30.79764	32.89747	5
1725.085	1724.575	1056.575	92.07	40.73	91.22	89.63	52.02644	3.115535	44.85803	22.22513	22.6329	33.96802	5
1725.09	1724.58	1056.58	93.2	30.14	92.9	92.33	49.28712	5.478298	45.23458	26.68417	18.55042	33.43837	5
1725.095	1724.585	1056.585	92.88	56.29	92.27	90.06	45.65572	5.615799	48.72848	21.90187	26.82661	33.00271	5
1725.1	1724.59	1056.59	95.04	55.42	93.84	93.94	48.45156	3.678839	47.8696	23.13085	24.73875	33.12746	5
1725.105	1724.595	1056.595	96.61	47.32	95.85	94.98	45.55736	6.189422	48.25322	23.91615	24.33707	32.95737	5
1725.11	1724.6	1056.6	98.43	52.09	97.63	97.92	43.03862	7.316632	49.64475	22.94726	26.69748	32.43497	5
1725.115	1724.605	1056.605	97.28	59.98	96.18	95.39	44.51224	5.488763	49.999	23.23778	26.76122	32.79226	5
1725.12	1724.61	1056.61	95.81	36.04	95.6	94.94	44.76062	7.962712	47.27667	33.07236	14.20431	32.7932	5
1725.125	1724.615	1056.615	96.75	53.07	95.76	96.33	45.81956	5.379985	48.80046	16.82757	31.97289	32.72717	5
1725.13	1724.62	1056.62	96.85	64.68	95.93	100.31	42.37544	6.60114	51.02342	22.71536	28.30806	31.49635	5
1725.135	1724.625	1056.625	96.98	53.58	96.03	95.22	45.17454	5.750939	49.07452	18.60881	30.46571	32.89208	5
1725.14	1724.63	1056.63	98.78	45.25	98.19	98.21	42.7444	8.363197	48.8924	33.17207	15.72033	32.44707	5
1725.145	1724.635	1056.635	98.62	45.69	98.25	96.09	41.08012	9.652442	49.26744	21.82622	27.44121	32.59955	5
1725.15	1724.64	1056.64	96.61	68.93	97.61	99.72	26.68774	17.83239	55.47987	36.07757	19.4023	30.53604	5
1725.155	1724.645	1056.645	98.36	89.42	98.76	98.68	24.76916	17.25239	57.97845	31.93497	26.04348	30.86606	5
1725.16	1724.65	1056.65	96.58	75.52	94.71	90.67	47.36306	2.108225	50.52872	28.32115	22.20757	33.74521	5
1725.165	1724.655	1056.655	90.54	71.64	88.85	86.57	52.46382	1.239259	46.29692	23.54145	22.75547	33.76811	5
1725.17	1724.66	1056.66	89.27	80.62	87.29	87.08	53.70656	0.520474	45.77297	30.23162	15.54134	33.38286	5
1725.175	1724.665	1056.665	85.36	43.74	85.28	87.16	51.50372	3.399076	45.0972	14.13758	30.95962	32.87766	5
1725.18	1724.67	1056.67	84.19	57.2	84.79	86.95	44.0528	5.956553	49.99065	26.34221	23.64844	31.67942	5
1725.185	1724.675	1056.675	83.32	84.28	82.34	81.1	50.54484	2.723147	46.73201	18.58386	28.14815	32.58074	5
1725.19	1724.68	1056.68	83.74	32.03	82.55	80.64	64.43044	0	35.56956	20.4744	15.09516	34.29494	4
1725.195	1724.685	1056.685	83.83	31.47	82.92	81.74	62.31316	0	37.68684	13.32841	24.35843	34.80118	4
1725.2	1724.69	1056.69	83.03	41.65	82	80.86	61.5156	0	38.4844	19.0927	19.3917	34.60396	4
1725.205	1724.695	1056.695	80.63	44.44	79.62	76.45	62.89342	0	37.10658	24.93987	12.16671	34.62474	4
1725.21	1724.7	1056.7	79.3	51.97	78.46	75.11	60.97726	0	39.02274	8.520228	30.50251	34.90534	4
1725.215	1724.705	1056.705	79.12	56.25	77.61	74.09	65.2996	0	34.7004	15.22037	19.48003	33.97715	4
1725.22	1724.71	1056.71	75.99	58.9	74.21	72.8	69.6304	0	30.3696	21.01168	9.357917	33.24586	4
1725.225	1724.715	1056.715	75.98	45.56	75.14	73.16	65.58288	0	34.41712	13.98398	20.43314	33.95857	4
1725.23	1724.72	1056.72	74.94	31.43	74.82	72.84	64.37914	0	35.62086	13.27038	22.35048	34.24649	4
1725.235	1724.725	1056.725	75.36	22.62	75.19	74.61	66.51226	0	33.48774	20.42905	13.05869	33.84197	4
1725.24	1724.73	1056.73	75.34	20.97	74.87	73.8	69.25496	0	30.74504	17.91048	12.83456	33.62853	4
1725.245	1724.735	1056.735	75.45	24.53	74.75	72.8	70.07474	0	29.92526	17.41759	12.50767	33.67057	4
1725.25	1724.74	1056.74	77.66	28.87	77.11	76.45	65.82876	0	34.17124	13.50709	20.66415	33.98201	4
1725.255	1724.745	1056.745	77.79	22.91	77.18	76.78	67.61648	0	32.38352	11.89626	20.48726	33.7738	4
1725.26	1724.75	1056.75	78.36	22.47	78.18	77.29	63.86606	0	36.13394	24.59096	11.54298	34.56248	4
1725.265	1724.755	1056.755	79.99	34.25	79.43	77.82	62.4607	0	37.5393	24.31953	13.21977	34.75416	4
1725.27	1724.76	1056.76	78.53	42.76	78	75.5	61.51198	0	38.48802	12.00818	26.47984	34.85315	4
1725.275	1724.765	1056.765	76.96	39.82	76.18	76.94	65.60536	0	34.39464	12.79151	21.60313	33.53916	4

1725.28	1724.77	1056.77	76.83	35.95	75.98	75.06	67.204	0	32.796	23.99765	8.798353	33.6805	4
1725.285	1724.775	1056.775	76.16	24.51	75.44	74.83	69.58138	0	30.41862	21.32106	9.097564	33.4889	4
1725.29	1724.78	1056.78	75.02	11.24	75.14	74.76	67.33152	0	32.66848	8.524758	24.14372	33.81382	4
1725.295	1724.785	1056.785	75.67	20.29	75.55	75.65	66.40342	0	33.59658	21.62051	11.97607	33.7864	4
1725.3	1724.79	1056.79	76.77	23.33	76.13	74.89	68.68574	0	31.31426	12.83305	18.48121	33.74384	4
1725.305	1724.795	1056.795	75.43	31.19	73.88	72.88	75.06892	0	24.93108	18.54268	6.388399	33.05819	4
1725.31	1724.8	1056.8	72.9	25.47	72.16	71.47	72.50326	0	27.49674	7.610783	19.88596	33.1992	4
1725.315	1724.805	1056.805	71.48	18.09	71.46	71	70.01562	0	29.98438	18.23773	11.74665	33.20394	4
1725.32	1724.81	1056.81	73.19	31.35	72.24	71.65	72.441	0	27.559	12.51548	15.04352	33.17389	4
1725.325	1724.815	1056.815	73.79	44.17	73.06	73.12	67.08156	0	32.91844	21.3501	11.56834	33.38999	4
1725.33	1724.82	1056.82	70.58	25.14	70.67	70.39	68.28502	0	31.71498	20.76605	10.94893	33.18674	4
1725.335	1724.825	1056.825	70.86	17.49	71.17	71.18	68.17372	0	31.82628	14.47675	17.34953	33.15751	4
1725.34	1724.83	1056.83	71.78	44.1	71.8	70.06	63.1352	0	36.8648	19.66481	17.19999	33.99447	4
1725.345	1724.835	1056.835	74	60.34	73.17	68.5	63.75022	0	36.24978	18.48984	17.75994	34.5349	4
1725.35	1724.84	1056.84	73.37	41.63	72.57	70.35	68.62514	0	31.37486	7.228748	24.14611	33.68099	4
1725.355	1724.845	1056.845	70.44	19.77	70.87	72.12	67.07836	0	32.92164	22.31543	10.60621	32.94949	4
1725.36	1724.85	1056.85	70.68	23.46	70.5	70.5	70.69208	0	29.30792	24.35988	4.948042	33.02972	4
1725.365	1724.855	1056.855	70.02	33.53	69.51	69.29	71.41984	0	28.58016	11.39011	17.19005	33.05224	4
1725.37	1724.86	1056.86	67.72	9.24	67.57	67.39	76.62402	0	23.37598	4.078993	19.29699	32.74059	1
1725.375	1724.865	1056.865	70.92	9.34	70.76	70.7	73.73332	0	26.26668	10.75167	15.51501	32.94069	1
1725.38	1724.87	1056.87	73.55	18.9	73.07	74.27	71.4802	0	28.5198	16.07526	12.44454	32.95325	1
1725.385	1724.875	1056.875	71.01	16.05	70.62	70.39	73.8092	0	26.1908	20.0414	6.149403	32.99247	1
1725.39	1724.88	1056.88	72.58	7.66	72.59	72.83	71.29518	0	28.70482	5.970164	22.73466	33.12273	1
1725.395	1724.885	1056.885	78.17	41.74	78.7	79.09	53.87502	2.124273	44.00071	27.74434	16.25637	33.21852	1
1725.4	1724.89	1056.89	74.9	24.67	74.68	73.53	66.82686	0	33.17314	13.32126	19.85188	33.84809	1
1725.405	1724.895	1056.895	74.81	10.88	75.17	75.37	65.75184	0	34.24816	22.30547	11.94269	33.88854	1
1725.41	1724.9	1056.9	78.86	13.66	79.37	80.65	60.19058	0.436766	39.37265	25.98858	13.38407	34.66917	1
1725.415	1724.905	1056.905	83.9	57.03	83.35	83.08	53.27324	2.292403	44.43436	26.59033	17.84403	33.26682	1
1725.42	1724.91	1056.91	82.64	42.76	83.01	83.48	50.75578	3.555123	45.6891	31.40588	14.28322	32.93275	1
1725.425	1724.915	1056.915	81.48	65.67	81.18	81.08	51.47126	2.801788	45.72695	23.50458	22.22238	32.69715	1
1725.43	1724.92	1056.92	78.32	36.9	77.82	74.08	62.8908	0	37.1092	11.9402	25.169	34.93056	1
1725.435	1724.925	1056.925	79.52	19.33	80.05	79.57	58.05624	1.121835	40.82193	24.44388	16.37805	34.52585	1
1725.44	1724.93	1056.93	81.7	31.79	82.27	80.47	52.72532	2.975294	44.29939	27.32714	16.97224	33.77407	1
1725.445	1724.935	1056.935	81.5	34.87	81.72	81.49	54.87646	2.131036	42.9925	29.62997	13.36254	33.75439	1
1725.45	1724.94	1056.94	83.04	41.08	82.9	82.41	54.74684	2.120325	43.13284	16.18681	26.94603	33.74975	1
1725.455	1724.945	1056.945	85.58	46.54	84.91	83.88	55.19622	1.763348	43.04043	29.44035	13.60008	33.97612	1
1725.46	1724.95	1056.95	80	21.53	80.05	79.55	60.80224	0.239709	38.95805	16.16357	22.79448	35.023	1
1725.465	1724.955	1056.955	79.13	23.28	79	78.24	62.57414	0	37.42586	9.665093	27.76077	34.84655	1
1725.47	1724.96	1056.96	78.06	33.75	77.35	76.31	65.5198	0	34.4802	12.83093	21.64927	34.00982	1
1725.475	1724.965	1056.965	83.54	67.41	82.86	81.88	52.09998	2.501024	45.399	28.19759	17.20141	33.03535	1
1725.48	1724.97	1056.97	82.65	74.16	82.6	83.45	46.40278	4.467618	49.1296	22.2561	26.8735	31.83058	1
1725.485	1724.975	1056.975	80.91	45.75	80.65	77.7	56.5063	1.381682	42.11202	20.25488	21.85714	34.30526	1
1725.49	1724.98	1056.98	78.24	46.25	78.44	76.09	55.2767	1.683027	43.04027	15.20696	27.83331	33.84971	1
1725.495	1724.985	1056.985	73.9	20.01	74	74.77	66.39458	0	33.60542	9.316448	24.28897	33.49971	1
1725.5	1724.99	1056.99	71.55	12.05	71.8	72.15	69.3204	0	30.6796	24.39454	6.285064	33.10316	1
1725.505	1724.995	1056.995	69.34	14.04	69.23	69.5	73.66202	0	26.33798	6.416644	19.92134	32.77322	1
1725.51	1725	1057	69.46	18.59	69.21	69.51	73.53552	0	26.46448	18.27053	8.19395	32.80685	1
1725.515	1725.005	1057.005	72.43	20.3	72.41	72.45	68.6068	0	31.3932	21.83547	9.557725	33.28264	1
1725.52	1725.01	1057.01	80.42	61.06	80.45	75.23	51.00458	3.000719	45.9947	23.32323	22.67147	33.60644	1
1725.525	1725.015	1057.015	79.06	36.86	78.44	76.48	63.14968	0	36.85032	6.523019	30.3273	34.57092	1
1725.53	1725.02	1057.02	76.72	59.38	76.62	73.57	55.82264	1.44943	42.72793	28.14705	14.58088	33.72276	1
1725.535	1725.025	1057.025	70.81	23.78	70.38	68	72.43254	0	27.56746	18.52612	9.041341	33.42594	1
1725.54	1725.03	1057.03	74.16	19.2	73.64	73.28	71.1564	0	28.8436	18.03145	10.81215	33.28801	1
1725.545	1725.035	1057.035	76.21	32.43	75.47	74.24	67.77374	0	32.22626	9.570715	22.65555	33.7077	1
1725.55	1725.04	1057.04	75.91	22.86	75.25	75.11	69.74568	0	30.25432	19.48645	10.76787	33.39847	1
1725.555	1725.045	1057.045	78.64	38.91	77.43	75.92	67.61248	0	32.38752	17.21666	15.17086	33.62891	1
1725.56	1725.05	1057.05	76.87	35.98	76.69	75.27	61.96744	0	38.03256	7.733154	30.29941	34.61452	1
1725.565	1725.055	1057.055	74.87	28.31	74.83	74.33	64.57858	0	35.42142	15.36223	20.05919	33.97237	1
1725.57	1725.06	1057.06	73.74	23.26	73.9	73.82	65.29028	0	34.70972	8.901407	25.80831	33.73964	1
1725.575	1725.065	1057.065	76.93	26.07	77.47	77.2	58.73046	0.64936	40.62018	15.88539	24.73479	34.36396	1
1725.58	1725.07	1057.07	75.13	36.09	74.98	74.78	63.30912	0	36.69088	20.31839	16.37249	34.02914	1
1725.585	1725.075	1057.075	75.24	40.97	74.17	73.04	69.15696	0	30.84304	19.92441	10.91863	33.43906	1
1725.59	1725.08	1057.08	80.59	37.51	81.16	79.55	52.36228	2.884709	44.75301	27.42314	17.32987	33.54664	1
1725.595	1725.085	1057.085	79.43	35.22	79.91	80.24	54.68116	2.034416	43.28442	23.91925	19.36518	33.52388	1
1725.6	1725.09	1057.09	81.38	46.93	81.51	82.31	52.76584	2.654781	44.57938	22.12825	22.45113	33.02962	1
1725.605	1725.095	1057.095	81.93	61.37	81.21	79.39	55.35286	1.526455	43.12069	19.14605	23.97463	33.69011	1
1725.61	1725.1	1057.1	79.27	42.9	78.69	76.65	61.1848	0	38.8152	20.76706	18.04814	34.85435	1
1725.615	1725.105	1057.105	85.43	35.65	84.82	83.63	57.5046	1.169848	41.32555	20.32259	21.00296	34.57033	1
1725.62	1725.11	1057.11	89.21	36.51	89.11	88.33	49.86638	4.624993	45.50863	22.60751	22.90111	33.36579	1
1725.625	1725.115	1057.115	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1725.63	1725.12	1057.12	79.66	9.21	79.92	79.85	62.46898	0	37.53102	14.41347	23.11755	35.22961	1
1725.635	1725.125	1057.125	78.98	11.81	79.07	79.06	63.78288	0	36.21712	11.86592	24.3512	34.75717	1
1725.64	1725.13	1057.13	76.98	16.06	76.85	76.78	66.29938	0	33.70062	5.476532	28.22409	34.00807	1

1725.645	1725.135	1057.135	78.58	28.13	78.84	78.71	58.88394	0.714097	40.40196	14.48495	25.91702	34.40162	1
1725.65	1725.14	1057.14	78.88	31.04	79.1	77.27	58.21372	0.917596	40.86868	14.21811	26.65058	34.55591	1
1725.655	1725.145	1057.145	84.09	85.53	84.84	81.09	36.12644	8.295515	55.57804	37.65404	17.92401	31.80685	1
1725.66	1725.15	1057.15	79.62	55.48	80.7	80.27	44.95344	5.009121	50.03744	30.93787	19.09957	32.12687	1
1725.665	1725.155	1057.155	82.36	67.95	83.39	85.98	39.8024	7.062461	53.13514	30.03182	23.10332	31.04827	1
1725.67	1725.16	1057.16	83.25	40.69	83.98	83.13	47.90552	4.774846	47.31963	31.3927	15.92693	32.86409	1
1725.675	1725.165	1057.165	84.53	70.4	84.08	78.31	48.6831	3.707609	47.60929	33.91152	13.69777	33.46733	1
1725.68	1725.17	1057.17	84.93	39.93	85.45	80.84	48.17134	4.907548	46.92111	18.84215	28.07897	33.65174	1
1725.685	1725.175	1057.175	84.15	14.92	84	83.55	60.13386	0.743218	39.12292	12.57612	26.5468	35.19056	1
1725.69	1725.18	1057.18	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1726.02	1725.51	1057.51	82.26	40.2	81.16	79.91	63.1174	0	36.8826	8.687011	28.19559	34.27963	1
1726.025	1725.515	1057.515	82.04	23.08	81.47	80.33	63.35534	0	36.64466	14.18773	22.45693	34.87922	1
1726.03	1725.52	1057.52	81.76	19.77	81.3	79.48	63.56146	0	36.43854	6.297618	30.14092	35.07534	1
1726.035	1725.525	1057.525	85.24	33.57	84.84	84.53	56.55526	1.632354	41.81239	22.36603	19.44635	34.24881	1
1726.04	1725.53	1057.53	85.81	19.91	85.94	87.2	55.22908	2.687314	42.08361	18.17425	23.90936	33.93981	1
1726.045	1725.535	1057.535	87.13	38.93	87.08	87.35	50.80684	3.963039	45.23012	29.67195	15.55817	33.20206	1
1726.05	1725.54	1057.54	87.43	69.78	87.27	90.69	43.91764	5.7889	50.29346	33.77041	16.52305	31.37158	1
1726.055	1725.545	1057.545	87.2	73.48	87.2	91.94	41.99384	6.50727	51.49889	19.02941	32.46948	30.88561	1
1726.06	1725.55	1057.55	84	67.62	84.11	85.04	45.50346	5.037709	49.45883	24.81316	24.64567	31.88103	1
1726.065	1725.555	1057.555	84.71	34.06	84.48	83.96	55.60678	2.003518	42.3897	13.33925	29.05045	34.08496	1
1726.07	1725.56	1057.56	84.26	38.48	83.76	83.91	57.04364	1.308331	41.64803	22.52123	19.1268	34.12585	1
1726.075	1725.565	1057.565	85.46	37.07	84.89	84.84	56.82336	1.403731	41.77291	23.03889	18.73402	34.21028	1
1726.08	1725.57	1057.57	84.31	41.1	84.36	84.49	52.1011	3.192699	44.7062	13.21798	31.48822	33.27497	1
1726.085	1725.575	1057.575	82.13	40.42	81.86	80.24	56.75126	1.390255	41.85849	25.09702	16.76147	34.25411	1
1726.09	1725.58	1057.58	80.16	49.71	79.18	75.94	61.81798	0	38.18202	15.55772	22.6243	34.7337	1
1726.095	1725.585	1057.585	80.28	45.58	79.05	75.41	64.64454	0	35.35546	25.31462	10.04084	34.30228	1
1726.1	1725.59	1057.59	79.3	47.69	79.15	76.82	56.66552	1.289327	42.04515	29.89696	12.14819	34.08941	1
1726.105	1725.595	1057.595	76.4	42.65	75.65	73.27	65.2032	0	34.7968	16.36615	18.43065	34.12142	1
1726.11	1725.6	1057.6	76.97	38.71	76.31	72.21	64.93478	0	35.06522	21.36143	13.70379	34.55187	1
1726.115	1725.605	1057.605	81.67	70.03	80.87	77.55	54.11634	1.831649	44.05201	19.88843	24.16359	33.60052	1
1726.12	1725.61	1057.61	85.91	57.18	85.37	83.52	51.31024	3.016464	45.6733	26.71562	18.95767	33.36619	1
1726.125	1725.615	1057.615	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1726.13	1725.62	1057.62	74.97	28.69	74.96	73.71	64.16212	0	35.83788	18.79082	17.04706	34.16891	1
1726.135	1725.625	1057.625	76.15	17.84	76	75.44	66.78722	0	33.21278	17.23537	15.97741	33.92352	1
1726.14	1725.63	1057.63	74.92	32.49	75.53	75.57	58.48352	0.564002	40.95248	25.50997	15.44251	34.03528	1
1726.145	1725.635	1057.635	79.11	17.04	79.03	79.24	63.71512	0	36.28488	12.22906	24.05582	34.58942	1
1726.15	1725.64	1057.64	72.05	19.41	72.21	70.66	67.77678	0	32.22322	23.01542	9.207804	33.59897	1
1726.155	1725.645	1057.645	74.79	25.74	74.9	74.39	64.11162	0	35.88838	20.19178	15.6966	34.05603	1
1726.16	1725.65	1057.65	79.14	80.77	78.67	74.33	51.28736	2.71748	45.99516	23.67095	22.32421	33.04012	1
1726.165	1725.655	1057.655	79.27	77.34	78.22	75.11	56.49282	1.171084	42.3361	20.06155	22.27454	33.63781	1
1726.17	1725.66	1057.66	82.89	25.79	82.33	82.83	61.84002	0	38.15998	18.07482	20.08516	34.89885	1
1726.175	1725.665	1057.665	69.84	18.8	69.49	69.33	73.9101	0	26.0899	18.02943	8.060471	32.91215	1
1726.18	1725.67	1057.67	68.74	16.16	68.66	68.77	73.46848	0	26.53152	12.39527	14.13625	32.76223	1
1726.185	1725.675	1057.675	70.4	23.04	70.25	69.51	70.81882	0	29.18118	14.88429	14.29689	33.13174	1
1726.19	1725.68	1057.68	71.42	31.67	71.03	68.7	69.65196	0	30.34804	21.09476	9.253276	33.56463	1
1726.195	1725.685	1057.685	69.85	16.23	69.21	67.95	76.77034	0	23.22966	23.22966	0	33.12658	1
1726.2	1725.69	1057.69	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1726.21	1725.7	1057.7	75.84	31.19	76.26	76.2	59.42422	0.379338	40.19644	25.87917	14.31727	34.28705	1
1726.215	1725.705	1057.705	75.22	17.48	75.45	74.68	64.78494	0	35.21506	9.228508	25.98655	34.16038	1
1726.22	1725.71	1057.71	77.36	22.27	77.6	76.92	61.57946	0	38.42054	18.88921	19.53133	34.87713	1
1726.225	1725.715	1057.715	82.03	33.77	82.01	80.65	56.51506	1.596593	41.88835	24.30028	17.58807	34.27122	1
1726.23	1725.72	1057.72	84.62	37.95	84.9	86.13	50.7957	3.84377	45.36053	25.04525	20.31528	32.939	1
1726.235	1725.725	1057.725	82.02	17.92	81.71	81.04	62.60746	0	37.39254	13.92087	23.47167	35.20382	1
1726.24	1725.73	1057.73	81.73	23.15	81.22	79.72	63.1586	0	36.8414	22.55192	14.28948	34.98569	1
1726.245	1725.735	1057.735	82	51.37	82.59	82.63	47.55596	4.487407	47.95663	14.82805	33.12858	32.44488	1
1726.25	1725.74	1057.74	82.18	66.47	81.54	80.8	53.26866	2.154526	44.57681	16.22979	28.34702	33.08919	1
1726.255	1725.745	1057.745	79.91	50.7	78.72	75.66	63.4359	0	36.5641	25.17288	11.39122	34.32537	1
1726.26	1725.75	1057.75	80.01	62.9	78.51	77.29	62.794	0	37.206	20.86233	16.34367	33.78693	1
1726.265	1725.755	1057.755	81.56	43.29	81.93	81.06	51.62112	3.135196	45.24368	27.00011	18.24357	33.23987	1
1726.27	1725.76	1057.76	84.51	40.93	85.08	86.11	47.92824	4.924161	47.1476	26.90043	20.24716	32.54817	1
1726.275	1725.765	1057.765	85.02	47.38	85.25	85.23	48.53314	4.504687	46.96217	27.27649	19.68568	32.74279	1
1726.28	1725.77	1057.77	81.11	25.34	80.71	79.45	62.34652	0	37.65348	24.78913	12.86435	35.04591	1
1726.285	1725.775	1057.775	85.74	31.91	85.07	85.5	58.58948	0.829011	40.58151	25.96089	14.62061	34.54583	1
1726.29	1725.78	1057.78	85.69	27.99	84.88	83.18	60.66912	0.09837	39.23251	19.08704	20.14547	35.41525	1
1726.295	1725.785	1057.785	81.3	19.36	80.95	81.24	63.23138	0	36.76862	16.59294	20.17568	34.76454	1
1726.3	1725.79	1057.79	76.76	22.39	76.78	77.63	63.80742	0	36.19258	14.14297	22.04961	34.10475	1
1726.305	1725.795	1057.795	81.12	28.23	80.95	81.83	59.85544	0.501498	39.64306	23.61593	16.02713	34.51448	1
1726.31	1725.8	1057.8	82	59.21	82.11	82.18	49.37868	3.663688	46.95763	15.95104	31.0066	32.5239	1
1726.315	1725.805	1057.805	80.82	78.89	81.68	80	39.88922	6.559208	53.55157	27.21696	26.33461	31.61275	1
1726.32	1725.81	1057.81	79.01	117.87	77.46	78.24	50.79876	2.73834	46.4629	25.6613	20.8016	31.30298	1
1726.325	1725.815	1057.815	73.97	29.59	73.65	72.39	67.26682	0	32.73318	20.15129	12.58189	33.70495	1
1726.33	1725.82	1057.82	75.77	14.43	75.91	75.07	65.71454	0	34.28546	20.55454	13.73092	34.14467	1
1726.335	1725.825	1057.825	78.35	14.62	78.19	78.71	65.61996	0	34.38004	8.909906	25.47013	34.15106	1

1726.34	1725.83	1057.83	74.3	21.99	74.52	74.16	64.61742	0	35.38258	8.757747	26.62483	33.94407	1
1726.345	1725.835	1057.835	75.46	17.45	75.33	74.92	67.3614	0	32.6386	6.25175	26.38685	33.76779	1
1726.35	1725.84	1057.84	75.61	17.86	75.42	73.92	67.58918	0	32.41082	9.933973	22.47685	33.94655	1
1726.355	1725.845	1057.845	75.53	33.68	75.24	73.51	64.60934	0	35.39066	10.60368	24.78698	34.17409	1
1726.36	1725.85	1057.85	76.3	45.87	75.48	73.5	65.05846	0	34.94154	25.15743	9.784112	34.01968	1
1726.365	1725.855	1057.855	76.54	51.41	75.66	71.86	63.96198	0	36.03802	21.58452	14.4535	34.44122	1
1726.37	1725.86	1057.86	76.72	48.14	75.92	74.57	63.96772	0	36.03228	10.85884	25.17344	34.03765	1
1726.375	1725.865	1057.865	78.08	50.7	76.89	73.77	65.1195	0	34.8805	15.61555	19.26495	34.1084	1
1726.38	1725.87	1057.87	77.63	33.13	77.33	77.33	62.88794	0	37.11206	9.62556	27.4865	34.28215	1
1726.385	1725.875	1057.875	76.55	20.2	76.51	76.57	64.9956	0	35.0044	6.799534	28.20487	34.07133	1
1726.39	1725.88	1057.88	75.37	19.56	74.72	74.61	70.96358	0	29.03642	15.73228	13.30414	33.28953	1
1726.395	1725.885	1057.885	77.1	59.57	76.78	77.21	57.13206	1.094692	41.77325	15.1693	26.60395	33.29731	1
1726.4	1725.89	1057.89	79.4	108.9	79.03	78.25	43.4657	4.923299	51.611	34.68	16.931	31.07659	1
1726.405	1725.895	1057.895	82.67	49.93	82.15	80.43	55.89054	1.512506	42.59695	28.88588	13.71107	33.99275	1
1726.41	1725.9	1057.9	81.49	46.75	81.13	83.43	56.5057	1.368531	42.12577	18.92635	23.19942	33.34203	1
1726.415	1725.905	1057.905	76.98	22.49	77	77.04	63.58082	0	36.41918	16.43027	19.98891	34.31307	1
1726.42	1725.91	1057.91	76.12	23.33	76.52	75.94	61.22374	0	38.77626	15.7668	23.00946	34.7398	1
1726.425	1725.915	1057.915	74.25	17.96	74	72.86	69.28118	0	30.71882	10.14309	20.57573	33.59585	1
1726.43	1725.92	1057.92	80.71	43.12	80.53	83.04	56.70676	1.346992	41.94625	18.51725	23.429	33.35892	1
1726.435	1725.925	1057.925	81.52	38.46	80.89	80.61	60.57678	0.10606	39.31716	11.46555	27.85161	34.71032	1
1726.44	1725.93	1057.93	79.04	37.11	77.71	75.06	68.61008	0	31.38992	12.61017	18.77975	33.69136	1
1726.445	1725.935	1057.935	81.02	38.84	79.82	78.76	65.36232	0	34.63768	21.51838	13.1193	33.82855	1
1726.45	1725.94	1057.94	82.27	48.02	82.05	79.85	54.39576	2.088706	43.51553	15.24619	28.26934	33.84756	1
1726.455	1725.945	1057.945	77.66	73.04	75.78	72.53	65.44712	0	34.55288	18.31897	16.23391	33.73054	1
1726.46	1725.95	1057.95	82.4	70.94	82.5	79.73	46.24952	4.581942	49.16854	18.5337	30.63484	32.51583	1
1726.465	1725.955	1057.955	83.03	68.74	81.92	81.83	55.57982	1.241946	43.17823	25.91897	17.25927	33.34647	1
1726.47	1725.96	1057.96	82.58	42.33	82.27	81.08	56.18504	1.558369	42.25659	24.7718	17.48479	34.06588	1
1726.475	1725.965	1057.965	81.76	36.77	81.96	80.96	54.33246	2.305742	43.3618	18.83146	24.53034	33.78063	1
1726.48	1725.97	1057.97	80.11	34.57	79.96	81.87	59.09536	0.654618	40.25002	17.81458	22.43544	34.01333	1
1726.485	1725.975	1057.975	82.26	63.85	82.1	82.65	50.1091	3.320568	46.57033	15.68482	30.88551	32.46051	1
1726.49	1725.98	1057.98	77.6	27.48	77.35	76	63.89534	0	36.10466	11.13246	24.9722	34.46119	1
1726.495	1725.985	1057.985	80.72	33.7	79.8	79.69	64.7122	0	35.2878	9.976842	25.31096	33.97475	1
1726.5	1725.99	1057.99	82.47	35.8	81.72	81.63	61.2765	0	38.7235	22.2897	16.4338	34.73323	1
1726.505	1725.995	1057.995	84.45	42.26	83.46	80.61	59.75158	0.149619	40.0988	13.94463	26.15417	35.14327	1
1726.51	1726	1058	81.99	38.78	81.11	80.55	62.00444	0	37.99556	24.76833	13.22723	34.50795	1
1726.515	1726.005	1058.005	86.21	78.88	84.41	81.06	55.54784	0.52611	43.92605	23.3786	20.54745	34.02453	1
1726.52	1726.01	1058.01	86.03	45.86	86.53	86.18	45.87928	5.815723	48.305	24.89389	23.41111	32.53353	1
1726.525	1726.015	1058.015	83.37	35.75	83.43	82.26	54.1831	2.474803	43.3421	29.97313	13.36896	33.87515	1
1726.53	1726.02	1058.02	81.86	41.02	81.35	78.67	58.71446	0.694094	40.59145	13.63262	26.95883	34.77258	1
1726.535	1726.025	1058.025	80.93	44.68	80.69	76.23	56.59184	1.367608	42.04055	17.63691	24.40364	34.60944	1
1726.54	1726.03	1058.03	79.79	57.43	78.5	74.5	62.69264	0	37.30736	14.1101	23.19726	34.48062	1
1726.545	1726.035	1058.035	78.82	62.38	77.18	76.18	65.09964	0	34.90036	12.02778	22.87258	33.43195	1
1726.55	1726.04	1058.04	82.43	47.67	81.79	79.66	57.58826	0.956818	41.45492	18.49381	22.96112	34.3857	1
1726.555	1726.045	1058.045	79.38	30.6	78.39	77.21	67.2377	0	32.7623	15.29923	17.46307	33.79097	1
1726.56	1726.05	1058.05	80.2	26	79.55	79.06	64.9615	0	35.0385	23.2784	11.7601	34.23605	1
1726.565	1726.055	1058.055	80.49	41.93	79.73	78.72	61.69214	0	38.30786	21.23929	17.06857	34.58003	1
1726.57	1726.06	1058.06	78.36	42.23	77.98	76.53	60.63414	0.118048	39.24781	27.82811	11.4197	34.67714	1
1726.575	1726.065	1058.065	81.36	78.2	80.7	78.27	51.3394	2.666688	45.99391	23.07451	22.91941	32.87259	1
1726.58	1726.07	1058.07	79.87	50.06	79.03	74.61	60.91508	0	39.08492	10.96872	28.1162	35.15225	1
1726.585	1726.075	1058.075	81.29	81.76	80.71	77.76	49.92228	3.095477	46.98224	18.74288	28.23936	32.71988	1
1726.59	1726.08	1058.08	75.33	71.76	73.6	72.45	66.73798	0	33.26202	10.05547	23.20655	33.42463	1
1726.595	1726.085	1058.085	73.16	36.39	72.4	72.16	69.77642	0	30.22358	11.63373	18.58985	33.23483	1
1726.6	1726.09	1058.09	79.87	66.89	77.59	77.1	68.00222	0	31.99778	8.978355	23.01943	32.60971	1
1726.605	1726.095	1058.095	81	77.69	79.22	75.76	60.47402	0	39.52598	18.76461	20.76137	34.19246	1
1726.61	1726.1	1058.1	79.48	60.35	78.26	77	61.7287	0	38.2713	14.66946	23.60184	34.12294	1
1726.615	1726.105	1058.105	79.71	42.39	79.06	78.24	61.44592	0	38.55408	20.19699	18.35709	34.58384	1
1726.62	1726.11	1058.11	78.47	35.25	78.71	79.82	57.4171	1.110302	41.4726	22.98972	18.48288	33.76807	1
1726.625	1726.115	1058.115	78.22	36.62	77.98	77.67	61.03556	0.018664	38.94578	23.49584	15.44993	34.64394	1
1726.63	1726.12	1058.12	77.35	57.75	76.63	75.76	60.4425	0.180158	39.37734	24.20247	15.17488	34.16221	1
1726.635	1726.125	1058.125	76.67	86.37	74.69	72.82	63.90706	0	36.09294	12.84106	23.25188	33.63837	1
1726.64	1726.13	1058.13	77.41	31.91	77.15	76.2	63.07558	0	36.92442	12.59219	24.33223	34.4315	2
1726.645	1726.135	1058.135	76.82	38.76	76.23	73.61	64.51818	0	35.48182	10.75922	24.7226	34.3355	2
1726.65	1726.14	1058.14	77.57	32.66	77.51	77.41	61.19688	0	38.80312	7.810428	30.99269	34.63652	2
1726.655	1726.145	1058.145	77.98	33.75	77.63	75.67	62.8034	0	37.1966	13.68615	23.51045	34.66485	2
1726.66	1726.15	1058.15	78.78	47.65	77.74	75.41	64.0511	0	35.9489	13.47394	22.47496	34.18857	2
1726.665	1726.155	1058.155	76.63	47.62	76.1	73.82	62.08386	0	37.91614	23.50801	14.40813	34.52659	2
1726.67	1726.16	1058.16	77.17	66.98	76.04	73	61.55194	0	38.44806	23.96786	14.4802	34.44955	2
1726.675	1726.165	1058.165	75.55	69.7	74.53	71.57	61.5316	0.042006	38.42639	9.159631	29.26676	34.37866	2
1726.68	1726.17	1058.17	76.38	55.31	74.41	72.33	71.61288	0	28.38712	20.97968	7.407445	33.17651	2
1726.685	1726.175	1058.175	78.6	67.21	77.5	75.91	59.94818	0.246438	39.80538	23.58341	16.22197	34.09942	2
1726.69	1726.18	1058.18	79.67	56.68	79.74	79.51	52.44454	2.550725	45.00473	20.13721	24.86753	32.90994	2
1726.695	1726.185	1058.185	80.15	42.51	80.13	77.86	56.12958	1.530071	42.34035	11.44972	30.89063	34.12505	2
1726.7	1726.19	1058.19	86.86	46.67	86.9	85.9	48.48466	4.678061	46.83728	22.70418	24.1331	32.99234	2

1726.705	1726.195	1058.195	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1727.01	1726.5	1058.5	103.93	60.02	102.57	107	40.39956	7.187939	52.4125	27.08378	25.32872	31.57875	2
1727.015	1726.505	1058.505	100.9	49.06	99.2	97.5	48.47448	2.638192	48.88733	22.087	26.80033	33.89567	2
1727.02	1726.51	1058.51	98.3	71.08	96.91	94.04	43.13514	5.026897	51.83796	20.6696	31.16837	33.00846	2
1727.025	1726.515	1058.515	99.76	41.65	99.4	96.67	40.9315	10.30035	48.76815	27.5503	21.21785	32.68389	2
1727.03	1726.52	1058.52	102.23	37.04	101.93	101.35	39.30972	12.47467	48.21561	20.6351	27.58051	32.05338	2
1727.035	1726.525	1058.525	101.36	52.63	100.8	97.22	38.35234	10.90639	50.74127	24.0495	26.69178	32.55795	2
1727.04	1726.53	1058.53	99.87	105.2	100.82	105.61	15.2987	23.67487	61.02643	39.98804	21.03839	29.89346	2
1727.045	1726.535	1058.535	97.87	165.65	98.88	108.85	2.0448	25.80263	72.15257	72.15257	0	-9999	2
1727.05	1726.54	1058.54	99.03	211.84	102.48	99.8	0	47.98479	52.01521	52.01521	0	-9999	2
1727.055	1726.545	1058.545	104.11	167.01	107.7	106.15	0	58.40975	41.59025	41.59025	0	-9999	2
1727.06	1726.55	1058.55	101.22	127	102.95	103.98	2.7361	32.90182	64.36208	64.36208	0	-9999	2
1727.065	1726.555	1058.555	96.49	130.98	97.38	86.8	12.63454	21.23492	66.13054	44.14315	21.98739	33.02567	2
1727.07	1726.56	1058.56	101.3	93.22	102.32	100.86	16.33976	25.22216	58.43808	31.96516	26.47292	30.87578	2
1727.075	1726.565	1058.565	101.45	52.07	101.39	103.5	34.53006	14.5438	50.92614	34.25779	16.66836	31.00313	2
1727.08	1726.57	1058.57	98.42	93.52	99.16	100.64	21.08676	19.78898	59.12426	32.30965	26.81461	30.48857	2
1727.085	1726.575	1058.575	93.9	170.8	95.16	77.41	2.5134	23.40618	74.08042	74.08042	0	-9999	2
1727.09	1726.58	1058.58	88.56	132.08	89.13	75.27	22.14394	13.35761	64.49845	47.12158	17.37687	33.15444	2
1727.095	1726.585	1058.585	88.31	154.54	85.14	76.74	45.92362	1.392635	52.68374	31.94751	20.73623	32.69686	2
1727.1	1726.59	1058.59	90.12	165.22	86.58	82.98	44.54136	0.714672	54.74397	15.7508	38.99317	31.74403	2
1727.105	1726.595	1058.595	92.92	190.61	89.88	80.29	31.94598	4.090257	63.96376	30.41452	33.54925	32.05516	2
1727.11	1726.6	1058.6	88.78	216.07	84.22	77.92	41.37346	1.066486	57.56005	34.64616	22.91389	31.04725	2
1727.115	1726.605	1058.605	82.35	115.84	79.96	79.21	54.72722	0.961353	44.31143	21.68469	22.62674	32.44326	2
1727.12	1726.61	1058.61	79.6	19.29	79.15	77.72	65.58732	0	34.41268	6.118493	28.29419	34.45926	2
1727.125	1726.615	1058.615	80.47	19.15	80.23	79.45	63.1933	0	36.8067	18.85263	17.95407	34.92251	2
1727.13	1726.62	1058.62	83.19	32.46	82.75	82.37	59.01988	0.72465	40.25547	17.14628	23.10919	34.61925	2
1727.135	1726.625	1058.625	81.44	35.95	81.09	77.83	59.0878	0.650476	40.26172	14.40786	25.85387	35.0082	2
1727.14	1726.63	1058.63	80.58	37.56	79.92	77.39	61.89188	0	38.10812	22.49303	15.61509	34.94873	2
1727.145	1726.635	1058.635	82.3	39.96	81.98	80.29	57.09368	1.277557	41.62876	12.9938	28.63496	34.33447	2
1727.15	1726.64	1058.64	80.97	50.22	80.54	75.35	56.68686	1.262762	42.05038	12.15522	29.89516	34.65856	2
1727.155	1726.645	1058.645	80.44	57.39	79.22	75.57	61.56182	0	38.43818	16.26655	22.17163	34.6208	2
1727.16	1726.65	1058.65	81.49	72.53	79.95	75.92	59.41194	0.070165	40.5179	24.33983	16.17806	34.5606	2
1727.165	1726.655	1058.655	80.37	46.84	79.24	77.44	63.48182	0	36.51818	10.19729	26.32089	34.16033	2
1727.17	1726.66	1058.66	76.72	38.45	76.7	75.98	60.2677	0.206305	39.52599	22.53373	16.99227	34.4506	2
1727.175	1726.665	1058.665	77.42	32.44	77.13	75.45	63.17062	0	36.82938	16.05543	20.77395	34.53393	2
1727.18	1726.67	1058.67	79.1	54.53	78.24	75	60.69674	0.031947	39.27131	11.5184	27.75291	34.822	2
1727.185	1726.675	1058.675	79.16	74.28	77.33	75.09	63.37954	0	36.62046	10.95477	25.66569	33.67536	2
1727.19	1726.68	1058.68	80.21	35.93	80.21	78.04	57.51174	1.156558	41.3317	11.27174	30.05996	34.4578	2
1727.195	1726.685	1058.685	80.07	37.98	79.83	78.27	59.00444	0.648023	40.34754	21.52853	18.819	34.56663	2
1727.2	1726.69	1058.69	81.35	41.4	81.02	78.68	57.6967	1.043123	41.26018	20.39909	20.86108	34.48409	2
1727.205	1726.695	1058.695	82.69	64.94	81.64	76.92	56.34722	1.070841	42.58194	12.97818	29.60376	34.36461	2
1727.21	1726.7	1058.7	84.05	82.52	83.09	80.39	50.14416	2.849957	47.00588	17.33899	29.6669	32.85686	2
1727.215	1726.705	1058.705	87.43	104.13	87.37	90.37	34.82994	8.468888	56.70117	38.48217	18.219	30.35218	2
1727.22	1726.71	1058.71	89.15	110.77	90.33	91.06	22.03066	14.81534	63.154	34.59165	28.56235	30.67966	2
1727.225	1726.715	1058.715	91.06	166.12	90.71	88.57	18.73626	13.28137	67.98237	42.16055	25.82182	30.89112	2
1727.23	1726.72	1058.72	88.76	150.83	84.99	78.51	51.05744	0	48.94256	17.2868	31.65576	31.93823	2
1727.235	1726.725	1058.725	83.75	58.67	81.59	79.98	65.49186	0	34.50814	9.704019	24.80412	32.7769	2
1727.24	1726.73	1058.73	84.98	29.61	84.54	85.33	58.06278	1.143998	40.79322	15.48103	25.3122	34.36061	2
1727.245	1726.735	1058.735	85.93	17.78	85.8	86.88	57.64914	1.723301	40.62756	11.6823	28.94526	34.44313	2
1727.25	1726.74	1058.74	86.37	25.13	86.14	85.27	56.24064	2.067502	41.69186	27.85453	13.83733	34.45779	2
1727.255	1726.745	1058.745	87.8	25.61	87.59	87.17	54.65388	2.79358	42.55254	16.8716	25.68094	34.14438	2
1727.26	1726.75	1058.75	89.84	27.74	89.41	89.57	53.96662	3.023334	43.01005	31.74889	11.26115	33.98033	2
1727.265	1726.755	1058.755	90.84	22.69	90.94	91.08	50.16122	5.416717	44.42206	23.11662	21.30545	33.41328	2
1727.27	1726.76	1058.76	92.17	21.59	91.67	90.45	53.85382	3.423907	42.72227	17.11935	25.60292	34.37465	2
1727.275	1726.765	1058.765	92.1	27.41	92.12	91.49	48.47978	6.139929	45.38029	16.46869	28.9116	33.28397	2
1727.28	1726.77	1058.77	92.12	44.44	91.49	88.71	49.37762	4.360835	46.26155	31.22221	15.03934	33.69553	2
1727.285	1726.775	1058.775	91.4	69.02	89.13	86.85	56.80166	0	43.19834	11.95409	31.24425	33.16951	2
1727.29	1726.78	1058.78	91.38	77.73	89.36	87.96	52.77474	0.507719	46.71754	18.42598	28.29156	33.64992	2
1727.295	1726.785	1058.785	88.41	32.35	88.63	89.65	49.1291	5.170602	45.7003	30.07603	15.62427	32.92739	2
1727.3	1726.79	1058.79	88.6	33.23	88.41	89.47	51.91884	3.754158	44.327	19.83057	24.49643	33.34739	2
1727.305	1726.795	1058.795	88.78	22.83	88.71	89.3	53.34004	3.601597	43.05836	18.32341	24.73495	33.79693	2
1727.31	1726.8	1058.8	89.27	32.32	89.16	89.59	50.90266	4.333067	44.76427	30.17215	14.59212	33.33574	2
1727.315	1726.805	1058.805	93.61	50.53	92.95	92.73	46.76554	5.352188	47.88227	29.24545	18.63682	32.84794	2
1727.32	1726.81	1058.81	93.3	64.12	91.88	90.91	49.65196	2.600577	47.74746	23.24088	24.50658	33.32685	2
1727.325	1726.815	1058.815	91.87	40.88	90.95	89.63	52.71664	2.738588	44.54477	18.16411	26.38066	34.00921	2
1727.33	1726.82	1058.82	91.65	36.22	91.22	89.95	50.24926	4.46252	45.28822	19.04744	26.24078	33.60245	2
1727.335	1726.825	1058.825	91.52	63.45	91.2	91.04	42.9267	6.716917	50.35638	18.78549	31.5709	32.14701	2
1727.34	1726.83	1058.83	91.01	51.78	91.24	91.38	41.95754	8.051381	49.99108	34.406	15.58508	32.06408	2
1727.345	1726.835	1058.835	90.71	52.97	89.53	86.82	52.87306	2.048872	45.07807	27.8188	17.25927	34.10722	2
1727.35	1726.84	1058.84	90.65	45.05	89.73	87.79	52.8299	2.547881	44.62222	14.78791	29.83431	34.03285	2
1727.355	1726.845	1058.845	91.38	37.65	91.11	90.8	48.9116	5.120741	45.96766	26.35221	19.61545	33.18852	2
1727.36	1726.85	1058.85	91.65	53.37	91.5	86.59	43.92896	6.858461	49.21258	16.93587	32.27671	33.22861	2
1727.365	1726.855	1058.855	90.16	45.25	89.82	89.35	48.7373	4.720552	46.54215	18.34646	28.19568	33.07311	2

1727.37	1726.86	1058.86	89.67	43.67	89.69	89.77	46.78046	5.831421	47.38812	28.11532	19.2728	32.6933	2
1727.375	1726.865	1058.865	92.5	66.4	92.31	92.09	40.3037	8.040984	51.65532	37.04921	14.60611	31.88792	2
1727.38	1726.87	1058.87	94.67	90.77	94.04	94.33	35.81976	8.761082	55.41916	29.72014	25.69902	31.32858	2
1727.385	1726.875	1058.875	93	92.35	91.72	90.67	42.0113	5.040914	52.94779	33.43351	19.51428	32.05907	2
1727.39	1726.88	1058.88	91.58	88.34	89.65	87.2	49.32562	1.621256	49.05312	17.20768	31.84544	33.19437	2
1727.395	1726.885	1058.885	94.45	74.18	93.26	93.43	44.37694	4.763009	50.86005	33.87471	16.98534	32.34362	2
1727.4	1726.89	1058.89	92.5	81.73	90.99	88.86	46.82384	3.151693	50.02447	21.38911	28.63535	32.90979	2
1727.405	1726.895	1058.895	89.73	35.66	89.77	90.22	48.50868	5.405097	46.08622	25.25998	20.82624	32.9475	2
1727.41	1726.9	1058.9	89.92	47.47	89.78	89.2	46.87086	5.568345	47.56079	33.77725	13.78354	32.79809	2
1727.415	1726.905	1058.905	90.96	57.05	89.54	85.82	53.5157	1.430778	45.05352	26.05226	19.00126	34.38342	2
1727.42	1726.91	1058.91	90.92	50.27	89.35	87.96	56.35576	0.359774	43.28447	24.92535	18.35911	34.55479	2
1727.425	1726.915	1058.915	89.59	38.42	88.68	87.74	55.33206	1.751513	42.91643	21.88976	21.02667	34.30766	2
1727.43	1726.92	1058.92	91.1	46.5	90.27	89.41	51.3675	3.192646	45.43985	31.61929	13.82057	33.59412	2
1727.435	1726.925	1058.925	95.21	70.65	94.21	95.16	43.0595	5.78951	51.15099	19.02366	32.12733	32.08975	2
1727.44	1726.93	1058.93	95.52	66.27	94.34	91.86	45.22926	4.706641	50.0641	17.80191	32.26219	33.06191	2
1727.445	1726.935	1058.935	98.2	112.36	97.56	99.39	27.42488	12.21084	60.36428	28.06362	32.30066	30.62691	2
1727.45	1726.94	1058.94	95.13	94.88	94.16	94.22	37.03694	7.541523	55.42154	22.75496	32.66657	31.47793	2
1727.455	1726.945	1058.945	93.19	65.9	92.13	92.98	46.5324	4.326119	49.14148	26.31698	22.8245	32.48992	2
1727.46	1726.95	1058.95	93.96	58.42	93.17	93.09	45.54166	5.428833	49.02951	34.30381	14.7257	32.61269	2
1727.465	1726.955	1058.955	96.99	70.12	96.02	95.72	41.31766	6.760743	51.9216	31.46099	20.4606	32.19661	2
1727.47	1726.96	1058.96	95.18	51.08	94.88	94.62	42.39804	8.082667	49.51929	25.35228	24.16701	32.30388	2
1727.475	1726.965	1058.965	95.01	66.74	94.62	96.27	39.46222	8.563229	51.97455	34.26908	17.70547	31.53715	2
1727.48	1726.97	1058.97	94.77	62.7	94.61	95.44	38.8782	9.336499	51.7853	36.91277	14.87254	31.63482	2
1727.485	1726.975	1058.975	96.53	85.02	95.23	94.25	40.69256	5.752793	53.55465	30.79376	22.76089	32.17821	2
1727.49	1726.98	1058.98	94.46	62.58	93.45	89.67	45.77994	4.863666	49.35639	27.44526	21.91113	33.33404	2
1727.495	1726.985	1058.985	93.27	43.53	93.41	96.31	42.57234	8.55465	48.87301	19.57464	29.29837	31.72866	2
1727.5	1726.99	1058.99	93.62	53.68	93.08	97	45.06404	6.146416	48.78954	19.29026	29.49929	31.81862	2
1727.505	1726.995	1058.995	95.78	84.81	95.2	94.24	35.85338	9.233258	54.91336	22.22781	32.68555	31.63215	2
1727.51	1727	1059	96.06	99.55	95.2	92.35	34.1987	8.87949	56.92181	40.02071	16.9011	31.81379	2
1727.515	1727.005	1059.005	94.44	114.75	92.16	88.41	43.0157	2.34109	54.64321	33.23161	21.4116	32.63194	2
1727.52	1727.01	1059.01	92.75	82.59	92.43	93.49	37.16322	8.670704	54.16608	32.90179	21.26429	31.26168	2
1727.525	1727.015	1059.015	89.28	55.48	87.55	84.61	57.84374	0	42.15626	17.84291	24.31335	34.57416	2
1727.53	1727.02	1059.02	85.93	35.72	85.24	84.65	57.64766	1.084735	41.26761	19.35845	21.90916	34.49768	2
1727.535	1727.025	1059.025	82.52	34.21	82.12	80.24	58.90278	0.738865	40.35836	18.56741	21.79095	34.80458	2
1727.54	1727.03	1059.03	80.6	55.93	79.52	76.94	60.68294	0	39.31706	19.09062	20.22644	34.66493	2
1727.545	1727.035	1059.035	82	48.39	80.85	79.35	61.76212	0	38.23788	22.85006	15.38782	34.37199	2
1727.55	1727.04	1059.04	81.35	53.96	80.33	78.33	60.00468	0.102301	39.89302	22.00594	17.88708	34.6204	2
1727.555	1727.045	1059.045	84.4	52.28	82.47	79.94	64.65774	0	35.34226	11.6081	23.73416	33.30219	2
1727.56	1727.05	1059.05	85.71	56.58	84.06	81.82	60.24194	0	39.75806	10.80213	28.95593	34.1598	2
1727.565	1727.055	1059.055	88.02	55.66	87.37	84.89	50.58938	3.310584	46.10004	21.26426	24.83578	33.498	2
1727.57	1727.06	1059.06	85.66	69.93	85.08	82.35	48.76474	3.658827	47.57643	19.63198	27.94446	32.96882	2
1727.575	1727.065	1059.065	85.22	84.42	84.8	84.12	44.42296	4.993618	50.58342	34.19327	16.39015	31.86333	2
1727.58	1727.07	1059.07	83.54	69.57	83.39	82.22	47.46976	4.199704	48.33054	15.5928	32.73774	32.41858	2
1727.585	1727.075	1059.075	82.08	96.17	82	81.65	41.83326	5.660482	52.50626	27.72917	24.77709	31.23935	2
1727.59	1727.08	1059.08	81.34	69	83.14	84.06	34.5192	8.827251	56.65355	31.06287	25.59067	31.07684	2
1727.595	1727.085	1059.085	83.55	62.34	84.48	84.83	40.84022	7.011704	52.14808	21.51637	30.6317	31.62959	2
1727.6	1727.09	1059.09	82.53	62.81	82.1	80.82	52.20488	2.589013	45.20611	19.75018	25.45593	33.10467	2
1727.605	1727.095	1059.095	80.96	46.1	80.39	78.29	58.7781	0.622714	40.59919	28.24453	12.35466	34.52519	2
1727.61	1727.1	1059.1	81.59	39.63	80.56	79.61	63.32924	0	36.67076	18.62592	18.04484	34.21262	2
1727.615	1727.105	1059.105	83.11	54.61	81.47	79.76	63.03318	0	36.96682	20.36245	16.60437	33.71645	2
1727.62	1727.11	1059.11	82.76	35.81	82.04	82.06	60.77478	0.029291	39.19593	18.04319	21.15274	34.80547	2
1727.625	1727.115	1059.115	82.82	30.8	82.32	80.83	60.227	0.323728	39.44927	14.17935	25.26992	35.06183	2
1727.63	1727.12	1059.12	83.41	24.58	83.37	83.49	57.62444	1.439626	40.93593	16.48499	24.45094	34.39797	2
1727.635	1727.125	1059.125	85.46	32.57	85.36	85.45	54.26986	2.621882	43.10826	24.13269	18.97557	33.78686	2
1727.64	1727.13	1059.13	89.48	76.54	89.18	90.72	41.48072	6.667975	51.8513	20.34352	31.50779	31.47237	2
1727.645	1727.135	1059.135	92.64	83.63	92.72	92.98	33.91274	10.55472	55.53254	36.59703	18.93551	31.16933	2
1727.65	1727.14	1059.14	93.83	105.76	94.57	95.8	22.34748	16.21104	61.44148	36.57232	24.86917	30.59401	2
1727.655	1727.145	1059.145	92.57	122.89	92.04	89.93	29.20372	10.32563	60.47065	33.68392	26.78673	31.13792	2
1727.66	1727.15	1059.15	90.39	101.03	89	86.88	43.16444	4.360465	52.47509	31.90434	20.57075	32.11119	2
1727.665	1727.155	1059.155	87.67	74.62	86.84	82.41	47.71806	3.821454	48.46049	33.23739	15.2231	33.19949	2
1727.67	1727.16	1059.16	88.66	92.07	86.72	82.63	51.18686	1.341002	47.47214	15.54133	31.93081	33.47146	2
1727.675	1727.165	1059.165	88.74	94.48	86.86	80.82	50.06504	1.727776	48.20718	27.95858	20.24861	33.64144	2
1727.68	1727.17	1059.17	88.59	72.33	87.33	83.37	50.75834	2.414794	46.82687	31.68423	15.14264	33.62614	2
1727.685	1727.175	1059.175	89.49	54.72	88.63	86.07	51.09196	3.008733	45.89931	26.0052	19.89411	33.68389	2
1727.69	1727.18	1059.18	89.6	88.4	88.35	86.47	45.8627	3.824123	50.31318	31.38363	18.92955	32.45555	2
1727.695	1727.185	1059.185	89.05	121.66	88.59	86.04	32.19728	8.892918	58.9098	39.34375	19.56606	31.14537	2
1727.7	1727.19	1059.19	88.24	49.88	88.17	87.83	47.29074	5.15947	47.54979	28.6573	18.89249	32.7178	2
1727.705	1727.195	1059.195	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1728.19	1727.68	1059.68	115.42	21.67	115.69	115.47	26.47696	36.61081	36.91223	12.94494	23.96729	28.65361	4
1728.195	1727.685	1059.685	111.81	29.56	112.06	111.72	28.04378	29.76848	42.18774	18.5964	23.59135	29.67236	4
1728.2	1727.69	1059.69	107.36	27.63	107.04	106.62	37.02234	16.90138	46.07628	15.9388	30.13748	31.50373	4
1728.205	1727.695	1059.695	101.99	35.68	101.14	100.31	44.12214	8.146966	47.73089	30.06289	17.66801	32.89518	4
1728.21	1727.7	1059.7	97.98	29.91	97.52	96.06	46.18518	7.585669	46.22915	22.8012	23.42795	33.21258	4

1728.215	1727.705	1059.705	96.51	24.83	96.73	97.65	43.49694	10.14883	46.35423	27.02402	19.33021	32.31592	4
1728.22	1727.71	1059.71	95.12	25.16	94.55	93.29	50.81838	4.885157	44.29646	22.32007	21.97639	33.90785	4
1728.225	1727.715	1059.715	95.71	25.27	94.56	93.28	54.74396	2.17331	43.08273	15.06736	28.01537	34.72483	4
1728.23	1727.72	1059.72	96.19	17.5	95.53	94.47	52.3852	4.491497	43.1233	14.84076	28.28254	34.2461	4
1728.235	1727.725	1059.725	99.1	22.23	98.65	97.47	46.93584	7.912341	45.15182	23.02292	22.1289	33.31816	4
1728.24	1727.73	1059.73	102.17	26.45	101.48	99.39	44.9502	8.817126	46.23267	28.42858	17.80409	33.22541	4
1728.245	1727.735	1059.735	100.28	42.84	98.84	96.92	48.53512	3.655242	47.80964	14.51377	33.29587	33.87003	4
1728.25	1727.74	1059.74	100.78	37.16	100.86	100.33	37.66968	13.90259	48.42773	21.85451	26.57322	31.78706	4
1728.255	1727.745	1059.745	105.84	58.21	106.72	108.89	21.72038	28.38227	49.89735	29.31644	20.58091	29.61388	4
1728.26	1727.75	1059.75	106.71	59.53	107.6	110.68	20.52304	30.01382	49.46314	19.84419	29.61895	29.29845	4
1728.265	1727.755	1059.755	102.35	28	102.61	103.65	37.047	16.25894	46.69406	29.55239	17.14167	31.31684	4
1728.27	1727.76	1059.76	102.28	25.48	102.05	100.96	41.51874	12.26676	46.2145	15.88048	30.33402	32.40649	4
1728.275	1727.765	1059.765	97.74	32.19	96.48	96.21	52.05422	2.914862	45.03092	32.03327	12.99765	34.08901	4
1728.28	1727.77	1059.77	100.01	35.78	99.01	96.09	47.08204	5.882625	47.03534	22.98836	24.04697	33.73767	4
1728.285	1727.775	1059.775	100.1	29.12	99.85	99.03	42.79846	10.46184	46.7397	24.85777	21.88193	32.57117	4
1728.29	1727.78	1059.78	101.44	52.14	99.48	97.61	49.24732	1.309635	49.44305	29.31226	20.13079	34.13393	4
1728.295	1727.785	1059.785	103.68	67.29	102.55	98.55	37.08772	9.309987	53.60229	33.07656	20.52574	32.65128	4
1728.3	1727.79	1059.79	105.24	67.88	104.68	103.55	31.09224	15.22297	53.68479	21.19143	32.49337	31.36891	4
1728.305	1727.795	1059.795	108.87	75.22	109.66	111.23	15.51386	33.84304	50.6431	40.65856	9.984542	29.36043	4
1728.31	1727.8	1059.8	109.91	65.31	109.64	108.68	25.17028	23.12824	51.70148	20.7054	30.99608	30.50746	4
1728.315	1727.805	1059.805	104.55	48.94	104.78	105.83	30.18802	20.01367	49.79831	19.07057	30.72774	30.59045	4
1728.32	1727.81	1059.81	103.96	39.61	103.47	102.15	38.56868	12.72529	48.70603	18.24545	30.46058	32.10883	4
1728.325	1727.815	1059.815	110.14	58.59	111.02	111.39	17.67242	36.19218	46.1354	28.182	17.9534	29.14602	4
1728.33	1727.82	1059.82	107.23	53.56	107.63	109.24	25.28688	25.55757	49.15555	24.59972	24.55583	29.87479	4
1728.335	1727.825	1059.825	102.92	39.05	102.95	103.94	35.631	15.82521	48.54379	34.5817	13.9621	31.2224	4
1728.34	1727.83	1059.83	98.98	29.43	99.16	98.76	40.42134	12.36314	47.21552	29.72635	17.48918	32.11907	4
1728.345	1727.835	1059.835	98.14	64.68	98.71	102.61	29.64114	16.45334	53.90552	28.35343	25.55209	30.29268	4
1728.35	1727.84	1059.84	95.98	44.92	96.18	99.1	39.27776	10.9615	49.76074	19.70363	30.05712	31.3571	4
1728.355	1727.845	1059.845	96.09	22.81	96.35	95.98	44.06218	9.89696	46.04086	23.4111	22.62976	32.63728	4
1728.36	1727.85	1059.85	96.74	25.8	96.52	94.66	46.4606	7.858258	45.68114	21.30127	24.37988	33.29934	4
1728.365	1727.855	1059.855	95.75	24.31	95.98	97.21	44.24448	9.555209	46.20031	27.6616	18.53871	32.36421	4
1728.37	1727.86	1059.86	98.07	27.5	97.68	98.21	46.1431	7.908064	45.94884	25.88653	20.0623	32.83794	4
1728.375	1727.865	1059.865	99.6	22.82	99.48	99.44	43.77556	10.48935	45.73509	16.84177	28.89332	32.55809	4
1728.38	1727.87	1059.87	102.35	31.26	101.98	102.33	41.14058	11.66529	47.19413	17.60098	29.59315	32.12401	4
1728.385	1727.875	1059.875	100.62	29.1	100.43	100.74	41.8599	11.312	46.8281	30.31235	16.51575	32.21431	4
1728.39	1727.88	1059.88	101.67	38.22	101.41	101.76	39.22936	12.35011	48.42053	23.75153	24.669	31.86023	4
1728.395	1727.885	1059.885	98.78	38.12	98.21	97.22	44.31486	8.006439	47.6787	33.74287	13.93583	32.84382	4
1728.4	1727.89	1059.89	98.88	63.72	98.27	94.8	38.33766	9.551617	52.11072	29.95251	22.15821	32.48569	4
1728.405	1727.895	1059.895	98.13	74.5	96.62	94.5	43.3939	4.49567	52.11043	29.62955	22.48088	32.88069	4
1728.41	1727.9	1059.9	100.11	67.03	99.23	96.53	38.49754	8.833711	52.66875	26.03577	26.63298	32.42286	4
1728.415	1727.905	1059.905	103.74	73.54	102.97	102.98	32.73002	12.58976	54.68022	38.77972	15.9005	31.38913	4
1728.42	1727.91	1059.91	107.39	91.24	108.66	109.55	9.27862	37.28363	53.43775	50.98385	2.4539	29.78684	4
1728.425	1727.915	1059.915	105.2	74.23	104.8	105.09	28.35234	16.99441	54.65325	36.80613	17.84712	30.87615	4
1728.43	1727.92	1059.92	102.35	83.01	100.42	98.27	40.70708	3.871444	55.42148	25.29397	30.12751	32.86832	4
1728.435	1727.925	1059.925	102.15	87.33	99.93	95.89	42.09314	2.117707	55.78915	19.08799	36.70116	33.43631	4
1728.44	1727.93	1059.93	101.65	89.66	100.7	99.12	32.14678	10.85179	57.00143	25.96378	31.03766	31.66203	4
1728.445	1727.935	1059.935	105.34	81	104.86	106.72	27.2052	16.8955	55.8993	28.06619	27.83311	30.56586	4
1728.45	1727.94	1059.94	102.36	107.67	102.39	99.3	19.54016	19.87198	60.58786	38.21768	22.37018	31.30739	4
1728.455	1727.945	1059.945	96.55	106.91	96	92	29.56428	11.34392	59.0918	32.84005	26.25175	31.73366	4
1728.46	1727.95	1059.95	95.84	102.12	92.73	90.12	51.21666	0	48.78334	9.959308	38.82403	30.64823	4
1728.465	1727.955	1059.955	97.31	50.12	97.14	93.48	39.66326	10.20283	50.13391	31.32223	18.81168	32.63148	4
1728.47	1727.96	1059.96	98.43	48.74	99.16	101.27	31.99182	16.71173	51.29645	28.13819	23.15826	30.75226	4
1728.475	1727.965	1059.965	99.02	50.45	100.04	100.51	28.7877	19.43371	51.77859	23.20487	28.57372	30.79001	4
1728.48	1727.97	1059.97	93.83	60.39	93.96	92.37	38.05452	10.02897	51.91651	28.44243	23.47408	31.97993	4
1728.485	1727.975	1059.975	93.03	142.43	91.2	87.92	34.12684	5.985043	59.88812	26.94829	32.93983	31.41795	4
1728.49	1727.98	1059.98	94.73	214.83	95.85	93.94	0	26.44275	73.55725	73.55725	0	-9999	4
1728.495	1727.985	1059.985	96.89	127.01	97.76	99.02	13.38228	21.25706	65.36066	53.23575	12.12492	30.77461	4
1728.5	1727.99	1059.99	99.04	73.87	99.03	98.86	31.08416	14.17914	54.7367	39.89822	14.83848	31.16759	4
1728.505	1727.995	1059.995	98.36	68.77	97.44	96.39	39.99646	7.679895	52.32364	21.73931	30.58434	32.22944	4
1728.51	1728	1060	96.15	66.91	94.98	96.72	44.41728	5.066308	50.51641	27.18341	23.333	32.1936	4
1728.515	1728.005	1060.005	95.62	89.6	93.79	93.08	44.5289	3.023351	52.44775	19.91306	32.53469	32.52486	4
1728.52	1728.01	1060.01	94.89	78.64	92.87	91.18	49.32532	1.19473	49.47995	20.63843	28.84152	33.43119	4
1728.525	1728.015	1060.015	96.41	122.27	93.94	90.95	40.85596	2.156826	56.98721	23.03911	33.9481	32.40097	4
1728.53	1728.02	1060.02	94.24	118.81	92.33	88.71	39.34968	4.291175	56.35915	28.67962	27.67953	32.1573	4
1728.535	1728.025	1060.025	90.24	92.33	89.46	89.49	40.68034	6.148028	53.17163	19.23062	33.94101	31.54332	4
1728.54	1728.03	1060.03	91.94	91.31	91.91	89.71	33.55068	10.12768	56.32164	30.25118	26.07046	31.52377	4
1728.545	1728.035	1060.035	91.82	132.97	90.92	89.82	30.32186	9.021222	60.65692	42.09718	18.55974	30.85355	4
1728.55	1728.04	1060.04	95.51	115.58	94.98	94.39	28.26794	11.42058	60.31148	32.20435	28.10713	30.98616	4
1728.555	1728.045	1060.045	95.92	95.02	95.28	95.25	33.71876	9.679984	56.60126	32.37127	24.22998	31.25562	4
1728.56	1728.05	1060.05	95.72	94.66	94.75	95.41	36.54738	7.800234	55.65239	26.19158	29.46081	31.34838	4
1728.565	1728.055	1060.055	92.5	88.6	92.46	90.22	33.7688	10.23775	55.99345	33.37318	22.62027	31.57819	4
1728.57	1728.06	1060.06	95.81	131.92	95.7	102.9	20.78266	14.98267	64.23467	34.12464	30.11003	29.43405	4
1728.575	1728.065	1060.065	94.39	114.51	95.36	94.78	17.93228	18.52171	63.54601	35.51252	28.03349	30.98207	4

1728.58	1728.07	1060.07	93.27	108.51	93.93	95.07	22.81718	15.52215	61.66067	41.60603	20.05464	30.58731	4
1728.585	1728.075	1060.075	90.36	79.27	91.51	93.08	28.77296	13.51193	57.71511	26.86596	30.84915	30.72918	4
1728.59	1728.08	1060.08	90.41	65.53	90.15	89.24	42.97954	6.543404	50.47706	19.07355	31.40351	32.21803	4
1728.595	1728.085	1060.085	92.34	78.08	92.59	91.42	34.21434	10.78402	55.00164	32.51099	22.49065	31.47322	4
1728.6	1728.09	1060.09	86.43	91.86	85.08	81.71	48.71678	2.87527	48.40795	23.84991	24.55804	32.80642	4
1728.605	1728.095	1060.095	89.56	88.37	89.67	91.96	35.36676	9.153929	55.47931	36.51191	18.9674	30.74781	4
1728.61	1728.1	1060.1	93.05	108.21	92.59	95.68	31.77218	9.907011	58.32081	22.74358	35.57723	30.38018	4
1728.615	1728.105	1060.105	89.69	127.58	87.94	81.82	40.17334	4.608	55.21866	38.70773	16.51093	32.20906	4
1728.62	1728.11	1060.11	90.14	79.7	88.81	92.02	48.0913	3.085096	48.8236	26.21354	22.61007	31.93302	4
1728.625	1728.115	1060.115	93.79	64.51	92.31	89.65	49.57178	2.503798	47.92442	31.90483	16.01959	33.64854	4
1728.63	1728.12	1060.12	91.03	74.61	89.73	87.77	48.27178	3.123343	48.60488	28.09629	20.50859	33.02971	4
1728.635	1728.125	1060.125	91.65	52.43	90.15	88.67	54.61894	0.981095	44.39996	31.47777	12.92219	34.26027	4
1728.64	1728.13	1060.13	87	66.76	86.09	86.57	50.85658	2.794994	46.34843	23.83986	22.50857	32.77876	4
1728.645	1728.135	1060.135	84.46	82.18	83.38	80.33	50.77924	2.579195	46.64157	14.73689	31.90468	33.02724	4
1728.65	1728.14	1060.14	84.29	52.68	83.89	83.04	52.80464	2.580556	44.6148	28.05884	16.55597	33.36323	4
1728.655	1728.145	1060.145	88.38	73.31	88.15	86.83	42.73188	6.204688	51.06343	32.51331	18.55012	32.10183	4
1728.66	1728.15	1060.15	88.21	75.19	87.21	85.41	48.40082	3.432059	48.16712	19.17373	28.99339	32.82124	4
1728.665	1728.155	1060.155	88.84	90.25	87.41	87.16	47.5092	3.074269	49.41653	18.11866	31.29787	32.27536	4
1728.67	1728.16	1060.16	91.36	75.29	90.13	87.37	47.26112	3.561116	49.17776	19.86951	29.30826	33.05055	4
1728.675	1728.165	1060.165	92.23	80.27	90.75	85.75	47.19306	3.106176	49.70076	30.97733	18.72343	33.47237	4
1728.68	1728.17	1060.17	92.98	85.55	93.67	93.12	28.4078	13.88798	57.70422	29.58559	28.11863	31.06283	4
1728.685	1728.175	1060.175	94.29	81.18	93.3	93.06	41.28014	6.143453	52.57641	31.13767	21.43874	31.97397	4
1728.69	1728.18	1060.18	94.93	132.46	93.09	91.49	34.86908	5.699445	59.43147	26.18136	33.25011	31.3909	4
1728.695	1728.185	1060.185	95.96	112.7	94.61	95.4	34.9059	7.135551	57.95855	26.95114	31.00741	31.13303	4
1728.7	1728.19	1060.19	107.77	124.63	107.32	106.14	14.17864	22.64487	63.17649	53.02536	10.15113	31.01837	4
1728.705	1728.195	1060.195	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1729.005	1728.495	1060.495	127.21	34.26	127.5	126.34	12.42838	72.65088	14.92074	0	14.92074	23.36117	8
1729.01	1728.5	1060.5	130.49	27.56	130.5	130.81	13.20218	77.33319	9.464628	0	9.464628	21.73194	8
1729.015	1728.505	1060.505	125.26	171.78	129.22	129.59	0	100	0	0	0	-9999	8
1729.02	1728.51	1060.51	115.36	262.19	119.27	128.2	0	100	0	0	0	-9999	8
1729.025	1728.515	1060.515	112.62	220.88	112.73	118.31	0	42.35244	57.64756	57.64756	0	-9999	8
1729.03	1728.52	1060.52	115.1	149.57	113.29	108.44	11.93956	15.53794	72.5225	58.46948	14.05302	32.62858	8
1729.035	1728.525	1060.525	117.19	129.21	116.09	113.2	9.44138	26.26735	64.29127	43.33653	20.95474	31.25196	8
1729.04	1728.53	1060.53	107.66	112.52	109.3	113.2	1.01296	43.22758	55.75946	55.75946	0	-9999	8
1729.045	1728.535	1060.535	102.7	148.65	103.5	95.39	3.3427	29.12117	67.53613	66.30113	1.235001	-9999	8
1729.05	1728.54	1060.54	92.63	108.35	90.69	87.96	43.5947	3.126344	53.27896	18.11431	35.16464	32.37272	8
1729.055	1728.545	1060.545	95.06	76.03	95.45	96.26	31.12304	13.37133	55.50563	27.94911	27.55652	30.96333	8
1729.06	1728.55	1060.55	93.4	53.94	93.07	92.95	43.57602	7.055184	49.3688	31.04623	18.32257	32.34244	8
1729.065	1728.555	1060.555	95.49	67.53	94.53	92.69	43.24694	5.913164	50.8399	21.30847	29.53143	32.64488	4
1729.07	1728.56	1060.56	95.26	56.14	94.33	95.08	45.98242	5.191174	48.82641	25.29375	23.53265	32.59154	4
1729.075	1728.565	1060.565	92.01	59.2	91.09	89.85	48.1544	4.031238	47.81436	27.25215	20.56222	33.08027	4
1729.08	1728.57	1060.57	91.84	58.38	91.69	93.73	42.54174	7.304077	50.15418	32.27388	17.8803	31.73382	4
1729.085	1728.575	1060.575	91.19	53.31	89.61	88.04	55.44918	0.591947	43.95887	20.45268	23.50619	34.38706	4
1729.09	1728.58	1060.58	90.92	48.14	90.17	88.5	50.51622	3.563885	45.9199	31.82514	14.09476	33.5638	4
1729.095	1728.585	1060.585	97.55	98.14	95.81	92.67	39.98912	4.599948	55.41093	23.6006	31.81033	32.52364	4
1729.1	1728.59	1060.59	97.88	70.62	97.43	94.26	36.34786	10.32582	53.32632	26.35432	26.972	32.17042	4
1729.105	1728.595	1060.595	97.24	79.3	96.14	92.35	39.8736	6.774002	53.3524	31.14488	22.20752	32.64425	4
1729.11	1728.6	1060.6	90.85	72.77	89.95	91.41	45.78266	4.576815	49.64052	26.895	22.74552	32.06172	4
1729.115	1728.605	1060.605	85.06	39.94	84.7	85.41	54.86932	2.123	43.00768	18.54043	24.46725	33.63532	4
1729.12	1728.61	1060.61	84.3	58.86	83.29	80.29	56.02738	1.171428	42.80119	20.63421	22.16698	34.18455	4
1729.125	1728.615	1060.615	85.04	65.36	84.2	78.04	52.45608	2.329476	45.21444	25.89383	19.32061	34.13659	4
1729.13	1728.62	1060.62	85.71	64.51	84.96	85.92	51.34788	2.762078	45.89004	28.96421	16.92583	32.71059	4
1729.135	1728.625	1060.625	86.29	55.81	85.78	84.95	51.05968	3.161567	45.77875	33.19297	12.58578	33.15437	4
1729.14	1728.63	1060.63	83.47	56.67	82.26	80.31	58.87096	0.248298	40.88074	9.8585	31.02224	34.48306	2
1729.145	1728.635	1060.635	83.18	32.75	82.05	80.15	64.3064	0	35.6936	24.59388	11.09972	34.30363	2
1729.15	1728.64	1060.64	82.83	38.06	82.01	79.39	60.94088	0	39.05912	17.07019	21.98893	35.17302	2
1729.155	1728.645	1060.645	83.66	57	81.65	79.45	64.8163	0	35.1837	16.84992	18.33378	33.13051	2
1729.16	1728.65	1060.65	86.03	69.32	84.5	82.2	55.93446	0.693795	43.37175	19.93584	23.4359	34.0031	2
1729.165	1728.655	1060.655	91.8	64.71	92.32	87.61	35.85418	10.76594	53.37988	27.61229	25.76759	32.313	2
1729.17	1728.66	1060.66	89.72	59.74	88.7	86.49	50.90552	2.810226	46.28425	28.98484	17.29941	33.53572	2
1729.175	1728.665	1060.665	89.57	40.78	88.78	89.26	53.84934	2.368736	43.78192	30.8084	12.97353	33.73181	2
1729.18	1728.67	1060.67	87.3	34.77	87.02	86.39	53.43966	2.938442	43.6219	30.03743	13.58447	33.8203	2
1729.185	1728.675	1060.675	86.83	49.14	86.55	81.21	50.39452	3.708872	45.89661	16.14008	29.75653	34.0057	2
1729.19	1728.68	1060.68	84.48	38.88	84.36	83.09	53.79944	2.582648	43.61791	13.02229	30.59563	33.8109	2
1729.195	1728.685	1060.685	85.52	67.49	84.65	81.59	51.73152	2.522061	45.74642	17.3764	28.37001	33.4535	2
1729.2	1728.69	1060.69	84.66	34.95	84.25	83.41	56.8324	1.483945	41.68365	30.39782	11.28584	34.31874	2
1729.205	1728.695	1060.695	82.13	40.86	80.61	81.1	66.33228	0	33.66772	11.93304	21.73468	33.13375	2
1729.21	1728.7	1060.7	76.68	14.92	76.31	76.15	68.71126	0	31.28874	14.27066	17.01808	33.64429	4
1729.215	1728.705	1060.705	79.36	34.73	78.61	76.88	64.39664	0	35.60336	13.48334	22.12002	34.30117	4
1729.22	1728.71	1060.71	78.01	39.46	76.57	75.45	69.84148	0	30.15852	4.692991	25.46553	33.23206	4
1729.225	1728.715	1060.715	80.82	30.98	80.05	78.83	64.11594	0	35.88406	12.46627	23.41779	34.37881	4
1729.23	1728.72	1060.72	91.77	77.67	92.21	94.2	33.36546	11.24926	55.38528	39.19721	16.18808	30.82925	4
1729.235	1728.725	1060.725	95.57	54.06	94.99	95.2	43.48808	7.037425	49.4745	23.51418	25.96031	32.35174	4

1729.24	1728.73	1060.73	93.2	56.83	92.59	91.84	45.23064	5.810572	48.95879	25.87328	23.08551	32.65006	4
1729.245	1728.735	1060.735	89.47	33.36	88.97	87.96	53.48948	2.959761	43.55076	21.9179	21.63286	34.0173	4
1729.25	1728.74	1060.74	88.37	33.45	87.57	86.37	56.8047	1.393835	41.80147	15.16427	26.6372	34.60563	4
1729.255	1728.745	1060.745	86.74	33.31	85.52	84.22	61.59318	0	38.40682	18.82239	19.58443	34.70791	4
1729.26	1728.75	1060.75	85.54	53.28	83.29	81.57	65.84694	0	34.15306	20.93012	13.22294	32.48345	4
1729.265	1728.755	1060.755	87.38	59.81	87.06	87.26	47.61638	4.520256	47.86336	18.26469	29.59867	32.4903	4
1729.27	1728.76	1060.76	91.05	66.9	91.3	93.91	38.1067	9.18526	52.70804	20.80737	31.90067	31.10399	4
1729.275	1728.765	1060.765	93.97	32.6	93.38	92.96	50.2309	4.664357	45.10474	21.00456	24.10018	33.55207	4
1729.28	1728.77	1060.77	89.91	40.18	89.26	88	52.59674	3.014308	44.38895	15.30125	29.0877	33.858	4
1729.285	1728.775	1060.775	87.34	34.44	87.04	86.65	53.63772	2.862064	43.50022	25.80609	17.69413	33.81455	4
1729.29	1728.78	1060.78	85.65	31.83	85.05	85.77	58.14914	1.019058	40.8318	26.08871	14.74309	34.3765	4
1729.295	1728.785	1060.785	86.81	34	86.41	86.41	55.0068	2.262942	42.73026	19.93353	22.79673	33.95977	4
1729.3	1728.79	1060.79	84.6	30.94	84.02	82.65	59.17552	0.668834	40.15565	22.73235	17.4233	34.91633	4
1729.305	1728.795	1060.795	88.33	50.94	86.61	85.06	59.73892	0	40.26108	17.15875	23.10233	34.03553	4
1729.31	1728.8	1060.8	92.87	87.63	93.6	87.76	27.69564	14.13767	58.16669	25.81003	32.35666	32.00567	4
1729.315	1728.805	1060.805	97.42	87.15	99.04	104.27	16.7283	23.90146	59.37024	29.75772	29.61252	29.82029	4
1729.32	1728.81	1060.81	95.45	65.34	93.86	91	48.69622	2.539231	48.76455	33.56912	15.19543	33.659	4
1729.325	1728.815	1060.815	91.12	55.84	89.78	87.29	53.04132	1.720195	45.23849	19.37925	25.85924	34.07911	4
1729.33	1728.82	1060.82	91.98	53.53	90.98	92.91	50.17414	3.288631	46.53723	29.79748	16.73975	32.85441	4
1729.335	1728.825	1060.825	90.14	41.46	89.39	87.69	52.85038	2.794963	44.35466	19.984	24.37066	33.98177	4
1729.34	1728.83	1060.83	89.04	53.48	88.26	83.82	51.18604	3.064676	45.74928	31.11987	14.62942	34.0193	4
1729.345	1728.835	1060.835	86.27	49.8	85.14	80.89	57.3375	0.707963	41.95454	19.01971	22.93483	34.91945	4
1729.35	1728.84	1060.84	85.08	54.21	83.38	81.47	61.78258	0	38.21742	21.05237	17.16505	33.80779	4
1729.355	1728.845	1060.845	86.88	49.92	86.83	84.47	48.37726	4.588899	47.03384	31.25064	15.7832	33.16538	4
1729.36	1728.85	1060.85	83.74	27.21	83.19	82.22	60.63688	0.228216	39.1349	22.56837	16.56654	35.14402	4
1729.365	1728.855	1060.855	83.98	55.43	82.86	81.94	58.00434	0.53847	41.45719	11.69804	29.75915	34.18511	4
1729.37	1728.86	1060.86	84.45	79.73	82.23	80.39	60.21634	0	39.78366	15.78074	24.00292	33.2036	4
1729.375	1728.865	1060.865	81.92	38.48	80.67	78.59	65.00894	0	34.99106	16.36302	18.62804	34.02076	4
1729.38	1728.87	1060.87	78.72	10.34	78.74	78.53	64.92032	0	35.07968	5.783073	29.29661	34.53938	4
1729.385	1728.875	1060.875	80.58	23.31	79.78	78.71	66.42538	0	33.57462	19.2732	14.30142	34.093	4
1729.39	1728.88	1060.88	79.68	34.34	79.13	79.44	62.64662	0	37.35338	18.64091	18.71247	34.31083	4
1729.395	1728.885	1060.885	77.97	42.19	77.35	77.98	62.86262	0	37.13738	11.45373	25.68365	33.96635	4
1729.4	1728.89	1060.89	79.91	51.77	78.59	78.02	64.18446	0	35.81554	8.113191	27.70235	33.6549	4
1729.405	1728.895	1060.895	83.51	47.36	82.43	79.61	60.07968	0	39.92032	20.05006	19.87026	35.0258	4
1729.41	1728.9	1060.9	82.04	42.57	81.75	82.35	56.46876	1.450737	42.0805	14.44923	27.63128	33.72555	4
1729.415	1728.905	1060.905	85.25	64.7	84.65	80.76	50.5626	3.101737	46.33566	26.32247	20.01319	33.46174	4
1729.42	1728.91	1060.91	89.89	58.11	89.86	86.33	43.47108	6.721098	49.80782	23.79494	26.01288	32.80106	4
1729.425	1728.915	1060.915	90.03	40.77	89.67	90.35	50.09606	4.274202	45.62974	23.97779	21.65195	33.08815	4
1729.43	1728.92	1060.92	86.65	36.32	86.73	87.59	50.87256	4.02012	45.10732	16.03778	29.06954	33.08831	4
1729.435	1728.925	1060.925	86.32	54.46	85.84	85.54	51.12628	3.182143	45.69158	16.49367	29.1979	33.08387	4
1729.44	1728.93	1060.93	86.4	46.61	85.37	83.14	57.21488	0.854477	41.93064	26.94332	14.98733	34.57673	4
1729.445	1728.935	1060.935	87.87	39.45	87.33	85.78	53.7977	2.556574	43.64573	25.72175	17.92398	34.0182	4
1729.45	1728.94	1060.94	89.22	46.25	88.59	87.29	51.6076	3.219465	45.17293	24.67996	20.49297	33.59732	4
1729.455	1728.945	1060.945	92.98	95.63	91.1	84.41	45.88594	2.596586	51.51747	17.77489	33.74259	33.52835	4
1729.46	1728.95	1060.95	92.72	130.85	90.08	83.41	43.4919	1.707032	54.80107	34.95045	19.85062	32.88761	4
1729.465	1728.955	1060.955	93.74	113.18	91.04	86.78	47.29464	0.298541	52.40682	28.51802	23.8888	33.20629	4
1729.47	1728.96	1060.96	90.73	103.98	88.74	84.78	46.78774	2.291616	50.92064	22.80897	28.11167	32.85812	4
1729.475	1728.965	1060.965	87.87	104.05	85.15	80.76	55.0595	0	44.9405	18.0533	26.8872	33.13423	4
1729.48	1728.97	1060.97	89.32	98.69	87.84	84.5	45.41262	3.57932	51.00806	22.78069	28.22737	32.5162	4
1729.485	1728.975	1060.975	90.71	88.41	89.03	86.04	48.17158	2.448176	49.38024	27.0239	22.35635	33.03191	4
1729.49	1728.98	1060.98	93.16	106.7	91.17	87.27	43.8939	2.898048	53.20805	24.04775	29.1603	32.68349	4
1729.495	1728.985	1060.985	88.01	116.32	85.8	80.06	48.00886	1.967501	50.02364	17.10479	32.91885	32.9353	4
1729.5	1728.99	1060.99	83.96	67.36	83.02	80.88	53.74068	1.861213	44.39811	30.72166	13.67645	33.4884	4
1729.505	1728.995	1060.995	84.33	72.09	83.64	82.15	50.31812	3.026617	46.65526	29.82545	16.82982	32.81887	4
1729.51	1729	1061	85.03	58.93	83.49	80.96	59.44634	0	40.55366	17.77613	22.77753	34.45455	4
1729.515	1729.005	1061.005	84.75	54.31	83.92	82.88	55.31948	1.528893	43.15163	30.05739	13.09424	33.79794	4
1729.52	1729.01	1061.01	84.36	62.94	83.22	82.57	55.99232	1.078502	42.92918	24.96055	17.96863	33.68051	4
1729.525	1729.015	1061.015	85.35	83.15	83.3	82.09	57.2432	0	42.7568	18.1378	24.619	33.67431	4
1729.53	1729.02	1061.02	86.63	74.62	85.08	83.1	54.25486	1.109164	44.63598	20.84554	23.79043	33.62244	4
1729.535	1729.025	1061.025	83.68	73.42	82.31	80.39	55.86426	0.973744	43.162	12.54326	30.61874	33.67376	4
1729.54	1729.03	1061.03	83.68	87.56	82.28	79.11	52.67488	1.84387	45.48125	30.68973	14.79152	33.16731	4
1729.545	1729.035	1061.035	84.18	94.12	82.65	80.69	51.63486	2.013093	46.35205	20.53168	25.82037	32.72482	4
1729.55	1729.04	1061.04	84.18	91.07	82.95	81.13	50.04796	2.672021	47.28002	16.76273	30.51729	32.5332	4
1729.555	1729.045	1061.045	83.36	69.93	82.49	81.82	53.12824	2.075958	44.7958	24.49334	20.30246	33.04201	4
1729.56	1729.05	1061.05	84.92	88.35	82.82	81.35	56.7679	0.093158	43.13894	19.09949	24.03945	33.60376	4
1729.565	1729.055	1061.055	84.78	60.99	83.48	82	57.31782	0.570292	42.11189	14.45635	27.65554	34.12902	4
1729.57	1729.06	1061.06	83.33	44.1	82.18	80.2	61.5767	0	38.4233	18.21957	20.20373	34.57739	4
1729.575	1729.065	1061.065	89.55	65.26	88.41	85	50.65608	2.666159	46.67776	17.4447	29.23306	33.64227	4
1729.58	1729.07	1061.07	88.78	55.69	87.89	85.59	51.74292	2.707449	45.54963	27.79417	17.75546	33.66963	4
1729.585	1729.075	1061.075	87.14	47.48	87.11	88.35	48.57354	4.616314	46.81015	14.82261	31.98754	32.56634	4
1729.59	1729.08	1061.08	87	91.86	87.92	90.76	30.59988	11.0011	58.39902	25.55768	32.84134	30.37649	4
1729.595	1729.085	1061.085	85.85	64.04	86.14	82.41	43.27282	6.227673	50.49951	24.37387	26.12564	32.611	4
1729.6	1729.09	1061.09	85.43	56.45	85.01	80.82	50.9985	3.182647	45.81885	26.16481	19.65405	33.70751	4

1729.605	1729.095	1061.095	86.24	53.79	85.52	82.84	53.22202	2.309555	44.46843	32.18116	12.28726	33.85051	4
1729.61	1729.1	1061.1	86.81	81.9	85.27	81.11	52.25	1.669987	46.08001	19.49722	26.5828	33.61333	4
1729.615	1729.105	1061.105	86.26	74.66	84.33	80.82	57.53058	0	42.46942	8.327095	34.14232	34.23406	4
1729.62	1729.11	1061.11	85.85	93.55	84.12	80.88	51.7864	1.674395	46.5392	17.3495	29.1897	33.12532	4
1729.625	1729.115	1061.115	87.27	75.8	87.03	85	43.228	5.837411	50.93459	19.42818	31.50641	32.19487	4
1729.63	1729.12	1061.12	86.75	71.75	85.23	80.63	54.6065	1.037524	44.35598	29.56412	14.79186	34.21487	4
1729.635	1729.125	1061.125	85.57	88.52	83.97	80.59	52.25376	1.684194	46.06205	22.78419	23.27786	33.274	4
1729.64	1729.13	1061.13	86.02	105.47	83.97	78.11	51.22536	1.521788	47.25285	19.45523	27.79762	33.36103	4
1729.645	1729.135	1061.135	84.19	95.44	81.71	75.29	58.66872	0	41.33128	23.4114	17.91988	33.90912	4
1729.65	1729.14	1061.14	84.91	114	82.24	79.27	54.9873	0.202742	44.80996	25.84504	18.96492	33.15627	4
1729.655	1729.145	1061.145	87.5	93.75	86.3	82.02	46.1125	3.772919	50.11458	24.63605	25.47853	32.69839	4
1729.66	1729.15	1061.15	90.69	87.68	90.18	92.41	39.29914	7.13238	53.56848	25.22384	28.34464	31.07504	4
1729.665	1729.155	1061.155	88.33	79.1	87.33	84.22	47.3442	3.734239	48.92156	26.99215	21.92941	32.87516	4
1729.67	1729.16	1061.16	88.25	65.64	87.96	88.57	45.17262	5.402789	49.42459	16.44198	32.98261	32.08213	4
1729.675	1729.165	1061.165	87.84	63.23	86.98	84.75	50.55054	3.003883	46.44558	20.91213	25.53345	33.32287	4
1729.68	1729.17	1061.17	90.56	76.85	90.33	90.86	39.8696	7.509611	52.62079	27.77025	24.85054	31.53367	4
1729.685	1729.175	1061.175	87.46	61.25	87.65	83.72	43.2418	6.501377	50.25682	30.94022	19.3166	32.73325	4
1729.69	1729.18	1061.18	84.01	66.83	84.63	78.88	41.73294	6.579271	51.68779	33.10927	18.57851	32.7512	4
1729.695	1729.185	1061.185	84.36	79.39	83.98	83.55	46.12142	4.469237	49.40934	27.25494	22.1544	32.00325	4
1729.7	1729.19	1061.19	80.59	82.95	81.39	81.35	39.5833	6.566247	53.85045	29.33594	24.51451	31.1864	4
1729.705	1729.195	1061.195	84	89.12	83.47	81.69	45.26046	4.550361	50.18918	26.17523	24.01395	31.99316	4
1729.71	1729.2	1061.2	87.58	129.83	84.76	81.91	49.86254	0.865072	49.27239	13.35355	35.91884	32.40646	4
1729.715	1729.205	1061.205	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1730.01	1729.5	1061.5	104.71	91.57	106.25	106.87	9.57186	34.89636	55.53178	52.28727	3.244517	30.16152	4
1730.015	1729.505	1061.505	96.35	120	94.31	92.05	38.128	4.1783	57.6937	32.9681	24.7256	31.96871	4
1730.02	1729.51	1061.51	96.98	118.97	95.41	94.59	34.15516	6.754758	59.09008	31.45168	27.6384	31.41702	4
1730.025	1729.515	1061.515	100.18	142.84	100.12	94.66	13.73212	19.49999	66.76789	48.41761	18.35027	31.99694	4
1730.03	1729.52	1061.52	102.4	89.42	102.91	103.57	20.19986	22.41829	57.38185	30.55694	26.82491	30.44325	4
1730.035	1729.525	1061.525	98.3	63.75	98.37	98.74	33.594	13.37284	53.03316	18.78302	34.25014	31.24019	4
1730.04	1729.53	1061.53	92.51	95.27	91.61	89.09	38.81046	6.758895	54.43065	20.98997	33.44067	31.9362	4
1730.045	1729.535	1061.535	89.5	93.55	88.41	86.26	43.4684	4.750664	51.78094	20.42462	31.35632	32.14813	4
1730.05	1729.54	1061.54	88.52	90.96	87.76	87.57	42.43928	5.477093	52.08363	32.57892	19.5047	31.65257	4
1730.055	1729.545	1061.545	92.56	85.5	92.12	93.51	37.5638	8.209303	54.2269	38.10223	16.12466	31.18362	4
1730.06	1729.55	1061.55	99.08	70.2	98.63	98.39	35.3455	11.13591	53.51859	29.51802	24.00057	31.55131	2
1730.065	1729.555	1061.555	98.08	89.51	97.94	92.09	29.18998	13.62756	57.18246	39.30126	17.8812	32.09184	2
1730.07	1729.56	1061.56	90.46	68.08	89.39	87.04	48.59394	3.428016	47.97804	25.31537	22.66267	33.16294	2
1730.075	1729.565	1061.565	86.58	43.52	86.62	86.06	49.50456	4.332976	46.16246	32.86292	13.29954	33.05113	2
1730.08	1729.57	1061.57	95.07	71.3	95.4	98.41	32.7235	12.73494	54.54156	20.60925	33.93231	30.65964	2
1730.085	1729.575	1061.575	91.56	98.13	90.59	87.12	39.53484	6.267199	54.19796	31.24913	22.94884	32.095	2
1730.09	1729.58	1061.58	77.09	76.47	74.48	73.05	70.79896	0	29.20104	22.10094	7.1001	32.77781	2
1730.095	1729.585	1061.585	79.94	34.18	79.39	78.49	62.44614	0	37.55386	20.01638	17.53748	34.58539	2
1730.1	1729.59	1061.59	79.53	31.66	79.32	79.61	60.79818	0.131957	39.06986	17.59354	21.47633	34.62504	2
1730.105	1729.595	1061.595	78.65	69.21	80.06	82.37	39.96568	6.31998	53.71434	25.5988	28.11554	30.95453	2
1730.11	1729.6	1061.6	77.26	50.39	76.13	74.41	65.48392	0	34.51608	17.3399	17.17618	33.79598	2
1730.115	1729.605	1061.605	76.09	34.99	76.18	76.59	60.83212	0.025877	39.142	19.06561	20.07639	34.35714	2
1730.12	1729.61	1061.61	77.08	16.32	76.8	76.42	67.30696	0	32.69304	17.81223	14.88081	33.87374	2
1730.125	1729.615	1061.615	74.76	60.47	73.87	73.96	63.48456	0	36.51544	9.781957	26.73348	33.65362	2
1730.13	1729.62	1061.62	78.02	36.4	77.92	78.74	60.1878	0.263711	39.54849	9.774873	29.77362	34.2378	2
1730.135	1729.625	1061.625	78	30.41	77.81	76.78	62.35328	0	37.64672	26.09826	11.54846	34.6299	2
1730.14	1729.63	1061.63	76.82	24.57	76.96	77.12	62.29466	0	37.70534	16.29578	21.40956	34.43599	2
1730.145	1729.635	1061.635	72.16	38.22	71.66	70.57	68.23856	0	31.76144	14.90551	16.85593	33.42588	2
1730.15	1729.64	1061.64	71.09	50.86	70.76	67.27	64.84658	0	35.15342	13.20147	21.95195	34.06797	2
1730.155	1729.645	1061.645	73.28	47.26	72.49	70.86	67.26798	0	32.73202	13.55117	19.18085	33.61956	2
1730.16	1729.65	1061.65	74.22	15.15	73.86	73.62	70.8413	0	29.1587	10.91241	18.24629	33.2838	2
1730.165	1729.655	1061.655	78.62	18.27	78.63	78.65	63.17076	0	36.82924	23.23542	13.59382	34.62511	2
1730.17	1729.66	1061.66	74.44	20.49	74.45	74.25	66.47912	0	33.52088	17.97253	15.54835	33.67793	2
1730.175	1729.665	1061.665	73.75	26.85	72.88	71.39	72.3948	0	27.6052	17.52898	10.07622	33.32035	2
1730.18	1729.67	1061.67	72.84	28.91	72.66	72.55	67.38598	0	32.61402	10.10428	22.50974	33.37325	2
1730.185	1729.675	1061.675	69.7	30.64	69.56	66.27	69.54612	0	30.45388	9.144208	21.30967	33.5889	2
1730.19	1729.68	1061.68	73.51	33.55	73.08	72.29	67.5842	0	32.4158	8.274468	24.14133	33.50308	2
1730.195	1729.685	1061.685	72.78	49.1	71.38	69.43	72.0102	0	27.9898	11.23847	16.75133	33.38712	2
1730.2	1729.69	1061.69	72.11	30.57	71.22	70.51	73.15836	0	26.84164	22.14246	4.699183	33.11775	2
1730.205	1729.695	1061.695	78.37	64.28	78.83	74.74	48.77884	3.553412	47.66775	31.36126	16.30649	32.93507	2
1730.21	1729.7	1061.7	76.99	70.56	76.41	71.02	56.58868	1.260621	42.1507	22.78565	19.36505	34.02209	2
1730.215	1729.705	1061.705	72.38	57.28	71.24	68.19	68.38364	0	31.61636	12.53162	19.08474	33.78233	2
1730.22	1729.71	1061.71	72.76	34.7	72.25	70.21	68.6159	0	31.3841	20.46962	10.91448	33.6078	2
1730.225	1729.715	1061.715	73.69	41.38	73.8	74.61	61.33874	0	38.66126	21.93633	16.72493	33.90563	2
1730.23	1729.72	1061.72	80.76	45.51	80.93	79.96	53.36988	2.435303	44.19482	16.10095	28.09387	33.40075	2
1730.235	1729.725	1061.725	86.03	52.63	86.59	86.08	43.77594	6.481431	49.74263	27.71433	22.0283	32.21657	2
1730.24	1729.73	1061.73	83.36	53.81	83.29	82.52	50.82928	3.304533	45.86619	14.66476	31.20143	32.98448	2
1730.245	1729.735	1061.735	83.28	56.33	82.75	82.57	53.85804	2.105968	44.03599	21.89061	22.14538	33.27496	2
1730.25	1729.74	1061.74	78.61	108.71	77.29	74.37	51.60098	2.565418	45.8336	13.85908	31.97453	32.202	2
1730.255	1729.745	1061.745	79.38	57.75	78.79	79	57.5674	0.943274	41.48933	25.56086	15.92846	33.55038	2

1730.26	1729.75	1061.75	76.15	26	76.26	76.15	62.7975	0	37.2025	25.7319	11.4706	34.29445	2
1730.265	1729.755	1061.755	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1730.28	1729.77	1061.77	81.63	57.11	80.54	75.77	59.52728	0.197264	40.27546	27.83389	12.44157	34.98044	2
1730.285	1729.775	1061.775	84.41	33.99	84.2	85.6	55.74472	1.945891	42.30939	13.66845	28.64094	33.70437	2
1730.29	1729.78	1061.78	83.84	47.17	83.88	84.63	51.14206	3.376463	45.48148	25.43706	20.04442	32.8723	4
1730.295	1729.785	1061.785	88.38	32.4	88.19	87.45	52.3221	3.594084	44.08382	30.64346	13.44036	33.72041	4
1730.3	1729.79	1061.79	89.36	34.66	89.03	88.22	51.95858	3.666063	44.37536	14.15961	30.21574	33.6898	4
1730.305	1729.795	1061.795	90.16	78.56	91.72	94.92	25.95128	15.13057	58.91815	41.96058	16.95757	30.39448	4
1730.31	1729.8	1061.8	84.38	106	84.25	86.14	37.7259	7.042554	55.23155	38.24339	16.98816	30.50578	4
1730.315	1729.805	1061.805	82.62	96.4	80	77.56	60.9658	0	39.0342	9.426791	29.60741	32.93266	4
1730.32	1729.81	1061.81	79.89	50.13	78.8	76.47	62.81724	0	37.18276	16.20942	20.97334	34.30389	4
1730.325	1729.815	1061.815	79.77	35.9	79.41	78.24	60.7138	0.124177	39.16202	8.021951	31.14007	34.81079	4
1730.33	1729.82	1061.82	79.6	40.18	78.82	76.72	63.08944	0	36.91056	10.12047	26.79009	34.48393	4
1730.335	1729.825	1061.825	79.96	58.13	79.41	78.76	56.63184	1.214606	42.15355	26.5986	15.55496	33.57975	4
1730.34	1729.83	1061.83	79.4	62.23	78.78	76.71	56.69734	1.179936	42.12272	15.64104	26.48168	33.74119	4
1730.345	1729.835	1061.835	77.53	55	76.67	75.72	62.0274	0	37.9726	21.66034	16.31226	34.14655	4
1730.35	1729.84	1061.84	76.92	56.81	76.23	75.29	60.83308	0.087845	39.07907	17.94443	21.13464	34.20647	4
1730.355	1729.845	1061.845	74.02	63.51	72.92	72.24	65.05718	0	34.94282	6.592572	28.35025	33.59146	4
1730.36	1729.85	1061.85	74.19	62.8	73.11	72.94	64.9176	0	35.0824	13.86338	21.21902	33.51387	4
1730.365	1729.855	1061.855	78.73	75.67	77.84	76.69	56.15376	1.311604	42.53464	30.46342	12.07121	33.18079	4
1730.37	1729.86	1061.86	80.33	95.75	79.94	71.82	45.9474	4.250921	49.80168	22.64945	27.15223	32.90303	4
1730.375	1729.865	1061.865	77.32	64.79	76.04	71.5	63.10642	0	36.89358	14.71337	22.18021	34.45659	4
1730.38	1729.87	1061.87	76.92	48.64	77.57	75.12	52.42522	2.412848	45.16193	21.97982	23.18211	33.31076	4
1730.385	1729.875	1061.875	79.17	71.93	78.9	77	51.84904	2.600709	45.55025	29.05568	16.49457	32.79519	4
1730.39	1729.88	1061.88	77.45	59.63	76.96	75	58.11304	0.8208	41.06616	27.68923	13.37693	33.88669	4
1730.395	1729.885	1061.885	78.64	46.02	78.55	76.88	57.21186	1.119191	41.66895	21.2608	20.40815	34.01718	4
1730.4	1729.89	1061.89	79.76	55.41	79.8	79.45	52.90158	2.420841	44.67758	19.58862	25.08896	32.99142	4
1730.405	1729.895	1061.895	80.94	98.53	81.2	81.96	39.67594	6.319676	54.00438	35.32403	18.68035	30.7813	4
1730.41	1729.9	1061.9	81.96	133.15	80.63	77.76	42.682	4.777768	52.54023	18.51787	34.02236	31.09399	4
1730.415	1729.905	1061.905	80.44	73.38	79.7	78.49	53.97224	1.901201	44.12656	31.45995	12.66661	33.01317	4
1730.42	1729.91	1061.91	81.88	82.23	82.2	74.15	42.29074	5.756065	51.95319	27.17535	24.77784	32.89431	4
1730.425	1729.915	1061.915	78.74	61.73	78.98	74.04	50.76054	2.989186	46.25027	18.89371	27.35657	33.38747	4
1730.43	1729.92	1061.92	77.54	66.48	77.49	77	52.96254	2.266795	44.77066	25.56215	19.20852	32.69828	4
1730.435	1729.925	1061.925	78.43	62.87	78.37	76.67	53.09486	2.263007	44.64213	15.18177	29.46036	33.05824	4
1730.44	1729.93	1061.93	78.98	38.08	78.88	77.18	58.89804	0.662631	40.43933	9.999345	30.43998	34.48419	4
1730.445	1729.935	1061.935	77.14	36.34	77.06	76.53	60.85692	0.052953	39.09013	27.45731	11.63281	34.56244	4
1730.45	1729.94	1061.94	78.77	35.16	78.41	78	61.81288	0	38.18712	10.90839	27.27873	34.55821	4
1730.455	1729.945	1061.945	79.13	58.66	78.24	75.61	59.90218	0.248353	39.84947	19.12287	20.7266	34.45408	4
1730.46	1729.95	1061.95	81.93	68.22	81.14	81.7	54.23766	1.802791	43.95955	29.52188	14.43767	32.91338	4
1730.465	1729.955	1061.955	83.89	61.51	83.26	85.79	52.81828	2.355133	44.82659	23.24574	21.58085	32.5653	4
1730.47	1729.96	1061.96	83.98	56.64	83.39	84.23	53.60402	2.173024	44.22296	21.19893	23.02403	33.08017	4
1730.475	1729.965	1061.965	84.83	46.66	84.35	85.33	54.38468	2.116762	43.49856	15.59107	27.90749	33.38077	4
1730.48	1729.97	1061.97	83.39	52.96	83.2	85.96	51.93738	2.904708	45.15791	30.25141	14.9065	32.50155	4
1730.485	1729.975	1061.975	78.86	49.69	78.45	75.16	58.60132	0.685318	40.71336	13.69398	27.01938	34.49637	4
1730.49	1729.98	1061.98	81.6	45.26	81.37	78.67	55.75758	1.649975	42.59244	26.10801	16.48444	34.13656	4
1730.495	1729.985	1061.985	81.87	56.21	81.74	79.7	52.08428	2.751438	45.16428	20.19714	24.96714	33.27916	4
1730.5	1729.99	1061.99	83.13	76.91	83.06	84.62	45.45068	4.776056	49.77326	35.36582	14.40744	31.53713	4
1730.505	1729.995	1061.995	83.56	55.01	83.39	82.17	51.12988	3.165002	45.70512	16.67851	29.0266	33.09745	4
1730.51	1730	1062	85.13	48.99	85.12	86.09	49.90232	3.88308	46.2146	28.24967	17.96493	32.68605	4
1730.515	1730.005	1062.005	86.6	40.2	86.12	85.92	54.3196	2.325417	43.35498	25.07012	18.28486	33.77339	4
1730.52	1730.01	1062.01	90.75	47.15	89.7	88.68	53.2372	2.196401	44.5664	14.41449	30.15191	33.89285	4
1730.525	1730.015	1062.015	93.58	53.3	93.7	92.55	40.0778	9.327344	50.59486	32.40227	18.19259	32.11646	4
1730.53	1730.02	1062.02	100.94	63.84	101.2	100.92	29.67092	17.15544	53.17364	27.92952	25.24413	30.99982	4
1730.535	1730.025	1062.025	106.83	71.87	107.85	111.39	16.41886	32.35837	51.22277	33.99026	17.23251	29.16228	4
1730.54	1730.03	1062.03	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1730.625	1730.115	1062.115	80.15	43.72	79.33	79.1	62.03676	0	37.96324	10.33413	27.62911	34.26596	4
1730.63	1730.12	1062.12	83.84	122.25	82.08	81.47	46.9227	3.206917	49.87038	34.82352	15.04687	31.39129	4
1730.635	1730.125	1062.125	83.78	50.7	83.01	83.19	56.6205	1.182172	42.19733	15.28441	26.91292	33.78444	4
1730.64	1730.13	1062.13	87.78	50.65	87.14	84.5	51.9451	2.918111	45.13679	15.97479	29.162	33.75906	4
1730.645	1730.135	1062.135	87.63	65.01	87.43	90.09	45.19798	5.412681	49.38934	18.33879	31.05055	31.67846	4
1730.65	1730.14	1062.14	88.21	67.44	87.92	85.96	44.77382	5.506363	49.71982	29.2615	20.45831	32.47982	4
1730.655	1730.145	1062.145	85.17	71.24	84.8	82.85	47.27102	4.244845	48.48414	27.82449	20.65965	32.56864	4
1730.66	1730.15	1062.15	82.69	47.02	82.26	81.92	55.87886	1.574186	42.54695	21.66676	20.8802	33.74875	4
1730.665	1730.155	1062.155	82.22	66.05	81.27	79.06	55.736	1.303265	42.96073	17.50143	25.45931	33.7182	4
1730.67	1730.16	1062.16	85	94.34	84.85	79.3	40.13222	6.43994	53.42784	28.32229	25.10555	32.22147	4
1730.675	1730.165	1062.165	82.79	77.34	82.29	79.41	48.99192	3.455818	47.55226	31.81996	15.7323	32.72152	4
1730.68	1730.17	1062.17	78.34	51.49	77.33	74.88	63.29412	0	36.70588	6.90523	29.80065	34.24485	4
1730.685	1730.175	1062.175	76.5	63.48	74.89	73.67	66.73534	0	33.26466	13.28075	19.98391	33.38601	4
1730.69	1730.18	1062.18	79.19	85.15	77.71	75.78	58.0089	0.711063	41.28004	20.58616	20.69388	33.47431	4
1730.695	1730.185	1062.185	78.78	59.76	78.06	74.59	58.64048	0.633209	40.72631	11.73769	28.98862	34.33518	4
1730.7	1730.19	1062.19	79.99	49.9	80.35	78.3	51.5434	2.935788	45.52081	18.28471	27.23611	33.22739	4
1730.705	1730.195	1062.195	82.34	86.18	82.57	77.86	41.60914	5.956555	52.43431	22.41822	30.01608	32.17903	4
1730.71	1730.2	1062.2	91.59	39.57	91.33	83	48.17626	5.406157	46.41758	15.56526	30.85233	34.51994	4

1730.715	1730.205	1062.205	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1731	1730.49	1062.49	101.51	36.28	101.78	100.17	35.73854	15.97224	48.28922	24.97926	23.30996	31.68835	4
1731.005	1730.495	1062.495	108.81	43.4	108.08	109.86	35.0495	15.47151	49.47899	23.98808	25.49091	31.04369	4
1731.01	1730.5	1062.5	105.37	40.8	105.2	104.86	34.5035	16.92886	48.56764	27.83953	20.7281	31.27816	4
1731.015	1730.505	1062.505	98.92	43.99	98.9	98.77	38.50302	11.9949	49.50208	20.93626	28.56583	31.82606	4
1731.02	1730.51	1062.51	99.12	72.71	99.1	97.53	31.36878	14.10461	54.52661	26.54202	27.98459	31.42424	4
1731.025	1730.515	1062.515	102.87	63.78	104.04	105.9	20.85734	26.68002	52.46264	23.01188	29.45076	29.92029	4
1731.03	1730.52	1062.52	103.72	66.52	105.11	106.15	17.70726	30.10807	52.18467	39.78433	12.40034	29.89679	4
1731.035	1730.525	1062.525	95.17	51.68	95.02	95.68	41.09954	8.910466	49.98999	22.38908	27.60091	31.93721	4
1731.04	1730.53	1062.53	95.32	50.09	96.01	98.13	34.83632	13.49441	51.66927	23.9258	27.74347	31.02572	4
1731.045	1730.535	1062.535	92.76	54.19	92.5	93.66	43.56182	7.039748	49.39843	28.54363	20.85481	32.06272	4
1731.05	1730.54	1062.54	97.3	75.69	98.89	101.53	19.84452	22.77879	57.37669	45.53882	11.83787	30.23024	4
1731.055	1730.545	1062.545	95.18	122.62	97.71	103.37	3.15286	28.94336	67.90378	67.90378	0	-9999	4
1731.06	1730.55	1062.55	93.67	133.37	93.69	95.13	21.39306	14.29585	64.31109	49.12352	15.18757	30.41218	4
1731.065	1730.555	1062.555	91.58	127.1	90.06	90.8	36.7682	5.919381	57.31242	29.31448	27.99794	30.82879	4
1731.07	1730.56	1062.56	85.53	78.5	84.78	84.59	48.1279	3.648993	48.22311	29.59171	18.6314	32.25732	4
1731.075	1730.565	1062.565	82.74	62.19	82.09	87.71	53.86672	1.998739	44.13454	14.28204	29.8525	32.0699	4
1731.08	1730.57	1062.57	82.69	53.4	82.06	82.86	55.8849	1.446461	42.66864	14.57075	28.09789	33.42911	4
1731.085	1730.575	1062.575	83.31	40.41	82.96	82.29	56.28808	1.561529	42.15039	16.42532	25.72507	34.01782	4
1731.09	1730.58	1062.58	81.69	63.09	81	78.52	54.92492	1.65731	43.41777	21.11345	22.30432	33.65108	4
1731.095	1730.585	1062.585	80.75	50.67	80.69	80.72	53.91286	2.179853	43.90729	28.42764	15.47964	33.19781	4
1731.1	1730.59	1062.59	81.52	60.56	80.59	77.82	57.55358	0.817648	41.62877	21.96985	19.65892	34.17633	4
1731.105	1730.595	1062.595	82.92	60.18	82.19	79.43	54.80754	1.691375	43.50108	12.24565	31.25544	33.80961	4
1731.11	1730.6	1062.6	83.8	73.39	83.53	83.59	47.23612	4.195883	48.568	28.82827	19.73973	32.0872	4
1731.115	1730.605	1062.605	83.35	52.63	83.71	83.71	47.79154	4.504443	47.70402	28.08602	19.618	32.46594	4
1731.12	1730.61	1062.61	83.31	46.38	82.87	81.89	55.54084	1.703569	42.75559	29.67524	13.08035	33.85085	4
1731.125	1730.615	1062.615	82.05	49.83	81.49	81.29	56.79514	1.210164	41.9947	27.26541	14.72929	33.79091	4
1731.13	1730.62	1062.62	82.9	38.16	83.1	83.49	52.94728	2.858476	44.19424	16.97566	27.21859	33.29633	4
1731.135	1730.625	1062.625	83.93	40.14	84.42	87.7	49.27302	4.329818	46.39716	28.57882	17.81834	32.25427	4
1731.14	1730.63	1062.63	82.9	46.47	82.92	88.37	52.33126	2.895046	44.77369	29.24913	15.52457	32.13704	4
1731.145	1730.635	1062.635	79.9	41.75	79.35	79.2	60.651	0.093108	39.25589	26.14479	13.1111	34.50198	4
1731.15	1730.64	1062.64	77.98	42.35	77.54	77.67	61.4197	0	38.5803	12.63049	25.94981	34.32382	4
1731.155	1730.645	1062.645	76.92	36.43	76.31	77.24	65.14504	0	34.85496	17.19268	17.66228	33.58406	4
1731.16	1730.65	1062.65	75.6	28.96	75.41	76	64.91218	0	35.08782	9.078998	26.00882	33.72812	4
1731.165	1730.655	1062.655	75.21	37.73	75.15	75.17	62.14114	0	37.85886	18.69558	19.16328	34.10607	4
1731.17	1730.66	1062.66	76.15	35.46	75.75	74.71	64.46068	0	35.53932	18.79589	16.74343	34.03829	4
1731.175	1730.665	1062.665	77.73	32.03	77.86	78.21	59.72964	0.400084	39.87028	16.97714	22.89313	34.30108	4
1731.18	1730.67	1062.67	77.61	29.33	78.07	78.28	57.93594	0.925279	41.13878	19.57469	21.56409	34.05643	4
1731.185	1730.675	1062.675	77.31	32.67	77.28	78.08	61.20116	0	38.79884	21.25485	17.54399	34.40612	4
1731.19	1730.68	1062.68	77.79	46.03	77.67	75.49	58.22394	0.80271	40.97335	29.48723	11.48612	34.22956	4
1731.195	1730.685	1062.685	76.37	61.2	75.85	73.06	58.9592	0.613532	40.42727	17.62084	22.80643	34.07844	4
1731.2	1730.69	1062.69	77.19	76.75	76.61	73.61	54.9067	1.72365	43.36965	27.00907	16.36058	33.20295	4
1731.205	1730.695	1062.695	76.26	53.73	75.53	74.29	62.49564	0	37.50436	18.23007	19.27429	34.12363	4
1731.21	1730.7	1062.7	76.33	59.08	75.52	72.5	61.75654	0	38.24346	7.065795	31.17766	34.49984	4
1731.215	1730.705	1062.705	77.94	54.7	77.55	74.29	58.0803	0.828131	41.09157	20.81825	20.27332	34.24188	4
1731.22	1730.71	1062.71	77.19	50.24	77.55	75.86	54.03712	1.970101	43.99278	24.43233	19.56045	33.36555	4
1731.225	1730.715	1062.715	77.77	40.49	77.28	75.39	62.45052	0	37.54948	20.22582	17.32366	34.52405	4
1731.23	1730.72	1062.72	78.61	44	77.74	76.72	63.7733	0	36.2267	23.59707	12.62963	34.04675	4
1731.235	1730.725	1062.725	79.91	68.2	79.49	82.21	53.2334	2.197675	44.56892	17.12532	27.44361	32.23658	4
1731.24	1730.73	1062.73	78.67	70.99	78.69	78.54	50.28902	3.071172	46.63981	24.92562	21.71419	32.25937	4
1731.245	1730.735	1062.735	77.97	70.64	78.16	74.2	49.70022	3.218508	47.08127	28.31662	18.76465	32.8648	4
1731.25	1730.74	1062.74	78.26	68.15	79.27	78.47	43.681	5.085888	51.23311	26.38143	24.85168	31.76631	4
1731.255	1730.745	1062.745	77.48	58.85	77.91	76.93	51.1442	2.805107	46.05069	23.3309	22.71979	32.69265	4
1731.26	1730.75	1062.75	76.78	48.36	76.08	73.29	63.08428	0	36.91572	15.07111	21.84461	34.40223	4
1731.265	1730.755	1062.755	78.04	39.79	77.82	78.06	60.27902	0.227865	39.49312	19.40273	20.09039	34.28687	4
1731.27	1730.76	1062.76	78.49	34.53	78.41	78.3	60.05294	0.321828	39.62523	28.62662	10.99862	34.43624	4
1731.275	1730.765	1062.765	79.78	24.95	79.65	79.43	61.572	0	38.428	20.3902	18.0378	34.93147	4
1731.28	1730.77	1062.77	79.86	35.27	79.84	78.82	58.14846	0.945489	40.90605	23.05128	17.85477	34.31602	4
1731.285	1730.775	1062.775	80.21	52.52	79.46	77.31	59.30946	0.412175	40.27837	16.07074	24.20762	34.4362	4
1731.29	1730.78	1062.78	83.5	32.23	83.49	84.37	55.45784	2.08054	42.46162	16.35856	26.10306	33.72683	4
1731.295	1730.785	1062.785	84.6	23.76	84.72	84.9	55.48808	2.366935	42.14499	24.26709	17.8779	34.0371	4
1731.3	1730.79	1062.79	83.16	36.88	83.13	85.26	54.80034	2.202524	42.99714	25.30997	17.68717	33.2972	4
1731.305	1730.795	1062.795	79.71	40.37	79.02	78.18	62.24476	0	37.75524	20.80721	16.94803	34.42325	4
1731.31	1730.8	1062.8	78.59	31.35	78.14	75.59	63.598	0	36.402	22.38819	14.01381	34.66345	4
1731.315	1730.805	1062.805	75.88	37.89	75.04	72.89	67.53102	0	32.46898	19.68976	12.77922	33.78292	4
1731.32	1730.81	1062.81	75.88	35.37	75.75	75.41	62.63836	0	37.36164	8.131956	29.22968	34.18017	4
1731.325	1730.815	1062.815	72.78	44.28	72.45	71.1	64.88414	0	35.11586	15.18719	19.92867	33.76904	4
1731.33	1730.82	1062.82	71.21	47.43	70.48	67.67	68.66624	0	31.33376	18.90988	12.42388	33.68224	4
1731.335	1730.825	1062.825	72.02	44.36	71.65	70.88	65.87398	0	34.12602	8.877183	25.24884	33.52402	4
1731.34	1730.83	1062.83	70.73	73.85	72.31	76	44.8117	3.767057	51.42124	26.19539	25.22585	30.61393	4
1731.345	1730.835	1062.835	69.96	57.05	70.64	74.06	56.5607	0.932159	42.50714	13.89794	28.6092	32.27094	4
1731.35	1730.84	1062.84	73.15	59.64	73.29	73.06	57.18412	1.004919	41.81096	18.71438	23.09658	33.15502	4
1731.355	1730.845	1062.845	70.1	42.83	69.77	71.53	67.70064	0	32.29936	12.32293	19.97643	32.81448	4

1731.36	1730.85	1062.85	70.48	38.32	70.01	68.28	69.52746	0	30.47254	15.25588	15.21666	33.38129	4
1731.365	1730.855	1062.855	72.93	52.7	72.14	72.53	66.2735	0	33.7265	22.28928	11.43722	33.30025	4
1731.37	1730.86	1062.86	74.81	70.78	74.81	71.61	54.04604	1.916173	44.03779	29.10857	14.92921	33.09799	4
1731.375	1730.865	1062.865	73.7	65.77	72.5	71.67	65.57966	0	34.42034	18.89434	15.526	33.55343	4
1731.38	1730.87	1062.87	76.73	86.81	75.15	72.78	60.64538	0.283002	39.07162	21.54798	17.52364	33.78971	4
1731.385	1730.875	1062.875	76.82	77.01	75.97	75.29	57.27668	1.101025	41.6223	29.97356	11.64874	33.10866	4
1731.39	1730.88	1062.88	78.67	68.37	77.74	77.94	58.28556	0.716641	40.9978	16.86204	24.13576	33.41425	4
1731.395	1730.885	1062.885	82.06	84.69	81.5	79.7	48.34982	3.566138	48.08404	21.21698	26.86706	32.27372	4
1731.4	1730.89	1062.89	87.99	74.54	88.2	88.98	39.38302	7.752335	52.86464	31.91821	20.94644	31.36731	4
1731.405	1730.895	1062.895	91.39	105.86	91.98	92.94	25.73058	13.57017	60.69925	28.88304	31.81621	30.58869	4
1731.41	1730.9	1062.9	89.35	145.42	89.48	88.27	21.59886	12.96841	65.43273	44.03094	21.40179	30.68401	4
1731.415	1730.905	1062.905	82.38	123.15	83.41	79.1	26.4256	10.79894	62.77546	29.66344	33.11202	31.19055	4
1731.42	1730.91	1062.91	77.33	136.15	78.22	76.81	29.0106	9.014388	61.97501	28.54168	33.43334	30.1892	4
1731.425	1730.915	1062.915	71.89	90.39	72.14	63.35	50.04932	2.962102	46.98858	18.36838	28.6202	33.05398	4
1731.43	1730.92	1062.92	67.66	31.65	68.19	67.25	65.986	0	34.014	16.34507	17.66893	33.0702	4
1731.435	1730.925	1062.925	68.21	51.06	68.39	69.61	63.49528	0	36.50472	17.62065	18.88407	33.0397	4
1731.44	1730.93	1062.93	70.87	80.68	69.2	69.65	68.21754	0	31.78246	23.32253	8.459933	33.26169	4
1731.445	1730.935	1062.935	69.92	59.08	69.14	68.88	67.42124	0	32.57876	16.77574	15.80302	33.28698	4
1731.45	1730.94	1062.94	70	67.66	68.78	67.89	68.68128	0	31.31872	8.708473	22.61025	33.42121	4
1731.455	1730.945	1062.945	68.01	69.46	67.43	66.53	65.11648	0	34.88352	17.87589	17.00763	33.5201	4
1731.46	1730.95	1062.95	68.22	79.67	66.27	64.25	73.06996	0	26.93004	19.84386	7.086178	33.80699	4
1731.465	1730.955	1062.955	66.66	82.93	64.07	60.65	78.67624	0	21.32376	12.01117	9.312588	34.53736	4
1731.47	1730.96	1062.96	67.03	73.09	64.84	59.98	77.61712	0	22.38288	6.454606	15.92827	34.51405	4
1731.475	1730.965	1062.965	65.6	67.89	62.43	60.09	87.78612	0	12.21388	7.018287	5.195593	35.25249	4
1731.48	1730.97	1062.97	65.56	82.66	63.98	59.89	71.92608	0	28.07392	19.03002	9.043903	34.27796	4
1731.485	1730.975	1062.975	68.74	118.29	67.25	58.62	59.68052	1.72875	38.59073	26.86705	11.72368	33.43484	4
1731.49	1730.98	1062.98	67.83	83.63	67.47	62.19	60.14794	0.78316	39.0689	11.40255	27.66635	33.67414	4
1731.495	1730.985	1062.985	66.67	59.03	67.18	69.72	60.42584	0.069694	39.50447	11.51842	27.98604	32.8052	4
1731.5	1730.99	1062.99	69.09	65.49	69.8	71.57	55.08612	1.330674	43.58321	26.25161	17.3316	32.12353	4
1731.505	1730.995	1062.995	66.07	52.15	64.87	61.55	75.8953	0	24.1047	17.86659	6.238115	33.7723	4
1731.51	1731	1063	66.05	74.38	64.15	62.8	75.95904	0	24.04096	6.657768	17.38319	33.81806	4
1731.515	1731.005	1063.005	69.44	85.02	67.46	63.68	70.88536	0	29.11464	18.41376	10.70088	34.10504	4
1731.52	1731.01	1063.01	74.25	131.7	71.72	67.49	59.4261	1.418815	39.15508	11.0464	28.10868	32.72388	4
1731.525	1731.015	1063.015	66.37	103.36	64.28	60.72	70.12398	0	29.87602	5.748317	24.1277	34.49202	4
1731.53	1731.02	1063.02	67.09	84.18	64.67	62.45	76.66064	0	23.33936	22.65191	0.687447	34.15227	4
1731.535	1731.025	1063.025	68.17	68.69	66.73	64.78	71.82062	0	28.17938	19.72827	8.451112	33.61992	4
1731.54	1731.03	1063.03	68.51	47.45	67.43	64.94	73.8579	0	26.1421	22.47303	3.669072	33.49448	4
1731.545	1731.035	1063.035	69.29	58.32	67.29	65.71	77.63976	0	22.36024	8.808415	13.55182	33.56174	4
1731.55	1731.04	1063.04	70.66	62.05	68.48	64.63	76.8717	0	23.1283	16.06504	7.063264	33.89203	4
1731.555	1731.045	1063.045	68.05	42.29	66.33	63.88	80.48982	0	19.51018	10.72536	8.784825	33.75037	4
1731.56	1731.05	1063.05	67.29	32.24	66.2	66.02	78.73862	0	21.26138	6.66317	14.59821	33.06951	4
1731.565	1731.055	1063.055	68.58	38.05	66.61	65.03	82.9658	0	17.0342	5.056081	11.97812	33.71778	4
1731.57	1731.06	1063.06	68.56	53.71	66.31	65.53	81.36448	0	18.63552	17.47109	1.164433	33.6465	4
1731.575	1731.065	1063.065	67.75	33.61	66.27	65.53	81.00638	0	18.99362	11.14975	7.843868	33.35976	4
1731.58	1731.07	1063.07	67.07	17.3	66.57	66.8	77.984	0	22.016	9.245568	12.77043	32.73143	4
1731.585	1731.075	1063.075	67.64	20.9	66.87	65.82	78.6809	0	21.3191	6.650947	14.66815	33.08112	4
1731.59	1731.08	1063.08	69.97	30.37	68.58	67.45	79.05056	0	20.94944	7.643397	13.30604	33.23621	4
1731.595	1731.085	1063.085	72.69	67.45	70.32	68.22	75.1698	0	24.8302	5.586283	19.24392	33.37813	4
1731.6	1731.09	1063.09	74.97	71.76	72.65	70.41	71.64168	0	28.35832	10.31239	18.04593	33.22503	4
1731.605	1731.095	1063.095	76.92	52.62	76.22	74.65	61.92456	0	38.07544	13.69875	24.37669	34.30615	4
1731.61	1731.1	1063.1	74.68	78.48	74.78	75.56	51.52724	2.595186	45.87757	18.93981	26.93776	31.86738	4
1731.615	1731.105	1063.105	72.18	51.45	71.65	70.24	65.251	0	34.749	19.4808	15.2682	33.69727	4
1731.62	1731.11	1063.11	70.1	28.14	69.82	69.82	70.86812	0	29.13188	5.890186	23.24169	32.94619	4
1731.625	1731.115	1063.115	71.29	42.02	70.46	69.78	70.67686	0	29.32314	6.191156	23.13198	33.18629	4
1731.63	1731.12	1063.12	70.8	36.39	70.25	69.06	70.32012	0	29.67988	21.06642	8.613465	33.25801	4
1731.635	1731.125	1063.125	70.23	42.04	70.1	70.82	66.22222	0	33.77778	5.649741	28.12804	33.09109	4
1731.64	1731.13	1063.13	69.41	31.25	69.48	69.89	68.0378	0	31.9622	6.764897	25.1973	32.92765	4
1731.645	1731.135	1063.135	67.79	19.62	67.94	69.53	71.72266	0	28.27734	22.37098	5.906361	32.38086	4
1731.65	1731.14	1063.14	67.4	13.33	67.55	68	73.60364	0	26.39636	22.73574	3.660624	32.50263	4
1731.655	1731.145	1063.145	67.57	17.07	67.52	68.33	74.09216	0	25.90784	13.57197	12.33587	32.50272	4
1731.66	1731.15	1063.15	67.24	17.67	67.43	68.41	72.39056	0	27.60944	11.7243	15.88514	32.4201	4
1731.665	1731.155	1063.155	67.47	16.95	67.53	67.47	73.3607	0	26.6393	9.64293	16.99637	32.6394	4
1731.67	1731.16	1063.16	67.79	15.36	67.94	68.22	72.75358	0	27.24642	19.28208	7.964338	32.58384	4
1731.675	1731.165	1063.165	69.45	16.1	69.76	70.29	69.8073	0	30.1927	6.201003	23.9917	32.76009	4
1731.68	1731.17	1063.17	69.24	15.52	69.71	70.47	68.90086	0	31.09914	22.56799	8.531147	32.7218	4
1731.685	1731.175	1063.175	68.61	22.86	69.54	70.57	64.13918	0	35.86082	17.34853	18.51229	32.87871	4
1731.69	1731.18	1063.18	67.22	18.16	67.71	68.94	69.96538	0	30.03462	14.08212	15.9525	32.37545	4
1731.695	1731.185	1063.185	68.94	16.77	68.16	66.16	78.56186	0	21.43814	8.596718	12.84142	33.2465	4
1731.7	1731.19	1063.19	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1732.01	1731.5	1063.5	91.27	56.06	90.33	89.18	49.75008	3.443365	46.80656	29.33015	17.47641	33.26661	4
1732.015	1731.505	1063.505	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1732.02	1731.51	1063.51	95.6	41.91	95.54	96.92	42.37078	9.032134	48.59709	35.21683	13.38026	31.99724	4
1732.025	1731.515	1063.515	90.43	56.44	90.02	90.75	46.32342	5.317234	48.35935	20.05875	28.30059	32.3769	4

1732.03	1731.52	1063.52	84.03	42.35	82.94	82.94	60.8912	0	39.1088	21.69698	17.41182	34.42914	4
1732.035	1731.525	1063.525	81.73	31.2	80.41	79.18	67.488	0	32.512	11.78906	20.72294	33.55545	4
1732.04	1731.53	1063.53	87.78	69.51	87.05	85.41	48.07848	3.869574	48.05195	16.54495	31.507	32.76464	4
1732.045	1731.535	1063.535	93.45	46.58	93.76	92	40.35114	9.727717	49.92114	29.67902	20.24213	32.27788	4
1732.05	1731.54	1063.54	93.53	56.22	93.5	91.06	40.57966	8.749091	50.67125	25.18889	25.48236	32.37941	4
1732.055	1731.545	1063.545	91.18	48.47	90.3	87.59	51.20466	3.147927	45.64741	31.07882	14.5686	33.85465	4
1732.06	1731.55	1063.55	89.12	39.54	88.37	88.89	54.25342	2.267771	43.47881	27.84296	15.63585	33.75993	4
1732.065	1731.555	1063.555	90.35	45.58	89.69	88.47	50.96264	3.522787	45.51457	16.04032	29.47425	33.52165	4
1732.07	1731.56	1063.56	89.74	52.48	88.45	87.37	54.73654	1.287567	43.97589	27.71025	16.26565	34.03639	4
1732.075	1731.565	1063.565	87.91	70.87	86.46	86.77	53.20976	1.470476	45.31976	22.78453	22.53524	33.15515	4
1732.08	1731.57	1063.57	87.5	48.51	87.06	87.21	51.17058	3.379238	45.45018	14.7061	30.74409	33.12313	4
1732.085	1731.575	1063.575	88	41.31	87.15	87.27	55.63048	1.614207	42.75531	12.36246	30.39285	33.99715	4
1732.09	1731.58	1063.58	89.73	31.25	89.03	88.94	55.3109	2.140094	42.54901	29.26496	13.28404	34.1919	4
1732.095	1731.585	1063.585	89.7	24.91	89.47	88.45	53.23028	3.569213	43.20051	31.41624	11.78426	34.04706	4
1732.1	1731.59	1063.59	90.45	28	90.02	89.09	53.3425	3.324286	43.33321	28.86429	14.46892	34.05188	4
1732.105	1731.595	1063.595	91.77	36.69	91.46	90	49.09512	5.086297	45.81858	19.36208	26.4565	33.41122	4
1732.11	1731.6	1063.6	95.63	75.6	94.96	95.27	38.9177	8.047993	53.03431	29.25213	23.78217	31.67803	4
1732.115	1731.605	1063.605	96.85	72.47	96.3	93.15	37.62276	9.202506	53.17473	27.7744	25.40034	32.23765	4
1732.12	1731.61	1063.61	99.28	63.27	99.69	98.39	30.17356	16.45893	53.36751	35.19102	18.1765	31.23609	4
1732.125	1731.615	1063.615	98.96	70.13	98.83	100.53	32.99284	13.08473	53.92243	38.55375	15.36869	30.94187	4
1732.13	1731.62	1063.62	95.95	64.5	95.05	92.88	43.092	6.244932	50.66307	19.63007	31.033	32.69481	4
1732.135	1731.625	1063.625	97.24	59.38	96.24	99.39	43.91924	5.992459	50.0883	29.90086	20.18744	31.91344	4
1732.14	1731.63	1063.63	91.56	72.95	90.25	92.69	48.2634	3.132911	48.60369	16.25292	32.35077	32.23941	4
1732.145	1731.635	1063.635	96.73	56.7	96.26	102.8	40.9295	8.515509	50.55499	34.09637	16.45862	30.85484	4
1732.15	1731.64	1063.64	95.99	80.14	95.97	96.54	32.45032	12.11488	55.4348	32.52423	22.91058	31.06348	4
1732.155	1731.645	1063.645	94.9	83.62	92.86	90.06	48.26596	1.437437	50.2966	31.25696	19.03965	33.40206	4
1732.16	1731.65	1063.65	90.15	96.47	88.43	86.18	47.04626	2.715565	50.23817	29.84991	20.38826	32.5852	4
1732.165	1731.655	1063.655	88.18	93.45	86.28	84.87	50.9845	1.497098	47.5184	14.12865	33.38976	32.84684	4
1732.17	1731.66	1063.66	89.89	52.37	88.53	87.91	55.16766	1.054192	43.77815	24.3471	19.43105	34.04224	4
1732.175	1731.665	1063.665	85.25	76.44	86.4	87.73	34.15902	9.677026	56.16395	22.33674	33.82721	30.88839	4
1732.18	1731.67	1063.67	83.48	87.5	84.15	76.44	36.8309	7.865197	55.3039	25.06628	30.23762	32.46493	4
1732.185	1731.675	1063.675	86.78	62.12	88.26	88.75	33.65936	10.94521	55.39543	22.0162	33.37924	31.21186	4
1732.19	1731.68	1063.68	85.49	55.24	85.77	85.31	45.81112	5.423529	48.76535	25.72215	23.0432	32.35406	4
1732.195	1731.685	1063.685	82.05	50.36	81.29	76.65	58.21688	0.708653	41.07447	13.67755	27.39692	34.84396	4
1732.2	1731.69	1063.69	78.46	41.85	77.08	75.8	68.3841	0	31.6159	9.051579	22.56432	33.35986	4
1732.205	1731.695	1063.695	76.88	42.15	76.23	75.84	64.1076	0	35.8924	23.94725	11.94515	33.88652	4
1732.21	1731.7	1063.7	78.23	40.17	78.02	78.44	59.93476	0.329108	39.73613	24.17741	15.55872	34.1849	4
1732.215	1731.705	1063.705	79.13	54.07	79.04	80.12	54.81296	1.8117	43.37534	30.9455	12.42984	32.98407	4
1732.22	1731.71	1063.71	79.34	95.52	77.94	78.35	54.74136	1.613849	43.64479	12.45712	31.18767	32.31569	4
1732.225	1731.715	1063.715	78.12	79.97	77.56	78.19	53.11686	2.201582	44.68156	27.97263	16.70893	32.26423	4
1732.23	1731.72	1063.72	78.41	41.9	78.28	78.65	58.7305	0.680265	40.58923	17.04119	23.54804	33.95271	4
1732.235	1731.725	1063.725	79.76	56.46	78.22	77.16	64.89248	0	35.10752	22.07124	13.03628	33.47281	4
1732.24	1731.73	1063.73	82.48	76.53	80.36	76.16	62.02814	0	37.97186	23.85025	14.12161	33.6824	4
1732.245	1731.735	1063.735	82.78	73.3	81.55	80.02	55.6363	1.166642	43.19706	11.47883	31.71823	33.47633	4
1732.25	1731.74	1063.74	86.75	52.75	86.34	87.41	50.602	3.470283	45.92772	29.34817	16.57954	32.77453	4
1732.255	1731.745	1063.745	85.33	49.41	85.06	85.96	51.63168	3.152993	45.21533	21.09745	24.11788	32.93381	4
1732.26	1731.75	1063.75	86.79	48.69	85.77	84.26	56.27522	1.140714	42.58407	17.52174	25.06233	34.24168	4
1732.265	1731.755	1063.755	85.17	63.78	84.17	79.72	53.95884	1.76551	44.27565	12.32139	31.95426	34.06087	4
1732.27	1731.76	1063.76	83.59	84.69	83.1	79.42	46.39972	4.235668	49.36461	23.60983	25.75478	32.48601	4
1732.275	1731.765	1063.765	84.11	106.26	84.39	75.02	34.73388	8.220992	57.04513	23.03319	34.01194	32.43168	4
1732.28	1731.77	1063.77	80.43	90.16	80.14	73.8	46.43318	4.154343	49.41248	16.14571	33.26677	32.71154	4
1732.285	1731.775	1063.775	79.19	77.05	79.22	75.05	48.2666	3.669721	48.06368	20.9585	27.10518	32.67454	4
1732.29	1731.78	1063.78	78.78	49.85	78.47	76.39	57.8612	0.906406	41.23239	28.33727	12.89513	34.12081	4
1732.295	1731.785	1063.785	77.85	75.3	76.98	74.57	56.8979	1.148744	41.95336	14.83229	27.12106	33.46352	4
1732.3	1731.79	1063.79	77.71	65.89	77.4	74.11	54.96392	1.700425	43.33566	21.68479	21.65087	33.50493	4
1732.305	1731.795	1063.795	78.32	51.36	78.4	77.29	54.89648	1.775809	43.32771	16.57991	26.7478	33.4096	4
1732.31	1731.8	1063.8	77.55	74.15	76.89	73.88	55.8247	1.458709	42.71659	12.66403	30.05256	33.40854	4
1732.315	1731.805	1063.805	75.5	46.32	75.05	73.5	62.81806	0	37.18194	13.91931	23.26263	34.19353	4
1732.32	1731.81	1063.81	75.09	30.48	74.43	72.86	68.65604	0	31.34396	16.53084	14.81312	33.61067	4
1732.325	1731.815	1063.815	76.71	44.22	76.71	75.45	58.72556	0.635473	40.63897	22.78647	17.8525	34.11323	4
1732.33	1731.82	1063.82	73.9	40.2	73.62	71.44	64.4536	0	35.5464	17.71671	17.82969	34.05416	4
1732.335	1731.825	1063.825	72.84	31.6	72.08	70.57	71.23	0	28.77	8.915453	19.85455	33.33748	4
1732.34	1731.83	1063.83	76.54	40.5	75.17	73.8	70.3997	0	29.6003	5.569612	24.03069	33.26233	4
1732.345	1731.835	1063.835	72.95	37.87	72.35	70.39	68.37146	0	31.62854	21.94278	9.685756	33.59218	4
1732.35	1731.84	1063.84	70.84	42.58	70.07	68.66	70.49034	0	29.50966	21.4719	8.03776	33.31218	4
1732.355	1731.845	1063.845	73.97	45.19	73.31	72.8	66.12662	0	33.87338	8.644955	25.22843	33.52822	4
1732.36	1731.85	1063.85	75.86	50.66	75.36	75.44	61.82408	0	38.17592	17.54191	20.63401	34.01018	4
1732.365	1731.855	1063.855	72.99	91.49	72.39	68.12	55.35862	1.823804	42.81758	24.21707	18.6005	32.90467	4
1732.37	1731.86	1063.86	70.8	99.52	70.51	67.47	53.02766	2.467085	44.50525	18.79195	25.7133	32.04573	4
1732.375	1731.865	1063.865	75.13	108.06	75.51	75.94	41.78488	5.269077	52.94604	35.35183	17.59422	30.47996	4
1732.38	1731.87	1063.87	77.06	101.06	76.48	68.14	49.14328	3.335141	47.52158	33.48297	14.0386	32.94578	4
1732.385	1731.875	1063.875	82.31	156.87	81.79	70	30.34226	8.621385	61.03636	25.23197	35.80439	31.93373	4
1732.39	1731.88	1063.88	81.54	135.84	80.11	71.89	43.19242	4.627961	52.17962	32.5722	19.60742	32.02257	4

1732.395	1731.885	1063.885	79.13	108.39	75.74	71.76	67.24252	0	32.75748	14.24374	18.51374	32.72843	4
1732.4	1731.89	1063.89	76	42.92	74.82	73.18	68.83836	0	31.16164	24.0588	7.102843	33.46942	4
1732.405	1731.895	1063.895	78.9	74.18	76.72	73.56	66.35544	0	33.64456	17.60559	16.03897	33.33222	4
1732.41	1731.9	1063.9	77.33	46.85	76.06	73.24	67.3612	0	32.6388	14.53177	18.10703	33.76258	4
1732.415	1731.905	1063.905	75.71	30.24	75.31	75.24	66.12872	0	33.87128	19.54973	14.32155	33.65988	1
1732.42	1731.91	1063.91	74.67	19.89	74.73	74.33	66.02522	0	33.97478	22.76584	11.20894	33.7797	1
1732.425	1731.915	1063.915	71.93	23.07	72.67	73.47	62.50646	0	37.49354	21.06869	16.42485	33.60588	1
1732.43	1731.92	1063.92	68.27	28.73	69.27	71.53	62.48894	0	37.51106	14.61593	22.89513	32.74636	1
1732.435	1731.925	1063.925	63.86	14.58	63.94	65.22	77.10044	0	22.89956	9.392379	13.50718	32.1871	1
1732.44	1731.93	1063.93	62.29	12.11	62.41	61.88	78.83258	0	21.16742	9.753678	11.41374	32.47707	1
1732.445	1731.935	1063.935	62.97	10.99	63.1	64	78.40052	0	21.59948	13.37463	8.224846	32.21059	1
1732.45	1731.94	1063.94	63.02	20.36	63.21	63.39	75.62198	0	24.37802	16.40815	7.969866	32.31697	1
1732.455	1731.945	1063.945	60.18	23.52	59.81	58.45	81.81006	0	18.18994	14.30479	3.885155	33.10922	1
1732.46	1731.95	1063.95	57.98	26.92	57.39	56.51	84.71626	0	15.28374	7.202104	8.081636	33.44612	1
1732.465	1731.955	1063.955	57.05	18.52	56.48	55.33	87.44966	0	12.55034	8.788095	3.762245	33.69013	1
1732.47	1731.96	1063.96	61.83	27.4	61.08	59.8	82.2981	0	17.7019	13.80281	3.899085	33.35876	1
1732.475	1731.965	1063.965	63.84	41.64	62.84	59.74	78.94032	0	21.05968	8.123572	12.93611	33.71295	1
1732.48	1731.97	1063.97	59.12	23.35	58.46	57.44	85.0739	0	14.9261	11.8635	3.062601	33.49047	1
1732.485	1731.975	1063.975	59.05	31.95	58.23	53.92	84.2971	0	15.7029	10.78279	4.92011	34.21816	1
1732.49	1731.98	1063.98	65.43	55.93	63.35	61.98	82.38934	0	17.61066	9.539744	8.070916	34.06186	1
1732.495	1731.985	1063.985	59.89	35.03	59.42	57.5	80.06644	0	19.93356	3.493034	16.44053	33.27421	1
1732.5	1731.99	1063.99	53.09	29.52	52.84	52.45	85.95086	0	14.04914	13.65438	0.394764	33.35646	1
1732.505	1731.995	1063.995	54.16	22.89	54.5	56.22	81.99842	0	18.00158	15.69313	2.308454	32.04778	1
1732.51	1732	1064	55.59	29.55	55.43	54.68	82.9461	0	17.0539	7.211698	9.842202	33.02885	1
1732.515	1732.005	1064.005	58.62	29.05	59	60.27	76.0945	0	23.9055	10.39471	13.51079	31.93185	1
1732.52	1732.01	1064.01	58.44	27.79	58.55	59.09	78.65752	0	21.34248	6.792076	14.5504	32.31568	1
1732.525	1732.015	1064.015	59.13	59.22	58.42	56.89	76.77166	0	23.22834	7.225642	16.0027	33.44805	1
1732.53	1732.02	1064.02	55.55	45.02	54.49	53.62	86.21416	0	13.78584	13.78584	0	34.2139	1
1732.535	1732.025	1064.025	57.68	37.31	56.51	55.51	86.97288	0	13.02712	3.525589	9.501531	34.21152	1
1732.54	1732.03	1064.03	56.42	37.11	55.74	56.27	84.38298	0	15.61702	14.48055	1.136472	33.36654	1
1732.545	1732.035	1064.035	53.98	40.37	52.8	52.27	89.71386	0	10.28614	10.28614	0	34.6899	1
1732.55	1732.04	1064.04	55.38	30.36	54.55	54.11	88.13578	0	11.86422	7.373711	4.490509	34.01248	1
1732.555	1732.045	1064.045	57.96	30.8	57.41	56.57	83.4857	0	16.5143	5.040334	11.47397	33.34492	1
1732.56	1732.05	1064.05	63.36	30.58	62.71	60.78	79.34594	0	20.65406	10.18978	10.46428	33.27585	4
1732.565	1732.055	1064.055	69.81	77.72	68.23	66.69	69.21156	0	30.78844	11.35443	19.43401	33.60763	4
1732.57	1732.06	1064.06	77.77	80.31	76.43	75	59.40158	0.473723	40.1247	24.3818	15.74289	33.59672	4
1732.575	1732.065	1064.065	81.31	101.44	80.4	79.77	47.69882	3.578753	48.72243	16.12568	32.59674	31.63419	4
1732.58	1732.07	1064.07	81.39	75.08	81.48	83.24	46.25434	4.450601	49.29506	27.4046	21.89046	31.51109	4
1732.585	1732.075	1064.075	82.7	106.76	83.75	86	29.94258	9.922175	60.13525	31.11543	29.01981	30.17182	4
1732.59	1732.08	1064.08	77.08	204.84	80.26	74.69	0	19.04723	80.95277	80.95277	0	-9999	4
1732.595	1732.085	1064.085	74.54	156.48	74.44	68.91	34.33004	7.441761	58.2282	29.28101	28.94719	30.31684	4
1732.6	1732.09	1064.09	68.33	80.16	67.68	65.18	62.77518	0.232997	36.99182	24.52864	12.46318	33.72905	4
1732.605	1732.095	1064.095	63.4	41.21	62.7	62.04	77.12418	0	22.87582	14.50108	8.374742	33.06677	4
1732.61	1732.1	1064.1	62.38	31.55	62.54	63.33	73.7353	0	26.2647	15.18153	11.08317	32.25365	4
1732.615	1732.105	1064.105	65.45	43.08	64.04	62.94	80.28814	0	19.71186	12.35369	7.358173	33.52783	4
1732.62	1732.11	1064.11	64.81	41.9	63.65	62.1	79.225	0	20.775	13.35531	7.419691	33.48077	4
1732.625	1732.115	1064.115	72.74	147.68	69.31	66.09	63.92314	1.107196	34.96966	24.98261	9.987057	32.82668	4
1732.63	1732.12	1064.12	73.31	103.53	71.57	69.82	60.98554	0.766592	38.24787	24.62669	13.62117	33.08628	4
1732.635	1732.125	1064.125	72.96	111.56	72.21	67.71	51.69178	2.917464	45.39076	26.40514	18.98561	32.02186	4
1732.64	1732.13	1064.13	71.22	102.32	69.2	64.5	65.37116	0.096676	34.53216	24.31721	10.21495	34.3257	4
1732.645	1732.135	1064.135	71.72	87.16	68.36	65.59	78.96488	0	21.03512	15.55741	5.477705	33.84149	4
1732.65	1732.14	1064.14	73.54	65.04	72.26	69.59	66.52352	0	33.47648	5.277867	28.19861	33.8011	4
1732.655	1732.145	1064.145	75.58	83.37	76.53	67.76	42.92836	4.922436	52.1492	31.98783	20.16138	32.77337	4
1732.66	1732.15	1064.15	71.48	68.82	71.1	69	60.52896	0.379649	39.09139	16.67212	22.41927	33.73192	4
1732.665	1732.155	1064.155	69.95	37.06	69.73	70.24	68.38248	0	31.61752	24.10173	7.515787	32.96339	4
1732.67	1732.16	1064.16	71.62	49	70.94	70.72	67.5216	0	32.4784	17.2207	15.2577	33.27364	4
1732.675	1732.165	1064.165	72.96	60.37	72.65	72.65	60.66976	0.217356	39.11288	14.34621	24.76667	33.65424	4
1732.68	1732.17	1064.17	73.32	73.32	72.47	72.06	61.38966	0.225374	38.38497	10.94134	27.44363	33.59415	4
1732.685	1732.175	1064.175	72.19	37.12	71.83	70.85	67.39216	0	32.60784	13.51366	19.09418	33.44678	4
1732.69	1732.18	1064.18	70.26	38.06	69.88	69.22	69.09528	0	30.90472	7.850062	23.05466	33.17544	4
1732.695	1732.185	1064.185	67.13	55.49	65.02	64.08	81.16432	0	18.83568	18.83568	0	33.76433	4
1732.7	1732.19	1064.19	70.97	64.65	69.4	67.67	71.2298	0	28.7702	17.81047	10.95973	33.46144	4
1732.705	1732.195	1064.195	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1733.005	1732.495	1064.495	97.03	71.93	95.83	94.78	42.62534	5.623724	51.75094	30.58527	21.16567	32.46003	4
1733.01	1732.5	1064.5	89.43	103.14	88.12	83.1	42.91702	4.543494	52.53949	26.5296	26.00988	32.48122	4
1733.015	1732.505	1064.505	90.82	83.01	90.37	94.84	39.84468	7.129399	53.02592	35.0782	17.94772	30.7292	4
1733.02	1732.51	1064.51	91.27	65.41	91	89.47	42.29488	6.936514	50.76861	32.6339	18.1347	32.25402	4
1733.025	1732.515	1064.515	91.17	57.26	91.08	91.94	42.96418	7.115378	49.92044	18.65006	31.27038	31.95246	4
1733.03	1732.52	1064.52	90.29	91.01	89.64	86.46	39.94628	6.604582	53.44914	28.88447	24.56467	32.04793	4
1733.035	1732.525	1064.525	89.77	89.07	88.41	84.84	46.39666	3.498426	50.10491	32.74625	17.35867	32.79186	4
1733.04	1732.53	1064.53	90.78	80.79	89.45	86.19	47.23872	3.344195	49.41709	27.41741	21.99967	33.00695	4
1733.045	1732.535	1064.535	87.95	66.82	86.53	84.15	53.92056	1.310616	44.76882	22.44418	22.32464	33.81833	4
1733.05	1732.54	1064.54	86.36	67.14	84.9	84.04	55.61592	0.83717	43.54691	13.23395	30.31296	33.70506	4

1733.055	1732.545	1064.545	84.94	67.53	83.7	81.04	55.12294	1.228161	43.6489	29.80845	13.84045	33.84194	4
1733.06	1732.55	1064.55	84.45	62.08	83.21	79.24	56.89264	0.747264	42.3601	25.92546	16.43463	34.44071	4
1733.065	1732.555	1064.555	83.77	54.39	82.78	80.27	57.44172	0.791321	41.76696	29.63296	12.134	34.3463	4
1733.07	1732.56	1064.56	84.61	47.52	84.05	80.82	54.99896	1.852615	43.14842	20.62411	22.52432	34.21275	4
1733.075	1732.565	1064.565	84.2	52.88	83.24	79.83	57.17904	0.889005	41.93195	18.0116	23.92035	34.5176	4
1733.08	1732.57	1064.57	84.96	64.68	83.58	81	56.87924	0.619365	42.50139	11.78364	30.71776	34.17786	4
1733.085	1732.575	1064.575	84.3	72.86	83.42	83.08	51.63188	2.501718	45.8664	17.86549	28.00091	32.74406	4
1733.09	1732.58	1064.58	85.42	85.53	83.94	82.13	52.18534	1.819766	45.99489	29.02601	16.96888	32.97804	4
1733.095	1732.585	1064.585	86.19	88.16	84.49	81.25	52.54548	1.462209	45.99231	23.49919	22.49313	33.31776	4
1733.1	1732.59	1064.59	84.86	86.68	82.84	81.82	56.60724	0.204667	43.18809	10.98831	32.19979	33.48342	4
1733.105	1732.595	1064.595	85.23	80.69	83.31	81.15	56.94142	0.139264	42.91932	18.91165	24.00766	33.88141	4
1733.11	1732.6	1064.6	85.68	68.02	84.08	79.78	57.11356	0.3209	42.56554	25.6402	16.92534	34.5417	4
1733.115	1732.605	1064.605	85.45	69.71	84.08	82.02	55.13368	1.095111	43.77121	25.17918	18.59203	33.73617	4
1733.12	1732.61	1064.61	86.06	77.24	84.79	85.13	51.97522	2.056963	45.96782	13.80403	32.16379	32.72124	4
1733.125	1732.615	1064.615	86.39	84.58	84.99	84.39	50.90284	2.213518	46.88364	29.87558	17.00806	32.65501	4
1733.13	1732.62	1064.62	86.54	111.28	83.91	80.47	53.83594	0.184021	45.98004	25.26828	20.71176	33.23928	4
1733.135	1732.625	1064.625	86.01	114.05	83.02	79.72	56.4432	0	43.5568	22.46293	21.09387	32.57052	4
1733.14	1732.63	1064.63	87.58	142.17	85.45	84.73	41.52876	3.930129	54.54111	27.59976	26.94135	30.9062	4
1733.145	1732.635	1064.635	87.56	214.64	84.37	79.96	32.22442	5.425227	62.35035	34.90479	27.44556	30.09759	4
1733.15	1732.64	1064.64	89.95	235.14	85.5	81.02	34.82962	2.383192	62.78719	23.17273	39.61446	30.20194	4
1733.155	1732.645	1064.645	91.27	215.22	87.88	82.49	30.22086	4.500747	65.27839	34.8757	30.4027	30.70952	4
1733.16	1732.65	1064.65	91.86	242.64	87.75	81.53	28.62242	3.584142	67.79344	42.85854	24.9349	30.6112	4
1733.165	1732.655	1064.655	93.25	249.17	88.65	83.91	29.56086	1.764079	68.67506	29.80216	38.8729	30.49628	4
1733.17	1732.66	1064.66	92.99	209.58	87.94	84.04	42.86834	0	57.13166	23.056	34.07566	27.9933	4
1733.175	1732.665	1064.665	92.17	241.14	88.08	82.53	28.54522	3.483039	67.97174	32.9468	35.02494	30.5528	4
1733.18	1732.67	1064.67	90.86	303.32	87.12	79.52	11.99036	9.225417	78.78422	66.05038	12.73384	30.9312	4
1733.185	1732.675	1064.675	88.13	320.53	83.21	69.76	19.48214	7.225158	73.2927	56.07	17.2227	30.62612	4
1733.19	1732.68	1064.68	85.8	249.94	85.45	67.94	3.29102	16.61085	80.09813	72.55317	7.54496	-9999	4
1733.195	1732.685	1064.685	81.68	176.88	83.24	67.61	9.95944	15.60632	74.43424	57.52609	16.90815	33.82947	4
1733.2	1732.69	1064.69	80.1	101.46	81.19	70.69	33.30718	8.364392	58.32843	40.65628	17.67215	32.54871	4
1733.205	1732.695	1064.695	76.45	91.35	75.41	69.86	55.6193	1.617125	42.76357	14.74497	28.0186	33.41113	4
1733.21	1732.7	1064.7	69.19	36.93	68.06	65.52	76.16564	0	23.83436	23.30552	0.528843	33.44137	4
1733.215	1732.705	1064.705	73.67	94	71.89	65.31	63.2706	0.088724	36.64068	12.94519	23.69549	34.644	4
1733.22	1732.71	1064.71	75.5	55.96	74.57	71.29	64.20518	0	35.79482	12.06575	23.72907	34.19549	4
1733.225	1732.715	1064.715	78.59	74.3	78.69	78.76	48.9416	3.456928	47.60147	29.99105	17.61042	31.97879	4
1733.23	1732.72	1064.72	73.77	54.82	72.75	71.21	66.77016	0	33.22984	24.69213	8.537705	33.59598	4
1733.235	1732.725	1064.725	72.73	62.3	71.04	67.74	71.1093	0	28.8907	7.2453	21.6454	33.65748	4
1733.24	1732.73	1064.73	77.92	104.67	74.99	71.05	65.69096	0	34.30904	12.18712	22.12192	33.29264	4
1733.245	1732.735	1064.735	72.78	69.36	71.87	69.02	63.30978	0	36.69022	22.07331	14.61691	34.13487	4
1733.25	1732.74	1064.74	70.06	57.64	69.53	67.45	65.70342	0	34.29658	24.24576	10.05082	33.69073	4
1733.255	1732.745	1064.745	70	102.88	69.17	64.5	57.13554	1.748706	41.11575	19.01845	22.09731	32.75926	4
1733.26	1732.75	1064.75	67.83	117.08	65.17	60.17	69.87804	0.130986	29.99097	14.17633	15.81464	34.69914	8
1733.265	1732.755	1064.755	67.34	59.11	65.82	66.94	75.52258	0	24.47742	19.59926	4.87816	33.02855	8
1733.27	1732.76	1064.76	65.75	30.83	65.2	64.78	76.31164	0	23.68836	14.49197	9.19639	32.87237	8
1733.275	1732.765	1064.765	64.69	18.06	64.39	64.65	78.43968	0	21.56032	5.162703	16.39762	32.60709	8
1733.28	1732.77	1064.77	63.17	19.7	63.12	64.14	77.5037	0	22.4963	12.44561	10.05069	32.30369	8
1733.285	1732.775	1064.775	62.24	36.64	61.89	61.66	76.58482	0	23.41518	17.64623	5.768954	32.76269	8
1733.29	1732.78	1064.78	69.31	85.01	69.39	70.31	55.04238	1.758966	43.19865	14.24145	28.95721	31.81114	8
1733.295	1732.785	1064.785	74.75	104.48	75.39	76.25	40.98584	5.429063	53.5851	33.13431	20.45079	30.40782	8
1733.3	1732.79	1064.79	75.08	117.22	77.22	79.15	25.97416	9.546698	64.47914	28.83627	35.64288	29.97618	8
1733.305	1732.795	1064.795	76.71	120.15	78.98	81.19	22.758	10.87114	66.37086	38.75626	27.6146	30.09047	8
1733.31	1732.8	1064.8	77.97	102.92	78.67	77.18	37.93596	6.578149	55.48589	24.26652	31.21937	30.88798	8
1733.315	1732.805	1064.805	101.7639	89.67466	99.21088	96.23978	44.4621	0	55.5379	18.50537	37.03253	33.54748	8
1733.32	1732.81	1064.81	95.3342	35.72714	94.86123	94.86123	47.31213	6.228842	46.45903	24.00522	22.45381	32.9867	8
1733.325	1732.815	1064.815	95.47453	42.50929	94.33582	92.67951	50.70122	3.295758	46.00303	25.10667	20.89636	33.86162	8
1733.33	1732.82	1064.82	97.63358	50.61142	97.2015	96.54595	41.27771	8.915334	49.80696	27.73002	22.07694	32.25395	8
1733.335	1732.825	1064.825	103.2922	78.56458	102.5776	99.4153	31.49642	13.01193	55.49164	23.85072	31.64092	31.82514	8
1733.34	1732.83	1064.83	94.66858	48.7182	94.33	91.68028	43.73906	7.406153	48.85478	22.11475	26.74004	32.86529	8
1733.345	1732.835	1064.835	92.95414	45.77082	93.39316	94.68093	40.00328	9.945567	50.05115	32.88242	17.16873	31.66532	8
1733.35	1732.84	1064.84	94.46732	42.42583	93.74563	93.68672	48.41609	4.932722	46.65119	32.39769	14.2535	33.11204	8
1733.355	1732.845	1064.845	94.09362	47.50287	93.44602	90.56125	46.95709	5.452021	47.59089	34.03723	13.55366	33.35694	8
1733.36	1732.85	1064.85	92.42741	35.83707	92.04723	91.44772	49.2406	5.061482	45.69792	26.344	19.35391	33.29707	8
1733.365	1732.855	1064.855	91.99826	38.14038	91.76634	91.25902	47.92898	5.657706	46.41331	32.81717	13.59614	33.04142	8
1733.37	1732.86	1064.86	89.1341	51.65739	88.3265	88.38317	51.75448	2.871832	45.37369	27.21789	18.1558	33.2712	8
1733.375	1732.865	1064.865	89.41486	33.8177	89.70817	91.17467	47.28136	6.133726	46.58491	14.36676	32.21815	32.54356	8
1733.38	1732.87	1064.87	66.46	28.47	66.7	65.94	70.10706	0	29.89294	22.37978	7.513157	32.76304	8
1733.385	1732.875	1064.875	67.35	29.18	67.05	67.69	73.30144	0	26.69856	16.30716	10.3914	32.62734	8
1733.39	1732.88	1064.88	69.79	30.32	69.22	68.5	72.87326	0	27.12674	4.953244	22.1735	33.02582	8
1733.395	1732.885	1064.885	70.36	29.48	69.93	68.76	71.46714	0	28.53286	21.21131	7.321552	33.15414	8
1733.4	1732.89	1064.89	71.75	33.23	71.49	71.12	67.96334	0	32.03666	21.42214	10.61452	33.26114	8
1733.405	1732.895	1064.895	71.26	41.19	70.65	67.94	69.20032	0	30.79968	18.83545	11.96423	33.60448	8
1733.41	1732.9	1064.9	70.82	66.01	69.39	68.06	69.95368	0	30.04632	13.28314	16.76318	33.42465	8
1733.415	1732.905	1064.905	72.53	233.5	67.82	67.12	53.2679	5.107323	41.62478	16.37791	25.24687	28.60381	1

1733.42	1732.91	1064.91	73.26	223.25	68.41	66.91	56.1618	4.119564	39.71864	20.57245	19.14618	29.45701	1
1733.425	1732.915	1064.915	73.49	152.98	70.1	69.57	61.64054	1.493081	36.86638	25.72704	11.13934	31.84592	1
1733.43	1732.92	1064.92	73.29	92.41	71.53	70.76	63.84998	0	36.15002	16.98788	19.16214	33.66253	1
1733.435	1732.925	1064.925	74.35	55.7	72.72	71.17	70.7511	0	29.2489	10.45494	18.79396	33.26077	1
1733.44	1732.93	1064.93	74.74	34.48	74.37	74.29	65.76254	0	34.23746	11.0843	23.15316	33.59808	1
1733.445	1732.935	1064.935	76.86	64.81	75.49	72.84	64.22228	0	35.77772	21.75374	14.02398	33.92835	1
1733.45	1732.94	1064.94	78.27	77.91	77.69	75.87	53.63238	2.054018	44.3136	26.93666	17.37694	32.82735	1
1733.455	1732.945	1064.945	78.36	53.38	77.54	76.39	61.34584	0	38.65416	22.22538	16.42878	34.31963	1
1733.46	1732.95	1064.95	78.34	68.06	77.55	75.35	57.57918	0.937907	41.48291	11.54151	29.94141	33.70338	1
1733.465	1732.955	1064.955	79.04	95.94	77.83	77.91	53.44322	2.020229	44.53655	29.39295	15.1436	32.14821	1
1733.47	1732.96	1064.96	82.61	144.88	81.97	84.43	33.89784	7.570378	58.53178	27.68603	30.84575	29.52909	1
1733.475	1732.965	1064.965	85.24	129.08	85.03	87.16	31.96934	8.688687	59.34197	30.67885	28.66312	29.95012	1
1733.48	1732.97	1064.97	83.63	108.72	83.45	80.65	38.14516	6.786768	55.06807	23.98133	31.08674	31.28762	1
1733.485	1732.975	1064.975	77.89	101.79	80.15	78.27	26.19302	10.26059	63.54639	43.60249	19.9439	31.01299	1
1733.49	1732.98	1064.98	81.09	79.67	81.26	80.59	44.79956	4.863607	50.33683	20.17971	30.15713	31.72086	1
1733.495	1732.985	1064.985	76.04	77.76	75.8	76	53.08528	2.222797	44.69192	19.32539	25.36654	32.24712	1
1733.5	1732.99	1064.99	75.86	113.88	73.11	68.61	63.96234	0	36.03766	8.084476	27.95318	33.95803	1
1733.505	1732.995	1064.995	72.58	97.38	69.34	66.33	74.77044	0	25.22956	12.70688	12.52268	33.69062	1
1733.51	1733	1065	74.43	65.81	73.37	70.23	63.81338	0	36.18662	8.137259	28.04936	34.14233	1
1733.515	1733.005	1065.005	77.72	60.78	76.88	71.96	60.29884	0.206575	39.49459	12.40981	27.08478	34.78709	1
1733.52	1733.01	1065.01	70.22	86.76	68.23	65.68	69.82418	0	30.17582	20.75451	9.421306	33.83872	1
1733.525	1733.015	1065.015	63.52	43.51	62.7	60.89	77.38718	0	22.61282	13.75183	8.860993	33.35016	1
1733.53	1733.02	1065.02	60.88	17.54	61.43	62.51	75.48322	0	24.51678	16.98669	7.53009	31.83742	1
1733.535	1733.025	1065.025	60.53	11.16	60.49	60.51	81.92168	0	18.07832	18.07832	0	32.55548	1
1733.54	1733.03	1065.03	62.02	14.04	61.63	61.33	82.56642	0	17.43358	17.43358	0	32.88602	1
1733.545	1733.035	1065.035	64.6	32.29	63.96	63.15	77.71382	0	22.28618	21.06953	1.216647	33.0081	1
1733.55	1733.04	1065.04	61.49	21.43	60.98	60.39	82.19564	0	17.80436	4.996301	12.80806	33.0393	1
1733.555	1733.045	1065.045	61.11	66.99	59.39	58.39	80.89722	0	19.10278	7.884018	11.21876	34.14538	1
1733.56	1733.05	1065.05	62.85	95.32	60.25	58.92	79.26056	0	20.73944	15.45868	5.280764	34.72666	1
1733.565	1733.055	1065.055	67.3	155.84	62.98	59.05	73.85072	0.889232	25.26005	18.40216	6.857885	34.41965	1
1733.57	1733.06	1065.06	67.64	135.79	65.98	56.33	57.77502	2.604412	39.62057	13.49723	26.12333	32.79209	1
1733.575	1733.065	1065.065	67.62	89.44	68.53	65.53	49.09262	2.8804	48.02698	30.64637	17.38061	31.66074	1
1733.58	1733.07	1065.07	71.36	93.95	72.52	71.65	42.6229	4.609064	52.76804	19.54299	33.22505	30.87955	1
1733.585	1733.075	1065.075	71.55	123.29	73.57	60.72	28.68282	8.178873	63.13831	42.92444	20.21387	32.35185	2
1733.59	1733.08	1065.08	72.59	119.89	74.57	72.57	28.85882	8.292251	62.84893	26.68691	36.16201	30.44953	2
1733.595	1733.085	1065.085	74.76	83.45	75.8	74.78	42.9659	4.817203	52.2169	25.96304	26.25385	31.30124	2
1733.6	1733.09	1065.09	77.85	75.9	79.31	79.41	38.6952	6.514142	54.79066	25.98052	28.81013	31.12693	2
1733.605	1733.095	1065.095	78.79	52.21	79.82	81.06	46.89588	4.287463	48.81666	24.85884	23.95782	31.96543	2
1733.61	1733.1	1065.1	81.3	50.9	81.93	83.76	48.0037	4.255732	47.74057	17.72745	30.01311	32.08413	2
1733.615	1733.105	1065.105	78	48.01	77.31	76.29	61.96908	0	38.03092	8.59294	29.43798	34.28358	2
1733.62	1733.11	1065.11	73.74	43.66	74.16	75.47	58.33848	0.595697	41.06582	11.97633	29.08949	33.41594	2
1733.625	1733.115	1065.115	73.8	31.05	73.74	73.33	65.0549	0	34.9451	20.97283	13.97227	33.70374	2
1733.63	1733.12	1065.12	74.96	51.2	73.35	71.35	71.1239	0	28.8761	22.62911	6.246995	33.29998	2
1733.635	1733.125	1065.125	72.97	66.78	71.35	70.35	69.26184	0	30.73816	22.91485	7.823309	33.30866	2
1733.64	1733.13	1065.13	73.31	88.26	71.59	70.83	64.52588	0	35.47412	23.28333	12.19079	33.59529	2
1733.645	1733.135	1065.135	74.42	110.16	73.1	71.29	55.10488	2.053264	42.84186	25.78677	17.05509	32.08929	2
1733.65	1733.14	1065.14	78.16	183.28	76.29	70.29	38.23154	6.366234	55.40223	38.49846	16.90377	30.15023	2
1733.655	1733.145	1065.145	81.11	186.76	84.56	78.67	0	21.62233	78.37767	78.37767	0	-9999	2
1733.66	1733.15	1065.15	83.52	179.54	88.54	91.32	0	29.11368	70.88632	70.88632	0	-9999	2
1733.665	1733.155	1065.155	85.04	120.84	87.33	88.04	14.77242	16.5496	68.67798	40.73682	27.94116	31.0263	2
1733.67	1733.16	1065.16	86.97	72.64	87.02	85.3	42.02122	6.519173	51.45961	22.279	29.1806	32.01658	2
1733.675	1733.165	1065.165	87.52	90.81	87.35	85.88	38.82308	7.213172	53.96375	30.81734	23.14641	31.5112	2
1733.68	1733.17	1065.17	86.83	71.45	86.96	84.06	41.818	6.655137	51.52686	31.29818	20.22868	32.22617	2
1733.685	1733.175	1065.175	85.77	42	85.68	84.06	51.6251	3.42327	44.95163	32.01189	12.93974	33.51061	2
1733.69	1733.18	1065.18	86.32	27.29	86.43	85.47	53.12892	3.357623	43.51346	20.10783	23.40562	33.84636	2
1733.695	1733.185	1065.185	88.58	50.36	87.68	86.27	53.29428	2.241735	44.46398	14.86754	29.59644	33.77682	2
1733.7	1733.19	1065.19	87.44	35.62	87.14	86.69	53.26016	2.984508	43.75533	30.89046	12.86488	33.71351	2
1733.705	1733.195	1065.195	77.81	60.6	79.11	81	43.6746	5.077574	51.24783	27.56948	23.67835	31.37461	2
1733.71	1733.2	1065.2	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1734.015	1733.505	1065.505	86.94	81.27	85.81	86.43	49.10536	3.014328	47.88031	33.44708	14.43324	32.2589	-9999
1734.02	1733.51	1065.51	82.22	83.87	80.9	77.18	54.29106	1.527169	44.18177	27.05873	17.12304	33.42674	-9999
1734.025	1733.515	1065.515	78.76	51.4	77.86	76.29	62.077	0	37.923	21.8139	16.1091	34.28543	-9999
1734.03	1733.52	1065.52	79.44	68.42	78.1	77.04	60.74256	0	39.25744	20.0324	19.22504	34.03642	-9999
1734.035	1733.525	1065.525	80.56	99.19	78.71	74.88	56.21832	0.99146	42.79022	27.09157	15.69865	33.33784	-9999
1734.04	1733.53	1065.53	79.16	95	78.03	74.73	52.9403	2.159424	44.90028	14.18233	30.71795	32.7248	-9999
1734.045	1733.535	1065.535	76.87	59.16	76.42	73.17	58.45038	0.735724	40.8139	12.63865	28.17524	34.12435	-9999
1734.05	1733.54	1065.54	76.61	70.74	75.98	73.76	57.28222	1.085504	41.63228	17.78668	23.8456	33.48627	-9999
1734.055	1733.545	1065.545	77.12	84.28	75.41	71.94	61.90634	0	38.09366	23.36613	14.72753	34.15161	-9999
1734.06	1733.55	1065.55	76.42	77.61	75.15	73	60.75448	0.229618	39.0159	27.15936	11.85654	33.916	-9999
1734.065	1733.555	1065.555	79.46	103.32	76.61	72.53	63.98086	0	36.01914	23.67727	12.34187	33.21899	-9999
1734.07	1733.56	1065.56	78.66	104.15	76.87	73	56.301	1.246556	42.45244	19.92873	22.52372	33.10335	-9999
1734.075	1733.565	1065.565	78.34	155.78	75.91	71.83	49.06094	3.368014	47.57105	27.9445	19.62654	31.11282	-9999
1734.08	1733.57	1065.57	80.24	225.73	75.41	70.16	48.98504	3.0948	47.92016	27.4969	20.42326	30.07768	-9999

1734.085	1733.575	1065.575	80.56	321.77	74.77	67.37	32.88896	7.613297	59.49774	23.97411	35.52363	27.72831	-9999
1734.09	1733.58	1065.58	72.52	148.99	71.74	69.31	43.27102	5.320503	51.40848	18.91945	32.48903	30.02528	-9999
1734.095	1733.585	1065.585	72.21	167.03	71.33	67.68	39.96554	6.325148	53.70931	22.34777	31.36154	29.66848	-9999
1734.1	1733.59	1065.59	71.77	136.11	71.81	69.49	40.72298	5.667849	53.60917	20.87534	32.73383	30.12633	-9999
1734.105	1733.595	1065.595	70.14	161.87	69.41	62.11	41.95616	5.897443	52.1464	29.64418	22.50221	30.39506	-9999
1734.11	1733.6	1065.6	73.36	241.45	71.69	58.33	27.0204	10.19622	62.78338	32.11075	30.67263	29.98776	-9999
1734.115	1733.605	1065.605	68.33	153.71	64.58	58.62	69.00108	1.310718	29.6882	9.985814	19.70239	33.79247	5
1734.12	1733.61	1065.61	63.99	119.56	61.26	55.55	73.35318	0.189689	26.45713	5.72947	20.72766	35.25229	5
1734.125	1733.615	1065.615	63.94	96.95	62.74	58.74	67.0133	0.220544	32.76616	8.586083	24.18007	34.07986	5
1734.13	1733.62	1065.62	60.96	85.67	59.15	54.96	77.21216	0	22.78784	19.39128	3.396562	34.79344	5
1734.135	1733.625	1065.625	62.85	134.4	59.15	54.92	78.3282	0.306592	21.36521	21.36521	0	35.79773	5
1734.14	1733.63	1065.63	62.86	171.77	59.06	57.25	70.05046	2.740504	27.20904	23.34101	3.868028	32.26376	5
1734.145	1733.635	1065.635	64.32	177.01	59.77	57.6	73.25168	2.333016	24.4153	17.2717	7.1436	33.08334	5
1734.15	1733.64	1065.64	59.51	72.22	57.82	57.15	80.87106	0	19.12894	8.960047	10.16889	34.22341	5
1734.155	1733.645	1065.645	58.38	76.77	58.26	60.51	68.64206	0	31.35794	9.792156	21.56578	32.48562	5
1734.16	1733.65	1065.65	58.07	33.09	58.63	59.68	74.22782	0	25.77218	8.262788	17.50939	31.82507	5
1734.165	1733.655	1065.655	57.89	20.04	58.4	60.22	77.93902	0	22.06098	14.01787	8.043109	31.68953	5
1734.17	1733.66	1065.66	60.11	44.14	59.56	59.98	78.27942	0	21.72058	3.570646	18.14993	32.87137	5
1734.175	1733.665	1065.665	59.05	14.38	58.9	58.92	83.35654	0	16.64346	3.109151	13.53431	32.73105	5
1734.18	1733.67	1065.67	57.76	11.19	57.58	57.72	85.54782	0	14.45218	14.45218	0	32.88619	5
1734.185	1733.675	1065.675	56.88	19.62	56.42	56.62	86.48736	0	13.51264	13.51264	0	33.25974	5
1734.19	1733.68	1065.68	56.68	18.4	56.08	55.57	88.0516	0	11.9484	11.9484	0	33.65441	5
1734.195	1733.685	1065.685	56.16	19.83	55.86	54.44	85.85894	0	14.14106	3.10125	11.03981	33.39326	5
1734.2	1733.69	1065.69	56.36	19.13	55.9	55.39	87.08434	0	12.91566	11.55376	1.361895	33.45943	5
1734.205	1733.695	1065.695	57.31	27	56.38	54.09	87.9483	0	12.0517	12.0517	0	34.27958	5
1734.21	1733.7	1065.7	54.5	19.41	53.92	52.66	89.65778	0	10.34222	10.34222	0	34.04859	5
1734.215	1733.705	1065.705	55.23	15.19	55.11	55.15	86.44242	0	13.55758	13.55758	0	33.01051	5
1734.22	1733.71	1065.71	56.13	30.64	55.6	54.86	85.05302	0	14.94698	6.428989	8.517991	33.47572	5
1734.225	1733.715	1065.715	59	11.08	59.24	59.66	81.17864	0	18.82136	3.608116	15.21324	32.23133	5
1734.23	1733.72	1065.72	62.81	22.87	62.61	63.39	78.23026	0	21.76974	16.0081	5.761636	32.44569	5
1734.235	1733.725	1065.725	65.25	43.44	64.59	65.19	74.57252	0	25.42748	12.00482	13.42266	32.77214	5
1734.24	1733.73	1065.73	67.47	52.19	66.05	63.85	76.30262	0	23.69738	18.2375	5.459885	33.56649	5
1734.245	1733.735	1065.735	66.58	77.36	65	64.1	72.27028	0	27.72972	11.42845	16.30127	33.56758	5
1734.25	1733.74	1065.74	65.46	63.36	64.8	64.19	69.55868	0	30.44132	6.558085	23.88324	33.18495	5
1734.255	1733.745	1065.745	67.17	20.71	67.03	66	74.27678	0	25.72322	14.85949	10.86373	32.83397	5
1734.26	1733.75	1065.75	62.46	56.46	61.15	58.55	79.02598	0	20.97402	14.89955	6.074474	33.9303	5
1734.265	1733.755	1065.755	61.35	39.87	60.51	57.86	80.41946	0	19.58054	5.953244	13.6273	33.64843	5
1734.27	1733.76	1065.76	63.18	28.76	62.78	62	78.01448	0	21.98552	21.22901	0.756509	32.86886	5
1734.275	1733.765	1065.765	67	16.38	66.64	65.27	77.18604	0	22.81396	12.9477	9.86626	32.94354	5
1734.28	1733.77	1065.77	65.37	20.67	64.8	64.62	79.27496	0	20.72504	9.438016	11.28702	32.83691	5
1734.285	1733.775	1065.775	63.72	56.82	63.61	61.89	68.47966	0	31.52034	14.37749	17.14285	33.13473	5
1734.29	1733.78	1065.78	60.24	60.42	59.08	56.82	78.94756	0	21.05244	19.44323	1.609209	33.91335	5
1734.295	1733.785	1065.785	61.28	96.79	58.82	56.8	79.26422	0	20.73578	10.19351	10.54227	34.95771	5
1734.3	1733.79	1065.79	61.39	58.02	59.68	57.61	82.73286	0	17.26714	9.72847	7.53867	34.34954	5
1734.305	1733.795	1065.795	60.67	44.53	59.49	57.39	82.55234	0	17.44766	3.704338	13.74332	33.94306	5
1734.31	1733.8	1065.8	63.15	41.94	63.23	63.15	71.13252	0	28.86748	15.3684	13.49908	32.55808	5
1734.315	1733.805	1065.805	61.08	52.64	61	60.16	71.68752	0	28.31248	14.18376	14.12872	32.79565	5
1734.32	1733.81	1065.81	61.67	48.82	60.96	59.66	76.95166	0	23.04834	20.32559	2.722754	33.25139	5
1734.325	1733.815	1065.815	61.08	59.17	59.9	57.55	78.63226	0	21.36774	7.758298	13.60944	33.87944	5
1734.33	1733.82	1065.82	61.3	46.11	59.68	57.22	85.00038	0	14.99962	10.97523	4.02439	34.4467	5
1734.335	1733.825	1065.825	64.09	34.31	63.1	62.57	80.40668	0	19.59332	7.70877	11.88455	33.22208	5
1734.34	1733.83	1065.83	64.73	39.03	64	62.51	76.66064	0	23.33936	20.78691	2.552447	33.18277	5
1734.345	1733.835	1065.835	63.59	28.16	64.05	63.98	71.11748	0	28.88252	22.14463	6.73789	32.32384	5
1734.35	1733.84	1065.84	61.23	45.12	60	58.68	82.28186	0	17.71814	4.513365	13.20478	33.78971	5
1734.355	1733.845	1065.845	59.65	51.21	58.36	57.68	82.72668	0	17.27332	16.62367	0.649651	33.87368	5
1734.36	1733.85	1065.85	58.42	31.59	57.87	57.22	82.87132	0	17.12868	17.12868	0	33.24482	5
1734.365	1733.855	1065.855	58.95	26.04	59.02	58.86	78.92182	0	21.07818	14.33945	6.738735	32.45737	5
1734.37	1733.86	1065.86	60.12	37.35	59.89	59.39	77.4334	0	22.5666	8.274353	14.29225	32.75562	5
1734.375	1733.865	1065.865	58.32	20.43	58.06	57.66	83.41654	0	16.58346	4.92237	11.66109	32.94059	5
1734.38	1733.87	1065.87	57.17	34.27	56.47	56.62	84.53526	0	15.46474	15.25164	0.213101	33.39625	5
1734.385	1733.875	1065.875	58.86	23.42	58.68	58.27	81.57616	0	18.42384	13.67325	4.750594	32.78478	5
1734.39	1733.88	1065.88	58.65	18.97	58.41	57.83	83.31126	0	16.68874	12.2405	4.448236	32.93703	5
1734.395	1733.885	1065.885	59.56	25.68	59	59.15	83.33024	0	16.66976	9.709936	6.959824	33.06254	5
1734.4	1733.89	1065.89	56.98	49.12	56.77	57.62	77.31886	0	22.68114	18.2655	4.415639	32.60766	5
1734.405	1733.895	1065.895	61	24.91	60.61	60.89	80.87428	0	19.12572	19.12572	0	32.75486	5
1734.41	1733.9	1065.9	63.33	18.11	63.21	62.8	78.28378	0	21.71622	9.865428	11.85079	32.60654	5
1734.415	1733.905	1065.905	62.8	19.68	63.02	63.39	75.75644	0	24.24356	6.049962	18.1936	32.2386	5
1734.42	1733.91	1065.91	60.99	19.83	61.11	61.05	78.16034	0	21.83966	10.50162	11.33804	32.36652	5
1734.425	1733.915	1065.915	62.96	23.99	62.55	62.98	79.44872	0	20.55128	11.16012	9.391161	32.66566	5
1734.43	1733.92	1065.92	64.18	25.61	64.43	64.92	72.81928	0	27.18072	13.20722	13.9735	32.30144	5
1734.435	1733.925	1065.925	60.83	44.57	60.04	58.89	79.37296	0	20.62704	5.933547	14.69349	33.34109	5
1734.44	1733.93	1065.93	61.11	43.04	60.92	61.45	74.83562	0	25.16438	16.04265	9.121729	32.53451	5
1734.445	1733.935	1065.935	61.87	29.23	61.88	61.86	75.92844	0	24.07156	15.4896	8.581962	32.45249	5

1734.45	1733.94	1065.94	61.36	30.39	61.63	62.05	74.10192	0	25.89808	20.81631	5.081771	32.2044	5
1734.455	1733.945	1065.945	64.49	28.69	64.16	63.68	76.28372	0	23.71628	9.133597	14.58268	32.75715	5
1734.46	1733.95	1065.95	62.87	68.83	61.58	58.04	75.50024	0	24.49976	20.41064	4.089121	34.0652	5
1734.465	1733.955	1065.955	62.92	45.85	62.15	61.22	76.9854	0	23.0146	5.553717	17.46088	33.17113	5
1734.47	1733.96	1065.96	61.96	41.04	62.1	62.62	71.98012	0	28.01988	19.43581	8.584071	32.35681	5
1734.475	1733.965	1065.965	64.3	15.74	64.64	64.86	74.39992	0	25.60008	18.93626	6.663824	32.2585	5
1734.48	1733.97	1065.97	63.96	23.02	64.27	64.44	73.18346	0	26.81654	18.67564	8.140896	32.30512	5
1734.485	1733.975	1065.975	62.63	68.18	62.72	66.09	65.18334	0	34.81666	7.283374	27.53329	32.29705	5
1734.49	1733.98	1065.98	62.02	95.77	62.74	66.86	54.18526	1.923044	43.8917	22.68422	21.20747	30.39147	5
1734.495	1733.985	1065.985	64	75.86	65.13	66.5	54.00438	1.42258	44.57304	24.14011	20.43293	31.50176	5
1734.5	1733.99	1065.99	60.62	76.02	61.84	64.21	56.37776	0.855217	42.76702	18.63013	24.13689	31.41994	10
1734.505	1733.995	1065.995	59.82	94.78	60.48	61.33	56.91384	1.43921	41.64695	29.48345	12.1635	31.22994	10
1734.51	1734	1066	66.43	141.25	65.67	65.51	50.5919	3.965782	45.44232	28.9413	16.50102	29.92527	10
1734.515	1734.005	1066.005	72.19	158.25	71.14	73.89	43.4262	5.454726	51.11907	31.09391	20.02516	28.83932	10
1734.52	1734.01	1066.01	73.22	136.81	71.92	69.96	49.60458	3.733156	46.66226	25.25656	21.40571	30.75999	10
1734.525	1734.015	1066.015	75.21	147.26	74.37	71.84	41.67988	5.55994	52.76018	27.81686	24.94331	30.17691	10
1734.53	1734.02	1066.02	76.57	160.86	76.65	78.39	30.00748	8.638483	61.35404	28.14195	33.21209	29.03053	10
1734.535	1734.025	1066.025	77.34	132.04	77.67	80.8	34.33602	7.474165	58.18982	30.87092	27.31889	29.35403	10
1734.54	1734.03	1066.03	77.91	107.68	78.07	79.27	41.02424	5.631069	53.34469	31.74188	21.60282	30.42566	10
1734.545	1734.035	1066.035	78.38	124.48	78.98	80.8	33.11624	7.952759	58.931	34.51342	24.41758	29.78182	10
1734.55	1734.04	1066.04	79.07	133.88	79.39	82.11	32.37664	8.166888	59.45647	24.86307	34.5934	29.46898	10
1734.555	1734.045	1066.045	80.83	100.9	81.05	81.04	39.5136	6.331837	54.15456	36.82745	17.32711	30.8326	10
1734.56	1734.05	1066.05	82.03	102.54	82.46	84.62	36.38522	7.499654	56.11513	28.54758	27.56755	30.31661	10
1734.565	1734.055	1066.055	82.2	125.25	82.2	83.11	34.0655	7.889875	58.04463	22.88207	35.16256	30.11564	10
1734.57	1734.06	1066.06	82.07	105.7	81.43	80.8	43.8762	4.771464	51.35234	20.5865	30.76584	31.22602	10
1734.575	1734.065	1066.065	83.02	95.65	82.05	81.17	47.9918	3.44343	48.56477	29.44144	19.12333	31.9095	10
1734.58	1734.07	1066.07	81.33	75.49	80.07	77.13	56.67282	0.94392	42.38326	12.81002	29.57324	33.7448	10
1734.585	1734.075	1066.075	81.07	64.11	80.57	79.37	53.77598	2.048963	44.17506	21.19458	22.98047	33.15257	10
1734.59	1734.08	1066.08	79.9	43.99	80.07	80.41	54.52892	2.022789	43.44829	26.71002	16.73827	33.28206	10
1734.595	1734.085	1066.085	79.7	45.81	79.67	79.78	55.82248	1.579973	42.59755	28.96256	13.63499	33.48406	10
1734.6	1734.09	1066.09	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1735.07	1734.56	1066.56	89.1809	35.964	89.00838	90.86009	50.58731	4.287709	45.12499	29.78785	15.33713	32.91411	11
1735.075	1734.565	1066.565	88.84295	64.20525	88.87737	87.72997	42.46005	6.832976	50.70698	16.86041	33.84656	32.10664	11
1735.08	1734.57	1066.57	83.63	85.02271	83.12701	82.36694	46.38305	4.233111	49.38383	20.40919	28.97465	31.9177	11
1735.085	1734.575	1066.575	87.32694	140.4917	86.52984	86.42736	31.83767	8.266633	59.8957	42.45076	17.44494	30.30012	11
1735.09	1734.58	1066.58	70.57798	130.6078	71.45659	73.83399	36.65196	6.379852	56.96819	22.21728	34.75091	29.20781	11
1735.095	1734.585	1066.585	78.46827	143.2004	80.3151	80.90173	18.84181	12.32709	68.8311	47.98166	20.84944	30.2925	11
1735.1	1734.59	1066.59	81.38104	179.7671	84.20823	85.79852	0	19.42585	80.57415	80.57415	0	-9999	11
1735.105	1734.595	1066.595	80.3	178.0954	81.78195	83.71398	11.53976	14.69626	73.76398	49.29079	24.47319	30.30399	11
1735.11	1734.6	1066.6	81.85	193.1779	83.30053	81.59533	6.707304	16.48159	76.81111	66.01972	10.79139	-9999	11
1735.115	1734.605	1066.605	82.85774	149.2293	83.45888	84.80589	22.99852	11.52135	65.48013	39.70328	25.77684	29.86031	11
1735.12	1734.61	1066.61	71.87	154.5988	73.94458	73.61098	20.38874	10.51984	69.09143	34.39606	34.69536	29.91902	11
1735.125	1734.615	1066.615	97.59576	163.5328	98.14811	99.20021	6.356209	22.47703	71.16676	60.94456	10.2222	-9999	11
1735.13	1734.62	1066.62	120.2984	186.4949	121.1544	120.6214	0	70.98376	29.01624	29.01624	0	-9999	11
1735.135	1734.625	1066.625	119.2283	192.7451	121.5295	122.7847	0	95.81687	4.183129	4.183129	0	-9999	11
1735.14	1734.63	1066.63	127.8661	161.0163	127.8993	125.4945	0	76.71464	23.28536	23.28536	0	-9999	11
1735.145	1734.635	1066.635	123.9554	141.0609	125.3131	128.2247	0	93.20495	6.795054	6.795054	0	-9999	11
1735.15	1734.64	1066.64	124.67	150.457	125.2113	123.3415	0	77.15085	22.84915	22.84915	0	-9999	11
1735.155	1734.645	1066.645	125.2529	175.8115	126.1238	124.7927	0	89.30423	10.69577	10.69577	0	-9999	11
1735.16	1734.65	1066.65	117.608	188.2921	118.6798	118.3118	0	66.46964	33.53036	33.53036	0	-9999	11
1735.165	1734.655	1066.655	113.3815	146.9191	113.4288	112.1832	0	37.89847	62.10153	62.10153	0	-9999	11
1735.17	1734.66	1066.66	114.3558	180.7929	114.6564	117.4405	0	45.54866	54.45134	54.45134	0	-9999	11
1735.175	1734.665	1066.665	116.7262	156.8121	116.2159	114.3977	0	36.44956	63.55044	63.55044	0	-9999	11
1735.18	1734.67	1066.67	111.0762	125.1126	110.576	108.3251	11.40921	26.09286	62.49792	54.40762	8.090306	31.03668	11
1735.185	1734.675	1066.675	115.87	137.181	115.8382	113.8191	0.448233	40.81661	58.73515	58.73515	0	-9999	11
1735.19	1734.68	1066.68	117.1419	154.7157	117.2378	115.9282	0	46.6494	53.3506	53.3506	0	-9999	11
1735.195	1734.685	1066.685	117.208	150.8646	118.3744	114.9393	0	64.33081	35.66919	35.66919	0	-9999	11
1735.2	1734.69	1066.69	118.286	155.9517	119.1039	121.8782	0	61.89189	38.10811	38.10811	0	-9999	11
1735.205	1734.695	1066.695	115.3283	151.6476	116.0424	118.7403	0	51.86049	48.13951	48.13951	0	-9999	11
1735.21	1734.7	1066.7	114.2858	136.1703	115.3291	117.1785	0	53.08105	46.91895	46.91895	0	-9999	11
1735.215	1734.705	1066.705	117.76	121.9262	118.2242	122.4019	0	52.00806	47.99194	47.99194	0	-9999	11
1735.22	1734.71	1066.71	117.382	178.9248	118.0374	118.1972	0	58.08059	41.91941	41.91941	0	-9999	11
1735.225	1734.715	1066.715	121.7287	208.7689	122.865	124.0824	0	83.35849	16.64151	16.64151	0	-9999	11
1735.23	1734.72	1066.72	118.1301	196.8747	118.2423	118.5627	0	52.01102	47.98898	47.98898	0	-9999	11
1735.235	1734.725	1066.725	121.9687	197.4975	121.5302	121.3515	0	50.77721	49.22279	49.22279	0	-9999	11
1735.24	1734.73	1066.73	123.319	225.1549	123.4496	124.7717	0	68.16465	31.83535	31.83535	0	-9999	11
1735.245	1734.735	1066.735	126.8361	227.8805	127.2988	131.5123	0	88.85494	11.14506	11.14506	0	-9999	11
1735.25	1734.74	1066.74	127.2562	215.7771	128.1333	130.4335	0	100	0	0	0	-9999	11
1735.255	1734.745	1066.745	126.1059	188.986	126.6004	128.3146	0	84.12731	15.87269	15.87269	0	-9999	11
1735.26	1734.75	1066.75	127.0792	203.9914	127.7902	128.3192	0	94.98424	5.015761	5.015761	0	-9999	11
1735.265	1734.755	1066.755	126.9187	198.0181	127.8604	127.2822	0	100	0	0	0	-9999	11
1735.27	1734.76	1066.76	126.9296	203.3269	127.6898	129.3756	0	95.61373	4.386268	4.386268	0	-9999	11
1735.275	1734.765	1066.765	125.7529	243.643	126.5432	125.506	0	93.96972	6.030277	6.030277	0	-9999	11

1735.28	1734.77	1066.77	127.1131	221.3632	127.8411	127.2951	0	96.77415	3.22585	3.22585	0	-9999	11
1735.285	1734.775	1066.775	124.8728	201.9983	125.037	130.3228	0	72.32619	27.67381	27.67381	0	-9999	11
1735.29	1734.78	1066.78	124.2527	205.8398	123.958	126.3487	0	60.07245	39.92755	39.92755	0	-9999	11
1735.295	1734.785	1066.785	130.1436	254.4412	131.6979	134.3552	0	100	0	0	0	-9999	11
1735.3	1734.79	1066.79	127.0261	227.7258	128.3488	131.7382	0	100	0	0	0	-9999	11
1735.305	1734.795	1066.795	128.99	202.076	129.7726	134.3514	0	100	0	0	0	-9999	11
1735.31	1734.8	1066.8	123.1863	204.9708	123.17	124.41	0	63.20008	36.79992	36.79992	0	-9999	11
1735.315	1734.805	1066.805	124.1291	192.1205	124.8493	125.7495	0	82.16497	17.83503	17.83503	0	-9999	11
1735.32	1734.81	1066.81	120.6577	205.8858	120.9488	122.3236	0	62.37287	37.62713	37.62713	0	-9999	11
1735.325	1734.815	1066.815	121.5487	232.247	121.354	121.9219	0	56.98066	43.01934	43.01934	0	-9999	11
1735.33	1734.82	1066.82	120.9624	203.152	121.9659	120.8005	0	77.35434	22.64566	22.64566	0	-9999	11
1735.335	1734.825	1066.825	121.7825	213.5856	122.9029	124.2668	0	83.55138	16.44862	16.44862	0	-9999	11
1735.34	1734.83	1066.83	123.5227	214.3396	124.3721	129.8442	0	84.32758	15.67242	15.67242	0	-9999	11
1735.345	1734.835	1066.835	116.77	226.4879	118.4767	119.003	0	77.23645	22.76355	22.76355	0	-9999	11
1735.35	1734.84	1066.84	118.0241	181.4553	118.8091	122.1734	0	62.26721	37.73279	37.73279	0	-9999	11
1735.355	1734.845	1066.845	120.7824	197.5737	121.7692	124.5356	0	75.99724	24.00276	24.00276	0	-9999	11
1735.36	1734.85	1066.85	118.7221	209.1216	118.433	118.6418	0	47.3018	52.6982	52.6982	0	-9999	11
1735.365	1734.855	1066.855	120.3	257.3963	121.2854	125.3401	0	78.32316	21.67684	21.67684	0	-9999	11
1735.37	1734.86	1066.86	117.332	176.4961	117.8274	121.1839	0	55.11447	44.88553	44.88553	0	-9999	11
1735.375	1734.865	1066.865	116.2482	153.4751	116.7895	114.4649	0	51.58253	48.41747	48.41747	0	-9999	11
1735.38	1734.87	1066.87	113.8858	169.5871	114.77	116.712	0	52.03203	47.96797	47.96797	0	-9999	11
1735.385	1734.875	1066.875	109.0557	185.4566	111.0662	112.8255	0	55.65353	44.34647	44.34647	0	-9999	11
1735.39	1734.88	1066.88	107.25	158.771	108.807	109.2078	0	44.58441	55.41559	55.41559	0	-9999	11
1735.395	1734.885	1066.885	112.51	145.7629	113.0127	112.0387	0	42.16518	57.83482	57.83482	0	-9999	11
1735.4	1734.89	1066.89	118.7461	193.9551	119.7422	121.0596	0	69.08229	30.91771	30.91771	0	-9999	11
1735.405	1734.895	1066.895	119.9	196.8755	119.8677	121.4161	0	53.66807	46.33193	46.33193	0	-9999	11
1735.41	1734.9	1066.9	115.2383	200.0691	115.508	111.9852	0	48.259	51.741	51.741	0	-9999	11
1735.415	1734.905	1066.905	109.119	215.853	109.6622	114.5671	0	41.05466	58.94534	58.94534	0	-9999	11
1735.42	1734.91	1066.91	122.7883	286.8343	122.4584	116.6104	0	60.97602	39.02398	39.02398	0	-9999	11
1735.425	1734.915	1066.915	124.1793	392.815	122.6179	116.4494	0	44.89471	55.10529	55.10529	0	-9999	11
1735.43	1734.92	1066.92	123.5372	401.1111	120.2376	112.1124	0	10.59107	89.40893	89.40893	0	-9999	11
1735.435	1734.925	1066.925	128.4389	385.8393	126.8477	121.2882	0	49.9065	50.0935	50.0935	0	-9999	11
1735.44	1734.93	1066.93	122.08	312.1328	120.7395	118.0403	0	41.04045	58.95955	58.95955	0	-9999	11
1735.445	1734.935	1066.935	107.7954	261.3466	108.5059	107.7646	0	43.65312	56.34688	56.34688	0	-9999	11
1735.45	1734.94	1066.94	111.17	235.2694	110.9823	114.4075	0	37.30711	62.69289	62.69289	0	-9999	11
1735.455	1734.945	1066.945	116.4359	190.573	116.2447	115.6871	0	43.09983	56.90017	56.90017	0	-9999	11
1735.46	1734.95	1066.95	112.8556	172.1917	113.0287	113.0287	0	40.30938	59.69062	59.69062	0	-9999	11
1735.465	1734.955	1066.955	115.4747	177.1827	114.9984	115.2524	0	36.2608	63.7392	63.7392	0	-9999	11
1735.47	1734.96	1066.96	112.3872	163.5786	113.1724	113.9106	0	46.81384	53.18616	53.18616	0	-9999	11
1735.475	1734.965	1066.965	113.2958	158.053	112.3978	108.4753	4.477971	26.24031	69.28172	65.60536	3.676359	-9999	11
1735.48	1734.97	1066.97	111.5013	169.9173	110.8282	106.6487	1.515414	27.63531	70.84928	70.84928	0	-9999	11
1735.485	1734.975	1066.975	109.3566	165.9358	109.2323	106.1416	0.198421	30.76086	69.04072	69.04072	0	-9999	11
1735.49	1734.98	1066.98	113.0485	339.8947	108.8615	106.9097	0	0.295055	99.70494	99.70494	0	-9999	11
1735.495	1734.985	1066.985	111.5461	275.4162	109.6204	109.6674	0	20.56611	79.43389	79.43389	0	-9999	11
1735.5	1734.99	1066.99	114.685	126.1933	115.4292	118.2793	0	49.01386	50.98614	50.98614	0	-9999	11
1735.505	1734.995	1066.995	113.2985	156.2431	113.5191	112.7628	0	40.68925	59.31075	59.31075	0	-9999	11
1735.51	1735	1067	120.423	216.8717	120.4553	121.8129	0	57.52109	42.47891	42.47891	0	-9999	11
1735.515	1735.005	1067.005	123.2647	235.1079	123.0197	121.5665	0	60.50803	39.49197	39.49197	0	-9999	11
1735.52	1735.01	1067.01	120.3777	235.3269	120.7816	120.5392	0	65.74035	34.25965	34.25965	0	-9999	11
1735.525	1735.015	1067.015	124.7364	206.2722	124.031	120.8815	0	52.03001	47.96999	47.96999	0	-9999	11
1735.53	1735.02	1067.02	123.2347	172.4493	123.2837	121.0481	0	62.56586	37.43414	37.43414	0	-9999	11
1735.535	1735.025	1067.025	124.7772	188.327	124.9248	122.7263	0	70.69443	29.30557	29.30557	0	-9999	11
1735.54	1735.03	1067.03	121.775	172.3412	121.9537	122.1323	0	61.0497	38.9503	38.9503	0	-9999	11
1735.545	1735.035	1067.035	121.75	175.4287	121.5877	121.2305	0	54.2928	45.7072	45.7072	0	-9999	11
1735.55	1735.04	1067.04	124.02	176.8	124.3309	123.1855	0	71.20345	28.79655	28.79655	0	-9999	11
1735.555	1735.045	1067.045	126.19	178.1808	126.7176	126.0746	0	84.58942	15.41058	15.41058	0	-9999	11
1735.56	1735.05	1067.05	128.4798	184.7716	129.643	130.3575	0	100	0	0	0	-9999	11
1735.565	1735.055	1067.055	123.24	178.5689	123.7623	121.412	0	73.44893	26.55107	26.55107	0	-9999	11
1735.57	1735.06	1067.06	121.8762	164.1311	122.5583	122.2497	0	71.2492	28.7508	28.7508	0	-9999	11
1735.575	1735.065	1067.065	120.92	161.2669	121.2114	119.5926	0	60.11157	39.88843	39.88843	0	-9999	11
1735.58	1735.07	1067.07	121.87	167.2838	122.0812	121.2852	0	61.65055	38.34945	38.34945	0	-9999	11
1735.585	1735.075	1067.075	120.5107	139.4089	120.349	115.1762	0	48.84288	51.15712	51.15712	0	-9999	11
1735.59	1735.08	1067.08	112.5028	158.0085	112.1729	109.5174	0.816587	32.33203	66.85139	66.85139	0	-9999	11
1735.595	1735.085	1067.085	112.7386	140.7704	111.5123	106.843	11.71772	20.41576	67.86652	59.35943	8.507088	32.02215	11
1735.6	1735.09	1067.09	113.73	126.5993	112.6097	108.0025	13.41338	21.77349	64.81313	51.68849	13.12463	31.70748	11
1735.605	1735.095	1067.095	114.2858	162.986	113.7009	115.1553	0	31.96627	68.03373	68.03373	0	-9999	11
1735.61	1735.1	1067.1	113.9468	149.1027	114.5785	115.8736	0	47.21034	52.78966	52.78966	0	-9999	11
1735.615	1735.105	1067.105	112.3429	133.759	113.0653	115.091	0	43.87948	56.12052	56.12052	0	-9999	11
1735.62	1735.11	1067.11	111.6206	165.1432	112.0279	113.3125	0	40.53093	59.46907	59.46907	0	-9999	11
1735.625	1735.115	1067.115	110.7063	136.0748	110.4188	110.8501	7.448289	28.78929	63.76242	63.76242	0	-9999	11
1735.63	1735.12	1067.12	118.0958	160.7087	117.1925	116.5325	0	32.72816	67.27184	67.27184	0	-9999	11
1735.635	1735.125	1067.125	134.77	202.6184	132.9731	132.1453	0	42.08055	57.91945	57.91945	0	-9999	11
1735.64	1735.13	1067.13	121.974	145.6203	121.6865	121.9201	0	50.31768	49.68232	49.68232	0	-9999	11

1735.645	1735.135	1067.135	106.7284	142.9833	106.6515	104.2357	7.804135	26.26676	65.92911	57.33902	8.590087	-9999	11
1735.65	1735.14	1067.14	108.5251	158.6025	108.7419	108.8348	0.094673	32.71031	67.19502	67.19502	0	-9999	11
1735.655	1735.145	1067.145	122.9321	311.3459	120.2717	111.8336	0	16.59498	83.40502	83.40502	0	-9999	11
1735.66	1735.15	1067.15	115.133	292.7002	114.2602	109.8167	0	37.94557	62.05443	62.05443	0	-9999	11
1735.665	1735.155	1067.155	108.2	222.8064	107.3338	105.8798	0	25.62082	74.37918	74.37918	0	-9999	11
1735.67	1735.16	1067.16	121.5	221.8717	121.2126	123.6735	0	54.33253	45.66747	45.66747	0	-9999	11
1735.675	1735.165	1067.165	115.02	244.2896	114.4268	113.0369	0	38.4211	61.5789	61.5789	0	-9999	11
1735.68	1735.17	1067.17	124.5781	424.0108	121.8764	113.5624	0	23.66747	76.33253	76.33253	0	-9999	11
1735.685	1735.175	1067.175	124.14	484.7356	124.9246	131.1632	0	100	0	0	0	-9999	11
1735.69	1735.18	1067.18	109.26	407.9272	108.2163	106.9748	0	37.29691	62.70309	62.70309	0	-9999	11
1735.695	1735.185	1067.185	78.16089	169.8501	78.63604	84.38229	23.30589	10.63979	66.05432	33.89934	32.15498	28.48109	11
1735.7	1735.19	1067.19	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1736.03	1735.52	1067.52	91.42161	179.1334	92.83864	95.49848	1.559854	22.39685	76.0433	76.0433	0	-9999	11
1736.035	1735.525	1067.525	94.43	161.2456	95.94851	98.71478	2.334527	24.72386	72.94161	72.94161	0	-9999	11
1736.04	1735.53	1067.53	96.43562	173.1416	96.62557	97.1598	7.906838	19.92566	72.1675	63.76958	8.397919	-9999	11
1736.045	1735.535	1067.535	94.83358	128.2722	94.71566	93.53643	22.62512	14.0242	63.35068	44.95696	18.39371	30.88622	11
1736.05	1735.54	1067.54	93.13681	137.6145	94.40063	95.64105	11.21679	20.44163	68.34159	58.98429	9.357292	30.93231	11
1736.055	1735.545	1067.545	93.39515	153.9273	93.38343	91.80166	16.91686	15.34671	67.73643	43.84172	23.89471	30.97531	11
1736.06	1735.55	1067.55	93.41687	135.3406	93.82701	92.77238	18.1255	16.19465	65.67984	40.62405	25.05579	30.91865	11
1736.065	1735.555	1067.555	98.72794	123.4264	99.63876	98.69198	12.24225	23.27884	64.47891	50.35014	14.12877	31.10733	11
1736.07	1735.56	1067.56	103.3335	142.4936	104.5176	108.0455	1.273011	32.82563	65.90136	65.90136	0	-9999	11
1736.075	1735.565	1067.565	97.79194	135.2475	98.95016	100.4069	8.325309	24.61686	67.05783	65.65318	1.404651	30.98256	11
1736.08	1735.57	1067.57	97.77	137.3448	97.60283	97.57895	18.10972	16.45241	65.43787	40.50131	24.93657	30.78208	11
1736.085	1735.575	1067.575	100.4541	147.9999	100.611	95.57866	10.55037	21.6098	67.83983	61.11586	6.723965	32.0234	11
1736.09	1735.58	1067.58	99.94205	123.4168	99.94205	96.96679	18.18646	18.38465	63.42889	50.74855	12.68034	31.31634	11
1736.095	1735.585	1067.585	100.6958	125.1873	101.2153	97.85678	13.03849	22.90971	64.05181	42.05592	21.99588	31.46912	11
1736.1	1735.59	1067.59	101.5758	116.1237	101.1029	98.84783	22.11289	15.98478	61.90233	37.32528	24.57705	31.22294	11
1736.105	1735.595	1067.595	101.1005	126.7865	101.5241	102.1535	13.0221	22.7703	64.2076	41.43903	22.76857	30.7343	11
1736.11	1735.6	1067.6	102.8038	134.6199	103.1327	102.6698	10.29311	24.51754	65.18935	59.30148	5.887867	31.04172	11
1736.115	1735.605	1067.605	99.43191	172.1415	100.5379	100.5139	0	28.74843	71.25157	71.25157	0	-9999	11
1736.12	1735.61	1067.61	102.0071	200.9848	102.5658	102.3958	0	29.85115	70.14885	70.14885	0	-9999	11
1736.125	1735.615	1067.615	103.218	163.5702	104.1208	106.1706	0	31.69773	68.30227	68.30227	0	-9999	11
1736.13	1735.62	1067.62	97.24467	191.6273	99.67549	105.9551	0	36.05242	63.94758	63.94758	0	-9999	11
1736.135	1735.625	1067.625	100.1535	216.3217	101.8173	103.1677	0	36.75761	63.24239	63.24239	0	-9999	11
1736.14	1735.63	1067.63	101.65	243.0374	101.9774	95.34462	0	30.51056	69.48944	69.48944	0	-9999	11
1736.145	1735.635	1067.635	96.08257	221.8315	98.38295	98.34738	0	35.51245	64.48755	64.48755	0	-9999	11
1736.15	1735.64	1067.64	95.04194	223.6302	96.57659	98.04041	0	29.706	70.294	70.294	0	-9999	11
1736.155	1735.645	1067.645	99.54595	230.9855	100.8929	98.64393	0	34.57049	65.42951	65.42951	0	-9999	11
1736.16	1735.65	1067.65	103.5556	199.3843	104.9848	106.9028	0	39.14413	60.85587	60.85587	0	-9999	11
1736.165	1735.655	1067.655	100.456	198.4268	101.5065	100.5405	0	31.43511	68.56489	68.56489	0	-9999	11
1736.17	1735.66	1067.66	96.17896	143.5842	95.75112	93.2079	20.08368	14.26741	65.64891	49.65129	15.99761	31.16099	11
1736.175	1735.665	1067.665	92.96157	141.463	91.67385	87.91605	30.22113	8.308291	61.47058	26.94377	34.52681	31.27927	11
1736.18	1735.67	1067.67	90.62764	125.8158	89.63541	88.08938	33.86495	7.697598	58.43745	32.44256	25.99489	30.99069	11
1736.185	1735.675	1067.675	85.62798	159.828	85.74019	84.47221	21.67424	11.98771	66.33806	46.11079	20.22726	30.34761	11
1736.19	1735.68	1067.68	89.61787	129.5621	90.13305	89.68656	22.20491	13.63514	64.15995	31.36414	32.79581	30.64151	11
1736.195	1735.685	1067.685	92.05656	139.5222	92.60285	91.37078	17.30982	16.12531	66.56487	50.96934	15.59554	30.95357	11
1736.2	1735.69	1067.69	95.05	130.1442	94.69586	93.81053	23.80365	13.05439	63.14197	29.4084	33.73356	30.82677	11
1736.205	1735.695	1067.695	100.2611	138.0954	100.0319	98.66868	16.11709	18.09286	65.79005	43.41258	22.37747	31.10752	11
1736.21	1735.7	1067.7	100.2376	184.8536	100.3703	100.1291	2.018622	23.71804	74.26333	74.26333	0	-9999	11
1736.215	1735.705	1067.705	106.2506	199.9726	106.7935	108.0643	0	35.37141	64.62859	64.62859	0	-9999	11
1736.22	1735.71	1067.71	106.0667	197.4045	105.6844	108.1629	0	26.35436	73.64564	73.64564	0	-9999	11
1736.225	1735.715	1067.715	103.1336	165.827	103.0116	102.4871	5.932283	23.40204	70.66568	65.40619	5.259488	-9999	11
1736.23	1735.72	1067.72	102.7126	165.7003	102.6151	103.0414	6.160028	23.16299	70.67698	64.96321	5.713772	-9999	11
1736.235	1735.725	1067.725	103.3056	171.1065	103.0249	102.2194	5.726415	22.67024	71.60334	64.307	7.296343	-9999	11
1736.24	1735.73	1067.73	103.9211	215.1395	103.7865	105.6947	0	27.43867	72.56133	72.56133	0	-9999	11
1736.245	1735.735	1067.735	103.4201	181.1252	103.4568	104.4582	0.737238	26.00558	73.25719	73.25719	0	-9999	11
1736.25	1735.74	1067.74	102.2298	181.5592	102.0718	104.7217	3.235957	23.29845	73.46559	71.54852	1.917073	-9999	11
1736.255	1735.745	1067.745	103.6	172.0797	104.3454	105.0908	0	31.4867	68.5133	68.5133	0	-9999	11
1736.26	1735.75	1067.75	103.61	140.4074	103.9033	104.8565	8.427117	25.57654	65.99634	61.63095	4.365398	30.88682	11
1736.265	1735.755	1067.755	103.9986	132.9778	104.4025	104.6473	9.010761	26.48386	64.50537	46.34178	18.1636	30.88913	11
1736.27	1735.76	1067.76	102.7451	105.3576	103.147	103.0618	16.86276	23.05473	60.08251	38.0075	22.07501	30.60126	11
1736.275	1735.765	1067.765	105.715	109.6509	105.7396	104.2368	16.01575	23.72017	60.26408	38.96757	21.29651	30.82021	11
1736.28	1735.77	1067.77	103.9362	126.7743	103.8506	103.9974	14.36321	21.89308	63.74371	42.88952	20.85419	30.75997	11
1736.285	1735.775	1067.775	101.3176	143.1147	101.3055	102.3717	12.2479	20.91159	66.84051	59.76534	7.075167	30.7905	11
1736.29	1735.78	1067.78	98.7781	175.0575	99.23379	103.6708	3.228587	23.80351	72.9679	72.9679	0	-9999	12
1736.295	1735.785	1067.785	97.95481	162.0294	98.34926	97.99067	7.613493	21.73329	70.65321	53.82121	16.832	-9999	12
1736.3	1735.79	1067.79	99.09783	165.0279	99.39805	99.71028	6.566515	22.41689	71.01659	69.7694	1.247191	-9999	12
1736.305	1735.795	1067.795	93.63265	201.3573	93.98466	94.51266	2.401465	20.52057	77.07797	77.07797	0	-9999	12
1736.31	1735.8	1067.8	97.31694	213.7364	98.09176	100.3566	0	26.96657	73.03343	73.03343	0	-9999	12
1736.315	1735.805	1067.805	93.43583	224.5846	94.51452	95.81599	0	25.63753	74.36247	74.36247	0	-9999	12
1736.32	1735.81	1067.81	90.75783	242.3435	92.04345	95.90031	0	25.46261	74.53739	74.53739	0	-9999	12
1736.325	1735.815	1067.815	92.79291	213.6361	93.31902	95.38836	0	21.58106	78.41894	78.41894	0	-9999	12
1736.33	1735.82	1067.82	91.98022	195.9313	92.67906	97.66419	2.546744	20.59482	76.85843	75.52958	1.328851	-9999	12

1736.335	1735.825	1067.825	98.00652	241.3194	97.6957	97.15772	0	22.77603	77.22397	77.22397	0	-9999	12
1736.34	1735.83	1067.83	89.75857	204.0598	91.34966	97.50651	0	23.38489	76.61511	76.61511	0	-9999	12
1736.345	1735.835	1067.835	91.21749	228.9982	92.67994	94.31649	0	25.79118	74.20882	74.20882	0	-9999	12
1736.35	1735.84	1067.84	91.26391	214.327	93.0864	94.83924	0	26.56378	73.43622	73.43622	0	-9999	12
1736.355	1735.845	1067.845	87.39162	225.3245	88.5427	92.53163	0	21.14567	78.85433	78.85433	0	-9999	12
1736.36	1735.85	1067.85	87.82862	224.823	88.93648	91.89455	0	21.25011	78.74989	78.74989	0	-9999	12
1736.365	1735.855	1067.855	90.66685	161.3767	91.616	92.76192	10.17744	18.39975	71.4228	66.45237	4.970431	30.93176	12
1736.37	1735.86	1067.86	98.40252	176.7063	99.70785	103.1927	0	29.12741	70.87259	70.87259	0	-9999	12
1736.375	1735.865	1067.865	99.98065	147.8589	100.9087	102.1743	5.043237	26.53441	68.42235	63.25474	5.167606	-9999	12
1736.38	1735.87	1067.87	103.7799	88.95131	103.7921	104.7703	22.90155	19.97799	57.12046	27.55895	29.5615	30.41954	12
1736.385	1735.875	1067.875	113.8013	82.14543	114.6751	117.3216	8.652092	45.77681	45.5711	34.12271	11.44839	28.13309	12
1736.39	1735.88	1067.88	110.375	114.4282	111.0509	111.6767	5.525037	38.00863	56.46634	43.92925	12.53709	-9999	12
1736.395	1735.885	1067.885	111.1849	77.97289	111.9756	114.561	12.71267	38.54881	48.73852	33.07243	15.66609	28.71013	12
1736.4	1735.89	1067.89	109.545	124.51	109.57	108.559	8.893696	29.85964	61.24666	58.71584	2.53082	30.72001	12
1736.405	1735.895	1067.895	106.1853	108.8763	107.5544	109.0469	5.350907	37.16949	57.4796	57.4796	0	-9999	12
1736.41	1735.9	1067.9	105.1746	93.25414	106.2804	105.236	12.10188	31.77963	56.11849	44.12339	11.9951	30.39893	12
1736.415	1735.905	1067.905	101.6657	76.57667	102.7572	105.1585	19.47695	25.15369	55.36936	34.38435	20.98501	29.95121	12
1736.42	1735.91	1067.91	102.4022	77.28614	103.0588	103.7033	21.99767	22.76179	55.24054	25.53998	29.70056	30.33913	12
1736.425	1735.915	1067.915	103.5366	95.88421	103.8908	105.0754	18.79758	22.98582	58.2166	46.40088	11.81572	30.27684	12
1736.43	1735.92	1067.92	93.27171	84.82445	93.85729	94.43117	29.12424	13.55119	57.32458	33.98792	23.33665	30.81395	12
1736.435	1735.925	1067.925	93.26342	94.82594	94.48133	95.7695	21.81101	17.43738	60.75161	30.15705	30.59456	30.56491	12
1736.44	1735.93	1067.93	81.69787	87.66911	81.23324	78.35695	47.22293	3.915859	48.86121	16.96505	31.89616	32.23192	12
1736.445	1735.935	1067.935	82.61223	70.16503	82.2676	78.52109	49.68773	3.350741	46.96153	28.77854	18.18299	33.02688	12
1736.45	1735.94	1067.94	83.96239	91.2174	83.36898	83.9512	45.27894	4.491287	50.22977	30.04322	20.18655	31.46524	12
1736.455	1735.945	1067.945	84.14362	98.37302	83.67292	80.71422	42.42954	5.400331	52.17013	34.10507	18.06506	31.76071	12
1736.46	1735.95	1067.95	81.62576	72.84799	82.20083	83.16295	42.81835	5.728158	51.4535	26.98206	24.47143	31.36516	12
1736.465	1735.955	1067.955	77.77836	74.22472	77.72427	75.93912	50.90077	2.849695	46.24954	16.28588	29.96366	32.48012	12
1736.47	1735.96	1067.96	75.8707	69.23285	75.88139	75.97765	53.36172	2.113426	44.52485	21.55335	22.97151	32.44423	12
1736.475	1735.965	1067.965	73.65055	81.86432	73.77711	74.16736	51.44945	2.606577	45.94397	24.6208	21.32317	31.75778	12
1736.48	1735.97	1067.97	73.30789	80.16182	73.69738	74.73952	50.13905	2.882999	46.97795	16.77499	30.20296	31.50862	12
1736.485	1735.975	1067.975	97.12342	90.54882	97.12342	96.43797	28.73364	13.79284	57.47352	35.74834	21.72518	31.04408	12
1736.49	1735.98	1067.98	125.4206	128.9378	125.0812	123.8556	0	57.07251	42.92749	42.92749	0	-9999	12
1736.495	1735.985	1067.985	126.2638	164.7192	127.5499	130.8429	0	100	0	0	0	-9999	12
1736.5	1735.99	1067.99	123.6575	101.7191	124.7013	128.4368	0	81.783	18.217	18.217	0	-9999	12
1736.505	1735.995	1067.995	110.3279	156.2229	109.0937	109.5311	10.25745	19.22602	70.51653	56.76833	13.74821	31.31889	12
1736.51	1736	1068	118.4458	184.218	117.9043	120.175	0	40.82029	59.17971	59.17971	0	-9999	12
1736.515	1736.005	1068.005	126.5641	155.798	130.1508	134.3289	0	100	0	0	0	-9999	12
1736.52	1736.01	1068.01	130.9952	127.5435	133.4817	136.2767	0	100	0	0	0	-9999	12
1736.525	1736.015	1068.015	116.2945	146.2191	116.8049	116.8219	0	50.71852	49.28148	49.28148	0	-9999	12
1736.53	1736.02	1068.02	110.2591	63.84498	111.295	113.5841	15.08274	38.64832	46.26894	22.17488	24.09406	28.62095	4
1736.535	1736.025	1068.025	100.6199	93.61823	100.2568	100.6653	27.58759	14.46775	57.94466	28.99315	28.95151	30.84073	4
1736.54	1736.03	1068.03	97.10446	44.94772	98.92598	100.097	25.66976	21.94002	52.39023	30.44305	21.94718	30.50682	4
1736.545	1736.035	1068.035	92.76786	28.19636	93.92176	94.90471	38.88732	12.15173	48.96095	29.25076	19.71019	31.67118	4
1736.55	1736.04	1068.04	91.92735	29.10194	92.86335	95.24592	41.13011	10.41731	48.45258	22.97611	25.47648	31.65264	4
1736.555	1736.045	1068.045	64.18	22.81	64.58	65.84	72.33438	0	27.66562	18.98356	8.682056	32.07028	4
1736.56	1736.05	1068.05	62.74	20.16	63.03	63.98	75.15298	0	24.84702	5.267347	19.57967	32.0731	4
1736.565	1736.055	1068.055	61.81	24.97	61.75	61.98	77.55706	0	22.44294	22.28278	0.160163	32.43078	4
1736.57	1736.06	1068.06	61.34	22.18	61.25	62.06	78.89714	0	21.10286	15.57061	5.532247	32.3566	4
1736.575	1736.065	1068.065	61.61	25.7	61.94	63.23	74.5419	0	25.4581	19.78684	5.671259	31.97235	4
1736.58	1736.07	1068.07	61.66	28.06	62.2	64.66	72.29728	0	27.70272	4.49639	23.20633	31.66684	4
1736.585	1736.075	1068.075	62.97	30.98	63.11	64.57	73.48544	0	26.51456	20.26907	6.245492	32.12397	4
1736.59	1736.08	1068.08	64.31	21.16	64.33	64.86	75.55908	0	24.44092	5.102013	19.33891	32.34895	4
1736.595	1736.085	1068.085	63.73	21.15	64.03	65.16	73.9251	0	26.0749	17.8984	8.176503	32.08675	4
1736.6	1736.09	1068.09	63.72	17.82	63.86	64.45	75.98016	0	24.01984	19.55151	4.468333	32.24701	4
1736.605	1736.095	1068.095	63.43	11.88	63.76	64.74	76.21194	0	23.78806	5.267796	18.52026	32.04462	4
1736.61	1736.1	1068.1	63.38	13.29	63.46	63.61	77.85422	0	22.14578	14.92224	7.223542	32.35054	4
1736.615	1736.105	1068.105	63.89	16.74	63.8	63.72	77.86762	0	22.13238	15.49655	6.635834	32.50797	4
1736.62	1736.11	1068.11	63.92	18.74	63.41	62.86	80.61102	0	19.38898	12.62543	6.763554	32.89472	4
1736.625	1736.115	1068.115	63.59	17.92	63.22	62.85	80.02806	0	19.97194	19.97194	0	32.76358	4
1736.63	1736.12	1068.12	63.78	18.23	63.76	62.6	77.06574	0	22.93426	11.86929	11.06497	32.66317	4
1736.635	1736.125	1068.125	63.17	22.64	63.16	62.8	76.48222	0	23.51778	9.402101	14.11568	32.50731	4
1736.64	1736.13	1068.13	63.91	19.77	63.98	64.16	75.87596	0	24.12404	15.98275	8.141293	32.37111	4
1736.645	1736.135	1068.135	63.67	19.9	63.65	63.74	76.7628	0	23.2372	22.37114	0.86606	32.43275	4
1736.65	1736.14	1068.14	64.57	20.48	64.94	65.39	72.77194	0	27.22806	14.19572	13.03234	32.2379	4
1736.655	1736.145	1068.145	65.94	22.73	65.98	66.61	73.52454	0	26.47546	16.7513	9.724156	32.40631	4
1736.66	1736.15	1068.15	67.03	27.6	66.49	66.15	75.8382	0	24.1618	5.39502	18.76678	32.82165	4
1736.665	1736.155	1068.155	68.7	33.97	68.43	69.27	70.66776	0	29.33224	21.84692	7.48532	32.69432	4
1736.67	1736.16	1068.16	70.37	44.36	69.92	68.72	68.01198	0	31.98802	22.55741	9.430615	33.32345	4
1736.675	1736.165	1068.165	70.17	44.91	69.65	68.15	68.60538	0	31.39462	6.445609	24.94901	33.34514	4
1736.68	1736.17	1068.17	68.37	37.9	67.85	66.09	71.9578	0	28.0422	7.732545	20.30966	33.18555	4
1736.685	1736.175	1068.175	70.39	42.6	70.03	70.27	67.722	0	32.278	9.650816	22.62718	33.06507	4
1736.69	1736.18	1068.18	70.29	45.08	68.98	67.39	74.57634	0	25.42366	18.45957	6.964089	33.26983	4
1736.695	1736.185	1068.185	77.88	82.4	77.37	82.2	52.3621	2.418033	45.21987	19.69237	25.5275	31.28604	4

1736.7	1736.19	1068.19	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1737.02	1736.51	1068.51	91.59	129.52	89.73	87.47	38.80836	4.687584	56.50406	28.50683	27.99723	31.45715	4
1737.025	1736.515	1068.515	91.6	93.9	90.3	85.63	43.0792	4.601398	52.3194	23.87699	28.44241	32.65047	4
1737.03	1736.52	1068.52	91.8	63.4	91.09	89.69	45.7037	5.142292	49.15401	23.70117	25.45284	32.64812	4
1737.035	1736.525	1068.525	89.04	72.41	87.33	85.08	53.81248	0.900704	45.28682	27.48625	17.80057	33.75636	4
1737.04	1736.53	1068.53	89.58	99.71	88.78	88.73	39.65658	6.311437	54.03198	33.8118	20.22018	31.28131	4
1737.045	1736.535	1068.535	84.1	47.97	83.5	82.61	55.66926	1.596152	42.73459	26.21207	16.52252	33.82388	4
1737.05	1736.54	1068.54	81.92	44.95	81.4	81.16	57.7857	0.950287	41.26401	14.6298	26.63421	33.99741	4
1737.055	1736.545	1068.545	82.06	44.71	81.94	83.02	54.61498	2.069203	43.31582	28.1449	15.17091	33.22975	4
1737.06	1736.55	1068.55	80.48	33.48	79.92	80.06	62.19624	0	37.80376	17.03346	20.7703	34.42777	4
1737.065	1736.555	1068.555	81.11	63.06	79.41	78.16	63.29328	0	36.70672	24.54533	12.16139	33.46202	4
1737.07	1736.56	1068.56	78.29	45.12	76.6	75.73	70.15166	0	29.84834	6.54592	23.30242	32.951	4
1737.075	1736.565	1068.565	77.79	46.34	76.06	74.43	70.62642	0	29.37358	17.9504	11.42318	33.0639	4
1737.08	1736.57	1068.57	78.36	36.92	77.18	74.82	68.11916	0	31.88084	16.86701	15.01383	33.6626	4
1737.085	1736.575	1068.575	80.47	60.08	77.91	76	71.26824	0	28.73176	13.58735	15.14441	32.32088	4
1737.09	1736.58	1068.58	81.17	45.72	79.69	77.22	65.72936	0	34.27064	23.71292	10.55772	33.68508	4
1737.095	1736.585	1068.585	79.11	39.83	78.47	77.1	62.53994	0	37.46006	14.33444	23.12562	34.41311	4
1737.1	1736.59	1068.59	80.09	57.29	79.72	78.61	55.32052	1.635232	43.04425	31.53005	11.51419	33.41757	4
1737.105	1736.595	1068.595	81.61	67.47	80.9	78.15	54.09356	1.878954	44.02749	22.88966	21.13782	33.43785	4
1737.11	1736.6	1068.6	85.26	105.82	83.52	82.21	49.43736	2.375064	48.18758	27.88755	20.30002	32.14346	4
1737.115	1736.605	1068.605	83.34	79.12	82.27	81.17	52.47266	2.126661	45.40068	18.66899	26.73169	32.80574	4
1737.12	1736.61	1068.61	83.02	78.25	80.7	79.13	62.6651	0	37.3349	19.62358	17.71132	32.81258	4
1737.125	1736.615	1068.615	82.54	69.76	81.03	81.37	58.88378	0.133393	40.98283	21.37121	19.61162	33.70064	4
1737.13	1736.62	1068.62	79.99	51.49	79.58	78.47	57.12612	1.116706	41.75717	29.54863	12.20854	33.81344	4
1737.135	1736.625	1068.625	80.14	74.85	78.25	77.33	62.805	0	37.195	20.50595	16.68905	33.31214	4
1737.14	1736.63	1068.63	80.36	73.41	78.06	77.12	66.12858	0	33.87142	24.20474	9.666675	32.67226	4
1737.145	1736.635	1068.635	76.08	42.41	75.25	75.78	66.17568	0	33.82432	18.02471	15.79961	33.35326	4
1737.15	1736.64	1068.64	75.93	34.06	75.52	75.98	65.07938	0	34.92062	15.20507	19.71555	33.62654	4
1737.155	1736.645	1068.645	76.09	32.51	75.88	74.16	63.75728	0	36.24272	11.14899	25.09373	34.2625	4
1737.16	1736.65	1068.65	79.8	27.99	79.58	80.67	61.51542	0	38.48458	25.32772	13.15686	34.55852	4
1737.165	1736.655	1068.655	78.53	39.02	77.59	76.87	65.59456	0	34.40544	10.4727	23.93274	33.72058	4
1737.17	1736.66	1068.66	78.43	50.34	77.7	77.41	61.31962	0	38.68038	17.3989	21.28148	34.2025	4
1737.175	1736.665	1068.665	80.45	58.63	79.71	78.76	57.53254	0.90805	41.55941	24.59966	16.95975	33.74925	4
1737.18	1736.67	1068.67	79.15	51.9	78.58	76.72	59.0397	0.537374	40.42293	20.57513	19.84779	34.22758	4
1737.185	1736.675	1068.675	73.83	45.88	73.7	75	61.98094	0	38.01906	11.66139	26.35767	33.64306	4
1737.19	1736.68	1068.68	73.82	55.4	72.72	72.09	67.2038	0	32.7962	6.017668	26.77853	33.3516	4
1737.195	1736.685	1068.685	72.32	101.54	73.43	70.2	40.29042	5.339231	54.37035	29.40978	24.96057	31.05009	4
1737.2	1736.69	1068.69	70.1	112.25	68.94	62.96	57.3335	1.915584	40.75092	22.94266	17.80826	32.78041	4
1737.205	1736.695	1068.695	68.25	83.74	65.73	61.37	76.47492	0	23.52508	18.72252	4.802559	34.38776	4
1737.21	1736.7	1068.7	68.33	98.35	66.19	66.41	69.9207	0	30.0793	21.39103	8.688268	33.55264	4
1737.215	1736.705	1068.705	65.19	63.29	64.33	61.82	71.37402	0	28.62598	16.34879	12.27719	33.54361	4
1737.22	1736.71	1068.71	64.99	53.68	64.04	59.15	74.58114	0	25.41886	21.74426	3.674605	33.94159	4
1737.225	1736.715	1068.715	65.96	47.39	64.3	62.05	80.71342	0	19.28658	19.16631	0.120273	33.81902	4
1737.23	1736.72	1068.72	67.74	61.08	65.36	63.96	81.34284	0	18.65716	17.4669	1.190261	33.88169	4
1737.235	1736.725	1068.725	68.64	59.25	66.66	65.19	77.8577	0	22.1423	15.90206	6.240242	33.55157	4
1737.24	1736.73	1068.73	64.73	41.54	63.67	61.27	78.61072	0	21.38928	12.75434	8.634938	33.53279	4
1737.245	1736.735	1068.735	67.13	49.42	66.02	63.74	74.88326	0	25.11674	22.63457	2.482165	33.44769	4
1737.25	1736.74	1068.74	70.86	57.22	70.08	66.88	67.00656	0	32.99344	19.31277	13.68067	33.81584	4
1737.255	1736.745	1068.745	70.79	49.24	70.86	66.92	62.41462	0	37.58538	21.25541	16.32997	34.27711	4
1737.26	1736.75	1068.75	72.4	40.96	72.41	70.72	63.40218	0	36.59782	19.302	17.29582	33.9179	4
1737.265	1736.755	1068.755	76.46	50.06	76.04	73.94	60.79728	0.086875	39.11585	17.88147	21.23438	34.46361	4
1737.27	1736.76	1068.76	78.04	38.02	77.78	75.09	61.01736	0.018589	38.96405	8.152781	30.81127	34.94996	4
1737.275	1736.765	1068.765	77.08	39.25	77.23	76.31	58.4254	0.731572	40.84303	24.96492	15.87811	34.07514	4
1737.28	1736.77	1068.77	74.18	37.92	74.25	73.37	62.03526	0	37.96474	22.28932	15.67542	34.13535	4
1737.285	1736.775	1068.775	71.09	45.61	71.37	68.05	61.38958	0	38.61042	23.04452	15.5659	34.29733	4
1737.29	1736.78	1068.78	73.19	64.33	72.94	69.37	59.03484	0.638052	40.32711	23.25709	17.07002	33.91745	4
1737.295	1736.785	1068.785	75.22	56.58	75.04	74.51	58.50024	0.710499	40.78926	17.01545	23.77381	33.55674	4
1737.3	1736.79	1068.79	71.95	73.89	72.13	69.96	54.52962	1.744392	43.72599	31.86961	11.85638	32.69116	4
1737.305	1736.795	1068.795	96.51023	82.7468	94.65343	91.04136	45.57609	2.647374	51.77654	17.68877	34.08777	33.24668	4
1737.31	1736.8	1068.8	95.63281	45.25589	94.98744	95.4568	46.06754	6.131788	47.80067	26.90548	20.89519	32.64558	4
1737.315	1736.805	1068.805	97.39121	27.13527	96.76805	95.69977	48.66285	6.055299	45.28185	27.04939	18.23246	33.48275	4
1737.32	1736.81	1068.81	94.85519	41.43718	93.83635	93.5115	50.60142	3.564692	45.83389	20.2773	25.55659	33.52999	4
1737.325	1736.815	1068.815	91.02164	20.59135	90.67083	88.7852	53.99579	3.435416	42.56879	14.81272	27.75607	34.39624	4
1737.33	1736.82	1068.82	62.84	19.2	62.32	61.66	81.5708	0	18.4292	13.78844	4.640758	32.96501	4
1737.335	1736.825	1068.825	66.4	48.37	64.61	62.59	81.07896	0	18.92104	7.506942	11.4141	33.81938	4
1737.34	1736.83	1068.83	65.79	60.41	64.39	61.76	75.70398	0	24.29602	12.16315	12.13287	33.72966	4
1737.345	1736.835	1068.835	64.82	60.32	63.68	62.15	74.60316	0	25.39684	21.34781	4.049033	33.44781	4
1737.35	1736.84	1068.84	63.05	39.7	62.21	60.02	78.8966	0	21.1034	14.53564	6.567762	33.42757	4
1737.355	1736.845	1068.845	61.57	41.56	60.51	59.37	81.51308	0	18.48692	13.46556	5.021356	33.53812	4
1737.36	1736.85	1068.85	64.47	68.54	62.6	61.96	78.59342	0	21.40658	15.40018	6.006398	33.7761	4
1737.365	1736.855	1068.855	65.19	56.72	63.35	60.33	80.55896	0	19.44104	16.79754	2.643504	34.14436	4
1737.37	1736.86	1068.86	66.09	53.92	64.43	62.71	79.01356	0	20.98644	20.98644	0	33.68327	4
1737.375	1736.865	1068.865	62.01	35.73	61.26	61.18	80.11664	0	19.88336	19.88336	0	33.03358	4

1737.38	1736.87	1068.87	62.53	49.96	60.8	59.92	83.78958	0	16.21042	15.8766	0.333818	34.0412	4
1737.385	1736.875	1068.875	64.46	54.86	62.33	61.59	83.92818	0	16.07182	16.07182	0	34.11296	4
1737.39	1736.88	1068.88	65.93	46.78	64.68	64.2	77.71114	0	22.28886	3.539673	18.74919	33.22202	4
1737.395	1736.885	1068.885	67.84	50.19	66.02	63.51	79.54622	0	20.45378	11.75074	8.703039	33.76086	4
1737.4	1736.89	1068.89	62.1	84.28	59.88	55.27	79.67724	0	20.32276	20.32276	0	35.08271	4
1737.405	1736.895	1068.895	65.39	83.87	63.87	56.77	71.32466	0	28.67534	20.03778	8.637562	34.78402	4
1737.41	1736.9	1068.9	65.93	40.54	65.74	62.94	71.00622	0	28.99378	13.09877	15.89501	33.23851	4
1737.415	1736.905	1068.905	70.11	68.38	71.12	64.49	51.12334	2.261325	46.61534	23.19921	23.41613	33.12488	4
1737.42	1736.91	1068.91	73.13	90.45	73.91	72.22	44.7865	4.243738	50.96976	31.25979	19.70997	31.29275	1
1737.425	1736.915	1068.915	75.15	59.8	75.73	77.04	51.8954	2.420342	45.68426	31.80915	13.87511	32.18072	1
1737.43	1736.92	1068.92	78.87	50.58	79.06	80.96	53.72674	2.161352	44.11191	31.64016	12.47175	32.67882	1
1737.435	1736.925	1068.925	81.1	49.2	80.82	80.24	55.6516	1.622386	42.72601	17.16553	25.56048	33.57198	1
1737.44	1736.93	1068.93	80.27	60.11	79.78	78.69	55.40248	1.579399	43.01812	27.75927	15.25885	33.38251	1
1737.445	1736.935	1068.935	75.3	55.95	75.31	73.04	57.1066	1.062414	41.83099	28.44071	13.39028	33.66688	1
1737.45	1736.94	1068.94	76.61	21	76.35	76.33	66.4518	0	33.5482	15.11041	18.43779	33.75558	1
1737.455	1736.945	1068.945	79.5	21.89	79.55	78.9	61.17512	0.096451	38.72843	12.06756	26.66087	34.98847	1
1737.46	1736.95	1068.95	80.03	32.76	79.94	80.06	59.14198	0.656897	40.20112	13.65924	26.54188	34.28605	1
1737.465	1736.955	1068.955	79.34	28.56	79.15	78.28	61.56818	0	38.43182	9.685705	28.74611	34.85483	1
1737.47	1736.96	1068.96	79.77	29.42	79.55	78.29	61.19696	0.02862	38.77442	16.85188	21.92253	34.98007	1
1737.475	1736.965	1068.965	80.62	30.73	80.61	80.41	58.47044	0.91913	40.61043	23.66962	16.94081	34.28889	1
1737.48	1736.97	1068.97	80.9	30.74	81.05	81.11	56.97042	1.437203	41.59238	29.53377	12.0586	33.98876	1
1737.485	1736.975	1068.975	78.45	69.86	80.4	81.45	35.80738	7.629989	56.56263	37.86214	18.70049	30.94442	1
1737.49	1736.98	1068.98	79.42	86.77	82.26	83.57	23.92526	11.75628	64.31846	47.76931	16.54915	30.76168	1
1737.495	1736.985	1068.985	77.26	118.83	79.91	76.09	19.62644	12.02115	68.35241	50.41824	17.93417	31.44144	1
1737.5	1736.99	1068.99	77.14	135.09	74.98	71.96	53.07942	2.444671	44.47591	32.00107	12.47484	31.68585	1
1737.505	1736.995	1068.995	77.13	165.81	73.19	76.68	59.44938	1.198642	39.35198	26.77705	12.57493	30.77803	1
1737.51	1737	1069	72.54	90.64	70.72	69.35	65.43332	0	34.56668	15.4405	19.12618	33.65212	4
1737.515	1737.005	1069.005	66.98	25.79	66.56	67.25	75.39222	0	24.60778	9.787335	14.82045	32.57807	4
1737.52	1737.01	1069.01	67.7	60.41	66.04	65.04	75.96178	0	24.03822	16.2526	7.785616	33.41648	4
1737.525	1737.015	1069.015	75.34	140.19	71.43	67.98	67.06372	0	32.93628	22.92192	10.01436	33.49021	4
1737.53	1737.02	1069.02	73.41	63.09	73.55	72	56.11002	1.302947	42.58703	27.27316	15.31388	33.12107	4
1737.535	1737.025	1069.025	75.56	48.36	75.08	74.33	62.50168	0	37.49832	23.9293	13.56902	34.02698	4
1737.54	1737.03	1069.03	79.84	80.89	78.98	75.63	53.63682	1.975255	44.38792	20.0365	24.35143	33.11857	4
1737.545	1737.035	1069.035	84.68	213.22	85.45	73.13	4.52766	17.29541	78.17693	74.07284	4.10409	-9999	4
1737.55	1737.04	1069.04	84.68	273.29	77.52	75.04	51.44822	0	48.55178	26.35241	22.19937	29.2766	4
1737.555	1737.045	1069.045	85.88	244.09	83.16	73.47	23.00062	8.862116	68.13726	49.55041	18.58685	30.5818	4
1737.56	1737.05	1069.05	83.9	112.31	82.45	78.92	46.87048	3.416194	49.71333	18.65139	31.06193	32.03474	4
1737.565	1737.055	1069.055	81.77	75.24	81.02	79.35	52.37602	2.340605	45.28338	14.06511	31.21827	32.85645	4
1737.57	1737.06	1069.06	78.43	132.12	73.84	71.06	71.44386	0	28.55614	16.01818	12.53796	32.00733	4
1737.575	1737.065	1069.065	76.46	195.64	71.02	69.76	64.47192	0.786284	34.7418	17.91852	16.82328	31.83413	4
1737.58	1737.07	1069.07	74.75	122.67	72.35	70.33	60.14386	1.0442	38.81194	10.01458	28.79736	32.63465	4
1737.585	1737.075	1069.075	74.44	185.83	70.76	67.69	55.06434	3.208722	41.72694	24.58745	17.13949	30.57276	4
1737.59	1737.08	1069.08	72.46	155.39	67.29	66.39	75.79992	0	24.20008	10.03233	14.16775	33.84022	4
1737.595	1737.085	1069.085	68.63	39.81	67.52	68.06	75.82888	0	24.17112	7.470582	16.70054	32.85062	4
1737.6	1737.09	1069.09	68.15	27.13	67.55	65.63	75.38654	0	24.61346	12.73269	11.88077	33.13766	4
1737.605	1737.095	1069.095	66.93	31.61	66.43	66.41	74.64978	0	25.35022	12.00475	13.34547	32.75676	4
1737.61	1737.1	1069.1	67.14	42.4	66.26	65.83	74.7904	0	25.2096	15.99058	9.21902	32.99761	4
1737.615	1737.105	1069.105	66.85	51.28	65.29	64.1	78.17824	0	21.82176	16.22572	5.596045	33.45911	4
1737.62	1737.11	1069.11	65.78	35.99	65.06	65.29	76.35282	0	23.64718	4.984576	18.6626	32.8055	4
1737.625	1737.115	1069.115	67.59	66.66	65.31	63.59	79.35548	0	20.64452	14.53434	6.110179	33.86869	4
1737.63	1737.12	1069.12	69.01	147.13	65.49	64.8	68.18534	1.107169	30.70749	22.65908	8.048411	32.84151	4
1737.635	1737.125	1069.125	67.21	65.36	65.16	65.18	78.23718	0	21.76282	17.85776	3.905063	33.46246	4
1737.64	1737.13	1069.13	67.29	44.88	66.02	66.17	77.07474	0	22.92526	7.17379	15.75147	33.03761	4
1737.645	1737.135	1069.135	67.19	44.06	65.71	64.59	78.99268	0	21.00732	20.92611	0.081212	33.38453	4
1737.65	1737.14	1069.14	68.65	42.32	67.63	66.53	74.50556	0	25.49444	16.33424	9.160198	33.14379	4
1737.655	1737.145	1069.145	71.52	48.45	70.61	69.56	69.5292	0	30.4708	20.19572	10.27508	33.27095	4
1737.66	1737.15	1069.15	71.64	58.87	70.96	69.18	65.11466	0	34.88534	11.76609	23.11925	33.707	4
1737.665	1737.155	1069.155	75	69.58	74.29	72.41	59.66414	0.52281	39.81305	23.37166	16.44139	33.71092	4
1737.67	1737.16	1069.16	74.51	70.11	73.39	71.56	63.16418	0	36.83582	11.12623	25.70959	33.91647	4
1737.675	1737.165	1069.165	78.41	72.66	78.45	77.59	49.96908	3.149154	46.88177	30.50134	16.38042	32.25128	4
1737.68	1737.17	1069.17	76.55	49.57	76.19	74.88	60.36806	0.199129	39.43281	21.05222	18.38059	34.2505	4
1737.685	1737.175	1069.175	73.62	82.37	73.65	75.7	52.10356	2.456363	45.44008	15.86488	29.5752	31.50592	4
1737.69	1737.18	1069.18	71.07	125.73	71.47	71.31	41.08894	5.396762	53.5143	24.81922	28.69507	29.90723	4
1737.695	1737.185	1069.185	75.2	113.56	76.08	75.63	36.51448	6.678512	56.80701	38.97153	17.83548	30.29188	4
1737.7	1737.19	1069.19	71.89	41.85	71.33	68.33	68.0735	0	31.9265	13.32143	18.60507	33.71124	4
1737.705	1737.195	1069.195	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1738.005	1737.495	1069.495	76.58	25.96	75.56	74	71.16908	0	28.83092	6.785414	22.04551	33.36283	4
1738.01	1737.5	1069.5	74.37	12.63	73.9	74.24	72.16564	0	27.83436	5.276468	22.55789	33.03657	4
1738.015	1737.505	1069.505	75.84	24.72	74.83	73.61	72.07246	0	27.92754	9.16365	18.76389	33.24086	4
1738.02	1737.51	1069.51	75.23	29.2	73.94	72.53	73.7195	0	26.2805	6.18763	20.09287	33.12592	4
1738.025	1737.515	1069.515	76.36	35.94	75.02	73.47	71.43632	0	28.56368	23.98378	4.579899	33.21067	4
1738.03	1737.52	1069.52	74.02	36.17	73.07	72.56	70.51096	0	29.48904	4.720151	24.76889	33.14618	4
1738.035	1737.525	1069.525	71.62	22.45	70.94	69.94	73.9467	0	26.0533	11.32191	14.73139	33.0638	4

1738.04	1737.53	1069.53	73.17	26.07	72.29	71.82	73.19466	0	26.80534	14.20484	12.6005	33.02162	4
1738.045	1737.535	1069.535	74.5	33.68	73.68	72.89	69.66444	0	30.33556	8.933654	21.40191	33.28283	4
1738.05	1737.54	1069.54	111.0799	44.0179	110.4867	110.1368	31.75146	19.55102	48.69753	27.27405	21.42348	30.78663	4
1738.055	1737.545	1069.545	116.603	48.66311	116.6653	117.7854	20.46644	37.78869	41.74487	13.74507	27.9998	28.21175	4
1738.06	1737.55	1069.55	116.7994	32.15224	116.2893	115.1413	28.71758	28.16182	43.1206	15.48339	27.63721	29.69556	4
1738.065	1737.555	1069.555	115.3697	45.72215	113.7553	112.9322	35.30705	11.34777	53.34517	29.68081	23.66437	31.91669	4
1738.07	1737.56	1069.56	73.98	40.47	72.5	71.29	73.61466	0	26.38534	8.769962	17.61538	33.08261	1
1738.075	1737.565	1069.565	77.89	67.61	77.6	77.96	54.22708	1.908445	43.86447	21.06465	22.79983	32.64936	1
1738.08	1737.57	1069.57	75.64	42.26	74.25	72.45	70.95678	0	29.04322	23.04784	5.995377	33.26691	1
1738.085	1737.575	1069.575	75.69	19.33	75.58	75.33	66.53984	0	33.46016	18.17615	15.28401	33.73694	1
1738.09	1737.58	1069.58	76.27	21.74	76.59	76.83	62.09052	0	37.90948	26.21214	11.69734	34.37631	1
1738.095	1737.585	1069.585	77.45	54.5	77.22	75.06	57.3395	1.037874	41.62263	23.88843	17.7342	33.83016	1
1738.1	1737.59	1069.59	78.99	91.64	77.14	72.59	59.48982	0.308482	40.2017	10.87571	29.32599	34.00832	1
1738.105	1737.595	1069.595	75.84	44.53	75.5	74.78	62.08594	0	37.91406	9.292737	28.62132	34.14777	1
1738.11	1737.6	1069.6	73.32	42.43	72.35	69.35	69.79504	0	30.20496	17.37708	12.82788	33.62766	1
1738.115	1737.605	1069.605	72.43	35.5	71.1	69.04	75.0809	0	24.9191	23.73192	1.187181	33.26088	1
1738.12	1737.61	1069.61	72.49	38.95	72	66.78	67.6808	0	32.3192	14.36989	17.94931	34.17425	1
1738.125	1737.615	1069.615	72.81	28.95	71.88	69.29	73.2164	0	26.7836	18.11327	8.67033	33.40231	1
1738.13	1737.62	1069.62	73.58	30.16	72.55	71.06	72.99018	0	27.00982	11.37967	15.63015	33.20709	1
1738.135	1737.625	1069.625	71.45	20.9	70.76	70.16	74.5557	0	25.4443	5.720931	19.72337	32.97085	1
1738.14	1737.63	1069.63	67.01	13.6	66.41	66.1	79.7096	0	20.2904	17.04349	3.246908	32.83157	1
1738.145	1737.635	1069.635	66.77	15.13	66.14	65.82	79.79264	0	20.20736	13.17985	7.027511	32.84984	1
1738.15	1737.64	1069.64	66.55	25.25	65.42	64.91	81.421	0	18.579	9.663976	8.915024	33.1694	1
1738.155	1737.645	1069.645	68.14	30.25	67.01	66.74	78.7482	0	21.2518	6.11771	15.13409	33.01236	1
1738.16	1737.65	1069.65	70.23	26.38	69.92	70.57	71.40694	0	28.59306	6.751143	21.84192	32.75614	1
1738.165	1737.655	1069.655	68.33	16.8	67.75	66.61	77.5658	0	22.4342	22.4342	0	32.96447	1
1738.17	1737.66	1069.66	66.66	24.73	65.69	64.51	80.20564	0	19.79436	14.81714	4.977218	33.18108	1
1738.175	1737.665	1069.665	64.03	21.97	63.01	61.98	83.68066	0	16.31934	16.31934	0	33.40217	1
1738.18	1737.67	1069.67	65.26	35.06	63.67	62.39	83.79878	0	16.20122	16.20122	0	33.74569	1
1738.185	1737.675	1069.675	64.81	37.24	63.52	62.29	81.36022	0	18.63978	5.321247	13.31853	33.4955	1
1738.19	1737.68	1069.68	64.07	32.05	63.81	64.04	75.3145	0	24.6855	4.982184	19.70332	32.56453	1
1738.195	1737.685	1069.685	63.67	20.06	63.33	62.42	79.20408	0	20.79592	16.40627	4.389647	32.81781	1
1738.2	1737.69	1069.69	62.88	21.14	62.58	59.49	79.35952	0	20.64048	10.77416	9.866322	33.20465	1
1738.205	1737.695	1069.695	60.21	21.75	59.34	58.47	86.0858	0	13.9142	11.02668	2.887519	33.59621	1
1738.21	1737.7	1069.7	60.16	17.58	59.57	58.89	84.97094	0	15.02906	15.02906	0	33.25262	1
1738.215	1737.705	1069.705	58.92	10.7	58.47	58.41	86.6917	0	13.3083	13.3083	0	33.16522	1
1738.22	1737.71	1069.71	59.37	8.22	59.06	58.18	85.79286	0	14.20714	14.20714	0	33.11355	1
1738.225	1737.715	1069.715	61.37	36.09	60.3	58.46	83.09832	0	16.90168	5.79197	11.10971	33.73209	1
1738.23	1737.72	1069.72	63.66	50.22	62.04	60.96	81.83456	0	18.16544	8.808911	9.356529	33.80434	1
1738.235	1737.725	1069.725	62.6	36.85	61.37	60.53	83.0228	0	16.9772	8.094305	8.882895	33.58757	1
1738.24	1737.73	1069.73	60.59	16.83	60.11	59	83.90434	0	16.09566	8.518395	7.577265	33.16685	1
1738.245	1737.735	1069.735	61.84	23.48	61.14	59.82	82.85004	0	17.14996	17.14996	0	33.29385	1
1738.25	1737.74	1069.74	60.8	21.16	60.22	59.06	83.43828	0	16.56172	16.56172	0	33.23384	1
1738.255	1737.745	1069.745	60.73	27.21	60.27	59.67	81.10858	0	18.89142	9.840801	9.050619	32.95784	1
1738.26	1737.75	1069.75	59.74	28.99	58.76	57.47	85.61862	0	14.38138	13.95629	0.425088	33.78031	1
1738.265	1737.755	1069.755	59.75	24.14	59.37	57.24	82.13312	0	17.86688	17.86688	0	33.23581	1
1738.27	1737.76	1069.76	62.62	16.51	63.35	63.72	72.73668	0	27.26332	10.80834	16.45498	31.92691	1
1738.275	1737.765	1069.765	63.15	55.2	62.95	60.57	70.0936	0	29.9064	21.85595	8.050449	33.1894	1
1738.28	1737.77	1069.77	63.75	53.64	63.29	62.76	71.93412	0	28.06588	9.13939	18.92649	32.93221	1
1738.285	1737.775	1069.775	67.38	47.72	67	64.44	69.40716	0	30.59284	8.996692	21.59615	33.37757	1
1738.29	1737.78	1069.78	66.07	65.51	66.21	61.29	62.27718	0	37.72282	23.26803	14.45479	34.13177	1
1738.295	1737.785	1069.785	70.72	62.3	70.94	70.86	58.156	0.741999	41.102	15.19751	25.90449	33.02009	1
1738.3	1737.79	1069.79	66.92	53.7	66.27	63.83	70.4757	0	29.5243	6.093143	23.43116	33.41213	1
1738.305	1737.795	1069.795	69.7	74.59	69.09	68.78	62.55272	0.115155	37.33213	12.03137	25.30075	33.46234	1
1738.31	1737.8	1069.8	63.99	57.83	63.3	62.92	72.48184	0	27.51816	15.3424	12.17576	33.03082	1
1738.315	1737.805	1069.805	65.53	47.63	64.86	63.89	73.37844	0	26.62156	10.34167	16.27989	33.05686	1
1738.32	1737.81	1069.81	67.55	59.66	67.32	66.74	65.19878	0	34.80122	19.10664	15.69458	33.25814	1
1738.325	1737.815	1069.815	70.27	79.86	67.68	64.86	76.09798	0	23.90202	10.43451	13.46751	33.82809	1
1738.33	1737.82	1069.82	66.41	55.46	65.72	62.5	70.82898	0	29.17102	17.74344	11.42758	33.56436	1
1738.335	1737.825	1069.825	61.83	46.02	61.14	59.25	77.32706	0	22.67294	11.96006	10.71288	33.30048	1
1738.34	1737.83	1069.83	66.41	86.73	65.12	60.69	67.91164	0	32.08836	17.32719	14.76117	34.26556	1
1738.345	1737.835	1069.835	62.91	74.96	62.63	59.74	66.15248	0	33.84752	24.11719	9.730333	33.60036	1
1738.35	1737.84	1069.84	62.92	80.32	61.17	54.63	76.23866	0	23.76134	10.43623	13.32511	34.93402	1
1738.355	1737.845	1069.845	61.03	44.63	58.78	56.09	90.48944	0	9.51056	9.51056	0	35.43766	1
1738.36	1737.85	1069.85	60.4	57.7	58.06	57.33	88.6036	0	11.3964	11.3964	0	35.09535	1
1738.365	1737.855	1069.855	59.48	69.61	56.53	55.8	91.29528	0	8.70472	8.70472	0	36.08086	1
1738.37	1737.86	1069.86	57.6	30.91	56.82	57.37	85.57278	0	14.42722	3.292278	11.13494	33.39319	1
1738.375	1737.865	1069.865	54.78	10.62	54.83	53.46	86.64486	0	13.35514	10.49621	2.858928	33.07954	1
1738.38	1737.87	1069.87	54.53	13.59	54.93	55.49	83.44362	0	16.55638	15.70157	0.854809	32.17965	1
1738.385	1737.875	1069.875	55.17	16.51	56.02	55.14	78.66068	0	21.33932	14.78692	6.552397	31.82908	1
1738.39	1737.88	1069.88	54.09	17.72	53.9	53	87.42146	0	12.57854	12.57854	0	33.35429	1
1738.395	1737.885	1069.885	54.53	14.46	54.2	54.29	88.89058	0	11.10942	11.10942	0	33.41098	1
1738.4	1737.89	1069.89	53.42	11.6	53.27	52.59	89.2089	0	10.7911	7.927307	2.863793	33.43819	1

1738.405	1737.895	1069.895	55	23.55	54.41	54.35	88.2734	0	11.7266	11.7266	0	33.65791	1
1738.41	1737.9	1069.9	54.45	19.84	54.15	54.55	87.42972	0	12.57028	12.57028	0	33.21946	1
1738.415	1737.905	1069.905	56.02	24.65	54.79	53.22	92.0288	0	7.9712	7.9712	0	34.89542	1
1738.42	1737.91	1069.91	57.94	21.94	57.35	56	85.95822	0	14.04178	11.69923	2.342552	33.54866	1
1738.425	1737.915	1069.915	60.64	15.96	60.53	60.82	81.20138	0	18.79862	18.79862	0	32.501	1
1738.43	1737.92	1069.92	60.96	16.98	60.73	60.41	81.59014	0	18.40986	16.90273	1.507126	32.71644	1
1738.435	1737.925	1069.925	56.23	17.53	55.85	55.56	86.97114	0	13.02886	13.02886	0	33.29655	1
1738.44	1737.93	1069.93	57.01	20.78	56.96	56.94	82.90954	0	17.09046	3.917847	13.17261	32.6594	1
1738.445	1737.935	1069.935	79.03091	20.69035	79.00331	79.5277	62.49839	0	37.50161	21.34472	16.15689	34.57871	1
1738.45	1737.94	1069.94	83.54325	27.09451	83.21719	82.80606	59.11033	0.813312	40.07636	14.67449	25.40187	34.64955	1
1738.455	1737.945	1069.945	61.42	14.73	61.21	60.22	81.55644	0	18.44356	4.033969	14.40959	32.81289	2
1738.46	1737.95	1069.95	60.93	16.2	60.51	59.76	83.279	0	16.721	13.47647	3.244528	33.00942	2
1738.465	1737.955	1069.955	89.34529	17.40872	88.9397	88.27337	56.73274	2.197994	41.06927	21.52105	19.54823	34.6475	2
1738.47	1737.96	1069.96	92.31135	23.03234	91.72469	90.99136	54.04637	3.200786	42.75285	16.46944	26.28341	34.22016	2
1738.475	1737.965	1069.965	88.98371	19.81244	88.95474	89.53425	53.56493	3.661617	42.77345	23.01213	19.76133	33.78173	2
1738.48	1737.97	1069.97	88.71036	16.7704	88.5078	89.37595	55.89793	2.647554	41.45452	12.7388	28.71572	34.18062	2
1738.485	1737.975	1069.975	62.11	14.52	61.66	61.8	82.83246	0	17.16754	6.380285	10.78725	32.81483	2
1738.49	1737.98	1069.98	61.25	13.68	60.84	61.31	83.51694	0	16.48306	16.48306	0	32.77416	2
1738.495	1737.985	1069.985	60.98	14.64	60.87	61.48	81.20802	0	18.79198	18.79198	0	32.43544	2
1738.5	1737.99	1069.99	60.46	13.94	60.43	59.88	81.23582	0	18.76418	16.49594	2.268241	32.59212	2
1738.505	1737.995	1069.995	60.33	13.91	60.43	60.78	80.35518	0	19.64482	11.7959	7.84892	32.2992	2
1738.51	1738	1070	61.15	8.81	61.21	61.06	81.14498	0	18.85502	18.85502	0	32.43493	2
1738.515	1738.005	1070.005	62.37	8.53	62.53	62.64	79.31534	0	20.68466	20.68466	0	32.28269	2
1738.52	1738.01	1070.01	62.82	9.74	62.74	62.43	80.46852	0	19.53148	11.24123	8.290252	32.55006	2
1738.525	1738.015	1070.015	62.49	7.39	62.52	62.39	80.48832	0	19.51168	19.49542	0.016263	32.43862	2
1738.53	1738.02	1070.02	61.54	8.06	61.57	61.29	81.20018	0	18.79982	14.63229	4.167526	32.48188	2
1738.535	1738.025	1070.025	63.1	15.42	62.86	63.06	80.07636	0	19.92364	19.92364	0	32.55934	2
1738.54	1738.03	1070.03	62.01	11.37	61.83	60.98	81.59426	0	18.40574	4.037584	14.36816	32.75429	2
1738.545	1738.035	1070.035	61.06	7.94	60.94	60.25	82.83332	0	17.16668	14.29026	2.876422	32.72997	2
1738.55	1738.04	1070.04	63.2	18.19	62.2	60.87	85.20402	0	14.79598	14.79598	0	33.55645	2
1738.555	1738.045	1070.045	62.73	15.99	62.45	61.78	80.58882	0	19.41118	5.171325	14.23986	32.76171	2
1738.56	1738.05	1070.05	62.56	10.07	62.31	62.09	81.94536	0	18.05464	18.05464	0	32.69233	2
1738.565	1738.055	1070.055	62.09	8.25	62.25	62.72	79.6407	0	20.3593	16.31154	4.047764	32.21705	2
1738.57	1738.06	1070.06	62.28	9.12	62.26	62.57	80.65036	0	19.34964	10.01884	9.330801	32.39622	2
1738.575	1738.065	1070.065	60.61	12.21	60.19	59.98	84.53898	0	15.46102	12.17654	3.284476	32.97381	2
1738.58	1738.07	1070.07	61.48	11.85	61.16	60.83	83.0507	0	16.9493	14.64844	2.30086	32.82367	2
1738.585	1738.075	1070.075	91.09821	20.7063	90.8782	89.74882	52.88379	4.044583	43.07163	24.60638	18.46525	34.04271	2
1738.59	1738.08	1070.08	92.40214	32.5018	92.72698	88.76984	44.60709	8.103276	47.28963	31.34645	15.94318	33.21009	2
1738.595	1738.085	1070.085	91.52582	22.57302	91.55526	92.14414	50.10538	5.507789	44.38683	18.70749	25.67934	33.24304	2
1738.6	1738.09	1070.09	61.58	12.65	61.55	62.45	80.5176	0	19.4824	9.11422	10.36818	32.29503	2
1738.605	1738.095	1070.095	61.53	17.64	61.19	62.21	81.75852	0	18.24148	18.24148	0	32.54725	2
1738.61	1738.1	1070.1	60.78	22.37	60.81	61.77	78.43636	0	21.56364	6.077866	15.48577	32.21746	2
1738.615	1738.105	1070.105	61.78	17.9	61.62	60.8	80.0706	0	19.9294	13.57286	6.356544	32.7032	2
1738.62	1738.11	1070.11	59.89	16.8	59.34	58.98	85.0981	0	14.9019	12.22293	2.678966	33.17357	2
1738.625	1738.115	1070.115	60.24	15.71	60.07	61.11	82.09488	0	17.90512	17.90512	0	32.44481	2
1738.63	1738.12	1070.12	59.64	15.82	59.53	59.45	82.15526	0	17.84474	14.07269	3.772054	32.61588	2
1738.635	1738.125	1070.125	59.76	19.46	59.79	60.45	80.07898	0	19.92102	17.0325	2.88852	32.3039	2
1738.64	1738.13	1070.13	60.21	15.2	60.11	59.89	81.7034	0	18.2966	8.228617	10.06798	32.60635	2
1738.645	1738.135	1070.135	60.22	18.5	59.78	59.21	83.5306	0	16.4694	16.4694	0	33.0283	2
1738.65	1738.14	1070.14	58.48	16.27	58.21	56.51	84.35356	0	15.64644	13.79631	1.850127	33.18628	2
1738.655	1738.145	1070.145	83.43921	26.27271	82.89712	80.88567	61.07914	0.092448	38.82842	25.08924	13.73918	35.34429	2
1738.66	1738.15	1070.15	85.84628	43.11231	85.28519	82.29273	54.93667	1.975263	43.08807	26.16198	16.92609	34.24353	2
1738.665	1738.155	1070.155	83.33252	44.76035	82.31487	80.23658	60.38885	0	39.61115	21.39651	18.21464	34.84171	2
1738.67	1738.16	1070.16	57.11	21.72	57.16	56.8	81.81506	0	18.18494	11.82961	6.355333	32.57944	2
1738.675	1738.165	1070.165	57.05	23.44	56.23	55.19	88.19652	0	11.80348	11.80348	0	33.93154	2
1738.68	1738.17	1070.17	56.68	28.24	55.62	52.96	89.23532	0	10.76468	7.327076	3.437604	34.59723	2
1738.685	1738.175	1070.175	56.31	27.27	56.28	56.8	81.82796	0	18.17204	18.17204	0	32.53068	2
1738.69	1738.18	1070.18	56.17	23.13	55.64	54.29	86.83364	0	13.16636	6.192929	6.973431	33.64757	2
1738.695	1738.185	1070.185	58.1	24.14	57.41	57.22	86.05362	0	13.94638	13.94638	0	33.4281	2
1738.7	1738.19	1070.19	60.48	24.87	59.74	58.39	84.07486	0	15.92514	15.92514	0	33.44653	2
1738.705	1738.195	1070.195	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1739.01	1738.5	1070.5	68.99	42.76	69.83	69.91	59.67128	0	40.32872	17.7235	22.60522	33.54324	2
1739.015	1738.505	1070.505	69.45	23.93	69.37	69.05	70.93494	0	29.06506	14.10965	14.95541	32.86663	2
1739.02	1738.51	1070.51	70.52	16.15	70.24	69.15	73.3833	0	26.6167	17.77632	8.840381	33.00884	2
1739.025	1738.515	1070.515	70.18	15.81	69.7	69.21	75.32838	0	24.67162	21.00132	3.670304	32.86709	2
1739.03	1738.52	1070.52	69.38	16.65	69.05	68.22	74.6986	0	25.3014	11.55156	13.74984	32.88377	2
1739.035	1738.525	1070.525	70.86	20.72	70.49	69.15	72.66206	0	27.33794	23.50389	3.834054	33.10516	2
1739.04	1738.53	1070.53	69.68	19.93	69.24	68.21	74.48134	0	25.51866	21.39085	4.127814	32.95953	2
1739.045	1738.535	1070.535	70.21	24.95	69.56	68.44	74.4064	0	25.5936	8.670824	16.92278	33.03144	2
1739.05	1738.54	1070.54	71.4	30.45	70.71	69.57	72.2906	0	27.7094	18.6869	9.022501	33.12796	2
1739.055	1738.545	1070.545	71.01	18.53	70.63	70.88	73.13154	0	26.86846	9.759396	17.10906	32.80425	2
1739.06	1738.55	1070.55	70.73	19.36	70.3	68.72	73.57578	0	26.42422	13.98769	12.43653	33.1207	2
1739.065	1738.555	1070.555	70.01	21.62	69.59	68.86	73.61376	0	26.38624	13.55503	12.83121	32.93295	2

1739.07	1738.56	1070.56	68.83	23.4	68.66	67.39	72.3311	0	27.6689	8.173814	19.49509	32.97065	2
1739.075	1738.565	1070.565	66.83	17.67	66.43	66.44	77.34026	0	22.65974	4.749348	17.91039	32.6621	2
1739.08	1738.57	1070.57	67.17	23.55	66.7	65.86	76.147	0	23.853	10.93661	12.91639	32.85974	2
1739.085	1738.575	1070.575	67.19	28.49	67.14	66.04	71.67812	0	28.32188	9.224501	19.09738	32.85489	2
1739.09	1738.58	1070.58	67.29	25.72	67.22	65	72.41146	0	27.58854	21.25271	6.335826	33.04478	2
1739.095	1738.585	1070.585	65.07	19.56	64.41	63.45	80.51708	0	19.48292	19.48292	0	33.01553	2
1739.1	1738.59	1070.59	65.28	19.3	64.81	64.33	78.9143	0	21.0857	16.3298	4.755899	32.79182	2
1739.105	1738.595	1070.595	64.79	12.67	64.5	63.55	79.57456	0	20.42544	17.56448	2.860964	32.78417	2
1739.11	1738.6	1070.6	65.54	15.37	65.04	64.33	79.85866	0	20.14134	12.50197	7.639368	32.85951	2
1739.115	1738.605	1070.605	63.28	17.48	62.45	62.15	83.98474	0	16.01526	5.541177	10.47408	33.17564	2
1739.12	1738.61	1070.61	61.91	21.92	61.48	61	81.07066	0	18.92934	15.83726	3.092078	32.8628	2
1739.125	1738.615	1070.615	60.97	19.28	60.84	60.51	80.24934	0	19.75066	19.74031	0.010351	32.6002	2
1739.13	1738.62	1070.62	61.01	17.03	60.7	60.33	82.15204	0	17.84796	6.947797	10.90016	32.80053	2
1739.135	1738.625	1070.625	62.34	25.77	61.77	59.89	80.82836	0	19.17164	19.17164	0	33.21014	2
1739.14	1738.63	1070.63	62.21	23.76	61	60.27	86.39438	0	13.60562	8.505764	5.099856	33.73427	2
1739.145	1738.635	1070.635	62.2	25.91	61.33	60.74	83.24828	0	16.75172	12.0274	4.724322	33.28326	2
1739.15	1738.64	1070.64	62.76	32.69	61.94	60.44	80.70482	0	19.29518	16.04665	3.248529	33.30952	2
1739.155	1738.645	1070.645	60.53	44.29	60.45	58.68	74.21422	0	25.78578	4.578705	21.20707	32.85177	2
1739.16	1738.65	1070.65	59.08	29.97	58.12	56.92	85.83366	0	14.16634	14.16634	0	33.79677	2
1739.165	1738.655	1070.655	59.85	18.08	59.28	58.77	84.98014	0	15.01986	3.57571	11.44415	33.21068	2
1739.17	1738.66	1070.66	61.3	24.76	60.35	59.74	84.97458	0	15.02542	8.260842	6.764578	33.481	2
1739.175	1738.665	1070.665	63.67	38.28	62.41	61.96	81.92484	0	18.07516	11.84571	6.229449	33.41671	2
1739.18	1738.67	1070.67	65.98	24.29	65.32	64.65	78.53522	0	21.46478	5.733018	15.73176	32.91811	2
1739.185	1738.675	1070.675	64.34	19.18	63.99	63.53	78.87814	0	21.12186	20.30651	0.815347	32.72337	2
1739.19	1738.68	1070.68	63.23	23.01	63.32	64.06	75.56248	0	24.43752	19.8468	4.590716	32.22624	2
1739.195	1738.685	1070.685	63.25	36.51	62.76	60.19	76.77208	0	23.22792	8.115618	15.1123	33.22091	2
1739.2	1738.69	1070.69	60.52	13.61	60.18	59.94	83.66298	0	16.33702	10.5202	5.816822	32.87004	2
1739.205	1738.695	1070.695	58.78	44.57	57.35	55.21	86.21896	0	13.78104	13.78104	0	34.48214	2
1739.21	1738.7	1070.7	62.24	20.38	61.88	60.94	80.59724	0	19.40276	19.40276	0	32.87433	2
1739.215	1738.705	1070.705	65.25	21.9	64.83	63.62	77.9252	0	22.0748	16.04858	6.026219	32.89287	2
1739.22	1738.71	1070.71	69.57	39.86	68.55	68.62	74.25448	0	25.74552	16.11099	9.634527	32.89815	2
1739.225	1738.715	1070.715	66.65	46.73	67.22	67.39	62.95584	0	37.04416	23.06208	13.98208	32.96994	2
1739.23	1738.72	1070.72	64.19	48.96	64.02	59.76	70.41438	0	29.58562	13.85836	15.72726	33.49107	2
1739.235	1738.725	1070.725	63.36	42.95	62.02	58.74	81.6999	0	18.3001	18.3001	0	34.01428	2
1739.24	1738.73	1070.73	62.75	37.15	61.26	59.94	84.8272	0	15.1728	15.1728	0	33.93808	2
1739.245	1738.735	1070.735	60.92	20.37	60.53	60.78	82.04656	0	17.95344	11.64145	6.311994	32.75126	2
1739.25	1738.74	1070.74	61.49	18.99	61.37	61.09	79.76362	0	20.23638	8.881119	11.35526	32.56606	2
1739.255	1738.745	1070.745	61.68	18.65	61.42	61.66	80.7561	0	19.2439	11.3846	7.859298	32.59431	2
1739.26	1738.75	1070.75	61.65	19.09	61.49	61.39	79.90222	0	20.09778	8.930084	11.1677	32.56389	2
1739.265	1738.755	1070.755	63.55	19.62	63.09	62.09	80.35096	0	19.64904	7.211074	12.43797	32.92404	2
1739.27	1738.76	1070.76	63.43	15.96	63.26	62.77	79.09958	0	20.90042	17.11111	3.789308	32.61816	2
1739.275	1738.765	1070.765	63.27	11.63	63.05	62.45	80.68214	0	19.31786	14.57756	4.740299	32.69662	2
1739.28	1738.77	1070.77	64.52	12.07	64.58	64.68	77.25566	0	22.74434	11.60392	11.14042	32.3707	2
1739.285	1738.775	1070.775	65.9	16.47	65.67	65.5	77.16876	0	22.83124	3.923642	18.9076	32.60309	2
1739.29	1738.78	1070.78	66.03	25.93	66.37	66.33	70.34234	0	29.65766	6.444513	23.21315	32.49886	2
1739.295	1738.785	1070.785	65.7	38.26	65.53	63.39	71.61458	0	28.38542	8.97954	19.40588	33.05963	2
1739.3	1738.79	1070.79	66.03	41.89	64.92	61.83	77.71752	0	22.28248	16.63934	5.64314	33.60301	2
1739.305	1738.795	1070.795	64.88	32.14	64.27	62.62	77.26002	0	22.73998	9.828681	12.9113	33.08912	2
1739.31	1738.8	1070.8	63.81	32.51	62.96	61.45	80.01488	0	19.98512	16.14524	3.839884	33.27074	2
1739.315	1738.805	1070.805	63.43	20.46	62.96	62.22	80.33558	0	19.66442	4.936713	14.72771	32.88468	2
1739.32	1738.81	1070.81	63.41	14.3	63.08	62.98	80.7597	0	19.2403	11.78946	7.450841	32.6792	2
1739.325	1738.815	1070.815	63.46	22.55	63.59	62.68	75.1522	0	24.8478	5.617396	19.2304	32.51373	2
1739.33	1738.82	1070.82	63.22	35.6	63.46	63.5	71.3624	0	28.6376	24.06973	4.567869	32.3773	2
1739.335	1738.825	1070.825	63.13	31.54	62.7	61.98	77.62022	0	22.37978	14.80444	7.575337	32.83566	2
1739.34	1738.83	1070.83	60.89	28.52	60.45	59.68	80.48936	0	19.51064	19.51064	0	32.94376	2
1739.345	1738.835	1070.835	60.88	33.29	60.37	60.39	79.88672	0	20.11328	3.425755	16.68752	32.8471	2
1739.35	1738.84	1070.84	61.65	27.61	61.37	61.68	78.77038	0	21.22962	18.28665	2.942973	32.56892	2
1739.355	1738.845	1070.845	63.8	35.61	63.55	63.33	74.62388	0	25.37612	16.43145	8.944674	32.64508	2
1739.36	1738.85	1070.85	63.36	38.23	62.72	61.33	77.41714	0	22.58286	22.23022	0.352638	33.10121	2
1739.365	1738.855	1070.855	62.32	30.1	61.86	60.33	78.9464	0	21.0536	7.538285	13.51531	33.03227	2
1739.37	1738.86	1070.86	62.04	31.93	61.74	60.27	77.52114	0	22.47886	15.70968	6.76918	32.90089	2
1739.375	1738.865	1070.865	61.55	58.02	61.18	55.83	72.20066	0	27.79934	9.048779	18.75056	33.78777	2
1739.38	1738.87	1070.87	60.7	47.93	59.92	56.27	78.60194	0	21.39806	16.43477	4.963291	33.75168	2
1739.385	1738.875	1070.875	62.81	59.55	60.94	59.45	82.2962	0	17.7038	17.7038	0	34.16621	2
1739.39	1738.88	1070.88	64.69	74.7	62.5	59.65	79.3803	0	20.6197	10.03821	10.58149	34.37657	2
1739.395	1738.885	1070.885	65.57	93.83	62.45	58.86	81.14874	0	18.85126	18.85126	0	35.07626	2
1739.4	1738.89	1070.89	61.49	46.19	60	59.39	83.79872	0	16.20128	16.20128	0	33.87358	2
1739.405	1738.895	1070.895	61.04	15.15	60.4	59.94	85.1369	0	14.8631	14.72203	0.141068	33.21131	2
1739.41	1738.9	1070.9	61.73	17.42	61.27	60.8	82.55776	0	17.44224	12.92416	4.51808	32.92953	2
1739.415	1738.905	1070.905	61.74	14.31	61.41	61.27	82.29368	0	17.70632	17.70632	0	32.75701	2
1739.42	1738.91	1070.91	61.84	13.86	61.76	61.72	80.37308	0	19.62692	16.17516	3.451762	32.49525	2
1739.425	1738.915	1070.915	63.2	20.01	63.27	63.39	76.47108	0	23.52892	21.81774	1.711178	32.3411	2
1739.43	1738.92	1070.92	64.12	29.02	63.43	62.57	79.33426	0	20.66574	16.15031	4.515433	33.02102	2

1739.435	1738.925	1070.925	62.68	24.65	61.89	61.39	82.4916	0	17.5084	17.5084	0	33.15126	2
1739.44	1738.93	1070.93	61.86	22.39	61.51	60.98	80.38292	0	19.61708	7.334751	12.28233	32.7939	2
1739.445	1738.935	1070.935	61.16	22.12	61.27	61.62	77.52726	0	22.47274	18.64436	3.828384	32.25422	2
1739.45	1738.94	1070.94	62.16	39.09	61.33	60.27	79.78552	0	20.21448	11.97016	8.24432	33.24736	2
1739.455	1738.945	1070.945	61.5	30.22	60.72	59.86	82.15176	0	17.84824	8.022807	9.825433	33.25733	2
1739.46	1738.95	1070.95	61.29	18.41	61.06	60.98	80.94048	0	19.05952	16.82732	2.232198	32.63989	2
1739.465	1738.955	1070.955	60.77	19.71	60.61	61	80.56178	0	19.43822	19.43822	0	32.49877	2
1739.47	1738.96	1070.96	61.47	18.71	61.63	61.45	77.67978	0	22.32022	14.44131	7.878905	32.31275	2
1739.475	1738.965	1070.965	62.03	25.59	61.47	59.51	81.07962	0	18.92038	6.806916	12.11346	33.2309	2
1739.48	1738.97	1070.97	61.1	26.82	60.57	59.22	81.40506	0	18.59494	6.02957	12.56537	33.13746	2
1739.485	1738.975	1070.975	60.77	18.12	60.59	59.51	81.10156	0	18.89844	10.01607	8.882369	32.79825	2
1739.49	1738.98	1070.98	61.36	25.02	60.76	58.39	82.14396	0	17.85604	17.85604	0	33.39364	2
1739.495	1738.985	1070.985	59.84	22.88	59.35	57.89	83.20774	0	16.79226	15.58863	1.203634	33.23356	2
1739.5	1738.99	1070.99	61.93	37.54	61.33	58.92	78.58972	0	21.41028	16.60536	4.804918	33.31266	2
1739.505	1738.995	1070.995	61.73	25.05	61.78	59.78	76.7588	0	23.2412	16.74637	6.494835	32.73629	2
1739.51	1739	1071	62.37	27.45	61.94	59.55	79.3092	0	20.6908	8.17145	12.51935	33.16928	2
1739.515	1739.005	1071.005	61.03	32.97	60.49	58.92	80.05866	0	19.94134	17.26337	2.677975	33.16105	2
1739.52	1739.01	1071.01	59.23	19.28	59.53	60.09	78.51764	0	21.48236	21.48236	0	32.06437	2
1739.525	1739.015	1071.015	60.14	24.46	60.26	61.55	77.82188	0	22.17812	15.54391	6.634209	32.07757	2
1739.53	1739.02	1071.02	61.47	16.25	61.33	62.74	80.6001	0	19.3999	10.24587	9.154032	32.28188	2
1739.535	1739.025	1071.025	61.45	24.33	61.19	61.74	79.59314	0	20.40686	3.383648	17.02321	32.51986	2
1739.54	1739.03	1071.03	63.45	19.28	62.63	61.05	83.31524	0	16.68476	3.150384	13.53438	33.36618	2
1739.545	1739.035	1071.035	64.74	20.41	64.57	64.09	76.81748	0	23.18252	14.13807	9.044451	32.61422	2
1739.55	1739.04	1071.04	63.61	30.58	63.14	62.83	77.72094	0	22.27906	14.92416	7.354899	32.77575	2
1739.555	1739.045	1071.045	67.08	21.01	66.9	66.11	74.59698	0	25.40302	18.10321	7.299807	32.74978	2
1739.56	1739.05	1071.05	64.96	27.41	64.37	63.21	78.17608	0	21.82392	15.20582	6.618096	32.98295	2
1739.565	1739.055	1071.055	66.3	31.62	65.24	63.94	79.56696	0	20.43304	10.88482	9.548225	33.2423	2
1739.57	1739.06	1071.06	66.96	28.32	66.37	64.68	76.11586	0	23.88414	14.07345	9.810688	33.06465	2
1739.575	1739.065	1071.065	65.56	26.77	65.04	63.33	77.23646	0	22.76354	12.70496	10.05858	33.03571	2
1739.58	1739.07	1071.07	65.57	48.67	63.89	62.66	80.91746	0	19.08254	14.71322	4.369317	33.66195	2
1739.585	1739.075	1071.075	64.36	31.1	63.51	61.68	79.8501	0	20.1499	20.1499	0	33.30159	2
1739.59	1739.08	1071.08	64.19	25.21	63.62	62.8	79.26188	0	20.73812	14.69862	6.039504	32.93136	2
1739.595	1739.085	1071.085	63.65	35.62	63.17	62	76.54196	0	23.45804	4.673675	18.78437	32.94473	2
1739.6	1739.09	1071.09	64.32	27.73	64.35	63.86	73.88244	0	26.11756	11.40133	14.71623	32.53975	2
1739.605	1739.095	1071.095	65.44	31.3	64.88	62.86	76.5606	0	23.4394	7.322609	16.11679	33.11992	2
1739.61	1739.1	1071.1	66.57	36.43	65.81	63.4	75.82954	0	24.17046	16.15054	8.019918	33.28512	2
1739.615	1739.105	1071.105	67.67	23.89	67.37	66.71	74.28722	0	25.71278	15.41879	10.29399	32.79422	2
1739.62	1739.11	1071.11	68.41	23.05	68.61	69.24	69.9347	0	30.0653	8.809805	21.25549	32.601	2
1739.625	1739.115	1071.115	67.07	19.43	66.98	67.06	74.29104	0	25.70896	22.51354	3.195424	32.55887	2
1739.63	1739.12	1071.12	68.15	26.64	67.74	69.06	74.03262	0	25.96738	17.59603	8.37135	32.48409	2
1739.635	1739.125	1071.125	68.1	41.16	68.94	69.82	60.87728	0	39.12272	19.10389	20.01883	33.1284	2
1739.64	1739.13	1071.13	66.32	37.18	67	66	64.71804	0	35.28196	9.196172	26.08579	32.94347	2
1739.645	1739.135	1071.135	66.05	27.59	66.47	65.33	69.30222	0	30.69778	12.42618	18.2716	32.72093	2
1739.65	1739.14	1071.14	67.22	35.75	67.57	69.12	66.7936	0	33.2064	8.144706	25.06169	32.49871	2
1739.655	1739.145	1071.145	67.41	49.38	66.57	64.78	72.54284	0	27.45716	12.17281	15.28435	33.26929	2
1739.66	1739.15	1071.15	63.82	33.82	63.29	62.13	77.20866	0	22.79134	18.60147	4.189871	32.96835	2
1739.665	1739.155	1071.155	62.95	21.06	62.51	61.68	80.39948	0	19.60052	6.769067	12.83145	32.88905	2
1739.67	1739.16	1071.16	61.79	27.91	61.44	60.77	79.11148	0	20.88852	3.595558	17.29296	32.8017	2
1739.675	1739.165	1071.165	62.34	36.77	62.62	62.74	71.57886	0	28.42114	14.33738	14.08376	32.30463	2
1739.68	1739.17	1071.17	62	50.9	60.8	57.27	79.9422	0	20.0578	17.54836	2.509442	34.01223	2
1739.685	1739.175	1071.175	61.48	43.47	60.35	57.42	81.67616	0	18.32384	6.944603	11.37924	33.91814	2
1739.69	1739.18	1071.18	61.99	43.39	61.66	58.62	75.02632	0	24.97368	18.0604	6.913283	33.23663	2
1739.695	1739.185	1071.185	60.98	42.85	60	56.43	81.1237	0	18.8763	9.61522	9.26108	33.92829	2
1739.7	1739.19	1071.19	62.31	36.74	61.7	60.29	78.51122	0	21.48878	5.374191	16.11459	33.11899	2
1739.705	1739.195	1071.195	63.23	30.25	62.88	61.21	77.2204	0	22.7796	4.580831	18.19877	32.95082	2
1739.71	1739.2	1071.2	60.32	26.42	59	57.17	88.34196	0	11.65804	11.65804	0	34.31029	2
1739.715	1739.205	1071.205	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1740	1739.49	1071.49	66.02	40.28	64.7	61.96	79.74384	0	20.25616	4.301987	15.95417	33.66529	2
1740.005	1739.495	1071.495	100.9662	53.22292	98.152	95.51836	56.04142	0	43.95858	19.38491	24.57367	29.86144	2
1740.01	1739.5	1071.5	96.95345	59.39782	94.74962	92.04292	53.50819	0	46.49181	28.76823	17.72358	33.69951	2
1740.015	1739.505	1071.505	97.69784	45.23196	96.13827	92.26935	51.25849	2.081751	46.65975	23.99531	22.66445	34.46847	2
1740.02	1739.51	1071.51	96.46595	34.40762	96.30297	95.45847	44.18773	8.569602	47.24266	21.15956	26.08311	32.63098	2
1740.025	1739.515	1071.515	66.13	35.59	65.76	62.98	73.41512	0	26.58488	19.48405	7.100825	33.21252	2
1740.03	1739.52	1071.52	63.76	23.58	63.24	61.77	79.66444	0	20.33556	5.565485	14.77007	33.02936	2
1740.035	1739.525	1071.525	64.11	24.92	63.96	63.45	76.15066	0	23.84934	11.5364	12.31294	32.60488	2
1740.04	1739.53	1071.53	66.87	35.7	67	67.45	68.8327	0	31.1673	12.63932	18.52798	32.62077	2
1740.045	1739.535	1071.535	64.79	44.35	64.24	62.77	73.923	0	26.077	4.283541	21.79346	33.06352	2
1740.05	1739.54	1071.54	64.43	46.31	64.09	63.15	72.15238	0	27.84762	14.66249	13.18513	32.89885	2
1740.055	1739.545	1071.545	64.1	42.37	63.1	61.21	78.52446	0	21.47554	10.11354	11.362	33.40714	2
1740.06	1739.55	1071.55	61.45	22.57	60.72	60.05	83.66156	0	16.33844	16.33844	0	33.23209	2
1740.065	1739.555	1071.555	61.61	15.34	61.13	60.68	83.32652	0	16.67348	16.67348	0	32.96772	2
1740.07	1739.56	1071.56	62.43	27.96	61.92	60.86	79.75058	0	20.24942	20.24942	0	32.98301	2
1740.075	1739.565	1071.565	62.67	45.49	61.18	59.05	82.88252	0	17.11748	14.9587	2.158781	34.00548	2

1740.08	1739.57	1071.57	60.61	26.58	60.12	57.33	81.60394	0	18.39606	12.11223	6.28383	33.38921	2
1740.085	1739.575	1071.575	59.31	15	58.94	56.98	84.6723	0	15.3277	6.403194	8.924506	33.29668	2
1740.09	1739.58	1071.58	57.64	16.02	57.37	56.33	85.18686	0	14.81314	14.81314	0	33.12917	2
1740.095	1739.585	1071.585	57.18	14.28	56.43	54.45	89.75114	0	10.24886	10.24886	0	34.12947	2
1740.1	1739.59	1071.59	56.98	15.3	56.15	55.33	90.3083	0	9.6917	9.6917	0	34.06178	2
1740.105	1739.595	1071.595	59.08	14.96	58.5	57.55	86.52108	0	13.47892	13.47892	0	33.41802	2
1740.11	1739.6	1071.6	59.17	15.6	58.8	57.33	84.6559	0	15.3441	12.4786	2.865497	33.21112	2
1740.115	1739.605	1071.605	57.79	13.91	57.82	58.68	83.23448	0	16.76552	16.76552	0	32.38676	2
1740.12	1739.61	1071.61	56.8	21.56	56.61	56.89	83.99898	0	16.00102	16.00102	0	32.78631	2
1740.125	1739.615	1071.615	57	18.24	56.21	55.51	89.26842	0	10.73158	10.73158	0	33.90918	2
1740.13	1739.62	1071.62	57.72	11.55	57.45	56.33	86.195	0	13.805	13.805	0	33.19514	2
1740.135	1739.625	1071.625	56.49	12.09	55.94	55.33	89.36592	0	10.63408	10.63408	0	33.67956	2
1740.14	1739.63	1071.63	56.5	14.99	56.21	56.27	86.63992	0	13.36008	13.36008	0	33.085	2
1740.145	1739.635	1071.635	57.13	18.81	56.33	55.27	89.08838	0	10.91162	10.91162	0	33.96224	2
1740.15	1739.64	1071.64	78.04463	15.03284	77.46571	76.50083	69.04766	0	30.95234	11.55444	19.3979	33.70532	2
1740.155	1739.645	1071.645	81.06776	26.51802	80.1561	79.74936	66.06567	0	33.93433	15.45149	18.48283	33.8405	2
1740.16	1739.65	1071.65	78.48981	27.21187	77.76768	77.82323	66.8006	0	33.1994	12.28398	20.91542	33.61118	2
1740.165	1739.655	1071.655	77.45855	26.94529	77.38902	77.87574	62.75625	0	37.24375	16.84708	20.39667	34.21696	2
1740.17	1739.66	1071.66	75.43438	25.96588	75.90429	74.35636	60.67482	0.002538	39.32264	7.512197	31.81044	34.75446	2
1740.175	1739.665	1071.665	75.83353	27.69988	75.15471	72.49486	68.79062	0	31.20938	7.233245	23.97614	33.77899	2
1740.18	1739.67	1071.67	77.14624	32.52428	75.68064	73.97776	72.51296	0	27.48704	18.87505	8.611984	33.11809	2
1740.185	1739.675	1071.675	53.66	18.35	53.33	53.51	88.7496	0	11.2504	9.696703	1.553697	33.42634	2
1740.19	1739.68	1071.68	53.11	20.52	52.98	53.09	87.18046	0	12.81954	12.81954	0	33.12654	2
1740.195	1739.685	1071.685	53.31	30.4	53	53.27	86.0005	0	13.9995	13.9995	0	33.22768	2
1740.2	1739.69	1071.69	53.97	45.42	51.86	48.92	95.70846	0	4.29154	4.29154	0	36.82637	2
1740.205	1739.695	1071.695	51.78	29.58	50.39	48.39	95.97654	0	4.02346	4.02346	0	36.04669	2
1740.21	1739.7	1071.7	50.66	18.5	50.44	49.83	90.6208	0	9.3792	8.738278	0.640922	33.80912	1
1740.215	1739.705	1071.705	52.02	18.41	51.57	51.74	91.17388	0	8.82612	8.82612	0	33.90087	1
1740.22	1739.71	1071.71	51.34	20.97	51.08	49.45	89.70746	0	10.29254	10.29254	0	33.91833	1
1740.225	1739.715	1071.715	51.69	23.41	50.55	48.63	95.61498	0	4.38502	4.38502	0	35.67347	1
1740.23	1739.72	1071.72	51.3	14.36	50.65	49.96	94.36638	0	5.63362	5.63362	0	34.70506	1
1740.235	1739.725	1071.725	50.73	8.16	50.51	50.12	93.05868	0	6.94132	6.94132	0	33.99925	1
1740.24	1739.73	1071.73	49.25	6.68	49.22	48.89	93.30594	0	6.69406	6.69406	0	33.87877	1
1740.245	1739.735	1071.735	50.88	8.67	50.69	50.61	92.56476	0	7.43524	7.43524	0	33.84061	1
1740.25	1739.74	1071.74	50.44	8.92	50.25	49.98	92.90906	0	7.09094	5.652688	1.438252	33.94483	1
1740.255	1739.745	1071.745	50.96	19.87	50.2	49.89	94.19826	0	5.80174	5.80174	0	34.78953	1
1740.26	1739.75	1071.75	51.11	12.77	50.51	50.68	94.53846	0	5.46154	5.46154	0	34.51835	1
1740.265	1739.755	1071.755	52.24	16.53	51.35	50.55	94.83644	0	5.16356	5.16356	0	34.99809	1
1740.27	1739.76	1071.76	51.15	7.94	50.89	51	93.03552	0	6.96448	6.96448	0	33.92321	1
1740.275	1739.765	1071.765	52.92	12.8	52.45	51.86	91.8585	0	8.1415	8.1415	0	34.05918	1
1740.28	1739.77	1071.77	51.28	24.42	49.9	48.98	97.60776	0	2.39224	2.39224	0	36.10474	1
1740.285	1739.775	1071.775	50.43	16.35	49.52	48.72	96.7002	0	3.2998	3.2998	0	35.43366	1
1740.29	1739.78	1071.78	50.79	7.39	50.45	49.68	94.11982	0	5.88018	5.88018	0	34.33497	1
1740.295	1739.785	1071.785	51.62	7.41	51.35	50.51	92.80888	0	7.19112	7.19112	0	34.05161	1
1740.3	1739.79	1071.79	51.4	6.89	51.18	50.61	92.74962	0	7.25038	7.25038	0	33.94883	1
1740.305	1739.795	1071.795	52.82	7.47	52.51	52.15	92.00036	0	7.99964	4.895875	3.103765	33.84262	1
1740.31	1739.8	1071.8	53.38	6.63	53.25	52.98	90.29344	0	9.70656	9.70656	0	33.41427	1
1740.315	1739.805	1071.805	53.5	9.38	53.24	52.27	90.52504	0	9.47496	9.47496	0	33.71056	1
1740.32	1739.81	1071.81	52.31	10.15	51.94	51.57	92.286	0	7.714	7.714	0	33.98417	1
1740.325	1739.815	1071.815	52.42	5.7	52.33	51.98	91.0917	0	8.9083	8.9083	0	33.51288	1
1740.33	1739.82	1071.82	53.14	7.34	52.94	52.22	90.88492	0	9.11508	9.11508	0	33.64855	1
1740.335	1739.825	1071.825	52.59	9.77	52.39	51.45	90.80286	0	9.19714	9.19714	0	33.71879	1
1740.34	1739.83	1071.83	52.47	10.07	52.61	50.8	88.20566	0	11.79434	11.79434	0	33.26221	1
1740.345	1739.835	1071.835	51.51	22.51	50.91	48	91.81338	0	8.18662	3.825835	4.360785	34.76168	1
1740.35	1739.84	1071.84	51.62	21.01	50.94	49.74	92.69518	0	7.30482	7.30482	0	34.62633	1
1740.355	1739.845	1071.845	51.34	30.4	49.8	48.86	97.3454	0	2.6546	2.6546	0	36.27545	1
1740.36	1739.85	1071.85	49.76	11.11	49.33	48.44	94.86468	0	5.13532	5.13532	0	34.64774	1
1740.365	1739.855	1071.855	49.18	8.15	49.15	48.15	93.0146	0	6.9854	6.9854	0	33.9759	1
1740.37	1739.86	1071.86	48.87	10.81	49.02	48.51	91.26108	0	8.73892	8.73892	0	33.49379	1
1740.375	1739.865	1071.865	47.88	11.74	48.39	48.5	89.15682	0	10.84318	10.84318	0	32.78032	1
1740.38	1739.87	1071.87	48.16	8.38	48.12	48.51	93.97484	0	6.02516	4.86319	1.16197	33.91765	1
1740.385	1739.875	1071.875	47.33	6.37	47.27	47.15	95.37986	0	4.62014	4.62014	0	34.27226	1
1740.39	1739.88	1071.88	47.05	6.25	47.02	47.22	95.434	0	4.566	4.566	0	34.2016	1
1740.395	1739.885	1071.885	47.65	9.28	47.61	47.98	94.22624	0	5.77376	5.77376	0	33.99157	2
1740.4	1739.89	1071.89	52.1	26.46	51.15	49.62	93.02718	0	6.97282	6.97282	0	35.01982	2
1740.405	1739.895	1071.895	55.14	39.36	54.34	50.22	85.94608	0	14.05392	5.374473	8.679447	34.46915	2
1740.41	1739.9	1071.9	56.91	43.01	54.65	52.8	94.74938	0	5.25062	5.25062	0	36.27906	2
1740.415	1739.905	1071.905	57.9	27.63	56.49	54.37	90.97304	0	9.02696	9.02696	0	34.88988	2
1740.42	1739.91	1071.91	59.11	23.69	58.29	57.11	86.24082	0	13.75918	13.75918	0	33.66833	2
1740.425	1739.915	1071.915	60.08	33.65	59.25	57.57	83.0156	0	16.9844	10.33453	6.649872	33.55428	2
1740.43	1739.92	1071.92	57.88	18.53	57.33	57.51	86.52864	0	13.47136	11.1883	2.283064	33.24542	2
1740.435	1739.925	1071.925	57.37	15.93	56.98	56.89	86.38704	0	13.61296	7.585901	6.027059	33.15269	2
1740.44	1739.93	1071.93	59.37	13.87	59.15	58.8	83.72806	0	16.27194	12.63834	3.633598	32.81399	2

1740.445	1739.935	1071.935	61.36	38.61	60.63	59.21	79.86268	0	20.13732	11.0368	9.100522	33.26602	2
1740.45	1739.94	1071.94	60.98	24.06	60.17	58.89	84.35338	0	15.64662	3.336317	12.3103	33.46371	2
1740.455	1739.945	1071.945	62.4	39.72	61.48	60.78	80.10976	0	19.89024	11.66119	8.229048	33.23497	2
1740.46	1739.95	1071.95	63.08	29.84	62.65	62.8	78.07762	0	21.92238	11.5158	10.40658	32.66678	2
1740.465	1739.955	1071.955	61.63	30.37	61.01	60.07	80.75586	0	19.24414	19.03961	0.204528	33.09037	2
1740.47	1739.96	1071.96	60.07	29.94	59.44	57.74	82.37262	0	17.62738	17.5503	0.077076	33.35534	2
1740.475	1739.965	1071.965	58.47	21.05	57.63	55.74	87.6235	0	12.3765	12.3765	0	33.94976	2
1740.48	1739.97	1071.97	59.35	25.7	58.68	57.83	84.3711	0	15.6289	12.55086	3.078044	33.35206	2
1740.485	1739.975	1071.975	59.39	29.14	59.17	59.84	80.01432	0	19.98568	13.89526	6.09042	32.51849	2
1740.49	1739.98	1071.98	59.43	32.9	58.82	58.27	82.0901	0	17.9099	3.779935	14.12997	33.14952	2
1740.495	1739.985	1071.985	57.67	30.96	56.76	55.11	86.50378	0	13.49622	13.49622	0	33.96344	2
1740.5	1739.99	1071.99	58.74	38.54	57.35	55.57	87.40502	0	12.59498	6.233762	6.361218	34.44215	2
1740.505	1739.995	1071.995	59.26	55.77	57.99	57.46	81.82696	0	18.17304	16.05418	2.118858	33.77972	2
1740.51	1740	1072	59.24	44.48	57.89	56.57	85.19754	0	14.80246	7.900633	6.901827	34.13983	2
1740.515	1740.005	1072.005	57.03	20.81	56.24	55.8	88.61888	0	11.38112	6.173086	5.208034	33.80549	2
1740.52	1740.01	1072.01	58.14	21.53	57.51	56.33	86.18344	0	13.81656	13.44477	0.371788	33.53993	2
1740.525	1740.015	1072.015	59.29	23.97	58.79	58.39	83.52746	0	16.47254	8.089114	8.383426	33.0764	2
1740.53	1740.02	1072.02	58.99	19.96	58.51	58.43	84.61888	0	15.38112	15.38112	0	33.06087	2
1740.535	1740.025	1072.025	59.67	24.16	59.55	60.02	80.18688	0	19.81312	7.207932	12.60519	32.45918	2
1740.54	1740.03	1072.03	61.99	16	61.55	62	82.5072	0	17.4928	17.4928	0	32.72447	2
1740.545	1740.035	1072.035	61.88	17.86	61.65	63.65	80.53078	0	19.46922	10.08868	9.380537	32.2265	2
1740.55	1740.04	1072.04	62.74	20.57	61.72	61.48	85.20626	0	14.79374	14.79374	0	33.38	2
1740.555	1740.045	1072.045	60.71	23.82	60.06	59.04	83.41986	0	16.58014	16.58014	0	33.25171	2
1740.56	1740.05	1072.05	60.86	18.97	60.25	60.27	84.14556	0	15.85444	15.85444	0	33.04839	2
1740.565	1740.055	1072.055	60.96	20.58	60.72	60.79	80.79644	0	19.20356	19.20356	0	32.6152	2
1740.57	1740.06	1072.06	60.95	15.56	60.92	61.49	80.39298	0	19.60702	13.40934	6.197684	32.34264	2
1740.575	1740.065	1072.065	60.89	27.52	60	59.76	84.21886	0	15.78114	8.484857	7.296283	33.33893	2
1740.58	1740.07	1072.07	59.67	18.27	59.26	59.81	83.85976	0	16.14024	16.14024	0	32.81402	2
1740.585	1740.075	1072.075	58.99	14.75	58.45	58.39	86.3447	0	13.6553	12.48669	1.168606	33.20576	2
1740.59	1740.08	1072.08	60.19	16.45	59.49	58.2	86.0693	0	13.9307	7.822007	6.108693	33.50027	2
1740.595	1740.085	1072.085	59.49	11.26	59.07	58.56	85.79928	0	14.20072	11.67748	2.523238	33.1212	2
1740.6	1740.09	1072.09	59.18	9.82	58.88	58.71	85.50296	0	14.49704	8.763794	5.733246	32.94411	2
1740.605	1740.095	1072.095	58.83	6.39	58.88	58.94	83.94252	0	16.05748	4.692339	11.36514	32.51208	2
1740.61	1740.1	1072.1	58.98	10.37	59.11	60.33	82.22136	0	17.77864	7.130422	10.64822	32.15757	2
1740.615	1740.105	1072.105	58.65	18.16	58.96	60.43	79.24478	0	20.75522	7.1044	13.65082	31.88831	2
1740.62	1740.11	1072.11	58.38	14.71	58.53	59.88	81.56808	0	18.43192	17.51854	0.913378	32.10735	2
1740.625	1740.115	1072.115	56.01	16.15	55.67	54.91	87.1975	0	12.8025	11.94696	0.855542	33.34849	2
1740.63	1740.12	1072.12	55.28	15.04	54.86	53.43	88.75772	0	11.24228	11.24228	0	33.71555	2
1740.635	1740.125	1072.125	54.58	9.83	54.37	53.86	89.03504	0	10.96496	10.96496	0	33.37275	2
1740.64	1740.13	1072.13	54.26	11.92	53.77	53.33	90.99366	0	9.00634	9.00634	0	33.87002	2
1740.645	1740.135	1072.135	55.97	12.01	55.66	55.45	88.00368	0	11.99632	11.99632	0	33.2712	2
1740.65	1740.14	1072.14	79.10269	28.25855	77.89673	77.50409	69.73316	0	30.26684	23.70756	6.559281	33.17972	2
1740.655	1740.145	1072.145	78.55733	24.57686	77.66049	78.90766	68.73014	0	31.26986	19.05389	12.21596	33.1333	2
1740.66	1740.15	1072.15	56.14	23.98	55.33	55.09	88.82554	0	11.17446	7.355926	3.818534	33.87258	2
1740.665	1740.155	1072.155	56.46	20.51	55.82	55.09	88.05338	0	11.94662	11.94662	0	33.69698	2
1740.67	1740.16	1072.16	56.79	8.99	56.78	57.22	85.65512	0	14.34488	9.035513	5.309367	32.64634	2
1740.675	1740.165	1072.165	56.33	13.11	56.33	56.02	85.00378	0	14.99622	11.53015	3.466071	32.75852	2
1740.68	1740.17	1072.17	57.75	16.04	57.18	56.27	87.40582	0	12.59418	8.89375	3.70043	33.52821	2
1740.685	1740.175	1072.175	60.23	26.09	59.56	59.24	83.46712	0	16.53288	14.07088	2.462001	33.1653	2
1740.69	1740.18	1072.18	60.02	21.61	59.49	58.94	83.65948	0	16.34052	8.210298	8.130222	33.10069	2
1740.695	1740.185	1072.185	63.16	36.8	63	61.57	74.2272	0	25.7728	8.13783	17.63497	32.80817	2
1740.7	1740.19	1072.19	58.25	60.27	59.2	55.67	64.46216	0	35.53784	11.10572	24.43212	32.81437	2
1740.705	1740.195	1072.195	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1741.01	1740.5	1072.5	82.601	29.1764	81.97121	81.91523	61.82729	0	38.17271	21.52149	16.65121	34.72411	2
1741.015	1740.505	1072.505	81.57046	66.59149	79.99141	78.8002	61.07768	0	38.92232	21.50657	17.41575	33.77363	2
1741.02	1740.51	1072.51	61.63	33.56	60.37	59.15	84.94388	0	15.05612	13.84657	1.209547	33.81523	2
1741.025	1740.515	1072.515	62.54	20.23	62.49	62.62	77.95504	0	22.04496	10.91205	11.13291	32.40011	2
1741.03	1740.52	1072.52	93.44732	27.16353	93.13731	93.32922	49.8575	5.371364	44.77113	20.94916	23.82197	33.28266	2
1741.035	1740.525	1072.525	97.32496	33.9333	97.41458	97.14572	41.55464	10.66537	47.77999	16.30108	31.47891	32.14705	2
1741.04	1740.53	1072.53	97.29557	37.68849	98.19686	100.3541	34.38242	15.84623	49.77134	24.72838	25.04297	30.85759	2
1741.045	1740.535	1072.535	99.41208	35.33766	98.94873	98.15654	43.58017	8.937407	47.48242	21.75776	25.72466	32.59102	2
1741.05	1740.54	1072.54	99.31268	45.91156	98.9505	100.3992	40.32863	10.23134	49.44003	22.75301	26.68703	31.70622	2
1741.055	1740.545	1072.545	96.6781	35.35078	96.33399	99.53565	45.16806	7.753299	47.07864	25.445	21.63364	32.03028	2
1741.06	1740.55	1072.55	98.65355	63.85074	96.84854	95.10421	47.77567	2.245501	49.97883	17.94711	32.03172	33.46906	2
1741.065	1740.555	1072.555	93.88794	45.77408	93.37143	92.01373	46.54877	5.869471	47.58176	16.80907	30.77269	32.94667	2
1741.07	1740.56	1072.56	90.51817	34.59442	90.96606	91.22613	44.88025	7.526065	47.59369	26.79475	20.79893	32.39918	2
1741.075	1740.565	1072.565	90.2599	27.57488	90.52081	92.20222	48.26573	6.086311	45.64796	31.27296	14.375	32.65712	2
1741.08	1740.57	1072.57	91.44582	31.82262	91.91253	91.79586	44.55177	8.050709	47.39752	17.15436	30.24316	32.46302	2
1741.085	1740.575	1072.575	93.01032	27.56669	92.98101	91.57376	47.98658	6.485999	45.52742	26.20944	19.31798	33.25335	2
1741.09	1740.58	1072.58	92.99111	24.97911	93.06439	92.24366	47.83532	6.792049	45.37263	18.58274	26.78989	33.13632	2
1741.095	1740.585	1072.585	96.66911	32.24242	97.15922	99.59488	39.46345	12.36636	48.17019	28.22707	19.94312	31.37091	2
1741.1	1740.59	1072.59	97.01614	27.72611	97.14993	96.89721	42.99852	10.25616	46.74531	29.45385	17.29147	32.3487	2
1741.105	1740.595	1072.595	95.70887	32.49832	96.53752	99.14184	37.66122	13.45422	48.88457	33.67103	15.21354	31.14257	2

1741.11	1740.6	1072.6	94.92829	24.35344	95.22342	96.00551	44.48519	9.266386	46.24842	23.17515	23.07328	32.36519	2
1741.115	1740.605	1072.605	100.699	15.66522	100.4279	100.0966	45.66669	9.908497	44.42481	17.45298	26.97183	32.8222	2
1741.12	1740.61	1072.61	101.0053	20.90249	101.2464	101.0505	40.14816	14.18827	45.66356	29.18763	16.47594	31.87176	2
1741.125	1740.615	1072.615	99.67	33.31651	100.15	102.2803	36.52063	15.31453	48.16484	34.15801	14.00683	31.02571	2
1741.13	1740.62	1072.62	99.55959	20.21088	99.10957	99.36458	47.0018	8.110927	44.88727	16.52159	28.36568	32.96117	2
1741.135	1740.625	1072.625	108.4931	90.77779	105.4609	100.9358	41.71819	0	58.28181	17.19285	41.08896	29.45834	2
1741.14	1740.63	1072.63	97.82766	54.11588	98.24592	97.49903	33.661	14.47851	51.86049	22.15008	29.71041	31.34072	2
1741.145	1740.635	1072.635	95.25533	62.33117	96.47104	97.93879	27.8592	17.22504	54.91576	32.78406	22.1317	30.60557	2
1741.15	1740.64	1072.64	92.4514	75.18676	92.70171	97.8109	34.80964	10.66566	54.5247	33.61166	20.91304	30.26381	2
1741.155	1740.645	1072.645	89.31288	64.07059	88.07404	88.21979	51.92806	2.140279	45.93166	20.35697	25.57469	33.08426	2
1741.16	1740.65	1072.65	88.73678	50.47665	86.30365	83.43604	65.00356	0	34.99644	23.30863	11.68781	32.02372	2
1741.165	1740.655	1072.655	87.75235	39.61589	86.39744	86.10916	60.18138	0	39.81862	9.965671	29.85295	34.41621	2
1741.17	1740.66	1072.66	85.22728	31.94234	85.09909	85.71152	54.85428	2.390864	42.75486	27.27886	15.476	33.67052	2
1741.175	1740.665	1072.665	84.00217	24.05025	84.07325	85.38112	56.34698	1.977986	41.67504	25.31636	16.35868	33.86488	2
1741.18	1740.67	1072.67	85.1551	26.86717	85.58423	84.8404	51.82964	3.83966	44.3307	26.18102	18.14968	33.50194	2
1741.185	1740.675	1072.675	81.72783	32.39025	80.87783	75.05531	63.55948	0	36.44052	7.467858	28.97266	35.19782	2
1741.19	1740.68	1072.68	82.05886	29.62253	82.55532	81.8319	53.48958	2.779067	43.73135	26.07837	17.65298	33.60229	2
1741.195	1740.685	1072.685	82.10974	26.38117	81.61357	78.19705	61.92014	0	38.07986	19.33433	18.74553	35.42525	2
1741.2	1740.69	1072.69	56.63	32.9	55.09	52.98	91.8736	0	8.1264	7.380835	0.745565	35.23956	2
1741.205	1740.695	1072.695	56.84	17.5	56.9	57.27	83.0072	0	16.9928	16.9928	0	32.4602	2
1741.21	1740.7	1072.7	59.8	16.22	60.44	60.96	76.09876	0	23.90124	4.764462	19.13678	31.77155	2
1741.215	1740.705	1072.705	60.97	25.76	61.31	61.68	75.03868	0	24.96132	6.359608	18.60171	32.07631	2
1741.22	1740.71	1072.71	62.76	32.32	62.31	59.98	77.92686	0	22.07314	5.278496	16.79464	33.13959	2
1741.225	1740.715	1072.715	64.41	40.7	65.13	59.96	65.3134	0	34.6866	17.70383	16.98277	33.47873	2
1741.23	1740.72	1072.72	63.44	45.11	62.41	60.15	78.70108	0	21.29892	21.29892	0	33.52366	2
1741.235	1740.725	1072.725	62.06	37.49	60.92	59.15	82.66722	0	17.33278	17.33278	0	33.6876	2
1741.24	1740.73	1072.73	62.01	22.19	61.61	58	80.68082	0	19.31918	5.597614	13.72157	33.3877	2
1741.245	1740.735	1072.735	62.75	23.41	61.88	60.49	83.34728	0	16.65272	7.139427	9.513293	33.38762	2
1741.25	1740.74	1072.74	64.72	29.04	64.33	65.22	76.45242	0	23.54758	17.93382	5.613764	32.47855	2
1741.255	1740.745	1072.745	65.04	17.4	64.8	65.46	77.8124	0	22.1876	3.949402	18.2382	32.42846	2
1741.26	1740.75	1072.75	66.74	21.71	66.65	66.86	74.04288	0	25.95712	19.10533	6.85179	32.5155	2
1741.265	1740.755	1072.755	68.38	45.52	68.21	67.02	67.39206	0	32.60794	15.80367	16.80427	33.18277	2
1741.27	1740.76	1072.76	67.97	64.79	68.22	68.41	59.85092	0.368943	39.78014	27.06097	12.71916	32.99621	2
1741.275	1740.765	1072.765	65.04	37.11	65.01	64.12	71.41508	0	28.58492	7.270488	21.31443	32.73347	2
1741.28	1740.77	1072.77	62.83	25.59	62.43	59.94	79.10362	0	20.89638	10.25092	10.64546	33.13719	2
1741.285	1740.775	1072.775	63.34	26.06	62.37	60.76	82.93818	0	17.06182	17.06182	0	33.45574	2
1741.29	1740.78	1072.78	61.62	14.69	61.59	61.43	79.98712	0	20.01288	20.01288	0	32.45785	2
1741.295	1740.785	1072.785	63.47	15.81	63.65	63.88	76.38658	0	23.61342	22.98262	0.630801	32.23771	2
1741.3	1740.79	1072.79	66.26	27.89	66.11	66.56	73.45392	0	26.54608	15.6113	10.93478	32.50023	2
1741.305	1740.795	1072.795	69	43.04	68.88	69	67.03432	0	32.96568	24.98993	7.975751	32.98213	2
1741.31	1740.8	1072.8	66.24	41.84	67.03	67.88	62.81142	0	37.18858	25.17015	12.01843	32.71879	2
1741.315	1740.805	1072.805	64.35	37.17	64.85	64.83	67.92786	0	32.07214	16.5956	15.47654	32.44556	2
1741.32	1740.81	1072.81	64.88	48.73	64.14	63.29	74.25274	0	25.74726	6.07611	19.67115	33.04285	2
1741.325	1740.815	1072.815	62.59	33.4	62.14	60.59	77.8219	0	22.1781	9.83391	12.34419	32.99888	2
1741.33	1740.82	1072.82	62.95	57	61.93	66.85	76.197	0	23.803	22.47367	1.329327	32.22282	2
1741.335	1740.825	1072.825	65.36	78.61	64.98	67.59	63.79018	0.056063	36.15376	12.44287	23.71089	32.73299	2
1741.34	1740.83	1072.83	63.25	51.09	62.82	62.94	72.77872	0	27.22128	17.78022	9.44106	32.74396	2
1741.345	1740.835	1072.835	63.51	42.76	62.94	62.39	75.64038	0	24.35962	7.662028	16.69759	32.8899	2
1741.35	1740.84	1072.84	62.96	28.36	63.06	64.35	74.43868	0	25.56132	9.293677	16.26764	32.11665	2
1741.355	1740.845	1072.845	63	49.93	62.5	63.53	73.83194	0	26.16806	4.194823	21.97324	32.59944	2
1741.36	1740.85	1072.85	61.88	31.63	61.8	61.72	76.03594	0	23.96406	21.93319	2.030874	32.47066	2
1741.365	1740.855	1072.855	62.69	43.49	62.12	61.94	76.21812	0	23.78188	21.08743	2.694446	32.8392	2
1741.37	1740.86	1072.86	62.22	58.25	62.33	63.29	67.8086	0	32.1914	13.87729	18.31411	32.46302	2
1741.375	1740.865	1072.865	59.23	52.71	58.06	55.85	81.82008	0	18.17992	17.65943	0.520493	33.98741	2
1741.38	1740.87	1072.87	58.52	34.79	58.2	58.82	80.22242	0	19.77758	14.98144	4.796143	32.65091	2
1741.385	1740.875	1072.875	56.89	23.56	57.04	56.61	80.79718	0	19.20282	19.20282	0	32.44878	2
1741.39	1740.88	1072.88	55.94	17.77	56.07	56.28	83.22736	0	16.77264	16.77264	0	32.45533	2
1741.395	1740.885	1072.885	56.6	28.68	55.76	54.37	87.49744	0	12.50256	7.087388	5.415172	33.97994	2
1741.4	1740.89	1072.89	57.54	30.11	57.06	56.59	83.49658	0	16.50342	5.315015	11.1884	33.15369	2
1741.405	1740.895	1072.895	60.57	18.51	60.78	61.37	78.16868	0	21.83132	15.1662	6.665123	32.11353	2
1741.41	1740.9	1072.9	59.47	22.68	59.82	58.86	77.08654	0	22.91346	17.23314	5.680318	32.28245	2
1741.415	1740.905	1072.905	59.36	26.59	59.41	57.37	78.56652	0	21.43348	3.511491	17.92199	32.75093	2
1741.42	1740.91	1072.91	80.96821	48.23301	80.87255	79.38301	54.57821	1.996081	43.42571	29.22303	14.20268	33.54475	2
1741.425	1740.915	1072.915	79.40457	36.99818	79.18377	78.25917	59.70543	0.428818	39.86576	9.67996	30.1858	34.43685	2
1741.43	1740.92	1072.92	80.75907	27.69621	81.40268	84.03308	54.0112	2.490696	43.49811	13.89508	29.60302	33.04541	2
1741.435	1740.925	1072.925	84.11294	42.60965	83.5309	84.31169	56.81542	1.292098	41.89248	12.44832	29.44416	33.76256	2
1741.44	1740.93	1072.93	83.43239	42.33031	82.95435	81.37962	56.70309	1.359945	41.93696	24.70152	17.23544	34.14342	2
1741.445	1740.935	1072.935	83.20734	59.31835	82.29575	82.08538	56.15905	1.201915	42.63904	25.71766	16.92138	33.50575	2
1741.45	1740.94	1072.94	83.59513	64.60999	83.06196	83.66528	51.58891	2.755726	45.65536	23.62059	22.03478	32.57975	2
1741.455	1740.945	1072.945	57.8	41.3	56.87	57.27	84.0369	0	15.9631	9.009751	6.953349	33.45921	2
1741.46	1740.95	1072.95	80.08028	35.39079	80.19257	85.10547	56.89129	1.359986	41.74873	16.00586	25.74286	32.9233	2
1741.465	1740.955	1072.955	83.54932	38.1558	82.34217	83.73394	63.25637	0	36.74363	10.71987	26.02376	33.61385	2
1741.47	1740.96	1072.96	85.32637	52.40401	82.91618	81.47577	67.49693	0	32.50307	21.82817	10.6749	31.9693	2

1741.475	1740.965	1072.965	79.01963	47.78219	77.35277	74.15459	68.65676	0	31.34324	16.65578	14.68747	33.42133	2
1741.48	1740.97	1072.97	74.1345	22.71196	73.99892	75.39538	67.3507	0	32.6493	9.862827	22.78647	33.13995	2
1741.485	1740.975	1072.975	74.38595	17.55887	74.09774	73.52132	69.54931	0	30.45069	16.89892	13.55176	33.34906	2
1741.49	1740.98	1072.98	76.93485	18.55553	76.83755	76.82365	65.48356	0	34.51644	18.36994	16.1465	33.9395	2
1741.495	1740.985	1072.985	80.82874	51.00032	79.69965	77.07452	62.04593	0	37.95407	6.607934	31.34614	34.36623	2
1741.5	1740.99	1072.99	55.45	23.25	55.15	53.33	85.6845	0	14.3155	14.3155	0	33.4349	2
1741.505	1740.995	1072.995	56.38	18.6	55.66	55.11	89.2092	0	10.7908	10.7908	0	33.83549	2
1741.51	1741	1073	56.35	16.32	55.85	55.27	88.08356	0	11.91644	5.204367	6.712073	33.5204	2
1741.515	1741.005	1073.005	57.7	18.84	57.02	56.68	87.62672	0	12.37328	12.37328	0	33.54589	2
1741.52	1741.01	1073.01	60.03	25.02	59.7	59.41	81.27506	0	18.72494	5.334452	13.39049	32.78912	2
1741.525	1741.015	1073.015	60.89	18.63	60.68	59.89	81.10024	0	18.89976	18.00112	0.898638	32.74923	2
1741.53	1741.02	1073.02	63	28.17	62.57	59.55	78.55536	0	21.44464	4.932035	16.5126	33.24652	2
1741.535	1741.025	1073.025	60.81	20.92	60.84	60.88	78.75966	0	21.24034	20.31216	0.928179	32.36364	2
1741.54	1741.03	1073.03	62.82	29.11	62.57	64.41	77.09848	0	22.90152	4.302487	18.59903	32.22246	2
1741.545	1741.035	1073.035	64.22	41.99	63.89	65.94	73.31352	0	26.68648	22.2613	4.42518	32.28932	2
1741.55	1741.04	1073.04	60.42	28.59	59.26	58.03	86.48482	0	13.51518	13.51518	0	33.90505	2
1741.555	1741.045	1073.045	59.94	19.2	59.82	59.62	81.1388	0	18.8612	8.34464	10.51656	32.58655	2
1741.56	1741.05	1073.05	60.27	22.84	59.33	57.92	86.30932	0	13.69068	13.69068	0	33.73921	2
1741.565	1741.055	1073.055	60.03	16.85	59.78	58.78	82.6322	0	17.3678	16.50673	0.861073	32.88877	2
1741.57	1741.06	1073.06	58.76	27.99	58.76	58.39	79.16722	0	20.83278	9.912974	10.91981	32.50531	2
1741.575	1741.065	1073.065	56.23	25.12	55.6	55.04	87.07186	0	12.92814	12.92814	0	33.59658	2
1741.58	1741.07	1073.07	56.16	17.3	56.13	56.26	84.3787	0	15.6213	5.365659	10.25564	32.67845	2
1741.585	1741.075	1073.075	56.78	28.72	56.17	56.78	85.53966	0	14.46034	5.512995	8.947345	33.23083	2
1741.59	1741.08	1073.08	56.71	22.63	56.82	56.43	81.49784	0	18.50216	7.741127	10.76103	32.50299	2
1741.595	1741.085	1073.085	55.72	18.91	55.42	53.16	86.48638	0	13.51362	9.404066	4.109554	33.5456	2
1741.6	1741.09	1073.09	54.56	15.6	54.57	53.45	85.9521	0	14.0479	6.524351	7.523549	33.02051	2
1741.605	1741.095	1073.095	54.82	17.46	54.8	54.55	85.49528	0	14.50472	9.263962	5.240758	32.85552	2
1741.61	1741.1	1073.1	56.72	20.9	56.8	54.94	82.1398	0	17.8602	17.74822	0.111982	32.823	2
1741.615	1741.105	1073.105	52.31	17.77	51.83	50.33	91.29446	0	8.70554	8.70554	0	34.22241	2
1741.62	1741.11	1073.11	50.89	14.76	50.55	49.09	92.24428	0	7.75572	7.75572	0	34.2436	2
1741.625	1741.115	1073.115	51.49	16.25	50.95	50.39	92.8817	0	7.1183	7.1183	0	34.34912	2
1741.63	1741.12	1073.12	51.61	11.85	51.17	50.68	93.0611	0	6.9389	6.9389	0	34.21765	2
1741.635	1741.125	1073.125	51.54	14.73	51.35	50.68	90.49104	0	9.50896	9.50896	0	33.69184	2
1741.64	1741.13	1073.13	51.48	16.97	51.41	49.94	89.07416	0	10.92584	8.888522	2.037318	33.57505	2
1741.645	1741.135	1073.135	51.36	15.77	51.04	51.27	91.41246	0	8.58754	8.58754	0	33.78772	2
1741.65	1741.14	1073.14	51.88	17.5	52.07	50.8	86.5629	0	13.4371	3.987677	9.449423	33.01423	2
1741.655	1741.145	1073.145	51.45	18.51	51.48	50.33	87.95408	0	12.04592	5.186036	6.859884	33.30894	2
1741.66	1741.15	1073.15	52.22	17.19	52.04	51.04	89.19262	0	10.80738	3.727451	7.079929	33.58355	2
1741.665	1741.155	1073.155	51.02	17.66	50.62	49.68	91.88788	0	8.11212	8.11212	0	34.17883	2
1741.67	1741.16	1073.16	49.86	26.16	49.29	47.72	92.21558	0	7.78442	3.386063	4.398357	34.65171	2
1741.675	1741.165	1073.165	49.08	15.88	48.76	48.15	93.48344	0	6.51656	6.51656	0	34.34055	2
1741.68	1741.17	1073.17	50.24	17.56	49.66	48.04	94.02468	0	5.97532	5.97532	0	34.83052	2
1741.685	1741.175	1073.175	50.45	19.9	50.36	49.44	89.4677	0	10.5323	10.5323	0	33.60342	2
1741.69	1741.18	1073.18	49.97	26.13	49.51	48.92	91.26914	0	8.73086	8.021368	0.709492	34.22326	2
1741.695	1741.185	1073.185	50.65	22.65	50.15	48.98	91.7957	0	8.2043	8.2043	0	34.37314	2
1741.7	1741.19	1073.19	51.3	17.09	51.3	50.79	88.66822	0	11.33178	8.872557	2.459223	33.29008	2
1741.705	1741.195	1073.195	51.56	18.81	51	51	92.35278	0	7.64722	7.041261	0.605959	34.21042	2
1741.71	1741.2	1073.2	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1742.01	1741.5	1073.5	71.94	42.72	71.88	71.33	63.94196	0	36.05804	13.0119	23.04614	33.56398	2
1742.015	1741.505	1073.505	68.18	21.4	68.27	69.07	71.3981	0	28.6019	11.14185	17.46005	32.49319	2
1742.02	1741.51	1073.51	66.86	32.63	66.29	66.45	75.00984	0	24.99016	4.811449	20.17871	32.70952	2
1742.025	1741.515	1073.515	67.55	24.95	67.02	67.21	75.9236	0	24.0764	22.03489	2.041512	32.67325	2
1742.03	1741.52	1073.52	68.41	16.33	67.94	68.81	76.75344	0	23.24656	16.01167	7.234893	32.5277	2
1742.035	1741.525	1073.525	69.01	18.37	68.47	68.94	76.25026	0	23.74974	20.12555	3.624188	32.63658	2
1742.04	1741.53	1073.53	70.56	35.98	70.02	68.23	70.56264	0	29.43736	11.46078	17.97658	33.2577	2
1742.045	1741.535	1073.535	70.1	17.55	69.74	68.39	74.0509	0	25.9491	21.96478	3.984318	33.00328	2
1742.05	1741.54	1073.54	68.74	20.4	69.21	69.8	68.1799	0	31.8201	15.19115	16.62895	32.65617	2
1742.055	1741.545	1073.545	69.24	27.22	69.89	72.45	64.67446	0	35.32554	9.631178	25.69436	32.58766	2
1742.06	1741.55	1073.55	68.3	35.63	68.15	67.27	69.70404	0	30.29596	13.98014	16.31582	32.96397	2
1742.065	1741.555	1073.555	68.31	43.36	69.37	69.88	58.44668	0.16011	41.39321	17.52944	23.86377	33.2356	2
1742.07	1741.56	1073.56	69.98	26.27	70.86	71.6	62.44106	0	37.55894	25.97203	11.58691	33.22058	2
1742.075	1741.565	1073.565	70.3	22.23	70.5	70.5	68.39434	0	31.60566	16.4706	15.13506	32.94738	2
1742.08	1741.57	1073.57	69.86	18.63	70.58	71.71	65.64034	0	34.35966	25.37767	8.981991	32.84217	2
1742.085	1741.575	1073.575	70.23	23.66	70.88	71.12	64.62518	0	35.37482	22.72685	12.64797	33.15066	2
1742.09	1741.58	1073.58	68.99	35.84	70.46	72.22	56.46342	0.464709	43.07187	25.87542	17.19645	32.91446	2
1742.095	1741.585	1073.585	68.2	49.64	69.31	74.24	56.64062	0.628637	42.73074	16.92921	25.80153	31.99271	2
1742.1	1741.59	1073.59	69.11	39.69	69.84	72.53	61.15632	0	38.84368	14.16591	24.67777	32.89154	2
1742.105	1741.595	1073.595	68.09	31.04	67.82	66.83	71.93802	0	28.06198	12.40409	15.65789	32.90868	2
1742.11	1741.6	1073.6	68.21	26.8	67.92	66.94	73.0087	0	26.9913	7.288322	19.70298	32.87854	2
1742.115	1741.605	1073.605	66.08	20.6	65.58	64.71	78.0962	0	21.9038	20.79486	1.108943	32.84407	2
1742.12	1741.61	1073.61	66.98	28.73	66.79	66.94	72.89824	0	27.10176	16.07141	11.03035	32.60145	2
1742.125	1741.615	1073.615	66.39	25.27	67.06	68.24	67.61336	0	32.38664	22.56157	9.825069	32.30033	2
1742.13	1741.62	1073.62	68.7	26.75	69.24	70.12	66.1375	0	33.8625	22.66379	11.19871	32.73085	2

1742.135	1741.625	1073.625	67.6	24.89	67.68	69.06	71.16462	0	28.83538	22.22578	6.609602	32.36472	2
1742.14	1741.63	1073.63	66.68	26.91	67.62	69.53	64.85718	0	35.14282	22.79026	12.35256	32.31182	2
1742.145	1741.635	1073.635	68.13	36.64	68.28	68.12	67.29102	0	32.70898	11.59384	21.11514	32.88416	2
1742.15	1741.64	1073.64	67.51	31.83	67.95	67.89	66.77794	0	33.22206	11.20133	22.02073	32.7679	2
1742.155	1741.645	1073.645	67.31	30.7	67.88	68.53	66.2279	0	33.7721	13.10414	20.66796	32.61951	2
1742.16	1741.65	1073.65	65.33	35.17	64.71	64.71	76.19026	0	23.80974	13.20907	10.60067	32.7638	2
1742.165	1741.655	1073.655	66.72	79.04	63.96	62.89	80.87992	0	19.12008	19.12008	0	34.1377	2
1742.17	1741.66	1073.66	65.2	63.86	63.69	63.18	76.26438	0	23.73562	6.449727	17.28589	33.40246	2
1742.175	1741.665	1073.665	64.28	15.61	64.08	63.94	78.63478	0	21.36522	5.998176	15.36704	32.54419	2
1742.18	1741.67	1073.67	65.73	20.38	66.07	66.17	71.96144	0	28.03856	12.44726	15.5913	32.35805	2
1742.185	1741.675	1073.675	68.22	56.76	68.78	70	59.16168	0.317075	40.52125	11.8497	28.67154	32.89334	2
1742.19	1741.68	1073.68	69.35	45.26	71.31	72.82	50.05508	1.995918	47.949	28.7107	19.2383	31.9638	2
1742.195	1741.685	1073.685	64.67	44.09	66.5	67.83	55.65132	0.302396	44.04628	11.07905	32.96724	32.47899	2
1742.2	1741.69	1073.69	65.11	69.38	67.45	67.04	45.17384	2.801725	52.02444	25.91791	26.10653	31.1704	2
1742.205	1741.695	1073.695	64.45	61.42	65	63.94	61.57986	0	38.42014	26.06415	12.35599	33.17172	2
1742.21	1741.7	1073.7	64.68	90.91	63.46	62.52	67.94918	0	32.05082	21.01352	11.0373	33.65063	2
1742.215	1741.705	1073.705	63.04	65.1	62.98	63.92	66.714	0	33.286	7.017966	26.26803	32.66178	2
1742.22	1741.71	1073.71	64.27	33.97	64.06	64.14	74.27836	0	25.72164	7.114388	18.60725	32.54666	2
1742.225	1741.715	1073.715	62.73	27.79	62.63	62.65	76.33822	0	23.66178	8.295424	15.36636	32.45156	2
1742.23	1741.72	1073.72	63.03	25.15	62.27	61.15	81.8161	0	18.1839	14.93457	3.24933	33.18289	2
1742.235	1741.725	1073.725	65.89	23.27	65.04	64.7	80.33736	0	19.66264	6.406639	13.256	32.9561	2
1742.24	1741.73	1073.73	68.83	27.92	67.91	66.13	77.04976	0	22.95024	3.875164	19.07508	33.15842	2
1742.245	1741.735	1073.735	72.16	43.38	71.79	70.29	65.98234	0	34.01766	22.56046	11.4572	33.5642	2
1742.25	1741.74	1073.74	74.38	68.29	75.12	76.51	49.30922	3.065211	47.62557	19.21124	28.41433	31.61407	2
1742.255	1741.745	1073.745	71.13	47.01	71.74	68.57	58.45648	0.444306	41.09921	27.99006	13.10916	33.97661	2
1742.26	1741.75	1073.75	71.86	71.36	71.01	66	63.20718	0	36.79282	16.93092	19.8619	34.45299	2
1742.265	1741.755	1073.755	69.88	108.91	67.76	64.84	65.78418	0.328143	33.88768	14.47249	19.41518	33.72761	2
1742.27	1741.76	1073.76	97.31878	116.9709	97.17398	98.8102	23.28195	14.87073	61.84731	31.05608	30.79124	30.39185	2
1742.275	1741.765	1073.765	99.42057	41.7369	99.31647	100.0749	39.23956	11.71946	49.04098	32.67742	16.36355	31.66023	2
1742.28	1741.77	1073.77	97.95848	27.19664	97.70432	95.86535	45.26639	8.631641	46.10197	18.46273	27.63924	33.00259	2
1742.285	1741.775	1073.775	100.8772	34.94037	99.17715	95.45839	51.91249	1.676714	46.41079	32.25491	14.15588	34.81565	2
1742.29	1741.78	1073.78	98.95489	38.17234	96.77507	94.6558	56.61742	0	43.38258	22.13422	21.24836	33.21582	2
1742.295	1741.785	1073.785	99.63665	47.45761	97.23153	94.53533	55.48928	0	44.51072	21.44877	23.06195	32.31742	2
1742.3	1741.79	1073.79	64.55	38.26	63.48	62.61	79.64758	0	20.35242	4.371231	15.98119	33.23268	2
1742.305	1741.795	1073.795	68.55	27.97	68.4	68.35	71.32776	0	28.67224	18.62253	10.04971	32.73952	2
1742.31	1741.8	1073.8	68.32	31.57	68.35	68.88	69.27316	0	30.72684	6.253822	24.47302	32.67373	2
1742.315	1741.805	1073.805	68.27	59.98	68.89	69.17	57.87144	0.6318	41.49676	12.03463	29.46213	32.78966	2
1742.32	1741.81	1073.81	69.27	81	70.84	74.65	44.5021	3.756366	51.74153	34.18191	17.55963	30.25115	2
1742.325	1741.815	1073.815	70.34	57.2	73.1	74.41	40.0548	4.545936	55.39926	20.2525	35.14676	31.06389	2
1742.33	1741.82	1073.82	67.1	40.4	68.07	69.06	60.9737	0	39.0263	6.880713	32.14559	32.914	2
1742.335	1741.825	1073.825	65.75	43.26	66.41	66.71	63.92608	0	36.07392	14.29379	21.78013	32.71313	2
1742.34	1741.83	1073.83	66.86	63.34	69.1	72.29	45.80052	2.807846	51.39163	33.17966	18.21198	30.76451	2
1742.345	1741.835	1073.835	66.58	89.96	67.11	71	52.86858	2.165424	44.966	25.94655	19.01945	30.63162	2
1742.35	1741.84	1073.84	63.8	56	64.23	66.88	64.4195	0	35.5805	9.985677	25.59482	32.23599	2
1742.355	1741.845	1073.845	60.47	41.44	60.63	59.21	73.09912	0	26.90088	19.20175	7.699135	32.59014	2
1742.36	1741.85	1073.85	60.55	30.12	59.65	58.89	83.97996	0	16.02004	3.986308	12.03373	33.43914	2
1742.365	1741.855	1073.855	61.16	28.39	60.59	59.24	81.27992	0	18.72008	11.17927	7.540812	33.14024	2
1742.37	1741.86	1073.86	59.54	24.85	59.01	58.78	83.317	0	16.683	5.655332	11.02767	33.03636	2
1742.375	1741.865	1073.865	57.62	32.18	57.5	57.8	80.13204	0	19.86796	5.875248	13.99271	32.54058	2
1742.38	1741.87	1073.87	58.21	56.92	58.73	59.92	68.64216	0	31.35784	16.83215	14.52569	32.00561	2
1742.385	1741.875	1073.875	60.75	36.07	61	61.06	73.44356	0	26.55644	12.18704	14.3694	32.232	2
1742.39	1741.88	1073.88	55.83	45.16	56.24	54.59	74.53018	0	25.46982	5.472615	19.99721	32.42555	2
1742.395	1741.885	1073.885	53.9	42.14	52.51	50.21	90.98662	0	9.01338	6.507029	2.506351	35.30485	2
1742.4	1741.89	1073.89	57.76	27.42	57.41	57	82.93766	0	17.06234	9.876963	7.185377	32.96941	2
1742.405	1741.895	1073.895	58.44	22.61	58.17	56.74	82.85608	0	17.14392	8.384536	8.759384	33.04493	2
1742.41	1741.9	1073.9	58.7	23.82	58.04	56.96	85.34656	0	14.65344	14.65344	0	33.45433	2
1742.415	1741.905	1073.905	57.42	43.52	56.06	52.62	87.18176	0	12.81824	8.457207	4.361033	34.81535	2
1742.42	1741.91	1073.91	58.15	41.21	57.05	55.48	85.05418	0	14.94582	9.118961	5.826859	34.0084	2
1742.425	1741.915	1073.915	58.78	42.7	58	58.72	81.634	0	18.366	16.48613	1.879866	33.08635	2
1742.43	1741.92	1073.92	59.53	39.26	58.53	57.39	83.48148	0	16.51852	16.51852	0	33.65025	2
1742.435	1741.925	1073.925	59.17	75.48	57.02	55.52	83.95994	0	16.04006	5.411859	10.6282	34.90746	2
1742.44	1741.93	1073.93	57.87	52.17	56.93	55.98	81.41946	0	18.58054	7.404034	11.17651	33.6146	2
1742.445	1741.935	1073.935	57.79	46.1	57.14	56.18	80.7145	0	19.2855	3.981264	15.30424	33.30928	2
1742.45	1741.94	1073.94	59.61	48.25	59.39	58.2	75.1873	0	24.8127	9.585178	15.22752	32.84118	2
1742.455	1741.945	1073.945	60.39	55.32	59.55	60.63	77.56376	0	22.43624	8.817422	13.61882	32.92028	2
1742.46	1741.95	1073.95	60.64	41.62	60.76	60.71	73.20916	0	26.79084	14.18379	12.60705	32.36511	2
1742.465	1741.955	1073.955	63.24	59.79	63.57	64.67	64.79252	0	35.20748	15.07264	20.13484	32.53024	2
1742.47	1741.96	1073.96	64.14	76.28	64.59	67.47	59.04394	0.678956	40.2771	15.06353	25.21357	31.84301	2
1742.475	1741.965	1073.965	62.01	50.68	61.9	62.02	71.53874	0	28.46126	11.05058	17.41068	32.56663	2
1742.48	1741.97	1073.97	62.52	28.62	61.94	60.78	80.05056	0	19.94944	9.193711	10.75573	33.03493	2
1742.485	1741.975	1073.975	64.29	41.86	63.39	61.59	77.69808	0	22.30192	18.29536	4.006564	33.29095	2
1742.49	1741.98	1073.98	65.03	35.96	64.63	64.53	74.57008	0	25.42992	10.89498	14.53494	32.68288	2
1742.495	1741.985	1073.985	62.86	27.24	62.95	63.06	74.87922	0	25.12078	17.22984	7.890945	32.32111	2

1742.5	1741.99	1073.99	63.05	63.45	62.16	61.35	73.5366	0	26.4634	14.62045	11.84295	33.21982	2
1742.505	1741.995	1073.995	60.9	35.02	61.18	61.44	73.32716	0	26.67284	13.54532	13.12752	32.17399	2
1742.51	1742	1074	62.11	48.45	61.47	60.06	76.0939	0	23.9061	17.22975	6.67635	33.13242	2
1742.515	1742.005	1074.005	63.41	56.73	63.36	66.76	68.32164	0	31.67836	20.02754	11.65082	32.08732	2
1742.52	1742.01	1074.01	62.32	47.35	61.18	59.37	80.0419	0	19.9581	14.24908	5.70902	33.59988	2
1742.525	1742.015	1074.015	60.87	28.78	60.26	59.72	81.76234	0	18.23766	11.30149	6.936166	33.04848	2
1742.53	1742.02	1074.02	60.75	18.46	61.04	62.08	77.39518	0	22.60482	10.4464	12.15842	31.95544	2
1742.535	1742.025	1074.025	62.06	27.29	61.86	61.65	77.85062	0	22.14938	8.422424	13.72696	32.56419	2
1742.54	1742.03	1074.03	61.86	28.79	61.41	61.06	79.60912	0	20.39088	17.18294	3.207942	32.79991	2
1742.545	1742.035	1074.035	64.14	28.94	63.82	63.24	76.46772	0	23.53228	10.47294	13.05934	32.69953	2
1742.55	1742.04	1074.04	64.65	21.57	64.5	64.5	76.46456	0	23.53544	6.138117	17.39732	32.48967	2
1742.555	1742.045	1074.045	65.93	19	65.75	64.94	76.1414	0	23.8586	7.601944	16.25666	32.67594	2
1742.56	1742.05	1074.05	65.91	29.26	65.09	64.24	78.63688	0	21.36312	17.17307	4.190046	33.00973	2
1742.565	1742.055	1074.055	63.39	25.99	63.18	63.28	77.01912	0	22.98088	4.311853	18.66903	32.50262	2
1742.57	1742.06	1074.06	66.39	42.85	66.59	67.94	67.0015	0	32.9985	22.77329	10.22521	32.50205	2
1742.575	1742.065	1074.065	62.98	38.71	62.63	62.88	75.40308	0	24.59692	6.786659	17.81026	32.59287	2
1742.58	1742.07	1074.07	62.91	61.41	63.42	65.83	63.30908	0	36.69092	14.21339	22.47753	32.29747	2
1742.585	1742.075	1074.075	61.47	77.7	59.12	58.76	82.8567	0	17.1433	17.1433	0	34.53311	2
1742.59	1742.08	1074.08	58.46	46.63	56.63	54.12	89.11484	0	10.88516	10.88516	0	35.16359	2
1742.595	1742.085	1074.085	56.91	37.53	55.83	55.44	86.93054	0	13.06946	10.71629	2.353167	33.98155	2
1742.6	1742.09	1074.09	58.24	36.61	57.9	57.53	80.19458	0	19.80542	5.682607	14.12281	32.85471	2
1742.605	1742.095	1074.095	58.57	24.97	58.18	58.12	83.09536	0	16.90464	9.142061	7.762579	32.90902	2
1742.61	1742.1	1074.1	59.11	21.89	59.28	60.22	79.00392	0	20.99608	11.52558	9.4705	32.08924	2
1742.615	1742.105	1074.105	63.2	34.47	62.77	62.18	76.84676	0	23.15324	20.84143	2.31181	32.78425	2
1742.62	1742.11	1074.11	62.76	26.66	62.79	62.53	75.57658	0	24.42342	5.885938	18.53748	32.41736	2
1742.625	1742.115	1074.115	60.56	23.56	60.45	61.02	79.43578	0	20.56422	18.0657	2.498517	32.38277	2
1742.63	1742.12	1074.12	59.61	24.22	59.68	59.88	78.75506	0	21.24494	17.46238	3.782559	32.30583	2
1742.635	1742.125	1074.125	61.63	37.74	60.68	60.65	81.52982	0	18.47018	6.524948	11.94523	33.19219	2
1742.64	1742.13	1074.13	60.86	32.08	59.67	58.18	85.46794	0	14.53206	14.53206	0	33.8782	2
1742.645	1742.135	1074.135	60.87	30.67	60.92	61.14	76.18996	0	23.81004	5.404087	18.40595	32.30799	2
1742.65	1742.14	1074.14	83.13765	52.5879	84.36932	87.42112	41.24166	7.066502	51.69184	27.84934	23.8425	31.16679	2
1742.655	1742.145	1074.145	83.65951	104.2578	82.20885	78.92433	49.0455	2.824973	48.12952	28.83183	19.2977	32.30904	2
1742.66	1742.15	1074.15	82.18752	119.2326	77.95375	75.60317	68.34496	0	31.65504	8.760314	22.89473	30.79476	2
1742.665	1742.155	1074.155	81.89593	60.37713	80.13653	79.70366	63.67983	0	36.32017	16.34831	19.97186	33.1506	2
1742.67	1742.16	1074.16	75.23184	29.91114	74.67968	72.02931	67.82745	0	32.17255	24.05043	8.122115	33.82035	2
1742.675	1742.165	1074.165	76.77431	44.81805	75.96937	73.24924	64.75993	0	35.24007	9.101371	26.1387	34.07786	2
1742.68	1742.17	1074.17	78.60589	59.23708	77.31796	75.89004	63.32868	0	36.67132	20.73599	15.93532	33.77054	2
1742.685	1742.175	1074.175	76.14986	65.46983	74.14884	69.85499	69.60632	0	30.39368	16.70383	13.68985	33.55302	2
1742.69	1742.18	1074.18	71.55333	39.94264	71.41672	64.57285	65.5635	0	34.4365	7.121115	27.31538	34.54131	2
1742.695	1742.185	1074.185	73.05022	45.87583	72.41608	67.35674	66.60643	0	33.39357	6.709181	26.68438	34.19987	2
1742.7	1742.19	1074.19	52.98	37.36	52.44	50.77	86.40228	0	13.59772	13.59772	0	33.89065	2
1742.705	1742.195	1074.195	54.13	22.02	53.61	53.33	88.90156	0	11.09844	11.09844	0	33.6916	2
1742.71	1742.2	1074.2	55.27	14.06	55.27	54.7	85.74908	0	14.25092	14.25092	0	32.87464	2
1742.715	1742.205	1074.205	57.43	7.89	57.33	58.52	86.03002	0	13.96998	13.96998	0	32.57813	2
1742.72	1742.21	1074.21	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1743.02	1742.51	1074.51	69.85	9.77	69.58	69.83	75.46616	0	24.53384	12.06275	12.47109	32.64408	2
1743.025	1742.515	1074.515	69.15	12.17	68.81	68.33	76.07186	0	23.92814	14.60105	9.327085	32.75661	2
1743.03	1742.52	1074.52	69.82	17.6	69.31	68.54	75.4589	0	24.5411	4.918195	19.6229	32.87698	2
1743.035	1742.525	1074.525	72.4	19.91	72.44	72.12	68.26378	0	31.73622	14.16809	17.56813	33.22182	2
1743.04	1742.53	1074.53	71.7	25.59	71.94	72.72	65.98322	0	34.01678	10.34537	23.67141	33.11935	2
1743.045	1742.535	1074.535	111.0218	36.48819	111.2825	111.7886	27.0092	28.98211	44.00869	27.67581	16.33289	29.49215	2
1743.05	1742.54	1074.54	114.4546	44.10511	114.6725	116.3844	22.33971	35.35157	42.30871	30.80235	11.50637	28.42567	2
1743.055	1742.545	1074.545	118.1581	82.84348	117.0051	115.5521	20.18209	23.55867	56.25925	24.94831	31.31093	30.31669	2
1743.06	1742.55	1074.55	117.3476	61.94234	117.9351	118.8401	12.49739	48.95475	38.54786	32.64568	5.902182	27.3055	2
1743.065	1742.555	1074.555	121.6352	96.46916	119.2763	118.5863	23.03148	7.209998	69.75852	39.43273	30.3258	32.03439	2
1743.07	1742.56	1074.56	124.411	126.4809	121.1264	120.822	20.38852	0	79.61148	46.63141	32.98006	22.85129	2
1743.075	1742.565	1074.565	75.42	64.37	74.71	73.33	60.53856	0.252334	39.20911	23.09911	16.11	33.86653	2
1743.08	1742.57	1074.57	74.87	64.16	74.8	72	56.13538	1.349264	42.51536	13.79247	28.72289	33.3675	2
1743.085	1742.575	1074.575	73.67	56.55	74	71.94	55.981	1.278572	42.74043	28.9924	13.74803	33.30447	2
1743.09	1742.58	1074.58	72.22	46.78	72.13	71.67	62.93434	0	37.06566	20.26476	16.8009	33.66082	2
1743.095	1742.585	1074.585	70.23	29.75	70.42	71.65	66.7164	0	33.2836	22.43272	10.85088	32.82253	2
1743.1	1742.59	1074.59	69.37	54.75	69.91	71.51	58.7451	0.416613	40.83829	14.04403	26.79426	32.86068	2
1743.105	1742.595	1074.595	69.47	56.54	70.75	71.83	52.48492	1.707542	45.80754	24.48355	21.32399	32.04934	2
1743.11	1742.6	1074.6	67.06	38.54	67.52	70.29	65.41312	0	34.58688	8.352737	26.23414	32.30225	2
1743.115	1742.605	1074.605	67.43	31.52	68.23	70.29	64.13656	0	35.86344	23.66884	12.1946	32.47127	2
1743.12	1742.61	1074.61	66.31	39.75	67.4	70.06	60.9278	0	39.0722	11.74198	27.33022	32.46713	2
1743.125	1742.615	1074.615	65.93	29.5	65.98	67.82	71.8179	0	28.1821	6.403481	21.77862	32.18064	2
1743.13	1742.62	1074.62	65.98	25.29	66.53	68.35	68.91572	0	31.08428	9.426616	21.65766	32.10534	2
1743.135	1742.625	1074.625	67.03	24.22	66.82	68.28	74.09866	0	25.90134	8.201531	17.69981	32.3257	2
1743.14	1742.63	1074.63	66.01	24.11	65.47	65.2	77.62118	0	22.37882	4.914393	17.46443	32.74477	2
1743.145	1742.635	1074.635	66.11	23.56	65.96	65.75	74.63978	0	25.36022	19.3954	5.964816	32.57292	2
1743.15	1742.64	1074.64	65.68	17.66	65.74	66.17	74.83568	0	25.16432	4.822647	20.34167	32.33658	2
1743.155	1742.645	1074.645	64.63	20.14	64.92	65.76	73.41902	0	26.58098	17.68878	8.892202	32.13591	2

1743.16	1742.65	1074.65	63.98	30.88	63.74	62.76	75.52544	0	24.47456	5.184084	19.29048	32.72907	2
1743.165	1742.655	1074.655	63.62	29.02	63.54	61.61	75.06676	0	24.93324	22.38782	2.545421	32.80843	2
1743.17	1742.66	1074.66	61.54	22.87	61.53	61.29	77.92616	0	22.07384	19.15853	2.915308	32.42364	2
1743.175	1742.665	1074.665	60.6	27.59	61.29	63.24	72.22372	0	27.77628	4.542011	23.23427	31.56192	2
1743.18	1742.67	1074.67	61.19	26.6	61.17	61.11	77.423	0	22.577	3.619909	18.95709	32.40115	2
1743.185	1742.675	1074.675	62.68	24.86	62.31	62.06	79.18578	0	20.81422	11.30712	9.507103	32.68923	2
1743.19	1742.68	1074.68	62.71	23.85	62.31	61.96	79.6351	0	20.3649	11.39178	8.973116	32.73418	2
1743.195	1742.685	1074.685	59.66	20.56	59.85	60.22	78.66478	0	21.33522	21.00673	0.328495	32.16257	2
1743.2	1742.69	1074.69	58.28	27.46	59.07	58.96	73.61458	0	26.38542	12.58997	13.79545	31.76394	2
1743.205	1742.695	1074.695	59.24	26.31	58.65	58.23	83.70468	0	16.29532	5.979007	10.31631	33.15097	2
1743.21	1742.7	1074.7	64.36	36.34	63.52	62.78	78.50452	0	21.49548	14.16952	7.325961	33.0488	2
1743.215	1742.705	1074.705	68.23	25.84	67.79	66.41	74.38512	0	25.61488	7.692242	17.92264	32.95461	2
1743.22	1742.71	1074.71	70.2	24.48	70.51	71.43	67.08934	0	32.91066	9.459309	23.45135	32.83649	2
1743.225	1742.715	1074.715	66.84	20.92	66.55	64.16	75.69206	0	24.30794	19.59887	4.709065	33.03468	2
1743.23	1742.72	1074.72	66.41	31.98	65.78	65.15	76.04614	0	23.95386	5.52758	18.42628	32.86124	2
1743.235	1742.725	1074.725	66.72	31.54	65.98	65.04	76.71992	0	23.28008	16.87356	6.406522	32.96101	2
1743.24	1742.73	1074.73	67.81	21.61	67.68	67.41	73.39268	0	26.60732	11.50065	15.10667	32.65862	2
1743.245	1742.735	1074.735	68.9	27.67	69.47	70.71	65.49836	0	34.50164	13.4783	21.02334	32.72289	2
1743.25	1742.74	1074.74	67.91	27.09	68.84	68.92	63.75952	0	36.24048	15.67872	20.56176	32.89455	2
1743.255	1742.745	1074.745	66.77	30.25	67.6	64.83	64.8186	0	35.1814	21.86966	13.31174	33.21786	2
1743.26	1742.75	1074.75	68.22	47.43	68.86	70.29	60.79954	0	39.20046	10.60456	28.5959	33.06626	2
1743.265	1742.755	1074.755	70.67	67.95	69.1	67.41	70.7072	0	29.2928	8.333611	20.95919	33.40499	2
1743.27	1742.76	1074.76	70.61	47.11	69.26	67.61	74.10068	0	25.89932	10.29639	15.60293	33.23018	2
1743.275	1742.765	1074.765	67.21	16.25	67.04	68.35	75.5518	0	24.4482	10.83246	13.61574	32.3124	2
1743.28	1742.77	1074.77	66.3	15.78	65.8	65.59	79.06024	0	20.93976	9.012945	11.92682	32.71707	2
1743.285	1742.775	1074.775	68.4	25.29	67.94	67.27	74.51682	0	25.48318	12.6735	12.80968	32.82955	2
1743.29	1742.78	1074.78	70.82	21.77	70.29	69.98	73.68476	0	26.31524	20.43005	5.885186	32.86113	2
1743.295	1742.785	1074.785	71.94	32.34	72.05	71.94	65.13642	0	34.86358	22.42364	12.43994	33.37243	2
1743.3	1742.79	1074.79	69.82	30.2	69.86	69.67	68.1472	0	31.8528	20.97431	10.87849	32.966	2
1743.305	1742.795	1074.795	69.99	34.1	69.87	69.24	68.287	0	31.713	12.34086	19.37214	33.07428	2
1743.31	1742.8	1074.8	72.03	49.73	70.4	67.06	74.33024	0	25.66976	11.35591	14.31385	33.50646	2
1743.315	1742.805	1074.805	99.46559	38.88955	98.2149	96.47544	48.77321	4.212844	47.01394	20.69795	26.31599	33.68797	2
1743.32	1742.81	1074.81	102.331	49.54201	101.7454	102.7557	38.4052	11.27088	50.32392	26.50382	23.82009	31.58229	2
1743.325	1742.815	1074.815	102.4178	41.30074	103.3482	105.6373	28.57021	22.5424	48.88739	16.19089	32.6965	30.05821	2
1743.33	1742.82	1074.82	104.8534	81.25221	103.7232	105.3206	32.63096	11.02222	56.34682	29.47248	26.87434	31.08969	2
1743.335	1742.825	1074.825	107.9449	49.60915	108.1001	110.4133	27.48212	23.86535	48.65252	35.21829	13.43424	29.76683	2
1743.34	1742.83	1074.83	107.4938	59.30792	104.9026	101.4891	46.83459	0	53.16541	15.69958	37.46583	32.14787	2
1743.345	1742.835	1074.835	106.8443	39.05528	106.5039	104.1217	34.88936	16.89445	48.21618	34.81217	13.40401	31.57273	2
1743.35	1742.84	1074.84	105.4295	51.7127	104.5955	100.7342	36.95419	11.94393	51.10187	35.89338	15.20849	32.37192	2
1743.355	1742.845	1074.845	101.5684	42.7133	101.035	97.04173	40.35466	10.58821	49.05714	25.14276	23.91438	32.736	2
1743.36	1742.85	1074.85	66.73	37.64	65.71	63.93	77.40452	0	22.59548	7.895898	14.69958	33.24802	2
1743.365	1742.855	1074.855	65.09	23.51	64.3	61.27	80.55028	0	19.44972	19.44972	0	33.43809	2
1743.37	1742.86	1074.86	63.96	37.13	62.23	59.21	85.57884	0	14.42116	13.92715	0.494013	34.32465	2
1743.375	1742.865	1074.865	64.76	37.94	63.42	61.53	81.62432	0	18.37568	11.32149	7.054193	33.61545	2
1743.38	1742.87	1074.87	62.11	27.77	61.68	60.47	79.47096	0	20.52904	20.43412	0.094923	32.92677	2
1743.385	1742.875	1074.875	64.36	26.81	64.59	65.61	72.51828	0	27.48172	4.229653	23.25207	32.154	2
1743.39	1742.88	1074.88	62.94	33.58	63.55	64.61	69.24134	0	30.75866	8.566715	22.19194	32.01029	2
1743.395	1742.885	1074.885	63.92	74.16	63.87	62.61	63.63438	0	36.36562	19.14379	17.22183	33.32125	2
1743.4	1742.89	1074.89	62.55	69.89	63.11	59.92	61.20062	0.096005	38.70337	13.57787	25.12551	33.36735	4
1743.405	1742.895	1074.895	58.39	60.56	59.07	53.39	66.35568	0	33.64432	18.14556	15.49876	33.27728	4
1743.41	1742.9	1074.9	61.13	52.27	60.69	54.92	74.52106	0	25.47894	7.373217	18.10572	33.83132	4
1743.415	1742.905	1074.905	63.57	77.73	61.15	58.51	81.45994	0	18.54006	10.33753	8.202531	34.66758	4
1743.42	1742.91	1074.91	58.68	58.44	56.83	55.94	86.20942	0	13.79058	13.79058	0	34.65345	4
1743.425	1742.915	1074.915	60.71	72.31	59.52	53.39	75.87028	0	24.12972	19.69809	4.431632	34.54483	4
1743.43	1742.92	1074.92	58.64	86.51	55.86	54.04	86.66078	0	13.33922	12.44593	0.89329	35.83915	4
1743.435	1742.925	1074.925	57.67	75.35	55.11	51.77	88.5489	0	11.4511	11.4511	0	36.15998	4
1743.44	1742.93	1074.93	58.19	69.05	55.86	53.39	87.8126	0	12.1874	12.1874	0	35.61792	4
1743.445	1742.935	1074.935	59.16	37.3	57.63	55.98	88.4037	0	11.5963	8.260492	3.335808	34.56077	4
1743.45	1742.94	1074.94	59.35	25.99	58.55	56.39	85.30842	0	14.69158	14.69158	0	33.73662	4
1743.455	1742.945	1074.945	60.72	36.54	59.74	57.8	82.88992	0	17.11008	17.11008	0	33.66427	4
1743.46	1742.95	1074.95	60.79	41.27	60.35	55.39	77.49586	0	22.50414	8.461023	14.04312	33.65887	4
1743.465	1742.955	1074.955	59.43	62.64	57.76	53.22	83.10802	0	16.89198	16.89198	0	34.91189	4
1743.47	1742.96	1074.96	58.67	67.29	56.49	53.09	86.63442	0	13.36558	13.36558	0	35.48649	4
1743.475	1742.965	1074.965	58.59	51.52	57.02	54.51	85.79686	0	14.20314	14.20314	0	34.65091	4
1743.48	1742.97	1074.97	58.21	44.72	56.61	54.61	88.02456	0	11.97544	11.97544	0	34.76902	4
1743.485	1742.975	1074.975	57.86	54.58	56.47	51.62	84.33294	0	15.66706	8.486851	7.180209	34.89718	4
1743.49	1742.98	1074.98	56.92	54.54	55.74	50.21	83.57992	0	16.42008	8.27759	8.14249	34.85648	4
1743.495	1742.985	1074.985	57.1	63.4	55.16	53	87.1602	0	12.8398	12.8398	0	35.23595	4
1743.5	1742.99	1074.99	56.42	40.59	55.39	55.86	86.25332	0	13.74668	7.818427	5.928253	33.76214	4
1743.505	1742.995	1074.995	53.33	21.12	52.87	52.77	89.39036	0	10.60964	10.60964	0	33.67843	4
1743.51	1743	1075	51.68	21.08	50.86	50.39	93.70804	0	6.29196	6.29196	0	34.74521	4
1743.515	1743.005	1075.005	53.82	30.83	52.45	50.98	93.64224	0	6.35776	6.35776	0	35.39241	4
1743.52	1743.01	1075.01	55.43	25.49	54.54	52.39	89.73332	0	10.26668	10.26668	0	34.42011	4

1743.525	1743.015	1075.015	57.47	48.46	56.08	52.77	86.17278	0	13.82722	5.774979	8.052241	34.74668	4
1743.53	1743.02	1075.02	58.86	46.95	58.22	54.68	79.4469	0	20.5531	15.5652	4.987899	33.68012	4
1743.535	1743.025	1075.025	60.64	49.32	59.66	57.62	79.87076	0	20.12924	19.41145	0.717793	33.61136	4
1743.54	1743.03	1075.03	67.44	106.63	68.19	68.78	46.33824	3.774284	49.88748	25.62047	24.26701	30.26285	4
1743.545	1743.035	1075.035	69	147.09	68.84	60.02	42.16422	5.541207	52.29457	17.55069	34.74388	30.87872	4
1743.55	1743.04	1075.04	68.15	118.78	69.72	60.39	36.38974	5.964019	57.64624	35.80355	21.84269	31.45186	4
1743.555	1743.045	1075.045	64.4	76.62	66.12	66.08	48.87996	2.288654	48.83139	30.90455	17.92683	31.15591	4
1743.56	1743.05	1075.05	64.2	70.99	65.69	63.45	52.20892	1.574264	46.21682	13.59569	32.62112	32.01704	4
1743.565	1743.055	1075.055	67	84.79	67.7	66.9	52.41582	2.132666	45.45151	23.2306	22.22091	31.58571	4
1743.57	1743.06	1075.06	64.93	128.24	65.65	59.82	43.65032	4.656443	51.69324	34.08348	17.60976	30.60983	4
1743.575	1743.065	1075.065	63.2	115.59	62.45	53.15	59.69572	1.881546	38.42273	13.16445	25.25828	33.11178	4
1743.58	1743.07	1075.07	63.06	66.2	63.18	62.46	65.0344	0	34.9656	11.83015	23.13545	32.97035	4
1743.585	1743.075	1075.075	63.43	98.83	64.25	61.23	51.37254	2.49596	46.1315	23.23744	22.89406	31.32801	4
1743.59	1743.08	1075.08	62.32	69.22	62.24	62.63	66.53436	0	33.46564	8.34673	25.11891	32.78026	4
1743.595	1743.085	1075.085	66.3	43.69	67.3	68.39	60.68102	0	39.31898	9.760885	29.55809	32.81355	4
1743.6	1743.09	1075.09	65.18	40.69	65.67	68.76	66.38992	0	33.61008	6.726941	26.88314	32.01509	4
1743.605	1743.095	1075.095	63.24	55.86	63.76	69.02	64.27108	0	35.72892	24.40302	11.3259	31.67742	4
1743.61	1743.1	1075.1	64.95	50.8	65.89	67.44	60.6674	0	39.3326	10.09777	29.23483	32.61715	4
1743.615	1743.105	1075.105	62.61	90.5	63.3	58.16	55.1503	1.638223	43.21148	31.61022	11.60126	32.31193	4
1743.62	1743.11	1075.11	65.59	106.04	67.68	60.59	37.79802	5.084393	57.11759	37.77011	19.34747	31.24066	4
1743.625	1743.115	1075.115	57.79	89.85	57.8	50.4	65.012	0.267218	34.72078	16.76781	17.95297	33.97832	4
1743.63	1743.12	1075.12	54.81	94.22	53.61	45.76	76.07356	0	23.92644	20.57595	3.350486	35.40009	4
1743.635	1743.125	1075.125	51.96	40.12	51.33	48.09	87.37026	0	12.62974	12.62974	0	34.43052	4
1743.64	1743.13	1075.13	51.24	29.92	50.91	51.22	88.17606	0	11.82394	11.26821	0.555729	33.50945	4
1743.645	1743.135	1075.135	54.95	58.81	53.53	49.6	86.21898	0	13.78102	4.349086	9.431934	35.15988	4
1743.65	1743.14	1075.14	57.46	39.23	57.88	59.92	74.38814	0	25.61186	13.68704	11.92482	31.69525	4
1743.655	1743.145	1075.145	58.15	39.72	58.65	59.33	73.01476	0	26.98524	20.34288	6.64236	31.90134	4
1743.66	1743.15	1075.15	55.57	51.6	55.98	56.39	73.2109	0	26.7891	14.78867	12.00043	32.0756	4
1743.665	1743.155	1075.155	55.02	63.22	54.12	51.27	81.05736	0	18.94264	18.94264	0	34.13708	4
1743.67	1743.16	1075.16	57.88	64.28	58.25	56.33	68.32714	0	31.67286	16.75702	14.91584	32.73342	4
1743.675	1743.165	1075.165	56.45	61.99	55.57	52.74	79.88442	0	20.11558	7.560855	12.55473	33.96883	4
1743.68	1743.17	1075.17	54.63	50.83	54.06	53.15	81.85704	0	18.14296	17.21311	0.929849	33.44963	4
1743.685	1743.175	1075.175	52.72	32.44	52.59	51.89	84.65462	0	15.34538	7.948635	7.396745	33.12861	4
1743.69	1743.18	1075.18	52.31	34.57	52.01	50.15	85.83386	0	14.16614	4.926766	9.239374	33.64074	4
1743.695	1743.185	1075.185	52.69	70.34	51.68	49.55	82.33042	0	17.66958	12.83172	4.837857	34.38761	4
1743.7	1743.19	1075.19	48.04	86.39	46.67	45.09	85.51432	0	14.48568	12.46855	2.017134	35.41818	4
1743.705	1743.195	1075.195	50.52	104.99	47.98	43.27	87.79902	0	12.20098	8.993111	3.207869	37.42782	4
1743.71	1743.2	1075.2	42.22	10.79	41.67	41.17	100	0	0	0	0	35.52477	4
1743.715	1743.205	1075.205	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1744.005	1743.495	1075.495	71.15	25.25	70.78	69.11	71.299	0	28.701	10.71985	17.98115	33.19128	2
1744.01	1743.5	1075.5	76.73	37.42	76.52	76.06	61.98026	0	38.01974	21.72648	16.29326	34.2383	2
1744.015	1743.505	1075.505	77.15	44.51	76.87	75.44	60.42058	0.176477	39.40294	19.94359	19.45936	34.36592	2
1744.02	1743.51	1075.51	74.03	44.01	74.21	75.57	59.84698	0.248841	39.90418	26.1965	13.70768	33.58113	2
1744.025	1743.515	1075.515	75.98	43.78	76.35	75.61	56.63614	1.168704	42.19516	20.54713	21.64802	33.54078	2
1744.03	1743.52	1075.52	76.42	50.79	76.13	77.5	59.64992	0.394344	39.95574	14.02758	25.92815	33.53803	2
1744.035	1743.525	1075.525	75.13	34.59	74.49	74.12	67.46962	0	32.53038	19.1709	13.35948	33.37512	2
1744.04	1743.53	1075.53	76.13	39.2	75.65	73.41	64.194	0	35.806	23.44707	12.35893	34.13301	2
1744.045	1743.535	1075.535	75.06	33.25	74.91	74.89	64.0608	0	35.9392	10.35779	25.58141	33.75482	2
1744.05	1743.54	1075.54	75.96	37.32	76.01	75.33	60.69786	0.064261	39.23788	22.42176	16.81612	34.35765	2
1744.055	1743.545	1075.545	74.53	46.39	74.32	72.86	61.83352	0	38.16648	24.81568	13.3508	34.16389	2
1744.06	1743.55	1075.55	74.23	65.34	73.47	71.63	61.78612	0.001591	38.21229	19.22566	18.98663	34.07187	2
1744.065	1743.555	1075.555	73.66	78.43	71.05	68.41	73.48024	0	26.51976	13.28944	13.23032	33.2917	2
1744.07	1743.56	1075.56	74.07	82.75	71.29	69.29	73.3751	0	26.6249	7.741903	18.883	33.11622	2
1744.075	1743.565	1075.565	72.88	82.93	70.85	70.2	68.61384	0	31.38616	11.39981	19.98635	33.21362	2
1744.08	1743.57	1075.57	71.22	30.54	70.83	71.18	70.10942	0	29.89058	13.01458	16.876	32.87971	2
1744.085	1743.575	1075.575	71.13	36.26	70.42	70.45	71.28798	0	28.71202	5.735747	22.97627	32.90478	2
1744.09	1743.58	1075.58	69.65	31.33	69.68	69.81	68.10764	0	31.89236	23.82313	8.069232	32.89158	2
1744.095	1743.585	1075.585	69.96	29.88	69.31	69.53	73.44334	0	26.55666	7.707051	18.84961	32.7612	2
1744.1	1743.59	1075.59	69.86	18.22	69.57	68.18	73.56706	0	26.43294	12.99331	13.43963	32.98311	2
1744.105	1743.595	1075.595	69.76	14.47	69.54	68.78	74.02406	0	25.97594	5.431614	20.54433	32.83695	2
1744.11	1743.6	1075.6	69.57	14.98	69.45	68.41	73.30044	0	26.69956	17.48224	9.217324	32.8796	2
1744.115	1743.605	1075.605	69.89	19.9	70.21	69.29	68.4054	0	31.5946	13.44955	18.14505	33.04508	2
1744.12	1743.61	1075.61	70.33	23.64	69.76	66.89	73.99302	0	26.00698	18.90374	7.103243	33.30936	2
1744.125	1743.615	1075.615	70.8	31.91	69.52	68.31	77.06178	0	22.93822	9.464503	13.47372	33.07725	2
1744.13	1743.62	1075.62	71.07	33.52	69.65	68.18	77.50876	0	22.49124	11.86034	10.6309	33.13775	2
1744.135	1743.625	1075.625	70.01	18.36	69.84	69.7	72.46518	0	27.53482	13.82865	13.70617	32.77536	2
1744.14	1743.63	1075.63	99.50804	30.12964	100.591	102.4293	32.76795	19.09701	48.13504	20.05614	28.0789	30.61723	2
1744.145	1743.635	1075.635	97.9874	48.81034	98.16001	97.95863	36.70173	12.73564	50.56263	25.25683	25.3058	31.51375	2
1744.15	1743.64	1075.64	97.23236	48.12024	95.46186	92.93673	52.6225	0.963745	46.41376	27.77989	18.63386	34.41307	2
1744.155	1743.645	1075.645	100.3646	47.33097	98.30332	96.12341	52.18533	0.04654	47.76813	22.57498	25.19315	34.55644	2
1744.16	1743.65	1075.65	101.3671	32.44318	100.1801	99.35361	48.09082	5.170601	46.73858	32.36437	14.37422	33.47567	2
1744.165	1743.655	1075.655	99.71875	26.52237	99.70369	100.1854	41.95699	11.54276	46.50025	14.35152	32.14873	32.0421	2
1744.17	1743.66	1075.66	97.49299	32.36367	97.44804	98.48186	42.82279	9.887978	47.28923	33.84135	13.44788	32.06383	2

1744.175	1743.665	1075.665	98.0925	41.22804	97.22084	97.80696	46.53313	5.960361	47.50651	17.05032	30.45619	32.76266	2
1744.18	1743.67	1075.67	96.06035	28.22651	96.16442	96.50638	43.98709	9.358083	46.65482	21.20107	25.45376	32.34868	2
1744.185	1743.675	1075.675	96.18194	27.67288	96.64328	97.40226	41.24039	11.4544	47.30521	28.0234	19.2818	31.88666	2
1744.19	1743.68	1075.68	63.97	39.87	63.96	61.98	71.57656	0	28.42344	21.46256	6.960875	32.87248	2
1744.195	1743.685	1075.685	65.02	39.08	64.89	65.43	71.73174	0	28.26826	10.54526	17.723	32.48571	2
1744.2	1743.69	1075.69	66.99	28.9	66.69	66.86	73.7004	0	26.2996	19.51396	6.785638	32.60167	2
1744.205	1743.695	1075.695	69.26	29.99	69.32	70.84	68.55822	0	31.44178	4.930057	26.51172	32.5712	2
1744.21	1743.7	1075.7	70.23	26.41	70.34	70.63	68.14468	0	31.85532	17.81955	14.03577	32.89406	2
1744.215	1743.705	1075.705	68.57	36.29	69.52	71.31	60.77092	0	39.22908	24.02849	15.20059	32.97285	2
1744.22	1743.71	1075.71	69.15	42.24	70.71	72.78	54.06992	1.086692	44.84339	26.99544	17.84794	32.36925	2
1744.225	1743.715	1075.715	69.17	57.57	70.8	72.59	49.79916	2.238255	47.96259	29.46477	18.49782	31.57799	2
1744.23	1743.72	1075.72	69.41	37.36	69.51	68.76	66.32668	0	33.67332	7.498635	26.17468	33.15063	2
1744.235	1743.725	1075.725	70.09	38.97	69.51	68.69	70.58146	0	29.41854	9.814187	19.60435	33.05269	2
1744.24	1743.73	1075.73	71.92	34.31	71.6	71.16	68.01058	0	31.98942	6.442542	25.54688	33.18789	2
1744.245	1743.735	1075.735	71.8	25.06	71.5	70.27	70.20448	0	29.79552	5.396357	24.39916	33.19655	2
1744.25	1743.74	1075.74	72.02	32.17	71.73	70.49	68.20396	0	31.79604	14.85383	16.94221	33.33017	2
1744.255	1743.745	1075.745	72.91	33.61	72.24	71.02	69.98168	0	30.01832	23.8857	6.132624	33.2503	2
1744.26	1743.75	1075.75	72.24	17.09	71.76	71.9	73.12342	0	26.87658	4.664984	22.2116	32.84559	2
1744.265	1743.755	1075.755	71.27	12.67	70.94	71.12	73.92296	0	26.07704	18.86854	7.208496	32.75999	2
1744.27	1743.76	1075.76	71.69	17.83	72.07	72.76	66.78534	0	33.21466	15.79056	17.4241	33.0695	2
1744.275	1743.765	1075.765	70.34	27.15	71.02	71.53	63.4469	0	36.5531	20.97654	15.57656	33.20637	2
1744.28	1743.77	1075.77	70.02	28.9	70.12	67.53	67.8128	0	32.1872	10.22687	21.96033	33.4305	2
1744.285	1743.775	1075.775	69.26	30.73	68.89	66.72	71.71164	0	28.28836	6.10685	22.18151	33.18286	2
1744.29	1743.78	1075.78	67.1	20.68	66.27	64.82	79.69594	0	20.30406	8.939094	11.36497	33.09061	2
1744.295	1743.785	1075.785	66.76	11.74	66.84	67.41	75.11972	0	24.88028	4.424454	20.45583	32.32941	2
1744.3	1743.79	1075.79	66.79	13.56	66.96	66.94	73.95418	0	26.04582	15.7414	10.30442	32.42864	2
1744.305	1743.795	1075.795	66.94	12.32	66.84	67.41	76.20876	0	23.79124	19.36798	4.423257	32.39505	2
1744.31	1743.8	1075.8	67.83	13.01	67.47	67.12	77.23798	0	22.76202	13.61988	9.142144	32.68236	2
1744.315	1743.805	1075.805	68.48	10.63	68.07	67.28	77.60344	0	22.39656	15.54033	6.856233	32.79376	2
1744.32	1743.81	1075.81	67.32	12.53	67.52	68.29	73.48334	0	26.51666	9.974216	16.54244	32.31461	2
1744.325	1743.815	1075.815	66.32	21.52	66.24	67.96	74.39776	0	25.60224	13.7864	11.81584	32.18428	2
1744.33	1743.82	1075.82	65.66	24.07	64.8	63.28	80.43286	0	19.56714	10.18269	9.384448	33.17058	2
1744.335	1743.825	1075.825	66.97	16.76	66.57	65.59	77.43168	0	22.56832	4.289445	18.27888	32.80041	2
1744.34	1743.83	1075.83	65.97	9.79	65.64	65.12	79.49592	0	20.50408	13.56299	6.941085	32.68471	2
1744.345	1743.835	1075.835	65.6	9.15	65.51	65.61	78.1312	0	21.8688	4.013087	17.85571	32.43276	2
1744.35	1743.84	1075.84	65.2	10.39	65.17	65.76	77.73412	0	22.26588	15.35847	6.907407	32.30128	2
1744.355	1743.845	1075.845	65.03	12.81	65.34	66.06	74.66988	0	25.33012	19.72843	5.601688	32.12266	2
1744.36	1743.85	1075.85	64.02	21.17	64.81	65.83	69.85596	0	30.14404	13.64672	16.49732	31.92762	2
1744.365	1743.855	1075.855	63.82	21.4	64.45	66.35	71.2243	0	28.7757	16.64592	12.12978	31.77734	2
1744.37	1743.86	1075.86	63.13	14.35	63.35	64.71	76.7427	0	23.2573	10.29727	12.96003	31.96617	2
1744.375	1743.865	1075.865	62.03	10.33	62.23	61.98	78.88254	0	21.11746	6.786304	14.33116	32.26155	2
1744.38	1743.87	1075.87	61.51	13.3	61.7	60.98	78.7197	0	21.2803	7.324079	13.95622	32.35045	2
1744.385	1743.875	1075.875	60.91	11.55	60.91	61.35	81.1677	0	18.8323	7.143534	11.68877	32.32588	2
1744.39	1743.88	1075.88	60.89	8.28	61.11	61.28	80.27244	0	19.72756	3.454343	16.27322	32.17912	2
1744.395	1743.885	1075.885	58.95	16.25	59.78	62.09	75.401	0	24.599	6.476788	18.12221	31.24277	2
1744.4	1743.89	1075.89	57.59	20.44	58.51	59.62	74.94072	0	25.05928	20.50088	4.558403	31.3666	8
1744.405	1743.895	1075.895	58.52	20	58.41	56.94	82.1741	0	17.8259	7.647039	10.17886	32.8559	8
1744.41	1743.9	1075.9	57.96	17.8	57.79	57.45	83.6867	0	16.3133	15.89452	0.41878	32.77989	8
1744.415	1743.905	1075.905	58.12	18.81	58.33	58.98	80.35008	0	19.64992	18.85111	0.798809	32.12445	8
1744.42	1743.91	1075.91	57.33	17.69	57.68	58.66	80.26292	0	19.73708	19.73708	0	31.93992	8
1744.425	1743.915	1075.915	57.79	15.53	58.1	58.74	80.67244	0	19.32756	4.35295	14.97461	32.04187	8
1744.43	1743.92	1075.92	59.52	14.99	59.6	58.8	80.99402	0	19.00598	14.04023	4.965747	32.50071	8
1744.435	1743.925	1075.925	83.20266	21.67221	83.40892	84.48143	56.61041	1.890427	41.49916	13.87613	27.62304	33.93011	8
1744.44	1743.93	1075.93	83.55012	20.52166	83.57807	83.9135	57.95102	1.423697	40.62529	22.17981	18.44548	34.34306	8
1744.445	1743.935	1075.935	84.20473	15.79117	84.45793	85.35822	56.74785	2.073333	41.17882	19.93647	21.24235	34.11629	8
1744.45	1743.94	1075.94	85.66207	17.48632	85.66207	85.34834	56.95921	2.021055	41.01974	17.36122	23.65852	34.41285	8
1744.455	1743.945	1075.945	84.83035	29.60139	85.56912	87.99853	49.06709	4.879942	46.05296	28.47505	17.57791	32.44718	8
1744.46	1743.95	1075.95	86.64164	21.11053	86.98551	88.33235	52.51593	3.921045	43.56303	23.80909	19.75394	33.31804	8
1744.465	1743.955	1075.955	87.86751	21.72671	87.53626	87.20501	56.47121	2.117852	41.41094	23.25653	18.15441	34.36498	8
1744.47	1743.96	1075.96	89.55461	18.3606	89.4676	90.70014	53.84077	3.628771	42.53046	17.08861	25.44185	33.69426	8
1744.475	1743.965	1075.965	87.95946	19.27357	88.73901	89.95164	48.37157	6.183802	45.44463	25.48931	19.95531	32.7684	8
1744.48	1743.97	1075.97	60.98	14.76	61.04	61.42	79.86148	0	20.13852	20.13852	0	32.26167	8
1744.485	1743.975	1075.975	61.42	12.53	61.32	61.82	81.23634	0	18.76366	18.76366	0	32.38999	8
1744.49	1743.98	1075.98	60.74	13.65	60.71	60.02	81.0484	0	18.9516	18.9516	0	32.55752	8
1744.495	1743.985	1075.985	80.38444	22.10294	81.52163	82.05598	51.88416	3.271557	44.84428	30.76274	14.08154	33.17955	8
1744.5	1743.99	1075.99	83.53528	18.14512	84.3625	85.73652	52.34547	3.699424	43.95511	23.60115	20.35396	33.23948	8
1744.505	1743.995	1075.995	85.11409	19.70604	86.25894	87.54512	48.05364	5.745037	46.20132	20.24234	25.95898	32.66601	8
1744.51	1744	1076	85.22147	27.50884	85.88616	89.15303	49.78778	4.703957	45.50827	30.84848	14.65979	32.42881	8
1744.515	1744.005	1076.005	87.33886	26.72737	87.81322	88.53194	49.50397	5.154253	45.34178	30.08667	15.25511	32.92302	8
1744.52	1744.01	1076.01	86.47723	23.24944	86.03214	84.25176	58.26406	1.252842	40.4831	19.77213	20.71097	34.89292	8
1744.525	1744.015	1076.015	88.58597	28.19825	88.57148	87.83266	51.7892	4.080084	44.13071	23.12598	21.00473	33.56477	8
1744.53	1744.02	1076.02	90.64938	21.63973	90.41605	89.43898	53.17407	3.815097	43.01083	19.1229	23.88793	33.99026	8
1744.535	1744.025	1076.025	91.43552	24.29168	92.13584	93.23009	44.57325	8.602976	46.82377	17.91919	28.90458	32.26692	8

1744.54	1744.03	1076.03	61.98	19.93	62.33	61.18	75.44284	0	24.55716	21.37919	3.17797	32.32852	8
1744.545	1744.035	1076.035	61.92	13.77	61.8	61.55	80.63126	0	19.36874	11.49461	7.874131	32.52431	8
1744.55	1744.04	1076.04	83.4246	24.27428	83.72993	82.28655	55.00868	2.458567	42.53276	26.38026	16.1525	34.08604	8
1744.555	1744.045	1076.045	84.29668	16.28125	84.40979	83.97148	57.63038	1.708696	40.66093	22.70261	17.95832	34.52166	8
1744.56	1744.05	1076.05	84.77398	16.84803	84.81673	83.16344	57.59935	1.730176	40.67048	27.22137	13.44911	34.75159	8
1744.565	1744.055	1076.055	86.30751	17.32928	86.30751	83.68038	56.40341	2.300415	41.29618	27.16326	14.13291	34.76378	8
1744.57	1744.06	1076.06	86.30363	17.63915	86.30363	85.58527	56.33199	2.319559	41.34845	26.04143	15.30702	34.39379	2
1744.575	1744.065	1076.065	60.1	12.44	60.35	60.27	79.76002	0	20.23998	14.29628	5.943703	32.19078	2
1744.58	1744.07	1076.07	61.88	14.27	62.18	61.66	77.29206	0	22.70794	3.831948	18.87599	32.22982	2
1744.585	1744.075	1076.075	61.97	17.59	61.67	59.62	81.05582	0	18.94418	16.64284	2.301345	33.00256	2
1744.59	1744.08	1076.08	59.46	14.8	59.47	57.02	81.6377	0	18.3623	13.346	5.016301	32.88356	2
1744.595	1744.085	1076.085	58.02	13.33	58.11	57.44	82.69824	0	17.30176	13.67959	3.622175	32.54597	2
1744.6	1744.09	1076.09	60.81	20.48	61.52	63.08	73.59614	0	26.40386	14.34126	12.0626	31.56684	2
1744.605	1744.095	1076.095	60.99	24.41	61.45	60.78	74.41698	0	25.58302	20.82012	4.7629	32.15738	2
1744.61	1744.1	1076.1	59.61	26.85	58.91	56.72	84.0861	0	15.9139	11.06342	4.850484	33.56391	2
1744.615	1744.105	1076.105	58.7	25.47	58.25	57.68	83.31976	0	16.68024	8.880249	7.799991	33.04576	2
1744.62	1744.11	1076.11	58.03	22.02	58.5	59.62	77.64106	0	22.35894	10.26835	12.09059	31.76519	2
1744.625	1744.115	1076.115	55.92	17.02	56.39	56.11	80.79226	0	19.20774	7.968164	11.23958	32.08578	2
1744.63	1744.12	1076.12	56.31	24.79	56.86	57.27	77.93312	0	22.06688	17.58817	4.478706	31.83537	2
1744.635	1744.125	1076.125	57.47	21.48	57.63	57.21	80.68944	0	19.31056	5.237268	14.07329	32.39009	2
1744.64	1744.13	1076.13	56.48	21.74	56.26	55.05	84.48232	0	15.51768	8.422988	7.094692	33.09098	2
1744.645	1744.135	1076.135	58.47	20.36	58.45	58.43	81.43548	0	18.56452	16.74844	1.816082	32.48114	2
1744.65	1744.14	1076.14	59.07	26.35	58.61	55.98	82.8439	0	17.1561	11.36992	5.786178	33.39976	2
1744.655	1744.145	1076.145	57.88	28.51	57.65	54.42	81.63348	0	18.36652	16.95615	1.410367	33.30419	2
1744.66	1744.15	1076.15	55.86	33.69	55.12	51.15	86.19082	0	13.80918	12.10963	1.699551	34.2937	2
1744.665	1744.155	1076.155	55.02	31.74	54.04	50.86	89.29552	0	10.70448	10.70448	0	34.70397	2
1744.67	1744.16	1076.16	56.15	27.58	55.73	54.11	84.92264	0	15.07736	15.07736	0	33.42026	2
1744.675	1744.165	1076.165	56.33	22.83	56.6	57.33	80.55904	0	19.44096	8.007533	11.43343	32.09362	2
1744.68	1744.17	1076.17	55.33	32.97	56.12	56.74	74.99516	0	25.00484	12.49239	12.51245	31.58212	2
1744.685	1744.175	1076.175	54.55	32.64	54.59	53.94	81.60512	0	18.39488	18.39488	0	32.69235	2
1744.69	1744.18	1076.18	53.66	35.61	52.35	50.62	92.16768	0	7.83232	7.83232	0	35.22044	2
1744.695	1744.185	1076.185	51.82	14.09	51.3	50.62	92.94582	0	7.05418	7.05418	0	34.29797	2
1744.7	1744.19	1076.19	51.09	5	50.8	50.53	94.0347	0	5.9653	5.9653	0	34.10651	2
1744.705	1744.195	1076.195	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1745.015	1744.505	1076.505	78.53	48.09	76.83	76.81	69.28962	0	30.71038	9.897327	20.81305	32.75855	2
1745.02	1744.51	1076.51	73.68	30.39	72.8	73	71.68002	0	28.31998	23.91935	4.40063	32.90411	2
1745.025	1744.515	1076.515	72.84	15.7	72.17	71.12	74.3803	0	25.6197	9.702564	15.91714	33.04268	2
1745.03	1744.52	1076.52	72.61	51.88	71.74	71.56	67.38634	0	32.61366	20.74924	11.86442	33.19277	2
1745.035	1744.525	1076.525	71.5	42.73	70.98	70.73	67.90934	0	32.09066	9.332412	22.75825	33.13348	2
1745.04	1744.53	1076.53	71.39	36.66	70.9	70.47	69.24698	0	30.75302	9.286202	21.46682	33.07672	2
1745.045	1744.535	1076.535	70.62	34.49	69.5	68.56	75.36302	0	24.63698	13.38415	11.25283	33.0125	2
1745.05	1744.54	1076.54	71.3	26.43	70.31	69.35	75.68044	0	24.31956	9.369583	14.94998	32.98276	2
1745.055	1744.545	1076.545	71.06	18.25	70.63	70.82	73.5408	0	26.4592	22.77016	3.689043	32.75743	2
1745.06	1744.55	1076.55	69.87	24.28	69.91	70.44	69.53384	0	30.46616	23.91031	6.555852	32.73727	2
1745.065	1744.555	1076.555	69.79	21.84	70.06	70.82	68.41542	0	31.58458	9.763595	21.82098	32.72238	2
1745.07	1744.56	1076.56	69.65	15.62	69.73	70.06	71.52196	0	28.47804	10.85692	17.62112	32.65296	2
1745.075	1744.565	1076.565	68.98	23.12	69.44	70.78	67.37836	0	32.62164	18.51005	14.11159	32.57271	2
1745.08	1744.57	1076.57	69.32	20.56	69.94	70.65	66.44508	0	33.55492	14.35112	19.2038	32.76977	2
1745.085	1744.575	1076.575	70.03	17.98	70.39	70.55	68.43124	0	31.56876	16.34709	15.22167	32.84595	2
1745.09	1744.58	1076.58	70.26	15.18	70.17	70.44	72.38474	0	27.61526	16.92974	10.68552	32.69917	2
1745.095	1744.585	1076.585	69.45	18.12	70.02	71.47	67.30346	0	32.69654	23.36259	9.333953	32.59211	2
1745.1	1744.59	1076.59	69.27	17.06	69.61	70.94	69.50808	0	30.49192	11.52262	18.9693	32.49006	2
1745.105	1744.595	1076.595	69.47	16.08	69.63	71.09	70.95624	0	29.04376	4.867888	24.17587	32.44114	2
1745.11	1744.6	1076.6	68.91	18.75	69.2	70.94	69.8178	0	30.1822	20.97508	9.207123	32.37367	2
1745.115	1744.605	1076.605	68.44	16.02	68.43	69.94	73.23586	0	26.76414	21.70687	5.05727	32.31123	2
1745.12	1744.61	1076.61	68.39	18.96	68.8	69.56	69.31538	0	30.68462	20.35999	10.32463	32.50828	2
1745.125	1744.615	1076.615	68.61	20.35	68.88	69.59	69.8616	0	30.1384	13.30122	16.83718	32.54036	2
1745.13	1744.62	1076.62	68.44	17.4	68.65	69.24	71.1969	0	28.8031	5.243146	23.55995	32.49837	2
1745.135	1744.625	1076.625	67.85	14.96	67.56	66.78	76.20518	0	23.79482	13.94819	9.846627	32.73713	2
1745.14	1744.63	1076.63	67.87	23.06	67.45	66.82	75.23408	0	24.76592	13.68223	11.08369	32.76944	2
1745.145	1744.635	1076.635	67	20.5	66.67	65.53	75.9565	0	24.0435	20.00292	4.04058	32.80365	2
1745.15	1744.64	1076.64	67.12	41.59	66.52	66.89	72.83482	0	27.16518	12.06608	15.0991	32.71236	2
1745.155	1744.645	1076.645	66.85	68.68	67.2	67.37	59.16494	0.545726	40.28933	20.8534	19.43593	32.69336	2
1745.16	1744.65	1076.65	66.25	44.84	65.53	65.24	73.77872	0	26.22128	15.41351	10.80777	32.87279	2
1745.165	1744.655	1076.655	65.18	36	64.3	64.11	78.1424	0	21.8576	11.90752	9.950079	32.92174	2
1745.17	1744.66	1076.66	63.15	11.55	63.12	62.82	79.3394	0	20.6606	13.28507	7.375527	32.43964	2
1745.175	1744.665	1076.665	61.87	12.74	61.59	61.35	82.16652	0	17.83348	17.83348	0	32.67963	2
1745.18	1744.67	1076.67	59.5	13.89	59.2	58.67	84.22362	0	15.77638	10.77973	4.99665	32.8959	2
1745.185	1744.675	1076.675	59.63	28.96	58.69	57.94	85.41708	0	14.58292	14.58292	0	33.58008	2
1745.19	1744.68	1076.68	60.33	27.19	59.29	58.47	85.97642	0	14.02358	14.02358	0	33.66591	2
1745.195	1744.685	1076.685	60.75	22	60.61	61.87	79.871	0	20.129	20.129	0	32.26029	2
1745.2	1744.69	1076.69	60.36	22.01	59.88	60.96	82.86238	0	17.13762	17.13762	0	32.67099	2
1745.205	1744.695	1076.695	59.52	20.64	60.19	61.49	75.05422	0	24.94578	19.92862	5.017162	31.57783	2

1745.21	1744.7	1076.7	59.21	12.17	60.09	61.11	75.76166	0	24.23834	22.60965	1.628694	31.4311	2
1745.215	1744.705	1076.705	59.04	11.91	59.33	60.27	80.55348	0	19.44652	14.07776	5.368761	31.98071	2
1745.22	1744.71	1076.71	59.9	7.54	59.72	59.8	84.46232	0	15.53768	4.4335	11.10418	32.6731	2
1745.225	1744.715	1076.715	59.41	12.49	59.29	59.18	83.25022	0	16.74978	10.19234	6.55744	32.61691	2
1745.23	1744.72	1076.72	61.78	17.6	62.04	62.33	76.8882	0	23.1118	8.664116	14.44768	32.10468	2
1745.235	1744.725	1076.725	60.99	15.08	61.08	61.33	79.54234	0	20.45766	5.960915	14.49675	32.25049	2
1745.24	1744.73	1076.73	61.45	15.84	61.42	61.61	79.86522	0	20.13478	19.66669	0.468092	32.35842	2
1745.245	1744.735	1076.735	61.66	10.19	61.43	61.57	82.58932	0	17.41068	5.788126	11.62255	32.58755	2
1745.25	1744.74	1076.74	62.02	12.09	61.78	61.82	81.87582	0	18.12418	12.69244	5.431735	32.58511	2
1745.255	1744.745	1076.745	62.62	10.97	62.31	62.17	82.13736	0	17.86264	17.86264	0	32.6681	2
1745.26	1744.75	1076.75	63	14.35	63.16	64.06	77.3273	0	22.6727	11.62005	11.05265	32.07842	2
1745.265	1744.755	1076.755	92.06456	9.027294	92.16697	92.16697	52.32234	5.256014	42.42165	19.70958	22.71207	33.7956	2
1745.27	1744.76	1076.76	93.79534	16.07254	93.02798	92.39343	55.7658	2.601365	41.63284	12.54	29.09284	34.61123	2
1745.275	1744.765	1076.765	93.76471	41.90717	93.24782	93.46934	47.60087	5.540399	46.85873	27.86452	18.99422	32.79665	2
1745.28	1744.77	1076.77	90.34528	29.78806	90.31643	90.87902	49.89722	5.062833	45.03995	16.7215	28.31845	33.05867	2
1745.285	1744.775	1076.775	90.90838	25.84886	90.75063	91.22389	51.33144	4.557784	44.11077	31.68626	12.42452	33.36482	2
1745.29	1744.78	1076.78	87.53977	21.24823	87.6687	87.46815	53.32217	3.617761	43.06007	23.59561	19.46445	33.75769	2
1745.295	1744.785	1076.785	62.22	19.21	62.57	63.12	75.39628	0	24.60372	7.282082	17.32164	32.01375	2
1745.3	1744.79	1076.79	64.46	18.79	63.94	63.8	80.17962	0	19.82038	15.97324	3.847142	32.73172	2
1745.305	1744.795	1076.795	64.41	25.42	64.92	65.18	70.63866	0	29.36134	22.39937	6.961974	32.20022	2
1745.31	1744.8	1076.8	63.36	22.6	63.71	65.41	73.5271	0	26.4729	7.646124	18.82678	31.87346	2
1745.315	1744.805	1076.805	62.86	18.7	63.07	64.28	76.0159	0	23.9841	22.51938	1.464722	31.99368	2
1745.32	1744.81	1076.81	64.61	23.78	64.84	65.29	73.02154	0	26.97846	6.162386	20.81607	32.23406	2
1745.325	1744.815	1076.815	65.63	14.29	65.94	66.41	73.75972	0	26.24028	18.90983	7.330449	32.21154	2
1745.33	1744.82	1076.82	65.6	30.52	66.22	66.78	67.45716	0	32.54284	8.787142	23.7557	32.35447	2
1745.335	1744.825	1076.825	65.16	13.62	65	65.06	77.99676	0	22.00324	16.34992	5.653325	32.46074	2
1745.34	1744.83	1076.83	62.58	8.79	62.47	62.53	81.15172	0	18.84828	16.01915	2.829135	32.45917	2
1745.345	1744.835	1076.835	62.71	9.34	62.69	63.26	80.20152	0	19.79848	5.812315	13.98616	32.28123	2
1745.35	1744.84	1076.84	63.34	11.25	63.75	64.77	75.8272	0	24.1728	9.735683	14.43712	31.91192	2
1745.355	1744.845	1076.845	62.04	9.22	61.98	61.29	81.15696	0	18.84304	15.50394	3.339095	32.56366	2
1745.36	1744.85	1076.85	61.96	16.62	61.33	59.61	83.85726	0	16.14274	16.14274	0	33.28405	2
1745.365	1744.855	1076.855	62.06	20.61	62.75	62.94	72.56968	0	27.43032	6.710793	20.71953	31.90595	2
1745.37	1744.86	1076.86	62.19	13.73	62.18	62.06	79.54004	0	20.45996	13.54102	6.918942	32.3912	2
1745.375	1744.865	1076.865	61.46	18.23	61.43	60.56	79.27764	0	20.72236	5.412893	15.30947	32.54536	2
1745.38	1744.87	1076.87	61.33	23.48	61.35	62.35	77.73924	0	22.26076	16.33321	5.927554	32.15318	2
1745.385	1744.875	1076.875	60.03	19.18	60.55	62.59	76.10084	0	23.89916	20.17934	3.719821	31.55892	2
1745.39	1744.88	1076.88	58.37	26.27	58.24	58.94	80.94976	0	19.05024	11.49196	7.558281	32.43857	2
1745.395	1744.885	1076.885	58.6	22.7	59.02	59.12	77.3396	0	22.6604	13.63438	9.026016	31.99095	2
1745.4	1744.89	1076.89	59.92	22.72	59.9	57.64	79.53036	0	20.46964	16.25645	4.213189	32.81739	2
1745.405	1744.895	1076.895	62.02	16.06	62.04	62.78	78.90008	0	21.09992	8.120473	12.97945	32.20338	2
1745.41	1744.9	1076.9	64.66	20.41	63.94	63.39	81.15358	0	18.84642	18.84642	0	32.94613	2
1745.415	1744.905	1076.905	65.34	22.36	65.35	67.12	74.39858	0	25.60142	19.72134	5.880075	32.09396	2
1745.42	1744.91	1076.91	66.13	18.93	66.56	68.5	71.24684	0	28.75316	16.25408	12.49908	32.00394	2
1745.425	1744.915	1076.915	67.08	19.51	67.49	67.57	70.38748	0	29.61252	18.63065	10.98187	32.46357	2
1745.43	1744.92	1076.92	66.51	19.35	66.86	67.76	71.4156	0	28.5844	11.55545	17.02895	32.24707	2
1745.435	1744.925	1076.925	65.71	15.67	66.22	67.2	71.80216	0	28.19784	21.04472	7.153122	32.09357	2
1745.44	1744.93	1076.93	66.26	20.39	66.49	66.74	72.32392	0	27.67608	6.86436	20.81172	32.36675	2
1745.445	1744.935	1076.935	68.4	34.44	68.17	66.6	70.52002	0	29.47998	20.85438	8.625597	33.04767	2
1745.45	1744.94	1076.94	72.63	49.01	73.2	70.07	56.90248	0.918423	42.1791	11.29557	30.88353	33.73076	2
1745.455	1744.945	1076.945	75.14	38.5	75.86	75.82	55.9742	1.263651	42.76215	25.20889	17.55326	33.36502	2
1745.46	1744.95	1076.95	75.59	30.77	76.53	77.35	55.72586	1.35451	42.91963	12.2981	30.62153	33.34651	2
1745.465	1744.955	1076.955	76.92	14.53	76.91	77.11	65.79484	0	34.20516	11.69578	22.50938	33.8914	2
1745.47	1744.96	1076.96	76.64	16.52	76.06	74.65	69.98836	0	30.01164	23.88011	6.131527	33.54511	2
1745.475	1744.965	1076.965	73.77	10.94	73.41	72.82	72.27412	0	27.72588	22.66816	5.057723	33.11661	2
1745.48	1744.97	1076.97	70.98	9.89	71.07	70.72	71.60752	0	28.39248	18.8701	9.522379	32.88507	2
1745.485	1744.975	1076.975	69.42	18.38	69.39	68.94	71.91814	0	28.08186	19.11564	8.966224	32.78046	2
1745.49	1744.98	1076.98	67.38	10.84	67.57	67.71	73.91462	0	26.08538	21.98912	4.096262	32.41614	2
1745.495	1744.985	1076.985	65.24	8.48	65.24	65.67	77.92704	0	22.07296	22.07296	0	32.30598	2
1745.5	1744.99	1076.99	62.79	17.4	63.59	64.29	71.8224	0	28.1776	4.603128	23.57447	31.80053	2
1745.505	1744.995	1076.995	61.69	17.39	62.09	62.76	75.93682	0	24.06318	6.889097	17.17408	31.93473	2
1745.51	1745	1077	61.92	22.78	61.82	62.72	78.29584	0	21.70416	12.24983	9.454333	32.26023	2
1745.515	1745.005	1077.005	62.76	17.89	63.14	65.65	74.98642	0	25.01358	16.05295	8.960633	31.64967	2
1745.52	1745.01	1077.01	62.59	17.14	62.8	64.24	76.64182	0	23.35818	16.62798	6.730199	31.93891	2
1745.525	1745.015	1077.015	62.99	23.77	62.94	63.13	76.68436	0	23.31564	13.08057	10.23507	32.35363	2
1745.53	1745.02	1077.02	62.91	20.68	63.41	64.71	73.24324	0	26.75676	4.54134	22.21542	31.84069	2
1745.535	1745.025	1077.025	64.3	22.88	65.43	67.18	66.54954	0	33.45046	21.00514	12.44532	31.83791	2
1745.54	1745.03	1077.03	64.72	35.22	66.32	68.17	59.53436	0	40.46564	9.643327	30.82231	32.34706	2
1745.545	1745.035	1077.035	66.37	40.91	67.88	69.06	57.33688	0.119283	42.54384	21.50161	21.04222	32.87465	2
1745.55	1745.04	1077.04	67.02	24.28	67.87	68.39	65.87834	0	34.12166	11.09671	23.02495	32.52116	2
1745.555	1745.045	1077.045	64.85	23.11	65.14	65.18	72.49788	0	27.50212	16.80619	10.69593	32.30191	2
1745.56	1745.05	1077.05	62.87	13.99	62.57	62.29	81.09902	0	18.90098	11.42117	7.479811	32.65226	2
1745.565	1745.055	1077.055	62.37	10.05	62.07	62.33	82.5125	0	17.4875	3.81565	13.67185	32.60048	2
1745.57	1745.06	1077.06	61.08	14.82	61.45	63.71	77.35246	0	22.64754	20.29869	2.348848	31.64323	2

1745.575	1745.065	1077.065	61.47	12.44	61.8	63.47	77.87962	0	22.12038	5.760927	16.35945	31.78788	2
1745.58	1745.07	1077.07	61.26	9.29	61.43	61.33	80.07512	0	19.92488	13.17766	6.747216	32.25586	2
1745.585	1745.075	1077.075	61.83	11.91	62.06	62.82	78.45168	0	21.54832	10.47711	11.07121	32.03741	2
1745.59	1745.08	1077.08	88.15259	17.86029	88.06608	89.39255	55.24788	2.893483	41.85864	24.42726	17.43139	33.87731	2
1745.595	1745.085	1077.085	87.87336	18.51148	87.52751	87.98864	57.35703	1.850041	40.79293	30.62445	10.16848	34.42013	2
1745.6	1745.09	1077.09	86.39262	26.9649	87.13739	87.0801	48.22136	5.60755	46.17109	24.53927	21.63182	32.85453	2
1745.605	1745.095	1077.095	85.202	25.894	86.13967	88.08498	48.08087	5.508003	46.41113	34.04424	12.36688	32.45686	2
1745.61	1745.1	1077.1	84.7365	25.92177	85.8814	85.90899	46.89637	5.932605	47.17103	18.51307	28.65796	32.6562	2
1745.615	1745.105	1077.105	61.24	23.29	62.04	62.86	71.82302	0	28.17698	8.763079	19.4139	31.70211	2
1745.62	1745.11	1077.11	61.23	17.89	61.9	62.41	74.14652	0	25.85348	19.58328	6.270198	31.78139	2
1745.625	1745.115	1077.115	60.35	14.28	60.52	61.17	79.70474	0	20.29526	8.998706	11.29655	32.11268	2
1745.63	1745.12	1077.12	60	12.84	60.37	60.96	78.82522	0	21.17478	21.02403	0.150752	31.94598	2
1745.635	1745.125	1077.125	59.64	12.91	59.45	58.84	83.47948	0	16.52052	11.95052	4.570004	32.7711	2
1745.64	1745.13	1077.13	59.17	18.76	59.09	58.42	81.64368	0	18.35632	14.59078	3.765538	32.63455	2
1745.645	1745.135	1077.135	58.83	15.31	58.96	59.71	81.16388	0	18.83612	18.83612	0	32.17442	2
1745.65	1745.14	1077.14	58.55	15.12	58.67	59.06	81.54496	0	18.45504	7.729391	10.72565	32.26517	2
1745.655	1745.145	1077.145	57.21	12.06	57.54	57.93	81.89078	0	18.10922	5.091915	13.01731	32.09787	2
1745.66	1745.15	1077.15	55.87	12.22	56.39	56.59	81.61236	0	18.38764	15.57692	2.810717	31.95621	2
1745.665	1745.155	1077.155	55.21	9.35	55.02	54.9	88.4166	0	11.5834	4.390343	7.193057	33.15146	2
1745.67	1745.16	1077.16	54.8	13.38	54.46	54.35	88.98104	0	11.01896	11.01896	0	33.3858	2
1745.675	1745.165	1077.165	55.46	12.26	55.27	55.39	87.48238	0	12.51762	12.51762	0	33.02767	2
1745.68	1745.17	1077.17	55.9	13.09	56.43	56.53	81.29672	0	18.70328	3.208634	15.49465	31.95529	2
1745.685	1745.175	1077.175	58.58	15.73	58.48	58.65	83.07474	0	16.92526	6.122697	10.80256	32.56092	2
1745.69	1745.18	1077.18	59.79	14.94	59.65	60.24	82.46272	0	17.53728	11.2323	6.304982	32.46346	2
1745.695	1745.185	1077.185	59.84	9.08	60.13	60.41	80.50234	0	19.49766	12.76984	6.727817	32.09333	2
1745.7	1745.19	1077.19	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1746.005	1745.495	1077.495	127.5431	60.32054	126.2674	122.1253	17.94991	34.46751	47.58258	20.90365	26.67893	28.71845	8
1746.01	1745.5	1077.5	120.013	42.57657	119.9166	119.9487	20.0315	42.34256	37.62594	26.66566	10.96028	27.52276	8
1746.015	1745.505	1077.505	114.4421	35.6883	114.8041	114.4421	23.27151	36.8083	39.92018	15.58938	24.3308	28.59329	8
1746.02	1745.51	1077.51	114.5719	38.23113	115.0278	114.5562	21.80916	38.60861	39.58223	26.05061	13.53161	28.42958	8
1746.025	1745.515	1077.515	115.1616	42.15607	115.1772	115.2396	23.72869	33.7146	42.55671	22.64175	19.91495	28.82576	8
1746.03	1745.52	1077.52	118.1594	36.85974	119.0989	120.837	15.0921	55.62517	29.28273	19.7143	9.568425	25.97431	8
1746.035	1745.525	1077.525	129.7148	37.42975	129.4139	131.0188	13.9365	65.53567	20.52782	13.41581	7.112019	23.15661	8
1746.04	1745.53	1077.53	77.46	30.32	77.32	79.65	62.48436	0	37.51564	18.12151	19.39413	33.80593	8
1746.045	1745.535	1077.535	78.89	38.83	78.8	82.48	58.72184	0.709498	40.56866	13.90134	26.66732	33.305	8
1746.05	1745.54	1077.54	77.65	25.35	77.5	77.37	63.5898	0	36.4102	19.18919	17.22101	34.17265	8
1746.055	1745.545	1077.545	73.92	20.4	74.04	74.31	66.1268	0	33.8732	7.944935	25.92826	33.44299	8
1746.06	1745.55	1077.55	76.69	34.34	75.56	73.78	69.89242	0	30.10758	6.158512	23.94907	33.34998	8
1746.065	1745.555	1077.555	79.1	24.14	78.51	77.08	65.95862	0	34.04138	9.428023	24.61336	34.07151	8
1746.07	1745.56	1077.56	80.03	33.32	80.2	80.77	56.99146	1.348561	41.65998	13.5314	28.12858	33.7372	8
1746.075	1745.565	1077.565	81.3	54.06	80.4	79.56	59.09648	0.403798	40.49972	13.95346	26.54626	34.0696	8
1746.08	1745.57	1077.57	78.67	88.13	76.96	77.43	59.54864	0.338184	40.11318	12.96896	27.14421	33.06687	8
1746.085	1745.575	1077.575	75.97	44.92	75.49	75.98	62.95696	0	37.04304	6.576941	30.4661	33.71556	8
1746.09	1745.58	1077.58	73.88	31.51	74.07	75.65	62.93248	0	37.06752	7.114995	29.95253	33.50325	8
1746.095	1745.585	1077.585	74	25.18	74.47	74.94	62.18394	0	37.81606	20.89505	16.92101	33.88971	8
1746.1	1745.59	1077.59	73.79	26.76	73.56	73	67.41978	0	32.58022	16.17089	16.40933	33.39685	8
1746.105	1745.595	1077.595	73.07	21.77	72.7	72.22	70.37476	0	29.62524	5.746741	23.8785	33.11754	8
1746.11	1745.6	1077.6	72.38	19.85	72.29	72.35	69.3042	0	30.6958	21.046	9.649796	33.04722	8
1746.115	1745.605	1077.605	71.3	16.58	71.16	70.65	71.47664	0	28.52336	10.29555	18.22781	32.94979	8
1746.12	1745.61	1077.61	68.98	21.79	68.43	68.28	75.52772	0	24.47228	6.098944	18.37334	32.72692	8
1746.125	1745.615	1077.615	68.85	44.45	67.35	66.59	77.5261	0	22.4739	11.52942	10.94448	33.13513	8
1746.13	1745.62	1077.62	68.71	61.78	66.71	66.47	77.33604	0	22.66396	22.66396	0	33.24885	8
1746.135	1745.625	1077.625	69.67	54.18	71.17	73	51.16704	1.960052	46.87291	17.37462	29.49829	31.79759	8
1746.14	1745.63	1077.63	70.66	46.22	72.22	74.35	51.71756	1.84435	46.43809	17.02733	29.41076	32.02755	8
1746.145	1745.635	1077.635	70.18	40.67	71.36	73.06	56.44726	0.686105	42.86664	20.60518	22.26146	32.83172	8
1746.15	1745.64	1077.64	69.85	24.88	69.74	69.06	70.56954	0	29.43046	20.64519	8.785266	32.9188	8
1746.155	1745.645	1077.645	68.82	16.87	68.58	68.12	74.46306	0	25.53694	12.56706	12.96988	32.7146	8
1746.16	1745.65	1077.65	66.5	27.25	66.14	64.59	75.0155	0	24.9845	8.576088	16.40841	32.89186	8
1746.165	1745.655	1077.655	65.48	37.99	65.1	65.06	73.50982	0	26.49018	8.902344	17.58784	32.65412	8
1746.17	1745.66	1077.66	64.51	32.56	64.7	66.71	71.29878	0	28.70122	15.19487	13.50635	32.02345	8
1746.175	1745.665	1077.665	98.14341	39.27164	98.0528	101.0882	40.90654	10.59084	48.50262	31.89525	16.60737	31.41504	8
1746.18	1745.67	1077.67	102.6923	54.25808	102.0795	105.2049	37.1419	11.67423	51.18388	31.23521	19.94867	31.03003	8
1746.185	1745.675	1077.675	105.7807	66.3078	105.1616	103.258	31.43294	15.10617	53.46089	31.27219	22.1887	31.3876	8
1746.19	1745.68	1077.68	108.0507	38.92866	107.2115	104.2433	37.6762	13.33495	48.98885	18.65149	30.33736	32.1784	8
1746.195	1745.685	1077.685	108.5653	40.6393	108.3637	107.9759	31.84799	20.4317	47.72032	18.40301	29.31731	30.67896	8
1746.2	1745.69	1077.69	109.4318	61.71161	111.3762	114.1917	9.319346	47.47452	43.20613	26.99254	16.2136	28.10974	8
1746.205	1745.695	1077.695	110.2352	54.53214	111.1326	112.3551	18.4314	36.31786	45.25074	22.83317	22.41757	28.7761	8
1746.21	1745.7	1077.7	108.6655	42.18327	108.8642	108.8642	28.27897	24.87157	46.84946	26.31629	20.53316	30.072	8
1746.215	1745.705	1077.705	107.9109	36.87985	106.7306	105.0963	40.9447	9.784476	49.27082	27.69338	21.57744	32.55487	8
1746.22	1745.71	1077.71	108.0872	61.55419	108.3239	107.525	23.82915	25.71498	50.45587	27.95054	22.50533	30.12835	8
1746.225	1745.715	1077.715	119.0274	87.37576	117.2443	115.8994	23.16867	14.69061	62.14071	36.83196	25.30875	31.24122	8
1746.23	1745.72	1077.72	79.57	83.91	77.44	73.94	62.99688	0	37.00312	25.12197	11.88115	33.54824	8
1746.235	1745.725	1077.725	72.81	13.87	73.62	74.19	63.38076	0	36.61924	24.30962	12.30962	33.61621	8

1746.24	1745.73	1077.73	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1746.26	1745.75	1077.75	74.69	7.04	74.17	73.8	73.61152	0	26.38848	18.76518	7.623298	33.05924	8
1746.265	1745.755	1077.755	74.81	16.28	74.3	74.04	71.18754	0	28.81246	14.89891	13.91355	33.13939	8
1746.27	1745.76	1077.76	74.37	10.76	74.14	73.72	70.75818	0	29.24182	7.249344	21.99248	33.23091	8
1746.275	1745.765	1077.765	73.3	15.97	73.28	73.06	68.85426	0	31.14574	8.302319	22.84342	33.22964	8
1746.28	1745.77	1077.77	71.36	34.73	70.75	70.76	70.67164	0	29.32836	19.55659	9.771766	32.91529	8
1746.285	1745.775	1077.775	71.04	29.98	70.9	70.56	68.47304	0	31.52696	21.09312	10.43384	33.05678	8
1746.29	1745.78	1077.78	115.1243	38.83695	115.3814	118.6119	22.6942	36.94735	40.35845	14.70716	25.65128	27.8795	8
1746.295	1745.785	1077.785	117.14	26.75101	116.6388	116.4933	29.6414	28.52228	41.83632	12.78913	29.04719	29.39611	8
1746.3	1745.79	1077.79	116.4571	60.61184	115.4115	112.5966	26.29436	21.51838	52.18725	20.82773	31.35952	30.71976	8
1746.305	1745.795	1077.795	114.2629	42.75816	115.038	116.0346	18.52332	42.81601	38.66067	18.04508	20.61559	27.81779	8
1746.31	1745.8	1077.8	111.778	26.24188	112.4521	113.8944	25.58929	34.81538	39.59533	16.74962	22.84571	28.6241	8
1746.315	1745.805	1077.805	109.9537	24.39473	109.2998	108.4746	38.007	16.22103	45.77198	31.02617	14.7458	31.55239	8
1746.32	1745.81	1077.81	108.2481	14.99747	108.4028	109.0372	35.58321	21.95932	42.45747	12.75905	29.69841	30.57918	8
1746.325	1745.815	1077.815	106.0421	13.94863	106.1033	105.935	38.59143	17.9989	43.40967	21.72059	21.68908	31.36606	8
1746.33	1745.82	1077.82	104.813	18.32623	104.4956	104.6014	41.59652	13.54146	44.86202	21.76185	23.10017	31.97817	8
1746.335	1745.825	1077.825	102.9984	23.35069	103.6608	105.5576	34.45724	19.94087	45.60188	22.35549	23.24639	30.55828	8
1746.34	1745.83	1077.83	104.2041	25.37825	104.5078	104.6901	35.6369	18.62752	45.73558	33.22707	12.50851	31.02459	8
1746.345	1745.835	1077.835	103.5739	17.93845	103.9819	104.4505	37.20841	18.2177	44.5739	16.86436	27.70953	31.14421	8
1746.35	1745.84	1077.84	101.0888	14.86592	101.1783	101.6259	42.70702	12.76823	44.52474	22.59522	21.92953	32.09108	8
1746.355	1745.845	1077.845	92.8984	18.24126	92.8839	93.14489	50.23146	5.856772	43.91177	25.63149	18.28027	33.32518	8
1746.36	1745.85	1077.85	87.09005	19.26986	86.5103	86.6517	59.70692	0.75442	39.53866	14.92379	24.61486	34.90096	8
1746.365	1745.855	1077.855	82.36404	21.3653	82.58789	84.98032	57.31982	1.573817	41.10636	23.37991	17.72646	33.76612	8
1746.37	1745.86	1077.86	59.03	12.51	59	58.72	82.89748	0	17.10252	13.28323	3.819293	32.55315	8
1746.375	1745.865	1077.865	59.81	20.94	60.55	61.78	74.17232	0	25.82768	14.11154	11.71614	31.54586	8
1746.38	1745.87	1077.87	58.27	30.36	59.12	59.94	72.45698	0	27.54302	18.18427	9.358748	31.54654	8
1746.385	1745.875	1077.875	55.41	19.65	55.35	54.92	84.7325	0	15.2675	6.116703	9.150797	32.82381	8
1746.39	1745.88	1077.88	55.05	25.98	54.29	53.72	88.95684	0	11.04316	11.04316	0	33.92459	8
1746.395	1745.885	1077.885	55.49	35.15	55.47	55.98	80.5979	0	19.4021	16.93096	2.471143	32.46177	8
1746.4	1745.89	1077.89	53.42	22.16	53.66	53.8	83.63088	0	16.36912	16.36912	0	32.42346	8
1746.405	1745.895	1077.895	53.53	16.71	53.58	54	86.32108	0	13.67892	13.67892	0	32.72347	8
1746.41	1745.9	1077.9	54.07	16.61	54.27	54.15	84.68598	0	15.31402	15.06785	0.246166	32.53457	8
1746.415	1745.905	1077.905	53.47	22.32	53.45	54.09	85.56116	0	14.43884	10.70753	3.731311	32.72569	8
1746.42	1745.91	1077.91	53.72	18.96	53.77	53.83	85.60178	0	14.39822	14.39822	0	32.73887	8
1746.425	1745.915	1077.915	54.34	25.61	54.49	53.57	82.64708	0	17.35292	16.45124	0.901677	32.64368	8
1746.43	1745.92	1077.92	56.04	32.29	56.33	56.21	78.38152	0	21.61848	15.40057	6.217907	32.19629	8
1746.435	1745.925	1077.925	55.18	22.43	55.36	54.44	82.41134	0	17.58866	4.094008	13.49465	32.56646	8
1746.44	1745.93	1077.93	54.73	13.43	54.9	54.86	85.08084	0	14.91916	14.91916	0	32.54411	8
1746.445	1745.935	1077.935	55.11	10.77	54.93	54.98	88.08746	0	11.91254	8.664318	3.248222	33.08388	8
1746.45	1745.94	1077.94	54.55	11.06	54.82	55.39	85.04498	0	14.95502	3.964178	10.99084	32.32472	8
1746.455	1745.945	1077.945	55.08	16.78	55.31	56.04	83.48314	0	16.51686	11.47541	5.041451	32.24897	8
1746.46	1745.95	1077.95	54.34	16.55	54.43	55.8	85.3046	0	14.6954	9.693197	5.002203	32.40324	8
1746.465	1745.955	1077.955	53.62	22.67	53.33	53.11	87.43096	0	12.56904	6.788373	5.780667	33.30706	8
1746.47	1745.96	1077.96	55.98	53.89	54.94	54.09	83.51702	0	16.48298	7.904418	8.578562	33.89532	8
1746.475	1745.965	1077.965	81.19443	42.53413	82.25276	81.97054	46.80587	4.833207	48.36093	27.45828	20.90264	32.36777	8
1746.48	1745.97	1077.97	84.18849	35.44772	84.94322	84.0176	48.11905	4.982094	46.89885	26.79276	20.1061	32.82771	8
1746.485	1745.975	1077.975	85.86745	25.62669	85.95282	85.34101	54.13867	2.94928	42.91205	23.95369	18.95836	33.84418	8
1746.49	1745.98	1077.98	86.22401	34.22784	85.42867	83.92319	58.5547	0.735602	40.7097	27.63774	13.07195	34.71674	8
1746.495	1745.985	1077.985	87.43594	61.59407	87.93	83.7516	40.82415	7.636383	51.53947	24.39795	27.14152	32.40359	8
1746.5	1745.99	1077.99	92.05998	77.72272	93.81775	97.40306	22.87316	17.83489	59.29195	31.7173	27.57464	30.15292	8
1746.505	1745.995	1077.995	97.22999	35.85329	98.60956	99.79833	31.18028	18.65581	50.16391	36.57818	13.58572	30.71197	8
1746.51	1746	1078	98.76574	19.2794	99.15511	99.02033	41.45227	12.8423	45.70543	27.58494	18.12049	32.03447	8
1746.515	1746.005	1078.005	98.67076	43.82283	97.9976	98.49125	43.83479	7.680755	48.48446	31.48724	16.99722	32.33869	8
1746.52	1746.01	1078.01	97.70304	74.1749	99.74093	101.9378	16.36924	26.17741	57.45335	40.78934	16.66401	30.17095	8
1746.525	1746.015	1078.015	99.07931	59.32577	102.0998	105.0919	11.0817	34.50776	54.41054	31.55952	22.85102	29.90489	8
1746.53	1746.02	1078.02	99.62183	43.88604	101.6365	102.2705	22.1136	26.89861	50.98779	32.09924	18.88855	30.16016	8
1746.535	1746.025	1078.025	70.2	19.65	70.35	70.12	69.4982	0	30.5018	12.3885	18.1133	32.88041	8
1746.54	1746.03	1078.03	107.064	29.98505	106.6231	106.2431	37.66131	15.57203	46.76666	20.89782	25.86883	31.50442	8
1746.545	1746.035	1078.035	102.0524	26.1984	102.797	104.2415	34.00129	19.55784	46.44088	15.22977	31.2111	30.65554	8
1746.55	1746.04	1078.04	99.52402	27.46782	100.482	102.1135	34.36643	18.0621	47.57147	23.78056	23.79091	30.79017	8
1746.555	1746.045	1078.045	97.72728	26.86313	98.36603	100.0446	38.63978	13.92123	47.43899	19.10208	28.33692	31.34315	8
1746.56	1746.05	1078.05	98.10457	23.58808	98.34319	99.92408	42.18614	11.54886	46.265	25.35393	20.91107	31.8422	8
1746.565	1746.055	1078.055	102.5458	23.69195	102.2113	102.8955	42.51694	11.59687	45.88619	18.84988	27.03631	32.08495	8
1746.57	1746.06	1078.06	104.4021	37.74752	104.3256	109.5158	35.40842	16.46369	48.12789	31.10949	17.01839	30.22573	8
1746.575	1746.065	1078.065	104.5262	44.62576	104.7251	108.5347	31.49505	19.42447	49.08048	28.66665	20.41383	30.02432	8
1746.58	1746.07	1078.07	104.1745	54.87101	104.4949	106.1881	28.39795	20.72328	50.87878	19.65852	31.22026	30.20686	8
1746.585	1746.075	1078.075	104.2457	60.52768	102.2483	100.8151	44.92603	2.462509	52.61146	28.30795	24.3035	33.35924	8
1746.59	1746.08	1078.08	103.8505	48.53632	101.7034	101.6577	49.35147	0.41399	50.23454	21.76915	28.4654	33.8966	8
1746.595	1746.085	1078.085	101.7351	35.74645	100.0274	98.65223	50.98754	1.999568	47.01289	21.72628	25.28661	34.21725	8
1746.6	1746.09	1078.09	102.6609	48.1581	100.5541	98.61392	50.22596	0.372908	49.40113	20.97248	28.42865	34.30673	8
1746.605	1746.095	1078.095	104.0714	43.29288	101.8928	98.63246	50.6618	0	49.3382	17.66841	31.66979	34.60884	8
1746.61	1746.1	1078.1	104.3763	55.42683	101.4324	97.52767	53.37522	0	46.62478	24.19803	22.42675	28.84483	8
1746.615	1746.105	1078.105	105.9767	71.16592	103.292	96.92542	46.08572	0	53.91428	20.577	33.33728	32.25772	8

1746.62	1746.11	1078.11	109.3176	85.99659	108.9605	98.72899	21.38409	22.81411	55.8018	29.53306	26.26873	32.15032	8
1746.625	1746.115	1078.115	105.922	69.12816	106.2747	108.3757	23.08919	24.27154	52.63927	25.25261	27.38666	29.77805	8
1746.63	1746.12	1078.12	107.5517	63.32282	107.7523	108.4466	24.17388	24.69031	51.1358	28.84143	22.29437	29.95333	8
1746.635	1746.125	1078.125	105.6538	76.23062	104.9024	103.9057	30.17392	14.50245	55.32363	26.63984	28.68379	31.20157	8
1746.64	1746.13	1078.13	105.2889	56.94462	106.7899	108.3216	17.72042	33.26448	49.0151	26.41667	22.59843	29.33294	8
1746.645	1746.135	1078.135	103.3934	33.4723	104.8381	106.6326	25.58147	27.80667	46.61185	23.89139	22.72047	29.66559	8
1746.65	1746.14	1078.14	101.2279	23.56226	102.1634	103.0385	33.91833	19.78041	46.30126	19.44995	26.85131	30.76626	8
1746.655	1746.145	1078.145	99.64926	18.96872	100.3695	101.3749	38.15033	15.98104	45.86863	30.45126	15.41737	31.32659	8
1746.66	1746.15	1078.15	95.9873	20.04737	96.66859	98.17926	41.56025	12.03082	46.40893	23.44507	22.96386	31.77805	8
1746.665	1746.155	1078.155	90.1578	24.36775	90.91214	93.61035	45.31171	7.91535	46.77294	34.23281	12.54013	32.03852	8
1746.67	1746.16	1078.16	87.30127	32.37974	88.14872	92.83121	45.27923	6.906693	47.81408	33.22263	14.59145	31.55385	8
1746.675	1746.165	1078.165	90.63811	22.73831	92.23615	94.85113	38.72543	11.96954	49.30503	33.38209	15.92294	31.33994	8
1746.68	1746.17	1078.17	90.55356	22.38986	91.72977	91.96211	42.15676	9.947687	47.89555	32.06678	15.82877	32.13022	8
1746.685	1746.175	1078.175	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1747.005	1746.495	1078.495	78.92	71.7	78.67	74.16	51.9797	2.560686	45.45961	30.74855	14.71106	33.14043	8
1747.01	1746.5	1078.5	74.12	58.58	73.1	70.76	65.53824	0	34.46176	14.9139	19.54786	33.72645	8
1747.015	1746.505	1078.505	67.34	36.84	66.56	65.83	75.17692	0	24.82308	18.02583	6.797247	32.91562	8
1747.02	1746.51	1078.51	67.96	39.12	67.22	66.04	73.74476	0	26.25524	10.45087	15.80437	33.00646	8
1747.025	1746.515	1078.515	69.58	46.83	68.82	66.73	70.54354	0	29.45646	14.42239	15.03407	33.29735	8
1747.03	1746.52	1078.52	70.11	36.06	69.61	68.11	70.64728	0	29.35272	13.15864	16.19408	33.13691	8
1747.035	1746.525	1078.525	71.48	48.03	71.02	68.65	66.18014	0	33.81986	12.59923	21.22063	33.63045	8
1747.04	1746.53	1078.53	79.04	57.1	78.42	77.31	58.27	0.744833	40.98517	11.8317	29.15346	33.76082	8
1747.045	1746.535	1078.535	88.45	33.12	88.5	85	50.22346	4.590145	45.18639	27.45623	17.73017	33.74613	8
1747.05	1746.54	1078.54	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1747.065	1746.555	1078.555	75.83	57.89	74.56	71.98	66.06952	0	33.93048	10.63608	23.2944	33.67792	8
1747.07	1746.56	1078.56	74.95	83.44	72.88	70.1	66.89602	0	33.10398	21.20913	11.89485	33.5011	8
1747.075	1746.565	1078.565	73.3	65.6	72.17	70.61	65.4463	0	34.5537	10.76406	23.78964	33.57176	8
1747.08	1746.57	1078.57	71.31	66.77	70.63	69.04	63.50646	0	36.49354	10.42929	26.06425	33.72951	8
1747.085	1746.575	1078.575	71.38	77.95	70.39	69.57	63.139	0.017276	36.84372	25.34776	11.49596	33.62876	8
1747.09	1746.58	1078.58	68.58	70.13	67.49	66.11	68.38244	0	31.61756	14.40174	17.21582	33.40342	8
1747.095	1746.585	1078.585	73.28	48.67	72.5	72.36	66.84926	0	33.15074	11.69895	21.45179	33.22921	8
1747.1	1746.59	1078.59	76.02	80.47	75.12	75.61	57.56286	1.083246	41.35389	19.25623	22.09766	32.67578	8
1747.105	1746.595	1078.595	77.39	86.59	77.29	77.02	48.62142	3.471476	47.9071	30.05168	17.85542	31.58362	8
1747.11	1746.6	1078.6	77.83	63.37	78.03	78.49	51.51086	2.705492	45.78365	24.49061	21.29304	32.26401	8
1747.115	1746.605	1078.605	77.29	49	77.55	78.14	55.0202	1.697111	43.28269	30.2093	13.07339	32.97998	8
1747.12	1746.61	1078.61	80.39	71.7	79.86	79.82	52.7973	2.295312	44.90739	27.96076	16.94663	32.5106	8
1747.125	1746.615	1078.615	83.09	97.95	82.08	80	47.6808	3.504825	48.81437	33.35971	15.45466	31.95328	8
1747.13	1746.62	1078.62	80.99	63.89	80.55	79.57	53.43782	2.165597	44.39658	13.58416	30.81243	32.95241	8
1747.135	1746.625	1078.625	77.77	51.47	78.07	78.24	53.67086	2.109972	44.21917	17.9355	26.28367	32.83582	8
1747.14	1746.63	1078.63	73.31	65.94	72.33	69.98	64.19232	0	35.80768	11.71727	24.09041	33.84007	8
1747.145	1746.635	1078.635	68.29	89.75	65.86	61.73	74.2862	0	25.7138	6.218861	19.49494	34.24416	8
1747.15	1746.64	1078.64	65.25	61.35	63.06	61.56	82.0958	0	17.9042	11.79974	6.104463	34.04562	8
1747.155	1746.645	1078.645	61.59	36.06	60.23	59.2	85.15068	0	14.84932	12.97171	1.877607	33.82573	8
1747.16	1746.65	1078.65	59.49	33.55	59.47	60.79	77.3051	0	22.6949	16.06124	6.633657	32.13902	8
1747.165	1746.655	1078.655	60.12	19.16	59.59	60.17	84.16038	0	15.83962	7.186416	8.653204	32.85259	8
1747.17	1746.66	1078.66	57.67	28.83	56.53	55.49	88.80174	0	11.19826	10.73617	0.462092	34.1892	8
1747.175	1746.665	1078.665	56.5	19.87	55.88	55.86	88.01646	0	11.98354	7.990225	3.993315	33.48247	8
1747.18	1746.67	1078.67	61.51	46.67	59.72	56.5	85.98916	0	14.01084	5.213605	8.797235	34.65667	8
1747.185	1746.675	1078.675	59.12	24.11	58.73	57.77	82.79748	0	17.20252	17.20252	0	32.9997	8
1747.19	1746.68	1078.68	60.22	51.16	61.47	60.39	62.52938	0	37.47062	7.790779	29.67984	32.31622	8
1747.195	1746.685	1078.685	82.40181	50.78273	80.41674	78.06562	67.28526	0	32.71474	15.98942	16.72532	32.89665	8
1747.2	1746.69	1078.69	84.3529	26.00906	83.71708	82.14871	61.02879	0.086483	38.88473	18.49864	20.38608	35.23484	8
1747.205	1746.695	1078.695	91.12731	32.8198	91.069	90.70454	48.6724	5.579682	45.74791	19.01233	26.73559	33.02123	8
1747.21	1746.7	1078.7	102.5594	40.67563	102.3319	102.2258	37.56428	13.5732	48.86252	18.73818	30.12434	31.55777	8
1747.215	1746.705	1078.705	107.35	88.84201	106.4864	101.6594	26.43122	15.82962	57.73915	25.74269	31.99646	31.72877	8
1747.22	1746.71	1078.71	102.89	61.97298	102.3437	99.68797	34.57771	12.86245	52.55984	31.2712	21.28864	31.81203	8
1747.225	1746.715	1078.715	105.2725	46.207	105.472	106.4236	30.42087	20.46506	49.11407	26.08429	23.02978	30.40947	8
1747.23	1746.72	1078.72	104.4955	42.20631	103.326	100.5255	42.71339	7.830604	49.456	19.08238	30.37362	33.01016	8
1747.235	1746.725	1078.725	99.51786	47.14837	99.38141	99.09335	38.09116	11.95335	49.95549	32.00524	17.95025	31.67704	8
1747.24	1746.73	1078.73	90.79116	39.94972	90.90558	93.36558	45.91755	6.615073	47.46737	23.14662	24.32075	32.03449	8
1747.245	1746.735	1078.735	91.23292	45.25526	90.7182	91.26151	49.10297	4.50207	46.39496	30.54478	15.85018	32.81663	8
1747.25	1746.74	1078.74	91.69086	37.95761	91.59042	94.31675	47.23711	6.062572	46.70032	24.91144	21.78889	32.21221	8
1747.255	1746.745	1078.745	98.9535	29.32008	98.83424	99.29636	42.79156	10.39376	46.81467	14.54018	32.27449	32.15324	8
1747.26	1746.75	1078.75	97.31724	57.07238	95.96479	92.62081	47.13814	3.895643	48.96622	34.14202	14.8242	33.50135	8
1747.265	1746.755	1078.755	102.79	47.19275	102.1074	100.6966	39.30299	10.74626	49.95074	24.1568	25.79394	32.1278	8
1747.27	1746.76	1078.76	100.5246	41.63019	100.6459	100.752	36.50292	14.24839	49.24868	18.15622	31.09247	31.37742	8
1747.275	1746.765	1078.765	63.81	19.92	63.3	62.41	80.42666	0	19.57334	3.652947	15.92039	32.86387	8
1747.28	1746.77	1078.77	64.6	24.73	64	64.14	79.23334	0	20.76666	20.76666	0	32.69676	8
1747.285	1746.775	1078.775	65.78	16.56	65.5	64.04	77.64488	0	22.35512	5.678146	16.67697	32.7948	8
1747.29	1746.78	1078.78	65.33	14.88	65.71	65.84	73.35044	0	26.64956	16.73866	9.910898	32.21882	8
1747.295	1746.785	1078.785	65.19	18.31	65.14	65.14	75.98168	0	24.01832	6.131416	17.8869	32.4054	8
1747.3	1746.79	1078.79	92.70138	71.70321	90.91025	87.99086	51.24379	1.307683	47.44853	21.66497	25.78356	33.66996	8
1747.305	1746.795	1078.795	94.07571	37.5813	93.21061	90.42471	51.06018	3.712255	45.22757	33.3218	11.90576	33.95692	8

1747.31	1746.8	1078.8	97.70328	42.35936	97.16678	99.26809	44.01992	7.786401	48.19368	19.94151	28.25217	32.02709	8
1747.315	1746.805	1078.805	96.25104	42.56857	94.48701	92.48579	54.81871	0.348761	44.83253	13.61584	31.21669	34.67917	8
1747.32	1746.81	1078.81	92.97718	28.86333	92.46982	92.71625	51.4081	4.290915	44.30098	18.35406	25.94692	33.46033	8
1747.325	1746.815	1078.815	91.55261	41.99701	93.01109	95.24937	34.30504	13.45935	52.23561	22.43854	29.79707	30.9163	8
1747.33	1746.82	1078.82	90.23421	43.77291	89.51452	87.96	51.96905	3.110995	44.91995	26.64658	18.27337	33.62951	8
1747.335	1746.825	1078.825	96.93553	40.9168	96.02723	94.98491	47.95681	5.106285	46.9369	17.53052	29.40638	33.22447	8
1747.34	1746.83	1078.83	101.94	38.58002	102.182	103.7855	35.0031	16.38261	48.61429	34.85391	13.76037	30.86861	8
1747.345	1746.835	1078.835	109.02	33.97827	108.7718	109.02	33.40238	20.08056	46.51706	27.46407	19.05299	30.65741	8
1747.35	1746.84	1078.84	107.2033	53.34903	107.3579	110.665	27.26479	23.07286	49.66235	25.50719	24.15516	29.63244	8
1747.355	1746.845	1078.845	95.16246	54.59931	94.19521	92.64761	46.73369	4.851435	48.41488	25.25798	23.1569	32.97393	8
1747.36	1746.85	1078.85	61.51	36.09	60.52	60.09	82.34952	0	17.65048	14.30108	3.3494	33.28978	8
1747.365	1746.855	1078.855	61.73	45.98	60.18	58.02	84.09374	0	15.90626	7.888209	8.018051	34.13242	8
1747.37	1746.86	1078.86	58.11	30.15	57.36	56.2	85.055	0	14.945	3.128942	11.81606	33.53785	8
1747.375	1746.865	1078.865	59.86	28.61	60.01	59.69	76.84268	0	23.15732	22.67166	0.485662	32.28611	8
1747.38	1746.87	1078.87	59.42	35.59	58.13	56.22	86.71832	0	13.28168	4.529919	8.751761	34.2004	8
1747.385	1746.875	1078.875	58.77	37.79	57.18	55.41	89.10892	0	10.89108	10.89108	0	34.70314	8
1747.39	1746.88	1078.88	59.71	35.7	59.62	57.82	77.1249	0	22.8751	11.32104	11.55406	32.77115	8
1747.395	1746.885	1078.885	63.27	26.57	63.32	62.49	74.97416	0	25.02584	13.88873	11.13711	32.48188	8
1747.4	1746.89	1078.89	65.67	22.23	65.87	66.02	72.65394	0	27.34606	7.024491	20.32157	32.34173	8
1747.405	1746.895	1078.895	67.31	19.84	66.84	66.17	76.91602	0	23.08398	20.35257	2.731414	32.75093	8
1747.41	1746.9	1078.9	97.01526	38.61882	95.52539	93.96319	52.94671	1.778466	45.27482	15.91731	29.35751	34.28104	8
1747.415	1746.905	1078.905	96.09627	64.0883	94.99912	92.96572	44.58502	5.238644	50.17633	29.93157	20.24477	32.75693	8
1747.42	1746.91	1078.91	71.72693	35.6744	71.11176	69.7519	70.1456	0	29.8544	22.24644	7.607951	33.19699	8
1747.425	1746.915	1078.915	66.65	40.51	65.94	64.51	74.38108	0	25.61892	9.562512	16.05641	33.03656	8
1747.43	1746.92	1078.92	67.58	47.12	67.45	64.14	67.43086	0	32.56914	13.45978	19.10936	33.47306	8
1747.435	1746.925	1078.925	68.4	16.57	68.33	67.93	73.60456	0	26.39544	20.89067	5.504769	32.64779	8
1747.44	1746.93	1078.93	67.11	22.21	67.6	68.38	69.08648	0	30.91352	16.94587	13.96765	32.36208	8
1747.445	1746.935	1078.935	66.14	25.9	66.75	68.16	68.1559	0	31.8441	16.58347	15.26063	32.17827	8
1747.45	1746.94	1078.94	64.83	17.65	64.85	64.3	75.9301	0	24.0699	20.5745	3.495401	32.45985	8
1747.455	1746.945	1078.945	67.46	11.42	67.16	66.47	77.49816	0	22.50184	18.1359	4.365939	32.68688	8
1747.46	1746.95	1078.95	68.95	13.99	68.18	66.41	79.14792	0	20.85208	13.23387	7.618212	33.06888	8
1747.465	1746.955	1078.955	68.17	18.05	68.08	67.41	73.613	0	26.387	11.26508	15.12192	32.69194	8
1747.47	1746.96	1078.96	66.22	16.04	66.18	65.37	75.50592	0	24.49408	20.37529	4.118792	32.58178	8
1747.475	1746.965	1078.965	67.32	14.34	67.48	67.71	73.35532	0	26.64468	23.25831	3.386366	32.40499	8
1747.48	1746.97	1078.97	67.3	15.36	66.83	65.48	78.00938	0	21.99062	11.76427	10.22635	32.87392	8
1747.485	1746.975	1078.975	66.53	27.38	66.27	64.9	74.18144	0	25.81856	21.29092	4.527641	32.81936	8
1747.49	1746.98	1078.98	66.57	25.84	66.8	65.35	70.71982	0	29.28018	7.787553	21.49263	32.7477	8
1747.495	1746.985	1078.985	65.17	22.95	65.15	63.76	74.6447	0	25.3553	7.515081	17.84022	32.66565	8
1747.5	1746.99	1078.99	64.91	12.71	64.63	64.67	79.37698	0	20.62302	11.31336	9.309656	32.52053	8
1747.505	1746.995	1078.995	66.04	18.56	66.3	66.65	72.73668	0	27.26332	12.47834	14.78498	32.29081	8
1747.51	1747	1079	66.07	32.26	65.1	63.84	78.92618	0	21.07382	6.824239	14.24958	33.12049	8
1747.515	1747.005	1079.005	65.24	15.95	64.49	63.82	81.9318	0	18.0682	13.59547	4.472734	32.97162	8
1747.52	1747.01	1079.01	64.85	13.59	64.43	63.94	80.30422	0	19.69578	19.69578	0	32.71352	8
1747.525	1747.015	1079.015	66.16	13.44	66.34	66.21	74.48532	0	25.51468	15.35558	10.1591	32.37219	8
1747.53	1747.02	1079.02	66.38	16.62	66.31	65.88	75.45086	0	24.54914	19.61369	4.935447	32.53058	8
1747.535	1747.025	1079.025	69.64	21.25	69.07	68.08	75.2062	0	24.7938	21.31399	3.479815	32.89132	8
1747.54	1747.03	1079.03	72.87	40.45	72.76	71.45	64.0232	0	35.9768	25.51725	10.45955	33.73303	8
1747.545	1747.035	1079.035	72.28	61.6	71.57	72.55	64.0977	0	35.9023	19.12342	16.77888	33.22207	8
1747.55	1747.04	1079.04	69.05	39.24	68.31	66.52	72.71292	0	27.28708	14.9451	12.34198	33.14114	8
1747.555	1747.045	1079.045	65.92	17.85	65.61	63.84	77.4364	0	22.5636	11.61919	10.94441	32.86642	8
1747.56	1747.05	1079.05	66.61	30.19	66.6	66.12	71.49032	0	28.50968	17.92945	10.58023	32.63604	8
1747.565	1747.055	1079.055	67.02	46.46	65.57	63.78	78.33578	0	21.66422	17.02284	4.64138	33.41471	8
1747.57	1747.06	1079.06	67.67	27.97	66.58	66.43	79.42236	0	20.57764	6.576309	14.00133	32.91653	8
1747.575	1747.065	1079.065	67.76	24.34	67.59	69.34	73.08802	0	26.91198	17.58755	9.32443	32.26934	8
1747.58	1747.07	1079.07	66.31	20	66.41	67.34	73.3798	0	26.6202	18.02157	8.598632	32.24714	8
1747.585	1747.075	1079.075	67.94	29.65	67.12	66.61	76.6749	0	23.3251	20.7861	2.538996	32.85862	8
1747.59	1747.08	1079.08	67.39	31.82	66.24	63.85	79.21326	0	20.78674	12.30085	8.48589	33.3659	8
1747.595	1747.085	1079.085	67.91	21.83	67.63	67.06	74.40994	0	25.59006	6.800588	18.78947	32.70472	8
1747.6	1747.09	1079.09	69.16	32.84	68.35	68	74.70302	0	25.29698	22.16627	3.130713	32.84008	8
1747.605	1747.095	1079.095	69.61	15.81	69.48	69.71	73.14028	0	26.85972	23.20376	3.655956	32.62395	8
1747.61	1747.1	1079.1	71.08	41.64	71.35	68.48	62.43702	0	37.56298	18.24755	19.31543	34.01015	8
1747.615	1747.105	1079.105	72.53	65.49	71.56	66.16	64.94132	0	35.05868	16.69569	18.36299	34.32483	8
1747.62	1747.11	1079.11	66.49	25.57	66.19	63.73	74.96626	0	25.03374	10.12924	14.9045	33.02025	8
1747.625	1747.115	1079.115	67.18	29.76	66.28	64.96	77.96748	0	22.03252	6.496413	15.53611	33.05417	8
1747.63	1747.12	1079.12	66.87	20.68	66.98	66.61	72.62254	0	27.37746	11.47184	15.90562	32.53284	8
1747.635	1747.125	1079.125	66.65	27	66.83	66.98	70.753	0	29.247	11.06978	18.17722	32.47439	8
1747.64	1747.13	1079.13	66	47.35	65.35	64.08	72.8588	0	27.1412	17.46431	9.676891	33.02817	8
1747.645	1747.135	1079.135	63.85	24.52	63.67	62.73	76.71916	0	23.28084	13.3436	9.937239	32.63155	8
1747.65	1747.14	1079.14	65.64	25.78	65.68	65.04	73.06244	0	26.93756	13.09441	13.84315	32.54943	8
1747.655	1747.145	1079.145	62.35	24.9	61.83	62.58	80.6422	0	19.3578	13.37917	5.978633	32.60834	8
1747.66	1747.15	1079.15	65.05	19.01	65.08	65.71	75.32108	0	24.67892	3.966772	20.71215	32.24867	8
1747.665	1747.155	1079.155	66.65	39.12	66.63	68.85	69.36996	0	30.63004	16.90005	13.72999	32.24824	8
1747.67	1747.16	1079.16	67.47	29.44	67.57	69.67	70.02812	0	29.97188	23.73165	6.240235	32.22513	8

1747.675	1747.165	1079.165	65.76	16.49	65.98	67.14	73.80522	0	26.19478	5.916673	20.27811	32.11197	8
1747.68	1747.17	1079.17	65	19.03	65.3	65.67	73.26974	0	26.73026	11.93444	14.79582	32.19822	8
1747.685	1747.175	1079.175	65.41	27.06	65.37	63.63	73.58428	0	26.41572	13.8921	12.52362	32.77098	8
1747.69	1747.18	1079.18	66.46	24.72	65.56	64.61	79.84956	0	20.15044	5.642368	14.50807	33.02183	8
1747.695	1747.185	1079.185	67.4	28.25	66.77	65.18	76.038	0	23.962	21.96806	1.993936	32.99189	8
1747.7	1747.19	1079.19	74.82	20.93	74.9	74.1	65.48054	0	34.51946	13.05027	21.46919	33.79476	8
1747.705	1747.195	1079.195	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1748.025	1747.515	1079.515	78.82	16.58	78.57	78.52	65.41074	0	34.58926	11.903	22.68626	34.09171	-9999
1748.03	1747.52	1079.52	74.09	21.03	74	74.44	67.44544	0	32.55456	17.23832	15.31624	33.26022	-9999
1748.035	1747.525	1079.525	72.91	23.15	73.14	73.76	65.538	0	34.462	23.19393	11.26807	33.29529	-9999
1748.04	1747.53	1079.53	71.41	26.33	70.78	71.23	72.81344	0	27.18656	9.467654	17.71891	32.73403	-9999
1748.045	1747.535	1079.535	70.09	34.2	69.43	68.93	72.3558	0	27.6442	20.62694	7.017264	32.89966	-9999
1748.05	1747.54	1079.54	70.38	45.93	69.27	69.06	72.73784	0	27.26216	21.96325	5.29891	32.92093	6
1748.055	1747.545	1079.545	72.31	84.72	70.22	68.63	69.17006	0	30.82994	5.408215	25.42172	33.38104	6
1748.06	1747.55	1079.55	77.07	91.96	75.39	75.83	59.86128	0.472663	39.66606	23.18936	16.4767	32.90363	6
1748.065	1747.555	1079.555	78.45	185.23	75.19	73	48.26534	3.690795	48.04386	21.64718	26.39668	29.95831	6
1748.07	1747.56	1079.56	75.59	81.07	73.66	72.96	65.79576	0	34.20424	18.96568	15.23856	33.16661	6
1748.075	1747.565	1079.565	73.09	85.78	71.05	69.94	67.80844	0	32.19156	7.452302	24.73926	33.29668	6
1748.08	1747.57	1079.57	74.28	114.12	72.23	70.12	59.93286	1.038908	39.02823	18.59239	20.43585	32.67485	6
1748.085	1747.575	1079.575	72.62	125.16	69.9	68.14	63.98088	0.647228	35.37189	8.549091	26.8228	32.9541	6
1748.09	1747.58	1079.58	71.76	91.84	69.81	68.76	66.86802	0	33.13198	18.70701	14.42497	33.46824	6
1748.095	1747.585	1079.585	76.05	86.58	74.25	73.29	63.03164	0	36.96836	22.52765	14.44071	33.47004	6
1748.1	1747.59	1079.59	74.16	48.86	72.95	71.61	69.32618	0	30.67382	18.82401	11.84981	33.23466	6
1748.105	1747.595	1079.595	77.04	68.2	75.94	74.83	61.1438	0.034899	38.8213	17.08259	21.73871	33.91596	6
1748.11	1747.6	1079.6	71.8	49.38	71.07	71.12	67.65154	0	32.34846	15.88278	16.46568	33.08766	6
1748.115	1747.605	1079.605	69.87	60.33	68.64	68.15	70.65224	0	29.34776	13.18322	16.16454	33.10133	6
1748.12	1747.61	1079.61	74.99	113.36	72.42	70.09	63.49358	0.132118	36.3743	8.365022	28.00928	33.4516	6
1748.125	1747.615	1079.615	72.93	134.86	69.92	67.64	63.59578	0.862847	35.54137	17.78877	17.7526	32.77621	6
1748.13	1747.62	1079.62	70.52	91.04	69.3	67.47	62.54492	0.445346	37.00973	9.456338	27.5534	33.32407	6
1748.135	1747.625	1079.625	73.76	120.97	70.97	66.74	64.48856	0.264188	35.24725	14.64345	20.60381	33.71345	6
1748.14	1747.63	1079.63	70.81	104.3	68.21	64.59	69.7642	0	30.2358	23.65981	6.575991	34.02011	6
1748.145	1747.635	1079.635	70.23	123.02	67.76	64.39	64.76006	0.817994	34.42195	18.19793	16.22401	33.24091	6
1748.15	1747.64	1079.64	71.31	119.7	69.17	65.31	62.0124	1.099682	36.88792	26.40289	10.48503	32.98382	6
1748.155	1747.645	1079.645	72.78	87.05	72.5	70.78	54.1463	2.032775	43.82093	26.13006	17.69086	32.2168	6
1748.16	1747.65	1079.65	73.58	62.5	72.48	71.92	65.7064	0	34.2936	17.69543	16.59817	33.35846	6
1748.165	1747.655	1079.655	70.59	45.79	69.92	69.37	69.16852	0	30.83148	7.403356	23.42812	33.06987	6
1748.17	1747.66	1079.66	70.68	83.13	69.88	67.86	61.05694	0.55786	38.3852	16.89009	21.49511	33.28873	6
1748.175	1747.665	1079.665	68.73	61.1	68.36	66.7	64.8497	0	35.1503	23.42611	11.72419	33.48234	6
1748.18	1747.67	1079.67	66.69	60.15	65.78	64.65	71.1414	0	28.8586	4.722674	24.13593	33.18073	6
1748.185	1747.675	1079.675	67.8	107.65	65.88	63.86	66.4527	0.39279	33.15451	19.30966	13.84485	33.50653	6
1748.19	1747.68	1079.68	63.14	32.88	62.74	61.57	77.05424	0	22.94576	13.96492	8.980842	32.82203	6
1748.195	1747.685	1079.685	61.24	28.17	61.26	62.44	76.68706	0	23.31294	5.290416	18.02252	32.09967	6
1748.2	1747.69	1079.69	63.29	48.09	62.64	61.92	75.17292	0	24.82708	13.35109	11.47599	32.93198	6
1748.205	1747.695	1079.695	64.37	53.45	63.55	61.62	74.1997	0	25.8003	8.164685	17.63561	33.25176	6
1748.21	1747.7	1079.7	66.33	29.39	66.03	64.27	74.18902	0	25.81098	21.96541	3.845573	32.90046	1
1748.215	1747.705	1079.705	68.32	28.38	68.57	67.8	68.34014	0	31.65986	13.88577	17.77409	32.85859	1
1748.22	1747.71	1079.71	70.13	71.31	70.12	69.33	58.30088	0.864561	40.83456	20.87845	19.95611	32.84353	1
1748.225	1747.715	1079.715	66.21	41.23	66.2	65.09	69.18664	0	30.81336	4.966701	25.84666	32.84885	1
1748.23	1747.72	1079.72	62.16	40.07	62.41	61.27	71.17836	0	28.82164	24.15466	4.666983	32.499	1
1748.235	1747.725	1079.725	68.88	54.59	68.57	69.25	65.82212	0	34.17788	18.58781	15.59007	32.95541	1
1748.24	1747.73	1079.73	68.55	56.99	68.3	67.89	65.07992	0	34.92008	18.13001	16.79007	33.19044	1
1748.245	1747.735	1079.735	69.91	40.41	69.44	70.53	69.54608	0	30.45392	13.15421	17.29971	32.69412	1
1748.25	1747.74	1079.74	70.51	58.21	69.56	68.7	68.40648	0	31.59352	6.534447	25.05907	33.21834	1
1748.255	1747.745	1079.745	68.54	38.7	68.72	71.63	66.1828	0	33.8172	8.533946	25.28325	32.36824	1
1748.26	1747.75	1079.75	67.91	18.13	68.29	68.27	70.19034	0	29.80966	24.24258	5.567083	32.54334	1
1748.265	1747.755	1079.755	72.72	47.46	71.98	71	67.34728	0	32.65272	12.68817	19.96455	33.32315	1
1748.27	1747.76	1079.76	72.07	16.82	72.07	72.89	69.62516	0	30.37484	16.89215	13.48269	32.84647	1
1748.275	1747.765	1079.765	72.35	15.08	72.86	74.06	65.83614	0	34.16386	11.57629	22.58757	33.12419	1
1748.28	1747.77	1079.77	70.51	24.27	70.8	73.47	67.00996	0	32.99004	10.06242	22.92762	32.51007	1
1748.285	1747.775	1079.775	70.65	18.94	70.59	71.89	70.88352	0	29.11648	7.583908	21.53257	32.56909	1
1748.29	1747.78	1079.78	69.53	25.81	69.11	69.82	73.04138	0	26.95862	5.715941	21.24268	32.58801	1
1748.295	1747.785	1079.785	71.06	21.55	70.66	71.92	72.5097	0	27.4903	15.1653	12.325	32.56251	1
1748.3	1747.79	1079.79	69.07	19.94	68.68	67.42	74.65262	0	25.34738	10.51456	14.83282	32.8877	1
1748.305	1747.795	1079.795	72.13	18.19	72.12	72.92	69.31592	0	30.68408	22.57494	8.109138	32.87267	1
1748.31	1747.8	1079.8	70.84	25.57	70.72	71.45	69.56926	0	30.43074	8.287139	22.1436	32.76044	1
1748.315	1747.805	1079.805	69.99	22.8	70.31	71.17	67.6116	0	32.3884	17.10675	15.28165	32.74317	1
1748.32	1747.81	1079.81	71.35	18.61	71.71	73.12	67.06438	0	32.93562	19.21686	13.71876	32.83564	1
1748.325	1747.815	1079.815	71.11	31.39	72.37	73.53	57.21742	0.479104	42.30348	13.86096	28.44252	33.28096	1
1748.33	1747.82	1079.82	69.43	16.64	69.74	70.74	69.69502	0	30.30498	15.12094	15.18404	32.53308	1
1748.335	1747.825	1079.825	68.54	17.04	68.7	69.1	71.57952	0	28.42048	17.78733	10.63315	32.50933	1
1748.34	1747.83	1079.83	69.92	29.82	69.25	69.41	73.64966	0	26.35034	20.54251	5.807831	32.7331	1
1748.345	1747.835	1079.835	67.18	13.92	67.15	66.61	75.05826	0	24.94174	15.65336	9.28838	32.56245	1
1748.35	1747.84	1079.84	68.28	25.47	68.53	68.57	69.08116	0	30.91884	10.36636	20.55248	32.65905	1

1748.355	1747.845	1079.845	67.97	24.96	67.82	68.04	72.58978	0	27.41022	16.24429	11.16593	32.56281	1
1748.36	1747.85	1079.85	66.81	18.05	66.92	66.57	73.3142	0	26.6858	14.23125	12.45455	32.49738	1
1748.365	1747.855	1079.855	67.48	28.34	68.19	69.49	65.55762	0	34.44238	9.186763	25.25562	32.47297	1
1748.37	1747.86	1079.86	67.88	36.96	68.06	68.82	67.21108	0	32.78892	14.92193	17.86699	32.64041	4
1748.375	1747.865	1079.865	65.5	46.31	65.07	64.05	71.86548	0	28.13452	16.53975	11.59477	32.8996	4
1748.38	1747.87	1079.87	66.37	38.22	65.63	64.86	75.42536	0	24.57464	6.655275	17.91937	32.90615	4
1748.385	1747.875	1079.875	69.18	25.54	69.14	67.8	70.48372	0	29.51628	13.92246	15.59382	32.97049	4
1748.39	1747.88	1079.88	66.81	22.61	66.98	66.53	71.74568	0	28.25432	20.33416	7.920157	32.5472	4
1748.395	1747.885	1079.885	63.66	29.66	63.82	63.86	73.01508	0	26.98492	6.092857	20.89206	32.29761	4
1748.4	1747.89	1079.89	61.89	50.6	61.62	60.86	72.9085	0	27.0915	9.085655	18.00585	32.75024	4
1748.405	1747.895	1079.895	63.44	38.82	62.26	60.94	81.38576	0	18.61424	18.61424	0	33.44024	4
1748.41	1747.9	1079.9	66.51	75.02	65.53	62.68	68.25096	0	31.74904	21.51432	10.23472	33.69633	4
1748.415	1747.905	1079.905	64.98	39.77	65.12	62.33	69.50906	0	30.49094	17.03253	13.45841	33.02289	4
1748.42	1747.91	1079.91	66.43	94.39	65.85	61.39	60.53702	1.024065	38.43892	24.5361	13.90282	33.07984	4
1748.425	1747.915	1079.915	66.56	43.44	66.55	65.09	68.32982	0	31.67018	8.946761	22.72342	32.97667	1
1748.43	1747.92	1079.92	67	22.98	66.74	65.98	74.81384	0	25.18616	17.39906	7.787099	32.69373	1
1748.435	1747.925	1079.925	67.84	10.7	67.81	67.33	75.2303	0	24.7697	16.33747	8.432233	32.57713	1
1748.44	1747.93	1079.93	69.08	14.83	68.82	68.62	74.87254	0	25.12746	8.620266	16.50719	32.65396	1
1748.445	1747.935	1079.935	69.6	6.44	69.63	69.35	74.17702	0	25.82298	18.99622	6.826762	32.65252	1
1748.45	1747.94	1079.94	70.99	13.68	71.19	71.33	69.82864	0	30.17136	5.434121	24.73724	32.8516	1
1748.455	1747.945	1079.945	72.1	17.07	72.78	73.06	64.26706	0	35.73294	9.308486	26.42445	33.41151	1
1748.46	1747.95	1079.95	71.72	13.77	72.1	72.65	67.74026	0	32.25974	17.06401	15.19573	32.99459	1
1748.465	1747.955	1079.955	71.19	14.45	71.49	73	68.6833	0	31.3167	15.85828	15.45842	32.68622	1
1748.47	1747.96	1079.96	69.5	21.25	69.97	71.12	67.275	0	32.725	11.62046	21.10454	32.64006	1
1748.475	1747.965	1079.965	69.4	22.79	69.39	69.78	70.71432	0	29.28568	21.69301	7.592666	32.64697	1
1748.48	1747.97	1079.97	65.83	36.42	65.66	65.5	71.94026	0	28.05974	18.13391	9.925829	32.6034	1
1748.485	1747.975	1079.975	62.41	30.85	61.85	64.41	79.4571	0	20.5429	18.67974	1.863159	32.27632	1
1748.49	1747.98	1079.98	64.81	29.57	64.26	64.76	77.48136	0	22.51864	12.45179	10.06685	32.57726	1
1748.495	1747.985	1079.985	66.06	38.61	65.24	64.48	76.23618	0	23.76382	21.91638	1.847444	32.94176	1
1748.5	1747.99	1079.99	66.49	40.94	66.31	67.45	70.31672	0	29.68328	24.28671	5.396573	32.45478	1
1748.505	1747.995	1079.995	68.36	23.35	68.46	69.18	70.6831	0	29.3169	9.285632	20.03127	32.4929	1
1748.51	1748	1080	66.46	31.11	66.09	66.25	74.19568	0	25.80432	5.769957	20.03436	32.5775	1
1748.515	1748.005	1080.005	64.42	33.41	63.74	63.57	77.91838	0	22.08162	19.86393	2.217689	32.79031	1
1748.52	1748.01	1080.01	64.91	46.2	64.2	64.7	74.6049	0	25.3951	19.90769	5.487407	32.70411	1
1748.525	1748.015	1080.015	66.3	34.06	65.94	66.22	73.55148	0	26.44852	9.294405	17.15412	32.56613	1
1748.53	1748.02	1080.02	66.56	25.6	66.23	68.72	75.1271	0	24.8729	13.56899	11.30391	32.11018	1
1748.535	1748.025	1080.025	66.23	36.17	65.75	64.19	74.03526	0	25.96474	15.66585	10.29889	32.95099	1
1748.54	1748.03	1080.03	68.64	45.92	67.46	64.89	74.88356	0	25.11644	15.06456	10.05188	33.36981	1
1748.545	1748.035	1080.035	68.99	27.74	68.8	68.86	71.28862	0	28.71138	10.6407	18.07068	32.69758	1
1748.55	1748.04	1080.04	68.6	21.81	68.53	68.5	72.15248	0	27.84752	6.88748	20.96004	32.62823	1
1748.555	1748.045	1080.045	66.84	30.92	66.44	66.23	74.12456	0	25.87544	23.40477	2.470668	32.66412	1
1748.56	1748.05	1080.05	65.6	29.71	64.84	64.66	78.34818	0	21.65182	7.962225	13.6896	32.80801	1
1748.565	1748.055	1080.055	65.41	37.45	64.6	64.11	77.0374	0	22.9626	5.245845	17.71675	32.89934	1
1748.57	1748.06	1080.06	66.16	26.13	65.77	65.55	75.83184	0	24.16816	6.325403	17.84276	32.62463	1
1748.575	1748.065	1080.065	66.77	39.95	66.04	64.76	74.5612	0	25.4388	17.41057	8.028232	33.00244	1
1748.58	1748.07	1080.07	65.68	29.57	65.33	64.27	75.13096	0	24.86904	15.30874	9.560299	32.76813	1
1748.585	1748.075	1080.075	64	20.83	63.64	63.51	78.86914	0	21.13086	21.13086	0	32.59011	1
1748.59	1748.08	1080.08	63.94	28.04	63.67	63.62	76.48202	0	23.51798	19.58711	3.930867	32.5184	1
1748.595	1748.085	1080.085	63.51	27.88	62.77	62.16	80.55884	0	19.44116	15.69254	3.748619	32.9696	1
1748.6	1748.09	1080.09	65.18	31.51	64.84	64.21	75.04398	0	24.95602	9.08427	15.87175	32.68382	1
1748.605	1748.095	1080.095	64.39	37.26	64.08	61.49	74.14678	0	25.85322	12.43826	13.41496	33.04872	1
1748.61	1748.1	1080.1	64.22	35.8	63.76	63.74	75.819	0	24.181	18.97118	5.209822	32.6383	1
1748.615	1748.105	1080.105	63.07	43.43	62.89	63.8	72.86054	0	27.13946	5.219181	21.92028	32.36065	1
1748.62	1748.11	1080.11	63.27	46.66	63.29	64.23	70.34488	0	29.65512	23.1543	6.500825	32.32473	1
1748.625	1748.115	1080.115	62.85	36	62.79	63.44	73.931	0	26.069	4.532991	21.53601	32.29385	1
1748.63	1748.12	1080.12	64.29	46.45	64.39	64.98	68.8373	0	31.1627	18.3539	12.8088	32.43948	1
1748.635	1748.125	1080.125	64.47	49.64	64.47	64.92	68.67472	0	31.32528	9.844088	21.48119	32.53799	1
1748.64	1748.13	1080.13	64.15	67.22	62.37	59.66	78.50976	0	21.49024	21.03426	0.455977	34.02869	1
1748.645	1748.135	1080.135	61.41	32.5	61.27	60.51	76.7228	0	23.2772	5.633395	17.6438	32.57895	1
1748.65	1748.14	1080.14	63.75	41.62	62.62	60.57	80.03546	0	19.96454	4.139355	15.82518	33.48889	1
1748.655	1748.145	1080.145	65.63	52.06	64.47	63.66	76.01188	0	23.98812	20.95962	3.028503	33.16018	1
1748.66	1748.15	1080.15	63.18	28.94	62.69	62.04	78.66842	0	21.33158	12.39155	8.940031	32.7862	1
1748.665	1748.155	1080.155	63.34	29.16	63.27	63.78	75.21298	0	24.78702	6.058558	18.72846	32.29973	1
1748.67	1748.16	1080.16	64.25	29.51	64.18	64.94	74.29108	0	25.70892	22.21853	3.490386	32.27917	1
1748.675	1748.165	1080.165	66.05	36.61	65.83	65.18	72.07938	0	27.92062	7.963116	19.9575	32.71521	1
1748.68	1748.17	1080.17	70.6	62.07	69.9	69.72	65.45206	0	34.54794	24.17842	10.36952	33.26677	1
1748.685	1748.175	1080.175	65.37	34.74	64.93	64.94	74.86252	0	25.13748	17.38091	7.756567	32.62356	1
1748.69	1748.18	1080.18	61.93	28.74	61.63	60.63	78.39432	0	21.60568	7.10994	14.49574	32.73706	1
1748.695	1748.185	1080.185	59.94	28.14	59.37	58.57	82.46282	0	17.53718	17.53718	0	33.07323	1
1748.7	1748.19	1080.19	60.62	27.71	60.11	59.26	81.47628	0	18.52372	6.206924	12.3168	32.96971	1
1748.705	1748.195	1080.195	59.68	28.8	58.98	58.49	83.5498	0	16.4502	3.458463	12.99174	33.18799	1
1748.71	1748.2	1080.2	59.87	33.67	59.35	59.06	80.80146	0	19.19854	5.757799	13.44074	32.89238	1
1748.715	1748.205	1080.205	62.11	43.18	61.68	60.85	75.74174	0	24.25826	12.15585	12.10241	32.81288	1

1748.72	1748.21	1080.21	61.53	59.88	60.17	59.74	79.44144	0	20.55856	6.670447	13.88811	33.52673	1
1748.725	1748.215	1080.215	60.19	70.4	58.26	55.86	82.5459	0	17.4541	13.27455	4.17955	34.61787	1
1748.73	1748.22	1080.22	60.76	67.42	58.43	55.94	85.84266	0	14.15734	9.326585	4.830755	35.08994	1
1748.735	1748.225	1080.225	58.15	46.66	57.67	55.74	78.93028	0	21.06972	21.06972	0	33.2159	1
1748.74	1748.23	1080.23	60.1	46.11	59.82	59.04	75.71938	0	24.28062	9.567212	14.71341	32.74038	1
1748.745	1748.235	1080.235	59.25	38.24	58.66	57.55	80.80842	0	19.19158	6.402523	12.78906	33.13935	1
1748.75	1748.24	1080.24	61.22	46.93	60.41	59.21	78.59804	0	21.40196	5.419958	15.982	33.21461	1
1748.755	1748.245	1080.245	58.67	34.82	58.21	58.21	81.16216	0	18.83784	11.46375	7.374094	32.8486	1
1748.76	1748.25	1080.25	57.69	27.61	57.61	57.22	80.86358	0	19.13642	19.13642	0	32.58407	1
1748.765	1748.255	1080.255	58.42	44.8	57.88	57.51	79.597	0	20.403	10.54848	9.854523	32.97913	1
1748.77	1748.26	1080.26	56.66	37.38	55.29	53.04	89.44434	0	10.55566	10.55566	0	34.79236	1
1748.775	1748.265	1080.265	54.67	32.74	53.66	53.05	89.60802	0	10.39198	10.39198	0	34.28592	1
1748.78	1748.27	1080.27	52.68	23.63	52.51	52.39	87.13344	0	12.86656	8.992975	3.873585	33.16789	1
1748.785	1748.275	1080.275	56.12	44.32	55.45	55.74	82.83666	0	17.16334	13.55515	3.608188	33.21807	1
1748.79	1748.28	1080.28	56.43	28.53	55.9	56	85.28764	0	14.71236	8.39858	6.31378	33.18662	1
1748.795	1748.285	1080.285	56.23	11.34	56.28	56.21	85.13662	0	14.86338	12.70204	2.161342	32.60161	1
1748.8	1748.29	1080.29	52.94	14.84	52.98	52.57	87.39392	0	12.60608	12.60608	0	32.96815	1
1748.805	1748.295	1080.295	48.5	17.42	48.48	49	91.31936	0	8.68064	8.68064	0	33.49367	1
1748.81	1748.3	1080.3	49.57	18.73	49.74	49.98	88.54544	0	11.45456	8.748889	2.705671	32.97871	1
1748.815	1748.305	1080.305	50.3	16.41	50.42	51.04	88.82278	0	11.17722	3.260954	7.916266	32.94502	1
1748.82	1748.31	1080.31	47.65	20.73	47.4	47	93.08284	0	6.91716	6.91716	0	34.22732	1
1748.825	1748.315	1080.315	45.97	16.75	45.88	45.45	94.3516	0	5.6484	5.6484	0	34.29757	1
1748.83	1748.32	1080.32	47.1	21.21	47.08	46.92	91.69018	0	8.30982	8.30982	0	33.76931	1
1748.835	1748.325	1080.325	48.29	37.28	48.6	48.72	84.14894	0	15.85106	15.85106	0	32.6417	1
1748.84	1748.33	1080.33	46.28	24.09	45.84	44.98	95.00262	0	4.99738	4.99738	0	34.926	1
1748.845	1748.335	1080.335	45.32	20.59	45.46	45.74	92.23782	0	7.76218	6.211091	1.551089	33.66632	1
1748.85	1748.34	1080.34	42.94	30.24	42.01	41.16	100	0	0	0	0	36.61016	1
1748.855	1748.345	1080.345	40.42	13.18	40.15	39.94	100	0	0	0	0	35.44629	1
1748.86	1748.35	1080.35	40.19	9.89	40.28	40.11	99.93432	0	0.06568	0.06568	0	35.28726	1
1748.865	1748.355	1080.355	39.78	15.19	39.93	39.57	98.56392	0	1.43608	1.43608	0	35.0679	1
1748.87	1748.36	1080.36	38.44	21.77	38.39	37.96	99.75436	0	0.24564	0.24564	0	35.71921	1
1748.875	1748.365	1080.365	38.01	19.15	37.94	38.21	100	0	0	0	0	35.48894	1
1748.88	1748.37	1080.37	41.5	25.52	41.54	41.77	95.33416	0	4.66584	4.66584	0	34.5275	1
1748.885	1748.375	1080.375	43.46	29.03	43.32	44.09	94.07654	0	5.92346	5.92346	0	34.35783	1
1748.89	1748.38	1080.38	41.86	23.45	41.7	42.27	97.0539	0	2.9461	2.9461	0	34.95411	1
1748.895	1748.385	1080.385	40.97	27.19	40.85	41.22	96.65762	0	3.34238	3.34238	0	34.97105	1
1748.9	1748.39	1080.39	42.46	28.78	42.62	42.8	92.73204	0	7.26796	7.26796	0	33.96641	1
1748.905	1748.395	1080.395	42.93	27.92	42.39	41.39	97.93276	0	2.06724	2.06724	0	35.83015	1
1748.91	1748.4	1080.4	45.16	21.64	45.02	44.05	94.30092	0	5.69908	5.69908	0	34.53843	1
1748.915	1748.405	1080.405	46.27	27.46	46.74	47.09	87.14378	0	12.85622	12.85622	0	32.68557	1
1748.92	1748.41	1080.41	44.15	33.95	44.37	44.62	89.4611	0	10.5389	3.1002	7.4387	33.40665	1
1748.925	1748.415	1080.415	39.07	34.76	38.21	38.03	100	0	0	0	0	36.40243	1
1748.93	1748.42	1080.42	38.09	35.24	37.49	36.49	100	0	0	0	0	36.54058	1
1748.935	1748.425	1080.425	40.83	53.38	38.63	37.33	100	0	0	0	0	37.53117	1
1748.94	1748.43	1080.43	43.27	49.26	42.1	40.94	97.33818	0	2.66182	2.66182	0	36.70088	1
1748.945	1748.435	1080.435	44.16	33.41	43.8	43.33	94.07758	0	5.92242	5.92242	0	34.84445	1
1748.95	1748.44	1080.44	41.83	36.31	41.11	39.09	98.30938	0	1.69062	1.69062	0	36.47371	1
1748.955	1748.445	1080.445	45.03	27.83	45.32	46.27	89.59004	0	10.40996	6.529206	3.880754	33.10904	1
1748.96	1748.45	1080.45	46.57	24.2	46.41	46.09	92.5392	0	7.4608	7.4608	0	34.12589	1
1748.965	1748.455	1080.455	46.12	42.93	45.66	45.39	90.74554	0	9.25446	9.25446	0	34.41781	1
1748.97	1748.46	1080.46	46.95	22.26	47.16	48.33	89.79158	0	10.20842	10.20842	0	33.04282	1
1748.975	1748.465	1080.465	46.27	20.65	46.43	46.45	91.1943	0	8.8057	8.8057	0	33.5036	1
1748.98	1748.47	1080.47	44.24	34.98	44.39	42.45	89.67154	0	10.32846	10.32846	0	33.92288	1
1748.985	1748.475	1080.475	43.7	38.27	44.29	45.66	85.96216	0	14.03784	14.03784	0	32.45063	1
1748.99	1748.48	1080.48	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1749	1748.49	1080.49	44.09	48.26	43.94	40.66	88.92078	0	11.07922	5.25498	5.82424	34.56913	1
1749.005	1748.495	1080.495	44.45	44.83	44.09	44.04	91.04714	0	8.95286	8.95286	0	34.42761	1
1749.01	1748.5	1080.5	44.69	23.51	44.8	44.92	92.34328	0	7.65672	7.65672	0	33.80436	1
1749.015	1748.505	1080.505	47.09	22.57	47.15	47.16	90.75026	0	9.24974	9.24974	0	33.53793	1
1749.02	1748.51	1080.51	46.34	24.33	46.8	47.74	87.91434	0	12.08566	8.74156	3.3441	32.63659	1
1749.025	1748.515	1080.515	45.73	30.22	45.8	46.27	90.07266	0	9.92734	9.92734	0	33.49523	1
1749.03	1748.52	1080.52	43.81	30.62	43.55	42.66	94.29976	0	5.70024	5.70024	0	34.83294	1
1749.035	1748.525	1080.525	45.13	33.13	44.86	45.04	92.55544	0	7.44456	7.44456	0	34.32967	1
1749.04	1748.53	1080.53	46.05	32.6	46.18	45.92	88.7373	0	11.2627	11.2627	0	33.40922	1
1749.045	1748.535	1080.535	46.77	36.79	47.05	47.66	85.89842	0	14.10158	14.10158	0	32.79072	1
1749.05	1748.54	1080.54	48.57	53.6	48.64	48.86	81.8019	0	18.1981	6.730077	11.46802	32.84121	1
1749.055	1748.545	1080.545	50.59	83.49	49.13	47.27	84.56762	0	15.43238	4.620819	10.81156	35.1922	1
1749.06	1748.55	1080.55	50.31	73.12	48.71	47.61	88.41976	0	11.58024	5.395307	6.184933	35.50661	1
1749.065	1748.555	1080.555	52.55	54.19	51.45	50.27	87.06502	0	12.93498	12.93498	0	34.51967	1
1749.07	1748.56	1080.56	52.35	56.6	51.27	49.98	86.5108	0	13.4892	9.518621	3.970579	34.50066	1
1749.075	1748.565	1080.565	52.76	80.69	51.28	48.55	83.40382	0	16.59618	10.53775	6.058434	35.07311	1
1749.08	1748.57	1080.57	55.79	111.05	54.17	51.04	74.3541	0.318857	25.32704	9.178365	16.14868	34.45196	1
1749.085	1748.575	1080.575	63.05	82.88	62.08	60.11	69.45454	0	30.54546	6.637425	23.90804	33.61018	1

1749.09	1748.58	1080.58	61.04	67.4	60.05	60.15	75.2049	0	24.7951	13.48907	11.30603	33.15527	1
1749.095	1748.585	1080.585	66.97	68.49	67.14	66.66	60.49552	0.318216	39.18626	28.20487	10.9814	33.00813	1
1749.1	1748.59	1080.59	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999

Well B20: SS-corrected CI parameters (5mm resampled)

Core Depth	MDRT	Burial Depth	CIave	CIvar	CImed	CImod	clay_norm	sand_norm	silt_norm	CrS_output	ChS_output	PHI_norm	FaciesID_Variation A
m	m	m	unitless	unitless	unitless	unitless	%	%	%	%	%	%	unitless
1609	1609	1248	113.4588	138.8698	112.2669	113.4234	11.2481	21.41394	67.33796	56.93764	10.40032	29.30487	-9999
1609.005	1609.005	1248.005	109.9777	183.6233	107.7946	105.883	11.30228	11.01178	77.68594	49.56385	28.12208	30.82119	-9999
1609.01	1609.01	1248.01	100.4785	83.32464	99.52267	98.46065	34.80283	9.657219	55.53995	36.1133	19.42665	30.11196	-9999
1609.015	1609.015	1248.015	104.9036	109.8092	104.9508	107.063	16.54908	22.96076	60.49017	35.70397	24.78619	28.61606	-9999
1609.02	1609.02	1248.02	98.95626	106.5787	97.36322	97.81163	35.51421	6.479124	58.00667	30.68281	27.32386	29.84997	-9999
1609.025	1609.025	1248.025	106.9804	133.8012	106.709	109.2107	11.30151	24.09727	64.60122	59.33066	5.270564	28.8182	-9999
1609.03	1609.03	1248.03	107.3108	159.9098	106.06	103.8534	12.26977	16.9857	70.74453	47.77132	22.97321	30.17962	-9999
1609.035	1609.035	1248.035	105.8004	173.3052	104.29	104.9154	12.42961	14.65173	72.91866	55.31216	17.6065	29.75787	-9999
1609.04	1609.04	1248.04	103.4167	143.7712	102.8857	104.4198	14.17929	18.94938	66.87133	39.67607	27.19526	29.11817	-9999
1609.045	1609.045	1248.045	101.4697	159.13	99.64067	98.42525	22.31345	9.413457	68.2731	35.9697	32.3034	29.68277	-9999
1609.05	1609.05	1248.05	100.6555	155.621	98.88546	101.6231	23.45444	9.290005	67.25555	37.2976	29.95795	28.89454	-9999
1609.055	1609.055	1248.055	99.84128	196.0998	96.82041	92.53693	24.10157	4.251133	71.6473	40.42176	31.22554	30.14579	-9999
1609.06	1609.06	1248.06	106.1544	256.8109	105.116	104.0658	0	24.58803	75.41197	75.41197	0	-9999	-9999
1609.065	1609.065	1248.065	122.4623	581.323	119.4297	112.6209	0	27.97258	72.02742	72.02742	0	-9999	-9999
1609.07	1609.07	1248.07	114.0724	783.3407	100.3605	101.5877	0	0	100	100	0	-9999	-9999
1609.075	1609.075	1248.075	120.5389	1153.832	101.7411	122.5331	0	0	100	100	0	-9999	-9999
1609.08	1609.08	1248.08	133.8142	892.7879	138.6051	146.6764	0	100	0	0	0	-9999	-9999
1609.085	1609.085	1248.085	118.6155	538.2683	110.8627	110.2845	0	0	100	100	0	-9999	-9999
1609.09	1609.09	1248.09	113.7184	411.5686	108.1486	98.74385	0	0	100	100	0	-9999	-9999
1609.095	1609.095	1248.095	113.4352	356.2741	108.4083	97.06822	0	0	100	100	0	-9999	-9999
1609.1	1609.1	1248.1	110.8391	280.1345	106.7798	106.768	1.694913	0	98.30509	98.30509	0	-9999	-9999
1609.105	1609.105	1248.105	116.1256	230.7023	115.4884	114.627	0	38.55457	61.44543	61.44543	0	-9999	-9999
1609.11	1609.11	1248.11	115.3586	172.2887	115.2524	106.4848	0	41.09906	58.90094	58.90094	0	-9999	-9999
1609.115	1609.115	1248.115	110.0249	136.9899	109.6945	110.2373	8.186193	27.45139	64.36242	56.04783	8.314589	29.16474	-9999
1609.12	1609.12	1248.12	115.4884	299.6429	112.5737	109.8007	0	11.42377	88.57623	88.57623	0	-9999	-9999
1609.125	1609.125	1248.125	117.341	181.0612	120.1141	120.2085	0	95.53593	4.464072	4.464072	0	-9999	-9999
1609.13	1609.13	1248.13	103.7	105.2419	103.877	102.4609	17.75572	22.34699	59.89729	36.71209	23.1852	29.26378	-9999
1609.135	1609.135	1248.135	108.4083	121.1995	107.5586	108.6089	17.51867	19.1218	63.35953	35.04816	28.31137	29.06774	-9999
1609.14	1609.14	1248.14	111.4763	72.21283	111.3229	112.6799	21.15516	27.16591	51.67893	22.79032	28.88861	28.05122	-9999
1609.145	1609.145	1248.145	107.6766	50.00314	107.1692	108.1014	32.76917	16.94352	50.28732	27.5131	22.77421	29.3093	-9999
1609.15	1609.15	1248.15	108.6443	96.91502	107.8536	108.7033	22.72112	18.30179	58.97709	41.42174	17.55535	29.00842	-9999
1609.155	1609.155	1248.155	116.0548	93.71237	116.9988	119.3471	3.235032	53.42812	43.33685	43.33685	0	-9999	-9999
1609.16	1609.16	1248.16	102.8975	91.31735	102.4609	99.03886	26.61919	15.69239	57.68842	29.73035	27.95808	29.93452	-9999
1609.165	1609.165	1248.165	102.3665	74.84458	101.4697	102.0361	34.66075	10.70802	54.63123	26.25967	28.37156	29.83609	-9999
1609.17	1609.17	1248.17	104.0422	76.5573	103.9242	101.7411	26.66886	18.3485	54.98264	26.69104	28.2916	29.55619	-9999
1609.175	1609.175	1248.175	100.5375	50.79684	99.99468	98.82645	39.41946	10.28103	50.29951	32.07058	18.22893	30.57703	-9999
1609.18	1609.18	1248.18	101.4579	93.51743	100.5139	98.75565	31.34366	11.03161	57.62473	30.59101	27.03372	29.98896	-9999
1609.185	1609.185	1248.185	99.12146	73.98125	98.24824	96.87941	37.67223	8.751625	53.57614	23.94687	29.62927	30.40096	-9999
1609.19	1609.19	1248.19	98.27184	97.6948	96.3012	95.69939	41.22023	3.476069	55.3037	29.40568	25.89802	30.63907	-9999
1609.195	1609.195	1248.195	97.54023	111.1181	94.84977	93.37474	44.22344	0.34749	55.42907	34.46698	20.96209	31.09381	-9999
1609.2	1609.2	1248.2	96.3248	101.2734	94.30696	90.01167	42.51129	3.022612	54.4661	18.3112	36.1549	31.28763	-9999
1609.205	1609.205	1248.205	96.82041	96.98465	96.57261	91.3923	29.37542	12.5604	58.06417	40.44438	17.6198	30.32347	-9999
1609.21	1609.21	1248.21	94.69637	85.19053	92.92633	88.72545	45.98101	2.787532	51.23146	35.05465	16.17681	31.67575	-9999
1609.215	1609.215	1248.215	94.74357	80.21946	94.02376	90.15328	39.00137	7.633294	53.36534	36.77415	16.59119	30.78765	-9999
1609.22	1609.22	1248.22	94.89697	76.97504	93.51635	91.2625	44.7667	4.183434	51.04987	33.6017	17.44817	31.20813	-9999
1609.225	1609.225	1248.225	95.19198	98.98979	92.67853	91.4749	47.9471	0.267455	51.78544	14.71831	37.06714	31.37967	-9999
1609.23	1609.23	1248.23	93.22134	79.8992	91.67551	92.08852	46.88096	3.073927	50.04511	16.25256	33.79255	30.86779	-9999
1609.235	1609.235	1248.235	93.74055	123.5667	91.3097	89.43346	42.69465	2.179036	55.12631	19.70851	35.4178	30.45618	-9999
1609.24	1609.24	1248.24	98.08304	86.79186	97.25702	93.64615	35.16161	9.301438	55.53696	28.67113	26.86582	30.50636	-9999
1609.245	1609.245	1248.245	94.35416	41.56485	94.14176	92.70213	44.78161	7.373535	47.84485	33.457	14.38786	31.2083	-9999
1609.25	1609.25	1248.25	98.55505	68.2861	98.74385	98.50785	31.34089	14.65589	54.00322	30.53109	23.47213	29.54127	-9999
1609.255	1609.255	1248.255	100.6083	120.3222	99.94748	96.2894	23.4437	14.22255	62.33375	39.13848	23.19526	29.94459	-9999
1609.26	1609.26	1248.26	101.7647	132.729	98.99166	94.20076	35.74723	1.469302	62.78347	26.17116	36.61231	31.18582	-9999
1609.265	1609.265	1248.265	103.3223	73.35465	102.5553	95.10938	33.13599	12.27742	54.58659	23.01419	31.5724	31.1552	-9999
1609.27	1609.27	1248.27	112.3377	118.2892	110.2137	106.06	24.48463	8.099311	67.41606	35.12657	32.28949	30.95598	-9999
1609.275	1609.275	1248.275	115.6654	261.6845	111.0633	106.1898	5.926418	0	94.07358	76.39998	17.6736	-9999	-9999
1609.28	1609.28	1248.28	115.748	160.9541	113.2228	109.0927	14.13164	7.140391	78.72797	63.24297	15.48499	31.6133	-9999
1609.285	1609.285	1248.285	117.0106	91.19202	116.8454	113.0457	11.56208	37.917	50.52092	36.29109	14.22983	28.14505	-9999
1609.29	1609.29	1248.29	116.8926	109.3218	114.8394	109.9305	21.91553	10.58058	67.50389	45.29458	22.20931	30.95856	-9999
1609.295	1609.295	1248.295	120.7277	232.0251	116.6566	109.4939	4.331324	0	95.66868	73.54519	22.12349	-9999	-9999
1609.3	1609.3	1248.3	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1610.01	1610.01	1249.01	90.20048	16.3196	90.04707	91.2861	54.25509	3.556534	42.18837	19.85316	22.33521	32.30242	-9999
1610.015	1610.015	1249.015	103.4876	154.0893	102.8739	102.1659	12.25734	19.05601	68.68665	49.56837	19.11829	29.65607	-9999
1610.02	1610.02	1249.02	99.12146	58.19079	98.66125	98.85005	38.29271	10.2901	51.41719	21.17121	30.24598	30.15173	-9999
1610.025	1610.025	1249.025	97.90604	43.34719	96.84401	95.79379	47.6671	4.886951	47.44595	34.41653	13.02942	31.73953	-9999
1610.03	1610.03	1249.03	98.36624	65.32017	97.11542	96.2658	43.38947	5.483302	51.12722	27.06891	24.05831	31.01821	-9999
1610.035	1610.035	1249.035	95.89999	88.71345	94.54297	94.12996	40.82032	5.457456	53.72223	34.01385	19.70838	30.37326	-9999
1610.04	1610.04	1249.04	95.08578	46.42452	94.63737	93.71695	44.76152	6.932952	48.30553	23.49472	24.8108	31.10648	-9999

1610.045	1610.045	1249.045	92.52512	51.04748	93.59895	95.08578	34.20127	13.07715	52.72158	33.58752	19.13405	29.49441	-9999
1610.05	1610.05	1249.05	92.25372	67.53418	92.48972	92.25372	36.95427	9.948494	53.09724	30.444	22.65324	29.91381	-9999
1610.055	1610.055	1249.055	94.01196	96.9011	94.41316	93.36294	26.94957	14.0088	59.04163	34.4228	24.61884	29.42234	-9999
1610.06	1610.06	1249.06	92.79653	53.721	93.33934	94.75537	37.41992	10.87107	51.70901	18.86698	32.84202	29.73966	-9999
1610.065	1610.065	1249.065	92.98533	82.47524	92.07672	88.78445	41.53628	6.056037	52.40768	32.81994	19.58775	30.83411	-9999
1610.07	1610.07	1249.07	91.75811	81.36128	91.67551	88.06463	36.53327	9.111181	54.35555	33.015	21.34054	30.39266	-9999
1610.075	1610.075	1249.075	92.14752	84.64748	92.28912	89.89367	33.64217	10.59435	55.76348	24.37036	31.39312	29.96878	-9999
1610.08	1610.08	1249.08	90.14148	68.35573	89.76387	88.51304	43.45422	6.117532	50.42825	25.5516	24.87665	30.64598	-9999
1610.085	1610.085	1249.085	91.2625	96.77578	90.24768	88.22984	40.48362	5.875226	53.64115	31.84379	21.79736	30.27093	-9999
1610.09	1610.09	1249.09	92.56053	115.7967	91.1091	86.69581	38.07009	5.723701	56.20621	30.31392	25.89229	30.42487	-9999
1610.095	1610.095	1249.095	94.62557	118.2335	94.10636	88.44224	28.35584	11.15181	60.49235	28.43643	32.05593	30.23019	-9999
1610.1	1610.1	1249.1	94.53117	85.14876	94.96778	93.87035	29.04161	13.80967	57.14872	30.85786	26.29087	29.54146	-9999
1610.105	1610.105	1249.105	92.46612	78.13078	93.18594	94.34236	30.44495	13.1228	56.43225	26.94902	29.48323	29.20709	-9999
1610.11	1610.11	1249.11	94.16536	69.05195	94.34236	96.3012	35.28552	11.0906	53.62388	34.82417	18.79971	29.40106	-9999
1610.115	1610.115	1249.115	93.62255	74.14835	92.76113	89.36266	42.59934	5.992422	51.40823	23.43786	27.97038	31.0671	-9999
1610.12	1610.12	1249.12	93.64615	82.85121	93.57535	93.23314	34.34426	10.42036	55.23538	36.83178	18.4036	29.6801	-9999
1610.125	1610.125	1249.125	92.45432	80.95746	92.30092	93.59895	36.53919	9.166736	54.29407	34.49245	19.80163	29.51126	-9999
1610.13	1610.13	1249.13	92.97353	79.96882	92.63133	92.37172	37.764	8.51377	53.72223	29.61484	24.10739	29.9226	-9999
1610.135	1610.135	1249.135	91.2035	60.92	91.64011	92.64313	37.96642	9.712251	52.32133	17.86415	34.45717	29.79602	-9999
1610.14	1610.14	1249.14	91.95871	70.44441	91.84071	93.66975	39.26495	8.330911	52.40413	24.18794	28.2162	29.70214	-9999
1610.145	1610.145	1249.145	94.30696	70.90392	92.92633	92.48972	46.77872	3.570506	49.65078	15.87895	33.77183	31.1463	-9999
1610.15	1610.15	1249.15	96.54901	56.24135	95.59319	94.97958	44.97211	5.682717	49.34517	17.84839	31.49678	31.11573	-9999
1610.155	1610.155	1249.155	96.0888	97.17959	94.12996	91.0973	43.26186	2.996419	53.74172	23.37297	30.36875	31.13903	-9999
1610.16	1610.16	1249.16	96.69061	53.30326	96.372	95.84099	40.61445	9.11824	50.26731	20.76203	29.50528	30.50521	-9999
1610.165	1610.165	1249.165	99.44007	106.6344	97.36322	96.0062	38.80515	3.737335	57.45752	36.99381	20.4637	30.57758	-9999
1610.17	1610.17	1249.17	95.40438	78.70168	93.98835	90.96749	44.15638	4.300823	51.54279	27.81342	23.72938	31.2857	-9999
1610.175	1610.175	1249.175	95.65219	109.8231	93.57535	91.0973	41.51833	3.169328	55.31235	19.51745	35.7949	30.71513	-9999
1610.18	1610.18	1249.18	97.26882	154.1032	95.9826	93.31574	23.18795	10.79422	66.01783	45.00706	21.01077	29.61226	-9999
1610.185	1610.185	1249.185	93.87035	95.41117	92.02951	89.94087	44.81627	2.949269	52.23447	32.21438	20.02008	30.97581	-9999
1610.19	1610.19	1249.19	98.42525	67.39493	97.09182	97.89424	43.47326	5.162606	51.36413	34.90541	16.45872	30.72786	-9999
1610.195	1610.195	1249.195	94.77897	61.17065	95.01498	99.32206	36.17101	11.32097	52.50801	26.54162	25.9664	29.07869	-9999
1610.2	1610.2	1249.2	95.61679	67.08859	95.26278	95.45159	38.54067	9.151511	52.30782	23.70408	28.60373	30.06791	-9999
1610.205	1610.205	1249.205	94.47216	85.4551	93.81135	92.67853	37.52678	8.143493	54.32973	25.97177	28.35796	30.09329	-9999
1610.21	1610.21	1249.21	94.81437	95.82891	94.75537	89.92907	30.03744	12.12979	57.83277	32.71923	25.11354	30.23601	-9999
1610.215	1610.215	1249.215	97.13902	74.88635	97.57563	96.92662	29.12589	15.35402	55.52009	37.67048	17.84961	29.47464	-9999
1610.22	1610.22	1249.22	97.98864	62.27069	97.36322	97.43403	39.6279	8.784142	51.58796	28.26252	23.32544	30.30654	-9999
1610.225	1610.225	1249.225	106.4966	57.32746	106.5792	104.9862	27.50971	21.70545	50.78485	26.31443	24.47042	29.1831	-9999
1610.23	1610.23	1249.23	109.3759	85.19053	109.1045	108.5381	20.86148	23.75093	55.38758	35.80945	19.57814	28.79701	-9999
1610.235	1610.235	1249.235	111.6179	123.1628	110.9689	110.5087	12.53596	24.90459	62.55945	42.43931	20.12014	29.12144	-9999
1610.24	1610.24	1249.24	107.6412	56.86795	107.535	106.296	28.03109	21.31266	50.65625	19.05582	31.60043	29.14307	-9999
1610.245	1610.245	1249.245	108.0542	57.60596	108.4319	108.7505	23.72299	26.85778	49.41922	32.0289	17.39032	28.32215	-9999
1610.25	1610.25	1249.25	105.883	59.95921	105.2576	105.5644	32.92446	14.71683	52.35871	37.56829	14.79042	29.59211	-9999
1610.255	1610.255	1249.255	106.6972	75.58258	105.9066	105.8122	29.67485	15.02884	55.29631	23.55892	31.73739	29.49876	-9999
1610.26	1610.26	1249.26	109.7417	86.77794	109.1871	107.5704	22.33563	21.2622	56.40216	32.41509	23.98707	29.18631	-9999
1610.265	1610.265	1249.265	107.0866	67.42278	105.7886	105.4228	35.2237	10.15464	54.62166	23.9464	30.67525	30.23962	-9999
1610.27	1610.27	1249.27	110.7447	70.30517	110.4969	109.7063	23.02152	24.85957	52.11891	33.03364	19.08527	28.65158	-9999
1610.275	1610.275	1249.275	111.9365	161.0377	109.5883	106.8742	16.2462	8.342974	75.41082	55.37698	20.03385	30.92015	-9999
1610.28	1610.28	1249.28	116.0076	343.3103	112.4439	102.6379	0	5.97839	94.02161	94.02161	0	-9999	-9999
1610.285	1610.285	1249.285	117.99	249.2081	113.6948	110.1665	4.429286	0	95.57071	72.99982	22.57089	-9999	-9999
1610.29	1610.29	1249.29	123.7958	373.5127	116.456	109.3759	0	0	100	100	0	-9999	-9999
1610.295	1610.295	1249.295	131.5957	301.5784	127.2178	128.4569	0	0	100	100	0	-9999	-9999
1610.3	1610.3	1249.3	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1611.005	1611.005	1250.005	119.9017	150.1487	121.4239	123.1704	0	80.25657	19.74343	19.74343	0	-9999	-9999
1611.01	1611.01	1250.01	105.6824	173.3609	107.4524	105.2104	0	44.50803	55.49197	55.49197	0	-9999	-9999
1611.015	1611.015	1250.015	97.69363	141.8078	94.77897	89.71667	38.39298	1.242548	60.36448	24.82533	35.53914	30.93597	-9999
1611.02	1611.02	1250.02	97.44583	182.3144	93.04434	88.85525	40.3413	0	59.6587	27.60276	32.05594	25.96047	-9999
1611.025	1611.025	1250.025	104.0068	403.8822	99.99468	91.72271	0	11.12759	88.87241	88.87241	0	-9999	-9999
1611.03	1611.03	1250.03	107.2872	313.8459	110.8391	98.36624	0	77.36735	22.63265	22.63265	0	-9999	-9999
1611.035	1611.035	1250.035	104.1248	90.80214	104.6086	104.4434	18.48157	24.48282	57.03561	27.31556	29.72005	28.83588	-9999
1611.04	1611.04	1250.04	105.3874	109.6142	105.6942	108.9629	14.13921	25.85997	60.00082	43.55548	16.44534	28.31032	-9999
1611.045	1611.045	1250.045	111.7831	98.34925	112.9631	116.0194	4.213821	46.1999	49.58628	46.52936	3.056925	-9999	-9999
1611.05	1611.05	1250.05	113.1283	171.9128	114.4736	120.4445	0	56.78552	43.21448	43.21448	0	-9999	-9999
1611.055	1611.055	1250.055	109.1399	137.8115	110.4379	112.4085	0	44.32611	55.67389	55.67389	0	-9999	-9999
1611.06	1611.06	1250.06	105.1396	140.9306	106.5674	108.3256	0	37.96122	62.03878	62.03878	0	-9999	-9999
1611.065	1611.065	1250.065	100.7853	104.1001	100.9151	103.1335	21.07933	18.78089	60.13978	43.31067	16.82911	28.69083	-9999
1611.07	1611.07	1250.07	100.7853	88.44888	101.4225	102.8503	20.9345	21.38911	57.67639	29.23097	28.44542	28.72709	-9999
1611.075	1611.075	1250.075	101.4815	122.4945	101.8119	102.2957	14.4327	22.21092	63.35638	49.79759	13.55879	29.09871	-9999
1611.08	1611.08	1250.08	102.1423	90.28693	102.6733	104.4434	20.06429	22.3282	57.60751	34.74086	22.86666	28.60648	-9999
1611.085	1611.085	1250.085	96.2186	131.7125	97.48123	99.84128	9.819104	23.22679	66.9541	56.28408	10.67002	29.16612	-9999
1611.09	1611.09	1250.09	96.3012	93.48958	97.77623	99.47547	17.34693	22.02701	60.62606	37.0323	23.59376	28.88154	-9999
1611.095	1611.095	1250.095	94.25976	111.6054	95.959	95.93539	13.10343	22.18942	64.70715	37.48421	27.22294	29.47312	-9999
1611.1	1611.1	1250.1	93.09154	78.53459	94.36596	96.1478	25.47361	16.46491	58.06148	42.32678	15.7347	28.95116	-9999
1611.105	1611.105	1250.105	93.91755	65.64043	94.71997	94.16536	31.49214	13.90389	54.60397	38.29898	16.30499	29.61807	-9999

1611.11	1611.11	1250.11	95.959	91.20595	96.3012	95.52239	26.99378	14.87139	58.13483	29.02815	29.10668	29.39014	-9999
1611.115	1611.115	1250.115	95.46339	79.41184	96.76141	98.99166	22.89631	19.07371	58.02997	38.89935	19.13062	28.77357	-9999
1611.12	1611.12	1250.12	98.56685	98.53027	100.2779	101.7765	12.21365	26.83261	60.95374	42.48595	18.46779	28.96036	-9999
1611.125	1611.125	1250.125	101.3989	108.5003	103.1453	105.9774	6.921062	32.07456	61.00438	53.67638	7.328002	-9999	-9999
1611.13	1611.13	1250.13	101.4579	109.0155	102.9919	105.5526	8.388234	30.51672	61.09505	46.1195	14.97554	28.7725	-9999
1611.135	1611.135	1250.135	100.2779	124.5553	102.6379	106.5556	0	36.07	63.93	63.93	0	-9999	-9999
1611.14	1611.14	1250.14	96.2894	109.6003	98.01224	99.47547	11.5385	24.61944	63.84206	39.90805	23.93401	29.19106	-9999
1611.145	1611.145	1250.145	95.36898	80.05237	97.28062	97.09182	18.07266	22.60792	59.31942	29.06577	30.25365	29.25946	-9999
1611.15	1611.15	1250.15	99.10966	171.5229	97.90604	94.56657	16.63867	13.28486	70.07647	42.29492	27.78155	29.91667	-9999
1611.155	1611.155	1250.155	96.077	83.32464	97.45763	99.21586	20.74473	20.50884	58.74643	32.77135	25.97508	28.82979	-9999
1611.16	1611.16	1250.16	95.959	88.01722	97.96504	98.36624	14.87074	24.47967	60.6496	50.47212	10.17748	29.21445	-9999
1611.165	1611.165	1250.165	97.82343	126.7693	100.2661	98.73205	0.39373	32.66981	66.93646	66.93646	0	-9999	-9999
1611.17	1611.17	1250.17	97.19802	101.8165	99.03886	98.62585	11.67174	26.03017	62.29809	42.33722	19.96087	29.45351	-9999
1611.175	1611.175	1250.175	97.48123	86.94503	98.10664	98.31904	24.42962	17.64827	57.92211	28.03617	29.88593	29.12041	-9999
1611.18	1611.18	1250.18	101.4107	118.5817	101.5523	101.3163	16.90797	20.47272	62.61931	45.18472	17.4346	29.18506	-9999
1611.185	1611.185	1250.185	99.82947	130.7378	99.56987	98.61405	18.53027	17.03536	64.43437	45.01777	19.4166	29.37815	-9999
1611.19	1611.19	1250.19	100.6201	87.19567	100.6319	102.4137	26.23671	16.64523	57.11806	30.67018	26.44788	28.88055	-9999
1611.195	1611.195	1250.195	101.7411	113.6941	101.9535	101.5759	17.23806	21.01463	61.74731	33.61843	28.12888	29.16949	-9999
1611.2	1611.2	1250.2	100.7617	111.7725	101.3989	105.1396	15.31188	22.93584	61.75228	38.78451	22.96777	28.4232	-9999
1611.205	1611.205	1250.205	100.5139	107.2331	100.3487	103.1099	22.85713	16.66598	60.47689	29.91931	30.55758	28.65726	-9999
1611.21	1611.21	1250.21	99.33386	84.50823	98.69665	95.62859	33.10025	11.08515	55.81459	34.85882	20.95577	30.24806	-9999
1611.215	1611.215	1250.215	97.97684	64.54039	97.97684	97.74083	34.24253	12.72087	53.0366	25.68578	27.35082	29.76419	-9999
1611.22	1611.22	1250.22	98.27184	66.85187	98.13024	98.20104	34.50917	12.23841	53.25241	34.0831	19.16931	29.73958	-9999
1611.225	1611.225	1250.225	99.80587	102.5127	98.80285	98.16564	31.14393	10.25125	58.60481	41.37904	17.22577	29.69908	-9999
1611.23	1611.23	1250.23	102.9801	132.9936	103.6292	106.6736	8.043969	27.20859	64.74745	46.59819	18.14926	28.85829	-9999
1611.235	1611.235	1250.235	101.3871	104.3786	101.9299	103.6882	17.25746	22.46986	60.27269	31.13806	29.13462	28.70624	-9999
1611.24	1611.24	1250.24	100.0183	65.41764	99.80587	99.59347	33.79825	13.09806	53.10369	35.15111	17.95258	29.74309	-9999
1611.245	1611.245	1250.245	97.04462	54.93244	96.52541	95.45159	41.44918	8.315258	50.23556	25.53039	24.70517	30.71377	-9999
1611.25	1611.25	1250.25	96.73781	45.96501	96.80861	96.49001	39.32897	10.89445	49.77658	32.90308	16.87351	30.30616	-9999
1611.255	1611.255	1250.255	100.2425	44.57256	100.6201	102.1659	34.0639	15.96435	49.97175	23.0924	26.87936	29.34259	-9999
1611.26	1611.26	1250.26	102.0715	73.10401	102.1659	105.47	27.67142	17.73183	54.59676	39.73583	14.86093	28.58855	-9999
1611.265	1611.265	1250.265	104.2546	75.19269	105.3166	105.8358	17.6585	28.66552	53.67598	41.84779	11.82819	28.43695	-9999
1611.27	1611.27	1250.27	105.8358	67.50633	107.1456	108.1368	16.14338	33.14377	50.71286	40.01857	10.69429	27.99187	-9999
1611.275	1611.275	1250.275	107.2046	66.26704	108.4673	111.3701	15.54977	35.16026	49.28997	29.68114	19.60883	27.41744	-9999
1611.28	1611.28	1250.28	108.2076	81.83471	110.0367	112.1961	6.469923	44.48461	49.04546	49.04546	0	-9999	-9999
1611.285	1611.285	1250.285	113.7774	72.4774	115.3468	116.7156	5.622197	55.09923	39.27858	39.27858	0	-9999	-9999
1611.29	1611.29	1250.29	115.9604	86.42982	117.636	120.1377	0	64.49688	35.50312	35.50312	0	-9999	-9999
1611.295	1611.295	1250.295	120.8929	114.084	122.6393	125.3062	0	86.50245	13.49755	13.49755	0	-9999	-9999
1611.3	1611.3	1250.3	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1612	1612	1251	111.0043	275.8736	106.7562	102.3665	4.037298	0	95.9627	90.0304	5.932307	-9999	-9999
1612.005	1612.005	1251.005	104.7738	185.8373	104.4552	100.5139	1.104689	24.79794	74.09737	74.09737	0	-9999	-9999
1612.01	1612.01	1251.01	103.1099	256.3792	103.9006	101.5169	0	36.87612	63.12388	63.12388	0	-9999	-9999
1612.015	1612.015	1251.015	101.7057	267.1151	99.98288	90.43648	0	17.50258	82.49742	82.49742	0	-9999	-9999
1612.02	1612.02	1251.02	97.81163	183.7208	94.55477	89.76387	30.79358	2.278899	66.92752	34.29259	32.63493	30.16056	-9999
1612.025	1612.025	1251.025	94.51937	192.8414	90.08247	87.81683	40.76047	0	59.23953	32.43577	26.80376	27.26884	-9999
1612.03	1612.03	1251.03	95.28638	178.8333	91.87611	88.40684	35.48847	1.501885	63.00965	35.31808	27.69156	29.84359	-9999
1612.035	1612.035	1251.035	94.43676	131.1834	91.2979	90.87309	45.69799	0	54.30201	24.94346	29.35854	29.97521	-9999
1612.04	1612.04	1251.04	102.4609	111.8979	100.7617	97.95324	31.82573	7.479887	60.69438	34.20841	26.48597	30.37693	-9999
1612.045	1612.045	1251.045	112.2315	224.1021	107.7238	104.5024	17.44891	0	82.55109	55.02167	27.52942	18.55886	-9999
1612.05	1612.05	1251.05	88.86705	158.3781	87.45102	82.60112	30.88904	7.730457	61.3805	33.17193	28.20857	29.42777	-9999
1612.055	1612.055	1251.055	85.78719	91.69331	84.04075	81.3621	52.42089	1.488101	46.09101	20.11966	25.97135	31.48158	-9999
1612.06	1612.06	1251.06	88.21804	70.90392	87.33302	87.02621	48.53955	3.559882	47.90057	14.9095	32.99107	30.95225	-9999
1612.065	1612.065	1251.065	90.73149	117.036	88.85525	86.90821	42.74516	3.615771	53.63907	36.23314	17.40593	30.21697	-9999
1612.07	1612.07	1251.07	89.76387	78.27002	88.58384	85.86979	47.62108	3.457426	48.92149	21.56149	27.36	31.28567	-9999
1612.075	1612.075	1251.075	89.65767	72.11536	88.71365	87.15601	47.37918	3.918292	48.70253	21.39294	27.30959	31.10068	-9999
1612.08	1612.08	1251.08	90.40108	96.92895	89.23286	87.60442	42.42794	4.963692	52.60837	19.20176	33.40661	30.31348	-9999
1612.085	1612.085	1251.085	89.26826	67.67342	88.64285	88.64285	46.34318	4.702816	48.954	19.5542	29.3998	30.70516	-9999
1612.09	1612.09	1251.09	91.4513	115.755	89.90547	86.3064	39.83229	5.013042	55.15466	21.78424	33.37042	30.31931	-9999
1612.095	1612.095	1251.095	90.34208	156.6236	88.32424	81.14969	34.62065	5.676324	59.70303	40.51891	19.18411	30.11151	-9999
1612.1	1612.1	1251.1	93.70515	183.679	92.10032	81.5627	21.77839	9.946988	68.27462	40.57001	27.70461	30.65989	-9999
1612.105	1612.105	1251.105	90.61349	170.8545	87.15601	82.36512	42.0842	1.329289	56.58651	33.18489	23.40161	30.03659	-9999
1612.11	1612.11	1251.11	87.75783	80.80429	86.389	84.90217	50.31658	2.384932	47.29849	15.43482	31.86367	31.2611	-9999
1612.115	1612.115	1251.115	93.17414	78.42319	91.93511	90.24768	44.90383	4.34669	50.74948	29.51237	21.23711	30.96598	-9999
1612.12	1612.12	1251.12	96.87941	116.7018	95.52239	93.90575	33.14606	7.721556	59.13238	22.87443	36.25795	29.83417	-9999
1612.125	1612.125	1251.125	97.69363	61.8808	96.84401	95.03858	41.73124	7.261914	51.00684	33.5255	17.48135	30.90055	-9999
1612.13	1612.13	1251.13	99.46367	90.25908	100.0773	101.8355	21.89523	19.85229	58.25248	27.61714	30.63534	28.73134	-9999
1612.135	1612.135	1251.135	95.72299	89.29828	95.80559	97.11542	29.6845	13.1033	57.2122	41.33179	15.88041	29.10614	-9999
1612.14	1612.14	1251.14	96.077	137.6305	95.48699	94.47216	22.87518	12.91638	64.20844	39.2027	25.00574	29.26303	-9999
1612.145	1612.145	1251.145	94.61377	108.4028	94.56657	89.11485	27.08766	12.90343	60.00891	27.68404	32.32487	30.18162	-9999
1612.15	1612.15	1251.15	95.62859	118.2196	94.88517	86.389	29.17402	10.53607	60.28991	39.93437	20.35554	30.80752	-9999
1612.155	1612.155	1251.155	96.63161	95.92638	95.14478	90.96749	39.40767	5.526717	55.06561	20.07157	34.99404	30.91655	-9999
1612.16	1612.16	1251.16	92.80833	135.1658	91.84071	89.84647	29.40526	9.270178	61.32456	28.39731	32.92725	29.36812	-9999
1612.165	1612.165	1251.165	95.86459	135.5836	94.15356	91.3569	32.25387	6.791658	60.95447	40.93013	20.02433	29.84762	-9999

1612.17	1612.17	1251.17	97.35142	167.7075	94.46036	92.39532	32.25717	3.118171	64.62466	38.35755	26.26711	29.73452	-9999
1612.175	1612.175	1251.175	97.61103	143.6041	96.2776	95.23918	25.77972	9.963107	64.25717	38.59871	25.65846	29.37382	-9999
1612.18	1612.18	1251.18	98.16564	99.2265	98.64945	97.59923	21.92527	18.26102	59.81371	37.42337	22.39034	29.30597	-9999
1612.185	1612.185	1251.185	98.26004	77.78266	98.53145	100.1009	28.67396	15.55445	55.77158	23.5256	32.24598	29.02013	-9999
1612.19	1612.19	1251.19	96.3602	49.65503	96.0534	95.45159	41.70985	8.71643	49.57372	32.86769	16.70604	30.63882	-9999
1612.195	1612.195	1251.195	96.195	40.93824	96.0298	96.3484	42.87387	8.806257	48.31987	19.41253	28.90735	30.63951	-9999
1612.2	1612.2	1251.2	95.21558	75.54081	94.08276	92.44252	42.90017	5.446834	51.65299	35.47506	16.17793	30.84782	-9999
1612.205	1612.205	1251.205	94.97958	62.53525	94.17716	93.75235	43.70399	6.139471	50.15654	31.1795	18.97704	30.77555	-9999
1612.21	1612.21	1251.21	97.36322	93.93517	97.22162	98.95626	28.79095	13.36808	57.84097	39.41141	18.42957	29.00429	-9999
1612.215	1612.215	1251.215	97.61103	85.42725	97.57563	98.27184	29.79881	13.62032	56.58086	39.11942	17.46144	29.25434	-9999
1612.22	1612.22	1251.22	98.61405	93.68452	98.74385	99.31026	25.59745	16.04559	58.35696	34.58884	23.76812	29.08887	-9999
1612.225	1612.225	1251.225	96.74961	78.70168	96.92662	99.32206	30.57277	13.73226	55.69497	38.03042	17.66455	28.97919	-9999
1612.23	1612.23	1251.23	98.86186	81.29165	98.68485	101.1865	30.74629	13.45793	55.79578	30.12811	25.66767	28.99705	-9999
1612.235	1612.235	1251.235	99.69967	82.14105	98.73205	98.96806	35.89722	9.042296	55.06048	26.49022	28.57027	29.9199	-9999
1612.24	1612.24	1251.24	102.7913	83.43604	102.7087	103.8062	25.88061	17.8046	56.31479	25.23407	31.08072	28.94258	-9999
1612.245	1612.245	1251.245	104.0776	133.9822	104.7266	104.0304	6.795088	28.75489	64.45002	57.01398	7.436034	-9999	-9999
1612.25	1612.25	1251.25	105.7886	119.3475	107.299	110.6975	2.086552	38.5154	59.39805	59.39805	0	-9999	-9999
1612.255	1612.255	1251.255	104.5614	95.13268	104.2546	104.1956	23.15918	18.56082	58.28	31.96459	26.31541	29.1015	-9999
1612.26	1612.26	1251.26	102.8031	118.9994	102.9447	106.7326	15.52584	21.97674	62.49742	51.92875	10.56867	28.41569	-9999
1612.265	1612.265	1251.265	102.9093	123.1768	103.641	107.0158	9.844615	27.12691	63.02847	52.63201	10.39646	28.611	-9999
1612.27	1612.27	1251.27	105.647	165.0758	107.122	108.9865	0	40.98611	59.01389	59.01389	0	-9999	-9999
1612.275	1612.275	1251.275	106.1426	132.4505	106.4494	107.2282	7.918026	28.41971	63.66226	54.08997	9.572294	-9999	-9999
1612.28	1612.28	1251.28	104.4906	84.81457	104.4906	104.4434	23.34355	20.38936	56.26709	36.81874	19.44835	28.97381	-9999
1612.285	1612.285	1251.285	107.9126	119.6817	108.6443	110.3789	6.087382	34.51211	59.40051	45.98003	13.42048	-9999	-9999
1612.29	1612.29	1251.29	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1613.01	1613.01	1252.01	93.00893	142.1699	91.1799	89.78747	34.20171	5.967102	59.83119	40.96307	18.86812	29.39826	-9999
1613.015	1613.015	1252.015	97.45763	101.4127	97.36322	97.44583	26.52873	14.2254	59.24586	44.04805	15.19781	29.20526	-9999
1613.02	1613.02	1252.02	97.69363	172.1216	95.00318	90.51908	29.31945	4.471751	66.2088	29.90355	36.30525	30.05584	-9999
1613.025	1613.025	1252.025	93.16234	102.5545	91.69911	90.31848	40.8125	4.957213	54.23029	29.43337	24.79692	30.24124	-9999
1613.03	1613.03	1252.03	91.1799	92.06927	90.46008	89.44526	39.4123	6.765385	53.82232	31.81629	22.00603	30.00223	-9999
1613.035	1613.035	1252.035	86.4008	81.20811	86.15299	85.94059	42.77939	5.804954	51.41565	20.59353	30.82213	30.04067	-9999
1613.04	1613.04	1252.04	92.19472	70.34694	91.81711	92.67853	41.08336	7.27943	51.63721	26.07657	25.56064	30.04354	-9999
1613.045	1613.045	1252.045	88.05283	141.1395	87.56902	83.41534	28.58517	9.69841	61.71642	27.58397	34.13245	29.4318	-9999
1613.05	1613.05	1252.05	87.27402	103.6267	86.03499	83.79295	44.2327	4.246042	51.52126	25.46955	26.05171	30.30443	-9999
1613.055	1613.055	1252.055	81.7043	90.60719	80.22927	77.75122	54.33659	1.489	44.17441	21.43655	22.73787	31.4174	-9999
1613.06	1613.06	1252.06	83.55694	71.41913	83.04953	82.17631	49.77662	3.278277	46.94511	20.89276	26.05235	30.93228	-9999
1613.065	1613.065	1252.065	91.03829	156.7489	89.38626	83.30914	31.1148	7.247185	61.63802	26.35604	35.28198	29.83825	-9999
1613.07	1613.07	1252.07	92.70213	171.509	89.69307	85.09097	36.5291	2.935129	60.53577	33.96372	26.57205	29.82703	-9999
1613.075	1613.075	1252.075	99.00346	136.6697	99.26306	96.95022	13.83082	20.14501	66.02418	43.05654	22.96764	29.72485	-9999
1613.08	1613.08	1252.08	94.99138	165.229	95.26278	95.82919	10.51913	18.69724	70.78363	59.26759	11.51604	29.3937	-9999
1613.085	1613.085	1252.085	92.51332	166.2872	90.41288	91.3097	30.92466	6.335464	62.73987	27.14071	35.59916	28.58402	-9999
1613.09	1613.09	1252.09	91.2035	158.9768	90.97929	85.69278	19.35797	13.41583	67.22619	43.68383	23.54236	29.82051	-9999
1613.095	1613.095	1252.095	89.68127	208.2002	88.51304	85.40958	16.16252	12.24752	71.58996	39.90529	31.68467	29.05925	-9999
1613.1	1613.1	1252.1	88.01743	120.6843	87.12061	84.41836	36.76871	6.81022	56.42107	25.83848	30.58259	29.63507	-9999
1613.105	1613.105	1252.105	94.55477	188.678	91.97051	86.507	27.37751	5.948285	66.6742	36.08472	30.58948	29.71878	-9999
1613.11	1613.11	1252.11	90.37748	147.3916	90.31848	90.50728	21.64121	12.89221	65.46658	45.51447	19.95211	28.78667	-9999
1613.115	1613.115	1252.115	83.27373	80.27516	82.30611	80.99629	51.46063	2.475994	46.06338	24.96878	21.0946	31.07574	-9999
1613.12	1613.12	1252.12	85.18537	70.47226	85.77539	86.15299	40.00257	7.334168	52.66326	37.06115	15.60211	29.80553	-9999
1613.125	1613.125	1252.125	83.00233	137.9229	83.85195	82.81353	23.67598	11.577	64.74702	40.62572	24.1213	28.82773	-9999
1613.13	1613.13	1252.13	80.78388	72.18498	80.91369	80.80748	47.20409	4.139111	48.6568	16.34707	32.30973	30.33399	-9999
1613.135	1613.135	1252.135	85.65738	110.1155	84.94937	82.54212	40.03436	5.958235	54.0074	25.01033	28.99707	29.78209	-9999
1613.14	1613.14	1252.14	88.59564	198.7872	89.06765	88.71365	6.727431	17.49516	75.77741	57.22991	18.5475	-9999	-9999
1613.145	1613.145	1252.145	88.41864	143.0889	87.67523	84.39476	29.7888	9.019682	61.19151	31.24186	29.94965	29.27089	-9999
1613.15	1613.15	1252.15	85.02017	130.1669	85.07917	83.40354	29.82379	9.538085	60.63812	30.69525	29.94287	28.98036	-9999
1613.155	1613.155	1252.155	98.17744	237.3861	97.97684	94.67277	0	23.31163	76.68837	76.68837	0	-9999	-9999
1613.16	1613.16	1252.16	101.2809	284.9246	102.8975	103.641	0	42.76512	57.23488	57.23488	0	-9999	-9999
1613.165	1613.165	1252.165	88.86705	125.168	88.64285	86.4362	29.68925	9.955653	60.3551	28.87539	31.4797	29.30008	-9999
1613.17	1613.17	1252.17	87.56902	88.26786	88.41864	89.69307	31.49114	10.85888	57.64998	23.60155	34.04843	29.06463	-9999
1613.175	1613.175	1252.175	88.06463	134.3303	89.40986	91.60471	16.04708	16.25556	67.69736	40.83723	26.86013	28.82777	-9999
1613.18	1613.18	1252.18	83.93455	86.95895	85.53938	86.566	29.29869	11.07687	59.62444	31.23069	28.39375	29.06903	-9999
1613.185	1613.185	1252.185	89.59866	130.6543	89.96447	89.45706	23.11589	13.07812	63.806	31.71427	32.09173	29.00418	-9999
1613.19	1613.19	1252.19	87.76963	103.7659	87.26222	79.20265	38.07302	6.975713	54.95126	26.36773	28.58353	30.89738	-9999
1613.195	1613.195	1252.195	85.76359	78.98017	86.4362	86.04679	36.77154	8.50371	54.72475	32.40685	22.3179	29.64815	-9999
1613.2	1613.2	1252.2	95.61679	54.76534	94.80257	94.41316	45.08952	5.874087	49.03639	21.77226	27.26413	31.0205	-9999
1613.205	1613.205	1252.205	95.85279	145.2472	96.58441	91.5575	10.99559	20.64528	68.35913	51.77767	16.58146	30.42597	-9999
1613.21	1613.21	1252.21	97.96504	225.0907	97.77623	87.72243	0	22.39209	77.60791	77.60791	0	-9999	-9999
1613.215	1613.215	1252.215	93.03254	134.0936	94.10636	96.95022	13.63729	19.13581	67.2269	42.86952	24.35739	28.85033	-9999
1613.22	1613.22	1252.22	87.39202	89.89704	87.69883	89.66947	35.46651	8.828785	55.70471	22.72001	32.98469	29.05382	-9999
1613.225	1613.225	1252.225	87.41562	146.0966	87.51002	85.95239	23.49063	11.85596	64.65341	36.76482	27.88859	28.95358	-9999
1613.23	1613.23	1252.23	90.56628	235.381	89.31546	80.45348	9.410722	14.03197	76.55731	68.36295	8.194355	30.5846	-9999
1613.235	1613.235	1252.235	90.25948	153.6437	89.57506	82.68372	25.08371	10.68013	64.23616	37.28016	26.956	29.93842	-9999
1613.24	1613.24	1252.24	89.49246	86.23488	88.46584	85.64558	44.75441	4.496616	50.74898	31.21234	19.53663	30.83106	-9999
1613.245	1613.245	1252.245	89.88187	62.15929	90.22408	91.2625	39.61403	8.530862	51.85511	24.97997	26.87514	29.86601	-9999

1613.25	1613.25	1252.25	92.06492	113.2207	91.4277	90.88489	32.83927	8.94577	58.21496	28.6621	29.55286	29.3415	-9999
1613.255	1613.255	1252.255	94.11816	78.89663	93.66975	94.54297	37.79348	8.567547	53.63897	27.21062	26.42835	29.73874	-9999
1613.26	1613.26	1252.26	92.11212	80.92961	90.49548	86.271	48.20079	2.536592	49.26261	26.65603	22.60658	31.7833	-9999
1613.265	1613.265	1252.265	89.71667	182.398	87.12061	79.48586	33.43977	5.221621	61.33861	27.64885	33.68976	29.77088	-9999
1613.27	1613.27	1252.27	84.91397	120.002	83.09673	78.30583	46.92226	3.050492	50.02724	22.6832	27.34405	30.63052	-9999
1613.275	1613.275	1252.275	84.87857	115.7271	82.84893	77.82202	49.63548	2.139665	48.22486	22.00134	26.22351	31.06147	-9999
1613.28	1613.28	1252.28	85.97599	99.2265	84.08795	80.73668	51.52158	1.590993	46.88743	18.87567	28.01176	31.36371	-9999
1613.285	1613.285	1252.285	89.40986	139.8166	85.84619	81.6453	51.52577	0	48.47423	17.58679	30.88744	29.92571	-9999
1613.29	1613.29	1252.29	95.52239	82.86513	94.22436	91.58111	42.12575	5.223664	52.65059	17.6313	35.01929	30.91236	-9999
1613.295	1613.295	1252.295	89.63407	39.60148	89.22106	87.35662	51.15392	3.797739	45.04834	33.26567	11.78268	32.05044	-9999
1613.3	1613.3	1252.3	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1614.005	1614.005	1253.005	105.6234	224.1856	105.057	110.9571	0	26.07813	73.92187	73.92187	0	-9999	-9999
1614.01	1614.01	1253.01	106.3432	202.4772	104.1366	96.95022	10.26627	10.98702	78.74671	69.39444	9.352274	31.62235	-9999
1614.015	1614.015	1253.015	97.68183	179.7662	93.74055	87.67523	37.17422	0	62.82578	18.32327	44.50252	28.80882	-9999
1614.02	1614.02	1253.02	87.99383	200.9177	83.89915	81.31489	42.1574	1.657173	56.18542	28.75792	27.4275	28.84072	-9999
1614.025	1614.025	1253.025	89.97627	182.3562	86.2592	83.86375	41.89897	1.279295	56.82173	27.1781	29.64363	29.32651	-9999
1614.03	1614.03	1253.03	92.92633	214.9815	88.37144	82.23531	37.78268	0	62.21732	33.52685	28.69047	29.39511	-9999
1614.035	1614.035	1253.035	91.3805	126.9225	89.07945	86.5188	43.04782	2.711474	54.24071	35.41214	18.82857	30.30008	-9999
1614.04	1614.04	1253.04	100.7263	122.2717	99.26306	94.59017	29.0821	9.062022	61.85588	44.22512	17.63076	30.38639	-9999
1614.045	1614.045	1253.045	91.84071	156.0527	90.61349	90.36568	27.25279	9.182032	63.56518	46.2263	17.33887	28.76495	-9999
1614.05	1614.05	1253.05	93.92935	497.0655	90.11788	83.34454	0	21.46677	78.53323	78.53323	0	-9999	-9999
1614.055	1614.055	1253.055	88.14723	327.8819	84.37116	74.57696	8.821724	11.18281	79.99546	67.06242	12.93304	29.39966	-9999
1614.06	1614.06	1253.06	86.94361	407.1684	79.86346	73.25533	16.34825	7.764755	75.887	57.51562	18.37138	26.31678	-9999
1614.065	1614.065	1253.065	82.84893	208.4369	79.74546	76.9134	37.3891	5.443262	57.16764	23.22338	33.94426	27.85383	-9999
1614.07	1614.07	1253.07	86.79021	154.2286	84.25315	83.42714	42.49185	3.378976	54.12917	36.83389	17.29528	29.10737	-9999
1614.075	1614.075	1253.075	91.82891	137.3241	90.82589	96.0298	30.05837	8.873963	61.06767	32.79529	28.27238	27.9616	-9999
1614.08	1614.08	1253.08	99.85308	192.5211	99.46367	97.71723	4.562967	20.36123	75.0758	73.51366	1.562139	-9999	-9999
1614.085	1614.085	1253.085	89.38626	144.4396	89.06765	82.82533	25.27946	11.13336	63.58718	45.1736	18.41359	29.86096	-9999
1614.09	1614.09	1253.09	80.25287	100.3962	78.87224	75.33217	52.57135	2.13672	45.29192	28.44588	16.84604	31.05839	-9999
1614.095	1614.095	1253.095	80.01687	63.37073	78.86044	78.51824	60.01105	0.125874	39.86308	23.85443	16.00864	32.35524	-9999
1614.1	1614.1	1253.1	79.63926	110.6586	80.17027	75.17877	35.83717	7.335821	56.82701	25.14246	31.68455	29.75261	-9999
1614.105	1614.105	1253.105	81.7043	82.68411	81.22049	81.91671	48.57201	3.530192	47.89779	27.13914	20.75865	30.19236	-9999
1614.11	1614.11	1253.11	80.80748	73.93948	80.08767	79.27345	53.34233	2.081504	44.57617	16.02867	28.5475	31.19247	-9999
1614.115	1614.115	1253.115	82.71912	85.23231	80.73668	79.41506	58.6361	0	41.3639	7.521315	33.84258	32.04594	-9999
1614.12	1614.12	1253.12	80.01687	61.95042	79.83986	80.31187	52.76426	2.406252	44.82949	16.28908	28.54042	31.04508	-9999
1614.125	1614.125	1253.125	85.46858	137.0178	84.66616	81.6689	34.42933	7.413379	58.15729	36.30503	21.85226	29.20401	-9999
1614.13	1614.13	1253.13	81.7869	72.65842	80.59508	78.01083	56.40935	1.017429	42.57322	21.35099	21.22224	32.08642	-9999
1614.135	1614.135	1253.135	88.93785	124.249	88.90245	83.94635	28.38328	10.6623	60.95442	44.57416	16.38025	29.80156	-9999
1614.14	1614.14	1253.14	86.05859	181.7574	84.09975	75.92218	32.02181	6.95562	61.02257	24.36443	36.65815	29.48702	-9999
1614.145	1614.145	1253.145	91.69911	204.4127	88.51304	83.50974	30.86095	4.505569	64.63348	35.29313	29.34035	29.18318	-9999
1614.15	1614.15	1253.15	84.89037	91.79078	83.75754	83.02593	48.46687	3.177427	48.3557	27.11535	21.24035	30.49451	-9999
1614.155	1614.155	1253.155	88.27704	103.4178	87.97023	85.04377	36.13577	7.902163	55.96207	30.19665	25.76542	29.85638	-9999
1614.16	1614.16	1253.16	79.80446	105.409	77.42081	76.06379	59.54419	0.13475	40.32106	11.15706	29.164	31.62376	-9999
1614.165	1614.165	1253.165	84.45376	72.11536	83.37994	80.44168	53.17275	1.916591	44.91066	23.69048	21.22019	31.82825	-9999
1614.17	1614.17	1253.17	90.25948	153.8804	88.01743	85.04377	37.09807	4.634707	58.26722	34.40934	23.85788	29.47084	-9999
1614.175	1614.175	1253.175	91.65191	162.1795	91.0855	85.24438	20.8225	12.36865	66.80885	51.84326	14.9656	29.84197	-9999
1614.18	1614.18	1253.18	88.66645	148.1296	88.10003	85.12637	26.9692	10.11383	62.91697	31.65613	31.26085	29.15978	-9999
1614.185	1614.185	1253.185	87.94663	188.7754	86.2356	83.50974	26.66597	8.53833	64.7957	36.64481	28.1509	28.56212	-9999
1614.19	1614.19	1253.19	87.51002	213.5612	86.6486	84.11155	14.48496	13.03606	72.47898	49.00269	23.47628	28.89344	-9999
1614.195	1614.195	1253.195	88.98505	229.3795	88.35964	84.33576	7.470867	15.50359	77.02554	73.64954	3.375999	-9999	-9999
1614.2	1614.2	1253.2	85.84619	156.2198	85.64558	83.46254	24.771	10.79728	64.43171	39.49185	24.93986	28.82008	-9999
1614.205	1614.205	1253.205	87.93483	199.2328	87.38022	82.74272	15.18386	13.31456	71.50158	55.86964	15.63194	29.41869	-9999
1614.21	1614.21	1253.21	94.79077	350.8853	90.47188	78.76604	1.349636	9.245783	89.40458	89.40458	0	-9999	-9999
1614.215	1614.215	1253.215	92.41892	191.2819	90.28308	85.24438	25.23717	7.859466	66.90336	48.79612	18.10724	29.38276	-9999
1614.22	1614.22	1253.22	93.56355	250.1549	91.4513	83.58054	9.753928	12.11182	78.13425	63.95137	14.18288	30.46629	-9999
1614.225	1614.225	1253.225	92.82013	193.2452	91.2625	86.3654	19.91179	10.56001	69.5282	50.03368	19.49452	29.52079	-9999
1614.23	1614.23	1253.23	94.71997	291.2464	92.52512	88.71365	0	14.68952	85.31048	85.31048	0	-9999	-9999
1614.235	1614.235	1253.235	97.15082	286.4702	93.76415	86.566	7.54214	8.633975	83.82389	77.8525	5.971385	-9999	-9999
1614.24	1614.24	1253.24	95.01498	167.3037	93.49274	93.05614	23.89601	9.622785	66.4812	45.45605	21.02515	28.95044	-9999
1614.245	1614.245	1253.245	96.2068	132.91	94.94417	94.48397	29.11086	9.054451	61.83469	44.60381	17.23087	29.28481	-9999
1614.25	1614.25	1253.25	99.81767	157.9743	98.08304	94.54297	23.38139	9.389388	67.22922	36.57751	30.65171	29.93644	-9999
1614.255	1614.255	1253.255	106.7444	216.4018	103.2869	100.3723	16.22131	1.671177	82.10752	60.42498	21.68254	31.02731	-9999
1614.26	1614.26	1253.26	111.4291	172.79	110.2845	109.4703	4.540863	22.30671	73.15243	70.82696	2.325461	-9999	-9999
1614.265	1614.265	1253.265	110.1075	264.9011	108.6207	104.1484	0	23.71387	76.28613	76.28613	0	-9999	-9999
1614.27	1614.27	1253.27	102.7323	174.6281	100.5257	97.44583	20.32776	8.228457	71.44378	40.46909	30.9747	30.14648	-9999
1614.275	1614.275	1253.275	106.7916	111.7586	105.5998	105.5526	23.94277	13.90282	62.15441	40.02921	22.1252	29.44998	-9999
1614.28	1614.28	1253.28	113.447	102.3456	113.0339	113.7066	14.06198	28.92109	57.01693	36.95059	20.06633	28.27357	-9999
1614.285	1614.285	1253.285	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1615.005	1615.005	1254.005	116.7274	238.7646	115.9368	112.1017	0	37.71794	62.28206	62.28206	0	-9999	-9999
1615.01	1615.01	1254.01	113.3998	440.2254	118.1081	123.9728	0	100	0	0	0	-9999	-9999
1615.015	1615.015	1254.015	105.2222	192.73	104.644	97.77623	1.03607	23.47719	75.48675	75.48675	0	-9999	-9999
1615.02	1615.02	1254.02	108.4201	175.9648	107.7474	108.8449	2.882823	24.59804	72.51914	71.63146	0.88768	-9999	-9999
1615.025	1615.025	1254.025	105.3048	152.864	104.5378	101.8591	12.07089	19.24128	68.68783	60.74715	7.940678	30.01479	-9999

1615.03	1615.03	1254.03	103.4403	198.2163	103.5702	100.3369	0	27.93817	72.06183	72.06183	0	-9999	-9999
1615.035	1615.035	1254.035	112.1017	339.119	113.4706	121.8487	0	65.72607	34.27393	34.27393	0	-9999	-9999
1615.04	1615.04	1254.04	112.6209	143.075	111.2403	110.9099	12.46446	18.60875	68.92679	55.16116	13.76563	29.70901	-9999
1615.045	1615.045	1254.045	114.745	286.15	113.1519	111.0633	0	27.35796	72.64204	72.64204	0	-9999	-9999
1615.05	1615.05	1254.05	112.7389	328.606	110.6031	98.50785	0	22.32349	77.67651	77.67651	0	-9999	-9999
1615.055	1615.055	1254.055	110.9099	278.0876	107.6648	100.3841	0	6.803517	93.19648	93.19648	0	-9999	-9999
1615.06	1615.06	1254.06	114.804	282.6827	111.9483	107.653	0	11.03534	88.96466	88.96466	0	-9999	-9999
1615.065	1615.065	1254.065	113.0457	265.8897	110.0721	110.0249	0	8.571615	91.42838	91.42838	0	-9999	-9999
1615.07	1615.07	1254.07	110.9453	171.7874	109.0573	107.0394	10.99006	13.67845	75.3315	53.15185	22.17965	30.61517	-9999
1615.075	1615.075	1254.075	111.7949	88.44888	111.4409	111.2167	18.4876	26.3147	55.1977	30.1383	25.0594	28.47603	-9999
1615.08	1615.08	1254.08	111.1223	67.08859	110.7683	110.3081	24.2756	23.93549	51.78891	20.60652	31.18239	28.61797	-9999
1615.085	1615.085	1254.085	109.5529	93.80984	108.8095	106.8388	22.27084	19.50951	58.21965	35.04176	23.17789	29.37675	-9999
1615.09	1615.09	1254.09	111.1341	120.183	110.5087	109.7771	13.51929	24.38745	62.09326	47.39763	14.69563	29.10453	-9999
1615.095	1615.095	1254.095	110.2609	216.0258	108.6089	103.2987	0	18.78335	81.21665	81.21665	0	-9999	-9999
1615.1	1615.1	1254.1	111.6415	433.7504	107.9244	98.77925	0	12.32736	87.67264	87.67264	0	-9999	-9999
1615.105	1615.105	1254.105	115.2406	390.5564	111.2521	106.0364	0	4.379703	95.6203	95.6203	0	-9999	-9999
1615.11	1615.11	1254.11	109.3759	70.59758	108.2548	105.588	30.97751	13.83249	55.18999	23.55929	31.63071	30.12063	-9999
1615.115	1615.115	1254.115	107.7238	73.2711	107.1928	106.001	27.2778	18.33458	54.38763	33.55754	20.83009	29.33259	-9999
1615.12	1615.12	1254.12	111.4055	99.99235	110.4733	108.1958	20.53348	19.80067	59.66585	34.99551	24.67034	29.44704	-9999
1615.125	1615.125	1254.125	113.1637	104.7406	112.9513	110.2373	12.18825	31.25903	56.55272	45.94716	10.60556	28.80582	-9999
1615.13	1615.13	1254.13	109.3287	77.14213	109.9659	107.594	15.81083	33.10606	51.08312	38.62922	12.4539	28.42254	-9999
1615.135	1615.135	1254.135	112.5265	87.23745	113.2818	116.0076	9.511205	41.56891	48.91988	38.47775	10.44214	26.96448	-9999
1615.14	1615.14	1254.14	113.9544	148.6587	115.276	116.692	0	57.11302	42.88698	42.88698	0	-9999	-9999
1615.145	1615.145	1254.145	117.2348	147.2663	118.6037	122.3679	0	67.65046	32.34954	32.34954	0	-9999	-9999
1615.15	1615.15	1254.15	116.6212	108.1104	116.6802	114.214	6.088506	41.78938	52.12212	48.16166	3.960455	-9999	-9999
1615.155	1615.155	1254.155	117.1286	110.8535	116.9752	116.3498	6.603982	39.66723	53.72879	52.31275	1.41604	-9999	-9999
1615.16	1615.16	1254.16	115.0872	117.5791	114.7332	113.6594	8.409203	33.35286	58.23794	57.43709	0.80085	28.59049	-9999
1615.165	1615.165	1254.165	113.8364	177.9003	113.0221	106.1662	0	29.31704	70.68296	70.68296	0	-9999	-9999
1615.17	1615.17	1254.17	114.0724	116.2284	113.6712	113.506	10.03551	30.97072	58.99377	41.88496	17.10881	28.55061	-9999
1615.175	1615.175	1254.175	118.2615	103.8077	118.1435	118.8751	6.992521	42.13032	50.87716	50.87716	0	-9999	-9999
1615.18	1615.18	1254.18	114.6742	171.9545	115.04	115.63	0	46.55675	53.44325	53.44325	0	-9999	-9999
1615.185	1615.185	1254.185	114.2376	190.2932	113.5532	110.0249	0	32.40205	67.59795	67.59795	0	-9999	-9999
1615.19	1615.19	1254.19	114.5798	175.2407	113.7538	111.0987	0	29.93603	70.06397	70.06397	0	-9999	-9999
1615.195	1615.195	1254.195	113.5414	114.6967	112.7979	112.3967	13.54682	25.59321	60.85998	40.53279	20.32719	28.87091	-9999
1615.2	1615.2	1254.2	116.6448	77.26745	115.3232	115.5356	24.23065	18.80799	56.96136	37.11176	19.8496	28.94869	-9999
1615.205	1615.205	1254.205	127.737	119.1804	126.0968	124.7752	6.352066	29.57624	64.07169	57.88601	6.185677	-9999	-9999
1615.21	1615.21	1254.21	129.6487	217.5297	126.2974	121.5773	0	0	100	100	0	-9999	-9999
1615.215	1615.215	1254.215	128.1619	173.8901	126.1558	123.0996	0	24.60314	75.39686	75.39686	0	-9999	-9999
1615.22	1615.22	1254.22	128.2209	268.5632	127.796	126.9346	0	72.62804	27.37196	27.37196	0	-9999	-9999
1615.225	1615.225	1254.225	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1615.23	1615.23	1254.23	128.5041	231.7884	127.6662	123.9374	0	59.69999	40.30001	40.30001	0	-9999	-9999
1615.235	1615.235	1254.235	124.787	450.9194	124.5392	120.5389	0	79.17148	20.82852	20.82852	0	-9999	-9999
1615.24	1615.24	1254.24	120.7985	304.4469	124.8106	125.377	0	100	0	0	0	-9999	-9999
1615.245	1615.245	1254.245	124.3622	201.8088	126.1086	126.7812	0	100	0	0	0	-9999	-9999
1615.25	1615.25	1254.25	119.0875	174.7395	120.1613	121.0935	0	70.33478	29.66522	29.66522	0	-9999	-9999
1615.255	1615.255	1254.255	118.5919	193.0503	118.8043	121.8369	0	54.58838	45.41162	45.41162	0	-9999	-9999
1615.26	1615.26	1254.26	123.725	209.7458	123.0052	123.076	0	49.67989	50.32011	50.32011	0	-9999	-9999
1615.265	1615.265	1254.265	119.4415	222.6539	118.0726	116.5268	0	31.06752	68.93248	68.93248	0	-9999	-9999
1615.27	1615.27	1254.27	124.8578	203.3684	121.7897	120.5035	0	1.327453	98.67255	98.67255	0	-9999	-9999
1615.275	1615.275	1254.275	150.8773	342.2242	149.1781	137.5431	0	100	0	0	0	-9999	-9999
1615.28	1615.28	1254.28	129.2121	196.8935	128.0675	126.0732	0	50.65072	49.34928	49.34928	0	-9999	-9999
1615.285	1615.285	1254.285	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1616.01	1616.01	1255.01	89.05585	188.678	85.90519	83.84015	36.8262	3.722543	59.45126	38.41819	21.03307	28.69865	-9999
1616.015	1616.015	1255.015	84.41836	141.4458	84.13515	82.95513	30.30007	8.976348	60.72358	28.66924	32.05435	28.66908	-9999
1616.02	1616.02	1255.02	78.82504	61.78333	77.90462	78.71884	59.66264	0.325578	40.01178	10.12215	29.88963	32.008	-9999
1616.025	1616.025	1255.025	78.37663	89.6464	76.701	74.83656	59.18524	0.478712	40.33605	26.39309	13.94297	31.82959	-9999
1616.03	1616.03	1255.03	75.30857	71.60015	73.99874	71.9455	63.54004	0	36.45996	17.47022	18.98975	32.25333	-9999
1616.035	1616.035	1255.035	72.26411	64.22013	71.22569	68.31103	66.02351	0	33.97649	20.63603	13.34046	32.23886	-9999
1616.04	1616.04	1255.04	72.51191	88.39319	70.21087	66.9894	69.73101	0	30.26899	14.22275	16.04625	32.12052	-9999
1616.045	1616.045	1255.045	74.12855	134.7481	71.40269	67.81542	60.31808	1.30046	38.38146	28.34544	10.03602	31.00076	-9999
1616.05	1616.05	1255.05	72.74792	84.73102	70.74188	67.47321	68.11383	0	31.88617	21.45253	10.43364	32.17305	-9999
1616.055	1616.055	1255.055	73.23173	48.47144	72.59452	70.88348	65.83512	0	34.16488	11.0714	23.09348	32.07145	-9999
1616.06	1616.06	1255.06	75.65078	110.5193	73.91614	71.42629	57.09903	1.469089	41.43188	28.17603	13.25584	30.94091	-9999
1616.065	1616.065	1255.065	81.5981	105.3255	79.65106	74.48255	54.53055	1.28837	44.18108	20.26214	23.91894	31.63987	-9999
1616.07	1616.07	1255.07	86.79021	202.4215	84.41836	81.5627	29.54883	7.146234	63.30493	35.51515	27.78978	28.23741	-9999
1616.075	1616.075	1255.075	81.6689	150.7335	80.20567	80.07587	39.72714	5.571429	54.70143	33.89822	20.80322	28.38061	-9999
1616.08	1616.08	1255.08	80.68948	96.97072	79.22625	75.39117	53.6388	1.780099	44.58111	25.44271	19.1384	31.3429	-9999
1616.085	1616.085	1255.085	83.47434	103.0975	81.96391	79.41506	49.95985	2.546267	47.49389	22.50801	24.98588	30.71227	-9999
1616.09	1616.09	1255.09	80.20567	60.58581	80.22927	80.53608	51.36611	2.87916	45.75473	24.82084	20.93389	30.90291	-9999
1616.095	1616.095	1255.095	76.524	48.0537	77.12581	78.37663	53.30488	2.128771	44.56635	21.30052	23.26582	31.05357	-9999
1616.1	1616.1	1255.1	77.95183	60.19593	78.54184	78.09343	49.14431	3.430382	47.42531	22.14777	25.27754	30.67505	-9999
1616.105	1616.105	1255.105	82.22351	101.8861	81.4801	79.09645	45.4594	4.277663	50.26294	28.76362	21.49931	30.11604	-9999
1616.11	1616.11	1255.11	81.32669	95.00736	80.78388	79.96967	46.39445	4.096747	49.50881	18.16132	31.34749	29.98219	-9999

1616.115	1616.115	1255.115	83.27373	64.69356	83.62774	83.02593	44.98877	5.266655	49.74458	34.23726	15.50732	30.40437	-9999
1616.12	1616.12	1255.12	84.21775	64.66571	83.96995	82.74272	48.79105	3.827652	47.3813	24.81746	22.56383	30.98621	-9999
1616.125	1616.125	1255.125	85.14997	110.8953	83.99355	81.89311	43.78765	4.459807	51.75255	17.09247	34.66008	29.95466	-9999
1616.13	1616.13	1255.13	83.37994	90.84391	82.86073	81.14969	45.33011	4.498423	50.17146	21.35929	28.81217	30.23242	-9999
1616.135	1616.135	1255.135	82.91973	68.63422	81.99931	79.13185	54.23762	1.73207	44.03031	14.49992	29.5304	31.91714	-9999
1616.14	1616.14	1255.14	85.27978	115.5461	83.69854	81.00809	45.835	3.511581	50.65342	30.679	19.97442	30.20139	-9999
1616.145	1616.145	1255.145	87.45102	126.0592	88.20624	86.75481	23.18583	12.97647	63.83771	46.11177	17.72594	29.1568	-9999
1616.15	1616.15	1255.15	86.70761	128.9415	86.12939	85.31518	33.50629	8.021324	58.47238	32.24144	26.23094	28.94227	-9999
1616.155	1616.155	1255.155	85.04377	98.08469	84.87857	85.86979	39.30356	6.661747	54.03469	26.8335	27.20119	29.22223	-9999
1616.16	1616.16	1255.16	84.31216	118.3171	83.43894	81.29129	40.56752	5.593648	53.83883	21.4858	32.35304	29.53744	-9999
1616.165	1616.165	1255.165	84.45376	118.9715	82.94333	81.12609	45.21727	3.797803	50.98493	24.83358	26.15135	29.85875	-9999
1616.17	1616.17	1255.17	88.01743	307.4546	84.18235	80.94909	14.34182	9.640526	76.01765	54.50833	21.50932	27.74815	-9999
1616.175	1616.175	1255.175	89.89367	164.9644	88.76085	86.2238	26.15582	9.53259	64.31159	46.1047	18.20689	28.95318	-9999
1616.18	1616.18	1255.18	92.32452	155.7881	91.0855	88.51304	26.96316	9.275475	63.76136	32.0712	31.69016	29.20972	-9999
1616.185	1616.185	1255.185	91.88791	140.0533	88.33604	83.39174	49.09723	0	50.90277	25.63851	25.26426	29.65144	-9999
1616.19	1616.19	1255.19	91.4041	111.87	89.52786	87.38022	43.37653	3.394156	53.22931	17.88255	35.34677	30.39827	-9999
1616.195	1616.195	1255.195	95.08578	139.8584	94.89697	95.15658	20.13858	14.6011	65.26032	40.60694	24.65338	28.98306	-9999
1616.2	1616.2	1255.2	91.2035	113.6106	91.60471	90.89669	25.48966	13.11024	61.40011	35.24318	26.15692	29.15786	-9999
1616.205	1616.205	1255.205	91.1209	100.0898	89.55146	87.28582	44.11014	3.775046	52.11482	28.56878	23.54603	30.59742	-9999
1616.21	1616.21	1255.21	88.39504	79.0498	87.59262	85.90519	45.76524	4.471908	49.76285	33.47804	16.28481	30.72986	-9999
1616.215	1616.215	1255.215	86.04679	58.706	85.17357	84.68976	53.39754	2.077938	44.52452	32.26796	12.25656	31.69811	-9999
1616.22	1616.22	1255.22	88.60744	46.64732	87.72243	86.2238	54.05139	2.055743	43.89287	28.39491	15.49795	32.31139	-9999
1616.225	1616.225	1255.225	95.9944	131.0998	93.28034	89.64587	40.99292	1.518297	57.48878	20.70806	36.78072	30.73617	-9999
1616.23	1616.23	1255.23	92.73753	111.8143	91.66371	87.95843	35.94453	7.187026	56.86844	22.0839	34.78454	30.12605	-9999
1616.235	1616.235	1255.235	93.97655	130.5986	92.07672	90.31848	36.66047	5.077571	58.26196	25.9907	32.27126	29.77321	-9999
1616.24	1616.24	1255.24	95.01498	155.7324	92.76113	87.69883	32.36629	5.307081	62.32663	41.82161	20.50502	30.04529	-9999
1616.245	1616.245	1255.245	88.32424	59.51362	87.59262	84.54816	50.00942	3.386901	46.60368	15.50272	31.10096	31.77412	-9999
1616.25	1616.25	1255.25	88.34784	90.10591	88.44224	81.14969	36.18274	8.553462	55.2638	27.2359	28.0279	30.80222	-9999
1616.255	1616.255	1255.255	93.09154	194.7073	93.44554	84.86677	4.493064	19.68303	75.8239	69.20683	6.617071	-9999	-9999
1616.26	1616.26	1255.26	89.85827	179.3067	87.98203	82.40052	28.47901	7.660296	63.86069	34.44724	29.41345	29.33677	-9999
1616.265	1616.265	1255.265	92.73753	114.3904	89.95267	86.97901	48.58165	0	51.41835	28.23837	23.17998	31.32774	-9999
1616.27	1616.27	1255.27	99.20406	174.2103	98.38985	92.98533	12.88354	15.93604	71.18042	46.39071	24.7897	30.40872	-9999
1616.275	1616.275	1255.275	100.9505	187.3969	100.8443	88.32424	2.59856	22.88031	74.52113	74.52113	0	-9999	-9999
1616.28	1616.28	1255.28	101.8827	158.6287	102.9211	98.01224	0	30.57857	69.42143	69.42143	0	-9999	-9999
1616.285	1616.285	1255.285	103.2869	183.6094	105.8358	102.8857	0	47.56019	52.43981	52.43981	0	-9999	-9999
1616.29	1616.29	1255.29	97.49303	202.2405	95.09758	89.61046	19.92895	8.057469	72.01358	53.47999	18.53359	30.00342	-9999
1616.295	1616.295	1255.295	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1617.005	1617.005	1256.005	89.66947	185.6842	88.25344	83.53334	23.54275	9.779936	66.67732	36.60578	30.07154	29.15869	-9999
1617.01	1617.01	1256.01	90.17688	162.5137	89.46886	81.33849	23.19607	11.1496	65.65433	50.05734	15.59699	30.08208	-9999
1617.015	1617.015	1256.015	87.27402	89.14511	86.4244	86.07039	44.71932	4.601072	50.67961	30.19268	20.48692	30.16498	-9999
1617.02	1617.02	1256.02	87.34482	110.0877	85.94059	84.85497	43.88432	4.141279	51.9744	17.20396	34.77044	29.93863	-9999
1617.025	1617.025	1256.025	91.68731	132.1581	90.70789	87.84043	31.25592	8.572571	60.17151	26.93157	33.23994	29.49597	-9999
1617.03	1617.03	1256.03	88.59564	112.2878	88.92605	88.61924	28.75772	11.1	60.14229	44.22127	15.92102	29.03779	-9999
1617.035	1617.035	1256.035	83.68674	78.24217	83.37994	81.00809	46.45134	4.373188	49.17547	34.50103	14.67444	30.67948	-9999
1617.04	1617.04	1256.04	90.92029	182.2587	89.66947	80.71308	21.94062	10.55593	67.50345	34.1863	33.31715	30.1228	-9999
1617.045	1617.045	1256.045	87.09701	126.6997	85.46858	83.50974	41.82978	4.461876	53.70834	30.50822	23.20012	29.66429	-9999
1617.05	1617.05	1256.05	84.31216	193.2731	80.98449	78.78964	41.45016	3.778628	54.77121	29.21121	25.55999	28.34883	-9999
1617.055	1617.055	1256.055	81.95211	99.60247	81.22049	81.07889	46.17028	4.082152	49.74757	26.84281	22.90476	29.78501	-9999
1617.06	1617.06	1256.06	83.10853	123.7059	81.10249	79.63926	49.15014	2.543506	48.30635	14.78847	33.51788	30.02	-9999
1617.065	1617.065	1256.065	79.67466	78.3118	78.90764	75.74518	53.69223	1.984179	44.32359	24.18237	20.14122	31.49714	-9999
1617.07	1617.07	1256.07	80.25287	142.6851	78.44744	76.04019	45.6297	3.995609	50.37469	26.85603	23.51866	29.23996	-9999
1617.075	1617.075	1256.075	80.92549	140.4572	79.42686	78.24683	43.17231	4.667542	52.16015	24.34731	27.81284	28.91191	-9999
1617.08	1617.08	1256.08	80.98449	142.0306	79.69826	80.73668	41.09111	5.304719	53.60417	23.08929	30.51488	28.33937	-9999
1617.085	1617.085	1256.085	82.28251	180.7827	81.5745	81.22049	26.03778	9.715038	64.24718	41.89428	22.3529	27.83543	-9999
1617.09	1617.09	1256.09	84.68976	250.6005	81.7869	75.48557	23.93725	8.775891	67.28686	38.4541	28.83276	28.04013	-9999
1617.095	1617.095	1256.095	84.61896	307.0647	81.5273	70.62387	11.8013	12.07459	76.12411	67.34688	8.777233	29.06053	-9999
1617.1	1617.1	1256.1	85.32698	174.7534	83.69854	74.37635	31.82922	7.374359	60.79642	34.26229	26.53413	29.71654	-9999
1617.105	1617.105	1256.105	87.25042	228.4883	85.86979	76.8662	15.13532	12.19041	72.67427	57.03586	15.63841	29.78033	-9999
1617.11	1617.11	1256.11	86.20019	229.3238	84.44196	71.60329	18.8258	10.81005	70.36415	51.81985	18.54431	30.06576	-9999
1617.115	1617.115	1256.115	87.85223	283.8803	87.69883	71.6977	0	20.45866	79.54134	79.54134	0	-9999	-9999
1617.12	1617.12	1256.12	89.13846	220.0222	89.38626	81.7633	2.826767	18.35736	78.81587	78.81587	0	-9999	-9999
1617.125	1617.125	1256.125	89.48066	205.7495	89.57506	72.29951	7.154801	16.96963	75.87557	71.89506	3.980515	-9999	-9999
1617.13	1617.13	1256.13	93.17414	192.8414	94.34236	96.44281	0	23.71327	76.28673	76.28673	0	-9999	-9999
1617.135	1617.135	1256.135	95.25098	221.3868	97.08002	99.23946	0	31.51245	68.48755	68.48755	0	-9999	-9999
1617.14	1617.14	1256.14	96.57261	223.8097	97.49303	97.11542	0	27.768	72.232	72.232	0	-9999	-9999
1617.145	1617.145	1256.145	97.64643	225.6477	100.6319	103.1099	0	42.82624	57.17376	57.17376	0	-9999	-9999
1617.15	1617.15	1256.15	99.85308	209.0357	103.877	104.9508	0	54.22502	45.77498	45.77498	0	-9999	-9999
1617.155	1617.155	1256.155	100.0773	260.6541	105.175	107.9952	0	67.47705	32.52295	32.52295	0	-9999	-9999
1617.16	1617.16	1256.16	99.44007	267.1708	104.3136	93.69335	0	64.1962	35.8038	35.8038	0	-9999	-9999
1617.165	1617.165	1256.165	98.76745	245.7269	102.7559	104.2192	0	53.88252	46.11748	46.11748	0	-9999	-9999
1617.17	1617.17	1256.17	99.31026	204.0507	102.9211	107.2518	0	49.31044	50.68956	50.68956	0	-9999	-9999
1617.175	1617.175	1256.175	100.1835	218.5044	103.523	98.36624	0	50.00903	49.99097	49.99097	0	-9999	-9999
1617.18	1617.18	1256.18	102.1187	205.7773	105.1632	103.1099	0	50.92425	49.07575	49.07575	0	-9999	-9999

1617.185	1617.185	1256.185	102.1777	246.4371	105.3048	106.4848	0	54.53393	45.46607	45.46607	0	-9999	-9999
1617.19	1617.19	1256.19	102.0361	235.2974	105.3992	103.7118	0	55.55175	44.44825	44.44825	0	-9999	-9999
1617.195	1617.195	1256.195	103.1099	282.0422	108.3374	115.217	0	79.73533	20.26467	20.26467	0	-9999	-9999
1617.2	1617.2	1256.2	97.28062	426.4818	103.7118	87.21502	0	81.69621	18.30379	18.30379	0	-9999	-9999
1617.205	1617.205	1256.205	91.60471	286.9437	90.68429	76.42959	0	19.24095	80.75905	80.75905	0	-9999	-9999
1617.21	1617.21	1256.21	90.04707	153.1424	89.53966	85.84619	24.02865	11.27007	64.70128	48.77399	15.9273	29.32781	-9999
1617.215	1617.215	1256.215	91.2153	165.3961	91.76991	81.3857	11.75784	17.30352	70.93864	62.13979	8.798849	31.22649	-9999
1617.22	1617.22	1256.22	94.70817	242.3433	94.70817	88.02923	0	22.25519	77.74481	77.74481	0	-9999	-9999
1617.225	1617.225	1256.225	91.69911	189.0539	91.3097	86.507	12.90368	14.98232	72.11399	61.74863	10.36536	29.91525	-9999
1617.23	1617.23	1256.23	92.19472	191.811	89.43346	84.27676	30.16234	5.310732	64.52693	26.01042	38.51651	29.3664	-9999
1617.235	1617.235	1256.235	92.61953	254.3323	90.68429	92.00591	8.239723	12.99851	78.76177	64.45048	14.3113	28.79878	-9999
1617.24	1617.24	1256.24	87.68703	72.93691	86.4834	85.86979	51.0053	2.406627	46.58808	15.69289	30.89519	31.25457	-9999
1617.245	1617.245	1256.245	86.73121	117.0917	86.4244	85.59838	34.24884	8.161574	57.58958	32.72243	24.86716	29.11702	-9999
1617.25	1617.25	1256.25	89.35086	95.87068	89.06765	90.47188	36.79135	7.977844	55.23081	29.42659	25.80421	29.19874	-9999
1617.255	1617.255	1256.255	93.98835	148.2967	94.30696	92.59593	15.17371	17.03558	67.79071	50.93611	16.8546	29.48904	-9999
1617.26	1617.26	1256.26	96.3956	200.2214	95.959	88.73725	6.246178	18.17852	75.5753	64.68924	10.88606	-9999	-9999
1617.265	1617.265	1256.265	100.3251	187.9957	100.1009	98.85005	3.94356	21.54914	74.5073	66.96749	7.539804	-9999	-9999
1617.27	1617.27	1256.27	99.00346	200.8759	97.77623	93.85855	9.815851	15.07085	75.1133	63.11458	11.99872	30.34212	-9999
1617.275	1617.275	1256.275	100.9151	156.0666	100.0773	96.80861	15.88307	15.63746	68.47947	57.11978	11.35968	29.92036	-9999
1617.28	1617.28	1256.28	106.0128	209.5927	105.1278	96.0298	0	22.63843	77.36157	77.36157	0	-9999	-9999
1617.285	1617.285	1256.285	109.0455	188.7894	109.7535	107.8418	0	40.92155	59.07845	59.07845	0	-9999	-9999
1617.29	1617.29	1256.29	112.2079	189.4577	111.9719	111.3229	0	35.18256	64.81744	64.81744	0	-9999	-9999
1617.295	1617.295	1256.295	112.9041	290.8425	112.6209	107.8064	0	42.49764	57.50236	57.50236	0	-9999	-9999
1617.3	1617.3	1256.3	107.2046	172.5394	107.5468	102.1777	0	32.97572	67.02428	67.02428	0	-9999	-9999
1617.305	1617.305	1256.305	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1618	1618	1257	166.194	200.7227	164.542	160.0225	0	100	0	0	0	-9999	-9999
1618.005	1618.005	1257.005	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1618.045	1618.045	1257.045	112.0427	87.91975	110.8509	108.8567	24.88075	16.605	58.51425	26.59881	31.91544	29.61217	-9999
1618.05	1618.05	1257.05	100.9977	102.4013	100.3841	101.8119	27.0565	13.61752	59.32598	30.16328	29.1627	29.02443	-9999
1618.055	1618.055	1257.055	101.8237	187.6615	98.04764	96.4192	30.17271	0	69.82729	23.25948	46.56781	28.52114	-9999
1618.06	1618.06	1257.06	98.54325	78.60421	98.13024	95.74659	33.51881	11.55123	54.92996	24.30152	30.62844	30.06281	-9999
1618.065	1618.065	1257.065	95.33358	72.72804	94.53117	95.45159	40.91165	7.004605	52.08375	18.85161	33.23214	30.09711	-9999
1618.07	1618.07	1257.07	95.89999	122.578	93.25674	89.45706	42.59335	1.283584	56.12307	22.79176	33.33131	30.97486	-9999
1618.075	1618.075	1257.075	94.07096	87.75266	92.35992	90.95569	45.4791	3.079304	51.4416	28.19751	23.24408	30.94068	-9999
1618.08	1618.08	1257.08	93.74055	61.29597	93.11514	91.60471	43.77202	6.310844	49.91714	29.41119	20.50595	30.87966	-9999
1618.085	1618.085	1257.085	94.03556	122.4666	92.70213	88.85525	34.18443	7.182515	58.63305	23.40315	35.22991	30.0329	-9999
1618.09	1618.09	1257.09	94.37776	135.5557	94.38956	85.69278	20.27652	14.88003	64.84344	50.04972	14.79372	30.61646	-9999
1618.095	1618.095	1257.095	90.44828	58.17686	89.64587	87.74603	48.92751	3.834512	47.23798	27.77649	19.46149	31.52176	-9999
1618.1	1618.1	1257.1	90.07067	37.31785	89.32726	89.37446	53.86553	2.514001	43.62047	21.9577	21.66277	32.16515	-9999
1618.105	1618.105	1257.105	93.05614	33.05693	92.86733	92.59593	47.85181	6.12196	46.02623	15.5758	30.45043	31.37893	-9999
1618.11	1618.11	1257.11	94.74357	56.77048	94.10636	93.16234	44.03586	6.468702	49.49544	30.86243	18.633	30.87963	-9999
1618.115	1618.115	1257.115	101.2219	68.92663	101.0449	102.2485	31.56738	14.62357	53.80905	20.84616	32.96289	29.22983	-9999
1618.12	1618.12	1257.12	105.3756	73.17363	105.4464	104.5732	24.79773	21.26119	53.94108	37.57052	16.37056	29.00179	-9999
1618.125	1618.125	1257.125	106.8624	67.31138	107.181	106.8978	22.92802	25.14491	51.92707	35.65057	16.2765	28.56035	8
1618.13	1618.13	1257.13	100.3487	68.21648	98.66125	96.1124	44.24844	3.812079	51.93948	28.49399	23.44549	31.54978	8
1618.135	1618.135	1257.135	100.0065	96.17702	98.85005	93.57535	33.68148	8.947416	57.3711	32.98225	24.38885	30.70989	8
1618.14	1618.14	1257.14	98.28364	107.4559	96.77321	94.05916	35.28055	6.775279	57.94417	38.7391	19.20507	30.27789	8
1618.145	1618.145	1257.145	98.26004	70.52796	97.57563	96.82041	37.8372	9.15683	53.00597	27.13008	25.87589	30.18643	8
1618.15	1618.15	1257.15	99.82947	52.96907	98.93266	97.77623	42.28871	7.60449	50.1068	28.04311	22.06369	30.90437	8
1618.155	1618.155	1257.155	99.75867	50.21201	99.15686	98.08304	40.73476	9.288411	49.97683	19.53314	30.44369	30.64403	8
1618.16	1618.16	1257.16	102.0125	103.7938	100.8915	99.01526	29.71832	10.81657	59.46511	35.24868	24.21643	29.87905	8
1618.165	1618.165	1257.165	103.7708	100.0202	104.9272	104.1602	11.36373	30.40716	58.22911	42.15789	16.07121	28.93014	8
1618.17	1618.17	1257.17	100.1009	78.77131	98.87366	97.29242	38.35553	7.36529	54.27918	25.09362	29.18556	30.51022	8
1618.175	1618.175	1257.175	103.1335	35.04815	102.5553	100.1009	41.11663	11.00231	47.88106	26.4015	21.47956	30.96514	8
1618.18	1618.18	1257.18	103.5466	43.16617	103.2515	103.5702	36.57726	14.15123	49.27151	25.13392	24.13759	29.80447	8
1618.185	1618.185	1257.185	103.5348	95.81498	103.0391	102.6733	25.40178	16.09486	58.50335	31.40626	27.0971	29.25778	8
1618.19	1618.19	1257.19	98.72025	76.12564	97.90604	94.61377	37.06514	9.024292	53.91056	36.10906	17.80151	30.59072	8
1618.195	1618.195	1257.195	98.99166	63.71884	98.31904	94.03556	38.72047	9.232956	52.04657	33.99286	18.05372	30.96609	8
1618.2	1618.2	1257.2	98.86186	62.39601	97.88243	94.82617	41.53777	7.165473	51.29676	22.40943	28.88733	31.11095	8
1618.205	1618.205	1257.205	100.4431	89.40968	99.08606	96.82041	36.47218	7.409302	56.11852	26.16367	29.95484	30.45905	8
1618.21	1618.21	1257.21	101.9889	125.711	101.2337	99.23946	21.60104	14.90847	63.49049	47.25977	16.23072	29.5806	8
1618.215	1618.215	1257.215	104.8918	109.837	105.1278	101.1039	15.08997	24.60298	60.30706	51.66672	8.640335	29.63377	8
1618.22	1618.22	1257.22	103.9714	57.56418	103.5466	103.4521	33.70808	14.47685	51.81506	32.33227	19.4828	29.64088	8
1618.225	1618.225	1257.225	104.1012	126.7972	105.0806	103.8298	5.951512	31.18052	62.86797	62.86797	0	-9999	8
1618.23	1618.23	1257.23	107.9244	65.72398	108.3374	108.2902	21.60349	27.57096	50.82554	34.81886	16.00668	28.29309	8
1618.235	1618.235	1257.235	106.2842	111.8422	106.65	106.6264	12.31772	27.78354	59.89875	52.5318	7.366946	28.822	8
1618.24	1618.24	1257.24	101.7293	54.30583	102.6261	104.7502	26.31668	22.21994	51.46338	26.16853	25.29486	28.47911	8
1618.245	1618.245	1257.245	101.6821	79.25867	101.3989	100.6319	29.4667	14.96135	55.57194	22.17812	33.39382	29.47585	8
1618.25	1618.25	1257.25	96.66701	43.61176	95.72299	95.09758	47.82846	4.953613	47.21793	23.18401	24.03392	31.54697	8
1618.255	1618.255	1257.255	96.2068	41.5927	95.60499	96.0652	46.08836	6.444982	47.46666	34.49074	12.97592	31.04071	8
1618.26	1618.26	1257.26	105.8712	62.34031	105.4464	103.9596	30.80441	16.65186	52.54373	24.08642	28.45731	29.59926	8
1618.265	1618.265	1257.265	106.0128	52.46779	105.3048	103.4049	35.25813	13.59759	51.14428	32.03897	19.1053	30.17005	8
1618.27	1618.27	1257.27	102.1659	65.76576	101.1157	99.10966	38.23126	8.849699	52.91905	22.98384	29.9352	30.6319	8

1618.275	1618.275	1257.275	103.9124	77.74089	103.7826	100.8679	26.59331	18.19422	55.21247	30.55874	24.65373	29.6199	8
1618.28	1618.28	1257.28	104.0776	59.48577	103.9242	101.9299	31.04196	16.94	52.01804	30.56149	21.45655	29.67998	8
1618.285	1618.285	1257.285	110.3199	57.09075	110.6031	106.1898	22.49489	29.44242	48.06269	29.59555	18.46714	28.80947	8
1618.29	1618.29	1257.29	114.3438	62.98084	114.6978	115.6654	16.81881	38.32963	44.85156	33.33734	11.51422	26.87248	8
1618.295	1618.295	1257.295	123.2884	55.78184	123.9846	127.0526	7.679846	69.24278	23.07737	23.07737	0	-9999	8
1618.3	1618.3	1257.3	128.5513	39.7825	128.8227	130.7461	10.00208	77.92195	12.07597	8.658546	3.417423	20.34348	8
1618.305	1618.305	1257.305	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1619.015	1619.015	1258.015	85.76359	18.72855	85.70458	83.34454	57.02245	1.952939	41.02461	27.92256	13.10205	33.19972	8
1619.02	1619.02	1258.02	85.84619	39.1002	84.68976	83.72214	60.52154	0	39.47846	26.30799	13.17046	33.05799	8
1619.025	1619.025	1258.025	90.33028	48.83348	89.57506	88.44224	50.93136	3.348015	45.72062	31.56166	14.15896	31.76953	8
1619.03	1619.03	1258.03	86.4834	20.03746	86.95541	87.67523	51.92813	4.219115	43.85275	26.88834	16.96442	31.75902	8
1619.035	1619.035	1258.035	86.69581	27.44533	86.70761	88.63104	53.50664	3.203596	43.28977	31.4087	11.88107	31.70557	8
1619.04	1619.04	1258.04	86.5896	54.16659	86.2946	85.86979	49.51555	3.896365	46.58809	19.27182	27.31626	31.17333	8
1619.045	1619.045	1258.045	86.08219	59.26298	84.54816	81.94031	58.35149	0.012752	41.63576	18.16146	23.4743	32.93658	8
1619.05	1619.05	1258.05	85.72819	47.83091	84.32396	83.53334	60.43776	0	39.56224	23.45467	16.10757	32.56887	8
1619.055	1619.055	1258.055	87.78143	58.4832	85.86979	83.95815	59.90336	0	40.09664	12.28517	27.81148	31.93206	8
1619.06	1619.06	1258.06	85.20897	27.91877	85.33878	85.95239	53.84543	2.950656	43.20391	14.3472	28.85672	31.93888	8
1619.065	1619.065	1258.065	86.4834	17.37787	86.82561	87.01441	53.57772	3.5805	42.84178	19.55556	23.28621	32.15962	8
1619.07	1619.07	1258.07	88.59564	26.99975	88.51304	88.53664	52.59823	3.742392	43.65938	22.70877	20.95061	31.9822	9
1619.075	1619.075	1258.075	89.48066	28.615	90.04707	90.87309	46.36327	6.945003	46.69173	30.20354	16.48819	30.90361	9
1619.08	1619.08	1258.08	91.2271	79.39791	89.69307	88.20624	48.74552	2.548977	48.7055	26.84344	21.86207	31.25099	9
1619.085	1619.085	1258.085	93.96475	100.3126	91.72271	88.25344	46.65263	1.476382	51.87099	25.09033	26.78066	31.37627	9
1619.09	1619.09	1258.09	89.36266	62.04789	88.92605	88.22984	46.15448	5.097415	48.7481	24.59637	24.15173	30.81433	9
1619.095	1619.095	1258.095	90.75509	92.6541	89.29186	86.75481	45.42306	3.604587	50.97235	23.34129	27.63106	30.82557	9
1619.1	1619.1	1258.1	88.40684	30.34164	88.12363	87.65162	53.51787	3.11634	43.36579	23.76943	19.59636	32.18483	9
1619.105	1619.105	1258.105	87.46282	37.54065	86.97901	86.89641	54.1989	2.467947	43.33316	27.38996	15.9432	32.09866	9
1619.11	1619.11	1258.11	85.68098	34.65826	85.55118	85.62198	53.79217	2.757774	43.45006	28.11718	15.33288	31.95487	9
1619.115	1619.115	1258.115	84.64256	25.64906	84.66616	84.68976	55.73887	2.207316	42.05382	20.0976	21.95622	32.37894	9
1619.12	1619.12	1258.12	87.17961	30.091	86.99081	87.15601	53.97596	2.894481	43.12956	27.56377	15.56579	32.09526	10
1619.125	1619.125	1258.125	88.90245	60.41872	88.76085	86.84921	44.68584	5.922048	49.39211	33.66227	15.72985	30.85904	10
1619.13	1619.13	1258.13	86.2238	64.19228	85.48038	86.5424	50.90105	2.929076	46.16988	14.85044	31.31944	30.93798	10
1619.135	1619.135	1258.135	95.79379	82.65626	96.1242	98.47245	29.30624	14.09054	56.60321	40.78787	15.81535	28.84868	10
1619.14	1619.14	1258.14	94.89697	129.7213	93.76415	93.75235	30.08161	8.972089	60.9463	32.65795	28.28836	29.1248	10
1619.145	1619.145	1258.145	96.3366	114.3764	95.09758	92.85553	33.29367	7.981809	58.72452	22.45046	36.27405	29.86761	10
1619.15	1619.15	1258.15	95.91179	98.83661	95.66399	95.64039	29.76318	12.06299	58.17383	42.25975	15.91408	29.27613	10
1619.155	1619.155	1258.155	106.6618	75.875	107.2754	107.9716	18.75388	28.30764	52.93848	24.12795	28.81053	28.2196	10
1619.16	1619.16	1258.16	109.7299	82.71196	110.0249	111.8539	16.74592	30.32809	52.92599	39.12838	13.7976	27.81086	10
1619.165	1619.165	1258.165	114.0606	66.14172	114.627	115.158	14.66829	40.94199	44.38971	33.97544	10.41427	26.81229	10
1619.17	1619.17	1258.17	112.8805	66.92149	113.6358	115.5356	14.10198	40.97763	44.92039	37.06272	7.857677	26.68109	10
1619.175	1619.175	1258.175	109.9069	75.37371	110.6031	111.6533	15.24957	34.72164	50.02879	38.85838	11.17041	27.60249	10
1619.18	1619.18	1258.18	107.1692	76.5016	107.3226	107.8772	21.70205	24.57769	53.72026	34.61389	19.10638	28.45805	10
1619.185	1619.185	1258.185	104.9154	56.67301	105.1514	104.0658	27.93394	21.04415	51.02191	31.6703	19.35161	29.09865	10
1619.19	1619.19	1258.19	105.5644	81.33343	105.9538	105.9302	20.18016	24.94249	54.87736	40.56142	14.31594	28.61122	10
1619.195	1619.195	1258.195	105.5526	106.2584	106.2134	105.9774	12.05577	29.11416	58.83006	52.70288	6.127183	28.78966	10
1619.2	1619.2	1258.2	102.7441	89.01979	103.2279	101.8827	20.18308	22.60465	57.21227	27.97267	29.2396	29.0797	10
1619.205	1619.205	1258.205	91.78171	107.5534	91.0973	88.58384	34.83711	8.226151	56.93673	27.26814	29.66859	29.7894	10
1619.21	1619.21	1258.21	83.15573	69.9292	81.7987	79.20265	57.09083	0.669717	42.23946	26.22435	16.01511	32.30806	10
1619.215	1619.215	1258.215	87.28582	43.70923	87.28582	85.91699	49.11941	4.538798	46.34179	21.99637	24.34542	31.45518	10
1619.22	1619.22	1258.22	88.94965	114.1119	90.24768	92.97353	20.49154	15.38032	64.12814	34.68638	29.44177	28.5992	10
1619.225	1619.225	1258.225	84.65436	55.97678	84.51276	80.13487	49.66903	3.738487	46.59249	23.0172	23.57529	31.80613	9
1619.23	1619.23	1258.23	80.07587	26.76303	79.52126	79.17905	64.15179	0	35.84821	6.28204	29.56617	32.61245	9
1619.235	1619.235	1258.235	79.89887	29.15805	79.60386	79.46226	61.72309	0	38.27691	10.9502	27.32671	33.05119	9
1619.24	1619.24	1258.24	81.8223	38.22295	81.7987	80.51248	55.65643	1.811701	42.53187	17.569	24.96287	32.2776	9
1619.245	1619.245	1258.245	82.84893	39.64326	82.44772	80.32367	57.29468	1.208806	41.49651	27.00437	14.49214	32.74339	9
1619.25	1619.25	1258.25	85.10277	43.58391	84.59536	83.60414	55.09057	1.918305	42.99112	12.27752	30.7136	32.2107	9
1619.255	1619.255	1258.255	81.4919	29.4087	81.01989	80.78388	61.56862	0	38.43138	19.18065	19.25073	33.1745	9
1619.26	1619.26	1258.26	84.09975	18.96527	84.34756	85.69278	56.11814	2.223609	41.65825	21.68991	19.96833	32.27775	9
1619.265	1619.265	1258.265	84.40656	28.87956	84.44196	85.55118	55.08276	2.362859	42.55438	13.39709	29.15729	32.00589	9
1619.27	1619.27	1258.27	86.90821	25.77438	86.89641	87.22682	53.8985	3.107101	42.9944	16.91442	26.07998	32.09373	9
1619.275	1619.275	1258.275	87.32122	28.58715	87.45102	88.02923	51.74042	4.005656	44.25393	23.05326	21.20067	31.67292	9
1619.28	1619.28	1258.28	87.55722	52.49564	87.62802	86.4244	46.1947	5.522246	48.28305	21.49975	26.7833	30.94576	9
1619.285	1619.285	1258.285	85.63378	42.62312	85.73999	85.64558	50.07906	4.058976	45.86197	26.76995	19.09201	31.30407	9
1619.29	1619.29	1258.29	88.85525	47.73343	88.41864	87.81683	50.0854	3.908002	46.0066	26.07335	19.93325	31.47298	9
1619.295	1619.295	1258.295	88.53664	35.21524	88.08823	87.91123	53.49937	2.881425	43.6192	28.68171	14.9375	32.07503	9
1619.3	1619.3	1258.3	91.1563	43.09655	90.82589	89.42166	48.26749	5.110207	46.6223	18.06876	28.55354	31.49685	9
1619.305	1619.305	1258.305	85.42138	38.34827	84.85497	83.79295	56.52174	1.488162	41.9901	17.81971	24.17039	32.56961	9
1619.31	1619.31	1258.31	85.14997	26.1782	84.64256	85.50398	59.25933	0.759903	39.98077	21.05218	18.92859	32.89917	9
1619.315	1619.315	1258.315	82.96693	23.17049	83.13213	85.19717	56.78284	1.772373	41.44479	19.97958	21.4652	32.15119	9
1619.32	1619.32	1258.32	82.57752	12.68529	82.41232	82.70732	62.23917	0	37.76083	22.19793	15.56291	33.64482	9
1619.325	1619.325	1258.325	80.92549	17.82345	81.13789	81.7397	59.58914	0.740011	39.67085	9.842181	29.82866	32.93769	9
1619.33	1619.33	1258.33	79.16725	15.97148	79.48586	79.75726	60.83183	0.239414	38.92876	15.52905	23.39971	33.19154	9
1619.335	1619.335	1258.335	81.3503	18.38044	81.4801	80.46528	59.70369	0.716041	39.58027	22.96088	16.61939	33.26765	9
1619.34	1619.34	1258.34	80.79568	22.7249	80.68948	80.51248	60.99161	0.189032	38.81936	20.12809	18.69127	33.26201	9

1619.345	1619.345	1258.345	83.12033	30.95432	83.02593	83.48614	56.76996	1.599197	41.63084	18.89902	22.73182	32.3273	9
1619.35	1619.35	1258.35	84.08795	19.98176	84.65436	85.50398	53.41381	3.286622	43.29957	24.02767	19.2719	31.89826	9
1619.355	1619.355	1258.355	84.66616	22.59958	84.39476	83.98175	58.74142	1.083673	40.1749	23.88986	16.28504	33.05988	9
1619.36	1619.36	1258.36	85.97599	26.9719	85.99959	85.45678	54.19199	2.880978	42.92704	15.14455	27.78249	32.25123	9
1619.365	1619.365	1258.365	86.79021	36.64947	86.566	86.3536	53.02142	3.042974	43.9356	15.27947	28.65613	31.90111	9
1619.37	1619.37	1258.37	89.52786	75.08129	89.71667	88.37144	38.00146	8.559366	53.43917	34.86334	18.57584	29.98948	9
1619.375	1619.375	1258.375	97.22162	84.22974	97.48123	98.10664	28.16057	14.99262	56.84681	33.97254	22.87427	29.11222	9
1619.38	1619.38	1258.38	90.55448	96.00993	89.61046	90.73149	40.77162	5.854522	53.37386	30.05074	23.32312	29.60032	9
1619.385	1619.385	1258.385	83.80475	39.37869	83.50974	82.87253	55.65629	1.827104	42.51661	20.85146	21.66515	32.23617	9
1619.39	1619.39	1258.39	83.58054	37.42925	83.42714	82.94333	55.2369	2.035305	42.7278	29.00175	13.72605	32.1562	9
1619.395	1619.395	1258.395	85.72819	45.28271	85.13817	82.93153	54.74425	1.986381	43.26937	29.08232	14.18705	32.38458	9
1619.4	1619.4	1258.4	84.14695	41.14711	83.86375	82.66012	54.82205	2.106056	43.0719	30.00707	13.06483	32.1899	9
1619.405	1619.405	1258.405	82.01111	29.56187	81.5863	81.7161	60.68808	0.196233	39.11569	9.642621	29.47307	33.09045	9
1619.41	1619.41	1258.41	79.61566	28.04409	79.36785	79.80446	61.88741	0	38.11259	12.70361	25.40898	32.92031	9
1619.415	1619.415	1258.415	78.54184	27.64028	78.25863	77.82202	63.24741	0	36.75259	14.63597	22.11662	32.72632	9
1619.42	1619.42	1258.42	81.4093	37.94446	81.6099	81.14969	54.36621	2.250664	43.38313	30.77632	12.60681	31.9016	9
1619.425	1619.425	1258.425	83.15573	29.28338	83.19113	82.83713	56.13579	1.880043	41.98416	14.66334	27.32083	32.39423	9
1619.43	1619.43	1258.43	83.87555	26.54023	83.94635	84.47736	55.86305	2.092483	42.04447	31.18064	10.86383	32.25795	9
1619.435	1619.435	1258.435	90.84949	19.383	90.82589	90.54268	51.91069	4.665267	43.42405	19.6607	23.76335	32.07217	9
1619.44	1619.44	1258.44	92.28912	28.615	92.02951	91.56931	50.18112	5.050394	44.76848	24.40802	20.36046	31.78379	9
1619.445	1619.445	1258.445	92.19472	35.96717	92.10032	91.4985	47.20842	6.249351	46.54223	26.98054	19.56169	31.2838	9
1619.45	1619.45	1258.45	97.92964	62.85552	97.69363	96.2304	36.52274	11.12748	52.34978	19.15773	33.19206	30.14477	9
1619.455	1619.455	1258.455	102.8267	85.12091	103.3813	101.6349	20.5019	23.01341	56.48468	37.86092	18.62376	29.11764	9
1619.46	1619.46	1258.46	91.89971	57.13252	91.1209	88.34784	47.66202	4.462292	47.87569	32.51151	15.36418	31.57445	9
1619.465	1619.465	1258.465	92.80833	25.35665	92.33632	91.5457	52.1381	4.131274	43.73062	14.81161	28.91901	32.23155	9
1619.47	1619.47	1258.47	91.3215	28.43398	91.02649	89.52786	51.38949	4.358931	44.25157	28.30972	15.94185	32.14536	9
1619.475	1619.475	1258.475	94.02376	25.30095	93.52815	93.50454	51.21629	4.663976	44.11973	26.30528	17.81445	31.97223	9
1619.48	1619.48	1258.48	99.51087	70.48619	101.2573	103.9596	17.85747	26.55832	55.58422	31.01207	24.57215	28.31714	9
1619.485	1619.485	1258.485	101.6231	67.39493	102.6025	98.50785	22.60666	23.60239	53.79095	25.8648	27.92615	29.52044	9
1619.49	1619.49	1258.49	102.5671	53.67923	102.3429	102.7441	34.38545	14.48278	51.13177	19.4641	31.66767	29.57296	9
1619.495	1619.495	1258.495	98.77925	45.43588	98.38985	98.36624	41.14552	9.629712	49.22477	23.06836	26.15641	30.4567	9
1619.5	1619.5	1258.5	95.10938	19.95391	95.28638	94.89697	46.29875	8.473903	45.22735	32.0619	13.16545	31.25054	1
1619.505	1619.505	1258.505	91.1563	15.23348	91.56931	92.06492	49.24889	6.490818	44.26029	23.06981	21.19048	31.52551	1
1619.51	1619.51	1258.51	90.90849	26.41491	90.49548	90.82589	53.17259	3.508004	43.3194	30.6161	12.70331	32.12227	1
1619.515	1619.515	1258.515	90.42468	27.20861	90.58989	89.20926	48.94448	5.754481	45.30104	23.46954	21.8315	31.70826	1
1619.52	1619.52	1258.52	88.93785	16.58417	89.06765	90.27128	53.15784	4.043738	42.79842	27.40949	15.38894	31.98163	1
1619.525	1619.525	1258.525	88.32424	30.55051	88.02923	87.94663	53.63477	3.048869	43.31636	32.38441	10.93195	32.12338	1
1619.53	1619.53	1258.53	86.81381	23.04517	86.4716	86.82561	57.20647	1.724887	41.06864	23.76787	17.30077	32.71852	1
1619.535	1619.535	1258.535	87.01441	17.82345	86.4244	85.72819	60.20606	0.593189	39.20075	11.23513	27.96562	33.59788	1
1619.54	1619.54	1258.54	90.11788	41.55092	90.77869	90.62529	41.91493	8.644051	49.44102	34.50787	14.93315	30.44229	1
1619.545	1619.545	1258.545	92.21832	36.83049	92.32452	92.73753	45.4231	7.247939	47.32896	18.45742	28.87154	30.83575	1
1619.55	1619.55	1258.55	86.4008	29.11628	86.04679	85.95239	56.20868	1.927694	41.86362	29.66283	12.2008	32.51273	1
1619.555	1619.555	1258.555	90.24768	43.8624	90.15328	87.53362	47.08905	5.68567	47.22528	26.83376	20.39152	31.50864	1
1619.56	1619.56	1258.56	87.56902	27.58458	87.88763	85.82259	50.29183	4.762207	44.94596	15.55294	29.39302	31.95501	1
1619.565	1619.565	1258.565	88.97325	24.3123	89.59866	88.72545	47.41408	6.56715	46.01877	26.4402	19.57857	31.38876	1
1619.57	1619.57	1258.57	88.12363	20.3438	88.53664	88.64285	50.80224	4.941629	44.25613	19.9999	24.25623	31.73027	1
1619.575	1619.575	1258.575	88.92605	25.73261	88.79625	88.15904	52.96671	3.638252	43.39504	29.53123	13.86381	32.18921	1
1619.58	1619.58	1258.58	87.46282	40.799	86.684	85.18537	55.69667	1.647559	42.65577	25.6379	17.01787	32.58061	1
1619.585	1619.585	1258.585	83.94635	35.68868	83.66314	82.93153	56.32754	1.664472	42.00798	21.50504	20.50295	32.4331	1
1619.59	1619.59	1258.59	84.09975	49.22336	83.23833	81.3857	57.39216	0.905345	41.70249	15.3956	26.30689	32.6267	1
1619.595	1619.595	1258.595	89.33906	57.63381	88.31244	86.97901	51.817	2.515035	45.66797	26.00911	19.65886	31.79151	1
1619.6	1619.6	1258.6	94.12996	149.9537	91.3333	89.26826	38.78573	2.365807	58.84846	25.59956	33.2489	29.84061	1
1619.605	1619.605	1258.605	89.26826	29.13021	88.97325	88.83165	53.10999	3.38735	43.50266	25.67988	17.82278	32.09957	1
1619.61	1619.61	1258.61	92.20652	53.35896	91.1091	87.98203	50.76216	2.937991	46.29985	30.64903	15.65082	32.17469	1
1619.615	1619.615	1258.615	90.49548	81.05494	89.94087	90.22408	41.4271	6.412023	52.16088	34.19913	17.96174	29.95928	1
1619.62	1619.62	1258.62	89.57506	81.94611	88.37144	88.37144	47.08807	3.557611	49.35431	18.61078	30.74353	30.59353	1
1619.625	1619.625	1258.625	82.91973	22.8363	83.37994	84.92577	54.62084	2.59946	42.7797	27.79415	14.98555	31.87935	1
1619.63	1619.63	1258.63	81.14969	19.13236	81.4565	82.40052	58.3345	1.167177	40.49832	30.11256	10.38576	32.62466	1
1619.635	1619.635	1258.635	81.18509	21.88943	81.6571	82.74272	56.3544	1.815151	41.83045	14.34205	27.4884	32.20334	1
1619.64	1619.64	1258.64	75.79238	23.07302	75.94578	76.6656	63.49847	0	36.50153	9.695266	26.80627	32.31389	1
1619.645	1619.645	1258.645	76.34699	19.31338	75.80418	75.32037	69.29372	0	30.70628	8.946955	21.75933	31.81729	1
1619.65	1619.65	1258.65	79.67466	29.95176	78.78964	78.09343	66.30988	0	33.69012	8.585418	25.1047	32.13386	1
1619.655	1619.655	1258.655	79.46226	21.83373	79.50946	79.02565	61.24515	0.073329	38.68152	17.63815	21.04336	33.31458	1
1619.66	1619.66	1258.66	78.51824	13.75748	78.51824	78.58904	64.43391	0	35.56609	24.069	11.49709	32.74698	1
1619.665	1619.665	1258.665	80.59508	29.33907	80.04047	80.11127	63.05071	0	36.94929	21.00528	15.94401	32.71541	1
1619.67	1619.67	1258.67	83.80475	21.56916	83.15573	82.23531	62.70975	0	37.29025	20.12294	17.16731	33.35271	1
1619.675	1619.675	1258.675	85.22077	43.47252	83.96995	81.7751	60.77044	0	39.22956	25.09356	14.136	33.00911	1
1619.68	1619.68	1258.68	83.99355	38.06978	82.29431	81.00809	66.68212	0	33.31788	8.996283	24.3216	31.50162	1
1619.685	1619.685	1258.685	77.88102	19.64757	77.38541	76.8662	67.43572	0	32.56428	17.50929	15.05499	32.13345	1
1619.69	1619.69	1258.69	77.52702	15.4702	77.31461	77.26741	66.57749	0	33.42251	24.31721	9.105301	32.25425	1
1619.695	1619.695	1258.695	76.41779	12.03083	76.28799	76.42959	67.79014	0	32.20986	23.6541	8.55576	32.01655	1
1619.7	1619.7	1258.7	75.99299	21.69448	75.55638	75.09617	68.22011	0	31.77989	8.64228	23.13761	31.89349	1
1619.705	1619.705	1258.705	79.72186	46.522	79.19085	78.60084	59.5129	0.414121	40.07298	11.93803	28.13495	32.55708	1

1619.71	1619.71	1258.71	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1620.065	1620.065	1259.065	98.97986	49.40438	99.10966	100.6437	35.9767	13.3838	50.6395	20.75563	29.88387	29.51306	1
1620.07	1620.07	1259.07	100.2307	97.70872	100.1363	101.1275	24.87388	16.26279	58.86334	26.89851	31.96482	28.93313	1
1620.075	1620.075	1259.075	99.01526	88.08685	99.03886	99.13326	27.40604	15.33549	57.25847	31.35049	25.90798	29.17799	9
1620.08	1620.08	1259.08	101.3045	47.90053	100.8915	101.2573	38.40874	11.58774	50.00352	24.61763	25.38589	30.0568	9
1620.085	1620.085	1259.085	104.2664	47.1486	104.4316	104.1248	31.38466	18.99301	49.62234	34.60084	15.02149	29.23141	9
1620.09	1620.09	1259.09	103.0273	53.20579	103.1807	103.4994	31.15017	17.87727	50.97256	19.78806	31.1845	29.18826	9
1620.095	1620.095	1259.095	102.0715	55.83754	102.1305	101.1393	32.12426	16.29784	51.5779	26.30066	25.27724	29.57624	9
1620.1	1620.1	1259.1	104.2192	40.03315	104.1012	105.3992	35.34487	16.07141	48.58373	32.4116	16.17213	29.38516	9
1620.105	1620.105	1259.105	108.007	48.80563	107.6766	108.2076	31.38321	18.98411	49.63268	26.93489	22.69778	29.04017	9
1620.11	1620.11	1259.11	111.9483	61.7694	111.9129	110.5205	22.3337	28.63843	49.02787	33.3976	15.63027	28.25962	9
1620.115	1620.115	1259.115	114.5916	110.9649	116.1374	119.0521	0	59.75521	40.24479	40.24479	0	-9999	9
1620.12	1620.12	1259.12	113.978	155.8438	116.1256	121.7661	0	70.00829	29.99171	29.99171	0	-9999	9
1620.125	1620.125	1259.125	113.5532	164.7416	117.0342	121.5183	0	89.785	10.215	10.215	0	-9999	9
1620.13	1620.13	1259.13	112.9631	184.0968	116.5268	120.1377	0	89.85523	10.14477	10.14477	0	-9999	9
1620.135	1620.135	1259.135	112.5383	110.7839	113.329	114.273	3.527751	43.65327	52.81898	52.81898	0	-9999	9
1620.14	1620.14	1259.14	111.0515	88.18432	111.0279	108.066	16.67491	29.13714	54.18795	39.50888	14.67906	28.76434	9
1620.145	1620.145	1259.145	111.0633	103.9748	112.0427	109.8479	5.069355	42.3904	52.54025	51.73858	0.801668	-9999	9
1620.15	1620.15	1259.15	110.4615	80.03844	110.8037	109.0573	16.35402	31.91886	51.72712	39.18298	12.54414	28.29633	9
1620.155	1620.155	1259.155	110.8863	63.42643	111.3465	108.5971	19.06878	32.95199	47.97923	26.65684	21.32239	28.20986	9
1620.16	1620.16	1259.16	109.8243	66.72655	110.9453	113.0103	14.12591	38.9322	46.94189	34.24022	12.70167	27.06419	9
1620.165	1620.165	1259.165	112.5147	95.62004	113.7656	117.2466	3.652495	48.74596	47.60155	47.60155	0	-9999	9
1620.17	1620.17	1259.17	110.6385	153.7134	111.0161	110.6503	0	37.6167	62.3833	62.3833	0	-9999	9
1620.175	1620.175	1259.175	106.3196	143.994	108.243	108.3138	0	45.4188	54.5812	54.5812	0	-9999	9
1620.18	1620.18	1259.18	104.3372	156.0805	106.1308	108.243	0	40.90551	59.09449	59.09449	0	-9999	9
1620.185	1620.185	1259.185	101.0921	177.97	102.0715	98.02404	0	30.35738	69.64262	69.64262	0	-9999	9
1620.19	1620.19	1259.19	100.4549	166.4822	100.2897	99.45187	8.57314	20.61395	70.81291	53.47323	17.33968	29.7914	9
1620.195	1620.195	1259.195	98.66125	172.4001	97.10362	93.58715	19.58247	11.02386	69.39367	49.93502	19.45865	29.77799	9
1620.2	1620.2	1259.2	97.95324	114.6271	97.20982	94.43676	27.90474	11.5947	60.50056	40.40534	20.09522	29.74046	8
1620.205	1620.205	1259.205	99.28666	89.74387	98.57865	97.08002	32.42537	10.957	56.61764	27.30158	29.31605	29.82984	8
1620.21	1620.21	1259.21	100.2543	129.8606	101.1865	101.3871	9.115104	25.68761	65.19729	59.82108	5.376209	29.35207	8
1620.215	1620.215	1259.215	98.99166	161.4833	101.2337	99.03886	0	35.48381	64.51619	64.51619	0	-9999	8
1620.22	1620.22	1259.22	97.45763	151.4854	94.99138	88.51304	32.79295	4.251119	62.95593	28.32904	34.62689	30.58585	8
1620.225	1620.225	1259.225	97.11542	103.557	96.3012	89.29186	31.90319	9.959437	58.13737	38.90832	19.22905	30.71501	8
1620.23	1620.23	1259.23	97.79983	127.7162	97.19802	92.51332	23.78088	13.22318	62.99594	28.95972	34.03622	29.95896	8
1620.235	1620.235	1259.235	98.69665	72.68627	97.59923	97.29242	40.11403	7.054925	52.83105	37.17207	15.65898	30.38876	8
1620.24	1620.24	1259.24	98.56685	45.29663	98.68485	99.06246	37.44219	12.66234	49.89547	18.37615	31.51932	29.88434	8
1620.245	1620.245	1259.245	99.19226	34.88105	99.25126	99.54627	39.84464	12.13077	48.02458	25.49461	22.52997	30.18587	8
1620.25	1620.25	1259.25	99.13326	49.02842	99.73507	100.8207	32.26848	16.63334	51.09818	36.73253	14.36565	29.21044	8
1620.255	1620.255	1259.255	98.04764	68.09116	98.85005	98.69665	27.09938	18.07719	54.82343	39.23029	15.59313	29.1621	8
1620.26	1620.26	1259.26	99.12146	97.54163	99.91208	95.14478	19.07591	21.1699	59.75419	31.45842	28.29577	29.87058	8
1620.265	1620.265	1259.265	102.5081	178.5826	102.2485	93.16234	4.487463	22.58811	72.92443	67.53027	5.394158	-9999	8
1620.27	1620.27	1259.27	101.2337	161.8871	99.10966	93.46914	24.14966	7.584914	68.26543	48.39506	19.87037	30.43771	8
1620.275	1620.275	1259.275	98.42525	102.095	96.3012	93.23314	41.20313	2.938765	55.8581	24.91519	30.94291	31.00361	8
1620.28	1620.28	1259.28	96.87941	54.66787	95.60499	92.71393	47.51812	3.985019	48.49686	29.14395	19.35292	31.88046	8
1620.285	1620.285	1259.285	97.57563	60.86431	96.79681	94.23616	41.53708	7.538297	50.92462	18.20585	32.71876	30.93687	8
1620.29	1620.29	1259.29	96.56081	44.78142	96.3956	94.73177	41.60728	9.324886	49.06784	17.09947	31.96836	30.76304	8
1620.295	1620.295	1259.295	97.77623	54.44508	97.30422	95.42798	40.52823	9.032748	50.43902	17.14684	33.29218	30.68551	8
1620.3	1620.3	1259.3	99.21586	70.68113	98.40165	96.136	37.92675	8.955004	53.11824	35.79604	17.3222	30.49828	8
1620.305	1620.305	1259.305	101.1157	85.95639	99.74687	94.59017	36.78053	7.417427	55.80205	21.45877	34.34327	31.04617	8
1620.31	1620.31	1259.31	101.1629	120.4058	98.73205	94.63737	36.63102	2.791718	60.57726	25.28827	35.28899	30.94884	8
1620.315	1620.315	1259.315	100.9505	93.7263	99.20406	100.0301	37.97866	5.36735	56.65399	33.74802	22.90598	30.10703	9
1620.32	1620.32	1259.32	104.29	82.15498	104.0186	103.4167	26.27512	17.70794	56.01694	26.53809	29.47885	29.2016	9
1620.325	1620.325	1259.325	107.0748	92.30599	106.8978	106.0246	20.52489	22.31126	57.16385	38.82617	18.33768	28.93458	9
1620.33	1620.33	1259.33	107.594	106.704	108.184	106.4376	10.61853	31.63441	57.74706	43.51439	14.23267	28.90145	9
1620.335	1620.335	1259.335	104.998	83.50566	105.6352	105.3992	18.25509	26.54624	55.19868	41.0527	14.14597	28.60167	9
1620.34	1620.34	1259.34	105.8948	108.4724	106.6028	105.4228	10.83935	30.22712	58.93354	38.84697	20.08657	28.96145	9
1620.345	1620.345	1259.345	106.9332	146.0131	107.2518	102.6143	3.817074	30.5587	65.62422	60.42231	5.20191	-9999	9
1620.35	1620.35	1259.35	108.2784	140.7217	108.3729	108.0542	5.597554	29.86411	64.53834	60.34383	4.194501	-9999	9
1620.355	1620.355	1259.355	110.4261	125.3908	110.5559	105.1868	7.057457	32.45321	60.48934	60.48934	0	-9999	9
1620.36	1620.36	1259.36	111.1813	146.7232	111.7123	111.6061	0	39.98418	60.01582	60.01582	0	-9999	9
1620.365	1620.365	1259.365	111.5235	148.3245	112.1371	107.3462	0	41.77967	58.22033	58.22033	0	-9999	9
1620.37	1620.37	1259.37	110.2845	147.2384	111.1931	106.6736	0	42.80864	57.19136	57.19136	0	-9999	9
1620.375	1620.375	1259.375	110.5559	121.0602	112.0899	110.8627	0	49.27731	50.72269	50.72269	0	-9999	9
1620.38	1620.38	1259.38	112.5383	100.2848	113.4942	117.2938	4.788214	45.14514	50.06665	49.21511	0.851541	-9999	9
1620.385	1620.385	1259.385	112.4557	82.62841	112.7625	112.4085	14.1669	35.25592	50.57718	43.08168	7.495508	27.74414	9
1620.39	1620.39	1259.39	112.1607	92.69588	112.0781	114.1432	15.01989	30.48376	54.49635	42.28591	12.21044	27.76369	9
1620.395	1620.395	1259.395	114.0016	87.76658	113.801	111.1813	15.43373	31.65057	52.9157	37.39173	15.52397	28.39578	9
1620.4	1620.4	1259.4	113.7774	98.58597	113.4234	112.9631	14.21058	29.95247	55.83695	40.50471	15.33224	28.29048	10
1620.405	1620.405	1259.405	116.5622	105.7293	116.633	115.1934	6.627562	41.68808	51.68436	40.74773	10.93663	-9999	10
1620.41	1620.41	1259.41	118.6155	104.6432	118.5211	121.3885	6.281746	43.36244	50.35581	41.35595	8.999866	-9999	10
1620.415	1620.415	1259.415	119.5949	101.0367	119.9253	123.4418	2.961176	53.09674	43.94209	43.94209	0	-9999	10
1620.42	1620.42	1259.42	119.6185	129.7492	121.6127	125.7664	0	87.14462	12.85538	12.85538	0	-9999	10

1620.425	1620.425	1259.425	117.7776	186.7424	121.9667	127.6308	0	100	0	0	0	-9999	10
1620.43	1620.43	1259.43	117.0224	185.2247	120.9519	110.2845	0	100	0	0	0	-9999	10
1620.435	1620.435	1259.435	114.3084	180.7688	114.7568	115.0636	0	47.54768	52.45232	52.45232	0	-9999	10
1620.44	1620.44	1259.44	111.6651	175.8952	109.0809	104.29	14.72941	6.725496	78.54509	61.87571	16.66938	31.45618	9
1620.445	1620.445	1259.445	110.4379	164.2821	107.7592	104.29	19.40045	4.821711	75.77784	51.83092	23.94692	31.05248	9
1620.45	1620.45	1259.45	109.3169	114.5157	108.5145	107.8772	17.93441	20.04259	62.023	38.03582	23.98717	29.18177	9
1620.455	1620.455	1259.455	108.4201	119.264	110.5441	112.8569	0	50.89219	49.10781	49.10781	0	-9999	9
1620.46	1620.46	1259.46	109.1281	117.5512	111.4173	113.565	0	54.59217	45.40783	45.40783	0	-9999	9
1620.465	1620.465	1259.465	109.3405	125.3768	110.4969	105.5408	0.103285	42.28429	57.61242	57.61242	0	-9999	9
1620.47	1620.47	1259.47	107.9834	123.692	107.0394	101.7057	18.03792	17.97544	63.98664	48.11595	15.87069	30.21532	9
1620.475	1620.475	1259.475	106.9096	112.2321	105.9066	99.85308	22.2564	15.73967	62.00393	33.70022	28.30371	30.38159	9
1620.48	1620.48	1259.48	106.5438	108.0825	106.1662	102.0361	18.75018	20.87583	60.37399	41.29577	19.07821	29.71519	9
1620.485	1620.485	1259.485	104.762	92.89082	104.5968	102.9801	22.41973	19.82211	57.75816	27.19794	30.56022	29.23733	9
1620.49	1620.49	1259.49	103.7354	98.97586	104.1248	102.3547	17.5934	23.73415	58.67245	32.29988	26.37257	29.14504	9
1620.495	1620.495	1259.495	103.2043	89.25651	103.5702	102.1777	20.61692	22.22936	57.15372	31.13787	26.01585	29.08158	9
1620.5	1620.5	1259.5	105.824	65.02775	105.6352	104.113	28.36844	18.90349	52.72807	22.46464	30.26344	29.32891	9
1620.505	1620.505	1259.505	105.5762	96.59476	106.6854	106.6972	10.89749	32.71683	56.38568	33.99355	22.39213	28.54378	9
1620.51	1620.51	1259.51	105.2458	161.2187	109.1753	112.6445	0	64.86854	35.13146	35.13146	0	-9999	9
1620.515	1620.515	1259.515	105.1632	129.3871	107.417	102.9919	0	45.21229	54.78771	54.78771	0	-9999	9
1620.52	1620.52	1259.52	107.9362	161.901	107.6648	105.293	3.622008	27.1231	69.25489	63.44131	5.813582	-9999	9
1620.525	1620.525	1259.525	103.7944	119.5842	101.8355	99.41647	30.75082	6.594128	62.65505	27.51655	35.1385	30.3061	9
1620.53	1620.53	1259.53	105.5762	198.2859	103.4167	99.39287	11.62041	10.88495	77.49465	55.67858	21.81607	30.81035	9
1620.535	1620.535	1259.535	103.995	131.0859	102.8739	102.4845	21.28977	13.88946	64.82077	33.02111	31.79966	29.38987	9
1620.54	1620.54	1259.54	103.0155	127.744	101.1629	98.30724	28.66959	7.660564	63.66984	29.16652	34.50332	30.18606	9
1620.545	1620.545	1259.545	101.7293	91.72116	101.8591	102.7677	23.20654	18.90008	57.89338	34.51101	23.38238	28.82764	9
1620.55	1620.55	1259.55	101.8237	72.50525	102.6969	104.2664	22.00847	23.38995	54.60158	32.57642	22.02516	28.47558	9
1620.555	1620.555	1259.555	102.2721	105.9381	102.3193	103.7826	19.90681	19.79628	60.29691	34.70259	25.59432	28.71933	9
1620.56	1620.56	1259.56	103.3459	143.5066	102.2013	102.1659	19.06395	14.13187	66.80417	43.05204	23.75213	29.33597	9
1620.565	1620.565	1259.565	101.4933	100.3962	100.9269	100.8797	26.71997	14.18753	59.0925	36.61787	22.47463	29.25697	8
1620.57	1620.57	1259.57	99.56987	64.06696	99.29846	100.1245	34.99491	12.24838	52.75671	35.01751	17.73921	29.58323	8
1620.575	1620.575	1259.575	99.68787	60.182	99.10966	99.40467	38.20426	10.06595	51.7298	19.09694	32.63286	30.05085	8
1620.58	1620.58	1259.58	99.67607	58.34396	99.36927	100.1599	36.55652	11.71298	51.73049	36.6261	15.1044	29.7492	8
1620.585	1620.585	1259.585	100.5021	46.80049	100.4785	101.8001	36.39526	13.56098	50.04375	19.51634	30.52741	29.58921	8
1620.59	1620.59	1259.59	100.7617	59.41615	101.4697	102.8385	27.43342	19.91995	52.64663	26.52627	26.12035	28.76754	8
1620.595	1620.595	1259.595	101.3753	49.6411	102.2839	104.7974	27.67978	21.52927	50.79096	28.79104	21.99991	28.46769	8
1620.6	1620.6	1259.6	103.641	47.91445	103.759	103.8534	32.14051	17.92317	49.93632	27.58757	22.34875	29.27042	8
1620.605	1620.605	1259.605	104.8092	74.81673	104.5732	103.877	27.29895	18.04573	54.65532	30.31196	24.34336	29.21406	8
1620.61	1620.61	1259.61	103.6292	60.80861	103.4639	105.2576	31.22582	16.46976	52.30442	36.22134	16.08308	28.99857	8
1620.615	1620.615	1259.615	105.234	33.15441	104.8682	104.8446	37.99637	14.55266	47.45097	22.64371	24.80726	29.95885	8
1620.62	1620.62	1259.62	104.9508	35.38234	105.057	106.237	34.05969	18.50938	47.43093	33.90741	13.52352	29.13461	8
1620.625	1620.625	1259.625	105.1042	57.7452	104.5142	105.5172	33.90241	14.1563	51.94129	29.60362	22.33768	29.4648	8
1620.63	1620.63	1259.63	104.5614	65.09738	105.3992	108.184	21.55689	26.46052	51.98259	22.93116	29.05144	27.96163	8
1620.635	1620.635	1259.635	105.5644	84.38291	107.3462	109.3641	8.650861	38.378	52.97114	40.29755	12.67359	27.92675	8
1620.64	1620.64	1259.64	106.5792	128.301	108.8921	111.8303	0	49.02832	50.97168	50.97168	0	-9999	8
1620.645	1620.645	1259.645	107.8772	140.8749	108.3374	108.6443	3.09459	33.05753	63.84788	62.84818	0.999704	-9999	8
1620.65	1620.65	1259.65	108.2194	103.6545	107.2282	105.057	23.03567	16.37007	60.59426	43.39618	17.19808	29.62478	8
1620.655	1620.655	1259.655	105.0098	74.60786	104.3608	102.8739	30.36575	14.70796	54.92628	26.61712	28.30917	29.68996	8
1620.66	1620.66	1259.66	104.4906	82.87905	106.0718	107.2754	11.55739	34.28922	54.15339	49.785	4.368388	28.19565	8
1620.665	1620.665	1259.665	103.6882	100.7025	105.1042	105.234	9.262666	32.59062	58.14671	42.16193	15.98479	28.78975	8
1620.67	1620.67	1259.67	104.349	112.8447	104.4434	103.7	15.95891	22.92267	61.11842	44.19717	16.92126	29.08124	8
1620.675	1620.675	1259.675	104.0776	119.807	102.6733	102.4609	26.13812	10.96127	62.90061	31.17841	31.7222	29.52844	8
1620.68	1620.68	1259.68	102.4491	100.0481	103.3459	102.0007	14.58483	26.28065	59.13452	39.18422	19.95029	29.09782	8
1620.685	1620.685	1259.685	101.5995	128.2453	101.8119	95.9826	13.84695	21.84627	64.30678	37.53905	26.76772	30.23328	2
1620.69	1620.69	1259.69	96.0652	89.52108	95.88819	93.38654	31.3277	11.92929	56.74302	31.76384	24.97918	29.8297	2
1620.695	1620.695	1259.695	95.09758	30.56444	95.02678	93.25674	45.66235	7.856555	46.4811	25.68405	20.79705	31.36175	2
1620.7	1620.7	1259.7	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1621.03	1621.03	1260.03	91.0973	14.35623	91.2271	90.57808	51.71031	5.138908	43.15078	27.89951	15.25128	32.14032	2
1621.035	1621.035	1260.035	94.68457	27.06937	94.35416	94.96778	48.90006	5.996501	45.10344	33.11302	11.99041	31.44636	2
1621.04	1621.04	1260.04	96.0062	37.87484	95.79379	95.9826	44.15472	8.20667	47.63861	23.22381	24.4148	30.77166	2
1621.045	1621.045	1260.045	94.73177	53.37289	93.06794	91.4159	52.82525	1.158962	46.01579	24.34455	21.67124	32.44487	2
1621.05	1621.05	1260.05	95.39258	78.47889	93.37474	90.24768	48.8852	1.293316	49.82148	22.59732	27.22416	31.92667	2
1621.055	1621.055	1260.055	95.47519	74.38507	94.07096	90.24768	45.04442	4.09398	50.8616	16.74467	34.11693	31.48838	2
1621.06	1621.06	1260.06	96.0298	66.8101	94.63737	92.59593	46.27586	3.843014	49.88112	34.17987	15.70126	31.41632	2
1621.065	1621.065	1260.065	96.44281	52.38424	95.45159	94.34236	46.27759	5.177732	48.54468	22.40316	26.14151	31.31913	2
1621.07	1621.07	1260.07	92.50152	28.3365	92.14752	91.3569	50.78472	4.715022	44.50026	21.54171	22.95855	31.9433	2
1621.075	1621.075	1260.075	89.42166	30.63406	88.99685	88.20624	53.6109	3.04966	43.33944	27.24882	16.09063	32.28531	2
1621.08	1621.08	1260.08	89.15026	43.8624	87.95843	86.6368	56.6037	0.904322	42.49197	12.59254	29.89944	32.77488	2
1621.085	1621.085	1260.085	90.34208	46.11818	88.90245	87.19142	56.88182	0.446307	42.67188	18.73951	23.93237	32.96191	2
1621.09	1621.09	1260.09	90.69609	100.8139	87.56902	85.77539	56.39738	0	43.60262	10.32551	33.27711	29.22808	2
1621.095	1621.095	1260.095	90.63709	97.93152	87.45102	84.41836	57.60646	0	42.39354	13.74012	28.65342	29.15593	2
1621.1	1621.1	1260.1	88.66645	62.46563	86.83741	82.74272	57.48523	0	42.51477	17.26427	25.2505	32.82347	2
1621.105	1621.105	1260.105	88.21804	47.06505	87.09701	85.71638	56.13759	1.102386	42.76002	27.44041	15.31961	32.59454	2
1621.11	1621.11	1260.11	88.91425	70.37479	87.40382	87.53362	52.87403	1.458768	45.6672	28.95525	16.71195	31.50076	2

1621.115	1621.115	1260.115	87.56902	45.14346	86.4008	84.34756	57.56552	0.620382	41.8141	11.53448	30.27962	32.97141	2
1621.12	1621.12	1260.12	87.51002	27.61243	86.90821	84.86677	57.47262	1.397578	41.1298	28.19795	12.93185	33.17487	2
1621.125	1621.125	1260.125	86.02319	15.14993	85.84619	84.64256	58.56416	1.427606	40.00824	21.6218	18.38644	33.32655	2
1621.13	1621.13	1260.13	85.48038	23.25404	84.94937	83.23833	59.84591	0.603211	39.55088	20.54378	19.0071	33.53738	2
1621.135	1621.135	1260.135	83.92275	29.79858	82.91973	81.86951	63.35322	0	36.64678	20.99799	15.64879	32.76485	2
1621.14	1621.14	1260.14	82.67192	22.82237	81.7987	80.59508	65.18626	0	34.81374	8.123047	26.6907	32.64944	2
1621.145	1621.145	1260.145	83.20293	29.08843	82.21171	81.4093	64.09586	0	35.90414	17.05364	18.8505	32.57651	2
1621.15	1621.15	1260.15	82.08191	20.02354	81.7279	82.48312	62.3825	0	37.6175	7.104518	30.51298	33.15195	2
1621.155	1621.155	1260.155	81.96391	17.29432	81.6335	81.17329	62.96863	0	37.03137	22.54049	14.49088	33.32253	2
1621.16	1621.16	1260.16	80.41808	20.30203	80.19387	79.60386	62.83987	0	37.16013	22.48158	14.67856	33.1711	2
1621.165	1621.165	1260.165	78.01083	16.70949	77.94003	78.15243	64.73506	0	35.26494	19.51922	15.74572	32.52786	2
1621.17	1621.17	1260.17	78.80144	31.9012	78.05803	77.98723	65.54405	0	34.45595	17.46326	16.99269	32.10228	2
1621.175	1621.175	1260.175	82.40052	84.98167	79.27345	78.19963	67.86071	0	32.13929	19.92717	12.21212	29.85075	2
1621.18	1621.18	1260.18	85.62198	114.3764	82.17631	80.60688	60.25263	0	39.74737	22.35063	17.39675	29.45898	2
1621.185	1621.185	1260.185	83.35634	97.83405	80.46528	79.43866	62.04204	0	37.95796	13.41844	24.53952	30.39916	2
1621.19	1621.19	1260.19	81.29129	119.8766	77.84562	75.96938	62.90581	0	37.09419	10.30333	26.79086	30.4177	2
1621.195	1621.195	1260.195	83.00233	106.885	80.20567	79.09645	59.44578	0	40.55422	15.01122	25.54301	30.88603	2
1621.2	1621.2	1260.2	84.79597	67.84052	83.92275	84.65436	52.33775	2.323775	45.33848	17.15145	28.18703	31.05133	2
1621.205	1621.205	1260.205	81.8223	50.5462	81.4093	81.6335	55.69212	1.586136	42.72175	29.28605	13.4357	31.77658	2
1621.21	1621.21	1260.21	81.06709	38.08371	80.99629	80.40628	56.75073	1.409844	41.83942	13.70735	28.13207	32.2809	2
1621.215	1621.215	1260.215	81.4683	49.96137	80.54788	80.20567	60.09176	0.114701	39.79354	26.13077	13.66277	32.65491	2
1621.22	1621.22	1260.22	80.39448	56.8401	78.86044	78.21143	64.17052	0	35.82948	11.41983	24.40965	31.75242	2
1621.225	1621.225	1260.225	79.09645	35.89755	78.68344	79.08465	61.74488	0	38.25512	12.92733	25.32779	32.68935	2
1621.23	1621.23	1260.23	78.15243	34.37977	77.14941	77.24381	67.55327	0	32.44673	10.10255	22.34418	31.68154	2
1621.235	1621.235	1260.235	79.36785	18.93742	80.13487	80.71308	56.45435	1.630559	41.91509	14.84232	27.07278	32.28248	2
1621.24	1621.24	1260.24	80.92549	27.77952	81.26769	81.7633	56.1738	1.757502	42.06869	30.36762	11.70107	32.15577	2
1621.245	1621.245	1260.245	79.86346	26.52631	79.16725	78.47104	65.50191	0	34.49809	21.60291	12.89519	32.3766	2
1621.25	1621.25	1260.25	79.73366	33.79494	78.81324	78.75424	65.5999	0	34.4001	15.94711	18.45299	32.03327	2
1621.255	1621.255	1260.255	77.73942	41.16104	77.38541	79.22625	61.26232	0	38.73768	7.801605	30.93608	32.32875	2
1621.26	1621.26	1260.26	77.53882	37.16468	77.60962	78.19963	59.12172	0.555491	40.32279	12.02261	28.30017	32.31168	2
1621.265	1621.265	1260.265	78.44744	21.83373	78.18783	78.75424	64.55654	0	35.44346	19.80478	15.63868	32.40473	2
1621.27	1621.27	1260.27	79.23805	28.90741	78.24683	77.25561	67.78736	0	32.21264	7.504375	24.70827	31.94188	2
1621.275	1621.275	1260.275	79.36785	36.14819	79.39145	79.79266	58.05081	0.951072	40.99812	22.20393	18.79419	32.27122	2
1621.28	1621.28	1260.28	78.50644	42.02436	78.65984	81.3857	56.41531	1.376454	42.20824	27.45348	14.75476	31.4122	2
1621.285	1621.285	1260.285	77.13761	32.09614	76.8662	77.45622	63.36953	0	36.63047	24.35599	12.27448	32.30789	2
1621.29	1621.29	1260.29	75.76878	28.12764	75.82778	76.7364	63.02857	0	36.97143	24.97803	11.9934	32.26057	2
1621.295	1621.295	1260.295	76.25259	29.79858	76.27619	80.34727	62.45346	0	37.54654	23.00545	14.54109	31.79555	2
1621.3	1621.3	1260.3	76.819	37.30393	77.83382	80.60688	52.43411	2.424725	45.14117	22.24873	22.89244	30.83431	2
1621.305	1621.305	1260.305	79.83986	39.53186	79.81626	80.55968	57.16352	1.217617	41.61886	27.48331	14.13555	32.01607	2
1621.31	1621.31	1260.31	78.60084	37.58242	77.94003	78.40023	63.71359	0	36.28641	18.23424	18.05217	32.21024	2
1621.315	1621.315	1260.315	77.90462	19.74504	77.73942	77.52702	64.82977	0	35.17023	11.36339	23.80684	32.50763	2
1621.32	1621.32	1260.32	77.81022	20.3995	77.50342	76.878	65.85567	0	34.14433	13.71417	20.43016	32.38044	2
1621.325	1621.325	1260.325	80.81928	51.32597	79.35605	77.14941	64.56541	0	35.43459	7.328752	28.10584	32.0731	2
1621.33	1621.33	1260.33	83.40354	59.3326	81.27949	79.16725	65.37159	0	34.62841	6.812349	27.81606	31.19075	2
1621.335	1621.335	1260.335	82.18811	61.15672	80.37088	78.61264	63.6706	0	36.3294	23.45942	12.86998	31.70036	2
1621.34	1621.34	1260.34	80.89009	53.21972	79.50946	78.25863	63.40182	0	36.59818	10.52204	26.07614	32.08832	2
1621.345	1621.345	1260.345	77.85742	24.89714	77.65682	77.71582	63.90075	0	36.09925	14.49681	21.60244	32.50882	2
1621.35	1621.35	1260.35	77.07861	31.81765	75.92218	74.69496	70.35009	0	29.64991	21.29385	8.356056	31.62489	2
1621.355	1621.355	1260.355	75.59178	34.97853	74.71856	73.96334	68.7582	0	31.2418	12.08127	19.16053	31.69422	2
1621.36	1621.36	1260.36	76.12279	53.48428	74.83656	74.42355	66.99209	0	33.00791	22.64425	10.36365	31.61396	2
1621.365	1621.365	1260.365	75.11977	60.36302	74.35275	76.06379	62.22634	0	37.77366	8.55458	29.21909	31.79827	2
1621.37	1621.37	1260.37	72.96032	48.80563	71.9455	71.9927	68.9304	0	31.0696	8.480256	22.58934	31.44248	2
1621.375	1621.375	1260.375	70.97788	30.85685	71.10768	70.30527	66.22702	0	33.77298	14.77923	18.99375	31.68971	2
1621.38	1621.38	1260.38	70.54127	27.7656	70.43507	68.46443	69.20582	0	30.79418	23.02995	7.764228	31.67997	2
1621.385	1621.385	1260.385	70.04566	34.95068	70.09286	66.8006	66.73412	0	33.26588	10.39087	22.87501	32.03414	2
1621.39	1621.39	1260.39	70.98968	38.82171	71.59149	68.01602	60.63059	0	39.36941	11.44286	27.92655	32.74629	2
1621.395	1621.395	1260.395	73.52673	41.30028	72.91312	70.36427	67.11623	0	32.88377	17.50157	15.3822	32.09839	2
1621.4	1621.4	1260.4	73.62114	33.87848	72.50011	70.83628	72.75789	0	27.24211	4.416763	22.82535	31.57146	2
1621.405	1621.405	1260.405	73.23173	27.7099	72.68892	71.13129	70.1278	0	29.8722	11.46299	18.40921	31.7212	2
1621.41	1621.41	1260.41	71.48529	25.83008	71.15489	70.60027	70.5433	0	29.4567	17.82241	11.63428	31.42264	2
1621.415	1621.415	1260.415	72.19331	25.41234	71.8275	71.46169	70.26738	0	29.73262	5.705942	24.02668	31.44529	2
1621.42	1621.42	1260.42	73.42053	26.88835	72.97212	72.0871	69.4213	0	30.5787	10.03542	20.54328	31.66064	2
1621.425	1621.425	1260.425	72.35851	25.09208	72.61812	73.75094	65.34595	0	34.65405	22.1902	12.46385	31.56763	2
1621.43	1621.43	1260.43	73.93974	31.09357	73.46773	74.44715	68.10887	0	31.89113	6.108009	25.78312	31.42935	2
1621.435	1621.435	1260.435	73.95154	24.86929	73.69194	73.40873	67.95815	0	32.04185	15.85265	16.1892	31.72081	2
1621.44	1621.44	1260.44	73.58574	25.91363	73.63294	75.14337	65.66422	0	34.33578	8.255051	26.08073	31.59174	2
1621.445	1621.445	1260.445	71.00148	29.13021	71.15489	69.72706	66.44025	0	33.55975	14.69163	18.86812	31.78954	2
1621.45	1621.45	1260.45	69.44385	43.52821	69.14884	69.39665	67.86413	0	32.13587	14.03684	18.09904	31.32256	2
1621.455	1621.455	1260.455	69.10164	53.63745	69.56185	69.75066	59.8796	0.159703	39.9607	16.25716	23.70353	31.69474	2
1621.46	1621.46	1260.46	68.51163	54.02734	68.68863	68.12222	62.5229	0	37.4771	6.726603	30.75049	31.76572	2
1621.465	1621.465	1260.465	68.12222	58.24649	67.68561	67.83902	66.61562	0	33.38438	21.00822	12.37616	31.43044	2
1621.47	1621.47	1260.47	66.19878	39.81035	65.97458	67.85082	71.2006	0	28.7994	11.85784	16.94156	30.71507	2
1621.475	1621.475	1260.475	65.97458	36.44061	65.66777	64.65295	72.86251	0	27.13749	19.22404	7.913455	31.22153	2

1621.48	1621.48	1260.48	64.38155	29.45047	64.12194	62.52891	75.6539	0	24.3461	14.7812	9.564893	31.2293	2
1621.485	1621.485	1260.485	65.06596	43.36112	63.98034	61.83269	78.0595	0	21.9405	21.20172	0.738782	31.80812	2
1621.49	1621.49	1260.49	66.42299	54.89066	64.72375	62.70591	78.77638	0	21.22362	20.49136	0.732259	32.05642	2
1621.495	1621.495	1260.495	69.46745	64.74926	67.68561	63.31952	74.22986	0	25.77014	5.822651	19.94749	32.29912	2
1621.5	1621.5	1260.5	72.57091	86.90326	69.27865	67.78002	77.71924	0	22.28076	17.78925	4.491505	31.68787	2
1621.505	1621.505	1260.505	73.04292	133.6063	68.40543	64.07474	76.40838	0	23.59162	12.75636	10.83526	32.41526	2
1621.51	1621.51	1260.51	75.01356	73.56352	72.47651	68.09862	72.8473	0	27.1527	9.475156	17.67754	31.82101	2
1621.515	1621.515	1260.515	76.39419	50.17023	74.57696	70.90708	71.65973	0	28.34027	22.63596	5.704308	31.75111	2
1621.52	1621.52	1260.52	77.03141	67.10251	75.57998	71.6741	64.14088	0	35.85912	18.91833	16.94079	32.42255	2
1621.525	1621.525	1260.525	76.7364	50.61582	75.16697	72.53551	69.31658	0	30.68342	19.89988	10.78354	31.75236	2
1621.53	1621.53	1260.53	74.83656	42.63704	73.40873	71.9455	71.89788	0	28.10212	21.93722	6.164905	31.50295	2
1621.535	1621.535	1260.535	72.99572	26.10857	72.68892	72.98392	68.90341	0	31.09659	20.83776	10.25883	31.46058	2
1621.54	1621.54	1260.54	71.60329	21.63879	72.0635	72.99572	65.32176	0	34.67824	17.5479	17.13034	31.52122	2
1621.545	1621.545	1260.545	71.6623	24.92498	72.40571	73.82174	62.27737	0	37.72263	7.863007	29.85962	31.75391	2
1621.55	1621.55	1260.55	71.48529	26.45669	72.16971	72.73612	62.5268	0	37.4732	15.08111	22.39209	31.8501	2
1621.555	1621.555	1260.555	70.90708	30.53659	70.81268	70.06926	68.10725	0	31.89275	6.348166	25.54459	31.54599	2
1621.56	1621.56	1260.56	71.32009	24.86929	71.03688	70.62387	70.562	0	29.438	13.85083	15.58717	31.38247	2
1621.565	1621.565	1260.565	69.30225	37.13683	69.50285	69.91586	65.70014	0	34.29986	17.80112	16.49875	31.34469	2
1621.57	1621.57	1260.57	70.09286	48.77778	69.11344	67.35521	71.30085	0	28.69915	6.619705	22.07945	31.65911	2
1621.575	1621.575	1260.575	72.0045	47.90053	70.89528	70.60027	70.76041	0	29.23959	11.87916	17.36044	31.40834	2
1621.58	1621.58	1260.58	69.77426	34.57471	69.25505	68.07502	71.46449	0	28.53551	11.76652	16.76899	31.44498	2
1621.585	1621.585	1260.585	69.97486	40.78507	69.60905	67.52041	68.58815	0	31.41185	22.91223	8.499619	31.74147	2
1621.59	1621.59	1260.59	69.80966	41.45345	68.81844	68.16942	73.42534	0	26.57466	4.038329	22.53633	31.3832	2
1621.595	1621.595	1260.595	71.19029	39.30907	70.65928	69.04264	69.10748	0	30.89252	18.92394	11.96858	31.69119	2
1621.6	1621.6	1260.6	69.33765	41.11926	68.67683	66.29319	71.37981	0	28.62019	24.15833	4.461865	31.69631	2
1621.605	1621.605	1260.605	69.00724	33.34935	68.14582	67.85082	75.11878	0	24.88122	23.20951	1.671705	31.25306	2
1621.61	1621.61	1260.61	68.12222	23.69962	67.53221	67.24901	76.16484	0	23.83516	13.29056	10.5446	31.14939	2
1621.615	1621.615	1260.615	70.17547	17.68421	69.80966	68.98364	73.994	0	26.006	23.29867	2.707328	31.27853	2
1621.62	1621.62	1260.62	70.32887	33.58607	70.23447	68.38183	67.90123	0	32.09877	11.13321	20.96557	31.72181	2
1621.625	1621.625	1260.625	72.39391	26.84658	73.06652	73.76274	61.68797	0	38.31203	17.38984	20.92219	32.06707	2
1621.63	1621.63	1260.63	78.14063	19.07666	77.65682	77.12581	67.2436	0	32.7564	13.48364	19.27277	32.17231	2
1621.635	1621.635	1260.635	78.56544	38.66854	77.46802	75.94578	66.86704	0	33.13296	20.03211	13.10085	31.98329	2
1621.64	1621.64	1260.64	79.53306	55.4755	77.56242	76.20539	68.67698	0	31.32302	23.57388	7.749143	31.20721	2
1621.645	1621.645	1260.645	81.4211	85.24623	79.17905	78.69524	61.83886	0	38.16114	15.85997	22.30117	31.2599	2
1621.65	1621.65	1260.65	82.31792	81.33343	79.32065	79.10825	67.81361	0	32.18639	20.88679	11.2996	29.8324	2
1621.655	1621.655	1260.655	81.6571	51.38167	80.57148	79.39145	60.85467	0	39.14533	13.55199	25.59334	32.70309	2
1621.66	1621.66	1260.66	80.99629	51.14495	80.18207	79.50946	59.41652	0.351853	40.23163	11.92431	28.30732	32.53181	2
1621.665	1621.665	1260.665	80.97269	48.61068	79.87526	77.70402	62.24637	0	37.75363	10.442	27.31163	32.66496	2
1621.67	1621.67	1260.67	78.88404	44.22444	78.54184	75.22597	59.37647	0.480486	40.14305	18.15162	21.99143	33.01202	2
1621.675	1621.675	1260.675	77.39721	37.27608	77.24381	75.87498	60.96263	0.028058	39.00932	10.28549	28.72382	32.99827	2
1621.68	1621.68	1260.68	77.51522	53.31719	77.23201	76.15819	57.97809	0.85928	41.16263	28.63548	12.52715	32.09521	2
1621.685	1621.685	1260.685	77.53882	48.12332	76.5004	76.07559	65.06621	0	34.93379	5.861553	29.07224	31.91538	2
1621.69	1621.69	1260.69	75.48557	36.30136	75.52098	75.10797	61.49399	0	38.50601	17.04058	21.46544	32.60845	2
1621.695	1621.695	1260.695	73.32613	84.13227	71.9691	71.28469	62.69692	0.094915	37.20817	17.13944	20.06873	31.93046	2
1621.7	1621.7	1260.7	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1622.01	1622.01	1261.01	96.79681	84.00695	96.57261	94.18896	32.35484	11.80325	55.84191	24.78397	31.05795	29.89012	-9999
1622.015	1622.015	1261.015	95.16838	39.2116	94.84977	95.41618	45.42509	7.17619	47.39872	28.76373	18.63499	30.85462	-9999
1622.02	1622.02	1261.02	95.16838	34.93675	95.00318	94.63737	45.27072	7.698507	47.03077	31.14239	15.88838	31.01837	-9999
1622.025	1622.025	1261.025	95.47519	46.2992	94.80257	92.87913	46.17118	5.972062	47.85676	20.91656	26.9402	31.41452	-9999
1622.03	1622.03	1261.03	96.91482	45.42196	96.1242	94.38956	45.97353	6.058213	47.96825	21.53345	26.43481	31.41756	-9999
1622.035	1622.035	1261.035	98.53145	41.24458	98.20104	96.80861	41.93053	9.534287	48.53518	33.22636	15.30882	30.78827	-9999
1622.04	1622.04	1261.04	100.8089	55.94893	100.4549	97.78803	36.45973	12.14128	51.39899	34.77208	16.62691	30.37407	9
1622.045	1622.045	1261.045	103.2869	98.47458	103.2043	93.51635	21.78533	19.32583	58.88884	30.7367	28.15214	30.75528	9
1622.05	1622.05	1261.05	102.0361	98.07076	103.1099	102.8739	14.07152	26.98698	58.94149	40.47644	18.46505	28.88686	9
1622.055	1622.055	1261.055	103.8652	143.075	103.9006	102.7441	9.545554	23.917	66.53745	56.19668	10.34077	29.57867	9
1622.06	1622.06	1261.06	103.3931	117.6766	105.2104	107.1456	2.316986	36.75271	60.9303	60.9303	0	-9999	9
1622.065	1622.065	1261.065	106.6146	117.5512	108.7859	111.7241	0	46.88637	53.11363	53.11363	0	-9999	9
1622.07	1622.07	1261.07	107.8182	82.76766	109.1635	110.5441	10.35193	38.36729	51.28078	31.21172	20.06906	27.69915	9
1622.075	1622.075	1261.075	107.594	70.27732	108.9393	109.8479	13.58086	37.06959	49.34955	43.21264	6.136907	27.63131	9
1622.08	1622.08	1261.08	109.8007	51.29812	110.2255	111.2993	23.27696	29.7934	46.92964	23.12216	23.80748	27.73576	9
1622.085	1622.085	1261.085	109.1989	44.16874	109.7417	109.7771	24.64142	29.59899	45.75959	30.4124	15.34719	27.95997	9
1622.09	1622.09	1261.09	108.7741	43.19402	109.0809	109.4703	27.09716	26.25906	46.64377	16.14618	30.4976	28.24359	9
1622.095	1622.095	1261.095	114.3084	35.9254	114.3202	113.3408	26.0509	31.61777	42.33133	27.00406	15.32727	27.68745	9
1622.1	1622.1	1261.1	116.1256	50.30948	116.2672	117.223	19.89212	38.11431	41.99357	12.84665	29.14691	26.5863	9
1622.105	1622.105	1261.105	115.866	43.66746	116.22	115.8542	20.09219	40.35366	39.55414	18.82851	20.72563	26.56904	9
1622.11	1622.11	1261.11	112.4439	47.19038	112.7743	113.4352	22.57086	33.14595	44.28319	21.49461	22.78858	27.34709	9
1622.115	1622.115	1261.115	111.5353	49.36261	111.7241	112.1371	23.97853	29.86685	46.15462	24.47619	21.67843	27.76677	9
1622.12	1622.12	1261.12	110.0367	60.94785	109.8833	108.3611	25.20574	24.30172	50.49254	22.25281	28.23973	28.73659	9
1622.125	1622.125	1261.125	108.5617	56.24135	109.0337	109.5647	22.8548	28.5693	48.5759	34.7647	13.8112	28.01154	9
1622.13	1622.13	1261.13	106.2134	39.64326	106.296	105.9538	32.04983	20.1485	47.80167	14.98539	32.81628	29.13974	9
1622.135	1622.135	1261.135	105.942	35.06207	106.1544	104.9862	32.4022	20.69488	46.90291	33.51414	13.38877	29.27212	9
1622.14	1622.14	1261.14	105.3284	44.64218	105.2222	104.7148	33.11754	17.70549	49.17696	22.0976	27.07937	29.42782	9
1622.145	1622.145	1261.145	103.7236	47.13468	103.4639	102.3547	35.17968	14.87662	49.9437	30.81238	19.13132	29.87425	9

1622.15	1622.15	1261.15	103.3459	44.99029	103.2751	103.0273	34.58279	15.8714	49.54582	31.00826	18.53755	29.60827	9
1622.155	1622.155	1261.155	102.1305	59.08196	101.9653	101.5169	33.02241	14.88299	52.0946	22.66519	29.42941	29.58624	9
1622.16	1622.16	1261.16	101.6703	72.17106	101.6939	100.8679	28.81501	16.72994	54.45505	30.49432	23.96074	29.34395	9
1622.165	1622.165	1261.165	99.81767	58.12117	99.78227	100.2897	34.37677	13.62652	51.99671	26.95414	25.04257	29.5422	9
1622.17	1622.17	1261.17	99.08606	60.2377	99.62887	100.9623	30.05652	16.94458	52.9989	20.20373	32.79517	29.00761	9
1622.175	1622.175	1261.175	98.28364	64.97205	98.90906	99.75867	29.00886	16.9748	54.01634	27.94744	26.0689	29.05532	9
1622.18	1622.18	1261.18	97.36322	59.444	97.54023	97.18622	34.66861	12.94395	52.38745	33.72968	18.65777	29.72089	9
1622.185	1622.185	1261.185	98.14204	53.33111	98.67305	98.74385	32.68786	15.44055	51.87159	37.67595	14.19564	29.45117	9
1622.19	1622.19	1261.19	97.61103	43.8624	97.81163	96.63161	38.02847	12.2473	49.72423	28.86565	20.85858	30.21983	9
1622.195	1622.195	1261.195	95.09758	56.33882	95.15658	93.05614	38.41897	10.28814	51.29289	17.95033	33.34256	30.39278	9
1622.2	1622.2	1261.2	95.12118	78.01938	95.62859	93.46914	29.6754	14.19627	56.12833	31.70675	24.42158	29.68047	9
1622.205	1622.205	1261.205	96.70241	69.72033	96.95022	96.46641	32.24097	13.50068	54.25835	38.9838	15.27455	29.53952	9
1622.21	1622.21	1261.21	98.17744	74.69141	98.27184	98.10664	30.86982	14.15948	54.9707	27.82789	27.14281	29.39064	9
1622.215	1622.215	1261.215	97.63463	67.01897	97.67003	95.68759	33.68319	12.825	53.49181	23.42241	30.0694	29.93805	9
1622.22	1622.22	1261.22	99.18046	49.05627	99.01526	98.11844	38.16268	11.61499	50.22232	29.38498	20.83734	30.20639	9
1622.225	1622.225	1261.225	99.74687	40.15847	99.48727	98.76745	40.52647	10.85444	48.61909	19.60416	29.01493	30.47795	9
1622.23	1622.23	1261.23	100.4549	45.78399	101.2809	103.8298	30.10015	19.4903	50.40955	26.40447	24.00508	28.66529	9
1622.235	1622.235	1261.235	98.94446	65.37587	99.82947	101.1747	26.29125	19.43582	54.27293	32.91723	21.3557	28.78867	9
1622.24	1622.24	1261.24	97.42223	67.38101	97.61103	100.4431	32.60212	13.60103	53.79685	37.82653	15.97032	28.9573	9
1622.245	1622.245	1261.245	94.74357	82.47524	94.92057	94.82617	31.50513	12.41993	56.07494	36.75359	19.32136	29.37695	9
1622.25	1622.25	1261.25	94.46036	59.34653	94.43676	94.34236	38.91751	9.60998	51.47251	25.49723	25.97528	30.05014	9
1622.255	1622.255	1261.255	94.92057	76.4459	94.89697	92.70213	34.35607	11.08085	54.56308	33.67523	20.88785	29.97486	9
1622.26	1622.26	1261.26	94.62557	78.61814	94.50757	94.87337	34.83341	10.53384	54.63275	29.47279	25.15996	29.52295	9
1622.265	1622.265	1261.265	95.9708	90.67682	96.1006	93.48094	28.75711	13.64857	57.59432	38.52176	19.07256	29.70041	9
1622.27	1622.27	1261.27	97.55203	86.72224	97.77623	96.80861	27.52777	15.23319	57.23905	33.41162	23.82743	29.35297	9
1622.275	1622.275	1261.275	97.41043	63.70492	97.45763	97.02102	34.60001	12.49035	52.90964	32.97616	19.93349	29.73079	9
1622.28	1622.28	1261.28	95.36898	49.23729	95.45159	96.077	39.70495	10.13468	50.16037	21.60942	28.55095	30.0551	9
1622.285	1622.285	1261.285	91.5457	51.11711	91.4277	92.20652	44.32213	6.789722	48.88815	27.31179	21.57636	30.47455	9
1622.29	1622.29	1261.29	89.09125	35.84185	89.09125	89.18566	49.36232	4.913585	45.7241	30.31517	15.40893	31.34934	9
1622.295	1622.295	1261.295	89.61046	44.7675	89.99987	91.1445	43.70673	7.385449	48.90783	31.39342	17.51441	30.33695	9
1622.3	1622.3	1261.3	88.57204	43.0687	88.89065	90.43648	45.62189	6.367984	48.01012	17.92814	30.08199	30.48134	1
1622.305	1622.305	1261.305	86.10579	37.41533	86.271	86.90821	50.44784	4.128741	45.42342	27.37981	18.04361	31.28343	1
1622.31	1622.31	1261.31	85.02017	36.25959	85.59838	86.84921	48.52548	4.898666	46.57585	24.26811	22.30774	30.88731	1
1622.315	1622.315	1261.315	85.53938	38.1394	85.55118	85.31518	51.98258	3.400092	44.61733	21.28706	23.33027	31.64101	1
1622.32	1622.32	1261.32	84.85497	42.34462	85.14997	84.90217	49.39973	4.298732	46.30153	18.9548	27.34674	31.18755	1
1622.325	1622.325	1261.325	85.69278	39.93567	84.89037	84.15875	57.71693	0.929832	41.35323	18.22605	23.12719	32.69657	1
1622.33	1622.33	1261.33	83.74574	23.07302	84.01715	84.68976	55.26685	2.41623	42.31692	17.6831	24.63381	32.15157	1
1622.335	1622.335	1261.335	84.86677	31.66448	84.34756	84.15875	58.28365	0.99514	40.72121	27.44279	13.27841	32.77856	1
1622.34	1622.34	1261.34	82.21171	24.45155	81.6217	81.04349	63.02054	0	36.97946	24.29902	12.68043	33.03336	1
1622.345	1622.345	1261.345	80.96089	19.32731	80.64228	79.68646	63.30798	0	36.69202	25.86853	10.82349	33.18167	1
1622.35	1622.35	1261.35	79.10825	19.25768	78.95485	79.72186	63.74893	0	36.25107	23.60499	12.64608	32.63824	1
1622.355	1622.355	1261.355	77.83382	29.86821	77.22021	77.36181	65.92027	0	34.07973	25.08717	8.992558	32.01759	1
1622.36	1622.36	1261.36	77.66862	40.04707	76.45319	76.40599	68.27302	0	31.72698	15.4422	16.28478	31.50077	1
1622.365	1622.365	1261.365	75.74518	32.37463	75.09617	75.41477	67.50963	0	32.49037	24.6769	7.813475	31.66224	1
1622.37	1622.37	1261.37	74.96636	22.892	74.21115	73.75094	71.344	0	28.656	9.056216	19.59978	31.50269	1
1622.375	1622.375	1261.375	73.62114	25.30095	72.99572	72.0281	70.99267	0	29.00733	18.34988	10.65744	31.57087	1
1622.38	1622.38	1261.38	72.50011	26.7491	71.9455	71.20209	71.12485	0	28.87515	7.954027	20.92112	31.47432	1
1622.385	1622.385	1261.385	70.52947	18.645	69.95126	69.11344	75.08194	0	24.91806	15.00185	9.91621	31.29458	1
1622.39	1622.39	1261.39	70.45867	13.92457	70.25807	70.23447	73.36296	0	26.63704	17.80277	8.834273	31.13313	1
1622.395	1622.395	1261.395	71.8039	14.11952	72.24051	72.93672	67.13977	0	32.86023	15.79917	17.06106	31.44075	1
1622.4	1622.4	1261.4	70.41147	16.44492	70.75368	72.0281	68.58967	0	31.41033	18.66209	12.74824	31.05966	1
1622.405	1622.405	1261.405	71.8157	14.06382	72.12251	73.12553	68.14836	0	31.85164	17.96919	13.88244	31.30642	1
1622.41	1622.41	1261.41	73.10193	34.71396	72.96032	73.83354	65.44287	0	34.55713	15.31444	19.24269	31.62895	1
1622.415	1622.415	1261.415	69.60905	25.41234	69.59725	70.02206	69.90133	0	30.09867	21.30273	8.795935	31.11149	1
1622.42	1622.42	1261.42	69.23145	26.03895	70.02206	70.36427	63.87837	0	36.12163	13.72949	22.39215	31.40857	1
1622.425	1622.425	1261.425	68.52343	22.01475	68.84204	68.55883	69.16167	0	30.83833	7.353982	23.48435	31.13006	1
1622.43	1622.43	1261.43	75.00176	27.87699	75.32037	76.33519	61.78294	0	38.21706	15.16232	23.05474	32.34993	1
1622.435	1622.435	1261.435	72.94852	38.1951	72.87772	73.10193	64.19286	0	35.80714	22.8622	12.94494	31.85427	1
1622.44	1622.44	1261.44	74.25835	31.27459	74.68316	74.74216	60.8216	0	39.1784	20.09153	19.08687	32.54249	1
1622.445	1622.445	1261.445	74.35275	36.32921	75.50918	77.51522	53.84152	1.724147	44.43434	26.64067	17.79367	31.07887	1
1622.45	1622.45	1261.45	74.75396	31.12142	76.25259	78.83684	52.08058	2.224983	45.69443	21.30443	24.39	30.86284	1
1622.455	1622.455	1261.455	75.03717	20.87293	75.55638	76.39419	61.89068	0	38.10932	24.15318	13.95614	32.46544	1
1622.46	1622.46	1261.46	75.69798	24.59079	75.36757	75.04897	66.96754	0	33.03246	15.87177	17.16069	31.94546	1
1622.465	1622.465	1261.465	75.96938	42.73451	76.20539	77.30281	57.93738	0.816137	41.24649	20.09889	21.14759	31.80965	1
1622.47	1622.47	1261.47	76.6538	30.87078	77.12581	78.51824	58.3497	0.731089	40.91921	25.59117	15.32804	32.09891	1
1622.475	1622.475	1261.475	79.03745	22.41856	79.26165	80.04047	60.12267	0.399723	39.47761	10.37065	29.10696	32.80809	1
1622.48	1622.48	1261.48	76.26439	44.94852	76.01659	76.7954	60.87971	0.048112	39.07218	8.929352	30.14283	32.35833	1
1622.485	1622.485	1261.485	76.9488	97.6948	76.28799	71.53249	50.68626	2.914408	46.39933	18.18998	28.20935	30.7932	1
1622.49	1622.49	1261.49	75.72158	134.4696	72.57091	71.29649	62.21216	0.556518	37.23133	15.48105	21.75027	31.01919	1
1622.495	1622.495	1261.495	82.12911	170.5203	80.73668	75.40297	33.96662	7.169874	58.8635	26.14496	32.71854	28.77773	1
1622.5	1622.5	1261.5	87.38022	142.1838	88.37144	82.93153	17.51976	14.91441	67.56583	42.23725	25.32858	29.95652	9
1622.505	1622.505	1261.505	89.81107	83.53351	89.46886	86.2356	39.81081	7.12863	53.06056	28.70391	24.35665	30.37912	9
1622.51	1622.51	1261.51	91.1917	69.17728	90.37748	88.66645	45.67292	4.826802	49.50028	21.92748	27.5728	30.93298	9

1622.515	1622.515	1261.515	89.42166	75.84715	88.07643	87.74603	49.80258	2.566577	47.63085	28.71739	18.91346	31.06495	9
1622.52	1622.52	1261.52	89.77567	88.26786	87.91123	84.59536	50.49496	1.544421	47.96062	14.43605	33.52457	31.60286	9
1622.525	1622.525	1261.525	89.39806	81.34735	87.51002	85.56298	52.70003	0.924062	46.37591	26.04158	20.33433	31.74897	9
1622.53	1622.53	1261.53	86.448	70.68113	84.71336	83.65134	56.80643	0.218015	42.97555	22.24817	20.72739	32.19125	1
1622.535	1622.535	1261.535	84.52456	75.40156	82.74272	81.6807	57.79946	0.084742	42.1158	17.56004	24.55576	32.13972	1
1622.54	1622.54	1261.54	82.36512	53.94379	80.97269	80.22927	61.96102	0	38.03898	21.79399	16.24499	32.17359	1
1622.545	1622.545	1261.545	79.40326	53.65138	79.14365	79.87526	55.97731	1.459253	42.56343	22.45336	20.11007	31.52601	1
1622.55	1622.55	1261.55	76.99601	38.26472	77.35001	77.38541	57.16005	1.085109	41.75484	15.69609	26.05875	32.01825	1
1622.555	1622.555	1261.555	74.91916	47.07898	75.06077	75.03717	58.58383	0.620709	40.79546	26.10235	14.69311	31.97789	1
1622.56	1622.56	1261.56	77.37361	53.19187	77.37361	76.5948	55.94384	1.43171	42.62445	21.72202	20.90243	31.69715	1
1622.565	1622.565	1261.565	78.71884	54.54255	78.38843	77.10221	56.94002	1.159028	41.90095	13.84916	28.05179	31.99908	1
1622.57	1622.57	1261.57	79.01385	42.69274	79.09645	79.04925	56.33545	1.419716	42.24483	12.92834	29.31649	31.91259	1
1622.575	1622.575	1261.575	78.41203	53.21972	78.57724	78.93125	53.70143	2.128878	44.16969	20.31673	23.85296	31.206	1
1622.58	1622.58	1261.58	79.92247	48.61068	79.74546	80.61868	56.07932	1.476508	42.44417	14.92547	27.5187	31.63814	1
1622.585	1622.585	1261.585	80.84288	42.65097	80.47708	81.26769	58.13802	0.879133	40.98285	21.70587	19.27698	32.16345	1
1622.59	1622.59	1261.59	81.6807	45.96501	81.7751	82.16451	52.99861	2.605485	44.39591	18.26762	26.12829	31.385	1
1622.595	1622.595	1261.595	82.05831	32.55565	81.30309	79.79266	62.48081	0	37.51919	8.056962	29.46223	33.02106	1
1622.6	1622.6	1261.6	84.41836	28.5593	83.76934	83.74574	60.45361	0.239462	39.30692	12.64646	26.66046	33.19763	1
1622.605	1622.605	1261.605	84.08795	30.84293	83.40354	83.04953	60.47931	0.184924	39.33577	26.95118	12.38459	33.20867	1
1622.61	1622.61	1261.61	84.31216	37.84699	83.76934	82.71912	57.48063	1.153449	41.36592	13.00055	28.36537	32.6592	1
1622.615	1622.615	1261.615	84.37116	39.85213	83.84015	83.76934	56.84966	1.344113	41.80623	27.74312	14.06311	32.3357	1
1622.62	1622.62	1261.62	83.10853	34.49117	82.61292	81.7043	59.03427	0.67616	40.28957	21.69812	18.59145	32.9102	1
1622.625	1622.625	1261.625	82.96693	38.75208	82.50672	81.6335	57.85904	1.01946	41.1215	26.63884	14.48266	32.60598	1
1622.63	1622.63	1261.63	85.65738	59.17943	84.71336	84.53636	54.18993	1.766996	44.04307	21.1246	22.91847	31.6827	1
1622.635	1622.635	1261.635	89.23286	87.34884	87.35662	85.59838	51.3082	1.343628	47.34817	17.38742	29.96075	31.40247	1
1622.64	1622.64	1261.64	87.30942	77.30923	85.48038	83.61594	55.14154	0.505231	44.35322	13.04612	31.30711	32.0186	1
1622.645	1622.645	1261.645	86.86101	66.47591	85.63378	84.08795	53.5117	1.67022	44.81808	31.87162	12.94646	31.8008	1
1622.65	1622.65	1261.65	86.3182	38.97488	85.66918	85.05557	56.18519	1.571475	42.24333	14.50465	27.73868	32.43767	1
1622.655	1622.655	1261.655	86.4008	27.7099	85.77539	85.86979	58.65242	0.918712	40.42887	20.44187	19.987	32.93758	1
1622.66	1622.66	1261.66	86.69581	39.54579	86.08219	85.89339	55.42528	1.86244	42.71228	22.79147	19.92082	32.23558	1
1622.665	1622.665	1261.665	86.89641	53.40074	86.5424	84.87857	49.87588	3.76667	46.35745	33.75542	12.60203	31.44555	1
1622.67	1622.67	1261.67	89.07945	51.3956	88.14723	86.77841	52.83387	2.363221	44.80291	29.97826	14.82465	31.99444	1
1622.675	1622.675	1261.675	87.53362	44.94852	86.83741	86.18839	53.98719	2.242873	43.76994	19.72938	24.04056	32.04484	1
1622.68	1622.68	1261.68	85.42138	57.8566	84.06435	81.89311	57.928	0.328551	41.74345	11.41084	30.33261	32.71413	1
1622.685	1622.685	1261.685	84.58356	89.60462	83.10853	82.23531	51.93029	1.943608	46.1261	28.56916	17.55694	30.91905	1
1622.69	1622.69	1261.69	85.84619	110.9092	84.40656	80.01687	45.33861	3.745997	50.9154	26.59699	24.3184	30.52067	1
1622.695	1622.695	1261.695	81.7515	139.5242	80.07587	78.30583	44.00992	4.291693	51.69838	22.35345	29.34493	29.11835	1
1622.7	1622.7	1261.7	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1623	1623	1262	82.41232	47.95623	81.84591	80.86649	56.96495	1.172942	41.86211	15.77505	26.08706	32.27711	1
1623.005	1623.005	1262.005	88.01743	65.2227	87.42742	87.09701	47.81266	4.17271	48.01463	20.11087	27.90376	30.82171	1
1623.01	1623.01	1262.01	88.87885	70.89	88.17084	86.15299	46.56319	4.45097	48.98584	24.53917	24.44666	30.95211	1
1623.015	1623.015	1262.015	87.16781	50.68544	86.4952	84.99657	52.75249	2.581251	44.66626	30.31884	14.34742	31.89825	1
1623.02	1623.02	1262.02	85.56298	74.1762	85.10277	81.3621	46.89804	4.298163	48.8038	18.44207	30.36173	31.08885	1
1623.025	1623.025	1262.025	88.25344	83.82593	87.14421	82.32972	47.11744	3.636499	49.24606	16.63829	32.60777	31.34413	8
1623.03	1623.03	1262.03	88.85525	93.23894	88.90245	83.99355	35.32354	8.849174	55.82729	28.77685	27.05044	30.23904	8
1623.035	1623.035	1262.035	87.79323	84.28544	87.95843	88.18264	37.55283	8.137875	54.3093	32.5744	21.7349	29.48448	8
1623.04	1623.04	1262.04	87.71063	62.98084	88.56024	88.79625	37.48033	9.243671	53.276	25.69105	27.58495	29.7191	8
1623.045	1623.045	1262.045	88.38324	67.6595	88.90245	92.15932	38.28994	8.700851	53.00921	19.83989	33.16932	29.17722	8
1623.05	1623.05	1262.05	89.85827	64.01126	89.52786	88.32424	44.40032	5.880906	49.71877	35.66487	14.05391	30.66216	8
1623.055	1623.055	1262.055	90.27128	60.76683	90.22408	90.87309	42.61066	7.036372	50.35297	33.14192	17.21105	30.1669	8
1623.06	1623.06	1262.06	89.82287	52.983	89.59866	90.41288	46.27866	5.548539	48.1728	30.42444	17.74836	30.63065	8
1623.065	1623.065	1262.065	89.07945	41.18889	89.11485	89.28006	47.80484	5.408132	46.78703	19.12535	27.66168	31.04909	8
1623.07	1623.07	1262.07	90.33028	56.07425	90.12968	90.97929	44.88086	6.111523	49.00762	33.54442	15.4632	30.43722	8
1623.075	1623.075	1262.075	90.03527	35.77223	89.75207	89.05585	50.70551	4.25215	45.04234	20.57239	24.46995	31.73286	8
1623.08	1623.08	1262.08	88.40684	37.90269	87.79323	88.48944	54.24875	2.394004	43.35724	15.85213	27.50511	31.97343	8
1623.085	1623.085	1262.085	87.49822	36.56593	86.90821	86.566	55.22528	2.039256	42.73547	18.52422	24.21125	32.30719	8
1623.09	1623.09	1262.09	86.389	39.00273	85.66918	84.92577	56.66203	1.361972	41.976	15.60381	26.37219	32.54901	8
1623.095	1623.095	1262.095	86.15299	27.90484	85.84619	85.50398	56.36402	1.906137	41.72984	14.85901	26.87083	32.56029	8
1623.1	1623.1	1262.1	85.94059	30.64798	86.08219	86.4952	52.42042	3.512735	44.06684	14.88473	29.18212	31.7009	2
1623.105	1623.105	1262.105	86.2238	31.35814	85.88159	85.40958	55.73754	2.048532	42.21392	24.50718	17.70674	32.42645	2
1623.11	1623.11	1262.11	87.14421	43.65353	86.20019	83.65134	56.57932	1.164479	42.2562	23.89997	18.35623	32.84933	2
1623.115	1623.115	1262.115	88.54844	52.84375	88.80805	87.07341	43.7353	6.784269	49.48043	18.48943	30.991	30.75528	2
1623.12	1623.12	1262.12	88.08823	51.9665	88.61924	88.20624	42.2676	7.5094	50.223	22.11727	28.10573	30.35742	2
1623.125	1623.125	1262.125	87.04981	47.69166	86.88461	85.52758	49.65312	4.108585	46.2383	23.33605	22.90225	31.43404	2
1623.13	1623.13	1262.13	86.75481	57.39709	85.59838	83.02593	55.25777	1.264282	43.47795	18.95162	24.52634	32.40083	2
1623.135	1623.135	1262.135	88.18264	77.25353	86.4598	81.4565	53.5286	1.014802	45.4566	30.55078	14.90583	32.39329	2
1623.14	1623.14	1262.14	88.39504	137.6444	86.4716	79.24985	40.27328	4.433464	55.29326	32.48983	22.80344	30.41973	8
1623.145	1623.145	1262.145	91.0737	219.1728	87.14421	84.66616	33.62587	2.828636	63.5455	31.25643	32.28906	28.44923	8
1623.15	1623.15	1262.15	90.97929	168.543	87.04981	84.25315	45.96511	0	54.03489	25.34686	28.68803	29.26382	8
1623.155	1623.155	1262.155	89.52786	133.8012	87.00261	84.44196	44.82517	2.184168	52.99066	25.01526	27.9754	30.13891	8
1623.16	1623.16	1262.16	91.05009	79.16119	88.15904	86.6368	59.48261	0	40.51739	22.72085	17.79654	29.25701	8
1623.165	1623.165	1262.165	91.67551	118.5538	89.36266	86.2828	44.89308	2.13121	52.97571	17.78276	35.19295	30.64037	8
1623.17	1623.17	1262.17	90.41288	107.5673	88.79625	86.4008	43.31776	3.92136	52.76088	28.61955	24.14133	30.33766	8

1623.175	1623.175	1262.175	91.1917	108.7927	89.88187	88.15904	39.92697	5.439714	54.63332	31.24438	23.38894	29.93193	8
1623.18	1623.18	1262.18	91.97051	73.47997	90.43648	88.70185	49.49372	2.346048	48.16023	23.16851	24.99173	31.48858	8
1623.185	1623.185	1262.185	89.78747	53.87417	88.71365	87.51002	52.6801	2.228376	45.09152	19.71811	25.37341	31.95029	8
1623.19	1623.19	1262.19	88.27704	48.77778	87.78143	87.34482	50.82188	3.512466	45.66565	21.05497	24.61068	31.47979	8
1623.195	1623.195	1262.195	86.2238	49.26514	85.90519	85.38598	51.22115	3.336667	45.44219	18.89794	26.54425	31.44784	8
1623.2	1623.2	1262.2	86.3772	45.24094	85.79899	85.56298	54.06581	2.251634	43.68255	30.55074	13.13181	31.90908	8
1623.205	1623.205	1262.205	86.04679	77.61557	84.22955	84.04075	56.13757	0.361346	43.50108	24.63351	18.86757	31.767	8
1623.21	1623.21	1262.21	85.92879	63.84416	84.48916	83.02593	56.65236	0.586735	42.76091	21.04657	21.71434	32.29112	8
1623.215	1623.215	1262.215	85.85799	82.71196	83.65134	82.16451	58.09586	0	41.90414	25.12878	16.77536	31.56573	8
1623.22	1623.22	1262.22	85.31518	70.13807	83.69854	81.5391	57.06553	0.346283	42.58818	10.20364	32.38454	32.3509	8
1623.225	1623.225	1262.225	83.89915	61.40736	83.04953	81.5155	54.53674	1.706482	43.75678	24.36656	19.39023	31.83811	8
1623.23	1623.23	1262.23	82.16451	42.58134	83.00233	85.29158	47.61088	4.685854	47.70327	25.03866	22.66461	30.39893	8
1623.235	1623.235	1262.235	81.6453	42.20538	82.32972	82.71912	49.36841	3.975448	46.65614	16.39639	30.25975	30.94859	8
1623.24	1623.24	1262.24	83.03773	33.08478	83.07313	83.43894	55.32442	2.090144	42.58544	24.4976	18.08784	32.02371	8
1623.245	1623.245	1262.245	84.45376	40.39518	83.79295	83.19113	57.64821	1.013808	41.33798	16.50447	24.83351	32.57059	8
1623.25	1623.25	1262.25	85.71638	56.47807	84.41836	83.30914	57.53294	0.48537	41.98169	11.34639	30.63529	32.48136	8
1623.255	1623.255	1262.255	83.74574	43.69531	83.48614	83.61594	54.39159	2.202874	43.40553	15.14283	28.2627	31.77924	8
1623.26	1623.26	1262.26	85.33878	47.66381	84.22955	83.55694	58.55016	0.384837	41.065	28.87011	12.19489	32.69959	8
1623.265	1623.265	1262.265	86.6132	57.38316	85.29158	83.14393	56.67174	0.683676	42.64459	23.57165	19.07294	32.56542	8
1623.27	1623.27	1262.27	86.96721	55.67044	86.08219	84.12335	53.37681	2.120951	44.50224	26.04628	18.45596	32.00447	8
1623.275	1623.275	1262.275	86.11759	79.49538	84.41836	82.10551	54.703	0.867049	44.42995	19.53356	24.89638	31.88947	8
1623.28	1623.28	1262.28	85.77539	87.23745	84.15875	82.10551	52.50409	1.584568	45.91134	31.73546	14.17589	31.34676	8
1623.285	1623.285	1262.285	85.35058	41.89904	84.92577	84.40656	54.63017	2.155821	43.21401	24.00595	19.20806	32.04788	8
1623.29	1623.29	1262.29	85.11457	42.99908	84.64256	82.63652	54.94689	1.994743	43.05837	30.9076	12.15076	32.34736	8
1623.295	1623.295	1262.295	84.37116	46.39668	84.47736	85.06737	50.32747	3.751944	45.92058	21.18073	24.73985	31.07228	8
1623.3	1623.3	1262.3	83.81655	33.11263	83.50974	83.48614	57.25327	1.373121	41.37361	22.2412	19.13241	32.46894	8
1623.305	1623.305	1262.305	83.30914	36.30136	84.22955	85.48038	47.43742	5.095092	47.46749	22.89811	24.56938	30.69877	8
1623.31	1623.31	1262.31	83.76934	33.30758	84.66616	85.50398	47.92143	5.066063	47.01251	28.81507	18.19744	30.88856	8
1623.315	1623.315	1262.315	83.23833	42.80414	83.69854	84.31216	49.49551	4.092742	46.41175	27.82186	18.58989	30.96805	8
1623.32	1623.32	1262.32	83.91095	29.21375	83.84015	83.87555	56.28091	1.856144	41.86295	27.32059	14.54236	32.34891	8
1623.325	1623.325	1262.325	84.31216	35.73045	83.74574	82.64832	58.17574	0.939215	40.88505	22.81417	18.07088	32.8241	8
1623.33	1623.33	1262.33	85.70458	39.28122	84.84317	84.38296	58.32171	0.700684	40.9776	22.92642	18.05119	32.76383	8
1623.335	1623.335	1262.335	83.81655	29.42262	84.22955	85.22077	52.56769	3.313133	44.11918	23.74215	20.37703	31.55554	8
1623.34	1623.34	1262.34	86.83741	38.27865	86.271	86.3182	55.23584	1.989677	42.77448	19.3415	23.43298	32.17703	8
1623.345	1623.345	1262.345	85.76359	34.01773	85.73999	85.36238	53.04811	3.103061	43.84882	20.47298	23.37585	31.89166	8
1623.35	1623.35	1262.35	85.73999	51.24243	85.12637	83.99355	53.47404	2.316283	44.20967	25.86444	18.34524	31.85618	8
1623.355	1623.355	1262.355	84.26496	73.50782	83.04953	80.71308	54.10689	1.548362	44.34475	25.85688	18.48787	31.74693	8
1623.36	1623.36	1262.36	84.00535	64.38722	82.58932	80.57148	58.1076	0.29848	41.59392	12.80988	28.78404	32.50409	8
1623.365	1623.365	1262.365	83.49794	59.62502	82.28251	79.59206	58.17218	0.438704	41.38911	24.99812	16.39099	32.68138	8
1623.37	1623.37	1262.37	82.58932	43.61176	82.35332	82.44772	55.29282	1.856217	42.85097	19.43343	23.41754	31.87432	8
1623.375	1623.375	1262.375	82.10551	38.94703	81.5863	80.98449	59.06163	0.602359	40.33601	22.37744	17.95857	32.72007	8
1623.38	1623.38	1262.38	81.12609	36.13427	80.68948	80.76028	60.00322	0.340843	39.65593	22.05181	17.60413	32.76747	2
1623.385	1623.385	1262.385	80.79568	36.7191	80.04047	79.53306	62.63487	0	37.36513	17.3524	20.01273	32.64537	2
1623.39	1623.39	1262.39	81.32669	45.7283	81.05529	81.25589	56.21659	1.482577	42.30084	26.32397	15.97686	31.90516	2
1623.395	1623.395	1262.395	82.19991	57.38316	81.7043	81.86951	54.33033	1.939427	43.73024	20.78023	22.95001	31.45406	2
1623.4	1623.4	1262.4	80.73668	60.50227	79.75726	76.33519	58.67121	0.509577	40.81921	21.68691	19.1323	32.69952	2
1623.405	1623.405	1262.405	80.15847	54.55647	78.63624	76.9252	64.84883	0	35.15117	6.036211	29.11496	31.87741	2
1623.41	1623.41	1262.41	79.30885	64.06696	77.97543	78.83684	61.86571	0	38.13429	7.851453	30.28283	31.83854	2
1623.415	1623.415	1262.415	79.82806	92.50093	77.68042	77.35001	60.8172	0	39.1828	21.33213	17.85067	31.55173	2
1623.42	1623.42	1262.42	80.98449	94.64532	79.07285	77.58602	57.40531	0.586248	42.00844	12.76466	29.24378	31.50439	2
1623.425	1623.425	1262.425	82.25891	123.2185	79.46226	73.92794	56.17701	0.45199	43.371	24.77107	18.59993	31.63231	2
1623.43	1623.43	1262.43	84.46556	151.2209	81.17329	73.79814	51.21131	1.024339	47.76435	25.57577	22.18858	30.97257	9
1623.435	1623.435	1262.435	85.90519	170.395	81.5627	76.35879	53.38593	0	46.61407	12.43103	34.18304	29.77075	9
1623.44	1623.44	1262.44	86.6604	171.0912	84.78417	76.8544	33.4092	6.580135	60.01066	30.80024	29.21042	29.59415	9
1623.445	1623.445	1262.445	85.45678	182.2727	83.43894	76.18179	32.90805	6.734887	60.35706	34.48121	25.87585	29.18528	9
1623.45	1623.45	1262.45	86.3418	243.1927	84.60716	80.50068	15.15635	11.84429	72.99936	57.78438	15.21498	28.53745	9
1623.455	1623.455	1262.455	90.92029	229.8111	93.50454	97.11542	0	30.94634	69.05366	69.05366	0	-9999	9
1623.46	1623.46	1262.46	96.195	171.1608	98.27184	100.0301	0	30.84848	69.15152	69.15152	0	-9999	9
1623.465	1623.465	1262.465	98.27184	116.4373	99.21586	100.8561	14.09593	22.50697	63.3971	47.15326	16.24384	28.84336	9
1623.47	1623.47	1262.47	99.09786	94.84026	99.03886	101.8591	26.33588	15.32591	58.3382	43.29395	15.04425	28.61141	9
1623.475	1623.475	1262.475	97.41043	104.2672	96.86761	98.31904	29.35653	11.74052	58.90294	34.55467	24.34828	28.98445	9
1623.48	1623.48	1262.48	96.1478	113.6663	95.64039	96.2068	27.96921	11.79158	60.23921	40.95603	19.28318	29.02553	9
1623.485	1623.485	1262.485	93.30394	95.67574	93.09154	93.66975	32.65298	10.38309	56.96393	38.54358	18.42034	29.20839	9
1623.49	1623.49	1262.49	92.72573	64.79104	92.07672	91.2153	44.04275	5.935186	50.02206	27.38904	22.63302	30.6758	9
1623.495	1623.495	1262.495	89.78747	73.00653	89.49246	86.95541	42.01424	6.59678	51.38898	22.94931	28.43966	30.55168	9
1623.5	1623.5	1262.5	88.50124	56.50591	88.48944	87.38022	44.99588	5.958122	49.046	20.02507	29.02093	30.73646	8
1623.505	1623.505	1262.505	86.92001	48.74993	86.507	85.53938	51.43692	3.257361	45.30571	28.01778	17.28793	31.60154	8
1623.51	1623.51	1262.51	85.46858	58.98449	85.04377	84.83137	50.38693	3.35245	46.26062	14.50961	31.75101	31.09359	8
1623.515	1623.515	1262.515	84.71336	52.57919	84.51276	84.15875	50.89422	3.347106	45.75867	21.72435	24.03432	31.24708	8
1623.52	1623.52	1262.52	86.75481	70.65328	85.40958	84.06435	53.513	1.536028	44.95097	16.32329	28.62769	31.69018	8
1623.525	1623.525	1262.525	86.2828	70.86215	85.38598	85.10277	50.42153	2.893599	46.68487	17.89036	28.79451	30.98878	8
1623.53	1623.53	1262.53	87.62802	65.76576	86.3064	84.68976	53.70952	1.49988	44.7906	17.53347	27.25713	31.90344	8
1623.535	1623.535	1262.535	85.75179	60.65544	84.83137	83.84015	53.56299	1.969197	44.46781	17.60942	26.85839	31.70735	8

1623.54	1623.54	1262.54	83.04953	60.2934	81.7633	80.07587	58.97168	0.191827	40.83649	20.04589	20.7906	32.59992	8
1623.545	1623.545	1262.545	82.30611	65.48726	81.00809	78.62444	58.49016	0.360897	41.14894	12.31763	28.83131	32.49502	8
1623.55	1623.55	1262.55	81.04349	62.59095	79.30885	76.42959	63.73641	0	36.26359	6.001497	30.2621	31.99368	8
1623.555	1623.555	1262.555	80.94909	47.05113	80.27647	79.75726	59.35322	0.422504	40.22427	22.93481	17.28946	32.54596	8
1623.56	1623.56	1262.56	81.7869	35.57728	81.7987	82.18811	56.05489	1.717308	42.2278	16.57047	25.65732	32.03995	8
1623.565	1623.565	1262.565	81.8223	50.44873	81.95211	81.27949	51.50892	3.059171	45.43191	16.65963	28.77228	31.29097	8
1623.57	1623.57	1262.57	84.38296	94.82634	83.29734	80.52428	47.83328	3.396858	48.76986	17.64059	31.12927	30.63054	8
1623.575	1623.575	1262.575	82.89613	147.9486	80.06407	77.89282	49.88046	2.03655	48.08299	17.47277	30.61022	29.72879	8
1623.58	1623.58	1262.58	82.95513	150.5525	80.51248	79.26165	46.17812	3.203983	50.61789	20.06939	30.54851	29.11469	8
1623.585	1623.585	1262.585	83.74574	121.5894	81.29129	78.67164	52.55128	1.259423	46.1893	26.41099	19.77831	30.71664	8
1623.59	1623.59	1262.59	84.72516	104.9356	83.09673	81.10249	49.2788	2.555582	48.16562	22.44064	25.72498	30.52632	8
1623.595	1623.595	1262.595	84.93757	101.6215	82.97873	80.94909	52.44604	1.399979	46.15398	15.82237	30.33161	31.03611	8
1623.6	1623.6	1262.6	85.79899	116.6601	83.88735	81.6335	47.6484	2.670391	49.68121	29.80723	19.87398	30.28183	8
1623.605	1623.605	1262.605	80.94909	101.7608	79.53306	77.60962	51.87496	2.261109	45.86393	15.60292	30.26101	30.60958	8
1623.61	1623.61	1262.61	80.48888	81.09671	79.43866	78.12883	54.46405	1.672377	43.86358	28.87316	14.99041	31.21363	8
1623.615	1623.615	1262.615	79.01385	81.06886	77.60962	77.26741	58.57137	0.577777	40.85085	27.24734	13.60351	31.59534	8
1623.62	1623.62	1262.62	76.9488	71.64192	75.92218	74.64776	59.82607	0.401316	39.77262	16.01958	23.75304	32.0284	8
1623.625	1623.625	1262.625	76.13459	75.22054	74.96636	74.17575	60.80654	0.22375	38.96971	20.2028	18.7669	31.98357	8
1623.63	1623.63	1262.63	78.41203	69.3583	77.46802	77.75122	58.39237	0.699819	40.90781	16.13007	24.77774	31.63654	8
1623.635	1623.635	1262.635	76.12279	50.78292	76.28799	76.642	56.39724	1.257437	42.34532	24.64623	17.69909	31.53123	8
1623.64	1623.64	1262.64	77.57422	69.77603	76.38239	74.89556	60.98256	0.041689	38.97575	25.03712	13.93863	32.36256	8
1623.645	1623.645	1262.645	76.02839	57.55026	75.36757	74.52975	61.24803	0.010346	38.74163	22.49815	16.24347	32.43882	8
1623.65	1623.65	1262.65	75.93398	56.47807	75.20237	73.72734	62.14306	0	37.85694	12.74034	25.1166	32.43608	8
1623.655	1623.655	1262.655	75.54458	49.05627	74.60056	72.90132	65.94352	0	34.05648	20.58465	13.47182	32.02185	8
1623.66	1623.66	1262.66	78.36483	61.64408	77.97543	78.48284	56.0044	1.408459	42.58714	17.21573	25.37141	31.34919	8
1623.665	1623.665	1262.665	76.9606	34.53294	77.30281	78.32943	58.18717	0.795866	41.01697	14.70405	26.31291	32.0698	8
1623.67	1623.67	1262.67	77.07861	27.48711	77.25561	78.45924	61.06402	0	38.93598	8.87842	30.05756	32.6975	2
1623.675	1623.675	1262.675	75.00176	28.07194	75.67438	77.86922	58.99221	0.41808	40.58971	11.2236	29.36611	32.03058	2
1623.68	1623.68	1262.68	74.80116	26.26174	75.29677	76.01659	60.98661	0	39.01339	14.23395	24.77944	32.51976	2
1623.685	1623.685	1262.685	74.28195	46.45237	75.16697	75.35577	53.56024	1.843975	44.59578	19.68745	24.90833	31.15005	2
1623.69	1623.69	1262.69	70.81268	57.55026	72.18151	72.91312	50.31676	2.33505	47.3482	21.05671	26.29149	30.26573	2
1623.695	1623.695	1262.695	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1624.04	1624.04	1263.04	103.2633	25.69084	102.8857	104.0658	41.707	12.04978	46.24322	27.23121	19.01201	30.25823	2
1624.045	1624.045	1263.045	101.5995	43.50036	100.5139	99.73507	44.41493	6.752591	48.83247	28.72059	20.11188	31.19308	2
1624.05	1624.05	1263.05	99.22766	68.10508	97.33962	95.62859	46.86142	2.209323	50.92926	23.04982	27.87943	31.6891	2
1624.055	1624.055	1263.055	102.6143	75.93069	101.3045	100.1717	37.37075	7.917252	54.712	24.50746	30.20454	30.39443	2
1624.06	1624.06	1263.06	105.8476	73.82808	105.5998	105.3756	26.6743	18.99152	54.33418	37.95127	16.38291	29.01489	2
1624.065	1624.065	1263.065	97.74083	86.54122	95.9826	93.11514	42.76179	3.772652	53.46556	37.36638	16.09917	31.10463	2
1624.07	1624.07	1263.07	96.1596	92.52878	93.48094	92.00591	49.90078	0	50.09922	18.44891	31.65031	30.51724	2
1624.075	1624.075	1263.075	95.54599	68.81524	94.02376	91.72271	47.2417	3.145122	49.61318	32.68469	16.9285	31.54406	2
1624.08	1624.08	1263.08	94.21256	57.82875	93.37474	90.41288	45.82297	5.2753	48.90173	24.47948	24.42225	31.42013	8
1624.085	1624.085	1263.085	93.76415	50.83861	93.71695	93.69335	41.79984	8.452778	49.74738	23.27209	26.47529	30.36538	8
1624.09	1624.09	1263.09	95.68759	70.95962	94.33056	93.12694	45.31216	4.180167	50.50768	16.017	34.49068	31.04769	8
1624.095	1624.095	1263.095	99.34567	116.7715	98.04764	92.27732	30.403	9.119717	60.47728	35.03888	25.4384	30.4786	8
1624.1	1624.1	1263.1	96.91482	93.05792	95.82919	91.05009	36.73193	7.630196	55.63788	37.28408	18.3538	30.67182	8
1624.105	1624.105	1263.105	95.80559	107.9433	94.54297	89.07945	35.52193	7.208661	57.26941	30.02178	27.24762	30.57322	8
1624.11	1624.11	1263.11	95.33358	70.22162	95.33358	93.26854	35.29947	11.07841	53.62212	26.63782	26.98429	30.0378	8
1624.115	1624.115	1263.115	96.89121	77.86621	96.49001	94.94417	35.12582	10.43943	54.43474	21.37745	33.05729	29.9498	8
1624.12	1624.12	1263.12	96.018	78.72953	94.87337	94.64917	41.48173	5.941578	52.57669	25.82335	26.75335	30.34012	8
1624.125	1624.125	1263.125	93.37474	78.36749	91.3097	89.77567	51.13438	0.693835	48.17178	21.02901	27.14277	31.79128	8
1624.13	1624.13	1263.13	92.08852	76.78009	90.90849	89.31546	45.84297	4.117868	50.03916	34.60014	15.43903	30.90674	8
1624.135	1624.135	1263.135	88.86705	68.16078	88.02923	85.05557	48.24049	3.774657	47.98485	28.39113	19.59372	31.36962	8
1624.14	1624.14	1263.14	89.90547	99.36575	88.41864	87.46282	44.76339	3.74494	51.49167	19.70972	31.78194	30.27351	8
1624.145	1624.145	1263.145	89.11485	76.11171	87.84043	87.46282	49.4721	2.763646	47.76425	25.58794	22.17631	30.98592	8
1624.15	1624.15	1263.15	88.94965	61.43521	87.95843	87.43922	50.98096	2.775849	46.24319	33.26413	12.97906	31.39976	8
1624.155	1624.155	1263.155	89.22106	61.61623	88.41864	87.85223	49.22423	3.596038	47.17973	25.10974	22.06999	31.15917	8
1624.16	1624.16	1263.16	89.22106	50.99178	88.14723	87.09701	53.89874	1.849748	44.25152	23.01589	21.23562	32.11961	8
1624.165	1624.165	1263.165	89.28006	41.4813	88.59564	85.84619	53.12808	2.712064	44.15986	28.57041	15.58945	32.41016	8
1624.17	1624.17	1263.17	87.69883	35.24309	87.06161	87.02621	55.72665	1.85771	42.41564	18.23913	24.1765	32.35995	2
1624.175	1624.175	1263.175	88.24164	50.78292	87.06161	85.89339	55.67342	1.149557	43.17703	26.10638	17.07064	32.39713	2
1624.18	1624.18	1263.18	86.4008	36.80264	85.50398	84.43016	58.55537	0.630742	40.81389	15.05881	25.75508	32.99432	2
1624.185	1624.185	1263.185	85.04377	24.52117	85.22077	84.73696	54.45383	2.800129	42.74604	30.84234	11.9037	32.23969	2
1624.19	1624.19	1263.19	84.96117	46.70302	84.53636	84.27676	53.82586	2.338797	43.83534	20.19584	23.6395	31.76816	2
1624.195	1624.195	1263.195	84.22955	48.19295	83.84015	83.89915	53.86403	2.288636	43.84733	15.98539	27.86194	31.65425	2
1624.2	1624.2	1263.2	82.77812	62.43778	82.40052	82.44772	51.66064	2.790998	45.54836	24.7015	20.84686	31.02099	2
1624.205	1624.205	1263.205	83.55694	64.13658	83.20293	83.48614	50.35012	3.236186	46.4137	32.08253	14.33116	30.8124	2
1624.21	1624.21	1263.21	83.45074	79.92705	83.23833	82.56572	45.52911	4.681226	49.78966	28.95942	20.83024	30.16816	2
1624.215	1624.215	1263.215	83.67494	76.11171	82.40052	80.77208	54.47682	1.423832	44.09935	30.93005	13.1693	31.58266	2
1624.22	1624.22	1263.22	84.27676	57.94015	83.21473	82.28251	56.67454	0.949997	42.37546	19.29255	23.08292	32.16042	8
1624.225	1624.225	1263.225	85.04377	43.66746	84.22955	82.87253	57.50239	0.946125	41.55149	29.61746	11.93403	32.65993	8
1624.23	1624.23	1263.23	84.96117	47.05113	84.97297	84.71336	50.3579	3.750131	45.89197	31.12948	14.76249	31.2402	8
1624.235	1624.235	1263.235	85.58658	52.59311	85.94059	87.53362	45.78926	5.540944	48.6698	30.29692	18.37288	30.27002	8
1624.24	1624.24	1263.24	85.29158	53.73492	84.97297	85.42138	50.9971	3.273533	45.72937	24.91159	20.81778	31.11853	8

1624.245	1624.245	1263.245	83.34454	47.19038	82.69552	83.53334	56.93281	1.167114	41.90008	22.0432	19.85688	31.99282	8
1624.25	1624.25	1263.25	83.00233	49.29299	82.42412	81.7751	56.1901	1.407502	42.4024	26.64433	15.75807	32.08333	8
1624.255	1624.255	1263.255	81.92851	57.20214	81.05529	80.84288	57.55029	0.838391	41.61131	23.02652	18.58479	32.03805	2
1624.26	1624.26	1263.26	82.18811	60.55797	81.26769	80.01687	56.86516	1.003759	42.13109	27.17038	14.96071	32.06889	2
1624.265	1624.265	1263.265	81.91671	47.71951	81.31489	80.08767	57.75255	0.916848	41.3306	29.14429	12.18631	32.4255	2
1624.27	1624.27	1263.27	82.32972	39.14197	82.01111	81.90491	57.25351	1.235985	41.51051	13.80495	27.70556	32.29953	2
1624.275	1624.275	1263.275	81.7161	40.13062	81.33849	81.6807	58.03604	0.945158	41.01881	26.00349	15.01532	32.30626	2
1624.28	1624.28	1263.28	84.44196	48.13725	84.47736	85.07917	50.38983	3.677658	45.93251	27.77347	18.15904	31.04711	2
1624.285	1624.285	1263.285	85.19717	47.45494	84.99657	85.62198	51.68919	3.192158	45.11866	28.10964	17.00902	31.27293	2
1624.29	1624.29	1263.29	83.16753	39.36477	83.34454	84.54816	52.58782	2.983177	44.429	16.15849	28.27052	31.33242	2
1624.295	1624.295	1263.295	82.99053	32.86199	82.83713	82.63652	56.88499	1.508736	41.60628	29.05018	12.5561	32.38911	2
1624.3	1624.3	1263.3	84.13515	42.67881	83.33274	83.08493	58.48611	0.647892	40.86599	26.2413	14.62469	32.59822	2
1624.305	1624.305	1263.305	85.02017	57.84267	83.85195	83.26193	56.83725	0.810712	42.35204	30.02589	12.32615	32.17826	2
1624.31	1624.31	1263.31	83.95815	40.33949	83.60414	83.69854	55.7399	1.769838	42.49026	12.19791	30.29235	32.06506	2
1624.315	1624.315	1263.315	86.2238	47.9423	85.83439	87.28582	52.08998	3.009421	44.9006	25.16504	19.73556	31.22402	2
1624.32	1624.32	1263.32	85.13817	39.30907	84.85497	85.52758	54.35493	2.354354	43.29071	29.35063	13.94009	31.79947	2
1624.325	1624.325	1263.325	83.52154	57.13252	83.33274	85.31518	50.79734	3.238262	45.96439	18.77418	27.19021	30.66736	2
1624.33	1624.33	1263.33	81.12609	56.03248	81.7397	84.00535	47.04864	4.480995	48.47037	17.94862	30.52174	30.07493	2
1624.335	1624.335	1263.335	81.17329	50.95001	81.3857	82.05831	51.34454	3.070019	45.58545	18.16756	27.41789	30.97582	2
1624.34	1624.34	1263.34	80.45348	38.75208	80.32367	80.83108	57.61077	1.09782	41.29141	25.61432	15.67709	32.15596	2
1624.345	1624.345	1263.345	79.99327	37.84699	79.59206	79.02565	60.35659	0.218307	39.42511	16.99136	22.43374	32.84813	2
1624.35	1624.35	1263.35	83.36814	40.60405	83.19113	84.30036	54.84691	2.100865	43.05222	14.37215	28.68008	31.6931	2
1624.355	1624.355	1263.355	83.15573	43.16617	82.43592	82.78992	58.62908	0.638508	40.73242	18.48813	22.24428	32.4453	2
1624.36	1624.36	1263.36	80.85468	45.64475	80.66588	81.31489	56.03089	1.541329	42.42778	25.95384	16.47394	31.75928	2
1624.365	1624.365	1263.365	81.4801	31.59485	81.24409	80.35907	59.22139	0.672142	40.10647	20.4278	19.67867	32.88577	2
1624.37	1624.37	1263.37	80.15847	41.11926	80.11127	79.36785	56.66915	1.370424	41.96042	17.39	24.57042	32.16744	2
1624.375	1624.375	1263.375	81.26769	54.4033	81.5627	79.41506	49.78183	3.562586	46.65559	15.62589	31.0297	31.2383	2
1624.38	1624.38	1263.38	79.46226	37.23431	79.55666	80.90189	57.15241	1.228426	41.61917	17.63367	23.98549	31.89939	2
1624.385	1624.385	1263.385	81.4565	39.07235	81.6453	79.99327	54.14128	2.312848	43.54587	22.47651	21.06936	32.02587	2
1624.39	1624.39	1263.39	84.11155	43.87633	83.76934	83.59234	54.65141	2.098528	43.25007	27.93653	15.31353	31.88433	2
1624.395	1624.395	1263.395	87.45102	62.28461	86.20019	84.25315	54.16608	1.461803	44.37211	13.32069	31.05142	32.0676	2
1624.4	1624.4	1263.4	85.96419	43.56999	85.18537	84.76057	56.40483	1.336929	42.25824	18.40906	23.84918	32.34203	2
1624.405	1624.405	1263.405	81.5391	20.05138	81.3975	81.01989	61.22902	0.165379	38.6056	16.78107	21.82453	33.38704	2
1624.41	1624.41	1263.41	80.71308	21.9312	80.71308	81.86951	60.43661	0.383106	39.18028	15.16875	24.01153	32.87181	2
1624.415	1624.415	1263.415	81.5155	30.53659	80.99629	80.20567	61.63977	0	38.36023	13.16121	25.19902	33.17029	2
1624.42	1624.42	1263.42	82.51852	39.1002	82.10551	80.38268	57.82153	1.032246	41.14622	27.44505	13.70117	32.70951	7
1624.425	1624.425	1263.425	81.5391	38.91918	81.3621	81.91671	56.93737	1.343902	41.71873	17.51883	24.19991	32.08293	7
1624.43	1624.43	1263.43	82.82533	57.28569	81.4093	79.50946	60.91179	0	39.08821	10.42417	28.66404	32.47808	7
1624.435	1624.435	1263.435	83.25013	42.77629	82.30611	80.20567	60.37417	0.005189	39.62065	14.66837	24.95227	33.24821	7
1624.44	1624.44	1263.44	86.212	53.23364	85.95239	83.28553	49.81436	3.798638	46.387	19.72094	26.66606	31.57607	7
1624.445	1624.445	1263.445	86.271	50.65759	85.33878	86.6368	55.59624	1.410225	42.99353	30.56048	12.43305	31.79681	7
1624.45	1624.45	1263.45	83.82835	59.05411	82.41232	80.53608	59.56105	0	40.43895	11.70445	28.73449	32.68449	7
1624.455	1624.455	1263.455	81.3739	45.47765	80.22927	79.27345	63.00126	0	36.99874	11.39642	25.60232	32.31655	7
1624.46	1624.46	1263.46	82.09371	32.91769	81.3503	80.30007	62.26917	0	37.73083	19.01406	18.71676	32.96201	7
1624.465	1624.465	1263.465	81.91671	36.59378	81.04349	80.27647	62.54837	0	37.45163	19.78336	17.66826	32.69476	7
1624.47	1624.47	1263.47	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1624.48	1624.48	1263.48	105.9892	39.87998	106.3432	105.8476	30.09542	22.40226	47.50231	15.84848	31.65383	28.88395	9
1624.485	1624.485	1263.485	90.87309	48.22079	91.03829	90.87309	43.447	7.443026	49.10998	31.60001	17.50997	30.52788	9
1624.49	1624.49	1263.49	90.81409	81.72332	90.89669	89.71667	36.03383	9.310863	54.6553	23.6112	31.0441	29.7517	9
1624.495	1624.495	1263.495	91.5457	160.8567	94.41316	99.48727	0	28.48506	71.51494	71.51494	0	-9999	9
1624.5	1624.5	1263.5	88.94965	166.9417	89.95267	94.07096	9.99302	17.7213	72.28568	56.95844	15.32725	28.64287	9
1624.505	1624.505	1263.505	85.82259	150.6082	85.92879	79.63926	23.77297	11.43506	64.79197	40.21438	24.57759	29.60034	9
1624.51	1624.51	1263.51	84.17055	108.556	83.99355	75.27317	37.66433	6.988916	55.34676	36.94139	18.40537	30.65222	9
1624.515	1624.515	1263.515	83.63954	59.48577	83.09673	79.34425	52.86285	2.395836	44.74131	15.34964	29.39167	31.99023	9
1624.52	1624.52	1263.52	84.92577	51.70194	84.28856	81.5273	54.29483	2.000403	43.70477	15.31937	28.3854	32.22696	9
1624.525	1624.525	1263.525	84.71336	53.90202	84.30036	81.6925	52.22023	2.772894	45.00687	26.68567	18.32121	31.8279	9
1624.53	1624.53	1263.53	82.51852	45.08777	82.36512	81.5037	54.3606	2.16393	43.47547	18.26994	25.20554	31.86195	9
1624.535	1624.535	1263.535	80.51248	34.39369	79.83986	77.89282	62.818	0	37.182	8.224321	28.95768	32.93291	9
1624.54	1624.54	1263.54	80.32367	32.68097	79.76906	78.76604	62.49166	0	37.50834	9.150579	28.35776	32.8876	9
1624.545	1624.545	1263.545	80.07587	30.1467	79.46226	79.82806	63.7902	0	36.2098	23.49504	12.71477	32.411	9
1624.55	1624.55	1263.55	79.47406	22.43249	79.15545	78.23503	63.92441	0	36.07559	7.198993	28.8766	32.82675	8
1624.555	1624.555	1263.555	80.04047	32.4721	79.60386	78.81324	61.88824	0	38.11176	9.253503	28.85826	32.98853	8
1624.56	1624.56	1263.56	80.78388	28.01624	80.37088	80.50068	62.09971	0	37.90029	23.64095	14.25934	32.94582	8
1624.565	1624.565	1263.565	79.47406	26.35922	79.20265	79.17905	62.60833	0	37.39167	19.96576	17.42591	32.8357	8
1624.57	1624.57	1263.57	81.5509	24.04774	81.5627	81.3857	59.06217	0.853242	40.08459	23.60294	16.48165	32.85701	8
1624.575	1624.575	1263.575	83.84015	37.79129	83.02593	83.04953	60.03175	0.19913	39.76912	25.60967	14.15944	32.90582	8
1624.58	1624.58	1263.58	83.63954	32.36071	83.13213	81.6453	59.15276	0.668559	40.17868	17.40552	22.77316	33.08688	8
1624.585	1624.585	1263.585	82.08191	43.84848	82.68372	86.01139	49.20926	4.050565	46.74017	32.88377	13.8564	30.36244	8
1624.59	1624.59	1263.59	83.58054	57.10467	83.74574	85.14997	48.00625	4.318672	47.67508	19.81451	27.86057	30.41733	8
1624.595	1624.595	1263.595	85.75179	46.85619	85.25618	83.79295	53.61014	2.407734	43.98213	23.71976	20.26237	31.99158	8
1624.6	1624.6	1263.6	87.60442	40.78507	87.15601	86.17659	53.00911	2.870087	44.1208	21.20388	22.91691	31.9805	8
1624.605	1624.605	1263.605	89.56326	49.94744	88.69005	87.04981	52.28196	2.662263	45.05578	21.84199	23.21379	31.98047	8
1624.61	1624.61	1263.61	90.64889	59.41615	89.24466	87.94663	53.10709	1.567088	45.32582	16.44633	28.87949	32.02962	8

1624.615	1624.615	1263.615	93.62255	59.06804	92.89093	91.76991	45.24281	5.592217	49.16498	17.28557	31.87941	30.95541	8
1624.62	1624.62	1263.62	95.68759	62.02005	94.73177	92.41892	44.36617	5.656002	49.97783	35.11605	14.86178	31.14697	8
1624.625	1624.625	1263.625	97.23342	56.42237	97.18622	95.9472	37.25685	11.29612	51.44704	31.15547	20.29157	30.12282	8
1624.63	1624.63	1263.63	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1625	1625	1264	101.5405	155.1337	98.04764	95.85279	36.11014	0	63.88986	25.56061	38.32925	28.46404	8
1625.005	1625.005	1264.005	100.9505	83.61706	98.66125	96.58441	44.63188	1.179313	54.18881	20.57567	33.61314	31.56186	8
1625.01	1625.01	1264.01	98.90906	49.55755	98.10664	97.81163	43.22947	7.416785	49.35375	30.3408	19.01295	30.78148	8
1625.015	1625.015	1264.015	97.63463	48.65246	97.25702	96.2894	41.32871	9.106849	49.56444	23.22212	26.34232	30.57968	8
1625.02	1625.02	1264.02	98.76745	46.31313	98.79105	99.18046	37.74326	12.30163	49.95511	31.21321	18.7419	29.88012	8
1625.025	1625.025	1264.025	97.06822	49.62718	97.02102	98.63765	39.05327	10.71004	50.23669	21.45745	28.77924	29.79701	8
1625.03	1625.03	1264.03	97.44583	56.43629	97.29242	97.38682	37.88113	10.82887	51.29	20.94448	30.34551	29.94619	8
1625.035	1625.035	1264.035	96.0416	68.71776	95.74659	94.43676	37.29833	9.856914	52.84476	20.33752	32.50724	30.09501	8
1625.04	1625.04	1264.04	99.00346	109.0712	97.39863	95.16838	34.95905	6.593979	58.44697	28.14785	30.29912	30.15458	8
1625.045	1625.045	1264.045	99.02706	79.81565	97.58743	95.93539	40.73685	5.621168	53.64198	30.0297	23.61229	30.70343	8
1625.05	1625.05	1264.05	98.36624	52.99692	97.42223	97.32782	43.99395	6.474736	49.53131	35.58233	13.94898	30.83971	8
1625.055	1625.055	1264.055	97.63463	67.77089	97.18622	96.85581	37.25076	9.977589	52.77166	21.74347	31.02818	29.95838	8
1625.06	1625.06	1264.06	98.35444	92.75158	96.51361	95.30998	41.33452	3.902984	54.76249	24.90426	29.85824	30.64016	8
1625.065	1625.065	1264.065	98.18924	93.65667	96.3366	92.28912	41.35893	3.850713	54.79036	30.1468	24.64356	31.15204	8
1625.07	1625.07	1264.07	97.41043	131.6011	96.077	88.25344	28.869	9.070372	62.06063	42.59258	19.46805	30.62544	8
1625.075	1625.075	1264.075	95.34538	54.94636	95.00318	90.25948	41.63733	8.224365	50.1383	34.86411	15.27419	31.23602	8
1625.08	1625.08	1264.08	94.07096	48.81955	93.12694	90.56628	48.95654	4.086631	46.95683	28.16083	18.796	31.86755	8
1625.085	1625.085	1264.085	93.17414	49.55755	92.53693	92.00591	47.22527	5.17906	47.59567	26.68459	20.91108	31.16791	8
1625.09	1625.09	1264.09	91.56931	50.83861	91.61651	90.50728	43.08749	7.521311	49.3912	32.78466	16.60654	30.65182	8
1625.095	1625.095	1264.095	94.73177	90.11983	94.00016	91.5221	36.70779	8.235973	55.05624	22.90942	32.14682	30.12806	8
1625.1	1625.1	1264.1	97.91784	95.88461	97.16262	94.60197	32.56444	10.23884	57.19672	39.52776	17.66896	29.94192	8
1625.105	1625.105	1264.105	95.80559	87.54379	95.46339	92.82013	33.32536	10.71602	55.95862	25.33304	30.62558	29.94566	8
1625.11	1625.11	1264.11	96.0534	92.16674	94.00016	89.45706	45.23915	2.172669	52.58818	34.03289	18.55529	31.57956	8
1625.115	1625.115	1264.115	95.87639	195.9466	94.10636	83.53334	18.09243	10.56971	71.33787	41.53467	29.80319	30.78654	8
1625.12	1625.12	1264.12	95.30998	146.5979	93.69335	86.89641	29.36703	7.848933	62.78403	41.46872	21.31532	30.24239	8
1625.125	1625.125	1264.125	93.77595	116.7018	92.24192	83.88735	37.37302	5.772363	56.85461	25.87919	30.97542	31.05061	8
1625.13	1625.13	1264.13	97.43403	183.6512	94.70817	87.79323	27.04249	5.053733	67.90377	31.516	36.38778	30.25052	8
1625.135	1625.135	1264.135	94.23616	47.00936	93.51635	92.33632	47.50503	5.135625	47.35934	27.74075	19.61859	31.39693	8
1625.14	1625.14	1264.14	92.11212	31.72018	91.2861	89.20926	53.9822	2.630619	43.38718	31.67014	11.71704	32.68156	8
1625.145	1625.145	1264.145	92.93813	50.39303	91.00289	89.98807	57.29991	0	42.70009	26.09874	16.60135	32.0791	8
1625.15	1625.15	1264.15	94.64917	43.05478	93.66975	92.12392	50.09401	3.779498	46.12649	13.90283	32.22366	31.93903	8
1625.155	1625.155	1264.155	96.2422	70.90392	95.81739	94.64917	37.59069	9.418025	52.99128	36.18949	16.80179	30.09877	9
1625.16	1625.16	1264.16	93.32754	75.55473	93.16234	94.22436	37.13474	9.267169	53.59809	32.72243	20.87565	29.53227	9
1625.165	1625.165	1264.165	94.05916	73.20148	92.87913	92.38352	44.89601	4.594451	50.50954	23.40281	27.10673	30.72507	9
1625.17	1625.17	1264.17	98.47245	99.49107	97.09182	95.13298	36.02838	7.071093	56.90053	29.46575	27.43478	30.16695	9
1625.175	1625.175	1264.175	101.3281	118.2196	101.6939	103.0155	15.33399	22.01695	62.64906	52.00826	10.64081	28.77931	9
1625.18	1625.18	1264.18	103.7	116.5765	103.6528	105.4464	16.75033	21.2684	61.98127	34.88987	27.0914	28.64476	9
1625.185	1625.185	1264.185	102.8857	123.3439	103.2515	104.2192	12.6609	24.14773	63.19137	47.25131	15.94006	28.88294	9
1625.19	1625.19	1264.19	101.8709	209.1749	102.1895	101.5877	0	28.40356	71.59644	71.59644	0	-9999	9
1625.195	1625.195	1264.195	100.6673	224.6034	101.6467	104.3962	0	32.95147	67.04853	67.04853	0	-9999	9
1625.2	1625.2	1264.2	99.13326	226.2465	99.02706	91.91151	0	23.91918	76.08082	76.08082	0	-9999	9
1625.205	1625.205	1264.205	98.31904	164.9087	97.95324	88.63104	12.47358	17.5079	70.01852	51.03004	18.98848	31.03034	9
1625.21	1625.21	1264.21	95.46339	200.8202	95.18018	84.66616	5.770046	18.4603	75.76966	60.73814	15.03152	-9999	9
1625.215	1625.215	1264.215	91.61651	182.4815	88.94965	87.93483	32.22041	5.039856	62.73973	32.4202	30.31953	28.61358	8
1625.22	1625.22	1264.22	86.94361	123.4135	87.67523	88.32424	24.4758	12.3987	63.1255	38.93283	24.19268	28.6708	8
1625.225	1625.225	1264.225	82.97873	50.26771	83.61594	85.48038	46.55638	5.006983	48.43663	28.51232	19.92432	30.24562	8
1625.23	1625.23	1264.23	81.6925	48.74993	82.54212	85.62198	46.46088	4.906956	48.63216	20.50082	28.13134	29.99529	8
1625.235	1625.235	1264.235	81.4329	43.76493	81.17329	78.47104	56.50256	1.415452	42.08198	15.33956	26.74242	32.51301	8
1625.24	1625.24	1264.24	80.44168	31.8455	80.35907	80.27647	58.92721	0.748091	40.3247	23.61932	16.70538	32.61657	8
1625.245	1625.245	1264.245	80.42988	45.5055	81.11429	81.7397	49.68797	3.660089	46.65194	14.80919	31.84275	30.8278	8
1625.25	1625.25	1264.25	83.35634	40.33949	83.39174	83.81655	53.27566	2.706002	44.01834	30.13252	13.88582	31.56494	8
1625.255	1625.255	1264.255	83.43894	39.87998	83.55694	83.68674	52.6707	2.95481	44.37449	32.4879	11.88658	31.53798	8
1625.26	1625.26	1264.26	83.91095	52.31462	83.86375	85.13817	50.5076	3.487158	46.00524	22.64686	23.35839	30.84381	8
1625.265	1625.265	1264.265	86.16479	105.1723	85.26798	83.28553	42.22704	5.173588	52.59937	24.3056	28.29377	29.86701	8
1625.27	1625.27	1264.27	91.94691	107.0243	89.87007	87.35662	45.6045	2.345165	52.05034	25.54869	26.50165	30.74694	8
1625.275	1625.275	1264.275	89.82287	86.93111	88.34784	85.79899	47.75712	2.929715	49.31317	28.10328	21.20988	31.06454	8
1625.28	1625.28	1264.28	89.24466	63.48213	88.43044	86.6368	48.84242	3.685677	47.4719	30.75262	16.71928	31.30136	8
1625.285	1625.285	1264.285	87.42742	78.67383	86.5188	86.02319	47.5695	3.739815	48.69068	26.55383	22.13686	30.59636	8
1625.29	1625.29	1264.29	87.54542	75.31801	86.90821	85.94059	46.16965	4.505623	49.32472	25.34338	23.98135	30.56295	8
1625.295	1625.295	1264.295	88.85525	69.69248	88.00563	87.60442	47.97212	3.829674	48.1982	16.81791	31.38029	30.8295	8
1625.3	1625.3	1264.3	89.94087	51.24243	89.69307	88.11183	46.77422	5.393977	47.8318	29.10119	18.73061	31.14063	8
1625.305	1625.305	1264.305	90.71969	73.75846	90.44828	87.97023	40.79173	7.208541	51.99973	28.96535	23.03438	30.43581	8
1625.31	1625.31	1264.31	90.74329	76.20918	90.81409	91.02649	37.52484	8.846183	53.62898	34.91095	18.71803	29.63807	8
1625.315	1625.315	1264.315	89.58686	107.2192	88.11183	88.18264	43.06452	4.239782	52.6957	32.88608	19.80961	29.77618	8
1625.32	1625.32	1264.32	91.1445	135.1797	88.80805	84.13515	41.54104	3.105759	55.35321	24.30773	31.04548	30.32814	8
1625.325	1625.325	1264.325	91.99411	115.2537	90.03527	84.04075	42.65504	3.395009	53.94996	18.75215	35.19781	30.96997	8
1625.33	1625.33	1264.33	90.75509	106.8154	87.98203	85.73999	52.14718	0	47.85282	29.29835	18.55446	30.83302	8
1625.335	1625.335	1264.335	89.62227	123.5388	88.02923	87.79323	39.99713	4.907103	55.09577	27.29932	27.79645	29.36751	8
1625.34	1625.34	1264.34	89.52786	108.2914	87.91123	87.56902	43.95675	3.768497	52.27475	34.32021	17.95454	29.92795	8

1625.345	1625.345	1264.345	87.53362	78.33964	87.28582	88.71365	42.43136	6.096388	51.47225	28.63464	22.83761	29.68594	8
1625.35	1625.35	1264.35	85.13817	56.07425	85.38598	86.73121	46.18242	5.205085	48.61249	34.28707	14.32543	30.28624	8
1625.355	1625.355	1264.355	83.95815	56.63124	83.88735	85.71638	49.60246	3.725453	46.67209	25.11763	21.55446	30.55536	8
1625.36	1625.36	1264.36	81.05529	58.5946	81.8105	84.02895	45.39632	5.010314	49.59337	23.07453	26.51884	29.8621	8
1625.365	1625.365	1264.365	80.40628	63.38465	80.72488	80.97269	48.21794	3.897487	47.88457	16.83552	31.04905	30.40909	8
1625.37	1625.37	1264.37	80.87829	51.71586	80.25287	79.41506	57.92369	0.838485	41.23783	27.04305	14.19478	32.24074	8
1625.375	1625.375	1264.375	80.33547	50.30948	79.22625	78.05803	62.51295	0	37.48705	22.32787	15.15918	32.36329	8
1625.38	1625.38	1264.38	81.5391	41.60662	81.17329	79.00205	57.75023	1.021188	41.22858	11.31658	29.912	32.67391	8
1625.385	1625.385	1264.385	82.78992	55.39195	81.91671	81.12609	57.19586	0.935261	41.86888	16.00123	25.86765	32.15943	8
1625.39	1625.39	1264.39	84.09975	51.79941	83.67494	83.08493	53.38504	2.379853	44.23511	21.34508	22.89003	31.62528	8
1625.395	1625.395	1264.395	85.07917	65.66828	84.53636	84.37116	50.04222	3.28937	46.66841	31.22046	15.44795	30.9021	9
1625.4	1625.4	1264.4	87.09701	79.18904	86.6132	83.14393	44.45653	5.135418	50.40806	16.77708	33.63098	30.75916	9
1625.405	1625.405	1264.405	86.6604	93.53135	85.95239	85.36238	43.12495	5.174406	51.70064	32.53387	19.16677	29.88058	9
1625.41	1625.41	1264.41	86.18839	121.6311	85.23257	82.93153	38.67954	6.099372	55.22108	30.7314	24.48968	29.43448	9
1625.415	1625.415	1264.415	93.23314	102.4292	92.41892	92.44252	35.74784	7.947918	56.30425	34.28441	22.01984	29.44008	9
1625.42	1625.42	1264.42	98.68485	180.2118	99.48727	96.82041	0	26.34075	73.65925	73.65925	0	-9999	9
1625.425	1625.425	1264.425	96.84401	246.9244	96.92662	83.19113	0	24.6122	75.3878	75.3878	0	-9999	9
1625.43	1625.43	1264.43	94.77897	312.0636	93.92935	80.78388	0	22.646	77.354	77.354	0	-9999	9
1625.435	1625.435	1264.435	92.27732	258.4401	85.61018	79.61566	44.23268	0	55.76732	32.61081	23.15651	23.24199	8
1625.44	1625.44	1264.44	90.30668	157.9882	87.21502	82.82533	42.6451	1.797372	55.55752	18.42492	37.1326	30.01896	8
1625.445	1625.445	1264.445	87.66342	135.4722	84.80777	83.30914	48.69674	1.132595	50.17066	17.7605	32.41016	30.15616	8
1625.45	1625.45	1264.45	85.02017	75.875	84.02895	84.20595	51.10165	2.568076	46.33027	23.12523	23.20504	30.82818	8
1625.455	1625.455	1264.455	84.20595	52.245	84.55996	87.14421	47.14368	4.851026	48.0053	21.41994	26.58536	30.18813	8
1625.46	1625.46	1264.46	84.58356	61.63016	84.51276	86.4598	47.81734	4.313912	47.86875	29.94366	17.92509	30.26144	8
1625.465	1625.465	1264.465	85.44498	83.17147	84.38296	82.89613	49.49379	2.956214	47.54999	20.32791	27.22208	30.83387	8
1625.47	1625.47	1264.47	84.05255	51.36775	84.48916	85.11457	46.85694	4.979127	48.16393	30.64408	17.51985	30.52436	8
1625.475	1625.475	1264.475	84.15875	51.21458	84.08795	82.70732	50.72873	3.439495	45.83177	21.48863	24.34314	31.39075	8
1625.48	1625.48	1264.48	83.68674	44.51686	83.01413	81.5863	57.44787	1.021077	41.53105	27.36919	14.16186	32.5563	8
1625.485	1625.485	1264.485	83.16753	40.6319	82.70732	83.30914	57.21957	1.210901	41.56953	15.55708	26.01244	32.17322	8
1625.49	1625.49	1264.49	83.48614	44.36369	82.90793	82.77812	56.93788	1.223652	41.83847	30.4517	11.38676	32.21558	8
1625.495	1625.495	1264.495	84.46556	36.07857	83.86375	83.42714	58.22472	0.905253	40.87003	29.70046	11.16957	32.69568	8
1625.5	1625.5	1264.5	85.43318	31.51131	85.18537	84.51276	55.69623	2.057312	42.24646	29.9002	12.34626	32.39459	8
1625.505	1625.505	1264.505	86.69581	46.49415	85.79899	84.84317	55.93862	1.376254	42.68513	13.08311	29.60202	32.3497	8
1625.51	1625.51	1264.51	85.92879	38.11155	85.53938	84.37116	54.74043	2.232028	43.02754	21.17803	21.84951	32.25061	8
1625.515	1625.515	1264.515	87.48642	52.45386	87.04981	86.73121	50.20238	3.652036	46.14559	17.1599	28.98569	31.26026	8
1625.52	1625.52	1264.52	89.12666	67.70127	88.45404	89.31546	46.83253	4.466573	48.7009	30.46717	18.23373	30.48254	8
1625.525	1625.525	1264.525	87.39202	61.49091	87.32122	89.15026	45.26725	5.533794	49.19895	25.81983	23.37912	30.10628	8
1625.53	1625.53	1264.53	86.2592	61.42129	85.97599	87.76963	47.97243	4.290905	47.73666	32.63057	15.1061	30.38874	8
1625.535	1625.535	1264.535	87.38022	75.19269	86.08219	84.68976	51.47327	2.153999	46.37273	16.23409	30.13863	31.344	8
1625.54	1625.54	1264.54	88.27704	78.10293	86.97901	87.07341	49.94392	2.583347	47.47273	23.21265	24.26008	30.87022	8
1625.545	1625.545	1264.545	92.23012	109.7117	90.23588	88.41864	44.05343	2.915706	53.03087	34.02502	19.00584	30.42782	8
1625.55	1625.55	1264.55	90.37748	134.8456	87.15601	82.63652	49.18646	0	50.81354	28.70886	22.10469	30.78118	8
1625.555	1625.555	1264.555	89.33906	138.6748	86.4952	81.7397	46.28866	1.388652	52.32269	34.48633	17.83635	30.60518	8
1625.56	1625.56	1264.56	88.20624	160.9263	84.83137	78.30583	46.06134	1.172024	52.76664	34.03017	18.73646	30.46305	8
1625.565	1625.565	1264.565	87.65162	110.7143	84.74877	80.68948	55.06481	0	44.93519	16.90237	28.03282	30.98411	8
1625.57	1625.57	1264.57	88.67825	111.4801	85.69278	82.30611	54.57515	0	45.42485	25.60885	19.81601	30.55934	8
1625.575	1625.575	1264.575	86.90821	69.66464	85.69278	85.89339	52.60515	1.937004	45.45785	31.96145	13.49639	31.26617	8
1625.58	1625.58	1264.58	85.38598	54.18051	85.29158	86.15299	49.06483	4.067749	46.86742	17.88882	28.9786	30.76219	8
1625.585	1625.585	1264.585	86.4952	48.52713	86.684	87.27402	47.21762	5.150163	47.63222	15.4111	32.22112	30.69658	8
1625.59	1625.59	1264.59	89.32726	55.57297	88.76085	88.73725	48.75995	4.138866	47.10118	22.31905	24.78213	31.05222	8
1625.595	1625.595	1264.595	92.51332	86.15133	90.29488	87.21502	51.23207	0.430025	48.3379	16.95375	31.38415	31.92801	8
1625.6	1625.6	1264.6	92.17112	91.40089	90.75509	90.54268	44.05778	4.114836	51.82738	23.38546	28.44193	30.29236	8
1625.605	1625.605	1264.605	96.1832	136.1266	95.08578	94.96778	27.07384	10.13864	62.78753	28.09582	34.69171	29.04294	8
1625.61	1625.61	1264.61	96.89121	108.0686	95.49879	93.83495	35.4988	6.950717	57.55048	34.73972	22.81076	29.93236	8
1625.615	1625.615	1264.615	96.45461	85.30193	95.21558	91.91151	40.22114	6.068167	53.71069	29.80623	23.90446	30.75039	8
1625.62	1625.62	1264.62	95.18018	66.8101	94.12996	92.20652	44.40541	5.261457	50.33313	28.79483	21.5383	31.02232	8
1625.625	1625.625	1264.625	95.03858	55.01599	94.75537	93.92935	41.44549	8.347297	50.20722	29.40808	20.79913	30.47408	8
1625.63	1625.63	1264.63	92.60773	64.56824	92.15932	91.62831	42.65055	6.782633	50.56682	28.56302	22.0038	30.4229	8
1625.635	1625.635	1264.635	88.38324	64.83281	89.20926	92.44252	36.59625	9.719267	53.68448	32.8454	20.83909	29.07556	8
1625.64	1625.64	1264.64	89.50426	55.35018	89.64587	93.90575	43.16391	7.022136	49.81395	19.79637	30.01758	29.56557	8
1625.645	1625.645	1264.645	90.76689	68.84309	89.81107	89.57506	47.24204	4.051178	48.70678	19.17731	29.52947	30.8206	8
1625.65	1625.65	1264.65	88.44224	68.56459	87.17961	85.38598	51.82586	2.110482	46.06366	18.5043	27.55936	31.63368	8
1625.655	1625.655	1264.655	87.68703	60.00098	86.4952	84.40656	54.04434	1.574359	44.3813	17.61399	26.76732	32.10877	8
1625.66	1625.66	1264.66	85.77539	37.55457	84.94937	83.69854	58.40007	0.719114	40.88082	16.95108	23.92973	32.934	8
1625.665	1625.665	1264.665	88.66645	56.42237	87.93483	87.76963	50.44267	3.305425	46.2519	15.11016	31.14175	31.2805	8
1625.67	1625.67	1264.67	88.93785	74.90027	87.80503	86.4952	48.83069	3.15471	48.0146	15.69446	32.32014	31.05566	8
1625.675	1625.675	1264.675	91.2153	60.1263	90.49548	90.71969	47.10993	4.624383	48.26569	32.2701	15.99559	30.82482	8
1625.68	1625.68	1264.68	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1626	1626	1265	100.0655	50.03099	99.98288	99.88848	36.47242	12.9795	50.54808	27.85086	22.69722	29.82668	9
1626.005	1626.005	1265.005	99.73507	43.70923	99.61707	99.84128	38.58062	12.02758	49.3918	31.64037	17.75143	30.00963	9
1626.01	1626.01	1265.01	103.6056	34.46332	103.3813	103.5702	38.08035	14.19077	47.72888	22.13236	25.59651	29.89742	9
1626.015	1626.015	1265.015	104.3136	51.03356	103.995	103.9124	34.1506	15.23795	50.61145	26.90627	23.70518	29.55484	9
1626.02	1626.02	1265.02	100.7381	46.36883	100.7499	103.2279	36.00825	14.00043	49.99133	20.89292	29.09841	29.27705	9

1626.025	1626.025	1265.025	102.5907	52.53741	102.6497	102.7677	32.44521	16.615	50.93979	24.27669	26.6631	29.32055	9
1626.03	1626.03	1265.03	111.3701	42.80414	111.8893	112.7625	23.15701	33.18513	43.65786	12.92897	30.72889	27.31426	9
1626.035	1626.035	1265.035	121.2233	43.69531	121.4593	122.1555	16.07125	51.94556	31.98319	5.415312	26.56788	24.61154	9
1626.04	1626.04	1265.04	120.1377	31.72018	120.4209	119.9725	19.6022	49.01747	31.38034	14.93244	16.4479	25.1089	9
1626.045	1626.045	1265.045	109.1045	52.62096	109.0337	109.7063	27.43833	23.33809	49.22358	30.57192	18.65166	28.42835	9
1626.05	1626.05	1265.05	105.057	45.7283	105.2576	107.3934	30.72665	20.17062	49.10273	33.07087	16.03186	28.60181	9
1626.055	1626.055	1265.055	106.8388	34.0595	107.0866	106.9096	31.5454	22.17806	46.27655	20.29737	25.97918	28.86998	9
1626.06	1626.06	1265.06	109.7889	39.64326	109.9541	110.0013	28.12024	26.05845	45.82131	25.32011	20.5012	28.27333	9
1626.065	1626.065	1265.065	114.1314	38.09763	114.7922	114.6624	20.65821	40.55091	38.79088	22.30577	16.48511	26.56998	9
1626.07	1626.07	1265.07	116.9516	28.54537	116.8808	116.3734	26.04523	35.06335	38.89142	22.00556	16.88586	26.99924	9
1626.075	1626.075	1265.075	117.931	40.01922	117.6006	115.6064	24.37944	33.61093	42.00963	26.25558	15.75405	27.40235	9
1626.08	1626.08	1265.08	116.456	32.72275	116.2318	115.6772	26.67915	31.9766	41.34426	28.38401	12.96024	27.41506	9
1626.085	1626.085	1265.085	114.45	22.39071	114.4264	114.981	29.47037	30.47192	40.05771	12.60059	27.45712	27.53532	9
1626.09	1626.09	1265.09	115.3822	25.3845	115.0872	114.6978	29.99163	28.47962	41.52875	27.49385	14.0349	27.90816	9
1626.095	1626.095	1265.095	114.391	26.05287	114.5208	114.6624	27.44954	32.76188	39.78858	22.72666	17.06192	27.31591	9
1626.1	1626.1	1265.1	114.3792	24.01989	114.2612	114.6388	29.87287	29.13614	40.99099	26.64877	14.34222	27.73548	9
1626.105	1626.105	1265.105	116.043	25.60729	115.9604	115.807	27.68363	32.85937	39.45699	13.54241	25.91459	27.26534	9
1626.11	1626.11	1265.11	119.0757	32.61135	118.8397	118.8869	24.38747	37.04836	38.56417	18.37011	20.19406	26.51093	9
1626.115	1626.115	1265.115	120.0787	24.96676	119.9961	119.7129	24.12581	41.56517	34.30902	13.71379	20.59523	25.9106	9
1626.12	1626.12	1265.12	118.6627	23.60215	118.5329	118.2379	26.1246	37.38714	36.48826	16.30511	20.18314	26.54763	9
1626.125	1626.125	1265.125	117.4826	25.05031	117.6124	117.0932	24.84783	39.21444	35.93773	16.40092	19.53681	26.45699	9
1626.13	1626.13	1265.13	115.2052	23.82494	115.394	114.3556	26.78236	35.09864	38.119	24.30222	13.81678	27.20617	9
1626.135	1626.135	1265.135	115.9486	25.2731	116.1374	116.4678	25.74796	36.76765	37.48439	21.28656	16.19783	26.70441	9
1626.14	1626.14	1265.14	117.9428	21.75018	117.8956	118.8043	26.59484	37.08795	36.31721	12.277	24.0402	26.41664	9
1626.145	1626.145	1265.145	117.7304	25.2731	117.636	117.7776	26.30352	36.08743	37.60905	20.7325	16.87655	26.69853	9
1626.15	1626.15	1265.15	116.338	27.96054	116.1728	115.3468	27.4829	32.33391	40.18319	12.44999	27.7332	27.43302	9
1626.155	1626.155	1265.155	112.4439	37.20646	112.3849	111.9247	28.00488	27.49627	44.49885	20.11054	24.38832	28.11823	9
1626.16	1626.16	1265.16	107.1456	74.44076	107.0394	105.588	24.23443	21.87532	53.89025	39.75531	14.13494	28.96623	9
1626.165	1626.165	1265.165	105.1986	70.20769	104.644	103.523	30.52528	15.38782	54.0869	20.0395	34.0474	29.5366	9
1626.17	1626.17	1265.17	104.7502	69.1355	104.3844	103.3931	29.73405	16.49586	53.77009	29.37547	24.39462	29.39971	9
1626.175	1626.175	1265.175	102.3665	55.69829	102.2367	101.5877	33.34978	15.14833	51.50189	25.49544	26.00645	29.59783	9
1626.18	1626.18	1265.18	99.49907	54.22228	99.74687	100.3369	33.41857	14.97511	51.60631	22.09496	29.51135	29.37633	9
1626.185	1626.185	1265.185	96.254	72.82551	96.3484	94.94417	33.09093	12.46396	54.44511	36.15101	18.2941	29.7307	9
1626.19	1626.19	1265.19	98.55505	111.5776	98.18924	97.28062	25.16258	14.07871	60.75871	41.29464	19.46407	29.25656	9
1626.195	1626.195	1265.195	99.90028	144.9269	96.66701	89.77567	38.07724	0	61.92276	25.79357	36.12919	30.81138	9
1626.2	1626.2	1265.2	94.68457	31.17712	94.48397	94.12996	46.90002	6.942705	46.15728	30.50415	15.65313	31.23212	9
1626.205	1626.205	1265.205	94.56657	23.26796	94.92057	95.38078	44.62436	9.223779	46.15187	29.99072	16.16115	30.76364	9
1626.21	1626.21	1265.21	95.08578	35.85577	95.05038	95.21558	44.11834	8.393703	47.48795	23.18961	24.29834	30.70952	9
1626.215	1626.215	1265.215	96.73781	34.82536	96.58441	95.59319	43.76235	8.847735	47.38991	32.93309	14.45682	30.90794	9
1626.22	1626.22	1265.22	93.52815	33.76709	93.28034	92.46612	47.70296	6.166203	46.13084	18.83141	27.29943	31.39553	9
1626.225	1626.225	1265.225	91.88791	60.65544	91.3097	88.85525	45.26565	5.575537	49.15882	29.96276	19.19606	31.09447	9
1626.23	1626.23	1265.23	88.80805	26.09465	88.99685	89.71667	50.51846	4.846538	44.635	29.69312	14.94188	31.47002	1
1626.235	1626.235	1265.235	85.90519	45.43588	85.33878	84.48916	54.36143	2.135517	43.50305	26.3921	17.11095	32.01674	1
1626.24	1626.24	1265.24	83.84015	39.82428	83.30914	81.4565	57.34492	1.167888	41.48719	19.74725	21.73994	32.69305	1
1626.245	1626.245	1265.245	85.25618	35.46589	84.65436	83.60414	57.64562	1.124782	41.2296	19.16402	22.06557	32.7472	1
1626.25	1626.25	1265.25	84.54816	55.75399	82.84893	81.5981	61.8923	0	38.1077	7.302972	30.80473	31.88352	1
1626.255	1626.255	1265.255	82.56572	52.983	82.04651	79.35605	55.24153	1.688832	43.06963	28.97916	14.09048	32.19721	1
1626.26	1626.26	1265.26	83.12033	89.81349	83.16753	79.93427	41.42862	5.986485	52.58489	34.12516	18.45974	30.09581	1
1626.265	1626.265	1265.265	84.39476	73.20148	83.53334	81.17329	51.31805	2.606826	46.07512	24.49737	21.57775	31.32092	1
1626.27	1626.27	1265.27	92.52512	45.42196	91.97051	92.53693	48.18301	4.961767	46.85522	23.71626	23.13897	31.09931	1
1626.275	1626.275	1265.275	90.83769	29.82643	90.61349	89.76387	50.94891	4.504527	44.54656	25.57128	18.97527	31.86052	9
1626.28	1626.28	1265.28	94.47216	35.27094	94.20076	92.37172	46.65343	6.721865	46.6247	21.36786	25.25684	31.44107	9
1626.285	1626.285	1265.285	98.56685	36.46846	98.74385	99.78227	39.12135	12.44334	48.43531	31.20035	17.23496	29.9003	9
1626.29	1626.29	1265.29	100.1127	38.71031	100.1009	100.1953	38.61989	12.74084	48.63927	32.22361	16.41566	30.01734	9
1626.295	1626.295	1265.295	98.17744	38.44574	97.82343	96.51361	43.11644	8.9423	47.94126	33.10317	14.83809	30.90178	9
1626.3	1626.3	1265.3	100.6319	48.37396	100.5139	101.1865	36.62668	13.12563	50.24769	28.96261	21.28508	29.69748	9
1626.305	1626.305	1265.305	99.31026	62.10359	98.53145	99.06246	39.64131	8.657551	51.70114	32.31252	19.38862	30.13601	9
1626.31	1626.31	1265.31	101.0331	50.4348	101.0803	101.3989	34.47852	14.8096	50.71188	35.18358	15.5283	29.51229	9
1626.315	1626.315	1265.315	102.0597	83.074	102.3547	104.0304	23.71485	19.92215	56.363	34.23015	22.13285	28.58118	9
1626.32	1626.32	1265.32	97.72903	52.70451	97.72903	96.74961	37.3348	11.72044	50.94476	33.41443	17.53034	30.07409	9
1626.325	1626.325	1265.325	97.26882	42.48387	96.87941	96.77321	43.2495	8.371151	48.37935	23.78512	24.59423	30.67433	9
1626.33	1626.33	1265.33	94.28336	54.69572	94.54297	93.84675	38.011	10.63439	51.35461	29.29063	22.06399	30.05004	9
1626.335	1626.335	1265.335	92.07672	33.19618	91.72271	91.2153	49.9995	4.816024	45.18447	30.99214	14.19234	31.65944	8
1626.34	1626.34	1265.34	89.64587	23.89457	89.52786	89.02045	52.65784	3.924635	43.41753	15.68638	27.73115	32.09897	8
1626.345	1626.345	1265.345	86.89641	28.60107	86.4834	85.56298	56.33466	1.887918	41.77742	30.65631	11.12111	32.66019	8
1626.35	1626.35	1265.35	86.93181	33.92026	86.2474	84.85497	57.11824	1.325181	41.55658	20.5042	21.05237	32.82631	8
1626.355	1626.355	1265.355	83.80475	25.07815	83.81655	83.88735	56.73927	1.785246	41.47548	20.67384	20.80164	32.45613	8
1626.36	1626.36	1265.36	85.35058	15.88794	85.49218	86.33	56.53517	2.241898	41.22294	30.07211	11.15083	32.47696	8
1626.365	1626.365	1265.365	86.89641	17.54496	86.90821	87.09701	55.71797	2.629585	41.65244	27.7239	13.92854	32.48428	8
1626.37	1626.37	1265.37	83.27373	19.74504	83.46254	83.41534	57.14663	1.738327	41.11504	23.88985	17.22519	32.61143	8
1626.375	1626.375	1265.375	79.15545	18.00447	78.97845	79.24985	64.19168	0	35.80832	7.332341	28.47598	32.63997	8
1626.38	1626.38	1265.38	83.35634	16.87658	83.25013	83.48614	60.0511	0.703292	39.2456	17.16312	22.08248	33.16163	8
1626.385	1626.385	1265.385	82.55392	24.49332	82.64832	82.23531	57.39139	1.490984	41.11762	21.12459	19.99303	32.61599	8

1626.39	1626.39	1265.39	85.48038	28.35043	85.42138	85.51578	54.95451	2.480247	42.56525	26.85077	15.71448	32.16249	8
1626.395	1626.395	1265.395	84.73696	32.43033	84.71336	84.39476	54.37676	2.555253	43.06799	13.4564	29.61159	32.04985	8
1626.4	1626.4	1265.4	89.04405	44.37761	88.97325	88.25344	47.8888	5.186622	46.92458	19.60322	27.32136	31.15965	8
1626.405	1626.405	1265.405	87.80503	77.03073	86.507	85.20897	50.63764	2.387091	46.97527	14.47774	32.49753	31.20051	8
1626.41	1626.41	1265.41	91.4867	94.49215	91.1091	91.86431	35.89159	8.542948	55.56546	29.32289	26.24257	29.28336	8
1626.415	1626.415	1265.415	95.61679	87.2096	96.56081	97.28062	23.61168	17.71861	58.66971	30.50352	28.16619	28.91287	8
1626.42	1626.42	1265.42	89.26826	113.1093	89.69307	88.02923	27.20848	11.93269	60.85883	31.20202	29.65681	29.20856	8
1626.425	1626.425	1265.425	78.94305	75.12307	79.04925	78.49464	48.36955	3.642024	47.98843	30.42217	17.56626	30.28133	8
1626.43	1626.43	1265.43	80.60688	35.91147	80.54788	78.05803	57.60835	1.138026	41.25362	20.35478	20.89884	32.74934	8
1626.435	1626.435	1265.435	76.7954	37.35963	75.68618	74.17575	68.90368	0	31.09632	14.34273	16.75359	31.72784	8
1626.44	1626.44	1265.44	75.63898	23.96419	75.13157	74.16395	68.54524	0	31.45476	24.36128	7.093479	31.84309	8
1626.445	1626.445	1265.445	75.57998	35.54943	75.43837	74.81296	62.96088	0	37.03912	19.61145	17.42767	32.38498	8
1626.45	1626.45	1265.45	73.25533	32.19361	73.56214	75.57998	62.43649	0	37.56351	16.90261	20.66089	31.76942	8
1626.455	1626.455	1265.455	72.96032	44.58648	73.58574	75.09617	57.23963	0.813892	41.94648	25.07771	16.86878	31.39339	8
1626.46	1626.46	1265.46	76.08739	45.49158	75.93398	75.75698	60.17952	0.233187	39.5873	17.26018	22.32712	32.34957	8
1626.465	1626.465	1265.465	80.45348	33.2658	79.76906	78.17603	63.23669	0	36.76331	16.18229	20.58102	32.78853	8
1626.47	1626.47	1265.47	75.46197	23.99204	75.27317	75.00176	66.23214	0	33.76786	8.593683	25.17418	31.98978	8
1626.475	1626.475	1265.475	74.39995	27.40356	74.14035	75.96938	66.93232	0	33.06768	22.13539	10.93229	31.40322	8
1626.48	1626.48	1265.48	73.46773	32.76452	73.47953	75.04897	64.38922	0	35.61078	24.3492	11.26158	31.62516	8
1626.485	1626.485	1265.485	74.45895	48.93095	74.04595	73.39693	62.85729	0	37.14271	15.1194	22.02331	32.18131	8
1626.49	1626.49	1265.49	75.01356	34.97853	74.25835	74.21115	68.37564	0	31.62436	5.657386	25.96698	31.55249	8
1626.495	1626.495	1265.495	85.78719	101.3013	84.27676	81.04349	48.26672	2.864787	48.86849	24.87653	23.99196	30.74398	8
1626.5	1626.5	1265.5	81.7161	44.26622	80.64228	77.79842	62.43088	0	37.56912	20.06833	17.50079	32.81263	8
1626.505	1626.505	1265.505	76.05199	30.17455	76.5358	75.63898	58.9804	0.511913	40.50768	21.46763	19.04005	32.58071	8
1626.51	1626.51	1265.51	71.8629	29.4644	72.16971	72.65352	64.378	0	35.622	13.17051	22.45149	31.66825	8
1626.515	1626.515	1265.515	79.07285	42.97123	78.14063	77.00781	64.07864	0	35.92136	24.71568	11.20568	32.25655	8
1626.52	1626.52	1265.52	74.12855	21.94513	74.18755	75.34397	66.03376	0	33.96624	9.989923	23.97632	31.65605	8
1626.525	1626.525	1265.525	79.23805	35.15955	78.32943	76.6656	65.63418	0	34.36582	8.393345	25.97248	32.24925	8
1626.53	1626.53	1265.53	75.23777	21.8198	75.14337	75.34397	66.23247	0	33.76753	23.10865	10.65888	31.91196	8
1626.535	1626.535	1265.535	75.82778	27.57065	75.17877	74.64776	68.5962	0	31.4038	12.32147	19.08233	31.71657	8
1626.54	1626.54	1265.54	68.28743	18.74247	67.76822	67.35521	76.66377	0	23.33623	7.841735	15.49449	31.10254	8
1626.545	1626.545	1265.545	68.84204	28.21118	68.81844	70.43507	70.02112	0	29.97888	13.42725	16.55162	30.80208	2
1626.55	1626.55	1265.55	65.04236	27.83522	64.77095	64.35795	75.5283	0	24.4717	5.608908	18.86279	30.97671	2
1626.555	1626.555	1265.555	64.59395	22.61351	64.48775	64.87716	75.92416	0	24.07584	5.234854	18.84098	30.72452	2
1626.56	1626.56	1265.56	63.47293	29.70111	63.18972	63.49653	76.61208	0	23.38792	16.74467	6.643246	30.84313	2
1626.565	1626.565	1265.565	69.83326	36.28744	69.95126	72.27591	66.05732	0	33.94268	12.74239	21.20029	30.97701	8
1626.57	1626.57	1265.57	76.12279	23.15656	76.22899	77.03141	63.54008	0	36.45992	10.22521	26.23471	32.26588	8
1626.575	1626.575	1265.575	77.46802	27.30609	77.63322	77.84562	60.84103	0.078345	39.08063	21.97429	17.10633	32.84144	8
1626.58	1626.58	1265.58	80.26467	13.98027	80.27647	81.86951	62.68182	0	37.31818	25.14646	12.17171	32.9624	8
1626.585	1626.585	1265.585	78.43564	20.03746	78.03443	78.40023	66.09951	0	33.90049	22.18786	11.71263	32.15089	8
1626.59	1626.59	1265.59	80.46528	27.09722	80.61868	81.11429	58.22554	1.041811	40.73265	28.72644	12.0062	32.45646	8
1626.595	1626.595	1265.595	79.85166	54.43115	79.46226	78.43564	56.38204	1.326559	42.2914	21.73482	20.55658	31.89156	8
1626.6	1626.6	1265.6	86.86101	114.3347	86.566	77.03141	34.70518	8.070293	57.22453	29.07281	28.15172	30.70144	8
1626.605	1626.605	1265.605	84.86677	65.40372	85.22077	84.13515	43.35132	6.052473	50.59621	28.46763	22.12857	30.29237	8
1626.61	1626.61	1265.61	82.40052	39.55971	83.02593	83.89915	49.77113	3.975816	46.25306	16.75909	29.49397	30.94912	8
1626.615	1626.615	1265.615	85.05557	50.65759	85.06737	84.30036	49.39828	4.034134	46.56758	32.18406	14.38352	31.13399	8
1626.62	1626.62	1265.62	84.07615	52.49564	84.11155	83.96995	49.67164	3.819092	46.50927	28.48491	18.02436	30.9856	8
1626.625	1626.625	1265.625	85.42138	44.0295	85.53938	85.51578	49.84267	4.095907	46.06142	28.96659	17.09483	31.16577	8
1626.63	1626.63	1265.63	86.16479	47.27392	85.84619	87.19142	51.7573	3.178661	45.06404	23.45151	21.61252	31.17849	8
1626.635	1626.635	1265.635	84.01715	42.02436	84.11155	83.79295	51.80271	3.269243	44.92805	21.55401	23.37403	31.47118	8
1626.64	1626.64	1265.64	92.72573	63.92771	93.23314	92.82013	35.28939	11.33407	53.37654	37.76161	15.61493	29.70321	8
1626.645	1626.645	1265.645	94.51937	96.44159	95.15658	95.01498	24.76492	15.62973	59.60535	39.70427	19.90107	29.07643	8
1626.65	1626.65	1265.65	86.389	84.80065	85.89339	86.2238	43.84134	5.203531	50.95513	28.64926	22.30587	29.87239	8
1626.655	1626.655	1265.655	86.507	34.40762	85.92879	85.38598	56.56806	1.567252	41.86469	21.67525	20.18944	32.53304	8
1626.66	1626.66	1265.66	84.92577	49.44616	83.74574	83.48614	59.04751	0.18517	40.76732	10.04253	30.72479	32.63409	8
1626.665	1626.665	1265.665	79.56846	23.71355	79.55666	80.54788	61.14979	0.090522	38.75969	10.85911	27.90058	32.93239	8
1626.67	1626.67	1265.67	78.62444	27.37571	78.30583	77.66862	63.5098	0	36.4902	13.78389	22.70632	32.65808	8
1626.675	1626.675	1265.675	81.14969	42.40032	80.33547	79.69826	61.39159	0	38.60841	16.27925	22.32916	32.753	8
1626.68	1626.68	1265.68	82.18811	24.98068	82.21171	81.89311	58.15871	1.183298	40.65799	11.55518	29.10282	32.71087	8
1626.685	1626.685	1265.685	84.50096	43.31934	84.44196	84.32396	52.23309	3.081241	44.68566	18.67045	26.01522	31.49918	8
1626.69	1626.69	1265.69	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1627.005	1627.005	1266.005	86.5542	26.9162	85.84619	84.44196	59.34353	0.641547	40.01493	14.67903	25.33589	33.33514	8
1627.01	1627.01	1266.01	85.44498	29.17198	84.76057	84.13515	59.63521	0.500606	39.86419	20.43184	19.43234	33.15417	8
1627.015	1627.015	1266.015	84.20595	35.78615	84.52456	84.79597	51.40107	3.628718	44.97021	19.61378	25.35643	31.40144	8
1627.02	1627.02	1266.02	85.96419	42.56742	85.56298	85.22077	53.72099	2.507302	43.7717	13.57402	30.19768	31.85296	8
1627.025	1627.025	1266.025	86.3064	46.84226	85.55118	84.54816	55.11521	1.746205	43.13859	22.52152	20.61707	32.17036	8
1627.03	1627.03	1266.03	89.05585	39.81035	88.45404	87.48642	53.09856	2.826327	44.07512	23.92196	20.15316	32.05762	8
1627.035	1627.035	1266.035	89.25646	48.9031	88.80805	88.25344	49.52468	4.117009	46.35831	24.31797	22.04034	31.31835	9
1627.04	1627.04	1266.04	91.4867	51.57662	91.1681	91.2861	45.81989	5.904211	48.2759	19.52678	28.74912	30.74271	9
1627.045	1627.045	1266.045	93.17414	65.50119	93.05614	92.39532	39.34302	8.722542	51.93443	24.39896	27.53548	30.09123	9
1627.05	1627.05	1266.05	95.54599	71.85079	95.93539	96.53721	31.69189	13.48538	54.82273	22.36298	32.45975	29.25306	9
1627.055	1627.055	1266.055	95.67579	59.90351	95.81739	93.36294	36.3842	11.40921	52.20659	29.33323	22.87336	30.21221	9
1627.06	1627.06	1266.06	94.47216	70.13807	94.30696	90.76689	37.39252	9.618201	52.98928	34.55952	18.42976	30.44895	9

1627.065	1627.065	1266.065	95.14478	63.62137	93.83495	88.85525	47.22159	3.72292	49.05549	27.52201	21.53348	32.00469	9
1627.07	1627.07	1266.07	94.34236	50.53227	93.37474	91.3333	48.47527	4.206849	47.31788	33.58054	13.73734	31.68091	9
1627.075	1627.075	1266.075	94.14176	41.55092	93.37474	92.26552	49.27863	4.489124	46.23225	15.19283	31.03941	31.68139	9
1627.08	1627.08	1266.08	95.41618	50.56012	95.22738	92.32452	41.44479	8.792687	49.76252	34.15936	15.60316	30.87056	9
1627.085	1627.085	1266.085	96.018	67.42278	96.3956	96.3602	32.42067	13.51662	54.06271	19.85946	34.20325	29.42726	9
1627.09	1627.09	1266.09	95.9472	59.09589	95.78199	93.75235	38.7077	9.858976	51.43332	32.11791	19.31541	30.37748	9
1627.095	1627.095	1266.095	94.84977	60.14023	94.87337	90.94389	38.00137	10.17957	51.81906	18.22556	33.5935	30.62747	9
1627.1	1627.1	1266.1	96.077	88.7413	94.56657	90.73149	41.83961	4.726267	53.43412	21.00989	32.42424	30.99132	9
1627.105	1627.105	1266.105	95.23918	87.9476	93.29214	91.4159	46.18619	2.246191	51.56761	21.74193	29.82569	31.15176	9
1627.11	1627.11	1266.11	95.41618	76.75224	93.83495	92.20652	45.89762	3.343077	50.7593	27.48785	23.27145	31.13843	9
1627.115	1627.115	1266.115	95.08578	56.18565	94.01196	93.74055	47.24628	4.383851	48.36987	34.37887	13.991	31.1711	9
1627.12	1627.12	1266.12	94.60197	40.99394	94.64917	93.61075	42.67985	8.836281	48.48387	28.48851	19.99536	30.69894	9
1627.125	1627.125	1266.125	94.38956	44.33584	94.46036	93.85855	41.88362	9.035035	49.08135	22.33531	26.74604	30.49948	9
1627.13	1627.13	1266.13	94.18896	62.39601	95.03858	95.73479	31.66179	14.17423	54.16398	33.70852	20.45546	29.26472	9
1627.135	1627.135	1266.135	93.18594	80.6929	94.01196	92.31272	28.33962	14.4114	57.24897	23.77637	33.4726	29.49868	9
1627.14	1627.14	1266.14	93.37474	104.4482	93.23314	84.41836	29.91619	11.36078	58.72303	37.89985	20.82318	30.74018	9
1627.145	1627.145	1266.145	91.4395	107.4281	88.78445	82.01111	50.45474	0.013251	49.53201	20.35289	29.17912	32.14255	9
1627.15	1627.15	1266.15	90.90849	83.49174	88.64285	83.88735	53.71795	0	46.28205	19.68936	26.59269	32.3322	9
1627.155	1627.155	1266.155	89.62227	65.01383	88.12363	84.83137	53.42856	1.310949	45.26049	30.56022	14.70027	32.29195	9
1627.16	1627.16	1266.16	90.18868	57.02112	89.09125	89.11485	51.73233	2.48113	45.78654	19.47453	26.31201	31.52231	9
1627.165	1627.165	1266.165	87.97023	48.15117	86.97901	86.2828	55.09676	1.562369	43.34087	28.29863	15.04224	32.19419	9
1627.17	1627.17	1266.17	86.6604	28.28081	86.4952	86.01139	54.7088	2.626947	42.66425	14.76427	27.89999	32.272	9
1627.175	1627.175	1266.175	84.21775	27.48711	83.81655	83.30914	58.97715	0.851042	40.17181	11.26942	28.90239	32.95723	9
1627.18	1627.18	1266.18	83.66314	21.1375	83.48614	83.22653	59.28641	0.896241	39.81735	21.14163	18.67572	33.04229	9
1627.185	1627.185	1266.185	83.68674	21.0818	83.81655	84.06435	56.90043	1.824729	41.27484	22.94395	18.33089	32.50169	9
1627.19	1627.19	1266.19	84.31216	28.90741	84.32396	83.86375	55.34577	2.251658	42.40257	15.19864	27.20393	32.26641	9
1627.195	1627.195	1266.195	84.65436	39.51794	84.99657	83.74574	49.90254	4.165394	45.93206	28.46131	17.47075	31.43131	9
1627.2	1627.2	1266.2	84.01715	36.85834	84.08795	84.20595	53.23579	2.847937	43.91627	29.3611	14.55517	31.68099	9
1627.205	1627.205	1266.205	83.15573	43.30542	83.15573	83.09673	53.01681	2.722559	44.26063	32.09662	12.164	31.54141	9
1627.21	1627.21	1266.21	83.55694	53.86025	84.44196	85.27978	43.23454	6.302151	50.4633	22.68906	27.77424	30.0511	9
1627.215	1627.215	1266.215	83.41534	58.21864	83.48614	84.48916	48.62027	4.041946	47.33779	31.90549	15.4323	30.51817	9
1627.22	1627.22	1266.22	83.89915	55.74006	83.00233	80.92549	56.27403	1.186329	42.53964	11.48813	31.05151	32.28537	9
1627.225	1627.225	1266.225	83.22653	42.55349	82.96693	81.7633	55.14558	1.939922	42.91449	15.91084	27.00365	32.10581	9
1627.23	1627.23	1266.23	81.3975	30.9404	81.33849	80.45348	58.08399	1.073204	40.84281	17.5259	23.31691	32.6577	9
1627.235	1627.235	1266.235	80.60688	24.96676	80.50068	80.18207	60.62278	0.277828	39.09939	16.81398	22.28541	33.0963	9
1627.24	1627.24	1266.24	81.29129	22.34894	81.33849	81.30309	59.43776	0.740105	39.82214	20.67924	19.14289	32.89527	9
1627.245	1627.245	1266.245	82.74272	26.35922	82.66012	82.21171	58.13793	1.182339	40.67973	16.12304	24.55669	32.72961	9
1627.25	1627.25	1266.25	83.99355	35.17347	84.48916	83.86375	50.37298	4.04279	45.58423	18.60949	26.97475	31.42116	9
1627.255	1627.255	1266.255	84.63076	37.15076	84.53636	84.27676	53.88083	2.606573	43.5126	27.69305	15.81955	31.87557	9
1627.26	1627.26	1266.26	84.25315	41.92689	84.34756	84.06435	51.60918	3.362759	45.02806	13.8083	31.21976	31.44222	9
1627.265	1627.265	1266.265	85.24438	56.60339	85.84619	85.86979	43.21311	6.46887	50.31802	35.26002	15.058	30.2036	9
1627.27	1627.27	1266.27	85.35058	57.13252	85.84619	87.28582	43.81042	6.20382	49.98576	16.53783	33.44793	29.99505	9
1627.275	1627.275	1266.275	85.69278	88.71345	84.78417	79.83986	46.73578	3.88336	49.38086	22.26442	27.11644	31.05188	9
1627.28	1627.28	1266.28	86.566	85.41333	85.70458	81.7043	46.36524	4.080839	49.55392	29.44512	20.1088	30.93679	9
1627.285	1627.285	1266.285	85.50398	61.25419	85.18537	80.12307	48.98202	3.862723	47.15525	23.8369	23.31835	31.73484	9
1627.29	1627.29	1266.29	83.91095	46.4663	83.00233	81.84591	58.59888	0.529179	40.87194	29.33438	11.53756	32.68648	9
1627.295	1627.295	1266.295	85.97599	53.79062	85.33878	83.99355	52.82316	2.492399	44.68444	32.58202	12.10242	31.73388	9
1627.3	1627.3	1266.3	86.2474	39.79643	85.90519	85.58658	53.67376	2.627482	43.69875	18.28673	25.41203	31.89074	9
1627.305	1627.305	1266.305	87.34482	39.72681	87.30942	86.82561	50.30324	4.170342	45.52642	25.62069	19.90574	31.44238	9
1627.31	1627.31	1266.31	89.18566	43.36112	88.80805	87.76963	50.38227	3.986895	45.63084	14.73811	30.89273	31.59222	9
1627.315	1627.315	1266.315	90.66069	35.77223	90.25948	89.44526	51.04465	4.069249	44.8861	22.78242	22.10367	31.79929	9
1627.32	1627.32	1266.32	92.50152	33.27973	91.95871	91.03829	51.05169	4.184253	44.76406	23.78368	20.98038	31.9228	9
1627.325	1627.325	1266.325	94.92057	44.73965	94.22436	93.97655	47.24174	5.449618	47.30864	17.22995	30.07869	31.20787	9
1627.33	1627.33	1266.33	96.65521	45.14346	95.82919	95.22738	46.55412	5.701719	47.74416	15.54936	32.19481	31.24436	9
1627.335	1627.335	1266.335	98.40165	56.29705	97.81163	95.33358	40.41919	8.859393	50.72141	21.3026	29.41881	30.74251	9
1627.34	1627.34	1266.34	99.56987	61.53269	99.73507	101.5877	32.22448	14.98062	52.79489	34.53506	18.25983	29.04812	9
1627.345	1627.345	1266.345	99.29846	61.89472	99.41647	99.28666	32.75237	14.43863	52.809	26.86556	25.94343	29.4648	9
1627.35	1627.35	1266.35	98.35444	69.81781	97.37502	96.0298	40.20851	7.392037	52.39945	26.80893	25.59053	30.51	9
1627.355	1627.355	1266.355	98.23644	73.22933	97.32782	96.65521	38.94277	7.980735	53.07649	23.5112	29.56529	30.22072	9
1627.36	1627.36	1266.36	98.75565	75.61043	98.10664	97.64643	35.87693	10.0301	54.09297	33.78018	20.31279	29.85874	9
1627.365	1627.365	1266.365	96.66701	68.38358	96.0298	95.75839	39.45593	8.326343	52.21773	24.35369	27.86404	30.13944	9
1627.37	1627.37	1266.37	95.68759	55.32233	95.06218	93.62255	43.42636	6.947832	49.6258	32.84643	16.77937	30.85327	9
1627.375	1627.375	1266.375	96.52541	43.61176	96.1596	95.81739	43.47759	8.087166	48.43525	15.89653	32.53871	30.71823	9
1627.38	1627.38	1266.38	97.09182	52.39817	96.58441	94.84977	41.9276	8.241729	49.83067	20.48555	29.34512	30.76317	10
1627.385	1627.385	1266.385	97.58743	52.41209	97.25702	97.63463	40.09649	9.608042	50.29547	19.2216	31.07387	30.14516	10
1627.39	1627.39	1266.39	97.84703	53.31719	97.28062	95.74659	41.46766	8.441333	50.09101	27.77183	22.31918	30.68937	10
1627.395	1627.395	1266.395	98.73205	52.59311	98.29544	97.28062	39.8227	9.782877	50.39442	24.79088	25.60354	30.39785	10
1627.4	1627.4	1266.4	100.1127	52.11967	99.80587	99.18046	37.66112	11.641	50.69788	18.78416	31.91372	30.07238	10
1627.405	1627.405	1266.405	100.0655	47.83091	100.1127	100.7027	35.99887	13.71735	50.28378	33.79383	16.48996	29.62	10
1627.41	1627.41	1266.41	100.8325	44.68395	100.8443	102.2249	36.32914	13.97598	49.69488	36.10711	13.58778	29.49796	10
1627.415	1627.415	1266.415	101.5523	45.81184	101.6703	102.5789	34.57089	15.53132	49.89779	29.90082	19.99698	29.36842	10
1627.42	1627.42	1266.42	101.9181	50.12846	101.9299	102.2249	34.01279	15.40109	50.58612	31.87583	18.71029	29.44545	10
1627.425	1627.425	1266.425	101.7647	53.59568	101.8827	102.2957	32.49179	16.27495	51.23326	17.76277	33.47049	29.277	10

1627.43	1627.43	1266.43	102.5553	52.7602	102.4845	101.7647	33.42984	15.58832	50.98184	27.62587	23.35597	29.58261	10
1627.435	1627.435	1266.435	103.0863	50.3234	103.2869	101.6467	31.42762	18.12708	50.4453	33.4495	16.9958	29.48422	10
1627.44	1627.44	1266.44	103.3341	49.66895	103.3931	103.4167	32.45544	17.21925	50.32531	27.66293	22.66238	29.28772	10
1627.445	1627.445	1266.445	104.2782	48.74993	104.1956	104.5142	32.90677	17.0201	50.07313	29.34409	20.72904	29.269	10
1627.45	1627.45	1266.45	104.5614	52.27284	104.762	104.9154	29.59883	19.99842	50.40275	18.74768	31.65507	28.92988	10
1627.455	1627.455	1266.455	104.5024	60.73898	104.939	106.7208	25.77526	22.54376	51.68098	24.3174	27.36358	28.35763	10
1627.46	1627.46	1266.46	103.9242	74.1205	104.29	106.2134	23.6176	22.09469	54.28771	37.10683	17.18088	28.36654	10
1627.465	1627.465	1266.465	103.5938	83.54743	103.8298	102.8503	22.64623	21.24555	56.10822	34.98652	21.1217	28.96928	10
1627.47	1627.47	1266.47	102.2957	77.67126	102.7441	101.4933	23.61631	21.01645	55.36724	29.9551	25.41214	29.04827	10
1627.475	1627.475	1266.475	101.6349	78.71561	101.9299	100.8443	25.16041	19.15898	55.68061	39.58825	16.09237	29.13455	10
1627.48	1627.48	1266.48	100.7145	74.48254	100.9505	100.7263	27.48885	17.46856	55.04258	38.36536	16.67723	29.10931	10
1627.485	1627.485	1266.485	99.21586	99.29613	100.3133	103.1571	16.18672	23.502	60.31128	42.0449	18.26638	28.42193	10
1627.49	1627.49	1266.49	96.2776	135.2076	97.85883	103.6174	6.449816	25.4633	68.08689	68.08689	0	-9999	10
1627.495	1627.495	1266.495	93.91755	113.4853	94.00016	97.30422	25.49225	13.43463	61.07312	27.71203	33.36109	28.36742	10
1627.5	1627.5	1266.5	92.80833	113.1232	91.5457	90.24768	37.02587	6.455701	56.51843	30.86643	25.65201	29.6549	10
1627.505	1627.505	1266.505	89.90547	100.5772	88.15904	83.25013	46.48217	2.842027	50.67581	28.13671	22.5391	31.16576	9
1627.51	1627.51	1266.51	89.04405	106.8154	86.90821	81.3621	48.78294	1.70024	49.51682	23.27297	26.24386	31.43079	9
1627.515	1627.515	1266.515	87.43922	70.17984	85.66918	82.12911	56.29018	0.241427	43.4684	29.43033	14.03806	32.6005	9
1627.52	1627.52	1266.52	87.14421	61.30989	86.08219	84.37116	53.221	1.954274	44.82473	28.23643	16.5883	31.83109	9
1627.525	1627.525	1266.525	86.80201	65.38979	86.80201	83.33274	44.31782	5.77307	49.90911	28.61706	21.29204	30.89085	9
1627.53	1627.53	1266.53	86.74301	63.48213	86.271	84.34756	48.49184	3.978976	47.52919	29.43567	18.09352	31.12075	9
1627.535	1627.535	1266.535	87.38022	47.39924	86.77841	83.86375	52.80363	2.684452	44.51192	15.22161	29.29031	32.18267	9
1627.54	1627.54	1266.54	85.32698	46.32705	84.90217	83.94635	53.5803	2.44607	43.97363	25.09729	18.87634	31.8523	9
1627.545	1627.545	1266.545	84.34756	34.26837	83.94635	83.50974	57.21667	1.354328	41.42901	27.2818	14.14721	32.51103	9
1627.55	1627.55	1266.55	82.45952	36.64947	82.37692	80.86649	55.90823	1.77284	42.31893	27.76487	14.55406	32.34527	9
1627.555	1627.555	1266.555	80.91369	33.08478	80.92549	80.25287	57.46144	1.236521	41.30204	21.93701	19.36503	32.44352	9
1627.56	1627.56	1266.56	81.4565	48.59676	80.96089	78.78964	57.14059	1.125004	41.73441	21.4094	20.32501	32.42072	9
1627.565	1627.565	1266.565	83.80475	59.43008	83.10853	81.4565	53.91322	1.99419	44.09259	32.21296	11.87963	31.74797	9
1627.57	1627.57	1266.57	82.89613	61.8808	82.41232	81.4801	52.50994	2.491253	44.99881	25.89221	19.1066	31.3093	9
1627.575	1627.575	1266.575	82.03471	52.66273	81.5509	81.89311	55.53321	1.602845	42.86394	17.50676	25.35718	31.64835	9
1627.58	1627.58	1266.58	82.45952	75.10914	80.94909	78.43564	57.66667	0.479574	41.85375	19.8401	22.01365	32.17823	9
1627.585	1627.585	1266.585	81.95211	83.8677	80.18207	77.22021	58.02586	0.324544	41.6496	29.43073	12.21887	32.12772	9
1627.59	1627.59	1266.59	82.66012	63.4682	81.3621	80.61868	58.65309	0.29498	41.05193	14.58205	26.46988	32.24768	9
1627.595	1627.595	1266.595	84.90217	90.73251	82.43592	80.66588	59.04618	0	40.95382	9.884969	31.06885	31.14055	9
1627.6	1627.6	1266.6	85.42138	77.72696	83.26193	80.20567	59.3381	0	40.6619	19.84695	20.81495	31.76183	9
1627.605	1627.605	1266.605	84.44196	60.3491	83.16753	81.7515	57.58572	0.52743	41.88685	19.67438	22.21247	32.35724	9
1627.61	1627.61	1266.61	82.49492	24.46547	82.32972	81.32669	59.46436	0.730292	39.80535	16.08439	23.72096	33.09879	9
1627.615	1627.615	1266.615	82.25891	26.77695	82.21171	81.4329	58.20758	1.132603	40.65981	11.99954	28.66028	32.77005	9
1627.62	1627.62	1266.62	83.37994	37.02544	82.95513	81.98751	57.62257	1.139276	41.23815	24.268	16.97016	32.58721	9
1627.625	1627.625	1266.625	84.39476	43.69531	83.68674	82.43592	57.26967	1.075646	41.65468	28.80482	12.84987	32.52764	9
1627.63	1627.63	1266.63	84.05255	33.64177	84.01715	83.30914	54.8047	2.31941	42.87589	23.22316	19.65273	32.13363	9
1627.635	1627.635	1266.635	85.00837	40.15847	84.73696	83.79295	54.17734	2.399334	43.42332	13.60536	29.81797	32.02058	9
1627.64	1627.64	1266.64	86.02319	40.07492	85.79899	84.66616	52.89812	2.95178	44.1501	20.8344	23.3157	31.89731	9
1627.645	1627.645	1266.645	89.50426	44.55863	89.04405	88.17084	50.43951	3.887176	45.67331	29.81552	15.85779	31.5696	9
1627.65	1627.65	1266.65	90.77869	48.7917	90.41288	89.32726	47.51102	5.154382	47.3346	20.48632	26.84827	31.18806	9
1627.655	1627.655	1266.655	91.4041	73.14578	90.61349	92.02951	44.33422	5.282261	50.38352	17.00009	33.38342	30.1187	9
1627.66	1627.66	1266.66	91.2743	113.2625	90.41288	85.36238	35.29411	7.636986	57.0689	33.93745	23.13145	30.13253	9
1627.665	1627.665	1266.665	89.59866	129.3593	88.05283	80.80748	38.24448	5.47132	56.2842	22.48187	33.80233	30.44165	9
1627.67	1627.67	1266.67	89.16206	127.4655	88.26524	78.82504	34.07459	7.660471	58.26494	33.14568	25.11926	30.61204	9
1627.675	1627.675	1266.675	89.49246	131.8796	88.25344	78.02263	35.35451	6.76913	57.87636	35.77328	22.10308	30.78637	9
1627.68	1627.68	1266.68	85.53938	56.9515	84.80777	82.25891	53.19152	2.256016	44.55246	26.42299	18.12948	31.94015	9
1627.685	1627.685	1266.685	81.03169	47.12075	80.51248	77.63322	58.07151	0.841823	41.08667	20.7869	20.29977	32.71527	9
1627.69	1627.69	1266.69	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1628.01	1628.01	1267.01	96.70241	85.46903	96.56081	95.60499	31.4477	12.30821	56.24409	25.79461	30.44948	29.50821	8
1628.015	1628.015	1267.015	94.83797	75.8193	94.96778	94.69637	33.39482	11.79062	54.81456	38.59902	16.21553	29.50072	8
1628.02	1628.02	1267.02	93.13874	87.96152	92.63133	93.13874	36.9581	8.363687	54.67821	30.91409	23.76412	29.51122	8
1628.025	1628.025	1267.025	92.48972	52.17537	92.13572	91.1209	45.02657	6.317774	48.65566	27.61485	21.0408	30.87201	8
1628.03	1628.03	1267.03	93.18594	40.15847	92.99713	91.2271	46.01382	6.678736	47.30745	17.23887	30.06858	31.2524	8
1628.035	1628.035	1267.035	94.51937	41.78764	93.98835	92.94993	47.04491	5.873013	47.08208	19.14905	27.93303	31.31233	8
1628.04	1628.04	1267.04	94.36596	34.37977	93.97655	94.34236	47.88132	5.999784	46.11889	14.49822	31.62067	31.21603	8
1628.045	1628.045	1267.045	92.13572	34.14305	91.64011	91.2389	50.8135	4.273854	44.91265	19.40252	25.51012	31.75666	8
1628.05	1628.05	1267.05	91.5103	36.37098	90.74329	89.26826	52.95311	2.945537	44.10135	29.139	14.96235	32.28148	8
1628.055	1628.055	1267.055	90.40108	39.23945	89.58686	87.55722	53.64524	2.489823	43.86494	18.23228	25.63266	32.42023	8
1628.06	1628.06	1267.06	90.57808	34.76966	90.30668	89.79927	50.3573	4.504624	45.13808	29.83428	15.3038	31.62973	8
1628.065	1628.065	1267.065	88.45404	29.53402	88.14723	87.76963	53.8528	2.994315	43.15289	19.07524	24.07764	32.15842	8
1628.07	1628.07	1267.07	88.27704	44.04342	87.69883	88.53664	52.60776	2.88807	44.50417	32.07058	12.43359	31.54256	8
1628.075	1628.075	1267.075	88.86705	35.10385	88.46584	87.55722	52.85655	3.195979	43.94747	26.5965	17.35097	32.03966	8
1628.08	1628.08	1267.08	87.69883	20.88686	87.14421	86.17659	58.5607	1.183933	40.25537	10.80402	29.45135	33.22766	8
1628.085	1628.085	1267.085	87.46282	33.96203	86.84921	85.96419	56.07089	1.766756	42.16235	30.04144	12.12091	32.5494	8
1628.09	1628.09	1267.09	89.13846	32.84807	89.23286	89.51606	49.31177	5.110787	45.57744	15.66057	29.91687	31.28895	8
1628.095	1628.095	1267.095	89.63407	50.26771	89.76387	89.31546	44.3659	6.704357	48.92974	17.68412	31.24562	30.60344	9
1628.1	1628.1	1267.1	89.37446	63.69099	89.69307	89.82287	39.89308	8.229156	51.87777	29.15225	22.72552	29.90076	9
1628.105	1628.105	1267.105	89.91727	52.74628	90.27128	90.95569	41.76795	7.966744	50.2653	31.61227	18.65303	30.09275	9

1628.11	1628.11	1267.11	89.84647	59.88959	89.70487	89.89367	43.94539	6.362107	49.6925	32.52902	17.16348	30.34886	9
1628.115	1628.115	1267.115	88.74905	33.08478	87.98203	88.66645	56.28873	1.628818	42.08245	22.32443	19.75802	32.38295	9
1628.12	1628.12	1267.12	88.84345	36.94189	88.12363	85.43318	54.90265	2.101513	42.99583	23.86739	19.12844	32.70704	9
1628.125	1628.125	1267.125	90.41288	46.64732	89.32726	87.19142	53.94507	1.902795	44.15213	15.65014	28.50199	32.41868	9
1628.13	1628.13	1267.13	92.10032	60.04276	91.0737	87.74603	48.69368	3.658419	47.64791	17.86791	29.78	31.74242	9
1628.135	1628.135	1267.135	91.00289	52.53741	89.95267	87.67523	51.7025	2.648388	45.64911	23.29609	22.35302	32.03149	9
1628.14	1628.14	1267.14	91.65191	55.89323	91.1917	90.51908	45.72071	5.658836	48.62046	24.89272	23.72774	30.83696	9
1628.145	1628.145	1267.145	93.36294	79.03587	93.44554	90.87309	34.33925	10.73257	54.92818	20.154	34.77418	29.947	9
1628.15	1628.15	1267.15	92.37172	89.32613	91.95871	87.02621	36.60191	8.49268	54.90541	34.45404	20.45137	30.44511	9
1628.155	1628.155	1267.155	90.33028	89.95274	88.06463	84.25315	52.68634	0.238987	47.07467	11.97692	35.09776	32.02622	9
1628.16	1628.16	1267.16	89.56326	73.41035	88.21804	85.94059	50.26201	2.440794	47.2972	24.83934	22.45786	31.48187	9
1628.165	1628.165	1267.165	89.94087	48.86132	88.86705	88.79625	53.75208	1.940764	44.30716	23.88575	20.42141	31.94833	9
1628.17	1628.17	1267.17	88.89065	28.43398	88.44224	87.74603	54.81475	2.57556	42.60969	31.68903	10.92066	32.42177	9
1628.175	1628.175	1267.175	88.54844	35.53551	87.95843	88.02923	54.50843	2.377891	43.11368	21.48453	21.62915	32.12579	9
1628.18	1628.18	1267.18	86.448	34.07343	85.71638	84.53636	57.89209	1.009758	41.09816	29.74457	11.35359	32.88974	9
1628.185	1628.185	1267.185	86.18839	31.38599	85.45678	83.55694	58.78128	0.741823	40.47689	23.53237	16.94452	33.21951	9
1628.19	1628.19	1267.19	87.17961	33.07086	86.77841	86.08219	54.90097	2.344598	42.75443	13.70284	29.0516	32.29803	9
1628.195	1628.195	1267.195	89.03225	42.65097	88.81985	88.64285	49.41493	4.510557	46.07452	24.10528	21.96923	31.28014	9
1628.2	1628.2	1267.2	93.30394	69.53931	93.16234	95.9826	38.42928	8.960928	52.60979	32.34827	20.26152	29.33042	9
1628.205	1628.205	1267.205	94.42496	78.57636	94.41316	99.36927	34.20501	10.94471	54.85028	36.05013	18.80016	28.57237	9
1628.21	1628.21	1267.21	95.42798	69.83173	95.64039	94.82617	33.66084	12.27731	54.06184	24.31693	29.74492	29.64336	9
1628.215	1628.215	1267.215	95.91179	54.33368	96.3602	96.2422	35.13723	12.9446	51.91817	27.23453	24.68364	29.66764	9
1628.22	1628.22	1267.22	94.35416	44.92067	94.61377	94.64917	40.31143	10.02756	49.66101	31.68861	17.9724	30.18202	9
1628.225	1628.225	1267.225	96.1714	45.81184	96.3248	97.56383	39.24697	10.91042	49.84261	32.09918	17.74343	29.85378	9
1628.23	1628.23	1267.23	96.80861	66.78225	97.64643	98.66125	28.28169	16.91263	54.80568	36.5505	18.25518	28.96491	9
1628.235	1628.235	1267.235	101.8237	78.79916	103.6646	107.2282	12.98629	31.54339	55.47032	36.72721	18.74311	27.9404	9
1628.24	1628.24	1267.24	102.8149	91.38697	104.6676	105.5526	8.936667	34.23349	56.82984	53.96975	2.860094	28.55317	9
1628.245	1628.245	1267.245	103.0155	87.33492	103.1335	103.877	23.17613	19.88553	56.93833	24.45101	32.48732	28.73066	9
1628.25	1628.25	1267.25	101.5523	98.76699	102.5081	102.8149	15.26266	25.44205	59.29529	33.92006	25.37523	28.7641	9
1628.255	1628.255	1267.255	101.9771	73.10401	102.3665	101.4933	25.47197	19.87935	54.64868	40.27854	14.37013	29.05162	9
1628.26	1628.26	1267.26	103.3341	68.68992	103.7354	101.4697	25.20026	21.28914	53.5106	21.01294	32.49766	29.20134	9
1628.265	1628.265	1267.265	103.1335	42.95731	103.1807	103.6882	34.35566	16.45372	49.19062	21.91647	27.27415	29.36405	9
1628.27	1628.27	1267.27	104.2074	50.72722	103.9596	104.113	33.77373	15.69932	50.52696	23.46598	27.06098	29.43501	9
1628.275	1628.275	1267.275	105.1632	58.19079	104.8446	105.4464	31.6369	16.58001	51.78309	31.60073	20.18235	29.16833	9
1628.28	1628.28	1267.28	106.2252	46.57769	105.8594	104.9154	33.83602	16.49092	49.67307	31.4677	18.20536	29.58841	9
1628.285	1628.285	1267.285	106.3668	56.97935	105.9538	102.1069	31.55435	16.91116	51.53449	28.05301	23.48148	29.96297	9
1628.29	1628.29	1267.29	105.47	62.68842	105.3284	104.5024	28.89443	18.76979	52.33577	36.42649	15.90928	29.15916	9
1628.295	1628.295	1267.295	103.6292	114.3904	105.6116	106.3078	1.614796	38.45159	59.93361	59.93361	0	-9999	9
1628.3	1628.3	1267.3	101.5169	171.0912	103.9596	101.7175	0	42.17487	57.82513	57.82513	0	-9999	9
1628.305	1628.305	1267.305	98.18924	197.1719	99.78227	81.7397	0	32.16634	67.83366	67.83366	0	-9999	9
1628.31	1628.31	1267.31	93.77595	180.2397	89.35086	81.94031	44.40258	0	55.59742	27.051	28.54642	27.68599	9
1628.315	1628.315	1267.315	89.91727	135.4861	85.66918	80.66588	57.41115	0	42.58885	23.26602	19.32282	27.37083	8
1628.32	1628.32	1267.32	86.96721	93.68452	84.00535	80.83108	60.27293	0	39.72707	9.907769	29.8193	30.11386	8
1628.325	1628.325	1267.325	83.48614	49.48793	81.5509	79.43866	66.21478	0	33.78522	11.70053	22.08469	31.2986	8
1628.33	1628.33	1267.33	82.42412	29.1859	81.7161	80.86649	62.59394	0	37.40606	14.52758	22.87848	32.9526	8
1628.335	1628.335	1267.335	83.08493	31.46953	82.51852	81.5273	60.33593	0.263114	39.40096	11.61317	27.78779	33.17792	8
1628.34	1628.34	1267.34	83.49794	34.14305	83.26193	83.88735	56.74831	1.53836	41.71333	13.62427	28.08905	32.18155	8
1628.345	1628.345	1267.345	82.29431	15.27526	82.37692	82.37692	59.95246	0.734373	39.31317	21.88653	17.42664	33.1449	8
1628.35	1628.35	1267.35	82.50672	23.90849	82.51852	82.77812	58.21651	1.197763	40.58573	29.01626	11.56947	32.6327	8
1628.355	1628.355	1267.355	80.92549	31.52523	80.32367	79.48586	62.58349	0	37.41651	25.76891	11.6476	32.85273	8
1628.36	1628.36	1267.36	80.18207	27.20861	79.96967	82.28251	61.29414	0.024149	38.68171	12.77233	25.90938	32.67016	8
1628.365	1628.365	1267.365	82.34152	20.91471	82.37692	82.01111	58.91009	0.999864	40.09004	25.69015	14.39989	32.91976	8
1628.37	1628.37	1267.37	85.63378	31.88727	85.10277	83.91095	57.61553	1.24011	41.14436	21.65382	19.49053	32.822	8
1628.375	1628.375	1267.375	87.79323	53.51213	86.74301	83.81655	54.41951	1.661166	43.91932	13.10899	30.81034	32.39568	10
1628.38	1628.38	1267.38	90.33028	72.04574	89.40986	85.45678	46.59432	4.249359	49.15632	22.76593	26.39039	31.33736	10
1628.385	1628.385	1267.385	93.49274	65.51511	93.25674	89.45706	39.96106	8.345534	51.69341	24.30081	27.3926	30.73155	10
1628.39	1628.39	1267.39	98.89726	55.93501	98.93266	98.97986	35.2039	13.13913	51.65698	22.52957	29.1274	29.64798	10
1628.395	1628.395	1267.395	103.5702	51.89688	103.641	104.4434	31.6077	17.72561	50.66669	22.03028	28.63641	29.05499	10
1628.4	1628.4	1267.4	106.7326	49.57148	106.7916	105.3284	29.35244	21.26268	49.38488	29.25509	20.12979	29.07948	10
1628.405	1628.405	1267.405	107.8418	46.98151	108.243	108.9157	26.30662	26.0561	47.63728	21.39725	26.24003	28.17744	10
1628.41	1628.41	1267.41	107.7356	60.25162	108.3611	108.7741	21.45537	29.09531	49.44932	21.49251	27.95681	27.9903	10
1628.415	1628.415	1267.415	106.6618	66.28096	107.1338	108.7977	22.17306	26.27709	51.54984	35.75075	15.7991	28.03153	10
1628.42	1628.42	1267.42	105.824	80.55365	106.8034	109.8361	15.55743	30.81383	53.62873	44.87832	8.750418	27.69617	10
1628.425	1628.425	1267.425	104.4552	80.73467	105.2576	105.3756	18.14473	27.04286	54.81241	35.8493	18.96312	28.45089	10
1628.43	1628.43	1267.43	105.8594	127.6466	107.8064	110.0721	0	43.55868	56.44132	56.44132	0	-9999	10
1628.435	1628.435	1267.435	98.04764	203.062	97.23342	89.05585	6.965339	17.19942	75.83524	59.70069	16.13455	-9999	10
1628.44	1628.44	1267.44	90.51908	200.0822	85.09097	79.86346	50.37042	0	49.62958	11.85431	37.77527	25.83024	8
1628.445	1628.445	1267.445	86.94361	112.0928	83.40354	81.7397	60.32098	0	39.67902	22.74102	16.938	28.86177	8
1628.45	1628.45	1267.45	85.59838	45.71437	84.94937	84.35936	55.21646	1.781033	43.0025	28.75481	14.2477	32.07391	8
1628.455	1628.455	1267.455	83.22653	40.70153	83.19113	83.09673	53.85618	2.470301	43.67352	19.77254	23.90099	31.71146	8
1628.46	1628.46	1267.46	84.34756	45.11561	83.55694	81.5037	57.60954	0.909268	41.48119	24.7831	16.69809	32.70582	8
1628.465	1628.465	1267.465	83.03773	30.80115	82.56572	81.5863	59.80948	0.471852	39.71866	25.29104	14.42763	33.07857	8
1628.47	1628.47	1267.47	81.5509	32.43033	81.29129	81.6217	59.13697	0.688602	40.17442	24.36108	15.81334	32.59866	8

1628.475	1628.475	1267.475	82.08191	29.43655	81.6807	81.5509	60.47036	0.274055	39.25558	16.43991	22.81567	33.02145	8
1628.48	1628.48	1267.48	80.65408	36.80264	79.89887	79.55666	62.74493	0	37.25507	13.66851	23.58657	32.54137	8
1628.485	1628.485	1267.485	80.28827	24.78574	80.22927	81.03169	60.5939	0.28093	39.12517	27.76727	11.3579	32.85957	8
1628.49	1628.49	1267.49	82.22351	41.56485	81.17329	79.62746	62.43489	0	37.56511	18.08782	19.47729	32.62977	8
1628.495	1628.495	1267.495	84.12335	60.61366	83.25013	82.04651	54.70545	1.645982	43.64857	20.61999	23.02858	31.78513	8
1628.5	1628.5	1267.5	84.04075	71.26596	81.91671	80.50068	61.89749	0	38.10251	20.01729	18.08522	31.29245	8
1628.505	1628.505	1267.505	82.75452	63.03654	80.53608	78.87224	65.80395	0	34.19605	22.76979	11.42626	30.94503	8
1628.51	1628.51	1267.51	81.96391	24.67434	81.4093	81.31489	62.92025	0	37.07975	20.46652	16.61323	32.90327	8
1628.515	1628.515	1267.515	82.41232	25.80223	82.10551	82.35332	60.31428	0.395688	39.29004	21.91938	17.37066	32.99983	8
1628.52	1628.52	1267.52	81.24409	31.58093	80.37088	79.65106	64.38029	0	35.61971	19.85025	15.76947	32.39324	8
1628.525	1628.525	1267.525	80.97269	38.37612	79.59206	78.15243	66.91798	0	33.08202	17.91187	15.17016	31.75989	8
1628.53	1628.53	1267.53	80.02867	24.84144	79.53306	78.71884	64.20298	0	35.79702	15.24101	20.55601	32.66451	8
1628.535	1628.535	1267.535	81.6099	39.79643	80.74848	80.45348	61.96414	0	38.03586	21.57858	16.45727	32.61121	8
1628.54	1628.54	1267.54	81.5863	30.52266	80.99629	80.22927	62.12671	0	37.87329	9.717452	28.15583	33.00243	8
1628.545	1628.545	1267.545	84.51276	30.42519	83.79295	82.40052	60.46393	0.180407	39.35566	12.86994	26.48572	33.37697	8
1628.55	1628.55	1267.55	91.2507	80.03844	91.62831	89.79927	33.75359	10.77003	55.47637	39.80328	15.67309	29.72398	8
1628.555	1628.555	1267.555	92.53693	175.3243	93.49274	86.4716	5.029948	20.89393	74.07612	68.04646	6.029657	-9999	8
1628.56	1628.56	1267.56	91.2861	194.5124	93.70515	76.20539	0	28.17132	71.82868	71.82868	0	-9999	8
1628.565	1628.565	1267.565	90.67249	205.1786	88.40684	78.32943	24.48686	8.054131	67.45901	45.94189	21.51712	29.88542	8
1628.57	1628.57	1267.57	89.71667	198.3834	82.78992	79.41506	63.13414	0	36.86586	18.91494	17.95092	21.7568	8
1628.575	1628.575	1267.575	87.97023	181.8549	81.8223	80.90189	62.70493	0	37.29507	18.78855	18.50653	24.01077	8
1628.58	1628.58	1267.58	84.80777	113.903	82.34152	82.71912	53.52577	0.764719	45.70951	19.42146	26.28805	30.49712	8
1628.585	1628.585	1267.585	81.83411	71.54445	81.24409	81.84591	51.97146	2.533017	45.49552	19.86919	25.62633	30.71514	8
1628.59	1628.59	1267.59	81.07889	75.20662	81.27949	81.07889	45.65274	4.639871	49.70739	20.72402	28.98337	30.02087	8
1628.595	1628.595	1267.595	80.40628	84.28544	78.03443	75.04897	64.01098	0	35.98902	10.2637	25.72532	31.43508	8
1628.6	1628.6	1267.6	84.05255	98.09861	82.17631	78.61264	53.47264	1.282538	45.24482	27.22839	18.01643	31.41002	8
1628.605	1628.605	1267.605	83.45074	99.26828	80.50068	77.29101	62.06537	0	37.93463	7.625408	30.30922	30.64911	8
1628.61	1628.61	1267.61	82.16451	85.78929	79.66286	76.6066	63.03544	0	36.96456	16.68217	20.28239	31.21243	8
1628.615	1628.615	1267.615	81.26769	65.58474	79.75726	77.12581	61.06806	0	38.93194	11.55787	27.37407	32.4049	8
1628.62	1628.62	1267.62	81.99931	38.45967	81.94031	82.67192	55.71066	1.794124	42.49522	20.79692	21.6983	31.83616	8
1628.625	1628.625	1267.625	84.14695	58.09332	83.10853	82.56572	56.57399	0.996787	42.42923	22.83997	19.58926	32.02083	8
1628.63	1628.63	1267.63	84.87857	78.01938	83.19113	82.02291	56.10865	0.59178	43.29957	10.83051	32.46906	31.79173	8
1628.635	1628.635	1267.635	84.81957	64.2062	83.00233	82.18811	60.51169	0	39.48831	25.66437	13.82395	31.75701	8
1628.64	1628.64	1267.64	85.88159	61.95042	85.10277	86.12939	52.03276	2.551247	45.41599	19.65276	25.76324	31.04011	8
1628.645	1628.645	1267.645	87.76963	44.22444	87.91123	87.79323	47.45221	5.333542	47.21425	22.86037	24.35388	30.92711	8
1628.65	1628.65	1267.65	84.54816	79.96882	81.7043	78.95485	64.90314	0	35.09686	22.61003	12.48683	30.2075	8
1628.655	1628.655	1267.655	85.06737	88.44888	83.79295	80.00507	50.21019	2.565642	47.22417	32.18548	15.03868	31.21938	8
1628.66	1628.66	1267.66	84.93757	78.11685	85.40958	87.26222	39.29508	7.331217	53.3737	31.74842	21.62528	29.23449	8
1628.665	1628.665	1267.665	86.3772	71.37736	86.3772	84.31216	43.25966	5.980532	50.75981	20.16189	30.59792	30.42044	8
1628.67	1628.67	1267.67	88.78445	92.90475	87.65162	86.88461	44.61474	4.323411	51.06185	17.69516	33.36669	30.17666	8
1628.675	1628.675	1267.675	86.448	76.89149	85.12637	80.31187	52.10271	1.960918	45.93637	20.01741	25.91897	31.95228	8
1628.68	1628.68	1267.68	85.36238	99.81133	83.86375	79.34425	48.92666	2.715448	48.35789	25.65724	22.70066	31.03407	8
1628.685	1628.685	1267.685	86.33	117.2588	84.99657	79.61566	42.53383	4.619672	52.8465	29.8566	22.9899	30.32865	8
1628.69	1628.69	1267.69	88.81985	168.0278	86.09399	81.6335	38.74839	3.76914	57.48247	38.19457	19.2879	29.39207	8
1628.695	1628.695	1267.695	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1629.015	1629.015	1268.015	104.9154	125.0566	105.7414	95.81739	6.812526	30.93754	62.24993	51.0005	11.24943	-9999	10
1629.02	1629.02	1268.02	108.5735	85.70574	109.8125	112.5029	9.769184	38.95015	51.28066	45.291	5.98966	27.35191	10
1629.025	1629.025	1268.025	107.3108	93.41996	106.2842	103.4757	26.62272	14.57713	58.80015	30.8615	27.93865	29.80509	10
1629.03	1629.03	1268.03	111.2049	100.4797	111.0515	112.5501	14.56427	28.66563	56.7701	42.69389	14.07621	28.04961	10
1629.035	1629.035	1268.035	114.332	146.4308	113.801	112.5501	3.493665	31.64729	64.85904	59.48274	5.376305	-9999	10
1629.04	1629.04	1268.04	112.8687	209.5787	114.4028	100.0301	0	61.27239	38.72761	38.72761	0	-9999	10
1629.045	1629.045	1268.045	111.1577	226.1629	113.9426	95.78199	0	74.45741	25.54259	25.54259	0	-9999	10
1629.05	1629.05	1268.05	106.355	251.1018	104.172	91.2861	0	14.47027	85.52973	85.52973	0	-9999	8
1629.055	1629.055	1268.055	101.3399	180.8802	95.33358	92.87913	49.54329	0	50.45671	16.55593	33.90078	12.76612	8
1629.06	1629.06	1268.06	96.89121	103.2925	94.08276	94.82617	47.62885	0	52.37115	19.0566	33.31455	29.85654	8
1629.065	1629.065	1268.065	94.97958	59.12373	93.85855	93.42194	46.99878	4.299868	48.70136	22.58777	26.11358	31.12475	8
1629.07	1629.07	1268.07	92.72573	28.48968	92.86733	95.66399	46.70041	7.181518	46.11808	20.69719	25.42089	30.56028	8
1629.075	1629.075	1268.075	93.17414	32.24931	92.51332	92.02951	51.59677	3.900119	44.50312	24.06707	20.43605	31.96195	8
1629.08	1629.08	1268.08	92.80833	44.39154	92.13572	92.12392	49.08634	4.489227	46.42443	16.15511	30.26933	31.34462	8
1629.085	1629.085	1268.085	91.1091	85.20446	92.37172	93.85855	25.7748	15.05176	59.17343	25.50232	33.67111	28.84672	8
1629.09	1629.09	1268.09	90.04707	68.20256	91.0737	93.12694	32.69536	11.97443	55.33021	20.82986	34.50035	29.03663	8
1629.095	1629.095	1268.095	90.21228	95.43902	90.97929	93.06794	27.96409	12.80658	59.22933	24.02165	35.20768	28.67288	2
1629.1	1629.1	1268.1	93.59895	63.00869	93.71695	91.4041	37.72635	9.985754	52.2879	26.38479	25.90311	30.24843	2
1629.105	1629.105	1268.105	90.21228	92.7098	90.89669	88.79625	29.26472	12.26468	58.4706	36.27263	22.19797	29.48881	2
1629.11	1629.11	1268.11	88.69005	49.39046	89.48066	89.69307	40.32539	8.740528	50.93408	34.82352	16.11057	30.04567	2
1629.115	1629.115	1268.115	86.625	24.98068	86.3536	85.17357	56.36306	2.022127	41.61481	24.65904	16.95577	32.72369	2
1629.12	1629.12	1268.12	82.29431	13.78533	82.04651	82.04651	62.87367	0	37.12633	24.23735	12.88898	33.36183	2
1629.125	1629.125	1268.125	83.76934	18.29689	83.60414	83.79295	59.78468	0.77967	39.43565	22.36733	17.06832	33.09047	2
1629.13	1629.13	1268.13	84.79597	28.53145	83.92275	83.58054	61.85054	0	38.14946	15.28344	22.86602	33.05824	2
1629.135	1629.135	1268.135	90.96749	48.1094	90.48368	91.06189	48.41696	4.700884	46.88216	32.9613	13.92085	31.01395	2
1629.14	1629.14	1268.14	88.54844	26.38706	87.79323	87.02621	58.00268	1.146563	40.85075	15.80626	25.04449	33.04733	2
1629.145	1629.145	1268.145	87.48642	65.59866	87.19142	86.271	45.92391	5.045934	49.03015	24.44657	24.58358	30.61093	2
1629.15	1629.15	1268.15	92.12392	143.0471	90.58989	86.2474	32.51734	7.083303	60.39936	39.62093	20.77844	29.64062	2

1629.155	1629.155	1268.155	88.86705	29.03273	88.92605	87.74603	50.75913	4.567679	44.67319	24.18216	20.49103	31.80325	2
1629.16	1629.16	1268.16	85.26798	31.49738	86.17659	87.38022	46.8893	5.825872	47.28483	17.38023	29.90459	30.70289	2
1629.165	1629.165	1268.165	84.65436	30.28594	84.35936	82.86073	57.07508	1.524452	41.40046	22.09809	19.30237	32.74307	2
1629.17	1629.17	1268.17	85.78719	38.75208	85.04377	83.45074	57.45925	1.069428	41.47132	11.86218	29.60914	32.7695	2
1629.175	1629.175	1268.175	84.31216	18.14372	84.25315	84.73696	58.4993	1.305243	40.19546	25.76747	14.42799	32.8111	2
1629.18	1629.18	1268.18	83.47434	24.15913	84.01715	84.99657	53.15031	3.195982	43.65371	20.12075	23.53296	31.66412	2
1629.185	1629.185	1268.185	83.32094	31.72018	84.08795	84.73696	49.72408	4.31871	45.95721	19.54213	26.41508	31.11264	9
1629.19	1629.19	1268.19	84.14695	40.52051	84.02895	84.27676	53.69336	2.568079	43.73856	26.53137	17.20719	31.66173	9
1629.195	1629.195	1268.195	86.86101	77.12821	85.20897	83.98175	54.22611	0.993152	44.78074	14.37855	30.40218	31.65244	9
1629.2	1629.2	1268.2	89.38626	133.5923	87.07341	84.92577	43.35986	2.916069	53.72407	35.51711	18.20696	29.84496	9
1629.205	1629.205	1268.205	90.29488	114.0144	89.06765	84.18235	38.84822	5.849934	55.30184	23.68054	31.6213	30.25816	9
1629.21	1629.21	1268.21	89.69307	120.2944	88.90245	83.56874	34.49841	7.780555	57.72103	24.85405	32.86699	29.96936	9
1629.215	1629.215	1268.215	89.87007	126.9643	88.34784	83.02593	38.39148	5.464139	56.14438	30.29479	25.8496	30.13181	9
1629.22	1629.22	1268.22	88.67825	113.4296	86.684	84.61896	46.42143	2.595497	50.98308	17.23292	33.75016	30.35361	9
1629.225	1629.225	1268.225	86.6486	96.1631	84.99657	81.5155	49.81508	2.238001	47.94692	20.39633	27.55059	31.11004	9
1629.23	1629.23	1268.23	85.09097	57.56418	83.74574	81.3621	58.21129	0.271992	41.51672	20.3379	21.17882	32.72927	9
1629.235	1629.235	1268.235	84.34756	41.38383	83.26193	81.84591	60.79893	0	39.20107	21.11964	18.08143	32.95756	9
1629.24	1629.24	1268.24	85.24438	50.86646	84.87857	85.40958	52.1005	2.910744	44.98876	17.9992	26.98956	31.26133	9
1629.245	1629.245	1268.245	86.6368	49.94744	86.4008	85.64558	50.0359	3.834373	46.12973	27.5005	18.62923	31.27586	8
1629.25	1629.25	1268.25	85.18537	47.51064	85.19717	84.68976	50.04043	3.877807	46.08176	26.90067	19.18109	31.20059	8
1629.255	1629.255	1268.255	87.13241	63.10616	86.3654	84.86677	50.51086	3.080985	46.40815	32.53881	13.86934	31.33337	8
1629.26	1629.26	1268.26	87.82863	96.72008	86.4008	85.48038	46.85708	3.272802	49.87012	33.25663	16.61349	30.3422	8
1629.265	1629.265	1268.265	86.5542	87.02858	84.39476	82.03471	56.04491	0	43.95509	22.00932	21.94576	32.00113	8
1629.27	1629.27	1268.27	89.00865	78.74346	87.48642	83.72214	50.85342	2.00292	47.14366	16.19429	30.94938	31.73149	8
1629.275	1629.275	1268.275	91.2035	69.81781	90.58989	89.96447	43.95237	5.724249	50.32338	24.73322	25.59016	30.45487	8
1629.28	1629.28	1268.28	91.1445	99.15688	91.0737	89.82287	32.69981	10.01274	57.28745	30.48467	26.80278	29.40283	8
1629.285	1629.285	1268.285	87.32122	73.75846	87.81683	86.2238	37.97395	8.397539	53.62851	24.04539	29.58311	29.90266	8
1629.29	1629.29	1268.29	85.83439	48.37396	86.12939	85.98779	47.03957	5.179529	47.7809	33.74863	14.03228	30.7566	8
1629.295	1629.295	1268.295	83.61594	49.44616	83.72214	84.15875	50.2843	3.638349	46.07735	24.88861	21.18875	30.96399	8
1629.3	1629.3	1268.3	80.96089	21.77803	80.71308	79.66286	62.16619	0	37.83381	6.402344	31.43147	33.33777	8
1629.305	1629.305	1268.305	83.89915	64.35937	82.54212	82.24711	57.75478	0.443322	41.8019	28.2424	13.5595	32.06147	8
1629.31	1629.31	1268.31	83.94635	72.26853	82.49492	79.33245	56.52896	0.718234	42.75281	26.97719	15.77562	32.24631	8
1629.315	1629.315	1268.315	85.30338	52.8159	83.96995	82.04651	59.07351	0.034371	40.89212	24.49323	16.39889	32.89831	8
1629.32	1629.32	1268.32	86.17659	62.85552	85.55118	84.97297	50.35345	3.21247	46.43408	31.99274	14.44134	31.08874	8
1629.325	1629.325	1268.325	84.47736	65.01383	84.73696	85.29158	44.53554	5.539811	49.92465	20.41762	29.50703	30.07043	8
1629.33	1629.33	1268.33	81.6689	66.22527	82.08191	79.01385	45.63728	4.847647	49.51507	21.01837	28.49671	30.72031	8
1629.335	1629.335	1268.335	82.32972	61.79725	82.70732	81.7987	46.37527	4.72851	48.89622	33.17774	15.71848	30.49534	8
1629.34	1629.34	1268.34	81.3621	46.56377	81.6217	82.51852	51.8665	2.974454	45.15905	23.39974	21.75931	31.04549	2
1629.345	1629.345	1268.345	81.4329	33.40505	81.5391	83.42714	56.17465	1.697227	42.12813	28.96173	13.1664	31.75299	2
1629.35	1629.35	1268.35	79.35605	36.38491	80.01687	82.42412	53.06598	2.536256	44.39777	15.79758	28.60018	31.03274	2
1629.355	1629.355	1268.355	79.43866	34.43547	79.21445	80.01687	60.32064	0.257745	39.42162	12.02752	27.3941	32.5766	2
1629.36	1629.36	1268.36	80.22927	62.27069	79.40326	80.47708	57.52119	0.889784	41.58902	22.28749	19.30153	31.5481	2
1629.365	1629.365	1268.365	79.88707	73.49389	78.14063	74.69496	62.25326	0	37.74674	11.74111	26.00563	32.21609	2
1629.37	1629.37	1268.37	75.30857	37.87484	74.76576	74.32915	65.75719	0	34.24281	19.26989	14.97292	31.8797	2
1629.375	1629.375	1268.375	74.90736	23.60215	74.87196	74.63596	65.64786	0	34.35214	16.30684	18.04529	31.99328	2
1629.38	1629.38	1268.38	76.25259	23.75532	76.24079	77.19661	64.19028	0	35.80972	25.34751	10.46221	32.1091	2
1629.385	1629.385	1268.385	77.95183	28.5593	77.98723	78.49464	61.09861	0.020503	38.88088	7.680083	31.2008	32.81196	9
1629.39	1629.39	1268.39	80.97269	68.94056	79.80446	80.25287	57.87525	0.660927	41.46382	11.53918	29.92464	31.65229	9
1629.395	1629.395	1268.395	81.85771	79.28652	80.08767	79.32065	59.22136	0.002772	40.77587	13.09423	27.68165	31.99833	9
1629.4	1629.4	1268.4	82.76632	192.9389	78.90764	77.82202	47.06854	2.573447	50.35801	31.20128	19.15674	28.31947	9
1629.405	1629.405	1268.405	77.31461	79.46753	77.63322	76.819	47.17021	3.891826	48.93796	16.44476	32.49321	30.01695	9
1629.41	1629.41	1268.41	77.94003	114.0562	77.84562	78.18783	41.4252	5.494924	53.07988	24.62281	28.45707	28.71654	9
1629.415	1629.415	1268.415	72.15791	108.0268	71.8039	72.16971	50.21579	3.198065	46.58615	17.41729	29.16885	29.20414	9
1629.42	1629.42	1268.42	70.91888	132.0049	68.75944	66.12798	59.54513	1.882722	38.57215	25.73641	12.83574	30.35618	9
1629.425	1629.425	1268.425	75.74518	167.1923	73.10193	69.05444	50.33911	3.654019	46.00687	28.16591	17.84097	28.98694	9
1629.43	1629.43	1268.43	75.32037	115.755	73.72734	70.88348	55.03856	2.047992	42.91345	15.31777	27.59567	30.44225	9
1629.435	1629.435	1268.435	76.5476	108.3749	74.87196	73.06652	56.33564	1.530731	42.13363	19.9805	22.15313	30.69734	9
1629.44	1629.44	1268.44	77.30281	101.2456	76.28799	74.39995	52.24485	2.48779	45.26736	30.25862	15.00874	30.34453	9
1629.445	1629.445	1268.445	85.98779	137.0178	84.83137	83.67494	36.69521	6.435883	56.86891	27.90038	28.96852	28.84768	9
1629.45	1629.45	1268.45	96.3838	158.1692	97.11542	102.0833	7.379933	22.02445	70.59561	52.29429	18.30132	-9999	9
1629.455	1629.455	1268.455	95.12118	207.8521	95.66399	94.92057	0	23.15396	76.84604	76.84604	0	-9999	9
1629.46	1629.46	1268.46	95.09758	160.049	96.0298	96.70241	6.553663	22.06111	71.38522	64.06452	7.320701	-9999	9
1629.465	1629.465	1268.465	95.36898	157.2363	95.19198	94.77897	15.58114	16.02498	68.39389	52.41069	15.9832	29.11069	9
1629.47	1629.47	1268.47	91.73451	112.2181	90.92029	89.50426	34.75764	7.956486	57.28587	29.47708	27.80879	29.44994	9
1629.475	1629.475	1268.475	92.82013	141.2926	92.10032	88.08823	25.99123	10.81878	63.19	44.18461	19.00539	29.49798	9
1629.48	1629.48	1268.48	90.51908	89.78564	90.47188	91.56931	35.36013	9.131467	55.50841	33.05061	22.4578	29.16516	9
1629.485	1629.485	1268.485	90.46008	78.18647	90.88489	92.46612	34.56333	10.33051	55.10616	20.64059	34.46557	29.13138	10
1629.49	1629.49	1268.49	90.20048	85.70574	89.84647	90.33028	39.01833	7.413445	53.56823	30.70205	22.86618	29.56081	10
1629.495	1629.495	1268.495	90.84949	73.78631	91.2861	92.46612	35.17846	10.34212	54.47942	19.52222	34.9572	29.28489	10
1629.5	1629.5	1268.5	92.64313	48.56891	92.70213	92.34812	42.55739	8.090749	49.35186	18.00523	31.34663	30.45472	10
1629.505	1629.505	1268.505	94.24796	49.91959	94.71997	95.30998	37.55326	11.3909	51.05584	17.65483	33.40101	29.75863	10
1629.51	1629.51	1268.51	96.57261	50.78292	96.70241	97.71723	37.85776	11.43008	50.71216	28.53003	22.18213	29.72429	10
1629.515	1629.515	1268.515	98.57865	48.66638	98.67305	99.08606	36.79876	12.74965	50.45159	25.12836	25.32323	29.72811	10

1629.52	1629.52	1268.52	99.82947	55.74006	100.5375	102.1423	29.18067	18.58295	52.23637	38.09457	14.1418	28.7849	10
1629.525	1629.525	1268.525	101.3281	58.87309	101.8591	104.8564	28.41552	19.24099	52.34349	34.87656	17.46692	28.44056	10
1629.53	1629.53	1268.53	101.7529	47.84483	102.3665	103.4639	30.05337	19.62815	50.31848	31.28172	19.03676	28.82896	10
1629.535	1629.535	1268.535	104.0068	49.6411	104.29	105.5408	30.10579	19.84741	50.0468	20.59252	29.45428	28.7478	10
1629.54	1629.54	1268.54	103.2161	38.84956	103.2869	102.7677	35.09084	16.45503	48.45413	25.41471	23.03943	29.59728	10
1629.545	1629.545	1268.545	102.2367	43.41682	102.2131	102.0007	35.61825	14.99988	49.38187	23.3479	26.03397	29.66713	10
1629.55	1629.55	1268.55	99.82947	53.16402	99.74687	101.0567	35.93135	12.98448	51.08416	29.59163	21.49253	29.48299	10
1629.555	1629.555	1268.555	98.09484	78.43712	97.44583	97.83523	35.80082	9.800781	54.3984	32.26971	22.12869	29.65122	10
1629.56	1629.56	1268.56	96.313	93.43388	95.68759	95.45159	33.62799	9.876558	56.49545	23.46471	33.03075	29.48757	10
1629.565	1629.565	1268.565	92.84373	114.8359	91.2861	89.71667	38.86512	5.2739	55.86098	27.46339	28.39759	29.82496	10
1629.57	1629.57	1268.57	89.79927	99.67209	87.81683	89.74027	48.62794	1.880007	49.49205	31.45222	18.03983	30.17013	10
1629.575	1629.575	1268.575	87.67523	96.51121	85.98779	81.7987	49.0607	2.339071	48.60023	25.67294	22.92729	31.21461	10
1629.58	1629.58	1268.58	86.89641	125.8642	85.51578	88.45404	40.29603	5.179643	54.52432	23.22967	31.29466	28.52707	10
1629.585	1629.585	1268.585	87.91123	94.43645	86.05859	85.57478	50.62599	1.681608	47.6924	27.34208	20.35032	30.79721	10
1629.59	1629.59	1268.59	88.78445	72.78374	88.37144	88.10003	43.90546	5.658036	50.43651	28.023	22.41351	30.23442	10
1629.595	1629.595	1268.595	94.17716	68.43927	93.44554	93.53995	42.46473	6.494858	51.04042	34.39793	16.64248	30.29746	8
1629.6	1629.6	1268.6	92.89093	61.05925	91.65191	89.72847	49.36645	3.075454	47.5581	20.45849	27.09961	31.61911	8
1629.605	1629.605	1268.605	90.90849	81.55622	90.33028	89.71667	41.10872	6.533217	52.35806	34.04734	18.31072	30.02131	8
1629.61	1629.61	1268.61	92.60773	69.33045	92.93813	92.87913	35.46227	10.75957	53.77816	19.87648	33.90169	29.59069	8
1629.615	1629.615	1268.615	92.24192	87.08428	92.82013	92.30092	29.5819	12.87442	57.54368	32.86532	24.67836	29.2599	8
1629.62	1629.62	1268.62	88.84345	70.13807	89.20926	88.25344	38.45561	8.538996	53.0054	27.47391	25.53149	29.8935	8
1629.625	1629.625	1268.625	85.69278	45.04599	85.86979	87.43922	48.88973	4.487181	46.62309	23.59892	23.02416	30.71253	8
1629.63	1629.63	1268.63	84.05255	32.73667	84.21775	83.58054	53.46905	2.875964	43.65498	19.96737	23.68761	31.89965	8
1629.635	1629.635	1268.635	83.42714	40.99394	83.37994	83.09673	53.69231	2.532864	43.77483	22.69032	21.08451	31.71484	8
1629.64	1629.64	1268.64	86.6486	51.10318	86.6486	85.75179	47.91631	4.737211	47.34647	16.08058	31.26589	30.99622	8
1629.645	1629.645	1268.645	89.40986	36.85834	89.99987	90.56628	44.25062	7.552896	48.19649	34.41778	13.77871	30.51426	8
1629.65	1629.65	1268.65	90.36568	22.40464	90.25948	90.08247	52.26472	4.25133	43.48395	28.84849	14.63547	31.98105	8
1629.655	1629.655	1268.655	86.4834	49.13982	88.00563	90.27128	36.74614	10.00965	53.24421	32.2483	20.99591	29.39142	8
1629.66	1629.66	1268.66	84.79597	36.31528	85.63378	86.08219	46.70633	5.642612	47.65106	15.88838	31.76268	30.74054	8
1629.665	1629.665	1268.665	82.63652	30.71761	83.33274	84.50096	51.14508	3.698667	45.15625	27.78051	17.37574	31.20062	8
1629.67	1629.67	1268.67	84.81957	22.7249	84.55996	83.68674	58.47851	1.187461	40.33402	17.8227	22.51132	33.00874	8
1629.675	1629.675	1268.675	84.07615	18.21334	84.17055	84.48916	57.5107	1.686912	40.80239	15.22746	25.57493	32.63866	8
1629.68	1629.68	1268.68	82.97873	15.23348	83.14393	83.58054	58.69274	1.24147	40.06579	20.70335	19.36243	32.83928	8
1629.685	1629.685	1268.685	81.4801	27.75167	82.35332	83.15573	51.55497	3.454477	44.99056	26.81918	18.17138	31.33741	8
1629.69	1629.69	1268.69	81.32669	49.68287	82.30611	84.76057	45.56568	5.159509	49.27481	17.94805	31.32676	29.95471	8
1629.695	1629.695	1268.695	81.5509	43.55606	82.12911	84.68976	49.95146	3.726811	46.32173	14.91749	31.40424	30.53841	8
1629.7	1629.7	1268.7	81.4093	64.45685	80.92549	80.02867	53.25442	2.212746	44.53284	22.43265	22.10018	31.26378	8
1629.705	1629.705	1268.705	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1630.01	1630.01	1269.01	79.94607	120.3919	78.51824	73.10193	48.38047	3.325309	48.29422	21.93889	26.35534	30.35193	1
1630.015	1630.015	1269.015	81.4801	94.43645	81.6217	82.36512	41.08727	5.930556	52.98218	27.75681	25.22536	29.15484	1
1630.02	1630.02	1269.02	80.55968	74.63571	79.82806	79.69826	53.49327	2.036487	44.47024	18.62051	25.84973	30.91975	1
1630.025	1630.025	1269.025	78.31763	54.459	78.47104	78.30583	53.57982	2.154346	44.26583	18.34169	25.92414	31.19057	1
1630.03	1630.03	1269.03	75.42657	65.20877	75.17877	71.40269	56.74752	1.209973	42.04251	16.94811	25.0944	31.9536	1
1630.035	1630.035	1269.035	72.51191	66.61515	71.8511	66.9186	62.28948	0	37.71052	6.726451	30.98407	32.84294	1
1630.04	1630.04	1269.04	73.31433	63.56567	72.16971	69.78606	66.03876	0	33.96124	10.55439	23.40686	32.01004	1
1630.045	1630.045	1269.045	74.42355	58.37181	73.23173	70.83628	66.64099	0	33.35901	20.49057	12.86844	31.95564	1
1630.05	1630.05	1269.05	77.01961	66.50376	75.66258	74.21115	63.56502	0	36.43498	7.097187	29.33779	31.99269	1
1630.055	1630.055	1269.055	77.86922	84.09049	76.4768	73.10193	58.80174	0.633777	40.56449	16.40384	24.16064	31.99127	1
1630.06	1630.06	1269.06	77.46802	70.79253	76.39419	74.10495	59.91976	0.338865	39.74138	14.03635	25.70503	32.23009	1
1630.065	1630.065	1269.065	77.07861	75.7079	75.24957	73.10193	64.94141	0	35.05859	24.55068	10.50791	31.78429	1
1630.07	1630.07	1269.07	75.17877	60.25162	74.23475	71.8039	63.57079	0	36.42921	20.32149	16.10772	32.29865	1
1630.075	1630.075	1269.075	74.30555	70.61151	72.75972	72.51191	66.53111	0	33.46889	19.78207	13.68682	31.51326	1
1630.08	1630.08	1269.08	77.78662	129.8884	74.97816	73.05472	58.76886	0.852195	40.37895	26.21114	14.16781	30.75939	1
1630.085	1630.085	1269.085	78.37663	78.70168	77.42081	77.00781	56.25529	1.29739	42.44732	22.4572	19.99012	31.16768	1
1630.09	1630.09	1269.09	78.76604	205.3874	76.33519	72.71252	36.67057	6.733105	56.59633	34.23482	22.36151	27.49058	1
1630.095	1630.095	1269.095	80.90189	423.7247	72.91312	65.25476	24.9418	10.30328	64.75492	31.31196	33.44296	24.13796	1
1630.1	1630.1	1269.1	76.00479	241.0483	69.85686	65.97458	59.38834	2.863288	37.74837	16.60649	21.14187	28.52647	1
1630.105	1630.105	1269.105	68.58243	95.66181	65.01876	62.83571	81.37247	0	18.62753	9.935788	8.691741	32.75973	1
1630.11	1630.11	1269.11	67.27261	42.03828	65.88018	64.14554	78.72726	0	21.27274	10.26372	11.00903	31.70095	1
1630.115	1630.115	1269.115	66.9658	22.65528	66.18698	66.09258	78.94471	0	21.05529	21.05529	0	31.12247	1
1630.12	1630.12	1269.12	67.61481	35.9811	66.65899	63.88594	76.49455	0	23.50545	19.40639	4.099058	31.6798	1
1630.125	1630.125	1269.125	68.03962	28.71247	67.56761	66.22238	74.11321	0	25.88679	10.85054	15.03625	31.26432	1
1630.13	1630.13	1269.13	69.34945	67.56203	67.85082	65.83298	71.46289	0	28.53711	4.801649	23.73546	31.7957	1
1630.135	1630.135	1269.135	69.44385	48.83348	68.09862	67.27261	74.71947	0	25.28053	4.500194	20.78034	31.41848	1
1630.14	1630.14	1269.14	68.80664	29.71504	68.40543	67.40241	72.61622	0	27.38378	19.38731	7.996473	31.23848	1
1630.145	1630.145	1269.145	66.9422	21.88943	66.69439	66.02178	75.03642	0	24.96358	4.579752	20.38382	31.01377	1
1630.15	1630.15	1269.15	66.69439	26.15035	66.65899	66.9658	72.58713	0	27.41287	20.30448	7.108386	30.80128	1
1630.155	1630.155	1269.155	65.29017	33.64177	65.01876	64.62935	73.89513	0	26.10487	16.35546	9.749407	30.97542	1
1630.16	1630.16	1269.16	65.66777	35.11777	65.32557	64.21634	73.73925	0	26.26075	3.996255	22.26449	31.15228	1
1630.165	1630.165	1269.165	66.836	51.06141	66.04538	64.99516	72.2813	0	27.7187	10.94761	16.77109	31.40229	1
1630.17	1630.17	1269.17	63.92134	31.35814	64.28714	64.70015	70.76869	0	29.23131	13.31347	15.91784	30.54585	1
1630.175	1630.175	1269.175	64.60575	29.90998	64.53495	63.37853	73.8732	0	26.1268	4.746972	21.37982	30.99709	1
1630.18	1630.18	1269.18	64.28714	37.35963	63.67353	63.31952	76.57029	0	23.42971	14.76205	8.66765	31.13696	1

1630.185	1630.185	1269.185	63.75613	30.2581	62.55251	60.85327	83.34999	0	16.65001	6.459346	10.19066	31.91522	1
1630.19	1630.19	1269.19	62.61151	29.13021	61.9507	62.89472	80.46921	0	19.53079	17.5912	1.939594	31.00608	1
1630.195	1630.195	1269.195	65.70317	45.32448	65.10136	64.78275	73.2486	0	26.7514	22.38595	4.365444	31.1585	1
1630.2	1630.2	1269.2	68.18122	62.20106	66.954	65.66777	71.73161	0	28.26839	12.00027	16.26812	31.61293	1
1630.205	1630.205	1269.205	64.06294	48.38789	62.93012	61.13648	78.13161	0	21.86839	8.818066	13.05033	31.75441	1
1630.21	1630.21	1269.21	61.01848	29.353	60.75887	61.21908	78.77152	0	21.22848	8.581593	12.64689	30.80703	1
1630.215	1630.215	1269.215	59.81485	19.4387	59.66145	59.51985	81.45504	0	18.54496	14.64771	3.897245	30.90277	1
1630.22	1630.22	1269.22	58.65843	19.16021	57.96221	56.61699	86.79314	0	13.20686	9.508623	3.698242	31.91805	1
1630.225	1630.225	1269.225	60.42847	91.79078	59.09504	60.21606	72.52651	0	27.47349	6.789034	20.68446	31.74273	1
1630.23	1630.23	1269.23	59.07144	39.69896	58.29262	57.2424	82.08295	0	17.91705	17.91705	0	31.69977	1
1630.235	1630.235	1269.235	65.14856	80.77644	62.98912	61.50229	77.25112	0	22.74888	20.58916	2.159719	32.30448	1
1630.24	1630.24	1269.24	65.17216	51.40952	63.81513	62.68231	78.11747	0	21.88253	6.903781	14.97875	31.70735	1
1630.245	1630.245	1269.245	66.9894	78.04723	64.95976	63.82694	75.21205	0	24.78795	11.75862	13.02934	31.96162	1
1630.25	1630.25	1269.25	70.81268	133.3835	67.70921	66.06898	66.62538	0.660324	32.7143	27.45798	5.256318	31.44695	1
1630.255	1630.255	1269.255	71.7921	148.6866	68.22843	64.84176	65.58758	1.028423	33.38399	28.37055	5.013448	31.27901	1
1630.26	1630.26	1269.26	67.95702	85.10699	65.78578	64.12194	73.7108	0	26.2892	10.35324	15.93597	32.05481	4
1630.265	1630.265	1269.265	66.22238	61.69978	64.21634	60.80607	79.69088	0	20.30912	11.28432	9.024804	32.44615	4
1630.27	1630.27	1269.27	71.34369	123.4274	67.68561	64.12194	72.84446	0	27.15554	20.20537	6.950179	32.45197	4
1630.275	1630.275	1269.275	77.09041	192.0616	73.89254	65.97458	47.38137	4.319868	48.29876	28.57972	19.71904	28.98918	4
1630.28	1630.28	1269.28	75.48557	193.8997	70.88348	63.01272	59.29578	2.182609	38.52161	14.26751	24.2541	30.27788	4
1630.285	1630.285	1269.285	73.73914	141.5154	70.39967	66.22238	63.79414	0.787039	35.41882	28.60893	6.809891	31.43137	4
1630.29	1630.29	1269.29	74.04595	146.6954	69.70346	65.80938	70.03174	0	29.96826	19.61633	10.35193	32.06185	4
1630.295	1630.295	1269.295	72.96032	136.0988	68.67683	67.0366	73.13763	0	26.86237	7.168955	19.69341	31.83776	4
1630.3	1630.3	1269.3	71.9809	95.43902	69.56185	67.48501	69.42896	0	30.57104	12.70973	17.86131	31.88647	4
1630.305	1630.305	1269.305	77.52702	116.0195	76.5004	73.82174	48.55473	3.50139	47.94388	19.93985	28.00403	29.77177	4
1630.31	1630.31	1269.31	77.75122	74.25974	78.04623	78.58904	48.21172	3.6307	48.15758	28.09889	20.05869	29.98581	4
1630.315	1630.315	1269.315	75.68618	79.8992	75.15517	73.11373	55.14844	1.703392	43.14816	24.07806	19.07011	31.09657	4
1630.32	1630.32	1269.32	75.45017	97.82012	74.49435	71.9927	54.32097	2.045438	43.63359	12.68993	30.94366	30.66798	4
1630.325	1630.325	1269.325	75.00176	109.0433	72.68892	70.60027	62.53446	0.285282	37.18026	14.19041	22.98985	31.66114	4
1630.33	1630.33	1269.33	73.29073	81.84864	72.0399	70.19907	62.45906	0.114785	37.42616	22.56737	14.85879	32.07181	4
1630.335	1630.335	1269.335	70.08106	44.21052	69.60905	67.34341	68.48455	0	31.51545	6.782028	24.73342	31.72623	4
1630.34	1630.34	1269.34	67.82722	30.41127	66.8714	65.95098	77.64704	0	22.35296	13.31303	9.039931	31.32492	4
1630.345	1630.345	1269.345	71.23749	51.71586	69.89226	68.84204	72.37179	0	27.62821	14.41572	13.21249	31.44631	4
1630.35	1630.35	1269.35	75.50918	107.1635	74.39995	71.01328	53.19447	2.39462	44.41091	32.2117	12.19922	30.48404	4
1630.355	1630.355	1269.355	76.21719	86.12348	75.39117	72.19331	55.43993	1.64801	42.91206	18.45198	24.46007	31.2565	4
1630.36	1630.36	1269.36	73.03112	61.96435	71.8983	67.79182	66.59537	0	33.40463	5.930337	27.47429	32.28406	4
1630.365	1630.365	1269.365	76.5476	87.97545	75.43837	75.66258	56.88263	1.267888	41.84948	30.30491	11.54457	30.82905	4
1630.37	1630.37	1269.37	70.41147	49.27906	69.05444	68.02782	73.81288	0	26.18712	19.15114	7.035977	31.43273	4
1630.375	1630.375	1269.375	68.99544	28.96311	68.35823	67.1664	74.45352	0	25.54648	6.647691	18.89879	31.28883	4
1630.38	1630.38	1269.38	68.86564	31.6227	68.02782	66.57639	75.484	0	24.516	6.831642	17.68436	31.3776	4
1630.385	1630.385	1269.385	73.59754	71.90649	71.8511	70.60027	68.42377	0	31.57623	12.9328	18.64343	31.58282	4
1630.39	1630.39	1269.39	74.75396	66.67085	73.60934	71.33189	63.96284	0	36.03716	23.43942	12.59774	32.16928	4
1630.395	1630.395	1269.395	74.14035	52.16145	73.68014	73.03112	62.73443	0	37.26557	21.16483	16.10074	32.12171	4
1630.4	1630.4	1269.4	75.99299	48.9588	75.46197	71.24929	62.35376	0	37.64624	16.7482	20.89804	32.94985	4
1630.405	1630.405	1269.405	79.15545	81.5423	78.67164	72.33491	51.19328	2.741284	46.06544	20.23538	25.83006	31.53449	4
1630.41	1630.41	1269.41	77.81022	152.9336	75.87498	70.32887	46.40278	4.150025	49.4472	19.2786	30.1686	29.36087	4
1630.415	1630.415	1269.415	81.4447	166.6214	79.19085	74.37635	42.2158	4.665119	53.11908	22.89548	30.2236	28.95456	4
1630.42	1630.42	1269.42	85.64558	93.19716	85.18537	85.05557	42.21897	5.612254	52.16877	30.96728	21.20149	29.61956	4
1630.425	1630.425	1269.425	81.5273	83.90947	80.25287	78.54184	54.5656	1.51376	43.92064	24.99137	18.92927	31.26569	4
1630.43	1630.43	1269.43	74.78936	45.31056	73.95154	72.78332	66.72172	0	33.27828	21.25216	12.02612	31.80625	4
1630.435	1630.435	1269.435	72.54731	53.0387	71.7331	68.44083	66.73129	0	33.26871	9.301169	23.96754	32.13032	4
1630.44	1630.44	1269.44	69.45565	55.94893	68.91284	66.50559	66.76795	0	33.23205	16.39736	16.83469	31.86852	4
1630.445	1630.445	1269.445	68.44083	47.39924	67.54401	65.46717	72.51416	0	27.48584	12.60496	14.88088	31.59369	4
1630.45	1630.45	1269.45	67.79182	38.04193	66.9186	64.14554	75.19282	0	24.80718	7.659829	17.14735	31.65499	4
1630.455	1630.455	1269.455	68.88924	51.08926	67.34341	66.43479	76.2385	0	23.7615	8.52124	15.24026	31.50825	4
1630.46	1630.46	1269.46	77.89282	237.414	72.91312	64.91256	49.47712	4.077911	46.44497	19.11741	27.32756	28.29976	4
1630.465	1630.465	1269.465	74.80116	196.0441	71.6269	66.70619	48.34083	4.697255	46.96192	33.49907	13.46285	28.20214	4
1630.47	1630.47	1269.47	74.96636	135.2911	73.84534	71.7331	46.97842	4.18685	48.83473	21.82054	27.01419	28.92845	4
1630.475	1630.475	1269.475	75.86318	134.3721	74.69496	75.11977	46.74155	4.174073	49.08437	20.12379	28.96058	28.5244	4
1630.48	1630.48	1269.48	81.09069	144.8434	78.96665	75.19057	46.8058	3.478133	49.71607	25.41335	24.30272	29.51397	4
1630.485	1630.485	1269.485	80.58328	106.328	80.08767	80.76028	43.97298	4.77217	51.25485	29.0155	22.23935	29.11713	4
1630.49	1630.49	1269.49	79.14365	99.1708	78.73064	77.98723	46.38932	4.094345	49.51633	23.18782	26.32851	29.63685	4
1630.495	1630.495	1269.495	81.4211	228.6693	79.99327	80.89009	20.82029	10.87888	68.30083	42.39375	25.90708	26.88577	4
1630.5	1630.5	1269.5	78.06983	148.0321	76.642	73.72734	43.41766	4.904582	51.67776	30.59591	21.08185	28.76464	4
1630.505	1630.505	1269.505	80.63048	215.8169	77.01961	75.01356	41.57653	4.897598	53.52587	33.93632	19.58955	27.35798	4
1630.51	1630.51	1269.51	79.48586	173.5559	76.29979	71.6859	49.5645	3.01332	47.42218	21.14671	26.27547	29.23167	4
1630.515	1630.515	1269.515	81.09069	278.3244	77.38541	70.52947	26.75796	8.869898	64.37214	29.15318	35.21896	26.97325	4
1630.52	1630.52	1269.52	76.98421	191.1844	72.77152	67.0838	55.55623	2.446541	41.99723	24.83476	17.16247	29.53229	4
1630.525	1630.525	1269.525	78.51824	225.1882	74.30555	66.9776	45.916	4.545815	49.53818	26.81588	22.7223	28.19563	4
1630.53	1630.53	1269.53	80.14667	314.1244	74.06955	66.61179	37.34467	6.683348	55.97198	20.29805	35.67393	26.08816	4
1630.535	1630.535	1269.535	73.75094	81.89041	71.8275	69.69166	67.23831	0	32.76169	13.91417	18.84752	31.80711	4
1630.54	1630.54	1269.54	73.23173	68.89878	71.7921	69.37305	67.11043	0	32.88957	16.43716	16.45241	31.91637	4
1630.545	1630.545	1269.545	72.68892	74.53824	71.17849	68.33463	66.79378	0	33.20622	23.16969	10.03653	32.04008	4

1630.55	1630.55	1269.55	73.24353	68.02154	71.6623	67.61481	68.40929	0	31.59071	19.65418	11.93653	32.12393	4
1630.555	1630.555	1269.555	70.61207	52.64881	70.04566	66.8478	66.68557	0	33.31443	17.19092	16.12351	32.05211	4
1630.56	1630.56	1269.56	68.58243	54.72357	67.93342	66.43479	68.69091	0	31.30909	7.672569	23.63652	31.58759	4
1630.565	1630.565	1269.565	66.74159	49.16767	65.83298	64.01574	73.74095	0	26.25905	11.70114	14.55791	31.5524	4
1630.57	1630.57	1269.57	66.65899	31.02395	66.22238	65.80938	74.54965	0	25.45035	18.58633	6.86402	31.05112	4
1630.575	1630.575	1269.575	66.56459	49.65503	65.95098	65.60877	71.49956	0	28.50044	22.97871	5.52173	31.21912	4
1630.58	1630.58	1269.58	69.50285	60.33517	68.45263	66.8596	69.59548	0	30.40452	24.1048	6.299721	31.66281	4
1630.585	1630.585	1269.585	68.14582	42.58134	67.2254	65.44357	74.1344	0	25.8656	18.1991	7.666492	31.50383	4
1630.59	1630.59	1269.59	72.45291	118.6931	70.04566	66.777	63.27578	0.681815	36.0424	17.9876	18.0548	31.57271	4
1630.595	1630.595	1269.595	75.49737	195.7516	73.26713	64.80636	40.45492	6.308828	53.23625	18.20102	35.03523	28.40634	4
1630.6	1630.6	1269.6	75.83958	167.3594	73.07833	68.45263	51.12634	3.457214	45.41644	16.86081	28.55564	29.1756	4
1630.605	1630.605	1269.605	78.94305	130.6682	76.7836	73.56214	52.48639	2.272489	45.24112	16.40894	28.83218	30.14321	4
1630.61	1630.61	1269.61	82.77812	147.8233	80.12307	76.40599	48.64757	2.472146	48.88028	30.66726	18.21303	29.79862	4
1630.615	1630.615	1269.615	83.37994	251.2132	80.38268	77.24381	25.72564	8.584383	65.68998	39.05977	26.63021	27.10045	4
1630.62	1630.62	1269.62	86.79021	192.5768	85.22077	79.41506	25.71252	9.040747	65.24674	48.46262	16.78412	28.86277	4
1630.625	1630.625	1269.625	85.83439	159.8402	85.02017	84.17055	28.66122	9.02966	62.30912	30.52194	31.78718	28.29442	4
1630.63	1630.63	1269.63	82.81353	168.4316	82.53032	77.89282	25.24595	10.22508	64.52897	43.86366	20.6653	28.77606	4
1630.635	1630.635	1269.635	82.87253	131.3923	82.80173	81.29129	32.50906	8.354282	59.13666	23.43007	35.70659	28.6935	4
1630.64	1630.64	1269.64	83.35634	184.6677	81.5155	78.04623	32.88909	7.130532	59.98038	41.47426	18.50612	28.20108	4
1630.645	1630.645	1269.645	85.11457	177.5801	85.14997	81.6335	18.44586	12.70332	68.85082	54.77235	14.07847	28.94394	4
1630.65	1630.65	1269.65	83.54514	230.396	82.84893	81.31489	12.77831	13.45723	73.76446	62.15053	11.61393	28.27015	4
1630.655	1630.655	1269.655	80.08767	239.0153	76.7718	68.53523	34.17562	7.132689	58.69169	35.09313	23.59856	27.75429	4
1630.66	1630.66	1269.66	76.41779	153.5184	74.96636	68.09862	43.79276	4.997992	51.20925	26.5001	24.70915	29.27814	4
1630.665	1630.665	1269.665	78.88404	181.7435	77.78662	69.00724	31.94977	8.036295	60.01393	29.26327	30.75066	28.89016	4
1630.67	1630.67	1269.67	69.55005	46.87011	68.84204	67.2254	70.1585	0	29.8415	10.91033	18.93117	31.54652	4
1630.675	1630.675	1269.675	65.07776	25.3288	64.73555	64.73555	76.651	0	23.349	11.04746	12.30154	30.89191	1
1630.68	1630.68	1269.68	66.65899	57.70343	65.56157	65.95098	73.21452	0	26.78548	19.63341	7.152073	31.25636	1
1630.685	1630.685	1269.685	66.68259	35.89755	65.89198	66.06898	76.09208	0	23.90792	9.674857	14.23306	31.08239	1
1630.69	1630.69	1269.69	66.8596	34.61649	66.47019	65.43177	73.12989	0	26.87011	10.20452	16.66559	31.18352	1
1630.695	1630.695	1269.695	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1631.01	1631.01	1270.01	90.44828	155.1754	88.46584	82.82533	34.59904	5.730449	59.67051	23.73705	35.93346	29.68712	1
1631.015	1631.015	1270.015	85.59838	169.9216	82.23531	80.00507	46.19226	2.018927	51.78882	26.1382	25.65061	29.17928	1
1631.02	1631.02	1270.02	81.6689	42.65097	80.84288	80.32367	60.94471	0	39.05529	11.54467	27.51062	32.79354	1
1631.025	1631.025	1270.025	85.72819	122.9261	84.17055	79.82806	43.4536	4.166716	52.37969	18.98755	33.39214	30.06737	1
1631.03	1631.03	1270.03	90.80229	217.0284	87.43922	78.37663	30.00481	4.76749	65.2277	39.77107	25.45663	29.50867	1
1631.035	1631.035	1270.035	85.65738	218.393	80.85468	77.46802	45.56502	1.382326	53.05266	15.76941	37.28324	28.5082	1
1631.04	1631.04	1270.04	83.19113	149.3828	79.04925	76.28799	59.41313	0	40.58687	23.33598	17.25089	29.70423	1
1631.045	1631.045	1270.045	83.84015	122.7451	81.04349	77.51522	54.83685	0.431118	44.73204	26.81608	17.91596	31.15152	1
1631.05	1631.05	1270.05	87.75783	194.2199	84.73696	76.35879	35.67326	4.571189	59.75556	28.49627	31.25929	29.4501	1
1631.055	1631.055	1270.055	84.63076	145.4839	82.12911	79.96967	46.32039	2.788179	50.89144	25.44603	25.44541	29.48169	1
1631.06	1631.06	1270.06	81.7043	102.3317	80.00507	78.63624	53.23685	1.715229	45.04793	16.21644	28.83149	30.67906	1
1631.065	1631.065	1270.065	81.8105	116.9386	79.41506	74.97816	54.99994	0.991844	44.00822	27.00518	17.00304	31.24879	1
1631.07	1631.07	1270.07	83.01413	133.9405	81.6807	81.3621	41.54747	5.026904	53.42562	23.82002	29.60561	28.78937	1
1631.075	1631.075	1270.075	83.08493	141.3901	80.77208	80.14667	47.27003	2.929307	49.80067	24.00236	25.79831	29.21869	1
1631.08	1631.08	1270.08	83.78115	194.387	82.10551	79.27345	28.86585	8.301885	62.83226	37.36609	25.46617	27.96762	1
1631.085	1631.085	1270.085	78.53004	89.07549	77.84562	77.19661	51.50031	2.63488	45.86481	18.71131	27.15351	30.33278	1
1631.09	1631.09	1270.09	79.55666	68.94056	80.00507	80.20567	46.64909	4.279948	49.07096	22.44413	26.62683	30.06622	1
1631.095	1631.095	1270.095	84.61896	108.4306	84.90217	85.72819	33.71549	8.610996	57.67351	34.66027	23.01324	28.70619	1
1631.1	1631.1	1270.1	83.66314	128.663	85.44498	84.54816	18.08422	14.2937	67.62209	37.91512	29.70697	29.14693	1
1631.105	1631.105	1270.105	86.2946	144.5928	87.26222	87.46282	18.11847	14.28833	67.5932	39.55625	28.03695	28.75334	1
1631.11	1631.11	1270.11	87.39202	190.9337	88.71365	88.22984	3.150767	19.4825	77.36673	77.36673	0	-9999	1
1631.115	1631.115	1270.115	84.12335	196.0301	84.37116	77.26741	13.24674	14.18605	72.56722	50.44904	22.11818	29.80175	1
1631.12	1631.12	1270.12	77.57422	120.1273	75.74518	70.74188	53.73596	2.128743	44.1353	12.54035	31.59495	30.73364	1
1631.125	1631.125	1270.125	77.11401	72.00396	75.08437	70.74188	67.35988	0	32.64012	20.9169	11.72322	31.90459	1
1631.13	1631.13	1270.13	75.73338	100.5354	74.50615	69.27865	55.50672	1.757505	42.73578	30.49068	12.2451	31.29486	1
1631.135	1631.135	1270.135	76.4886	155.9413	72.71252	67.75642	61.1573	0.87961	37.96309	29.27461	8.688479	31.02912	1
1631.14	1631.14	1270.14	74.52975	107.8319	71.8983	68.93644	65.73108	0	34.26892	10.58274	23.68619	31.95016	1
1631.145	1631.145	1270.145	72.0281	140.4432	67.78002	62.96552	72.66956	0	27.33044	18.62833	8.702115	32.69839	1
1631.15	1631.15	1270.15	71.9691	85.17661	69.51465	64.99516	72.19768	0	27.80232	10.36901	17.43332	32.20708	1
1631.155	1631.155	1270.155	71.47349	47.84483	69.90406	66.71799	74.82904	0	25.17096	17.61308	7.557885	31.78632	1
1631.16	1631.16	1270.16	71.42629	48.68031	70.67108	70.32887	68.3601	0	31.6399	9.948868	21.69103	31.44162	1
1631.165	1631.165	1270.165	69.66806	39.47616	69.12524	69.06624	70.55894	0	29.44106	5.186089	24.25497	31.19785	1
1631.17	1631.17	1270.17	73.31433	78.13078	70.94248	68.65323	72.025	0	27.975	4.757325	23.21768	31.61365	1
1631.175	1631.175	1270.175	67.60301	33.46075	66.8714	67.68561	75.37774	0	24.62226	12.44324	12.17902	30.92872	1
1631.18	1631.18	1270.18	67.74462	26.52631	67.2254	67.1664	75.27947	0	24.72053	7.684378	17.03615	31.00765	1
1631.185	1631.185	1270.185	66.64719	31.34421	65.83298	65.95098	77.40946	0	22.59054	19.93063	2.659904	31.09252	1
1631.19	1631.19	1270.19	68.99544	67.13036	68.24023	65.95098	66.13157	0	33.86843	19.75942	14.10901	31.94185	1
1631.195	1631.195	1270.195	68.39363	69.58109	68.55883	69.52645	58.95891	0.657693	40.3834	12.59693	27.78647	30.89396	1
1631.2	1631.2	1270.2	68.77124	148.241	66.00998	61.57309	62.25588	2.118951	35.62517	18.97912	16.64605	30.55268	1
1631.205	1631.205	1270.205	66.29319	61.75548	64.42875	64.07474	78.51484	0	21.48516	10.69901	10.78615	31.77023	1
1631.21	1631.21	1270.21	69.91586	38.97488	68.94824	68.07502	73.74454	0	26.25546	18.47589	7.779571	31.32372	1
1631.215	1631.215	1270.215	68.73584	37.61027	68.42903	68.86564	70.03909	0	29.96091	15.76569	14.19522	31.04739	1
1631.22	1631.22	1270.22	68.35823	23.96419	68.52343	69.76246	70.03077	0	29.96923	6.256414	23.71282	30.74996	1

1631.225	1631.225	1270.225	71.53249	28.97704	71.59149	70.98968	66.7204	0	33.2796	8.7023	24.5773	31.58364	1
1631.23	1631.23	1270.23	73.03112	40.40911	72.26411	72.77152	68.97673	0	31.02327	6.100973	24.92229	31.28564	1
1631.235	1631.235	1270.235	71.09588	18.36651	71.20209	71.03688	69.32402	0	30.67598	8.524207	22.15177	31.28668	1
1631.24	1631.24	1270.24	75.19057	88.78307	73.06652	71.22569	65.80051	0	34.19949	14.25017	19.94932	31.70694	1
1631.245	1631.245	1270.245	75.45017	46.45237	74.05775	71.53249	70.13569	0	29.86431	16.8923	12.97201	31.69066	1
1631.25	1631.25	1270.25	73.27893	17.47534	72.91312	73.14913	71.18936	0	28.81064	15.67876	13.13188	31.27982	1
1631.255	1631.255	1270.255	73.90434	60.89216	73.24353	72.96032	62.39341	0	37.60659	22.95812	14.64847	32.02479	1
1631.26	1631.26	1270.26	76.09919	165.7999	74.11675	63.93314	45.22909	4.780449	49.99046	26.38146	23.609	29.69854	1
1631.265	1631.265	1270.265	73.68014	155.7463	71.7213	67.59121	49.70467	3.959889	46.33544	25.61994	20.7155	28.99424	1
1631.27	1631.27	1270.27	73.45593	164.7277	69.63265	65.39637	62.18685	1.633816	36.17933	10.72656	25.45277	30.55672	1
1631.275	1631.275	1270.275	76.8544	298.7239	69.76246	64.35795	51.96536	5.069762	42.96488	29.32489	13.63999	26.5337	1
1631.28	1631.28	1270.28	81.27949	423.0842	73.21993	69.63265	25.29812	9.937122	64.76476	34.86034	29.90441	23.43465	1
1631.285	1631.285	1270.285	77.38541	321.8247	73.86894	73.01932	18.1765	12.47696	69.34654	48.35251	20.99404	25.21038	1
1631.29	1631.29	1270.29	68.77124	79.1055	67.49681	67.88622	67.46374	0	32.53626	9.321484	23.21478	31.52184	1
1631.295	1631.295	1270.295	71.7213	91.2895	70.22267	68.58243	63.53874	0.173321	36.28794	24.80086	11.48708	31.8965	1
1631.3	1631.3	1270.3	76.42959	144.9826	76.12279	77.65682	36.97672	6.720021	56.30326	38.3313	17.97196	27.59562	1
1631.305	1631.305	1270.305	75.00176	103.4874	72.99572	74.30555	61.50124	0.447825	38.05094	15.46952	22.58141	30.95465	1
1631.31	1631.31	1270.31	73.73914	104.4761	71.39089	72.38211	65.07571	0	34.92429	8.080481	26.84381	31.38896	1
1631.315	1631.315	1270.315	72.38211	72.83944	71.48529	73.17273	62.73166	0	37.26834	12.49518	24.77317	31.55505	1
1631.32	1631.32	1270.32	72.29951	71.69762	70.77728	67.0838	67.93092	0	32.06908	10.4453	21.62378	32.12852	1
1631.325	1631.325	1270.325	73.10193	165.8277	68.57063	66.9422	67.73344	0.714229	31.55233	19.7306	11.82173	31.12604	1
1631.33	1631.33	1270.33	75.99299	242.0787	70.14006	65.06596	56.86354	3.384277	39.75218	19.98116	19.77102	28.3167	1
1631.335	1631.335	1270.335	76.31159	195.0415	71.56789	66.52919	59.35695	1.903549	38.7395	18.9918	19.7477	29.82805	1
1631.34	1631.34	1270.34	75.17877	83.15755	72.57091	69.23145	70.92227	0	29.07773	7.930697	21.14703	31.58787	1
1631.345	1631.345	1270.345	76.21719	88.49066	74.90736	75.17877	58.61661	0.856437	40.52696	19.29126	21.2357	31.05929	1
1631.35	1631.35	1270.35	77.31461	75.875	76.5004	76.04019	56.81899	1.197347	41.98367	12.57218	29.41148	31.23953	1
1631.355	1631.355	1270.355	75.55638	55.80969	73.91614	71.06048	69.694	0	30.306	13.90103	16.40497	31.7046	1
1631.36	1631.36	1270.36	73.62114	39.49009	72.28771	69.79786	73.04602	0	26.95398	7.655603	19.29838	31.60656	1
1631.365	1631.365	1270.365	74.47075	30.81508	74.31735	73.79814	65.21853	0	34.78147	15.36443	19.41704	31.96967	1
1631.37	1631.37	1270.37	78.51824	33.58607	77.86922	77.29101	64.66525	0	35.33475	6.117238	29.21752	32.22531	1
1631.375	1631.375	1270.375	77.40901	31.56701	76.7246	75.60358	66.4487	0	33.5513	22.88074	10.67056	32.04401	1
1631.38	1631.38	1270.38	74.71856	31.70625	74.12855	74.86016	68.15861	0	31.84139	18.6182	13.22319	31.41011	4
1631.385	1631.385	1270.385	75.00176	36.18996	73.82174	71.6387	71.38559	0	28.61441	17.48286	11.13155	31.62515	4
1631.39	1631.39	1270.39	76.25259	51.70194	75.24957	75.27317	65.10916	0	34.89084	16.68671	18.20413	31.70894	4
1631.395	1631.395	1270.395	76.8544	43.2915	75.46197	74.69496	69.60873	0	30.39127	6.638615	23.75266	31.37784	4
1631.4	1631.4	1270.4	76.4886	43.9181	76.01659	73.90434	62.66039	0	37.33961	10.93917	26.40044	32.59753	4
1631.405	1631.405	1270.405	77.95183	57.50848	76.9252	74.43535	62.32358	0	37.67642	17.80707	19.86935	32.50153	4
1631.41	1631.41	1270.41	77.19661	34.2266	77.36181	77.60962	59.41596	0.461438	40.12261	16.54336	23.57925	32.37856	4
1631.415	1631.415	1270.415	76.37059	38.55714	76.08739	70.69468	62.60307	0	37.39693	19.56642	17.8305	33.29253	4
1631.42	1631.42	1270.42	76.02839	58.77562	74.15215	70.63567	70.37103	0	29.62897	9.502059	20.12691	31.69961	4
1631.425	1631.425	1270.425	73.37333	52.99692	70.91888	68.91284	78.69327	0	21.30673	10.23035	11.07638	31.44821	4
1631.43	1631.43	1270.43	73.38513	35.85577	72.65352	70.64748	69.4786	0	30.5214	16.22526	14.29614	31.73482	4
1631.435	1631.435	1270.435	71.13129	41.23066	70.24627	67.88622	71.44029	0	28.55971	18.56346	9.996248	31.6562	4
1631.44	1631.44	1270.44	73.65654	65.20877	72.75972	68.49983	63.40581	0	36.59419	15.56656	21.02764	32.60743	4
1631.445	1631.445	1270.445	71.40269	39.72681	70.78908	67.2018	69.45114	0	30.54886	10.49773	20.05113	31.96176	4
1631.45	1631.45	1270.45	71.50889	29.31122	71.09588	71.7331	70.31932	0	29.68068	20.36648	9.314198	31.12949	4
1631.455	1631.455	1270.455	73.51493	17.8513	73.12553	72.57091	71.06416	0	28.93584	16.314	12.62184	31.4439	4
1631.46	1631.46	1270.46	75.73338	27.97447	74.81296	74.44715	70.68872	0	29.31128	11.38516	17.92612	31.41692	4
1631.465	1631.465	1270.465	73.17273	20.77546	73.19633	73.78634	67.47053	0	32.52947	13.1358	19.39367	31.48055	4
1631.47	1631.47	1270.47	74.60056	19.22983	74.88376	75.48557	64.51902	0	35.48098	6.344119	29.13686	31.98979	4
1631.475	1631.475	1270.475	72.81872	17.07153	72.54731	71.9455	70.97886	0	29.02114	23.57602	5.445118	31.41819	4
1631.48	1631.48	1270.48	71.53249	27.04152	71.55609	70.01026	67.46315	0	32.53685	12.88654	19.6503	31.70119	4
1631.485	1631.485	1270.485	74.91916	51.56269	74.62416	74.78936	60.8825	0.077891	39.03961	11.53217	27.50744	32.17365	4
1631.49	1631.49	1270.49	79.34425	51.3956	79.10825	77.50342	56.39459	1.346323	42.25909	24.38845	17.87064	31.98527	4
1631.495	1631.495	1270.495	79.14365	65.44549	78.87224	77.12581	53.45343	2.15211	44.39446	16.02499	28.36947	31.28604	4
1631.5	1631.5	1270.5	80.57148	81.33343	80.13487	76.18179	49.57527	3.230375	47.19436	15.30318	31.89118	30.97383	4
1631.505	1631.505	1270.505	82.17631	106.3977	80.89009	74.04595	48.61781	3.127766	48.25442	22.32292	25.9315	31.05293	4
1631.51	1631.51	1270.51	85.03197	161.901	80.83108	74.78936	55.14741	0	44.85259	25.15295	19.69964	30.11918	4
1631.515	1631.515	1270.515	82.23531	147.2384	81.6925	70.49407	32.9186	7.886518	59.19488	28.00434	31.19055	30.18097	4
1631.52	1631.52	1270.52	81.4919	110.2965	80.31187	71.8039	47.48088	3.527807	48.99131	27.03995	21.95136	31.11613	4
1631.525	1631.525	1270.525	82.40052	178.513	79.91067	73.58574	40.28772	4.94493	54.76735	26.24423	28.52312	28.97685	4
1631.53	1631.53	1270.53	82.88433	171.6621	81.5273	75.62718	32.72115	7.483456	59.79539	31.06348	28.73192	28.82645	4
1631.535	1631.535	1270.535	82.32972	133.5506	79.78086	72.35851	51.69103	1.760336	46.54863	20.70906	25.83957	31.06396	4
1631.54	1631.54	1270.54	84.02895	136.3494	81.7633	76.07559	47.25557	2.785062	49.95937	27.59097	22.3684	30.32336	4
1631.545	1631.545	1270.545	83.55694	191.5325	77.77482	73.60934	61.58817	0	38.41183	13.12305	25.28878	28.16151	4
1631.55	1631.55	1270.55	86.14119	167.0949	81.95211	76.01659	52.77856	0	47.22144	19.60595	27.61549	30.04102	4
1631.555	1631.555	1270.555	82.47132	145.9852	77.63322	75.69798	66.29324	0	33.70676	9.302185	24.40458	28.58014	4
1631.56	1631.56	1270.56	81.26769	193.8579	76.22899	74.09315	57.37006	0.289623	42.34031	11.4687	30.87162	29.6266	4
1631.565	1631.565	1270.565	79.12005	190.5438	75.33217	68.71224	50.454	2.960338	46.58567	23.32296	23.26271	29.2999	4
1631.57	1631.57	1270.57	77.91642	141.5851	74.71856	67.27261	58.83677	0.885533	40.2777	21.23296	19.04474	31.54215	4
1631.575	1631.575	1270.575	78.86044	96.24664	76.39419	72.33491	63.27015	0	36.72985	22.88317	13.84668	31.80525	4
1631.58	1631.58	1270.58	77.79842	88.26786	76.02839	71.7449	60.78241	0.122057	39.09553	23.92742	15.16812	32.40983	4
1631.585	1631.585	1270.585	78.77784	50.61582	77.58602	75.29677	64.512	0	35.488	22.73493	12.75307	32.17386	4

1631.59	1631.59	1270.59	79.00205	92.57056	76.642	73.10193	63.20642	0	36.79358	17.69602	19.09757	31.75905	4
1631.595	1631.595	1270.595	80.31187	114.3068	77.19661	73.17273	62.59412	0	37.40588	17.23756	20.16832	31.22211	4
1631.6	1631.6	1270.6	80.61868	59.36045	79.08465	76.45319	63.35433	0	36.64567	16.27285	20.37282	32.10625	4
1631.605	1631.605	1270.605	80.31187	103.0975	77.56242	74.97816	62.47176	0	37.52824	7.023115	30.50512	31.22001	4
1631.61	1631.61	1270.61	81.7161	117.5095	79.49766	79.42686	53.57685	1.455877	44.96728	24.29229	20.67499	30.20574	4
1631.615	1631.615	1270.615	79.76906	29.14413	79.35605	79.30885	62.7604	0	37.2396	20.32156	16.91804	32.6769	4
1631.62	1631.62	1270.62	80.13487	30.60621	79.96967	79.02565	60.14954	0.35687	39.49359	18.64479	20.8488	32.95504	4
1631.625	1631.625	1270.625	80.06407	41.39775	79.46226	77.56242	60.98685	0	39.01315	14.75892	24.25423	33.07161	4
1631.63	1631.63	1270.63	84.40656	69.85958	82.81353	80.57148	57.78595	0.2351	41.97895	11.64418	30.33477	32.35549	4
1631.635	1631.635	1270.635	85.70458	89.00587	83.65134	80.32367	55.52499	0.363113	44.1119	27.81938	16.29252	31.96167	4
1631.64	1631.64	1270.64	87.58082	83.64491	85.37418	83.07313	56.28508	0	43.71492	12.33416	31.38077	31.78149	4
1631.645	1631.645	1270.645	91.2153	61.63016	90.51908	91.4395	46.56309	4.825911	48.611	27.758	20.85301	30.55483	4
1631.65	1631.65	1270.65	87.23862	122.3274	83.91095	82.16451	55.92668	0	44.07332	27.49424	16.57908	29.707	4
1631.655	1631.655	1270.655	94.54297	152.2234	92.40712	87.06161	32.73519	5.553329	61.71148	39.98831	21.72317	29.95545	4
1631.66	1631.66	1270.66	93.56355	175.9648	90.29488	85.89339	36.67022	2.111994	61.21778	29.46044	31.75734	29.70487	4
1631.665	1631.665	1270.665	93.42194	121.1438	90.82589	85.57478	44.85443	1.272131	53.87344	35.72851	18.14493	31.12505	4
1631.67	1631.67	1270.67	90.58989	111.6472	88.47764	85.27978	46.00856	2.316806	51.67463	33.93097	17.74366	30.68992	4
1631.675	1631.675	1270.675	89.40986	75.97247	87.29762	85.52758	55.72748	0	44.27252	27.74302	16.5295	31.88528	4
1631.68	1631.68	1270.68	86.4598	52.84375	84.97297	83.81655	59.19173	0	40.80827	13.44345	27.36482	32.57879	4
1631.685	1631.685	1270.685	89.68127	157.1666	85.11457	82.87253	54.85078	0	45.14922	28.32996	16.81926	26.69333	4
1631.69	1631.69	1270.69	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1632.005	1632.005	1271.005	87.22682	29.64541	86.6604	83.91095	56.96683	1.552542	41.48063	18.47194	23.00869	33.07076	1
1632.01	1632.01	1271.01	86.2474	49.61325	85.29158	85.45678	56.05359	1.255564	42.69084	26.18797	16.50288	32.03425	1
1632.015	1632.015	1271.015	85.77539	119.7095	84.72516	84.46556	40.25615	5.548963	54.19489	24.99865	29.19624	29.10242	1
1632.02	1632.02	1271.02	82.82533	97.61125	81.7515	77.51522	48.5009	3.242772	48.25633	16.79025	31.46608	30.75157	1
1632.025	1632.025	1271.025	83.01413	88.39319	82.17631	77.24381	48.72893	3.320251	47.95082	32.16065	15.79016	31.0747	1
1632.03	1632.03	1271.03	86.2474	170.019	83.09673	78.45924	43.92544	2.595806	53.47875	28.99089	24.48786	29.47238	1
1632.035	1632.035	1271.035	88.60744	114.641	86.6368	81.12609	46.01049	2.749253	51.24025	27.03201	24.20824	30.89473	1
1632.04	1632.04	1271.04	82.54212	77.39277	80.54788	77.72762	60.78757	0	39.21243	8.446201	30.76623	31.89454	1
1632.045	1632.045	1271.045	82.75452	58.55283	81.4801	83.00233	59.57286	0.045818	40.38133	15.50873	24.87259	32.05487	1
1632.05	1632.05	1271.05	81.10249	44.44724	80.22927	79.02565	61.39692	0	38.60308	9.948538	28.65455	32.73913	1
1632.055	1632.055	1271.055	83.96995	51.61839	82.97873	82.15271	57.93795	0.652132	41.40991	25.11343	16.29648	32.38094	1
1632.06	1632.06	1271.06	81.5745	68.3418	81.7869	81.7751	46.76661	4.398589	48.8348	23.86654	24.96826	30.20658	1
1632.065	1632.065	1271.065	82.32972	75.86107	82.88433	84.61896	41.60004	6.187952	52.212	22.51487	29.69713	29.33222	1
1632.07	1632.07	1271.07	81.29129	127.2427	79.96967	74.14035	44.66188	4.275345	51.06278	18.76853	32.29425	30.02721	1
1632.075	1632.075	1271.075	76.6892	109.9902	75.07257	70.50587	55.35722	1.770904	42.87188	24.53372	18.33816	31.01474	1
1632.08	1632.08	1271.08	76.5122	102.0114	75.27317	69.20785	54.52446	1.95177	43.52377	31.07203	12.45174	31.32619	1
1632.085	1632.085	1271.085	74.21115	70.75075	73.03112	70.11646	63.74925	0	36.25075	15.93995	20.3108	32.28416	1
1632.09	1632.09	1271.09	73.50313	45.24094	72.29951	71.09588	70.7569	0	29.2431	18.36445	10.87865	31.46678	1
1632.095	1632.095	1271.095	76.9606	34.12913	76.06379	75.08437	67.88734	0	32.11266	13.84456	18.2681	31.75653	1
1632.1	1632.1	1271.1	78.24683	76.68262	77.40901	74.28195	55.9488	1.394347	42.65685	20.45632	22.20053	31.63423	1
1632.105	1632.105	1271.105	77.38541	70.33302	76.7954	73.93974	56.35742	1.313728	42.32885	29.57512	12.75373	31.71898	1
1632.11	1632.11	1271.11	71.21389	42.53957	71.32009	72.0635	63.36558	0	36.63442	20.85147	15.78295	31.58732	1
1632.115	1632.115	1271.115	71.07228	36.03679	70.96608	71.01328	66.71566	0	33.28434	19.03779	14.24655	31.41876	1
1632.12	1632.12	1271.12	69.37305	37.03936	69.60905	71.24929	65.38423	0	34.61577	21.55594	13.05982	31.0514	1
1632.125	1632.125	1271.125	69.42025	47.69166	69.51465	69.97486	63.86037	0	36.13963	8.356635	27.78299	31.43536	1
1632.13	1632.13	1271.13	70.17547	27.05544	70.31707	69.42025	67.79373	0	32.20627	6.188748	26.01752	31.42106	1
1632.135	1632.135	1271.135	67.1428	24.17306	67.79182	68.73584	67.34889	0	32.65111	16.81301	15.8381	30.71433	1
1632.14	1632.14	1271.14	67.94522	31.44168	67.40241	67.98062	74.0883	0	25.9117	15.30224	10.60947	30.91649	1
1632.145	1632.145	1271.145	69.25505	25.57944	69.00724	70.30527	72.01562	0	27.98438	14.15805	13.82633	30.79477	1
1632.15	1632.15	1271.15	70.77728	25.76046	71.02508	72.16971	66.73038	0	33.26962	5.926263	27.34335	31.17146	1
1632.155	1632.155	1271.155	69.13704	25.67691	69.34945	70.14006	68.53397	0	31.46603	15.77235	15.69368	30.95981	1
1632.16	1632.16	1271.16	71.9337	45.57513	71.47349	72.96032	66.35844	0	33.64156	5.945271	27.69629	31.24378	1
1632.165	1632.165	1271.165	71.23749	68.2304	70.56487	69.40845	63.16251	0	36.83749	10.73143	26.10606	31.99831	1
1632.17	1632.17	1271.17	73.39693	87.98937	73.72734	69.80966	48.62074	3.327414	48.05184	14.65457	33.39728	30.32816	1
1632.175	1632.175	1271.175	74.78936	85.14876	75.01356	74.74216	48.8502	3.3162	47.8336	32.44878	15.38482	29.81322	1
1632.18	1632.18	1271.18	76.5004	100.9671	75.27317	72.75972	54.6966	1.902809	43.40059	31.34974	12.05085	30.71498	1
1632.185	1632.185	1271.185	72.0753	79.43969	71.6151	69.12524	58.03294	1.076863	40.8902	16.70524	24.18496	31.3773	1
1632.19	1632.19	1271.19	71.8629	85.30193	71.13129	68.60603	58.91308	0.993804	40.09311	20.52207	19.57104	31.37685	1
1632.195	1632.195	1271.195	71.08408	60.66936	70.28167	69.01904	66.13938	0	33.86062	22.02859	11.83203	31.76133	1
1632.2	1632.2	1271.2	68.68863	29.53402	68.98364	69.56185	67.37293	0	32.62707	16.12059	16.50648	31.02062	1
1632.205	1632.205	1271.205	71.7567	47.42709	70.78908	71.43809	70.00554	0	29.99446	9.468614	20.52585	31.17132	1
1632.21	1632.21	1271.21	66.895	24.18698	66.63539	65.98638	74.61529	0	25.38471	21.53201	3.852697	31.00357	1
1632.215	1632.215	1271.215	66.9422	31.55308	66.09258	65.56157	77.36187	0	22.63813	10.90819	11.72995	31.21316	1
1632.22	1632.22	1271.22	64.92436	40.11669	64.02754	64.16914	77.51169	0	22.48831	10.38018	12.10812	31.18049	1
1632.225	1632.225	1271.225	62.98912	35.99502	62.1749	62.0451	79.6494	0	20.3506	13.49615	6.854453	31.27152	1
1632.23	1632.23	1271.23	68.37003	52.60703	67.96882	67.131	67.47804	0	32.52196	9.855054	22.66691	31.44894	1
1632.235	1632.235	1271.235	72.15791	32.05437	71.50889	70.52947	70.88742	0	29.11258	18.07358	11.03899	31.4253	1
1632.24	1632.24	1271.24	69.03084	23.61607	69.04264	69.78606	70.68508	0	29.31492	21.14547	8.169451	30.88306	1
1632.245	1632.245	1271.245	69.12524	58.06547	69.10164	71.50889	62.53584	0	37.46416	18.10496	19.35921	31.21009	1
1632.25	1632.25	1271.25	66.32859	32.40248	65.88018	64.77095	74.61147	0	25.38853	5.372261	20.01627	31.1681	1
1632.255	1632.255	1271.255	69.04264	36.56593	68.86564	67.88622	69.00359	0	30.99641	21.26349	9.732913	31.33655	1
1632.26	1632.26	1271.26	64.88896	28.28081	64.42875	63.17792	77.02483	0	22.97517	6.566539	16.40863	31.17607	1

1632.265	1632.265	1271.265	66.43479	40.39518	65.13676	62.96552	79.16407	0	20.83593	8.04812	12.78781	31.77018	1
1632.27	1632.27	1271.27	67.68561	41.35598	66.35219	64.22814	78.05515	0	21.94485	6.64694	15.29791	31.69817	1
1632.275	1632.275	1271.275	67.43781	49.78035	66.48199	66.19878	73.31797	0	26.68203	5.150982	21.53104	31.26728	1
1632.28	1632.28	1271.28	68.07502	43.05478	68.62963	63.82694	62.65348	0	37.34652	11.92504	25.42147	32.30323	1
1632.285	1632.285	1271.285	71.34369	66.61515	72.09891	69.63265	52.39002	2.068538	45.54144	30.574	14.96744	30.83583	1
1632.29	1632.29	1271.29	65.19576	53.27541	65.03056	64.72375	68.40757	0	31.59243	9.179342	22.41308	31.12917	1
1632.295	1632.295	1271.295	62.2929	58.21864	60.29866	59.70865	84.05699	0	15.94301	4.979205	10.96381	32.47862	1
1632.3	1632.3	1271.3	64.00394	55.94893	62.96552	64.42875	75.6245	0	24.3755	10.083	14.2925	31.08724	1
1632.305	1632.305	1271.305	64.52315	72.68627	62.1985	59.56705	81.06465	0	18.93535	13.97749	4.95786	32.73461	1
1632.31	1632.31	1271.31	68.81844	37.70774	68.52343	68.93644	69.84806	0	30.15194	19.65241	10.49953	31.05191	1
1632.315	1632.315	1271.315	65.66777	41.98259	64.60575	64.27534	77.65653	0	22.34347	20.63253	1.710934	31.33248	1
1632.32	1632.32	1271.32	64.78275	29.11628	64.02754	62.1985	79.20665	0	20.79335	6.786155	14.0072	31.46874	1
1632.325	1632.325	1271.325	64.14554	30.41127	63.77973	61.78549	76.46158	0	23.53842	20.95329	2.585128	31.26621	1
1632.33	1632.33	1271.33	62.64691	42.19145	60.97128	59.55525	85.14068	0	14.85932	10.32194	4.537378	32.37821	1
1632.335	1632.335	1271.335	62.0451	30.16062	60.97128	61.50229	83.94176	0	16.05824	8.44736	7.610881	31.52401	1
1632.34	1632.34	1271.34	65.47897	33.94811	64.79455	63.80333	76.84812	0	23.15188	23.15188	0	31.248	1
1632.345	1632.345	1271.345	61.44329	33.40505	61.01848	60.80607	78.68042	0	21.31958	10.12597	11.19361	31.03466	1
1632.35	1632.35	1271.35	62.98912	62.98084	63.30772	65.04236	64.33945	0	35.66055	7.030013	28.63054	30.73	1
1632.355	1632.355	1271.355	62.3519	30.18847	63.37853	65.11316	67.37432	0	32.62568	23.57045	9.055225	29.98351	1
1632.36	1632.36	1271.36	65.98638	14.92714	66.04538	65.78578	75.2229	0	24.7771	6.537933	18.23916	30.74955	1
1632.365	1632.365	1271.365	67.37881	15.63729	67.82722	68.58243	70.7521	0	29.2479	18.05485	11.19305	30.63274	1
1632.37	1632.37	1271.37	64.11014	14.84359	64.14554	64.77095	77.15217	0	22.84783	5.949548	16.89829	30.52824	1
1632.375	1632.375	1271.375	66.55279	23.64392	66.17518	65.12496	75.97606	0	24.02394	21.04175	2.982186	31.10113	1
1632.38	1632.38	1271.38	65.05416	17.83738	65.00696	65.53797	76.19933	0	23.80067	19.81854	3.982129	30.61791	1
1632.385	1632.385	1271.385	64.93616	27.25039	64.51135	64.42875	76.95641	0	23.04359	13.48032	9.563268	30.93841	1
1632.39	1632.39	1271.39	62.3165	34.60256	61.78549	61.12468	78.41033	0	21.58967	10.81915	10.77052	31.17075	1
1632.395	1632.395	1271.395	62.1749	25.74653	61.85629	62.1277	79.03763	0	20.96237	18.244	2.718368	30.84515	1
1632.4	1632.4	1271.4	64.00394	17.99055	64.12194	64.91256	75.84815	0	24.15185	8.83442	15.31743	30.45575	1
1632.405	1632.405	1271.405	67.56761	19.84252	68.14582	69.25505	68.55477	0	31.44523	21.22038	10.22485	30.66415	1
1632.41	1632.41	1271.41	62.0923	51.4513	60.44027	59.70865	83.22713	0	16.77287	16.74304	0.029828	32.20218	1
1632.415	1632.415	1271.415	67.31981	146.0409	64.31074	61.44329	66.04411	1.677385	32.27851	19.79923	12.47928	30.89594	1
1632.42	1632.42	1271.42	61.58489	71.34951	59.73225	57.65541	80.43327	0	19.56673	5.257675	14.30906	32.5987	1
1632.425	1632.425	1271.425	62.3519	48.19295	60.97128	58.52863	81.67342	0	18.32658	4.104702	14.22187	32.21888	1
1632.43	1632.43	1271.43	61.32528	26.10857	60.81787	60.12166	81.1949	0	18.8051	6.177496	12.62761	31.23316	1
1632.435	1632.435	1271.435	65.05416	23.90849	64.73555	64.80636	76.83352	0	23.16648	6.037171	17.12931	30.84874	1
1632.44	1632.44	1271.44	65.30197	57.27177	63.80333	62.96552	77.67681	0	22.32319	15.39647	6.926717	31.71271	1
1632.445	1632.445	1271.445	67.1664	64.15051	65.34917	63.86234	76.76608	0	23.23392	5.950956	17.28297	31.85671	1
1632.45	1632.45	1271.45	70.84808	136.3076	67.27261	63.03632	69.54324	0.223659	30.2331	20.27853	9.954575	32.48143	1
1632.455	1632.455	1271.455	70.36427	166.7885	66.9894	61.16008	61.05729	2.565467	36.37725	29.60672	6.770527	30.27924	1
1632.46	1632.46	1271.46	68.57063	113.4017	65.62057	63.24872	72.33477	0	27.66523	12.66853	14.99669	32.5065	1
1632.465	1632.465	1271.465	65.07776	65.77968	64.38155	59.49625	69.60544	0	30.39456	6.513908	23.88065	32.20493	1
1632.47	1632.47	1271.47	68.75944	99.26828	68.21663	58.87083	56.92518	1.732687	41.34213	30.41959	10.92254	31.78726	1
1632.475	1632.475	1271.475	71.06048	102.6937	69.44385	65.25476	62.30138	0.702778	36.99584	26.1786	10.81724	31.80392	1
1632.48	1632.48	1271.48	70.45867	68.67599	69.91586	70.37607	62.76522	0	37.23478	11.00095	26.23383	31.70116	1
1632.485	1632.485	1271.485	68.86564	49.15374	67.78002	67.2018	73.16198	0	26.83802	21.96219	4.875825	31.33199	1
1632.49	1632.49	1271.49	73.17273	28.92134	72.72432	71.7095	69.1573	0	30.8427	20.41438	10.42832	31.58568	1
1632.495	1632.495	1271.495	71.6977	29.92391	71.29649	71.29649	69.9059	0	30.0941	9.64733	20.44677	31.2693	1
1632.5	1632.5	1271.5	72.26411	37.52672	71.6859	70.60027	68.9167	0	31.0833	13.40653	17.67678	31.55328	1
1632.505	1632.505	1271.505	74.54156	61.39344	73.90434	71.6859	61.50296	0.017753	38.47929	19.43633	19.04296	32.48389	1
1632.51	1632.51	1271.51	76.6656	114.1258	75.43837	76.7128	51.3602	2.816632	45.82317	18.58706	27.23611	29.31194	1
1632.515	1632.515	1271.515	77.81022	107.2749	77.04321	72.33491	48.39844	3.521015	48.08055	21.01892	27.06163	30.30679	1
1632.52	1632.52	1271.52	71.20209	62.79982	69.25505	67.82722	74.38608	0	25.61392	13.84718	11.76674	31.54693	1
1632.525	1632.525	1271.525	76.27619	24.4237	76.5948	77.51522	61.44617	0	38.55383	20.31695	18.23688	32.55774	1
1632.53	1632.53	1271.53	69.56185	25.53767	69.37305	68.24023	71.28621	0	28.71379	15.24589	13.4679	31.27272	1
1632.535	1632.535	1271.535	68.34643	27.73775	68.16942	68.38183	71.78053	0	28.21947	6.166418	22.05305	30.94369	1
1632.54	1632.54	1271.54	68.58243	30.98217	67.81542	66.895	75.35085	0	24.64915	23.24991	1.399239	31.24214	1
1632.545	1632.545	1271.545	66.16338	38.3622	65.53797	64.84176	74.69299	0	25.30701	5.641922	19.66509	31.1765	1
1632.55	1632.55	1271.55	67.50861	30.04923	67.29621	67.29621	72.2663	0	27.7337	10.59875	17.13495	30.94609	1
1632.555	1632.555	1271.555	64.19274	47.98408	63.26052	61.9979	76.55523	0	23.44477	17.79292	5.651856	31.49618	1
1632.56	1632.56	1271.56	68.45263	36.35706	67.73282	67.82722	73.80374	0	26.19626	16.46178	9.734488	31.07264	1
1632.565	1632.565	1271.565	65.33737	32.90376	64.93616	64.73555	75.03628	0	24.96372	18.37476	6.588962	30.96554	1
1632.57	1632.57	1271.57	68.93644	22.00082	69.27865	70.18727	68.60217	0	31.39783	22.14591	9.251918	30.88618	1
1632.575	1632.575	1271.575	66.51739	38.54322	65.32557	64.42875	78.71318	0	21.28682	6.784392	14.50243	31.46712	1
1632.58	1632.58	1271.58	71.9573	33.07086	72.81872	74.43535	59.12015	0.163268	40.71659	27.87979	12.83679	31.8287	1
1632.585	1632.585	1271.585	73.43233	24.79966	74.39995	75.24957	58.94168	0.259532	40.79879	18.89956	21.89922	32.18958	1
1632.59	1632.59	1271.59	79.21445	83.26894	79.02565	80.18207	48.43485	3.572285	47.99286	21.0773	26.91556	29.77904	1
1632.595	1632.595	1271.595	71.8275	97.77835	71.35549	73.19633	53.91442	2.249781	43.8358	25.59823	18.23757	29.54831	1
1632.6	1632.6	1271.6	76.6774	93.71237	75.36757	74.90736	56.92956	1.276018	41.79442	22.40983	19.38459	30.83254	1
1632.605	1632.605	1271.605	80.71308	174.4749	77.84562	71.56789	45.74385	3.742176	50.51398	29.10016	21.41382	29.254	1
1632.61	1632.61	1271.61	75.00176	122.7869	72.42931	67.55581	61.22046	0.764505	38.01503	12.84862	25.16641	31.60378	1
1632.615	1632.615	1271.615	71.8865	68.25825	70.02206	68.02782	71.79532	0	28.20468	8.495255	19.70943	31.6579	1
1632.62	1632.62	1271.62	70.49407	29.85428	69.25505	67.27261	77.52316	0	22.47684	22.47684	0	31.50878	1
1632.625	1632.625	1271.625	71.01328	23.12871	69.84506	68.79484	78.12437	0	21.87563	21.76843	0.107201	31.30937	1

1632.63	1632.63	1271.63	74.88376	32.33286	74.67136	74.83656	64.92852	0	35.07148	12.23214	22.83934	31.88537	1
1632.635	1632.635	1271.635	75.15517	48.06762	73.82174	72.40571	69.55894	0	30.44106	8.713061	21.728	31.52431	1
1632.64	1632.64	1271.64	81.5745	147.6701	79.89887	74.04595	42.20147	4.816219	52.98232	17.74811	35.23421	29.48771	1
1632.645	1632.645	1271.645	87.13241	201.1126	85.12637	76.26439	26.71575	8.257275	65.02698	40.47328	24.55369	29.29061	1
1632.65	1632.65	1271.65	89.53966	113.1511	87.86403	84.20595	43.22712	3.879746	52.89314	36.87323	16.01991	30.34352	1
1632.655	1632.655	1271.655	83.06133	44.46116	82.87253	85.07917	54.28721	2.215025	43.49777	25.89266	17.60511	31.24973	1
1632.66	1632.66	1271.66	81.89311	56.01855	81.10249	81.19689	57.22913	0.967982	41.80289	23.73593	18.06696	31.86958	1
1632.665	1632.665	1271.665	82.16451	51.31205	81.26769	80.71308	58.94148	0.436839	40.62168	20.78482	19.83687	32.39773	1
1632.67	1632.67	1271.67	82.08191	41.45345	81.4919	81.25589	59.0255	0.572985	40.40151	23.05059	17.35092	32.51962	1
1632.675	1632.675	1271.675	80.38268	31.51131	79.17905	77.23201	67.75029	0	32.24971	20.47802	11.77168	31.90489	1
1632.68	1632.68	1271.68	85.86979	65.73791	84.27676	83.27373	57.43723	0.224038	42.33874	22.43656	19.90218	32.23387	1
1632.685	1632.685	1271.685	86.73121	119.3475	84.00535	81.20869	52.45058	0.44085	47.10857	29.05735	18.05122	30.9939	1
1632.69	1632.69	1271.69	89.95267	86.90326	88.48944	86.18839	47.55299	3.00599	49.44102	31.83982	17.6012	30.9364	1
1632.695	1632.695	1271.695	90.83769	42.12183	90.23588	87.67523	50.89989	3.740765	45.35935	16.39744	28.9619	31.99958	1
1632.7	1632.7	1271.7	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1633.005	1633.005	1272.005	98.74385	27.44533	99.15686	94.03556	39.31307	13.52641	47.16053	16.01643	31.14409	30.97832	4
1633.01	1633.01	1272.01	100.5021	114.7246	99.16866	98.46065	30.1088	9.299885	60.59132	42.59448	17.99683	29.51924	4
1633.015	1633.015	1272.015	96.3838	204.1621	94.36596	91.64011	17.55795	9.979966	72.46209	39.93296	32.52913	29.30115	4
1633.02	1633.02	1272.02	91.94691	117.8437	90.84949	86.5896	35.3957	7.196097	57.4082	34.90588	22.50232	29.94561	4
1633.025	1633.025	1272.025	91.56931	204.5241	89.16206	83.81655	24.91759	7.548003	67.53441	42.62831	24.9061	29.06183	4
1633.03	1633.03	1272.03	87.63982	139.5103	86.15299	84.81957	37.13281	5.915146	56.95205	25.40417	31.54787	28.95601	4
1633.035	1633.035	1272.035	90.15328	126.3794	89.16206	86.3772	34.15712	7.570771	58.2721	33.47592	24.79618	29.41235	4
1633.04	1633.04	1272.04	87.88763	106.0356	86.17659	83.09673	46.74328	2.942211	50.31451	27.66794	22.64656	30.5747	4
1633.045	1633.045	1272.045	91.0737	142.1977	89.56326	86.4126	33.50619	6.843661	59.65015	39.48408	20.16607	29.35311	4
1633.05	1633.05	1272.05	93.25674	193.1617	91.3569	90.82589	22.18243	9.14991	68.66766	34.48493	34.18273	28.50661	4
1633.055	1633.055	1272.055	91.87611	74.35722	91.3333	90.73149	41.68632	6.651028	51.66265	23.48225	28.18041	30.15623	4
1633.06	1633.06	1272.06	89.53966	71.7951	88.94965	86.389	44.82169	5.230836	49.94747	27.83133	22.11615	30.77779	4
1633.065	1633.065	1272.065	91.97051	164.4214	89.98807	87.76963	30.96108	6.612051	62.42687	34.95118	27.47569	28.95085	4
1633.07	1633.07	1272.07	93.29214	177.7889	90.12968	86.97901	35.65541	2.699409	61.64518	35.89999	25.74519	29.34418	4
1633.075	1633.075	1272.075	93.18594	240.5331	89.64587	85.84619	23.4955	5.394156	71.11034	33.88638	37.22396	28.63817	4
1633.08	1633.08	1272.08	92.71393	232.6935	89.40986	85.36238	23.99788	5.872476	70.12965	42.65785	27.4718	28.68542	4
1633.085	1633.085	1272.085	86.83741	124.235	85.40958	81.94031	41.11038	4.900666	53.98895	25.66303	28.32592	29.75883	4
1633.09	1633.09	1272.09	86.86101	236.9684	84.73696	80.64228	19.20286	10.26553	70.53161	39.72367	30.80793	28.22689	4
1633.095	1633.095	1272.095	84.79597	160.0769	82.86073	80.27647	38.24721	5.395991	56.3568	28.90909	27.4477	28.70438	4
1633.1	1633.1	1272.1	80.83108	45.29663	80.64228	78.54184	56.13685	1.510212	42.35294	13.6039	28.74904	32.21249	4
1633.105	1633.105	1272.105	79.23805	53.99949	78.70704	77.99903	58.14845	0.792805	41.05875	14.50829	26.55045	32.04568	4
1633.11	1633.11	1272.11	82.73092	57.46671	82.24711	79.99327	53.73013	2.14136	44.12851	24.43265	19.69586	31.75114	4
1633.115	1633.115	1272.115	82.54212	64.86066	81.6807	80.06407	55.04096	1.542568	43.41647	28.52898	14.8875	31.70371	4
1633.12	1633.12	1272.12	79.82806	69.99883	78.56544	75.22597	59.40382	0.288727	40.30746	22.58227	17.72518	32.48929	4
1633.125	1633.125	1272.125	81.7751	126.2541	79.58026	73.30253	51.22346	2.108524	46.66801	23.85521	22.8128	30.85988	4
1633.13	1633.13	1272.13	81.7043	66.54553	80.83108	76.15819	55.49546	1.413585	43.09095	28.02865	15.0623	32.25747	4
1633.135	1633.135	1272.135	78.90764	63.09224	77.01961	73.65654	66.76895	0	33.23105	11.72226	21.50879	31.69975	4
1633.14	1633.14	1272.14	79.43866	94.04656	77.98723	73.10193	55.40575	1.413352	43.1809	29.86404	13.31686	31.60986	4
1633.145	1633.145	1272.145	77.99903	78.70168	77.00781	72.16971	56.87705	1.146401	41.97655	28.28483	13.69172	32.03088	4
1633.15	1633.15	1272.15	74.70676	54.41723	73.47953	70.04566	67.61181	0	32.38819	5.561725	26.82647	32.04194	4
1633.155	1633.155	1272.155	74.38815	56.2135	72.81872	69.63265	70.12233	0	29.87767	10.77346	19.10421	31.79092	4
1633.16	1633.16	1272.16	76.26439	69.53931	74.86016	72.81872	63.89102	0	36.10898	23.43797	12.67101	32.02764	4
1633.165	1633.165	1272.165	76.8898	75.91677	75.45017	73.58574	62.04665	0	37.95335	7.602839	30.35051	32.16006	4
1633.17	1633.17	1272.17	81.06709	103.5292	79.04925	75.00176	56.00248	0.940538	43.05698	29.84978	13.2072	31.49974	4
1633.175	1633.175	1272.175	84.51276	151.7082	81.07889	77.91642	52.14737	0.678578	47.17405	26.8213	20.35275	30.23363	4
1633.18	1633.18	1272.18	78.93125	78.17255	77.33821	75.42657	60.8115	0	39.1885	12.43791	26.75059	32.19389	4
1633.185	1633.185	1272.185	76.37059	60.72506	74.97816	74.06955	65.83491	0	34.16509	15.62642	18.53866	31.65033	4
1633.19	1633.19	1272.19	78.82504	86.87541	77.31461	77.05501	58.16295	0.707212	41.12984	28.72993	12.39991	31.29601	4
1633.195	1633.195	1272.195	78.17603	60.76683	77.27921	76.5358	60.32282	0.175881	39.5013	25.45114	14.05016	32.24203	4
1633.2	1633.2	1272.2	76.24079	88.65775	74.71856	73.32613	60.20059	0.460181	39.33923	28.60957	10.72966	31.62342	4
1633.205	1633.205	1272.205	75.75698	123.8034	73.51493	73.37333	57.71902	1.445245	40.83574	12.86656	27.96918	30.17382	4
1633.21	1633.21	1272.21	79.46226	297.8745	75.00176	71.6977	29.37792	8.837147	61.78494	32.0098	29.77514	25.59686	4
1633.215	1633.215	1272.215	76.6774	103.7381	74.21115	72.54731	63.46562	0	36.53438	12.70426	23.83011	31.61638	4
1633.22	1633.22	1272.22	76.06379	81.52837	73.85714	71.54429	67.39295	0	32.60705	6.858579	25.74847	31.54937	4
1633.225	1633.225	1272.225	73.25533	96.76185	71.7213	68.73584	61.07747	0.644347	38.27818	16.95642	21.32176	31.66307	4
1633.23	1633.23	1272.23	78.61264	151.7361	76.33519	72.98392	48.60646	3.423839	47.9697	33.41779	14.55191	29.2341	4
1633.235	1633.235	1272.235	79.15545	122.1881	77.12581	75.27317	53.33718	1.996428	44.66639	24.34992	20.31647	30.17006	4
1633.24	1633.24	1272.24	81.3621	197.1859	77.68042	75.81598	45.96088	3.419495	50.61963	35.01315	15.60648	28.07747	4
1633.245	1633.245	1272.245	86.09399	261.7541	82.40052	78.47104	26.07347	7.239858	66.68667	31.02919	35.65748	27.34344	4
1633.25	1633.25	1272.25	79.41506	121.102	76.7836	75.82778	58.02523	0.642319	41.33245	25.28812	16.04433	30.76626	4
1633.255	1633.255	1272.255	81.6571	111.1738	80.02867	79.09645	50.59177	2.482825	46.92541	15.37217	31.55324	30.05792	4
1633.26	1633.26	1272.26	78.34123	69.8735	76.9606	75.55638	61.71655	0	38.28345	21.93107	16.35239	32.13899	4
1633.265	1633.265	1272.265	83.00233	169.4481	78.83684	74.57696	54.91393	0.227714	44.85836	14.42441	30.43395	30.32961	4
1633.27	1633.27	1272.27	89.51606	349.0473	82.50672	75.43837	27.4982	2.43377	70.06803	39.70622	30.3618	27.01519	4
1633.275	1633.275	1272.275	85.78719	240.5331	80.72488	76.13459	42.09964	2.162891	55.73747	36.85048	18.88699	28.05647	4
1633.28	1633.28	1272.28	82.44772	311.9522	76.7128	74.60056	33.10128	6.463139	60.43558	35.76755	24.66803	25.43139	4
1633.285	1633.285	1272.285	76.6066	176.4522	73.14913	70.28167	53.6159	2.816728	43.56737	23.5601	20.00727	29.00658	4
1633.29	1633.29	1272.29	80.08767	152.0006	77.26741	74.71856	51.39219	2.329298	46.27851	13.88944	32.38907	29.53594	4

1633.295	1633.295	1272.295	73.93974	35.27094	73.63294	73.63294	65.81762	0	34.18238	22.2233	11.95908	31.71103	4
1633.3	1633.3	1272.3	74.32915	44.01557	73.36153	72.99572	68.46447	0	31.53553	11.47893	20.0566	31.46731	4
1633.305	1633.305	1272.305	80.70128	242.0926	76.7128	75.04897	38.07914	5.854776	56.06608	33.58122	22.48486	26.59593	4
1633.31	1633.31	1272.31	76.35879	82.37777	75.02537	72.40571	60.14855	0.418156	39.43329	11.156	28.27729	31.98197	4
1633.315	1633.315	1272.315	80.94909	287.0411	76.5594	74.73036	30.08298	8.002711	61.9143	32.27936	29.63495	25.71477	4
1633.32	1633.32	1272.32	83.40354	122.954	81.5509	78.68344	47.87183	2.939189	49.18898	30.46663	18.72235	30.02752	4
1633.325	1633.325	1272.325	80.96089	222.7514	77.14941	70.76548	41.14911	4.899716	53.95118	20.30669	33.64449	28.01732	4
1633.33	1633.33	1272.33	76.7718	45.43588	75.72158	74.67136	66.51368	0	33.48632	9.078901	24.40742	31.7732	4
1633.335	1633.335	1272.335	78.63624	210.4281	75.73338	73.92794	39.22821	6.100724	54.67106	24.55985	30.11121	27.08454	4
1633.34	1633.34	1272.34	79.02565	96.94287	76.7364	75.66258	61.57789	0	38.42211	12.30442	26.11769	31.49894	4
1633.345	1633.345	1272.345	77.50342	60.55797	76.35879	74.35275	62.91266	0	37.08734	8.277469	28.80987	32.24642	4
1633.35	1633.35	1272.35	80.63048	89.24258	78.44744	75.17877	61.14185	0	38.85815	24.47287	14.38528	31.87248	4
1633.355	1633.355	1272.355	83.93455	147.7119	81.7515	78.30583	43.95254	3.770065	52.27739	31.3262	20.95119	29.37299	4
1633.36	1633.36	1272.36	87.53362	380.1408	81.25589	75.37937	16.12739	7.688359	76.18425	51.87719	24.30707	26.63072	4
1633.365	1633.365	1272.365	80.79568	63.23148	79.76906	78.40023	58.32227	0.589806	41.08793	25.40939	15.67854	32.12414	4
1633.37	1633.37	1272.37	75.70978	64.88851	74.42355	73.18453	64.61224	0	35.38776	21.99334	13.39442	31.85531	4
1633.375	1633.375	1272.375	76.00479	53.76277	75.14337	71.41449	63.74099	0	36.25901	9.675946	26.58306	32.55615	4
1633.38	1633.38	1272.38	74.14035	50.68544	73.17273	71.6859	67.02406	0	32.97594	12.08598	20.88996	31.76798	4
1633.385	1633.385	1272.385	72.75972	43.89025	71.8275	71.06048	69.66432	0	30.33568	21.54366	8.792019	31.44662	4
1633.39	1633.39	1272.39	74.30555	73.75846	72.64172	70.41147	66.68406	0	33.31594	24.21108	9.104858	31.82338	4
1633.395	1633.395	1272.395	75.78058	96.83148	73.97514	71.8275	60.84079	0.426726	38.73249	14.9982	23.73429	31.66423	4
1633.4	1633.4	1272.4	73.95154	89.86919	72.0045	70.84808	65.3058	0	34.6942	9.164676	25.52953	31.73494	4
1633.405	1633.405	1272.405	73.32613	98.3771	71.14309	68.73584	65.6513	0	34.3487	11.03647	23.31223	31.9945	4
1633.41	1633.41	1272.41	70.73008	94.74279	68.35823	66.02178	70.3824	0	29.6176	5.376088	24.24151	32.01101	4
1633.415	1633.415	1272.415	69.57365	41.21673	68.98364	69.44385	70.59038	0	29.40962	12.10343	17.30618	31.08944	4
1633.42	1633.42	1272.42	75.34397	87.29314	73.91614	71.20209	60.62428	0.433622	38.9421	10.02486	28.91723	31.90164	4
1633.425	1633.425	1272.425	75.57998	266.2657	71.13129	68.26383	40.50749	7.299365	52.19315	28.17476	24.01839	25.773	4
1633.43	1633.43	1272.43	71.37909	135.4025	68.01602	66.28139	67.62761	0.427093	31.9453	25.13483	6.810474	31.65648	4
1633.435	1633.435	1272.435	65.53797	56.71478	64.20454	61.9743	76.31415	0	23.68585	20.17682	3.509024	31.84801	4
1633.44	1633.44	1272.44	68.48803	106.7875	67.0366	58.63483	62.39701	0.981003	36.62199	11.72935	24.89264	32.29134	4
1633.445	1633.445	1272.445	67.61481	89.63247	65.88018	59.69685	69.54674	0	30.45326	21.23915	9.214107	32.8575	4
1633.45	1633.45	1272.45	69.65625	59.98706	68.47623	66.836	70.54457	0	29.45543	7.517305	21.93813	31.62804	4
1633.455	1633.455	1272.455	67.24901	46.02071	65.99818	65.27836	76.6878	0	23.3122	6.805374	16.50682	31.41759	4
1633.46	1633.46	1272.46	68.55883	43.37504	67.85082	66.43479	71.91623	0	28.08377	19.27579	8.807988	31.40216	4
1633.465	1633.465	1272.465	67.89802	50.50442	66.61179	65.24296	75.28001	0	24.71999	7.409345	17.31065	31.53566	4
1633.47	1633.47	1272.47	65.00696	45.49158	63.61453	61.46689	79.97596	0	20.02404	8.821905	11.20214	31.91796	4
1633.475	1633.475	1272.475	67.54401	134.5671	65.08956	65.37277	64.31627	1.55129	34.13244	22.78711	11.34533	30.2758	4
1633.48	1633.48	1272.48	70.60027	110.1016	68.62963	66.37579	63.67563	0.655594	35.66878	16.25638	19.4124	31.48195	4
1633.485	1633.485	1272.485	65.71497	66.79617	64.31074	62.2457	74.26032	0	25.73968	4.4106	21.32908	31.88142	4
1633.49	1633.49	1272.49	71.6387	454.9993	65.32557	57.66721	12.90932	18.1659	68.92478	46.16417	22.76062	23.35498	4
1633.495	1633.495	1272.495	66.63539	221.2893	63.57913	61.56129	48.82946	6.710615	44.45992	31.50498	12.95494	26.29524	4
1633.5	1633.5	1272.5	72.75972	116.3677	70.89528	69.32585	59.34948	1.38645	39.26407	12.69895	26.56511	30.61301	4
1633.505	1633.505	1272.505	66.42299	79.94097	64.48775	60.66447	74.54324	0	25.45676	15.38675	10.07	32.4507	4
1633.51	1633.51	1272.51	64.75915	151.2766	62.0569	61.20728	64.75513	2.363567	32.8813	12.61983	20.26148	29.89826	1
1633.515	1633.515	1272.515	61.18368	33.64177	60.72347	59.37824	79.13633	0	20.86367	20.86367	0	31.27501	1
1633.52	1633.52	1272.52	59.29564	22.68313	58.61123	56.68779	85.2629	0	14.7371	14.7371	0	31.85861	1
1633.525	1633.525	1272.525	57.96221	20.41342	57.3722	55.55496	86.30731	0	13.69269	13.69269	0	31.88401	1
1633.53	1633.53	1272.53	57.1362	19.56402	56.80579	56.46358	85.26086	0	14.73914	14.73914	0	31.33518	1
1633.535	1633.535	1272.535	56.19218	23.42113	55.57857	54.68175	87.39078	0	12.60922	12.60922	0	31.9219	1
1633.54	1633.54	1272.54	56.94739	26.88835	55.99157	54.57554	88.50902	0	11.49098	8.504295	2.986686	32.409	1
1633.545	1633.545	1272.545	60.01546	34.93675	59.35464	58.35162	81.45239	0	18.54761	18.54761	0	31.47858	1
1633.55	1633.55	1272.55	57.1834	24.88321	56.32198	55.16556	88.04552	0	11.95448	9.779852	2.174625	32.20816	1
1633.555	1633.555	1272.555	55.16556	16.27783	54.58735	53.63153	89.7896	0	10.2104	10.2104	0	32.14541	1
1633.56	1633.56	1272.56	56.42818	16.30567	55.74377	54.44574	89.44431	0	10.55569	5.800334	4.755359	32.2069	1
1633.565	1633.565	1272.565	57.2306	25.30095	56.55799	55.40156	86.43778	0	13.56222	13.56222	0	31.90102	1
1633.57	1633.57	1272.57	60.40486	19.34123	60.12166	62.0215	81.94179	0	18.05821	10.86011	7.198095	30.60621	1
1633.575	1633.575	1272.575	60.27506	19.42478	60.03906	60.48747	81.67518	0	18.32482	4.394638	13.93018	30.82972	1
1633.58	1633.58	1272.58	59.92105	16.89051	59.36644	59.16584	85.08337	0	14.91663	14.20828	0.708357	31.37754	1
1633.585	1633.585	1272.585	62.2221	22.75275	61.58489	63.22512	82.1879	0	17.8121	12.90157	4.910532	30.88771	1
1633.59	1633.59	1272.59	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1633.6	1633.6	1272.6	60.25146	32.84807	59.03604	56.38098	86.03897	0	13.96103	3.032609	10.92842	32.46298	1
1633.605	1633.605	1272.605	60.53467	43.62569	59.43724	59.03604	82.25572	0	17.74428	14.41925	3.325033	31.74998	1
1633.61	1633.61	1272.61	60.91228	27.08329	60.09806	58.89443	83.71673	0	16.28327	6.663664	9.619606	31.67656	1
1633.615	1633.615	1272.615	61.38428	36.41276	60.02726	58.89443	85.23154	0	14.76846	14.76846	0	32.16914	1
1633.62	1633.62	1272.62	61.83269	44.36369	60.74707	60.92408	80.79148	0	19.20852	10.25319	8.955323	31.5014	1
1633.625	1633.625	1272.625	62.58791	24.46547	61.70289	61.32528	83.35737	0	16.64263	16.64263	0	31.47483	1
1633.63	1633.63	1272.63	64.48775	37.22038	63.49653	63.80333	79.3459	0	20.6541	17.96978	2.684326	31.22638	1
1633.635	1633.635	1272.635	62.2339	27.5428	61.50229	60.53467	81.74947	0	18.25053	11.04696	7.203576	31.42886	1
1633.64	1633.64	1272.64	60.92408	24.32623	60.49927	60.73527	81.35517	0	18.64483	18.38644	0.258393	31.00032	1
1633.645	1633.645	1272.645	61.87989	19.48048	61.64389	61.01848	80.18526	0	19.81474	19.163	0.651741	30.95718	1
1633.65	1633.65	1272.65	63.85054	21.27675	63.30772	63.30772	80.31532	0	19.68468	8.977555	10.70712	31.02439	1
1633.655	1633.655	1272.655	66.41119	30.64798	65.54977	64.93616	78.16088	0	21.83912	7.521589	14.31753	31.23603	1
1633.66	1633.66	1272.66	64.01574	21.12358	63.52013	62.68231	79.83459	0	20.16541	16.11802	4.047387	31.13653	1

1633.665	1633.665	1272.665	65.83298	36.27351	64.91256	64.42875	77.78872	0	22.21128	17.21563	4.99565	31.26175	1
1633.67	1633.67	1272.67	68.62963	43.58391	67.65021	66.24598	73.90394	0	26.09606	10.66985	15.42621	31.42318	1
1633.675	1633.675	1272.675	69.55005	24.32623	68.79484	67.75642	75.97992	0	24.02008	10.96152	13.05855	31.23973	1
1633.68	1633.68	1272.68	68.34643	23.03124	67.80362	67.27261	75.75451	0	24.24549	7.395079	16.85041	31.0794	1
1633.685	1633.685	1272.685	68.87744	27.96054	68.53523	68.40543	72.51841	0	27.48159	4.189643	23.29195	31.03531	1
1633.69	1633.69	1272.69	68.85384	42.56742	68.31103	66.8478	70.55994	0	29.44006	12.88101	16.55905	31.41993	1
1633.695	1633.695	1272.695	69.89226	48.01193	68.97184	67.96882	71.21348	0	28.78652	13.8718	14.91472	31.40585	1
1633.7	1633.7	1272.7	71.29649	36.21781	70.83628	68.86564	69.20914	0	30.79086	13.31465	17.47621	31.64363	1
1633.705	1633.705	1272.705	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1636.08	1636.08	1275.08	85.86979	45.75614	85.38598	84.30036	53.67633	2.415054	43.90861	24.61791	19.29071	31.85353	13
1636.085	1636.085	1275.085	83.39174	65.69613	82.27071	80.68948	56.06907	1.089523	42.84141	12.14195	30.69946	31.88399	13
1636.09	1636.09	1275.09	77.92822	45.08777	76.819	76.21719	65.99127	0	34.00873	5.594499	28.41423	31.71858	4
1636.095	1636.095	1275.095	76.7482	35.91147	76.6656	76.524	61.34124	0	38.65876	11.356	27.30276	32.58295	4
1636.1	1636.1	1275.1	73.75094	28.04409	74.04595	74.93096	63.07617	0	36.92383	19.00712	17.91671	31.90076	4
1636.105	1636.105	1275.105	75.69798	26.34529	75.17877	73.39693	68.00618	0	31.99382	20.15297	11.84085	31.94373	4
1636.11	1636.11	1275.11	73.33793	30.80115	72.98392	72.64172	67.81878	0	32.18122	15.67629	16.50493	31.53988	4
1636.115	1636.115	1275.115	72.27591	40.7433	71.10768	69.75066	72.70002	0	27.29998	4.891059	22.40892	31.39607	4
1636.12	1636.12	1275.12	71.23749	43.90418	70.06926	70.44687	72.89044	0	27.10956	10.73198	16.37758	31.08879	4
1636.125	1636.125	1275.125	71.56789	35.67475	71.6387	72.29951	64.97554	0	35.02446	18.28181	16.74266	31.45309	4
1636.13	1636.13	1275.13	69.63265	30.57836	69.39665	69.72706	70.36703	0	29.63297	23.0924	6.540567	31.02711	4
1636.135	1636.135	1275.135	70.56487	36.34313	70.37607	69.91586	67.74851	0	32.25149	19.9682	12.28329	31.37359	4
1636.14	1636.14	1275.14	67.0484	37.09506	66.50559	66.02178	73.54525	0	26.45475	14.00984	12.4449	31.08882	4
1636.145	1636.145	1275.145	65.77398	41.07749	65.56157	63.03632	71.19332	0	28.80668	12.62344	16.18324	31.38648	4
1636.15	1636.15	1275.15	66.7534	50.92216	65.83298	66.17518	73.39696	0	26.60304	20.22035	6.382694	31.11972	4
1636.155	1636.155	1275.155	67.79182	47.23215	66.7652	67.2254	74.15766	0	25.84234	16.00753	9.83481	31.09226	4
1636.16	1636.16	1275.16	72.26411	35.7026	71.6387	70.74188	69.72394	0	30.27606	8.488372	21.78769	31.4388	4
1636.165	1636.165	1275.165	66.22238	89.31221	63.83874	61.51409	75.93513	0	24.06487	22.6892	1.37567	32.4242	4
1636.17	1636.17	1275.17	65.96278	34.50509	65.18396	62.84751	76.99984	0	23.00016	3.812919	19.18725	31.50212	4
1636.175	1636.175	1275.175	68.21663	14.52333	68.31103	67.98062	72.99444	0	27.00556	21.79436	5.211193	30.88064	4
1636.18	1636.18	1275.18	65.63237	26.66556	65.23116	62.96552	76.27452	0	23.72548	12.59913	11.12635	31.29702	4
1636.185	1636.185	1275.185	66.8006	49.5297	66.7534	66.26959	66.92307	0	33.07693	24.98134	8.095587	31.21195	4
1636.19	1636.19	1275.19	63.83874	45.12954	63.54373	63.21332	72.63331	0	27.36669	21.38603	5.980657	30.96507	4
1636.195	1636.195	1275.195	63.22512	69.55324	62.3165	59.22484	72.0428	0	27.9572	21.91095	6.046256	31.93837	4
1636.2	1636.2	1275.2	61.66749	63.34288	59.31924	57.73801	86.13586	0	13.86414	13.86414	0	33.12488	4
1636.205	1636.205	1275.205	57.89141	52.39817	56.41638	53.21852	85.49103	0	14.50897	10.49405	4.014917	32.98615	4
1636.21	1636.21	1275.21	62.0569	49.5854	62.55251	61.25448	67.06701	0	32.93299	7.696588	25.2364	30.88298	4
1636.215	1636.215	1275.215	67.37881	39.49009	66.8596	64.79455	72.47878	0	27.52122	8.882628	18.63859	31.40515	4
1636.22	1636.22	1275.22	69.73886	42.06613	70.09286	69.88046	62.91669	0	37.08331	15.91697	21.16634	31.604	4
1636.225	1636.225	1275.225	63.36673	53.95772	61.46689	60.48747	83.3686	0	16.6314	16.26379	0.367611	32.28631	4
1636.23	1636.23	1275.23	64.36975	48.01193	63.08352	62.3165	79.1292	0	20.8708	12.33474	8.536062	31.60333	4
1636.235	1636.235	1275.235	65.70317	93.40603	66.00998	68.35823	54.57107	1.943007	43.48592	14.40255	29.08337	29.22361	4
1636.24	1636.24	1275.24	64.39335	78.04723	63.35493	62.52891	69.91846	0	30.08154	9.206228	20.87531	31.64731	4
1636.245	1636.245	1275.245	64.82996	90.50972	65.21936	69.25505	55.43518	1.690738	42.87409	22.06602	20.80807	29.04112	4
1636.25	1636.25	1275.25	61.85629	82.14105	62.3165	59.90925	59.64745	0.704223	39.64833	23.28654	16.36178	30.86103	4
1636.255	1636.255	1275.255	60.66447	61.81118	59.01244	55.93257	82.03365	0	17.96635	8.071896	9.894458	32.70781	4
1636.26	1636.26	1275.26	64.80636	74.99775	65.78578	66.28139	54.63819	1.355275	44.00653	17.97764	26.02889	29.97996	4
1636.265	1636.265	1275.265	61.49049	56.03248	60.16886	59.61425	80.1115	0	19.8885	19.8885	0	31.82513	4
1636.27	1636.27	1275.27	63.43753	79.82957	60.92408	57.325	81.79797	0	18.20203	3.965217	14.23681	33.19792	4
1636.275	1636.275	1275.275	64.14554	53.97164	63.07172	64.02754	76.24709	0	23.75291	22.45074	1.302177	31.1547	4
1636.28	1636.28	1275.28	63.74433	43.77886	62.96552	63.05992	76.79655	0	23.20345	6.599243	16.6042	31.12652	4
1636.285	1636.285	1275.285	62.1985	38.68246	61.44329	60.67627	79.26914	0	20.73086	7.208283	13.52257	31.34091	4
1636.29	1636.29	1275.29	62.2929	42.17753	62.2339	61.9507	72.94083	0	27.05917	17.20328	9.85589	30.78973	4
1636.295	1636.295	1275.295	63.82694	50.74114	62.74131	61.80909	77.41344	0	22.58656	4.23042	18.35614	31.52275	4
1636.3	1636.3	1275.3	62.49351	39.19767	61.38428	60.34586	81.61661	0	18.38339	18.38339	0	31.69625	4
1636.305	1636.305	1275.305	62.71771	59.01234	62.1159	59.76765	72.68276	0	27.31724	15.20734	12.10989	31.57249	4
1636.31	1636.31	1275.31	62.85932	55.82361	61.66749	59.85025	77.89676	0	22.10324	7.785044	14.3182	31.82685	4
1636.315	1636.315	1275.315	63.11892	120.4058	61.11288	60.73527	68.33921	0.934701	30.72608	20.37145	10.35464	31.18152	4
1636.32	1636.32	1275.32	61.38428	108.6674	59.82665	58.67023	69.3006	0.480561	30.21883	14.14668	16.07215	31.70609	4
1636.325	1636.325	1275.325	67.1782	114.8499	65.39637	62.69411	64.21162	1.010554	34.77783	23.28453	11.4933	31.24717	4
1636.33	1636.33	1275.33	72.37031	163.3909	69.14884	65.98638	58.84507	2.485643	38.66929	13.91922	24.75006	29.66391	4
1636.335	1636.335	1275.335	67.93342	94.65924	66.37579	62.38731	66.66537	0	33.33463	8.268029	25.06661	32.50849	4
1636.34	1636.34	1275.34	65.37277	162.8757	63.52013	56.05058	54.79907	4.065722	41.1352	22.12746	19.00775	29.28367	4
1636.345	1636.345	1275.345	69.96306	114.7942	68.65323	63.68533	58.00495	1.857651	40.1374	11.4188	28.71859	30.8185	4
1636.35	1636.35	1275.35	64.77095	66.83795	63.63813	59.93285	73.01532	0	26.98468	9.067839	17.91684	32.08616	4
1636.355	1636.355	1275.355	60.45207	45.63082	59.56705	56.90019	80.20033	0	19.79967	11.39237	8.407303	31.90995	4
1636.36	1636.36	1275.36	60.66447	45.5055	59.76765	57.84421	80.1267	0	19.8733	9.225474	10.64783	31.76839	4
1636.365	1636.365	1275.365	59.28384	59.4997	58.41062	57.1126	77.82738	0	22.17262	8.673626	13.499	31.7021	4
1636.37	1636.37	1275.37	58.42242	66.93542	56.78219	54.32774	82.76481	0	17.23519	10.02744	7.207746	32.84325	4
1636.375	1636.375	1275.375	57.1952	50.11454	55.68477	53.98553	86.95854	0	13.04146	13.04146	0	32.90459	4
1636.38	1636.38	1275.38	63.47293	33.33543	62.90652	61.39609	77.92742	0	22.07258	8.233467	13.83911	31.28177	4
1636.385	1636.385	1275.385	59.79125	44.44724	59.23664	56.68779	78.53406	0	21.46594	7.588075	13.87787	31.60841	4
1636.39	1636.39	1275.39	58.46962	40.52051	57.4548	55.81457	84.26684	0	15.73316	10.00859	5.724569	32.1112	4
1636.395	1636.395	1275.395	66.02178	27.11114	66.34039	66.48199	70.22987	0	29.77013	17.44417	12.32597	30.69269	4

1636.4	1636.4	1275.4	57.60821	47.59419	56.34558	55.43696	85.26801	0	14.73199	14.73199	0	32.35413	4
1636.405	1636.405	1275.405	63.15432	39.8939	62.50531	62.50531	77.27355	0	22.72645	16.67795	6.048498	31.07139	4
1636.41	1636.41	1275.41	57.70261	38.45967	56.90019	55.93257	83.82509	0	16.17491	16.17491	0	31.80973	4
1636.415	1636.415	1275.415	53.73773	45.53335	53.04151	52.3925	84.93788	0	15.06212	13.21172	1.850403	31.99117	4
1636.42	1636.42	1275.42	57.0772	66.55946	55.77917	52.66391	81.4413	0	18.5587	18.5587	0	32.70171	4
1636.425	1636.425	1275.425	56.64059	105.0609	53.70233	50.23306	85.23744	0	14.76256	10.89972	3.862839	34.82075	4
1636.43	1636.43	1275.43	57.089	74.53824	55.16556	51.55468	84.34653	0	15.65347	7.536496	8.116977	33.5802	4
1636.435	1636.435	1275.435	58.29262	67.95191	56.42818	52.2745	84.37582	0	15.62418	15.62418	0	33.47002	4
1636.44	1636.44	1275.44	56.20398	38.15333	55.16556	51.83789	87.107	0	12.893	12.893	0	32.79282	4
1636.445	1636.445	1275.445	54.90595	34.2823	53.86753	52.3925	89.23797	0	10.76203	10.76203	0	32.72157	4
1636.45	1636.45	1275.45	56.74679	36.42668	56.16858	54.11534	83.45884	0	16.54116	11.71612	4.825038	31.82591	4
1636.455	1636.455	1275.455	54.33954	41.11926	52.89991	50.44546	91.21389	0	8.786109	8.786109	0	33.6048	4
1636.46	1636.46	1275.46	56.22758	64.2062	54.19794	53.50172	88.46245	0	11.53755	5.409819	6.127731	33.5179	4
1636.465	1636.465	1275.465	56.34558	58.45535	54.83515	51.75529	85.72171	0	14.27829	14.27829	0	33.17695	4
1636.47	1636.47	1275.47	57.0418	74.64963	54.82335	53.40732	86.64929	0	13.35071	13.35071	0	33.63327	4
1636.475	1636.475	1275.475	58.05662	58.51105	56.92379	56.68779	81.20762	0	18.79238	9.047011	9.745371	31.89953	4
1636.48	1636.48	1275.48	56.26298	50.00314	54.78795	54.57554	87.56878	0	12.43122	8.081347	4.349869	32.72979	1
1636.485	1636.485	1275.485	56.92379	62.50741	55.07116	51.62548	86.86126	0	13.13874	13.13874	0	33.62727	1
1636.49	1636.49	1275.49	58.33982	44.50293	57.1952	53.14772	84.42849	0	15.57151	4.649371	10.92214	32.70374	1
1636.495	1636.495	1275.495	59.55525	60.51619	57.91501	55.75557	83.27607	0	16.72393	10.05156	6.672374	32.68381	1
1636.5	1636.5	1275.5	56.75859	40.52051	56.36918	55.99157	80.99405	0	19.00595	6.280232	12.72572	31.23901	1
1636.505	1636.505	1275.505	55.72017	48.13725	54.76435	50.37466	84.49583	0	15.50417	14.67264	0.831524	32.79337	1
1636.51	1636.51	1275.51	59.31924	29.65934	59.18944	57.59641	79.25471	0	20.74529	20.74529	0	31.068	1
1636.515	1636.515	1275.515	59.15404	31.46953	59.28384	59.40184	76.95669	0	23.04331	13.28031	9.763006	30.51324	1
1636.52	1636.52	1275.52	57.65541	43.72316	55.72017	53.98553	91.37413	0	8.625871	8.625871	0	33.66465	1
1636.525	1636.525	1275.525	56.87659	50.76899	54.83515	54.98855	91.20861	0	8.791385	8.791385	0	33.5174	1
1636.53	1636.53	1275.53	53.97373	75.15092	51.25968	49.53684	93.19158	0	6.808424	4.043794	2.76463	35.28887	1
1636.535	1636.535	1275.535	51.34228	36.52415	49.82005	49.12383	95.72355	0	4.276449	4.114955	0.161493	34.21781	1
1636.54	1636.54	1275.54	51.76709	51.07533	50.16225	48.53382	92.45151	0	7.548495	7.548495	0	34.07888	1
1636.545	1636.545	1275.545	50.82307	51.42345	49.19463	48.91143	93.41866	0	6.581337	6.581337	0	34.07919	1
1636.55	1636.55	1275.55	50.44546	29.89606	49.54864	49.78465	93.30567	0	6.694326	5.234313	1.460013	33.04032	1
1636.555	1636.555	1275.555	51.36588	63.49605	50.51626	49.40704	83.96188	0	16.03812	16.03812	0	32.43508	1
1636.56	1636.56	1275.56	51.77889	70.33302	51.57828	53.91473	76.89752	0	23.10248	15.7386	7.363888	30.80575	1
1636.565	1636.565	1275.565	51.29508	57.38316	50.31566	48.67542	86.51231	0	13.48769	4.188593	9.299098	32.83996	1
1636.57	1636.57	1275.57	49.45424	53.26149	47.94381	47.11779	93.31866	0	6.68134	6.68134	0	34.17801	1
1636.575	1636.575	1275.575	46.53958	50.57405	44.75774	43.55412	98.7539	0	1.246099	1.246099	0	35.69464	1
1636.58	1636.58	1275.58	49.24184	53.26149	47.24759	47.4246	97.2636	0	2.736401	2.736401	0	35.16731	1
1636.585	1636.585	1275.585	47.3066	52.57919	45.28875	44.26213	99.39204	0	0.607959	0.607959	0	35.9941	1
1636.59	1636.59	1275.59	47.94381	54.93244	46.20917	44.06153	96.04147	0	3.958528	3.958528	0	35.24631	1
1636.595	1636.595	1275.595	47.86121	39.53186	46.39798	44.08513	97.74101	0	2.258988	2.258988	0	35.12446	1
1636.6	1636.6	1275.6	47.88481	33.02909	46.76378	45.02915	96.64087	0	3.359133	3.359133	0	34.38302	1
1636.605	1636.605	1275.605	48.59282	28.615	47.82581	46.97619	94.31415	0	5.685853	5.685853	0	33.36488	1
1636.61	1636.61	1275.61	49.01763	40.61798	47.90841	46.24457	93.67071	0	6.329294	6.329294	0	33.86947	1
1636.615	1636.615	1275.615	49.71384	51.54877	48.20341	45.37136	93.4943	0	6.505698	6.505698	0	34.53497	1
1636.62	1636.62	1275.62	49.27724	55.29448	47.3892	43.99073	95.91598	0	4.08402	4.08402	0	35.49952	1
1636.625	1636.625	1275.625	54.45754	54.82104	52.95891	53.21852	88.24676	0	11.75324	11.75324	0	32.91518	1
1636.63	1636.63	1275.63	57.1244	51.53484	56.61699	55.25996	78.90655	0	21.09345	15.88017	5.213279	31.48885	1
1636.635	1636.635	1275.635	55.34256	64.59609	54.26874	53.52532	81.77471	0	18.22529	7.35605	10.86924	32.18577	1
1636.64	1636.64	1275.64	56.32198	75.47118	54.68175	53.63153	82.63156	0	17.36844	17.36844	0	32.81238	1
1636.645	1636.645	1275.645	55.36616	49.26514	54.38674	54.84695	84.73147	0	15.26853	13.82673	1.441797	31.96573	1
1636.65	1636.65	1275.65	55.93257	42.31678	54.92955	52.2745	86.07478	0	13.92522	13.92522	0	32.58838	1
1636.655	1636.655	1275.655	57.77341	66.83795	58.44602	60.03906	65.46092	0	34.53908	8.74244	25.79664	30.25662	1
1636.66	1636.66	1275.66	57.4666	58.67815	56.64059	59.08324	79.33224	0	20.66776	5.650399	15.01736	31.10018	1
1636.665	1636.665	1275.665	54.98855	35.35449	54.33954	53.80853	85.8846	0	14.1154	14.1154	0	31.86206	1
1636.67	1636.67	1275.67	56.67599	55.2527	55.27176	54.24514	85.36971	0	14.63029	3.886736	10.74355	32.62379	1
1636.675	1636.675	1275.675	56.92379	32.62527	56.36918	55.67297	84.03303	0	15.96697	10.74986	5.217111	31.56074	1
1636.68	1636.68	1275.68	59.14224	52.95515	58.67023	57.90321	76.43207	0	23.56793	10.89499	12.67294	31.23517	1
1636.685	1636.685	1275.685	59.88565	38.39005	59.76765	60.40486	76.52933	0	23.47067	13.6044	9.866276	30.62549	1
1636.69	1636.69	1275.69	60.74707	39.26729	60.46387	60.67627	76.80485	0	23.19515	20.27878	2.916369	30.82155	1
1636.695	1636.695	1275.695	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1637.055	1637.055	1276.055	76.6066	58.77562	75.15517	75.06077	66.54681	0	33.45319	13.26542	20.18777	31.38366	1
1637.06	1637.06	1276.06	71.7449	82.55879	69.73886	69.32585	69.56229	0	30.43771	12.56276	17.87495	31.46862	1
1637.065	1637.065	1276.065	68.08682	50.04491	66.8124	65.53797	75.12606	0	24.87394	12.12905	12.74489	31.47451	1
1637.07	1637.07	1276.07	64.49955	28.90741	63.23692	61.71469	83.45017	0	16.54983	14.21138	2.33845	31.81675	1
1637.075	1637.075	1276.075	65.36097	33.2658	64.11014	62.70591	81.51149	0	18.48851	18.48851	0	31.66776	1
1637.08	1637.08	1276.08	66.777	19.95391	66.29319	65.95098	77.48584	0	22.51416	15.22156	7.2926	30.96867	1
1637.085	1637.085	1276.085	64.03934	91.87433	61.9861	61.44329	74.76285	0	25.23715	20.83737	4.399783	32.15775	1
1637.09	1637.09	1276.09	65.60877	53.08047	65.26656	62.3047	69.44656	0	30.55344	20.92314	9.630296	31.61319	1
1637.095	1637.095	1276.095	68.68863	60.86431	67.40241	65.80938	72.04555	0	27.95445	12.94073	15.01372	31.59501	1
1637.1	1637.1	1276.1	69.04264	77.21175	67.47321	65.66777	69.95862	0	30.04138	13.00771	17.03366	31.81192	1
1637.105	1637.105	1276.105	65.21936	121.3387	62.44631	57.3958	72.12541	0.272413	27.60218	15.56205	12.04013	33.0523	1
1637.11	1637.11	1276.11	67.94522	103.1254	66.36399	60.26326	64.78861	0.5213	34.69009	11.48394	23.20615	32.33241	1
1637.115	1637.115	1276.115	65.32557	79.55108	63.73253	57.69081	72.99512	0	27.00488	23.09431	3.910566	32.76651	1

1637.12	1637.12	1276.12	64.55855	34.51901	63.18972	62.2457	82.86095	0	17.13905	11.94938	5.189668	31.75474	1
1637.125	1637.125	1276.125	69.46745	64.28975	67.94522	63.86234	72.32912	0	27.67088	5.903964	21.76692	32.08112	1
1637.13	1637.13	1276.13	66.67079	82.58664	65.03056	60.19246	71.38871	0	28.61129	18.24761	10.36368	32.51804	1
1637.135	1637.135	1276.135	73.40873	121.102	70.50587	65.12496	65.65444	0.094941	34.25062	22.84108	11.40954	32.41123	1
1637.14	1637.14	1276.14	70.57667	125.0705	72.96032	64.72375	26.32912	8.560986	65.1099	28.87793	36.23197	29.69979	1
1637.145	1637.145	1276.145	69.40845	94.13011	68.11042	63.66173	63.42445	0.42146	36.15409	25.46331	10.69078	32.09727	1
1637.15	1637.15	1276.15	67.55581	113.8612	66.06898	65.65597	61.81717	1.333492	36.84934	16.18161	20.66773	30.43376	1
1637.155	1637.155	1276.155	70.23447	174.0572	68.26383	63.37853	48.53492	4.950415	46.51466	16.06816	30.44651	28.25719	5
1637.16	1637.16	1276.16	72.15791	88.17039	70.62387	71.56789	64.16624	0	35.83376	8.015337	27.81843	31.52999	5
1637.165	1637.165	1276.165	65.69137	39.29514	64.65295	63.92134	78.10228	0	21.89772	17.14455	4.753173	31.34972	5
1637.17	1637.17	1276.17	65.37277	64.67964	64.26354	60.60547	72.80106	0	27.19894	13.71857	13.48037	32.02936	5
1637.175	1637.175	1276.175	66.02178	125.9338	64.28714	58.44602	62.2274	1.74189	36.03071	21.23664	14.79407	31.08338	5
1637.18	1637.18	1276.18	63.92134	119.4311	61.86809	60.16886	68.20268	0.854123	30.9432	18.15476	12.78844	31.47979	5
1637.185	1637.185	1276.185	66.00998	299.9492	59.18944	56.41638	59.5423	8.360326	32.09738	25.86944	6.227936	25.52711	5
1637.19	1637.19	1276.19	70.09286	126.8807	67.1192	64.65295	67.85531	0.403794	31.7409	18.72864	13.01226	31.89331	5
1637.195	1637.195	1276.195	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1637.255	1637.255	1276.255	69.39665	11.5017	69.52645	69.31405	72.3657	0	27.6343	8.336184	19.29812	30.94628	5
1637.26	1637.26	1276.26	65.82118	60.19593	64.46415	61.60849	75.39407	0	24.60593	14.40222	10.20371	31.9364	5
1637.265	1637.265	1276.265	63.56733	35.84185	62.56431	62.0215	80.61774	0	19.38226	13.09015	6.292107	31.42741	5
1637.27	1637.27	1276.27	64.13374	23.05909	63.90954	63.62633	77.15424	0	22.84576	21.42443	1.421322	30.81337	5
1637.275	1637.275	1276.275	65.56157	71.69762	63.66173	60.62907	77.05628	0	22.94372	3.859805	19.08391	32.30849	5
1637.28	1637.28	1276.28	70.12826	62.95299	69.69166	66.7888	63.63109	0	36.36891	14.98419	21.38472	32.16617	5
1637.285	1637.285	1276.285	66.9776	70.29124	64.98336	64.29894	76.8255	0	23.1745	20.26762	2.906885	31.78	5
1637.29	1637.29	1276.29	68.02782	74.98382	66.03358	64.28714	74.72369	0	25.27631	19.83992	5.436394	31.89063	5
1637.295	1637.295	1276.295	69.26685	49.25121	67.92162	66.48199	74.78122	0	25.21878	9.226176	15.9926	31.47627	5
1637.3	1637.3	1276.3	67.36701	31.48346	66.67079	65.86838	75.79902	0	24.20098	9.687385	14.5136	31.15489	5
1637.305	1637.305	1276.305	66.03358	55.02991	64.51135	62.89472	77.72916	0	22.27084	11.36373	10.90711	31.77007	5
1637.31	1637.31	1276.31	62.56431	92.51486	60.07446	56.20398	79.34859	0	20.65141	18.06965	2.581759	33.2998	5
1637.315	1637.315	1276.315	64.44055	71.14064	62.76491	60.53467	76.48483	0	23.51517	5.186951	18.32822	32.12543	4
1637.32	1637.32	1276.32	62.45811	38.26472	61.9153	61.9389	77.48526	0	22.51474	4.126587	18.38815	31.0038	4
1637.325	1637.325	1276.325	57.64361	18.79817	57.67901	57.50201	82.14437	0	17.85563	5.933061	11.92257	30.75162	4
1637.33	1637.33	1276.33	66.18698	135.9317	64.81816	58.74103	56.82093	2.852255	40.32682	18.15286	22.17396	30.0339	4
1637.335	1637.335	1276.335	62.2339	79.23082	59.57885	56.06238	84.14763	0	15.85237	15.85237	0	33.56245	4
1637.34	1637.34	1276.34	62.39911	104.1837	59.64965	52.82911	78.68867	0	21.31133	3.425572	17.88576	34.09109	4
1637.345	1637.345	1276.345	64.14554	94.5757	63.24872	59.04784	65.04913	0.403926	34.54695	21.87455	12.67239	31.95968	4
1637.35	1637.35	1276.35	65.06596	53.8324	64.05114	65.97458	74.97674	0	25.02326	8.408567	16.61469	30.89829	4
1637.355	1637.355	1276.355	63.04812	96.734	59.88565	57.73801	83.09521	0	16.90479	14.38707	2.517729	33.57582	4
1637.36	1637.36	1276.36	61.44329	106.2166	59.40184	59.83845	73.58893	0	26.41107	12.77677	13.6343	32.30898	4
1637.365	1637.365	1276.365	59.70865	57.50848	59.11864	59.21304	75.72358	0	24.27642	7.281957	16.99446	31.15937	4
1637.37	1637.37	1276.37	57.74981	44.62825	57.384	57.4312	78.90515	0	21.09485	5.110234	15.98462	31.04336	4
1637.375	1637.375	1276.375	60.33406	48.76385	59.07144	56.78219	82.47716	0	17.52284	5.826819	11.69602	32.23864	4
1637.38	1637.38	1276.38	69.19605	61.35167	68.84204	69.53825	64.23609	0	35.76391	18.32712	17.43679	31.39397	4
1637.385	1637.385	1276.385	60.36946	96.20487	58.38702	54.75255	76.54243	0	23.45757	11.04865	12.40892	33.08424	4
1637.39	1637.39	1276.39	63.09532	168.2924	59.73225	58.70563	67.28933	2.888809	29.82186	11.38582	18.43604	29.80096	4
1637.395	1637.395	1276.395	63.42573	96.33019	62.1513	61.8917	68.21323	0.0596	31.72717	19.45417	12.273	31.77786	4
1637.4	1637.4	1276.4	58.80003	68.00761	57.50201	55.30716	79.50584	0	20.49416	17.37255	3.121615	32.32341	4
1637.405	1637.405	1276.405	60.85327	83.06007	59.60245	55.75557	73.60835	0	26.39165	13.34541	13.04625	32.45156	4
1637.41	1637.41	1276.41	63.52013	85.16268	62.38731	63.13072	69.73149	0	30.26851	11.9727	18.2958	31.474	4
1637.415	1637.415	1276.415	68.45263	39.05843	67.89802	69.83326	71.86968	0	28.13032	20.01942	8.110898	30.69995	4
1637.42	1637.42	1276.42	64.49955	73.61921	62.1513	60.01546	81.04349	0	18.95651	3.903312	15.0532	32.61828	4
1637.425	1637.425	1276.425	71.10768	103.2507	68.96004	66.09258	66.2385	0	33.7615	15.97801	17.78349	32.23676	4
1637.43	1637.43	1276.43	65.10136	49.72465	63.93314	63.52013	77.12712	0	22.87288	7.090918	15.78196	31.39777	4
1637.435	1637.435	1276.435	70.12826	41.3699	69.73886	69.34945	68.48839	0	31.51161	14.14166	17.36994	31.3048	4
1637.44	1637.44	1276.44	62.46991	45.15739	61.16008	59.21304	81.75076	0	18.24924	18.24924	0	32.01867	4
1637.445	1637.445	1276.445	60.80607	35.10385	59.68505	58.94163	84.25121	0	15.74879	15.74879	0	31.85603	4
1637.45	1637.45	1276.45	63.73253	50.26771	62.1041	59.33104	81.82164	0	18.17836	18.17836	0	32.31009	4
1637.455	1637.455	1276.455	63.79153	39.75465	62.82391	62.1041	79.19022	0	20.80978	7.896912	12.91287	31.39991	4
1637.46	1637.46	1276.46	63.16612	27.04152	62.2575	61.25448	82.38492	0	17.61508	17.61508	0	31.50968	4
1637.465	1637.465	1276.465	63.02452	57.45279	61.39609	60.71167	80.73423	0	19.26577	6.205475	13.0603	31.965	4
1637.47	1637.47	1276.47	59.46085	19.16021	59.14224	59.14224	83.12845	0	16.87155	16.87155	0	31.02582	4
1637.475	1637.475	1276.475	61.34888	53.13617	59.66145	59.76765	83.77769	0	16.22231	13.34694	2.87537	32.1316	4
1637.48	1637.48	1276.48	60.41666	51.3956	59.20124	58.55223	81.39848	0	18.60152	6.284816	12.31671	31.85349	4
1637.485	1637.485	1276.485	64.70015	64.33152	63.29592	59.67325	75.7904	0	24.2096	19.21291	4.996691	32.18063	4
1637.49	1637.49	1276.49	74.56516	92.86297	73.36153	71.8511	58.25531	1.113439	40.63125	20.32007	20.31118	31.0575	4
1637.495	1637.495	1276.495	69.39665	28.92134	69.65625	70.76548	67.14418	0	32.85582	16.51872	16.3371	30.96202	4
1637.5	1637.5	1276.5	69.32585	43.90418	68.86564	68.72404	69.16203	0	30.83797	18.29895	12.53902	31.2053	4
1637.505	1637.505	1276.505	66.32859	59.37438	64.34615	61.19548	79.97302	0	20.02698	4.557031	15.46995	32.3127	4
1637.51	1637.51	1276.51	60.31046	23.42113	59.49625	57.86781	85.15664	0	14.84336	14.84336	0	31.82263	4
1637.515	1637.515	1276.515	62.78851	95.73144	59.56705	57.1716	84.03392	0	15.96608	15.96608	0	33.75842	4
1637.52	1637.52	1276.52	64.15734	131.7265	59.93285	58.17462	81.83722	0	18.16278	18.16278	0	34.14882	4
1637.525	1637.525	1276.525	59.85025	35.84185	58.98884	58.35162	82.94003	0	17.05997	5.176889	11.88308	31.61488	1
1637.53	1637.53	1276.53	59.34284	26.62378	58.41062	57.3368	86.18633	0	13.81367	13.81367	0	31.94922	1
1637.535	1637.535	1276.535	58.55223	24.38193	57.66721	56.68779	87.09042	0	12.90958	9.888667	3.020917	31.99793	1

1637.54	1637.54	1276.54	58.77643	28.18333	57.65541	55.68477	87.79324	0	12.20676	12.20676	0	32.44449	1
1637.545	1637.545	1276.545	57.4784	24.10343	56.43998	54.30414	89.3346	0	10.6654	4.37123	6.294168	32.61376	1
1637.55	1637.55	1276.55	65.97458	28.00232	65.73857	65.67957	74.35586	0	25.64414	13.9292	11.71494	30.82647	1
1637.555	1637.555	1276.555	66.32859	62.20106	64.74735	65.92738	76.17959	0	23.82041	22.9147	0.90571	31.26983	1
1637.56	1637.56	1276.56	63.69713	80.84607	61.27808	60.82967	80.58153	0	19.41847	3.62162	15.79685	32.46216	1
1637.565	1637.565	1276.565	64.73555	57.03505	63.47293	61.37248	76.42616	0	23.57384	21.76033	1.813509	31.7958	1
1637.57	1637.57	1276.57	66.42299	47.76128	65.25476	64.35795	76.38636	0	23.61364	3.707632	19.90601	31.41812	1
1637.575	1637.575	1276.575	61.46689	68.42535	59.61425	55.88537	81.24948	0	18.75052	18.39042	0.360104	32.88927	1
1637.58	1637.58	1276.58	60.01546	80.53973	56.55799	55.29536	92.09057	0	7.909433	7.909433	0	34.8824	1
1637.585	1637.585	1276.585	58.45782	61.68586	56.02697	54.56374	90.12991	0	9.870089	9.870089	0	33.91882	1
1637.59	1637.59	1276.59	58.16282	32.16576	56.82939	54.77615	89.04015	0	10.95985	10.95985	0	32.82082	1
1637.595	1637.595	1276.595	59.73225	34.75573	59.14224	57.3958	81.20804	0	18.79196	10.23699	8.554969	31.52458	1
1637.6	1637.6	1276.6	63.21332	23.85279	62.91832	63.95674	78.35766	0	21.64234	15.02175	6.620581	30.61906	1
1637.605	1637.605	1276.605	59.96826	27.12507	59.42544	59.03604	82.47173	0	17.52827	3.371999	14.15628	31.25531	1
1637.61	1637.61	1276.61	62.3047	42.92946	61.60849	59.96826	77.6864	0	22.3136	17.01597	5.297627	31.43136	1
1637.615	1637.615	1276.615	62.96552	33.46075	62.38731	62.0097	78.45537	0	21.54463	6.336931	15.2077	31.08692	1
1637.62	1637.62	1276.62	60.99488	26.84658	60.57007	60.97128	80.68011	0	19.31989	10.02764	9.292248	30.91699	1
1637.625	1637.625	1276.625	63.01272	36.10642	61.80909	61.01848	82.61864	0	17.38136	17.38136	0	31.70663	1
1637.63	1637.63	1276.63	62.70591	29.42262	61.9743	60.32226	80.8603	0	19.1397	7.365471	11.77423	31.47726	1
1637.635	1637.635	1276.635	64.26354	34.65826	63.26052	61.76189	80.26365	0	19.73635	15.38971	4.34664	31.55682	1
1637.64	1637.64	1276.64	64.80636	36.74695	64.22814	63.94494	75.96653	0	24.03347	12.16732	11.86615	31.03051	1
1637.645	1637.645	1276.645	64.31074	31.70625	63.52013	61.37248	79.28848	0	20.71152	11.7374	8.974125	31.52033	1
1637.65	1637.65	1276.65	67.44961	55.89323	66.38759	65.16036	72.65087	0	27.34913	10.47472	16.87441	31.46242	1
1637.655	1637.655	1276.655	73.62114	42.74844	73.04292	72.86592	66.40457	0	33.59543	15.53539	18.06003	31.58168	1
1637.66	1637.66	1276.66	67.34341	46.56377	65.97458	63.52013	77.38405	0	22.61595	18.74699	3.868954	31.74842	1
1637.665	1637.665	1276.665	67.23721	52.14752	66.777	67.131	69.08869	0	30.91131	7.100666	23.81064	31.08161	1
1637.67	1637.67	1276.67	69.33765	49.41831	69.45565	65.78578	63.33561	0	36.66439	9.310142	27.35424	32.18914	1
1637.675	1637.675	1276.675	70.09286	29.45047	69.99846	70.52947	69.11917	0	30.88083	10.52287	20.35796	31.04757	1
1637.68	1637.68	1276.68	71.9219	32.72275	71.15489	72.88952	71.85732	0	28.14268	7.360391	20.78229	30.82891	1
1637.685	1637.685	1276.685	72.92492	36.38491	72.29951	71.6859	68.95087	0	31.04913	8.928362	22.12076	31.44518	1
1637.69	1637.69	1276.69	74.82476	32.22146	75.10797	76.15819	61.16878	0	38.83122	9.584225	29.24699	32.23196	1
1637.695	1637.695	1276.695	77.78662	37.09506	77.68042	78.16423	60.28237	0.229421	39.48821	13.89974	25.58847	32.41272	1
1637.7	1637.7	1276.7	79.76906	63.42643	79.09645	78.69524	56.47602	1.227239	42.29674	19.09343	23.2033	31.52075	1
1637.705	1637.705	1276.705	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1638	1638	1277	95.72299	215.6359	93.98835	90.77869	13.19438	12.0363	74.76932	45.98342	28.7859	29.49331	1
1638.005	1638.005	1277.005	103.7118	356.0374	100.8915	88.85525	0	16.25818	83.74182	83.74182	0	-9999	1
1638.01	1638.01	1277.01	94.38956	132.9936	92.24192	89.69307	37.62139	4.175711	58.20289	39.84276	18.36014	29.82624	1
1638.015	1638.015	1277.015	88.97325	119.3197	86.69581	84.74877	46.91946	2.037743	51.04279	16.62888	34.41392	30.26605	1
1638.02	1638.02	1277.02	86.6368	111.4244	86.212	85.84619	36.6217	7.335518	56.04279	36.81878	19.224	29.01976	1
1638.025	1638.025	1277.025	83.76934	112.6776	83.37994	82.08191	38.68213	6.481309	54.83657	25.52176	29.3148	29.13105	1
1638.03	1638.03	1277.03	84.52456	150.3854	83.03773	77.99903	37.36708	6.000402	56.63252	28.34242	28.2901	29.20687	1
1638.035	1638.035	1277.035	91.61651	103.1254	91.3215	92.67853	33.04277	9.55573	57.4015	38.86416	18.53734	28.84381	1
1638.04	1638.04	1277.04	83.33274	45.77007	82.97873	82.86073	55.00108	1.91945	43.07947	13.49334	29.58613	31.74017	1
1638.045	1638.045	1277.045	83.73394	74.69141	82.23531	79.27345	56.50384	0.708779	42.78738	19.2454	23.54198	32.07166	1
1638.05	1638.05	1277.05	89.20926	69.09373	88.58384	87.46282	46.05375	4.774724	49.17153	33.64519	15.52633	30.62882	1
1638.055	1638.055	1277.055	88.45404	47.05113	88.10003	87.53362	49.97947	3.99916	46.02137	24.91718	21.10419	31.27453	1
1638.06	1638.06	1277.06	87.48642	61.61623	86.3418	83.02593	53.4722	1.790488	44.73732	13.32037	31.41695	32.09492	1
1638.065	1638.065	1277.065	84.66616	59.79211	82.90793	80.04047	61.26377	0	38.73623	6.51141	32.22482	32.05797	1
1638.07	1638.07	1277.07	82.28251	82.36385	79.50946	77.33821	65.85923	0	34.14077	22.88378	11.25699	30.42018	1
1638.075	1638.075	1277.075	84.08795	93.44781	81.17329	78.30583	62.61333	0	37.38667	17.98512	19.40154	30.36144	1
1638.08	1638.08	1277.08	84.14695	116.9386	81.5509	76.5004	54.40509	0.581975	45.01294	23.51874	21.4942	31.43478	1
1638.085	1638.085	1277.085	85.81079	141.3623	83.74574	78.78964	42.84849	3.874036	53.27748	26.56343	26.71405	29.79092	1
1638.09	1638.09	1277.09	86.74301	164.672	84.51276	76.9134	37.63022	5.037764	57.33202	36.0489	21.28312	29.66087	1
1638.095	1638.095	1277.095	89.46886	238.6672	90.44828	76.38239	0	22.8431	77.1569	77.1569	0	-9999	1
1638.1	1638.1	1277.1	83.84015	183.7208	82.93153	73.65654	25.44842	9.774802	64.77677	33.18628	31.5905	29.36983	1
1638.105	1638.105	1277.105	77.79842	198.3277	74.10495	68.60603	49.05459	3.783098	47.16231	17.75774	29.40457	28.57215	1
1638.11	1638.11	1277.11	73.96334	116.3398	71.50889	67.27261	62.82148	0.498073	36.68044	19.9848	16.69564	31.78705	1
1638.115	1638.115	1277.115	75.33217	88.6299	73.09013	70.60027	66.62182	0	33.37818	9.712573	23.6656	31.66687	1
1638.12	1638.12	1277.12	72.74792	57.02112	71.7449	70.04566	67.04621	0	32.95379	7.618713	25.33507	31.74258	1
1638.125	1638.125	1277.125	70.73008	57.88445	70.16367	71.22569	65.30998	0	34.69002	9.989209	24.70081	31.31293	1
1638.13	1638.13	1277.13	70.41147	52.34247	69.78606	69.70346	67.40152	0	32.59848	7.607719	24.99076	31.36163	1
1638.135	1638.135	1277.135	71.24929	68.04939	70.06926	70.63567	67.12789	0	32.87211	15.00038	17.87173	31.3418	1
1638.14	1638.14	1277.14	70.05746	47.46887	69.67986	68.38183	66.98613	0	33.01387	8.174865	24.83901	31.56429	1
1638.145	1638.145	1277.145	70.47047	70.48619	69.49105	67.27261	65.70002	0	34.29998	22.47113	11.82885	31.94755	1
1638.15	1638.15	1277.15	69.07804	74.45469	67.50861	64.40515	70.59327	0	29.40673	22.28819	7.118543	32.00753	1
1638.155	1638.155	1277.155	67.0956	68.73169	65.39637	64.35795	74.80805	0	25.19195	21.63444	3.557516	31.69435	1
1638.16	1638.16	1277.16	65.83298	55.75399	64.41695	64.28714	76.91542	0	23.08458	15.4776	7.606978	31.44292	1
1638.165	1638.165	1277.165	70.17547	63.73277	69.25505	68.79484	67.14849	0	32.85151	20.19828	12.65323	31.50166	1
1638.17	1638.17	1277.17	68.39363	80.85999	67.0838	66.71799	67.6609	0	32.3391	18.19186	14.14724	31.61887	1
1638.175	1638.175	1277.175	68.12222	62.53525	66.7534	67.34341	72.80244	0	27.19756	8.728466	18.46909	31.21739	1
1638.18	1638.18	1277.18	68.59423	72.37993	67.90982	64.73555	64.68157	0	35.31843	24.95036	10.36807	32.14448	1
1638.185	1638.185	1277.185	68.72404	79.02195	67.85082	64.55855	64.41801	0	35.58199	23.45585	12.12614	32.25065	1
1638.19	1638.19	1277.19	70.15187	88.67168	70.19907	65.95098	53.63593	2.128595	44.23547	32.39382	11.84166	30.69296	1

1638.195	1638.195	1277.195	69.72706	84.56393	70.51767	63.75613	49.25936	2.902579	47.83806	31.41958	16.41848	30.74485	1
1638.2	1638.2	1277.2	70.58847	98.71129	72.26411	71.9927	38.1843	5.55977	56.25593	39.38603	16.86989	28.60595	1
1638.205	1638.205	1277.205	72.33491	77.43455	73.83354	76.42959	43.09833	4.425568	52.4761	26.03454	26.44156	28.81917	1
1638.21	1638.21	1277.21	70.25807	81.4866	71.8747	73.73914	43.11391	4.185462	52.70062	35.00355	17.69707	28.78119	1
1638.215	1638.215	1277.215	68.11042	100.9253	66.69439	73.79814	63.88871	0.597714	35.51357	18.82457	16.689	29.77818	1
1638.22	1638.22	1277.22	66.18698	96.23272	63.04812	59.74405	80.14586	0	19.85414	5.034663	14.81948	33.09846	1
1638.225	1638.225	1277.225	68.62963	44.19659	67.47321	66.45839	75.12745	0	24.87255	16.36896	8.50359	31.34673	1
1638.23	1638.23	1277.23	65.16036	28.71247	65.23116	66.50559	72.55534	0	27.44466	21.93187	5.512794	30.45127	1
1638.235	1638.235	1277.235	64.02754	41.28636	63.81513	64.07474	72.7495	0	27.2505	11.32238	15.92812	30.78049	1
1638.24	1638.24	1277.24	61.39609	21.23497	61.04208	60.60547	81.12029	0	18.87971	12.99035	5.889355	31.00508	1
1638.245	1638.245	1277.245	63.54373	30.53659	62.84751	61.44329	79.54558	0	20.45442	20.45442	0	31.34505	1
1638.25	1638.25	1277.25	62.85932	34.14305	62.41091	62.3401	77.38198	0	22.61802	20.17711	2.440911	30.93201	1
1638.255	1638.255	1277.255	62.1395	24.20091	61.85629	61.45509	79.16989	0	20.83011	9.157851	11.67226	30.89288	1
1638.26	1638.26	1277.26	61.9271	46.50807	61.44329	61.37248	75.52165	0	24.47835	5.374318	19.10404	31.00103	1
1638.265	1638.265	1277.265	68.37003	28.75424	68.70044	68.79484	67.58039	0	32.41961	5.529847	26.88976	31.00628	1
1638.27	1638.27	1277.27	62.0687	42.60919	60.80607	59.55525	82.37072	0	17.62928	10.49537	7.133908	31.89455	1
1638.275	1638.275	1277.275	61.05388	42.46995	59.88565	58.72923	82.60644	0	17.39356	5.672566	11.72099	31.88314	1
1638.28	1638.28	1277.28	60.72347	47.52457	59.10684	58.17462	85.16237	0	14.83763	4.561443	10.27619	32.38129	1
1638.285	1638.285	1277.285	62.3401	40.10277	61.65569	61.06568	78.24644	0	21.75356	8.427293	13.32626	31.22189	1
1638.29	1638.29	1277.29	61.57309	37.59635	61.73829	61.57309	72.97412	0	27.02588	15.87085	11.15504	30.58064	1
1638.295	1638.295	1277.295	60.23966	20.5109	59.59065	58.87083	84.64573	0	15.35427	11.96886	3.385415	31.47915	1
1638.3	1638.3	1277.3	60.65267	32.13791	60.95948	60.52287	74.04442	0	25.95558	13.22522	12.73036	30.48345	1
1638.305	1638.305	1277.305	60.57007	42.59527	60.29866	57.62001	76.07088	0	23.92912	8.196113	15.73301	31.34254	1
1638.31	1638.31	1277.31	62.68231	57.42494	62.1277	59.54345	72.73368	0	27.26632	4.988559	22.27776	31.56282	2
1638.315	1638.315	1277.315	62.96552	61.65801	63.49653	62.1867	63.03515	0	36.96485	20.85721	16.10764	31.22414	2
1638.32	1638.32	1277.32	64.99516	73.36857	64.65295	61.85629	65.10136	0	34.89864	20.57259	14.32605	31.8823	2
1638.325	1638.325	1277.325	64.97156	108.9319	63.05992	59.21304	68.67984	0.339752	30.9804	10.92819	20.05221	32.32746	2
1638.33	1638.33	1277.33	62.90652	51.54877	61.72649	63.11892	78.79639	0	21.20361	14.8204	6.383205	31.20806	2
1638.335	1638.335	1277.335	67.94522	56.56161	67.131	65.95098	70.11267	0	29.88733	10.6343	19.25304	31.44157	2
1638.34	1638.34	1277.34	66.70619	67.89622	65.00696	64.12194	75.36849	0	24.63151	23.32381	1.3077	31.68861	2
1638.345	1638.345	1277.345	62.71771	43.52821	61.34888	59.40184	82.3743	0	17.6257	17.6257	0	32.05635	2
1638.35	1638.35	1277.35	61.11288	31.19104	60.53467	60.39306	80.70906	0	19.29094	5.316482	13.97446	31.13511	2
1638.355	1638.355	1277.355	61.9743	47.3157	60.79427	57.69081	80.67844	0	19.32156	19.03271	0.288854	32.13077	2
1638.36	1638.36	1277.36	63.53193	71.27989	61.8917	60.21606	77.0127	0	22.9873	6.452208	16.53509	32.07086	2
1638.365	1638.365	1277.365	64.67655	123.8869	63.61453	61.41969	58.74761	2.253555	38.99884	26.84981	12.14903	29.78044	2
1638.37	1638.37	1277.37	62.3637	88.86662	62.2693	58.29262	61.85128	0.658627	37.49009	18.32797	19.16212	31.34978	2
1638.375	1638.375	1277.375	63.99214	53.31719	62.96552	60.73527	76.18079	0	23.81921	14.05463	9.764588	31.70135	2
1638.38	1638.38	1277.38	57.86781	63.70492	56.46358	53.91473	82.2278	0	17.7722	10.4652	7.307002	32.63741	2
1638.385	1638.385	1277.385	55.22456	57.07682	53.28932	51.71989	90.37892	0	9.621076	9.621076	0	33.83611	2
1638.39	1638.39	1277.39	55.87357	31.34421	55.55496	55.73197	83.48022	0	16.51978	16.51978	0	31.17201	2
1638.395	1638.395	1277.395	59.10684	52.60703	60.67627	62.0569	60.72771	0	39.27229	24.81944	14.45285	29.9987	2
1638.4	1638.4	1277.4	53.71413	51.46522	53.57252	48.99403	79.22584	0	20.77416	8.510271	12.26389	31.87105	2
1638.405	1638.405	1277.405	53.87933	52.53741	52.93531	52.4515	85.03311	0	14.96689	14.96689	0	32.23279	2
1638.41	1638.41	1277.41	53.66693	21.72233	53.82033	54.72895	84.18075	0	15.81925	4.920872	10.89838	30.65079	2
1638.415	1638.415	1277.415	55.84997	41.99651	55.90897	58.17462	77.99761	0	22.00239	10.49987	11.50252	30.26409	2
1638.42	1638.42	1277.42	54.57554	30.10493	55.04755	55.57857	78.84703	0	21.15297	16.83299	4.319978	30.1815	2
1638.425	1638.425	1277.425	56.34558	31.9012	55.67297	54.87055	85.65473	0	14.34527	14.34527	0	31.8098	2
1638.43	1638.43	1277.43	54.41034	27.16684	54.22154	53.45452	84.83134	0	15.16866	15.16866	0	31.34619	2
1638.435	1638.435	1277.435	54.92955	40.25594	53.82033	52.3689	88.31935	0	11.68065	11.68065	0	32.7102	2
1638.44	1638.44	1277.44	59.27204	33.62784	58.82363	58.08022	80.80696	0	19.19304	14.86258	4.330464	31.21451	2
1638.445	1638.445	1277.445	62.44631	54.84889	60.80607	58.42242	81.98778	0	18.01222	14.3185	3.693724	32.36737	2
1638.45	1638.45	1277.45	60.93588	52.52349	59.40184	58.17462	83.11705	0	16.88295	9.181394	7.701551	32.24771	2
1638.455	1638.455	1277.455	60.33406	58.66422	58.70563	55.50776	82.91628	0	17.08372	7.317635	9.766086	32.7516	2
1638.46	1638.46	1277.46	60.82967	82.1689	58.82363	55.57857	79.69865	0	20.30135	17.07397	3.227379	32.97768	2
1638.465	1638.465	1277.465	59.81485	77.37885	58.32802	54.29234	77.76759	0	22.23241	17.68673	4.545679	32.73132	2
1638.47	1638.47	1277.47	58.24542	37.90269	58.35162	56.87659	76.4187	0	23.5813	23.41576	0.165542	30.83392	2
1638.475	1638.475	1277.475	58.88263	71.26596	57.3132	54.28054	80.74471	0	19.25529	13.91006	5.345229	32.75365	2
1638.48	1638.48	1277.48	57.3604	45.75614	55.94437	53.91473	87.12967	0	12.87033	12.87033	0	32.83887	2
1638.485	1638.485	1277.485	54.82335	26.70733	54.15074	53.28932	88.3121	0	11.6879	9.331564	2.356334	32.10332	2
1638.49	1638.49	1277.49	56.09778	22.07045	56.27478	56.34558	81.67722	0	18.32278	14.83956	3.483216	30.58726	2
1638.495	1638.495	1277.495	55.90897	45.24094	55.48416	53.65513	80.90771	0	19.09229	10.97861	8.113687	31.57623	2
1638.5	1638.5	1277.5	54.42214	42.70666	54.19794	52.3925	81.3342	0	18.6658	7.087223	11.57857	31.44831	2
1638.505	1638.505	1277.505	52.5577	34.53294	52.88811	52.1683	80.72929	0	19.27071	16.53567	2.735039	30.68237	2
1638.51	1638.51	1277.51	56.21578	26.60986	55.95617	55.60217	83.85384	0	16.14616	16.14616	0	31.20133	2
1638.515	1638.515	1277.515	62.0687	37.87484	61.44329	59.26024	78.57804	0	21.42196	9.435931	11.98603	31.48087	2
1638.52	1638.52	1277.52	54.77615	47.95623	53.93833	53.21852	84.49362	0	15.50638	15.50638	0	32.04403	2
1638.525	1638.525	1277.525	59.55525	95.29977	56.42818	54.17434	86.38138	0	13.61862	10.65101	2.967618	34.34527	2
1638.53	1638.53	1277.53	57.77341	80.65112	54.72895	52.4515	90.92548	0	9.074525	9.074525	0	34.9152	2
1638.535	1638.535	1277.535	57.89141	61.29597	56.42818	52.99431	83.24631	0	16.75369	10.98746	5.766233	32.8942	2
1638.54	1638.54	1277.54	61.84449	57.56418	61.69109	60.14526	70.36141	0	29.63859	15.11288	14.52571	31.18494	2
1638.545	1638.545	1277.545	59.73225	70.36086	57.2778	54.28054	87.04099	0	12.95901	11.64947	1.30954	33.80058	2
1638.55	1638.55	1277.55	60.58187	63.77454	58.24542	56.21578	86.93871	0	13.06129	3.441157	9.620129	33.37683	2
1638.555	1638.555	1277.555	62.2929	62.11752	61.11288	60.36946	76.80328	0	23.19672	19.42887	3.767857	31.64257	2

1638.56	1638.56	1277.56	62.75311	40.64583	61.43149	61.9861	82.67346	0	17.32654	7.180387	10.14616	31.56247	2
1638.565	1638.565	1277.565	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1638.57	1638.57	1277.57	58.87083	57.52241	58.30442	59.33104	76.3081	0	23.6919	4.957176	18.73472	30.9921	2
1638.575	1638.575	1277.575	56.82939	63.89986	56.08598	54.84695	78.01466	0	21.98534	10.684	11.30134	31.714	2
1638.58	1638.58	1277.58	58.97704	81.4866	58.45782	57.4076	70.04525	0	29.95475	5.245153	24.70959	31.51937	2
1638.585	1638.585	1277.585	58.81183	76.59907	57.95041	54.56374	74.03213	0	25.96787	16.33606	9.63181	32.13569	2
1638.59	1638.59	1277.59	56.78219	98.96194	54.20974	50.74047	83.74811	0	16.25189	5.212774	11.03912	34.28498	2
1638.595	1638.595	1277.595	54.85875	145.2472	52.84091	50.13865	70.01839	2.330742	27.65086	14.40831	13.24255	30.60866	2
1638.6	1638.6	1277.6	55.36616	127.187	52.2037	51.76709	82.79297	0.389764	16.81727	13.90765	2.909614	34.08462	2
1638.605	1638.605	1277.605	59.00064	205.7216	53.33652	49.35984	79.83168	3.891271	16.27705	10.65348	5.623562	31.99486	2
1638.61	1638.61	1277.61	59.27204	257.4653	52.93531	49.32444	72.27277	6.913742	20.81349	10.87008	9.943413	28.54138	2
1638.615	1638.615	1277.615	55.54316	83.40819	53.52532	52.68751	84.35378	0	15.64622	11.40631	4.239915	33.35596	2
1638.62	1638.62	1277.62	54.70535	49.18159	53.86753	53.11231	84.26222	0	15.73778	15.73778	0	32.04513	2
1638.625	1638.625	1277.625	55.21276	70.8343	54.16254	52.93531	80.20158	0	19.79842	15.89231	3.906108	32.20706	2
1638.63	1638.63	1277.63	52.65211	31.81765	52.3925	50.82307	85.87213	0	14.12787	14.12787	0	31.74587	2
1638.635	1638.635	1277.635	54.88235	34.60256	54.42214	53.52532	84.70104	0	15.29896	14.39748	0.901479	31.6426	2
1638.64	1638.64	1277.64	53.72593	31.19104	54.13894	55.03575	79.8231	0	20.1769	10.35352	9.823382	30.2189	2
1638.645	1638.645	1277.645	52.4987	24.17306	52.13289	51.71989	88.68632	0	11.31368	9.157365	2.156312	31.85866	2
1638.65	1638.65	1277.65	55.53136	54.25013	54.39854	52.89991	84.56199	0	15.43801	4.045961	11.39205	32.46173	2
1638.655	1638.655	1277.655	56.71139	82.26637	54.88235	53.13592	82.0921	0	17.9079	13.69987	4.208033	33.07249	2
1638.66	1638.66	1277.66	57.63181	58.20471	56.15678	53.11231	84.32468	0	15.67532	15.67532	0	32.90546	2
1638.665	1638.665	1277.665	59.37824	61.22634	57.96221	56.16858	81.52947	0	18.47053	14.18996	4.280573	32.33959	2
1638.67	1638.67	1277.67	56.95919	52.30069	56.01517	54.11534	82.25692	0	17.74308	17.74308	0	32.11031	2
1638.675	1638.675	1277.675	57.97401	50.78292	56.75859	56.09778	83.79398	0	16.20602	14.21148	1.994537	32.13622	2
1638.68	1638.68	1277.68	55.79097	37.79129	54.70535	53.73773	87.94039	0	12.05961	4.941216	7.118396	32.48361	2
1638.685	1638.685	1277.685	57.4076	31.6227	56.73499	56.12138	84.74507	0	15.25493	15.25493	0	31.65226	2
1638.69	1638.69	1277.69	60.28686	33.39112	59.61425	59.01244	81.66819	0	18.33181	10.50489	7.826917	31.36108	2
1638.695	1638.695	1277.695	63.02452	44.0295	63.44933	64.84176	68.07004	0	31.92996	5.556769	26.37319	30.37382	2
1638.7	1638.7	1277.7	67.28441	46.21566	67.68561	59.42544	63.80479	0	36.19521	8.183288	28.01192	32.74683	2
1638.705	1638.705	1277.705	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1639.025	1639.025	1278.025	104.4788	39.81035	104.6558	105.8358	32.87365	18.85332	48.27303	31.59256	16.68047	28.87902	2
1639.03	1639.03	1278.03	104.8092	132.5759	105.2222	104.6558	8.291384	27.59267	64.11595	44.31483	19.80112	29.18241	2
1639.035	1639.035	1278.035	96.61981	136.7393	97.62283	96.1714	10.24546	22.43817	67.31637	45.30732	22.00905	29.5804	2
1639.04	1639.04	1278.04	86.5188	91.0667	86.4952	85.19717	38.54746	7.29278	54.15976	27.12303	27.03673	29.55686	2
1639.045	1639.045	1278.045	92.21832	117.593	91.3333	87.10881	33.56053	8.211265	58.22821	30.54131	27.6869	29.80233	2
1639.05	1639.05	1278.05	87.59262	88.99194	85.84619	84.54816	51.41361	1.617403	46.96898	26.33794	20.63104	31.02756	2
1639.055	1639.055	1278.055	89.63407	116.9386	90.27128	88.30064	24.29913	13.30305	62.39782	43.95087	18.44695	29.15058	2
1639.06	1639.06	1278.06	95.02678	110.9371	95.85279	90.71969	19.32696	18.08846	62.58458	35.90138	26.6832	29.87804	4
1639.065	1639.065	1278.065	88.58384	160.1047	85.59838	81.14969	42.89484	2.36297	54.74219	30.6015	24.14069	29.70096	4
1639.07	1639.07	1278.07	87.93483	307.747	86.80201	68.72404	0	18.57354	81.42646	81.42646	0	-9999	4
1639.075	1639.075	1278.075	86.5424	236.5367	83.50974	75.43837	26.64224	7.424076	65.93368	48.11966	17.81403	28.49833	4
1639.08	1639.08	1278.08	82.05831	142.1142	79.53306	78.28223	49.68542	2.386074	47.9285	15.81443	32.11407	29.42243	4
1639.085	1639.085	1278.085	79.42686	262.5617	74.71856	71.17849	39.87665	5.979466	54.14388	31.02002	23.12386	26.37244	4
1639.09	1639.09	1278.09	73.65654	99.63032	71.6859	69.38485	63.39791	0.150831	36.45126	17.89778	18.55347	31.88607	4
1639.095	1639.095	1278.095	78.91945	85.10699	78.73064	78.78964	48.26145	3.609209	48.12934	15.8041	32.32525	29.85478	4
1639.1	1639.1	1278.1	74.49435	107.8597	75.53278	77.89282	37.31537	6.366903	56.31773	33.61577	22.70195	28.05332	4
1639.105	1639.105	1278.105	68.33463	64.98598	68.25203	68.09862	62.0457	0	37.9543	17.47296	20.48134	31.6456	4
1639.11	1639.11	1278.11	72.0753	289.464	69.53825	57.69081	23.30258	12.0029	64.69452	33.91817	30.77635	26.88828	4
1639.115	1639.115	1278.115	73.17273	236.6481	71.6859	57.4784	26.93519	10.15592	62.90889	38.12592	24.78297	28.38701	4
1639.12	1639.12	1278.12	76.7954	194.0528	76.8898	62.48171	21.65583	10.9754	67.36878	39.80774	27.56103	29.93861	4
1639.125	1639.125	1278.125	69.47925	131.6708	66.29319	64.29894	68.90677	0.462313	30.63091	17.28105	13.34986	31.84614	4
1639.13	1639.13	1278.13	64.47595	43.26365	63.80333	61.69109	75.42508	0	24.57492	7.000292	17.57463	31.4288	4
1639.135	1639.135	1278.135	65.86838	72.25461	65.58517	62.48171	64.11032	0	35.88968	23.33693	12.55274	31.99256	4
1639.14	1639.14	1278.14	64.80636	110.1991	64.81816	58.08022	53.61853	2.568379	43.81309	14.01522	29.79787	30.28215	4
1639.145	1639.145	1278.145	65.30197	66.99112	63.90954	62.80031	74.50166	0	25.49834	14.7995	10.69884	31.67223	4
1639.15	1639.15	1278.15	68.11042	109.7535	65.99818	60.22786	67.14796	0.312022	32.54002	16.34877	16.19126	32.58301	4
1639.155	1639.155	1278.155	70.64748	103.9748	68.35823	64.29894	67.58409	0	32.41591	17.17948	15.23643	32.43301	4
1639.16	1639.16	1278.16	67.81542	134.1772	67.47321	57.1834	47.79104	4.216632	47.99232	18.10599	29.88633	29.96228	4
1639.165	1639.165	1278.165	63.59093	81.97396	62.1749	58.96524	72.63287	0	27.36713	9.111064	18.25606	32.26079	4
1639.17	1639.17	1278.17	59.62605	27.50103	59.11864	58.00942	82.42122	0	17.57878	3.918679	13.6601	31.35687	4
1639.175	1639.175	1278.175	58.70563	50.36518	57.1952	56.06238	85.50829	0	14.49171	14.49171	0	32.53252	4
1639.18	1639.18	1278.18	60.27506	77.37885	59.09504	56.53439	74.96645	0	25.03355	5.914227	19.11932	32.14957	4
1639.185	1639.185	1278.185	64.41695	88.90839	63.40213	62.0333	67.08544	0	32.91456	14.08971	18.82485	31.88367	4
1639.19	1639.19	1278.19	62.2457	57.27177	60.94768	60.22786	78.93389	0	21.06611	16.83888	4.227232	31.73398	4
1639.195	1639.195	1278.195	66.55279	67.93799	65.47897	64.07474	70.65256	0	29.34744	15.8832	13.46424	31.60671	4
1639.2	1639.2	1278.2	65.78578	76.16741	63.54373	61.13648	78.42043	0	21.57957	19.71865	1.860919	32.37122	4
1639.205	1639.205	1278.205	64.49955	199.7062	60.90047	58.22182	60.22433	4.746043	35.02962	26.034	8.995619	28.10313	4
1639.21	1639.21	1278.21	65.70317	223.6843	59.88565	54.13894	70.50725	4.168372	25.32438	14.95792	10.36646	30.13888	4
1639.215	1639.215	1278.215	66.9304	110.6168	66.08078	65.06596	58.2393	1.847413	39.91328	14.56612	25.34716	29.97797	4
1639.22	1639.22	1278.22	66.03358	75.38763	64.58215	60.99488	72.25388	0	27.74612	6.924703	20.82142	32.17787	4
1639.225	1639.225	1278.225	60.69987	44.54471	59.73225	57.0654	80.87535	0	19.12465	7.624878	11.49977	31.95492	4
1639.23	1639.23	1278.23	64.13374	274.6343	59.18944	52.4987	52.85378	8.585089	38.56113	19.78428	18.77684	25.84373	4
1639.235	1639.235	1278.235	62.45811	147.879	60.55827	58.61123	61.47559	2.863317	35.6611	16.14492	19.51617	29.36247	4

1639.24	1639.24	1278.24	56.85299	34.46332	56.62879	56.27478	81.09271	0	18.90729	15.44141	3.465878	31.03468	4
1639.245	1639.245	1278.245	58.88263	95.56434	57.4076	50.78767	74.13289	0	25.86711	5.769206	20.0979	33.3263	4
1639.25	1639.25	1278.25	56.55799	90.57934	55.00035	51.48388	78.1181	0	21.8819	7.468749	14.41315	33.04283	4
1639.255	1639.255	1278.255	58.25722	56.06033	57.93861	54.63455	75.30596	0	24.69404	6.017718	18.67632	31.58929	4
1639.26	1639.26	1278.26	57.56101	95.66181	55.53136	50.65786	79.62344	0	20.37656	7.127302	13.24926	33.70661	4
1639.265	1639.265	1278.265	57.148	91.33127	54.84695	51.55468	83.15479	0	16.84521	12.50024	4.34497	33.8605	4
1639.27	1639.27	1278.27	57.1244	103.1254	54.55194	51.22428	82.42572	0	17.57428	17.57428	0	34.15152	4
1639.275	1639.275	1278.275	59.94466	145.3865	57.3368	53.36012	69.87826	2.009382	28.11236	22.78609	5.326269	31.22165	4
1639.28	1639.28	1278.28	57.384	65.59866	56.48718	55.00035	78.28218	0	21.71782	10.39551	11.32231	31.87495	4
1639.285	1639.285	1278.285	56.33378	52.37032	56.35738	55.42516	75.3164	0	24.6836	6.387065	18.29653	30.88436	4
1639.29	1639.29	1278.29	53.63153	57.45279	53.17132	50.37466	80.32205	0	19.67795	9.382275	10.29568	31.93277	4
1639.295	1639.295	1278.295	55.14196	79.1055	53.91473	48.29782	79.63687	0	20.36313	10.25671	10.10643	33.21471	4
1639.3	1639.3	1278.3	56.95919	57.48063	56.53439	55.16556	76.9795	0	23.0205	11.32904	11.69146	31.38786	4
1639.305	1639.305	1278.305	53.72593	37.06721	53.32472	48.64002	84.71125	0	15.28875	15.28875	0	32.34902	4
1639.31	1639.31	1278.31	54.76435	74.95597	53.10051	47.46	84.37217	0	15.62783	8.700828	6.927003	33.91465	4
1639.315	1639.315	1278.315	59.29564	81.08279	57.56101	52.66391	79.2694	0	20.7306	15.99827	4.732327	33.18808	4
1639.32	1639.32	1278.32	56.74679	47.44102	57.93861	54.32774	67.07559	0	32.92441	24.63571	8.2887	30.55461	4
1639.325	1639.325	1278.325	57.1008	31.87335	57.1952	56.34558	79.0223	0	20.9777	14.92972	6.047979	30.75444	4
1639.33	1639.33	1278.33	59.28384	20.91471	58.95343	57.91501	82.95816	0	17.04184	7.68632	9.355521	31.2127	4
1639.335	1639.335	1278.335	59.92105	22.18184	60.06266	60.15706	78.4072	0	21.5928	18.8043	2.788495	30.47218	4
1639.34	1639.34	1278.34	58.84723	20.21848	58.68203	57.79701	82.248	0	17.752	17.752	0	31.02248	4
1639.345	1639.345	1278.345	60.25146	20.2324	59.88565	59.22484	82.50742	0	17.49258	14.87582	2.61676	31.12246	4
1639.35	1639.35	1278.35	61.9389	27.16684	61.25448	59.74405	81.74605	0	18.25395	18.25395	0	31.45478	4
1639.355	1639.355	1278.355	61.9389	24.71612	61.16008	59.74405	83.07074	0	16.92926	16.92926	0	31.55537	4
1639.36	1639.36	1278.36	64.51135	50.29556	63.20152	61.04208	78.62919	0	21.37081	4.398447	16.97236	31.83489	4
1639.365	1639.365	1278.365	65.96278	55.78184	64.33435	60.58187	78.4354	0	21.5646	7.712913	13.85169	32.2166	4
1639.37	1639.37	1278.37	69.03084	141.8218	66.09258	62.84751	64.94228	1.464845	33.59288	18.82963	14.76325	30.94726	4
1639.375	1639.375	1278.375	65.49077	75.63828	63.76793	62.69411	74.796	0	25.204	20.97522	4.228779	31.84999	4
1639.38	1639.38	1278.38	64.21634	80.95746	62.3637	60.29866	75.6872	0	24.3128	13.34917	10.96363	32.23462	4
1639.385	1639.385	1278.385	66.23418	102.6102	65.34917	59.54345	61.09178	1.182832	37.72539	10.80558	26.91981	31.46715	4
1639.39	1639.39	1278.39	76.5004	226.8174	74.89556	66.72979	27.16729	9.657593	63.17512	27.51429	35.66082	27.73345	4
1639.395	1639.395	1278.395	75.21417	146.9599	73.99874	64.39335	44.6582	4.836914	50.50488	26.85536	23.64952	29.81617	4
1639.4	1639.4	1278.4	74.75396	74.34329	75.65078	73.10193	46.28494	3.910603	49.80446	24.99653	24.80793	30.15523	4
1639.405	1639.405	1278.405	77.38541	158.03	77.07861	62.2457	32.93992	7.842226	59.21786	42.21689	17.00097	30.29839	4
1639.41	1639.41	1278.41	80.02867	169.838	80.80748	77.49162	19.237	12.1277	68.63529	34.76802	33.86727	28.69446	4
1639.415	1639.415	1278.415	78.34123	122.4248	78.90764	73.78634	33.90956	7.719647	58.37079	35.88981	22.48098	29.24988	4
1639.42	1639.42	1278.42	73.51493	151.5272	70.63567	63.74433	58.01094	2.185228	39.80383	21.50651	18.29733	30.5818	4
1639.425	1639.425	1278.425	72.22871	89.95274	70.71828	68.55883	63.48687	0.116172	36.39696	9.987774	26.40919	31.98125	4
1639.43	1639.43	1278.43	71.6623	124.3604	68.47623	64.41695	68.66749	0	31.33251	17.88477	13.44774	32.44585	4
1639.435	1639.435	1278.435	69.88046	204.6634	65.26656	57.93861	61.93913	3.605159	34.45571	28.70039	5.755323	29.65639	4
1639.44	1639.44	1278.44	73.00752	253.4411	67.94522	59.23664	50.73318	5.901724	43.3651	18.39287	24.97223	27.50902	4
1639.445	1639.445	1278.445	72.32311	232.415	67.73282	59.73225	52.79308	5.223368	41.98355	15.70407	26.27948	28.03389	4
1639.45	1639.45	1278.45	72.71252	200.8063	69.12524	63.23692	52.31074	4.464673	43.22459	13.32869	29.8959	28.3898	4
1639.455	1639.455	1278.455	71.28469	157.2502	69.65625	62.50531	48.9839	4.387668	46.62843	26.98052	19.64791	29.18117	4
1639.46	1639.46	1278.46	70.05746	145.8042	68.45263	65.07776	52.69997	3.542706	43.75732	23.63381	20.12351	29.04706	4
1639.465	1639.465	1278.465	70.22267	183.3309	67.1664	65.59697	54.7151	4.103944	41.18096	21.71334	19.46762	28.06305	4
1639.47	1639.47	1278.47	74.70676	169.8798	71.7095	68.61783	53.38765	3.22545	43.3869	32.31008	11.07682	28.92007	4
1639.475	1639.475	1278.475	73.95154	153.783	71.6269	66.59999	52.76512	3.238434	43.99645	28.62239	15.37406	29.49635	4
1639.48	1639.48	1278.48	73.62114	153.1007	70.76548	65.32557	57.34955	2.32846	40.32199	27.32149	13.0005	30.1851	4
1639.485	1639.485	1278.485	72.90132	160.7035	69.34945	64.79455	61.56756	1.799441	36.633	29.77268	6.860319	30.46928	4
1639.49	1639.49	1278.49	74.45895	208.7572	70.49407	66.11618	51.70635	4.308016	43.98563	19.46716	24.51847	28.03796	4
1639.495	1639.495	1278.495	72.90132	152.9475	69.83326	66.9658	59.69498	1.996447	38.30858	27.15985	11.14872	30.01806	4
1639.5	1639.5	1278.5	69.57365	99.81133	68.21663	66.67079	62.35486	0.739941	36.9052	9.124816	27.78038	31.21752	4
1639.505	1639.505	1278.505	65.88018	63.27326	65.47897	66.18698	67.18747	0	32.81253	21.78432	11.0282	31.09131	4
1639.51	1639.51	1278.51	64.41695	67.6038	64.52315	65.49077	63.55322	0	36.44678	20.83362	15.61316	31.05265	4
1639.515	1639.515	1278.515	67.0484	36.99759	67.131	68.81844	68.72189	0	31.27811	13.64967	17.62844	30.6182	4
1639.52	1639.52	1278.52	65.75037	40.14454	65.49077	66.32859	71.80662	0	28.19338	18.59937	9.594015	30.73355	4
1639.525	1639.525	1278.525	62.69411	37.23431	62.85932	62.50531	72.03039	0	27.96961	23.21191	4.757704	30.64857	4
1639.53	1639.53	1278.53	62.1277	36.83049	61.87989	63.05992	75.85003	0	24.14997	20.85431	3.295667	30.56756	4
1639.535	1639.535	1278.535	60.61727	42.72059	60.05086	59.62605	78.28342	0	21.71658	16.60545	5.111134	31.15893	4
1639.54	1639.54	1278.54	60.97128	35.18739	60.52287	61.32528	78.86625	0	21.13375	10.28208	10.85167	30.82088	4
1639.545	1639.545	1278.545	60.80607	35.36841	59.90925	58.09202	82.4496	0	17.5504	11.97273	5.577667	31.76892	4
1639.55	1639.55	1278.55	61.84449	33.50252	61.27808	60.27506	79.38515	0	20.61485	11.62299	8.991861	31.22315	4
1639.555	1639.555	1278.555	64.06294	56.0464	64.91256	67.70921	60.91433	0	39.08567	17.42382	21.66185	30.5539	4
1639.56	1639.56	1278.56	63.79153	42.31678	63.52013	62.74131	73.17452	0	26.82548	15.88129	10.94419	30.98532	4
1639.565	1639.565	1278.565	63.42573	44.48901	62.65871	60.98308	76.82636	0	23.17364	20.55757	2.616065	31.42883	4
1639.57	1639.57	1278.57	64.47595	59.37438	64.23994	64.12194	68.14257	0	31.85743	11.11975	20.73768	31.08288	4
1639.575	1639.575	1278.575	65.31377	81.16633	64.72375	57.0182	64.84168	0	35.15832	12.10203	23.0563	32.93896	4
1639.58	1639.58	1278.58	65.21936	80.08022	64.55855	59.93285	65.74008	0	34.25992	13.66675	20.59317	32.33628	4
1639.585	1639.585	1278.585	63.59093	50.6019	62.89472	61.40789	74.64635	0	25.35365	19.40497	5.948681	31.36736	4
1639.59	1639.59	1278.59	63.27232	76.51553	61.8917	61.54949	73.97258	0	26.02742	13.90014	12.12729	31.6864	4
1639.595	1639.595	1278.595	61.31348	57.38316	59.96826	58.96524	80.13038	0	19.86962	19.42532	0.444298	31.91428	4
1639.6	1639.6	1278.6	58.64663	36.98366	57.52561	56.94739	85.78298	0	14.21702	14.21702	0	32.05484	4

1639.605	1639.605	1278.605	61.82089	51.46522	60.62907	59.90925	79.90683	0	20.09317	20.09317	0	31.68712	4
1639.61	1639.61	1278.61	60.45207	46.34098	59.51985	59.16584	80.39428	0	19.60572	5.979282	13.62644	31.49989	4
1639.615	1639.615	1278.615	58.22182	24.38193	57.97401	59.01244	82.45599	0	17.54401	15.66752	1.87649	30.77435	4
1639.62	1639.62	1278.62	60.31046	34.63041	59.63785	60.58187	81.34657	0	18.65343	10.50176	8.15167	31.05786	4
1639.625	1639.625	1278.625	65.57337	110.1434	63.88594	56.27478	66.09542	0.701297	33.20328	19.77103	13.43225	32.4853	4
1639.63	1639.63	1278.63	73.77454	194.6655	72.86592	61.52589	32.06016	8.388531	59.55131	42.521	17.0303	28.65274	4
1639.635	1639.635	1278.635	79.71006	156.554	80.27647	86.2592	24.39099	10.55153	65.05748	44.33447	20.72301	26.83852	4
1639.64	1639.64	1278.64	86.86101	172.4141	89.13846	94.55477	0.713458	21.5438	77.74275	77.74275	0	-9999	4
1639.645	1639.645	1278.645	83.66314	141.6686	84.98477	78.18783	18.5035	13.67466	67.82184	37.35211	30.46973	29.94229	4
1639.65	1639.65	1278.65	86.4716	145.3865	88.04103	85.52758	13.0995	16.67425	70.22625	60.35495	9.871295	29.61643	4
1639.655	1639.655	1278.655	86.3536	180.5321	87.97023	91.1327	4.337019	19.13515	76.52783	71.19827	5.329555	-9999	4
1639.66	1639.66	1278.66	87.15601	118.0525	87.14421	87.88763	31.33921	9.452661	59.20813	32.21805	26.99008	28.56134	4
1639.665	1639.665	1278.665	89.18566	135.6114	89.55146	89.26826	22.29623	13.16217	64.54161	46.76829	17.77331	28.69711	4
1639.67	1639.67	1278.67	93.55175	134.9152	94.23616	94.01196	15.97871	17.65889	66.3624	48.13252	18.22988	29.028	4
1639.675	1639.675	1278.675	95.22738	99.92273	95.79379	97.96504	23.81982	16.0901	60.09008	31.95764	28.13244	28.5138	4
1639.68	1639.68	1278.68	93.76415	195.7795	96.2776	99.12146	0	31.82879	68.17121	68.17121	0	-9999	4
1639.685	1639.685	1278.685	92.52512	235.3949	95.08578	89.07945	0	33.15531	66.84469	66.84469	0	-9999	4
1639.69	1639.69	1278.69	94.70817	299.5315	97.57563	101.7765	0	42.23582	57.76418	57.76418	0	-9999	4
1639.695	1639.695	1278.695	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1640.01	1640.01	1279.01	86.18839	126.1427	86.02319	79.16725	31.46047	9.029285	59.51025	24.17512	35.33513	29.81726	4
1640.015	1640.015	1279.015	82.83713	103.3621	82.23531	81.25589	43.44026	4.940974	51.61876	18.79425	32.82452	29.47939	4
1640.02	1640.02	1279.02	84.06435	102.819	82.80173	79.32065	47.56394	3.344859	49.0912	20.0809	29.0103	30.43513	4
1640.025	1640.025	1279.025	85.11457	129.8884	84.40656	81.5509	35.74871	7.118183	57.13311	34.3055	22.82761	29.07843	4
1640.03	1640.03	1279.03	83.10853	119.3754	83.32094	78.48284	33.00518	8.464014	58.53081	22.82538	35.70542	29.43431	4
1640.035	1640.035	1279.035	81.7633	103.2229	81.86951	78.09343	38.97476	6.533901	54.49134	34.00608	20.48525	29.64168	4
1640.04	1640.04	1279.04	81.31489	101.1202	81.97571	79.89887	35.59789	7.737342	56.66476	39.78656	16.8782	29.21052	4
1640.045	1640.045	1279.045	81.13789	123.135	79.02565	75.83958	51.92436	2.044993	46.03065	32.20775	13.8229	30.32086	4
1640.05	1640.05	1279.05	81.5155	126.7832	82.21171	85.31518	28.92854	9.658433	61.41303	32.40334	29.00968	27.79138	4
1640.055	1640.055	1279.055	84.30036	189.0818	85.76359	89.90547	5.345852	17.73888	76.91527	62.08773	14.82754	-9999	4
1640.06	1640.06	1279.06	84.14695	148.3245	86.2592	85.02017	10.32038	17.07705	72.60257	49.01597	23.5866	29.67885	4
1640.065	1640.065	1279.065	84.14695	147.1967	85.62198	89.02045	15.53173	14.85164	69.61663	39.85993	29.7567	28.24498	4
1640.07	1640.07	1279.07	82.32972	114.9891	83.55694	88.05283	26.9183	10.80931	62.27239	40.39731	21.87508	27.7897	4
1640.075	1640.075	1279.075	78.95485	182.9271	78.68344	78.76604	25.19657	10.02824	64.77519	38.84386	25.93133	27.35564	4
1640.08	1640.08	1279.08	76.9016	138.9951	76.8072	77.43261	36.34533	6.885038	56.76963	27.30034	29.4693	27.82193	4
1640.085	1640.085	1279.085	74.50615	85.27408	74.18755	77.57422	53.28721	2.215191	44.4976	15.5917	28.9059	29.56374	4
1640.09	1640.09	1279.09	74.17575	95.50864	72.99572	75.35577	57.79041	1.278805	40.93079	19.53364	21.39715	30.15831	4
1640.095	1640.095	1279.095	77.50342	147.4055	75.62718	73.96334	47.56557	3.867715	48.56672	34.33885	14.22787	28.75302	4
1640.1	1640.1	1279.1	78.32943	114.4739	77.96363	78.40023	43.06924	5.01858	51.91218	19.74407	32.16811	28.72249	4
1640.105	1640.105	1279.105	75.36757	124.249	73.06652	76.01659	58.4267	1.349636	40.22366	22.67648	17.54718	29.61237	4
1640.11	1640.11	1279.11	72.58271	70.48619	71.60329	71.46169	63.75675	0	36.24325	25.18405	11.0592	31.71478	4
1640.115	1640.115	1279.115	75.47377	87.18175	75.81598	77.43261	46.81404	3.88648	49.29948	20.0103	29.28918	29.19346	4
1640.12	1640.12	1279.12	74.19935	77.43455	74.19935	75.81598	52.99744	2.210834	44.79173	13.67103	31.12069	30.00354	4
1640.125	1640.125	1279.125	75.14337	198.8707	72.96032	73.40873	39.65998	6.583239	53.75678	20.37324	33.38354	26.54815	4
1640.13	1640.13	1279.13	72.65352	168.5152	69.13704	66.777	59.63075	2.391126	37.97812	28.56389	9.414228	29.51579	4
1640.135	1640.135	1279.135	66.69439	71.99004	65.04236	63.92134	74.02283	0	25.97717	7.891698	18.08547	31.71938	4
1640.14	1640.14	1279.14	66.21058	73.74454	65.08956	63.11892	69.92801	0	30.07199	17.77039	12.3016	31.78069	4
1640.145	1640.145	1279.145	67.41421	62.24284	66.36399	64.58215	71.05538	0	28.94462	6.789722	22.1549	31.60298	4
1640.15	1640.15	1279.15	66.954	96.67831	65.58517	58.81183	65.61459	0.268211	34.1172	26.49704	7.62016	32.67741	4
1640.155	1640.155	1279.155	69.43205	100.981	67.1074	64.07474	69.70113	0	30.29887	20.67039	9.628473	32.26936	4
1640.16	1640.16	1279.16	71.01328	97.98722	69.46745	67.49681	62.93507	0.485519	36.57941	23.13448	13.44493	31.55198	4
1640.165	1640.165	1279.165	69.67986	80.17769	67.88622	66.17518	70.39222	0	29.60778	5.26525	24.34253	31.77256	4
1640.17	1640.17	1279.17	69.38485	73.34072	68.28743	66.9422	66.92251	0	33.07749	18.3614	14.71609	31.72241	4
1640.175	1640.175	1279.175	69.16064	72.25461	68.70044	63.76793	62.45322	0.088117	37.45867	14.35076	23.10791	32.48754	4
1640.18	1640.18	1279.18	67.47321	46.03464	66.45839	66.10438	74.64913	0	25.35087	16.51979	8.831082	31.20158	4
1640.185	1640.185	1279.185	66.67079	43.33327	65.78578	64.87716	75.03511	0	24.96489	21.43484	3.530054	31.26108	4
1640.19	1640.19	1279.19	66.04538	45.64475	64.81816	63.98034	77.70322	0	22.29678	7.180088	15.1167	31.43104	4
1640.195	1640.195	1279.195	64.94796	25.20348	64.48775	63.55553	77.71526	0	22.28474	13.37946	8.905281	31.04521	4
1640.2	1640.2	1279.2	63.99214	40.6876	63.81513	63.69713	72.65261	0	27.34739	20.49959	6.847798	30.81384	4
1640.205	1640.205	1279.205	67.53221	99.58854	64.94796	62.80031	73.7979	0	26.2021	23.29718	2.904919	32.32755	4
1640.21	1640.21	1279.21	72.85412	65.37587	71.8511	68.40543	64.92666	0	35.07334	24.19735	10.87599	32.21763	4
1640.215	1640.215	1279.215	72.47651	89.91096	71.36729	67.52041	60.15963	0.785319	39.05505	19.96713	19.08792	31.69689	4
1640.22	1640.22	1279.22	73.96334	81.06886	74.50615	69.95126	48.12827	3.417358	48.45437	31.3616	17.09277	30.50624	4
1640.225	1640.225	1279.225	74.98996	82.94868	76.819	79.94607	36.76061	6.520218	56.71917	39.33465	17.38452	28.41765	4
1640.23	1640.23	1279.23	75.37937	46.20173	74.98996	72.51191	62.48807	0	37.51193	23.35604	14.15589	32.5291	4
1640.235	1640.235	1279.235	73.20813	72.14321	72.77152	72.40571	58.57359	0.842009	40.58441	24.40022	16.18419	31.23859	4
1640.24	1640.24	1279.24	68.80664	100.243	67.60301	66.26959	61.76718	0.899773	37.33305	12.85824	24.47481	30.99805	4
1640.245	1640.245	1279.245	72.79512	176.7585	69.70346	65.80938	54.21332	3.57006	42.21662	30.81481	11.40181	28.82293	4
1640.25	1640.25	1279.25	72.0281	196.058	68.24023	61.87989	55.64417	3.900185	40.45565	27.51175	12.9439	28.93098	4
1640.255	1640.255	1279.255	66.31679	67.70127	65.41997	63.62633	69.55519	0	30.44481	20.3784	10.06641	31.6441	4
1640.26	1640.26	1279.26	62.90652	50.40695	62.41091	61.67929	73.7685	0	26.2315	4.904221	21.32728	31.12213	4
1640.265	1640.265	1279.265	59.20124	29.71504	59.03604	59.31924	79.62415	0	20.37585	8.39227	11.98358	30.72895	1
1640.27	1640.27	1279.27	58.41062	26.34529	57.90321	57.4666	83.8191	0	16.1809	16.1809	0	31.33652	1
1640.275	1640.275	1279.275	59.96826	26.40099	59.44905	58.96524	82.46405	0	17.53595	7.832254	9.703698	31.22777	1

1640.28	1640.28	1279.28	58.68203	20.94256	58.19822	57.92681	84.69396	0	15.30604	10.35766	4.948382	31.30802	1
1640.285	1640.285	1279.285	60.40486	27.29216	60.34586	59.95646	78.28008	0	21.71992	17.76561	3.954307	30.71776	1
1640.29	1640.29	1279.29	60.91228	62.57703	61.34888	63.68533	65.43335	0	34.56665	24.13049	10.43616	30.32334	1
1640.295	1640.295	1279.295	61.86809	52.45386	62.1631	61.73829	68.10122	0	31.89878	20.90875	10.99003	30.75573	1
1640.3	1640.3	1279.3	63.04812	70.65328	63.03632	59.29564	64.98909	0	35.01091	10.61527	24.39564	31.83677	1
1640.305	1640.305	1279.305	65.18396	210.0522	61.65569	57.76161	56.54224	5.48962	37.96814	30.70698	7.261155	27.57329	1
1640.31	1640.31	1279.31	61.9979	86.08171	60.00366	59.31924	77.58553	0	22.41447	14.41627	7.998199	32.32255	1
1640.315	1640.315	1279.315	60.39306	42.41425	60.08626	59.49625	76.55188	0	23.44812	6.293107	17.15501	30.97031	1
1640.32	1640.32	1279.32	59.56705	33.97596	60.00366	60.49927	73.59242	0	26.40758	21.81152	4.596061	30.19133	1
1640.325	1640.325	1279.325	60.91228	49.62718	60.84147	61.39609	72.49964	0	27.50036	15.46606	12.0343	30.63661	1
1640.33	1640.33	1279.33	60.90047	22.39071	61.13648	61.13648	76.72397	0	23.27603	10.21833	13.0577	30.40054	1
1640.335	1640.335	1279.335	59.49625	19.91214	59.56705	59.24844	79.896	0	20.104	6.120353	13.98364	30.62222	1
1640.34	1640.34	1279.34	58.63483	23.83887	58.31622	59.44905	82.75615	0	17.24385	17.24385	0	30.81159	1
1640.345	1640.345	1279.345	60.09806	47.23215	60.29866	61.85629	71.72492	0	28.27508	21.0608	7.214275	30.26226	1
1640.35	1640.35	1279.35	57.74981	51.86903	57.78521	57.0418	74.04351	0	25.95649	14.66029	11.2962	30.80477	1
1640.355	1640.355	1279.355	56.00337	45.40803	55.33076	55.68477	82.70091	0	17.29909	17.29909	0	31.47294	1
1640.36	1640.36	1279.36	59.53165	27.11114	59.34284	58.90623	80.13322	0	19.86678	9.880198	9.986584	30.87984	1
1640.365	1640.365	1279.365	56.59339	18.19942	56.46358	55.15376	84.5358	0	15.4642	15.4642	0	31.23535	1
1640.37	1640.37	1279.37	55.16556	22.02867	55.09476	53.50172	84.46546	0	15.53454	12.29842	3.23612	31.2891	1
1640.375	1640.375	1279.375	55.24816	24.61864	54.95315	56.41638	85.50028	0	14.49972	14.49972	0	31.02188	1
1640.38	1640.38	1279.38	57.80881	21.88943	57.85601	55.72017	81.15284	0	18.84716	18.84716	0	31.04294	1
1640.385	1640.385	1279.385	53.83213	21.10965	53.86753	52.3217	85.09155	0	14.90845	8.348087	6.560364	31.25893	1
1640.39	1640.39	1279.39	53.06511	14.59295	53.19492	52.93531	86.64263	0	13.35737	13.35737	0	31.03791	1
1640.395	1640.395	1279.395	49.74925	19.4944	49.47784	49.40704	91.61644	0	8.383558	8.383558	0	32.12697	1
1640.4	1640.4	1279.4	49.74925	21.9869	49.53684	47.7314	90.556	0	9.444002	9.444002	0	32.27161	1
1640.405	1640.405	1279.405	50.28026	28.65677	49.96165	49.65484	89.27643	0	10.72357	7.531722	3.191852	31.98429	1
1640.41	1640.41	1279.41	49.06483	32.51388	48.40402	46.97619	92.1133	0	7.886698	7.886698	0	33.01115	1
1640.415	1640.415	1279.415	52.80551	34.04558	52.03849	51.89689	89.12427	0	10.87573	10.87573	0	32.29675	1
1640.42	1640.42	1279.42	54.78795	18.60323	54.30414	54.30414	88.84263	0	11.15737	11.15737	0	31.75244	1
1640.425	1640.425	1279.425	59.67325	37.95838	58.51683	58.42242	84.87697	0	15.12303	6.953179	8.169855	31.86059	4
1640.43	1640.43	1279.43	62.2221	50.82469	60.48747	58.61123	83.89952	0	16.10048	16.10048	0	32.42616	4
1640.435	1640.435	1279.435	63.56733	46.28528	62.45811	59.15404	78.9135	0	21.0865	11.26484	9.821665	31.96146	4
1640.44	1640.44	1279.44	63.57913	61.78333	62.62331	56.29838	73.96324	0	26.03676	8.435778	17.60098	32.45175	4
1640.445	1640.445	1279.445	64.52315	86.3045	62.48171	57.79701	75.57419	0	24.42581	22.65608	1.769727	32.81266	4
1640.45	1640.45	1279.45	65.16036	63.05046	63.20152	60.22786	79.97527	0	20.02473	10.52193	9.502799	32.36827	4
1640.455	1640.455	1279.455	67.33161	111.3409	65.56157	63.77973	64.82821	0.797747	34.37404	8.433962	25.94008	31.26007	4
1640.46	1640.46	1279.46	69.05444	67.08859	68.81844	70.35247	62.06351	0.041852	37.89464	21.18901	16.70563	31.33674	4
1640.465	1640.465	1279.465	71.8865	69.2469	71.06048	70.57667	63.5083	0	36.4917	24.74907	11.74263	31.78951	4
1640.47	1640.47	1279.47	77.55062	53.6096	76.41779	75.62718	64.45929	0	35.54071	16.49605	19.04466	31.81862	4
1640.475	1640.475	1279.475	70.68288	67.82659	69.40845	66.04538	68.43452	0	31.56548	6.676778	24.8887	31.9899	4
1640.48	1640.48	1279.48	74.37635	94.81241	73.11373	70.04566	58.4145	1.113349	40.47215	13.5157	26.95644	31.28783	4
1640.485	1640.485	1279.485	73.20813	90.96923	72.13431	70.35247	58.95609	1.017774	40.02614	17.05596	22.97018	31.13935	4
1640.49	1640.49	1279.49	72.65352	123.9008	72.21691	63.66173	46.55848	4.227007	49.21451	17.30217	31.91235	30.08888	4
1640.495	1640.495	1279.495	74.14035	146.6814	73.97514	67.81542	37.5743	6.562725	55.86298	37.24129	18.62169	28.77614	4
1640.5	1640.5	1279.5	76.99601	169.6152	75.14337	68.81844	42.47474	5.36519	52.16007	22.95334	29.20673	28.71516	4
1640.505	1640.505	1279.505	75.43837	82.89298	73.89254	71.7567	62.51679	0	37.48321	19.63738	17.84583	32.09142	4
1640.51	1640.51	1279.51	74.71856	164.0732	72.0399	69.00724	52.31278	3.365399	44.32182	15.07407	29.24775	28.90059	4
1640.515	1640.515	1279.515	79.20265	208.1863	77.14941	75.50918	32.66511	7.754118	59.58077	31.84488	27.73589	26.98265	4
1640.52	1640.52	1279.52	77.39721	197.0188	74.86016	67.68561	40.77817	5.904324	53.3175	32.05922	21.25828	28.23933	4
1640.525	1640.525	1279.525	75.56818	113.4156	74.63596	69.27865	50.25539	3.163711	46.5809	30.3201	16.26079	30.27526	4
1640.53	1640.53	1279.53	77.45622	56.51984	75.87498	73.82174	67.31703	0	32.68297	5.216218	27.46675	31.58314	4
1640.535	1640.535	1279.535	73.19633	77.21175	72.0871	70.95428	62.57061	0.027666	37.40172	20.98157	16.42016	31.97009	4
1640.54	1640.54	1279.54	68.66503	57.7452	68.39363	67.42601	64.95722	0	35.04278	19.17888	15.86389	31.56808	4
1640.545	1640.545	1279.545	69.14884	134.1215	66.22238	61.47869	66.60573	0.95928	32.43499	10.46119	21.9738	31.75241	4
1640.55	1640.55	1279.55	67.88622	173.8344	64.01574	59.94466	65.47298	2.556296	31.97072	24.57318	7.397545	30.27832	4
1640.555	1640.555	1279.555	68.19302	105.1584	66.31679	61.83269	66.35494	0.302228	33.34283	15.07346	18.26937	32.28828	4
1640.56	1640.56	1279.56	68.07502	75.72182	66.24598	62.0805	73.22134	0	26.77866	21.05291	5.725746	32.2655	4
1640.565	1640.565	1279.565	66.61179	95.34155	66.37579	60.92408	57.47353	1.544998	40.98147	25.72911	15.25236	31.02897	4
1640.57	1640.57	1279.57	65.79758	106.1609	62.98912	58.56403	75.54083	0	24.45917	20.93814	3.521034	33.12306	4
1640.575	1640.575	1279.575	64.21634	100.2291	61.9035	57.3604	74.5901	0	25.4099	18.56867	6.841237	33.04219	4
1640.58	1640.58	1279.58	65.91558	90.70466	63.27232	59.44905	77.89236	0	22.10764	12.48527	9.622369	32.86497	4
1640.585	1640.585	1279.585	67.69741	125.4882	64.36975	61.30168	73.13965	0	26.86035	12.68381	14.17654	32.91024	4
1640.59	1640.59	1279.59	68.90104	49.97529	67.90982	66.24598	72.19898	0	27.80102	24.04891	3.752111	31.46234	4
1640.595	1640.595	1279.595	68.14582	90.64897	67.24901	59.88565	62.31914	0.586154	37.09471	16.31528	20.77943	32.39263	4
1640.6	1640.6	1279.6	72.33491	181.6878	70.18727	60.85327	46.12767	5.325758	48.54657	15.71541	32.83116	28.84946	4
1640.605	1640.605	1279.605	75.23777	179.1953	73.36153	63.79153	41.95683	5.808123	52.23504	27.57603	24.65901	28.93355	4
1640.61	1640.61	1279.61	78.06983	151.8057	77.96363	70.44687	32.26185	8.05404	59.68411	37.9993	21.68482	29.10166	4
1640.615	1640.615	1279.615	79.36785	190.3211	78.96665	73.60934	24.03324	10.33594	65.63082	31.17782	34.453	28.30355	4
1640.62	1640.62	1279.62	82.78992	215.1486	85.05557	72.71252	0	21.0925	78.9075	78.9075	0	-9999	4
1640.625	1640.625	1279.625	84.07615	215.5524	86.10579	87.74603	0	21.2802	78.7198	78.7198	0	-9999	4
1640.63	1640.63	1279.63	86.4008	223.7818	89.84647	95.03858	0	29.25653	70.74347	70.74347	0	-9999	4
1640.635	1640.635	1279.635	88.72545	217.8221	91.59291	87.42742	0	28.95968	71.04032	71.04032	0	-9999	4
1640.64	1640.64	1279.64	85.44498	175.1572	84.30036	81.05529	27.87341	8.908058	63.21853	35.62476	27.59377	28.40792	4

1640.645	1640.645	1279.645	81.7987	146.1802	81.4447	69.39665	32.11315	8.192849	59.694	26.75508	32.93892	30.24595	4
1640.65	1640.65	1279.65	80.68948	119.7374	80.57148	72.0753	37.70375	6.671692	55.62456	28.60899	27.01557	30.11119	4
1640.655	1640.655	1279.655	83.81655	114.8359	84.00535	84.85497	33.63525	8.388218	57.97653	27.1608	30.81574	28.48954	4
1640.66	1640.66	1279.66	84.94937	89.92489	84.54816	83.27373	43.19412	5.326237	51.47964	20.14458	31.33506	29.83638	4
1640.665	1640.665	1279.665	82.14091	74.49646	81.8223	80.15847	48.87142	3.560458	47.56812	23.89515	23.67297	30.59449	4
1640.67	1640.67	1279.67	87.15601	105.7571	86.5896	86.82561	38.61293	6.663397	54.72367	26.975	27.74867	29.10135	4
1640.675	1640.675	1279.675	85.29158	123.0654	83.07313	80.40628	48.94288	2.129221	48.9279	20.27702	28.65088	30.21742	4
1640.68	1640.68	1279.68	86.212	146.5283	83.00233	77.56242	50.10003	0.839675	49.06029	18.36966	30.69063	30.59681	4
1640.685	1640.685	1279.685	88.33604	158.6844	85.79899	81.5627	39.99137	3.757577	56.25106	27.99721	28.25385	29.40485	4
1640.69	1640.69	1279.69	82.48312	60.04276	81.20869	81.7987	59.46199	0.091213	40.4468	15.66817	24.77863	32.08421	4
1640.695	1640.695	1279.695	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1641.075	1641.075	1280.075	71.30829	37.33178	73.58574	77.12581	47.71187	2.747471	49.54066	19.06866	30.472	29.80494	4
1641.08	1641.08	1280.08	70.44687	22.0983	69.98666	70.74188	73.40771	0	26.59229	15.62958	10.9627	30.85633	4
1641.085	1641.085	1280.085	71.9573	62.50741	71.24929	74.58876	64.1596	0	35.8404	17.08612	18.75428	31.01419	4
1641.09	1641.09	1280.09	71.8865	85.69182	71.15489	71.47349	58.79702	1.023942	40.17904	21.23232	18.94672	30.74724	4
1641.095	1641.095	1280.095	72.44111	85.05129	72.93672	71.57969	48.93079	3.167273	47.90194	15.45679	32.44515	29.82093	4
1641.1	1641.1	1280.1	73.52673	89.74387	75.17877	76.22899	37.83412	5.9994	56.16647	37.64989	18.51658	28.63331	4
1641.105	1641.105	1280.105	73.52673	84.67532	73.78634	75.29677	49.85203	3.008521	47.13944	23.39481	23.74463	29.45165	4
1641.11	1641.11	1280.11	74.91916	121.9932	72.97212	70.14006	56.64158	1.794833	41.56359	18.6764	22.88718	30.40197	4
1641.115	1641.115	1280.115	72.40571	50.58797	71.6859	72.0871	66.72302	0	33.27698	15.25703	18.01995	31.3537	4
1641.12	1641.12	1280.12	74.55336	68.62029	73.56214	73.58574	62.48676	0	37.51324	17.5862	19.92704	31.82817	4
1641.125	1641.125	1280.125	71.55609	43.51429	70.84808	71.34369	69.12505	0	30.87495	7.292333	23.58262	31.15171	4
1641.13	1641.13	1280.13	73.17273	68.91271	72.31131	69.18425	62.6802	0	37.3198	13.23167	24.08813	32.37855	4
1641.135	1641.135	1280.135	74.87196	116.2423	73.20813	73.47953	55.88187	1.904781	42.21335	18.9896	23.22375	29.8391	4
1641.14	1641.14	1280.14	74.41175	83.04615	73.42053	74.16395	59.12598	0.810111	40.06391	23.96542	16.0985	30.95796	4
1641.145	1641.145	1280.145	77.17301	128.4263	74.56516	72.0163	58.13252	1.132132	40.73534	18.65592	22.07943	30.64377	4
1641.15	1641.15	1280.15	80.35907	92.80728	79.35605	77.98723	51.3837	2.550086	46.06621	18.46729	27.59893	30.41206	4
1641.155	1641.155	1280.155	82.54212	126.5326	80.68948	78.32943	47.79831	3.069461	49.13223	24.58643	24.5458	29.72161	4
1641.16	1641.16	1280.16	85.16177	156.5818	82.51852	76.9488	44.24359	3.159417	52.59699	25.19962	27.39737	29.69251	4
1641.165	1641.165	1280.165	86.3182	126.3794	84.60716	80.68948	43.26396	4.029771	52.70627	29.22876	23.47751	29.8786	4
1641.17	1641.17	1280.17	83.36814	157.1527	81.4093	77.52702	40.45137	4.956597	54.59204	30.65254	23.93949	28.91849	4
1641.175	1641.175	1280.175	81.5863	156.1362	79.72186	74.04595	41.60503	4.920536	53.47443	32.91456	20.55987	29.18657	4
1641.18	1641.18	1280.18	83.87555	111.0624	82.48312	80.60688	46.74872	3.490409	49.76087	33.30134	16.45953	29.89049	4
1641.185	1641.185	1280.185	82.75452	119.8906	80.73668	79.12005	50.49059	2.216799	47.29261	27.15143	20.14118	30.03704	4
1641.19	1641.19	1280.19	82.48312	139.8445	80.71308	75.39117	43.99095	4.174641	51.83441	19.12681	32.7076	29.66393	4
1641.195	1641.195	1280.195	81.22049	166.148	78.99025	75.48557	42.35374	4.673552	52.97271	34.1101	18.86261	28.61551	4
1641.2	1641.2	1280.2	78.45924	204.1899	75.22597	70.74188	43.46136	5.022949	51.5157	29.90588	21.60981	27.83861	4
1641.205	1641.205	1280.205	74.80116	98.82269	72.54731	67.47321	64.73515	0	35.26485	6.94421	28.32064	32.33019	4
1641.21	1641.21	1280.21	76.37059	155.0362	74.02234	68.59423	50.41922	3.389461	46.19132	30.30593	15.88538	29.46982	4
1641.215	1641.215	1280.215	76.6538	223.5033	74.23475	72.0753	34.13834	7.890944	57.97072	38.83378	19.13694	26.52365	4
1641.22	1641.22	1280.22	76.6892	174.0015	75.48557	69.03084	36.66568	6.909081	56.42524	29.61726	26.80799	28.3927	4
1641.225	1641.225	1280.225	77.36181	201.4607	75.49737	67.81542	34.52304	7.526514	57.95045	25.53719	32.41326	28.07303	4
1641.23	1641.23	1280.23	76.4768	134.9152	74.02234	71.7567	56.01387	1.838302	42.14783	28.22758	13.92026	30.05525	4
1641.235	1641.235	1280.235	81.31489	134.4974	78.38843	74.45895	55.32198	0.906018	43.772	16.22452	27.54748	30.73415	4
1641.24	1641.24	1280.24	78.64804	143.2838	77.06681	74.27015	45.22366	4.33623	50.44011	23.09157	27.34854	28.92366	4
1641.245	1641.245	1280.245	77.17301	121.9236	75.74518	74.86016	50.56101	3.014543	46.42445	27.26976	19.15469	29.41554	4
1641.25	1641.25	1280.25	73.06652	139.566	70.95428	67.43781	55.37371	2.578485	42.0478	16.54149	25.50631	29.7904	4
1641.255	1641.255	1280.255	67.93342	82.12713	68.24023	68.73584	55.24874	1.610859	43.1404	16.11752	27.02288	30.02072	4
1641.26	1641.26	1280.26	71.06048	135.6532	71.8039	73.89254	36.03482	6.630625	57.33456	33.98711	23.34745	27.29845	4
1641.265	1641.265	1280.265	65.65597	85.31586	66.02178	68.84204	56.11506	1.461741	42.4232	13.45083	28.97237	29.49239	4
1641.27	1641.27	1280.27	65.47897	66.68478	64.99516	68.80664	67.37116	0	32.62884	13.62077	19.00807	30.53492	4
1641.275	1641.275	1280.275	67.75642	103.8912	67.34341	66.9422	55.72323	2.068624	42.20814	11.70684	30.5013	29.71023	4
1641.28	1641.28	1280.28	71.54429	78.85485	71.60329	74.86016	54.63912	1.784125	43.57676	25.87684	17.69992	29.72017	4
1641.285	1641.285	1280.285	66.72979	120.7817	64.73555	66.57639	64.83478	1.133601	34.03162	14.72615	19.30548	30.29879	4
1641.29	1641.29	1280.29	67.1782	104.128	64.99516	67.78002	69.91569	0	30.08431	20.84647	9.237843	31.39035	4
1641.295	1641.295	1280.295	77.16121	78.45104	74.88376	70.28167	67.67675	0	32.32325	11.17029	21.15296	31.74119	4
1641.3	1641.3	1280.3	74.82476	88.12862	74.10495	69.06624	55.41266	1.723142	42.8642	11.87084	30.99336	31.35976	4
1641.305	1641.305	1280.305	69.29045	98.62775	68.19302	69.24325	60.8899	0.990071	38.12003	28.27784	9.842188	30.47056	4
1641.31	1641.31	1280.31	67.48501	91.15025	67.131	68.86564	58.59899	1.245	40.15601	16.02864	24.12738	30.02579	4
1641.315	1641.315	1280.315	67.31981	89.71602	67.072	71.6859	58.27499	1.261825	40.46318	22.38831	18.07487	29.46868	4
1641.32	1641.32	1280.32	69.47925	90.99708	69.46745	72.22871	54.14925	2.061082	43.78967	16.68772	27.10195	29.34041	4
1641.325	1641.325	1280.325	69.55005	85.92854	69.60905	71.02508	54.76199	1.838201	43.39981	25.66366	17.73615	29.79233	4
1641.33	1641.33	1280.33	69.76246	69.02411	68.53523	65.91558	68.6257	0	31.3743	16.6937	14.6806	31.85557	4
1641.335	1641.335	1280.335	70.11646	106.0495	70.17547	69.37305	49.3716	3.312363	47.31603	30.84898	16.46705	29.14922	4
1641.34	1641.34	1280.34	69.20785	63.23148	68.91284	68.06322	63.31306	0	36.68694	14.92291	21.76403	31.71899	4
1641.345	1641.345	1280.345	66.61179	56.96543	66.26959	67.29621	67.58362	0	32.41638	20.14953	12.26685	30.96435	4
1641.35	1641.35	1280.35	67.94522	65.38979	67.80362	68.81844	62.76349	0	37.23651	6.46117	30.77534	31.33599	4
1641.355	1641.355	1280.355	64.62935	55.74006	64.31074	63.95674	69.5211	0	30.4789	14.40645	16.07245	31.07634	4
1641.36	1641.36	1280.36	66.67079	58.52498	65.56157	64.84176	73.0963	0	26.9037	8.59195	18.31175	31.37633	4
1641.365	1641.365	1280.365	65.45537	57.34139	64.79455	63.21332	71.02575	0	28.97425	17.32216	11.65209	31.41528	4
1641.37	1641.37	1280.37	66.28139	110.9371	65.46717	64.95976	58.48453	1.835872	39.67959	22.08692	17.59268	29.8479	4
1641.375	1641.375	1280.375	66.02178	69.41399	65.26656	65.14856	68.3147	0	31.6853	16.72321	14.9621	31.33354	4
1641.38	1641.38	1280.38	66.24598	85.99816	66.48199	65.99818	56.4131	1.452648	42.13425	27.62391	14.51034	30.16165	4

1641.385	1641.385	1280.385	72.75972	135.7646	73.84534	70.25807	31.79246	7.748618	60.45892	26.55155	33.90738	28.44644	4
1641.39	1641.39	1280.39	76.27619	271.7102	76.9134	64.22814	0	17.21676	82.78324	82.78324	0	-9999	4
1641.395	1641.395	1280.395	74.37635	250.6284	71.24929	66.38759	35.15644	8.469236	56.37433	33.04562	23.32871	26.20186	4
1641.4	1641.4	1280.4	71.9573	227.9174	69.18425	61.9861	40.13446	7.499343	52.36619	31.36586	21.00034	27.01162	4
1641.405	1641.405	1280.405	66.7888	108.8066	65.07776	64.68835	65.48363	0.662364	33.85401	27.10209	6.751919	31.1441	4
1641.41	1641.41	1280.41	69.36125	128.2592	67.57941	63.05992	58.95815	2.060795	38.98105	26.35028	12.63077	30.46682	4
1641.415	1641.415	1280.415	72.13431	120.4197	71.6977	67.93342	47.87859	3.893017	48.22839	28.60882	19.61957	29.3527	4
1641.42	1641.42	1280.42	73.18453	245.3927	72.46471	56.53439	18.86376	12.04127	69.09497	41.52883	27.56614	29.15251	4
1641.425	1641.425	1280.425	65.50257	248.1637	63.88594	48.64002	32.21092	10.09233	57.69675	36.79631	20.90044	27.45125	4
1641.43	1641.43	1280.43	60.15706	193.663	56.03877	49.67844	69.70578	4.083595	26.21063	14.3965	11.81413	30.3036	4
1641.435	1641.435	1280.435	61.65569	204.2178	58.49323	52.80551	58.36517	5.517144	36.11769	26.19796	9.919726	27.98007	4
1641.44	1641.44	1280.44	64.18094	77.67126	63.00092	61.01848	71.30227	0	28.69773	9.654589	19.04314	31.85561	4
1641.445	1641.445	1280.445	68.13402	83.93732	67.61481	65.95098	61.02775	0.636321	38.33593	11.07758	27.25835	31.26841	4
1641.45	1641.45	1280.45	64.45235	105.9381	63.27232	61.46689	64.212	0.892423	34.89558	15.09017	19.80541	31.05174	4
1641.455	1641.455	1280.455	67.60301	90.03629	66.57639	65.27836	63.97276	0.311934	35.7153	19.09855	16.61675	31.54761	4
1641.46	1641.46	1280.46	73.47953	102.3038	73.42053	72.22871	48.09856	3.606756	48.29468	28.54647	19.74821	29.38512	4
1641.465	1641.465	1280.465	70.31707	161.6504	70.55307	71.22569	34.35987	7.382662	58.25747	31.91881	26.33866	26.92008	4
1641.47	1641.47	1280.47	70.89528	131.1277	70.50587	70.42327	46.06135	4.463154	49.4755	26.79055	22.68495	28.19863	4
1641.475	1641.475	1280.475	78.80144	137.3798	77.85742	73.68014	41.5729	5.370274	53.05682	28.5863	24.47052	29.04994	4
1641.48	1641.48	1280.48	78.75424	162.0959	78.32943	72.0399	31.61115	8.210453	60.1784	40.82569	19.35271	28.71165	4
1641.485	1641.485	1280.485	72.84232	85.83106	71.7567	68.19302	60.62752	0.599209	38.77327	24.07572	14.69755	31.83437	4
1641.49	1641.49	1280.49	75.41477	143.0611	76.08739	68.68863	30.78488	8.315953	60.89917	27.10808	33.79109	29.13322	4
1641.495	1641.495	1280.495	74.57696	141.404	74.04595	67.29621	41.28476	5.622428	53.09281	21.44625	31.64656	29.147	4
1641.5	1641.5	1280.5	68.40543	198.3555	66.48199	61.25448	43.97162	6.545648	49.48273	20.84315	28.63958	27.21804	4
1641.505	1641.505	1280.505	65.56157	181.5068	64.16914	61.11288	46.55003	5.850134	47.59984	31.35246	16.24737	27.1714	4
1641.51	1641.51	1280.51	68.27563	139.1761	66.9658	66.74159	53.65697	3.332788	43.01025	29.25535	13.75489	28.58399	4
1641.515	1641.515	1280.515	68.16942	102.457	67.0366	64.86536	61.26892	1.074953	37.65613	26.4617	11.19444	30.95289	4
1641.52	1641.52	1280.52	68.55883	118.2614	67.0602	66.35219	59.92101	1.699763	38.37923	19.29726	19.08197	30.09776	4
1641.525	1641.525	1280.525	68.85384	96.17702	68.54703	68.21663	55.75738	1.870003	42.37262	28.51073	13.86189	29.95914	4
1641.53	1641.53	1280.53	73.17273	98.4885	73.42053	73.05472	46.92638	3.826759	49.24686	15.22866	34.0182	29.19371	4
1641.535	1641.535	1280.535	75.54458	100.3405	74.52975	72.0871	54.08146	2.119205	43.79934	16.03113	27.76821	30.47823	4
1641.54	1641.54	1280.54	77.86922	83.04615	77.68042	75.86318	49.72638	3.170098	47.10353	32.14771	14.95582	30.32211	4
1641.545	1641.545	1280.545	73.93974	124.1236	73.53853	72.88952	45.04688	4.562856	50.39026	30.07819	20.31207	28.58149	4
1641.55	1641.55	1280.55	72.59452	78.70168	72.55911	72.53551	54.44159	1.850857	43.70755	23.67767	20.02988	30.3625	4
1641.555	1641.555	1280.555	69.20785	64.17835	68.98364	69.82146	62.53521	0	37.46479	16.99004	20.47476	31.46783	4
1641.56	1641.56	1280.56	73.21993	84.22974	73.27893	74.02234	51.79681	2.536821	45.66637	27.30396	18.36241	29.79984	4
1641.565	1641.565	1280.565	71.8393	135.1797	70.39967	69.50285	52.35147	3.239172	44.40935	32.30225	12.1071	28.92047	4
1641.57	1641.57	1280.57	72.31131	121.8679	71.43809	70.55307	50.74901	3.303271	45.94772	14.73142	31.2163	29.08003	4
1641.575	1641.575	1280.575	72.80692	75.15092	72.26411	71.27289	59.0379	0.784879	40.17722	27.94933	12.22789	31.32556	4
1641.58	1641.58	1280.58	67.79182	86.27665	66.9776	63.87414	63.06276	0.355456	36.58178	14.45177	22.13001	31.81517	4
1641.585	1641.585	1280.585	69.19605	79.56501	68.88924	68.91284	59.46266	0.806989	39.73036	27.20929	12.52106	30.86956	4
1641.59	1641.59	1280.59	70.34067	77.89406	70.06926	70.71828	58.53962	0.950551	40.50983	21.62885	18.88098	30.71895	4
1641.595	1641.595	1280.595	71.6269	121.1159	72.44111	74.17575	38.48302	5.927978	55.589	36.32913	19.25987	27.75693	4
1641.6	1641.6	1280.6	70.52947	119.1247	71.32009	74.52975	40.15743	5.448078	54.39449	24.05678	30.33771	27.52455	4
1641.605	1641.605	1280.605	73.98694	79.6764	74.11675	76.26439	51.64435	2.551117	45.80453	17.3199	28.48463	29.66478	4
1641.61	1641.61	1280.61	69.83326	109.9345	70.71828	73.90434	42.29036	4.791137	52.9185	31.15645	21.76205	27.79327	4
1641.615	1641.615	1280.615	72.96032	69.21905	72.64172	74.45895	58.59469	0.799801	40.6055	13.83412	26.77139	30.87625	4
1641.62	1641.62	1280.62	74.32915	80.20554	73.97514	75.41477	54.951	1.768075	43.28093	12.23402	31.04691	30.23426	4
1641.625	1641.625	1280.625	66.51739	65.04168	65.80938	63.40213	68.55103	0	31.44897	9.225736	22.22324	31.70486	4
1641.63	1641.63	1280.63	68.86564	81.51445	68.65323	67.73282	58.56325	1.016103	40.42065	28.66922	11.75142	30.83166	4
1641.635	1641.635	1280.635	63.30772	46.22958	62.1749	60.46387	79.34872	0	20.65128	9.914649	10.73664	31.6947	4
1641.64	1641.64	1280.64	63.29592	53.20579	61.83269	61.45509	80.23198	0	19.76802	19.76802	0	31.70964	4
1641.645	1641.645	1280.645	67.81542	88.99194	66.41119	62.41091	66.95654	0	33.04346	5.262902	27.78056	32.3819	4
1641.65	1641.65	1280.65	75.87498	164.4074	73.56214	66.9186	48.33299	4.063634	47.60338	28.15316	19.45022	29.22809	4
1641.655	1641.655	1280.655	76.37059	192.0616	74.52975	62.89472	37.52663	6.84382	55.62955	20.27069	35.35886	28.95671	4
1641.66	1641.66	1280.66	81.7751	193.2452	83.92275	82.68372	1.35732	18.5323	80.11038	80.11038	0	-9999	4
1641.665	1641.665	1280.665	78.50644	148.8955	77.44441	75.80418	39.97205	5.826571	54.20138	29.61491	24.58647	28.24916	4
1641.67	1641.67	1280.67	81.6217	204.3153	78.48284	72.25231	39.78994	5.120012	55.09004	37.75053	17.33951	28.28208	4
1641.675	1641.675	1280.675	87.80503	219.2006	86.70761	82.74272	14.67785	12.68309	72.63906	51.23576	21.4033	28.84194	4
1641.68	1641.68	1280.68	90.68429	170.2	91.88791	92.73753	6.053952	20.15706	73.78898	65.68345	8.105529	-9999	4
1641.685	1641.685	1280.685	88.15904	143.3117	87.61622	85.90519	28.41904	9.671834	61.90912	42.14089	19.76823	28.70821	4
1641.69	1641.69	1280.69	97.71723	104.114	98.53145	101.1865	18.59437	20.23144	61.17418	35.55456	25.61962	28.37613	4
1641.695	1641.695	1280.695	95.81739	89.14511	95.88819	95.28638	29.72617	13.09882	57.17501	37.36934	19.80567	29.20286	4
1641.7	1641.7	1280.7	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1642.02	1642.02	1281.02	114.8984	128.9137	115.5828	118.7571	0	48.82879	51.17121	51.17121	0	-9999	4
1642.025	1642.025	1281.025	107.3816	106.885	107.3934	106.886	15.25127	25.52025	59.22848	49.50218	9.726298	28.64786	4
1642.03	1642.03	1281.03	103.1689	97.06819	103.0155	98.16564	22.78294	18.54746	58.6696	36.99535	21.67425	29.72218	4
1642.035	1642.035	1281.035	99.36927	101.3848	99.00346	97.81163	26.88016	13.99514	59.1247	34.62281	24.50189	29.23836	4
1642.04	1642.04	1281.04	98.94446	82.68411	98.14204	96.077	35.18027	9.674214	55.14551	21.52298	33.62254	29.97152	4
1642.045	1642.045	1281.045	97.64643	90.14768	97.29242	96.2068	31.0931	12.05627	56.85063	31.8185	25.03213	29.4054	4
1642.05	1642.05	1281.05	97.63463	114.9891	97.97684	96.1006	19.69667	17.9375	62.36583	41.98425	20.38158	29.21886	4
1642.055	1642.055	1281.055	97.28062	90.14768	96.74961	96.49001	32.80142	10.77359	56.42499	27.87001	28.55498	29.36307	4
1642.06	1642.06	1281.06	100.6909	126.6997	100.7145	99.03886	16.52015	19.46156	64.01829	44.85406	19.16422	29.23892	4

1642.065	1642.065	1281.065	99.56987	141.6408	98.26004	97.04462	24.26982	10.82882	64.90136	31.30344	33.59792	29.24039	4
1642.07	1642.07	1281.07	95.81739	122.5502	96.53721	91.67551	16.6123	19.01228	64.37542	50.28838	14.08704	29.85239	4
1642.075	1642.075	1281.075	93.81135	62.63273	93.90575	92.61953	37.80482	9.988386	52.20679	21.81768	30.38912	29.95797	4
1642.08	1642.08	1281.08	92.44252	78.98017	91.93511	91.4985	39.77211	7.400744	52.82715	24.29681	28.53034	29.84233	4
1642.085	1642.085	1281.085	94.27156	113.1789	94.04736	86.448	27.61845	12.09598	60.28557	38.76495	21.52062	30.29751	4
1642.09	1642.09	1281.09	91.87611	83.21324	91.3569	86.84921	39.36025	7.353106	53.28664	21.24256	32.04408	30.49731	4
1642.095	1642.095	1281.095	89.30366	81.57015	88.26524	85.73999	46.14842	4.074304	49.77727	26.86901	22.90826	30.72923	4
1642.1	1642.1	1281.1	87.59262	54.93244	87.00261	85.96419	50.69373	3.314816	45.99145	25.99236	19.9991	31.29404	4
1642.105	1642.105	1281.105	86.84921	69.83173	87.15601	85.78719	40.8217	7.186252	51.99205	34.18657	17.80548	29.99318	4
1642.11	1642.11	1281.11	89.17386	57.45279	89.45706	88.60744	41.86163	7.546538	50.59183	20.43459	30.15724	30.19849	4
1642.115	1642.115	1281.115	88.87885	67.57595	89.81107	89.30366	34.65338	10.67273	54.67389	34.68821	19.98568	29.48871	4
1642.12	1642.12	1281.12	81.12609	53.34504	80.48888	80.40628	57.3929	0.984813	41.62229	10.69229	30.93	31.84687	4
1642.125	1642.125	1281.125	82.31792	73.99518	81.09069	81.11429	55.87168	1.124553	43.00377	21.27353	21.73024	31.28398	4
1642.13	1642.13	1281.13	87.56902	77.58772	87.07341	86.73121	44.50125	5.171235	50.32751	26.69455	23.63296	30.08408	4
1642.135	1642.135	1281.135	86.92001	62.39601	86.89641	85.97599	45.11666	5.542828	49.34051	28.36167	20.97884	30.42074	4
1642.14	1642.14	1281.14	94.09456	87.52986	94.23616	90.68429	31.15336	12.10593	56.74071	22.98144	33.75927	29.79188	4
1642.145	1642.145	1281.145	94.46036	111.8422	96.59621	86.17659	9.47787	24.9154	65.60673	45.48296	20.12378	31.38005	4
1642.15	1642.15	1281.15	94.18896	85.49687	95.55779	91.2389	22.0475	18.52957	59.42293	35.99417	23.42877	29.74188	4
1642.155	1642.155	1281.155	95.33358	78.85485	95.59319	94.08276	31.19829	13.07074	55.73097	37.76328	17.96769	29.46333	4
1642.16	1642.16	1281.16	93.77595	172.6508	94.41316	95.09758	7.006237	20.14918	72.84459	67.75373	5.090853	-9999	4
1642.165	1642.165	1281.165	91.5339	174.0432	89.64587	84.79597	28.30265	7.567956	64.1294	29.03937	35.09003	29.17856	4
1642.17	1642.17	1281.17	83.92275	111.0345	82.01111	81.22049	50.73592	2.040312	47.22377	18.35797	28.8658	30.16202	4
1642.175	1642.175	1281.175	81.5745	73.67491	80.35907	77.33821	56.54167	0.982341	42.47598	25.03896	17.43703	31.9091	4
1642.18	1642.18	1281.18	81.94031	108.2357	80.48888	80.86649	49.67046	2.779534	47.55001	31.87509	15.67492	29.69918	4
1642.185	1642.185	1281.185	86.18839	208.7015	83.93455	81.98751	27.66823	7.885133	64.44664	38.75472	25.69192	27.71025	4
1642.19	1642.19	1281.19	80.94909	76.76617	79.72186	77.53882	56.46042	1.038396	42.50118	19.6463	22.85488	31.63937	4
1642.195	1642.195	1281.195	81.29129	100.1594	79.85166	75.87498	52.13055	2.15282	45.71663	13.04825	32.66838	30.91504	4
1642.2	1642.2	1281.2	84.45376	103.752	83.48614	81.14969	44.69361	4.368053	50.93833	26.28925	24.64909	29.91701	4
1642.205	1642.205	1281.205	90.23588	232.5404	87.52182	79.55666	21.74216	8.198145	70.0597	50.65209	19.40761	29.1076	4
1642.21	1642.21	1281.21	87.45102	180.4207	85.58658	77.19661	30.33265	7.371201	62.29615	28.40375	33.8924	29.40766	4
1642.215	1642.215	1281.215	90.55448	165.2847	88.94965	85.98779	29.12844	7.896643	62.97492	33.47725	29.49767	28.84396	4
1642.22	1642.22	1281.22	87.56902	195.0693	86.88461	77.65682	17.53393	12.43051	70.03556	54.65167	15.38389	29.85071	4
1642.225	1642.225	1281.225	84.43016	100.6329	84.54816	79.37965	37.05658	7.475468	55.46796	30.4042	25.06376	29.94226	4
1642.23	1642.23	1281.23	85.66918	84.70317	84.34756	82.95513	50.92879	2.306001	46.76521	19.71234	27.05286	30.85752	4
1642.235	1642.235	1281.235	89.61046	102.9722	88.58384	85.26798	40.59541	5.66589	53.7387	29.75919	23.97951	30.07042	4
1642.24	1642.24	1281.24	91.2389	44.41939	90.63709	89.87007	49.97477	4.07614	45.94909	33.64039	12.3087	31.4333	1
1642.245	1642.245	1281.245	82.91973	23.93634	83.02593	80.97269	57.09819	1.632453	41.26936	12.13268	29.13668	32.7518	1
1642.25	1642.25	1281.25	80.44168	87.96152	78.06983	76.937	63.0888	0	36.9112	14.18055	22.73065	31.05838	1
1642.255	1642.255	1281.255	83.08493	145.3308	83.20293	79.20265	27.4773	9.927768	62.59493	32.3358	30.25913	28.87086	1
1642.26	1642.26	1281.26	79.08465	72.14321	77.36181	74.43535	63.13544	0	36.86456	10.09978	26.76478	31.95828	1
1642.265	1642.265	1281.265	86.5306	185.0436	83.04953	76.6892	42.58959	2.624996	54.78541	28.65809	26.12732	29.38075	1
1642.27	1642.27	1281.27	80.44168	106.5787	77.47982	74.65956	63.15604	0	36.84396	7.342233	29.50173	30.92655	1
1642.275	1642.275	1281.275	75.88678	99.04548	73.88074	68.97184	61.76197	0.214161	38.02387	14.94356	23.08031	32.22692	1
1642.28	1642.28	1281.28	81.6099	22.54388	81.4329	82.12911	60.83505	0.26239	38.90256	15.90288	22.99968	32.91289	1
1642.285	1642.285	1281.285	85.53938	19.383	85.71638	86.89641	55.2413	2.68275	42.07595	22.60704	19.4689	31.99963	1
1642.29	1642.29	1281.29	82.31792	40.43696	82.08191	82.83713	56.31081	1.548748	42.14044	22.4537	19.68674	31.79553	1
1642.295	1642.295	1281.295	79.75726	22.57173	79.29705	79.32065	64.72758	0	35.27242	13.01508	22.25734	32.33426	1
1642.3	1642.3	1281.3	86.03499	14.6208	85.90519	86.2828	58.31554	1.55558	40.12888	18.86537	21.26351	32.80682	1
1642.305	1642.305	1281.305	88.20624	46.02071	87.43922	87.15601	53.65762	2.303972	44.03841	16.92451	27.1139	31.77315	1
1642.31	1642.31	1281.31	98.23644	20.2324	98.27184	98.59045	44.45188	10.16487	45.38325	28.13919	17.24406	30.65141	1
1642.315	1642.315	1281.315	87.25042	24.20091	86.73121	87.22682	57.89688	1.359377	40.74374	13.18081	27.56294	32.63335	1
1642.32	1642.32	1281.32	86.86101	20.12101	86.684	86.75481	56.59037	2.122724	41.28691	11.42238	29.86453	32.49342	1
1642.325	1642.325	1281.325	87.72243	41.17496	86.82561	87.40382	56.28137	1.345767	42.37286	24.00209	18.37077	32.11588	1
1642.33	1642.33	1281.33	83.96995	40.03315	83.63954	85.65738	55.62028	1.824226	42.5555	17.14216	25.41334	31.53628	1
1642.335	1642.335	1281.335	86.73121	24.00596	86.20019	85.76359	58.51318	1.107901	40.37892	11.32364	29.05527	32.90302	1
1642.34	1642.34	1281.34	87.74603	19.35516	87.56902	87.69883	55.96149	2.467578	41.57094	26.90186	14.66908	32.41176	1
1642.345	1642.345	1281.345	81.4565	42.83198	80.48888	80.14667	62.19374	0	37.80626	14.45379	23.35248	32.33421	1
1642.35	1642.35	1281.35	80.64228	51.98043	79.24985	76.45319	64.02116	0	35.97884	8.507489	27.47135	32.111	1
1642.355	1642.355	1281.355	83.36814	30.80115	82.90793	82.83713	59.41406	0.61253	39.97341	21.93806	18.03535	32.72969	1
1642.36	1642.36	1281.36	85.38598	49.89174	85.27978	84.53636	50.19417	3.739739	46.0661	29.64986	16.41624	31.12493	1
1642.365	1642.365	1281.365	84.14695	47.9423	85.06737	87.86403	43.84952	6.336245	49.81424	25.49509	24.31914	29.71329	1
1642.37	1642.37	1281.37	95.59319	36.87227	94.57837	94.00016	50.99604	3.606992	45.39697	28.9278	16.46917	31.85606	1
1642.375	1642.375	1281.375	90.55448	30.27202	89.82287	89.46886	55.03406	2.282482	42.68346	21.98021	20.70324	32.34014	1
1642.38	1642.38	1281.38	87.04981	48.34612	86.70761	85.65738	50.86652	3.529673	45.60381	28.84966	16.75415	31.37623	1
1642.385	1642.385	1281.385	88.54844	192.2566	85.52758	82.90793	35.42102	4.416942	60.16203	37.24805	22.91398	28.39694	1
1642.39	1642.39	1281.39	94.53117	159.4224	91.74631	85.33878	36.03374	3.063077	60.90318	24.40228	36.5009	30.2016	1
1642.395	1642.395	1281.395	93.96475	82.09928	93.22134	91.1209	39.44587	7.255293	53.29884	30.89367	22.40516	30.16587	1
1642.4	1642.4	1281.4	90.70789	82.2246	91.1445	93.33934	33.26667	10.81743	55.9159	27.88026	28.03564	28.80778	1
1642.405	1642.405	1281.405	92.14752	81.15241	91.3333	90.08247	41.89558	6.034437	52.06998	28.62492	23.44506	30.17493	1
1642.41	1642.41	1281.41	93.71695	81.76509	93.96475	92.37172	32.07277	11.98486	55.94237	36.69702	19.24535	29.49607	-9999
1642.415	1642.415	1281.415	94.25976	112.7194	94.08276	95.49879	27.3747	12.29652	60.32878	39.08566	21.24312	28.62624	-9999
1642.42	1642.42	1281.42	93.59895	109.1965	92.20652	86.03499	38.25474	5.864821	55.88044	24.51622	31.36422	30.60895	-9999
1642.425	1642.425	1281.425	92.67853	95.63396	90.42468	85.84619	49.05964	0.942251	49.9981	23.04092	26.95719	31.63881	-9999

1642.43	1642.43	1281.43	92.86733	111.2295	89.84647	85.49218	51.0562	0	48.9438	27.63706	21.30674	30.13996	-9999
1642.435	1642.435	1281.435	90.12968	113.5688	88.35964	86.2592	43.31483	3.674767	53.01041	34.22125	18.78916	30.0233	-9999
1642.44	1642.44	1281.44	87.73423	124.2768	85.11457	76.6774	49.51184	1.136166	49.35199	13.81703	35.53496	31.56409	-9999
1642.445	1642.445	1281.445	90.25948	111.2016	88.58384	84.48916	43.03665	3.903614	53.05973	24.18852	28.87121	30.39996	-9999
1642.45	1642.45	1281.45	91.2979	127.8833	91.02649	93.25674	27.16157	11.16203	61.67639	41.51013	20.16627	28.27281	-9999
1642.455	1642.455	1281.455	89.06765	137.3102	87.53362	78.97845	36.71743	5.926913	57.35565	21.10572	36.24993	30.32279	-9999
1642.46	1642.46	1281.46	88.78445	104.1419	86.6604	82.30611	49.57731	1.528909	48.89378	25.30789	23.58589	31.19885	-9999
1642.465	1642.465	1281.465	92.20652	126.3655	89.69307	83.96995	44.0688	1.89544	54.03576	29.64076	24.395	30.83897	-9999
1642.47	1642.47	1281.47	95.49879	98.01507	94.55477	91.2389	35.73762	8.057899	56.20448	27.07012	29.13436	30.05361	-9999
1642.475	1642.475	1281.475	98.57865	112.608	98.09484	95.40438	25.80603	13.43246	60.76151	32.61978	28.14173	29.46651	-9999
1642.48	1642.48	1281.48	98.48425	137.7836	99.44007	98.51965	8.643248	24.2678	67.08896	63.07118	4.01778	29.50881	-9999
1642.485	1642.485	1281.485	98.88546	113.8612	98.76745	95.40438	22.38548	16.05258	61.56194	34.98683	26.57511	29.50782	-9999
1642.49	1642.49	1281.49	97.04462	58.17686	97.04462	96.58441	36.64015	11.54607	51.81378	30.50494	21.30884	29.75318	-9999
1642.495	1642.495	1281.495	95.48699	60.26555	94.33056	91.0973	46.52999	4.408651	49.06135	26.66753	22.39382	31.47696	-9999
1642.5	1642.5	1281.5	94.92057	71.23811	93.59895	92.14752	45.67606	4.095855	50.22809	18.68919	31.53889	30.9288	-9999
1642.505	1642.505	1281.505	94.80257	81.09671	93.87035	93.51635	40.38093	6.652035	52.96704	33.41059	19.55645	29.991	-9999
1642.51	1642.51	1281.51	96.99742	129.1226	97.20982	95.38078	17.86858	17.54995	64.58147	42.89494	21.68653	29.24096	-9999
1642.515	1642.515	1281.515	99.54627	155.3008	101.1039	102.6497	0	30.97051	69.02949	69.02949	0	-9999	-9999
1642.52	1642.52	1281.52	103.4167	151.6664	103.8534	104.0186	4.769593	27.28422	67.94619	59.70218	8.244009	-9999	-9999
1642.525	1642.525	1281.525	102.4845	133.0214	102.1777	101.2573	15.90079	19.13192	64.96729	52.20996	12.75733	29.15358	-9999
1642.53	1642.53	1281.53	104.3608	174.0432	106.5084	108.184	0	45.47299	54.52701	54.52701	0	-9999	-9999
1642.535	1642.535	1281.535	102.9801	159.3389	105.2222	110.6149	0	42.53026	57.46974	57.46974	0	-9999	-9999
1642.54	1642.54	1281.54	101.9181	154.9526	101.8827	91.66371	9.011148	22.12302	68.86583	55.76779	13.09804	31.23091	-9999
1642.545	1642.545	1281.545	105.0216	135.6393	106.8388	93.92935	0	41.08768	58.91232	58.91232	0	-9999	-9999
1642.55	1642.55	1281.55	105.6942	162.7365	109.2933	98.54325	0	62.76462	37.23538	37.23538	0	-9999	-9999
1642.555	1642.555	1281.555	102.9683	154.3539	106.8152	90.37748	0	56.9409	43.0591	43.0591	0	-9999	-9999
1642.56	1642.56	1281.56	104.3844	149.1879	108.5027	108.0542	0	63.40164	36.59836	36.59836	0	-9999	-9999
1642.565	1642.565	1281.565	102.2721	112.7612	104.6558	95.21558	0.148158	39.21601	60.63584	60.63584	0	-9999	-9999
1642.57	1642.57	1281.57	100.3369	92.7098	101.1865	99.88848	18.66976	22.68475	58.64549	40.73173	17.91376	28.95817	-9999
1642.575	1642.575	1281.575	100.1599	88.22609	99.98288	98.61405	27.87397	14.9969	57.12913	30.8704	26.25873	29.28821	-9999
1642.58	1642.58	1281.58	105.9538	79.81565	106.2252	106.8152	21.10372	24.27917	54.61711	28.76745	25.84966	28.31085	-9999
1642.585	1642.585	1281.585	104.2782	80.30301	105.352	109.9069	16.30864	29.15279	54.53858	31.73596	22.80262	27.44718	-9999
1642.59	1642.59	1281.59	101.1393	65.50119	101.9771	104.5614	24.60747	21.75936	53.63317	22.28675	31.34642	28.19835	-9999
1642.595	1642.595	1281.595	98.03584	64.90243	97.59923	93.79955	37.48436	10.12682	52.38882	29.88489	22.50392	30.4824	-9999
1642.6	1642.6	1281.6	95.07398	71.14064	93.69335	93.25674	46.01578	3.851728	50.1325	23.1882	26.9443	30.8019	-9999
1642.605	1642.605	1281.605	92.93813	46.89796	91.88791	90.92029	51.28683	2.989286	45.72389	27.48583	18.23806	31.76078	-9999
1642.61	1642.61	1281.61	96.44281	50.88039	95.02678	93.77595	49.93379	2.795319	47.27089	29.11363	18.15726	31.7865	-9999
1642.615	1642.615	1281.615	95.72299	46.522	94.73177	93.64615	48.35848	4.441186	47.20033	16.92409	30.27624	31.44657	-9999
1642.62	1642.62	1281.62	99.64067	41.00787	98.16564	95.49879	49.83816	3.037954	47.12388	23.82223	23.30165	32.27836	-9999
1642.625	1642.625	1281.625	99.36927	49.98921	98.36624	98.90906	44.2563	6.461224	49.28248	27.49051	21.79197	30.65989	-9999
1642.63	1642.63	1281.63	103.1453	80.5815	102.0007	99.73507	34.47639	9.760224	55.76338	22.08159	33.68179	30.1264	-9999
1642.635	1642.635	1281.635	101.2455	113.1372	98.67305	92.65493	39.41146	1.40621	59.18233	21.02054	38.16179	31.44664	-9999
1642.64	1642.64	1281.64	101.7057	111.3827	99.69967	91.87611	35.02296	5.076632	59.90041	30.67619	29.22422	31.29149	-9999
1642.645	1642.645	1281.645	101.8945	133.6202	98.36624	94.41316	41.26507	0	58.73493	29.46046	29.27447	26.88709	-9999
1642.65	1642.65	1281.65	103.4403	108.542	101.3753	99.95928	34.57178	4.957323	60.47089	29.36384	31.10706	30.22277	-9999
1642.655	1642.655	1281.655	101.8355	66.7544	101.0331	96.98562	36.37549	10.4797	53.14481	25.2933	27.85151	30.53133	-9999
1642.66	1642.66	1281.66	102.3075	135.3608	101.9299	91.2153	16.04623	18.59776	65.35601	52.02383	13.33218	30.97801	-9999
1642.665	1642.665	1281.665	102.8857	172.3862	101.0331	92.12392	17.9856	10.62838	71.38601	45.47238	25.91363	30.95184	-9999
1642.67	1642.67	1281.67	102.8739	150.0651	100.1127	93.97655	30.43996	2.749393	66.81065	26.6171	40.19355	30.85121	-9999
1642.675	1642.675	1281.675	100.5729	86.20703	99.49907	93.57535	34.93296	9.122425	55.94461	38.74613	17.19848	30.74341	-9999
1642.68	1642.68	1281.68	101.1629	75.06737	100.1717	96.56081	36.44578	9.275301	54.27891	19.3049	34.97401	30.47616	-9999
1642.685	1642.685	1281.685	98.09484	50.26771	97.46943	94.82617	42.43491	8.040925	49.52416	34.15753	15.36663	30.90602	-9999
1642.69	1642.69	1281.69	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1643.01	1643.01	1282.01	94.75537	192.0059	94.77897	83.07313	6.17672	19.01401	74.80927	72.75232	2.056947	-9999	3
1643.015	1643.015	1282.015	93.17414	87.19567	92.87913	90.82589	35.46474	9.338594	55.19667	22.35922	32.83745	29.74493	3
1643.02	1643.02	1282.02	94.25976	237.414	91.0855	89.45706	20.4274	6.608099	72.9645	41.10973	31.85478	28.42972	3
1643.025	1643.025	1282.025	88.43044	77.12821	87.40382	84.65436	47.93528	3.536673	48.52805	22.31874	26.2093	30.98677	3
1643.03	1643.03	1282.03	90.34208	72.05966	88.58384	85.71638	53.07318	0.961111	45.96571	13.02764	32.93807	31.99101	3
1643.035	1643.035	1282.035	96.1124	138.5216	93.37474	90.84949	39.27119	1.907724	58.82108	22.42917	36.39192	30.086	3
1643.04	1643.04	1282.04	104.644	558.8906	96.63161	93.98835	0	0	100	100	0	-9999	3
1643.045	1643.045	1282.045	98.82645	226.8034	95.23918	94.00016	21.9946	3.287775	74.71762	54.5204	20.19723	29.06007	3
1643.05	1643.05	1282.05	100.3723	117.5512	99.18046	97.95324	28.44674	10.35149	61.20177	27.13772	34.06406	29.4147	3
1643.055	1643.055	1282.055	99.67607	94.50607	98.62585	98.15384	33.56676	9.336956	57.09628	37.81866	19.27762	29.56994	3
1643.06	1643.06	1282.06	98.70845	90.73251	98.13024	93.71695	31.7121	11.45886	56.82905	34.90098	21.92806	30.08909	3
1643.065	1643.065	1282.065	106.8388	118.6374	106.2842	106.237	17.29628	20.25071	62.45301	32.92037	29.53264	28.87816	3
1643.07	1643.07	1282.07	107.2754	108.8623	107.1574	106.4376	15.87645	24.24558	59.87798	48.21256	11.66541	28.74913	3
1643.075	1643.075	1282.075	105.9656	125.4325	105.2812	104.172	17.46118	18.68938	63.84944	49.99447	13.85497	29.17887	3
1643.08	1643.08	1282.08	103.7826	150.8449	101.5051	98.55505	25.6658	6.3416	67.9926	43.36992	24.62268	30.04297	3
1643.085	1643.085	1282.085	129.8965	579.8888	125.4596	124.2796	0	0	100	100	0	-9999	3
1643.09	1643.09	1282.09	146.2752	653.4663	150.8537	160.2939	0	100	0	0	0	-9999	3
1643.095	1643.095	1282.095	127.2178	880.7014	119.3235	129.3065	0	0	100	100	0	-9999	3
1643.1	1643.1	1282.1	105.3992	234.643	101.9535	98.66125	12.9531	3.312143	83.73476	64.52359	19.21117	30.77665	3
1643.105	1643.105	1282.105	104.1248	102.4988	103.641	102.8031	23.15004	17.17019	59.67977	29.07649	30.60328	29.0609	3

1643.11	1643.11	1282.11	113.3644	298.9188	111.0043	105.1278	0	17.91556	82.08444	82.08444	0	-9999	3
1643.115	1643.115	1282.115	105.4464	172.5115	104.3372	100.8443	9.838008	17.76711	72.39488	57.69618	14.69869	30.2238	3
1643.12	1643.12	1282.12	109.3405	210.7066	109.1635	108.6797	0	33.19172	66.80828	66.80828	0	-9999	3
1643.125	1643.125	1282.125	95.49879	77.12821	94.31876	91.3569	42.62128	5.430717	51.948	26.90077	25.04723	30.79503	3
1643.13	1643.13	1282.13	96.47821	92.20852	95.91179	90.80229	33.31528	10.21695	56.46777	38.48753	17.98024	30.2542	3
1643.135	1643.135	1282.135	102.0951	187.8146	99.44007	95.72299	21.19802	5.975434	72.82655	41.58128	31.24526	30.00393	3
1643.14	1643.14	1282.14	104.3136	173.7369	102.8739	101.5169	13.14432	14.45195	72.40373	46.40184	26.00189	29.71005	3
1643.145	1643.145	1282.145	97.68183	168.2506	97.30422	87.91123	12.34253	17.21239	70.44509	53.83115	16.61394	30.87771	3
1643.15	1643.15	1282.15	102.1895	305.1709	102.8857	91.4867	0	38.18484	61.81516	61.81516	0	-9999	3
1643.155	1643.155	1282.155	110.8981	138.8698	110.1665	108.0188	10.03728	24.15807	65.80465	60.86342	4.941224	29.46972	3
1643.16	1643.16	1282.16	110.4379	157.4034	109.1753	106.4848	10.09087	19.0911	70.81802	64.50591	6.312109	30.05666	3
1643.165	1643.165	1282.165	106.4022	126.7972	105.1396	101.0685	21.21041	14.01631	64.77329	32.80365	31.96964	29.95113	3
1643.17	1643.17	1282.17	114.7096	207.1837	114.6978	112.6209	0	43.5959	56.4041	56.4041	0	-9999	3
1643.175	1643.175	1282.175	98.96806	100.9114	96.83221	91.88791	41.08162	2.901594	56.01678	21.90652	34.11026	31.19056	3
1643.18	1643.18	1282.18	102.1187	107.2331	101.2691	99.60527	26.68489	13.06829	60.24682	42.53377	17.71305	29.42152	3
1643.185	1643.185	1282.185	100.0655	100.5911	99.51087	100.1481	27.89495	13.21726	58.88779	29.71263	29.17516	28.96297	3
1643.19	1643.19	1282.19	102.9211	143.5345	100.9859	100.3959	25.57531	8.100928	66.32376	38.37696	27.9468	29.45558	3
1643.195	1643.195	1282.195	102.8031	131.2252	103.1689	107.5704	10.82962	24.58153	64.58885	47.46747	17.12139	28.21649	6
1643.2	1643.2	1282.2	106.178	120.1969	105.883	105.6116	15.51488	22.056	62.42912	50.05618	12.37293	28.87433	6
1643.205	1643.205	1282.205	109.7299	100.6886	109.1753	110.0957	18.98011	22.18737	58.83252	27.58842	31.2441	28.44426	6
1643.21	1643.21	1282.21	112.7153	72.37993	113.3998	114.6506	13.48174	40.03612	46.48214	22.16692	24.31521	26.7578	6
1643.215	1643.215	1282.215	118.0963	75.34586	118.4739	116.9988	10.19129	48.25307	41.55563	28.08416	13.47148	26.19098	6
1643.22	1643.22	1282.22	124.6926	84.24366	125.318	127.0526	0.048905	74.7949	25.1562	25.1562	0	-9999	6
1643.225	1643.225	1282.225	122.5331	202.2544	121.6009	118.5801	0	42.3728	57.6272	57.6272	0	-9999	6
1643.23	1643.23	1282.23	111.8539	115.7689	111.6297	110.7447	10.8159	29.81905	59.36504	37.00182	22.36323	28.55544	3
1643.235	1643.235	1282.235	110.7801	156.0527	111.5825	108.3611	0	43.13459	56.86541	56.86541	0	-9999	3
1643.24	1643.24	1282.24	107.594	121.8261	106.8624	103.1217	17.20159	19.53805	63.26036	45.40386	17.8565	29.6263	3
1643.245	1643.245	1282.245	101.7529	102.457	101.9771	102.6969	19.85514	20.35743	59.78744	31.21776	28.56967	28.63175	3
1643.25	1643.25	1282.25	103.6056	79.49538	103.7354	103.2515	24.43904	20.11162	55.44934	35.69664	19.7527	28.80674	3
1643.255	1643.255	1282.255	101.9771	59.10981	101.7765	102.4137	33.43116	14.4767	52.09214	35.42599	16.66615	29.24672	3
1643.26	1643.26	1282.26	98.35444	91.34519	98.16564	96.89121	28.8716	13.66309	57.46531	28.71784	28.74747	29.30769	3
1643.265	1643.265	1282.265	108.2666	51.50699	108.5263	108.5027	25.91805	25.54194	48.54001	26.67771	21.8623	28.20564	3
1643.27	1643.27	1282.27	106.945	53.09439	106.9332	106.7562	28.85319	21.09382	50.05299	32.85007	17.20292	28.70662	3
1643.275	1643.275	1282.275	100.7145	142.2395	98.89726	95.06218	27.0043	8.10215	64.89356	39.91138	24.98218	29.91143	3
1643.28	1643.28	1282.28	94.74357	106.4812	93.20954	91.2153	38.95621	5.374688	55.6691	34.40699	21.26211	29.999	3
1643.285	1643.285	1282.285	88.56024	58.10724	88.05283	86.04679	48.39505	4.215184	47.38976	27.24775	20.14201	31.144	3
1643.29	1643.29	1282.29	88.97325	173.6951	85.70458	81.7043	41.44256	2.320886	56.23655	31.44842	24.78813	29.3143	3
1643.295	1643.295	1282.295	85.57478	65.80753	85.00837	83.02593	49.73547	3.394787	46.86974	28.51098	18.35876	31.06395	3
1643.3	1643.3	1282.3	88.31244	183.7904	84.97297	79.02565	40.15615	2.820013	57.02383	26.73636	30.28747	29.35245	3
1643.305	1643.305	1282.305	96.77321	323.44	97.64643	79.62746	0	34.41514	65.58486	65.58486	0	-9999	3
1643.31	1643.31	1282.31	93.65795	89.68817	92.97353	93.25674	37.43436	7.902112	54.66353	38.36964	16.29389	29.47044	6
1643.315	1643.315	1282.315	101.8119	93.04399	101.3635	102.0007	27.29156	14.79675	57.91168	23.5546	34.35709	28.92711	6
1643.32	1643.32	1282.32	100.6083	145.9295	97.23342	97.38682	38.28067	0	61.71933	21.98632	39.73301	28.30902	6
1643.325	1643.325	1282.325	96.77321	116.9525	95.68759	91.2389	31.07972	9.177122	59.74316	40.64711	19.09606	29.94338	6
1643.33	1643.33	1282.33	97.68183	104.2672	97.18622	96.3838	28.74103	12.19309	59.06588	36.50091	22.56497	29.20369	6
1643.335	1643.335	1282.335	97.22162	90.92746	96.61981	96.96202	33.21571	10.38081	56.40348	31.17308	25.2304	29.26944	6
1643.34	1643.34	1282.34	99.12146	134.3582	97.91784	97.20982	25.62166	10.78198	63.59636	38.46746	25.1289	29.13753	6
1643.345	1643.345	1282.345	97.74083	93.43388	97.92964	98.00044	26.00421	15.63343	58.36236	33.58706	24.7753	28.91958	6
1643.35	1643.35	1282.35	94.48397	101.8443	93.38654	92.32452	36.93345	7.095572	55.97098	34.4665	21.50448	29.65089	6
1643.355	1643.355	1282.355	93.53995	82.73981	92.41892	91.5575	42.60814	5.316877	52.07498	21.464	30.61098	30.24602	6
1643.36	1643.36	1282.36	96.3602	59.15158	96.0298	96.2658	39.59458	9.225546	51.17987	35.69618	15.48369	29.92786	6
1643.365	1643.365	1282.365	99.20406	90.76036	99.54627	99.16866	24.11615	17.7858	58.09805	41.50202	16.59604	28.92278	6
1643.37	1643.37	1282.37	101.4225	116.6322	100.8207	99.64067	23.13034	14.97752	61.89213	40.77817	21.11396	29.18305	6
1643.375	1643.375	1282.375	106.2488	87.61341	105.706	106.3904	25.25544	17.67504	57.06952	40.76884	16.30068	28.76323	6
1643.38	1643.38	1282.38	100.1481	50.28163	99.64067	97.85883	39.62804	10.19653	50.17543	19.43014	30.7453	30.40585	6
1643.385	1643.385	1282.385	99.15686	118.6234	97.83523	93.81135	30.31143	9.013568	60.675	41.03393	19.64108	29.96944	6
1643.39	1643.39	1282.39	103.3931	104.1837	104.6558	105.6824	9.880509	31.00681	59.11268	42.94855	16.16414	28.49053	6
1643.395	1643.395	1282.395	105.8122	107.5952	107.6648	111.3937	2.256801	41.15834	56.58486	56.58486	0	-9999	6
1643.4	1643.4	1282.4	109.4349	91.80471	111.2521	113.8482	3.019589	47.98827	48.99214	48.99214	0	-9999	6
1643.405	1643.405	1282.405	112.1843	106.4255	112.6563	116.0902	7.37737	38.46465	54.15798	40.50741	13.65058	-9999	6
1643.41	1643.41	1282.41	113.4116	119.4311	113.9426	119.2881	2.64372	42.63421	54.72207	54.72207	0	-9999	6
1643.415	1643.415	1282.415	110.6267	151.7639	112.5501	111.2521	0	56.44425	43.55575	43.55575	0	-9999	6
1643.42	1643.42	1282.42	112.2433	162.5276	115.0636	119.1937	0	74.42175	25.57825	25.57825	0	-9999	6
1643.425	1643.425	1282.425	117.4708	213.2966	119.8899	120.0551	0	91.72905	8.270949	8.270949	0	-9999	6
1643.43	1643.43	1282.43	117.695	158.0717	119.9607	122.3679	0	86.11739	13.88261	13.88261	0	-9999	6
1643.435	1643.435	1282.435	117.4944	69.9292	118.8633	119.7247	4.373832	63.2887	32.33746	32.33746	0	-9999	6
1643.44	1643.44	1282.44	117.4118	67.81267	118.5447	119.6067	6.791065	58.78392	34.42501	34.42501	0	-9999	6
1643.445	1643.445	1282.445	114.3556	69.8735	115.3468	116.692	10.20153	48.02254	41.77593	24.5768	17.19913	26.01374	6
1643.45	1643.45	1282.45	113.2228	74.31544	114.1432	115.9958	10.71749	44.51714	44.76537	30.82473	13.94064	26.36309	6
1643.455	1643.455	1282.455	113.2464	118.3032	114.9338	115.1462	0	58.35851	41.64149	41.64149	0	-9999	6
1643.46	1643.46	1282.46	101.4461	184.1385	101.7883	101.0095	0	26.42097	73.57903	73.57903	0	-9999	3
1643.465	1643.465	1282.465	96.47821	136.976	95.51059	94.94417	25.59091	11.03313	63.37596	40.33653	23.03943	28.95034	3
1643.47	1643.47	1282.47	91.5339	120.8653	89.31546	86.20019	43.73236	2.648252	53.61939	24.89411	28.72528	30.29646	3

1643.475	1643.475	1282.475	94.03556	80.76252	93.55175	92.28912	37.69229	8.472312	53.8354	28.70495	25.13045	29.84497	3
1643.48	1643.48	1282.48	89.30366	62.79982	88.02923	87.43922	52.51988	1.918456	45.56166	20.05541	25.50625	31.49765	3
1643.485	1643.485	1282.485	96.99742	95.11875	97.16262	98.72025	26.46331	14.97535	58.56134	33.20296	25.35838	28.65751	3
1643.49	1643.49	1282.49	94.17716	107.3167	92.90273	91.3805	37.26318	6.490477	56.24634	20.07253	36.17381	29.71	3
1643.495	1643.495	1282.495	92.00591	106.2306	91.0855	91.79351	36.78001	7.202333	56.01766	33.37493	22.64273	29.13039	3
1643.5	1643.5	1282.5	100.3251	210.8876	98.22464	94.00016	12.94455	10.83262	76.22284	52.36087	23.86197	30.09349	3
1643.505	1643.505	1282.505	103.9478	204.8862	101.0803	96.77321	17.00842	5.718361	77.27322	42.18656	35.08666	30.43851	3
1643.51	1643.51	1282.51	114.0134	221.6374	115.7834	115.0282	0	68.85197	31.14803	31.14803	0	-9999	3
1643.515	1643.515	1282.515	111.5235	223.9489	108.3493	106.8506	7.803288	3.756447	88.44026	76.78447	11.65579	-9999	3
1643.52	1643.52	1282.52	105.5172	125.7389	103.523	105.5526	27.95074	7.308449	64.74081	41.70215	23.03866	29.25543	3
1643.525	1643.525	1282.525	121.6599	189.5413	121.6009	122.4505	0	57.08624	42.91376	42.91376	0	-9999	3
1643.53	1643.53	1282.53	110.1075	185.2804	108.6089	108.1132	5.477654	18.21581	76.30654	76.30654	0	-9999	3
1643.535	1643.535	1282.535	111.4527	210.261	108.8921	108.0896	6.425389	9.265689	84.30892	73.21066	11.09826	-9999	3
1643.54	1643.54	1282.54	115.7834	149.1182	116.2436	116.7628	0	48.90997	51.09003	51.09003	0	-9999	6
1643.545	1643.545	1282.545	108.9039	149.9398	110.9571	110.7919	0	53.37204	46.62796	46.62796	0	-9999	6
1643.55	1643.55	1282.55	111.5353	122.0628	113.3408	114.686	0	55.38768	44.61232	44.61232	0	-9999	6
1643.555	1643.555	1282.555	116.9044	77.49025	117.459	117.3882	9.39705	48.31163	42.29132	36.48925	5.80207	26.1153	6
1643.56	1643.56	1282.56	122.4387	49.39046	122.4741	122.2499	15.12951	51.67614	33.19435	7.721365	25.47298	24.60244	6
1643.565	1643.565	1282.565	119.2409	71.75332	120.2203	121.3767	5.343586	62.12394	32.53248	24.63342	7.89905	-9999	6
1643.57	1643.57	1282.57	121.0699	62.6745	121.6481	122.1083	8.96731	59.61371	31.41898	28.58857	2.830413	24.18619	6
1643.575	1643.575	1282.575	119.0875	63.27326	119.4179	119.1937	12.56675	49.188	38.24526	19.46807	18.77719	25.50052	6
1643.58	1643.58	1282.58	118.6391	54.01342	118.8633	118.3559	16.04323	45.52686	38.4299	31.31505	7.114854	25.77199	6
1643.585	1643.585	1282.585	123.1822	43.79278	123.312	122.5449	15.06859	55.49003	29.44137	11.85088	17.5905	24.10092	6
1643.59	1643.59	1282.59	119.8781	75.23446	121.1289	122.4505	1.81152	69.75393	28.43455	28.43455	0	-9999	6
1643.595	1643.595	1282.595	122.0847	78.28395	123.1232	125.1764	0.689566	73.81488	25.49555	25.49555	0	-9999	6
1643.6	1643.6	1282.6	122.0965	42.24715	122.3797	123.2884	15.25253	55.37475	29.37272	4.595782	24.77693	23.92145	6
1643.605	1643.605	1282.605	120.1377	49.43223	120.0433	119.2645	18.24234	43.139	38.61866	25.26219	13.35648	25.85674	6
1643.61	1643.61	1282.61	118.6745	50.42088	119.3707	119.6775	13.22198	53.74321	33.0348	26.62194	6.412865	24.79352	6
1643.615	1643.615	1282.615	116.8572	105.3394	118.1907	122.0375	0	62.99205	37.00795	37.00795	0	-9999	6
1643.62	1643.62	1282.62	118.5801	64.01126	119.4887	120.7867	8.373825	58.19945	33.42673	33.42673	0	24.56917	6
1643.625	1643.625	1282.625	121.6245	53.41466	122.3443	123.666	9.600527	63.70872	26.69076	20.99267	5.698087	23.33244	6
1643.63	1643.63	1282.63	120.9755	44.47508	121.3885	121.4829	14.73874	54.79413	30.46712	13.08811	17.37901	24.31844	6
1643.635	1643.635	1282.635	113.801	101.7886	115.2288	115.748	0	55.07353	44.92647	44.92647	0	-9999	6
1643.64	1643.64	1282.64	114.7922	90.23123	115.6064	117.3764	6.245055	47.88615	45.8688	34.0401	11.8287	-9999	6
1643.645	1643.645	1282.645	122.0375	78.75738	123.725	126.7576	0	87.91242	12.08758	12.08758	0	-9999	6
1643.65	1643.65	1282.65	122.2027	63.88594	123.0288	126.203	5.711455	68.69524	25.59331	20.07797	5.515332	-9999	6
1643.655	1643.655	1282.655	124.1498	57.07682	124.256	125.7428	11.14655	58.84643	30.00702	12.76144	17.24558	23.47132	6
1643.66	1643.66	1282.66	126.321	63.6353	127.265	129.0469	1.06877	88.36143	10.5698	10.5698	0	-9999	6
1643.665	1643.665	1282.665	127.3358	48.15117	127.9141	128.9053	6.717301	81.95376	11.32893	10.03136	1.297578	-9999	6
1643.67	1643.67	1282.67	130.9821	35.36841	131.4069	131.3361	6.631127	81.00159	12.36728	1.97924	10.38804	-9999	6
1643.675	1643.675	1282.675	131.5367	54.54255	131.4895	131.5485	6.152722	81.75545	12.09182	12.09182	0	-9999	6
1643.68	1643.68	1282.68	134.8644	40.60405	134.7818	133.8378	5.938393	83.73669	10.32492	0	10.32492	-9999	6
1643.685	1643.685	1282.685	142.5936	31.46953	142.6526	141.9445	0.494609	66.74492	32.76047	32.76047	0	-9999	6
1643.69	1643.69	1282.69	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1645.015	1644.832	1283.832	105.4936	264.4555	101.5877	99.79407	9.218242	1.869679	88.91208	57.6379	31.27418	30.88002	3
1645.02	1644.837	1283.837	103.0273	250.8651	99.05066	98.05944	15.32478	1.417466	83.25776	61.69793	21.55983	29.89333	3
1645.025	1644.842	1283.842	100.5493	205.6938	98.22464	95.79379	15.73278	9.128415	75.13881	49.64983	25.48897	29.65171	3
1645.03	1644.847	1283.847	101.1865	185.4335	98.75565	95.75839	20.87259	7.184237	71.94317	54.3987	17.54447	29.72819	3
1645.035	1644.853	1283.853	102.2603	122.5919	101.3281	101.2573	23.47795	13.6007	62.92135	34.00299	28.91837	29.05067	3
1645.04	1644.858	1283.858	107.83	77.21175	108.1958	109.3995	19.27611	27.7148	53.00909	37.68712	15.32197	27.89079	3
1645.045	1644.863	1283.863	111.0279	64.06696	111.4527	113.2228	19.05786	32.82785	48.1143	33.36988	14.74441	27.16466	3
1645.05	1644.868	1283.868	113.8128	76.90541	114.5798	115.7598	10.73678	43.93953	45.32369	32.65405	12.66964	26.49547	3
1645.055	1644.873	1283.873	109.7063	236.4253	114.2848	120.2793	0	94.31824	5.681764	5.681764	0	-9999	3
1645.06	1644.879	1283.879	107.3698	270.638	111.7595	119.4061	0	84.77937	15.22063	15.22063	0	-9999	3
1645.065	1644.884	1283.884	99.19226	237.1633	98.77925	108.0188	0	22.72383	77.27617	77.27617	0	-9999	3
1645.07	1644.889	1283.889	98.30724	158.9211	98.10664	103.6646	12.6531	18.11479	69.23211	48.89698	20.33513	28.09243	6
1645.075	1644.894	1283.894	101.3517	127.187	100.5021	97.64643	22.5617	13.89482	63.54347	44.59035	18.95313	29.51805	6
1645.08	1644.9	1283.9	101.0213	125.0705	100.0065	97.25702	24.6582	12.40346	62.93833	40.9841	21.95423	29.54878	6
1645.085	1644.905	1283.905	99.38107	184.3474	98.38985	96.89121	11.6393	15.61109	72.74961	64.66577	8.083837	29.53065	6
1645.09	1644.91	1283.91	96.83221	192.6186	93.49274	88.87885	30.18154	2.573669	67.24479	37.97319	29.2716	29.625	6
1645.095	1644.915	1283.915	96.0534	163.5441	93.55175	97.23342	31.441	4.752872	63.80613	43.8449	19.96122	28.20179	6
1645.1	1644.921	1283.921	99.16866	188.1349	98.15384	96.84401	11.10105	15.60209	73.29686	51.75398	21.54288	29.52339	6
1645.105	1644.926	1283.926	94.20076	198.1188	92.92633	94.15356	15.26735	12.62818	72.10447	59.68661	12.41786	28.44372	6
1645.11	1644.931	1283.931	95.10938	196.6567	93.06794	89.25646	20.72962	9.100389	70.16999	49.58072	20.58927	29.19727	6
1645.115	1644.936	1283.936	98.48425	210.6509	98.46065	97.06822	0	22.85486	77.14514	77.14514	0	-9999	6
1645.12	1644.941	1283.941	97.45763	187.8286	96.59621	95.02678	11.56046	15.56553	72.87401	52.97801	19.896	29.45053	6
1645.125	1644.947	1283.947	103.2043	173.0964	104.1012	106.5084	0	32.27075	67.72925	67.72925	0	-9999	6
1645.13	1644.952	1283.952	100.3605	126.8111	100.5847	101.5169	15.24249	20.55931	64.1982	36.89051	27.30769	28.75134	6
1645.135	1644.957	1283.957	100.2425	116.6322	99.91208	98.03584	22.11257	15.94042	61.94701	44.22663	17.72038	29.23721	6
1645.14	1644.962	1283.962	100.1953	139.6356	99.42827	97.18622	19.97289	14.53306	65.49405	51.60419	13.88986	29.36388	6
1645.145	1644.968	1283.968	98.10664	132.2974	97.39863	92.32452	23.21304	13.0903	63.69666	36.18739	27.50926	29.81711	6
1645.15	1644.973	1283.973	98.26004	162.9871	96.85581	91.80531	21.04065	11.13135	67.828	35.45582	32.37218	29.8043	6
1645.155	1644.978	1283.978	101.3635	121.9236	101.4461	98.85005	16.59991	20.21735	63.18274	35.89837	27.28437	29.34889	6

1645.16	1644.983	1283.983	99.40467	132.3252	98.46065	94.82617	23.84116	12.41015	63.7487	39.65074	24.09795	29.62394	6
1645.165	1644.988	1283.988	99.55807	117.1057	98.57865	95.28638	27.65751	11.2464	61.09609	43.50163	17.59446	29.68608	6
1645.17	1644.994	1283.994	100.4195	149.5221	99.31026	93.36294	20.02621	13.07663	66.89715	41.67354	25.22361	30.09346	6
1645.175	1644.999	1283.999	100.1009	127.4098	99.28666	96.0062	23.38419	13.33545	63.28036	41.15842	22.12194	29.56642	6
1645.18	1645.004	1284.004	103.7944	128.2732	103.9596	105.3166	12.18676	23.91356	63.89968	45.57711	18.32257	28.6765	6
1645.185	1645.009	1284.009	103.4285	120.4336	103.5938	100.3133	14.42047	22.96291	62.61662	37.95813	24.65849	29.43473	6
1645.19	1645.015	1284.015	104.998	120.4476	105.6942	104.7266	8.857889	29.57334	61.56877	54.97304	6.595737	28.98833	6
1645.195	1645.02	1284.02	100.1363	103.7938	100.3723	98.88546	20.92749	18.86457	60.20794	37.27284	22.9351	29.07643	6
1645.2	1645.025	1284.025	97.09182	132.8961	96.2422	92.46612	25.0992	11.72686	63.17394	31.29959	31.87435	29.56102	6
1645.205	1645.03	1284.03	95.77019	124.235	95.07398	91.0737	27.22221	11.26816	61.50963	38.36146	23.14817	29.60961	6
1645.21	1645.036	1284.036	96.0416	158.8654	94.47216	92.98533	25.35939	9.142417	65.49819	41.49433	24.00386	28.99914	6
1645.215	1645.041	1284.041	97.23342	112.4688	96.60801	98.08304	28.17476	11.70631	60.11893	38.98857	21.13036	28.72033	6
1645.22	1645.046	1284.046	93.68155	94.71494	92.66673	90.44828	38.75682	6.6802	54.56298	22.17964	32.38334	30.00467	6
1645.225	1645.051	1284.051	90.31848	133.7594	88.81985	87.87583	36.1516	6.125651	57.72275	21.96605	35.75669	29.00091	6
1645.23	1645.056	1284.056	86.4244	87.00073	85.98779	84.65436	42.8191	5.564462	51.61644	19.94679	31.66966	29.89257	6
1645.235	1645.062	1284.062	84.71336	76.04209	83.93455	84.71336	49.69734	3.141037	47.16162	21.27989	25.88173	30.33089	6
1645.24	1645.067	1284.067	85.26798	101.0367	83.55694	82.56572	50.3631	2.140134	47.49676	20.97127	26.52549	30.39913	6
1645.245	1645.072	1284.072	85.61018	143.1307	82.95513	76.7836	47.17768	2.230555	50.59176	20.31614	30.27562	30.32808	6
1645.25	1645.077	1284.077	85.78719	116.7993	84.39476	83.30914	43.60168	4.278215	52.12011	27.88475	24.23536	29.45244	6
1645.255	1645.083	1284.083	89.37446	159.9794	86.82561	82.95513	38.81408	3.85914	57.32678	29.0356	28.29118	29.30867	6
1645.26	1645.088	1284.088	90.37748	149.7031	89.87007	87.33302	24.557	11.18671	64.25629	34.26069	29.9956	28.90815	6
1645.265	1645.093	1284.093	89.39806	177.8307	88.14723	83.43894	24.41265	9.798744	65.7886	32.30572	33.48288	28.95459	6
1645.27	1645.098	1284.098	89.97627	157.292	88.76085	84.27676	28.57672	8.719726	62.70356	41.33178	21.37178	29.13904	6
1645.275	1645.104	1284.104	93.24494	181.5486	91.56931	86.97901	23.26607	9.359987	67.37395	32.09895	35.275	29.21616	6
1645.28	1645.109	1284.109	92.71393	112.4688	91.91151	89.55146	33.70447	8.447715	57.84781	31.11804	26.72977	29.47953	6
1645.285	1645.114	1284.114	93.88215	135.7367	92.15932	86.10579	34.1321	6.215454	59.65244	22.89523	36.75721	30.09754	6
1645.29	1645.119	1284.119	95.53419	119.6678	94.87337	87.67523	28.27025	11.01868	60.71107	31.04895	29.66212	30.23569	6
1645.295	1645.124	1284.124	97.79983	138.9394	96.49001	89.09125	26.55198	9.861489	63.58653	28.28868	35.29785	30.29922	6
1645.3	1645.13	1284.13	94.35416	126.7693	93.05614	90.03527	32.5757	7.75427	59.67003	28.27621	31.39381	29.5463	6
1645.305	1645.135	1284.135	89.99987	119.626	89.79927	87.33302	29.80531	10.23207	59.96262	40.10097	19.86165	29.17193	6
1645.31	1645.14	1284.14	90.86129	96.1631	91.1681	90.10608	30.75839	11.29001	57.95159	39.54317	18.40842	29.17397	3
1645.315	1645.145	1284.145	92.45432	71.47483	92.05312	91.1563	40.75448	7.385031	51.86049	32.96977	18.89072	30.05375	3
1645.32	1645.151	1284.151	93.41014	92.8212	91.95871	88.22984	42.84852	4.429211	52.72227	34.24332	18.47895	30.70759	3
1645.325	1645.156	1284.156	93.97655	116.9943	92.69033	89.69307	35.19721	7.0156	57.78719	34.60066	23.18653	29.73503	3
1645.33	1645.161	1284.161	92.41892	109.6421	91.72271	87.67523	33.83687	8.604251	57.55888	30.84482	26.71406	29.80367	3
1645.335	1645.166	1284.166	91.59291	96.53906	90.96749	88.02923	37.21902	7.653924	55.12705	27.0849	28.04215	29.8804	3
1645.34	1645.171	1284.171	92.30092	138.647	90.54268	88.30064	35.15692	5.877339	58.96574	33.84585	25.11989	29.29483	3
1645.345	1645.177	1284.177	91.05009	189.0957	87.87583	83.28553	35.07331	3.556763	61.36993	27.02971	34.34021	29.06473	3
1645.35	1645.182	1284.182	92.01771	233.7518	88.63104	82.47132	25.02246	5.687292	69.29025	34.66737	34.62288	28.84176	3
1645.355	1645.187	1284.187	92.38352	275.1078	87.26222	81.7751	28.12119	1.91094	69.96787	38.83752	31.13034	28.25228	3
1645.36	1645.192	1284.192	91.92331	239.809	91.00289	76.14639	4.530025	16.18577	79.2842	76.04875	3.235454	-9999	3
1645.365	1645.198	1284.198	94.49577	213.8954	93.69335	80.32367	7.519947	16.11923	76.36083	61.47257	14.88826	-9999	3
1645.37	1645.203	1284.203	96.79681	221.4982	96.89121	86.82561	0	22.92713	77.07287	77.07287	0	-9999	3
1645.375	1645.208	1284.208	99.53447	194.1503	99.39287	96.3366	2.541335	21.85586	75.6028	75.6028	0	-9999	3
1645.38	1645.213	1284.213	102.5907	252.731	100.3133	95.86459	2.10584	12.97828	84.91588	82.18434	2.73154	-9999	3
1645.385	1645.219	1284.219	107.9834	322.1311	105.2812	102.9683	0	15.06693	84.93307	84.93307	0	-9999	3
1645.39	1645.224	1284.224	107.8536	332.1011	102.7205	96.57261	0.187764	0	99.81224	99.81224	0	-9999	3
1645.395	1645.229	1284.229	108.3256	280.1345	106.709	101.3517	0	22.32233	77.67767	77.67767	0	-9999	3
1645.4	1645.234	1284.234	107.1456	213.1156	107.5822	100.6791	0	36.56554	63.43446	63.43446	0	-9999	3
1645.405	1645.239	1284.239	105.8476	167.2898	107.4406	105.9302	0	42.67974	57.32026	57.32026	0	-9999	3
1645.41	1645.245	1284.245	103.6174	144.1332	104.2664	104.1248	4.761936	28.80972	66.42834	65.47777	0.950573	-9999	3
1645.415	1645.25	1284.25	101.9535	97.6948	101.3517	97.52843	27.22467	14.10566	58.66967	38.92035	19.74932	29.76561	3
1645.42	1645.255	1284.255	97.68183	96.46944	96.0298	89.64587	39.59037	5.016971	55.39265	21.58422	33.80843	31.13624	3
1645.425	1645.26	1284.26	93.89395	126.0452	91.76991	83.21473	39.57596	3.734879	56.68917	36.6735	20.01566	31.04585	3
1645.43	1645.266	1284.266	94.61377	144.7599	92.53693	86.97901	34.01898	5.337506	60.64351	39.9335	20.71002	30.00268	3
1645.435	1645.271	1284.271	92.87913	106.2584	92.07672	89.58686	35.05539	8.101971	56.84264	22.12885	34.71379	29.6367	3
1645.44	1645.276	1284.276	90.74329	79.27259	90.51908	88.37144	39.06979	7.79274	53.13747	23.39278	29.74469	29.99451	3
1645.445	1645.281	1284.281	92.52512	117.412	91.0973	88.44224	37.52886	5.925234	56.54591	29.74213	26.80378	29.73206	3
1645.45	1645.287	1284.287	93.10334	133.8151	91.0737	86.17659	37.69139	4.544868	57.76374	26.13948	31.62426	30.07001	3
1645.455	1645.292	1284.292	95.88819	140.3875	95.30998	92.83193	22.29022	13.0568	64.65298	32.32247	32.33051	29.22783	3
1645.46	1645.297	1284.297	103.1335	169.2253	104.172	109.1635	0	33.0926	66.9074	66.9074	0	-9999	6
1645.465	1645.302	1284.302	110.9453	95.23015	111.7123	113.0457	8.940252	38.9323	52.12744	46.49561	5.631838	27.40712	6
1645.47	1645.307	1284.307	115.099	87.80835	115.9014	115.5356	6.640581	48.3143	45.04512	45.04512	0	-9999	6
1645.475	1645.313	1284.313	115.158	79.16119	115.5828	114.7214	11.60537	42.21959	46.17504	27.76075	18.41429	26.88497	6
1645.48	1645.318	1284.318	109.8833	104.0026	110.3435	108.7859	10.17212	33.89716	55.93072	47.58725	8.343463	28.3807	6
1645.485	1645.323	1284.323	107.4524	165.2568	108.8921	112.2197	0	44.19696	55.80304	55.80304	0	-9999	6
1645.49	1645.328	1284.328	107.2046	237.3165	110.6975	115.512	0	71.24988	28.75012	28.75012	0	-9999	6
1645.495	1645.334	1284.334	108.184	271.5152	113.6594	118.3323	0	100	0	0	0	-9999	6
1645.5	1645.339	1284.339	107.2636	285.9829	113.0103	118.0018	0	100	0	0	0	-9999	6
1645.505	1645.344	1284.344	108.243	309.3205	115.8896	117.1168	0	100	0	0	0	-9999	6
1645.51	1645.349	1284.349	107.2518	342.085	114.3556	117.872	0	100	0	0	0	-9999	6
1645.515	1645.354	1284.354	107.3344	340.0102	114.4264	123.4654	0	100	0	0	0	-9999	6
1645.52	1645.36	1284.36	106.5792	281.3321	110.9453	120.2793	0	82.33513	17.66487	17.66487	0	-9999	6

1645.525	1645.365	1284.365	106.709	237.5254	110.8155	116.5268	0	76.78586	23.21414	23.21414	0	-9999	6
1645.53	1645.37	1284.37	106.8152	220.0361	110.4143	116.3852	0	70.07877	29.92123	29.92123	0	-9999	6
1645.535	1645.375	1284.375	106.473	192.5072	109.5175	113.7302	0	60.9823	39.0177	39.0177	0	-9999	6
1645.54	1645.381	1284.381	108.6325	167.2202	111.7123	115.6654	0	66.09176	33.90824	33.90824	0	-9999	6
1645.545	1645.386	1284.386	110.4497	127.1731	111.8539	113.683	0	47.8252	52.1748	52.1748	0	-9999	6
1645.55	1645.391	1284.391	113.1165	101.1342	114.1432	114.8158	3.501993	47.5393	48.95871	48.95871	0	-9999	6
1645.555	1645.396	1284.396	112.1961	121.1438	114.0016	113.3998	0	57.17823	42.82177	42.82177	0	-9999	6
1645.56	1645.402	1284.402	112.0427	133.286	113.7066	111.7359	0	55.64128	44.35872	44.35872	0	-9999	6
1645.565	1645.407	1284.407	111.2285	137.352	113.7302	116.4324	0	64.84073	35.15927	35.15927	0	-9999	6
1645.57	1645.412	1284.412	112.3495	120.0159	114.0724	113.2346	0	56.40139	43.59861	43.59861	0	-9999	6
1645.575	1645.417	1284.417	113.7656	103.3343	114.9102	115.4176	1.457962	50.98363	47.5584	47.5584	0	-9999	6
1645.58	1645.422	1284.422	114.4618	86.23488	115.2524	113.7066	7.69905	46.45564	45.84531	40.4768	5.368516	-9999	6
1645.585	1645.428	1284.428	113.9544	88.08685	114.6506	114.1668	8.449307	44.02129	47.5294	40.38239	7.147012	27.03584	6
1645.59	1645.433	1284.433	110.2491	95.28585	110.9453	112.4321	10.116	36.71518	53.16882	40.22355	12.94527	27.51915	6
1645.595	1645.438	1284.438	112.2079	148.3802	113.8836	114.214	0	57.27428	42.72572	42.72572	0	-9999	6
1645.6	1645.443	1284.443	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1645.63	1645.475	1284.475	110.6031	108.3889	110.8745	111.3701	9.911651	33.24555	56.84279	39.49463	17.34817	28.06309	3
1645.635	1645.48	1284.48	102.1777	119.6956	101.3281	98.46065	23.61469	13.95037	62.43495	34.82281	27.61214	29.54346	3
1645.64	1645.485	1284.485	105.6824	148.6866	105.3992	101.6703	8.984888	23.54725	67.46786	49.91181	17.55605	29.92433	3
1645.645	1645.49	1284.49	109.1399	143.0889	108.4201	111.0633	10.54237	22.6478	66.80983	47.52075	19.28908	28.66419	3
1645.65	1645.496	1284.496	107.2282	121.0463	106.3786	101.4933	18.64136	18.02626	63.33238	45.52847	17.80391	29.87138	3
1645.655	1645.501	1284.501	103.3459	72.61665	103.0627	102.3665	29.54335	16.04081	54.41585	27.92927	26.48657	29.18714	3
1645.66	1645.506	1284.506	109.2225	108.2636	108.8095	106.414	16.51637	23.6059	59.87774	47.31123	12.56651	29.03241	3
1645.665	1645.511	1284.511	104.526	98.79484	104.0422	104.1248	23.67728	17.29001	59.03271	39.04648	19.98623	28.86497	3
1645.67	1645.517	1284.517	116.7392	118.5956	118.3205	120.2793	0	67.7041	32.2959	32.2959	0	-9999	3
1645.675	1645.522	1284.522	117.3292	127.8833	118.0963	116.3144	0	56.36688	43.63312	43.63312	0	-9999	3
1645.68	1645.527	1284.527	112.2905	105.2698	111.9955	108.9865	13.50372	28.89239	57.60388	34.81773	22.78616	28.76412	3
1645.685	1645.532	1284.532	110.9099	113.9865	110.0367	108.007	17.14558	20.89294	61.96148	48.85461	13.10687	29.17801	3
1645.69	1645.537	1284.537	111.5707	98.98979	111.4173	108.9865	14.58829	29.11667	56.29504	44.34713	11.94791	28.56986	3
1645.695	1645.543	1284.543	110.4615	96.45551	110.9571	109.7063	11.19221	34.82748	53.9803	34.46168	19.51862	28.09753	3
1645.7	1645.548	1284.548	114.1786	82.48917	114.568	111.6651	11.97543	39.79947	48.2251	43.11618	5.10892	27.57362	3
1645.705	1645.553	1284.553	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1646.01	1645.872	1284.872	87.36842	29.90998	86.3182	84.71336	60.52206	0	39.47794	21.86292	17.61502	33.38068	3
1646.015	1645.877	1284.877	86.4834	45.90932	85.52758	85.25618	56.73282	1.075661	42.19152	19.17158	23.01994	32.18409	3
1646.02	1645.883	1284.883	84.59536	56.78441	83.87555	83.72214	54.00901	1.985011	44.00598	19.40433	24.60166	31.41431	3
1646.025	1645.888	1284.888	86.6368	86.17918	86.2592	82.73092	42.36524	5.793028	51.84173	22.33726	29.50447	30.27119	3
1646.03	1645.893	1284.893	86.73121	74.46861	86.05859	85.38598	47.39864	4.032003	48.56935	23.20732	25.36204	30.44098	3
1646.035	1645.898	1284.898	86.6604	70.7786	85.58658	83.75754	51.46613	2.415298	46.11857	24.17967	21.93891	31.25485	3
1646.04	1645.903	1284.903	90.16508	74.9699	89.55146	87.53362	43.66091	5.616065	50.72302	25.06144	25.66159	30.43074	3
1646.045	1645.909	1284.909	91.0973	72.71412	90.54268	88.66645	42.89191	6.122141	50.98595	27.39037	23.59558	30.38668	3
1646.05	1645.914	1284.914	91.5457	99.46322	91.3097	91.02649	33.53689	9.530989	56.93212	34.50027	22.43185	29.12838	3
1646.055	1645.919	1284.919	92.99713	164.2125	92.60773	95.42798	17.72113	13.99089	68.28798	41.75591	26.53207	28.14593	3
1646.06	1645.924	1284.924	90.66069	107.2331	90.54268	92.59593	31.55627	10.08672	58.35701	38.35683	20.00018	28.51604	3
1646.065	1645.93	1284.93	90.80229	99.08726	89.91727	90.49548	39.34167	6.39659	54.26174	35.10821	19.15353	29.32572	3
1646.07	1645.935	1284.935	93.42194	103.6406	93.13874	91.91151	31.16563	10.64844	58.18593	41.93504	16.25089	29.22919	3
1646.075	1645.94	1284.94	95.68759	127.3402	94.60197	92.39532	29.56466	9.387843	61.0475	30.45096	30.59653	29.33372	3
1646.08	1645.945	1284.945	95.26278	123.2325	94.50757	90.51908	28.3889	10.62202	60.98908	37.24873	23.74035	29.61336	3
1646.085	1645.951	1284.951	91.4277	99.85311	90.77869	90.17688	36.75191	7.701012	55.54707	22.90967	32.6374	29.37168	3
1646.09	1645.956	1284.956	92.65493	115.6714	91.82891	90.43648	33.16661	8.530893	58.30249	39.90811	18.39438	29.23815	3
1646.095	1645.961	1284.961	93.84675	182.9828	92.97353	92.94993	16.14659	13.38348	70.46993	44.1601	26.30983	28.68024	3
1646.1	1645.966	1284.966	90.87309	118.3589	89.66947	87.74603	37.082	6.419554	56.49844	21.31472	35.18373	29.43209	3
1646.105	1645.971	1284.971	90.99109	156.1919	90.64889	81.7161	21.14185	12.60985	66.2483	40.94955	25.29875	30.14337	3
1646.11	1645.977	1284.977	92.37172	149.2714	91.69911	86.4244	24.10709	11.36363	64.52928	33.59472	30.93456	29.51347	3
1646.115	1645.982	1284.982	92.73753	123.7198	91.5457	87.26222	33.97792	7.462355	58.55973	41.83123	16.7285	29.7575	3
1646.12	1645.987	1284.987	97.13902	111.0345	96.4192	91.98231	29.34031	11.01352	59.64618	31.10613	28.54005	29.85512	3
1646.125	1645.992	1284.992	104.0658	185.9487	102.6733	100.1953	10.05123	15.51128	74.4375	50.05359	24.38391	30.07449	3
1646.13	1645.998	1284.998	101.2809	232.5543	99.03886	94.22436	7.919288	11.59756	80.48316	64.87443	15.60873	-9999	3
1646.135	1646.003	1285.003	99.15686	207.3647	98.16564	91.2153	6.27538	17.04027	76.68435	63.21851	13.46584	-9999	3
1646.14	1646.008	1285.008	95.54599	130.5986	95.42798	91.69911	21.40736	14.66547	63.92717	41.67967	22.2475	29.47674	3
1646.145	1646.013	1285.013	92.13572	194.6377	92.07672	87.26222	8.590083	17.08692	74.323	64.55309	9.769909	30.08611	3
1646.15	1646.019	1285.019	91.1445	230.9808	89.84647	80.14667	10.30941	13.72141	75.96917	54.74816	21.22102	30.42795	3
1646.155	1646.024	1285.024	91.89971	247.9688	90.82589	82.88433	3.76594	16.06404	80.17002	76.14428	4.025745	-9999	3
1646.16	1646.029	1285.029	93.92935	164.6581	91.76991	87.95843	30.47344	6.187018	63.33955	43.65874	19.6808	29.30255	3
1646.165	1646.034	1285.034	95.12118	131.1138	93.95295	92.33632	29.81272	8.98031	61.20697	27.19688	34.01009	29.18155	3
1646.17	1646.039	1285.039	99.60527	155.6489	98.41345	93.38654	19.93276	12.53115	67.53608	36.42935	31.10673	29.88108	3
1646.175	1646.045	1285.045	93.84675	164.4492	92.37172	87.19142	25.29577	9.290285	65.41395	42.51244	22.90151	29.47007	3
1646.18	1646.05	1285.05	91.75811	143.9522	90.64889	85.90519	29.34258	8.840006	61.81742	36.29032	25.5271	29.43907	3
1646.185	1646.055	1285.055	89.87007	151.9171	88.39504	84.41836	31.98709	7.328229	60.68469	43.0173	17.66739	29.14239	3
1646.19	1646.06	1285.06	92.60773	168.2088	91.58111	87.88763	22.05067	11.15505	66.79428	43.06818	23.72609	29.12823	3
1646.195	1646.066	1285.066	96.0652	191.6439	95.48699	94.16536	9.723339	16.61955	73.65711	66.61708	7.040027	29.47358	3
1646.2	1646.071	1285.071	95.85279	199.6644	95.77019	96.077	4.136798	19.73653	76.12667	76.12667	0	-9999	3
1646.205	1646.076	1285.076	96.372	240.4077	96.0534	94.75537	0	21.53412	78.46588	78.46588	0	-9999	3
1646.21	1646.081	1285.081	98.90906	228.2516	98.56685	95.28638	0	22.36355	77.63645	77.63645	0	-9999	3

1646.215	1646.086	1285.086	99.75867	167.6101	99.52267	99.88848	9.489419	19.62383	70.88675	49.55849	21.32825	29.2768	3
1646.22	1646.092	1285.092	102.1659	182.6347	102.3193	99.71147	0.620881	25.67423	73.70489	73.70489	0	-9999	3
1646.225	1646.097	1285.097	104.2546	279.6472	104.6794	104.29	0	36.89283	63.10717	63.10717	0	-9999	3
1646.23	1646.102	1285.102	102.1069	262.0883	102.7559	99.79407	0	34.80183	65.19817	65.19817	0	-9999	3
1646.235	1646.107	1285.107	99.08606	259.7211	97.90604	92.46612	0	19.3715	80.6285	80.6285	0	-9999	3
1646.24	1646.113	1285.113	96.60801	320.5854	93.33934	85.12637	0	11.58358	88.41642	88.41642	0	-9999	3
1646.245	1646.118	1285.118	93.05614	301.286	87.81683	81.94031	22.08178	2.94338	74.97484	49.5955	25.37933	28.27008	3
1646.25	1646.123	1285.123	95.41618	304.2241	89.89367	80.94909	21.39437	0.792983	77.81265	54.16719	23.64546	29.31055	3
1646.255	1646.128	1285.128	93.82315	286.9854	87.35662	81.7751	34.34785	0	65.65215	29.38061	36.27153	24.3966	3
1646.26	1646.134	1285.134	92.07672	169.5038	88.56024	84.97297	41.52216	0.843688	57.63415	18.14529	39.48886	29.67728	3
1646.265	1646.139	1285.139	91.3451	163.9061	88.22984	87.04981	40.44052	2.061332	57.49815	23.47482	34.02333	29.1043	3
1646.27	1646.144	1285.144	90.95569	132.2974	88.69005	84.72516	41.86356	3.166089	54.97035	31.34726	23.62309	30.05719	3
1646.275	1646.149	1285.149	92.58413	136.8646	90.10608	88.58384	40.90626	2.777079	56.31666	21.45372	34.86295	29.6373	3
1646.28	1646.154	1285.154	93.56355	130.0973	92.23012	91.91151	32.77206	7.536274	59.69167	28.38007	31.31159	28.97086	3
1646.285	1646.16	1285.16	96.59621	129.2479	95.46339	90.89669	28.63288	9.66868	61.69844	41.26489	20.43355	29.78025	3
1646.29	1646.165	1285.165	100.5611	116.0892	99.68787	98.99166	26.15766	12.47146	61.37088	26.50576	34.86512	29.16607	3
1646.295	1646.17	1285.17	102.9447	103.8216	102.9683	101.5169	19.98311	20.17294	59.84396	31.38236	28.46159	29.0078	3
1646.3	1646.175	1285.175	104.2782	116.4512	104.0658	103.1925	17.52903	20.50285	61.96812	43.9248	18.04332	28.96516	3
1646.305	1646.181	1285.181	108.184	120.3362	109.0809	112.4085	4.398985	36.79156	58.80946	50.5553	8.254158	-9999	3
1646.31	1646.186	1285.186	102.6261	197.1441	103.4521	97.64643	0	32.50515	67.49485	67.49485	0	-9999	3
1646.315	1646.191	1285.191	100.4431	197.0745	98.62585	88.31244	13.98393	11.71589	74.30019	61.32355	12.97664	31.13198	3
1646.32	1646.196	1285.196	102.3075	194.4149	100.9269	95.61679	9.528545	15.24456	75.22689	54.11637	21.11052	30.56353	3
1646.325	1646.202	1285.202	99.99468	210.4699	98.60225	92.60773	7.862499	15.14796	76.98954	63.0587	13.93085	-9999	3
1646.33	1646.207	1285.207	97.13902	193.0642	94.08276	88.61924	27.5966	3.991244	68.41215	47.59648	20.81567	29.73147	3
1646.335	1646.212	1285.212	98.24824	115.3512	97.95324	96.67881	23.98293	14.54659	61.47048	44.65693	16.81355	29.11258	3
1646.34	1646.217	1285.217	104.8682	142.3231	103.5466	99.93568	19.32171	13.59007	67.08822	36.4401	30.64813	29.85854	3
1646.345	1646.222	1285.222	103.5938	109.0155	102.9329	101.4461	23.43331	15.72944	60.83726	37.45911	23.37815	29.2302	3
1646.35	1646.228	1285.228	98.44885	134.2747	97.02102	91.91151	27.99827	9.13176	62.86997	30.32705	32.54292	29.97129	3
1646.355	1646.233	1285.233	101.3163	125.9338	100.3487	96.0062	23.81207	12.96629	63.22165	42.45808	20.76356	29.81627	3
1646.36	1646.238	1285.238	107.0866	161.9149	107.3462	106.6264	0.284952	31.2719	68.44314	68.44314	0	-9999	3
1646.365	1646.243	1285.243	112.8805	234.3923	115.5828	116.9162	0	79.8285	20.1715	20.1715	0	-9999	3
1646.37	1646.249	1285.249	106.2134	212.0155	105.2812	94.96778	0	22.54901	77.45099	77.45099	0	-9999	3
1646.375	1646.254	1285.254	107.3934	163.0428	107.4288	104.5024	1.467326	29.55937	68.9733	68.9733	0	-9999	3
1646.38	1646.259	1285.259	110.4261	185.5449	111.0869	114.4854	0	42.72781	57.27219	57.27219	0	-9999	3
1646.385	1646.264	1285.264	112.5855	199.5252	112.8215	116.1728	0	42.47448	57.52552	57.52552	0	-9999	3
1646.39	1646.269	1285.269	111.3229	175.9927	112.4203	117.7658	0	49.30967	50.69033	50.69033	0	-9999	3
1646.395	1646.275	1285.275	100.7145	153.1703	101.3517	96.46641	5.337053	25.67505	68.9879	56.01207	12.97583	-9999	3
1646.4	1646.28	1285.28	92.26552	130.0137	92.63133	90.17688	20.81739	14.78352	64.39909	38.91731	25.48178	29.19375	3
1646.405	1646.285	1285.285	96.67881	160.3554	96.44281	95.74659	14.07853	16.80632	69.11515	59.66111	9.454038	29.12172	3
1646.41	1646.29	1285.29	104.5614	264.0099	106.2252	111.1813	0	47.41226	52.58774	52.58774	0	-9999	3
1646.415	1646.296	1285.296	93.88215	242.9559	94.61377	90.84949	0	25.47269	74.52731	74.52731	0	-9999	3
1646.42	1646.301	1285.301	88.39504	190.6552	88.02923	82.69552	15.373	13.62225	71.00474	56.39012	14.61462	29.37317	3
1646.425	1646.306	1285.306	81.5391	137.7279	79.48586	76.9134	47.56649	3.209036	49.22447	31.14115	18.08333	29.40141	3
1646.43	1646.311	1285.311	81.7987	119.4171	79.48586	76.9134	53.77081	1.359834	44.86935	23.95092	20.91843	30.53863	3
1646.435	1646.317	1285.317	95.13298	120.9767	94.80257	97.49303	25.76195	12.61117	61.62688	44.90881	16.71807	28.31841	3
1646.44	1646.322	1285.322	100.7617	184.0271	99.56987	103.4049	12.00131	15.04342	72.95527	57.36608	15.58919	28.59235	6
1646.445	1646.327	1285.327	102.9801	211.5003	101.5641	108.7741	5.049417	16.48301	78.46757	76.06116	2.406418	-9999	6
1646.45	1646.332	1285.332	103.1571	155.2033	102.2957	99.54627	14.21222	16.95312	68.83466	53.90241	14.93224	29.68231	6
1646.455	1646.337	1285.337	109.0691	89.79957	109.4703	108.6797	14.8156	30.9008	54.28359	43.40971	10.87388	28.15064	6
1646.46	1646.343	1285.343	110.5677	80.53973	110.2845	108.1958	20.98195	24.89904	54.11901	34.10433	20.01468	28.62162	6
1646.465	1646.348	1285.348	111.1105	74.34329	110.9099	108.7859	21.34194	26.20524	52.45282	24.61202	27.8408	28.47152	6
1646.47	1646.353	1285.353	107.5586	76.98896	108.125	108.0542	18.02504	29.32981	52.64516	25.16132	27.48384	28.03108	6
1646.475	1646.358	1285.358	104.2782	119.5285	105.7414	108.3374	3.79815	35.3011	60.90075	60.90075	0	-9999	6
1646.48	1646.364	1285.364	103.6528	166.1062	105.5762	109.8361	0	41.45619	58.54381	58.54381	0	-9999	6
1646.485	1646.369	1285.369	106.0364	161.2465	108.3138	108.8921	0	49.59128	50.40872	50.40872	0	-9999	6
1646.49	1646.374	1285.374	110.7329	107.3306	112.3377	110.6975	0	49.6793	50.3207	50.3207	0	-9999	6
1646.495	1646.379	1285.379	114.214	66.09995	114.6152	113.9662	15.8176	38.9349	45.2475	28.23407	17.01343	26.92853	6
1646.5	1646.385	1285.385	114.1668	57.87052	114.1668	113.9544	20.96191	32.67339	46.3647	17.05274	29.31196	27.30445	6
1646.505	1646.39	1285.39	114.5444	54.89066	114.4854	113.8954	21.79289	32.34254	45.86457	19.80963	26.05494	27.36664	6
1646.51	1646.395	1285.395	116.3262	64.9999	116.456	116.1728	16.24394	39.35347	44.4026	35.10997	9.292629	26.64188	6
1646.515	1646.4	1285.4	117.046	73.36857	117.4236	117.223	11.636	45.50209	42.86191	33.86121	9.000709	26.20809	6
1646.52	1646.405	1285.405	115.9722	75.31801	116.3852	117.4236	11.8778	43.64238	44.47982	37.25143	7.228393	26.26726	6
1646.525	1646.411	1285.411	114.7922	71.15456	115.1462	115.9368	14.42823	39.83543	45.73634	24.84543	20.8909	26.62376	6
1646.53	1646.416	1285.416	113.9072	101.8025	114.7214	115.1344	4.259012	46.51176	49.22923	49.22923	0	-9999	6
1646.535	1646.421	1285.421	114.3438	91.66546	114.6506	115.9722	10.24294	39.59614	50.16092	44.15658	6.004345	26.97648	6
1646.54	1646.426	1285.426	115.335	81.83471	115.3468	116.2554	13.99635	36.67565	49.328	38.63279	10.69521	26.97626	6
1646.545	1646.432	1285.432	116.1138	74.20405	116.456	116.2436	12.56581	42.7979	44.63629	20.72305	23.91324	26.5238	6
1646.55	1646.437	1285.437	116.6802	72.22676	116.9634	117.046	12.98048	43.03971	43.97982	37.34157	6.638249	26.35901	6
1646.555	1646.442	1285.442	116.5976	84.87027	117.223	117.3528	7.344635	49.17124	43.48413	37.30373	6.180392	-9999	6
1646.56	1646.447	1285.447	117.99	74.58001	118.6037	121.3177	8.645295	51.98193	39.37277	31.55118	7.821599	25.10614	6
1646.565	1646.452	1285.452	111.9011	101.4544	111.9365	113.4824	12.22464	32.11513	55.66024	38.15636	17.50388	27.69644	6
1646.57	1646.458	1285.458	100.1481	114.2093	98.94446	95.93539	29.5532	9.933515	60.51329	29.39899	31.1143	29.76172	6
1646.575	1646.463	1285.463	103.7472	96.55299	103.1335	100.4903	25.94229	15.3899	58.6678	26.19249	32.47531	29.48187	6

1646.58	1646.468	1285.468	113.0929	81.76509	113.3526	114.2494	14.1554	35.78981	50.05479	38.13617	11.91862	27.19198	6
1646.585	1646.473	1285.473	115.6182	122.2717	116.869	120.2793	0	58.9869	41.0131	41.0131	0	-9999	6
1646.59	1646.479	1285.479	113.0221	146.4865	112.8451	112.9867	1.94167	34.30775	63.75058	63.75058	0	-9999	6
1646.595	1646.484	1285.484	112.1607	177.5661	113.4352	114.9456	0	53.70952	46.29048	46.29048	0	-9999	6
1646.6	1646.489	1285.489	110.1901	240.9369	112.7035	116.6684	0	68.76801	31.23199	31.23199	0	-9999	6
1646.605	1646.494	1285.494	111.6179	210.3585	113.1047	119.7129	0	57.3631	42.6369	42.6369	0	-9999	6
1646.61	1646.5	1285.5	115.3822	112.1764	115.2052	115.4766	8.073481	36.05231	55.87421	46.27944	9.59477	27.77684	6
1646.615	1646.505	1285.505	117.1168	133.662	117.636	118.3323	0	52.06564	47.93436	47.93436	0	-9999	6
1646.62	1646.51	1285.51	119.4061	102.5406	119.0993	119.5123	7.709344	41.22676	51.06389	36.0814	14.98249	-9999	6
1646.625	1646.515	1285.515	121.5419	102.7912	122.2853	123.9964	0	67.25057	32.74943	32.74943	0	-9999	6
1646.63	1646.52	1285.52	124.9286	83.63098	125.2708	125.2	2.174894	68.79476	29.03035	29.03035	0	-9999	6
1646.635	1646.526	1285.526	123.9728	91.70723	124.2324	126.0378	1.739959	64.12561	34.13443	34.13443	0	-9999	6
1646.64	1646.531	1285.531	111.9601	414.256	113.9662	107.9362	0	79.02814	20.97186	20.97186	0	-9999	6
1646.645	1646.536	1285.536	104.2192	412.9193	98.29544	102.4609	0	0	100	100	0	-9999	3
1646.65	1646.541	1285.541	101.0449	392.7704	93.36294	89.91727	11.52343	0	88.47657	52.15096	36.32562	18.42534	3
1646.655	1646.547	1285.547	97.88243	228.4048	94.75537	90.60169	18.90896	5.965609	75.12544	42.80517	32.32026	29.47772	3
1646.66	1646.552	1285.552	94.73177	103.6824	93.59895	87.23862	36.53502	7.146875	56.31811	33.22854	23.08956	30.57336	3
1646.665	1646.557	1285.557	100.9741	133.4531	99.86488	99.71147	23.40466	12.30083	64.29451	45.25107	19.04344	29.0432	3
1646.67	1646.562	1285.562	103.6882	188.5248	102.9329	106.3196	4.83682	20.42736	74.73582	74.73582	0	-9999	3
1646.675	1646.568	1285.568	105.2812	231.1479	103.9242	104.2664	0	19.54208	80.45792	80.45792	0	-9999	3
1646.68	1646.573	1285.573	112.9041	288.7399	110.3081	103.6646	0	14.3902	85.6098	85.6098	0	-9999	3
1646.685	1646.578	1285.578	111.1459	303.305	107.8064	103.6764	0	7.506227	92.49377	92.49377	0	-9999	3
1646.69	1646.583	1285.583	107.3108	208.2141	103.7354	101.1393	18.59614	0.004939	81.39892	41.65218	39.74674	30.75561	3
1646.695	1646.588	1285.588	109.6473	215.9701	106.3668	102.2249	12.28336	2.521464	85.19518	65.37604	19.81914	31.50841	3
1646.7	1646.594	1285.594	113.86	262.0744	110.8863	108.3965	0	8.256909	91.74309	91.74309	0	-9999	3
1646.705	1646.599	1285.599	116.6212	292.9173	112.9159	112.7271	0	0.443825	99.55617	99.55617	0	-9999	3
1646.71	1646.604	1285.604	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1647.01	1646.918	1285.918	142.1215	295.7301	144.0686	150.3581	0	100	0	0	0	-9999	3
1647.015	1646.923	1285.923	119.5005	320.4462	114.0842	111.7359	0	0	100	100	0	-9999	3
1647.02	1646.928	1285.928	110.9217	113.3182	110.4969	108.3611	13.8213	25.96582	60.21288	52.13904	8.073835	28.90333	3
1647.025	1646.934	1285.934	107.0748	106.1888	106.945	107.0394	16.79945	23.70285	59.49771	46.85236	12.64535	28.55993	3
1647.03	1646.939	1285.939	104.467	95.34155	103.9714	104.6558	24.65871	16.90398	58.4373	26.67137	31.76594	28.76723	3
1647.035	1646.944	1285.944	102.9447	83.39426	102.3665	101.7175	29.59057	14.10936	56.30007	25.00067	31.29941	29.26998	3
1647.04	1646.949	1285.949	102.8739	56.33882	102.7795	103.6646	32.4536	15.96662	51.57978	23.13105	28.44873	29.03134	3
1647.045	1646.954	1285.954	102.5553	92.25029	101.0213	101.8591	35.21327	7.370655	57.41608	28.75672	28.65936	29.65303	3
1647.05	1646.96	1285.96	102.4845	127.6605	101.4697	98.13024	22.68526	13.48619	63.82855	33.83521	29.99334	29.64974	3
1647.055	1646.965	1285.965	105.47	146.0966	103.8652	100.1953	20.04968	11.85365	68.09667	45.5098	22.58687	29.9805	3
1647.06	1646.97	1285.97	106.001	201.5164	106.9922	93.07974	0	39.38951	60.61049	60.61049	0	-9999	3
1647.065	1646.975	1285.975	106.0246	182.4258	106.3196	98.92086	0	31.5211	68.4789	68.4789	0	-9999	3
1647.07	1646.981	1285.981	106.3904	156.4426	106.532	104.8682	3.164298	28.81524	68.02047	68.02047	0	-9999	3
1647.075	1646.986	1285.986	110.9099	142.88	112.3023	116.2436	0	49.83631	50.16369	50.16369	0	-9999	3
1647.08	1646.991	1285.991	111.4763	130.5986	113.1755	114.7214	0	54.39963	45.60037	45.60037	0	-9999	3
1647.085	1646.996	1285.996	114.6978	102.6798	116.338	115.807	0	60.969	39.031	39.031	0	-9999	3
1647.09	1647.001	1286.001	98.82645	177.3155	97.90604	94.05916	13.30256	15.26461	71.43284	47.94862	23.48421	29.81584	3
1647.095	1647.007	1286.007	90.33028	133.6063	87.88763	84.97297	43.49396	2.524643	53.98139	30.74485	23.23655	29.9393	3
1647.1	1647.012	1286.012	87.22682	97.34669	86.2238	84.60716	43.96684	4.612366	51.42079	20.95943	30.46136	29.94473	3
1647.105	1647.017	1286.017	87.69883	80.37263	87.20322	88.02923	43.70788	5.410877	50.88124	26.06517	24.81607	29.71408	3
1647.11	1647.022	1286.022	90.09427	110.3383	89.59866	89.26826	34.25237	8.449667	57.29796	38.47079	18.82717	29.00192	3
1647.115	1647.028	1286.028	92.84373	121.7147	92.27732	93.71695	29.5185	10.21578	60.26572	43.38154	16.88418	28.52949	3
1647.12	1647.033	1286.033	96.2894	108.1382	96.52541	99.74687	23.41526	15.68304	60.9017	32.10651	28.79519	28.23849	3
1647.125	1647.038	1286.038	96.64341	122.4945	96.63161	96.2186	21.53585	15.50936	62.95479	36.02652	26.92826	28.89105	3
1647.13	1647.043	1286.043	99.09786	117.05	100.0065	100.2425	13.46208	23.26182	63.27609	41.98697	21.28913	28.88938	3
1647.135	1647.049	1286.049	100.6673	90.87176	101.7057	101.7765	17.34736	24.36165	58.29099	44.79136	13.49963	28.62641	3
1647.14	1647.054	1286.054	98.93266	89.06157	98.94446	98.77925	27.33761	15.25334	57.40906	42.12408	15.28498	28.98715	3
1647.145	1647.059	1286.059	95.60499	154.4653	93.66975	90.66069	29.66092	6.874245	63.46483	33.72615	29.73868	29.34528	3
1647.15	1647.064	1286.064	102.7795	139.5938	103.3931	102.2721	6.905621	27.10631	65.98807	57.87961	8.10846	-9999	3
1647.155	1647.069	1286.069	101.6821	159.2832	102.2013	99.18046	3.882043	26.34441	69.77354	69.77354	0	-9999	3
1647.16	1647.075	1286.075	96.83221	260.5984	96.63161	88.37144	0	23.88398	76.11602	76.11602	0	-9999	3
1647.165	1647.08	1286.08	98.73205	219.8551	97.54023	94.43676	5.198224	16.43679	78.36498	70.07444	8.290541	-9999	3
1647.17	1647.085	1286.085	101.9299	252.9816	101.1393	99.06246	0	23.20123	76.79877	76.79877	0	-9999	3
1647.175	1647.09	1286.09	101.7529	284.8411	102.1305	87.93483	0	33.82638	66.17362	66.17362	0	-9999	3
1647.18	1647.096	1286.096	98.72025	349.1447	98.18924	85.16177	0	29.20291	70.79709	70.79709	0	-9999	3
1647.185	1647.101	1286.101	101.3163	204.8026	101.3045	94.80257	0	25.07652	74.92348	74.92348	0	-9999	3
1647.19	1647.106	1286.106	100.9505	227.249	97.59923	95.88819	18.10361	4.284731	77.61166	43.25086	34.3608	29.51573	3
1647.195	1647.111	1286.111	102.4255	360.5072	98.60225	94.89697	0	10.01184	89.98816	89.98816	0	-9999	3
1647.2	1647.116	1286.116	92.28912	122.4945	90.99109	89.40986	35.51006	6.759655	57.73029	22.43345	35.29684	29.31726	3
1647.205	1647.122	1286.122	84.35936	133.1885	82.44772	79.58026	44.97297	3.591886	51.43514	29.07708	22.35806	29.51749	3
1647.21	1647.127	1286.127	84.53636	292.5274	81.5509	73.25533	14.57224	11.38286	74.0449	46.15193	27.89297	28.20435	3
1647.215	1647.132	1286.132	87.25042	195.9327	86.448	84.25315	18.53264	11.96456	69.50279	36.38526	33.11753	28.4034	3
1647.22	1647.137	1286.137	83.17933	200.4024	81.13789	71.49709	30.7988	7.634308	61.56689	35.54493	26.02197	28.90616	3
1647.225	1647.143	1286.143	76.06379	107.2888	73.66834	71.24929	62.62215	0.06615	37.3117	11.05387	26.25783	31.72434	3
1647.23	1647.148	1286.148	77.75122	49.20944	77.31461	74.74216	59.94391	0.307022	39.74907	27.2084	12.54066	32.58975	3
1647.235	1647.153	1286.153	75.59178	99.51892	73.68014	69.04264	61.18719	0.395809	38.417	21.51429	16.90271	31.99209	3

1647.24	1647.158	1286.158	79.50946	158.5452	77.23201	71.8157	46.13358	3.937647	49.92877	20.94122	28.98756	29.20025	3
1647.245	1647.164	1286.164	97.57563	414.1307	92.65493	84.57176	0	9.670137	90.32986	90.32986	0	-9999	3
1647.25	1647.169	1286.169	100.4549	511.1711	95.67579	84.71336	0	15.40234	84.59766	84.59766	0	-9999	3
1647.255	1647.174	1286.174	93.71695	265.653	91.67551	81.5391	5.313558	13.50032	81.18612	65.35694	15.82918	-9999	3
1647.26	1647.179	1286.179	100.8679	376.8268	97.37502	90.24768	0	13.54484	86.45516	86.45516	0	-9999	3
1647.265	1647.184	1286.184	83.98175	138.633	82.68372	81.29129	39.2473	5.642604	55.1101	26.20148	28.90861	28.69601	3
1647.27	1647.19	1286.19	87.85223	242.385	83.48614	77.45622	34.35597	3.668577	61.97546	25.16644	36.80901	28.11442	3
1647.275	1647.195	1286.195	94.30696	184.612	93.76415	89.11485	12.76828	15.33803	71.89369	46.10767	25.78601	29.77347	3
1647.28	1647.2	1286.2	97.10362	134.0936	96.372	95.30998	23.88403	12.48256	63.63341	48.08719	15.54622	29.02048	3
1647.285	1647.205	1286.205	81.7751	58.55283	81.30309	79.94607	54.2552	1.953981	43.79082	14.81569	28.97513	31.46944	3
1647.29	1647.211	1286.211	82.23531	43.1801	81.6099	79.96967	58.74088	0.637761	40.62136	27.98577	12.63559	32.57725	3
1647.295	1647.216	1286.216	80.24107	101.6772	79.69826	80.52428	45.77911	4.246667	49.97422	17.37185	32.60238	29.16177	3
1647.3	1647.221	1286.221	83.28553	124.6528	82.76632	74.87196	37.23522	6.750541	56.01424	31.44066	24.57358	29.98002	3
1647.305	1647.226	1286.226	87.42742	137.6583	86.6368	83.23833	32.38074	8.132151	59.48711	29.61535	29.87177	29.04326	3
1647.31	1647.232	1286.232	90.97929	185.2804	88.87885	84.54816	27.73964	7.387797	64.87256	28.15163	36.72094	28.86847	3
1647.315	1647.237	1286.237	93.22134	159.6731	91.3097	84.72516	30.41069	6.830088	62.75922	43.34926	19.40997	29.77369	3
1647.32	1647.242	1286.242	89.19746	215.5663	88.71365	81.4329	9.520821	15.20353	75.27565	63.1808	12.09485	30.10998	3
1647.325	1647.247	1286.247	93.23314	227.1794	92.97353	90.44828	1.260039	18.9909	79.74907	79.74907	0	-9999	3
1647.33	1647.252	1286.252	91.73451	123.5806	90.30668	88.00563	36.76343	6.109059	57.12751	26.20383	30.92368	29.48046	3
1647.335	1647.258	1286.258	89.23286	135.5975	88.97325	86.566	27.10312	10.69606	62.20082	45.49838	16.70245	28.92955	3
1647.34	1647.263	1286.263	87.62802	127.0199	87.33302	80.73668	30.92969	9.253104	59.81721	25.72574	34.09147	29.75152	3
1647.345	1647.268	1286.268	88.85525	150.455	88.38324	82.84893	25.50113	10.70668	63.79219	33.43525	30.35693	29.34416	3
1647.35	1647.273	1286.273	89.39806	140.4989	87.86403	81.5627	35.64179	6.21975	58.13846	33.0704	25.06806	29.79537	3
1647.355	1647.279	1286.279	85.57478	109.099	83.00233	78.64804	54.80575	0.172448	45.02181	10.33671	34.68509	31.56337	3
1647.36	1647.284	1286.284	94.23616	75.875	93.77595	92.20652	38.50761	8.371207	53.12119	28.2113	24.90988	29.97793	3
1647.365	1647.289	1286.289	88.21804	93.04399	88.96145	88.59564	30.56129	11.18907	58.24964	31.58619	26.66345	29.00455	3
1647.37	1647.294	1286.294	85.61018	74.98382	84.50096	83.14393	51.68902	2.29954	46.01144	23.17776	22.83367	31.05688	3
1647.375	1647.299	1286.299	85.07917	94.33898	82.71912	79.54486	57.18751	0	42.81249	8.361719	34.45078	31.61389	3
1647.38	1647.305	1286.305	90.71969	290.3413	86.4362	83.67494	19.47233	6.467238	74.06043	56.67149	17.38894	27.56378	3
1647.385	1647.31	1286.31	117.5652	663.2831	118.5801	113.2228	0	97.41579	2.584213	2.584213	0	-9999	3
1647.39	1647.315	1286.315	107.8064	407.6558	104.2428	97.90604	0	13.41482	86.58518	86.58518	0	-9999	3
1647.395	1647.32	1286.32	93.89395	154.8273	91.2389	87.60442	36.72602	3.312176	59.9618	32.22401	27.73779	29.65567	3
1647.4	1647.326	1286.326	92.80833	133.3974	90.73149	86.4952	38.42969	4.262715	57.30759	20.01921	37.28838	29.96418	3
1647.405	1647.331	1286.331	94.46036	231.9834	90.76689	84.00535	25.58093	3.968936	70.45014	38.90236	31.54778	29.29227	3
1647.41	1647.336	1286.336	98.99166	202.519	96.63161	90.51908	18.20846	8.467093	73.32445	49.82211	23.50234	30.05782	3
1647.415	1647.341	1286.341	98.20104	164.8669	97.30422	94.12996	16.70759	14.21698	69.07543	38.6841	30.39133	29.51062	3
1647.42	1647.347	1286.347	99.47547	260.292	96.46641	90.62529	8.812127	8.669322	82.51855	72.87938	9.63917	30.5515	3
1647.425	1647.352	1286.352	94.41316	135.0962	92.63133	88.30064	34.25584	6.029711	59.71445	42.04506	17.66939	29.81722	3
1647.43	1647.357	1286.357	95.20378	106.1609	93.41014	90.38928	40.62226	4.216756	55.16098	36.4345	18.72648	30.36497	3
1647.435	1647.362	1286.362	101.8119	132.1303	100.7971	98.29544	22.22237	13.3623	64.41532	44.3613	20.05403	29.47073	3
1647.44	1647.367	1286.367	104.703	124.3604	104.939	104.1956	11.74902	25.34663	62.90435	42.33607	20.56828	28.96922	3
1647.445	1647.373	1286.373	112.5855	220.4678	114.7922	119.8073	0	70.67241	29.32759	29.32759	0	-9999	3
1647.45	1647.378	1286.378	119.8073	244.3902	125.0938	129.5071	0	100	0	0	0	-9999	10
1647.455	1647.383	1286.383	125.6956	174.1268	129.5071	131.8907	0	100	0	0	0	-9999	10
1647.46	1647.388	1286.388	127.2414	131.0302	130.0853	131.5013	0	100	0	0	0	-9999	10
1647.465	1647.394	1286.394	130.3449	100.6329	132.6932	135.301	0	100	0	0	0	-9999	10
1647.47	1647.399	1286.399	130.7225	96.99857	133.3776	133.9794	0	100	0	0	0	-9999	10
1647.475	1647.404	1286.404	129.6959	70.44441	130.8051	132.2447	0	100	0	0	0	-9999	10
1647.48	1647.409	1286.409	129.9319	49.43223	130.6635	131.4895	2.678439	93.58362	3.737943	3.737943	0	-9999	10
1647.485	1647.415	1286.415	128.9761	75.35979	129.9437	129.4127	0	100	0	0	0	-9999	10
1647.49	1647.42	1286.42	130.0145	75.13699	131.3833	134.4868	0	100	0	0	0	-9999	10
1647.495	1647.425	1286.425	132.3155	36.552	132.5869	134.357	6.385756	82.81604	10.7982	0	10.7982	-9999	10
1647.5	1647.43	1286.43	131.5013	34.88105	131.6193	132.2447	9.663046	85.72257	4.61438	0	4.61438	18.6324	10
1647.505	1647.435	1286.435	132.941	41.21673	133.767	133.3776	1.111419	84.31088	14.57771	14.57771	0	-9999	10
1647.51	1647.441	1286.441	131.1001	45.46373	131.6547	131.4305	3.77854	91.46747	4.753987	4.753987	0	-9999	10
1647.515	1647.446	1286.446	128.7991	44.04342	129.4363	130.8051	5.907945	90.00633	4.085727	4.085727	0	-9999	10
1647.52	1647.451	1286.451	124.8578	34.89498	125.6012	127.1706	10.92478	74.98626	14.08896	0	14.08896	21.08899	10
1647.525	1647.456	1286.456	118.2025	36.10642	119.0757	120.4563	15.74855	54.53206	29.71939	11.67406	18.04533	24.29965	10
1647.53	1647.462	1286.462	113.919	44.23837	114.8158	115.9722	17.53853	43.83216	38.62931	27.46672	11.16259	25.92614	10
1647.535	1647.467	1286.467	107.24	91.87433	108.0778	109.5175	12.6125	32.57696	54.81053	43.06652	11.74402	27.82196	10
1647.54	1647.472	1286.472	108.1368	76.20918	109.3287	110.3553	12.83484	36.90698	50.25818	26.27951	23.97867	27.42881	10
1647.545	1647.477	1286.477	108.2312	56.96543	108.5263	109.2343	24.35532	26.22624	49.41844	19.90434	29.5141	27.97065	10
1647.55	1647.482	1286.482	81.6925	99.3379	80.31187	78.91945	51.503	2.316061	46.18094	32.91121	13.26974	30.35239	3
1647.555	1647.488	1286.488	77.20841	98.00114	75.46197	73.65654	58.78686	0.763257	40.44988	12.57928	27.8706	31.20658	3
1647.56	1647.493	1286.493	73.92794	50.4905	74.06955	73.30253	58.67017	0.587807	40.74202	18.61007	22.13196	31.78273	3
1647.565	1647.498	1286.498	74.27015	48.49929	74.30555	74.69496	59.66028	0.342054	39.99767	24.97241	15.02526	31.80027	3
1647.57	1647.503	1286.503	77.79842	50.75507	77.68042	77.33821	57.05724	1.128509	41.81425	23.25912	18.55513	31.64629	3
1647.575	1647.509	1286.509	82.84893	63.62137	82.32972	80.38268	52.4065	2.494093	45.09941	26.31739	18.78202	31.27468	3
1647.58	1647.514	1286.514	90.86129	87.2096	90.74329	88.41864	36.21741	8.84449	54.9381	24.98006	29.95804	29.72633	3
1647.585	1647.519	1286.519	90.09427	184.0132	88.78445	83.07313	22.73323	10.19161	67.07517	33.75686	33.31831	29.15024	3
1647.59	1647.524	1286.524	84.54816	180.3232	83.60414	81.7043	25.89362	9.632774	64.4736	29.04418	35.42942	28.00917	3
1647.595	1647.53	1286.53	81.22049	152.2234	79.50946	76.01659	41.6996	4.98695	53.31345	33.87691	19.43654	28.77552	3
1647.6	1647.535	1286.535	76.14639	72.64449	75.96938	76.42959	53.73713	2.032884	44.22998	14.73991	29.49007	30.46317	3

1647.605	1647.54	1286.54	76.12279	65.98855	75.78058	75.73338	56.64991	1.240907	42.10918	11.09428	31.0149	31.12127	3
1647.61	1647.545	1286.545	80.86649	59.80604	80.31187	79.74546	55.42801	1.56132	43.01067	14.65093	28.35974	31.42926	3
1647.615	1647.55	1286.55	83.60414	60.65544	83.16753	82.47132	51.78929	2.7745	45.43621	17.01572	28.42048	31.04495	3
1647.62	1647.556	1286.556	86.15299	82.68411	86.08219	85.45678	41.2784	6.400676	52.32092	35.83026	16.49066	29.65254	3
1647.625	1647.561	1286.561	87.94663	104.5735	87.20322	85.97599	39.54377	6.248202	54.20803	37.05522	17.15281	29.43422	3
1647.63	1647.566	1286.566	86.212	98.30748	85.31518	82.05831	43.8449	4.724566	51.43054	24.90657	26.52396	30.15276	3
1647.635	1647.571	1286.571	86.6486	158.573	84.97297	83.02593	34.89478	6.374787	58.73044	41.20845	17.52198	28.49993	3
1647.64	1647.577	1286.577	89.52786	204.176	88.11183	85.25618	19.198	10.99112	69.81088	42.79653	27.01435	28.52684	3
1647.645	1647.582	1286.582	90.61349	141.1952	89.36266	86.4952	32.16026	7.688946	60.15079	40.263	19.88779	29.09937	3
1647.65	1647.587	1286.587	89.66947	128.9694	89.20926	86.97901	29.86012	9.658552	60.48133	29.45923	31.0221	28.99876	3
1647.655	1647.592	1286.592	90.40108	120.1412	90.03527	88.79625	30.59184	9.786042	59.62212	33.38109	26.24103	28.95162	3
1647.66	1647.598	1286.598	92.33632	138.0482	91.56931	90.58989	27.58729	10.16676	62.24595	35.58581	26.66014	28.78829	3
1647.665	1647.603	1286.603	94.40136	127.2706	93.92935	91.84071	26.00934	11.87436	62.1163	30.40308	31.71322	29.13971	3
1647.67	1647.608	1286.608	96.72601	176.3408	95.23918	89.71667	19.86054	10.98805	69.15141	44.80291	24.3485	29.74476	3
1647.675	1647.613	1286.613	98.79105	166.0784	98.15384	96.0062	13.85967	16.23286	69.90747	52.09787	17.8096	29.45481	3
1647.68	1647.618	1286.618	98.04764	154.0754	97.69363	96.49001	15.25348	16.65449	68.09203	52.3178	15.77422	29.18562	3
1647.685	1647.624	1286.624	98.43705	130.3618	98.75565	97.84703	15.42115	19.56805	65.0108	50.86469	14.14611	29.09294	3
1647.69	1647.629	1286.629	95.9944	175.185	95.88819	92.05312	10.11344	18.05452	71.83204	63.58609	8.24595	29.92688	3
1647.695	1647.634	1286.634	97.08002	151.9867	97.20982	96.4192	12.89963	18.67251	68.42786	43.10012	25.32774	29.20629	3
1647.7	1647.639	1286.639	99.71147	153.1703	99.72327	99.28666	11.10678	20.26532	68.6279	50.91217	17.71573	29.25824	3
1647.705	1647.645	1286.645	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1648.005	1647.958	1286.958	101.0567	105.2001	100.9741	102.5081	22.20956	17.59779	60.19265	27.70737	32.48528	28.5315	3
1648.01	1647.964	1286.964	94.99138	112.3574	94.05916	90.80229	32.64215	8.849182	58.50867	28.16336	30.34531	29.68568	3
1648.015	1647.969	1286.969	96.50181	110.4776	95.54599	95.74659	31.89037	9.320356	58.78927	29.36757	29.4217	29.09287	3
1648.02	1647.974	1286.974	97.58743	143.1307	96.2186	92.60773	26.19036	9.721609	64.08803	43.22725	20.86078	29.54348	3
1648.025	1647.979	1286.979	96.66701	122.0907	94.66097	90.94389	37.06723	4.561561	58.37121	26.9148	31.45641	30.18963	3
1648.03	1647.984	1286.984	95.85279	84.56393	95.34538	95.21558	35.28339	9.64972	55.06689	33.93201	21.13488	29.44213	3
1648.035	1647.99	1286.99	96.63161	156.5957	94.94417	93.71695	26.28037	8.555256	65.16437	33.24986	31.91451	28.99632	3
1648.04	1647.995	1286.995	97.45763	147.4334	96.2658	94.75537	23.89675	10.9559	65.14735	30.68757	34.45978	29.0961	3
1648.045	1648	1287	94.48397	136.4469	93.95295	93.84675	24.16994	12.24297	63.58709	41.02189	22.56521	28.71818	3
1648.05	1648.005	1287.005	96.0062	139.6356	95.06218	94.54297	25.19863	11.1099	63.69147	36.38492	27.30656	28.86138	3
1648.055	1648.011	1287.011	92.56053	161.1212	92.20652	91.4277	18.59654	13.70991	67.69356	44.98164	22.71192	28.75251	3
1648.06	1648.016	1287.016	94.62557	150.2601	94.84977	92.98533	14.84396	17.15628	67.99977	40.69766	27.3021	29.26582	3
1648.065	1648.021	1287.021	92.91453	112.803	92.56053	89.55146	29.96387	10.6419	59.39423	24.70593	34.6883	29.41884	3
1648.07	1648.026	1287.026	89.79927	93.03007	89.43346	89.06765	37.7064	7.669205	54.62439	32.6857	21.93869	29.3645	3
1648.075	1648.031	1287.031	93.82315	123.1071	93.46914	91.87611	26.63433	11.84998	61.51569	44.42044	17.09525	29.05221	3
1648.08	1648.037	1287.037	90.51908	128.8441	88.83165	85.96419	38.6198	5.105928	56.27427	39.1503	17.12397	29.56072	3
1648.085	1648.042	1287.042	94.15356	194.4845	93.04434	83.94635	14.90995	13.1573	71.93275	56.89947	15.03329	30.36583	3
1648.09	1648.047	1287.047	99.90028	267.9227	96.96202	85.38598	6.025971	9.578671	84.39536	79.67774	4.717616	-9999	3
1648.095	1648.052	1287.052	98.69665	223.002	97.32782	87.16781	5.841008	15.57259	78.58641	78.58641	0	-9999	3
1648.1	1648.058	1287.058	101.0095	240.0179	98.17744	95.59319	10.93539	8.324935	80.73967	58.92877	21.8109	29.99487	3
1648.105	1648.063	1287.063	105.5998	384.6663	100.5493	94.57837	0	1.693158	98.30684	98.30684	0	-9999	3
1648.11	1648.068	1287.068	100.5729	259.554	96.372	94.70817	17.21773	1.590884	81.19138	47.32025	33.87113	29.43903	3
1648.115	1648.073	1287.073	98.93266	205.1925	95.66399	91.98231	24.65754	3.541149	71.80131	40.8126	30.98871	29.54965	3
1648.12	1648.079	1287.079	97.10362	200.0265	94.54297	91.67551	22.10332	7.001423	70.89526	34.7676	36.12766	29.16581	3
1648.125	1648.084	1287.084	92.12392	127.0478	91.1681	86.566	31.90803	8.499822	59.59215	31.99498	27.59717	29.6359	3
1648.13	1648.089	1287.089	94.96778	209.718	92.00591	87.93483	24.83232	5.652609	69.51507	36.03364	33.48143	29.0436	3
1648.135	1648.094	1287.094	96.4192	167.8329	94.03556	88.97325	29.15206	5.668807	65.17914	27.97281	37.20632	29.71441	3
1648.14	1648.099	1287.099	98.53145	200.1379	95.81739	91.4631	21.95163	6.268854	71.77951	43.74165	28.03786	29.61785	3
1648.145	1648.105	1287.105	101.8119	175.38	100.7263	101.5995	12.30465	15.78063	71.91472	54.89284	17.02188	29.12983	3
1648.15	1648.11	1287.11	103.3341	235.4924	101.0095	100.3959	5.959452	11.6245	82.41605	68.94358	13.47247	-9999	3
1648.155	1648.115	1287.115	101.6349	135.1101	100.7263	99.52267	20.84103	14.20204	64.95694	43.11075	21.84619	29.19733	3
1648.16	1648.12	1287.12	94.56657	86.1374	93.52815	93.59895	40.20127	6.359762	53.43897	23.79791	29.64105	29.80382	3
1648.165	1648.126	1287.126	95.08578	60.00098	94.23616	93.26854	44.58538	5.779898	49.63472	20.70057	28.93415	30.69846	3
1648.17	1648.131	1287.131	105.883	77.81051	106.414	105.3048	19.64216	26.47016	53.88768	38.94964	14.93803	28.4438	9
1648.175	1648.136	1287.136	115.3704	41.57877	115.3704	115.9958	23.79717	33.85433	42.3485	15.19458	27.15392	26.85972	9
1648.18	1648.141	1287.141	104.6794	55.85146	104.6558	103.936	30.36183	18.44629	51.19189	20.34083	30.85106	29.04725	9
1648.185	1648.147	1287.147	96.78501	54.77927	95.47519	92.73753	47.85236	3.760979	48.38666	18.05135	30.3353	31.65707	9
1648.19	1648.152	1287.152	103.1217	85.05129	103.2515	104.1012	23.53961	19.94302	56.51737	28.44912	28.06825	28.53075	9
1648.195	1648.157	1287.157	102.6615	86.31842	102.8621	104.467	23.10765	20.07904	56.81332	24.44087	32.37245	28.38813	9
1648.2	1648.162	1287.162	99.86488	63.37073	100.3133	101.5641	29.31343	17.33035	53.35623	39.0881	14.26813	28.73644	9
1648.205	1648.167	1287.167	96.83221	44.90675	96.67881	97.11542	41.23581	9.596818	49.16738	28.93109	20.23629	30.08614	9
1648.21	1648.173	1287.173	94.10636	41.55092	93.03254	91.80531	51.68895	2.985417	45.32563	18.21993	27.10571	31.94021	9
1648.215	1648.178	1287.178	96.018	32.11006	95.72299	95.81739	46.1791	7.370305	46.45059	21.81969	24.6309	30.87603	9
1648.22	1648.183	1287.183	96.93842	41.46738	96.3484	96.3956	45.35415	6.937063	47.70879	18.10172	29.60707	30.76637	9
1648.225	1648.188	1287.188	98.37805	42.12183	97.88243	97.25702	43.13969	8.464275	48.39603	25.05574	23.34029	30.59554	9
1648.23	1648.194	1287.194	99.71147	42.49779	99.40467	99.88848	40.35873	10.67131	48.96996	17.01624	31.95372	30.01049	9
1648.235	1648.199	1287.199	99.65247	37.83306	99.25126	99.40467	42.27349	9.688977	48.03753	19.78878	28.24876	30.34404	9
1648.24	1648.204	1287.204	101.1275	47.58026	100.5729	99.74687	39.74651	10.42585	49.82764	20.38449	29.44315	30.2191	9
1648.245	1648.209	1287.209	103.0863	77.71304	102.2013	99.75867	33.2129	11.49179	55.29531	24.63634	30.65897	29.92884	9
1648.25	1648.214	1287.214	100.7381	70.87607	99.59347	98.62585	39.03978	7.707897	53.25233	24.63346	28.61887	30.23707	9
1648.255	1648.22	1287.22	97.94144	79.80172	96.077	94.43676	45.03126	2.781335	52.18741	33.58431	18.60309	31.03027	9
1648.26	1648.225	1287.225	93.91755	58.60853	93.23314	93.48094	44.7168	5.932901	49.3503	28.43212	20.91819	30.43975	9

1648.265	1648.23	1287.23	92.34812	70.38871	91.60471	90.15328	43.76713	5.710559	50.52231	23.50045	27.02186	30.47184	9
1648.27	1648.235	1287.235	91.97051	58.91487	91.98231	92.51332	41.03828	8.149779	50.81194	32.96472	17.84722	29.86747	9
1648.275	1648.241	1287.241	94.22436	70.44441	93.39834	90.48368	42.66767	6.190158	51.14217	25.48424	25.65793	30.70525	9
1648.28	1648.246	1287.246	97.61103	49.51578	97.95324	98.96806	35.56293	13.49662	50.94045	37.0168	13.92366	29.31894	9
1648.285	1648.251	1287.251	98.99166	52.37032	98.38985	97.08002	40.9181	8.911147	50.17075	29.36794	20.80281	30.42779	9
1648.29	1648.256	1287.256	97.10362	33.64177	96.46641	94.84977	47.46176	6.239727	46.29851	30.78779	15.51072	31.44131	9
1648.295	1648.262	1287.262	98.01224	63.4125	96.49001	94.17716	46.28021	3.633496	50.0863	23.08565	27.00065	31.38585	9
1648.3	1648.267	1287.267	105.5998	125.5439	105.1868	102.4373	15.66737	20.7467	63.58593	36.32473	27.26119	29.37647	9
1648.305	1648.272	1287.272	105.1632	167.1923	103.995	97.04462	11.84306	16.71798	71.43896	53.39632	18.04264	30.69584	9
1648.31	1648.277	1287.277	104.2664	104.7824	104.6558	109.8833	15.69969	24.80018	59.50014	47.0469	12.45324	27.622	6
1648.315	1648.282	1287.282	102.1305	119.6539	101.8119	103.4403	19.55289	17.82309	62.62402	39.83294	22.79108	28.55279	6
1648.32	1648.288	1287.288	101.6467	134.4	101.9063	107.594	11.94829	22.66506	65.38665	57.65541	7.731242	27.95909	6
1648.325	1648.293	1287.293	96.73781	113.346	95.49879	91.79351	33.17392	8.079656	58.74642	23.2181	35.52832	29.90276	6
1648.33	1648.298	1287.298	98.02404	136.4051	96.44281	90.56628	29.0624	8.227904	62.7097	40.24829	22.4614	30.10913	6
1648.335	1648.303	1287.303	102.4137	108.7788	102.3901	99.79407	19.63781	19.59021	60.77197	30.53452	30.23745	29.24229	6
1648.34	1648.309	1287.309	105.1632	109.7396	105.47	108.7741	14.31515	25.57345	60.1114	39.25831	20.85309	27.99015	6
1648.345	1648.314	1287.314	106.9686	106.147	107.6058	112.4793	10.96289	31.06811	57.969	46.16752	11.80148	27.47419	6
1648.35	1648.319	1287.319	105.5644	101.4405	105.6116	112.3141	17.96635	23.18693	58.84672	39.31978	19.52695	27.32995	6
1648.355	1648.324	1287.324	101.0095	155.3286	99.71147	93.52815	19.54145	12.52369	67.93486	38.8235	29.11136	30.16367	6
1648.36	1648.33	1287.33	98.49605	142.0724	97.51663	84.47736	22.59262	12.3451	65.06228	32.98302	32.07925	31.27211	6
1648.365	1648.335	1287.335	98.47245	163.6277	97.04462	85.62198	20.87313	11.12261	68.00425	47.52344	20.48081	30.96718	6
1648.37	1648.34	1287.34	100.9269	177.9143	103.3105	89.76387	0	41.03759	58.96241	58.96241	0	-9999	6
1648.375	1648.345	1287.345	100.0537	133.7316	100.1599	102.8031	14.7645	19.90929	65.32621	41.10927	24.21694	28.45414	6
1648.38	1648.35	1287.35	97.88243	91.66546	97.95324	96.3956	27.21641	14.90937	57.87422	30.17238	27.70184	29.22444	6
1648.385	1648.356	1287.356	90.44828	109.9902	90.54268	87.93483	29.43834	11.05519	59.50647	34.74804	24.75842	29.26888	6
1648.39	1648.361	1287.361	91.3097	91.62369	90.71969	89.98807	38.39474	7.345151	54.26011	20.02055	34.23956	29.56453	6
1648.395	1648.366	1287.366	96.254	80.20554	96.4192	96.56081	30.75625	13.36465	55.8791	29.16546	26.71363	29.08317	6
1648.4	1648.371	1287.371	100.3841	72.28246	100.7971	101.3281	26.95347	18.23441	54.81212	25.42929	29.38283	28.74216	6
1648.405	1648.377	1287.377	98.82645	79.63463	98.87366	97.05642	29.44227	14.75345	55.80427	26.68302	29.12126	29.3802	6
1648.41	1648.382	1287.382	94.84977	77.16998	95.07398	95.26278	32.32549	12.39195	55.28256	31.195	24.08756	29.1622	6
1648.415	1648.387	1287.387	97.25702	74.21797	97.46943	96.80861	30.91666	14.06383	55.01952	33.85075	21.16877	29.25061	6
1648.42	1648.392	1287.392	97.00922	75.19269	96.80861	96.72601	34.10957	11.49616	54.39427	33.14927	21.245	29.38305	6
1648.425	1648.397	1287.397	98.50785	62.20106	98.63765	99.56987	33.31415	13.8266	52.85925	22.21319	30.64606	29.13519	6
1648.43	1648.403	1287.403	94.50757	92.97437	94.92057	93.39834	27.35243	14.19417	58.4534	39.70562	18.74778	29.20013	6
1648.435	1648.408	1287.408	95.40438	80.97139	95.56959	95.959	31.35256	12.75293	55.8945	34.58847	21.30604	29.06172	6
1648.44	1648.413	1287.413	91.58111	78.40927	92.06492	94.22436	33.02081	11.36797	55.61121	29.20711	26.40411	28.7918	6
1648.445	1648.418	1287.418	94.14176	78.52066	94.44856	93.75235	32.00983	12.38047	55.6097	24.54439	31.06531	29.29387	6
1648.45	1648.424	1287.424	95.45159	99.47715	95.10938	93.13874	30.76318	11.29683	57.93999	36.38394	21.55605	29.41226	6
1648.455	1648.429	1287.429	95.62859	93.28071	95.66399	94.63737	29.17341	13.04194	57.78464	37.47249	20.31215	29.18399	3
1648.46	1648.434	1287.434	95.36898	111.7447	95.49879	91.88791	24.21235	14.61037	61.17728	45.72342	15.45386	29.47909	3
1648.465	1648.439	1287.439	93.95295	135.9178	92.74933	90.12968	29.99928	8.675319	61.3254	24.71073	36.61467	29.24853	3
1648.47	1648.445	1287.445	97.70543	166.51	96.0298	94.87337	22.80174	9.620491	67.57777	36.16739	31.41038	29.00471	3
1648.475	1648.45	1287.45	97.00922	206.7103	96.77321	95.35718	2.556671	20.16819	77.27514	77.27514	0	-9999	3
1648.48	1648.455	1287.455	94.69637	110.6307	94.93237	96.47821	24.27767	14.59692	61.12542	34.76107	26.36435	28.5224	3
1648.485	1648.46	1287.46	91.59291	105.5622	92.27732	93.09154	24.88427	14.13327	60.98246	29.04862	31.93384	28.65898	3
1648.49	1648.465	1287.465	94.74357	150.9563	96.0298	98.36624	6.336238	23.06944	70.59432	67.75184	2.842477	-9999	3
1648.495	1648.471	1287.471	96.2422	194.8048	96.54901	99.65247	1.936672	21.89957	76.16376	76.16376	0	-9999	3
1648.5	1648.476	1287.476	95.56959	205.3596	93.57535	91.02649	17.83433	10.00982	72.15586	52.75724	19.39862	29.03585	3
1648.505	1648.481	1287.481	93.96475	161.3162	93.38654	90.75509	18.99505	13.40763	67.59732	42.0354	25.56191	29.13006	3
1648.51	1648.486	1287.486	95.93539	296.2453	93.88215	92.14752	0	15.92473	84.07527	84.07527	0	-9999	3
1648.515	1648.492	1287.492	97.23342	233.0138	96.49001	99.44007	0	19.16664	80.83336	80.83336	0	-9999	3
1648.52	1648.497	1287.497	96.4074	115.198	97.11542	98.94446	17.94016	19.00748	63.05236	45.70966	17.34269	28.5168	3
1648.525	1648.502	1287.502	98.67305	133.1468	98.85005	97.23342	15.6275	19.06486	65.30764	53.29772	12.00992	29.21605	3
1648.53	1648.507	1287.507	93.49274	161.1073	93.02074	90.41288	18.65678	13.65718	67.68603	49.01059	18.67544	29.12042	3
1648.535	1648.513	1287.513	95.03858	162.9175	94.29516	93.81135	18.89994	13.24631	67.85375	46.23865	21.61509	28.77861	3
1648.54	1648.518	1287.518	97.61103	115.5461	97.71723	100.0301	21.41263	16.51088	62.07649	36.61051	25.46598	28.38656	3
1648.545	1648.523	1287.523	95.91179	137.895	95.18018	91.93511	24.06057	12.07786	63.86158	31.63804	32.22354	29.35005	3
1648.55	1648.528	1287.528	93.05614	136.7393	91.68731	89.32726	31.90586	7.656111	60.43803	34.28191	26.15612	29.20222	3
1648.555	1648.533	1287.533	97.37502	128.8719	96.3366	92.91453	27.27574	10.53266	62.1916	31.46625	30.72535	29.54535	3
1648.56	1648.539	1287.539	101.6703	127.9111	102.0007	100.2661	12.94817	22.78467	64.26716	40.92179	23.34538	29.24649	3
1648.565	1648.544	1287.544	95.84099	153.6577	94.76717	94.04736	22.96325	11.29383	65.74292	31.88619	33.85673	28.8248	3
1648.57	1648.549	1287.549	95.51059	146.8485	94.75537	93.53995	22.44583	12.34456	65.2096	46.94299	18.26662	28.92658	3
1648.575	1648.554	1287.554	99.53447	317.341	97.23342	88.19444	0	16.64402	83.35598	83.35598	0	-9999	3
1648.58	1648.56	1287.56	98.20104	208.0749	96.61981	92.53693	11.55547	13.12802	75.31651	65.18472	10.13179	29.91059	3
1648.585	1648.565	1287.565	96.73781	193.1756	94.77897	90.48368	19.43373	9.622488	70.94378	55.70359	15.24019	29.46479	3
1648.59	1648.57	1287.57	96.1006	186.8399	94.22436	88.53664	20.91304	9.471798	69.61516	49.32016	20.295	29.65174	3
1648.595	1648.575	1287.575	97.20982	216.2068	95.77019	86.69581	9.40204	14.11243	76.48553	54.44112	22.04441	30.91651	3
1648.6	1648.58	1287.58	98.08304	193.5933	96.77321	94.84977	13.06518	13.67161	73.26322	54.82056	18.44266	29.41712	3
1648.605	1648.586	1287.586	96.43101	182.3701	94.63737	91.1327	21.05059	9.680512	69.2689	51.84019	17.4287	29.29427	3
1648.61	1648.591	1287.591	95.34538	174.5306	93.25674	92.31272	26.23283	7.422506	66.34467	41.98724	24.35743	28.73718	3
1648.615	1648.596	1287.596	96.58441	173.8622	94.82617	91.64011	22.69402	9.333601	67.97238	45.49434	22.47804	29.26167	3
1648.62	1648.601	1287.601	92.28912	142.1699	90.94389	87.74603	31.11441	7.883056	61.00253	34.1013	26.90123	29.22775	3
1648.625	1648.607	1287.607	94.60197	157.7515	93.41014	90.76689	24.02697	10.4543	65.51873	36.97085	28.54788	29.07761	3

1648.63	1648.612	1287.612	94.64917	178.2067	93.90575	92.70213	15.55822	14.0807	70.36108	42.6025	27.75858	28.97823	3
1648.635	1648.617	1287.617	94.81437	164.5467	93.76415	94.66097	21.0897	11.70006	67.21024	45.99937	21.21087	28.44046	3
1648.64	1648.622	1287.622	96.3366	189.8198	94.43676	88.81985	20.15769	9.608826	70.23348	53.27124	16.96225	29.66454	3
1648.645	1648.628	1287.628	95.21558	170.5482	92.94993	90.17688	28.68777	6.278799	65.03343	32.91663	32.1168	29.12843	3
1648.65	1648.633	1287.633	95.32178	236.9405	92.90273	88.08823	13.71199	10.03936	76.24865	63.57129	12.67736	29.50004	3
1648.655	1648.638	1287.638	95.87639	167.7493	95.13298	93.33934	16.95985	14.01093	69.02922	48.80846	20.22076	29.1166	3
1648.66	1648.643	1287.643	96.1006	179.3903	95.54599	96.1124	12.47324	15.94173	71.58503	52.05006	19.53496	28.91346	3
1648.665	1648.648	1287.648	95.54599	214.0903	94.15356	89.72847	11.07916	13.60916	75.31168	51.7048	23.60688	29.79093	3
1648.67	1648.654	1287.654	95.49879	188.3159	94.21256	94.86157	16.53692	12.39276	71.07032	49.94497	21.12535	28.58443	3
1648.675	1648.659	1287.659	97.22162	149.7727	96.2776	100.0065	21.62727	12.40094	65.9718	35.68106	30.29074	28.0972	3
1648.68	1648.664	1287.664	99.78227	272.8798	97.38682	96.3248	0.728117	13.11743	86.15445	86.15445	0	-9999	3
1648.685	1648.669	1287.669	110.2019	725.3449	100.9623	98.24824	0	0	100	100	0	-9999	3
1648.69	1648.675	1287.675	113.27	918.6458	102.3665	94.03556	0	0	100	100	0	-9999	3
1648.695	1648.68	1287.68	120.1023	697.1337	113.7184	106.65	0	0	100	100	0	-9999	3
1648.7	1648.685	1287.685	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1649.005	1649.004	1288.004	129.3655	28.62892	129.1767	130.6163	15.51879	66.98777	17.49345	0	17.49345	21.06162	-9999
1649.01	1649.009	1288.009	122.6865	53.97164	123.3002	123.4182	9.311744	65.13484	25.55342	18.02473	7.528683	23.21104	-9999
1649.015	1649.014	1288.014	123.4536	47.26	124.3032	125.1056	8.401269	72.78608	18.81265	15.79723	3.015419	22.03599	-9999
1649.02	1649.02	1288.02	123.7958	44.85105	124.4448	125.2708	10.22409	69.30012	20.4758	7.933905	12.54189	22.24581	-9999
1649.025	1649.025	1288.025	123.0642	72.60272	124.5038	126.5924	0	86.48543	13.51457	13.51457	0	-9999	-9999
1649.03	1649.03	1288.03	118.7099	176.9117	122.5095	124.6336	0	100	0	0	0	-9999	-9999
1649.035	1649.035	1288.035	114.332	184.6955	114.096	107.299	0	38.26668	61.73332	61.73332	0	-9999	3
1649.04	1649.041	1288.041	108.8213	113.722	108.6797	106.3904	13.46114	26.32601	60.21285	45.52159	14.69126	28.94625	3
1649.045	1649.046	1288.046	105.9302	87.02858	106.0128	109.5057	20.84314	22.98885	56.16801	28.46915	27.69886	27.82681	3
1649.05	1649.051	1288.051	111.5353	87.2096	111.8067	113.683	14.17939	33.43487	52.38574	27.12717	25.25857	27.32082	3
1649.055	1649.056	1288.056	104.2192	96.74793	104.2192	106.119	20.70537	20.88938	58.40526	35.99658	22.40868	28.29568	3
1649.06	1649.062	1288.062	101.4343	89.91096	101.5405	100.9269	24.09892	18.30092	57.60016	28.09118	29.50898	28.88954	3
1649.065	1649.067	1288.067	104.5378	135.1658	103.877	100.6791	16.23643	18.28583	65.47774	52.26508	13.21266	29.57878	3
1649.07	1649.072	1288.072	99.74687	143.994	97.42223	95.05038	31.40235	4.836101	63.76155	42.14431	21.61724	29.75668	3
1649.075	1649.077	1288.077	96.60801	150.079	94.08276	91.89971	34.37221	3.7725	61.85529	41.16703	20.68826	29.55225	3
1649.08	1649.082	1288.082	100.6791	107.4977	99.71147	98.55505	28.85985	11.33094	59.80921	27.19591	32.6133	29.35645	3
1649.085	1649.088	1288.088	101.4107	140.6103	100.3369	99.79407	20.99657	13.27822	65.72521	42.8907	22.83452	29.08922	3
1649.09	1649.093	1288.093	103.2397	132.4645	102.4727	101.5405	18.90741	16.20417	64.88843	33.39483	31.49359	29.14212	3
1649.095	1649.098	1288.098	110.4851	223.6286	108.9393	105.7296	0	20.56228	79.43772	79.43772	0	-9999	3
1649.1	1649.103	1288.103	101.9063	87.65518	101.6349	101.1393	27.13703	15.81386	57.04911	37.6477	19.40141	29.03591	3
1649.105	1649.109	1288.109	97.78803	111.3687	96.74961	95.33358	31.13154	9.556381	59.31208	34.43751	24.87457	29.4043	3
1649.11	1649.114	1288.114	96.99742	116.5904	96.0298	94.87337	30.04654	9.914511	60.03895	35.1509	24.88804	29.24184	3
1649.115	1649.119	1288.119	100.5021	169.6848	100.2189	96.46641	8.669192	20.05609	71.27472	63.93777	7.336951	30.08546	3
1649.12	1649.124	1288.124	101.8827	118.3032	101.6703	100.8561	19.28467	18.29779	62.41754	35.60162	26.81593	28.97792	3
1649.125	1649.129	1288.129	103.5702	158.4895	103.3459	98.74385	8.098591	22.52741	69.374	51.21106	18.16294	30.21335	3
1649.13	1649.135	1288.135	102.7559	162.3187	101.6939	102.1187	14.41407	15.65108	69.93485	49.07432	20.86053	29.10971	3
1649.135	1649.14	1288.14	102.2957	169.9773	101.1865	102.8975	13.34991	15.53766	71.11243	57.86435	13.24808	28.92517	3
1649.14	1649.145	1288.145	100.7735	178.3041	99.40467	94.61377	14.7472	13.48778	71.76502	50.02284	21.74218	30.03214	3
1649.145	1649.15	1288.15	102.0479	202.6443	101.5169	97.71723	1.191327	21.78254	77.02614	77.02614	0	-9999	3
1649.15	1649.156	1288.156	105.0098	154.6324	104.4198	106.1898	10.54256	20.61021	68.84723	57.92858	10.91866	28.92848	3
1649.155	1649.161	1288.161	103.8416	159.1996	103.4757	107.5114	8.774463	21.69448	69.53105	59.92986	9.601195	28.59985	3
1649.16	1649.166	1288.166	105.2222	136.238	104.7974	106.5556	13.51826	20.98719	65.49456	42.03177	23.46279	28.65922	3
1649.165	1649.171	1288.171	104.3018	145.0801	105.0098	111.0161	3.445873	30.33197	66.22216	62.53919	3.682971	-9999	3
1649.17	1649.177	1288.177	98.47245	130.8631	98.15384	95.67579	20.20567	15.61336	64.18096	37.22033	26.96064	29.29344	3
1649.175	1649.182	1288.182	98.23644	110.2826	97.45763	95.55779	28.9699	11.25799	59.7721	42.13215	17.63995	29.38899	3
1649.18	1649.187	1288.187	99.97108	147.1131	98.93266	97.98864	20.473	13.12694	66.40005	36.83377	29.56628	29.10255	3
1649.185	1649.192	1288.192	98.93266	126.1288	98.13024	93.64615	24.67752	12.5996	62.72288	37.2737	25.44918	29.73347	3
1649.19	1649.197	1288.197	97.00922	118.8741	96.72601	93.62255	24.17884	13.96594	61.85522	38.08233	23.7729	29.39768	3
1649.195	1649.203	1288.203	98.61405	147.9068	97.64643	93.44554	20.98068	12.87401	66.14531	41.76199	24.38332	29.63319	3
1649.2	1649.208	1288.208	100.1599	143.5484	99.01526	94.17716	21.98502	12.30199	65.71299	32.98261	32.73038	29.83884	3
1649.205	1649.213	1288.213	101.9653	142.2813	101.4461	96.87941	15.78372	17.72805	66.48824	46.03077	20.45747	29.83343	3
1649.21	1649.218	1288.218	101.8591	133.2442	102.3665	101.8355	10.11208	24.706	65.18192	46.90039	18.28153	29.14746	3
1649.215	1649.224	1288.224	102.4019	119.6121	103.5702	104.3608	7.790368	29.73159	62.47804	45.56232	16.91572	-9999	3
1649.22	1649.229	1288.229	99.38107	103.8355	99.77047	99.77047	20.42331	19.16063	60.41606	44.21354	16.20252	28.76617	3
1649.225	1649.234	1288.234	98.53145	97.31884	98.18924	97.37502	28.45201	13.24585	58.30214	35.81373	22.4884	29.15888	3
1649.23	1649.239	1288.239	95.07398	104.2811	95.16838	96.0534	26.56429	13.69639	59.73932	31.51254	28.22678	28.69689	3
1649.235	1649.244	1288.244	94.55477	105.4508	94.55477	91.76991	27.49052	12.90876	59.60071	42.79554	16.80518	29.38329	3
1649.24	1649.25	1288.25	94.10636	70.06845	93.62255	93.16234	40.21511	7.789546	51.99534	36.61478	15.38056	29.95569	3
1649.245	1649.255	1288.255	92.00591	67.93799	91.69911	91.01469	41.29131	7.335791	51.37289	21.31167	30.06123	30.0431	3
1649.25	1649.26	1288.26	90.44828	77.68519	89.74027	88.19444	43.47488	5.535433	50.98969	30.31639	20.6733	30.281	3
1649.255	1649.265	1288.265	92.94993	84.46646	92.23012	92.00591	39.62374	7.043446	53.33281	32.55201	20.7808	29.71012	3
1649.26	1649.271	1288.271	91.74631	72.61665	91.1681	90.75509	42.50131	6.316027	51.18266	26.89019	24.29247	30.07542	3
1649.265	1649.276	1288.276	94.42496	88.25394	93.51635	93.46914	38.81337	7.079676	54.10695	37.48652	16.62043	29.65342	3
1649.27	1649.281	1288.281	94.28336	98.73914	93.51635	93.84675	35.30881	8.418139	56.27305	32.20294	24.07011	29.21892	3
1649.275	1649.286	1288.286	96.60801	116.4233	95.45159	92.63133	31.90847	8.680161	59.41137	29.44656	29.96481	29.63049	3
1649.28	1649.292	1288.292	100.0419	101.8304	99.78227	97.20982	25.33046	15.25718	59.41236	39.49282	19.91955	29.37081	3
1649.285	1649.297	1288.297	100.8915	102.7076	101.7293	102.6497	15.83149	23.95878	60.20973	47.94912	12.2606	28.53111	3
1649.29	1649.302	1288.302	100.1009	97.02642	100.5847	101.2809	20.67727	20.1001	59.22263	42.05724	17.1654	28.59442	3

1649.295	1649.307	1288.307	95.66399	90.50972	96.0298	94.77897	27.25077	14.7114	58.03783	37.2552	20.78263	29.15016	3
1649.3	1649.312	1288.312	97.84703	71.18241	97.84703	97.05642	32.75458	13.06334	54.18208	36.26692	17.91515	29.40615	3
1649.305	1649.318	1288.318	95.27458	84.50823	94.57837	93.46914	37.29205	8.32025	54.3877	30.4107	23.97699	29.76486	3
1649.31	1649.323	1288.323	95.93539	86.76401	94.89697	94.43676	38.79031	7.007402	54.20229	32.73057	21.47172	29.82014	3
1649.315	1649.328	1288.328	96.59621	98.62775	96.64341	96.53721	26.89777	14.20176	58.90048	24.29715	34.60333	28.92229	3
1649.32	1649.333	1288.333	96.92662	109.7396	96.84401	95.40438	24.9107	14.45312	60.63617	35.43241	25.20377	29.1084	3
1649.325	1649.339	1288.339	98.53145	80.42833	98.77925	98.31904	27.96692	15.83178	56.2013	36.52	19.68129	29.03254	3
1649.33	1649.344	1288.344	97.77623	110.9788	98.05944	92.27732	20.99414	17.43065	61.57521	33.36479	28.21042	29.86841	3
1649.335	1649.349	1288.349	94.46036	128.3289	94.08276	91.1799	24.96734	12.45638	62.57627	33.31034	29.26593	29.26241	3
1649.34	1649.354	1288.354	95.01498	103.1672	94.66097	94.73177	30.36333	11.21264	58.42404	29.15129	29.27275	28.98015	3
1649.345	1649.36	1288.36	96.1124	128.4124	96.077	97.18622	20.77515	15.37728	63.84758	50.32363	13.52395	28.57758	3
1649.35	1649.365	1288.365	96.1006	102.638	96.46641	95.35718	23.91404	15.89647	60.18949	30.92882	29.26067	29.02908	3
1649.355	1649.37	1288.37	94.50757	87.01465	93.71695	92.51332	38.12277	7.61919	54.25804	29.444	24.81404	29.81075	3
1649.36	1649.375	1288.375	96.0888	105.6179	95.88819	93.92935	27.59346	12.90125	59.50529	29.13203	30.37326	29.26737	3
1649.365	1649.38	1288.38	96.1478	168.7519	95.81739	94.66097	13.26672	16.48378	70.24951	50.77577	19.47374	29.19852	3
1649.37	1649.386	1288.386	97.26882	170.2975	95.9826	93.69335	19.26894	11.88733	68.84373	44.82306	24.02067	29.19982	3
1649.375	1649.391	1288.391	99.73507	158.6705	98.55505	95.75839	18.99066	12.87515	68.13419	35.60795	32.52624	29.45809	3
1649.38	1649.396	1288.396	100.5493	137.171	99.35747	95.35718	23.53592	11.76842	64.69566	30.33138	34.36428	29.72172	6
1649.385	1649.401	1288.401	97.20982	104.6989	95.9826	94.51937	34.74084	7.763	57.49616	37.16696	20.3292	29.65129	6
1649.39	1649.407	1288.407	98.09484	93.36426	97.05642	96.67881	35.20636	8.496268	56.29737	38.415	17.88237	29.55974	6
1649.395	1649.412	1288.412	105.3402	86.90326	106.8152	112.5973	10.62495	35.13336	54.24169	41.88622	12.35547	27.06318	6
1649.4	1649.417	1288.417	108.3493	76.93326	109.7063	111.6297	11.18387	39.20128	49.61485	33.8047	15.81015	27.16044	6
1649.405	1649.422	1288.422	108.6207	65.19485	109.9659	111.2167	13.86633	38.85054	47.28313	21.97098	25.31215	27.06566	6
1649.41	1649.427	1288.427	107.3108	62.39601	108.1958	109.1989	19.31531	31.19291	49.49177	35.27434	14.21743	27.5925	6
1649.415	1649.433	1288.433	109.6473	55.86538	110.6267	113.6358	18.01458	36.17839	45.80703	21.90279	23.90424	26.67436	6
1649.42	1649.438	1288.438	110.7683	45.54728	111.5235	112.6563	21.2178	35.07876	43.70344	33.04467	10.65877	26.93876	6
1649.425	1649.443	1288.443	111.2403	46.14603	111.8303	112.8687	21.91898	34.03283	44.04819	29.18709	14.8611	27.02076	6
1649.43	1649.448	1288.448	111.4645	44.79535	112.3141	113.7066	20.02764	37.63262	42.33974	24.05885	18.28089	26.6167	6
1649.435	1649.454	1288.454	111.5589	44.6561	112.3259	113.3172	20.61465	36.78051	42.60484	25.06568	17.53916	26.7553	6
1649.44	1649.459	1288.459	112.6563	43.34719	113.7066	114.0488	17.72693	42.84942	39.42365	15.42729	23.99635	26.25851	6
1649.445	1649.464	1288.464	112.3023	54.27798	113.2228	114.6034	16.41334	41.02812	42.55855	25.97121	16.58734	26.37659	6
1649.45	1649.469	1288.469	112.6327	64.49862	114.0134	115.4058	10.06935	48.71892	41.21173	35.6689	5.542838	26.03143	6
1649.455	1649.475	1288.475	111.1695	71.85079	112.5029	113.6358	10.0021	44.91935	45.07856	30.74422	14.33434	26.63076	6
1649.46	1649.48	1288.48	112.5619	51.15888	113.1519	113.3644	19.48998	37.02982	43.4802	15.44671	28.0335	26.85381	6
1649.465	1649.485	1288.485	112.0781	67.29746	113.5768	114.3674	8.98775	49.05587	41.95638	35.31942	6.636963	26.27392	6
1649.47	1649.49	1288.49	111.7005	81.89041	113.2936	114.6742	5.072039	50.30584	44.62212	40.80808	3.814038	-9999	6
1649.475	1649.495	1288.495	112.5855	66.76832	113.8482	114.8866	10.47802	47.13742	42.38456	31.92455	10.46001	26.23671	6
1649.48	1649.501	1288.501	113.565	51.54877	114.2966	115.6064	17.37542	41.15899	41.46559	26.81668	14.64892	26.22568	6
1649.485	1649.506	1288.506	113.4824	59.54147	114.3792	115.2996	14.23685	43.81035	41.9528	18.96532	22.98748	26.21748	6
1649.49	1649.511	1288.511	111.9011	58.88702	113.0811	114.6742	13.65512	43.81764	42.52724	26.79861	15.72862	26.2605	6
1649.495	1649.516	1288.516	109.6591	47.66381	110.4497	111.7359	21.45173	33.46962	45.07865	27.25051	17.82814	27.13099	6
1649.5	1649.522	1288.522	109.0573	50.99178	109.9541	112.3849	20.37696	33.74727	45.87576	18.33305	27.54271	26.95757	6
1649.505	1649.527	1288.527	107.4524	77.30923	108.5263	111.8657	14.11281	34.40873	51.47847	30.37814	21.10032	27.15591	6
1649.51	1649.532	1288.532	108.0188	84.27151	109.0809	112.3849	11.99829	35.82037	52.18134	29.39596	22.78538	27.1739	6
1649.515	1649.537	1288.537	108.7151	82.72588	110.3081	114.1904	7.616479	43.04368	49.33984	44.64134	4.698503	-9999	6
1649.52	1649.543	1288.543	109.5411	76.12564	110.4851	111.7595	13.48366	36.92424	49.5921	25.01744	24.57466	27.22519	6
1649.525	1649.548	1288.548	110.0839	89.52108	111.6061	114.9574	5.261432	45.85941	48.87916	38.87236	10.0068	-9999	6
1649.53	1649.553	1288.553	110.2963	87.00073	111.8303	115.9958	5.584492	46.34501	48.0705	48.0705	0	-9999	6
1649.535	1649.558	1288.558	109.9659	106.9964	112.1135	115.099	0	54.44407	45.55593	45.55593	0	-9999	6
1649.54	1649.563	1288.563	111.5943	76.45983	113.0457	115.217	7.581369	47.80118	44.61745	40.12156	4.49589	-9999	6
1649.545	1649.569	1288.569	111.5589	73.59137	112.6681	115.2996	10.96021	43.08825	45.95154	42.29724	3.654302	26.42349	6
1649.55	1649.574	1288.574	112.1371	90.3844	114.0606	116.0666	0.054161	56.55295	43.39289	43.39289	0	-9999	6
1649.555	1649.579	1288.579	112.0191	72.11536	113.6358	115.7834	6.96158	50.81125	42.22717	39.00076	3.226408	-9999	6
1649.56	1649.584	1288.584	111.7477	82.19675	113.2228	115.7834	5.868999	48.88957	45.24144	32.73428	12.50715	-9999	6
1649.565	1649.59	1288.59	113.3054	76.36236	114.9338	118.4267	4.659027	54.85065	40.49033	38.29502	2.195303	-9999	6
1649.57	1649.595	1288.595	112.6563	105.0191	114.45	118.2143	0	57.25103	42.74897	42.74897	0	-9999	6
1649.575	1649.6	1288.6	113.0339	106.8015	114.9102	116.9044	0	59.66335	40.33665	40.33665	0	-9999	6
1649.58	1649.605	1288.605	114.6506	88.19824	116.2554	115.807	0.740037	59.30117	39.95879	39.95879	0	-9999	6
1649.585	1649.61	1288.61	115.8778	69.46969	116.9044	117.459	8.624441	52.61376	38.7618	36.47925	2.282553	25.5987	6
1649.59	1649.616	1288.616	116.0784	83.28287	117.459	118.3559	2.35354	59.83229	37.81417	37.81417	0	-9999	6
1649.595	1649.621	1288.621	116.7156	61.57446	117.4472	118.0963	12.05059	49.62953	38.31988	20.74294	17.57693	25.49716	6
1649.6	1649.626	1288.626	117.6832	43.75101	118.1435	118.2851	17.57705	46.46573	35.95722	19.16931	16.78791	25.46175	6
1649.605	1649.631	1288.631	117.7186	64.91636	118.7335	119.1937	8.124229	57.49297	34.3828	30.6531	3.729697	24.88446	6
1649.61	1649.637	1288.637	119.5713	43.8067	120.0669	118.9459	15.55222	52.22644	32.22133	22.47384	9.74749	24.91426	6
1649.615	1649.642	1288.642	118.6745	52.53741	118.9341	118.4975	16.0935	46.13656	37.76994	28.71469	9.055255	25.62087	6
1649.62	1649.647	1288.647	117.518	72.51917	118.1907	118.3559	9.121007	51.55779	39.3212	23.06834	16.25287	25.58925	6
1649.625	1649.652	1288.652	116.5386	86.63869	117.9074	118.7571	1.20949	61.31005	37.48046	37.48046	0	-9999	6
1649.63	1649.658	1288.658	112.7743	104.1558	113.0575	116.1374	8.847057	37.00502	54.14792	53.76122	0.386707	27.1644	6
1649.635	1649.663	1288.663	108.7269	116.5626	108.7505	111.8303	11.58024	28.12816	60.2916	35.80334	24.48826	27.94614	6
1649.64	1649.668	1288.668	107.2164	81.84864	107.2872	109.8361	21.00481	24.19166	54.80354	32.08331	22.72023	27.87018	6
1649.645	1649.673	1288.673	110.3553	94.07441	110.4851	114.0724	14.70115	30.22631	55.07254	29.33264	25.73989	27.34036	6
1649.65	1649.678	1288.678	114.9102	74.90027	115.7008	120.9991	10.02949	46.79328	43.17723	33.42935	9.747883	25.34854	6
1649.655	1649.684	1288.684	116.8808	89.98059	118.4503	120.7867	0	66.05133	33.94867	33.94867	0	-9999	6

1649.66	1649.689	1288.689	119.1347	55.02991	119.6775	121.6245	12.87208	52.60638	34.52154	26.13458	8.386964	24.56998	6
1649.665	1649.694	1288.694	120.7749	87.41847	121.9195	122.3797	0	71.73891	28.26109	28.26109	0	-9999	6
1649.67	1649.699	1288.699	120.5271	123.3021	122.9698	126.0968	0	100	0	0	0	-9999	6
1649.675	1649.705	1288.705	125.1292	76.65477	125.8962	125.2944	0.386314	79.4932	20.12049	20.12049	0	-9999	6
1649.68	1649.71	1288.71	128.6339	54.84889	129.2475	128.4215	3.627913	89.25961	7.112475	7.112475	0	-9999	6
1649.685	1649.715	1288.715	130.4157	60.00098	131.4541	133.3776	0	100	0	0	0	-9999	6
1649.69	1649.72	1288.72	131.8199	71.89257	133.5546	134.8054	0	100	0	0	0	-9999	6
1649.695	1649.726	1288.726	135.3718	43.1244	136.009	136.6108	0.065737	78.79026	21.144	21.144	0	-9999	6
1649.7	1649.731	1288.731	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1650.005	1650.05	1289.05	104.0068	51.78548	103.7118	104.7384	34.06799	15.18083	50.75118	22.99846	27.75272	29.13472	-9999
1650.01	1650.055	1289.055	103.6764	54.96029	103.6056	102.4609	31.86608	16.89142	51.2425	19.46407	31.77843	29.28969	-9999
1650.015	1650.06	1289.06	105.5172	67.89622	105.293	105.1868	28.23089	18.43988	53.32924	35.01886	18.31038	28.83963	-9999
1650.02	1650.065	1289.065	105.0098	76.13956	104.7266	103.9124	27.16007	17.93893	54.901	33.1822	21.7188	28.98137	-9999
1650.025	1650.071	1289.071	105.3284	101.9	105.0098	104.703	20.90728	19.70168	59.39104	37.6563	21.73473	28.76989	-9999
1650.03	1650.076	1289.076	105.2694	98.21001	104.9272	102.2485	22.03745	19.18546	58.77709	39.70772	19.06937	29.22337	-9999
1650.035	1650.081	1289.081	104.9272	133.5227	103.8534	103.9006	19.47662	15.0656	65.45779	45.85554	19.60225	29.05319	-9999
1650.04	1650.086	1289.086	107.5114	122.1324	106.473	106.5202	19.5812	16.56811	63.85069	43.54215	20.30854	29.00764	-9999
1650.045	1650.092	1289.092	112.3495	70.70898	111.9365	110.0367	22.72767	25.18315	52.08917	38.75548	13.33369	28.43693	-9999
1650.05	1650.097	1289.097	117.459	78.39534	117.164	112.9749	15.25231	35.86215	48.88555	31.01646	17.86908	27.75601	-9999
1650.055	1650.102	1289.102	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1650.08	1650.128	1289.128	111.2049	40.72937	111.2049	109.8243	27.83498	26.4554	45.70962	31.94129	13.76834	28.23119	-9999
1650.085	1650.133	1289.133	112.7743	41.80157	113.0575	113.0103	23.93678	32.79611	43.26711	15.28093	27.98618	27.2287	-9999
1650.09	1650.139	1289.139	112.0073	45.7283	112.2315	112.9277	24.14943	30.89041	44.96017	27.03589	17.92428	27.33541	-9999
1650.095	1650.144	1289.144	110.6857	50.47657	110.7683	110.6149	25.31366	27.26289	47.42344	17.46844	29.95501	27.92088	-9999
1650.1	1650.149	1289.149	110.9571	52.50956	111.4645	112.4793	21.27972	32.91488	45.8054	34.63346	11.17194	27.16954	-9999
1650.105	1650.154	1289.154	110.4969	48.62461	110.7919	112.3967	24.28941	29.30738	46.40321	28.75203	17.65118	27.39913	-9999
1650.11	1650.159	1289.159	110.9453	50.29556	110.8037	110.9571	26.85622	25.03074	48.11304	32.07446	16.03858	28.0905	-9999
1650.115	1650.165	1289.165	111.5353	67.68735	111.8067	112.4203	18.90378	32.11712	48.97911	35.22103	13.75808	27.38966	-9999
1650.12	1650.17	1289.17	113.3526	53.41466	113.1991	113.7774	23.97818	28.8763	47.14552	18.76624	28.37929	27.52089	-9999
1650.125	1650.175	1289.175	112.4085	60.04276	112.1725	110.7447	23.88284	26.75345	49.36371	33.01074	16.35297	28.16018	-9999
1650.13	1650.18	1289.18	111.1695	57.38316	111.6651	110.1193	19.99635	33.49877	46.50489	28.20782	18.29707	27.61329	-9999
1650.135	1650.186	1289.186	111.1577	69.23297	112.4675	115.807	10.82937	44.41424	44.75639	25.35429	19.4021	26.18604	-9999
1650.14	1650.191	1289.191	110.3081	68.82916	111.1813	113.4588	15.09246	37.1421	47.76544	34.48025	13.28519	26.84322	-9999
1650.145	1650.196	1289.196	108.1486	132.1024	108.3374	113.8954	7.07123	30.0722	62.85657	56.4048	6.45177	-9999	-9999
1650.15	1650.201	1289.201	100.6083	223.9071	98.72025	105.3166	7.887149	13.12707	78.98578	71.40471	7.581076	-9999	-9999
1650.155	1650.207	1289.207	105.2222	120.8931	105.0452	106.768	15.31123	22.11045	62.57832	41.37527	21.20304	28.45546	-9999
1650.16	1650.212	1289.212	106.2134	126.463	109.1399	110.5677	0	54.52897	45.47103	45.47103	0	-9999	6
1650.165	1650.217	1289.217	102.8739	130.6682	104.7502	102.2839	0	37.19527	62.80473	62.80473	0	-9999	6
1650.17	1650.222	1289.222	106.6854	76.87756	108.0188	112.9985	12.91098	35.60399	51.48503	32.38412	19.10091	26.87728	6
1650.175	1650.227	1289.227	111.3583	47.80306	112.0899	113.6004	20.312	36.13432	43.55369	21.40718	22.1465	26.74536	6
1650.18	1650.233	1289.233	114.155	37.67989	114.568	114.2966	22.65808	37.05793	40.284	13.34876	26.93524	26.72795	6
1650.185	1650.238	1289.238	114.1786	69.06588	115.4648	116.9988	8.273518	51.83842	39.88806	28.45739	11.43067	25.70571	6
1650.19	1650.243	1289.243	111.9129	92.50093	113.2936	116.9988	3.955014	48.75792	47.28706	47.28706	0	-9999	6
1650.195	1650.248	1289.248	108.4909	146.389	108.8095	120.9165	2.293069	32.90886	64.79807	64.79807	0	-9999	6
1650.2	1650.254	1289.254	103.9714	204.7469	103.4285	111.3937	0	23.45469	76.54531	76.54531	0	-9999	3
1650.205	1650.259	1289.259	99.36927	208.2698	97.06822	99.20406	16.01209	9.255198	74.73271	50.41885	24.31386	28.6176	3
1650.21	1650.264	1289.264	96.4192	144.6345	95.74659	92.41892	21.50553	13.13395	65.36051	37.24493	28.11558	29.3575	3
1650.215	1650.269	1289.269	93.50454	87.07035	93.66975	90.22408	31.62447	11.77928	56.59626	36.31596	20.2803	29.71583	3
1650.22	1650.275	1289.275	91.4867	90.89961	91.4395	93.55175	34.20033	9.755451	56.04421	26.46322	29.58099	28.74972	3
1650.225	1650.28	1289.28	91.60471	151.8196	91.3097	91.5221	21.26962	12.83634	65.89404	32.62644	33.26759	28.47409	3
1650.23	1650.285	1289.285	93.00893	160.1326	91.4867	90.03527	27.47699	8.534644	63.98837	42.9611	21.02727	28.721	3
1650.235	1650.29	1289.29	94.97958	139.1065	94.75537	101.4461	20.69261	14.29495	65.01244	44.51659	20.49585	27.48379	3
1650.24	1650.295	1289.295	100.0773	101.538	99.95928	102.0125	24.27123	16.22573	59.50304	40.79956	18.70348	28.46261	6
1650.245	1650.301	1289.301	100.9505	95.13268	101.5877	103.4167	19.16503	22.03451	58.80046	36.76266	22.0378	28.31285	6
1650.25	1650.306	1289.306	104.2546	64.56824	104.7738	106.9922	24.4364	23.18952	52.37408	30.26732	22.10676	28.02759	6
1650.255	1650.311	1289.311	108.0778	44.18267	107.9362	107.8064	30.9736	20.6597	48.3667	35.06028	13.30642	28.72972	6
1650.26	1650.316	1289.316	106.2488	93.30856	107.3698	109.5411	10.9825	33.78079	55.23671	42.18254	13.05418	27.75085	6
1650.265	1650.322	1289.322	104.2192	83.28287	105.057	108.4083	17.47083	27.17797	55.3512	27.26569	28.08551	27.68976	6
1650.27	1650.327	1289.327	99.73507	122.9122	100.9859	103.1689	8.805081	26.84194	64.35298	53.35772	10.99526	28.72084	6
1650.275	1650.332	1289.332	95.9708	114.7385	96.46641	99.23946	20.09918	17.34212	62.5587	49.63137	12.92733	28.29023	3
1650.28	1650.337	1289.337	90.16508	126.7554	89.09125	84.61896	34.69545	7.273497	58.03105	32.8227	25.20836	29.59339	3
1650.285	1650.342	1289.342	86.15299	77.1839	85.86979	83.22653	44.25559	5.311745	50.43267	16.26088	34.17178	30.34643	3
1650.29	1650.348	1289.348	85.72819	67.35316	85.62198	84.27676	45.65367	5.062866	49.28346	20.86139	28.42207	30.37	3
1650.295	1650.353	1289.353	83.26193	70.89	83.41534	84.41836	45.05477	5.080324	49.86491	21.05064	28.81427	29.71584	3
1650.3	1650.358	1289.358	85.03197	76.04209	84.46556	82.69552	47.75809	3.899455	48.34245	15.07113	33.27132	30.52979	3
1650.305	1650.363	1289.363	83.39174	92.59841	83.27373	80.98449	41.78531	5.793074	52.42162	26.09338	26.32824	29.70395	3
1650.31	1650.369	1289.369	82.21171	103.752	81.14969	77.97543	47.48791	3.547965	48.96412	26.54699	22.41713	30.13263	3
1650.315	1650.374	1289.374	87.85223	122.1742	86.87281	85.51578	37.2003	6.563477	56.23622	27.05843	29.17779	29.05347	3
1650.32	1650.379	1289.379	86.20019	177.8168	84.00535	80.90189	34.67421	5.981856	59.34394	26.54571	32.79822	28.35642	3
1650.325	1650.384	1289.384	100.5257	386.9917	96.99742	99.56987	0	14.08927	85.91073	85.91073	0	-9999	3
1650.33	1650.39	1289.39	106.2252	291.9147	103.7	96.69061	0	14.36039	85.63961	85.63961	0	-9999	3
1650.335	1650.395	1289.395	87.54542	140.8192	86.10579	84.37116	36.53709	6.142645	57.32026	29.27126	28.049	28.82206	3
1650.34	1650.4	1289.4	91.98231	172.0242	90.80229	88.92605	22.89161	10.51011	66.59827	37.40574	29.19253	28.66081	3

1650.345	1650.405	1289.405	90.40108	240.3799	87.54542	85.36238	20.79043	8.212139	70.99743	36.45919	34.53825	27.93941	3
1650.35	1650.41	1289.41	97.58743	309.5154	92.44252	93.04434	15.18986	1.549948	83.26019	63.29271	19.96748	28.27437	3
1650.355	1650.416	1289.416	106.1426	234.6847	104.0068	105.6942	2.107886	13.69619	84.19592	84.19592	0	-9999	3
1650.36	1650.421	1289.421	104.2664	107.9711	104.939	106.532	12.73317	27.46766	59.79916	51.20121	8.597954	28.28808	3
1650.365	1650.426	1289.426	102.4137	223.6008	100.8679	98.10664	3.648177	16.08833	80.2635	80.2635	0	-9999	3
1650.37	1650.431	1289.431	101.0685	215.4967	99.59347	97.62283	6.298267	15.42794	78.2738	78.2738	0	-9999	3
1650.375	1650.437	1289.437	90.90849	97.6948	90.03527	88.90245	39.48949	6.392468	54.11805	27.02239	27.09566	29.63402	3
1650.38	1650.442	1289.442	91.01469	86.33235	89.84647	89.19746	44.42779	4.448475	51.12374	22.89376	28.22998	30.16355	3
1650.385	1650.447	1289.447	91.03829	82.92083	90.44828	90.24768	40.75052	6.634237	52.61524	29.67755	22.93769	29.72081	3
1650.39	1650.452	1289.452	94.66097	117.8994	93.42194	93.44554	33.98271	7.555653	58.46163	33.02677	25.43486	29.09156	3
1650.395	1650.458	1289.458	92.60773	77.82444	92.20652	89.84647	39.07674	7.894942	53.02832	20.95994	32.06837	30.07331	3
1650.4	1650.463	1289.463	92.04131	136.8925	90.15328	86.12939	36.82631	5.158436	58.01525	35.74992	22.26533	29.67529	3
1650.405	1650.468	1289.468	88.14723	83.36641	88.02923	87.48642	39.64439	7.194548	53.16106	20.07052	33.09054	29.55537	3
1650.41	1650.473	1289.473	91.3923	117.4816	90.08247	89.11485	37.63969	6.087671	56.27264	30.74776	25.52487	29.29969	3
1650.415	1650.478	1289.478	99.39287	144.6485	99.08606	99.35747	15.93139	17.31673	66.75188	41.90087	24.85101	28.88121	3
1650.42	1650.484	1289.484	99.09786	195.5288	100.5965	103.4757	0	32.6396	67.3604	67.3604	0	-9999	3
1650.425	1650.489	1289.489	94.76717	148.422	94.34236	92.20652	20.18834	13.75239	66.05927	46.10324	19.95603	29.0787	3
1650.43	1650.494	1289.494	99.56987	233.9746	95.91179	89.33906	20.12395	3.225692	76.65036	50.54004	26.11031	30.10899	3
1650.435	1650.499	1289.499	99.09786	127.6605	98.11844	92.23012	25.52664	11.70085	62.77251	44.08085	18.69166	30.01832	3
1650.44	1650.505	1289.505	101.1511	110.1851	100.3487	100.6319	26.49491	12.94117	60.56392	44.66426	15.89966	28.96351	3
1650.445	1650.51	1289.51	103.2869	233.2087	103.5466	107.9834	0	31.18018	68.81982	68.81982	0	-9999	3
1650.45	1650.515	1289.515	102.2131	197.8264	101.6231	101.1393	2.662531	21.15435	76.18312	74.39412	1.788998	-9999	3
1650.455	1650.52	1289.52	103.8298	261.8098	100.8915	97.25702	3.890167	9.056173	87.05366	87.05366	0	-9999	3
1650.46	1650.525	1289.525	102.9211	266.948	100.3015	99.49907	1.013459	11.61627	87.37028	87.37028	0	-9999	3
1650.465	1650.531	1289.531	100.8679	212.2244	99.23946	99.03886	8.463588	14.10853	77.42788	67.62548	9.802404	29.62491	3
1650.47	1650.536	1289.536	98.05944	143.4649	96.80861	95.07398	24.76072	10.61993	64.61935	42.38671	22.23264	29.17268	3
1650.475	1650.541	1289.541	100.9387	96.06562	101.0449	103.4049	23.06545	18.22116	58.71339	41.01529	17.6981	28.32801	3
1650.48	1650.546	1289.546	100.5493	103.5849	100.8561	102.6851	20.04936	19.76733	60.18331	44.35606	15.82725	28.39351	3
1650.485	1650.552	1289.552	101.8237	150.6778	101.6467	104.585	11.22993	20.69075	68.07932	54.51104	13.56828	28.59943	3
1650.49	1650.557	1289.557	99.12146	139.3571	98.31904	98.54325	21.30256	13.60714	65.0903	40.04981	25.04049	28.82058	3
1650.495	1650.562	1289.562	96.99742	68.09116	96.3484	96.0652	39.31417	8.434683	52.25115	27.91502	24.33612	29.93512	3
1650.5	1650.567	1289.567	101.3163	121.3805	100.4195	100.6319	24.36526	13.1506	62.48414	30.33497	32.14917	28.93568	3
1650.505	1650.573	1289.573	105.3874	153.5463	104.8918	105.5054	9.726386	21.7026	68.57102	56.7625	11.80851	29.13566	3
1650.51	1650.578	1289.578	100.5257	184.4867	98.10664	94.51937	21.61823	7.106731	71.27504	50.3589	20.91614	29.71011	3
1650.515	1650.583	1289.583	98.62585	143.1168	97.88243	96.49001	20.39143	13.92331	65.68526	49.24198	16.44327	29.09996	3
1650.52	1650.588	1289.588	106.6854	153.8665	107.3226	109.1871	0	33.8406	66.1594	66.1594	0	-9999	3
1650.525	1650.593	1289.593	104.3844	157.5008	102.4255	98.62585	21.03219	9.348774	69.61904	35.21694	34.4021	30.03212	3
1650.53	1650.599	1289.599	112.4203	216.5967	112.5501	112.2905	0	41.96378	58.03622	58.03622	0	-9999	3
1650.535	1650.604	1289.604	111.9247	138.4381	111.0161	108.7505	10.56903	23.22813	66.20284	44.1077	22.09513	29.45729	3
1650.54	1650.609	1289.609	108.4909	157.1945	107.1928	102.7559	12.20705	17.20369	70.58926	59.61046	10.9788	30.24519	3
1650.545	1650.614	1289.614	106.8506	149.355	106.5084	105.9774	8.205634	24.32894	67.46543	55.23028	12.23515	29.31013	3
1650.55	1650.62	1289.62	107.0394	135.5139	106.1426	102.0951	15.6797	18.3974	65.9229	52.15481	13.76809	29.78931	3
1650.555	1650.625	1289.625	107.2164	111.1877	107.0866	106.8742	15.45943	24.2146	60.32597	51.19597	9.129992	28.61831	3
1650.56	1650.63	1289.63	107.358	172.4558	107.299	105.352	0	29.21928	70.78072	70.78072	0	-9999	3
1650.565	1650.635	1289.635	105.2222	147.8372	104.3726	100.5965	14.00353	18.13058	67.8659	40.75863	27.10727	29.83196	3
1650.57	1650.641	1289.641	109.5057	132.5062	110.0485	110.2845	2.981486	36.09691	60.92161	60.92161	0	-9999	3
1650.575	1650.646	1289.646	114.4618	111.8979	113.801	114.1196	12.73719	27.74138	59.52143	36.19006	23.33137	28.23244	3
1650.58	1650.651	1289.651	121.8841	81.65369	122.5213	124.138	3.168007	64.76595	32.06605	32.06605	0	-9999	3
1650.585	1650.656	1289.656	123.1822	108.5977	124.7634	125.6484	0	92.76073	7.239271	7.239271	0	-9999	3
1650.59	1650.661	1289.661	115.512	154.0893	115.2052	115.7834	0	37.22158	62.77842	62.77842	0	-9999	3
1650.595	1650.667	1289.667	110.7683	168.2506	110.6621	112.3023	0	33.1422	66.8578	66.8578	0	-9999	3
1650.6	1650.672	1289.672	109.3995	230.0061	108.4319	101.4815	0	26.19962	73.80038	73.80038	0	-9999	3
1650.605	1650.677	1289.677	108.8803	249.6815	107.3934	105.0452	0	21.86326	78.13674	78.13674	0	-9999	3
1650.61	1650.682	1289.682	104.6794	143.9522	102.4727	100.3959	25.96004	6.61193	67.42803	37.33602	30.09201	29.88325	3
1650.615	1650.688	1289.688	105.2694	112.8308	104.172	103.4049	24.35213	13.71323	61.93464	30.26605	31.66859	29.2291	3
1650.62	1650.693	1289.693	107.4878	110.756	108.243	109.8597	8.45531	33.42858	58.11611	39.93467	18.18144	28.08471	3
1650.625	1650.698	1289.698	103.5702	188.859	106.2016	109.1753	0	49.29581	50.70419	50.70419	0	-9999	3
1650.63	1650.703	1289.703	103.7236	237.0798	106.945	111.1813	0	58.49858	41.50142	41.50142	0	-9999	3
1650.635	1650.708	1289.708	102.9801	247.7738	105.883	107.7356	0	54.44195	45.55805	45.55805	0	-9999	3
1650.64	1650.714	1289.714	100.8915	248.9574	101.2219	90.64889	0	30.10931	69.89069	69.89069	0	-9999	3
1650.645	1650.719	1289.719	95.74659	224.4223	91.5457	86.77841	30.1598	0.919521	68.92068	37.18865	31.73203	29.21496	3
1650.65	1650.724	1289.724	92.35992	77.10036	91.3569	89.69307	44.144	5.013468	50.84254	29.67386	21.16867	30.48283	3
1650.655	1650.729	1289.729	95.03858	107.9851	94.01196	91.5457	34.38844	8.098124	57.51344	25.7255	31.78794	29.65094	3
1650.66	1650.735	1289.735	96.87941	89.24258	95.79379	94.05916	37.68781	7.356128	54.95607	25.33783	29.61823	29.97718	3
1650.665	1650.74	1289.74	99.10966	97.54163	98.15384	98.77925	32.62164	9.820874	57.55749	26.49756	31.05993	29.19114	3
1650.67	1650.745	1289.745	99.39287	80.49795	99.41647	100.4667	28.89515	15.15468	55.95016	25.90471	30.04545	28.79883	3
1650.675	1650.75	1289.75	102.2721	116.5347	101.6703	100.8679	22.37228	15.62644	62.00128	43.56965	18.43163	29.0433	3
1650.68	1650.756	1289.756	100.7853	67.38101	100.4667	99.82947	33.44053	13.14028	53.4192	37.35201	16.06718	29.45796	3
1650.685	1650.761	1289.761	105.3638	101.0645	104.703	101.5169	23.729	16.70765	59.56335	27.65323	31.91012	29.47251	3
1650.69	1650.766	1289.766	105.8948	127.382	105.4228	101.6703	15.40842	20.64413	63.94746	43.63277	20.31469	29.56427	3
1650.695	1650.771	1289.771	105.7768	125.6832	104.8564	105.293	19.40326	16.47338	64.12336	39.39705	24.72631	28.90558	3
1650.7	1650.776	1289.776	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1651	1651.09	1290.09	108.1132	123.0514	107.6058	107.6058	14.6898	22.3503	62.9599	35.618	27.3419	28.77988	3

1651.005	1651.095	1290.095	111.6061	584.4143	103.5466	99.06246	0	0	100	100	0	-9999	3
1651.01	1651.101	1290.101	104.3962	142.6015	102.7205	101.1393	22.43212	10.54182	67.02606	45.51547	21.51059	29.53623	3
1651.015	1651.106	1290.106	104.9626	86.90326	105.057	105.706	21.67222	21.89773	56.43004	30.63025	25.79979	28.4117	3
1651.02	1651.111	1290.111	105.175	99.2265	105.4464	105.3048	17.12281	24.56235	58.31485	43.36932	14.94552	28.51088	3
1651.025	1651.116	1290.116	106.2606	99.53284	106.65	105.3048	15.13538	27.14341	57.7212	47.26214	10.45907	28.61882	3
1651.03	1651.122	1290.122	106.0954	123.0375	104.4198	101.3871	25.60332	10.0119	64.38479	37.57865	26.80613	29.93612	3
1651.035	1651.127	1290.127	98.10664	86.84756	97.90604	99.33386	30.27946	13.09625	56.62428	40.51135	16.11293	28.81635	3
1651.04	1651.132	1290.132	95.49879	96.27449	94.66097	93.92935	35.33577	8.492908	56.17132	23.99325	32.17807	29.47434	3
1651.045	1651.137	1290.137	96.85581	104.1558	96.372	95.93539	29.43647	11.72035	58.84318	35.3043	23.53887	29.07406	3
1651.05	1651.142	1290.142	98.14204	136.0013	97.24522	92.18292	23.74735	12.23589	64.01676	33.95707	30.05969	29.77059	3
1651.055	1651.148	1290.148	102.7677	86.37412	100.7853	99.20406	39.91506	3.858795	56.22614	32.07718	24.14896	30.69125	3
1651.06	1651.153	1290.153	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1651.065	1651.158	1290.158	96.0298	29.54794	95.53419	95.75839	48.34296	6.106576	45.55046	30.95636	14.5941	31.19562	3
1651.07	1651.163	1290.163	92.12392	66.83795	92.26552	90.73149	37.97379	9.377014	52.6492	28.5226	24.12659	29.87808	3
1651.075	1651.169	1290.169	89.03225	72.03181	88.33604	86.89641	46.05429	4.631918	49.31379	30.79006	18.52373	30.52971	3
1651.08	1651.174	1290.174	88.71365	55.83754	88.20624	86.4244	48.80319	4.125832	47.07098	14.9358	32.13518	31.12397	3
1651.085	1651.179	1290.179	90.89669	71.97611	90.70789	86.3536	40.42005	7.53203	52.04792	33.10554	18.94238	30.54177	3
1651.09	1651.184	1290.184	91.98231	101.3013	91.1091	89.31546	37.6288	7.066035	55.30516	30.26569	25.03947	29.62766	3
1651.095	1651.189	1290.189	88.56024	87.33492	88.20624	84.27676	40.13308	6.765293	53.10162	33.0266	20.07503	30.18504	3
1651.1	1651.195	1290.195	91.3569	82.30815	91.0737	87.95843	38.22792	8.065362	53.70671	34.22244	19.48427	30.04829	3
1651.105	1651.2	1290.2	94.54297	196.058	93.36294	84.97297	14.71963	13.07466	72.20571	45.03241	27.1733	30.23626	3
1651.11	1651.205	1290.205	91.2389	81.75116	90.73149	86.77841	40.20886	6.99966	52.79148	19.75559	33.03589	30.37575	3
1651.115	1651.21	1290.21	89.19746	65.52904	88.63104	87.46282	46.47	4.75664	48.77336	30.72564	18.04772	30.61274	3
1651.12	1651.216	1290.216	92.12392	51.61839	91.67551	91.1563	46.22952	5.659375	48.11111	27.38642	20.72468	30.72944	3
1651.125	1651.221	1290.221	91.3923	76.06994	90.36568	87.26222	45.46647	4.475722	50.05781	19.25265	30.80515	30.85942	3
1651.13	1651.226	1290.226	91.99411	89.99451	90.68429	88.85525	43.7379	4.420395	51.8417	19.38582	32.45589	30.32685	3
1651.135	1651.231	1290.231	94.95597	97.09604	94.27156	95.16838	34.44747	9.062499	56.49003	36.44044	20.04959	29.07513	3
1651.14	1651.237	1290.237	93.22134	106.5091	91.82891	90.58989	39.2525	5.561958	55.18554	20.76944	34.41611	29.70185	3
1651.145	1651.242	1290.242	111.6061	990.4131	96.077	90.29488	0	0	100	100	0	-9999	3
1651.15	1651.247	1290.247	111.9129	907.4922	98.51965	88.10003	0	0	100	100	0	-9999	3
1651.155	1651.252	1290.252	96.195	278.1433	92.58413	85.50398	12.17419	7.137974	80.68784	55.24969	25.43815	29.87708	3
1651.16	1651.257	1290.257	92.00591	89.52108	91.5221	90.70789	37.43999	7.999974	54.56004	27.03295	27.52709	29.52826	3
1651.165	1651.263	1290.263	92.80833	94.03264	92.44252	92.85553	34.69545	9.261394	56.04316	30.56124	25.48192	29.10696	3
1651.17	1651.268	1290.268	92.11212	105.9938	91.4749	93.94115	34.54474	8.47994	56.97532	31.08156	25.89375	28.60014	3
1651.175	1651.273	1290.273	90.83769	165.2847	89.84647	84.25315	24.11239	10.44196	65.44564	36.4307	29.01494	29.29978	3
1651.18	1651.278	1290.278	91.4749	123.1628	90.62529	88.28884	32.62222	8.436113	58.94167	31.5324	27.40927	29.2134	3
1651.185	1651.284	1290.284	89.04405	89.535	88.06463	84.68976	44.00251	4.748194	51.2493	18.35105	32.89825	30.44915	3
1651.19	1651.289	1290.289	90.88489	122.8983	89.40986	82.12911	38.076	5.633554	56.29044	28.96855	27.32189	30.39882	3
1651.195	1651.294	1290.294	89.11485	114.5435	87.04981	82.10551	46.29888	2.482691	51.21843	25.69873	25.5197	30.70201	3
1651.2	1651.299	1290.299	87.21502	79.64855	85.98779	83.09673	49.99823	2.651933	47.34984	27.08289	20.26695	31.10654	3
1651.205	1651.305	1290.305	87.56902	79.50931	86.73121	86.15299	46.68833	4.08988	49.22179	21.81567	27.40612	30.27165	3
1651.21	1651.31	1290.31	86.18839	59.98706	85.99959	83.87555	47.65304	4.483897	47.86306	32.48084	15.38222	30.86121	3
1651.215	1651.315	1290.315	86.684	78.67383	86.17659	84.54816	45.14408	4.860829	49.99509	16.57643	33.41866	30.24979	3
1651.22	1651.32	1290.32	83.68674	95.49472	83.34454	79.69826	42.55058	5.432778	52.01664	23.78529	28.23135	29.97453	3
1651.225	1651.325	1290.325	81.94031	110.1294	82.69552	83.68674	32.11067	8.898614	58.99071	34.41305	24.57767	28.35489	3
1651.23	1651.331	1290.331	82.53032	115.4765	83.00233	82.23531	32.46872	8.712367	58.81891	28.51621	30.3027	28.61612	3
1651.235	1651.336	1290.336	82.67192	137.8533	82.19991	70.30527	34.23942	7.582006	58.17858	25.20164	32.97694	30.33751	3
1651.24	1651.341	1290.341	83.78115	146.5144	82.38872	76.9252	38.2562	5.86461	55.87919	35.64078	20.23841	29.21541	3
1651.245	1651.346	1290.346	87.33302	194.7491	84.32396	80.76028	35.84458	4.654925	59.5005	29.313	30.1875	28.33262	3
1651.25	1651.352	1290.352	87.19142	159.7288	86.271	85.98779	28.26278	9.095127	62.64209	41.48418	21.15791	28.09621	3
1651.255	1651.357	1290.357	86.83741	153.1703	86.3064	86.71941	27.15771	9.866359	62.97593	46.41359	16.56234	28.04665	3
1651.26	1651.362	1290.362	85.56298	193.6212	83.28553	79.21445	32.07594	6.742119	61.18194	38.81475	22.36719	28.17243	3
1651.265	1651.367	1290.367	87.01441	115.6993	85.91699	82.93153	40.45254	5.46857	54.07889	22.19797	31.88091	29.58937	3
1651.27	1651.372	1290.372	84.59536	74.76103	84.31216	83.43894	46.27494	4.541163	49.18389	29.22287	19.96103	30.18136	3
1651.275	1651.378	1290.378	85.90519	106.2027	84.53636	82.30611	45.87459	3.663106	50.46231	21.76869	28.69362	30.00039	3
1651.28	1651.383	1290.383	86.271	91.47052	85.69278	86.4244	42.97596	5.33401	51.69003	35.18848	16.50155	29.40051	3
1651.285	1651.388	1290.388	88.41864	109.9484	87.63982	87.35662	38.08316	6.652598	55.26425	35.12641	20.13784	29.08607	3
1651.29	1651.393	1290.393	90.21228	96.98465	89.13846	88.46584	41.85654	5.279845	52.86361	18.4393	34.42431	29.72116	3
1651.295	1651.399	1290.399	90.21228	105.7711	88.73725	87.84043	42.8396	4.300934	52.85947	30.76638	22.09309	29.76651	3
1651.3	1651.404	1290.404	90.41288	127.5909	88.20624	86.6368	43.04466	3.011069	53.94427	34.13252	19.81175	29.68444	3
1651.305	1651.409	1290.409	90.92029	114.46	89.43346	89.43346	40.17695	5.026018	54.79703	29.39569	25.40134	29.31058	3
1651.31	1651.414	1290.414	90.81409	113.4713	89.74027	88.12363	37.31309	6.598387	56.08852	26.82232	29.2662	29.38776	3
1651.315	1651.42	1290.42	91.80531	96.81755	90.61349	89.77567	41.34591	5.322595	53.3315	29.73094	23.60056	29.80776	3
1651.32	1651.425	1290.425	91.1681	161.2605	89.02045	84.76057	33.74456	5.607862	60.64758	35.6274	25.02018	29.21673	3
1651.325	1651.43	1290.43	89.23286	179.7105	86.2238	83.14393	37.73605	3.590931	58.67302	27.54204	31.13098	28.76552	3
1651.33	1651.435	1290.435	91.4395	164.115	89.12666	81.7633	34.08439	5.181618	60.73399	35.95927	24.77472	29.80083	3
1651.335	1651.44	1290.44	89.83467	144.6902	88.05283	82.01111	36.1463	5.672518	58.18118	22.36015	35.82103	29.7233	3
1651.34	1651.446	1290.446	89.31546	124.5831	87.45102	83.48614	42.13005	3.914121	53.95583	36.53245	17.42338	29.97193	3
1651.345	1651.451	1290.451	90.84949	198.6758	88.25344	86.05859	28.45834	6.373391	65.16827	38.74614	26.42213	28.27531	3
1651.35	1651.456	1290.456	90.97929	182.2309	89.20926	87.89943	25.91696	8.483426	65.59961	35.06495	30.53466	28.31688	3
1651.355	1651.461	1290.461	92.90273	261.3781	89.45706	86.3064	17.97992	7.219865	74.80021	56.98612	17.81409	28.3579	3
1651.36	1651.467	1290.467	96.64341	246.9105	93.70515	89.66947	14.10724	8.236405	77.65636	48.38543	29.27093	29.40586	3
1651.365	1651.472	1290.472	98.66125	261.9351	96.3012	92.69033	4.133723	12.43185	83.43442	75.36937	8.065048	-9999	3

1651.37	1651.477	1290.477	96.84401	217.9196	93.78775	89.40986	21.85301	5.684217	72.46277	50.6928	21.76997	29.30385	3
1651.375	1651.482	1290.482	98.88546	240.1153	96.74961	93.20954	7.470262	12.281	80.24873	65.39048	14.85825	-9999	3
1651.38	1651.488	1290.488	95.49879	204.2178	92.71393	89.43346	24.30306	6.101736	69.59521	41.019	28.57621	28.97574	3
1651.385	1651.493	1290.493	98.79105	199.2467	96.90301	94.24796	15.52683	10.94019	73.53298	51.66271	21.87027	29.45493	3
1651.39	1651.498	1290.498	96.46641	237.2886	94.59017	88.33604	8.367905	12.9668	78.6653	73.25724	5.408061	30.3437	3
1651.395	1651.503	1290.503	99.42827	204.8722	99.06246	100.8561	1.781922	21.02531	77.19277	77.19277	0	-9999	3
1651.4	1651.508	1290.508	95.48699	247.4536	93.88215	81.84591	4.705663	14.7688	80.52554	69.57405	10.95149	-9999	3
1651.405	1651.514	1290.514	93.94115	180.2675	93.29214	88.64285	14.97925	14.32895	70.6918	53.64071	17.05109	29.5806	3
1651.41	1651.519	1290.519	94.53117	171.314	93.76415	93.09154	17.51771	13.43854	69.04375	50.15202	18.89174	28.7786	3
1651.415	1651.524	1290.524	100.6437	185.5449	99.79407	101.9417	9.090467	17.37105	73.53848	70.10426	3.434224	29.02441	3
1651.42	1651.529	1290.529	93.45734	161.7478	90.70789	89.17386	36.18456	3.355655	60.45979	23.0427	37.41709	29.08345	3
1651.425	1651.535	1290.535	95.91179	173.7787	93.85855	90.51908	25.61934	7.653596	66.72706	44.4608	22.26627	29.20739	3
1651.43	1651.54	1290.54	94.92057	111.0624	93.50454	92.84373	36.7702	6.318145	56.91166	21.58887	35.32279	29.4702	3
1651.435	1651.545	1290.545	95.36898	100.0481	94.56657	92.72573	34.26763	8.866591	56.86577	23.22285	33.64292	29.57249	3
1651.44	1651.55	1290.55	93.61075	113.9865	92.34812	88.32424	36.07872	6.793158	57.12812	38.01568	19.11245	29.92535	3
1651.445	1651.555	1290.555	96.99742	169.9633	94.29516	92.41892	30.57373	4.23641	65.18986	29.57154	35.61831	29.21092	3
1651.45	1651.561	1290.561	98.20104	151.193	96.136	93.18594	29.07041	6.538591	64.391	36.92217	27.46883	29.53412	3
1651.455	1651.566	1290.566	97.00922	117.4259	95.72299	93.91755	32.3027	8.210269	59.48703	24.55725	34.92978	29.47192	3
1651.46	1651.571	1290.571	101.1393	112.4827	100.2897	97.54023	26.31557	12.76168	60.92276	34.02222	26.90054	29.51531	3
1651.465	1651.576	1290.576	105.0098	85.59435	104.4198	102.7677	27.24976	15.95014	56.8001	32.88651	23.91358	29.26261	3
1651.47	1651.582	1290.582	105.5644	95.07698	105.1986	107.3934	22.70714	19.07083	58.22204	37.37476	20.84727	28.31077	3
1651.475	1651.587	1290.587	106.709	89.01979	106.9568	106.7916	18.36443	25.70752	55.92805	44.51042	11.41763	28.32878	3
1651.48	1651.592	1290.592	109.9305	84.32721	109.9895	111.2757	17.99951	28.10226	53.89823	27.81554	26.08269	27.7705	3
1651.485	1651.597	1290.597	112.1607	61.32382	112.0427	111.4881	22.88628	27.9254	49.18831	22.06767	27.12065	27.88476	3
1651.49	1651.603	1290.603	112.6563	58.44143	112.6917	113.4234	21.93899	30.49195	47.56906	26.42768	21.14138	27.37073	3
1651.495	1651.608	1290.608	113.7184	73.04831	113.624	116.0666	18.43303	31.60884	49.95813	30.64461	19.31352	27.01908	3
1651.5	1651.613	1290.613	110.3199	74.37114	110.1901	111.5353	21.51386	25.87721	52.60893	30.75998	21.84895	27.83445	3
1651.505	1651.618	1290.618	106.532	78.59029	107.1102	104.703	18.49056	27.94476	53.56468	29.99674	23.56795	28.55359	3
1651.51	1651.623	1290.623	107.0276	91.21987	107.417	105.3284	16.44147	27.69358	55.86495	26.94538	28.91957	28.60302	3
1651.515	1651.629	1290.629	106.1308	93.37818	106.2134	106.8152	19.12198	23.67062	57.20741	45.49636	11.71105	28.3344	3
1651.52	1651.634	1290.634	104.9272	109.0851	105.1278	103.6646	15.51372	24.28494	60.20135	46.97509	13.22625	28.8635	3
1651.525	1651.639	1290.639	106.8152	124.8199	107.3108	108.6207	7.682612	30.68952	61.62786	49.39711	12.23075	-9999	3
1651.53	1651.644	1290.644	108.7623	84.75887	109.0573	109.3759	17.14078	28.91973	53.93949	40.45603	13.48346	27.95256	3
1651.535	1651.65	1290.65	106.9214	87.62733	107.1574	110.1901	18.59744	25.79426	55.6083	31.03208	24.57622	27.71533	3
1651.54	1651.655	1290.655	108.0896	84.6057	108.2902	110.2963	18.52826	26.90192	54.56981	29.78436	24.78545	27.77989	3
1651.545	1651.66	1290.66	109.0809	103.0279	109.0573	112.2433	14.89575	27.21292	57.89133	31.36432	26.52701	27.71589	3
1651.55	1651.665	1290.665	112.7861	111.7725	113.447	117.577	4.066489	42.53304	53.40047	53.40047	0	-9999	3
1651.555	1651.671	1290.671	111.5353	90.81606	111.9719	115.7834	12.0263	35.71759	52.2561	36.73779	15.51832	26.88231	3
1651.56	1651.676	1290.676	112.7743	84.68925	112.7861	114.0488	15.66136	32.16325	52.1754	44.27481	7.900586	27.38362	3
1651.565	1651.681	1290.681	110.9217	84.38291	111.0161	113.9072	16.79975	30.0691	53.13114	35.11819	18.01295	27.30707	3
1651.57	1651.686	1290.686	109.9423	101.343	109.8243	112.4321	15.2426	27.28943	57.46797	37.21103	20.25694	27.76971	3
1651.575	1651.691	1290.691	111.9365	103.7102	112.0191	112.8097	11.28036	32.91208	55.80756	35.71534	20.09222	27.79314	3
1651.58	1651.697	1290.697	112.1017	159.5478	112.3495	114.8866	0	39.04055	60.95945	60.95945	0	-9999	3
1651.585	1651.702	1290.702	110.0485	139.0926	109.3759	109.1517	10.30775	23.86684	65.82541	53.51341	12.312	29.04564	3
1651.59	1651.707	1290.707	109.6355	128.3149	109.3287	111.5589	10.4609	26.61671	62.92239	55.23637	7.686018	28.31766	3
1651.595	1651.712	1290.712	110.5795	97.72265	110.6031	111.4763	14.43508	29.59933	55.96559	32.34703	23.61855	27.89912	3
1651.6	1651.718	1290.718	112.0073	100.7721	112.1843	115.9958	11.19463	34.01386	54.79152	40.81922	13.9723	27.12225	3
1651.605	1651.723	1290.723	111.9601	78.71561	112.2315	113.4234	15.84412	33.62466	50.53123	23.65976	26.87147	27.26179	3
1651.61	1651.728	1290.728	112.2787	103.6684	112.9631	116.1374	6.311596	41.21631	52.47209	43.74684	8.725248	-9999	3
1651.615	1651.733	1290.733	112.9277	101.2456	113.6594	114.4736	5.935032	43.08108	50.98389	39.63142	11.35247	-9999	3
1651.62	1651.738	1290.738	113.1991	129.5264	114.4264	118.0136	0	52.45451	47.54549	47.54549	0	-9999	3
1651.625	1651.744	1290.744	110.0131	156.9439	110.4497	112.2669	0	37.42654	62.57346	62.57346	0	-9999	3
1651.63	1651.749	1290.749	112.0781	106.6622	112.5029	115.1226	7.783597	37.67108	54.54532	48.09098	6.454346	-9999	3
1651.635	1651.754	1290.754	110.0131	100.1316	109.8597	108.1014	15.74499	26.91338	57.34163	31.56871	25.77292	28.57662	3
1651.64	1651.759	1290.759	113.506	101.719	113.3408	113.6358	12.23885	32.23634	55.52481	49.76286	5.761947	27.80088	3
1651.645	1651.765	1290.765	113.3762	90.56542	113.4706	114.1668	13.04549	34.71342	52.24109	33.63161	18.60948	27.38185	3
1651.65	1651.77	1290.77	114.5916	66.99112	114.6742	115.2052	17.72373	35.2479	47.02837	20.12968	26.89869	26.94768	3
1651.655	1651.775	1290.775	112.5147	94.07441	112.9159	110.4261	10.61107	37.36363	52.0253	46.13095	5.894346	27.95381	3
1651.66	1651.78	1290.78	113.8836	97.7505	113.8718	112.4793	11.66295	34.68744	53.64961	38.53137	15.11824	27.87378	3
1651.665	1651.786	1290.786	117.3528	93.64275	117.4118	116.2318	8.916587	42.39598	48.68744	42.86208	5.825361	27.00348	3
1651.67	1651.791	1290.791	113.6476	97.72265	114.0488	110.0367	8.686001	39.88344	51.43056	38.95229	12.47826	28.1002	3
1651.675	1651.796	1290.796	112.9867	80.24731	112.4793	111.0397	20.56478	25.5437	53.89152	33.67059	20.22094	28.34088	3
1651.68	1651.801	1290.801	115.4176	62.42386	115.571	114.3084	17.52036	37.62128	44.85836	36.38382	8.47454	26.96175	3
1651.685	1651.806	1290.806	114.7568	91.09455	114.7332	113.506	12.56178	35.68078	51.75743	27.33253	24.42491	27.59839	3
1651.69	1651.812	1290.812	114.568	90.56542	114.1904	112.3613	15.60709	30.34606	54.04685	33.7506	20.29625	28.08595	3
1651.695	1651.817	1290.817	115.0282	94.21366	114.332	111.3937	16.77002	26.86322	56.36676	30.6631	25.70365	28.59598	3
1651.7	1651.822	1290.822	117.9192	92.59841	117.99	116.7156	8.556767	43.78912	47.65411	32.43401	15.22011	26.84764	3
1651.705	1651.827	1290.827	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1652.005	1652.141	1291.141	117.3056	82.78158	116.6094	117.164	17.44133	29.52937	53.02929	40.4215	12.6078	27.49845	3
1652.01	1652.146	1291.146	113.1755	70.34694	113.9426	115.0636	12.91016	42.03087	45.05896	36.66296	8.396003	26.49635	3
1652.015	1652.152	1291.152	111.2049	61.83903	111.5825	113.506	19.79998	32.4275	47.77252	25.37976	22.39276	27.07442	3
1652.02	1652.157	1291.157	109.7417	76.04209	110.2609	113.0103	16.61159	32.43414	50.95427	31.02461	19.92966	27.14854	3
1652.025	1652.162	1291.162	108.9983	81.77901	109.8597	110.0485	13.25509	35.31741	51.4275	36.02296	15.40454	27.61191	3

1652.03	1652.167	1291.167	107.7946	99.3936	108.8331	110.3435	8.727916	36.16584	55.10624	54.5871	0.519144	27.7932	3
1652.035	1652.172	1291.172	105.6352	105.228	106.8742	107.9716	7.747999	34.64349	57.60851	44.25037	13.35814	-9999	3
1652.04	1652.178	1291.178	104.1956	105.033	104.4906	100.0065	16.43579	23.91931	59.6449	37.83289	21.81202	29.40243	3
1652.045	1652.183	1291.183	103.0273	101.8025	103.1453	99.08606	19.66411	20.87508	59.46081	46.10027	13.36055	29.40329	3
1652.05	1652.188	1291.188	103.0391	98.3771	102.6733	100.2425	24.23174	16.84378	58.92448	40.90911	18.01537	29.28093	3
1652.055	1652.193	1291.193	100.2661	92.77943	98.99166	97.18622	35.17938	8.08809	56.73253	32.0215	24.71103	29.92849	3
1652.06	1652.199	1291.199	97.83523	119.1108	96.96202	93.79955	27.93421	11.06551	61.00028	25.26729	35.73299	29.5252	3
1652.065	1652.204	1291.204	96.46641	117.0082	95.93539	92.73753	27.05026	12.08048	60.86926	40.33397	20.53529	29.44164	3
1652.07	1652.209	1291.209	99.14506	174.6281	97.44583	92.80833	19.69562	10.50313	69.80124	51.8155	17.98574	29.74195	3
1652.075	1652.214	1291.214	104.6204	354.7703	102.0125	90.87309	0	17.77478	82.22522	82.22522	0	-9999	3
1652.08	1652.22	1291.22	95.15658	327.1439	91.84071	83.14393	0	11.95612	88.04388	88.04388	0	-9999	3
1652.085	1652.225	1291.225	86.97901	111.7447	84.94937	81.5627	48.66682	2.128652	49.20453	33.76355	15.44098	30.54163	3
1652.09	1652.23	1291.23	85.27978	82.9626	84.28856	82.04651	49.14761	3.117647	47.73474	32.28537	15.44937	30.68482	3
1652.095	1652.235	1291.235	90.33028	118.9576	89.16206	87.26222	37.16213	6.427937	56.40993	33.35041	23.05952	29.33485	3
1652.1	1652.24	1291.24	92.98533	117.1892	91.72271	88.71365	35.87906	6.79078	57.33016	27.17781	30.15236	29.65135	3
1652.105	1652.246	1291.246	95.58139	139.2318	94.31876	94.51937	28.15638	9.232319	62.6113	45.65225	16.95905	28.72879	3
1652.11	1652.251	1291.251	97.61103	116.4512	96.58441	96.1124	29.97298	9.878738	60.14829	29.51944	30.62885	29.11846	3
1652.115	1652.256	1291.256	97.46943	108.3889	96.90301	96.95022	28.48771	11.91848	59.59381	40.99019	18.60362	28.94688	3
1652.12	1652.261	1291.261	99.23946	115.379	99.82947	102.6851	16.20538	21.14581	62.64881	49.7588	12.89001	28.27652	3
1652.125	1652.267	1291.267	99.61707	133.5784	100.1953	99.23946	11.54517	22.70015	65.75468	57.95558	7.799092	29.20389	3
1652.13	1652.272	1291.272	97.76443	151.0955	98.61405	99.72327	6.907067	23.67761	69.41533	56.37403	13.0413	-9999	3
1652.135	1652.277	1291.277	98.69665	166.9278	99.36927	101.5995	3.589802	24.59759	71.8126	71.8126	0	-9999	3
1652.14	1652.282	1291.282	103.9478	106.0635	104.585	105.2812	13.7623	26.58998	59.64772	39.97114	19.67657	28.4315	3
1652.145	1652.287	1291.287	102.8267	109.5446	103.3105	103.2633	15.14008	24.09187	60.76805	38.86461	21.90344	28.66856	3
1652.15	1652.293	1291.293	106.414	120.2248	107.063	108.4555	7.974866	31.26022	60.76492	59.51126	1.253657	-9999	3
1652.155	1652.298	1291.298	105.9892	128.2592	106.1426	104.0776	10.26232	26.50067	63.23701	56.97613	6.260881	29.19687	3
1652.16	1652.303	1291.303	103.0155	115.0727	103.4757	102.2957	13.81149	24.50787	61.68064	50.15845	11.52219	28.93338	3
1652.165	1652.308	1291.308	102.0597	150.636	103.6764	104.526	0	34.95278	65.04722	65.04722	0	-9999	3
1652.17	1652.314	1291.314	102.2957	160.5364	103.0627	99.98288	1.093753	29.11937	69.78688	69.78688	0	-9999	3
1652.175	1652.319	1291.319	100.1599	157.7376	100.5611	94.03556	6.571056	23.68187	69.74708	55.89998	13.8471	-9999	3
1652.18	1652.324	1291.324	97.61103	155.1754	96.65521	94.95597	20.053	12.89994	67.04706	34.82443	32.22263	29.0945	3
1652.185	1652.329	1291.329	96.44281	145.7067	95.02678	93.19774	26.98582	9.196097	63.81809	29.82197	33.99612	29.10721	3
1652.19	1652.335	1291.335	94.77897	96.62261	93.98835	93.41014	35.54795	8.40088	56.05117	23.56496	32.48621	29.41382	3
1652.195	1652.34	1291.34	96.70241	134.6228	95.23918	92.13572	29.79511	8.290371	61.91452	28.65002	33.26451	29.49663	3
1652.2	1652.345	1291.345	95.28638	133.8848	94.42496	92.32452	26.6124	10.80429	62.58331	42.6853	19.89801	29.12046	3
1652.205	1652.35	1291.35	95.22738	158.8097	95.52239	100.1953	11.67255	18.5769	69.75054	52.53914	17.2114	28.21582	3
1652.21	1652.355	1291.355	94.59017	217.1398	93.42194	93.57535	9.482955	14.57405	75.943	56.26695	19.67605	28.98564	3
1652.215	1652.361	1291.361	95.86459	164.5745	93.87035	89.11485	27.43291	7.318462	65.24863	44.4299	20.81873	29.53036	3
1652.22	1652.366	1291.366	97.65823	169.7545	96.95022	96.0534	14.56096	15.34905	70.08999	56.60932	13.48067	29.10497	3
1652.225	1652.371	1291.371	99.31026	179.251	98.73205	95.41618	9.736952	17.84119	72.42186	54.14327	18.27859	29.90883	3
1652.23	1652.376	1291.376	97.05642	156.9021	96.51361	95.69939	16.94458	15.07052	67.9849	46.13337	21.85153	28.97724	3
1652.235	1652.382	1291.382	96.4074	225.7034	96.85581	98.68485	0	24.94554	75.05446	75.05446	0	-9999	3
1652.24	1652.387	1291.387	95.03858	239.1545	95.39258	87.65162	0	24.16994	75.83006	75.83006	0	-9999	3
1652.245	1652.392	1291.392	94.57837	209.3559	94.08276	94.70817	6.164742	17.39576	76.4395	70.73928	5.700217	-9999	3
1652.25	1652.397	1291.397	96.63161	187.7729	97.42223	95.30998	0	24.61672	75.38328	75.38328	0	-9999	3
1652.255	1652.403	1291.403	96.4074	215.5802	96.1124	94.05916	1.421069	20.01413	78.56481	78.56481	0	-9999	3
1652.26	1652.408	1291.408	94.94417	230.7023	92.34812	87.69883	16.94081	8.753922	74.30527	58.76866	15.53661	29.21456	3
1652.265	1652.413	1291.413	92.99713	168.5709	91.00289	88.32424	29.10385	7.025932	63.87022	44.24842	19.6218	28.88151	3
1652.27	1652.418	1291.418	92.96173	148.3524	91.80531	92.33632	27.53621	9.365164	63.09863	43.37852	19.72011	28.42442	3
1652.275	1652.423	1291.423	92.79653	149.5499	90.75509	90.34208	34.25729	5.502848	60.23986	40.36825	19.87161	28.79139	3
1652.28	1652.429	1291.429	92.32452	147.5726	89.94087	85.68098	37.82215	3.868005	58.30985	34.73606	23.57378	29.6972	3
1652.285	1652.434	1291.434	91.80531	114.8359	90.16508	87.85223	40.46063	4.649651	54.88972	25.90928	28.98045	29.82045	3
1652.29	1652.439	1291.439	93.24494	87.7805	92.27732	92.12392	40.47083	6.251465	53.27771	32.19301	21.0847	29.74654	3
1652.295	1652.444	1291.444	92.38352	113.1789	90.77869	88.92605	40.05532	4.83342	55.11126	23.3573	31.75397	29.75981	3
1652.3	1652.45	1291.45	92.30092	147.6283	90.23588	88.28884	35.36118	5.190994	59.44783	35.11287	24.33495	29.1057	3
1652.305	1652.455	1291.455	90.70789	120.4336	89.76387	90.15328	34.71996	7.559898	57.72015	32.94479	24.77535	28.77695	3
1652.31	1652.46	1291.46	91.2743	119.7931	90.94389	91.0973	29.59837	10.34759	60.05404	39.87063	20.18341	28.6686	3
1652.315	1652.465	1291.465	91.1917	106.8572	90.97929	91.4631	31.89034	9.942641	58.16702	29.54362	28.6234	28.78229	3
1652.32	1652.47	1291.47	92.72573	103.1811	92.90273	94.93237	28.35073	12.39215	59.25712	39.8567	19.40042	28.46123	3
1652.325	1652.476	1291.476	95.01498	118.9158	94.87337	99.45187	24.90601	13.38951	61.70448	35.68714	26.01734	27.90874	3
1652.33	1652.481	1291.481	94.67277	101.8025	94.12996	94.75537	32.47162	9.949161	57.57922	30.92628	26.65294	28.95253	3
1652.335	1652.486	1291.486	97.51663	98.34925	97.13902	94.31876	29.41064	12.38007	58.20929	38.02251	20.18678	29.5267	3
1652.34	1652.491	1291.491	99.10966	104.309	99.03886	97.91784	24.12505	15.8984	59.97655	30.91716	29.05939	29.02526	3
1652.345	1652.497	1291.497	97.16262	115.2676	97.00922	94.29516	23.9045	14.5888	61.50669	44.25719	17.2495	29.29811	3
1652.35	1652.502	1291.502	95.67579	118.3449	95.12118	94.93237	27.63704	11.57248	60.79048	32.47888	28.3116	28.86702	3
1652.355	1652.507	1291.507	95.82919	145.3865	93.98835	93.04434	30.92011	6.786573	62.29331	27.19564	35.09767	29.03351	3
1652.36	1652.512	1291.512	94.90877	102.8747	94.18896	94.49577	33.36681	9.247282	57.38591	32.20267	25.18324	29.07129	3
1652.365	1652.518	1291.518	94.89697	107.1914	94.68457	96.80861	28.40061	12.1491	59.4503	26.79719	32.65311	28.4765	3
1652.37	1652.523	1291.523	93.07974	95.50864	92.41892	91.60471	36.37486	8.124337	55.50081	37.63021	17.8706	29.44121	3
1652.375	1652.528	1291.528	88.46584	93.16931	87.20322	86.2356	45.8498	3.777774	50.37242	18.18078	32.19164	30.11867	4
1652.38	1652.533	1291.533	83.63954	62.79982	82.78992	81.6571	54.4386	1.72875	43.83265	23.19314	20.63951	31.45136	4
1652.385	1652.538	1291.538	82.41232	84.11834	82.05831	81.98751	46.56759	4.20076	49.23165	21.27791	27.95375	29.79131	4
1652.39	1652.544	1291.544	83.40354	68.38358	83.30914	84.51276	47.45154	4.232769	48.3157	23.56335	24.75234	29.95928	4

1652.395	1652.549	1291.549	83.56874	80.66505	83.41534	82.01111	44.78469	4.949293	50.26602	21.81568	28.45034	29.97479	4
1652.4	1652.554	1291.554	82.78992	89.57677	82.88433	83.30914	41.42407	5.977151	52.59877	29.61832	22.98046	29.17775	4
1652.405	1652.559	1291.559	84.27676	102.4013	84.90217	83.66314	32.83732	9.132852	58.02983	25.53114	32.49869	28.95545	4
1652.41	1652.565	1291.565	85.07917	100.243	85.57478	87.65162	33.62738	8.974309	57.39831	33.29102	24.10729	28.41594	4
1652.415	1652.57	1291.57	85.09097	142.88	85.38598	85.36238	24.85304	11.19693	63.95003	36.33765	27.61238	28.23706	4
1652.42	1652.575	1291.575	83.66314	147.1827	83.85195	85.58658	25.94846	10.50563	63.54591	35.75259	27.79332	27.75858	4
1652.425	1652.58	1291.58	83.15573	139.0508	84.22955	87.40382	21.52432	12.4225	66.05318	45.14465	20.90854	27.80578	4
1652.43	1652.586	1291.586	81.89311	175.38	82.30611	83.84015	19.01557	12.31003	68.6744	54.35685	14.31755	27.67639	4
1652.435	1652.591	1291.591	81.4801	148.06	81.20869	86.89641	31.31119	8.439212	60.2496	41.27834	18.97126	26.81643	4
1652.44	1652.596	1291.596	80.33547	163.1821	78.86044	82.73092	38.03279	6.164672	55.80254	29.7957	26.00684	26.91306	4
1652.445	1652.601	1291.601	80.72488	171.3279	77.94003	81.24409	45.85439	3.716096	50.42951	20.91464	29.51487	27.38119	4
1652.45	1652.606	1291.606	79.99327	180.3371	77.30281	75.30857	43.61564	4.525019	51.85935	28.26048	23.59886	27.93209	4
1652.455	1652.612	1291.612	79.93427	164.1846	77.72762	79.14365	43.8293	4.502936	51.66777	26.89075	24.77702	27.63151	4
1652.46	1652.617	1291.617	79.47406	154.0893	77.14941	72.16971	47.61027	3.531994	48.85773	21.28942	27.56831	29.2945	4
1652.465	1652.622	1291.622	79.27345	156.8325	77.12581	74.81296	45.75921	4.088377	50.15241	19.86915	30.28326	28.55983	4
1652.47	1652.627	1291.627	78.74244	124.0679	77.49162	78.32943	47.22641	3.77618	48.99741	17.19154	31.80587	28.71961	4
1652.475	1652.633	1291.633	79.67466	176.494	76.937	71.7331	45.20461	4.158425	50.63696	18.04177	32.59519	28.69073	4
1652.48	1652.638	1291.638	79.43866	137.6722	78.17603	79.00205	43.3851	4.787965	51.82693	19.26197	32.56496	28.18478	4
1652.485	1652.643	1291.643	79.33245	127.7997	78.09343	75.87498	45.68906	4.156794	50.15415	23.64942	26.50473	29.11306	4
1652.49	1652.648	1291.648	78.60084	120.7957	78.11703	79.41506	42.2042	5.247651	52.54814	27.84992	24.69822	28.28913	4
1652.495	1652.653	1291.653	80.12307	137.1988	78.55364	79.33245	45.24776	4.156935	50.5953	25.98093	24.61437	28.40035	4
1652.5	1652.659	1291.659	80.53608	143.9522	78.78964	77.12581	44.60525	4.253831	51.14092	17.10077	34.04015	28.70218	4
1652.505	1652.664	1291.664	79.37965	167.624	76.6184	71.6387	47.80545	3.506142	48.68841	26.24069	22.44772	29.03186	4
1652.51	1652.669	1291.669	78.03443	127.1592	75.60358	74.35275	56.27489	1.421468	42.30364	13.53387	28.76978	30.11383	4
1652.515	1652.674	1291.674	80.89009	158.7123	78.40023	75.92218	46.4691	3.543255	49.98765	33.33573	16.65192	28.76421	4
1652.52	1652.68	1291.68	83.50974	137.5052	82.25891	79.24985	39.58869	5.598806	54.8125	20.94162	33.87088	28.94955	4
1652.525	1652.685	1291.685	83.93455	70.55581	83.59234	82.77812	48.35781	3.836509	47.80568	20.47418	27.3315	30.42943	4
1652.53	1652.69	1291.69	85.64558	67.36708	85.14997	83.58054	48.74421	3.75385	47.50194	20.26915	27.2328	30.75532	4
1652.535	1652.695	1291.695	88.01743	118.6095	86.84921	85.04377	39.3742	5.705705	54.9201	20.76964	34.15046	29.31074	4
1652.54	1652.701	1291.701	87.20322	75.52688	87.04981	86.76661	42.68441	6.097965	51.21762	28.93311	22.28451	29.80564	4
1652.545	1652.706	1291.706	88.07643	121.8261	88.11183	82.18811	29.21341	10.33129	60.4553	39.58273	20.87257	29.64137	4
1652.55	1652.711	1291.711	89.02045	130.4872	88.24164	83.74574	32.55911	8.259857	59.18103	26.99432	32.18671	29.38261	4
1652.555	1652.716	1291.716	87.98203	108.6117	87.55722	83.79295	36.06478	7.689341	56.24588	40.17508	16.0708	29.59239	4
1652.56	1652.721	1291.721	86.4126	129.7492	85.45678	84.92577	36.50871	6.71373	56.77756	38.26583	18.51173	28.65119	4
1652.565	1652.727	1291.727	90.96749	126.2123	92.24192	93.66975	15.88972	17.75226	66.35802	36.88706	29.47096	28.68237	4
1652.57	1652.732	1291.732	90.56628	135.4025	90.30668	93.94115	25.92354	11.34085	62.73561	40.91314	21.82247	27.82871	4
1652.575	1652.737	1291.737	88.89065	132.3113	87.69883	84.50096	35.43791	6.797971	57.76412	29.29131	28.47281	29.22449	4
1652.58	1652.742	1291.742	88.13543	145.5953	86.89641	84.27676	33.28378	7.310044	59.40618	34.79441	24.61177	28.81797	4
1652.585	1652.748	1291.748	88.85525	166.8303	86.86101	84.76057	33.33561	6.226172	60.43822	39.18369	21.25453	28.51044	4
1652.59	1652.753	1291.753	87.51002	113.9726	86.4716	83.30914	39.95717	5.698054	54.34478	35.23859	19.10618	29.62907	4
1652.595	1652.758	1291.758	88.18264	114.1676	86.71941	83.02593	42.58346	4.410979	53.00556	33.03975	19.96581	29.99052	4
1652.6	1652.763	1291.763	92.65493	111.7447	90.89669	87.03801	41.34158	4.14213	54.51629	18.37822	36.13807	30.28741	4
1652.605	1652.769	1291.769	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1652.63	1652.795	1291.795	103.9006	98.3771	103.5112	101.7057	23.62214	17.45321	58.92465	38.38238	20.54228	29.13259	4
1652.635	1652.8	1291.8	102.6497	124.9452	102.1187	100.0301	19.44084	17.02979	63.52936	41.82947	21.69989	29.2502	4
1652.64	1652.805	1291.805	102.7795	92.8769	102.4963	102.4255	25.16146	16.87395	57.96459	27.74996	30.21463	28.84274	4
1652.645	1652.81	1291.81	105.175	128.9137	104.1248	100.2779	20.18112	15.12716	64.69172	33.75155	30.94017	29.73196	4
1652.65	1652.816	1291.816	105.3874	133.105	104.7502	100.9033	15.7706	19.09525	65.13416	53.29416	11.84	29.64997	4
1652.655	1652.821	1291.821	106.473	106.0635	106.2488	104.2664	18.11506	22.08609	59.79885	34.40536	25.39349	28.96459	4
1652.66	1652.826	1291.826	105.7886	92.27814	105.9538	104.998	19.06285	23.92225	57.01489	36.23997	20.77493	28.59955	4
1652.665	1652.831	1291.831	106.2842	106.9825	106.0718	106.8034	17.9749	22.04158	59.98352	34.61395	25.36957	28.47431	4
1652.67	1652.836	1291.836	106.3904	94.92381	106.6028	106.0954	17.50313	25.33251	57.16437	28.71057	28.45379	28.45916	4
1652.675	1652.842	1291.842	106.3314	87.8919	105.7414	104.5142	25.47786	17.34665	57.17549	26.02687	31.14862	29.06004	4
1652.68	1652.847	1291.847	107.2872	89.81349	106.8742	106.3904	22.7617	20.11955	57.11875	41.52274	15.596	28.71118	4
1652.685	1652.852	1291.852	106.8624	70.52796	106.8388	107.7356	24.80171	22.05226	53.14603	38.78055	14.36548	28.28613	4
1652.69	1652.857	1291.857	107.2518	76.5573	107.2754	107.2282	22.61855	23.41857	53.96288	29.09308	24.8698	28.35398	4
1652.695	1652.863	1291.863	111.3229	89.43753	111.3937	111.7359	15.39033	30.7819	53.82777	33.36632	20.46145	27.76941	4
1652.7	1652.868	1291.868	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1653.02	1653.202	1292.202	112.4557	402.5733	107.2164	97.97684	0	0	100	100	0	-9999	4
1653.025	1653.208	1292.208	106.6382	207.7128	104.6204	104.644	7.264605	13.03227	79.70313	63.66886	16.03426	-9999	4
1653.03	1653.213	1292.213	98.63765	187.5083	94.86157	93.62255	33.14096	0	66.85904	24.16616	42.69288	28.94232	4
1653.035	1653.218	1292.218	88.00563	69.84566	86.3418	83.95815	55.02689	0.684018	44.2891	12.31056	31.97853	31.98527	4
1653.04	1653.223	1292.223	87.22682	61.9365	85.89339	84.59536	55.09676	1.101179	43.80206	12.53796	31.26411	31.84335	4
1653.045	1653.229	1292.229	93.75235	60.51619	92.97353	92.82013	45.13874	5.525955	49.3353	17.13903	32.19627	30.50823	4
1653.05	1653.234	1292.234	95.42798	47.77521	95.03858	94.36596	43.66257	7.540913	48.79652	17.07286	31.72366	30.5318	4
1653.055	1653.239	1292.239	106.6146	325.1527	103.7826	98.41345	0	14.11156	85.88844	85.88844	0	-9999	4
1653.06	1653.244	1292.244	121.9667	631.0059	122.2971	108.1604	0	95.7037	4.2963	4.2963	0	-9999	4
1653.065	1653.25	1292.25	99.67607	232.6518	95.69939	88.46584	22.81557	1.347601	75.83683	52.93669	22.90014	30.2068	4
1653.07	1653.255	1292.255	91.2979	81.4866	90.05887	88.60744	45.88862	3.921891	50.18949	34.34837	15.84112	30.53377	4
1653.075	1653.26	1292.26	88.21804	81.86256	87.35662	87.61622	45.70465	4.384979	49.91037	18.68908	31.22129	29.99246	4
1653.08	1653.265	1292.265	92.71393	135.0266	90.66069	89.57506	37.93938	4.458068	57.60255	20.53261	37.06995	29.26786	4
1653.085	1653.27	1292.27	94.87337	279.0484	88.65465	82.70732	33.38192	0	66.61808	37.6255	28.99258	24.20293	4
1653.09	1653.276	1292.276	100.4785	231.8163	99.13326	91.5457	1.885765	17.11531	80.99893	80.36292	0.636012	-9999	3

1653.095	1653.281	1292.281	108.2548	110.7282	107.9244	105.4464	16.16997	23.45923	60.3708	36.38136	23.98944	29.02329	3
1653.1	1653.286	1292.286	104.4906	65.43157	104.3136	104.2664	29.40601	17.57835	53.01563	24.63223	28.3834	28.90023	3
1653.105	1653.291	1292.291	104.7384	65.12523	104.644	104.0068	28.612	18.52981	52.85818	19.85203	33.00615	28.91637	3
1653.11	1653.297	1292.297	104.1248	65.58474	103.9242	104.8918	29.88839	17.00942	53.10219	31.95531	21.14688	28.76894	3
1653.115	1653.302	1292.302	102.9919	73.73061	103.0863	103.1571	26.67299	18.7536	54.57341	40.47364	14.09976	28.73044	3
1653.12	1653.307	1292.307	103.4994	57.48063	103.3459	102.2957	32.05916	16.20837	51.73247	23.37546	28.35701	29.2965	3
1653.125	1653.312	1292.312	103.2869	89.78564	103.2043	102.0479	23.88805	18.73933	57.37262	28.87424	28.49838	28.92699	3
1653.13	1653.317	1292.317	104.703	106.0078	104.3608	102.1895	20.67149	19.13781	60.1907	39.75147	20.43923	29.12841	3
1653.135	1653.323	1292.323	103.5466	71.47483	103.3695	104.467	28.81204	17.01063	54.17733	26.91649	27.26084	28.70288	3
1653.14	1653.328	1292.328	108.2076	123.2185	107.4406	105.9774	16.57445	19.88367	63.54188	45.17508	18.3668	29.12587	3
1653.145	1653.333	1292.333	110.1429	97.59733	110.2845	112.7625	13.95257	30.26176	55.78568	48.7253	7.060378	27.57364	3
1653.15	1653.338	1292.338	110.8155	95.43902	111.6769	114.1078	8.277509	39.83465	51.88784	51.88784	0	27.12334	3
1653.155	1653.344	1292.344	111.4055	97.45808	112.6445	113.7774	4.319625	46.00542	49.67496	49.67496	0	-9999	3
1653.16	1653.349	1292.349	96.58441	95.39725	96.077	95.52239	31.98864	10.82589	57.18547	29.17242	28.01304	29.22847	3
1653.165	1653.354	1292.354	88.35964	58.69207	87.92303	88.38324	47.88937	4.435111	47.67552	15.52222	32.1533	30.51458	3
1653.17	1653.359	1292.359	96.63161	90.14768	96.313	96.46641	31.75238	11.56541	56.68221	26.72027	29.96194	29.09238	3
1653.175	1653.365	1292.365	102.4255	157.0831	101.6703	101.5169	13.60732	17.3444	69.04828	41.936	27.11227	29.13838	3
1653.18	1653.37	1292.37	99.13326	85.37155	98.59045	98.16564	32.34427	11.60779	56.04794	40.09575	15.95219	29.31796	3
1653.185	1653.375	1292.375	98.16564	119.7792	97.88243	98.64945	22.8959	14.85693	62.24717	47.52631	14.72086	28.6547	3
1653.19	1653.38	1292.38	100.9269	83.46389	100.6791	100.3133	28.86948	14.84185	56.28867	40.96303	15.32563	29.06219	3
1653.195	1653.385	1292.385	99.48727	84.29936	99.54627	99.61707	27.61401	15.73066	56.65533	37.19486	19.46048	28.89017	3
1653.2	1653.391	1292.391	98.03584	77.93583	97.76443	96.1478	33.04995	12.00881	54.94124	20.81589	34.12535	29.55615	3
1653.205	1653.396	1292.396	104.9154	128.7187	103.995	103.3695	19.46116	16.00421	64.53463	45.61814	18.91649	29.08739	3
1653.21	1653.401	1292.401	102.5907	88.24002	102.1659	100.2661	27.55471	15.30738	57.13791	29.6617	27.47621	29.30322	3
1653.215	1653.406	1292.406	98.87366	63.62137	99.26306	100.9387	30.62195	15.94134	53.4367	26.79686	26.63984	28.72857	3
1653.22	1653.412	1292.412	96.93842	57.27177	97.20982	97.52843	34.8535	12.99951	52.147	24.86668	27.28031	29.33731	3
1653.225	1653.417	1292.417	94.07096	78.9941	93.85855	93.44554	35.98428	9.723298	54.29242	31.32117	22.97125	29.46524	3
1653.23	1653.422	1292.422	92.94993	84.21581	93.04434	93.57535	33.37422	10.86514	55.76064	30.018	25.74264	29.05261	3
1653.235	1653.427	1292.427	92.19472	75.93069	92.12392	94.10636	37.35434	9.055262	53.59039	19.2214	34.36899	29.09509	3
1653.24	1653.433	1292.433	95.32178	61.97827	95.19198	95.41618	38.31119	9.81598	51.87283	22.45993	29.4129	29.66437	3
1653.245	1653.438	1292.438	95.08578	59.15158	95.01498	95.59319	38.75511	9.778051	51.46684	26.1461	25.32074	29.64916	3
1653.25	1653.443	1292.443	94.90877	59.66679	94.89697	96.77321	38.33602	10.00232	51.66167	25.58227	26.0794	29.3603	3
1653.255	1653.448	1292.448	96.4074	53.80455	96.51361	97.11542	37.46142	11.36727	51.17131	18.6784	32.49291	29.54223	3
1653.26	1653.453	1292.453	98.67305	60.85038	98.68485	99.20406	34.40355	13.12672	52.46973	25.17862	27.2911	29.26867	3
1653.265	1653.459	1292.459	99.75867	54.89066	99.61707	99.95928	36.0359	12.64467	51.31942	31.11736	20.20206	29.46971	3
1653.27	1653.464	1292.464	99.08606	57.34139	98.95626	97.44583	35.97018	12.32616	51.70366	33.2508	18.45287	29.8042	3
1653.275	1653.469	1292.469	100.1717	51.57662	100.1717	101.0685	35.36051	13.74392	50.89557	32.91619	17.97937	29.27654	3
1653.28	1653.474	1292.474	98.94446	60.1263	98.94446	98.29544	34.42053	13.23411	52.34536	33.23594	19.10942	29.48604	3
1653.285	1653.48	1292.48	101.1747	87.91975	101.2691	100.9151	24.91108	17.81992	57.269	28.95285	28.31615	28.83222	3
1653.29	1653.485	1292.485	99.68787	158.6984	98.41345	97.96504	19.75896	12.25762	67.98342	49.52918	18.45424	28.98153	3
1653.295	1653.49	1292.49	97.31602	138.5634	95.84099	95.12118	28.3684	8.715481	62.91612	32.79742	30.1187	29.02191	3
1653.3	1653.495	1292.495	98.44885	121.4362	97.84703	96.136	24.70355	13.21494	62.08151	28.20353	33.87798	29.15912	3
1653.305	1653.5	1292.5	105.293	110.8117	105.9774	107.5114	11.0098	29.25202	59.73818	38.06203	21.67615	28.25217	3
1653.31	1653.506	1292.506	106.8978	131.0859	107.6176	108.6679	4.352647	33.4606	62.18676	61.95106	0.2357	-9999	3
1653.315	1653.511	1292.511	105.9774	158.0439	105.4818	104.2664	8.095147	22.58518	69.31968	65.90748	3.412196	29.55898	3
1653.32	1653.516	1292.516	99.20406	121.84	98.92086	98.41345	21.44183	15.78327	62.77491	41.96275	20.81215	28.89523	3
1653.325	1653.521	1292.521	103.1335	135.7507	103.523	100.8325	9.24757	25.47381	65.27862	50.17897	15.09966	29.5245	3
1653.33	1653.527	1292.527	103.9124	135.4304	104.8328	100.9151	4.493229	30.963	64.54377	64.14186	0.401908	-9999	3
1653.335	1653.532	1292.532	99.55807	131.3783	99.13326	93.89395	19.90529	15.77797	64.31675	41.17623	23.14052	29.79272	3
1653.34	1653.537	1292.537	102.3783	84.59178	102.5317	103.9242	24.15185	19.28424	56.5639	32.36751	24.19639	28.42677	3
1653.345	1653.542	1292.542	98.69665	82.25245	98.43705	96.59621	31.30593	12.86993	55.82414	21.27942	34.54473	29.47653	3
1653.35	1653.548	1292.548	107.6884	127.8554	108.8685	112.4321	0.840438	39.38624	59.77332	59.77332	0	-9999	3
1653.355	1653.553	1292.553	107.1574	177.8029	109.4939	118.4267	0	54.04674	45.95326	45.95326	0	-9999	3
1653.36	1653.558	1292.558	107.9126	181.5486	110.7093	113.1637	0	61.51968	38.48032	38.48032	0	-9999	3
1653.365	1653.563	1292.563	94.03556	115.4069	92.26552	90.46008	39.27661	4.663422	56.05997	33.17523	22.88474	29.78884	3
1653.37	1653.568	1292.568	85.11457	59.79211	84.32396	82.84893	53.35218	2.129187	44.51864	23.1267	21.39193	31.47173	3
1653.375	1653.574	1292.574	96.92662	123.4274	96.0298	92.57233	27.90842	10.73528	61.35629	33.78165	27.57465	29.51488	3
1653.38	1653.579	1292.579	101.8709	236.119	103.5702	102.2839	0	41.08611	58.91389	58.91389	0	-9999	3
1653.385	1653.584	1292.584	88.81985	178.6523	85.24438	81.06709	42.76181	1.659123	55.57907	20.92259	34.65647	29.27899	3
1653.39	1653.589	1292.589	89.98807	115.8524	89.28006	85.25618	34.66179	7.923106	57.4151	31.93156	25.48354	29.584	3
1653.395	1653.595	1292.595	96.3366	157.5008	95.84099	95.19198	17.0961	14.93063	67.97327	44.34785	23.62541	28.90302	3
1653.4	1653.6	1292.6	92.11212	159.3807	91.4277	87.42742	21.99094	11.87385	66.13521	48.74779	17.38742	29.162	3
1653.405	1653.605	1292.605	89.58686	152.9057	88.05283	84.84317	32.46564	7.10213	60.43223	36.63271	23.79952	28.91421	3
1653.41	1653.61	1292.61	90.28308	99.61639	89.45706	91.91151	39.23403	6.471675	54.29429	30.98152	23.31277	28.86745	3
1653.415	1653.616	1292.616	90.34208	87.8362	90.56628	92.99713	33.89134	10.04814	56.06053	31.28176	24.77876	28.63957	3
1653.42	1653.621	1292.621	93.64615	75.51296	93.59895	94.74357	35.93722	10.0417	54.02109	29.32009	24.701	29.1781	3
1653.425	1653.626	1292.626	104.4552	106.8293	104.9862	107.5822	13.93321	26.41574	59.65105	46.91341	12.73764	28.05523	3
1653.43	1653.631	1292.631	101.9299	209.2585	103.877	103.9242	0	41.40751	58.59249	58.59249	0	-9999	3
1653.435	1653.636	1292.636	101.8001	191.254	104.1838	101.9063	0	43.59053	56.40947	56.40947	0	-9999	3
1653.44	1653.642	1292.642	103.7236	134.024	105.47	106.9332	0	37.83417	62.16583	62.16583	0	-9999	3
1653.445	1653.647	1292.647	99.95928	204.5798	100.8679	88.94965	0	30.19825	69.80175	69.80175	0	-9999	3
1653.45	1653.652	1292.652	96.1124	167.4987	95.39258	87.53362	16.62048	14.2485	69.13103	37.32356	31.80747	30.21881	3
1653.455	1653.657	1292.657	96.1242	116.9525	95.93539	101.0331	24.72647	13.75631	61.51722	27.16135	34.35587	27.83328	3

1653.46	1653.663	1292.663	96.56081	108.361	96.2186	98.04764	27.59279	12.61402	59.79318	43.57287	16.22031	28.53796	3
1653.465	1653.668	1292.668	99.94748	94.88204	100.0065	101.5759	24.62961	16.86492	58.50547	30.08213	28.42335	28.50572	3
1653.47	1653.673	1292.673	102.4963	104.0026	102.6733	104.3136	19.16296	20.9058	59.93124	35.54638	24.38486	28.35439	3
1653.475	1653.678	1292.678	105.3284	75.48511	105.6116	107.4642	22.63564	23.26534	54.09902	34.40551	19.69351	28.04484	3
1653.48	1653.683	1292.683	105.9656	94.26936	106.3432	107.8064	16.772	26.26151	56.96649	30.98154	25.98495	28.05999	3
1653.485	1653.689	1292.689	104.5496	100.9671	105.3992	107.7356	12.79583	28.96925	58.23492	47.38733	10.84759	27.99737	3
1653.49	1653.694	1292.694	101.6585	170.5203	104.0422	109.7771	0	41.9181	58.0819	58.0819	0	-9999	3
1653.495	1653.699	1292.699	98.70845	204.2456	100.4903	106.5438	0	34.66205	65.33795	65.33795	0	-9999	3
1653.5	1653.704	1292.704	93.45734	207.0862	91.67551	87.19142	17.71361	10.65987	71.62652	49.31479	22.31173	29.14985	3
1653.505	1653.71	1292.71	89.70487	115.8942	88.44224	86.6486	39.21047	5.6625	55.12703	31.98955	23.13747	29.43756	3
1653.51	1653.715	1292.715	91.73451	127.5212	90.08247	85.43318	37.54738	5.439626	57.013	24.7853	32.2277	29.87493	3
1653.515	1653.72	1292.72	95.29818	166.6075	92.83193	90.10608	31.1201	5.064519	63.81538	37.11542	26.69997	29.18941	3
1653.52	1653.725	1292.725	100.3959	80.33086	100.3369	100.4431	28.65298	15.48136	55.86567	36.60689	19.25878	28.93398	3
1653.525	1653.731	1292.731	103.5112	70.37479	103.936	103.7472	24.44677	21.81764	53.73559	36.14346	17.59213	28.55171	3
1653.53	1653.736	1292.736	102.8267	89.00587	103.1807	101.4225	21.11643	21.66547	57.2181	30.99117	26.22694	28.8869	3
1653.535	1653.741	1292.741	100.9623	74.03695	100.7971	97.81163	30.47807	14.82039	54.70154	27.73268	26.96887	29.61885	3
1653.54	1653.746	1292.746	97.94144	107.1078	99.19226	102.7323	14.27989	23.49813	62.22198	52.13297	10.08901	28.20373	3
1653.545	1653.751	1292.751	93.62255	143.4092	91.4985	88.58384	35.62358	4.863452	59.51297	26.67817	32.8348	29.45318	3
1653.55	1653.757	1292.757	91.2389	102.5406	90.51908	90.05887	36.82396	7.497459	55.67858	36.07938	19.5992	29.24816	3
1653.555	1653.762	1292.762	91.68731	147.7815	89.91727	88.20624	33.60234	6.30882	60.08884	41.08663	19.00221	28.9039	3
1653.56	1653.767	1292.767	93.53995	136.6001	91.93511	90.87309	33.32349	6.723513	59.953	25.18287	34.77012	29.02046	3
1653.565	1653.772	1292.772	94.44856	142.1699	93.90575	92.90273	22.909	12.55047	64.54054	47.09892	17.44162	28.80964	3
1653.57	1653.778	1292.778	98.26004	264.2327	96.0298	92.14752	2.940856	13.25498	83.80416	82.83418	0.969979	-9999	3
1653.575	1653.783	1292.783	98.13024	119.1804	97.09182	94.50757	28.92628	10.25692	60.8168	30.16389	30.65291	29.46711	3
1653.58	1653.788	1292.788	103.7	102.6241	104.4906	105.3638	13.63373	27.32312	59.04315	38.12691	20.91624	28.3517	3
1653.585	1653.793	1292.793	106.2134	104.7546	107.2754	111.0043	8.702394	33.91152	57.38608	44.94202	12.44406	27.65717	3
1653.59	1653.799	1292.799	104.172	154.8412	105.4464	107.9952	0	35.80138	64.19862	64.19862	0	-9999	3
1653.595	1653.804	1292.804	102.4609	139.4685	102.9329	103.6764	8.326489	25.571	66.10251	54.92781	11.1747	28.98861	3
1653.6	1653.809	1292.809	100.6791	135.7646	100.5375	95.77019	15.61763	18.90145	65.48092	53.55425	11.92667	29.7693	3
1653.605	1653.814	1292.814	101.4107	84.89812	101.3281	102.5553	26.79697	16.55772	56.64532	42.44304	14.20228	28.62916	3
1653.61	1653.819	1292.819	106.0836	139.4407	108.3493	111.2167	0	48.10768	51.89232	51.89232	0	-9999	3
1653.615	1653.825	1292.825	101.8001	138.9672	101.7175	102.5081	13.35399	20.57754	66.06847	50.77849	15.28998	28.8129	3
1653.62	1653.83	1292.83	99.81767	167.5265	99.38107	101.3045	11.01004	18.33481	70.65515	49.61558	21.03957	28.82933	3
1653.625	1653.835	1292.835	93.68155	168.1531	91.79351	82.45952	27.75222	7.603413	64.64437	34.17829	30.46608	30.14275	3
1653.63	1653.84	1292.84	94.37776	120.8374	92.90273	90.77869	35.36128	6.513039	58.12568	34.23154	23.89414	29.51373	3
1653.635	1653.846	1292.846	98.05944	126.7693	97.25702	95.66399	25.32587	12.1265	62.54762	39.8472	22.70042	29.13731	3
1653.64	1653.851	1292.851	97.00922	108.8066	95.56959	90.71969	35.57745	6.787883	57.63467	31.99263	25.64204	30.28561	3
1653.645	1653.856	1292.856	98.34264	111.2295	97.35142	95.29818	30.28919	10.11059	59.60022	33.96478	25.63544	29.45806	3
1653.65	1653.861	1292.861	100.1953	91.02493	99.42827	98.96806	31.73668	11.25184	57.01148	41.11078	15.9007	29.32353	3
1653.655	1653.866	1292.866	106.5556	90.00844	106.6972	108.4673	19.08937	24.5487	56.36192	45.25151	11.11042	28.02147	3
1653.66	1653.872	1292.872	103.3813	149.2853	103.2043	104.2428	10.13389	22.09678	67.76933	61.62956	6.139769	28.95095	3
1653.665	1653.877	1292.877	101.1039	145.0662	100.0537	103.1335	20.01761	13.56066	66.42173	42.29542	24.12631	28.36884	3
1653.67	1653.882	1292.882	102.2839	133.2999	101.1157	102.1305	22.69394	12.62921	64.67684	30.48782	34.18903	28.81367	3
1653.675	1653.887	1292.887	101.3753	221.902	99.75867	103.1099	5.563345	15.04116	79.39549	63.04869	16.3468	-9999	3
1653.68	1653.893	1292.893	100.6319	151.3323	98.20104	95.77019	29.63534	4.809446	65.55521	27.97237	37.58284	29.71777	3
1653.685	1653.898	1292.898	104.8446	190.3489	102.4491	98.90906	16.04328	8.323713	75.633	47.42066	28.21235	30.2168	3
1653.69	1653.903	1292.903	104.5968	171.0634	103.759	96.1596	8.866716	19.29807	71.83522	58.84369	12.99152	30.8597	3
1653.695	1653.908	1292.908	101.5523	118.7905	101.7765	102.9329	16.08698	21.24595	62.66707	47.85721	14.80986	28.55281	3
1653.7	1653.914	1292.914	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1654.005	1654.234	1293.234	89.48066	65.41764	88.58384	88.24164	48.79706	3.585552	47.61738	33.69502	13.92237	30.76438	3
1654.01	1654.241	1293.241	90.02347	43.43074	89.71667	89.50426	49.04591	4.6671	46.28699	16.50531	29.78168	31.03554	3
1654.015	1654.248	1293.248	90.15328	57.67558	89.62227	91.74631	47.21683	4.777869	48.0053	23.83826	24.16704	30.20677	4
1654.02	1654.256	1293.256	91.98231	68.55067	91.98231	93.46914	38.78701	8.753528	52.45946	23.94348	28.51598	29.34849	4
1654.025	1654.263	1293.263	90.60169	76.65477	90.29488	89.90547	40.47374	7.19529	52.33097	32.8195	19.51147	29.73385	4
1654.03	1654.27	1293.27	86.94361	90.98316	86.5188	86.6132	41.28622	6.076531	52.63725	34.58427	18.05298	29.38732	4
1654.035	1654.277	1293.277	86.212	71.7951	85.10277	83.20293	51.90703	2.244315	45.84866	27.67526	18.1734	31.21562	4
1654.04	1654.284	1293.284	85.46858	90.55149	83.67494	81.86951	53.35613	1.216578	45.42729	31.29901	14.12828	31.08297	4
1654.045	1654.291	1293.291	86.33	89.46538	84.87857	82.89613	50.17436	2.365084	47.46055	16.70367	30.75688	30.73393	4
1654.05	1654.298	1293.298	91.1445	111.5497	90.34208	89.16206	35.37075	7.717298	56.91195	23.0795	33.83245	29.1963	4
1654.055	1654.305	1293.305	93.51635	82.65626	92.87913	92.48972	38.90055	7.582933	53.51652	28.24387	25.27265	29.66661	4
1654.06	1654.312	1293.312	94.03556	137.8115	93.28034	94.43676	25.98983	10.99285	63.01732	32.82669	30.19064	28.40915	4
1654.065	1654.319	1293.319	97.08002	134.9987	96.49001	99.33386	22.58928	13.33667	64.07404	34.19443	29.87961	28.22428	4
1654.07	1654.326	1293.326	101.8591	122.9679	102.2013	105.0334	13.87928	22.75081	63.36991	55.4522	7.917709	28.28828	4
1654.075	1654.333	1293.333	102.6615	162.8618	101.5523	109.5765	14.73531	15.28006	69.98463	42.77172	27.21291	27.65519	4
1654.08	1654.34	1293.34	99.51087	180.2675	98.70845	98.41345	11.04399	16.60847	72.34754	53.0808	19.26674	29.25881	4
1654.085	1654.348	1293.348	94.73177	126.7972	93.30394	89.84647	33.22754	7.258618	59.51384	37.8489	21.66495	29.60895	4
1654.09	1654.355	1293.355	93.12694	92.18067	91.59291	89.77567	43.90424	3.928958	52.1668	30.62507	21.54173	30.38347	4
1654.095	1654.362	1293.362	91.3215	65.97462	90.77869	90.87309	44.22515	5.821774	49.95308	34.05736	15.89572	30.17348	4
1654.1	1654.369	1293.369	97.02102	113.9169	96.2894	93.85855	28.84278	11.07352	60.08369	40.57439	19.5093	29.37789	4
1654.105	1654.376	1293.376	93.50454	99.29613	94.08276	95.34538	25.46501	14.67597	59.85901	27.48655	32.37246	28.56961	4
1654.11	1654.383	1293.383	95.25098	142.4345	94.77897	94.63737	21.55804	13.38758	65.05438	44.48559	20.56879	28.6915	4
1654.115	1654.39	1293.39	89.97627	77.72696	90.10608	90.22408	37.40593	8.753062	53.841	27.70662	26.13439	29.35506	4
1654.12	1654.397	1293.397	87.33302	57.88445	87.98203	87.82863	40.61573	7.903588	51.48068	29.83421	21.64646	29.80049	4

1654.125	1654.404	1293.404	82.10551	43.013	82.16451	82.30611	53.59652	2.468349	43.93513	25.47034	18.46478	31.30967	4
1654.13	1654.411	1293.411	86.20019	71.36343	86.75481	85.82259	39.12763	7.820404	53.05196	20.91739	32.13458	29.63811	4
1654.135	1654.418	1293.418	88.85525	79.20297	88.31244	87.03801	43.29284	5.627824	51.07934	19.68443	31.39491	30.06672	4
1654.14	1654.425	1293.425	93.89395	114.641	92.56053	90.15328	36.2085	6.605493	57.186	26.14561	31.0404	29.62658	4
1654.145	1654.432	1293.432	90.53088	177.413	87.48642	82.14091	37.37223	3.270561	59.35721	26.59813	32.75908	29.32005	4
1654.15	1654.439	1293.439	84.00535	62.89729	84.00535	80.98449	47.49393	4.383476	48.12259	30.18061	17.94198	30.84035	4
1654.155	1654.447	1293.447	84.83137	64.91636	84.40656	82.57752	49.53765	3.521708	46.94064	30.9913	15.94934	30.8838	4
1654.16	1654.454	1293.454	84.53636	96.88717	84.04075	82.42412	42.62083	5.357653	52.02152	20.7885	31.23301	29.60195	4
1654.165	1654.461	1293.461	85.36238	156.7071	83.00233	78.35303	41.83386	3.992698	54.17344	22.56007	31.61337	29.22587	4
1654.17	1654.468	1293.468	84.06435	44.83712	84.30036	84.15875	49.98118	3.917466	46.10136	14.84466	31.2567	30.89692	4
1654.175	1654.475	1293.475	88.02923	60.05668	87.35662	86.4244	49.69215	3.528933	46.77892	27.69741	19.08151	30.97846	4
1654.18	1654.482	1293.482	89.99987	112.7055	88.74905	87.59262	39.61929	5.579822	54.80089	21.02545	33.77544	29.40125	4
1654.185	1654.489	1293.489	81.5037	82.07143	80.50068	82.09371	52.92872	2.077841	44.99344	26.51637	18.47706	30.23234	4
1654.19	1654.496	1293.496	84.26496	37.35963	84.08795	83.04953	54.80699	2.219411	42.9736	15.43522	27.53838	31.91178	4
1654.195	1654.503	1293.503	88.38324	68.98233	88.58384	88.99685	40.43901	7.553896	52.00709	33.01945	18.98764	29.58008	4
1654.2	1654.51	1293.51	88.58384	82.54487	87.65162	86.75481	45.7517	4.297059	49.95124	26.58785	23.36338	30.21452	4
1654.205	1654.517	1293.517	92.15932	126.0592	91.4277	91.1445	30.37713	9.436482	60.18639	31.87128	28.31511	28.74001	4
1654.21	1654.524	1293.524	88.60744	105.3394	88.46584	89.05585	34.08644	8.81006	57.1035	28.06776	29.03574	28.74693	4
1654.215	1654.531	1293.531	81.3975	67.26961	81.26769	79.80446	49.84103	3.336048	46.82292	17.05128	29.77164	30.63815	4
1654.22	1654.539	1293.539	77.33821	61.37952	77.12581	76.9606	55.64114	1.510546	42.84832	17.88782	24.9605	31.09066	4
1654.225	1654.546	1293.546	73.65654	80.60935	72.61812	70.56487	60.77629	0.445002	38.77871	17.60996	21.16875	31.64304	4
1654.23	1654.553	1293.553	73.57394	58.44143	73.16093	73.00752	61.36997	0.032453	38.59758	9.104513	29.49307	31.88593	4
1654.235	1654.56	1293.56	75.00176	98.96194	73.24353	68.00422	60.67592	0.582604	38.74148	27.88653	10.85495	31.90903	4
1654.24	1654.567	1293.567	73.98694	58.19079	73.78634	71.28469	59.40452	0.488905	40.10657	16.29006	23.81651	32.00138	4
1654.245	1654.574	1293.574	77.20841	58.28826	76.4768	75.36757	60.53252	0.161869	39.30561	14.16444	25.14117	32.14552	4
1654.25	1654.581	1293.581	81.89311	107.8876	81.33849	80.57148	42.84778	5.097803	52.05441	35.90799	16.14642	29.13221	4
1654.255	1654.588	1293.588	77.88102	81.05494	76.99601	76.00479	55.59305	1.511114	42.89583	29.39618	13.49966	30.8753	4
1654.26	1654.595	1293.595	79.69826	62.31246	78.78964	77.10221	58.63978	0.57456	40.78566	18.28453	22.50113	31.99508	4
1654.265	1654.602	1293.602	81.10249	86.27665	80.42988	77.37361	49.71952	3.110623	47.16986	31.85099	15.31887	30.56489	4
1654.27	1654.609	1293.609	79.78086	72.28246	78.45924	76.7246	59.35186	0.297372	40.35077	17.93639	22.41438	31.94709	4
1654.275	1654.616	1293.616	83.00233	110.6586	82.01111	78.14063	44.54044	4.393269	51.06629	33.10111	17.96518	29.86812	4
1654.28	1654.623	1293.623	80.80748	82.32207	79.71006	77.72762	54.2402	1.705782	44.05402	22.11971	21.93431	31.03077	4
1654.285	1654.63	1293.63	88.80805	154.4374	88.38324	86.4716	24.215	11.135	64.64999	44.03484	20.61515	28.5919	4
1654.29	1654.638	1293.638	88.31244	97.8062	88.81985	87.85223	31.15103	10.6469	58.20208	26.52679	31.67529	29.01368	4
1654.295	1654.645	1293.645	87.89943	96.63653	87.98203	90.49548	35.10632	8.71803	56.17565	23.6526	32.52305	28.5088	4
1654.3	1654.652	1293.652	87.86403	109.2383	86.04679	84.51276	46.81302	2.792864	50.39411	28.50153	21.89258	30.0622	4
1654.305	1654.659	1293.659	86.89641	106.3141	85.86979	84.59536	42.2836	5.039315	52.67708	31.06096	21.61612	29.51348	4
1654.31	1654.666	1293.666	87.78143	206.6964	85.43318	83.72214	27.41949	7.587685	64.99282	33.63676	31.35606	27.74476	4
1654.315	1654.673	1293.673	86.01139	107.3585	85.05557	85.49218	42.29638	5.084074	52.61955	24.01027	28.60928	29.12637	4
1654.32	1654.68	1293.68	88.33604	170.2	85.36238	82.60112	40.58831	3.088526	56.32317	27.81644	28.50673	28.8921	4
1654.325	1654.687	1293.687	90.49548	173.0267	87.79323	85.24438	35.81417	4.23118	59.95465	24.53727	35.41739	28.76424	4
1654.33	1654.694	1293.694	87.61622	120.8653	86.74301	85.72819	36.91111	6.772897	56.31599	24.27232	32.04367	28.93838	4
1654.335	1654.701	1293.701	92.72573	119.6817	91.58111	89.22106	34.60019	7.396406	58.0034	39.64438	18.35902	29.39168	4
1654.34	1654.708	1293.708	88.52484	67.15821	88.15904	88.22984	45.13987	5.343197	49.51694	35.57558	13.94136	30.14059	4
1654.345	1654.715	1293.715	87.20322	98.82269	86.92001	85.71638	38.0528	7.209167	54.73804	20.52551	34.21252	29.2995	4
1654.35	1654.722	1293.722	80.05227	129.8884	78.04623	75.39117	50.46574	2.650005	46.88426	24.57907	22.30519	29.68575	4
1654.355	1654.729	1293.729	79.60386	131.9771	77.53882	74.31735	50.83007	2.618321	46.55161	30.75752	15.79409	29.75434	4
1654.36	1654.737	1293.737	81.6217	176.0623	78.74244	72.87772	44.61522	3.819927	51.56485	34.60699	16.95786	28.95	4
1654.365	1654.744	1293.744	83.93455	206.4039	82.44772	71.20209	24.3534	9.669754	65.97685	40.2465	25.73034	29.27081	4
1654.37	1654.751	1293.751	80.22927	107.2053	78.35303	73.42053	54.78624	1.434237	43.77952	31.26768	12.51184	31.14286	4
1654.375	1654.758	1293.758	80.96089	92.98829	79.04925	75.22597	57.82802	0.471807	41.70017	17.25775	24.44242	31.76156	4
1654.38	1654.765	1293.765	85.52758	91.15025	83.96995	79.03745	51.32791	1.98323	46.68886	24.46986	22.21899	31.34902	4
1654.385	1654.772	1293.772	90.08247	107.1914	88.97325	86.33	39.78029	5.786167	54.43354	30.6971	23.73644	29.75157	4
1654.39	1654.779	1293.779	88.89065	138.7862	88.74905	84.44196	25.73176	11.20605	63.06219	38.03732	25.02487	29.1789	4
1654.395	1654.786	1293.786	87.74603	153.2678	86.81381	81.12609	29.40755	8.794947	61.7975	26.79263	35.00487	29.18027	4
1654.4	1654.793	1293.793	83.88735	118.2057	83.48614	80.21747	37.32723	6.859925	55.81285	28.01485	27.79799	29.19945	4
1654.405	1654.8	1293.8	85.63378	126.8529	84.67796	81.05529	37.92613	6.290768	55.7831	27.95047	27.83263	29.26567	4
1654.41	1654.807	1293.807	86.5896	124.6806	86.6722	85.77539	29.52469	9.964712	60.5106	29.5529	30.9577	28.60662	4
1654.415	1654.814	1293.814	84.43016	86.87541	84.47736	85.98779	40.9346	6.324493	52.74091	23.36322	29.37769	29.03517	4
1654.42	1654.821	1293.821	83.17933	86.97288	83.28553	84.39476	41.60451	5.992157	52.40333	34.87762	17.52571	29.10321	4
1654.425	1654.829	1293.829	83.75754	120.3779	83.02593	83.34454	39.48162	5.990769	54.52761	33.86639	20.66123	28.60638	4
1654.43	1654.836	1293.836	83.72214	170.7988	82.88433	82.64832	28.1354	9.075551	62.78905	43.62611	19.16294	27.67648	4
1654.435	1654.843	1293.843	97.22162	528.5768	90.64889	89.18566	0	10.22533	89.77467	89.77467	0	-9999	4
1654.44	1654.85	1293.85	93.91755	353.4753	89.72847	84.31216	0.520253	10.22306	89.25669	89.25669	0	-9999	4
1654.445	1654.857	1293.857	87.49822	357.4995	83.46254	74.45895	4.263307	12.49757	83.23913	76.35685	6.882274	-9999	4
1654.45	1654.864	1293.864	88.72545	191.0312	86.10579	79.48586	32.44535	5.680068	61.87458	42.32331	19.55127	28.97325	4
1654.455	1654.871	1293.871	88.46584	182.6068	87.26222	76.7482	23.74866	10.02709	66.22425	30.70858	35.51567	29.83832	4
1654.46	1654.878	1293.878	93.19774	174.7812	92.64313	86.5424	16.25926	14.03198	69.70876	55.45432	14.25444	29.73623	4
1654.465	1654.885	1293.885	92.97353	108.5142	91.80531	91.01469	37.25765	6.627047	56.1153	29.52505	26.59026	29.38459	4
1654.47	1654.892	1293.892	89.81107	157.6122	88.01743	83.15573	33.13234	6.49598	60.37168	23.86817	36.50351	29.19189	4
1654.475	1654.899	1293.899	89.11485	240.171	86.08219	81.5863	23.39608	7.594976	69.00895	32.89418	36.11477	28.05547	4
1654.48	1654.906	1293.906	93.25674	152.9754	93.53995	89.77567	14.98892	16.63693	68.37415	49.52177	18.85239	29.51661	4
1654.485	1654.913	1293.913	88.34784	133.0354	87.19142	82.51852	35.48771	6.816747	57.69554	24.99392	32.70162	29.43394	4

1654.49	1654.92	1293.92	92.17112	110.2826	91.60471	91.03829	32.90387	9.113398	57.98273	30.84474	27.13799	29.01049	4
1654.495	1654.928	1293.928	93.04434	132.8126	91.5457	88.46584	33.87296	6.805972	59.32107	27.08422	32.23685	29.40157	4
1654.5	1654.935	1293.935	87.65162	151.4297	88.94965	88.85525	12.65481	16.91408	70.43112	55.00681	15.4243	29.01291	4
1654.505	1654.942	1293.942	97.30422	150.4968	96.3366	96.2304	21.55895	12.35846	66.08259	44.23853	21.84405	28.75362	4
1654.51	1654.949	1293.949	84.31216	137.5052	83.00233	79.41506	39.30773	5.603475	55.0888	24.55442	30.53438	29.07869	4
1654.515	1654.956	1293.956	82.19991	301.0214	79.29705	79.53306	14.02606	12.19565	73.77829	59.98927	13.78902	26.22681	3
1654.52	1654.963	1293.963	83.79295	68.02154	84.45376	84.73696	41.32797	6.678686	51.99334	24.72102	27.27232	29.5476	3
1654.525	1654.97	1293.97	79.80446	44.41939	79.67466	79.15545	56.83637	1.273392	41.89023	26.09915	15.79109	31.80597	3
1654.53	1654.977	1293.977	80.33547	74.16227	79.46226	79.73366	54.91153	1.602132	43.48634	19.81464	23.6717	30.83213	3
1654.535	1654.984	1293.984	78.29403	80.02452	77.39721	77.44441	55.5539	1.499883	42.94622	22.99523	19.95098	30.72263	3
1654.54	1654.991	1293.991	79.71006	79.30044	79.15545	79.74546	51.77428	2.566823	45.6589	26.5395	19.1194	30.18998	3
1654.545	1654.998	1293.998	84.07615	75.8193	83.62774	83.96995	47.77684	3.922129	48.30103	25.21468	23.08635	30.0518	3
1654.55	1655.005	1294.005	83.88735	60.39087	83.87555	83.74574	48.3005	4.130513	47.56898	30.94851	16.62048	30.4308	3
1654.555	1655.012	1294.012	80.32367	68.89878	79.80446	78.21143	53.4526	2.114936	44.43247	17.14152	27.29094	31.05463	3
1654.56	1655.02	1294.02	82.45952	64.63787	81.8223	80.91369	53.43328	2.118275	44.44844	17.76546	26.68298	31.12848	3
1654.565	1655.027	1294.027	81.7161	53.65138	81.97571	82.95513	49.82561	3.59272	46.58167	14.77443	31.80724	30.42854	3
1654.57	1655.034	1294.034	83.66314	54.22228	83.72214	82.02291	49.45086	3.837698	46.71145	27.56615	19.1453	30.94983	3
1654.575	1655.041	1294.041	87.17961	50.93609	86.5896	85.56298	52.04082	2.889588	45.0696	14.25607	30.81352	31.41327	3
1654.58	1655.048	1294.048	88.96145	61.63016	88.48944	87.54542	46.89904	4.756529	48.34443	32.06202	16.28241	30.62413	3
1654.585	1655.055	1294.055	84.65436	55.75399	85.14997	86.4008	44.78454	5.756767	49.45869	22.11309	27.3456	29.88063	3
1654.59	1655.062	1294.062	84.60716	67.86837	84.04075	83.62774	50.12696	3.205519	46.66752	32.94084	13.72669	30.6387	3
1654.595	1655.069	1294.069	85.70458	49.82212	85.66918	85.31518	49.36918	4.10464	46.52617	27.69813	18.82805	30.84257	3
1654.6	1655.076	1294.076	84.91397	62.02005	84.96117	85.07917	46.50449	4.853913	48.6416	25.45311	23.18848	30.19374	3
1654.605	1655.083	1294.083	86.2238	55.16916	86.11759	85.49218	48.14624	4.454127	47.39963	16.7758	30.62383	30.68039	3
1654.61	1655.09	1294.09	88.94965	64.3176	88.39504	87.87583	46.8997	4.617235	48.48307	21.59125	26.89182	30.51461	3
1654.615	1655.097	1294.097	87.76963	82.78158	87.26222	85.91699	43.15123	5.559271	51.2895	21.21571	30.07379	29.96157	3
1654.62	1655.104	1294.104	88.06463	88.92232	87.85223	88.47764	39.10747	7.178979	53.71355	18.53401	35.17954	29.18968	3
1654.625	1655.111	1294.111	85.37418	68.21648	84.51276	83.80475	51.62336	2.554701	45.82194	15.68423	30.13772	30.94364	3
1654.63	1655.119	1294.119	84.21775	63.38465	83.62774	82.37692	51.75317	2.704187	45.54264	28.35707	17.18557	31.06687	3
1654.635	1655.126	1294.126	86.82561	94.24151	85.51578	83.89915	47.46516	3.261925	49.27292	16.8778	32.39512	30.27618	3
1654.64	1655.133	1294.133	88.87885	76.64085	88.33604	88.13543	43.89116	5.464659	50.64418	32.98653	17.65765	29.95586	3
1654.645	1655.14	1294.14	94.15356	83.1297	94.71997	95.14478	28.87165	14.04984	57.07851	40.31456	16.76395	28.86424	3
1654.65	1655.147	1294.147	87.68703	74.1762	87.62802	87.16781	41.83456	6.572771	51.59267	28.54125	23.05142	29.77434	3
1654.655	1655.154	1294.154	87.72243	103.8216	86.3182	84.52456	45.05331	3.808099	51.13859	35.81466	15.32393	29.96713	3
1654.66	1655.161	1294.161	86.212	80.35871	84.52456	83.34454	54.31578	0.978956	44.70527	15.56112	29.14415	31.33017	3
1654.665	1655.168	1294.168	90.17688	134.2747	88.54844	81.7515	37.16317	5.624076	57.21276	22.47336	34.7394	30.03613	3
1654.67	1655.175	1294.175	91.2979	130.9467	90.75509	87.41562	28.52362	10.19634	61.28004	41.03733	20.24271	29.17536	3
1654.675	1655.182	1294.182	98.64945	138.6052	98.05944	97.29242	20.27264	14.57801	65.14935	49.69901	15.45034	28.94012	3
1654.68	1655.189	1294.189	104.113	105.228	103.8298	99.86488	20.94574	18.99033	60.06392	37.67734	22.38658	29.44392	3
1654.685	1655.196	1294.196	105.824	91.1224	105.3402	102.4963	24.33983	18.02075	57.63942	42.90091	14.73852	29.27912	3
1654.69	1655.203	1294.203	106.2724	115.4208	106.7208	103.0627	10.82238	28.79425	60.38336	48.86386	11.5195	29.21905	3
1654.695	1655.21	1294.21	107.9952	162.5694	109.9423	113.8718	0	50.75573	49.24427	49.24427	0	-9999	3
1654.7	1655.218	1294.218	109.1281	178.7776	109.8361	114.7568	0	40.39549	59.60451	59.60451	0	-9999	3
1654.705	1655.225	1294.225	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1655.01	1655.653	1294.653	115.3468	212.6282	115.2052	116.8454	0	43.28363	56.71637	56.71637	0	-9999	3
1655.015	1655.658	1294.658	106.827	210.1496	106.0364	99.98288	0	24.22884	75.77116	75.77116	0	-9999	3
1655.02	1655.663	1294.663	104.6204	207.1002	102.2957	98.64945	11.64704	9.955703	78.39726	53.76915	24.62811	30.40451	3
1655.025	1655.668	1294.668	98.94446	175.3243	97.90604	94.48397	14.59039	14.47096	70.93866	42.10421	28.83445	29.60568	3
1655.03	1655.674	1294.674	97.96504	133.3556	97.03282	94.30696	24.8248	11.7518	63.4234	47.66777	15.75563	29.31181	3
1655.035	1655.679	1294.679	100.0537	110.1991	98.96806	96.56081	29.69601	10.37585	59.92813	34.10262	25.82551	29.56244	3
1655.04	1655.684	1294.684	100.2897	187.6475	100.0773	96.372	3.96892	21.5765	74.45458	70.14342	4.311158	-9999	3
1655.045	1655.69	1294.69	103.5466	160.1326	103.936	103.6292	2.967176	27.62683	69.40599	68.67035	0.735645	-9999	3
1655.05	1655.695	1294.695	105.0216	136.6697	105.4464	103.5466	7.013815	28.25899	64.7272	50.4303	14.29689	-9999	3
1655.055	1655.7	1294.7	106.9922	148.8398	106.65	105.4936	8.20004	24.45223	67.34773	61.437	5.910724	29.37082	3
1655.06	1655.705	1294.705	104.0776	178.9865	102.7087	101.7057	11.54234	15.23177	73.22589	54.7827	18.44319	29.60205	3
1655.065	1655.711	1294.711	102.7087	137.4773	102.3901	98.41345	14.70766	19.54672	65.74562	43.80199	21.94363	29.64907	3
1655.07	1655.716	1294.716	97.71723	198.1606	95.48699	89.89367	19.42969	8.703562	71.86675	46.37771	25.48904	29.72467	3
1655.075	1655.721	1294.721	98.56685	143.7851	97.72903	95.26278	21.01558	13.35689	65.62753	44.04159	21.58593	29.25044	3
1655.08	1655.727	1294.727	99.35747	145.6371	99.94748	99.19226	8.774359	23.31462	67.91102	64.64224	3.268784	29.35744	3
1655.085	1655.732	1294.732	100.5611	140.9306	100.9859	98.54325	10.08632	23.14241	66.77126	51.3769	15.39436	29.53871	3
1655.09	1655.737	1294.737	94.38956	110.3801	93.44554	91.85251	33.76577	8.383137	57.85109	25.37117	32.47993	29.35418	3
1655.095	1655.743	1294.743	92.37172	68.63422	91.84071	90.24768	42.52387	6.559832	50.9163	25.25734	25.65896	30.29929	3
1655.1	1655.748	1294.748	88.01743	107.6369	87.21502	85.17357	39.19455	6.268073	54.53738	20.29664	34.24074	29.45309	3
1655.105	1655.753	1294.753	88.94965	105.5483	87.76963	84.40656	41.76883	5.052398	53.17877	36.12663	17.05214	29.9909	3
1655.11	1655.758	1294.758	91.1563	165.7024	90.51908	86.566	20.97462	12.07508	66.95029	41.32891	25.62138	29.06666	3
1655.115	1655.764	1294.764	91.56931	181.4929	91.91151	90.28308	9.182859	17.67178	73.14536	52.58081	20.56455	29.42634	3
1655.12	1655.769	1294.769	95.25098	171.5786	95.43978	97.36322	9.383851	18.88003	71.73612	61.03123	10.70489	28.85386	3
1655.125	1655.774	1294.774	96.4192	153.0171	94.51937	88.73725	28.98794	7.144496	63.86756	33.16517	30.7024	29.83881	3
1655.13	1655.78	1294.78	98.04764	203.1595	97.95324	100.5611	1.363186	21.55379	77.08302	77.08302	0	-9999	3
1655.135	1655.785	1294.785	103.4994	242.4964	106.8388	114.273	0	59.42953	40.57047	40.57047	0	-9999	3
1655.14	1655.79	1294.79	104.2192	220.6348	108.1722	110.2727	0	66.01937	33.98063	33.98063	0	-9999	3
1655.145	1655.795	1294.795	107.4052	67.50633	107.6884	107.8536	22.65581	25.59044	51.75375	35.56341	16.19034	28.0964	3
1655.15	1655.801	1294.801	103.4285	69.14943	103.4049	104.0658	28.29448	17.96913	53.73639	27.78757	25.94882	28.68626	3

1655.155	1655.806	1294.806	102.4845	107.8876	102.4845	102.1541	19.60544	19.78379	60.61077	35.42652	25.18425	28.74836	3
1655.16	1655.811	1294.811	104.1248	123.4553	103.4049	101.8827	19.90761	16.66737	63.42502	36.44394	26.98107	29.15768	3
1655.165	1655.817	1294.817	106.296	158.0857	106.4494	104.0658	2.762066	28.91345	68.32448	68.32448	0	-9999	3
1655.17	1655.822	1294.822	109.7653	112.8587	110.9335	114.0724	2.650411	42.47594	54.87364	54.87364	0	-9999	3
1655.175	1655.827	1294.827	108.4555	53.58175	108.8685	110.2137	24.05338	27.58907	48.35754	17.87665	30.48089	27.64703	3
1655.18	1655.832	1294.832	99.49907	62.13144	98.64945	97.59923	40.00958	8.326049	51.66437	27.35591	24.30846	30.22663	3
1655.185	1655.838	1294.838	97.45763	52.71843	97.52843	97.88243	37.03241	11.92901	51.03858	24.69618	26.3424	29.53167	3
1655.19	1655.843	1294.843	98.99166	75.41548	99.06246	99.45187	30.12842	14.76612	55.10547	35.25731	19.84816	28.9438	3
1655.195	1655.848	1294.848	97.98864	71.07102	98.11844	99.47547	31.6453	13.97358	54.38112	29.00006	25.38106	28.86492	3
1655.2	1655.854	1294.854	97.98864	84.92597	97.94144	98.68485	29.66418	13.81612	56.51971	29.10843	27.41128	28.85798	3
1655.205	1655.859	1294.859	97.18622	90.69074	97.48123	99.23946	26.35522	15.61056	58.03422	39.34146	18.69276	28.50794	3
1655.21	1655.864	1294.864	96.52541	83.51959	97.13902	99.95928	26.22939	16.42431	57.3463	39.19546	18.15084	28.31093	3
1655.215	1655.87	1294.87	99.03886	71.93434	99.59347	100.0065	27.1779	17.76363	55.05846	29.89458	25.16388	28.73677	3
1655.22	1655.875	1294.875	102.4373	65.01383	102.5553	101.7411	29.10979	17.7522	53.138	34.92881	18.20919	29.00246	3
1655.225	1655.88	1294.88	101.0095	61.32382	100.3959	99.23946	36.98639	10.85347	52.16014	20.09597	32.06416	29.8987	3
1655.23	1655.885	1294.885	103.2751	73.91163	103.5938	102.7441	24.63105	20.89413	54.47482	31.66959	22.80523	28.7185	3
1655.235	1655.891	1294.891	101.1747	69.74818	101.3517	101.0095	28.66844	17.19414	54.13743	39.51589	14.62154	28.93151	3
1655.24	1655.896	1294.896	100.9269	80.08022	101.1393	100.2071	26.12171	17.89435	55.98394	38.16789	17.81605	28.93548	3
1655.245	1655.901	1294.901	100.8915	71.66977	100.6555	99.26306	31.66478	14.09835	54.23687	27.34862	26.88825	29.39949	3
1655.25	1655.907	1294.907	101.1511	68.96841	101.3753	102.1895	28.51305	17.46137	54.02559	23.42961	30.59598	28.70022	3
1655.255	1655.912	1294.912	103.7708	59.69464	104.0422	104.703	27.98141	20.14024	51.87835	34.89497	16.98338	28.53535	3
1655.26	1655.917	1294.917	104.9862	72.33815	105.0688	107.9834	25.26672	20.83936	53.89392	28.14098	25.75294	28.00809	3
1655.265	1655.922	1294.922	99.98288	88.58813	99.23946	94.61377	32.33889	11.10356	56.55754	26.05663	30.50092	30.11027	3
1655.27	1655.928	1294.928	101.0449	83.43604	100.8797	99.78227	28.1275	15.52859	56.34392	22.62167	33.72225	29.12081	3
1655.275	1655.933	1294.933	103.9832	54.37546	103.9596	105.2576	31.35954	17.57086	51.0696	17.81405	33.25556	28.71576	3
1655.28	1655.938	1294.938	101.9063	86.52729	101.5523	100.8207	28.05014	15.12836	56.8215	28.3877	28.43379	29.07873	3
1655.285	1655.944	1294.944	99.47547	95.03521	98.97986	96.57261	29.32503	12.80422	57.87076	25.57177	32.29899	29.46764	3
1655.29	1655.949	1294.949	109.2461	133.3556	108.1014	104.1012	16.09239	17.71705	66.19056	36.26055	29.93002	29.8022	3
1655.295	1655.954	1294.954	107.4524	55.46157	107.8536	107.6412	24.6127	26.03298	49.35432	33.63626	15.71806	28.10733	3
1655.3	1655.959	1294.959	108.5263	59.62502	108.9629	110.4261	22.34287	28.3619	49.29523	37.10612	12.18911	27.57149	3
1655.305	1655.965	1294.965	106.4848	42.94338	106.65	107.712	30.36135	21.50232	48.13634	23.7878	24.34854	28.3914	3
1655.31	1655.97	1294.97	103.9242	71.01532	104.2192	105.1396	24.91777	21.28844	53.79379	31.85321	21.94058	28.35697	3
1655.315	1655.975	1294.975	105.5408	100.2151	106.06	107.9362	14.62652	27.37793	57.99555	48.96532	9.030228	28.01659	3
1655.32	1655.981	1294.981	109.6119	58.85917	109.8597	110.1429	22.99267	27.99835	49.00898	19.48248	29.5265	27.77289	3
1655.325	1655.986	1294.986	112.9277	62.59095	113.3526	114.5798	17.6672	36.36578	45.96703	31.87727	14.08976	26.75225	3
1655.33	1655.991	1294.991	119.9607	40.31164	120.3029	120.8103	17.22865	50.22145	32.5499	9.588416	22.96149	24.66257	3
1655.335	1655.996	1294.996	117.5416	75.26231	117.99	118.1907	10.17304	48.03164	41.79532	31.39669	10.39863	25.84742	3
1655.34	1656.002	1295.002	108.5499	86.31842	108.6089	108.4791	18.78782	26.20823	55.00396	40.69857	14.30538	28.17607	3
1655.345	1656.007	1295.007	111.7359	88.43496	112.1725	112.9631	12.41797	35.93578	51.64625	40.87485	10.7714	27.33193	3
1655.35	1656.012	1295.012	112.0781	82.71196	112.1725	111.6415	16.14021	31.88335	51.97644	42.91039	9.066052	27.70473	3
1655.355	1656.018	1295.018	104.8328	135.2633	104.5614	100.9977	12.92352	21.84747	65.22901	51.57604	13.65298	29.56423	3
1655.36	1656.023	1295.023	97.96504	144.2446	97.33962	90.89669	19.81191	14.30255	65.88554	33.15586	32.72968	29.96162	3
1655.365	1656.028	1295.028	93.69335	110.032	92.70213	89.20926	34.85634	7.830543	57.31312	41.02683	16.28629	29.73435	3
1655.37	1656.034	1295.034	106.0246	125.0566	106.8388	108.7033	5.883493	32.56349	61.55302	59.10699	2.446028	-9999	3
1655.375	1656.039	1295.039	102.2957	139.4128	101.1629	98.69665	20.92941	13.30407	65.76652	37.87099	27.89553	29.42405	3
1655.38	1656.044	1295.044	99.59347	80.16376	98.75565	96.3602	35.46746	9.676145	54.8564	29.52689	25.32951	29.96374	3
1655.385	1656.049	1295.049	101.4461	95.92638	100.7971	103.5466	28.48525	13.2627	58.25205	26.26716	31.98489	28.5206	3
1655.39	1656.055	1295.055	107.4524	85.60827	108.1368	109.1163	15.12235	30.94532	53.93233	29.45833	24.474	27.77763	3
1655.395	1656.06	1295.06	114.3438	67.07467	115.0872	114.1904	12.81019	44.19173	42.99807	32.86663	10.13145	26.5081	3
1655.4	1656.065	1295.065	110.7211	75.54081	110.3081	107.9834	23.05653	23.28775	53.65572	26.63253	27.02319	28.68999	3
1655.405	1656.071	1295.071	103.6292	353.5449	99.46367	95.59319	0	6.860697	93.1393	93.1393	0	-9999	3
1655.41	1656.076	1295.076	107.7474	626.9539	100.8207	91.79351	0	2.241742	97.75826	97.75826	0	-9999	3
1655.415	1656.081	1295.081	110.3435	420.2575	105.3992	94.99138	0	0.685164	99.31484	99.31484	0	-9999	3
1655.42	1656.086	1295.086	100.8325	351.0942	99.28666	93.64615	0	24.01034	75.98966	75.98966	0	-9999	3
1655.425	1656.092	1295.092	90.86129	206.5014	88.63104	83.81655	23.71868	8.300804	67.98052	48.40196	19.57856	28.69603	3
1655.43	1656.097	1295.097	87.76963	61.86688	87.16781	85.79899	48.94421	3.808181	47.24761	21.52006	25.72756	30.90276	3
1655.435	1656.102	1295.102	91.4159	60.3491	91.0855	90.03527	43.85354	6.408031	49.73843	23.894	25.84443	30.37693	3
1655.44	1656.108	1295.108	88.48944	130.5429	88.79625	91.84071	24.62059	12.17933	63.20008	29.01338	34.1867	27.90705	3
1655.445	1656.113	1295.113	87.19142	118.1082	86.76661	85.29158	34.49398	8.006404	57.49962	41.10886	16.39076	28.91272	3
1655.45	1656.118	1295.118	88.63104	68.5089	87.87583	87.02621	47.73321	4.020269	48.24652	25.1353	23.11122	30.6099	3
1655.455	1656.123	1295.123	90.73149	65.97462	89.91727	88.08823	46.87135	4.425062	48.70359	16.18308	32.5205	30.82178	3
1655.46	1656.129	1295.129	92.52512	141.0838	92.44252	91.91151	21.37478	13.59671	65.02851	50.41181	14.6167	28.66793	3
1655.465	1656.134	1295.134	94.05916	143.2142	93.82315	91.02649	20.63677	13.93273	65.4305	36.67947	28.75103	29.13966	3
1655.47	1656.139	1295.139	92.44252	139.3432	90.51908	90.10608	36.13848	5.253007	58.60851	28.69649	29.91202	28.92673	3
1655.475	1656.145	1295.145	93.07974	150.2044	91.84071	90.73149	27.61963	9.158706	63.22166	38.46522	24.75644	28.68941	3
1655.48	1656.15	1295.15	95.75839	124.973	95.00318	89.71667	27.51173	10.99803	61.49025	28.73111	32.75914	29.75417	3
1655.485	1656.155	1295.155	96.136	138.5773	94.27156	90.80229	32.46856	6.283032	61.24841	41.78598	19.46243	29.60761	3
1655.49	1656.161	1295.161	98.56685	188.6501	98.10664	95.33358	7.231796	18.70331	74.0649	63.73025	10.33465	-9999	3
1655.495	1656.166	1295.166	95.72299	146.8625	96.4192	92.94993	10.99847	20.43062	68.57091	54.52431	14.0466	29.75986	3
1655.5	1656.171	1295.171	90.89669	70.16592	90.80229	90.34208	40.12651	7.814898	52.0586	21.84568	30.21292	29.76711	3
1655.505	1656.176	1295.176	90.67249	50.74114	91.2153	91.2153	40.09517	9.133897	50.77093	28.74613	22.0248	29.83837	3
1655.51	1656.182	1295.182	86.12939	49.71072	85.84619	85.59838	50.92581	3.447751	45.62644	15.19746	30.42898	31.05313	3
1655.515	1656.187	1295.187	83.75754	124.6667	82.54212	83.72214	42.19326	4.886686	52.92005	34.30505	18.61501	28.54724	3

1655.52	1656.192	1295.192	83.91095	130.9885	83.43894	88.51304	34.7608	7.519791	57.71941	26.6742	31.04521	27.3544	3
1655.525	1656.198	1295.198	80.76028	87.62733	80.27647	79.87526	48.24425	3.589584	48.16616	16.02939	32.13678	29.8452	3
1655.53	1656.203	1295.203	79.60386	128.0086	79.67466	79.89887	35.23766	7.345179	57.41716	26.86379	30.55337	28.08741	3
1655.535	1656.208	1295.208	77.90462	75.95854	76.524	74.90736	60.64565	0.114957	39.23939	21.51384	17.72555	31.93548	3
1655.54	1656.213	1295.213	78.27043	51.36775	78.43564	79.55666	54.27988	1.957754	43.76236	17.31673	26.44564	30.88066	3
1655.545	1656.219	1295.219	86.2356	113.4156	85.38598	84.61896	39.8012	5.906219	54.29258	21.11771	33.17487	29.07179	3
1655.55	1656.224	1295.224	92.78473	81.44482	91.80531	92.07672	42.51891	5.581025	51.90007	34.90794	16.99213	29.87566	3
1655.555	1656.229	1295.229	91.0855	137.0456	90.89669	86.3536	24.49953	12.02546	63.47501	43.70115	19.77386	29.32714	3
1655.56	1656.235	1295.235	85.46858	178.9586	84.37116	79.69826	26.56595	9.317667	64.11638	41.21748	22.8989	28.5068	3
1655.565	1656.24	1295.24	87.89943	118.9715	86.4952	85.18537	41.22418	4.87339	53.90243	23.7834	30.11902	29.31685	3
1655.57	1656.245	1295.245	85.40958	91.49837	84.32396	82.40052	47.69416	3.43537	48.87047	19.30575	29.56473	30.29091	3
1655.575	1656.25	1295.25	86.4834	97.29099	85.66918	85.59838	43.20103	5.013419	51.78555	25.74857	26.03698	29.45817	3
1655.58	1656.256	1295.256	87.71063	49.00057	87.08521	86.76661	52.29504	2.832886	44.87208	13.94633	30.92575	31.36584	3
1655.585	1656.261	1295.261	86.6132	70.27732	86.2474	86.01139	46.14375	4.750649	49.1056	34.61142	14.49418	30.1695	3
1655.59	1656.266	1295.266	86.4834	130.0137	87.72243	89.96447	19.3695	14.41701	66.21349	39.87014	26.34335	28.24956	3
1655.595	1656.272	1295.272	86.11759	137.9368	87.00261	89.05585	20.53221	13.43427	66.03352	40.8201	25.21342	28.11247	3
1655.6	1656.277	1295.277	86.2356	136.3355	83.89915	78.64804	45.77754	2.752592	51.46987	17.67	33.79987	30.07811	3
1655.605	1656.282	1295.282	86.4952	102.1089	85.05557	83.02593	46.87119	3.29247	49.83634	31.61239	18.22395	30.13547	3
1655.61	1656.288	1295.288	96.99742	143.6459	95.15658	93.20954	30.26656	6.968214	62.76522	31.45709	31.30813	29.267	3
1655.615	1656.293	1295.293	92.76113	77.74089	92.46612	91.60471	38.13276	8.466314	53.40092	34.83449	18.56644	29.66651	3
1655.62	1656.298	1295.298	94.74357	186.2969	92.78473	90.10608	22.93309	8.723224	68.34369	43.89865	24.44504	28.8688	3
1655.625	1656.303	1295.303	99.12146	422.8057	96.1832	88.11183	0	20.0526	79.9474	79.9474	0	-9999	3
1655.63	1656.309	1295.309	92.25372	113.722	91.93511	91.1445	30.07506	10.50651	59.41843	42.99201	16.42642	28.90805	3
1655.635	1656.314	1295.314	98.15384	228.8364	96.63161	94.42496	6.117345	14.85186	79.0308	65.38483	13.64597	-9999	3
1655.64	1656.319	1295.319	99.44007	149.9119	97.49303	91.06189	27.32601	7.436109	65.23788	46.96514	18.27274	30.18135	3
1655.645	1656.325	1295.325	96.93842	139.009	95.77019	90.56628	26.23021	10.28656	63.48323	30.52528	32.95795	29.72934	3
1655.65	1656.33	1295.33	92.23012	156.359	90.61349	86.5896	29.83831	7.658102	62.50358	34.89583	27.60776	29.14953	3
1655.655	1656.335	1295.335	96.61981	143.4509	95.13298	93.23314	27.91758	8.730466	63.35195	36.98151	26.37044	29.13234	3
1655.66	1656.34	1295.34	98.82645	146.1245	97.90604	99.09786	20.85079	13.15921	65.99	44.02168	21.96832	28.58418	3
1655.665	1656.346	1295.346	100.9269	141.4876	99.56987	99.07426	23.42423	11.15409	65.42168	47.21611	18.20557	29.05062	3
1655.67	1656.351	1295.351	105.6352	236.8431	102.8385	97.59923	7.173698	8.420517	84.40579	79.80432	4.601464	-9999	3
1655.675	1656.356	1295.356	105.1868	184.9183	103.8062	100.3015	9.177794	16.17078	74.65143	69.69522	4.956204	30.27035	3
1655.68	1656.362	1295.362	99.95928	179.07	97.52843	94.68457	23.54161	6.59594	69.86245	35.71442	34.14803	29.47286	3
1655.685	1656.367	1295.367	93.98835	88.93624	92.64313	90.62529	42.43366	4.847251	52.71909	35.92264	16.79646	30.31354	3
1655.69	1656.372	1295.372	93.03254	85.3994	92.12392	89.96447	40.78521	6.273476	52.94132	19.19351	33.74781	30.11924	3
1655.695	1656.377	1295.377	96.3838	125.4882	94.74357	90.44828	33.67056	6.628736	59.70071	34.12204	25.57867	29.90973	3
1655.7	1656.383	1295.383	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1656.015	1656.716	1295.716	107.1338	44.58648	107.6058	104.0658	26.98888	25.52445	47.48667	21.20035	26.28633	28.78512	3
1656.02	1656.721	1295.721	110.3199	40.799	110.6267	111.5943	26.25459	28.61607	45.12934	15.60698	29.52236	27.53428	3
1656.025	1656.727	1295.727	111.7241	40.07492	111.5943	111.5943	28.52165	25.66114	45.81721	17.94453	27.87267	27.99589	3
1656.03	1656.732	1295.732	112.7035	40.6319	112.6917	113.3762	26.57128	28.76422	44.66451	26.03874	18.62577	27.47364	3
1656.035	1656.737	1295.737	114.4028	59.93136	115.0046	115.276	15.58201	41.80056	42.61743	16.02353	26.5939	26.33685	3
1656.04	1656.743	1295.743	110.2137	91.66546	110.8627	111.1105	11.39051	35.84895	52.76054	38.49039	14.27015	27.61033	3
1656.045	1656.748	1295.748	112.9041	46.95366	112.9867	112.6327	24.12524	30.76203	45.11273	33.486	11.62673	27.44363	3
1656.05	1656.753	1295.753	118.5919	51.07533	119.3943	121.3177	12.31653	55.4498	32.23367	15.13112	17.10254	24.25329	3
1656.055	1656.758	1295.758	115.4058	65.44549	116.043	117.4236	13.05046	45.06333	41.88621	36.45111	5.435106	25.87399	3
1656.06	1656.764	1295.764	115.6654	94.39468	116.9162	118.6627	1.050421	57.24398	41.7056	41.7056	0	-9999	3
1656.065	1656.769	1295.769	110.6031	247.4397	116.279	119.7719	0	100	0	0	0	-9999	3
1656.07	1656.774	1295.774	106.3432	230.5213	108.1014	107.3226	0	49.61658	50.38342	50.38342	0	-9999	3
1656.075	1656.78	1295.78	101.4107	152.0424	99.98288	98.77925	20.97356	11.61894	67.4075	48.58116	18.82633	29.19889	3
1656.08	1656.785	1295.785	96.69061	148.2131	95.12118	95.23918	27.34016	8.635104	64.02474	44.68742	19.33732	28.72869	3
1656.085	1656.79	1295.79	103.3223	185.3639	103.9596	100.3369	0	31.09826	68.90174	68.90174	0	-9999	3
1656.09	1656.796	1295.796	98.43705	106.9825	97.31602	93.31574	32.23608	9.098377	58.66554	35.41607	23.24947	29.93039	3
1656.095	1656.801	1295.801	94.60197	100.981	93.78775	92.05312	34.83897	8.490114	56.67092	39.53817	17.13275	29.50433	3
1656.1	1656.806	1295.806	96.69061	155.7463	95.47519	91.62831	22.77357	11.04995	66.17648	38.13657	28.03991	29.37667	3
1656.105	1656.811	1295.811	98.02404	136.9621	97.62283	94.89697	19.78242	15.19668	65.02089	49.17036	15.85053	29.26827	3
1656.11	1656.817	1295.817	96.91482	100.4936	96.4192	96.84401	30.35989	11.44342	58.19669	33.13028	25.06642	28.92127	3
1656.115	1656.822	1295.822	96.3248	95.29977	95.86459	94.75537	31.88526	10.92074	57.194	30.42639	26.76761	29.28447	3
1656.12	1656.827	1295.827	99.40467	75.90284	99.08606	96.79681	32.64842	12.60877	54.74281	24.91654	29.82627	29.64136	3
1656.125	1656.833	1295.833	100.0773	48.47144	99.98288	99.68787	36.93043	12.80428	50.26529	19.34949	30.9158	29.64228	3
1656.13	1656.838	1295.838	99.74687	73.06223	99.33386	97.32782	33.75263	12.06078	54.18659	27.43655	26.75003	29.69243	3
1656.135	1656.843	1295.843	103.7354	111.4105	103.2987	99.21586	20.98585	17.79856	61.21559	39.53158	21.68401	29.52141	3
1656.14	1656.848	1295.848	103.2869	110.8535	102.7087	101.5287	22.6306	16.24727	61.12214	39.88564	21.2365	29.04752	3
1656.145	1656.854	1295.854	101.1865	91.84648	99.93568	97.30422	34.37547	8.648019	56.97651	33.96094	23.01557	30.01011	3
1656.15	1656.859	1295.859	101.7529	191.4629	98.93266	95.52239	21.9103	5.128344	72.96135	54.02286	18.93849	29.80079	3
1656.155	1656.864	1295.864	95.38078	208.5344	92.67853	89.48066	22.72684	6.780641	70.49252	39.23415	31.25837	28.88895	3
1656.16	1656.87	1295.87	101.3871	141.3483	99.88848	97.39863	24.13195	10.40558	65.46247	43.57049	21.89198	29.47135	3
1656.165	1656.875	1295.875	109.0337	87.47416	109.1399	110.6385	17.69721	27.4884	54.81439	32.82862	21.98577	27.78626	3
1656.17	1656.88	1295.88	116.1374	57.73128	116.8926	116.7982	13.32969	48.22022	38.45009	26.61391	11.83618	25.67587	3
1656.175	1656.885	1295.885	114.686	60.00098	114.7922	114.9338	19.14559	35.29592	45.55849	21.2816	24.27689	26.88935	3
1656.18	1656.891	1295.891	112.7979	62.88337	113.1519	114.4854	18.26456	35.19326	46.54218	28.2807	18.26148	26.83052	3
1656.185	1656.896	1295.896	108.5381	84.28544	108.6797	109.3759	18.65049	26.92093	54.42858	39.59661	14.83197	27.95596	3
1656.19	1656.901	1295.901	102.1187	91.09455	102.1777	104.6794	23.54863	18.72619	57.72517	26.62138	31.10379	28.22133	3

1656.195	1656.907	1295.907	104.231	69.78996	104.526	107.4052	24.93205	21.58439	53.48357	21.9068	31.57676	27.96192	3
1656.2	1656.912	1295.912	104.408	73.9534	104.054	105.6234	28.7915	16.58308	54.62541	23.28468	31.34073	28.61454	3
1656.205	1656.917	1295.917	104.3136	40.07492	104.6558	105.0688	31.68128	20.08691	48.23181	20.79388	27.43792	28.71302	3
1656.21	1656.923	1295.923	96.70241	49.33476	96.1832	95.23918	43.11865	7.723534	49.15781	22.39149	26.76632	30.51387	3
1656.215	1656.928	1295.928	94.24796	116.5487	93.76415	90.24768	28.83663	11.00554	60.15783	44.14838	16.00945	29.42893	3
1656.22	1656.933	1295.933	95.16838	93.35033	94.34236	93.43374	36.25594	8.192334	55.55172	28.31978	27.23194	29.52672	3
1656.225	1656.938	1295.938	97.92964	138.2989	96.3484	92.54873	28.69096	8.322672	62.98636	26.56818	36.41819	29.62219	3
1656.23	1656.944	1295.944	100.8561	220.8855	98.13024	95.28638	14.88349	7.689705	77.42681	53.61228	23.81453	29.71187	3
1656.235	1656.949	1295.949	94.10636	165.8556	93.59895	90.49548	17.21753	14.13837	68.6441	55.89545	12.74865	29.20292	3
1656.24	1656.954	1295.954	87.41562	131.9771	85.99959	83.35634	38.6134	5.595591	55.79101	25.05387	30.73714	29.15751	3
1656.245	1656.96	1295.96	85.81079	87.8362	84.68976	82.74272	48.48564	3.182482	48.33187	16.92594	31.40593	30.46756	3
1656.25	1656.965	1295.965	92.72573	153.1146	91.2861	89.43346	28.79573	8.343634	62.86064	36.36319	26.49745	28.78893	3
1656.255	1656.97	1295.97	96.59621	108.1243	95.89999	94.56657	30.36107	10.63955	58.99938	28.40911	30.59028	29.21887	3
1656.26	1656.975	1295.975	105.3756	135.6671	106.8388	107.7592	0	38.37775	61.62225	61.62225	0	-9999	3
1656.265	1656.981	1295.981	114.3084	64.22013	115.7008	117.1758	8.503704	53.45259	38.0437	23.99796	14.04574	25.42487	3
1656.27	1656.986	1295.986	119.8309	29.03273	120.2675	121.2469	19.34594	50.86853	29.78553	8.654729	21.1308	24.37385	3
1656.275	1656.991	1295.991	117.046	65.61259	118.4975	120.9991	5.190827	62.93738	31.87179	31.87179	0	-9999	3
1656.28	1656.997	1295.997	113.447	65.7936	114.8394	116.692	8.915427	51.15092	39.93365	23.57463	16.35902	25.6579	3
1656.285	1657.002	1296.002	113.7774	61.12887	114.509	115.9958	14.86162	42.29335	42.84502	27.74335	15.10167	26.15118	3
1656.29	1657.007	1296.007	108.7623	54.48685	108.7505	108.5971	26.84436	23.61426	49.54138	17.85769	31.68369	28.28203	3
1656.295	1657.012	1296.012	103.4639	46.14603	103.9596	103.818	29.80485	20.70997	49.48518	36.13823	13.34695	28.70377	3
1656.3	1657.018	1296.018	104.1602	52.99692	104.585	105.0452	28.05513	21.47143	50.47345	31.94559	18.52785	28.46756	3
1656.305	1657.023	1296.023	98.41345	51.98043	98.61405	98.59045	35.32568	13.50292	51.17139	20.71144	30.45996	29.41096	3
1656.31	1657.028	1296.028	94.96778	74.14835	94.48397	93.57535	38.43527	8.551708	53.01302	18.28217	34.73085	29.79942	3
1656.315	1657.034	1296.034	94.27156	77.97761	93.84675	93.92935	37.69185	8.710195	53.59795	29.40147	24.19649	29.50076	3
1656.32	1657.039	1296.039	103.641	74.98382	103.1217	102.0243	30.52812	14.59457	54.87731	34.8603	20.01701	29.29084	3
1656.325	1657.044	1296.044	102.6379	65.72398	102.3193	102.9447	32.1371	14.63882	53.22408	22.07217	31.15191	29.04221	3
1656.33	1657.05	1296.05	107.8536	82.39169	107.889	108.4555	20.56151	24.73353	54.70497	26.11149	28.59348	28.12326	3
1656.335	1657.055	1296.055	98.67305	79.39791	98.36624	99.23946	32.38425	12.36251	55.25324	20.56051	34.69273	29.02485	3
1656.34	1657.06	1296.06	102.5199	91.19202	102.3665	101.4343	24.80207	17.51237	57.68556	38.12918	19.55639	28.92449	3
1656.345	1657.065	1296.065	99.94748	80.83214	99.75867	99.08606	29.95017	14.23833	55.81149	25.5826	30.22889	29.1429	4
1656.35	1657.071	1296.071	100.8797	75.98639	100.6083	99.45187	30.90537	14.13072	54.96391	33.18244	21.78148	29.30025	4
1656.355	1657.076	1296.076	96.45461	139.371	95.52239	93.55175	24.75867	11.37586	63.86547	37.10384	26.76163	29.06911	4
1656.36	1657.081	1296.081	94.77897	131.6986	95.01498	95.34538	19.10325	16.08161	64.81514	49.89383	14.92131	28.65921	4
1656.365	1657.087	1296.087	90.97929	63.84416	90.92029	90.75509	41.30602	7.587051	51.10693	21.29177	29.81515	29.87686	4
1656.37	1657.092	1296.092	97.22162	67.93799	95.80559	94.03556	45.08934	4.239	50.67166	33.25227	17.41938	30.94949	4
1656.375	1657.097	1296.097	99.48727	103.4178	99.74687	99.93568	21.43266	18.36377	60.20357	35.01694	25.18663	28.67384	4
1656.38	1657.102	1296.102	99.67607	78.2561	99.54627	100.3251	30.36601	14.23058	55.40341	31.7294	23.674	28.89317	4
1656.385	1657.108	1296.108	92.79653	104.1419	92.65493	92.07672	30.52228	10.98929	58.48842	38.86049	19.62793	28.96178	4
1656.39	1657.113	1296.113	81.12609	30.42519	81.25589	81.12609	56.99513	1.44573	41.55914	25.09695	16.46219	32.05839	4
1656.395	1657.118	1296.118	87.81683	74.70533	87.26222	86.4952	45.42807	4.862684	49.70925	16.26389	33.44536	30.18193	4
1656.4	1657.124	1296.124	88.20624	188.2045	86.77841	85.91699	24.37045	9.538425	66.09113	33.48959	32.60154	27.9261	4
1656.405	1657.129	1296.129	88.26524	302.6088	83.02593	78.94305	26.16928	5.033603	68.79711	42.05867	26.73844	26.81026	4
1656.41	1657.134	1296.134	111.7241	610.9406	104.939	108.3374	0	0	100	100	0	-9999	6
1656.415	1657.139	1296.139	115.0164	301.6759	109.3759	106.3196	4.893364	0	95.10664	76.10693	18.99971	-9999	6
1656.42	1657.145	1296.145	110.2373	195.5706	108.6797	109.8833	3.325252	18.37842	78.29632	78.29632	0	-9999	6
1656.425	1657.15	1296.15	103.7944	147.2245	106.9686	109.4939	0	52.15631	47.84369	47.84369	0	-9999	6
1656.43	1657.155	1296.155	105.175	191.4072	109.4467	111.9011	0	70.39399	29.60601	29.60601	0	-9999	6
1656.435	1657.161	1296.161	106.3668	131.6708	109.4467	110.8863	0	56.96573	43.03427	43.03427	0	-9999	6
1656.44	1657.166	1296.166	108.8449	46.28528	109.3051	109.5411	25.09507	28.2366	46.66833	24.60561	22.06272	27.75964	6
1656.445	1657.171	1296.171	109.1517	43.33327	109.7063	110.5087	24.79558	29.59155	45.61287	21.85484	23.75803	27.51175	6
1656.45	1657.177	1296.177	110.6739	50.4905	111.2639	112.1371	21.38872	33.23936	45.37192	30.82369	14.54823	27.11125	6
1656.455	1657.182	1296.182	110.9689	54.77927	111.3701	111.4881	21.54266	31.80937	46.64796	16.16447	30.4835	27.3809	6
1656.46	1657.187	1296.187	110.8155	64.23405	111.6887	112.4085	15.73766	37.87248	46.38986	33.88399	12.50587	26.91681	6
1656.465	1657.192	1296.192	111.0043	75.51296	111.5235	111.9365	15.57802	34.69889	49.72309	39.97963	9.743453	27.30844	6
1656.47	1657.198	1296.198	112.3731	49.47401	112.8215	112.2433	21.16884	34.68759	44.14357	20.48751	23.65606	27.13891	6
1656.475	1657.203	1296.203	111.6297	50.10061	111.8775	111.5353	23.25582	30.80687	45.9373	20.43682	25.50049	27.50328	6
1656.48	1657.208	1296.208	112.6917	50.83861	112.6091	112.0073	24.66082	28.52549	46.81369	17.51629	29.2974	27.73537	6
1656.485	1657.214	1296.214	115.04	43.26365	115.63	116.6212	19.12081	41.98108	38.89811	16.60142	22.29668	25.91891	6
1656.49	1657.219	1296.219	117.0696	39.81035	117.5888	118.5683	18.63795	45.61033	35.75171	17.09709	18.65463	25.34016	6
1656.495	1657.224	1296.224	119.2055	42.63704	119.5241	120.9165	17.5436	47.89476	34.56164	10.4159	24.14574	24.84497	6
1656.5	1657.229	1296.229	119.7129	53.28934	120.1849	120.0669	13.31005	52.8321	33.85785	19.95213	13.90572	24.75599	6
1656.505	1657.235	1296.235	120.9519	85.85891	122.7337	123.4064	0	85.60458	14.39542	14.39542	0	-9999	6
1656.51	1657.24	1296.24	114.0016	104.3647	115.3232	118.4739	0	54.25331	45.74669	45.74669	0	-9999	6
1656.515	1657.245	1296.245	108.6679	109.5446	110.3435	114.096	0.529609	45.68864	53.78175	53.78175	0	-9999	3
1656.52	1657.251	1296.251	106.6618	109.9484	108.2666	111.7595	2.826156	40.56728	56.60656	56.60656	0	-9999	3
1656.525	1657.256	1296.256	102.5435	90.30085	102.8267	103.6764	21.6123	20.86373	57.52397	41.17717	16.3468	28.41689	3
1656.53	1657.261	1296.261	97.79983	86.56907	97.48123	97.67003	31.54364	12.13472	56.32164	31.47545	24.84619	29.07078	3
1656.535	1657.266	1296.266	100.5257	80.21946	100.5847	100.9387	27.646	16.41669	55.93732	22.78368	33.15364	28.78673	3
1656.54	1657.272	1296.272	101.0213	92.89082	101.3163	102.2367	22.29453	19.45575	58.24973	31.02304	27.22668	28.48314	3
1656.545	1657.277	1296.277	94.01196	92.33384	93.38654	91.3569	36.01116	8.544896	55.44394	32.51944	22.9245	29.65948	3
1656.55	1657.282	1296.282	100.1835	128.4681	99.91208	97.85883	18.84531	17.09158	64.06311	42.6268	21.43631	29.17144	3
1656.555	1657.288	1296.288	107.4878	212.6421	106.8388	108.2666	0	26.3563	73.6437	73.6437	0	-9999	3

1656.56	1657.293	1296.293	114.0134	143.1864	114.3792	116.1846	0	43.21899	56.78101	56.78101	0	-9999	3
1656.565	1657.298	1296.298	118.2851	131.8796	118.7217	119.8899	0	53.57781	46.42219	46.42219	0	-9999	3
1656.57	1657.304	1296.304	118.3795	131.253	118.1317	114.096	1.248159	42.04171	56.71013	56.71013	0	-9999	3
1656.575	1657.309	1296.309	113.7302	104.7128	114.0488	112.8451	7.558558	39.3879	53.05354	52.40545	0.648085	-9999	3
1656.58	1657.314	1296.314	113.86	65.20877	114.2258	113.2818	16.6333	37.638	45.7287	19.97834	25.75036	27.00389	3
1656.585	1657.319	1296.319	108.9039	80.28908	108.9275	109.2343	20.19559	25.93091	53.8735	40.37146	13.50204	28.04672	3
1656.59	1657.325	1296.325	112.8805	76.62692	113.4234	114.0724	13.3994	38.7867	47.8139	34.66233	13.15157	26.88123	3
1656.595	1657.33	1296.33	113.4706	98.61382	114.804	116.3498	1.408482	52.58706	46.00446	46.00446	0	-9999	3
1656.6	1657.335	1296.335	107.6294	130.4175	108.3611	108.1958	3.749857	34.75262	61.49752	61.49752	0	-9999	3
1656.605	1657.341	1296.341	102.7323	92.45916	102.4845	100.9977	25.03162	17.07471	57.89367	42.22638	15.66729	29.05153	3
1656.61	1657.346	1296.346	116.1138	145.4143	117.6832	117.7658	0	67.23547	32.76453	32.76453	0	-9999	6
1656.615	1657.351	1296.351	112.6091	86.45767	113.3526	114.3556	9.715369	41.54029	48.74434	37.30993	11.43441	26.88605	6
1656.62	1657.356	1296.356	114.5208	108.0965	114.8394	112.3377	6.012342	41.2421	52.74556	42.96355	9.782013	-9999	6
1656.625	1657.362	1296.362	121.8369	45.47765	122.4623	123.2058	12.05749	61.91832	26.0242	5.02472	20.99948	23.26457	6
1656.63	1657.367	1296.367	123.4064	29.01881	123.6542	123.8902	17.52311	57.79061	24.68628	4.000354	20.68592	23.27209	6
1656.635	1657.372	1296.372	122.8163	37.97231	123.0288	123.8548	16.17353	55.77601	28.05046	14.96166	13.08879	23.60526	6
1656.64	1657.378	1296.378	124.7752	29.31122	125.0466	125.023	16.01012	62.89418	21.0957	1.425686	19.67001	22.53359	6
1656.645	1657.383	1296.383	125.318	27.0276	125.3888	125.6484	17.61805	59.74824	22.63371	13.49511	9.138602	22.73375	6
1656.65	1657.388	1296.388	124.669	34.60256	124.7634	124.669	16.1991	58.70883	25.09207	10.33969	14.75239	23.1321	6
1656.655	1657.393	1296.393	124.7752	30.2024	124.846	124.9404	17.34914	58.19739	24.45348	6.441021	18.01245	23.07374	6
1656.66	1657.399	1296.399	123.666	80.02452	125.3888	127.2178	0	96.54055	3.459447	3.459447	0	-9999	6
1656.665	1657.404	1296.404	122.3207	159.4503	124.492	123.8784	0	100	0	0	0	-9999	6
1656.67	1657.409	1296.409	116.6212	186.8121	119.0521	120.1731	0	86.60064	13.39936	13.39936	0	-9999	6
1656.675	1657.415	1296.415	117.9546	112.8308	120.6451	123.9492	0	92.1924	7.807599	7.807599	0	-9999	6
1656.68	1657.42	1296.42	123.253	51.15888	123.8548	124.8578	9.562785	66.67612	23.76109	14.23618	9.524912	22.65566	6
1656.685	1657.425	1296.425	123.9728	55.80969	124.5392	125.2354	8.049416	68.77683	23.17375	23.17375	0	22.50925	6
1656.69	1657.43	1296.43	127.3594	56.45022	127.7252	128.8109	6.333354	76.79793	16.86871	11.07355	5.795161	-9999	6
1656.695	1657.436	1296.436	131.6665	47.3714	131.7609	132.5043	6.6713	86.53621	6.79249	0.859557	5.932933	-9999	6
1656.7	1657.441	1296.441	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1657.01	1657.769	1296.769	120.9047	43.58391	121.4003	122.2145	14.37938	56.1598	29.46082	14.12849	15.33232	23.91681	6
1657.015	1657.774	1296.774	119.3471	57.22999	120.1731	120.4563	9.9494	58.61485	31.43575	17.27729	14.15846	24.30564	6
1657.02	1657.78	1296.78	120.1023	37.84699	120.4091	120.6923	17.96917	49.77977	32.25106	19.65957	12.59149	24.68594	6
1657.025	1657.785	1296.785	118.9931	45.64475	119.8545	119.9253	12.80436	57.38209	29.81355	16.29832	13.51523	24.24613	6
1657.03	1657.79	1296.79	118.8397	36.76087	119.6067	120.6569	15.827	54.58831	29.58469	13.90025	15.68443	24.18989	6
1657.035	1657.796	1296.796	114.8276	120.8653	117.695	118.2615	0	82.24293	17.75707	17.75707	0	-9999	6
1657.04	1657.801	1296.801	111.5943	90.39832	113.5178	118.049	0.550178	54.9888	44.46102	44.46102	0	-9999	6
1657.045	1657.806	1296.806	118.1553	51.00571	118.7807	118.1553	14.10684	51.05195	34.84121	23.57671	11.26451	25.15919	6
1657.05	1657.811	1296.811	119.8781	44.19659	120.2793	119.8545	15.90722	51.36122	32.73156	11.66951	21.06205	24.76894	6
1657.055	1657.817	1296.817	120.3619	34.338	120.8221	119.6539	17.39064	53.21292	29.39645	3.284126	26.11232	24.50996	6
1657.06	1657.822	1296.822	119.9607	42.3307	120.5035	119.9961	15.18535	54.14807	30.66658	13.03118	17.63541	24.46467	6
1657.065	1657.827	1296.827	118.5093	48.13725	119.5123	120.4799	11.54886	58.61123	29.83991	25.73666	4.103256	24.09789	6
1657.07	1657.833	1296.833	113.1401	87.51594	115.394	119.7129	0	64.1853	35.8147	35.8147	0	-9999	6
1657.075	1657.838	1296.838	110.1547	93.11362	111.4055	117.6596	6.430294	42.97901	50.5907	50.5907	0	-9999	6
1657.08	1657.843	1296.843	105.9538	159.4364	107.1338	105.4936	0	38.29822	61.70178	61.70178	0	-9999	6
1657.085	1657.849	1296.849	105.1514	140.9584	105.0924	108.8213	9.606042	24.42119	65.97277	60.2569	5.715869	28.31222	6
1657.09	1657.854	1296.854	103.6646	120.2248	103.2869	101.8355	18.46068	18.80195	62.73737	40.41966	22.31771	29.03528	6
1657.095	1657.859	1296.859	106.6618	138.1318	106.8506	109.5647	6.980014	28.39034	64.62965	54.26197	10.36768	-9999	6
1657.1	1657.864	1296.864	111.4999	127.8137	114.1196	120.5743	0	66.6891	33.3109	33.3109	0	-9999	6
1657.105	1657.87	1296.87	113.0457	86.87541	115.6064	120.0669	0	68.35593	31.64407	31.64407	0	-9999	6
1657.11	1657.875	1296.875	112.8805	81.62584	114.6742	118.9813	2.49576	56.32767	41.17657	41.17657	0	-9999	6
1657.115	1657.88	1296.88	112.6209	123.7755	116.1138	119.9489	0	83.25282	16.74718	16.74718	0	-9999	6
1657.12	1657.886	1296.886	104.1012	115.3512	104.0422	102.7087	16.76921	21.52089	61.7099	33.17361	28.53629	28.91577	6
1657.125	1657.891	1296.891	103.1925	118.8045	101.9771	100.8561	25.73173	11.83601	62.43226	43.12268	19.30958	29.27314	6
1657.13	1657.896	1296.896	101.7529	110.4915	100.5847	98.34264	28.70212	10.78489	60.513	41.94486	18.56814	29.54155	6
1657.135	1657.901	1296.901	101.2927	197.2137	101.1157	99.92388	0.45677	23.34668	76.19655	76.19655	0	-9999	6
1657.14	1657.907	1296.907	95.81739	119.8209	93.62255	92.27732	39.86138	3.289236	56.84938	31.71731	25.13207	29.8657	6
1657.145	1657.912	1296.912	103.4285	109.9902	103.1099	103.0627	20.69731	18.36076	60.94194	37.82318	23.11876	28.7359	6
1657.15	1657.917	1296.917	111.3111	104.7128	112.8097	113.0457	0.638895	49.60561	49.7555	49.7555	0	-9999	6
1657.155	1657.923	1296.923	115.5238	78.79916	117.105	118.9105	2.394159	61.02621	36.57963	36.57963	0	-9999	6
1657.16	1657.928	1296.928	112.9749	200.5835	116.4088	122.5213	0	89.00342	10.99658	10.99658	0	-9999	3
1657.165	1657.933	1296.933	95.51059	116.6879	94.64917	94.00016	30.56777	9.753609	59.67862	29.67108	30.00754	29.01612	3
1657.17	1657.938	1296.938	97.54023	64.79104	97.48123	96.3484	35.04082	12.02952	52.92966	35.03158	17.89808	29.58879	3
1657.175	1657.944	1296.944	98.14204	60.98963	97.92964	96.4192	36.59597	11.30533	52.0987	23.8714	28.2273	29.82539	3
1657.18	1657.949	1296.949	104.1838	37.23431	104.4434	104.6322	33.12829	19.02683	47.84487	17.78851	30.05637	28.90318	3
1657.185	1657.954	1296.954	104.585	134.943	107.8064	110.6975	0	53.82676	46.17324	46.17324	0	-9999	3
1657.19	1657.96	1296.96	97.17442	152.0285	96.87941	95.93539	16.09494	16.25071	67.65436	52.52908	15.12527	28.99117	3
1657.195	1657.965	1296.965	95.89999	342.809	96.136	110.1901	0	31.20741	68.79259	68.79259	0	-9999	8
1657.2	1657.97	1296.97	90.70789	145.9156	90.46008	87.33302	23.15766	12.17284	64.6695	44.84898	19.82052	28.98354	8
1657.205	1657.976	1296.976	97.09182	119.1943	97.24522	91.72271	20.64162	16.60872	62.74966	32.81865	29.93101	29.74802	8
1657.21	1657.981	1296.981	86.5306	45.65867	85.82259	83.87555	54.82956	1.898616	43.27182	12.76562	30.50621	32.05203	8
1657.215	1657.986	1296.986	87.92303	78.60421	86.2474	84.06435	53.07476	1.218433	45.70681	23.37758	22.32922	31.45174	8
1657.22	1657.991	1296.991	108.8213	86.77794	111.2993	113.8128	0	53.93512	46.06488	46.06488	0	-9999	8
1657.225	1657.997	1296.997	93.37474	54.58432	92.35992	91.2861	48.75069	3.845229	47.40408	25.61494	21.78914	31.19198	8

1657.23	1658.002	1297.002	95.05038	47.39924	94.68457	93.52815	43.91804	7.40836	48.6736	28.18115	20.49244	30.60321	8
1657.235	1658.007	1297.007	89.42166	55.74006	87.99383	85.55118	55.30865	0.899991	43.79135	28.84388	14.94747	32.29212	8
1657.24	1658.013	1297.013	101.8119	79.55108	102.1305	102.2957	24.61247	19.58831	55.79922	36.29922	19.5	28.6056	8
1657.245	1658.018	1297.018	104.7974	88.82485	105.5408	108.0188	16.32933	27.56864	56.10202	30.05084	26.05118	27.79179	8
1657.25	1658.023	1297.023	93.98835	103.0558	93.81135	95.30998	29.963	11.47321	58.56379	42.25327	16.31053	28.59139	8
1657.255	1658.028	1297.028	89.74027	38.62676	89.59866	89.33906	49.1887	4.872214	45.93909	17.8544	28.08468	31.0689	8
1657.26	1658.034	1297.034	91.1091	43.9738	90.56628	89.87007	49.74476	4.237749	46.01749	29.8721	16.1454	31.24225	8
1657.265	1658.039	1297.039	84.92577	80.92961	82.25891	79.48586	62.95145	0	37.04855	25.26263	11.78592	30.31777	8
1657.27	1658.044	1297.044	84.14695	80.14984	83.55694	79.43866	47.76114	3.81313	48.42573	34.4231	14.00263	30.78306	8
1657.275	1658.05	1297.05	97.43403	88.08685	97.18622	95.86459	30.96417	12.39642	56.63941	41.1433	15.49611	29.29415	8
1657.28	1658.055	1297.055	83.91095	40.04707	83.19113	83.28553	58.6891	0.648274	40.66262	27.20087	13.46176	32.30449	8
1657.285	1658.06	1297.06	86.73121	46.78656	85.33878	83.94635	59.67626	0	40.32374	18.99778	21.32595	32.53622	8
1657.29	1658.065	1297.065	87.25042	45.00422	87.00261	84.54816	50.75909	3.722395	45.51852	32.15799	13.36053	31.53331	8
1657.295	1658.071	1297.071	89.05585	88.51851	86.77841	85.06737	54.29735	0	45.70265	19.77866	25.92399	31.49517	3
1657.3	1658.076	1297.076	103.7236	77.81051	104.1956	107.712	22.08611	22.98331	54.93058	34.29938	20.6312	27.75975	3
1657.305	1658.081	1297.081	113.978	55.00206	114.4382	115.8306	18.26315	38.51364	43.22321	29.49619	13.72702	26.36196	3
1657.31	1658.087	1297.087	116.0076	99.1708	117.4	119.5831	0	60.8767	39.1233	39.1233	0	-9999	3
1657.315	1658.092	1297.092	112.5147	112.0371	115.3468	117.5062	0	72.16297	27.83703	27.83703	0	-9999	3
1657.32	1658.097	1297.097	109.7063	128.0225	112.2905	113.9544	0	60.59032	39.40968	39.40968	0	-9999	3
1657.325	1658.103	1297.103	105.9774	166.3986	109.5883	112.0191	0	63.99414	36.00586	36.00586	0	-9999	3
1657.33	1658.108	1297.108	98.67305	168.6823	97.16262	98.31904	20.10552	11.05595	68.83853	37.69373	31.14479	28.57756	3
1657.335	1658.113	1297.113	90.27128	83.57528	88.64285	85.36238	49.34556	2.223445	48.43099	19.23184	29.19915	31.20686	8
1657.34	1658.118	1297.118	93.51635	106.8572	92.18292	90.75509	38.43959	5.951644	55.60877	32.04375	23.56502	29.62159	8
1657.345	1658.124	1297.124	92.11212	88.83877	90.77869	88.83165	44.09193	4.27849	51.62958	36.05815	15.57143	30.34851	8
1657.35	1658.129	1297.129	94.56657	94.3529	94.63737	95.88819	29.61664	12.53602	57.84734	35.22677	22.62057	28.67496	8
1657.355	1658.134	1297.134	90.80229	66.46198	89.82287	86.93181	47.9686	3.806861	48.22454	24.28569	23.93885	31.15196	8
1657.36	1658.14	1297.14	89.63407	83.29679	87.89943	83.69854	50.82226	1.664853	47.51288	17.58318	29.92971	31.54913	8
1657.365	1658.145	1297.145	87.87583	144.2029	84.92577	77.53882	47.12011	1.418432	51.46146	27.38858	24.07287	30.65927	8
1657.37	1658.15	1297.15	94.16536	175.6724	94.96778	81.4329	4.63642	21.54889	73.81469	69.12827	4.68642	-9999	8
1657.375	1658.155	1297.155	94.10636	88.24002	93.31574	90.18868	38.19534	7.508347	54.29631	35.297	18.99931	30.06799	8
1657.38	1658.161	1297.161	85.22077	29.56187	85.02017	84.54816	55.9976	1.993808	42.00859	14.74673	27.26186	32.14147	8
1657.385	1658.166	1297.166	82.24711	31.16319	81.5391	80.66588	62.27828	0	37.72172	17.04289	20.67883	32.70009	8
1657.39	1658.171	1297.171	84.92577	94.22758	84.09975	80.71308	45.46685	4.287334	50.24582	23.74561	26.5002	30.22424	8
1657.395	1658.177	1297.177	89.18566	154.6881	89.74027	89.89367	16.21644	15.21625	68.56731	56.93774	11.62957	28.59938	8
1657.4	1658.182	1297.182	80.40628	124.9591	78.32943	74.83656	51.88165	2.187393	45.93096	29.80552	16.12544	30.11298	4
1657.405	1658.187	1297.187	97.20982	110.8117	98.03584	97.90604	17.34889	20.2252	62.42591	49.5193	12.90661	28.78889	4
1657.41	1658.192	1297.192	92.53693	131.3923	91.58111	90.03527	30.4767	8.95841	60.56489	24.50591	36.05898	28.92267	4
1657.415	1658.198	1297.198	89.28006	96.91502	86.97901	85.50398	52.24203	0.472203	47.28577	19.35252	27.93325	31.06906	4
1657.42	1658.203	1297.203	92.02951	93.69845	91.4395	87.82863	37.23042	7.820897	54.94869	36.89459	18.0541	29.93522	4
1657.425	1658.208	1297.208	94.27156	128.8441	92.83193	91.0737	33.24703	7.18819	59.56478	24.58268	34.9821	29.2157	4
1657.43	1658.214	1297.214	94.99138	107.7762	94.12996	91.91151	33.20208	8.89895	57.89897	38.72459	19.17438	29.45876	4
1657.435	1658.219	1297.219	97.39863	113.527	97.05642	96.65521	25.57183	13.5317	60.89648	29.90115	30.99532	28.86355	4
1657.44	1658.224	1297.224	95.10938	213.408	95.28638	90.37748	0	21.53205	78.46795	78.46795	0	-9999	4
1657.445	1658.23	1297.23	88.27704	243.1091	82.37692	75.68618	45.67866	0	54.32134	26.55831	27.76303	27.67131	4
1657.45	1658.235	1297.235	85.70458	145.5118	80.92549	76.6892	62.97594	0	37.02406	20.81957	16.20448	27.54793	4
1657.455	1658.24	1297.24	87.39202	143.0332	86.212	77.89282	34.13049	7.138479	58.73103	26.13411	32.59692	29.82972	4
1657.46	1658.245	1297.245	83.01413	99.11511	82.51852	74.21115	43.48212	5.008384	51.50949	20.4925	31.017	30.75575	4
1657.465	1658.251	1297.251	80.61868	73.63314	79.96967	77.73942	53.04145	2.189846	44.76871	16.38087	28.38783	31.01608	4
1657.47	1658.256	1297.256	82.44772	81.50052	81.7043	77.89282	50.18644	2.962516	46.85104	17.21927	29.63177	30.8972	4
1657.475	1658.261	1297.261	94.86157	109.1547	94.54297	96.70241	28.78111	11.70661	59.51228	37.31894	22.19334	28.42341	4
1657.48	1658.267	1297.267	103.6528	85.76144	104.6322	101.2337	16.29469	27.73169	55.97362	46.0246	9.949015	28.90711	4
1657.485	1658.272	1297.272	96.51361	87.36277	96.3248	91.95871	31.52892	12.03155	56.43953	30.79515	25.64438	29.87008	4
1657.49	1658.277	1297.277	92.40712	127.939	90.22408	89.75207	40.94281	3.384628	55.67256	25.85325	29.8193	29.4058	4
1657.495	1658.282	1297.282	97.25702	72.81159	96.136	95.19198	41.59106	6.225941	52.183	26.43976	25.74324	30.27913	4
1657.5	1658.288	1297.288	102.3429	87.96152	103.0391	106.119	19.16216	23.72021	57.11763	38.21724	18.90039	27.89019	4
1657.505	1658.293	1297.293	98.92086	139.6913	100.2425	102.1069	4.944905	27.40287	67.65222	62.50432	5.147904	-9999	4
1657.51	1658.298	1297.298	97.12722	105.8546	98.89726	92.67853	11.30836	25.74953	62.94211	38.77882	24.16329	30.14726	9
1657.515	1658.304	1297.304	100.0773	67.10251	100.5847	100.7735	27.75766	18.22026	54.02208	30.38807	23.63401	28.74692	9
1657.52	1658.309	1297.309	103.6292	59.08196	103.877	104.1602	28.44286	19.7335	51.82364	24.27675	27.54689	28.62591	9
1657.525	1658.314	1297.314	104.8446	82.75373	106.1308	106.4966	13.54833	32.1853	54.26637	46.52856	7.737805	28.00125	9
1657.53	1658.319	1297.319	106.3314	45.5055	106.9804	107.6294	26.13292	26.0883	47.77878	22.8745	24.90428	27.96687	9
1657.535	1658.325	1297.325	108.3493	38.59891	108.3493	107.9716	30.97775	22.09284	46.92941	20.22499	26.70441	28.57073	9
1657.54	1658.33	1297.33	111.1105	51.85511	110.8391	108.7269	27.33279	23.85655	48.81066	17.38633	31.42432	28.55784	9
1657.545	1658.335	1297.335	113.8718	54.30583	113.388	112.9867	25.84549	25.37906	48.77545	19.2645	29.51095	27.98916	9
1657.55	1658.341	1297.341	117.2938	49.84997	117.2466	118.4267	20.39179	37.59191	42.0163	25.95516	16.06114	26.18908	9
1657.555	1658.346	1297.346	107.122	62.82767	106.4848	105.2576	31.18184	15.99243	52.82573	27.96005	24.86567	29.27333	9
1657.56	1658.351	1297.351	105.293	48.62461	105.411	105.47	30.44878	19.92483	49.62639	28.26456	21.36183	28.70362	9
1657.565	1658.357	1297.357	107.063	44.25229	107.417	107.6766	28.04941	24.22586	47.72473	17.65561	30.06912	28.20366	9
1657.57	1658.362	1297.362	108.0424	76.40413	108.6797	107.3226	17.17275	30.8202	52.00705	23.98804	28.01901	28.05038	9
1657.575	1658.367	1297.367	103.8298	50.04491	104.0068	104.821	30.99398	18.77253	50.23349	21.99367	28.23982	28.68829	9
1657.58	1658.372	1297.372	102.3075	77.72696	102.2367	102.5671	27.61586	17.02697	55.35717	25.26766	30.08951	28.75785	9
1657.585	1658.378	1297.378	98.51965	114.1676	97.57563	96.53721	29.04952	10.68766	60.26282	42.55128	17.71153	29.16854	9
1657.59	1658.383	1297.383	103.3105	58.02369	103.0627	105.3756	32.83305	15.30275	51.86419	24.04168	27.82252	28.73034	3

1657.595	1658.388	1297.388	102.8267	83.96517	102.6261	101.9299	26.63451	16.95669	56.40879	24.94349	31.4653	28.9288	3
1657.6	1658.394	1297.394	96.49001	63.5239	96.1006	95.52239	38.87432	9.275623	51.85005	34.27616	17.57389	29.85858	3
1657.605	1658.399	1297.399	97.58743	82.00181	96.53721	94.61377	38.51435	7.406298	54.07936	30.02181	24.05755	30.08803	3
1657.61	1658.404	1297.404	102.2367	71.04317	102.8621	104.467	23.90282	21.88417	54.21301	31.02144	23.19157	28.2011	3
1657.615	1658.409	1297.409	108.4791	35.91147	109.2461	110.1665	25.56432	30.22929	44.20639	16.37229	27.8341	27.44839	10
1657.62	1658.415	1297.415	105.3756	32.65312	105.6588	106.5556	32.95756	20.43602	46.60643	26.54119	20.06524	28.63436	10
1657.625	1658.42	1297.42	105.7886	31.74803	105.8004	105.7768	34.90002	18.4345	46.66549	21.30238	25.36311	29.07777	10
1657.63	1658.425	1297.425	104.5732	32.86199	104.821	105.3402	33.91959	19.11134	46.96907	14.85476	32.11431	28.87675	10
1657.635	1658.431	1297.431	104.0186	44.36369	103.877	104.1602	34.66433	15.95517	49.38049	17.19704	32.18345	29.19141	10
1657.64	1658.436	1297.436	104.762	62.6745	104.644	104.1602	29.36627	18.18761	52.44612	36.95479	15.49133	28.89157	10
1657.645	1658.441	1297.441	102.8857	69.56716	103.9242	105.8948	20.4621	26.00032	53.53757	29.30723	24.23035	27.89927	10
1657.65	1658.446	1297.446	102.2485	52.84375	102.6497	103.0863	30.03381	18.91702	51.04917	28.8114	22.23777	28.72494	10
1657.655	1658.452	1297.452	109.9187	167.1366	106.7562	104.0894	22.93685	0.293363	76.76979	33.43196	43.33783	30.82702	10
1657.66	1658.457	1297.457	111.1695	216.0815	107.6412	108.0188	12.77644	0	87.22356	51.3751	35.84846	30.52873	10
1657.665	1658.462	1297.462	108.7269	60.00098	108.5027	107.6648	27.18864	21.71176	51.0996	25.17726	25.92234	28.57691	10
1657.67	1658.468	1297.468	106.06	90.78821	105.0098	104.2192	28.59327	13.20637	58.20036	31.14974	27.05062	29.29157	10
1657.675	1658.473	1297.473	106.9568	43.54214	106.237	106.1426	36.64109	13.75797	49.60094	24.73746	24.86348	29.59106	10
1657.68	1658.478	1297.478	105.5172	45.26878	104.821	104.2428	37.3648	12.77199	49.86321	21.35107	28.51215	29.79903	10
1657.685	1658.484	1297.484	112.1725	43.45859	111.5825	109.8597	30.85689	20.93219	48.21092	19.83777	28.37315	28.85081	10
1657.69	1658.489	1297.489	116.8808	55.02991	115.9132	115.0754	26.65146	22.86002	50.48853	19.55534	30.93319	28.26026	10
1657.695	1658.494	1297.494	117.7304	47.80306	116.3144	114.4028	31.09388	16.56628	52.33984	31.74751	20.59233	29.27222	10
1657.7	1658.499	1297.499	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1658.01	1658.827	1297.827	103.582	143.256	103.4757	103.0273	10.85972	22.46446	66.67582	54.54782	12.12801	29.09371	6
1658.015	1658.833	1297.833	109.0691	104.3786	108.8095	106.9804	16.40878	24.77515	58.81607	48.52512	10.29095	28.70966	6
1658.02	1658.838	1297.838	108.7859	168.5848	109.2343	105.1042	0	36.26669	63.73331	63.73331	0	-9999	6
1658.025	1658.843	1297.843	108.2548	249.2359	109.2461	114.1904	0	46.64097	53.35903	53.35903	0	-9999	6
1658.03	1658.849	1297.849	107.9362	173.6533	107.5822	110.5441	1.418105	27.09259	71.4893	71.4893	0	-9999	6
1658.035	1658.854	1297.854	107.1928	181.0473	105.9892	107.9244	6.897247	18.76228	74.34047	72.28064	2.05983	-9999	6
1658.04	1658.859	1297.859	102.7323	178.6523	100.2897	95.15658	21.18294	6.859269	71.95779	52.10517	19.85261	30.17031	6
1658.045	1658.864	1297.864	99.42827	198.8568	96.49001	98.56685	23.17416	4.928529	71.89731	52.5066	19.3907	28.46036	6
1658.05	1658.87	1297.87	105.9184	149.536	105.8594	103.9832	6.824623	25.89572	67.27966	58.02656	9.253101	-9999	6
1658.055	1658.875	1297.875	105.47	112.608	106.6618	106.2134	6.479828	34.40011	59.12006	52.44046	6.679599	-9999	6
1658.06	1658.88	1297.88	102.5907	106.7458	104.4788	108.007	5.151749	35.16959	59.67866	59.67866	0	-9999	6
1658.065	1658.886	1297.886	102.5435	82.89298	104.3844	106.001	11.33336	33.07392	55.59272	40.04949	15.54323	28.01654	6
1658.07	1658.891	1297.891	102.1541	103.6545	104.29	106.001	4.381024	36.26336	59.35562	54.73872	4.616896	-9999	6
1658.075	1658.896	1297.896	103.8062	118.0247	106.7562	109.3169	0	48.06181	51.93819	51.93819	0	-9999	6
1658.08	1658.902	1297.902	105.2222	113.6663	107.299	109.3287	0	42.53797	57.46203	57.46203	0	-9999	6
1658.085	1658.907	1297.907	103.7	97.17959	105.1632	106.2134	9.738548	32.78853	57.47292	43.70173	13.77119	28.21986	6
1658.09	1658.912	1297.912	105.0098	134.3443	107.2636	107.0158	0	45.20704	54.79296	54.79296	0	-9999	6
1658.095	1658.917	1297.917	104.8918	135.1658	107.9008	109.2697	0	52.49741	47.50259	47.50259	0	-9999	6
1658.1	1658.923	1297.923	106.0364	149.3967	109.1045	110.4497	0	57.11665	42.88335	42.88335	0	-9999	6
1658.105	1658.928	1297.928	105.47	161.7339	106.296	105.4464	0	34.27077	65.72923	65.72923	0	-9999	6
1658.11	1658.933	1297.933	105.0334	142.894	107.5232	107.8064	0	48.16441	51.83559	51.83559	0	-9999	6
1658.115	1658.939	1297.939	101.0921	154.2843	102.3193	104.8918	0.14748	30.64255	69.20997	69.20997	0	-9999	6
1658.12	1658.944	1297.944	95.46339	156.4426	97.11542	100.1835	1.51132	26.34258	72.1461	72.1461	0	-9999	6
1658.125	1658.949	1297.949	94.43676	141.042	95.19198	92.44252	13.13309	19.19992	67.66699	40.59462	27.07237	29.4731	6
1658.13	1658.954	1297.954	93.87035	156.4147	94.82617	96.1242	8.379311	20.79369	70.827	59.80349	11.02351	29.09052	6
1658.135	1658.96	1297.96	92.79653	169.476	93.75235	95.19198	6.206405	20.72205	73.07154	61.44271	11.62883	-9999	6
1658.14	1658.965	1297.965	85.71638	294.4908	84.73696	78.81324	0	17.55504	82.44496	82.44496	0	-9999	6
1658.145	1658.97	1297.97	80.28827	271.933	77.65682	63.54373	20.72078	10.84429	68.43493	35.31524	33.11969	28.49582	5
1658.15	1658.976	1297.976	75.27317	213.0877	75.42657	72.40571	17.99258	11.94702	70.0604	49.52356	20.53684	27.53724	5
1658.155	1658.981	1297.981	81.29129	176.1319	80.46528	77.84562	28.98972	8.831002	62.17928	37.00675	25.17253	27.81584	5
1658.16	1658.986	1297.986	80.94909	194.582	80.51248	81.5273	21.82172	10.98406	67.19422	48.84501	18.34921	27.12204	5
1658.165	1658.991	1297.991	78.76604	235.3949	78.81324	75.70978	10.20387	14.26292	75.53321	69.622	5.911211	28.31851	5
1658.17	1658.997	1297.997	77.71582	158.8654	77.53882	76.5948	31.42779	8.271523	60.30069	34.4676	25.83309	27.57532	5
1658.175	1659.002	1298.002	76.819	191.3236	75.94578	67.66201	29.79364	8.769463	61.4369	37.95316	23.48374	28.25087	5
1658.18	1659.007	1298.007	74.29375	226.1351	74.45895	61.52589	15.64474	12.58423	71.77103	48.08561	23.68542	29.31525	5
1658.185	1659.013	1298.013	77.23201	180.2675	77.98723	75.27317	19.46889	11.64761	68.8835	43.02357	25.85993	28.08815	5
1658.19	1659.018	1298.018	79.87526	105.1444	80.34727	77.56242	37.41173	6.90632	55.68195	31.61063	24.07132	29.10724	5
1658.195	1659.023	1298.023	79.14365	124.611	78.94305	76.583	38.58666	6.313784	55.09955	27.47796	27.62159	28.67925	5
1658.2	1659.029	1298.029	76.45319	127.6605	75.67438	74.54156	44.80505	4.592445	50.60251	26.5066	24.0959	28.58649	5
1658.205	1659.034	1298.034	68.15762	143.6041	68.45263	61.08928	40.25649	5.789801	53.95371	33.29429	20.65941	28.61985	5
1658.21	1659.039	1298.039	65.20756	134.1633	63.27232	57.58461	62.53964	2.02894	35.43142	16.70811	18.72331	30.64142	5
1658.215	1659.044	1298.044	62.91832	92.64018	62.48171	56.06238	63.07994	0.627898	36.29216	22.78993	13.50223	31.77355	5
1658.22	1659.05	1298.05	63.54373	57.60596	63.26052	61.76189	69.79397	0	30.20603	8.932178	21.27385	31.10046	5
1658.225	1659.055	1298.055	64.71195	62.02005	63.29592	63.48473	76.43038	0	23.56962	21.50009	2.069535	31.2869	5
1658.23	1659.06	1298.06	65.75037	76.18134	64.00394	62.52891	74.60865	0	25.39135	8.722446	16.6689	31.74473	5
1658.235	1659.066	1298.066	65.21936	95.2023	62.62331	57.96221	77.07864	0	22.92136	8.278576	14.64278	32.93263	5
1658.24	1659.071	1298.071	65.34917	78.84093	62.83571	60.52287	80.27851	0	19.72149	12.67409	7.047399	32.4428	5
1658.245	1659.076	1298.076	64.25174	88.46281	61.44329	58.13922	81.24594	0	18.75406	12.92555	5.828502	33.03636	5
1658.25	1659.081	1298.081	64.53495	75.03952	61.49049	60.21606	86.06287	0	13.93713	10.47213	3.464998	32.99387	5
1658.255	1659.087	1298.087	64.34615	79.91312	61.72649	58.31622	81.76489	0	18.23511	8.336403	9.898709	32.90793	5
1658.26	1659.092	1298.092	65.80938	84.43861	63.68533	58.13922	75.48257	0	24.51743	9.836731	14.6807	32.71164	5

1658.265	1659.097	1298.097	66.09258	72.22676	64.23994	60.91228	76.07389	0	23.92611	21.24093	2.685171	32.09392	5
1658.27	1659.103	1298.103	65.78578	72.99261	64.19274	59.75585	74.15888	0	25.84112	11.22745	14.61368	32.20431	5
1658.275	1659.108	1298.108	65.23116	71.71155	63.05992	59.87385	79.46028	0	20.53972	20.53972	0	32.37162	5
1658.28	1659.113	1298.113	63.90954	67.17214	61.83269	58.82363	81.0431	0	18.9569	18.9569	0	32.46102	5
1658.285	1659.118	1298.118	62.69411	71.90649	60.91228	58.51683	78.72928	0	21.27072	10.44362	10.8271	32.21871	5
1658.29	1659.124	1298.124	62.38731	110.0459	60.91228	58.19822	67.40406	0.712068	31.88387	10.82202	21.06185	31.42996	5
1658.295	1659.129	1298.129	62.54071	149.4664	61.27808	52.75831	56.07704	3.590474	40.33249	12.8685	27.46399	29.56595	5
1658.3	1659.134	1298.134	61.19548	104.9774	60.12166	53.70233	66.61776	0.664096	32.71814	22.32132	10.39682	31.99694	5
1658.305	1659.14	1298.14	60.61727	149.7449	58.52863	50.23306	64.18084	2.74927	33.06989	16.76002	16.30987	30.63231	5
1658.31	1659.145	1298.145	59.61425	164.3796	57.66721	46.13837	60.46459	3.821501	35.71391	15.31247	20.40143	30.12181	5
1658.315	1659.15	1298.15	57.89141	108.3889	55.83817	52.3217	76.42242	0	23.57758	17.76055	5.817033	33.25673	5
1658.32	1659.156	1298.156	55.37796	26.34529	55.08296	55.25996	84.96301	0	15.03699	7.951117	7.085871	31.05845	5
1658.325	1659.161	1298.161	54.69355	27.98839	53.73773	52.2981	90.31635	0	9.683652	9.294658	0.388994	32.52735	5
1658.33	1659.166	1298.166	54.43394	37.5685	54.22154	53.15952	82.47533	0	17.52467	6.506879	11.01779	31.14762	5
1658.335	1659.171	1298.171	54.45754	40.8547	53.84393	49.58404	84.76772	0	15.23228	3.990837	11.24144	32.29378	5
1658.34	1659.177	1298.177	53.98553	21.62486	52.89991	51.60188	93.51367	0	6.486334	6.486334	0	33.03336	5
1658.345	1659.182	1298.182	54.58735	44.78142	53.45452	53.74953	87.72192	0	12.27808	12.27808	0	32.22358	5
1658.35	1659.187	1298.187	55.53136	60.87823	53.31292	52.2273	91.37157	0	8.628434	8.628434	0	33.94835	5
1658.355	1659.193	1298.193	56.36918	90.09198	53.23032	49.14743	90.66429	0	9.335707	8.848107	0.487601	35.39867	5
1658.36	1659.198	1298.198	57.207	108.7231	53.72593	48.40402	88.03688	0	11.96312	11.96312	0	35.66722	5
1658.365	1659.203	1298.203	56.18038	108.2496	53.57252	47.6724	82.32851	0	17.67149	10.91679	6.754704	34.63436	5
1658.37	1659.208	1298.208	57.58461	117.788	56.60519	46.90539	66.10798	1.341403	32.55061	16.32802	16.22259	31.88578	5
1658.375	1659.214	1298.214	59.16584	134.8873	56.93559	48.60462	70.2091	1.589083	28.20182	9.663587	18.53823	32.1446	5
1658.38	1659.219	1298.219	60.26326	99.08726	57.59641	53.04151	81.24681	0	18.75319	6.250522	12.50267	33.78244	5
1658.385	1659.224	1298.224	59.83845	60.08453	57.99762	53.89113	84.67466	0	15.32534	15.32534	0	33.06768	5
1658.39	1659.23	1298.23	58.65843	27.57065	58.16282	58.50503	83.20313	0	16.79687	10.31377	6.483108	30.97659	5
1658.395	1659.235	1298.235	58.36342	17.69813	58.33982	58.55223	82.20561	0	17.79439	4.53596	13.25843	30.52432	5
1658.4	1659.24	1298.24	60.25146	35.03422	59.66145	59.77945	80.66297	0	19.33703	19.33703	0	30.95177	5
1658.405	1659.245	1298.245	63.24872	60.33517	61.70289	60.21606	79.19026	0	20.80974	8.46191	12.34783	31.81229	5
1658.41	1659.251	1298.251	62.41091	69.66464	61.23088	59.73225	74.86831	0	25.13169	23.35054	1.781149	31.61608	5
1658.415	1659.256	1298.256	62.2103	38.29257	61.20728	59.87385	81.27313	0	18.72687	18.72687	0	31.47381	5
1658.42	1659.261	1298.261	60.10986	37.80521	60.65267	60.47567	71.34328	0	28.65672	10.11627	18.54044	30.14438	5
1658.425	1659.267	1298.267	58.39882	39.68503	57.85601	58.75283	80.87609	0	19.12391	4.499849	14.62406	30.86466	5
1658.43	1659.272	1298.272	57.89141	49.27906	56.88839	56.81759	82.58778	0	17.41222	13.41318	3.999047	31.58821	5
1658.435	1659.277	1298.277	57.69081	38.32042	56.95919	57.1598	83.32093	0	16.67907	9.840214	6.838856	31.30043	5
1658.44	1659.283	1298.283	58.00942	36.02287	57.089	56.33378	85.04705	0	14.95295	9.639129	5.313821	31.72368	5
1658.445	1659.288	1298.288	58.59943	29.96568	58.24542	57.85601	81.58039	0	18.41961	15.34309	3.07652	30.92531	5
1658.45	1659.293	1298.293	56.81759	38.3622	57.59641	58.90623	72.40834	0	27.59166	13.85795	13.73371	29.58691	5
1658.455	1659.298	1298.298	59.01244	43.77886	58.15102	59.90925	81.79006	0	18.20994	16.0555	2.154437	31.00032	5
1658.46	1659.304	1298.304	56.26298	45.43588	56.69959	56.79399	73.85886	0	26.14114	10.45296	15.68818	30.11951	1
1658.465	1659.309	1298.309	57.1362	29.58972	57.089	56.85299	80.63979	0	19.36021	12.21426	7.145941	30.63153	1
1658.47	1659.314	1298.314	52.4633	18.38044	51.83789	49.86725	92.13265	0	7.867353	7.867353	0	32.58892	1
1658.475	1659.32	1298.32	55.97977	20.21848	55.83817	56.16858	84.70316	0	15.29684	15.29684	0	30.81514	1
1658.48	1659.325	1298.325	55.37796	31.72018	55.75557	57.3132	78.44953	0	21.55047	3.552218	17.99825	29.88504	1
1658.485	1659.33	1298.33	54.18614	31.51131	53.93833	51.16527	84.44351	0	15.55649	15.55649	0	31.59598	1
1658.49	1659.335	1298.335	52.89991	30.50874	52.13289	49.77285	89.89334	0	10.10666	10.10666	0	32.59354	1
1658.495	1659.341	1298.341	51.12987	42.91553	51.01187	53.59612	83.48948	0	16.51052	3.940223	12.5703	30.61424	1
1658.5	1659.346	1298.346	54.00913	39.01665	54.89415	52.06209	74.01068	0	25.98932	4.527529	21.46179	30.2121	1
1658.505	1659.351	1298.351	54.81155	30.41127	54.44574	50.76407	85.04886	0	14.95114	14.95114	0	31.88848	1
1658.51	1659.357	1298.357	56.32198	24.40978	56.14498	56.22758	83.64839	0	16.35161	15.80562	0.545994	30.83484	1
1658.515	1659.362	1298.362	59.01244	16.75126	58.77643	59.21304	83.48379	0	16.51621	16.51621	0	30.7064	1
1658.52	1659.367	1298.367	61.13648	17.30824	61.34888	62.2693	77.91971	0	22.08029	22.08029	0	30.07938	1
1658.525	1659.372	1298.372	66.19878	32.62527	65.40817	64.27534	77.32908	0	22.67092	6.98995	15.68097	31.07455	1
1658.53	1659.378	1298.378	64.80636	28.25296	63.95674	62.41091	80.12547	0	19.87453	4.965526	14.909	31.24824	1
1658.535	1659.383	1298.383	64.51135	52.46779	62.52891	61.44329	83.31627	0	16.68373	12.42535	4.258377	32.03271	1
1658.54	1659.388	1298.388	66.43479	71.09887	63.70893	60.81787	82.79945	0	17.20055	10.18634	7.014211	32.58799	1
1658.545	1659.394	1298.394	70.51767	105.1444	67.73282	66.52919	71.26143	0	28.73857	21.7879	6.950671	31.69199	1
1658.55	1659.399	1298.399	65.44357	78.70168	62.81211	60.05086	81.13988	0	18.86012	11.3096	7.550522	32.60853	1
1658.555	1659.404	1298.404	64.81816	29.22768	63.70893	62.56431	81.89068	0	18.10932	17.98192	0.127406	31.37711	1
1658.56	1659.41	1298.41	63.17792	25.69084	63.28412	63.49653	74.83606	0	25.16394	14.47762	10.68631	30.3336	1
1658.565	1659.415	1298.415	70.35247	113.5827	68.65323	68.38183	60.95778	1.258569	37.78365	21.32394	16.45972	30.28847	1
1658.57	1659.42	1298.42	68.20482	85.06521	66.45839	65.88018	70.20066	0	29.79934	21.99169	7.807655	31.51255	1
1658.575	1659.425	1298.425	61.47869	21.16535	61.78549	62.65871	75.93984	0	24.06016	14.75892	9.30124	30.0276	1
1658.58	1659.431	1298.431	58.52863	17.61458	58.55223	58.09202	81.70803	0	18.29197	18.29197	0	30.58277	1
1658.585	1659.436	1298.436	59.73225	18.61715	59.72045	59.79125	80.63243	0	19.36757	11.62456	7.743009	30.46402	1
1658.59	1659.441	1298.441	60.93588	36.10642	60.92408	57.71441	75.29269	0	24.70731	5.643549	19.06376	31.0417	1
1658.595	1659.447	1298.447	58.29262	32.84807	58.32802	58.11562	78.1472	0	21.8528	13.49728	8.35552	30.47761	1
1658.6	1659.452	1298.452	61.07748	51.36775	60.69987	58.77643	74.30419	0	25.69581	9.017654	16.67816	31.12129	1
1658.605	1659.457	1298.457	66.52919	55.83754	65.16036	63.21332	75.88888	0	24.11112	21.00697	3.10415	31.52553	1
1658.61	1659.462	1298.462	80.34727	130.3201	80.84288	74.52975	30.70207	8.853818	60.44411	35.46049	24.98363	29.23264	6
1658.615	1659.468	1298.468	88.25344	168.8076	90.08247	93.45734	3.780359	20.71001	75.50963	69.95679	5.552834	-9999	6
1658.62	1659.473	1298.473	86.11759	221.5956	85.59838	94.54297	11.16955	14.25808	74.57236	50.0441	24.52826	26.56458	6
1658.625	1659.478	1298.478	93.32754	265.4163	95.959	102.4491	0	36.60944	63.39056	63.39056	0	-9999	6

1658.63	1659.484	1298.484	85.09097	167.1784	86.05859	81.6571	13.76007	15.08113	71.15879	46.69349	24.4653	29.43426	6
1658.635	1659.489	1298.489	83.72214	253.2323	84.48916	77.75122	0	19.477	80.523	80.523	0	-9999	6
1658.64	1659.494	1298.494	84.74877	355.4386	89.02045	89.36266	0	39.57077	60.42923	60.42923	0	-9999	6
1658.645	1659.499	1298.499	82.47132	328.6617	82.24711	91.0973	0	21.0895	78.9105	78.9105	0	-9999	6
1658.65	1659.505	1298.505	81.20869	247.6207	80.34727	82.68372	12.03979	13.54577	74.41444	50.84285	23.57159	26.95699	6
1658.655	1659.51	1298.51	82.01111	169.281	81.7987	80.53608	25.22991	10.20658	64.56351	44.16791	20.39561	27.84336	6
1658.66	1659.515	1298.515	85.45678	96.24664	85.11457	81.94031	40.74018	6.130073	53.12975	36.58121	16.54854	29.75492	6
1658.665	1659.521	1298.521	88.85525	91.27557	89.71667	91.79351	29.48849	11.96688	58.54462	42.7462	15.79842	28.45342	6
1658.67	1659.526	1298.526	89.83467	137.0317	90.80229	93.69335	16.69137	16.20389	67.10474	37.09202	30.01272	28.21885	6
1658.675	1659.531	1298.531	87.03801	126.6718	87.60442	88.58384	24.88075	12.06769	63.05155	35.21005	27.8415	28.25976	6
1658.68	1659.537	1298.537	87.23862	105.7989	88.18264	88.63104	26.82099	12.18618	60.99283	34.72107	26.27176	28.5734	6
1658.685	1659.542	1298.542	85.18537	78.8827	85.25618	86.566	41.99113	6.187442	51.82143	17.97679	33.84464	29.26081	6
1658.69	1659.547	1298.547	84.01715	74.71926	83.40354	81.06709	49.37766	3.334986	47.28735	26.91159	20.37576	30.71608	6
1658.695	1659.552	1298.552	79.43866	58.56675	79.96967	81.29129	48.62795	3.741116	47.63094	32.45123	15.17971	30.00116	6
1658.7	1659.558	1298.558	79.41506	41.91296	80.54788	80.54788	48.01583	4.134773	47.8494	29.65812	18.19127	30.47688	6
1658.705	1659.563	1298.563	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1659.01	1659.886	1298.886	95.21558	130.9745	92.71393	88.57204	40.09363	2.484123	57.42225	37.47795	19.94429	30.25835	6
1659.015	1659.891	1298.891	94.05916	183.3588	89.32726	84.46556	45.76496	0	54.23504	26.9367	27.29834	25.56844	6
1659.02	1659.896	1298.896	88.93785	184.8626	84.78417	81.22049	45.63148	0.196634	54.17188	20.94357	33.22831	29.31624	6
1659.025	1659.902	1298.902	84.39476	95.9403	82.41232	79.14365	54.50319	0.881707	44.61511	31.08158	13.53353	31.30576	6
1659.03	1659.907	1298.907	86.4598	154.4653	83.16753	79.28525	48.59146	1.11929	50.28925	31.15419	19.13506	29.8515	6
1659.035	1659.912	1298.912	84.93757	113.7359	83.91095	82.56572	42.28966	4.993267	52.71707	18.82641	33.89067	29.24335	6
1659.04	1659.918	1298.918	89.76387	156.3869	89.13846	81.4329	24.41857	10.89508	64.68635	47.70396	16.9824	29.63626	6
1659.045	1659.923	1298.923	90.04707	252.4246	85.16177	77.60962	33.93101	2.095618	63.97338	25.95169	38.02168	28.46415	6
1659.05	1659.928	1298.928	88.31244	156.7768	83.95815	80.04047	54.55832	0	45.44168	8.731847	36.70983	27.89271	6
1659.055	1659.933	1298.933	85.64558	69.70641	84.25315	81.98751	55.12843	1.068442	43.80312	18.48465	25.31847	31.73958	6
1659.06	1659.939	1298.939	85.79899	111.9953	82.97873	78.69524	55.81906	0	44.18094	22.63746	21.54348	31.10168	6
1659.065	1659.944	1298.944	85.45678	179.2371	80.89009	77.33821	53.39626	0	46.60374	17.8291	28.77464	29.06658	6
1659.07	1659.949	1298.949	82.91973	118.7348	79.30885	76.22899	62.9643	0	37.0357	9.336026	27.69968	29.69585	6
1659.075	1659.955	1298.955	83.54514	163.4745	78.23503	74.37635	64.73099	0	35.26901	19.40469	15.86432	27.912	6
1659.08	1659.96	1298.96	85.85799	190.7666	80.57148	74.18755	55.81557	0	44.18443	15.68305	28.50138	28.14667	6
1659.085	1659.965	1298.965	88.87885	201.5025	87.20322	82.37692	22.45402	9.705597	67.84038	37.45954	30.38084	28.59025	6
1659.09	1659.97	1298.97	91.3923	170.8824	92.01771	85.78719	9.718604	18.12255	72.15885	58.36433	13.79452	30.25475	6
1659.095	1659.976	1298.976	89.66947	159.6174	89.36266	85.26798	21.25444	12.33889	66.40667	38.46068	27.94599	29.03386	6
1659.1	1659.981	1298.981	89.76387	160.6339	89.68127	91.1563	19.18401	13.35939	67.45661	35.67649	31.78012	28.1009	6
1659.105	1659.986	1298.986	87.04981	106.0774	86.5896	81.25589	37.81007	7.014194	55.17574	22.65664	32.5191	29.89995	6
1659.11	1659.992	1298.992	85.66918	76.97504	84.92577	86.4244	48.31786	3.611512	48.07063	19.8261	28.24453	29.93316	6
1659.115	1659.997	1298.997	88.58384	46.4106	88.41864	87.84043	48.55182	4.730775	46.7174	27.22164	19.49576	30.88995	6
1659.12	1660.002	1299.002	83.89915	68.96841	82.07011	80.14667	60.29747	0	39.70253	13.33932	26.36321	31.70411	6
1659.125	1660.007	1299.007	75.56818	40.92432	74.12855	73.26713	71.73072	0	28.26928	23.83034	4.438935	31.04069	6
1659.13	1660.013	1299.013	69.38485	15.70692	68.96004	68.96004	75.65713	0	24.34287	13.986	10.35686	30.73809	6
1659.135	1660.018	1299.018	69.30225	53.70708	68.08682	67.55581	72.66436	0	27.33564	15.38371	11.95192	31.12372	6
1659.14	1660.023	1299.023	69.79786	9.413011	69.85686	69.93946	73.05076	0	26.94924	11.44526	15.50398	30.71116	6
1659.145	1660.029	1299.029	79.10825	177.0092	73.30253	71.8983	69.37852	0	30.62148	18.71928	11.9022	29.26806	6
1659.15	1660.034	1299.034	77.83382	104.0862	74.11675	72.0871	72.01137	0	27.98863	17.31338	10.67525	30.26525	6
1659.155	1660.039	1299.039	75.11977	86.83363	74.52975	74.93096	54.44867	1.938468	43.61286	27.19884	16.41403	30.10084	6
1659.16	1660.044	1299.044	71.9337	35.814	70.95428	69.51465	72.74451	0	27.25549	17.32275	9.932733	31.19361	6
1659.165	1660.05	1299.05	70.35247	40.54835	69.80966	69.72706	69.66981	0	30.33019	4.823176	25.50701	31.01133	6
1659.17	1660.055	1299.055	70.01026	63.16186	68.52343	68.16942	71.82833	0	28.17167	14.20266	13.96901	31.16652	6
1659.175	1660.06	1299.06	72.58271	85.66397	70.81268	64.91256	66.211	0	33.789	22.59094	11.19806	32.40724	6
1659.18	1660.066	1299.066	77.77482	113.6245	76.18179	69.25505	53.29604	2.195951	44.50801	14.9034	29.60461	30.92459	6
1659.185	1660.071	1299.071	79.87526	154.4514	78.47104	66.8478	40.0203	5.66778	54.31192	25.31465	28.99727	29.92412	6
1659.19	1660.076	1299.076	82.43592	158.4895	82.95513	74.39995	21.78062	11.71071	66.50867	50.1274	16.38127	29.56555	6
1659.195	1660.082	1299.082	74.98996	90.05021	74.84836	73.23173	50.3145	2.988104	46.69739	15.22188	31.47552	29.87912	6
1659.2	1660.087	1299.087	73.59754	78.29787	72.29951	71.20209	63.40189	0	36.59811	7.472035	29.12608	31.72743	6
1659.205	1660.092	1299.092	69.32585	50.05884	68.47623	67.35521	70.69052	0	29.30948	5.40001	23.90947	31.20628	6
1659.21	1660.097	1299.097	61.63209	27.51496	61.9153	61.80909	74.44501	0	25.55499	18.20826	7.346731	30.24809	1
1659.215	1660.103	1299.103	59.31924	24.21483	60.00366	60.87687	74.2621	0	25.7379	14.59548	11.14242	29.71251	1
1659.22	1660.108	1299.108	60.61727	18.17157	60.69987	61.64389	79.19443	0	20.80557	3.646718	17.15885	30.18202	1
1659.225	1660.113	1299.113	60.88867	11.71057	60.68807	60.34586	82.70314	0	17.29686	9.759427	7.537428	30.72795	1
1659.23	1660.119	1299.119	59.69685	14.94107	59.28384	58.52863	84.66398	0	15.33602	8.068402	7.267623	31.10755	1
1659.235	1660.124	1299.124	58.84723	22.0983	57.92681	57.3486	87.646	0	12.354	12.354	0	31.77522	1
1659.24	1660.129	1299.129	58.22182	14.11952	57.71441	57.325	86.95143	0	13.04857	13.04857	0	31.32817	1
1659.245	1660.134	1299.134	58.83543	32.48603	57.80881	57.4312	85.9661	0	14.0339	14.0339	0	31.73833	1
1659.25	1660.14	1299.14	57.74981	17.44749	57.3132	57.1362	86.0316	0	13.9684	13.9684	0	31.18835	1
1659.255	1660.145	1299.145	57.77341	13.10302	57.60821	56.68779	84.95786	0	15.04214	15.04214	0	30.99521	1
1659.26	1660.15	1299.15	57.4784	15.94364	57.4312	55.86177	83.62732	0	16.37268	10.56122	5.811463	30.94829	1
1659.265	1660.156	1299.156	56.52258	20.80331	56.13318	55.44876	85.98273	0	14.01727	14.01727	0	31.29873	1
1659.27	1660.161	1299.161	56.32198	45.19916	55.37796	53.71413	84.56173	0	15.43827	12.95097	2.487301	32.02036	1
1659.275	1660.166	1299.166	56.54619	28.53145	55.67297	53.84393	87.84034	0	12.15966	11.78255	0.377112	32.14613	1
1659.28	1660.171	1299.171	58.08022	18.89564	57.96221	56.73499	82.90797	0	17.09203	14.2979	2.794131	30.90581	1
1659.285	1660.177	1299.177	58.29262	17.48926	57.85601	57.58461	85.52211	0	14.47789	3.318376	11.15952	31.14879	1
1659.29	1660.182	1299.182	57.53741	28.67069	56.78219	56.55799	85.9802	0	14.0198	12.33378	1.686016	31.53255	1

1659.295	1660.187	1299.187	55.81457	31.6227	54.90595	52.5223	88.0397	0	11.9603	11.9603	0	32.36148	1
1659.3	1660.193	1299.193	54.77615	27.90484	53.98553	52.5341	88.98025	0	11.01975	11.01975	0	32.21142	1
1659.305	1660.198	1299.198	55.05935	27.83522	54.79975	52.73471	84.62121	0	15.37879	15.37879	0	31.42591	1
1659.31	1660.203	1299.203	56.02697	36.44061	55.79097	55.57857	81.46559	0	18.53441	18.01232	0.522086	30.88763	1
1659.315	1660.209	1299.209	57.2896	37.63812	56.58159	55.42516	83.67226	0	16.32774	14.16493	2.162812	31.55991	1
1659.32	1660.214	1299.214	57.443	33.39112	56.62879	54.25694	85.38196	0	14.61804	10.94146	3.676573	31.96411	1
1659.325	1660.219	1299.219	57.0418	27.25039	56.46358	54.12714	85.4081	0	14.5919	14.5919	0	31.73968	1
1659.33	1660.224	1299.224	56.47538	24.61864	56.21578	55.11836	84.09688	0	15.90312	10.41812	5.484999	31.14408	1
1659.335	1660.23	1299.23	58.12742	37.95838	57.85601	57.1362	79.44024	0	20.55976	20.5355	0.024259	30.87746	1
1659.34	1660.235	1299.235	56.85299	18.63108	56.61699	56.13318	85.01556	0	14.98444	3.379871	11.60456	31.02994	1
1659.345	1660.24	1299.24	55.68477	16.04111	55.48416	54.89415	86.44275	0	13.55725	12.49487	1.062385	31.15016	1
1659.35	1660.246	1299.246	55.20096	12.08653	55.07116	54.75255	87.29615	0	12.70385	9.02542	3.67843	31.10128	1
1659.355	1660.251	1299.251	55.16556	16.45884	54.77615	53.98553	88.28256	0	11.71744	11.71744	0	31.54933	1
1659.36	1660.256	1299.256	54.88235	14.53725	54.91775	54.17434	85.71587	0	14.28413	14.28413	0	30.9158	1
1659.365	1660.261	1299.261	53.43092	16.34745	53.31292	51.83789	87.80199	0	12.19801	12.19801	0	31.43667	1
1659.37	1660.267	1299.267	54.88235	19.48048	54.82335	52.99431	85.25122	0	14.74878	14.74878	0	31.19725	1
1659.375	1660.272	1299.272	54.35134	29.92391	54.96495	52.78191	77.99968	0	22.00032	14.77977	7.22055	30.3342	1
1659.38	1660.277	1299.277	54.54014	38.62676	54.56374	49.98525	80.29249	0	19.70751	8.078506	11.62901	31.45654	1
1659.385	1660.283	1299.283	54.48114	27.06937	53.79673	52.80551	88.63077	0	11.36923	11.36923	0	31.99954	1
1659.39	1660.288	1299.288	53.90293	19.50833	53.70233	52.99431	87.24297	0	12.75703	7.761245	4.995785	31.3253	1
1659.395	1660.293	1299.293	54.23334	13.98027	54.03273	53.26572	88.27679	0	11.72321	6.566986	5.156229	31.38705	1
1659.4	1660.298	1299.298	55.53136	13.85495	55.35436	57.0654	86.93003	0	13.06997	4.441302	8.628673	30.73713	1
1659.405	1660.304	1299.304	56.54619	17.33609	56.39278	56.34558	84.97105	0	15.02895	8.255926	6.773025	30.87464	1
1659.41	1660.309	1299.309	55.00035	13.72963	54.92955	54.17434	86.62582	0	13.37418	13.37418	0	31.0834	1
1659.415	1660.314	1299.314	54.59915	14.35623	54.54014	53.36012	86.75184	0	13.24816	4.784336	8.463827	31.17724	1
1659.42	1660.32	1299.32	55.69657	10.63837	55.53136	55.29536	87.465	0	12.535	11.27287	1.262136	31.10962	1
1659.425	1660.325	1299.325	55.15376	10.34596	55.00035	54.95315	87.9437	0	12.0563	6.441172	5.615131	31.12336	1
1659.43	1660.33	1299.33	54.64635	17.86523	54.37494	53.43092	87.50537	0	12.49463	12.49463	0	31.42157	1
1659.435	1660.336	1299.336	54.45754	12.05868	54.48114	53.71413	86.79796	0	13.20204	13.20204	0	31.01705	1
1659.44	1660.341	1299.341	54.83515	29.67326	54.46934	54.95315	85.20574	0	14.79426	4.875445	9.918814	31.11713	1
1659.445	1660.346	1299.346	55.44876	55.46157	54.25694	53.98553	84.80208	0	15.19792	3.519997	11.67793	32.13105	1
1659.45	1660.351	1299.351	56.38098	54.01342	54.98855	54.43394	85.84957	0	14.15043	14.15043	0	32.3715	1
1659.455	1660.357	1299.357	54.92955	74.77495	53.07691	52.3925	85.72722	0	14.27278	14.27278	0	33.08807	1
1659.46	1660.362	1299.362	56.38098	62.66058	54.75255	54.19794	85.586	0	14.414	14.414	0	32.62167	1
1659.465	1660.367	1299.367	55.24816	40.6876	54.22154	53.98553	87.28161	0	12.71839	12.71839	0	32.09529	1
1659.47	1660.373	1299.373	53.80853	21.68056	53.43092	53.43092	88.17592	0	11.82408	11.82408	0	31.47239	1
1659.475	1660.378	1299.378	56.56979	44.36369	56.10958	55.57857	80.78641	0	19.21359	18.5984	0.615196	31.13868	1
1659.48	1660.383	1299.383	56.80579	41.4256	56.20398	56.66419	82.37772	0	17.62228	17.62228	0	31.13359	1
1659.485	1660.388	1299.388	56.93559	39.37869	56.53439	56.75859	81.19897	0	18.80103	11.89234	6.908685	30.92466	1
1659.49	1660.394	1299.394	54.84695	35.49374	54.49294	54.25694	83.69488	0	16.30512	14.33929	1.965836	31.16546	1
1659.495	1660.399	1299.399	55.21276	26.73518	54.85875	54.70535	85.47791	0	14.52209	10.28934	4.232752	31.21106	1
1659.5	1660.404	1299.404	55.77917	15.24741	55.86177	56.06238	84.35313	0	15.64687	5.946324	9.700548	30.58041	1
1659.505	1660.41	1299.41	54.38674	13.0334	54.48114	54.63455	86.0785	0	13.9215	13.12183	0.799674	30.72622	1
1659.51	1660.415	1299.415	56.33378	12.89415	56.66419	56.55799	82.49188	0	17.50812	10.90133	6.606785	30.2833	1
1659.515	1660.42	1299.42	56.72319	16.70949	57.2542	57.2188	79.65564	0	20.34436	4.410875	15.93349	29.99136	1
1659.52	1660.425	1299.425	56.20398	15.26133	56.92379	55.99157	79.02053	0	20.97947	20.8348	0.144665	29.96251	1
1659.525	1660.431	1299.431	56.10958	15.99933	56.01517	54.37494	85.23897	0	14.76103	11.67969	3.081348	31.13894	1
1659.53	1660.436	1299.436	56.92379	14.41193	56.78219	55.72017	85.23985	0	14.76015	10.16967	4.590489	31.045	1
1659.535	1660.441	1299.441	56.95919	15.84616	56.59339	55.79097	86.59778	0	13.40222	10.19205	3.210171	31.30478	1
1659.54	1660.447	1299.447	56.43998	33.09871	55.40156	54.24514	88.11309	0	11.88691	11.88691	0	32.22806	1
1659.545	1660.452	1299.452	55.74377	17.907	55.49596	54.46934	86.30273	0	13.69727	13.69727	0	31.26903	1
1659.55	1660.457	1299.457	56.75859	20.85901	56.78219	56.66419	82.55131	0	17.44869	17.44869	0	30.59214	1
1659.555	1660.463	1299.463	58.25722	23.14264	59.05964	57.1716	74.58411	0	25.41589	13.73906	11.67683	30.09099	1
1659.56	1660.468	1299.468	57.73801	18.11587	58.54043	59.81485	76.27826	0	23.72174	11.72892	11.99282	29.47492	1
1659.565	1660.473	1299.473	57.443	25.25917	58.19822	58.37522	75.1868	0	24.8132	5.67021	19.14299	29.73551	1
1659.57	1660.478	1299.478	56.68779	25.20348	57.64361	58.63483	74.34039	0	25.65961	5.77523	19.88438	29.40144	1
1659.575	1660.484	1299.484	56.64059	30.84293	56.90019	57.66721	78.41473	0	21.58527	17.87393	3.711338	30.10994	1
1659.58	1660.489	1299.489	58.04482	31.6227	57.84421	56.79399	80.50076	0	19.49924	6.649908	12.84934	30.88658	1
1659.585	1660.494	1299.494	59.33104	43.75101	58.68203	56.48718	79.85755	0	20.14245	3.522021	16.62043	31.45582	1
1659.59	1660.5	1299.5	58.46962	32.6949	57.86781	58.35162	82.95983	0	17.04017	7.126268	9.913906	31.04414	1
1659.595	1660.505	1299.505	58.80003	34.04558	58.26902	57.71441	81.78028	0	18.21972	10.60085	7.618874	31.11089	1
1659.6	1660.51	1299.51	58.52863	49.6411	57.0654	56.48718	85.48055	0	14.51945	14.51945	0	32.21066	1
1659.605	1660.515	1299.515	59.00064	60.05668	57.4548	56.20398	83.16589	0	16.83411	16.83411	0	32.26509	1
1659.61	1660.521	1299.521	57.4666	51.99435	55.81457	54.76435	87.35135	0	12.64865	3.984574	8.664072	32.72117	1
1659.615	1660.526	1299.526	57.91501	31.34421	56.99459	55.64937	86.26613	0	13.73387	13.73387	0	31.89536	1
1659.62	1660.531	1299.531	57.82061	38.86348	56.78219	55.02395	85.44784	0	14.55216	14.55216	0	32.05483	1
1659.625	1660.537	1299.537	58.71743	32.97339	57.76161	56.34558	85.40801	0	14.59199	14.59199	0	31.83521	1
1659.63	1660.542	1299.542	57.0182	23.44898	56.41638	54.46934	86.53265	0	13.46735	6.818224	6.649123	31.75503	1
1659.635	1660.547	1299.547	55.53136	16.13858	55.37796	55.64937	86.19448	0	13.80552	13.80552	0	30.93008	1
1659.64	1660.552	1299.552	55.72017	16.34745	55.94437	55.81457	83.04378	0	16.95622	16.95622	0	30.43614	1
1659.645	1660.558	1299.558	57.443	20.74761	57.384	57.73801	82.58877	0	17.41123	6.428144	10.98308	30.56424	1
1659.65	1660.563	1299.563	57.56101	22.29324	57.52561	56.55799	81.92327	0	18.07673	18.07673	0	30.75952	1
1659.655	1660.568	1299.568	56.49898	36.69125	57.0182	52.01489	75.11777	0	24.88223	5.369578	19.51265	30.93238	1

1659.66	1660.574	1299.574	56.08598	46.06249	57.2306	55.46056	68.38295	0	31.61705	13.29669	18.32036	29.97438	1
1659.665	1660.579	1299.579	57.1716	42.34462	58.31622	55.86177	68.2839	0	31.7161	20.79116	10.92495	30.12531	1
1659.67	1660.584	1299.584	58.00942	43.13833	58.44602	59.94466	72.80814	0	27.19186	13.28304	13.90881	29.85517	1
1659.675	1660.59	1299.59	59.47265	37.12291	59.90925	59.79125	72.9177	0	27.0823	20.03998	7.042318	30.14633	1
1659.68	1660.595	1299.595	59.03604	28.23903	59.11864	58.72923	78.21284	0	21.78716	7.783977	14.00319	30.43892	1
1659.685	1660.6	1299.6	58.09202	22.20969	58.94163	60.08626	74.59606	0	25.40394	6.223274	19.18066	29.48378	1
1659.69	1660.605	1299.605	57.58461	34.18483	59.09504	60.67627	67.04359	0	32.95641	7.873981	25.08243	29.13591	1
1659.695	1660.611	1299.611	57.99762	30.091	59.30744	60.88867	69.20901	0	30.79099	11.16966	19.62133	29.19359	1
1659.7	1660.616	1299.616	58.74103	35.47981	59.26024	59.93285	73.34826	0	26.65174	13.11882	13.53293	29.91111	1
1659.705	1660.621	1299.621	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1660.015	1660.949	1299.949	82.17631	42.56742	80.93729	81.4565	63.69893	0	36.30107	10.50101	25.80007	31.60039	1
1660.02	1660.955	1299.955	79.73366	28.90741	79.50946	79.41506	61.38702	0	38.61298	11.43986	27.17312	32.75262	1
1660.025	1660.96	1299.96	77.13761	26.21997	77.12581	78.44744	62.77962	0	37.22038	8.569142	28.65124	32.04774	1
1660.03	1660.965	1299.965	75.54458	13.18657	75.28497	75.02537	69.31978	0	30.68022	22.84959	7.830627	31.45385	1
1660.035	1660.971	1299.971	75.49737	18.79817	75.32037	75.60358	67.36504	0	32.63496	5.561385	27.07358	31.50828	1
1660.04	1660.976	1299.976	73.59754	15.99933	73.29073	72.68892	70.79618	0	29.20382	22.62117	6.58265	31.22693	1
1660.045	1660.981	1299.981	75.86318	9.315539	75.87498	76.07559	67.86006	0	32.13994	24.21224	7.927704	31.62722	1
1660.05	1660.986	1299.986	75.32037	8.981349	75.39117	75.46197	67.98306	0	32.01694	10.79522	21.22172	31.58618	1
1660.055	1660.992	1299.992	74.22295	10.01177	74.14035	74.55336	69.9322	0	30.0678	10.79002	19.27777	31.20088	1
1660.06	1660.997	1299.997	74.64776	11.00041	74.48255	74.17575	69.94229	0	30.05771	13.22414	16.83357	31.35811	1
1660.065	1661.002	1300.002	76.7954	21.27675	76.11099	76.04019	69.50347	0	30.49653	20.14303	10.3535	31.3331	1
1660.07	1661.008	1300.008	78.16423	25.49589	77.72762	78.32943	65.30262	0	34.69738	16.67503	18.02235	31.80619	1
1660.075	1661.013	1300.013	76.8544	17.82345	76.8662	76.8072	64.88922	0	35.11078	8.22161	26.88917	32.06767	1
1660.08	1661.018	1300.018	76.27619	11.54347	76.5948	76.8072	64.56318	0	35.43682	6.909009	28.52781	32.12315	1
1660.085	1661.023	1300.023	75.53278	14.46763	76.13459	76.25259	62.34463	0	37.65537	6.329369	31.326	32.35646	1
1660.09	1661.029	1300.029	74.15215	14.82967	74.58876	75.22597	64.80752	0	35.19248	8.670926	26.52155	31.67387	1
1660.095	1661.034	1300.034	73.75094	21.15143	74.25835	75.07257	63.09806	0	36.90194	19.48441	17.41753	31.75307	1
1660.1	1661.039	1300.039	74.76576	29.4644	74.16395	74.44715	68.74916	0	31.25084	24.31212	6.938721	31.19406	1
1660.105	1661.045	1300.045	74.71856	22.62743	74.30555	73.98694	68.9839	0	31.0161	17.79531	13.22079	31.34324	1
1660.11	1661.05	1300.05	74.67136	16.24998	74.18755	73.53853	71.11938	0	28.88062	24.34447	4.536142	31.26697	8
1660.115	1661.055	1300.055	78.57724	58.07939	76.6656	74.32915	68.46893	0	31.53107	10.39351	21.13756	31.15112	8
1660.12	1661.06	1300.06	75.89858	53.90202	73.98694	72.97212	71.94422	0	28.05578	17.9236	10.13218	30.90526	8
1660.125	1661.066	1300.066	77.75122	55.02991	75.99299	73.53853	68.77797	0	31.22203	24.46942	6.752607	31.28089	8
1660.13	1661.071	1300.071	78.32943	73.17363	77.37361	78.57724	57.63651	0.914853	41.44864	23.16655	18.28209	30.92727	8
1660.135	1661.076	1300.076	79.35605	96.1074	78.71884	76.6656	48.67284	3.415253	47.91191	31.66337	16.24854	29.91181	8
1660.14	1661.082	1300.082	76.13459	47.10683	75.14337	74.30555	66.23828	0	33.76172	9.123029	24.63869	31.51384	8
1660.145	1661.087	1300.087	77.11401	66.15564	75.94578	75.07257	62.09918	0	37.90082	23.03102	14.8698	31.85466	8
1660.15	1661.092	1300.092	74.94276	85.23231	73.14913	68.83024	64.32712	0	35.67288	7.466454	28.20642	32.10606	8
1660.155	1661.098	1300.098	71.00148	36.46846	70.11646	68.71224	72.71216	0	27.28784	10.08516	17.20268	31.16903	8
1660.16	1661.103	1300.103	69.84506	26.41491	69.42025	69.56185	72.6424	0	27.3576	17.91035	9.447243	30.79059	8
1660.165	1661.108	1300.108	66.61179	28.67069	66.895	64.66475	69.584	0	30.416	10.93582	19.48018	30.99726	1
1660.17	1661.113	1300.113	64.68835	92.94652	63.08352	63.17792	70.43111	0	29.56889	21.62693	7.941953	31.59134	1
1660.175	1661.119	1300.119	60.71167	94.4643	58.80003	58.45782	76.10011	0	23.89989	13.56938	10.33051	32.16355	1
1660.18	1661.124	1300.124	62.1041	111.1459	59.88565	59.62605	73.15987	0.073977	26.76616	9.198715	17.56744	32.21088	1
1660.185	1661.129	1300.129	63.35493	72.35208	61.66749	60.46387	77.28188	0	22.71812	14.8575	7.860618	31.83534	1
1660.19	1661.135	1300.135	62.77671	50.92216	61.01848	59.98006	83.54859	0	16.45141	16.45141	0	32.036	1
1660.195	1661.14	1300.14	64.91256	64.91636	63.09532	62.1159	78.65428	0	21.34572	3.572233	17.77349	31.73391	1
1660.2	1661.145	1300.145	64.71195	36.44061	64.00394	63.59093	77.13349	0	22.86651	15.71557	7.150942	30.91984	1
1660.205	1661.15	1300.15	64.71195	22.14007	64.31074	63.73253	78.21647	0	21.78353	14.80379	6.979735	30.76337	1
1660.21	1661.156	1300.156	62.94192	23.28189	63.07172	62.70591	75.45325	0	24.54675	9.583545	14.96321	30.3949	1
1660.215	1661.161	1300.161	61.12468	15.49805	61.18368	60.81787	79.55751	0	20.44249	20.44249	0	30.43454	1
1660.22	1661.166	1300.166	59.05964	25.70476	59.30744	60.19246	77.52409	0	22.47591	10.00952	12.46638	30.04694	1
1660.225	1661.172	1300.172	63.59093	44.48901	62.44631	61.9861	79.60084	0	20.39916	13.82831	6.570858	31.2851	1
1660.23	1661.177	1300.177	65.39637	59.24906	63.86234	63.86234	77.38582	0	22.61418	13.7569	8.857285	31.32	1
1660.235	1661.182	1300.182	65.31377	66.76832	63.59093	62.68231	77.10538	0	22.89462	5.597109	17.29752	31.61635	1
1660.24	1661.187	1300.187	63.92134	76.30666	61.9861	61.45509	77.72427	0	22.27573	10.20899	12.06674	31.83868	1
1660.245	1661.193	1300.193	59.80305	129.3175	57.0182	57.1362	75.269	0.782141	23.94886	19.97661	3.972251	31.98747	1
1660.25	1661.198	1300.198	58.96524	134.9291	57.64361	58.72923	63.34175	2.314987	34.34326	13.19915	21.14411	29.00172	1
1660.255	1661.203	1300.203	60.07446	138.8141	61.65569	61.63209	38.88394	5.352138	55.76392	24.4241	31.33982	26.87209	1
1660.26	1661.209	1300.209	57.1362	126.9364	57.0654	52.1801	57.2648	2.635263	40.09994	17.43375	22.66619	29.24543	1
1660.265	1661.214	1300.214	54.54014	113.0815	51.57828	44.95835	85.41178	0	14.58822	14.58822	0	35.57601	1
1660.27	1661.219	1300.219	53.67873	83.99302	52.2745	45.52476	81.17203	0	18.82797	5.723368	13.1046	33.62527	1
1660.275	1661.225	1300.225	53.92653	86.77794	51.38948	47.77861	89.04948	0	10.95052	10.95052	0	34.82259	1
1660.28	1661.23	1300.23	54.16254	76.23703	51.89689	48.01461	89.27987	0	10.72013	10.72013	0	34.51628	1
1660.285	1661.235	1300.235	52.82911	63.30111	50.96467	49.98525	90.52775	0	9.472251	9.472251	0	33.76093	1
1660.29	1661.24	1300.24	51.93229	63.96949	50.51626	49.19463	87.7159	0	12.2841	12.2841	0	33.13788	1
1660.295	1661.246	1300.246	52.3925	56.39452	51.38948	50.09145	85.92484	0	14.07516	14.07516	0	32.44492	1
1660.3	1661.251	1300.251	52.1565	50.51835	51.99129	49.26544	81.07091	0	18.92909	9.122252	9.806837	31.48871	1
1660.305	1661.256	1300.256	52.98251	47.16253	52.95891	48.98223	80.02566	0	19.97434	18.90977	1.064565	31.47311	1
1660.31	1661.262	1300.262	50.31566	68.13293	49.34804	45.09995	84.72048	0	15.27952	11.662	3.61752	33.09197	1
1660.315	1661.267	1300.267	47.82581	39.00273	47.755	46.96439	87.11031	0	12.88969	12.88969	0	31.60404	1
1660.32	1661.272	1300.272	49.30084	52.34247	47.92021	46.32718	92.67622	0	7.323777	7.323777	0	33.87462	1
1660.325	1661.277	1300.277	50.61066	71.50268	49.10023	47.4364	87.84038	0	12.15962	12.15962	0	33.48991	1

1660.33	1661.283	1300.283	49.82005	63.53782	48.55742	44.98195	88.57475	0	11.42525	4.018567	7.406679	33.65486	1
1660.335	1661.288	1300.288	49.23003	55.53119	48.06181	42.95231	90.32355	0	9.676445	9.676445	0	34.01735	1
1660.34	1661.293	1300.293	46.43338	30.29987	45.85517	44.06153	94.42987	0	5.570134	5.570134	0	33.29072	1
1660.345	1661.299	1300.299	45.06455	38.69639	43.73112	42.4449	99.51015	0	0.489849	0.489849	0	35.1321	1
1660.35	1661.304	1300.304	50.92927	44.39154	51.14167	49.38344	80.75619	0	19.24381	7.244599	11.99922	30.90898	1
1660.355	1661.309	1300.309	48.89963	69.77603	50.12685	48.32142	68.61555	0	31.38445	9.709651	21.6748	29.96096	1
1660.36	1661.314	1300.314	49.27724	52.50956	50.70507	51.27148	70.89195	0	29.10805	10.60321	18.50484	29.12692	1
1660.365	1661.32	1300.32	49.10023	49.71072	50.61066	51.11807	71.09195	0	28.90805	11.50672	17.40133	29.02692	1
1660.37	1661.325	1300.325	43.51872	43.19402	43.68392	43.75472	88.2295	0	11.7705	6.077557	5.692944	31.56073	1
1660.375	1661.33	1300.33	43.34171	47.52457	43.83732	43.42432	84.7837	0	15.2163	7.485446	7.730855	30.96468	1
1660.38	1661.336	1300.336	47.4246	55.18308	47.84941	47.3184	79.7228	0	20.2772	6.812911	13.46429	30.61283	1
1660.385	1661.341	1300.341	42.97591	72.95083	43.04671	41.55988	82.25935	0	17.74065	11.85413	5.886519	31.73246	1
1660.39	1661.346	1300.346	40.95806	51.52092	41.19407	37.7956	88.02148	0	11.97852	11.97852	0	32.32326	1
1660.395	1661.351	1300.351	42.17349	48.38789	42.23249	39.84884	89.03326	0	10.96674	3.613903	7.352836	32.36335	1
1660.4	1661.357	1300.357	38.40921	32.51388	38.50361	36.66278	96.06355	0	3.936449	3.936449	0	33.31506	1
1660.405	1661.362	1300.362	35.74236	30.02138	35.60075	34.97534	100	0	0	0	0	34.10766	1
1660.41	1661.367	1300.367	37.05218	28.69854	37.09939	37.44159	98.60113	0	1.398865	1.398865	0	33.48035	1
1660.415	1661.373	1300.373	39.42403	31.51131	39.50664	40.37985	95.46399	0	4.53601	4.53601	0	32.64931	1
1660.42	1661.378	1300.378	39.50664	32.15184	39.64824	39.82524	94.77573	0	5.224272	5.224272	0	32.59328	1
1660.425	1661.383	1300.383	39.68364	33.53037	39.96684	40.52146	93.18186	0	6.818142	3.138752	3.679391	32.10338	1
1660.43	1661.389	1300.389	39.09363	21.75018	39.22343	39.82524	97.76435	0	2.235651	2.235651	0	32.95773	1
1660.435	1661.394	1300.394	42.07909	57.18822	41.74868	40.73386	90.00834	0	9.991657	9.991657	0	32.79652	1
1660.44	1661.399	1300.399	39.56564	39.68503	38.53902	37.46519	100	0	0	0	0	34.93186	1
1660.445	1661.404	1300.404	37.9018	39.57363	36.33237	35.03434	100	0	0	0	0	34.73606	1
1660.45	1661.41	1300.41	38.94022	48.03977	37.772	35.49455	100	0	0	0	0	35.54491	1
1660.455	1661.415	1300.415	39.42403	30.39734	39.23523	39.05823	97.83696	0	2.163037	2.163037	0	33.58285	1
1660.46	1661.42	1300.42	38.29121	29.71504	38.64522	38.09061	94.83749	0	5.162509	5.162509	0	32.52342	1
1660.465	1661.426	1300.426	37.6068	24.25661	37.17019	35.95476	100	0	0	0	0	34.02061	1
1660.47	1661.431	1300.431	38.55082	35.42411	38.40921	37.8782	97.05804	0	2.941963	2.941963	0	33.56506	1
1660.475	1661.436	1300.436	37.02858	25.03638	36.76898	36.76898	100	0	0	0	0	33.81523	1
1660.48	1661.441	1300.441	37.54779	28.09979	37.37079	37.7838	100	0	0	0	0	33.97644	1
1660.485	1661.447	1300.447	36.70998	25.78831	36.50937	36.76898	100	0	0	0	0	33.78862	1
1660.49	1661.452	1300.452	33.57111	13.10302	33.24071	32.60349	100	0	0	0	0	32.93109	1
1660.495	1661.457	1300.457	31.98988	6.210359	32.00168	32.41469	100	0	0	0	0	32.24101	1
1660.5	1661.463	1300.463	43.25911	34.86713	42.4449	42.11449	98.07395	0	1.926049	1.926049	0	34.18188	1
1660.505	1661.468	1300.468	49.02943	45.14346	49.46604	52.08569	80.58449	0	19.41551	18.7365	0.679014	29.92183	1
1660.51	1661.473	1300.473	53.10051	30.34164	54.38674	55.40156	73.83659	0	26.16341	13.9445	12.21891	29.04333	1
1660.515	1661.478	1300.478	53.56072	39.37869	54.83515	56.43998	71.31769	0	28.68231	17.05834	11.62397	29.03449	1
1660.52	1661.484	1300.484	56.35738	21.15143	57.2542	58.38702	76.08222	0	23.91778	3.880441	20.03734	29.3941	1
1660.525	1661.489	1300.489	52.3571	23.99204	52.1919	52.3453	87.30572	0	12.69428	8.595273	4.099006	31.21847	1
1660.53	1661.494	1300.494	55.20096	30.57836	55.36616	54.63455	80.53483	0	19.46517	7.513518	11.95165	30.55207	1
1660.535	1661.5	1300.5	56.93559	39.47616	56.18038	55.54316	83.91894	0	16.08106	15.54799	0.533067	31.53786	1
1660.54	1661.505	1300.505	57.50201	66.30881	56.94739	56.27478	75.34966	0	24.65034	4.694987	19.95535	31.18345	1
1660.545	1661.51	1300.51	60.22786	15.90186	60.28686	60.12166	80.28486	0	19.71514	9.173824	10.54132	30.41341	1
1660.55	1661.516	1300.516	53.53712	28.42005	53.20672	53.67873	86.42885	0	13.57115	10.09512	3.476029	31.22309	1
1660.555	1661.521	1300.521	54.58735	46.09033	53.58432	57.98581	86.39919	0	13.60081	11.88067	1.720134	31.20691	1
1660.56	1661.526	1300.526	51.92049	48.76385	53.44272	57.1598	68.635	0	31.365	22.24282	9.122176	28.50665	1
1660.565	1661.531	1300.531	57.60821	29.33907	58.89443	61.12468	69.93214	0	30.06786	9.47003	20.59783	29.03307	1
1660.57	1661.537	1300.537	58.38702	32.86199	60.12166	61.64389	64.88791	0	35.11209	15.42676	19.68533	29.15704	1
1660.575	1661.542	1300.542	55.18916	19.64757	55.48416	56.36918	82.18497	0	17.81503	5.911667	11.90337	30.15252	1
1660.58	1661.547	1300.547	54.03273	27.61243	54.03273	53.91473	83.60768	0	16.39232	15.89179	0.500535	30.77164	1
1660.585	1661.553	1300.553	60.01546	16.84873	60.39306	60.88867	77.78193	0	22.21807	16.95098	5.267089	29.99869	1
1660.59	1661.558	1300.558	56.54619	51.93866	58.58763	61.9979	59.58718	0	40.41282	21.00067	19.41215	28.97605	1
1660.595	1661.563	1300.563	51.02367	37.62419	51.05907	49.63124	83.67881	0	16.32119	11.11975	5.201444	31.15508	1
1660.6	1661.568	1300.568	52.69931	57.71735	53.11231	54.36314	74.34822	0	25.65178	15.41971	10.23207	30.01712	1
1660.605	1661.574	1300.574	56.54619	44.75358	57.71441	58.72923	68.09341	0	31.90659	20.90951	10.99709	29.45332	1
1660.61	1661.579	1300.579	53.11231	43.48644	53.17132	56.99459	80.15569	0	19.84431	10.13425	9.71006	29.9259	1
1660.615	1661.584	1300.584	55.75557	17.89308	55.83817	56.22758	83.73459	0	16.26541	12.02316	4.242254	30.50921	1
1660.62	1661.59	1300.59	58.81183	10.31811	58.75283	58.38702	83.85339	0	16.14661	3.034813	13.1118	30.69102	1
1660.625	1661.595	1300.595	58.90623	16.431	59.00064	59.94466	81.09835	0	18.90165	17.11119	1.790457	30.21418	1
1660.63	1661.6	1300.6	56.98279	26.0111	57.0654	57.207	80.64098	0	19.35902	15.15422	4.204804	30.41464	1
1660.635	1661.605	1300.605	66.13978	48.13725	64.40515	63.44933	80.94561	0	19.05439	13.43212	5.622266	31.58569	1
1660.64	1661.611	1300.611	62.2221	26.05287	62.0215	61.70289	78.00555	0	21.99445	12.35447	9.639981	30.6013	1
1660.645	1661.616	1300.616	56.52258	51.46522	57.51381	62.3401	67.86268	0	32.13732	9.371979	22.76534	28.94029	1
1660.65	1661.621	1300.621	56.81759	29.71504	56.33378	58.33982	84.2863	0	15.7137	15.7137	0	30.78523	1
1660.655	1661.627	1300.627	51.92049	57.84267	51.70809	47.16499	79.88136	0	20.11864	9.685988	10.43266	31.87368	1
1660.66	1661.632	1300.632	48.35682	17.62851	48.26242	46.97619	91.97724	0	8.022756	8.022756	0	32.07587	1
1660.665	1661.637	1300.637	53.25392	22.05652	53.08871	52.4161	86.94904	0	13.05096	12.79098	0.259972	31.28717	1
1660.67	1661.643	1300.643	50.02065	28.90741	49.65484	51.03547	89.82042	0	10.17958	10.17958	0	31.61371	1
1660.675	1661.648	1300.648	49.45424	20.42735	49.48964	50.68146	89.28433	0	10.71567	10.71567	0	31.11876	1
1660.68	1661.653	1300.653	54.90595	34.8532	55.23636	57.207	78.4914	0	21.5086	8.280162	13.22844	29.85519	1
1660.685	1661.658	1300.658	58.61123	15.84616	59.18944	59.68505	77.76176	0	22.23824	16.55703	5.68121	29.81534	1
1660.69	1661.664	1300.664	64.19274	10.61052	64.28714	64.62935	77.64331	0	22.35669	22.35669	0	30.2875	1

1660.695	1661.669	1300.669	65.36097	8.201573	65.56157	65.39637	76.32845	0	23.67155	6.380992	17.29056	30.36568	1
1660.7	1661.674	1300.674	64.36975	12.69921	64.47595	64.80636	76.88356	0	23.11644	9.744375	13.37207	30.28907	1
1660.705	1661.68	1300.68	63.88594	14.21699	63.66173	63.44933	79.52201	0	20.47799	15.92682	4.551162	30.59583	1
1660.71	1661.685	1300.685	61.87989	11.91943	61.78549	60.99488	80.91761	0	19.08239	14.77822	4.304174	30.64638	1
1660.715	1661.69	1300.69	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1661.005	1661.997	1300.997	87.32122	36.46846	86.90821	87.42742	54.03993	2.589791	43.37028	12.78848	30.5818	31.58908	1
1661.01	1662.002	1301.002	83.27373	44.21052	82.82533	82.77812	56.16439	1.520945	42.31466	15.26679	27.04788	31.73397	1
1661.015	1662.008	1301.008	82.38872	62.28461	81.03169	78.89584	59.64647	0.005109	40.34842	7.405752	32.94267	32.38873	1
1661.02	1662.013	1301.013	80.81928	51.11711	79.96967	78.68344	59.86045	0.218142	39.9214	27.78637	12.13503	32.36228	1
1661.025	1662.018	1301.018	79.28525	57.64773	78.90764	78.58904	56.03328	1.413835	42.55289	12.57229	29.9806	31.29935	1
1661.03	1662.024	1301.024	75.74518	92.57056	76.19359	75.04897	44.43719	4.551665	51.01115	19.99797	31.01318	29.21864	1
1661.035	1662.029	1301.029	75.75698	139.928	74.81296	75.65078	43.75715	4.963748	51.27911	24.36495	26.91415	27.81668	1
1661.04	1662.034	1301.034	75.41477	127.2288	74.76576	75.09617	44.85889	4.611747	50.52936	17.50007	33.02929	28.23422	1
1661.045	1662.039	1301.039	73.30253	61.65801	74.48255	74.76576	48.49525	3.106696	48.39806	34.12611	14.27195	29.84148	1
1661.05	1662.045	1301.045	71.30829	55.43372	72.26411	72.88952	53.57381	1.643697	44.78249	24.3099	20.47259	30.39999	1
1661.055	1662.05	1301.05	72.61812	117.3702	71.27289	70.52947	55.21325	2.273555	42.51319	25.57829	16.9349	29.54689	1
1661.06	1662.055	1301.055	72.62992	148.4916	70.56487	67.75642	53.24958	3.229679	43.52074	20.6058	22.91494	28.95506	1
1661.065	1662.061	1301.061	70.98968	127.5352	68.93644	66.71799	59.73861	1.737121	38.52427	13.27016	25.25411	30.13702	1
1661.07	1662.066	1301.066	69.72706	56.25527	68.52343	66.29319	71.56542	0	28.43458	18.89845	9.536124	31.44239	1
1661.075	1662.071	1301.071	71.9101	50.51835	70.96608	69.19605	68.93342	0	31.06658	12.66498	18.40161	31.41453	1
1661.08	1662.076	1301.076	69.64445	69.70641	67.96882	67.47321	72.04432	0	27.95568	15.92083	12.03485	31.24647	1
1661.085	1662.082	1301.082	68.05142	44.12697	66.9422	65.39637	75.31044	0	24.68956	15.93244	8.75712	31.23542	1
1661.09	1662.087	1301.087	68.70044	30.07708	68.07502	66.70619	74.3639	0	25.6361	20.84866	4.787445	31.03866	1
1661.095	1662.092	1301.092	69.33765	41.4813	68.65323	67.75642	71.4751	0	28.5249	7.64567	20.87923	31.06735	1
1661.1	1662.098	1301.098	67.2018	29.65934	66.64719	66.16338	75.29502	0	24.70498	7.943404	16.76158	30.82582	1
1661.105	1662.103	1301.103	67.55581	35.17347	66.70619	65.52617	75.92121	0	24.07879	16.85503	7.22376	31.0665	1
1661.11	1662.108	1301.108	66.8714	24.4794	66.29319	65.53797	77.03544	0	22.96456	16.33095	6.633605	30.8685	1
1661.115	1662.113	1301.113	67.69741	19.39693	67.34341	66.43479	75.76788	0	24.23212	17.09927	7.132853	30.82226	1
1661.12	1662.119	1301.119	66.71799	17.72598	66.11618	65.65597	78.9938	0	21.0062	8.076055	12.93014	30.82981	1
1661.125	1662.124	1301.124	67.44961	21.77803	67.0366	66.8478	75.87689	0	24.12311	11.36269	12.76042	30.70625	1
1661.13	1662.129	1301.129	67.42601	20.30203	67.29621	67.34341	74.06095	0	25.93905	17.2891	8.649951	30.58737	1
1661.135	1662.135	1301.135	68.08682	22.54388	67.75642	68.20482	74.46516	0	25.53484	21.29692	4.237925	30.59528	1
1661.14	1662.14	1301.14	69.79786	26.1782	69.20785	68.79484	74.02344	0	25.97656	17.54666	8.429902	30.87454	1
1661.145	1662.145	1301.145	68.52343	21.86158	68.16942	67.68561	74.4115	0	25.5885	9.645484	15.94302	30.78771	1
1661.15	1662.151	1301.151	66.8832	25.44019	67.1664	65.98638	70.11609	0	29.88391	13.319	16.56491	30.78231	1
1661.155	1662.156	1301.156	67.75642	30.31379	68.14582	67.47321	67.31025	0	32.68975	6.661902	26.02785	30.88871	1
1661.16	1662.161	1301.161	69.55005	31.69233	69.83326	71.22569	66.14956	0	33.85044	6.637499	27.21294	30.77836	1
1661.165	1662.166	1301.166	68.54703	34.26837	68.27563	68.27563	70.74718	0	29.25282	18.27026	10.98256	30.80329	1
1661.17	1662.172	1301.172	64.26354	24.56295	63.66173	62.1277	79.59735	0	20.40265	11.00346	9.399187	31.07397	1
1661.175	1662.177	1301.177	62.82391	18.90957	62.55251	61.78549	79.72928	0	20.27072	12.15763	8.113097	30.73676	1
1661.18	1662.182	1301.182	60.40486	38.45967	59.03604	56.73499	85.7287	0	14.2713	14.2713	0	32.2565	1
1661.185	1662.188	1301.188	60.29866	53.55391	58.94163	58.58763	82.08215	0	17.91785	17.91785	0	31.74054	1
1661.19	1662.193	1301.193	58.35162	45.99286	56.74679	55.18916	87.62369	0	12.37631	12.37631	0	32.67088	1
1661.195	1662.198	1301.198	59.17764	44.69788	58.19822	56.73499	82.33019	0	17.66981	10.07673	7.593078	31.6878	1
1661.2	1662.203	1301.203	59.16584	42.4421	58.26902	56.65239	82.24678	0	17.75322	17.75322	0	31.63478	1
1661.205	1662.209	1301.209	58.38702	38.77993	57.62001	57.207	82.84357	0	17.15643	17.15643	0	31.35885	1
1661.21	1662.214	1301.214	59.75585	57.39709	58.55223	57.3958	80.46261	0	19.53739	6.40647	13.13092	31.7523	1
1661.215	1662.219	1301.219	59.66145	45.21309	58.45782	57.62001	83.49799	0	16.50201	11.91497	4.587034	31.79034	1
1661.22	1662.225	1301.225	59.53165	42.08006	58.24542	57.2778	85.01577	0	14.98423	14.98423	0	31.9727	1
1661.225	1662.23	1301.23	59.05964	30.18847	58.31622	57.3958	84.12099	0	15.87901	11.03247	4.846534	31.43626	1
1661.23	1662.235	1301.235	59.05964	26.67948	58.41062	58.10382	84.23855	0	15.76145	15.76145	0	31.23789	1
1661.235	1662.24	1301.24	58.70563	16.22213	58.65843	59.83845	82.43087	0	17.56913	15.07836	2.49077	30.33878	1
1661.24	1662.246	1301.246	56.94739	13.39544	56.74679	57.67901	85.92138	0	14.07862	14.07862	0	30.75769	1
1661.245	1662.251	1301.251	57.325	19.57795	56.73499	55.25996	87.09573	0	12.90427	12.90427	0	31.65591	1
1661.25	1662.256	1301.256	58.29262	16.47277	58.17462	59.69685	83.2989	0	16.7011	12.88087	3.820229	30.38675	1
1661.255	1662.262	1301.262	56.32198	17.2247	55.96797	56.09778	86.75896	0	13.24104	3.804213	9.43683	31.14969	1
1661.26	1662.267	1301.267	56.18038	16.19428	55.95617	55.23636	86.13262	0	13.86738	7.345761	6.521616	31.1374	1
1661.265	1662.272	1301.272	56.58159	13.01948	56.55799	56.32198	84.97713	0	15.02287	4.325781	10.69709	30.75471	1
1661.27	1662.278	1301.278	57.1834	16.16643	56.68779	55.55496	87.31998	0	12.68002	12.68002	0	31.51783	1
1661.275	1662.283	1301.283	56.99459	16.22213	56.73499	56.03877	85.65116	0	14.34884	12.9456	1.403243	31.10194	1
1661.28	1662.288	1301.288	57.3132	17.01583	57.0654	56.48718	85.07451	0	14.92549	6.438485	8.487001	31.02233	1
1661.285	1662.293	1301.293	57.76161	13.20049	57.63181	58.11562	84.67077	0	15.32923	14.59823	0.730998	30.66829	1
1661.29	1662.299	1301.299	57.63181	13.39544	57.64361	57.62001	83.64559	0	16.35441	16.35441	0	30.58055	1
1661.295	1662.304	1301.304	57.76161	22.29324	57.57281	56.27478	82.92758	0	17.07242	17.07242	0	30.983	1
1661.3	1662.309	1301.309	56.07418	15.88794	55.83817	55.55496	86.39592	0	13.60408	11.99574	1.608349	31.09016	1
1661.305	1662.315	1301.315	56.73499	22.59958	56.71139	54.79975	82.51762	0	17.48238	14.67548	2.806904	30.95563	1
1661.31	1662.32	1301.32	57.90321	25.69084	58.10382	58.50503	78.95718	0	21.04282	13.07278	7.970043	30.19381	1
1661.315	1662.325	1301.325	58.76463	22.87807	58.45782	58.85903	82.77779	0	17.22221	8.982028	8.240177	30.73699	1
1661.32	1662.33	1301.33	59.37824	30.29987	59.67325	60.05086	75.75315	0	24.24685	8.190162	16.05669	30.09855	1
1661.325	1662.336	1301.336	58.84723	33.34935	59.51985	57.69081	72.57725	0	27.42275	19.75523	7.667529	30.24531	1
1661.33	1662.341	1301.341	57.2188	25.14778	57.85601	58.81183	76.33454	0	23.66546	21.15064	2.514821	29.67479	1
1661.335	1662.346	1301.346	57.59641	21.1932	56.97099	54.32774	86.7295	0	13.2705	3.914724	9.355775	31.86688	1
1661.34	1662.352	1301.352	58.71743	22.40464	58.46962	57.77341	82.47853	0	17.52147	6.836773	10.68469	30.87507	1

1661.345	1662.357	1301.357	57.98581	24.01989	58.04482	57.0182	80.38298	0	19.61702	3.284749	16.33227	30.61179	1
1661.35	1662.362	1301.362	59.31924	18.72855	59.70865	60.74707	77.87608	0	22.12392	6.39111	15.73281	29.87989	1
1661.355	1662.367	1301.367	58.12742	19.31338	58.15102	58.65843	81.66603	0	18.33397	18.33397	0	30.38802	1
1661.36	1662.373	1301.373	58.64663	14.59295	58.39882	58.57583	84.4341	0	15.5659	15.5659	0	30.79357	1
1661.365	1662.378	1301.378	59.28384	17.29432	58.94163	58.03302	83.92575	0	16.07425	16.07425	0	31.0347	1
1661.37	1662.383	1301.383	59.17764	12.94985	58.98884	59.08324	83.88594	0	16.11406	9.473906	6.640157	30.70986	1
1661.375	1662.389	1301.389	59.40184	32.76452	58.90623	58.70563	81.26227	0	18.73773	18.73773	0	30.95151	1
1661.38	1662.394	1301.394	60.10986	70.63936	58.33982	57.2778	81.32199	0	18.67801	18.67801	0	32.25655	1
1661.385	1662.399	1301.399	60.68807	107.2192	58.36342	59.35464	76.23595	0	23.76405	16.91139	6.852663	32.29785	1
1661.39	1662.405	1301.405	60.87687	86.84756	58.55223	58.37522	80.99219	0	19.00781	3.395304	15.61251	32.51676	1
1661.395	1662.41	1301.41	60.27506	80.67897	57.76161	57.0654	84.50188	0	15.49812	9.582488	5.91563	33.00348	1
1661.4	1662.415	1301.415	60.91228	70.65328	58.70563	57.207	83.96411	0	16.03589	6.296744	9.739142	32.74195	1
1661.405	1662.42	1301.42	61.77369	76.93326	59.99186	60.08626	78.35959	0	21.64041	19.64666	1.993754	31.82666	1
1661.41	1662.426	1301.426	60.77067	49.07019	59.26024	58.10382	83.92184	0	16.07816	16.07816	0	32.05019	1
1661.415	1662.431	1301.431	60.34586	22.54388	59.56705	58.31622	85.06201	0	14.93799	14.93799	0	31.49485	1
1661.42	1662.436	1301.436	58.54043	25.64906	58.11562	57.98581	83.228	0	16.772	16.07301	0.698986	30.97387	1
1661.425	1662.442	1301.442	59.09504	23.10087	58.49323	57.93861	84.7062	0	15.2938	4.167353	11.12645	31.25662	1
1661.43	1662.447	1301.447	60.07446	35.0203	59.42544	58.22182	81.28644	0	18.71356	10.57902	8.134538	31.24313	1
1661.435	1662.452	1301.452	60.80607	31.14927	59.73225	59.34284	84.84241	0	15.15759	15.15759	0	31.55641	1
1661.44	1662.457	1301.457	60.82967	41.4813	59.74405	59.49625	82.4118	0	17.5882	17.5882	0	31.44019	1
1661.445	1662.463	1301.463	63.64993	55.3641	61.83269	62.77671	82.12754	0	17.87246	3.733641	14.13882	31.56264	1
1661.45	1662.468	1301.468	64.97156	85.80322	67.96882	73.38513	36.23301	4.755974	59.01102	23.22984	35.78117	27.40638	1
1661.455	1662.473	1301.473	56.64059	62.40993	55.09476	53.19492	84.76765	0	15.23235	10.38084	4.851509	32.68802	1
1661.46	1662.479	1301.479	58.19822	45.83969	57.65541	54.03273	79.57122	0	20.42878	10.76963	9.659156	31.65954	1
1661.465	1662.484	1301.484	60.98308	42.88768	60.45207	56.25118	77.63208	0	22.36792	12.28882	10.0791	31.60689	1
1661.47	1662.489	1301.489	59.27204	41.6484	58.19822	54.32774	83.71293	0	16.28707	15.06877	1.218297	32.26394	1
1661.475	1662.494	1301.494	59.16584	40.70153	57.73801	56.15678	86.78334	0	13.21666	13.21666	0	32.35505	1
1661.48	1662.5	1301.5	60.23966	33.53037	59.86205	59.31924	79.39162	0	20.60838	10.3527	10.25568	30.83814	1
1661.485	1662.505	1301.505	61.08928	29.15805	60.34586	59.93285	82.50308	0	17.49692	17.49692	0	31.16082	1
1661.49	1662.51	1301.51	61.21908	36.84442	60.14526	57.59641	83.08422	0	16.91578	14.6124	2.303379	31.84958	1
1661.495	1662.516	1301.516	61.9035	39.22552	61.17188	59.27204	79.22622	0	20.77378	14.59525	6.178522	31.31383	1
1661.5	1662.521	1301.521	58.92983	22.79453	58.24542	58.17462	85.57249	0	14.42751	11.84728	2.580229	31.29926	1
1661.505	1662.526	1301.526	59.20124	21.01218	58.46962	57.52561	86.11993	0	13.88007	5.45601	8.424062	31.51963	1
1661.51	1662.532	1301.532	61.10108	33.89241	60.46387	60.05086	80.52345	0	19.47655	5.268982	14.20757	31.01857	1
1661.515	1662.537	1301.537	58.55223	28.26688	57.90321	57.207	84.32122	0	15.67878	14.92216	0.756623	31.34085	1
1661.52	1662.542	1301.542	59.70865	22.20969	59.03604	57.54921	84.90605	0	15.09395	4.567479	10.52647	31.46974	1
1661.525	1662.547	1301.547	60.93588	26.44276	60.73527	60.53467	79.09453	0	20.90547	16.15635	4.749126	30.60026	1
1661.53	1662.553	1301.553	59.83845	21.10965	59.98006	60.46387	78.74266	0	21.25734	19.44798	1.809359	30.19859	1
1661.535	1662.558	1301.558	60.72347	52.46779	59.61425	57.54921	80.03368	0	19.96632	14.79443	5.17189	31.7462	1
1661.54	1662.563	1301.563	65.45537	113.8891	62.98912	61.52589	71.33335	0.096479	28.57017	17.50634	11.06383	32.18984	1
1661.545	1662.569	1301.569	77.36181	309.3622	73.85714	60.99488	21.12268	11.65895	67.21836	43.92599	23.29237	27.12303	1
1661.55	1662.574	1301.574	73.30253	319.5829	66.8124	61.8917	45.52115	8.400446	46.0784	24.89964	21.17876	24.59439	1
1661.555	1662.579	1301.579	71.10768	290.6198	64.51135	62.1985	55.37255	6.859913	37.76754	25.43782	12.32972	25.50322	1
1661.56	1662.584	1301.584	61.80909	40.43696	60.97128	60.74707	79.84297	0	20.15703	12.82765	7.329372	31.10199	1
1661.565	1662.59	1301.59	62.1631	58.81739	60.79427	60.55827	79.18456	0	20.81544	7.747173	13.06827	31.5055	1
1661.57	1662.595	1301.595	61.36068	25.76046	60.97128	59.98006	80.33205	0	19.66795	6.806859	12.86109	30.90633	1
1661.575	1662.6	1301.6	62.52891	54.54255	61.46689	61.23088	77.50478	0	22.49522	3.620549	18.87467	31.22478	1
1661.58	1662.606	1301.606	60.44027	39.54579	59.83845	60.93588	79.48892	0	20.51108	8.263309	12.24777	30.72349	1
1661.585	1662.611	1301.611	60.48747	48.72208	59.26024	57.80881	82.07178	0	17.92822	7.10057	10.82765	31.80383	1
1661.59	1662.616	1301.616	60.02726	41.78764	59.26024	58.24542	80.60669	0	19.39331	16.3206	3.072712	31.30101	1
1661.595	1662.621	1301.621	61.01848	45.43588	59.79125	57.58461	82.37851	0	17.62149	15.81011	1.81138	31.90961	1
1661.6	1662.627	1301.627	61.32528	46.2992	60.86507	60.05086	75.94296	0	24.05704	23.13873	0.918315	30.91925	1
1661.605	1662.632	1301.632	61.23088	43.69531	61.39609	62.1985	71.813	0	28.187	6.908866	21.27814	30.22884	1
1661.61	1662.637	1301.637	62.0333	36.67732	62.3283	63.09532	71.76716	0	28.23284	14.46747	13.76537	30.14598	1
1661.615	1662.643	1301.643	62.77671	24.11736	63.03632	63.80333	74.39708	0	25.60292	9.806445	15.79647	30.10133	1
1661.62	1662.648	1301.648	63.18972	34.71396	63.24872	63.03632	73.00742	0	26.99258	22.84842	4.144166	30.46268	1
1661.625	1662.653	1301.653	68.38183	221.5956	65.01876	64.73555	49.52636	6.3443	44.12934	14.18512	29.94422	25.93264	1
1661.63	1662.658	1301.658	67.80362	184.7095	64.33435	63.73253	59.80784	3.750034	36.44213	28.12139	8.32074	28.14778	1
1661.635	1662.664	1301.664	65.88018	82.78158	64.42875	64.07474	70.60568	0	29.39432	13.21214	16.18218	31.45672	1
1661.64	1662.669	1301.669	64.19274	63.84416	63.42573	63.03632	71.43676	0	28.56324	6.978746	21.58449	31.09041	1
1661.645	1662.674	1301.674	64.11014	69.80388	63.37853	62.89472	69.79615	0	30.20385	20.46699	9.736866	31.16716	1
1661.65	1662.68	1301.68	65.46717	47.51064	65.32557	66.9186	69.37005	0	30.62995	5.345042	25.28491	30.44391	1
1661.655	1662.685	1301.685	64.34615	45.40803	63.62633	63.81513	75.39137	0	24.60863	15.86739	8.741245	30.83106	1
1661.66	1662.69	1301.69	66.61179	74.67748	65.32557	64.98336	70.61346	0	29.38654	21.96649	7.420056	31.31293	1
1661.665	1662.696	1301.696	69.17244	115.7132	67.31981	66.64719	62.7167	1.106465	36.17683	27.04025	9.136585	30.50029	1
1661.67	1662.701	1301.701	68.65323	123.1907	65.97458	64.60575	67.78645	0.529845	31.6837	20.87246	10.81124	31.41161	1
1661.675	1662.706	1301.706	67.2136	126.7972	64.21634	62.2693	70.70735	0.392815	28.89984	16.76797	12.13187	31.95477	1
1661.68	1662.711	1301.711	68.53523	100.1316	65.88018	63.59093	73.29241	0	26.70759	9.962811	16.74478	32.05288	1
1661.685	1662.717	1301.717	68.92464	106.4394	66.34039	63.81513	70.85895	0	29.14105	22.97095	6.170102	32.09777	1
1661.69	1662.722	1301.722	69.51465	113.4574	66.54099	64.21634	71.6357	0	28.3643	15.54786	12.81644	32.10059	1
1661.695	1662.727	1301.727	70.62387	72.86729	68.98364	67.2018	70.10396	0	29.89604	19.62005	10.27598	31.48612	1
1661.7	1662.733	1301.733	72.39391	82.87905	69.43205	66.895	76.29529	0	23.70471	10.37292	13.33179	31.49295	1
1661.705	1662.738	1301.738	73.21993	50.07276	71.6387	69.80966	72.77461	0	27.22539	4.245525	22.97987	31.219	1

1661.71	1662.743	1301.743	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1662.02	1663.071	1302.071	89.45706	58.38573	88.58384	85.97599	50.3376	3.193235	46.46917	28.89177	17.5774	31.40946	1
1662.025	1663.077	1302.077	86.684	64.06696	85.35058	84.15875	55.08057	1.113237	43.80619	24.03536	19.77083	31.66472	1
1662.03	1663.082	1302.082	82.96693	37.90269	82.02291	81.19689	61.81413	0	38.18587	19.23822	18.94765	32.48007	1
1662.035	1663.087	1302.087	81.7043	36.07857	81.01989	80.48888	61.40524	0	38.59476	10.38742	28.20734	32.63676	1
1662.04	1663.092	1302.092	79.59206	27.57065	79.55666	80.76028	60.37756	0.300657	39.32178	16.78386	22.53792	32.35228	1
1662.045	1663.098	1302.098	79.10825	24.28445	78.94305	79.48586	62.6239	0	37.3761	22.83379	14.54231	32.4223	1
1662.05	1663.103	1302.103	79.87526	22.39071	79.74546	80.68948	62.10217	0	37.89783	18.44563	19.45219	32.58615	1
1662.055	1663.108	1302.108	81.98751	33.66962	82.73092	85.40958	50.66198	3.726031	45.61199	19.11285	26.49914	30.4933	1
1662.06	1663.114	1302.114	83.50974	64.45685	83.35634	84.07615	48.76136	3.833133	47.40551	25.61862	21.78689	30.17789	1
1662.065	1663.119	1302.119	85.35058	74.9142	85.38598	85.31518	43.07388	5.876843	51.04928	18.33309	32.71619	29.64143	1
1662.07	1663.124	1302.124	84.77237	45.26878	85.91699	86.97901	42.18355	7.25946	50.55699	28.44595	22.11105	29.74822	1
1662.075	1663.129	1302.129	85.39778	58.98449	85.89339	86.3064	43.31882	6.353277	50.3279	19.39035	30.93755	29.79764	1
1662.08	1663.135	1302.135	85.25618	51.66016	85.45678	86.01139	47.50788	4.807301	47.68482	24.52046	23.16437	30.32114	1
1662.085	1663.14	1302.14	85.65738	70.79253	86.684	86.73121	36.1071	9.120179	54.77272	23.15841	31.61431	29.19969	1
1662.09	1663.145	1302.145	85.92879	62.64665	86.08219	86.76661	44.59615	5.707146	49.6967	33.22633	16.47037	29.84216	1
1662.095	1663.151	1302.151	87.88763	28.68462	87.00261	86.6368	59.06059	0.599091	40.34031	15.99018	24.35014	32.82301	1
1662.1	1663.156	1302.156	85.42138	48.41574	86.74301	87.40382	39.45311	8.49309	52.0538	31.10062	20.95318	29.57207	1
1662.105	1663.161	1302.161	81.4447	50.81076	80.42988	80.00507	60.63954	0	39.36046	9.061622	30.29884	32.2852	1
1662.11	1663.166	1302.166	79.40326	44.12697	78.30583	76.642	64.7753	0	35.2247	15.39461	19.83009	31.85778	1
1662.115	1663.172	1302.172	77.86922	22.37679	77.43261	76.08739	66.32885	0	33.67115	23.08341	10.58774	32.0246	1
1662.12	1663.177	1302.177	79.82806	22.01475	79.09645	78.63624	66.90063	0	33.09937	21.87365	11.22572	31.81638	1
1662.125	1663.182	1302.182	81.8105	11.87766	81.4683	81.4329	64.51205	0	35.48795	13.50493	21.98303	32.67894	1
1662.13	1663.188	1302.188	80.25287	25.52374	80.11127	80.25287	61.08803	0.11047	38.8015	16.88185	21.91965	32.75787	1
1662.135	1663.193	1302.193	81.4093	64.87458	80.12307	78.69524	59.37205	0.176494	40.45145	25.74853	14.70293	32.07719	1
1662.14	1663.198	1302.198	83.47434	56.1021	82.44772	81.00809	57.58321	0.727938	41.68885	20.91822	20.77063	32.0489	1
1662.145	1663.204	1302.204	84.73696	54.61217	83.34454	83.92275	59.61717	0	40.38283	13.90132	26.48151	31.97489	1
1662.15	1663.209	1302.209	86.2946	46.2435	86.04679	88.00563	51.33853	3.400762	45.26071	16.41584	28.84487	30.70001	1
1662.155	1663.214	1302.214	88.98505	28.62892	88.78445	89.13846	52.76024	3.587232	43.65253	24.88426	18.76828	31.55745	1
1662.16	1663.219	1302.219	88.83165	33.80886	88.44224	88.44224	53.11105	3.138047	43.7509	16.70007	27.05083	31.61883	1
1662.165	1663.225	1302.225	87.85223	29.2416	87.54542	87.61622	54.47723	2.707772	42.815	24.1072	18.7078	31.85252	1
1662.17	1663.23	1302.23	86.95541	29.96568	86.86101	86.4952	53.48094	3.119824	43.39923	22.3412	21.05803	31.71298	1
1662.175	1663.235	1302.235	85.82259	28.67069	85.94059	86.3536	53.19039	3.244065	43.56554	30.75637	12.80917	31.49316	1
1662.18	1663.241	1302.241	82.89613	27.20861	83.13213	84.20595	55.32204	2.223087	42.45487	22.01545	20.43942	31.62826	1
1662.185	1663.246	1302.246	82.54212	22.12615	82.12911	82.32972	61.90754	0	38.09246	20.22098	17.87148	32.94923	1
1662.19	1663.251	1302.251	83.79295	19.20199	83.39174	83.36814	61.37297	0.144772	38.48225	13.78908	24.69318	33.14124	1
1662.195	1663.256	1302.256	83.86375	21.95905	83.61594	83.48614	59.45175	0.814021	39.73423	19.07475	20.65947	32.73025	1
1662.2	1663.262	1302.262	82.78992	12.03083	82.61292	82.47132	62.29359	0	37.70641	10.01592	27.69049	33.36885	1
1662.205	1663.267	1302.267	81.7161	15.17778	81.3621	79.96967	63.89172	0	36.10828	21.69289	14.41539	32.95183	1
1662.21	1663.272	1302.272	79.58026	15.87401	79.35605	79.71006	64.68224	0	35.31776	7.555284	27.76248	32.28922	1
1662.215	1663.278	1302.278	80.91369	65.20877	79.65106	74.02234	59.56424	0.164192	40.27157	24.78161	15.48996	32.84543	1
1662.22	1663.283	1302.283	80.38268	38.3065	80.13487	79.27345	58.69826	0.746235	40.55551	17.4025	23.15301	32.26384	1
1662.225	1663.288	1302.288	81.4093	92.22244	79.55666	78.17603	57.14356	0.614289	42.24215	14.17727	28.06488	31.17044	1
1662.23	1663.293	1302.293	82.22351	157.5565	80.32367	75.32037	40.94944	5.003256	54.04731	33.86529	20.18201	28.85511	1
1662.235	1663.299	1302.299	80.01687	127.006	78.81324	74.42355	44.97712	4.309651	50.71323	28.9479	21.76534	29.42414	1
1662.24	1663.304	1302.304	76.06379	49.01449	75.92218	74.50615	59.25723	0.489006	40.25376	21.59173	18.66203	32.01547	1
1662.245	1663.309	1302.309	75.73338	46.03464	76.15819	77.05501	55.89264	1.357936	42.74942	17.70577	25.04365	31.08134	1
1662.25	1663.315	1302.315	78.68344	86.1931	79.00205	80.04047	44.2833	4.808215	50.90848	23.37787	27.53061	29.05807	1
1662.255	1663.32	1302.32	78.76604	84.18796	78.81324	79.09645	46.79595	4.056457	49.1476	17.99819	31.14941	29.46073	1
1662.26	1663.325	1302.325	79.01385	68.71776	79.12005	79.69826	49.85449	3.23297	46.91254	31.4979	15.41463	30.03913	1
1662.265	1663.331	1302.331	80.70128	77.08643	80.92549	80.73668	45.36232	4.687207	49.95048	28.98578	20.9647	29.6357	1
1662.27	1663.336	1302.336	81.3503	83.96517	81.01989	81.7161	47.39881	3.915292	48.6859	29.7186	18.9673	29.58661	1
1662.275	1663.341	1302.341	85.95239	84.57785	86.08219	86.08219	39.44999	7.118481	53.43153	27.61434	25.81719	29.2273	1
1662.28	1663.346	1302.346	88.30064	67.93799	88.87885	89.26826	37.84128	8.89979	53.25893	32.81975	20.43918	29.31555	1
1662.285	1663.352	1302.352	90.12968	44.0852	89.23286	88.66645	53.36242	2.382095	44.25548	28.03944	16.21604	31.72335	1
1662.29	1663.357	1302.357	88.98505	27.86307	88.98505	88.92605	51.39089	4.31944	44.28967	28.99417	15.2955	31.4127	1
1662.295	1663.362	1302.362	91.1681	35.53551	91.3923	91.0737	45.78817	7.028851	47.18298	34.46652	12.71646	30.62015	1
1662.3	1663.368	1302.368	90.73149	37.72167	91.1799	91.5457	43.92322	7.880855	48.19593	18.96869	29.22724	30.22893	10
1662.305	1663.373	1302.373	96.3012	98.46065	94.96778	94.02376	37.90948	6.391675	55.69885	30.46503	25.23381	29.67831	10
1662.31	1663.378	1302.378	104.054	256.5742	98.29544	92.86733	26.80792	0	73.19208	38.56193	34.63015	16.68896	10
1662.315	1663.383	1302.383	102.6733	221.6096	98.49605	93.02074	24.28498	0	75.71502	34.88922	40.82579	28.05332	10
1662.32	1663.389	1302.389	103.2515	258.7603	99.71147	92.70213	9.824143	4.765549	85.41031	59.79608	25.61423	31.16234	10
1662.325	1663.394	1302.394	106.3668	231.8302	103.4167	100.8443	8.902595	6.853848	84.24356	60.28405	23.9595	30.73583	10
1662.33	1663.399	1302.399	108.2312	258.6907	109.6591	101.8473	0	52.00316	47.99684	47.99684	0	-9999	10
1662.335	1663.405	1302.405	112.6681	217.9753	113.1283	117.695	0	46.80105	53.19895	53.19895	0	-9999	10
1662.34	1663.41	1302.41	115.9014	205.3457	116.7392	122.6157	0	58.86717	41.13283	41.13283	0	-9999	10
1662.345	1663.415	1302.415	116.3498	242.7471	117.6832	118.1907	0	70.66674	29.33326	29.33326	0	-9999	10
1662.35	1663.42	1302.42	115.2406	311.6459	118.3323	121.4593	0	100	0	0	0	-9999	10
1662.355	1663.426	1302.426	119.6185	180.9359	120.8339	125.8136	0	75.26748	24.73252	24.73252	0	-9999	10
1662.36	1663.431	1302.431	120.5979	121.9096	121.2469	123.0878	0	63.52665	36.47335	36.47335	0	-9999	10
1662.365	1663.436	1302.436	119.2409	96.31627	119.9843	121.0935	1.228391	59.38931	39.3823	39.3823	0	-9999	10
1662.37	1663.442	1302.442	117.0578	119.4032	117.5298	117.2702	0	50.17941	49.82059	49.82059	0	-9999	10
1662.375	1663.447	1302.447	117.5652	139.7609	118.2733	119.0875	0	56.82654	43.17346	43.17346	0	-9999	10

1662.38	1663.452	1302.452	118.8279	189.2489	119.5123	119.8427	0	63.34999	36.65001	36.65001	0	-9999	10
1662.385	1663.458	1302.458	119.9489	169.0165	120.3265	120.9755	0	59.54202	40.45798	40.45798	0	-9999	10
1662.39	1663.463	1302.463	118.6037	139.0229	118.9341	119.0875	0	53.03637	46.96363	46.96363	0	-9999	10
1662.395	1663.468	1302.468	117.9192	126.0592	118.2851	116.8572	0	51.02477	48.97523	48.97523	0	-9999	10
1662.4	1663.473	1302.473	118.2025	126.0174	118.8161	120.6097	0	56.04062	43.95938	43.95938	0	-9999	10
1662.405	1663.479	1302.479	118.0963	149.8702	118.9577	120.0669	0	61.68538	38.31462	38.31462	0	-9999	10
1662.41	1663.484	1302.484	120.7041	145.2751	121.0935	120.3265	0	60.33037	39.66963	39.66963	0	-9999	10
1662.415	1663.489	1302.489	120.1259	146.9739	120.6923	122.7573	0	62.1554	37.8446	37.8446	0	-9999	10
1662.42	1663.495	1302.495	120.1495	146.2219	120.8339	122.6865	0	64.44719	35.55281	35.55281	0	-9999	10
1662.425	1663.5	1302.5	122.958	149.8005	123.9138	125.4596	0	80.19365	19.80635	19.80635	0	-9999	10
1662.43	1663.505	1302.505	123.725	138.8698	125.141	124.8342	0	93.40239	6.597611	6.597611	0	-9999	10
1662.435	1663.51	1302.51	123.8548	141.3066	125.0112	124.787	0	87.9498	12.0502	12.0502	0	-9999	10
1662.44	1663.516	1302.516	123.6188	141.5294	124.61	125.7428	0	83.08305	16.91695	16.91695	0	-9999	10
1662.445	1663.521	1302.521	124.5274	134.4974	125.2826	127.4066	0	80.6728	19.3272	19.3272	0	-9999	10
1662.45	1663.526	1302.526	123.666	130.5011	124.5274	126.0968	0	79.50727	20.49273	20.49273	0	-9999	10
1662.455	1663.532	1302.532	122.2263	136.976	122.8517	124.905	0	69.40878	30.59122	30.59122	0	-9999	10
1662.46	1663.537	1302.537	121.6245	130.7517	122.0139	122.2735	0	62.10632	37.89368	37.89368	0	-9999	10
1662.465	1663.542	1302.542	121.5891	127.0617	121.9431	123.8076	0	61.02582	38.97418	38.97418	0	-9999	10
1662.47	1663.547	1302.547	120.6923	120.4197	120.8811	121.3649	0	54.7166	45.2834	45.2834	0	-9999	10
1662.475	1663.553	1302.553	118.9577	109.5168	119.5359	120.9519	0	56.42289	43.57711	43.57711	0	-9999	10
1662.48	1663.558	1302.558	118.7099	126.8946	119.5831	121.5065	0	62.20441	37.79559	37.79559	0	-9999	10
1662.485	1663.563	1302.563	118.049	128.677	118.4739	118.7335	0	52.54118	47.45882	47.45882	0	-9999	10
1662.49	1663.569	1302.569	113.8128	116.7018	113.0575	111.2403	12.90333	25.92728	61.16938	38.22367	22.94571	28.71902	10
1662.495	1663.574	1302.574	107.0158	99.89488	106.296	104.703	22.94945	17.61738	59.43317	40.33358	19.0996	29.02285	10
1662.5	1663.579	1302.579	102.7087	107.4002	102.2839	100.2661	22.80938	16.70337	60.48725	43.66429	16.82296	29.10722	10
1662.505	1663.585	1302.585	95.9944	113.8891	97.88243	103.4403	9.491698	25.5478	64.9605	60.11079	4.849709	28.13916	10
1662.51	1663.59	1302.59	91.02649	58.60853	90.84949	91.2625	43.44414	6.750073	49.80579	34.87589	14.9299	29.99243	10
1662.515	1663.595	1302.595	82.09371	86.06778	82.12911	82.23531	43.37103	5.304258	51.32471	32.49983	18.82488	29.31476	1
1662.52	1663.6	1302.6	89.24466	64.54039	90.05887	88.02923	35.96596	10.23787	53.79617	34.61164	19.18453	29.68654	1
1662.525	1663.606	1302.606	93.51635	97.65303	94.05916	95.33358	26.12614	14.39515	59.4787	43.03339	16.44531	28.5014	1
1662.53	1663.611	1302.611	83.43894	150.9424	82.97873	73.19633	30.27475	8.745231	60.98002	26.63861	34.34141	29.63835	1
1662.535	1663.616	1302.616	77.22021	63.4125	77.36181	71.7095	52.51416	2.386884	45.09896	16.68113	28.41782	31.5312	1
1662.54	1663.622	1302.622	73.09013	41.92689	73.65654	73.58574	58.22109	0.564331	41.21458	10.19031	31.02427	31.57939	1
1662.545	1663.627	1302.627	73.69194	41.50915	73.86894	73.86894	60.78642	0	39.21358	24.22636	14.98722	32.02943	1
1662.55	1663.632	1302.632	72.61812	29.54794	72.53551	70.70648	66.68089	0	33.31911	21.52641	11.79269	31.62629	1
1662.555	1663.637	1302.637	73.56214	35.7583	73.17273	72.96032	66.68724	0	33.31276	21.69575	11.61701	31.36611	1
1662.56	1663.643	1302.643	76.24079	127.382	74.23475	73.58574	54.57885	2.154173	43.26698	29.23494	14.03204	29.4946	1
1662.565	1663.648	1302.648	81.3739	281.889	74.45895	69.58545	50.50967	2.469505	47.02083	30.0737	16.94713	27.07842	1
1662.57	1663.653	1302.653	91.98231	301.9544	87.91123	75.43837	13.85422	7.703159	78.44262	60.80794	17.63468	29.73103	1
1662.575	1663.659	1302.659	79.66286	114.1815	76.5004	74.55336	63.58735	0	36.41265	22.25948	14.15317	30.56875	1
1662.58	1663.664	1302.664	78.57724	57.55026	76.7364	75.42657	68.04827	0	31.95173	20.96388	10.98785	31.00811	1
1662.585	1663.669	1302.669	80.47708	63.42643	79.00205	78.23503	62.04338	0	37.95662	16.32326	21.63336	31.66747	1
1662.59	1663.674	1302.674	87.29762	184.793	82.70732	80.38268	50.54107	0	49.45893	18.91356	30.54537	28.37919	1
1662.595	1663.68	1302.68	80.93729	38.16725	80.46528	80.53608	59.9593	0.331733	39.70897	21.00711	18.70186	32.3571	1
1662.6	1663.685	1302.685	92.00591	148.4638	89.81107	85.38598	36.43637	4.66715	58.89648	26.38535	32.51113	29.49269	1
1662.605	1663.69	1302.69	88.18264	98.26571	85.86979	84.48916	53.01624	0.420632	46.56313	25.00885	21.55428	31.00146	1
1662.61	1663.696	1302.696	82.38872	28.48968	81.4093	80.20567	64.89839	0	35.10161	22.87557	12.22605	32.12586	1
1662.615	1663.701	1302.701	85.63378	63.92771	84.01715	83.02593	58.27532	0	41.72468	23.11618	18.6085	32.10407	1
1662.62	1663.706	1302.706	82.25891	33.04301	81.29129	80.11127	63.82444	0	36.17556	12.54593	23.62962	32.22047	1
1662.625	1663.712	1302.712	83.60414	37.97231	82.76632	81.5863	60.38797	0.077133	39.53489	14.60821	24.92669	32.83698	1
1662.63	1663.717	1302.717	83.56874	39.30907	82.54212	81.6335	61.56028	0	38.43972	24.93675	13.50297	32.47239	1
1662.635	1663.722	1302.722	84.59536	61.15672	82.68372	81.3621	62.18754	0	37.81246	25.27459	12.53787	31.21309	1
1662.64	1663.727	1302.727	81.4211	13.57646	81.25589	80.46528	63.08741	0	36.91259	18.42072	18.49186	33.09114	1
1662.645	1663.733	1302.733	82.51852	20.3995	81.94031	80.87829	63.62743	0	36.37257	20.74463	15.62794	32.76797	1
1662.65	1663.738	1302.738	84.33576	27.93269	83.91095	83.09673	58.94366	0.850556	40.20578	12.90915	27.29663	32.68485	1
1662.655	1663.743	1302.743	91.73451	76.45983	90.10608	87.08521	49.72133	2.090954	48.18771	24.57792	23.60979	31.35784	1
1662.66	1663.749	1302.749	93.61075	143.2699	90.90849	87.26222	40.14927	2.315613	57.53512	33.6264	23.90872	29.86063	1
1662.665	1663.754	1302.754	86.684	37.94446	85.84619	85.06737	57.56124	0.99324	41.44552	15.67432	25.7712	32.39939	1
1662.67	1663.759	1302.759	90.71969	163.0846	86.5778	84.55996	49.17103	0	50.82897	22.99725	27.83172	27.72973	1
1662.675	1663.764	1302.764	90.11788	108.9737	87.41562	85.91699	51.6624	0	48.3376	13.3294	35.00821	30.72741	1
1662.68	1663.77	1302.77	89.15026	147.5308	85.19717	83.50974	52.91568	0	47.08432	10.62977	36.45455	28.08161	1
1662.685	1663.775	1302.775	93.51635	143.5902	89.78747	85.36238	48.11493	0	51.88507	11.67929	40.20578	28.19664	1
1662.69	1663.78	1302.78	89.79927	46.38275	88.89065	87.74603	53.20184	2.36969	44.42847	13.78385	30.64462	31.75397	1
1662.695	1663.786	1302.786	90.31848	38.84956	89.20926	88.53664	56.10188	1.250854	42.64726	20.75836	21.88891	32.31565	1
1662.7	1663.791	1302.791	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1663.015	1664.124	1303.124	115.2406	33.90633	115.2052	115.2052	26.04768	32.56758	41.38474	27.61552	13.76922	26.97541	-9999
1663.02	1664.13	1303.13	111.4409	43.30542	111.2167	111.2757	28.73203	24.31451	46.95345	30.32679	16.62666	28.07395	-9999
1663.025	1664.135	1303.135	108.7151	52.17537	108.6325	107.653	27.99587	22.64843	49.3557	25.46417	23.89153	28.48089	-9999
1663.03	1664.14	1303.14	108.8213	49.13982	108.0896	105.8476	33.66262	15.85402	50.48335	17.44325	33.0401	29.55885	-9999
1663.035	1664.145	1303.145	110.6857	74.78888	109.4231	108.6207	29.8556	13.71992	56.42448	29.49458	26.9299	29.33199	-9999
1663.04	1664.151	1303.151	109.1989	120.2665	106.5674	102.0715	30.82631	2.192575	66.98111	37.38136	29.59975	31.01815	-9999
1663.045	1664.156	1303.156	107.1338	129.039	104.2074	102.8503	32.88951	0.082669	67.02783	34.95083	32.077	30.52149	-9999
1663.05	1664.161	1303.161	103.3459	157.7097	100.2189	96.67881	30.99073	0.737665	68.27161	40.7351	27.53651	30.33918	-9999

1663.055	1664.167	1303.167	104.7266	142.0724	101.1393	98.76745	37.0714	0	62.9286	29.24361	33.68499	25.66993	-9999
1663.06	1664.172	1303.172	102.0007	98.96194	100.0891	100.5375	37.02575	4.965258	58.00899	27.97634	30.03265	29.78807	-9999
1663.065	1664.177	1303.177	101.3399	104.6153	99.03886	95.64039	39.2835	2.589565	58.12694	23.11522	35.01172	30.7455	-9999
1663.07	1664.182	1303.182	103.7472	104.3368	101.8827	100.4077	33.7525	6.254448	59.99305	25.32915	34.6639	29.94507	-9999
1663.075	1664.188	1303.188	104.0658	63.13401	103.5466	100.5965	33.00495	14.17111	52.82394	25.31221	27.51173	29.73774	-9999
1663.08	1664.193	1303.193	107.8064	56.8401	107.535	110.3789	29.16616	19.87497	50.95886	36.03544	14.92342	28.06669	-9999
1663.085	1664.198	1303.198	107.771	79.81565	107.8418	105.5172	20.98655	24.80427	54.20919	23.70583	30.50336	28.57745	-9999
1663.09	1664.204	1303.204	104.0068	78.95233	102.6969	97.77623	35.35848	8.899334	55.74219	38.23031	17.51188	30.57997	-9999
1663.095	1664.209	1303.209	103.4285	75.13699	101.5759	97.97684	41.02053	4.256435	54.72304	29.92052	24.80252	31.11447	-9999
1663.1	1664.214	1303.214	104.7502	55.78184	104.1366	100.8207	34.88613	13.50561	51.60826	34.14336	17.4649	29.98727	-9999
1663.105	1664.219	1303.219	105.6234	105.7293	105.3402	98.82645	19.43484	20.58427	59.98089	33.77121	26.20968	29.76823	-9999
1663.11	1664.225	1303.225	105.0452	94.79849	104.3962	99.01526	25.44705	16.10214	58.45081	28.00414	30.44667	29.80171	-9999
1663.115	1664.23	1303.23	103.4167	90.85783	102.0479	96.1714	33.47741	8.920698	57.60189	37.56464	20.03725	30.58495	-9999
1663.12	1664.235	1303.235	101.9535	61.83903	101.1747	95.74659	37.27354	10.401	52.32546	37.75987	14.56558	30.68835	-9999
1663.125	1664.241	1303.241	104.5732	55.61474	104.2074	101.7883	33.16892	15.40849	51.42259	33.21407	18.20852	29.57482	-9999
1663.13	1664.246	1303.246	105.6824	77.26745	104.4552	100.0183	33.58447	10.49838	55.91715	36.77703	19.14012	30.32968	-9999
1663.135	1664.251	1303.251	102.3429	59.36045	101.6703	98.76745	36.69204	11.29781	52.01015	18.96015	33.05	30.13774	-9999
1663.14	1664.257	1303.257	98.67305	63.38465	96.79681	93.78775	48.42256	1.805671	49.77177	22.16217	27.6096	31.80416	-9999
1663.145	1664.262	1303.262	95.84099	70.43049	93.31574	88.85525	54.35281	0	45.64719	20.46867	25.17852	30.5847	-9999
1663.15	1664.267	1303.267	94.77897	89.99451	92.19472	86.2356	51.05264	0	48.94736	22.95279	25.99458	31.33075	-9999
1663.155	1664.272	1303.272	95.46339	116.2841	91.78171	85.72819	52.56592	0	47.43408	18.38684	29.04724	26.97186	-9999
1663.16	1664.278	1303.278	98.87366	87.57164	97.74083	93.81135	36.62328	7.934315	55.4424	35.22628	20.21612	30.27215	-9999
1663.165	1664.283	1303.283	99.91208	61.43521	99.33386	96.2068	37.69471	10.30841	51.99688	23.74978	28.2471	30.24432	-9999
1663.17	1664.288	1303.288	101.1039	66.43413	100.7381	96.47821	33.74236	13.00877	53.24887	37.91787	15.331	30.04038	-9999
1663.175	1664.294	1303.294	105.0216	93.74022	103.8062	98.11844	30.11455	11.2758	58.60965	26.83238	31.77727	30.29754	-9999
1663.18	1664.299	1303.299	102.9211	82.87905	101.8237	97.54023	33.76085	10.12978	56.10937	22.08835	34.02102	30.22724	-9999
1663.185	1664.304	1303.304	97.71723	44.37761	97.74083	93.59895	39.17786	11.29235	49.52979	23.27735	26.25244	30.53718	-9999
1663.19	1664.309	1303.309	98.44885	52.73236	98.17744	93.88215	38.76922	10.6153	50.61548	23.70271	26.91277	30.53483	-9999
1663.195	1664.315	1303.315	97.71723	76.4459	97.10362	92.59593	36.35574	9.640924	54.00334	19.90767	34.09567	30.2907	-9999
1663.2	1664.32	1303.32	97.31602	66.54553	97.13902	92.56053	35.73702	11.27466	52.98832	31.96694	21.02139	30.23229	-9999
1663.205	1664.325	1303.325	97.54023	43.54214	98.09484	98.04764	35.42755	14.33774	50.2347	26.5609	23.6738	29.35292	-9999
1663.21	1664.331	1303.331	99.51087	58.49713	100.2661	100.4431	28.44078	18.73386	52.82536	19.75531	33.07005	28.71273	-9999
1663.215	1664.336	1303.336	99.46367	77.10036	98.94446	96.49001	33.85902	11.43253	54.70845	23.82619	30.88225	29.72416	-9999
1663.22	1664.341	1303.341	98.31904	69.34437	98.86186	97.49303	28.55836	16.77373	54.66791	23.55464	31.11327	29.07655	-9999
1663.225	1664.346	1303.346	95.10938	62.17322	95.64039	96.4074	33.33812	13.24587	53.41601	37.42684	15.98917	29.02718	-9999
1663.23	1664.352	1303.352	96.0534	66.43413	96.65521	97.56383	30.88977	14.76483	54.3454	24.70199	29.64341	28.82447	-9999
1663.235	1664.357	1303.357	96.4074	55.94893	96.58441	96.79681	36.39377	11.91789	51.68834	31.50764	20.1807	29.40611	-9999
1663.24	1664.362	1303.362	96.99742	63.4125	97.18622	96.4074	33.95332	12.97477	53.07191	36.37235	16.69957	29.36245	-9999
1663.245	1664.368	1303.368	97.74083	72.40778	98.29544	92.56053	28.25751	16.48173	55.26076	24.91156	30.3492	29.88052	-9999
1663.25	1664.373	1303.373	97.79983	50.11454	98.79105	97.65823	30.21448	17.80428	51.98125	22.2956	29.68564	29.1065	-9999
1663.255	1664.378	1303.378	99.73507	74.56609	101.0685	99.20406	19.86468	24.17092	55.9644	44.55818	11.40622	28.79807	-9999
1663.26	1664.384	1303.384	101.2337	96.46944	102.2957	92.34812	15.28872	25.67312	59.03816	34.56534	24.47282	30.33662	-9999
1663.265	1664.389	1303.389	102.1659	99.69994	103.3105	94.96778	13.00913	27.84979	59.14108	44.58095	14.56013	30.02844	-9999
1663.27	1664.394	1303.394	104.998	95.62004	105.7178	102.5671	14.68324	28.11133	57.20542	44.80505	12.40037	28.82702	-9999
1663.275	1664.399	1303.399	106.2252	81.96003	106.6146	103.7826	19.42057	25.90698	54.67245	30.07787	24.59458	28.66215	-9999
1663.28	1664.405	1303.405	105.2104	58.28826	106.4376	107.3698	19.58969	30.61718	49.79313	38.09393	11.6992	27.6179	-9999
1663.285	1664.41	1303.41	106.886	94.26936	106.9922	111.4291	18.02861	24.93491	57.03648	39.03521	18.00128	27.44213	-9999
1663.29	1664.415	1303.415	107.594	91.27557	108.243	110.3789	13.89495	31.19904	54.90602	48.22368	6.682337	27.54981	-9999
1663.295	1664.421	1303.421	106.4612	81.57015	106.9804	107.6412	18.29183	27.46698	54.24119	30.96351	23.27768	27.92565	-9999
1663.3	1664.426	1303.426	107.4996	82.72588	108.5381	110.4969	13.03291	34.49233	52.47477	28.40845	24.06631	27.3543	-9999
1663.305	1664.431	1303.431	107.9716	99.72779	109.2107	108.1958	6.929517	38.67641	54.39407	54.39407	0	-9999	-9999
1663.31	1664.436	1303.436	108.8449	114.3486	109.1871	104.2428	9.538266	31.55457	58.90716	55.20374	3.703418	29.17542	-9999
1663.315	1664.442	1303.442	102.8975	57.18822	102.9919	101.9889	30.7631	17.53444	51.70246	37.51525	14.18721	29.04357	-9999
1663.32	1664.447	1303.447	101.8237	41.41168	102.5553	103.5702	30.63054	20.19115	49.17831	33.1899	15.98841	28.53181	-9999
1663.325	1664.452	1303.452	101.3281	33.15441	101.8355	101.6231	34.82235	17.32866	47.849	21.64521	26.20379	29.18494	-9999
1663.33	1664.458	1303.458	98.99166	18.8678	99.52267	99.93568	40.24633	13.97529	45.77838	16.54137	29.23701	29.77775	-9999
1663.335	1664.463	1303.463	98.02404	18.92349	98.20104	98.43705	43.86662	10.77758	45.35579	25.10464	20.25115	30.37289	-9999
1663.34	1664.468	1303.468	97.19802	17.48926	97.09182	97.59923	47.16849	8.292698	44.53882	28.71485	15.82397	30.87011	-9999
1663.345	1664.473	1303.473	95.77019	12.99163	95.46339	94.95597	51.1252	5.853142	43.02166	25.12154	17.90012	31.76078	-9999
1663.35	1664.479	1303.479	94.22436	17.37787	93.95295	93.32754	51.21154	5.362117	43.42634	31.91292	11.51343	31.73406	-9999
1663.355	1664.484	1303.484	92.98533	15.10816	92.70213	92.00591	52.99216	4.420871	42.58697	12.68307	29.90389	32.05263	-9999
1663.36	1664.489	1303.489	94.51937	26.55416	94.15356	91.2625	49.45109	5.681429	44.86749	24.17676	20.69072	31.80277	-9999
1663.365	1664.495	1303.495	100.5139	100.4101	99.61707	89.95267	30.17832	11.22553	58.59615	27.2796	31.31655	30.85113	-9999
1663.37	1664.5	1303.5	96.077	100.8835	94.68457	88.27704	37.98667	6.160297	55.85303	23.32193	32.53111	30.6599	-9999
1663.375	1664.505	1303.505	90.38928	56.70086	88.79625	87.27402	55.46626	0.574139	43.9596	23.76118	20.19843	32.15861	-9999
1663.38	1664.511	1303.511	88.73725	41.23066	87.69883	86.3182	56.43168	1.167979	42.40034	30.38056	12.01978	32.37393	-9999
1663.385	1664.516	1303.516	87.29762	34.93675	87.00261	87.49822	53.51779	2.895282	43.58692	23.49821	20.08871	31.5006	-9999
1663.39	1664.521	1303.521	84.46556	20.41342	84.51276	84.86677	56.98583	1.853298	41.16087	16.7295	24.43137	32.21181	-9999
1663.395	1664.526	1303.526	82.56572	20.37165	82.21171	82.32972	61.85315	0	38.14685	23.0981	15.04875	33.04733	-9999
1663.4	1664.532	1303.532	81.94031	17.2247	82.10551	81.7043	59.16621	0.96032	39.87347	11.11963	28.75384	32.69976	-9999
1663.405	1664.537	1303.537	81.91671	16.86266	82.61292	82.82533	55.16021	2.423198	42.4166	13.77701	28.63958	31.88001	-9999
1663.41	1664.542	1303.542	81.5627	16.9462	81.96391	82.95513	57.75197	1.44431	40.80372	20.59116	20.21256	32.16903	-9999
1663.415	1664.548	1303.548	81.90491	17.58673	82.08191	83.79295	59.01972	1.003774	39.97651	22.45052	17.52598	32.27417	-9999

1663.42	1664.553	1303.553	82.38872	16.02718	82.61292	83.74574	58.58622	1.224537	40.18925	11.79389	28.39535	32.3457	-9999
1663.425	1664.558	1303.558	83.10853	16.77911	83.46254	83.79295	56.73605	1.959218	41.30473	12.50989	28.79484	32.17174	-9999
1663.43	1664.563	1303.563	83.16753	23.07302	83.26193	83.99355	57.17059	1.639305	41.19011	28.56242	12.62769	32.07862	-9999
1663.435	1664.569	1303.569	82.50672	19.61972	82.38872	82.89613	60.26036	0.540519	39.19912	22.90131	16.29781	32.73137	-9999
1663.44	1664.574	1303.574	82.34152	16.79303	82.23531	82.68372	61.00496	0.323415	38.67163	16.76618	21.90544	32.93083	-9999
1663.445	1664.579	1303.579	83.88735	21.0818	83.74574	83.36814	58.81927	1.083581	40.09715	17.03315	23.064	32.65556	-9999
1663.45	1664.585	1303.585	84.21775	32.6392	84.00535	83.48614	56.26711	1.774153	41.95873	12.07488	29.88386	32.04759	-9999
1663.455	1664.59	1303.59	84.32396	31.8455	84.34756	84.13515	54.53245	2.491619	42.97593	18.83103	24.1449	31.71052	-9999
1663.46	1664.595	1303.595	85.04377	26.03895	84.71336	83.92275	58.01896	1.272456	40.70859	13.52609	27.18249	32.55974	-9999
1663.465	1664.6	1303.6	85.43318	23.64392	85.76359	84.46556	53.11899	3.431591	43.44942	24.83577	18.61365	31.84036	-9999
1663.47	1664.606	1303.606	85.33878	25.42627	86.3182	87.72243	47.74466	5.700483	46.55486	31.67194	14.88292	30.5415	-9999
1663.475	1664.611	1303.611	86.77841	48.74993	87.54542	86.89641	42.42201	7.388891	50.1891	34.97248	15.21662	30.06147	-9999
1663.48	1664.616	1303.616	90.09427	91.54014	89.48066	85.64558	39.71605	6.704323	53.57963	34.30433	19.27529	30.04343	-9999
1663.485	1664.622	1303.622	91.06189	86.69439	91.1445	90.38928	34.60285	9.793457	55.60369	33.5941	22.00959	29.19721	-9999
1663.49	1664.627	1303.627	88.26524	42.99908	88.25344	85.77539	48.48166	4.927413	46.59093	20.76867	25.82227	31.21652	-9999
1663.495	1664.632	1303.632	87.29762	23.29581	87.26222	87.22682	54.32296	3.038882	42.63816	14.63393	28.00422	31.8819	-9999
1663.5	1664.638	1303.638	86.82561	19.25768	86.6132	86.4244	57.10622	1.925358	40.96843	24.64539	16.32303	32.45248	-9999
1663.505	1664.643	1303.643	86.80201	22.57173	86.5896	85.58658	56.32593	2.138884	41.53519	26.14766	15.38752	32.41098	-9999
1663.51	1664.648	1303.648	88.32424	25.84401	87.74603	86.77841	56.96859	1.678311	41.3531	18.19758	23.15552	32.5601	-9999
1663.515	1664.653	1303.653	90.61349	22.8363	90.03527	89.26826	55.59035	2.437431	41.97222	25.93846	16.03376	32.40266	-9999
1663.52	1664.659	1303.659	90.82589	21.84765	90.08247	89.13846	56.91452	1.777434	41.30805	13.35902	27.94903	32.721	-9999
1663.525	1664.664	1303.664	91.95871	23.54645	91.4159	90.17688	53.90653	3.261164	42.83231	32.03763	10.79468	32.22263	-9999
1663.53	1664.669	1303.669	92.46612	19.03489	92.05312	91.1445	53.52554	3.797525	42.67694	18.7386	23.93834	32.14536	-9999
1663.535	1664.675	1303.675	94.08276	34.89498	93.09154	92.74933	52.68124	2.924016	44.39475	26.00119	18.39355	31.85546	-9999
1663.54	1664.68	1303.68	96.72601	63.60745	94.30696	92.99713	54.3667	0	45.6333	12.99617	32.63712	30.35072	-9999
1663.545	1664.685	1303.685	98.70845	98.21001	95.03858	91.93511	53.86294	0	46.13706	13.68768	32.44938	24.76032	-9999
1663.55	1664.69	1303.69	97.83523	63.48213	95.35718	93.05614	53.83381	0	46.16619	12.72303	33.44316	30.26915	-9999
1663.555	1664.696	1303.696	101.7647	138.2432	97.71723	93.95295	44.28961	0	55.71039	15.49076	40.21963	23.13708	-9999
1663.56	1664.701	1303.701	106.06	234.4759	99.22766	94.36596	38.63227	0	61.36773	17.68127	43.68646	3.274904	-9999
1663.565	1664.706	1303.706	108.6915	284.9246	103.2043	93.84675	13.57723	0	86.42277	44.59195	41.83082	17.38298	-9999
1663.57	1664.712	1303.712	105.2812	126.6997	105.9066	99.61707	7.633035	29.76608	62.60089	51.10369	11.4972	-9999	-9999
1663.575	1664.717	1303.717	101.5995	69.0798	103.1335	94.87337	17.92239	28.04245	54.03516	42.33958	11.69558	29.74707	-9999
1663.58	1664.722	1303.722	104.0422	107.261	104.9744	94.66097	11.09936	29.3588	59.54185	48.06957	11.47228	30.37022	-9999
1663.585	1664.727	1303.727	109.2697	176.7864	109.8007	103.5112	0	38.54219	61.45781	61.45781	0	-9999	-9999
1663.59	1664.733	1303.733	110.7683	227.4997	112.2079	104.0186	0	55.79945	44.20055	44.20055	0	-9999	-9999
1663.595	1664.738	1303.738	116.3852	301.2024	116.9162	110.8273	0	61.72838	38.27162	38.27162	0	-9999	-9999
1663.6	1664.743	1303.743	115.453	292.2211	111.6887	101.3517	0	0.317452	99.68255	99.68255	0	-9999	-9999
1663.605	1664.749	1303.749	114.745	220.2728	112.5737	101.3753	0	15.41748	84.58252	84.58252	0	-9999	-9999
1663.61	1664.754	1303.754	111.1577	148.1018	110.4261	98.92086	7.564301	25.07891	67.35679	59.66186	7.694934	-9999	-9999
1663.615	1664.759	1303.759	106.8388	52.82983	106.7916	105.8004	29.28928	20.6019	50.10883	35.0721	15.03673	28.72329	-9999
1663.62	1664.765	1303.765	102.3901	19.88429	101.9299	101.1747	44.55571	10.25438	45.18991	32.44037	12.74954	30.72424	-9999
1663.625	1664.77	1303.77	98.40165	24.34015	98.16564	97.97684	45.40921	8.883157	45.70764	25.15831	20.54932	30.71694	-9999
1663.63	1664.775	1303.775	100.2071	54.5147	99.06246	97.74083	43.48776	6.317289	50.19495	17.58175	32.6132	30.74074	-9999
1663.635	1664.78	1303.78	97.33962	36.63555	96.51361	95.88819	47.98337	5.498351	46.51827	17.46835	29.04993	31.21155	-9999
1663.64	1664.786	1303.786	95.22738	33.16833	94.05916	93.05614	53.41781	2.412279	44.16991	16.48078	27.68913	32.2006	-9999
1663.645	1664.791	1303.791	96.54901	25.91363	95.81739	93.33934	50.57383	4.867774	44.55839	15.62842	28.92997	32.01328	-9999
1663.65	1664.796	1303.796	95.61679	22.07045	95.08578	93.98835	50.80684	5.165504	44.02766	16.21373	27.81393	31.77349	-9999
1663.655	1664.802	1303.802	100.5257	46.78656	99.29846	97.18622	45.70501	5.422032	48.87296	29.90394	18.96902	31.2649	-9999
1663.66	1664.807	1303.807	101.8591	36.51023	101.0685	99.84128	43.58141	8.539492	47.8791	20.67008	27.20902	30.73638	-9999
1663.665	1664.812	1303.812	103.0037	42.28893	102.6969	102.4845	37.38039	13.48491	49.1347	23.1807	25.95401	29.59939	-9999
1663.67	1664.817	1303.817	103.641	56.82618	102.5671	99.67607	39.22051	9.013272	51.76622	17.78842	33.9778	30.54208	-9999
1663.675	1664.823	1303.823	103.6646	79.52323	101.4933	97.88243	42.21113	2.280405	55.50846	29.93338	25.57508	31.3715	-9999
1663.68	1664.828	1303.828	103.0981	54.12481	101.9771	99.88848	40.73943	8.122724	51.13784	20.50111	30.63673	30.59107	-9999
1663.685	1664.833	1303.833	115.6772	67.4924	114.8866	111.9365	23.37109	24.64277	51.98614	31.53132	20.45482	28.44986	-9999
1663.69	1664.839	1303.839	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1664.03	1665.191	1304.191	79.75726	17.09937	79.96967	80.19387	60.83914	0.263505	38.89736	24.65893	14.23843	32.80449	-9999
1664.035	1665.195	1304.195	81.19689	14.59295	81.4329	82.29431	59.93833	0.688427	39.37325	12.43961	26.93364	32.62112	-9999
1664.04	1665.199	1304.199	81.19689	22.79453	81.17329	81.17329	59.96549	0.547643	39.48687	22.61884	16.86802	32.64335	-9999
1664.045	1665.203	1304.203	80.01687	32.65312	80.41808	81.4329	55.37306	1.88714	42.7398	12.09408	30.64572	31.41725	-9999
1664.05	1665.207	1304.207	79.95787	24.86929	80.14667	80.44168	58.95717	0.800026	40.24281	21.10487	19.13794	32.30254	-9999
1664.055	1665.211	1304.211	78.65984	20.97041	78.28223	76.22899	65.48457	0	34.51543	22.76482	11.75061	32.35866	-9999
1664.06	1665.215	1304.215	79.78086	29.15805	79.79266	78.22323	59.45391	0.585816	39.96028	26.76241	13.19787	32.65162	-9999
1664.065	1665.219	1304.219	81.13789	26.72125	81.24409	80.52428	58.06353	1.137099	40.79937	27.15339	13.64598	32.34958	-9999
1664.07	1665.223	1304.223	84.68976	26.8605	84.90217	83.86375	53.93904	2.910846	43.15011	29.11541	14.0347	31.84803	-9999
1664.075	1665.227	1304.227	84.92577	43.66746	84.73696	83.56874	52.764	2.866287	44.36972	14.51063	29.85908	31.44927	-9999
1664.08	1665.231	1304.231	87.78143	35.31272	87.82863	87.65162	50.3296	4.387361	45.28304	24.38489	20.89815	31.12556	-9999
1664.085	1665.235	1304.235	90.10608	38.32042	90.16508	90.12968	47.37161	5.872558	46.75583	19.04675	27.70908	30.71622	-9999
1664.09	1665.239	1304.239	90.20048	36.69125	90.47188	90.23588	46.03289	6.709793	47.25732	25.21734	22.03998	30.58878	-9999
1664.095	1665.243	1304.243	88.56024	34.49117	88.86705	89.11485	47.79997	5.736156	46.46388	27.52249	18.94139	30.71764	-9999
1664.1	1665.247	1304.247	86.90821	43.27757	87.23862	88.51304	47.01062	5.509673	47.4797	22.67929	24.80041	30.27525	-9999
1664.105	1665.251	1304.251	86.73121	46.77264	87.14421	86.2592	45.6875	5.947563	48.36494	26.0265	22.33844	30.46599	-9999
1664.11	1665.255	1304.255	87.65162	50.12846	88.87885	90.12968	37.71842	9.799165	52.48241	18.16697	34.31544	29.31623	-9999
1664.115	1665.259	1304.259	85.46858	49.50185	85.29158	84.04075	50.76124	3.516488	45.72228	27.34226	18.38002	31.10635	-9999

1664.12	1665.263	1304.263	84.47736	37.22038	84.27676	86.6604	54.82818	2.218909	42.95291	21.79643	21.15648	31.20092	-9999
1664.125	1665.268	1304.268	82.99053	34.40762	83.52154	83.79295	51.20674	3.623867	45.1694	19.87854	25.29086	31.01486	-9999
1664.13	1665.272	1304.272	83.22653	53.02477	82.95513	79.48586	52.70299	2.612442	44.68457	24.62926	20.05532	31.63642	-9999
1664.135	1665.276	1304.276	83.07313	70.34694	83.85195	79.94607	40.51294	6.836533	52.65053	31.75969	20.89084	30.1154	-9999
1664.14	1665.28	1304.28	82.77812	74.53824	84.37116	85.40958	33.45987	9.459669	57.08046	22.74592	34.33454	28.81688	-9999
1664.145	1665.284	1304.284	83.69854	64.88851	84.83137	86.08219	38.51494	7.908171	53.57689	28.89816	24.67873	29.13405	-9999
1664.15	1665.288	1304.288	83.29734	68.35573	83.82835	82.22351	42.70903	6.05915	51.23182	27.18395	24.04787	29.89421	-9999
1664.155	1665.292	1304.292	82.80173	53.74885	82.93153	79.87526	49.80922	3.666077	46.5247	20.55765	25.96706	31.12618	-9999
1664.16	1665.296	1304.296	82.86073	26.42884	83.32094	83.58054	53.80573	2.815275	43.379	12.60506	30.77394	31.52508	-9999
1664.165	1665.3	1304.3	82.89613	36.59378	83.49794	86.507	50.21582	3.938603	45.84557	27.19784	18.64774	30.33595	-9999
1664.17	1665.304	1304.304	83.99355	24.4794	84.60716	84.15875	52.04642	3.692171	44.26141	29.88529	14.37612	31.4527	-9999
1664.175	1665.308	1304.308	84.96117	25.55159	86.10579	86.95541	46.78141	6.044301	47.17429	30.22381	16.95049	30.51174	-9999
1664.18	1665.312	1304.312	84.44196	37.33178	85.83439	86.82561	42.48779	7.349995	50.16222	17.93818	32.22404	29.87317	-9999
1664.185	1665.316	1304.316	83.60414	32.98731	84.80777	85.18537	45.77317	5.925804	48.30103	15.26928	33.03175	30.35874	-9999
1664.19	1665.32	1304.32	83.91095	20.37165	84.30036	85.24438	54.85408	2.672946	42.47298	15.24961	27.22336	31.70024	-9999
1664.195	1665.324	1304.324	85.30338	19.64757	85.65738	85.02017	54.02262	3.176643	42.80073	23.60461	19.19612	31.91127	-9999
1664.2	1665.328	1304.328	82.80173	17.71206	83.08493	83.40354	57.34125	1.68043	40.97832	26.33814	14.64018	32.24907	-9999
1664.205	1665.332	1304.332	81.8223	26.37314	81.29129	80.51248	62.45651	0	37.54349	19.34506	18.19843	32.75858	-9999
1664.21	1665.336	1304.336	81.83411	42.52564	80.57148	79.02565	64.20677	0	35.79323	20.73057	15.06267	31.84614	-9999
1664.215	1665.34	1304.34	79.82806	24.11736	79.36785	77.60962	64.2884	0	35.7116	12.22099	23.49061	32.5108	-9999
1664.22	1665.344	1304.344	81.3621	28.04409	80.81928	79.79266	62.56699	0	37.43301	11.806	25.62701	32.70001	-9999
1664.225	1665.348	1304.348	81.25589	24.368	80.84288	79.68646	62.54834	0	37.45166	14.55837	22.89329	32.86184	-9999
1664.23	1665.352	1304.352	81.01989	19.88429	80.92549	81.29129	61.38132	0.103279	38.5154	17.88847	20.62693	32.89654	-9999
1664.235	1665.356	1304.356	80.67768	23.54645	80.47708	80.20567	61.63297	0	38.36703	24.28211	14.08491	32.93028	-9999
1664.24	1665.36	1304.36	80.19387	23.54645	80.47708	80.40628	58.32855	1.036983	40.63447	29.08367	11.5508	32.2891	-9999
1664.245	1665.364	1304.364	80.67768	19.5501	80.91369	81.7161	59.21637	0.825623	39.95801	27.48054	12.47747	32.38353	-9999
1664.25	1665.368	1304.368	81.14969	31.34421	81.13789	81.26769	57.84844	1.139519	41.01204	15.64268	25.36936	32.07292	-9999
1664.255	1665.372	1304.372	82.32972	29.42262	82.48312	83.02593	55.94751	1.9035	42.14899	14.18333	27.96566	31.753	-9999
1664.26	1665.376	1304.376	83.33274	36.34313	83.48614	83.95815	53.34997	2.777829	43.8722	16.73443	27.13778	31.2762	-9999
1664.265	1665.38	1304.38	83.52154	36.78872	83.91095	83.81655	51.2394	3.601816	45.15878	18.46346	26.69532	31.06785	-9999
1664.27	1665.385	1304.385	81.5037	35.08992	82.17631	83.09673	51.31208	3.397784	45.29014	13.37636	31.91378	30.8465	-9999
1664.275	1665.389	1304.389	81.6453	30.55051	82.28251	84.92577	52.5547	3.056	44.3893	13.75353	30.63577	30.78447	-9999
1664.28	1665.393	1304.393	84.01715	60.41872	83.81655	84.44196	49.63757	3.609491	46.75294	18.78375	27.96918	30.37413	-9999
1664.285	1665.397	1304.397	85.76359	105.6457	85.14997	85.97599	40.28673	5.996603	53.71667	26.70027	27.0164	28.81325	-9999
1664.29	1665.401	1304.401	85.04377	95.55042	84.53636	85.13817	42.56896	5.405493	52.02555	33.90485	18.12069	29.13941	-9999
1664.295	1665.405	1304.405	83.26193	52.46779	83.62774	84.22955	47.86681	4.471608	47.66158	28.96782	18.69377	30.24903	-9999
1664.3	1665.409	1304.409	82.17631	26.87442	82.63652	83.55694	54.32756	2.541522	43.13092	18.58977	24.54115	31.45231	-9999
1664.305	1665.413	1304.413	82.96693	36.88619	83.91095	85.13817	47.42782	5.025857	47.54633	21.26128	26.28505	30.31387	-9999
1664.31	1665.417	1304.417	83.89915	37.67989	83.91095	83.53334	53.6028	2.674151	43.72305	13.75092	29.97213	31.47598	-9999
1664.315	1665.421	1304.421	84.79597	36.42668	84.17055	83.61594	58.0194	0.963624	41.01697	25.23951	15.77746	32.34069	-9999
1664.32	1665.425	1304.425	85.00837	26.03895	84.37116	83.95815	60.42927	0.295096	39.27563	17.6593	21.61632	32.96011	-9999
1664.325	1665.429	1304.429	84.24135	31.95689	83.42714	82.35332	61.07457	0	38.92543	7.486989	31.43845	32.96751	-9999
1664.33	1665.433	1304.433	83.82835	30.11885	83.33274	82.30611	59.43014	0.613659	39.9562	29.22154	10.73466	32.74245	-9999
1664.335	1665.437	1304.437	83.02593	24.60472	83.42714	85.69278	54.55244	2.591299	42.85626	20.4411	22.41516	31.30801	-9999
1664.34	1665.441	1304.441	86.566	19.17414	86.80201	87.49822	53.8901	3.369864	42.74004	16.90059	25.83945	31.69024	-9999
1664.345	1665.445	1304.445	86.6722	20.84508	86.5306	86.04679	56.31448	2.212115	41.4734	23.77119	17.70222	32.32275	-9999
1664.35	1665.449	1304.449	86.96721	25.37057	87.09701	87.98203	52.84452	3.611757	43.54373	28.87142	14.67231	31.41537	-9999
1664.355	1665.453	1304.453	85.73999	21.29067	86.07039	85.69278	53.40622	3.424791	43.16899	29.62219	13.5468	31.75201	-9999
1664.36	1665.457	1304.457	85.55118	25.3288	85.65738	84.47736	54.34028	2.853766	42.80596	26.61784	16.18812	31.9939	-9999
1664.365	1665.461	1304.461	84.34756	27.7099	85.02017	85.69278	50.4817	4.279288	45.23902	18.77089	26.46813	30.98025	-9999
1664.37	1665.465	1304.465	85.12637	28.62892	85.06737	84.78417	55.2128	2.348748	42.43845	26.26355	16.1749	31.91342	-9999
1664.375	1665.469	1304.469	85.35058	17.169	85.19717	85.06737	58.51145	1.362577	40.12598	30.22225	9.903722	32.66862	-9999
1664.38	1665.473	1304.473	85.65738	15.44235	85.55118	85.27978	58.28123	1.528791	40.18998	13.23958	26.95041	32.68774	-9999
1664.385	1665.477	1304.477	86.2238	13.39544	86.20019	86.2474	57.61532	1.916056	40.46863	19.44807	21.02056	32.55123	-9999
1664.39	1665.481	1304.481	87.89943	23.85279	87.74603	86.507	54.54902	2.928774	42.5222	19.59003	22.93217	32.15414	-9999
1664.395	1665.485	1304.485	87.85223	47.12075	86.73121	86.17659	56.46066	0.998752	42.54059	28.5245	14.01609	32.08652	-9999
1664.4	1665.489	1304.489	86.2238	29.82643	86.14119	86.5188	54.09627	2.823847	43.07988	17.56196	25.51792	31.63067	-9999
1664.405	1665.493	1304.493	85.68098	22.48818	85.99959	86.69581	53.26215	3.436273	43.30157	30.62353	12.67804	31.51163	-9999
1664.41	1665.497	1304.497	85.57478	18.56146	85.72819	86.271	55.59045	2.565098	41.84445	28.25379	13.59066	31.98721	-9999
1664.415	1665.501	1304.501	87.07341	45.51943	86.566	86.73121	52.80919	2.771355	44.41945	16.97171	27.44775	31.28865	-9999
1664.42	1665.506	1304.506	85.70458	34.07343	85.57478	84.86677	53.91198	2.728238	43.35978	26.96985	16.38993	31.71929	-9999
1664.425	1665.51	1304.51	84.58356	35.53551	84.30036	82.87253	55.77838	1.889019	42.33261	13.71492	28.61769	32.09559	-9999
1664.43	1665.514	1304.514	85.17357	29.31122	84.63076	84.60716	58.75378	0.86771	40.37851	16.1514	24.22711	32.51096	-9999
1664.435	1665.518	1304.518	85.84619	24.08951	85.33878	83.84015	59.12428	0.86663	40.00909	22.43566	17.57344	32.96891	-9999
1664.44	1665.522	1304.522	86.08219	19.92606	85.55118	84.34756	60.09761	0.593434	39.30896	15.19564	24.11331	33.18488	-9999
1664.445	1665.526	1304.526	87.08521	25.2174	86.33	84.63076	59.63191	0.547984	39.8201	17.92701	21.89309	33.16368	-9999
1664.45	1665.53	1304.53	87.33302	21.66663	86.96721	85.40958	57.24531	1.762852	40.99184	12.16828	28.82356	32.7168	-9999
1664.455	1665.534	1304.534	88.07643	25.57944	87.35662	87.42742	58.35802	1.048301	40.59368	18.62381	21.96986	32.62721	-9999
1664.46	1665.538	1304.538	88.84345	28.14156	87.97023	87.14421	58.22121	0.93263	40.84616	25.10909	15.73707	32.77878	-9999
1664.465	1665.542	1304.542	89.50426	25.09208	88.87885	88.40684	56.43074	1.925137	41.64412	12.85557	28.78854	32.42571	-9999
1664.47	1665.546	1304.546	93.41014	41.27243	92.40712	89.76387	51.84815	3.01611	45.13574	20.63271	24.50303	32.03693	-9999
1664.475	1665.55	1304.55	92.77293	28.53145	92.08852	89.57506	53.0485	3.347744	43.60375	24.60354	19.00021	32.28886	-9999
1664.48	1665.554	1304.554	93.35114	31.46953	92.24192	90.54268	55.0978	1.838009	43.06419	13.57959	29.4846	32.551	-9999

1664.485	1665.558	1304.558	92.65493	28.18333	91.92331	91.59291	53.60712	3.053856	43.33903	19.00943	24.3296	31.98818	-9999
1664.49	1665.562	1304.562	93.04434	31.27459	91.82891	91.3097	56.2503	1.225319	42.52438	27.03525	15.48913	32.55149	-9999
1664.495	1665.566	1304.566	92.97353	19.27161	92.33632	91.4159	54.73902	3.036616	42.22436	29.00965	13.21471	32.39834	-9999
1664.5	1665.57	1304.57	93.76415	20.31595	93.18594	92.21832	53.30166	3.785137	42.9132	29.42645	13.48675	32.15209	-9999
1664.505	1665.574	1304.574	94.24796	33.58607	93.03254	91.4159	54.58359	1.822635	43.59377	14.75794	28.83584	32.47593	-9999
1664.51	1665.578	1304.578	93.33934	18.08802	93.02074	92.14752	52.21971	4.655344	43.12495	27.94123	15.18372	31.92375	-9999
1664.515	1665.582	1304.582	92.74933	13.20049	92.77293	92.14752	51.29319	5.603428	43.10338	18.81881	24.28457	31.72038	-9999
1664.52	1665.586	1304.586	91.93511	14.96892	91.71091	90.96749	53.5348	4.093397	42.3718	24.37877	17.99303	32.11847	-9999
1664.525	1665.59	1304.59	92.97353	13.22834	93.05614	93.18594	50.62293	6.032228	43.34485	20.44532	22.89953	31.46677	-9999
1664.53	1665.594	1304.594	95.9472	31.87335	95.28638	93.32754	49.13654	5.320841	45.54262	23.87944	21.66318	31.60174	-9999
1664.535	1665.598	1304.598	95.81739	38.90526	95.06218	93.53995	48.28585	5.219659	46.49449	19.9018	26.5927	31.34414	-9999
1664.54	1665.602	1304.602	96.1832	46.10426	95.07398	93.38654	48.9507	3.999271	47.05003	33.656	13.39403	31.4865	-9999
1664.545	1665.606	1304.606	98.80285	80.37263	96.2422	93.39834	49.49626	0	50.50374	11.07614	39.4276	30.64741	-9999
1664.55	1665.61	1304.61	98.29544	54.58432	96.78501	95.28638	48.06463	3.210885	48.72449	27.79574	20.92875	31.42271	-9999
1664.555	1665.614	1304.614	97.91784	42.83198	96.65521	95.68759	49.3356	3.696141	46.96826	33.05798	13.91028	31.54187	-9999
1664.56	1665.618	1304.618	96.70241	22.892	96.3838	95.38078	47.96312	7.073459	44.96342	25.70951	19.25391	31.26333	-9999
1664.565	1665.623	1304.623	96.0652	20.38557	95.58139	94.10636	50.43624	5.574005	43.98976	25.65086	18.3389	31.7878	-9999
1664.57	1665.627	1304.627	95.74659	21.72233	95.42798	94.71997	49.12553	6.363185	44.51128	29.83385	14.67743	31.39029	-9999
1664.575	1665.631	1304.631	96.72601	26.98582	96.65521	95.75839	45.03021	8.785073	46.18471	32.61671	13.568	30.74668	-9999
1664.58	1665.635	1304.635	98.11844	27.36178	98.02404	96.66701	43.8411	9.743622	46.41528	28.43481	17.98046	30.66472	-9999
1664.585	1665.639	1304.639	100.5021	40.53443	100.1599	100.2189	40.38085	10.93268	48.68646	30.72433	17.96213	29.94554	-9999
1664.59	1665.643	1304.643	99.94748	32.87592	99.08606	97.88243	46.76834	6.549565	46.6821	28.27261	18.40948	31.20972	-9999
1664.595	1665.647	1304.647	101.2219	37.54065	99.91208	97.64643	47.94217	4.600132	47.4577	24.80857	22.64912	31.72291	-9999
1664.6	1665.651	1304.651	100.7853	29.11628	100.2897	96.72601	44.07237	9.32861	46.59902	31.12666	15.47236	31.16971	-9999
1664.605	1665.655	1304.655	100.5611	21.95905	100.1953	98.46065	45.00472	9.564255	45.43103	26.43576	18.99527	30.95873	-9999
1664.61	1665.659	1304.659	102.1895	21.8755	101.7529	100.9741	44.07549	10.3954	45.52911	21.35982	24.1693	30.64103	-9999
1664.615	1665.663	1304.663	102.4255	22.64135	102.2485	102.1187	41.66108	12.61404	45.72488	17.5798	28.14508	30.08946	-9999
1664.62	1665.667	1304.667	103.6056	25.84401	103.2515	103.0863	41.1722	12.56524	46.26256	17.57941	28.68315	30.04831	-9999
1664.625	1665.671	1304.671	101.1747	24.00596	101.1393	100.7263	41.38419	12.56662	46.04919	17.35142	28.69777	30.10221	-9999
1664.63	1665.675	1304.675	100.0065	18.85387	99.85308	99.78227	44.62028	10.34356	45.03616	22.11685	22.91931	30.55895	-9999
1664.635	1665.679	1304.679	100.6319	21.09573	100.4077	98.38985	44.05108	10.54402	45.4049	23.86148	21.54341	30.83534	-9999
1664.64	1665.683	1304.683	99.71147	20.03746	99.75867	98.30724	43.05057	11.51691	45.43252	27.70134	17.73118	30.54673	-9999
1664.645	1665.687	1304.687	100.8915	22.40464	100.8207	98.31904	42.30661	11.94066	45.75273	23.55928	22.19345	30.63121	-9999
1664.65	1665.691	1304.691	100.8325	23.00339	100.7027	100.1009	42.67325	11.50988	45.81687	25.82856	19.9883	30.34604	-9999
1664.655	1665.695	1304.695	100.6437	24.28445	100.5493	100.9741	42.26258	11.67528	46.06214	17.36693	28.69521	30.09324	-9999
1664.66	1665.699	1304.699	102.2603	33.04301	102.3547	102.0479	37.19248	15.22497	47.58255	30.15185	17.4307	29.49438	-9999
1664.665	1665.703	1304.703	103.9478	41.17496	103.8298	106.001	35.31824	15.86045	48.82131	35.31819	13.50312	28.83449	-9999
1664.67	1665.707	1304.707	107.2282	63.23148	106.3196	106.886	33.08981	13.57166	53.33853	18.98988	34.34865	29.17273	-9999
1664.675	1665.711	1304.711	105.7178	54.38938	105.1514	104.3844	33.96709	14.70653	51.32639	37.26584	14.06055	29.36677	-9999
1664.68	1665.715	1304.715	105.9774	43.30542	106.0246	109.7535	31.65507	19.77066	48.57427	18.36391	30.21036	28.0181	-9999
1664.685	1665.719	1304.719	105.0216	39.72681	105.293	105.0924	31.66286	20.34849	47.98865	31.78367	16.20498	28.71555	-9999
1664.69	1665.723	1304.723	103.3223	36.70517	103.641	102.5789	33.59159	18.43918	47.96923	28.31622	19.65302	29.14725	-9999
1664.695	1665.727	1304.727	105.4228	62.47956	105.8712	106.1072	24.41581	24.01443	51.56976	35.16964	16.40011	28.16629	-9999
1664.7	1665.731	1304.731	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1665.005	1665.978	1304.978	99.44007	25.94148	100.2425	104.6676	36.01857	16.78091	47.20051	22.20133	24.99918	28.47785	-9999
1665.01	1665.982	1304.982	96.71421	33.71139	96.74961	97.71723	42.59041	9.843539	47.56605	29.01935	18.5467	30.02548	-9999
1665.015	1665.986	1304.986	96.56081	95.82891	95.9826	91.3569	32.4546	10.44518	57.10021	32.1308	24.96941	29.89824	-9999
1665.02	1665.99	1304.99	97.17442	113.7081	96.0534	87.60442	31.77011	8.948076	59.28181	30.38663	28.89518	30.55538	-9999
1665.025	1665.994	1304.994	92.73753	104.309	89.85827	84.48916	51.75296	0	48.24704	20.87132	27.37572	30.44831	-9999
1665.03	1665.998	1304.998	91.3569	100.424	89.28006	82.63652	47.74457	1.808921	50.44651	19.5431	30.90341	31.44474	-9999
1665.035	1666.002	1305.002	88.94965	78.77131	86.03499	83.50974	61.69228	0	38.30772	13.91927	24.38845	29.17983	-9999
1665.04	1666.006	1305.006	86.33	69.70641	84.30036	81.84591	59.43717	0	40.56283	20.63747	19.92536	31.47478	-9999
1665.045	1666.01	1305.01	84.15875	37.54065	83.46254	81.89311	58.88477	0.623492	40.49174	20.59412	19.89762	32.63363	-9999
1665.05	1666.014	1305.014	82.12911	28.51752	81.3857	80.52428	63.30145	0	36.69855	19.25433	17.44422	32.46071	-9999
1665.055	1666.018	1305.018	82.90793	33.98988	82.42412	82.18811	59.24868	0.612343	40.13897	17.68215	22.45682	32.44192	-9999
1665.06	1666.022	1305.022	86.11759	79.28652	84.38296	82.76632	55.0279	0.7424	44.2297	23.20707	21.02262	31.44241	-9999
1665.065	1666.026	1305.026	87.17961	101.9696	84.39476	81.24409	56.70074	0	43.29926	18.67057	24.62869	30.52151	-9999
1665.07	1666.03	1305.03	88.17084	43.68138	86.87281	85.62198	58.37164	0.231764	41.39659	12.01845	29.37814	32.64867	-9999
1665.075	1666.034	1305.034	91.66371	107.3306	88.43044	85.84619	54.7532	0	45.2468	11.8622	33.3846	28.69342	-9999
1665.08	1666.038	1305.038	91.62831	90.71859	89.20926	86.10579	52.49569	0	47.50431	28.31042	19.19389	31.41009	-9999
1665.085	1666.042	1305.042	87.84043	61.79725	87.14421	87.21502	49.62753	3.491601	46.88087	15.95872	30.92215	30.64992	-9999
1665.09	1666.046	1305.046	87.47462	21.68056	87.38022	87.51002	55.00827	2.799838	42.19189	22.78907	19.40282	31.98781	-9999
1665.095	1666.05	1305.05	87.29762	18.77032	87.23862	87.19142	55.60103	2.648425	41.75054	19.68432	22.06622	32.15729	-9999
1665.1	1666.054	1305.054	84.15875	32.12399	83.65134	83.26193	58.73237	0.823118	40.44451	25.06618	15.37833	32.47066	-9999
1665.105	1666.058	1305.058	90.09427	85.98423	87.94663	85.91699	52.94932	0.384382	46.66629	17.27867	29.38762	31.43098	-9999
1665.11	1666.062	1305.062	87.10881	40.60405	86.389	85.09097	55.61228	1.716665	42.67106	13.73539	28.93567	32.10098	-9999
1665.115	1666.066	1305.066	86.212	53.09439	84.76057	81.96391	59.0847	0	40.9153	16.09926	24.81604	32.64184	-9999
1665.12	1666.07	1305.07	90.35388	102.0114	87.38022	84.33576	55.23354	0	44.76646	19.16796	25.5985	29.69443	-9999
1665.125	1666.074	1305.074	92.89093	120.5032	89.40986	84.71336	52.35686	0	47.64314	19.57237	28.07077	28.39911	-9999
1665.13	1666.078	1305.078	93.95295	127.6326	89.69307	86.80201	55.69031	0	44.30969	21.99435	22.31533	24.75674	-9999
1665.135	1666.082	1305.082	91.5575	99.00371	88.71365	85.51578	53.8481	0	46.1519	27.28041	18.87149	30.02617	-9999
1665.14	1666.086	1305.086	90.56628	107.9154	88.25344	86.271	48.48805	1.298267	50.21368	22.45281	27.76087	30.52763	-9999
1665.145	1666.09	1305.09	93.56355	155.5235	89.32726	85.55118	49.11606	0	50.88394	19.75936	31.12458	26.34667	-9999

1665.15	1666.094	1305.094	96.69061	172.1913	91.69911	84.86677	48.0585	0	51.9415	30.25723	21.68428	22.59186	-9999
1665.155	1666.099	1305.099	95.53419	217.5018	89.89367	84.22955	43.18711	0	56.81289	18.40783	38.40506	22.37257	-9999
1665.16	1666.103	1305.103	90.07067	55.29448	88.71365	85.76359	54.27068	1.313194	44.41612	31.6113	12.80482	32.1778	-9999
1665.165	1666.107	1305.107	84.77237	20.67799	84.66616	84.48916	57.82842	1.514852	40.65673	29.07638	11.58035	32.46264	-9999
1665.17	1666.111	1305.111	82.88433	23.04517	82.51852	82.49492	61.0045	0.200542	38.79496	26.85679	11.93817	32.92894	-9999
1665.175	1666.115	1305.115	77.75122	41.34206	77.17301	77.52702	62.94524	0	37.05476	17.6834	19.37136	31.87874	-9999
1665.18	1666.119	1305.119	75.79238	21.9312	75.76878	76.22899	65.14656	0	34.85344	5.542504	29.31093	31.71456	-9999
1665.185	1666.123	1305.123	79.95787	25.106	79.48586	79.30885	64.02118	0	35.97882	13.38249	22.59633	32.24525	-9999
1665.19	1666.127	1305.127	79.32065	48.94487	80.32367	81.6689	47.40693	4.233932	48.35914	24.8387	23.52044	29.97642	-9999
1665.195	1666.131	1305.131	76.33519	48.68031	76.25259	76.97241	58.63115	0.659645	40.7092	18.99738	21.71182	31.51007	-9999
1665.2	1666.135	1305.135	78.61264	35.73045	79.00205	80.11127	56.01169	1.545782	42.44253	24.28307	18.15946	31.37516	-9999
1665.205	1666.139	1305.139	79.30885	29.82643	79.19085	79.50946	60.73238	0.16317	39.10445	14.13438	24.97007	32.50017	-9999
1665.21	1666.143	1305.143	78.41203	30.04923	78.11703	77.98723	62.87531	0	37.12469	25.76714	11.35755	32.26591	-9999
1665.215	1666.147	1305.147	80.50068	21.38814	80.34727	80.20567	61.95232	0	38.04768	17.93013	20.11755	32.88047	-9999
1665.22	1666.151	1305.151	82.76632	15.53982	82.77812	82.29431	60.00289	0.731961	39.26515	13.78287	25.48227	32.92849	-9999
1665.225	1666.155	1305.155	81.98751	22.19577	82.15271	81.7161	57.91979	1.314292	40.76592	21.44421	19.3217	32.37865	-9999
1665.23	1666.159	1305.159	80.54788	33.3215	80.50068	80.68948	58.19796	0.973738	40.82831	11.51651	29.3118	32.05272	-9999
1665.235	1666.163	1305.163	80.18207	39.76858	80.25287	81.17329	56.05979	1.585641	42.35457	21.39872	20.95585	31.41685	-9999
1665.24	1666.167	1305.167	80.80748	32.5835	80.68948	80.93729	58.68643	0.827797	40.48578	10.52561	29.96016	32.15665	-9999
1665.245	1666.171	1305.171	82.02291	61.44914	81.84591	81.7397	51.04001	3.02914	45.93085	16.55045	29.3804	30.57143	-9999
1665.25	1666.175	1305.175	83.67494	83.15755	82.01111	81.04349	55.78964	0.80974	43.40062	24.14451	19.25611	31.18803	-9999
1665.255	1666.179	1305.179	85.99959	161.8314	82.81353	78.76604	46.40919	1.951775	51.63904	19.39171	32.24732	29.40731	-9999
1665.26	1666.183	1305.183	88.97325	151.2209	85.24438	78.70704	50.44796	0	49.55204	14.54804	35.004	29.90786	-9999
1665.265	1666.187	1305.187	91.2625	159.1161	87.02621	83.49794	50.36363	0	49.63637	12.18574	37.45063	27.27467	-9999
1665.27	1666.191	1305.191	89.89367	124.8199	86.80201	80.53608	51.05181	0	48.94819	26.90795	22.04024	30.82181	-9999
1665.275	1666.195	1305.195	87.73423	74.67748	86.01139	82.93153	54.56454	0.756665	44.6788	23.4225	21.2563	31.8317	-9999
1665.28	1666.199	1305.199	86.17659	62.15929	84.22955	81.89311	60.76454	0	39.23546	17.58937	21.64609	31.44282	-9999
1665.285	1666.203	1305.203	82.55392	15.98541	82.37692	81.6571	61.5537	0.145488	38.30081	18.99651	19.3043	33.26899	-9999
1665.29	1666.207	1305.207	82.42412	18.97919	81.86951	81.31489	63.87509	0	36.12491	25.38988	10.73504	32.64402	-9999
1665.295	1666.211	1305.211	80.66588	26.1782	80.48888	79.99327	60.82404	0.196932	38.97902	14.76013	24.21889	32.80672	-9999
1665.3	1666.216	1305.216	80.84288	21.70841	80.73668	80.66588	61.19418	0.136144	38.66968	26.3441	12.32558	32.89062	-9999
1665.305	1666.22	1305.22	76.7954	34.64434	77.70402	78.68344	53.92251	1.997964	44.07953	20.46672	23.61281	31.02605	-9999
1665.31	1666.224	1305.224	76.04019	40.04707	77.17301	78.23503	51.57226	2.563896	45.86385	18.85479	27.00906	30.56009	-9999
1665.315	1666.228	1305.228	81.4801	20.99826	81.33849	81.20869	61.05415	0.209227	38.73662	19.47995	19.25667	32.91835	-9999
1665.32	1666.232	1305.232	83.01413	56.22742	81.86951	82.78992	58.8908	0.298344	40.81086	26.94582	13.86504	31.7937	-9999
1665.325	1666.236	1305.236	85.86979	188.9843	81.84591	78.49464	46.45069	1.439348	52.10997	15.39009	36.71987	28.81653	-9999
1665.33	1666.24	1305.24	84.41836	156.4426	82.45952	81.5627	39.65702	5.035295	55.30768	35.34047	19.96722	28.20291	-9999
1665.335	1666.244	1305.244	86.15299	130.2644	84.92577	83.91095	38.72626	5.795666	55.47807	28.83026	26.64781	28.71375	-9999
1665.34	1666.248	1305.248	90.71969	213.6865	87.35662	80.34727	30.88954	4.549669	64.56079	42.96993	21.59085	28.86027	-9999
1665.345	1666.252	1305.252	89.17386	219.1171	85.25618	80.99629	35.29575	3.222681	61.48157	22.31017	39.17141	28.18594	-9999
1665.35	1666.256	1305.256	91.3097	205.7216	85.45678	82.01111	51.57057	0	48.42943	14.58279	33.84664	23.48173	-9999
1665.355	1666.26	1305.26	92.37172	198.9961	86.96721	83.40354	48.74593	0	51.25407	10.90653	40.34754	24.14456	-9999
1665.36	1666.264	1305.264	91.1563	241.1736	85.56298	78.04623	41.12039	0	58.87961	30.40327	28.47634	27.13365	-9999
1665.365	1666.268	1305.268	90.33028	253.4133	85.43318	77.57422	33.52266	2.024523	64.45282	34.87315	29.57967	28.48739	-9999
1665.37	1666.272	1305.272	88.85525	181.5486	84.78417	80.64228	45.86931	0.252986	53.8777	17.46511	36.41259	29.4289	-9999
1665.375	1666.276	1305.276	92.35992	195.3339	88.05283	82.43592	41.138	0	58.862	23.11805	35.74395	28.9325	-9999
1665.38	1666.28	1305.28	93.26854	210.8876	88.80805	97.28062	37.72694	0	62.27306	21.07556	41.19749	26.30119	-9999
1665.385	1666.284	1305.284	94.23616	198.4809	91.3333	96.3602	27.76753	5.172385	67.06009	38.87064	28.18945	27.20427	-9999
1665.39	1666.288	1305.288	100.1599	173.6812	101.4933	110.2845	0	31.44378	68.55622	68.55622	0	-9999	-9999
1665.395	1666.292	1305.292	98.59045	192.6047	102.3901	102.7441	0	48.44137	51.55863	51.55863	0	-9999	-9999
1665.4	1666.296	1305.296	97.37502	228.6276	100.5611	100.2189	0	43.94601	56.05399	56.05399	0	-9999	-9999
1665.405	1666.3	1305.3	93.04434	125.53	91.85251	89.79927	33.25759	7.694473	59.04794	41.30675	17.74119	29.1353	-9999
1665.41	1666.304	1305.304	91.4395	202.0177	87.98203	80.76028	33.78278	3.339897	62.87733	37.10265	25.77467	29.20971	-9999
1665.415	1666.308	1305.308	88.01743	225.8009	83.65134	78.08163	38.21735	2.510225	59.27243	33.42754	25.84488	28.29178	-9999
1665.42	1666.312	1305.312	89.94087	176.5357	87.84043	78.45924	30.81119	6.651748	62.53707	42.4477	20.08937	29.6578	-9999
1665.425	1666.316	1305.316	98.55505	173.904	101.6821	106.0482	0	42.0335	57.9665	57.9665	0	-9999	-9999
1665.43	1666.32	1305.32	101.9417	203.4241	106.5792	108.0896	0	64.8628	35.1372	35.1372	0	-9999	-9999
1665.435	1666.324	1305.324	106.001	139.0926	108.8331	112.8097	0	53.80856	46.19144	46.19144	0	-9999	-9999
1665.44	1666.328	1305.328	106.5084	146.6814	110.0013	113.801	0	62.96877	37.03123	37.03123	0	-9999	-9999
1665.445	1666.332	1305.332	104.703	122.9818	107.3934	111.0515	0	48.02601	51.97399	51.97399	0	-9999	-9999
1665.45	1666.337	1305.337	103.5702	96.1074	105.0806	105.4464	9.751629	32.90877	57.3396	51.61203	5.727578	28.27802	-9999
1665.455	1666.341	1305.341	102.2957	118.0525	104.5732	107.0394	0	38.70818	61.29182	61.29182	0	-9999	-9999
1665.46	1666.345	1305.345	104.3018	118.3449	106.2134	107.2518	0.587694	39.384	60.02831	60.02831	0	-9999	-9999
1665.465	1666.349	1305.349	104.467	123.9983	106.5792	106.9568	0	41.98172	58.01828	58.01828	0	-9999	-9999
1665.47	1666.353	1305.353	101.1275	135.2215	101.2337	101.3753	13.41602	21.05139	65.53259	46.44505	19.08754	28.79525	-9999
1665.475	1666.357	1305.357	100.0655	175.8673	99.06246	89.13846	13.15327	15.35074	71.49599	44.5292	26.96679	30.83577	-9999
1665.48	1666.361	1305.361	102.7677	157.6122	104.29	106.591	0	35.80625	64.19375	64.19375	0	-9999	-9999
1665.485	1666.365	1305.365	105.5408	108.9598	106.9922	111.2521	5.285623	36.76966	57.94471	55.508	2.43671	-9999	-9999
1665.49	1666.369	1305.369	96.60801	168.738	96.0062	95.09758	14.95009	15.2631	69.78681	51.33111	18.45571	28.92171	-9999
1665.495	1666.373	1305.373	96.99742	195.139	97.88243	96.4192	0	26.05915	73.94085	73.94085	0	-9999	-9999
1665.5	1666.377	1305.377	93.57535	148.5334	93.09154	88.60744	21.71512	12.79615	65.48873	48.66958	16.81915	29.28885	-9999
1665.505	1666.381	1305.381	95.88819	113.3321	95.72299	92.87913	25.63682	13.47906	60.88412	42.14424	18.73988	29.20557	-9999
1665.51	1666.385	1305.385	100.2189	122.6894	101.8591	104.1956	5.39598	30.35984	64.24419	64.24419	0	-9999	-9999

1665.515	1666.389	1305.389	102.2485	84.67532	102.6497	104.8682	22.33056	21.06565	56.60378	38.88665	17.71713	28.06831	-9999
1665.52	1666.393	1305.393	104.8918	79.27259	104.7738	108.2666	25.23012	19.45095	55.31894	39.64688	15.67205	27.90899	-9999
1665.525	1666.397	1305.397	106.2252	108.4028	107.3698	110.1193	7.168501	34.99007	57.84143	50.65708	7.184351	-9999	-9999
1665.53	1666.401	1305.401	108.2194	137.5887	111.3229	116.5386	0	63.09102	36.90898	36.90898	0	-9999	-9999
1665.535	1666.405	1305.405	106.827	137.7558	109.2933	108.5499	0	51.92628	48.07372	48.07372	0	-9999	-9999
1665.54	1666.409	1305.409	107.6884	142.6433	110.4969	114.1904	0	58.39103	41.60897	41.60897	0	-9999	6
1665.545	1666.413	1305.413	111.0397	141.0002	114.5208	115.7244	0	77.94763	22.05237	22.05237	0	-9999	6
1665.55	1666.417	1305.417	112.1017	154.8134	115.7834	118.0608	0	86.04175	13.95825	13.95825	0	-9999	6
1665.555	1666.421	1305.421	113.1165	119.9741	116.4206	112.2551	0	82.13906	17.86094	17.86094	0	-9999	6
1665.56	1666.425	1305.425	112.3495	132.0328	115.4294	112.7153	0	76.54417	23.45583	23.45583	0	-9999	6
1665.565	1666.429	1305.429	112.8923	143.618	116.987	112.2905	0	95.16752	4.832475	4.832475	0	-9999	6
1665.57	1666.433	1305.433	113.1519	140.1369	117.4118	106.9922	0	98.8305	1.169504	1.169504	0	-9999	6
1665.575	1666.437	1305.437	112.7389	120.3779	115.2878	113.5178	0	69.37154	30.62846	30.62846	0	-9999	6
1665.58	1666.441	1305.441	110.1547	104.4064	109.2933	102.8385	20.06732	19.58861	60.34407	28.91857	31.42551	29.80523	6
1665.585	1666.445	1305.445	110.4261	112.3991	107.9244	102.5081	30.5952	3.10271	66.30209	27.97063	38.33146	31.16527	6
1665.59	1666.449	1305.449	112.5737	86.65261	111.5471	107.0158	23.41854	19.01825	57.56321	37.12012	20.44309	29.41648	6
1665.595	1666.454	1305.454	113.1283	104.3507	114.6034	115.6536	0	54.05432	45.94568	45.94568	0	-9999	6
1665.6	1666.458	1305.458	115.6064	110.6725	118.7335	123.2176	0	89.29747	10.70253	10.70253	0	-9999	6
1665.605	1666.462	1305.462	116.2672	105.228	119.4179	121.0345	0	92.37172	7.628279	7.628279	0	-9999	6
1665.61	1666.466	1305.466	115.8896	109.3636	119.2763	120.6805	0	95.09655	4.903451	4.903451	0	-9999	6
1665.615	1666.47	1305.47	115.5474	115.5322	118.9341	121.0935	0	93.88915	6.110849	6.110849	0	-9999	6
1665.62	1666.474	1305.474	113.742	129.6378	115.5356	110.5795	0	62.15716	37.84284	37.84284	0	-9999	6
1665.625	1666.478	1305.478	110.4261	125.4186	108.6797	114.2376	21.59157	11.7737	66.63474	51.08725	15.54749	28.28297	6
1665.63	1666.482	1305.482	102.7441	85.14876	100.8443	95.72299	39.59315	4.354722	56.05213	33.66531	22.38682	31.15102	6
1665.635	1666.486	1305.486	96.78501	26.48454	96.84401	97.25702	44.09127	9.548157	46.36057	23.74425	22.61633	30.35196	6
1665.64	1666.49	1305.49	93.49274	16.05503	93.56355	93.49274	49.55265	6.510317	43.93704	21.86941	22.06763	31.30495	6
1665.645	1666.494	1305.494	92.24192	13.85495	92.24192	91.95871	51.78454	5.219997	42.99547	15.92648	27.06898	31.71984	6
1665.65	1666.498	1305.498	90.75509	20.69191	90.68429	90.17688	52.04659	4.498088	43.45533	20.65119	22.80414	31.7084	6
1665.655	1666.502	1305.502	82.62472	27.5428	82.91973	83.41534	55.0336	2.303455	42.66294	18.2818	24.38115	31.64197	3
1665.66	1666.506	1305.506	81.4447	28.11371	81.17329	79.76906	60.37075	0.33144	39.29781	13.13361	26.16419	32.89012	3
1665.665	1666.51	1305.51	82.80173	25.3845	82.90793	82.95513	56.8563	1.683043	41.46066	23.48169	17.97897	32.0786	3
1665.67	1666.514	1305.514	83.94635	29.57579	84.53636	83.61594	51.03942	3.938265	45.02231	25.10146	19.92085	31.30501	3
1665.675	1666.518	1305.518	84.72516	33.55822	84.78417	84.61896	53.4745	2.888854	43.63665	26.18631	17.45034	31.5039	3
1665.68	1666.522	1305.522	85.02017	17.46141	85.33878	85.72819	55.08658	2.774613	42.13881	12.66521	29.4736	31.91321	3
1665.685	1666.526	1305.526	85.53938	15.30311	85.33878	84.07615	59.1551	1.159778	39.68512	29.00667	10.67845	33.0316	3
1665.69	1666.53	1305.53	87.28582	15.02461	87.04981	85.96419	57.89013	1.756214	40.35366	26.49036	13.86329	32.82933	3
1665.695	1666.534	1305.534	85.49218	14.07774	85.43318	84.57176	58.39764	1.521897	40.08046	27.1952	12.88527	32.82208	3
1665.7	1666.538	1305.538	86.507	38.23688	85.88159	85.12637	56.00718	1.66681	42.32601	19.29906	23.02694	32.0658	3
1665.705	1666.542	1305.542	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1666.01	1666.788	1305.788	132.7404	58.05154	132.1857	131.7019	8.128642	69.83011	22.04125	5.689265	16.35198	20.9659	3
1666.015	1666.792	1305.792	135.124	49.41831	135.537	136.717	0.450854	85.73428	13.81487	13.81487	0	-9999	3
1666.02	1666.796	1305.796	140.7409	72.57487	140.4341	138.3219	0	100	0	0	0	-9999	3
1666.025	1666.8	1305.8	136.7288	61.30989	136.8232	136.304	0	100	0	0	0	-9999	3
1666.03	1666.804	1305.804	134.7464	82.89298	135.1122	133.9558	0	100	0	0	0	-9999	3
1666.035	1666.809	1305.809	135.8202	48.45751	135.714	135.124	3.824915	91.89022	4.284866	4.284866	0	-9999	3
1666.04	1666.813	1305.813	129.9319	53.02477	130.4393	131.7255	3.698232	92.08668	4.215091	4.215091	0	-9999	3
1666.045	1666.817	1305.817	133.9912	99.03156	134.652	132.8466	0	100	0	0	0	-9999	3
1666.05	1666.821	1305.821	136.2214	99.75564	136.5872	135.6196	0	100	0	0	0	-9999	3
1666.055	1666.825	1305.825	129.4835	88.64383	130.5455	131.9379	0	100	0	0	0	-9999	3
1666.06	1666.829	1305.829	130.1679	61.58838	130.6989	131.1355	1.22581	94.55598	4.218205	4.218205	0	-9999	3
1666.065	1666.833	1305.833	127.8079	69.53931	128.5395	129.8493	0	89.80497	10.19503	10.19503	0	-9999	3
1666.07	1666.837	1305.837	126.9818	62.04789	127.5128	129.0941	4.045788	80.09657	15.85764	15.85764	0	-9999	3
1666.075	1666.841	1305.841	130.0853	131.4758	131.9379	131.9969	0	100	0	0	0	-9999	3
1666.08	1666.845	1305.845	129.6487	105.59	131.4777	135.1594	0	100	0	0	0	-9999	3
1666.085	1666.849	1305.849	128.9879	115.1562	131.6311	133.295	0	100	0	0	0	-9999	3
1666.09	1666.853	1305.853	126.4154	121.5476	129.4953	131.5367	0	100	0	0	0	-9999	3
1666.095	1666.857	1305.857	124.846	44.30799	125.554	126.4508	8.932044	74.70795	16.36	7.295887	9.064117	21.31705	3
1666.1	1666.861	1305.861	125.731	49.91959	126.1794	126.5216	8.771761	72.1033	19.12494	9.132401	9.992543	21.67009	3
1666.105	1666.865	1305.865	128.6693	65.83538	128.5867	127.6662	6.332275	70.01298	23.65475	21.14825	2.506499	-9999	3
1666.11	1666.869	1305.869	129.4363	47.81698	128.9879	128.2563	12.82208	60.95829	26.21963	13.58151	12.63812	22.41381	3
1666.115	1666.873	1305.873	126.262	95.92638	127.2414	127.5364	0	91.21059	8.789414	8.789414	0	-9999	3
1666.12	1666.877	1305.877	126.4744	126.6579	127.0762	126.439	0	84.22001	15.77999	15.77999	0	-9999	3
1666.125	1666.881	1305.881	133.4012	99.00371	132.0559	130.5455	3.737545	47.79069	48.47176	44.58205	3.889714	-9999	3
1666.13	1666.885	1305.885	123.6306	129.7492	123.5126	122.1909	0	57.16088	42.83912	42.83912	0	-9999	3
1666.135	1666.889	1305.889	126.144	79.91312	126.0968	127.4656	4.974338	63.12509	31.90058	22.46049	9.440084	-9999	3
1666.14	1666.893	1305.893	121.8369	74.34329	123.3474	124.2088	0	82.81832	17.18168	17.18168	0	-9999	3
1666.145	1666.897	1305.897	123.8076	69.85958	124.787	126.1322	1.600513	78.74096	19.65853	19.65853	0	-9999	3
1666.15	1666.901	1305.901	125.613	84.16012	125.023	124.256	8.641881	48.59144	42.76668	31.36374	11.40294	25.22019	3
1666.155	1666.905	1305.905	122.5803	96.30234	124.2088	126.5688	0	90.23877	9.761228	9.761228	0	-9999	3
1666.16	1666.909	1305.909	122.3679	91.88825	123.725	126.085	0	82.87583	17.12417	17.12417	0	-9999	3
1666.165	1666.913	1305.913	117.2584	42.95731	117.99	119.1465	16.05656	49.84404	34.0994	8.833526	25.26588	24.83564	3
1666.17	1666.917	1305.917	114.6978	56.43629	116.5504	116.869	6.462514	61.14011	32.39738	32.39738	0	-9999	3
1666.175	1666.921	1305.921	114.5798	48.65246	115.8778	117.4944	12.753	51.75631	35.49068	29.87992	5.610762	25.0352	3

1666.18	1666.925	1305.925	115.276	66.78225	115.689	116.0666	14.58397	41.47337	43.94266	22.21481	21.72785	26.27951	3
1666.185	1666.93	1305.93	117.8838	61.7694	117.872	117.4236	16.69012	40.2496	43.06028	16.5868	26.47348	26.23957	3
1666.19	1666.934	1305.934	120.2557	70.23554	120.7395	123.1468	8.618232	55.77731	35.60446	35.60446	0	24.26504	3
1666.195	1666.938	1305.938	120.9165	65.69613	121.3767	121.3767	9.291725	56.98564	33.72263	15.60078	18.12186	24.39469	3
1666.2	1666.942	1305.942	121.3885	53.16402	121.3177	120.8575	16.00558	46.94249	37.05193	25.21091	11.84102	25.11964	3
1666.205	1666.946	1305.946	119.8309	59.31868	120.1259	120.2321	13.11417	50.26479	36.62104	27.71192	8.909116	24.97071	3
1666.21	1666.95	1305.95	125.3298	103.933	123.725	122.9462	11.98225	25.98716	62.03058	51.86748	10.1631	28.01003	3
1666.215	1666.954	1305.954	123.6542	59.5554	123.5362	123.0052	12.74028	52.4894	34.77032	23.34382	11.4265	24.41402	3
1666.22	1666.958	1305.958	125.436	100.9949	124.0318	122.1791	11.04088	30.45405	58.50507	42.13834	16.36674	27.68148	3
1666.225	1666.962	1305.962	112.1017	87.36277	112.1371	115.276	15.45027	31.49929	53.05044	31.79915	21.25129	27.01777	3
1666.23	1666.966	1305.966	110.9217	78.74346	111.5589	114.4736	13.95772	36.19052	49.85177	40.90927	8.9425	26.72804	3
1666.235	1666.97	1305.97	118.6391	57.25784	119.3235	119.7247	11.69146	53.89023	34.41831	20.98196	13.43635	24.70286	9
1666.24	1666.974	1305.974	119.7483	62.27069	119.2055	119.2763	18.96886	35.01377	46.01737	32.77054	13.24683	26.53794	9
1666.245	1666.978	1305.978	127.619	70.30517	128.2799	128.8345	0.455322	86.99487	12.54981	12.54981	0	-9999	9
1666.25	1666.982	1305.982	124.728	90.42617	125.4006	124.1852	0	76.49247	23.50753	23.50753	0	-9999	9
1666.255	1666.986	1305.986	121.4121	144.6902	122.9343	125.1292	0	86.01649	13.98351	13.98351	0	-9999	9
1666.26	1666.99	1305.99	115.5002	156.7628	115.7834	117.9664	0	46.10093	53.89907	53.89907	0	-9999	9
1666.265	1666.994	1305.994	111.5825	163.4466	110.6975	109.3287	4.648891	24.81927	70.53184	65.35924	5.1726	-9999	9
1666.27	1666.998	1305.998	107.1338	160.3832	107.063	107.0866	3.172852	28.00477	68.82237	66.56173	2.260645	-9999	9
1666.275	1667.002	1306.002	105.5172	151.5968	105.4936	107.4642	6.420657	25.87921	67.70014	58.85384	8.846293	-9999	9
1666.28	1667.006	1306.006	103.3813	189.6248	103.1807	106.768	0.554634	24.6311	74.81426	74.81426	0	-9999	9
1666.285	1667.01	1306.01	103.2397	177.3155	102.5907	104.7502	7.138936	20.14394	72.71712	65.0135	7.703623	-9999	9
1666.29	1667.014	1306.014	108.1132	181.2422	107.9952	108.7741	0	30.19635	69.80365	69.80365	0	-9999	9
1666.295	1667.018	1306.018	104.5024	123.2325	104.5614	106.414	13.5783	23.50009	62.92161	39.46221	23.45941	28.30513	9
1666.3	1667.022	1306.022	103.8534	124.3604	103.3813	103.6764	18.01778	18.49501	63.48721	33.11309	30.37412	28.66961	9
1666.305	1667.026	1306.026	101.4933	109.1547	101.3871	100.9977	21.03378	18.10054	60.86568	39.8207	21.04499	28.71145	9
1666.31	1667.03	1306.03	111.4999	144.8991	111.5117	111.1341	2.263044	34.10089	63.63606	63.63606	0	-9999	9
1666.315	1667.034	1306.034	115.276	113.8334	115.5474	116.8572	4.295016	42.54311	53.16188	53.16188	0	-9999	9
1666.32	1667.038	1306.038	112.6209	88.65775	112.6917	114.5444	14.38485	32.92493	52.69022	43.16504	9.52518	27.15656	9
1666.325	1667.042	1306.042	106.7916	98.86446	107.24	109.4231	14.35134	28.4395	57.20916	47.46563	9.743529	27.75644	9
1666.33	1667.047	1306.047	103.5466	137.0317	104.1956	105.3756	6.545644	28.23467	65.21969	65.21969	0	-9999	9
1666.335	1667.051	1306.051	100.5257	112.3852	100.6083	99.84128	19.67898	18.75351	61.56751	29.43991	32.1276	28.77442	9
1666.34	1667.055	1306.055	103.4639	152.7804	102.2957	104.1248	16.89404	14.65107	68.45489	40.10234	28.35255	28.64143	9
1666.345	1667.059	1306.059	113.9308	102.7773	113.9072	113.1873	10.4945	34.95084	54.55466	39.10101	15.45365	27.70172	9
1666.35	1667.063	1306.063	117.4708	127.1035	117.3882	115.8778	1.807946	42.60612	55.58594	55.58594	0	-9999	9
1666.355	1667.067	1306.067	112.1843	171.0355	112.8333	116.4088	0	45.10627	54.89373	54.89373	0	-9999	9
1666.36	1667.071	1306.071	105.2458	235.005	105.8004	111.3465	0	36.3793	63.6207	63.6207	0	-9999	9
1666.365	1667.075	1306.075	98.64945	233.6265	97.35142	91.76991	2.764605	16.69139	80.544	80.544	0	-9999	9
1666.37	1667.079	1306.079	99.95928	137.5191	99.82947	96.77321	15.76382	18.47253	65.76365	41.69455	24.0691	29.33585	9
1666.375	1667.083	1306.083	104.113	142.9914	103.936	105.3992	10.98393	22.41785	66.59822	60.71514	5.883079	28.66009	9
1666.38	1667.087	1306.087	102.6261	112.6776	102.1777	101.0449	21.79114	16.80829	61.40057	37.97939	23.42118	28.91395	9
1666.385	1667.091	1306.091	104.9862	142.5319	104.29	103.1571	14.31565	18.87306	66.81129	53.4746	13.33669	29.12267	9
1666.39	1667.095	1306.095	122.3561	492.7628	116.3734	116.0666	0	0	100	100	0	-9999	3
1666.395	1667.099	1306.099	130.5455	459.6084	130.0617	123.312	0	91.41761	8.582393	8.582393	0	-9999	3
1666.4	1667.103	1306.103	132.8584	456.0576	133.649	121.6835	0	100	0	0	0	-9999	3
1666.405	1667.107	1306.107	126.321	230.7719	127.029	128.3625	0	93.39576	6.604238	6.604238	0	-9999	3
1666.41	1667.111	1306.111	106.7444	169.3924	104.4552	98.34264	18.54383	8.15704	73.29913	50.34954	22.94958	30.62954	3
1666.415	1667.115	1306.115	97.62283	145.094	95.40438	93.71695	32.26719	5.169764	62.56304	42.38015	20.18289	29.29295	3
1666.42	1667.119	1306.119	94.83797	211.5421	90.79049	88.05283	32.92387	0.983623	66.09251	40.06094	26.03156	28.74836	3
1666.425	1667.123	1306.123	91.89971	100.1873	90.24768	88.87885	44.0102	3.634663	52.35513	32.16634	20.1888	30.03386	3
1666.43	1667.127	1306.127	90.95569	70.7229	89.66947	88.74905	49.17408	2.894347	47.93158	23.95336	23.97822	30.85317	3
1666.435	1667.131	1306.131	90.23588	60.68329	89.36266	89.69307	49.06508	3.636297	47.29863	25.70192	21.59671	30.66102	3
1666.44	1667.135	1306.135	95.13298	88.51851	92.20652	90.51908	53.73625	0	46.26375	9.865985	36.39777	28.7475	3
1666.445	1667.139	1306.139	102.6379	108.6117	100.9977	96.56081	32.00089	7.750395	60.24871	26.27396	33.97476	30.20463	3
1666.45	1667.143	1306.143	114.5916	207.6432	115.2996	112.1135	0	53.75567	46.24433	46.24433	0	-9999	3
1666.455	1667.147	1306.147	107.712	186.2133	105.5172	104.1484	12.85136	10.37194	76.7767	53.44905	23.32765	29.99496	3
1666.46	1667.151	1306.151	103.1689	140.0255	101.2927	94.80257	25.73925	8.372146	65.8886	41.11877	24.76983	30.34417	3
1666.465	1667.155	1306.155	98.90906	72.32423	97.62283	93.89395	41.46946	5.991408	52.53913	22.11722	30.42191	30.80487	3
1666.47	1667.159	1306.159	99.84128	100.5215	97.46943	94.57837	42.20165	1.632791	56.16555	29.00545	27.1601	30.85237	3
1666.475	1667.163	1306.163	103.7472	170.3114	99.69967	94.22436	34.70524	0	65.29476	26.61032	38.68444	24.54728	3
1666.48	1667.168	1306.168	104.762	67.18606	103.7236	102.6261	35.40772	10.76252	53.82976	32.51053	21.31923	29.77013	3
1666.485	1667.172	1306.172	115.5002	240.1571	116.22	118.5919	0	58.35006	41.64994	41.64994	0	-9999	3
1666.49	1667.176	1306.176	117.4826	235.4784	121.4239	121.7897	0	100	0	0	0	-9999	3
1666.495	1667.18	1306.18	131.3715	226.0237	129.2121	120.1967	0	27.23461	72.76539	72.76539	0	-9999	3
1666.5	1667.184	1306.184	112.6091	122.4945	112.6799	111.7831	6.207222	35.1883	58.60448	54.7297	3.874772	-9999	3
1666.505	1667.188	1306.188	96.97382	77.49025	95.13298	91.61651	46.29794	2.496491	51.20557	19.38456	31.82101	31.32524	3
1666.51	1667.192	1306.192	115.1698	80.06629	114.391	113.3408	20.70357	24.95291	54.34351	28.61044	25.73307	28.13173	3
1666.515	1667.196	1306.196	115.217	99.25435	114.3674	112.0191	16.56535	25.32218	58.11247	32.57884	25.53362	28.53635	3
1666.52	1667.2	1306.2	106.1426	96.38589	107.2754	108.6561	10.24404	33.91621	55.83975	52.33745	3.502299	27.81379	3
1666.525	1667.204	1306.204	105.6824	193.3427	107.8654	107.5822	0	49.98313	50.01687	50.01687	0	-9999	3
1666.53	1667.208	1306.208	101.6349	107.9015	102.4845	98.05944	13.79918	25.3481	60.85272	41.12959	19.72313	29.38725	8
1666.535	1667.212	1306.212	102.2721	190.7666	99.51087	97.13902	21.14386	5.478368	73.37778	44.58388	28.79389	29.57797	8
1666.54	1667.216	1306.216	101.1393	173.709	97.45763	100.7027	33.44724	0	66.55276	34.46472	32.08804	27.04816	8

1666.545	1667.22	1306.22	100.3133	101.7051	99.06246	103.2279	32.79305	8.867104	58.33985	28.38231	29.95753	28.48645	8
1666.55	1667.224	1306.224	104.6676	96.02385	103.5584	103.4167	29.06454	12.06482	58.87064	41.95569	16.91495	29.14374	8
1666.555	1667.228	1306.228	106.591	91.70723	105.7178	104.526	26.51056	15.27184	58.2176	41.16774	17.04986	29.10038	8
1666.56	1667.232	1306.232	103.3695	92.89082	103.0745	104.2192	24.70673	17.33814	57.95512	30.56257	27.39255	28.46593	8
1666.565	1667.236	1306.236	99.21586	126.6022	98.10664	95.9826	26.68015	10.88802	62.43183	29.01975	33.41209	29.22537	8
1666.57	1667.24	1306.24	99.01526	99.05941	98.54325	97.35142	28.59166	12.89791	58.51043	23.68912	34.82131	29.09399	8
1666.575	1667.244	1306.244	101.1983	61.60231	101.1865	100.5375	32.08125	15.29724	52.6215	19.50136	33.12014	29.14169	8
1666.58	1667.248	1306.248	93.87035	81.94611	92.46612	89.84647	44.69109	4.058976	51.24993	32.26961	18.98032	30.64934	8
1666.585	1667.252	1306.252	94.21256	67.29746	93.71695	92.46612	40.87944	7.602659	51.5179	17.31465	34.20325	30.03513	8
1666.59	1667.256	1306.256	96.1832	64.17835	94.82617	93.09154	46.49726	3.907857	49.59488	19.75494	29.83995	31.00856	8
1666.595	1667.26	1306.26	92.73753	57.25784	91.87611	90.54268	47.50106	4.463283	48.03565	16.83398	31.20167	30.90909	8
1666.6	1667.264	1306.264	91.91151	64.41507	91.61651	92.31272	42.13926	7.100218	50.76052	19.83077	30.92975	29.74474	8
1666.605	1667.268	1306.268	91.69911	81.23596	92.20652	95.60499	32.04529	11.75089	56.20382	23.96368	32.24014	28.33174	8
1666.61	1667.272	1306.272	91.1327	60.71114	91.2625	91.98231	40.45985	8.289424	51.25072	23.31247	27.93825	29.56999	8
1666.615	1667.276	1306.276	93.97655	68.66207	92.90273	91.1681	45.24747	4.762497	49.99003	23.67435	26.31568	30.65416	8
1666.62	1667.28	1306.28	101.0803	122.5641	100.0065	96.90301	25.66774	11.86697	62.46529	31.48691	30.97838	29.45448	8
1666.625	1667.285	1306.285	97.91784	73.42427	96.85581	95.41618	40.37759	6.923033	52.69938	32.3964	20.30298	30.1722	8
1666.63	1667.289	1306.289	101.9181	98.62775	101.5405	99.75867	25.29388	15.7816	58.92452	30.93873	27.98579	29.07665	8
1666.635	1667.293	1306.293	100.1835	67.18606	100.1363	100.7499	31.93798	14.48422	53.57781	36.16433	17.41347	28.92437	8
1666.64	1667.297	1306.297	97.23342	57.48063	97.22162	98.48425	36.72639	11.57724	51.69637	31.70491	19.99146	29.22823	8
1666.645	1667.301	1306.301	99.34567	62.03397	99.13326	98.94446	35.2359	12.31795	52.44615	31.34052	21.10563	29.3748	8
1666.65	1667.305	1306.305	100.3841	71.18241	100.1717	99.85308	32.06663	13.79512	54.13825	21.95517	32.18309	29.12968	8
1666.655	1667.309	1306.309	97.89424	66.30881	97.48123	96.57261	37.09139	10.26644	52.64217	25.57765	27.06453	29.68346	8
1666.66	1667.313	1306.313	98.95626	45.5612	98.36624	94.82617	42.50703	8.501934	48.99104	33.61206	15.37898	30.89232	8
1666.665	1667.317	1306.317	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1667.015	1667.599	1306.599	130.4983	70.59758	131.0057	130.2269	0	96.04506	3.95494	3.95494	0	-9999	3
1667.02	1667.603	1306.603	136.6816	83.99302	137.1182	135.6196	0	100	0	0	0	-9999	3
1667.025	1667.607	1306.607	135.773	67.4367	136.658	137.8145	0	100	0	0	0	-9999	3
1667.03	1667.611	1306.611	134.6048	75.80537	135.8674	137.13	0	100	0	0	0	-9999	3
1667.035	1667.615	1306.615	135.4308	61.11495	135.6196	137.071	0	100	0	0	0	-9999	3
1667.04	1667.619	1306.619	135.9736	65.94677	136.5164	139.7143	0	100	0	0	0	-9999	3
1667.045	1667.623	1306.623	134.8408	69.09373	135.4426	137.8263	0	100	0	0	0	-9999	3
1667.05	1667.627	1306.627	135.6668	59.47185	136.835	138.3219	0	100	0	0	0	-9999	3
1667.055	1667.631	1306.631	135.5016	53.91594	136.304	137.1418	0	100	0	0	0	-9999	3
1667.06	1667.635	1306.635	133.3422	67.89622	133.5782	133.0472	0	100	0	0	0	-9999	3
1667.065	1667.64	1306.64	129.0469	83.39426	129.5071	130.8287	0	88.55156	11.44844	11.44844	0	-9999	3
1667.07	1667.644	1306.644	125.8844	42.87376	126.3092	126.8638	10.51863	71.61907	17.86231	2.662329	15.19998	21.45978	3
1667.075	1667.648	1306.648	125.5186	46.67517	125.8962	126.0968	10.30103	69.30998	20.38899	1.202006	19.18698	21.93354	3
1667.08	1667.652	1306.652	125.2472	54.73749	125.4124	124.374	10.24578	63.67163	26.08259	22.65529	3.427299	23.00345	3
1667.085	1667.656	1306.656	126.2266	70.58366	126.3092	125.4832	6.150104	66.0518	27.7981	27.7981	0	-9999	3
1667.09	1667.66	1306.66	127.3712	68.94056	127.2768	126.6868	6.866458	65.285	27.84855	22.97063	4.87792	-9999	3
1667.095	1667.664	1306.664	126.5452	74.66356	126.4508	124.5038	6.241428	62.8945	30.86408	22.03858	8.825494	-9999	3
1667.1	1667.668	1306.668	122.6747	110.8396	124.0908	124.6454	0	86.80252	13.19748	13.19748	0	-9999	3
1667.105	1667.672	1306.672	120.7631	94.24151	121.6953	123.4654	0	67.85199	32.14801	32.14801	0	-9999	3
1667.11	1667.676	1306.676	120.5271	90.28693	121.3885	121.8723	0.589644	65.36207	34.04829	34.04829	0	-9999	3
1667.115	1667.68	1306.68	120.0905	88.797	120.6215	123.6778	3.91254	57.44512	38.64234	38.64234	0	-9999	3
1667.12	1667.684	1306.684	117.8366	88.01722	118.7453	120.1967	3.248324	57.562	39.18968	39.18968	0	-9999	3
1667.125	1667.688	1306.688	117.0342	88.54636	117.1286	117.2938	10.16868	41.92276	47.90856	45.87716	2.031408	26.5523	3
1667.13	1667.692	1306.692	116.4088	77.92191	116.5032	116.869	13.31517	39.85266	46.83217	29.86338	16.96879	26.49855	3
1667.135	1667.696	1306.696	114.8276	68.78739	115.0164	115.866	16.24885	37.3576	46.39356	24.59087	21.80269	26.58001	3
1667.14	1667.7	1306.7	116.043	66.04425	116.2672	116.456	15.52014	40.26687	44.21299	28.19344	16.01954	26.32716	3
1667.145	1667.704	1306.704	117.9074	50.71329	118.1199	118.1199	17.6064	43.31343	39.08017	19.28265	19.79752	25.70491	3
1667.15	1667.708	1306.708	118.5801	65.69613	118.9931	117.8956	11.80706	49.47736	38.71557	18.44516	20.27041	25.53396	3
1667.155	1667.712	1306.712	120.4209	48.17902	120.9873	121.6599	13.16376	56.38182	30.45442	10.84469	19.60973	23.98792	3
1667.16	1667.716	1306.716	118.7335	81.89041	119.5831	121.7307	4.363199	58.81115	36.82565	35.16167	1.663979	-9999	3
1667.165	1667.72	1306.72	118.4503	72.28246	118.7453	120.1259	11.24711	47.52051	41.23238	32.05184	9.18054	25.39563	3
1667.17	1667.724	1306.724	117.8956	88.69953	118.7453	119.2999	3.486185	56.75657	39.75724	39.75724	0	-9999	3
1667.175	1667.728	1306.728	117.7068	120.9349	117.2466	117.9192	6.01008	36.53771	57.45222	55.86438	1.587839	-9999	3
1667.18	1667.732	1306.732	118.8397	87.43239	119.6539	121.6953	3.198689	58.86667	37.93464	37.93464	0	-9999	3
1667.185	1667.736	1306.736	118.8043	57.56418	119.0993	119.7837	14.48325	47.43138	38.08537	15.12776	22.95762	25.20092	3
1667.19	1667.74	1306.74	120.9519	63.87201	121.5891	123.194	8.328815	60.50283	31.16836	15.85088	15.31748	23.73602	3
1667.195	1667.744	1306.744	119.0403	60.9757	119.1465	118.0254	14.90376	44.90756	40.18867	23.29458	16.8941	25.80317	3
1667.2	1667.748	1306.748	117.3528	61.11495	118.4739	121.1053	8.557646	57.94607	33.49629	18.81309	14.6832	24.25088	3
1667.205	1667.752	1306.752	116.4442	57.66165	116.7392	118.4031	16.6309	41.7006	41.6685	30.70641	10.96209	25.77345	3
1667.21	1667.756	1306.756	117.459	55.11346	117.931	118.1553	14.94215	46.85543	38.20242	15.95887	22.24355	25.44092	3
1667.215	1667.761	1306.761	115.276	50.46265	115.7834	117.1522	17.80169	41.78425	40.41405	18.26223	22.15182	25.83184	3
1667.22	1667.765	1306.765	113.8246	60.85038	114.3084	116.3852	16.80608	38.90995	44.28397	26.16617	18.1178	26.19903	3
1667.225	1667.769	1306.769	116.6802	58.09332	117.1876	118.3559	14.66318	45.67263	39.66419	26.73881	12.92538	25.50183	3
1667.23	1667.773	1306.773	116.456	81.13848	117.3646	115.6182	6.183157	53.12081	40.69603	40.69603	0	-9999	3
1667.235	1667.777	1306.777	116.9162	56.1578	117.0578	116.7392	17.74946	40.23159	42.01895	16.36768	25.65127	26.21501	3
1667.24	1667.781	1306.781	117.0224	79.25867	118.0963	117.3292	4.836648	57.36224	37.80111	35.33184	2.469275	-9999	3
1667.245	1667.785	1306.785	116.3852	82.01573	116.9398	114.4028	8.779557	47.30808	43.91237	34.70472	9.207651	26.59773	3
1667.25	1667.789	1306.789	116.6802	69.41399	117.5416	116.338	9.180023	52.18285	38.63713	29.305	9.332135	25.67496	3

1667.255	1667.793	1306.793	117.6478	55.21093	118.1907	118.7807	14.19615	48.54256	37.26129	14.01683	23.24445	25.20479	3
1667.26	1667.797	1306.797	118.7335	69.49754	119.3235	121.0581	9.374215	53.29702	37.32877	37.32877	0	24.77092	3
1667.265	1667.801	1306.801	117.6714	50.99178	118.0136	118.8397	16.75016	44.93974	38.3101	24.98244	13.32766	25.42079	3
1667.27	1667.805	1306.805	119.5831	55.83754	119.9725	122.2263	13.45297	51.10322	35.44381	17.8376	17.60621	24.45071	3
1667.275	1667.809	1306.809	119.5595	37.4014	119.9017	120.5035	18.30203	48.92274	32.77522	6.665153	26.11007	24.68521	3
1667.28	1667.813	1306.813	118.9813	43.41682	119.4415	120.5035	16.46374	49.89728	33.63898	7.07167	26.56731	24.64611	3
1667.285	1667.817	1306.817	118.1435	39.30907	118.9931	119.9371	15.21069	54.15541	30.63389	24.09543	6.538458	24.29593	3
1667.29	1667.821	1306.821	114.2022	38.47359	114.9102	115.7834	20.13628	41.4162	38.44752	20.1656	18.28192	25.9311	3
1667.295	1667.825	1306.825	109.7417	32.65312	110.2137	110.0249	27.47752	28.96893	43.55355	26.48157	17.07197	27.65128	3
1667.3	1667.829	1306.829	102.0951	33.82279	102.3193	103.9478	36.14979	16.09465	47.75557	15.89695	31.85861	28.97876	9
1667.305	1667.833	1306.833	101.6703	31.51131	101.7411	102.2839	38.28886	14.33578	47.37536	27.24789	20.12747	29.47309	9
1667.31	1667.837	1306.837	102.4137	36.98366	102.2603	102.0007	38.0182	13.75079	48.23101	20.98013	27.25089	29.62472	9
1667.315	1667.841	1306.841	102.1069	37.61027	102.0361	102.7677	37.50866	14.12169	48.36966	29.82308	18.54658	29.37106	9
1667.32	1667.845	1306.845	101.2219	35.24309	101.1865	101.4225	38.62138	13.3699	48.00873	17.82681	30.18192	29.60766	9
1667.325	1667.849	1306.849	101.9417	38.16725	101.7647	100.5021	38.34892	13.20588	48.44519	29.19139	19.2538	29.86763	9
1667.33	1667.853	1306.853	100.0419	50.00314	99.72327	98.38985	38.32991	11.36185	50.30823	22.17496	28.13327	29.92477	9
1667.335	1667.857	1306.857	101.5287	54.38938	101.0921	99.72327	36.81508	12.04021	51.14471	20.60051	30.5442	29.78219	9
1667.34	1667.861	1306.861	102.8857	61.58838	102.0243	100.6791	37.11672	10.43899	52.44429	30.02221	22.42209	29.91583	9
1667.345	1667.865	1306.865	106.0718	112.065	104.8328	103.4757	24.89667	13.00598	62.09735	35.24675	26.85061	29.264	9
1667.35	1667.869	1306.869	102.7323	119.7095	101.9299	100.9859	22.73527	14.69503	62.5697	38.33054	24.23915	28.97431	9
1667.355	1667.873	1306.873	106.8978	102.8469	106.5792	106.5792	19.23426	21.46547	59.30027	33.6822	25.61807	28.46835	9
1667.36	1667.878	1306.878	117.4236	133.3417	117.2702	117.341	0.890436	41.78231	57.32725	57.32725	0	-9999	9
1667.365	1667.882	1306.882	121.5419	204.1203	121.6481	120.7395	0	61.07093	38.92907	38.92907	0	-9999	9
1667.37	1667.886	1306.886	117.8012	210.9573	118.1081	122.8281	0	55.46282	44.53718	44.53718	0	-9999	9
1667.375	1667.89	1306.89	115.6772	230.0339	116.1374	117.9074	0	54.12368	45.87632	45.87632	0	-9999	9
1667.38	1667.894	1306.894	105.9892	295.7022	105.8594	103.3931	0	35.19871	64.80129	64.80129	0	-9999	9
1667.385	1667.898	1306.898	97.25702	167.8468	95.959	94.12996	19.96432	11.65126	68.38442	42.05309	26.33133	28.94198	9
1667.39	1667.902	1306.902	96.53721	131.5872	95.35718	94.12996	28.48685	9.545008	61.96814	26.11991	35.84823	28.95621	9
1667.395	1667.906	1306.906	104.3962	189.2767	103.2751	106.0246	6.838489	18.08159	75.07992	68.78463	6.295288	-9999	9
1667.4	1667.91	1306.91	110.9453	167.067	110.7211	114.0606	0	31.94904	68.05096	68.05096	0	-9999	9
1667.405	1667.914	1306.914	111.7359	174.4888	111.7005	113.5768	0	35.90399	64.09601	64.09601	0	-9999	9
1667.41	1667.918	1306.918	101.3517	136.5444	100.6791	100.1953	18.92545	15.76836	65.30618	50.29055	15.01564	28.85913	9
1667.415	1667.922	1306.922	94.76717	93.86554	94.20076	93.25674	34.48843	9.34545	56.16612	30.82074	25.34538	29.27678	9
1667.42	1667.926	1306.926	89.79927	82.1689	89.78747	92.00591	37.59125	8.370565	54.03818	26.45587	27.58232	28.81271	9
1667.425	1667.93	1306.93	93.38654	77.55987	93.15054	92.97353	37.14393	9.095409	53.76066	31.10226	22.6584	29.37529	9
1667.43	1667.934	1306.934	102.2957	85.07914	102.0715	103.1571	27.03637	16.34807	56.61556	38.56351	18.05205	28.55328	9
1667.435	1667.938	1306.938	106.9686	91.9161	106.7562	106.4966	20.99131	21.81904	57.18966	39.07614	18.11352	28.43144	9
1667.44	1667.942	1306.942	109.8125	97.16567	109.6119	109.3995	17.01311	25.91164	57.07526	38.92653	18.14873	28.17353	9
1667.445	1667.946	1306.946	112.4911	94.33898	112.3849	111.4881	14.50119	30.83268	54.66613	37.28316	17.38297	27.88066	9
1667.45	1667.95	1306.95	111.9011	92.86297	111.7241	112.5973	15.94991	28.92098	55.12912	41.38967	13.73945	27.67589	9
1667.455	1667.954	1306.954	114.5444	99.95058	114.4264	113.5178	11.34565	34.55604	54.09831	48.49297	5.605344	27.65598	9
1667.46	1667.958	1306.958	115.276	100.1316	115.4648	115.8896	8.25101	40.39648	51.35251	40.59369	10.75882	27.0298	9
1667.465	1667.962	1306.962	115.04	94.54785	114.8276	113.8364	12.92877	33.73691	53.33433	43.49066	9.843661	27.59101	9
1667.47	1667.966	1306.966	110.0485	97.37453	109.4467	112.1607	19.8548	21.823	58.32219	35.79381	22.52838	27.89241	9
1667.475	1667.97	1306.97	108.8921	117.7462	108.1132	107.9952	17.36055	20.07481	62.56464	49.61435	12.95029	28.69225	9
1667.48	1667.974	1306.974	106.8742	106.5926	105.883	105.7768	23.56227	15.43826	60.99947	30.25858	30.74089	28.87404	9
1667.485	1667.978	1306.978	110.5441	100.2848	110.0721	110.9335	17.68859	24.06118	58.25023	37.38672	20.8635	28.10631	9
1667.49	1667.982	1306.982	114.9456	96.28842	114.9338	117.8956	11.03972	36.55692	52.40337	41.90624	10.49713	26.71864	9
1667.495	1667.986	1306.986	112.3731	111.1459	112.3495	115.0636	9.902305	32.81739	57.28031	47.22669	10.05362	27.42945	9
1667.5	1667.99	1306.99	105.6234	77.93583	105.5408	104.5496	24.60617	20.50198	54.89185	29.68897	25.20288	28.63867	9
1667.505	1667.995	1306.995	102.8149	67.18606	102.3665	100.7735	32.6264	13.90077	53.47282	21.22869	32.24413	29.42666	9
1667.51	1667.999	1306.999	97.29242	71.23811	95.84099	93.26854	44.49993	4.292848	51.20722	17.31378	33.89344	30.90986	9
1667.515	1668.003	1307.003	95.15658	53.721	94.47216	93.82315	44.75967	6.240617	48.99971	23.43965	25.56005	30.51968	9
1667.52	1668.007	1307.007	98.30724	76.68262	97.30422	93.75235	38.77355	7.689658	53.53679	21.09865	32.43814	30.37787	9
1667.525	1668.011	1307.011	99.66427	84.09049	98.82645	97.18622	34.45205	9.984695	55.56325	30.23532	25.32793	29.62627	9
1667.53	1668.015	1307.015	99.80587	113.9726	98.43705	96.73781	31.20564	8.698977	60.09538	34.3692	25.72618	29.42515	9
1667.535	1668.019	1307.019	99.20406	95.53649	98.03584	94.51937	34.66617	8.420114	56.91372	29.78655	27.12716	29.99045	9
1667.54	1668.023	1307.023	100.9741	85.85891	100.7971	99.41647	27.69775	15.54521	56.75704	40.02054	16.7365	29.05036	9
1667.545	1668.027	1307.027	103.2043	86.81971	103.2515	104.29	23.67583	19.49087	56.8333	25.71131	31.12199	28.34722	9
1667.55	1668.031	1307.031	105.6706	84.61963	105.5172	107.1456	23.49398	20.3714	56.13462	37.17235	18.96227	28.16668	9
1667.555	1668.035	1307.035	105.7178	100.619	105.4464	107.0394	20.49323	20.44631	59.06045	46.22863	12.83182	28.21622	9
1667.56	1668.039	1307.039	107.9834	90.23123	107.6884	107.2518	21.10557	22.10629	56.78814	27.00564	29.7825	28.42646	9
1667.565	1668.043	1307.043	109.5411	97.5834	109.1871	108.9157	18.35058	23.91049	57.73892	41.25942	16.4795	28.31177	9
1667.57	1668.047	1307.047	109.0691	93.85162	108.8213	109.0573	18.86486	24.18949	56.94565	42.47713	14.46852	28.17602	9
1667.575	1668.051	1307.051	109.2225	96.49729	109.3995	111.3465	14.79121	29.14837	56.06043	39.83572	16.2247	27.61899	9
1667.58	1668.055	1307.055	107.3698	104.6014	107.1102	109.5057	17.91816	22.69445	59.38739	43.82229	15.5651	27.9743	9
1667.585	1668.059	1307.059	109.5057	97.8062	109.4467	109.5411	16.04294	27.08	56.87706	41.80685	15.07021	28.06789	9
1667.59	1668.063	1307.063	112.5501	106.9964	112.9867	115.0282	7.177023	38.76621	54.05677	54.05677	0	-9999	9
1667.595	1668.067	1307.067	114.8748	147.0574	115.04	118.2733	0	42.39579	57.60421	57.60421	0	-9999	9
1667.6	1668.071	1307.071	118.0254	161.8314	118.8869	126.2856	0	62.28225	37.71775	37.71775	0	-9999	9
1667.605	1668.075	1307.075	120.9755	169.7545	122.6393	120.5507	0	88.87049	11.12951	11.12951	0	-9999	9
1667.61	1668.079	1307.079	122.7927	151.1791	124.5274	122.0257	0	97.38206	2.617936	2.617936	0	-9999	9
1667.615	1668.083	1307.083	125.1292	146.3612	126.38	121.9903	0	96.37572	3.624279	3.624279	0	-9999	9

1667.62	1668.087	1307.087	129.0823	141.9889	130.6163	130.1325	0	100	0	0	0	-9999	9
1667.625	1668.091	1307.091	125.5068	195.4731	126.616	132.9764	0	97.8287	2.171299	2.171299	0	-9999	9
1667.63	1668.095	1307.095	114.8158	169.8659	113.0575	111.7123	6.888272	17.39477	75.71696	74.43966	1.277298	-9999	9
1667.635	1668.099	1307.099	109.0455	199.2467	105.4936	105.6588	18.98749	0	81.01251	44.67666	36.33585	29.02133	9
1667.64	1668.103	1307.103	106.7798	219.4791	102.4727	96.1832	22.02856	0	77.97144	47.77235	30.19909	24.68625	9
1667.645	1668.107	1307.107	103.759	177.0509	99.82947	96.46641	32.14891	0	67.85109	34.95934	32.89175	25.64964	3
1667.65	1668.111	1307.111	116.9516	403.924	116.3498	101.8591	0	52.09911	47.90089	47.90089	0	-9999	3
1667.655	1668.116	1307.116	121.8133	426.9413	122.2263	112.1725	0	83.16855	16.83145	16.83145	0	-9999	3
1667.66	1668.12	1307.12	107.5232	362.5959	101.7175	95.86459	0	0	100	100	0	-9999	3
1667.665	1668.124	1307.124	108.9983	469.1188	100.7499	97.92964	0	0	100	100	0	-9999	3
1667.67	1668.128	1307.128	118.8043	382.146	113.6004	111.7595	0	0	100	100	0	-9999	3
1667.675	1668.132	1307.132	123.902	233.0556	121.3885	120.3855	0	14.39372	85.60628	85.60628	0	-9999	3
1667.68	1668.136	1307.136	119.0049	99.07333	118.8043	117.3174	8.094456	42.00007	49.90548	49.90548	0	26.94379	3
1667.685	1668.14	1307.14	111.9365	74.20405	112.7153	114.4618	13.02519	39.72281	47.25199	38.81878	8.433215	26.57106	3
1667.69	1668.144	1307.144	119.3589	96.49729	118.8869	117.7068	10.49557	37.81361	51.69083	31.65559	20.03524	27.11238	3
1667.695	1668.148	1307.148	122.0729	45.36626	121.4711	121.0817	21.37831	37.47871	41.14298	26.33243	14.81055	25.99735	3
1667.7	1668.152	1307.152	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1668	1668.394	1307.394	147.2901	49.22336	145.6616	143.8916	5.201459	74.61154	20.187	17.59321	2.593788	-9999	3
1668.005	1668.398	1307.398	147.2074	38.33435	146.1808	145.6734	2.844685	87.56789	9.587423	9.587423	0	-9999	3
1668.01	1668.402	1307.402	145.4964	31.58093	145.2722	145.6144	0.153281	64.32284	35.52387	35.52387	0	-9999	3
1668.015	1668.406	1307.406	146.405	67.19999	145.6852	144.7766	0	100	0	0	0	-9999	3
1668.02	1668.41	1307.41	154.2404	63.76062	154.1696	152.199	0	100	0	0	0	-9999	3
1668.025	1668.414	1307.414	150.0159	31.41384	149.6501	149.9569	0	100	0	0	0	-9999	3
1668.03	1668.418	1307.418	145.402	41.96866	144.3518	143.986	3.982544	94.53099	1.486466	1.486466	0	-9999	3
1668.035	1668.422	1307.422	143.4432	42.05221	142.2041	142.3929	7.458095	81.92681	10.61509	7.12913	3.485964	-9999	3
1668.04	1668.426	1307.426	143.691	36.45453	142.7706	142.4166	5.493556	89.82928	4.677163	4.677163	0	-9999	3
1668.045	1668.43	1307.43	142.1923	38.02801	141.2247	140.8471	7.479318	90.80132	1.719358	0	1.719358	-9999	3
1668.05	1668.434	1307.434	141.4725	26.60986	141.1539	140.9887	4.868081	82.86254	12.26938	12.26938	0	-9999	3
1668.055	1668.438	1307.438	141.1893	23.76925	140.8471	140.0211	5.964087	85.13109	8.904825	8.904825	0	-9999	3
1668.06	1668.442	1307.442	139.5255	24.75789	139.4665	137.8971	5.025545	82.3536	12.62086	6.996312	5.624545	-9999	3
1668.065	1668.446	1307.446	138.6287	22.01475	138.5343	138.5579	6.900749	87.73253	5.366722	2.573238	2.793484	-9999	3
1668.07	1668.45	1307.45	137.5431	21.58309	137.5312	137.1182	7.486189	89.88383	2.629983	1.41637	1.213612	-9999	3
1668.075	1668.454	1307.454	137.9089	21.26282	137.9207	137.6375	6.889385	87.35341	5.757204	3.527095	2.230108	-9999	3
1668.08	1668.458	1307.458	137.6021	30.81508	137.7201	137.7909	4.265065	84.71937	11.01557	11.01557	0	-9999	3
1668.085	1668.462	1307.462	138.0033	24.07559	137.8853	137.6493	7.430966	91.45547	1.113564	0	1.113564	-9999	3
1668.09	1668.466	1307.466	140.4105	32.61135	140.2807	140.2571	3.171478	80.56888	16.25964	16.25964	0	-9999	3
1668.095	1668.471	1307.471	140.6111	21.01218	140.3633	141.3309	6.302469	84.33294	9.364591	4.465809	4.898782	-9999	3
1668.1	1668.475	1307.475	138.2983	19.70327	138.1921	139.7379	7.924261	89.83943	2.236304	0	2.236304	-9999	3
1668.105	1668.479	1307.479	137.6375	22.52996	137.484	138.2865	8.087016	88.76912	3.143865	0	3.143865	37.42554	3
1668.11	1668.483	1307.483	136.422	27.90484	136.6344	136.894	5.309729	87.15004	7.540233	7.540233	0	-9999	3
1668.115	1668.487	1307.487	137.3896	27.48711	137.2126	136.894	7.354106	88.37558	4.270318	0	4.270318	-9999	3
1668.12	1668.491	1307.491	137.9797	22.61351	137.5903	137.3778	8.748705	79.95699	11.2943	0	11.2943	39.0685	3
1668.125	1668.495	1307.495	139.0181	35.46589	138.9473	139.6671	3.437336	84.46928	12.09338	12.09338	0	-9999	3
1668.13	1668.499	1307.499	137.9089	32.59742	137.6257	138.2747	6.58101	88.57207	4.846922	3.130658	1.716264	-9999	3
1668.135	1668.503	1307.503	134.888	51.53484	135.8674	138.1567	0	100	0	0	0	-9999	3
1668.14	1668.507	1307.507	134.0266	71.55838	136.4102	139.2541	0	100	0	0	0	-9999	3
1668.145	1668.511	1307.511	135.6314	50.56012	136.7996	137.5903	0	100	0	0	0	-9999	3
1668.15	1668.515	1307.515	137.0238	36.90012	137.5076	138.0269	0.96068	76.32242	22.7169	22.7169	0	-9999	3
1668.155	1668.519	1307.519	137.2834	27.08329	137.4014	137.8617	5.379244	86.33652	8.284239	8.284239	0	-9999	3
1668.16	1668.523	1307.523	138.7113	35.076	138.6995	139.1125	3.34478	83.85665	12.79857	12.79857	0	-9999	3
1668.165	1668.527	1307.527	136.9412	53.53998	137.8971	139.0771	0	100	0	0	0	-9999	3
1668.17	1668.531	1307.531	137.9325	41.70409	138.0269	138.2039	1.902254	83.5006	14.59714	14.59714	0	-9999	3
1668.175	1668.535	1307.535	134.0148	55.65652	134.6638	135.6432	0	100	0	0	0	-9999	3
1668.18	1668.539	1307.539	132.3509	68.35573	132.9764	135.8674	0	100	0	0	0	-9999	3
1668.185	1668.543	1307.543	127.0644	124.792	129.8847	133.1416	0	100	0	0	0	-9999	3
1668.19	1668.547	1307.547	129.7667	75.55473	130.9703	132.5869	0	100	0	0	0	-9999	3
1668.195	1668.551	1307.551	129.8611	56.79833	130.7933	132.0677	0	100	0	0	0	-9999	3
1668.2	1668.555	1307.555	129.5543	49.29299	130.1561	129.8847	4.217108	92.9276	2.855287	2.855287	0	-9999	3
1668.205	1668.559	1307.559	128.2681	109.656	130.5101	132.7994	0	100	0	0	0	-9999	3
1668.21	1668.563	1307.563	128.2563	120.6843	129.5661	128.9761	0	100	0	0	0	-9999	3
1668.215	1668.567	1307.567	128.1265	59.95921	129.2357	130.2269	0	100	0	0	0	-9999	3
1668.22	1668.571	1307.571	129.6369	52.1893	130.1561	132.0323	4.080371	90.98019	4.939438	4.939438	0	-9999	3
1668.225	1668.575	1307.575	129.9791	50.82469	130.7343	131.4777	2.168432	95.6308	2.200763	2.200763	0	-9999	3
1668.23	1668.579	1307.579	130.6989	98.18216	133.236	135.0178	0	100	0	0	0	-9999	3
1668.235	1668.583	1307.583	134.6756	81.02709	134.9942	135.7848	0	100	0	0	0	-9999	3
1668.24	1668.588	1307.588	136.3748	48.74993	136.363	136.7878	2.658834	93.98067	3.3605	3.3605	0	-9999	3
1668.245	1668.592	1307.592	133.531	48.37396	133.7198	132.0323	3.688078	91.68944	4.622477	3.411326	1.211152	-9999	3
1668.25	1668.596	1307.596	130.3685	92.68195	131.5957	131.4777	0	100	0	0	0	-9999	3
1668.255	1668.6	1307.6	133.118	76.97504	133.9204	132.941	0	100	0	0	0	-9999	3
1668.26	1668.604	1307.604	130.9113	104.7685	132.4925	131.8907	0	100	0	0	0	-9999	3
1668.265	1668.608	1307.608	130.4629	116.3398	133.2832	134.9942	0	100	0	0	0	-9999	3
1668.27	1668.612	1307.612	129.2003	140.6243	132.4335	135.9736	0	100	0	0	0	-9999	3
1668.275	1668.616	1307.616	128.4333	155.44	132.0087	134.298	0	100	0	0	0	-9999	3

1668.28	1668.62	1307.62	127.0762	114.8081	129.2357	132.3509	0	100	0	0	0	-9999	3
1668.285	1668.624	1307.624	125.1292	126.5883	127.5364	133	0	100	0	0	0	-9999	3
1668.29	1668.628	1307.628	121.1053	167.805	123.6542	126.8992	0	100	0	0	0	-9999	3
1668.295	1668.632	1307.632	116.043	109.294	116.4324	113.4234	3.77338	45.73504	50.49158	49.35287	1.138714	-9999	3
1668.3	1668.636	1307.636	107.24	139.9559	104.7738	101.6467	26.5833	4.750945	68.66576	34.33583	34.32993	30.25344	3
1668.305	1668.64	1307.64	101.8827	122.4805	99.10966	95.959	38.1188	0.780547	61.10065	35.96045	25.1402	30.62988	3
1668.31	1668.644	1307.644	99.33386	63.48213	98.29544	96.2894	41.29794	7.130739	51.57133	35.74289	15.82844	30.46569	3
1668.315	1668.648	1307.648	101.7765	116.117	100.6201	97.62283	27.22757	11.26087	61.51155	33.54605	27.9655	29.51757	3
1668.32	1668.652	1307.652	112.0663	211.1244	115.1698	117.1522	0	81.16247	18.83753	18.83753	0	-9999	3
1668.325	1668.656	1307.656	114.9692	224.854	117.223	126.5334	0	79.80266	20.19734	20.19734	0	-9999	3
1668.33	1668.66	1307.66	120.3383	267.5328	122.5803	116.9162	0	100	0	0	0	-9999	3
1668.335	1668.664	1307.664	119.5595	256.5185	116.81	117.0106	0	10.92918	89.07082	89.07082	0	-9999	3
1668.34	1668.668	1307.668	118.9931	271.5988	114.981	109.1281	0	0	100	100	0	-9999	3
1668.345	1668.672	1307.672	108.6679	130.1948	107.3934	104.7266	18.39524	15.74347	65.86128	36.07721	29.78407	29.4857	3
1668.35	1668.676	1307.676	110.4733	126.5047	110.4261	111.1341	8.11623	30.56417	61.3196	49.975	11.3446	28.29894	-9999
1668.355	1668.68	1307.68	119.7129	172.2887	119.9607	118.9813	0	56.69772	43.30228	43.30228	0	-9999	-9999
1668.36	1668.684	1307.684	120.1731	127.006	120.1967	119.8073	0	50.66011	49.33989	49.33989	0	-9999	-9999
1668.365	1668.688	1307.688	119.7719	152.307	119.6303	117.341	0	48.35763	51.64237	51.64237	0	-9999	-9999
1668.37	1668.692	1307.692	119.1111	144.3421	119.1937	120.1849	0	50.28783	49.71217	49.71217	0	-9999	-9999
1668.375	1668.696	1307.696	120.5507	143.3395	120.9873	122.8871	0	60.66973	39.33027	39.33027	0	-9999	-9999
1668.38	1668.7	1307.7	118.4267	130.6682	118.8869	119.0049	0	54.28343	45.71657	45.71657	0	-9999	-9999
1668.385	1668.704	1307.704	114.627	94.28328	114.7922	113.2464	10.4463	38.33521	51.21849	35.95978	15.25871	27.41727	-9999
1668.39	1668.709	1307.709	109.3877	86.3602	109.2579	108.184	19.47015	25.37228	55.15757	34.08263	21.07494	28.26928	-9999
1668.395	1668.713	1307.713	105.6116	120.8931	105.588	104.054	13.7641	23.91859	62.31732	43.89741	18.4199	28.86075	-9999
1668.4	1668.717	1307.717	106.5556	135.1797	106.2606	104.6086	11.54163	23.48557	64.9728	50.3383	14.6345	29.08991	-9999
1668.405	1668.721	1307.721	107.3816	144.1611	107.1574	102.9565	8.0595	25.72329	66.21721	47.24498	18.97223	29.72516	-9999
1668.41	1668.725	1307.725	108.3493	139.0786	108.2194	108.1368	7.667632	27.53721	64.79516	51.83421	12.96096	-9999	-9999
1668.415	1668.729	1307.729	109.5883	129.1365	109.7299	109.4939	6.830335	31.52438	61.64529	61.64529	0	-9999	-9999
1668.42	1668.733	1307.733	110.7329	139.7888	110.5559	111.1341	5.668626	30.3493	63.98208	52.64258	11.3395	-9999	-9999
1668.425	1668.737	1307.737	111.7005	134.2329	111.5589	111.8539	5.848589	31.83698	62.31443	48.35558	13.95885	-9999	-9999
1668.43	1668.741	1307.741	110.1783	119.0133	110.0249	111.5117	11.02363	28.42142	60.55496	41.7153	18.83965	28.06151	-9999
1668.435	1668.745	1307.745	109.2343	105.5761	109.4231	110.4733	12.49182	29.90799	57.60018	34.42896	23.17122	27.88762	-9999
1668.44	1668.749	1307.749	108.5971	114.641	108.5971	107.9952	12.34759	27.56838	60.08404	38.01791	22.06612	28.44362	-9999
1668.445	1668.753	1307.753	108.1958	118.1082	108.0896	107.0394	12.7007	26.16268	61.13663	49.53345	11.60318	28.63237	-9999
1668.45	1668.757	1307.757	104.2192	151.2626	103.877	100.6555	10.16492	21.71493	68.12015	46.50605	21.6141	29.6313	-9999
1668.455	1668.761	1307.761	100.9859	194.0807	101.1511	98.57865	0	25.30893	74.69107	74.69107	0	-9999	-9999
1668.46	1668.765	1307.765	99.69967	191.3654	99.71147	99.45187	1.874423	22.83292	75.29266	75.29266	0	-9999	-9999
1668.465	1668.769	1307.769	98.75565	210.1218	99.68787	101.0331	0	29.30604	70.69396	70.69396	0	-9999	-9999
1668.47	1668.773	1307.773	98.82645	133.7873	99.68787	99.33386	10.02715	23.75978	66.21307	44.8302	21.38287	29.0531	-9999
1668.475	1668.777	1307.777	98.85005	121.4083	99.93568	102.5317	11.26356	24.46495	64.27149	50.03049	14.24099	28.38605	-9999
1668.48	1668.781	1307.781	97.31602	124.8895	98.28364	101.1865	12.74695	22.16807	65.08498	46.76912	18.31586	28.3232	-9999
1668.485	1668.785	1307.785	98.69665	115.6993	98.53145	96.99742	22.48018	15.72373	61.79608	39.21319	22.58289	28.94137	-9999
1668.49	1668.789	1307.789	101.1275	147.6422	101.3753	102.9211	9.312787	22.91943	67.76779	61.60232	6.165465	28.76253	-9999
1668.495	1668.793	1307.793	100.6909	145.5814	101.1865	102.2603	8.2927	24.10806	67.59924	55.18968	12.40956	28.90213	-9999
1668.5	1668.797	1307.797	96.313	105.033	96.0534	100.5375	27.98598	12.68659	59.32743	37.24587	22.08156	27.92781	-9999
1668.505	1668.801	1307.801	90.99109	94.26936	90.80229	90.20048	34.93824	9.087323	55.97444	33.49392	22.48052	29.08449	-9999
1668.51	1668.805	1307.805	90.90849	71.78117	90.80229	91.91151	39.81621	7.8797	52.30409	25.33546	26.96863	29.32373	-9999
1668.515	1668.809	1307.809	97.13902	82.1689	96.2422	94.92057	37.69757	8.061415	54.24101	34.87519	19.36583	29.77075	-9999
1668.52	1668.813	1307.813	86.03499	40.60405	85.29158	83.99355	56.7831	1.274895	41.94201	16.66829	25.27371	32.22792	-9999
1668.525	1668.817	1307.817	90.62529	85.52472	89.12666	87.67523	47.54214	2.948599	49.50926	15.43818	34.07108	30.5264	-9999
1668.53	1668.821	1307.821	96.47821	131.3366	94.33056	90.03527	36.10084	4.415969	59.48319	37.68739	21.7958	29.97113	-9999
1668.535	1668.826	1307.826	101.3517	214.3966	98.96806	94.31876	13.34572	9.466383	77.18789	64.10514	13.08276	30.05319	-9999
1668.54	1668.83	1307.83	110.0249	186.2412	111.2521	116.7156	0	48.69363	51.30637	51.30637	0	-9999	-9999
1668.545	1668.834	1307.834	104.703	409.4242	106.0954	114.6034	0	54.9701	45.0299	45.0299	0	-9999	-9999
1668.55	1668.838	1307.838	109.1871	327.5477	113.4824	116.3734	0	94.44322	5.55678	5.55678	0	-9999	-9999
1668.555	1668.842	1307.842	112.0191	242.1762	115.2288	119.5831	0	84.62698	15.37302	15.37302	0	-9999	-9999
1668.56	1668.846	1307.846	108.9275	254.4855	114.5444	118.3323	0	100	0	0	0	-9999	-9999
1668.565	1668.85	1307.85	114.1786	87.16782	115.276	116.7864	5.356078	50.28659	44.35733	44.35733	0	-9999	-9999
1668.57	1668.854	1307.854	112.0663	181.7157	114.5798	118.6037	0	70.72141	29.27859	29.27859	0	-9999	-9999
1668.575	1668.858	1307.858	112.6445	208.799	115.6182	119.6539	0	81.26588	18.73412	18.73412	0	-9999	-9999
1668.58	1668.862	1307.862	115.335	177.9003	117.341	118.2969	0	73.9314	26.0686	26.0686	0	-9999	-9999
1668.585	1668.866	1307.866	115.453	130.6125	117.0342	118.4739	0	64.29848	35.70152	35.70152	0	-9999	-9999
1668.59	1668.87	1307.87	114.1196	147.7397	116.7156	119.5123	0	76.90826	23.09174	23.09174	0	-9999	-9999
1668.595	1668.874	1307.874	110.3907	165.2847	112.0073	115.6064	0	52.88207	47.11793	47.11793	0	-9999	-9999
1668.6	1668.878	1307.878	114.7332	148.979	116.6684	117.9192	0	68.79467	31.20533	31.20533	0	-9999	-9999
1668.605	1668.882	1307.882	116.7274	201.1544	118.0845	120.4799	0	69.44317	30.55683	30.55683	0	-9999	-9999
1668.61	1668.886	1307.886	117.3882	240.8673	119.2409	119.2527	0	82.9962	17.0038	17.0038	0	-9999	-9999
1668.615	1668.89	1307.89	115.3232	208.0888	117.5534	121.7307	0	79.58102	20.41898	20.41898	0	-9999	-9999
1668.62	1668.894	1307.894	116.692	210.3864	118.4385	120.2793	0	76.55812	23.44188	23.44188	0	-9999	-9999
1668.625	1668.898	1307.898	118.8751	180.6574	120.5861	123.2766	0	81.99022	18.00978	18.00978	0	-9999	-9999
1668.63	1668.902	1307.902	118.7217	249.5701	118.5919	117.0106	0	52.76937	47.23063	47.23063	0	-9999	-9999
1668.635	1668.906	1307.906	117.2466	224.9236	118.2851	121.6599	0	67.26897	32.73103	32.73103	0	-9999	-9999
1668.64	1668.91	1307.91	118.8633	154.2286	119.6539	119.2763	0	63.01762	36.98238	36.98238	0	-9999	-9999

1668.645	1668.914	1307.914	113.6004	222.4311	114.4854	121.0581	0	54.9223	45.0777	45.0777	0	-9999	-9999
1668.65	1668.918	1307.918	116.1256	324.8185	115.9958	119.3943	0	52.50178	47.49822	47.49822	0	-9999	-9999
1668.655	1668.922	1307.922	119.1229	154.5349	119.0521	118.4267	0	48.28494	51.71506	51.71506	0	-9999	-9999
1668.66	1668.926	1307.926	119.5831	133.286	119.7483	122.0139	0	52.20817	47.79183	47.79183	0	-9999	-9999
1668.665	1668.93	1307.93	119.6185	136.0709	120.7867	123.4182	0	71.32891	28.67109	28.67109	0	-9999	-9999
1668.67	1668.934	1307.934	114.4736	190.0983	116.9398	118.6863	0	79.03637	20.96363	20.96363	0	-9999	-9999
1668.675	1668.938	1307.938	106.4022	205.2343	105.6234	104.2192	0	23.62429	76.37571	76.37571	0	-9999	-9999
1668.68	1668.942	1307.942	108.5263	274.5786	107.358	114.6506	0	26.42629	73.57371	73.57371	0	-9999	-9999
1668.685	1668.947	1307.947	116.9044	332.8948	119.6657	123.2766	0	100	0	0	0	-9999	-9999
1668.69	1668.951	1307.951	124.5982	277.7674	125.731	129.9909	0	99.85096	0.149044	0.149044	0	-9999	-9999
1668.695	1668.955	1307.955	136.658	119.6817	136.894	137.1418	0	100	0	0	0	-9999	-9999
1668.7	1668.959	1307.959	135.4426	99.21258	135.9264	136.3984	0	100	0	0	0	-9999	-9999
1668.705	1668.963	1307.963	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1669	1669.201	1308.201	133.59	16.55632	133.177	132.5869	16.29142	75.28617	8.422415	0	8.422415	19.10563	3
1669.005	1669.207	1308.207	136.3866	36.6634	136.599	136.5164	3.47946	86.86429	9.65625	9.65625	0	-9999	3
1669.01	1669.214	1308.214	139.4665	75.72182	139.9739	142.2749	0	100	0	0	0	-9999	3
1669.015	1669.22	1308.22	138.4871	126.1706	139.5373	142.747	0	100	0	0	0	-9999	3
1669.02	1669.227	1308.227	138.9001	197.4226	139.7733	150.4643	0	100	0	0	0	-9999	3
1669.025	1669.233	1308.233	137.9915	182.6904	136.8586	137.0002	0	75.19794	24.80206	24.80206	0	-9999	3
1669.03	1669.24	1308.24	134.3688	180.4485	133.9912	133.3068	0	90.93004	9.069955	9.069955	0	-9999	3
1669.035	1669.246	1308.246	135.3836	79.63463	136.0326	137.1418	0	100	0	0	0	-9999	3
1669.04	1669.253	1308.253	136.3276	66.8101	136.304	135.8202	0	100	0	0	0	-9999	3
1669.045	1669.259	1308.259	132.941	101.7886	133.2478	134.416	0	100	0	0	0	-9999	3
1669.05	1669.266	1308.266	134.18	80.06629	134.4396	134.9234	0	100	0	0	0	-9999	3
1669.055	1669.272	1308.272	136.2096	62.79982	136.245	135.6196	0	100	0	0	0	-9999	3
1669.06	1669.279	1308.279	132.1503	84.46646	132.2329	131.8671	0	90.87366	9.126338	9.126338	0	-9999	3
1669.065	1669.285	1308.285	131.3125	69.0798	131.2417	131.0293	3.023878	81.01007	15.96605	15.96605	0	-9999	3
1669.07	1669.292	1308.292	130.0971	81.90433	130.4747	131.9379	0	90.76526	9.234741	9.234741	0	-9999	3
1669.075	1669.298	1308.298	130.5101	118.2892	129.9555	129.0469	0	66.09703	33.90297	33.90297	0	-9999	3
1669.08	1669.305	1308.305	127.8787	115.8524	127.0644	125.8962	0.625529	50.89352	48.48095	48.48095	0	-9999	3
1669.085	1669.311	1308.311	132.9292	89.67425	132.8112	133.7434	0	87.84077	12.15923	12.15923	0	-9999	3
1669.09	1669.318	1308.318	134.8172	74.14835	134.8526	136.6462	0	100	0	0	0	-9999	3
1669.095	1669.324	1308.324	133.118	74.03695	133.4248	133.6018	0	100	0	0	0	-9999	3
1669.1	1669.331	1308.331	132.5161	88.95017	133.1652	132.0087	0	100	0	0	0	-9999	3
1669.105	1669.337	1308.337	126.1086	207.8103	129.1059	129.4835	0	100	0	0	0	-9999	3
1669.11	1669.344	1308.344	124.374	140.9306	125.1174	123.9728	0	80.21656	19.78344	19.78344	0	-9999	3
1669.115	1669.35	1308.35	124.846	129.1365	125.3416	122.8399	0	75.26921	24.73079	24.73079	0	-9999	3
1669.12	1669.357	1308.357	124.3504	135.1937	124.7398	126.1558	0	71.35418	28.64582	28.64582	0	-9999	3
1669.125	1669.363	1308.363	129.4481	132.3948	129.5779	131.5367	0	83.74277	16.25723	16.25723	0	-9999	3
1669.13	1669.37	1308.37	131.5839	111.0485	131.5485	132.823	0	86.16213	13.83787	13.83787	0	-9999	3
1669.135	1669.376	1308.376	136.1978	91.38697	136.8468	137.5785	0	100	0	0	0	-9999	3
1669.14	1669.383	1308.383	137.5431	98.34925	138.6287	140.1155	0	100	0	0	0	-9999	3
1669.145	1669.389	1308.389	136.4574	84.80065	136.953	138.6523	0	100	0	0	0	-9999	3
1669.15	1669.396	1308.396	136.1978	116.5069	136.481	138.2275	0	100	0	0	0	-9999	3
1669.155	1669.402	1308.402	136.6462	94.67317	137.6965	138.5107	0	100	0	0	0	-9999	3
1669.16	1669.409	1308.409	137.8971	61.57446	136.7052	135.5252	7.470328	64.16641	28.36326	26.59276	1.770501	-9999	3
1669.165	1669.415	1308.415	141.5433	162.7226	140.0801	141.2601	0	70.78566	29.21434	29.21434	0	-9999	3
1669.17	1669.422	1308.422	129.5661	235.9101	131.0411	120.3501	0	100	0	0	0	-9999	3
1669.175	1669.428	1308.428	126.144	149.1879	125.2	122.9816	0	45.77318	54.22682	54.22682	0	-9999	3
1669.18	1669.435	1308.435	125.1764	150.5664	125.1056	125.967	0	64.22531	35.77469	35.77469	0	-9999	3
1669.185	1669.441	1308.441	120.8457	170.3114	121.1289	124.3032	0	60.34983	39.65017	39.65017	0	-9999	3
1669.19	1669.448	1308.448	117.7894	134.1215	117.7068	118.6745	0	43.75469	56.24531	56.24531	0	-9999	3
1669.195	1669.454	1308.454	113.6122	207.5458	111.7359	104.0658	0	17.67486	82.32514	82.32514	0	-9999	3
1669.2	1669.461	1308.461	113.0103	195.7795	112.0781	111.1813	0	28.02511	71.97489	71.97489	0	-9999	3
1669.205	1669.467	1308.467	111.2403	128.0086	111.4173	112.9867	5.309057	34.52749	60.16346	50.95704	9.206419	-9999	3
1669.21	1669.474	1308.474	111.8775	172.1356	111.4763	112.2551	0	31.50944	68.49056	68.49056	0	-9999	3
1669.215	1669.48	1308.48	112.8097	158.3085	111.8303	110.6267	5.494895	24.68655	69.81856	62.72022	7.098336	-9999	3
1669.22	1669.487	1308.487	115.1698	152.5019	114.7922	113.7538	0.064789	35.51142	64.42379	64.42379	0	-9999	3
1669.225	1669.493	1308.493	116.869	195.4731	118.4503	121.0463	0	73.33414	26.66586	26.66586	0	-9999	3
1669.23	1669.5	1308.5	112.9395	197.0188	112.6209	111.1105	0	35.76554	64.23446	64.23446	0	-9999	3
1669.235	1669.506	1308.506	109.1989	222.5982	107.9834	100.4903	0	22.98132	77.01868	77.01868	0	-9999	3
1669.24	1669.513	1308.513	107.2518	189.7641	106.7326	102.8857	0	25.8115	74.1885	74.1885	0	-9999	3
1669.245	1669.519	1308.519	103.5938	143.1864	102.6733	98.68485	17.17589	16.00141	66.8227	36.74464	30.07806	29.61314	3
1669.25	1669.526	1308.526	104.054	140.3597	103.2043	103.0627	16.88785	16.70944	66.40272	39.48811	26.9146	28.88873	3
1669.255	1669.532	1308.532	107.9244	130.3479	106.8152	106.4258	17.76179	16.78392	65.45429	33.78249	31.6718	28.98209	3
1669.26	1669.539	1308.539	109.9777	118.9715	108.4791	105.4936	21.64381	13.65128	64.70492	34.69101	30.0139	29.64587	3
1669.265	1669.545	1308.545	110.1547	152.2513	109.0927	108.8213	10.04355	20.65418	69.30227	58.85117	10.45111	29.23093	3
1669.27	1669.552	1308.552	109.7063	152.7804	108.3965	105.5054	12.24852	17.69772	70.05375	42.81156	27.24219	29.77273	3
1669.275	1669.558	1308.558	109.9777	133.2164	108.8213	107.6412	15.54445	18.20546	66.25009	36.45873	29.79136	29.16156	3
1669.28	1669.565	1308.565	111.9129	155.2451	110.9689	110.1429	6.786957	23.93199	69.28105	52.25103	17.03002	-9999	3
1669.285	1669.571	1308.571	111.7949	133.8291	111.8067	111.7359	4.670587	33.83393	61.49548	59.52418	1.971302	-9999	3
1669.29	1669.578	1308.578	109.7417	146.5144	110.5559	114.6506	0	40.57272	59.42728	59.42728	0	-9999	3
1669.295	1669.584	1308.584	107.2636	140.861	108.8213	113.5414	0	43.41041	56.58959	56.58959	0	-9999	3

1669.3	1669.591	1308.591	107.6412	126.7136	107.9362	109.5057	8.019073	30.05107	61.92985	46.64761	15.28224	28.2748	3
1669.305	1669.598	1308.598	108.2076	133.2721	107.6412	106.3904	12.58681	22.55468	64.85851	52.67506	12.18345	28.99159	3
1669.31	1669.604	1308.604	112.1725	125.7667	111.7359	111.9483	9.749443	28.35995	61.8906	53.70667	8.183933	28.37803	3
1669.315	1669.611	1308.611	113.4234	96.70616	113.5532	112.5855	11.24165	35.68888	53.06947	37.70292	15.36655	27.58965	3
1669.32	1669.617	1308.617	114.1668	98.71129	114.2376	113.4942	10.52973	36.41127	53.05901	32.48939	20.56962	27.50076	3
1669.325	1669.624	1308.624	116.515	125.0984	116.7628	116.0666	0.611891	45.67073	53.71738	53.71738	0	-9999	3
1669.33	1669.63	1308.63	114.214	110.5333	112.8687	112.1253	18.59961	18.27612	63.12427	36.88395	26.24032	28.91468	3
1669.335	1669.637	1308.637	116.0902	150.5525	114.4854	109.7889	9.200764	19.15541	71.64383	53.77034	17.87349	30.30733	3
1669.34	1669.643	1308.643	118.6981	196.5175	118.4267	108.7505	0	46.70417	53.29583	53.29583	0	-9999	3
1669.345	1669.65	1308.65	117.1286	264.3719	117.9664	116.1256	0	66.20584	33.79416	33.79416	0	-9999	3
1669.35	1669.656	1308.656	114.1668	273.5761	115.4884	104.8682	0	66.133	33.867	33.867	0	-9999	3
1669.355	1669.663	1308.663	112.1253	192.2009	111.8539	102.7795	0	34.80585	65.19415	65.19415	0	-9999	3
1669.36	1669.669	1308.669	102.7913	146.0966	101.5759	97.05642	19.49613	13.44355	67.06032	38.61206	28.44826	29.7285	3
1669.365	1669.676	1308.676	99.87668	96.65046	98.89726	96.1832	32.31455	10.04779	57.63765	36.80673	20.83093	29.65283	3
1669.37	1669.682	1308.682	105.3284	129.6935	104.1484	102.8503	20.85725	14.19928	64.94347	39.99101	24.95245	29.16312	3
1669.375	1669.689	1308.689	104.3018	142.0167	103.995	104.7266	12.05208	21.46577	66.48215	54.38967	12.09248	28.74365	3
1669.38	1669.695	1308.695	107.8182	93.82377	107.4996	105.6942	20.57107	21.91717	57.51176	28.83953	28.67222	28.69733	3
1669.385	1669.702	1308.702	112.2197	124.1236	112.5029	113.0575	4.525083	37.31426	58.16066	58.16066	0	-9999	3
1669.39	1669.708	1308.708	108.7859	99.3379	108.4319	108.125	18.62079	23.09051	58.28869	38.19704	20.09166	28.37779	3
1669.395	1669.715	1308.715	117.223	87.96152	117.1994	116.456	11.05103	40.39491	48.55406	28.84314	19.71093	26.78236	3
1669.4	1669.721	1308.721	118.9813	83.35249	119.6303	120.8103	5.336077	56.00891	38.65502	31.3844	7.270616	-9999	3
1669.405	1669.728	1308.728	122.1201	83.42211	122.3207	122.8163	5.906644	56.50421	37.58915	34.79068	2.798467	-9999	3
1669.41	1669.734	1308.734	109.9069	135.8621	110.3671	109.7181	2.440428	36.08885	61.47072	61.47072	0	-9999	3
1669.415	1669.741	1308.741	106.7444	138.6887	107.7356	109.7181	0.550503	36.42817	63.02132	63.02132	0	-9999	3
1669.42	1669.747	1308.747	106.9568	213.8954	108.9157	110.2255	0	51.92813	48.07187	48.07187	0	-9999	3
1669.425	1669.754	1308.754	97.49303	141.3205	97.06822	97.88243	19.39913	14.98639	65.61448	52.3283	13.28618	28.48955	3
1669.43	1669.76	1308.76	95.9826	214.8144	97.20982	100.3723	0	28.3642	71.6358	71.6358	0	-9999	3
1669.435	1669.767	1308.767	107.0748	217.3208	106.9332	103.2161	0	31.09053	68.90947	68.90947	0	-9999	3
1669.44	1669.773	1308.773	98.37805	172.247	98.17744	98.96806	9.363116	19.06885	71.56803	55.55983	16.0082	28.98673	3
1669.445	1669.78	1308.78	104.408	204.5798	104.9862	106.532	0	33.36186	66.63814	66.63814	0	-9999	3
1669.45	1669.786	1308.786	105.1868	218.755	103.0391	99.47547	6.933682	12.2541	80.81222	61.7772	19.03502	-9999	3
1669.455	1669.793	1308.793	104.6558	128.9694	104.4906	103.818	13.78642	22.14327	64.07031	52.85155	11.21876	28.82486	3
1669.46	1669.799	1308.799	96.80861	126.1427	95.69939	93.06794	29.00602	9.684167	61.30981	39.91964	21.39018	29.25094	3
1669.465	1669.806	1308.806	108.3729	255.5716	108.7151	108.6561	0	40.34458	59.65542	59.65542	0	-9999	3
1669.47	1669.812	1308.812	105.5998	195.0972	105.0098	107.2282	0.207265	23.88567	75.90707	75.90707	0	-9999	3
1669.475	1669.819	1308.819	106.6382	137.8672	106.6382	106.3904	8.528982	26.53964	64.93138	64.19962	0.731762	28.87375	3
1669.48	1669.825	1308.825	113.8718	241.2293	115.5356	120.3029	0	68.16043	31.83957	31.83957	0	-9999	3
1669.485	1669.832	1308.832	115.689	136.8507	115.5828	116.6212	1.271317	39.33115	59.39754	59.39754	0	-9999	3
1669.49	1669.838	1308.838	114.8984	171.5507	116.2554	118.7453	0	61.86344	38.13656	38.13656	0	-9999	3
1669.495	1669.845	1308.845	108.9039	254.3462	111.9365	111.9955	0	72.24613	27.75387	27.75387	0	-9999	3
1669.5	1669.851	1308.851	103.0273	198.4669	102.2839	102.6379	2.947318	20.67821	76.37447	76.37447	0	-9999	3
1669.505	1669.858	1308.858	109.0691	251.8955	107.5114	102.0361	0	21.43269	78.56731	78.56731	0	-9999	3
1669.51	1669.864	1308.864	108.0542	228.0706	106.3314	100.7735	0	17.65865	82.34135	82.34135	0	-9999	3
1669.515	1669.871	1308.871	114.4264	248.9017	114.273	111.9483	0	43.90685	56.09315	56.09315	0	-9999	3
1669.52	1669.877	1308.877	115.8188	146.5004	115.3468	115.0636	1.651673	34.81344	63.53489	63.53489	0	-9999	3
1669.525	1669.884	1308.884	112.6445	132.7012	112.3259	109.3759	6.722541	30.97801	62.29945	47.93264	14.36681	-9999	3
1669.53	1669.89	1308.89	110.0367	141.418	109.5883	109.1635	8.018276	26.46358	65.51814	62.99145	2.526689	28.92414	3
1669.535	1669.897	1308.897	110.4261	196.4896	109.3995	107.358	0	24.27685	75.72315	75.72315	0	-9999	3
1669.54	1669.903	1308.903	113.329	133.7594	112.0663	110.8155	13.15293	20.05604	66.79103	57.73103	9.059999	29.18379	3
1669.545	1669.91	1308.91	117.8602	149.1739	117.2348	116.2436	0.315429	36.04876	63.63581	63.63581	0	-9999	3
1669.55	1669.916	1308.916	115.5474	216.8195	115.1108	110.6267	0	39.62911	60.37089	60.37089	0	-9999	3
1669.555	1669.923	1308.923	120.7277	189.1792	120.4563	119.2527	0	50.63496	49.36504	49.36504	0	-9999	3
1669.56	1669.929	1308.929	119.1229	197.7011	120.4917	115.0282	0	77.56019	22.43981	22.43981	0	-9999	3
1669.565	1669.936	1308.936	112.6445	247.4118	112.4557	106.9568	0	40.36396	59.63604	59.63604	0	-9999	3
1669.57	1669.942	1308.942	118.8633	473.8671	120.5743	114.745	0	100	0	0	0	-9999	3
1669.575	1669.949	1308.949	129.7667	276.2496	132.9292	136.009	0	100	0	0	0	-9999	3
1669.58	1669.955	1308.955	126.7812	214.4663	126.8874	127.3712	0	78.32845	21.67155	21.67155	0	-9999	3
1669.585	1669.962	1308.962	124.0082	219.9665	123.3592	120.3737	0	52.53855	47.46145	47.46145	0	-9999	3
1669.59	1669.968	1308.968	126.4154	301.6062	124.9994	123.0288	0	45.30252	54.69748	54.69748	0	-9999	3
1669.595	1669.975	1308.975	130.6753	298.1529	128.6811	128.1973	0	36.12218	63.87782	63.87782	0	-9999	3
1669.6	1669.981	1308.981	132.2801	490.2424	132.1031	125.0938	0	100	0	0	0	-9999	3
1669.605	1669.988	1308.988	138.1803	247.565	139.4311	142.8178	0	100	0	0	0	-9999	3
1669.61	1669.994	1308.994	136.1978	210.4281	138.0859	138.8175	0	100	0	0	0	-9999	3
1669.615	1670.001	1309.001	130.8523	247.0915	129.8729	128.0085	0	62.90704	37.09296	37.09296	0	-9999	3
1669.62	1670.007	1309.007	124.3976	222.6261	124.315	125.2236	0	66.44784	33.55216	33.55216	0	-9999	3
1669.625	1670.014	1309.014	119.1819	270.1924	116.7156	113.8954	0	16.24065	83.75935	83.75935	0	-9999	3
1669.63	1670.02	1309.02	122.8517	208.2977	122.2027	118.8161	0	49.18393	50.81607	50.81607	0	-9999	3
1669.635	1670.027	1309.027	117.282	225.1603	116.3734	113.1991	0	35.80389	64.19611	64.19611	0	-9999	3
1669.64	1670.033	1309.033	118.6509	258.2869	117.754	113.6358	0	40.26153	59.73847	59.73847	0	-9999	3
1669.645	1670.04	1309.04	122.2145	299.1277	125.7546	127.56	0	100	0	0	0	-9999	3
1669.65	1670.046	1309.046	118.4385	295.4098	118.2143	113.1991	0	53.64342	46.35658	46.35658	0	-9999	3
1669.655	1670.053	1309.053	110.3907	359.1008	107.5586	99.14506	0	16.43708	83.56292	83.56292	0	-9999	3
1669.66	1670.059	1309.059	115.7008	179.1118	115.4884	115.4884	0	40.63264	59.36736	59.36736	0	-9999	3

1669.665	1670.066	1309.066	115.3232	171.5368	114.7332	115.4176	0	34.01337	65.98663	65.98663	0	-9999	3
1669.67	1670.072	1309.072	116.7982	167.9025	116.4914	118.5565	0	40.4669	59.5331	59.5331	0	-9999	3
1669.675	1670.079	1309.079	120.1731	217.2512	119.7129	121.0345	0	47.81278	52.18722	52.18722	0	-9999	3
1669.68	1670.085	1309.085	120.7867	153.5323	120.5861	119.8545	0	49.71196	50.28804	50.28804	0	-9999	3
1669.685	1670.092	1309.092	122.2263	149.4246	120.3619	119.6067	5.840419	20.25423	73.90536	59.22558	14.67977	-9999	3
1669.69	1670.098	1309.098	124.02	122.6476	124.1144	123.5362	0	62.59645	37.40355	37.40355	0	-9999	3
1669.695	1670.105	1309.105	125.259	128.5238	127.7016	129.2947	0	100	0	0	0	-9999	3
1669.7	1670.111	1309.111	112.9513	114.0979	109.6945	106.1662	33.71378	0	66.28622	33.59016	32.69606	25.16386	3
1669.705	1670.118	1309.118	105.6706	12.32325	105.3166	104.8564	42.54438	13.69974	43.75587	25.54612	18.20975	30.16624	3
1669.71	1670.124	1309.124	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1670	1670.502	1309.502	124.7988	241.2154	120.4445	115.6654	0.556739	0	99.44326	99.44326	0	-9999	3
1670.005	1670.508	1309.508	110.3081	513.9281	115.5828	118.7571	0	100	0	0	0	-9999	3
1670.01	1670.515	1309.515	100.6319	533.9377	101.2809	96.1714	0	51.36635	48.63365	48.63365	0	-9999	3
1670.015	1670.521	1309.521	90.20048	317.4106	83.08493	78.15243	35.34767	0	64.65233	33.77161	30.88072	26.31983	3
1670.02	1670.528	1309.528	84.37116	107.2471	81.90491	77.40901	55.53819	0.292202	44.16961	20.20997	23.95964	31.41561	3
1670.025	1670.534	1309.534	82.34152	98.47458	80.20567	75.17877	56.96775	0.428144	42.60411	26.18283	16.42127	31.71646	3
1670.03	1670.541	1309.541	84.96117	89.14511	83.92275	79.79266	48.31037	3.303674	48.38595	18.7858	29.60016	30.65199	3
1670.035	1670.547	1309.547	87.04981	97.59733	87.26222	88.64285	34.64949	8.825048	56.52547	38.35426	18.17121	28.51754	3
1670.04	1670.554	1309.554	81.33849	131.8379	81.17329	76.8072	34.54415	7.580227	57.87562	31.03113	26.84449	28.8144	3
1670.045	1670.56	1309.56	93.51635	180.3371	93.85855	92.13572	7.671271	18.96604	73.36269	61.61692	11.74577	-9999	3
1670.05	1670.567	1309.567	94.38956	114.7106	94.88517	96.56081	21.56065	16.00255	62.4368	39.027	23.40981	28.29652	3
1670.055	1670.573	1309.573	83.88735	149.3132	82.22351	76.642	39.58456	5.309376	55.10606	33.58857	21.51749	29.09896	3
1670.06	1670.58	1309.58	78.57724	191.0591	73.43233	69.83326	61.34567	0.512172	38.14216	16.75352	21.38864	29.93995	3
1670.065	1670.586	1309.586	73.62114	57.67558	71.37909	68.45263	75.68692	0	24.31308	7.444188	16.86889	31.24642	3
1670.07	1670.593	1309.593	73.51493	82.93475	70.24627	67.96882	77.62822	0	22.37178	18.51902	3.852757	31.19434	3
1670.075	1670.599	1309.599	79.98147	118.331	77.53882	73.71554	56.71148	0.885117	42.4034	14.5254	27.878	30.85904	3
1670.08	1670.606	1309.606	84.38296	129.0251	84.13515	84.61896	33.0641	8.233808	58.70209	40.70717	17.99493	28.09139	3
1670.085	1670.612	1309.612	88.48944	254.3462	87.68703	80.04047	3.256651	16.33818	80.40517	80.40517	0	-9999	3
1670.09	1670.619	1309.619	98.82645	265.9593	99.53447	95.34538	0	31.65651	68.34349	68.34349	0	-9999	3
1670.095	1670.625	1309.625	100.7735	265.1239	99.99468	96.1478	0	23.30761	76.69239	76.69239	0	-9999	3
1670.1	1670.632	1309.632	92.32452	213.9789	89.91727	85.38598	21.93473	8.253263	69.81201	53.20138	16.61063	28.6453	3
1670.105	1670.638	1309.638	82.02291	85.83106	81.85771	81.4565	45.04813	4.707361	50.24451	24.18315	26.06136	29.4938	3
1670.11	1670.645	1309.645	82.99053	105.4786	82.47132	81.91671	42.14677	5.363508	52.48973	26.09677	26.39296	29.00274	3
1670.115	1670.651	1309.651	84.31216	72.19891	83.99355	82.88433	47.42988	4.15442	48.4157	23.91214	24.50355	30.2096	3
1670.12	1670.658	1309.658	87.21502	130.2783	85.57478	83.59234	40.94665	4.687478	54.36587	18.33262	36.03325	29.08546	3
1670.125	1670.664	1309.664	88.76085	62.29854	88.78445	88.44224	43.08087	6.619175	50.29995	25.25417	25.04579	29.91348	3
1670.13	1670.671	1309.671	91.68731	97.04035	91.4631	90.24768	33.9015	9.496745	56.60176	37.43777	19.16398	29.12588	3
1670.135	1670.677	1309.677	91.1327	68.98233	90.60169	87.74603	43.57953	5.987	50.43347	21.06342	29.37005	30.46233	3
1670.14	1670.684	1309.684	89.25646	62.04789	88.73725	88.92605	46.89235	4.729159	48.37849	34.60751	13.77098	30.28611	3
1670.145	1670.69	1309.69	91.75811	94.14403	91.2743	89.59866	36.54921	8.189412	55.26138	39.13201	16.12937	29.40158	3
1670.15	1670.697	1309.697	91.4749	169.7684	92.25372	93.12694	8.723315	18.81445	72.46223	61.47766	10.98458	28.96888	3
1670.155	1670.703	1309.703	92.27732	124.4718	92.79653	92.23012	20.95882	15.14386	63.89732	46.1862	17.71112	28.66146	3
1670.16	1670.71	1309.71	89.33906	124.5971	90.07067	90.31848	21.98556	14.01416	64.00028	30.95538	33.0449	28.44706	3
1670.165	1670.716	1309.716	94.80257	197.534	93.58715	92.59593	14.39795	13.10157	72.50047	60.83512	11.66535	28.72944	3
1670.17	1670.723	1309.723	92.25372	147.2106	90.94389	90.20048	29.65278	8.365386	61.98184	26.33509	35.64675	28.49459	3
1670.175	1670.729	1309.729	92.28912	128.496	92.19472	91.72271	24.7296	12.55097	62.71942	27.64076	35.07866	28.55259	3
1670.18	1670.736	1309.736	94.29516	138.7723	93.58715	94.43676	25.15267	11.41737	63.42996	33.19864	30.23131	28.32311	3
1670.185	1670.742	1309.742	97.25702	142.2256	96.92662	93.36294	18.6656	15.43992	65.89448	51.30285	14.59163	29.29461	3
1670.19	1670.749	1309.749	95.65219	224.0881	94.37776	92.80833	7.647458	14.9272	77.42534	65.95729	11.46805	-9999	3
1670.195	1670.755	1309.755	88.46584	207.685	86.04679	82.76632	27.09929	7.470866	65.42984	28.34064	37.0892	27.95255	3
1670.2	1670.762	1309.762	93.02074	143.2421	91.68731	90.24768	30.0904	8.242687	61.66691	32.08431	29.5826	28.72073	3
1670.205	1670.768	1309.768	104.1956	323.7602	100.1009	93.57535	0	5.075493	94.92451	94.92451	0	-9999	3
1670.21	1670.775	1309.775	107.653	165.3125	107.0276	103.936	5.800526	23.55579	70.64368	59.51678	11.1269	-9999	3
1670.215	1670.782	1309.782	96.45461	176.2572	94.87337	91.61651	20.86206	10.38807	68.74987	41.33048	27.41939	29.08102	3
1670.22	1670.788	1309.788	96.313	135.1101	94.84977	90.24768	30.03542	8.184372	61.78021	41.5691	20.2111	29.59054	3
1670.225	1670.795	1309.795	98.15384	105.0609	97.64643	98.95626	28.20616	12.48934	59.3045	38.78433	20.52018	28.56082	3
1670.23	1670.801	1309.801	102.2013	153.7273	101.4933	98.57865	14.25989	17.29961	68.44049	58.42404	10.01646	29.44858	3
1670.235	1670.808	1309.808	100.5493	222.7932	99.62887	97.11542	0.711956	19.35053	79.93752	79.93752	0	-9999	3
1670.24	1670.814	1309.814	105.4936	114.3068	105.057	105.5762	18.66737	19.67369	61.65894	41.81483	19.84411	28.50575	3
1670.245	1670.821	1309.821	104.0304	83.63098	104.0304	105.588	24.05337	19.7939	56.15273	36.67019	19.48254	28.20347	3
1670.25	1670.827	1309.827	103.7	96.28842	103.4285	101.9771	23.39764	18.07583	58.52653	28.02362	30.50291	28.8688	3
1670.255	1670.834	1309.834	97.56383	155.3008	97.95324	98.29544	9.640583	20.88423	69.47519	59.8067	9.66849	29.01261	3
1670.26	1670.84	1309.84	95.07398	127.6605	94.63737	94.61377	25.02182	12.47088	62.5073	46.3606	16.14669	28.56689	3
1670.265	1670.847	1309.847	94.55477	133.0075	94.79077	94.96778	18.99276	16.00061	65.00663	42.58265	22.42398	28.5623	3
1670.27	1670.853	1309.853	100.0773	130.3758	99.98288	98.43705	17.10958	18.33282	64.5576	43.59136	20.96624	28.97277	3
1670.275	1670.86	1309.86	101.5641	145.9295	100.4903	97.11542	19.5682	13.72802	66.70379	52.94433	13.75946	29.43554	3
1670.28	1670.866	1309.866	99.82947	411.7078	97.19802	97.88243	0	21.08888	78.91112	78.91112	0	-9999	3
1670.285	1670.873	1309.873	104.231	155.4679	103.1807	105.3166	14.62351	16.25449	69.122	52.41931	16.70269	28.61279	3
1670.29	1670.879	1309.879	102.2131	112.6916	101.5995	99.68787	23.44807	15.23349	61.31844	45.35395	15.96449	29.08543	3
1670.295	1670.886	1309.886	99.75867	103.0975	99.26306	99.54627	27.1134	13.55363	59.33297	33.92139	25.41159	28.73927	3
1670.3	1670.892	1309.892	101.8001	134.581	100.9623	102.1069	20.26838	14.78002	64.9516	31.55066	33.40095	28.55544	3
1670.305	1670.899	1309.899	99.13326	150.1208	100.9151	103.877	0	31.62851	68.37149	68.37149	0	-9999	3
1670.31	1670.905	1309.905	99.66427	98.6556	99.56987	99.73507	25.16583	15.83337	59.0008	44.00471	14.99609	28.65008	3

1670.315	1670.912	1309.912	96.1006	73.73061	96.1596	96.79681	33.28738	12.20706	54.50556	24.45193	30.05363	28.97119	3
1670.32	1670.918	1309.918	95.51059	108.6395	95.10938	95.38078	28.94886	11.63726	59.41388	40.95218	18.4617	28.69022	3
1670.325	1670.925	1309.925	107.3344	171.5786	108.5499	111.6297	0	42.02706	57.97294	57.97294	0	-9999	3
1670.33	1670.931	1309.931	112.1017	206.39	113.5296	114.2258	0	57.55626	42.44374	42.44374	0	-9999	3
1670.335	1670.938	1309.938	106.2724	218.4626	104.6204	99.47547	2.164695	16.74181	81.09349	78.62145	2.472044	-9999	3
1670.34	1670.944	1309.944	102.6851	134.8316	101.9063	100.7263	18.93625	15.85807	65.20569	33.61521	31.59047	28.99653	3
1670.345	1670.951	1309.951	104.2664	123.0514	103.7354	101.9771	18.41183	18.29915	63.28902	45.84849	17.44053	29.01661	3
1670.35	1670.957	1309.957	104.8446	86.49944	104.2428	103.1571	27.27417	15.76233	56.9635	42.23749	14.72601	28.99815	3
1670.355	1670.964	1309.964	100.6437	73.04831	100.0537	98.64945	34.30271	11.5393	54.158	21.1116	33.04639	29.5391	3
1670.36	1670.97	1309.97	99.79407	74.49646	99.12146	97.70543	35.37406	10.48983	54.1361	35.17078	18.96532	29.63408	3
1670.365	1670.977	1309.977	103.3577	99.10118	102.2131	101.3517	29.79922	11.14185	59.05893	41.74633	17.3126	29.27491	3
1670.37	1670.983	1309.983	102.1777	129.6795	100.3251	95.30998	28.97199	7.50248	63.52553	42.94767	20.57786	30.0951	3
1670.375	1670.99	1309.99	95.91179	66.30881	94.69637	93.84675	45.13396	4.686868	50.17917	17.38401	32.79516	30.57737	3
1670.38	1670.996	1309.996	96.67881	33.69747	96.66701	97.46943	42.99216	9.542563	47.46528	18.98416	28.48112	30.06902	3
1670.385	1671.003	1310.003	95.06218	59.40223	95.16838	94.75537	37.34439	10.72153	51.93407	34.35855	17.57552	29.53301	3
1670.39	1671.009	1310.009	94.31876	130.2087	93.38654	88.66645	28.94094	9.747736	61.31133	40.94673	20.3646	29.46092	3
1670.395	1671.016	1310.016	94.14176	111.8282	92.63133	91.2861	38.03299	5.663367	56.30364	27.59239	28.71126	29.46956	3
1670.4	1671.022	1310.022	102.1305	220.5792	98.60225	93.02074	20.00388	2.519492	77.47663	42.89849	34.57814	30.19374	3
1670.405	1671.029	1310.029	115.276	508.9013	108.1604	102.4255	0	0	100	100	0	-9999	3
1670.41	1671.035	1310.035	107.2046	432.9428	100.5375	90.58989	0	0	100	100	0	-9999	3
1670.415	1671.042	1310.042	99.12146	87.32099	97.69363	94.05916	38.74225	6.238342	55.0194	34.76297	20.25643	30.41867	3
1670.42	1671.048	1310.048	104.762	111.8282	103.7472	101.7057	24.42141	13.96965	61.60894	29.13864	32.4703	29.25237	3
1670.425	1671.055	1310.055	100.6791	88.99194	99.56987	97.46943	34.43566	9.134355	56.42998	37.76497	18.66501	29.75055	3
1670.43	1671.061	1310.061	101.5051	65.66828	101.4225	99.88848	31.36374	15.34878	53.28748	37.1149	16.17259	29.2281	3
1670.435	1671.068	1310.068	104.0422	75.27624	103.6056	102.1659	29.44808	15.64205	54.90987	22.98774	31.92213	29.12597	3
1670.44	1671.074	1310.074	106.65	72.99261	106.7208	104.9626	23.66906	22.84925	53.48169	30.90561	22.57608	28.55651	3
1670.445	1671.081	1310.081	107.5114	71.90649	107.5114	106.9686	23.68811	23.21342	53.09847	40.25073	12.84774	28.28558	3
1670.45	1671.087	1310.087	111.1223	96.02385	110.2963	108.5971	20.93134	20.4442	58.62446	40.65381	17.97066	28.77145	3
1670.455	1671.094	1310.094	102.2249	90.60719	101.5523	101.7647	29.23889	13.31701	57.4441	37.92932	19.51478	28.90574	3
1670.46	1671.1	1310.1	100.1953	100.6607	99.10966	98.22464	31.87402	9.809731	58.31625	28.08424	30.23201	29.29355	3
1670.465	1671.107	1310.107	111.8303	161.9149	112.9513	111.3465	0	49.83379	50.16621	50.16621	0	-9999	3
1670.47	1671.113	1310.113	115.7952	117.6487	115.9486	115.2052	3.80855	42.13817	54.05328	50.17446	3.87882	-9999	3
1670.475	1671.12	1310.12	106.8034	93.54528	106.355	106.9214	22.57807	19.51263	57.9093	42.37683	15.53248	28.40887	3
1670.48	1671.126	1310.126	110.1075	100.8	110.2845	111.6297	12.93574	30.82486	56.2394	31.84358	24.39582	27.65405	3
1670.485	1671.133	1310.133	109.7653	67.13036	108.9157	108.9157	29.35493	16.8019	53.84317	22.75094	31.09223	28.80711	3
1670.49	1671.139	1310.139	108.7623	101.0088	109.2579	109.7771	11.6536	32.17674	56.16966	47.6168	8.552854	27.83968	3
1670.495	1671.146	1310.146	112.5973	79.35614	113.5178	116.633	10.07302	43.39499	46.53199	35.16966	11.36234	26.12796	3
1670.5	1671.152	1310.152	99.73507	70.87607	100.5847	101.0685	24.50719	20.4869	55.00591	27.68039	27.32552	28.42755	3
1670.505	1671.159	1310.159	89.87007	106.0217	91.3805	93.25674	19.95644	16.50794	63.53561	37.5142	26.02141	28.38328	3
1670.51	1671.165	1310.165	94.18896	110.1155	94.96778	96.97382	20.66238	17.01961	62.31801	46.57245	15.74556	28.26102	3
1670.515	1671.172	1310.172	96.67881	152.4601	95.14478	94.54297	26.04888	9.106875	64.84424	37.99592	26.84833	28.68957	3
1670.52	1671.178	1310.178	95.86459	103.8773	95.33358	95.86459	30.7816	10.83303	58.38537	30.15994	28.22543	28.75194	3
1670.525	1671.185	1310.185	99.93568	79.28652	99.56987	99.21586	31.70685	12.93874	55.35441	40.21626	15.13814	29.09695	3
1670.53	1671.191	1310.191	103.4285	65.82145	103.0273	103.0155	32.02631	14.72336	53.25033	31.76835	21.48198	29.03311	3
1670.535	1671.198	1310.198	100.8089	112.789	99.46367	97.46943	30.38638	9.238678	60.37494	32.26802	28.10692	29.45582	3
1670.54	1671.204	1310.204	94.94417	79.46753	94.41316	92.53693	37.53555	8.653673	53.81078	24.59945	29.21132	29.74255	3
1670.545	1671.211	1310.211	96.83221	69.34437	96.51361	95.93539	36.60223	10.29708	53.10069	34.09336	19.00733	29.50497	3
1670.55	1671.217	1310.217	99.19226	86.79186	98.60225	98.59045	32.31208	11.44438	56.24354	25.06579	31.17775	29.08669	3
1670.555	1671.224	1310.224	104.9036	128.2732	104.4198	101.7411	16.19613	19.63471	64.16916	44.05784	20.11132	29.20512	3
1670.56	1671.23	1310.23	103.7826	150.5803	102.1541	98.64945	20.69997	11.16867	68.13136	49.32857	18.80279	29.66601	3
1670.565	1671.237	1310.237	109.0573	197.4922	108.0542	101.7765	0	23.32707	76.67293	76.67293	0	-9999	3
1670.57	1671.243	1310.243	104.1484	115.7132	103.5584	103.4285	20.75351	17.21707	62.02942	32.91329	29.11613	28.71084	3
1670.575	1671.25	1310.25	104.5378	122.5223	103.7118	102.3193	20.57648	16.0719	63.35162	38.77417	24.57745	29.02772	3
1670.58	1671.256	1310.256	104.349	93.08577	103.7472	100.9859	26.13624	15.76821	58.09555	31.13382	26.96173	29.27551	3
1670.585	1671.263	1310.263	104.2074	99.19865	103.7944	100.3841	23.32397	17.60501	59.07103	42.90024	16.17078	29.26027	3
1670.59	1671.269	1310.269	108.3847	99.69994	107.417	104.9626	23.65779	16.48005	59.86216	45.86865	13.99351	29.21799	3
1670.595	1671.276	1310.276	109.1989	149.9816	108.0778	106.1072	11.92943	19.04053	69.03004	43.1098	25.92024	29.48541	3
1670.6	1671.282	1310.282	110.4143	187.0627	108.9865	110.5087	4.215354	19.30261	76.48203	69.61867	6.863361	-9999	3
1670.605	1671.289	1310.289	117.6832	125.6693	117.9782	115.8778	0	49.21875	50.78125	50.78125	0	-9999	3
1670.61	1671.295	1310.295	119.0285	97.13782	118.3323	115.217	12.38212	33.37191	54.24597	36.33429	17.91168	27.83368	3
1670.615	1671.302	1310.302	119.8545	89.08941	120.0315	117.9428	6.802456	50.14338	43.05417	43.05417	0	-9999	3
1670.62	1671.308	1310.308	113.5768	131.9353	113.9544	114.1668	0.654575	41.72369	57.62173	57.62173	0	-9999	3
1670.625	1671.315	1310.315	103.4521	144.2029	102.4255	99.80587	17.88324	15.14996	66.9668	51.81973	15.14707	29.35706	3
1670.63	1671.321	1310.321	104.9508	137.1292	102.8739	100.4431	26.35555	7.235832	66.40862	38.6626	27.74602	29.76031	3
1670.635	1671.328	1310.328	105.883	164.4214	102.2603	98.02404	30.8734	0	69.1266	36.03563	33.09097	26.88971	3
1670.64	1671.334	1310.334	114.5916	159.0743	112.5147	108.8567	12.17529	12.42075	75.40396	50.71718	24.68678	30.53943	3
1670.645	1671.341	1310.341	119.4061	106.9268	118.8397	119.4651	8.659816	36.95702	54.38317	52.96963	1.413538	27.07018	3
1670.65	1671.347	1310.347	117.3292	148.0182	117.8012	115.7598	0	52.7957	47.2043	47.2043	0	-9999	3
1670.655	1671.354	1310.354	113.27	93.68452	112.9985	112.2669	15.22338	29.91314	54.86348	28.14627	26.71721	27.83772	3
1670.66	1671.36	1310.36	112.1725	60.00098	112.0073	111.9719	23.56136	27.26808	49.17056	23.92338	25.24718	27.67338	3
1670.665	1671.367	1310.367	111.3347	77.99153	110.7211	109.5411	23.45361	21.92159	54.62479	30.92265	23.70214	28.46587	3
1670.67	1671.374	1310.374	115.1816	85.58042	115.1462	114.686	13.59683	35.94283	50.46034	40.70903	9.751316	27.13811	3
1670.675	1671.38	1310.38	114.1432	82.08535	113.9898	113.565	16.3125	32.15313	51.53436	34.65852	16.87584	27.41747	3

1670.68	1671.387	1310.387	115.7244	74.20405	115.04	114.6742	20.88038	26.69275	52.42687	27.5763	24.85057	27.74047	3
1670.685	1671.393	1310.393	119.7365	94.10226	119.5713	119.6539	8.350014	43.91932	47.73066	35.25771	12.47295	26.28811	3
1670.69	1671.4	1310.4	120.1613	90.4958	120.4917	122.6865	4.990975	53.94435	41.06467	41.06467	0	-9999	3
1670.695	1671.406	1310.406	125.0702	91.98573	125.0112	125.672	3.132136	60.22308	36.64479	36.64479	0	-9999	3
1670.7	1671.413	1310.413	127.9849	85.69182	128.1737	126.7694	0.053284	76.39008	23.55663	23.55663	0	-9999	3
1670.705	1671.419	1310.419	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1671	1671.803	1310.803	95.78199	30.68976	95.21558	96.0062	48.84334	5.654134	45.50253	24.0756	21.42693	30.98394	3
1671.005	1671.809	1310.809	96.3484	11.62702	96.3248	96.2186	48.72863	7.735737	43.53563	27.45219	16.08344	31.18867	3
1671.01	1671.816	1310.816	97.33962	21.77803	97.06822	96.4192	47.28066	7.713596	45.00575	20.9406	24.06515	31.04031	3
1671.015	1671.822	1310.822	95.73479	26.23389	95.41618	95.93539	48.04459	6.660108	45.2953	17.85358	27.44172	30.90629	3
1671.02	1671.829	1310.829	98.34264	47.21823	97.74083	96.77321	42.762	8.136283	49.10171	29.97117	19.13055	30.39607	3
1671.025	1671.835	1310.835	98.55505	51.67409	97.74083	97.32782	43.13441	7.276038	49.58956	20.34044	29.24912	30.36219	3
1671.03	1671.842	1310.842	96.3838	58.39966	95.71119	95.08578	42.40694	7.292991	50.30007	19.44455	30.85552	30.19352	3
1671.035	1671.848	1310.848	99.22766	105.4369	96.97382	92.94993	40.66214	2.567482	56.77038	36.50783	20.26255	30.73797	3
1671.04	1671.855	1310.855	96.71421	100.0898	95.82919	97.11542	33.66008	9.115324	57.2246	29.1992	28.02539	28.83989	3
1671.045	1671.861	1310.861	97.49303	82.2803	95.89999	92.07672	42.74059	4.325027	52.93439	23.66116	29.27323	30.84499	3
1671.05	1671.868	1310.868	97.96504	86.08171	96.1832	93.43374	42.84963	3.675581	53.47479	30.8996	22.57519	30.69479	3
1671.055	1671.874	1310.874	99.62887	76.84972	98.29544	94.96778	40.07787	6.335088	53.58704	29.38101	24.20603	30.55109	3
1671.06	1671.881	1310.881	95.69939	63.67707	94.44856	92.26552	46.24061	4.239617	49.51977	18.34334	31.17644	30.97889	3
1671.065	1671.887	1310.887	91.95871	51.52092	91.69911	90.66069	44.94186	6.414365	48.64377	29.76147	18.8823	30.46361	3
1671.07	1671.894	1310.894	96.3248	62.98084	95.79379	94.68457	40.25515	8.347688	51.39716	23.65469	27.74247	29.99433	3
1671.075	1671.9	1310.9	96.1124	64.83281	95.34538	92.66673	41.83143	7.063472	51.1051	35.94272	15.16238	30.46679	3
1671.08	1671.907	1310.907	95.27458	45.01814	95.03858	93.57535	43.28203	8.073011	48.64496	19.19855	29.44641	30.46491	3
1671.085	1671.913	1310.913	96.3838	81.96003	96.2894	93.57535	32.22419	12.10835	55.66746	31.75432	23.91314	29.49618	3
1671.09	1671.92	1310.92	94.61377	101.4684	93.45734	92.98533	37.36227	6.833513	55.80421	28.82882	26.97539	29.33732	3
1671.095	1671.926	1310.926	94.10636	131.434	92.73753	90.17688	32.22353	7.64447	60.132	31.5628	28.5692	29.16084	3
1671.1	1671.933	1310.933	96.1832	94.72887	97.16262	98.29544	20.99656	19.00491	59.99852	41.70839	18.29013	28.40649	3
1671.105	1671.939	1310.939	104.408	105.8268	105.6706	108.8331	8.549244	32.782	58.66876	44.99874	13.67002	27.8015	3
1671.11	1671.946	1310.946	104.1484	59.88959	104.6676	104.6322	25.66634	22.73161	51.60204	33.23914	18.3629	28.29529	3
1671.115	1671.952	1310.952	99.65247	68.82916	99.47547	98.48425	33.03485	13.26069	53.70446	26.48757	27.21689	29.28501	3
1671.12	1671.959	1310.959	102.0597	79.63463	101.8237	100.5139	28.66251	15.67422	55.66326	27.53778	28.12548	29.04178	3
1671.125	1671.966	1310.966	101.9181	251.7702	99.27486	98.68485	5.792166	10.3585	83.84934	69.94672	13.90261	-9999	3
1671.13	1671.972	1310.972	100.7027	140.0812	98.61405	94.87337	29.64086	6.215795	64.14335	46.02158	18.12177	29.78795	3
1671.135	1671.979	1310.979	97.96504	81.90433	97.43403	97.26882	34.16665	10.65889	55.17446	27.8675	27.30696	29.22092	3
1671.14	1671.985	1310.985	99.64067	99.72779	99.25126	96.3484	27.21437	13.93535	58.85028	28.03449	30.81579	29.30908	3
1671.145	1671.992	1310.992	98.11844	122.2438	96.69061	91.98231	31.21371	8.187484	60.59881	32.07092	28.52788	29.82799	3
1671.15	1671.998	1310.998	95.10938	124.8199	93.82315	89.64587	32.26122	7.958665	59.78012	32.45883	27.32129	29.56938	3
1671.155	1672.005	1311.005	92.85553	66.36451	92.79653	93.23314	38.96996	8.866359	52.16368	21.23885	30.92483	29.44204	3
1671.16	1672.011	1311.011	97.48123	112.4827	96.70241	93.64615	29.13228	10.96872	59.899	28.6614	31.2376	29.37442	3
1671.165	1672.018	1311.018	100.3251	109.4611	100.1717	100.8561	22.40022	16.73367	60.86611	43.47242	17.3937	28.50108	3
1671.17	1672.024	1311.024	101.7293	142.156	101.1983	99.26306	16.12262	17.44506	66.43231	51.5728	14.85952	29.13715	3
1671.175	1672.031	1311.031	100.5611	94.96558	100.7027	102.3901	23.4047	18.02733	58.56797	39.81789	18.75008	28.27143	3
1671.18	1672.037	1311.037	98.83825	115.8385	99.06246	102.4255	19.2983	18.35295	62.34875	42.10089	20.24786	27.98616	3
1671.185	1672.044	1311.044	101.9535	112.246	102.4255	105.3756	15.38116	23.12832	61.49052	45.91074	15.57978	27.99819	3
1671.19	1672.05	1311.05	97.78803	103.4735	97.70543	99.20406	25.63459	14.69235	59.67306	36.84962	22.82344	28.39931	3
1671.195	1672.057	1311.057	98.14204	129.415	98.43705	95.54599	16.1046	19.08055	64.81484	37.26417	27.55068	29.22312	3
1671.2	1672.063	1311.063	98.68485	127.6187	100.0891	100.4431	7.443436	26.84732	65.70924	62.09275	3.616494	-9999	3
1671.205	1672.07	1311.07	98.02404	124.3464	99.12146	99.61707	11.22102	23.75823	65.02074	59.06023	5.960518	28.79441	3
1671.21	1672.076	1311.076	95.72299	114.8916	96.76141	98.36624	16.0833	20.23839	63.67831	49.32996	14.34835	28.42343	3
1671.215	1672.083	1311.083	98.10664	118.0664	97.38682	96.97382	26.74838	12.05916	61.19247	32.41444	28.77803	28.80672	3
1671.22	1672.089	1311.089	100.5139	90.17553	100.5493	100.9387	25.43039	16.91217	57.65744	29.50967	28.14778	28.57451	3
1671.225	1672.096	1311.096	93.96475	71.33558	93.48094	92.72573	40.03874	7.797048	52.16421	22.81718	29.34703	29.77738	3
1671.23	1672.102	1311.102	91.5457	70.95962	90.41288	88.15904	47.3851	3.73815	48.87675	22.0722	26.80455	30.8331	3
1671.235	1672.109	1311.109	91.5103	62.99477	90.27128	87.40382	50.16823	2.742254	47.08951	18.0833	29.00621	31.43584	3
1671.24	1672.115	1311.115	89.09125	69.74818	88.18264	85.90519	48.19878	3.695079	48.10614	18.88203	29.22411	30.80787	3
1671.245	1672.122	1311.122	89.70487	69.2469	89.20926	88.22984	44.55475	5.502423	49.94283	30.94924	18.99358	30.14577	3
1671.25	1672.128	1311.128	88.52484	62.96692	87.62802	87.33302	50.26949	3.085532	46.64497	32.67939	13.96559	30.78306	3
1671.255	1672.135	1311.135	90.27128	127.2706	88.37144	83.15573	40.87469	4.132137	54.99317	19.69288	35.30029	29.96008	3
1671.26	1672.141	1311.141	91.06189	104.3786	90.20048	87.93483	37.63942	6.952899	55.40768	35.93298	19.4747	29.45079	3
1671.265	1672.148	1311.148	86.10579	80.67897	85.53938	85.24438	45.64805	4.585682	49.76627	20.93253	28.83374	29.81619	3
1671.27	1672.154	1311.154	86.04679	117.5234	86.2828	85.95239	30.56725	9.750237	59.68251	39.88728	19.79523	28.42942	3
1671.275	1672.161	1311.161	92.07672	114.7942	90.55448	88.85525	39.30652	5.213546	55.47993	29.36228	26.11765	29.45208	3
1671.28	1672.167	1311.167	88.57204	55.72614	89.11485	89.55146	40.82121	8.103673	51.07512	35.52144	15.55368	29.60181	3
1671.285	1672.174	1311.174	89.33906	49.54363	89.02045	87.67523	48.28771	4.70576	47.00653	23.93995	23.06658	30.88438	3
1671.29	1672.18	1311.18	88.01743	35.11777	87.88763	88.22984	51.53143	3.831991	44.63658	31.70629	12.93029	31.16528	3
1671.295	1672.187	1311.187	87.93483	30.63406	87.58082	86.6368	54.43007	2.6649	42.90503	23.51987	19.38516	31.93944	3
1671.3	1672.193	1311.193	85.24438	32.12399	85.12637	84.86677	54.71569	2.443127	42.84118	13.27116	29.57002	31.71949	3
1671.305	1672.2	1311.2	84.81957	40.29771	84.71336	85.59838	53.03702	2.858367	44.10461	21.64362	22.461	31.09583	3
1671.31	1672.206	1311.206	88.22984	50.53227	88.21804	89.13846	46.69119	5.418174	47.89063	30.58703	17.30361	30.19656	3
1671.315	1672.213	1311.213	85.09097	37.63812	84.58356	83.56874	56.54031	1.512849	41.94684	27.83751	14.10933	32.09061	3
1671.32	1672.219	1311.219	88.14723	88.39319	86.94361	84.04075	46.84148	3.577564	49.58095	22.41338	27.16757	30.45888	3
1671.325	1672.226	1311.226	92.38352	79.25867	91.56931	90.56628	42.13674	6.008178	51.85508	19.45586	32.39922	29.9207	3
1671.33	1672.232	1311.232	91.97051	58.03762	91.76991	89.12666	42.89671	7.126642	49.97665	31.10618	18.87048	30.45476	3

1671.335	1672.239	1311.239	100.0301	60.96178	100.1481	101.8827	32.30506	15.05602	52.63892	26.30502	26.33391	28.67799	3
1671.34	1672.245	1311.245	95.15658	44.9346	94.54297	94.80257	46.33727	6.014023	47.6487	32.72756	14.92114	30.5861	3
1671.345	1672.252	1311.252	97.79983	50.08669	97.57563	98.42525	39.64076	10.24048	50.11876	27.06307	23.05569	29.60892	3
1671.35	1672.258	1311.258	101.4107	80.94354	100.4195	101.9535	34.79577	9.824147	55.38008	21.74761	33.63247	29.11132	3
1671.355	1672.265	1311.265	98.30724	51.25635	98.03584	97.98864	39.25669	10.40944	50.33386	24.55866	25.7752	29.73719	3
1671.36	1672.271	1311.271	100.5257	61.47699	99.60527	97.24522	39.77218	8.447168	51.78065	23.02773	28.75292	30.33689	3
1671.365	1672.278	1311.278	101.6703	111.2016	101.2691	102.5789	22.66188	16.24807	61.09005	28.38631	32.70373	28.42145	3
1671.37	1672.284	1311.284	94.43676	105.4647	92.80833	90.80229	40.21608	4.761974	55.02195	33.7232	21.29875	29.85367	3
1671.375	1672.291	1311.291	99.05066	154.5071	95.9708	90.89669	35.35163	1.152753	63.49562	33.92546	29.57016	30.26334	3
1671.38	1672.297	1311.297	88.78445	51.18673	86.92001	85.66918	60.38052	0	39.61948	16.85267	22.76681	31.39504	3
1671.385	1672.304	1311.304	88.91425	81.4309	87.93483	84.41836	46.08312	4.157794	49.75909	26.38625	23.37284	30.61486	3
1671.39	1672.31	1311.31	89.43346	48.22079	89.68127	90.10608	44.13129	6.931742	48.93696	29.63542	19.30154	30.0401	3
1671.395	1672.317	1311.317	89.88187	40.56228	89.43346	89.20926	50.96778	3.834043	45.19818	27.48064	17.71754	31.19946	3
1671.4	1672.323	1311.323	95.14478	79.14727	93.84675	91.3569	43.37287	4.829997	51.79713	23.0742	28.72294	30.51478	3
1671.405	1672.33	1311.33	90.05887	53.67923	89.44526	89.12666	48.91096	4.133634	46.9554	21.73597	25.21944	30.77426	3
1671.41	1672.336	1311.336	91.81711	58.56675	90.96749	87.46282	47.93964	4.216053	47.84431	15.20671	32.63759	31.26805	3
1671.415	1672.343	1311.343	102.9211	70.01275	102.4727	102.0243	31.84464	14.18403	53.97133	34.16824	19.80309	29.11653	3
1671.42	1672.349	1311.349	97.84703	121.8539	97.00922	96.136	26.98516	11.46465	61.55019	32.25918	29.29101	28.88594	3
1671.425	1672.356	1311.356	92.66673	72.72804	91.4513	88.22984	46.56597	3.890366	49.54367	22.12485	27.41881	30.95391	3
1671.43	1672.362	1311.362	89.46886	52.1336	88.28884	85.86979	54.2175	1.602814	44.17968	28.05861	16.12107	32.0078	3
1671.435	1672.369	1311.369	91.2979	66.85187	90.09427	87.67523	49.15587	3.080876	47.76325	23.32953	24.43373	31.14231	3
1671.44	1672.375	1311.375	97.38682	93.76807	96.93842	92.92633	31.18742	11.56736	57.24522	25.01976	32.22546	29.67602	3
1671.445	1672.382	1311.382	92.28912	54.77927	91.78171	91.95871	45.76986	5.690243	48.5399	17.93465	30.60525	30.33403	3
1671.45	1672.388	1311.388	97.45763	81.96003	96.84401	96.59621	35.26015	9.85217	54.88768	36.28691	18.60077	29.31339	3
1671.455	1672.395	1311.395	92.08852	83.19932	90.79049	86.08219	45.20404	4.04245	50.75351	16.39913	34.35438	30.91799	3
1671.46	1672.401	1311.401	86.08219	45.6726	84.71336	82.81353	60.36003	0	39.63997	17.11554	22.52443	32.40746	3
1671.465	1672.408	1311.408	87.27402	37.69382	87.20322	87.20322	51.13471	3.872291	44.993	21.12807	23.86493	31.10334	3
1671.47	1672.414	1311.414	91.56931	61.36559	90.62529	92.14752	48.22192	3.899841	47.87824	33.6744	14.20384	30.34215	3
1671.475	1672.421	1311.421	90.43648	47.41317	89.62227	87.88763	51.63463	3.055441	45.30993	23.91449	21.39544	31.54613	3
1671.48	1672.427	1311.427	101.3635	107.7205	100.5847	97.20982	26.71304	13.08443	60.20253	25.13891	35.06362	29.45366	3
1671.485	1672.434	1311.434	96.3602	70.62543	95.84099	95.81739	38.28114	8.950402	52.76846	20.97982	31.78863	29.54835	3
1671.49	1672.44	1311.44	95.43978	62.45171	94.79077	94.41316	42.11194	7.167005	50.72106	31.77307	18.94798	30.04991	3
1671.495	1672.447	1311.447	98.88546	69.06588	98.61405	98.49605	34.41483	12.0501	53.53507	38.65512	14.87995	29.24133	3
1671.5	1672.453	1311.453	104.3608	68.52282	104.172	104.054	28.8688	17.55106	53.58014	24.96744	28.61271	28.72736	3
1671.505	1672.46	1311.46	101.4343	83.90947	100.8679	100.1363	30.76403	13.02928	56.20668	37.73026	18.47643	29.13235	3
1671.51	1672.466	1311.466	104.3844	100.3265	104.0894	103.8534	21.97365	18.83255	59.19379	29.84396	29.34983	28.59705	3
1671.515	1672.473	1311.473	99.86488	88.54636	99.14506	98.31904	32.27466	11.17749	56.54785	25.41003	31.13782	29.25227	3
1671.52	1672.479	1311.479	94.03556	68.06331	93.90575	94.34236	38.02194	9.377597	52.60047	35.35641	17.24405	29.37105	3
1671.525	1672.486	1311.486	107.3934	158.5452	108.6089	107.0394	0	41.26089	58.73911	58.73911	0	-9999	3
1671.53	1672.492	1311.492	104.231	133.6063	104.3136	104.6086	11.13463	24.08721	64.77816	40.05118	24.72698	28.70349	3
1671.535	1672.499	1311.499	103.1099	139.7609	103.7	107.8772	6.744113	27.35186	65.90402	59.67349	6.230535	-9999	3
1671.54	1672.505	1311.505	104.762	81.61192	104.6558	107.6766	24.69196	19.56731	55.74072	42.17304	13.56769	27.93164	3
1671.545	1672.512	1311.512	106.9804	89.32613	107.3698	107.8064	16.94318	27.49613	55.56069	37.84475	17.71594	27.94313	3
1671.55	1672.518	1311.518	106.9332	72.90906	107.1456	106.6972	22.33131	24.58728	53.08141	25.23131	27.85009	28.16625	3
1671.555	1672.525	1311.525	102.8621	80.17769	102.9683	101.9063	25.14077	19.14112	55.71811	30.9109	24.80722	28.72484	3
1671.56	1672.531	1311.531	97.44583	123.135	95.53419	89.33906	35.36638	5.316791	59.31683	25.28503	34.03181	30.35055	3
1671.565	1672.538	1311.538	94.97958	78.68776	93.57535	91.3569	44.45913	4.211293	51.32958	27.24384	24.08574	30.59874	3
1671.57	1672.544	1311.544	87.94663	49.5854	87.56902	87.04981	50.01589	3.862787	46.12132	18.66725	27.45407	30.91356	3
1671.575	1672.551	1311.551	85.40958	62.36816	85.06737	84.34756	48.9822	3.825281	47.19252	25.51516	21.67736	30.51372	3
1671.58	1672.558	1311.558	91.79351	64.35937	91.81711	91.1563	39.7921	8.463403	51.7445	24.92722	26.81727	29.7027	3
1671.585	1672.564	1311.564	90.84949	109.475	91.00289	90.73149	28.73665	11.51203	59.75132	30.41684	29.33448	28.6274	3
1671.59	1672.571	1311.571	88.98505	169.0304	85.83439	83.43894	41.64605	2.399912	55.95404	32.27385	23.68019	28.8423	3
1671.595	1672.577	1311.577	87.47462	87.0425	86.3418	84.33576	47.23844	3.544034	49.21752	20.366	28.85152	30.31024	3
1671.6	1672.584	1311.584	94.61377	78.54851	94.03556	94.61377	38.42774	8.167754	53.40451	27.25543	26.14908	29.35311	3
1671.605	1672.59	1311.59	99.21586	85.42725	99.51087	101.7175	25.76171	17.12327	57.11502	25.25828	31.85674	28.23447	3
1671.61	1672.597	1311.597	101.0567	107.999	101.9535	103.1571	13.94174	24.96604	61.09222	45.82479	15.26744	28.32846	3
1671.615	1672.603	1311.603	99.91208	97.84797	100.5493	104.3372	19.46328	21.02306	59.51366	36.62197	22.89169	27.80972	3
1671.62	1672.61	1311.61	97.35142	108.2218	98.36624	99.88848	16.38216	21.37748	62.24036	48.52548	13.71489	28.37222	3
1671.625	1672.616	1311.616	91.3805	76.80794	89.82287	88.26524	49.41407	2.317403	48.26853	14.94896	33.31957	30.93039	3
1671.63	1672.623	1311.623	97.94144	154.7298	95.53419	89.20926	31.10544	4.840741	64.05382	32.14087	31.91295	30.03999	3
1671.635	1672.629	1311.629	102.3547	168.1392	101.3163	96.1242	13.19173	15.96345	70.84482	45.60987	25.23496	29.98729	3
1671.64	1672.636	1311.636	103.4167	101.162	103.4521	105.6706	20.10103	20.59436	59.30461	38.62034	20.68427	28.06697	3
1671.645	1672.642	1311.642	99.99468	94.49215	99.48727	95.72299	29.07023	13.06763	57.86214	23.18689	34.67525	29.56714	3
1671.65	1672.649	1311.649	99.41647	103.0697	98.92086	96.90301	27.43497	13.30416	59.26088	38.94511	20.31577	29.15561	3
1671.655	1672.655	1311.655	103.4757	102.2064	102.8739	101.1157	24.73242	15.63687	59.63072	28.29476	31.33595	29.05417	3
1671.66	1672.662	1311.662	106.2016	122.759	105.4936	104.5496	18.07395	18.51351	63.41254	34.32868	29.08386	28.87619	3
1671.665	1672.668	1311.668	108.3729	113.3739	108.5145	110.7919	11.76308	28.64394	59.59299	47.80323	11.78976	27.83602	3
1671.67	1672.675	1311.675	107.0512	115.4347	106.9096	109.0573	14.6751	24.18442	61.14048	37.74982	23.39066	28.0447	3
1671.675	1672.681	1311.681	104.4552	92.0832	103.3931	103.8534	29.84778	12.03588	58.11634	23.43019	34.68616	29.00922	3
1671.68	1672.688	1311.688	105.6116	117.8158	103.3341	100.3605	31.97612	4.510474	63.5134	37.14758	26.36583	30.2709	3
1671.685	1672.694	1311.694	110.8745	107.4002	110.7093	110.6267	13.28493	28.50578	58.20929	44.51209	13.6972	28.08426	3
1671.69	1672.701	1311.701	114.4854	136.5026	115.3232	110.6031	0	50.59711	49.40289	49.40289	0	-9999	3
1671.695	1672.707	1311.707	114.6506	127.7162	113.5532	112.6681	12.11918	23.155	64.72582	50.28978	14.43604	28.8312	3

1671.7	1672.714	1311.714	110.5323	93.74022	109.2697	106.7798	25.41051	14.87175	59.71775	35.95677	23.76097	29.38152	3
1671.705	1672.72	1311.72	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1672.02	1673.13	1312.13	101.2927	59.62502	102.1069	107.6058	26.07128	21.37907	52.54965	29.37538	23.17428	27.42581	6
1672.025	1673.136	1312.136	107.1574	37.29	107.3816	108.3847	30.6534	22.61112	46.73548	22.40631	24.32917	28.15389	6
1672.03	1673.143	1312.143	118.5565	194.5124	121.0345	125.4832	0	96.36988	3.630125	3.630125	0	-9999	6
1672.035	1673.15	1312.15	115.335	281.346	120.3383	123.3592	0	100	0	0	0	-9999	6
1672.04	1673.156	1312.156	113.4942	177.1206	114.9102	121.5537	0	59.13339	40.86661	40.86661	0	-9999	6
1672.045	1673.163	1312.163	116.0902	159.9237	117.636	121.4593	0	67.74917	32.25083	32.25083	0	-9999	6
1672.05	1673.169	1312.169	113.7302	234.7265	112.8687	123.3592	0	32.40615	67.59385	67.59385	0	-9999	6
1672.055	1673.176	1312.176	115.3114	250.2385	119.5123	122.6629	0	100	0	0	0	-9999	6
1672.06	1673.182	1312.182	120.4091	163.5998	124.8932	128.1973	0	100	0	0	0	-9999	6
1672.065	1673.189	1312.189	119.5359	180.1143	124.4448	129.9437	0	100	0	0	0	-9999	6
1672.07	1673.195	1312.195	119.9135	161.4276	125.082	128.0439	0	100	0	0	0	-9999	6
1672.075	1673.202	1312.202	117.8366	173.5698	121.1997	129.1767	0	100	0	0	0	-9999	6
1672.08	1673.208	1312.208	114.3792	190.7388	114.0252	111.2285	0	37.12888	62.87112	62.87112	0	-9999	6
1672.085	1673.215	1312.215	111.2285	192.7022	107.8536	101.8827	17.19109	0	82.80891	50.7732	32.03572	31.20281	6
1672.09	1673.221	1312.221	108.2312	189.7919	105.2104	108.9393	17.90929	3.311661	78.77905	43.68402	35.09503	29.25776	6
1672.095	1673.228	1312.228	112.2905	200.7366	110.3907	107.5232	2.838198	16.19884	80.96296	74.28631	6.676655	-9999	6
1672.1	1673.234	1312.234	116.8926	170.6456	118.5447	110.6975	0	72.95563	27.04437	27.04437	0	-9999	6
1672.105	1673.241	1312.241	115.1108	205.0672	117.1404	118.9695	0	75.36426	24.63574	24.63574	0	-9999	6
1672.11	1673.247	1312.247	112.6799	245.6434	109.0337	115.9722	5.147388	0	94.85261	73.6274	21.22521	-9999	6
1672.115	1673.254	1312.254	110.1311	223.3223	105.352	101.5287	21.67342	0	78.32658	39.97113	38.35546	16.67087	6
1672.12	1673.26	1312.26	106.4494	196.5453	102.3193	99.47547	26.51073	0	73.48927	42.64958	30.83969	23.96169	6
1672.125	1673.267	1312.267	101.4933	134.8038	98.51965	96.3956	37.04951	0.327035	62.62345	20.58034	42.04311	30.24357	6
1672.13	1673.273	1312.273	102.2603	148.603	98.66125	96.60801	37.85139	0	62.14861	27.76883	34.37978	26.57192	6
1672.135	1673.28	1312.28	93.72875	134.5949	91.4985	87.79323	38.48199	3.811235	57.70678	23.83769	33.86909	29.72271	6
1672.14	1673.286	1312.286	88.00563	36.20389	87.76963	85.48038	52.10252	3.506179	44.39131	30.96225	13.42905	31.71956	4
1672.145	1673.293	1312.293	83.60414	37.17861	83.12033	81.4565	57.83649	1.05139	41.11212	27.67058	13.44153	32.36264	4
1672.15	1673.299	1312.299	82.90793	47.32962	82.43592	81.5273	55.92901	1.546168	42.52482	24.0221	18.50272	31.6818	4
1672.155	1673.306	1312.306	80.50068	47.8866	80.20567	81.11429	56.63712	1.309696	42.05319	25.92777	16.12542	31.32172	4
1672.16	1673.312	1312.312	81.4683	71.30774	81.29129	78.97845	49.16447	3.506394	47.32913	23.41881	23.91033	30.48066	4
1672.165	1673.319	1312.319	82.34152	70.27732	81.5391	79.20265	53.45742	2.016103	44.52647	17.82982	26.69666	31.13094	4
1672.17	1673.325	1312.325	83.22653	44.14089	82.82533	80.55968	55.85886	1.636912	42.50423	29.63322	12.87101	31.98995	4
1672.175	1673.332	1312.332	83.72214	41.56485	83.21473	82.84893	56.84937	1.316674	41.83396	28.31518	13.51878	31.8803	4
1672.18	1673.338	1312.338	80.59508	36.13427	79.99327	80.01687	61.77208	0	38.22792	25.50375	12.72417	32.33545	4
1672.185	1673.345	1312.345	80.68948	44.72573	79.83986	78.25863	61.52659	0	38.47341	18.49623	19.97718	32.41085	4
1672.19	1673.351	1312.351	80.70128	56.03248	79.76906	77.77482	59.41966	0.316832	40.26351	27.83654	12.42697	32.21265	4
1672.195	1673.358	1312.358	81.96391	63.87201	81.91671	76.38239	49.50199	3.529264	46.96875	18.27856	28.69019	31.26815	4
1672.2	1673.364	1312.364	80.00507	54.11089	79.50946	74.16395	57.14148	1.088073	41.77045	19.59022	22.18022	32.41846	4
1672.205	1673.371	1312.371	80.92549	47.87268	81.05529	81.01989	52.95739	2.549662	44.49294	21.33367	23.15927	30.94234	4
1672.21	1673.377	1312.377	80.41808	40.92432	80.48888	79.66286	55.56297	1.745572	42.69145	24.76396	17.92749	31.58566	4
1672.215	1673.384	1312.384	80.27647	38.73816	79.72186	77.70402	61.06925	0	38.93075	23.79271	15.13804	32.79326	4
1672.22	1673.39	1312.39	78.24683	32.01259	78.18783	77.82202	60.72313	0.127542	39.14933	21.17362	17.97571	32.46224	4
1672.225	1673.397	1312.397	78.47104	28.67069	78.23503	77.71582	62.69738	0	37.30262	17.6445	19.65812	32.34836	4
1672.23	1673.403	1312.403	74.89556	32.31893	74.71856	71.7095	64.64668	0	35.35332	22.51438	12.83895	32.15096	1
1672.235	1673.41	1312.41	72.0753	20.27418	72.0163	71.36729	69.24163	0	30.75837	7.211689	23.54668	31.10075	1
1672.24	1673.416	1312.416	70.09286	15.70692	69.76246	69.45565	74.27414	0	25.72586	14.99967	10.72619	30.71033	1
1672.245	1673.423	1312.423	69.11344	17.23862	69.49105	70.38787	69.31743	0	30.68257	13.69981	16.98277	30.49549	1
1672.25	1673.429	1312.429	69.08984	25.20348	69.39665	69.14884	67.96035	0	32.03965	22.26243	9.777214	30.80243	1
1672.255	1673.436	1312.436	69.58545	25.66299	69.21965	68.20482	72.60595	0	27.39405	21.33808	6.055975	30.8755	1
1672.26	1673.442	1312.442	71.9691	23.61607	72.0635	71.7803	67.34172	0	32.65828	15.41373	17.24455	31.15396	1
1672.265	1673.449	1312.449	68.81844	43.44467	68.57063	69.32585	68.09392	0	31.90608	18.18946	13.71663	30.7187	1
1672.27	1673.455	1312.455	67.47321	34.76966	66.8596	65.58517	74.26589	0	25.73411	14.57523	11.15889	30.91657	1
1672.275	1673.462	1312.462	66.8478	40.6876	65.85658	64.28714	76.33559	0	23.66441	9.895577	13.76884	31.11795	1
1672.28	1673.468	1312.468	67.98062	37.42925	67.36701	66.8478	73.15545	0	26.84455	17.22267	9.621885	30.80725	1
1672.285	1673.475	1312.475	67.88622	35.9254	66.68259	64.86536	78.17882	0	21.82118	19.72069	2.100489	31.21197	1
1672.29	1673.481	1312.481	69.76246	27.86307	69.03084	67.47321	74.74569	0	25.25431	11.85849	13.39582	31.00001	1
1672.295	1673.488	1312.488	69.82146	32.75059	69.12524	68.09862	73.23428	0	26.76572	14.18698	12.57874	30.93302	1
1672.3	1673.494	1312.494	69.89226	35.93932	69.08984	67.42601	73.22053	0	26.77947	19.81297	6.966494	31.07481	1
1672.305	1673.501	1312.501	68.60603	23.79709	68.09862	67.131	75.05598	0	24.94402	3.998505	20.94551	30.81225	1
1672.31	1673.507	1312.507	68.20482	22.62743	68.07502	67.54401	72.78169	0	27.21831	9.915	17.30331	30.6623	1
1672.315	1673.514	1312.514	68.88924	24.10343	69.01904	68.01602	69.7829	0	30.2171	22.32816	7.888945	30.85156	1
1672.32	1673.52	1312.52	68.90104	25.05031	68.62963	66.7888	72.65226	0	27.34774	20.94962	6.39812	30.97752	1
1672.325	1673.527	1312.527	68.77124	23.49075	68.07502	66.7888	76.44136	0	23.55864	19.16945	4.389185	30.91186	1
1672.33	1673.533	1312.533	69.01904	28.07194	68.38183	67.27261	74.64747	0	25.35253	22.3549	2.997627	30.88937	1
1672.335	1673.54	1312.54	73.36153	36.10642	74.47075	76.27619	55.17316	1.267667	43.55917	24.43238	19.12679	30.81633	1
1672.34	1673.546	1312.546	75.93398	43.27757	78.40023	81.11429	40.55412	5.7245	53.72138	28.74586	24.97552	29.14544	1
1672.345	1673.553	1312.553	76.07559	47.84483	78.81324	81.5273	37.21518	6.746193	56.03863	28.43848	27.60015	28.92088	1
1672.35	1673.559	1312.559	75.52098	48.44359	77.56242	82.35332	42.97618	4.899884	52.12394	32.14796	19.97598	28.79806	1
1672.355	1673.566	1312.566	75.93398	54.6818	78.44744	81.04349	37.42849	6.603609	55.9679	36.61188	19.35602	28.81689	1
1672.36	1673.572	1312.572	77.40901	27.33394	79.09645	80.79568	49.09128	3.572837	47.33589	24.6506	22.68529	30.37163	1
1672.365	1673.579	1312.579	77.81022	26.03895	78.75424	79.23805	54.79702	1.899064	43.30392	16.12143	27.18249	31.38637	1
1672.37	1673.585	1312.585	77.40901	29.21375	78.61264	80.44168	52.38589	2.554732	45.05938	22.41874	22.64064	30.71917	1

1672.375	1673.592	1312.592	78.08163	19.06274	78.50644	79.94607	60.25945	0.316052	39.4245	25.7902	13.6343	32.28066	1
1672.38	1673.598	1312.598	76.7482	28.48968	77.56242	77.75122	56.18697	1.354543	42.45848	21.41033	21.04815	31.56625	1
1672.385	1673.605	1312.605	78.15243	26.70733	79.21445	80.76028	53.40592	2.368174	44.2259	21.87548	22.35042	30.98512	1
1672.39	1673.611	1312.611	76.8072	21.20712	77.76302	80.19387	56.79765	1.201118	42.00123	15.00194	26.99929	31.3956	1
1672.395	1673.618	1312.618	75.75698	17.8513	75.92218	76.01659	64.70324	0	35.29676	7.307872	27.98889	31.84137	1
1672.4	1673.624	1312.624	73.98694	14.5651	74.30555	74.55336	65.93806	0	34.06194	21.56024	12.5017	31.47298	1
1672.405	1673.631	1312.631	73.71554	11.19536	74.10495	74.43535	66.45452	0	33.54548	17.84012	15.70536	31.39313	1
1672.41	1673.637	1312.637	72.68892	16.1525	72.71252	72.0635	69.03439	0	30.96561	6.295657	24.66996	31.18128	6
1672.415	1673.644	1312.644	70.85988	24.82751	70.04566	69.14884	75.11083	0	24.88917	23.44002	1.44915	30.89219	6
1672.42	1673.65	1312.65	71.13129	32.40248	70.12826	69.84506	74.49123	0	25.50877	16.23019	9.278582	30.81604	6
1672.425	1673.657	1312.657	71.54429	20.98433	71.43809	71.22569	69.92411	0	30.07589	11.28573	18.79016	30.93176	6
1672.43	1673.663	1312.663	73.71554	18.51968	73.88074	74.35275	66.41962	0	33.58038	10.4738	23.10658	31.30902	6
1672.435	1673.67	1312.67	77.29101	18.29689	77.86922	77.17301	59.98328	0.336167	39.68055	23.48905	16.1915	32.60218	6
1672.44	1673.676	1312.676	80.55968	37.26216	80.44168	81.86951	57.78217	1.061985	41.15584	30.47335	10.68249	31.61384	6
1672.445	1673.683	1312.683	79.54486	18.11587	79.67466	80.55968	61.42872	0.05293	38.51835	15.83483	22.68352	32.69526	6
1672.45	1673.689	1312.689	78.56544	14.23091	78.42384	78.76604	65.37334	0	34.62666	14.21216	20.41451	32.02903	6
1672.455	1673.696	1312.696	79.12005	20.14886	79.37965	79.65106	60.32159	0.360949	39.31746	19.16521	20.15225	32.53469	6
1672.46	1673.702	1312.702	80.39448	19.28553	80.51248	80.68948	60.45546	0.397934	39.1466	15.01199	24.13461	32.6538	6
1672.465	1673.709	1312.709	81.00809	24.27053	80.81928	80.60688	61.06232	0.148311	38.78937	21.11858	17.67079	32.78756	6
1672.47	1673.715	1312.715	80.73668	20.16278	80.64228	80.48888	61.57447	0.027013	38.39851	25.30211	13.0964	32.93838	6
1672.475	1673.722	1312.722	80.54788	19.74504	80.37088	80.68948	62.48943	0	37.51057	22.69586	14.81471	32.6552	6
1672.48	1673.728	1312.728	79.76906	19.03489	80.07587	80.40628	59.62827	0.635264	39.73647	21.1982	18.53827	32.44258	6
1672.485	1673.735	1312.735	80.06407	20.2881	80.30007	79.93427	59.6023	0.648647	39.74905	12.06127	27.68778	32.55691	6
1672.49	1673.742	1312.742	80.01687	15.80439	80.41808	81.7397	59.45046	0.74985	39.79969	12.42325	27.37645	32.29525	6
1672.495	1673.748	1312.748	81.09069	11.18143	81.32669	81.32669	60.86162	0.417352	38.72103	25.58091	13.14011	32.9407	6
1672.5	1673.755	1312.755	82.83713	16.47277	82.56572	82.77812	61.90683	0.009566	38.08361	20.38788	17.69573	33.11066	6
1672.505	1673.761	1312.761	82.16451	21.62486	81.7161	81.91671	62.6506	0	37.3494	13.72041	23.62899	32.65366	6
1672.51	1673.768	1312.768	81.96391	18.08802	81.89311	83.21473	60.76462	0.37379	38.86159	22.70806	16.15353	32.59964	6
1672.515	1673.774	1312.774	86.271	18.89564	86.2238	86.2238	56.42374	2.227832	41.34842	27.62937	13.71905	32.18905	6
1672.52	1673.781	1312.781	90.74329	22.46034	90.49548	90.05887	53.00126	3.857895	43.14084	19.36185	23.77899	31.78401	6
1672.525	1673.787	1312.787	93.02074	22.00082	93.53995	95.28638	45.07284	8.785358	46.1418	29.90069	16.24111	30.16648	6
1672.53	1673.794	1312.794	93.45734	21.23497	93.50454	94.29516	48.51457	6.719962	44.76547	16.91352	27.85195	30.87846	6
1672.535	1673.8	1312.8	94.20076	18.68678	94.41316	92.89093	47.16697	7.898734	44.9343	24.37628	20.55802	31.11267	6
1672.54	1673.807	1312.807	94.03556	22.15399	94.05916	92.59593	47.94312	7.052201	45.00468	20.94402	24.06067	31.20893	6
1672.545	1673.813	1312.813	92.93813	20.77546	92.67853	92.63133	51.4812	4.887959	43.63084	17.09445	26.53639	31.53196	6
1672.55	1673.82	1312.82	91.05009	26.65163	90.66069	91.02649	52.80213	3.693809	43.50406	27.46844	16.03562	31.57468	6
1672.555	1673.826	1312.826	92.56053	39.43439	91.59291	91.3805	52.80025	2.707991	44.49176	21.87266	22.6191	31.65156	6
1672.56	1673.833	1312.833	94.24796	49.41831	93.04434	91.1917	50.66074	2.948067	46.3912	32.89996	13.49123	31.60615	6
1672.565	1673.839	1312.839	97.25702	42.70666	96.54901	94.41316	45.67564	6.537172	47.78719	16.79882	30.98836	31.00661	6
1672.57	1673.846	1312.846	97.69363	46.73086	96.99742	95.75839	44.20865	7.135184	48.65617	16.86825	31.78791	30.62351	6
1672.575	1673.852	1312.852	94.23616	49.09804	94.02376	93.74055	43.06714	7.808091	49.12477	28.11467	21.0101	30.15442	6
1672.58	1673.859	1312.859	93.48094	36.96974	93.33934	93.41014	46.14828	6.871529	46.98019	26.18289	20.7973	30.55605	6
1672.585	1673.865	1312.865	93.74055	37.54065	93.16234	93.35114	49.155	4.935523	45.90948	30.66731	15.24217	31.01263	6
1672.59	1673.872	1312.872	93.96475	32.73667	93.45734	91.56931	49.56258	5.07564	45.36178	26.62654	18.73523	31.50178	6
1672.595	1673.878	1312.878	99.75867	50.56012	98.95626	99.47547	42.2052	8.008321	49.78648	26.27605	23.51043	30.08147	6
1672.6	1673.885	1312.885	100.3959	39.00273	99.56987	101.4579	44.59876	7.478517	47.92273	20.06935	27.85337	30.21393	6
1672.605	1673.891	1312.891	98.67305	54.89066	97.69363	98.13024	43.52776	6.555943	49.9163	28.17548	21.74082	30.25592	6
1672.61	1673.898	1312.898	100.7853	51.18673	100.7971	101.5759	34.79889	14.37022	50.83089	29.23239	21.5985	29.05102	6
1672.615	1673.904	1312.904	95.84099	56.60339	94.74357	92.41892	46.63329	4.618981	48.74773	22.79517	25.95256	31.08554	6
1672.62	1673.911	1312.911	99.16866	56.03248	99.22766	101.5287	34.74771	13.53753	51.71476	22.42431	29.29045	28.784	6
1672.625	1673.917	1312.917	98.96806	44.0852	99.00346	99.72327	38.00641	12.40084	49.59274	19.57773	30.01502	29.41652	6
1672.63	1673.924	1312.924	98.42525	37.20646	98.60225	100.0301	39.07303	12.36629	48.56068	19.22109	29.33959	29.40407	6
1672.635	1673.93	1312.93	98.15384	35.24309	98.29544	98.80285	40.07222	11.77146	48.15633	30.77508	17.38125	29.70275	6
1672.64	1673.937	1312.937	93.22134	76.86364	90.92029	85.49218	53.46848	0	46.53152	12.81562	33.7159	31.84538	6
1672.645	1673.943	1312.943	99.14506	80.53973	99.12146	100.7735	29.47883	14.6312	55.88997	29.09435	26.79561	28.52138	6
1672.65	1673.95	1312.95	101.2573	62.42386	101.7175	101.1865	28.17008	18.87196	52.95796	24.12729	28.83067	28.71114	6
1672.655	1673.956	1312.956	102.4255	39.7825	102.9565	103.6764	32.02581	19.26475	48.70944	28.81561	19.89383	28.61452	6
1672.66	1673.963	1312.963	102.2013	29.32515	102.2131	103.3223	38.78664	14.28233	46.93102	30.28915	16.64187	29.36871	6
1672.665	1673.969	1312.969	102.3783	42.72059	102.0007	99.85308	38.40002	12.40647	49.19351	26.17587	23.01764	30.02645	6
1672.67	1673.976	1312.976	102.6379	50.50442	103.2869	101.4697	28.32118	21.19555	50.48327	25.32242	25.16084	28.7996	6
1672.675	1673.982	1312.982	103.2987	36.35706	103.0037	102.5553	38.45304	13.45473	48.09223	17.9829	30.10933	29.67161	6
1672.68	1673.989	1312.989	102.2485	112.7751	102.3547	101.8827	17.81671	20.68491	61.49838	48.20185	13.29653	28.62506	6
1672.685	1673.995	1312.995	112.1017	210.1357	111.1105	109.5057	0	27.27953	72.72047	72.72047	0	-9999	6
1672.69	1674.002	1313.002	118.8043	148.4777	119.8781	123.194	0	67.62653	32.37347	32.37347	0	-9999	6
1672.695	1674.008	1313.008	121.0581	93.93517	121.1407	120.9047	5.254064	51.84897	42.89696	37.0189	5.87806	-9999	6
1672.7	1674.015	1313.015	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1673	1674.405	1313.405	131.2181	238.7368	129.3183	117.341	0	35.55074	64.44926	64.44926	0	-9999	6
1673.005	1674.412	1313.412	127.0998	212.3776	126.2856	132.0087	0	55.45835	44.54165	44.54165	0	-9999	6
1673.01	1674.418	1313.418	125.9906	237.6925	126.7458	139.5727	0	93.68	6.319997	6.319997	0	-9999	6
1673.015	1674.425	1313.425	122.8753	157.4869	121.4357	128.7991	0	29.76034	70.23966	70.23966	0	-9999	6
1673.02	1674.431	1313.431	122.3325	149.0765	119.9253	114.9574	10.03374	10.17637	79.78989	69.39048	10.39941	31.2266	6
1673.025	1674.438	1313.438	122.3679	158.6427	119.9607	118.9577	7.686158	10.83646	81.47738	78.54746	2.929928	-9999	6
1673.03	1674.444	1313.444	122.5213	174.5306	122.3089	119.5595	0	55.174	44.826	44.826	0	-9999	6

1673.035	1674.451	1313.451	117.3882	88.0033	117.3292	116.5268	11.16328	40.1758	48.66092	32.00317	16.65774	26.75539	6
1673.04	1674.457	1313.457	115.571	123.7059	113.27	108.6207	21.57097	7.537298	70.89173	41.13685	29.75489	30.67884	3
1673.045	1674.464	1313.464	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1673.055	1674.477	1313.477	127.6426	44.04342	128.2563	124.3268	7.154759	84.00647	8.838766	4.274835	4.563931	-9999	3
1673.06	1674.483	1313.483	132.0087	131.1277	133.1062	134.4278	0	100	0	0	0	-9999	3
1673.065	1674.49	1313.49	131.3125	112.9979	131.7255	133.0708	0	99.88303	0.116974	0.116974	0	-9999	3
1673.07	1674.496	1313.496	122.8163	85.09306	122.5803	122.5921	8.245477	49.40315	42.35137	30.53719	11.81418	25.26774	3
1673.075	1674.503	1313.503	134.0738	97.44416	134.0502	132.3627	0	97.17451	2.82549	2.82549	0	-9999	3
1673.08	1674.509	1313.509	134.3688	79.27259	134.4042	136.7996	0	99.65477	0.345227	0.345227	0	-9999	3
1673.085	1674.516	1313.516	131.3007	127.7997	132.4571	133.0472	0	100	0	0	0	-9999	3
1673.09	1674.522	1313.522	124.1616	169.5177	124.256	123.5362	0	66.20297	33.79703	33.79703	0	-9999	3
1673.095	1674.529	1313.529	123.8784	106.6901	124.669	126.0142	0	77.08154	22.91846	22.91846	0	-9999	3
1673.1	1674.535	1313.535	125.1056	82.62841	125.1292	125.967	4.723873	61.67398	33.60215	33.60215	0	-9999	3
1673.105	1674.542	1313.542	127.7842	77.92191	127.029	125.2354	9.434309	49.64307	40.92262	24.41012	16.5125	24.80851	3
1673.11	1674.548	1313.548	125.8254	61.37952	126.2384	126.2384	6.185965	72.34361	21.47042	15.83196	5.638462	-9999	3
1673.115	1674.555	1313.555	127.4184	105.8268	128.3979	129.7785	0	97.39899	2.601006	2.601006	0	-9999	3
1673.12	1674.561	1313.561	122.8163	329.6503	122.8989	121.5065	0	72.67673	27.32327	27.32327	0	-9999	3
1673.125	1674.568	1313.568	117.1876	170.033	116.6212	116.279	0	37.25435	62.74565	62.74565	0	-9999	3
1673.13	1674.574	1313.574	122.2145	155.3008	121.7543	121.4593	0	48.05306	51.94694	51.94694	0	-9999	3
1673.135	1674.581	1313.581	127.0054	126.3516	126.9228	126.8756	0	68.22515	31.77485	31.77485	0	-9999	3
1673.14	1674.587	1313.587	128.2327	94.68709	128.0439	128.0439	0.574908	67.42376	32.00133	32.00133	0	-9999	3
1673.145	1674.594	1313.594	126.6868	89.61855	126.2502	125.5304	5.14415	55.6359	39.21995	32.38331	6.836637	-9999	3
1673.15	1674.6	1313.6	124.315	95.07698	123.9138	124.197	5.730955	50.36093	43.90811	43.90811	0	-9999	3
1673.155	1674.607	1313.607	125.6248	91.45659	124.7634	124.02	8.968671	42.69327	48.33806	31.71931	16.61875	25.93	3
1673.16	1674.613	1313.613	125.7074	145.0383	124.4212	123.4418	0	36.57688	63.42312	63.42312	0	-9999	3
1673.165	1674.62	1313.62	121.5655	158.7958	123.2766	126.2266	0	91.71644	8.283562	8.283562	0	-9999	3
1673.17	1674.626	1313.626	120.4209	108.0686	121.4947	124.0908	0	70.42204	29.57796	29.57796	0	-9999	3
1673.175	1674.633	1313.633	113.9308	99.90881	114.6978	117.7304	5.061393	45.7689	49.16971	45.29646	3.873249	-9999	3
1673.18	1674.639	1313.639	110.5795	93.54528	111.2403	112.4557	10.5076	36.81199	52.68041	43.15825	9.52216	27.24318	3
1673.185	1674.646	1313.646	117.4	74.9699	117.2466	116.3852	15.03813	37.79412	47.16775	35.40055	11.7672	26.70665	3
1673.19	1674.652	1313.652	119.3117	71.97611	120.0433	119.4179	7.145022	57.74323	35.11174	35.11174	0	-9999	3
1673.195	1674.659	1313.659	121.6009	48.23472	121.7661	121.8369	15.17402	51.90366	32.92231	16.84257	16.07974	24.33197	3
1673.2	1674.665	1313.665	118.4385	69.66464	118.5211	118.7217	13.53761	43.64165	42.82073	20.43394	22.38679	25.82532	3
1673.205	1674.672	1313.672	118.2143	97.82012	119.0285	119.0049	1.260238	57.69092	41.04884	41.04884	0	-9999	3
1673.21	1674.678	1313.678	117.4	118.3171	117.7658	119.9253	0.524222	49.20764	50.26814	50.26814	0	-9999	3
1673.215	1674.685	1313.685	118.1907	104.7546	119.3117	121.0345	0	63.53648	36.46352	36.46352	0	-9999	3
1673.22	1674.691	1313.691	121.4711	73.81416	122.6983	124.2324	0.872548	75.18314	23.94432	23.94432	0	-9999	3
1673.225	1674.698	1313.698	116.8218	174.7116	120.0669	123.607	0	100	0	0	0	-9999	3
1673.23	1674.704	1313.704	114.7922	168.6405	117.4236	118.8869	0	81.45785	18.54215	18.54215	0	-9999	3
1673.235	1674.711	1313.711	117.5652	103.8077	119.3353	122.2145	0	72.92644	27.07356	27.07356	0	-9999	3
1673.24	1674.717	1313.717	120.6569	92.75158	121.4711	124.3858	0.239588	65.02456	34.73585	34.73585	0	-9999	3
1673.245	1674.724	1313.724	115.4766	77.85228	116.1374	116.6684	9.799973	46.43336	43.76667	42.0365	1.730165	26.03136	3
1673.25	1674.73	1313.73	117.4826	76.90541	118.0608	119.6539	8.823721	50.1669	41.00938	27.7297	13.27968	25.31855	3
1673.255	1674.737	1313.737	114.509	111.9675	115.8306	118.2261	0	56.18509	43.81491	43.81491	0	-9999	3
1673.26	1674.743	1313.743	117.2466	116.855	119.5241	121.8015	0	81.69846	18.30154	18.30154	0	-9999	3
1673.265	1674.75	1313.75	120.6451	116.4373	122.7809	125.1292	0	93.7988	6.201201	6.201201	0	-9999	3
1673.27	1674.756	1313.756	122.5213	95.84283	123.4772	127.5364	0	74.8654	25.1346	25.1346	0	-9999	3
1673.275	1674.763	1313.763	124.7044	77.32315	124.9994	126.8638	4.273465	66.45225	29.27428	23.68857	5.58571	-9999	3
1673.28	1674.769	1313.769	123.3238	93.43388	124.1852	126.1794	0	75.67013	24.32987	24.32987	0	-9999	3
1673.285	1674.776	1313.776	122.6393	76.57122	122.6039	121.6363	8.915923	52.5828	38.50128	20.14314	18.35814	24.95002	3
1673.29	1674.782	1313.782	127.9849	68.25825	128.4569	127.9141	2.077362	83.16116	14.76148	14.76148	0	-9999	3
1673.295	1674.789	1313.789	127.678	47.19038	127.8197	127.7724	10.0187	71.30087	18.68043	7.064957	11.61547	21.32005	3
1673.3	1674.795	1313.795	122.6747	77.67126	123.3238	124.5864	3.312936	67.46694	29.22013	29.22013	0	-9999	3
1673.305	1674.802	1313.802	123.2884	51.42345	123.5716	124.2324	11.93539	59.71042	28.35419	23.2093	5.144889	23.25738	3
1673.31	1674.808	1313.808	123.8902	92.61233	125.0348	126.2384	0	84.53488	15.46512	15.46512	0	-9999	3
1673.315	1674.815	1313.815	121.9667	55.28055	122.4151	121.8959	10.93754	59.30053	29.76192	14.71939	15.04253	23.80003	3
1673.32	1674.821	1313.821	119.8781	82.18283	120.8457	121.8015	2.324862	64.71329	32.96185	32.96185	0	-9999	3
1673.325	1674.828	1313.828	118.049	99.46322	119.2999	122.4977	0	65.0379	34.9621	34.9621	0	-9999	3
1673.33	1674.834	1313.834	121.2705	89.46538	122.7337	124.6454	0	80.43999	19.56001	19.56001	0	-9999	3
1673.335	1674.841	1313.841	117.6714	121.6451	118.9341	122.0139	0	65.50181	34.49819	34.49819	0	-9999	3
1673.34	1674.847	1313.847	111.9719	120.1412	112.6681	113.978	2.515996	41.83692	55.64708	55.64708	0	-9999	3
1673.345	1674.854	1313.854	113.801	74.30152	113.86	114.7332	16.86489	33.91866	49.21645	31.55921	17.65725	26.92726	3
1673.35	1674.86	1313.86	115.04	43.20795	114.8394	115.158	25.26157	30.44023	44.2982	22.14377	22.15443	27.08442	3
1673.355	1674.867	1313.867	115.7716	103.4178	116.8572	117.2938	0.049445	55.54137	44.40918	44.40918	0	-9999	3
1673.36	1674.873	1313.873	114.2966	85.58042	115.1344	116.2554	7.643608	46.69587	45.66052	33.50969	12.15084	-9999	3
1673.365	1674.88	1313.88	116.2318	203.8975	116.6448	118.9813	0	52.92978	47.07022	47.07022	0	-9999	3
1673.37	1674.886	1313.886	119.4297	174.1686	118.2025	114.7922	0	30.16884	69.83116	69.83116	0	-9999	3
1673.375	1674.893	1313.893	108.5971	119.8488	110.4379	113.7066	0	48.1093	51.8907	51.8907	0	-9999	3
1673.38	1674.899	1313.899	114.6742	100.9253	115.4176	116.9398	4.314363	47.27062	48.41502	48.41502	0	-9999	3
1673.385	1674.906	1313.906	113.1991	95.06306	113.2346	113.801	12.57717	33.91438	53.50845	43.79145	9.716997	27.34164	3
1673.39	1674.912	1313.912	117.2938	128.301	117.9782	122.3561	0	54.91115	45.08885	45.08885	0	-9999	3
1673.395	1674.919	1313.919	119.3943	118.4424	119.5241	120.9637	0.48823	50.08437	49.4274	49.4274	0	-9999	3
1673.4	1674.926	1313.926	117.5652	92.54271	118.2025	120.5271	4.506243	52.43882	43.05493	43.05493	0	-9999	3

1673.405	1674.932	1313.932	101.7175	212.6143	103.8888	104.7856	0	43.10607	56.89393	56.89393	0	-9999	3
1673.41	1674.939	1313.939	100.4903	162.8618	102.4845	104.0776	0	36.18894	63.81106	63.81106	0	-9999	3
1673.415	1674.945	1313.945	107.3698	350.0916	109.8951	106.4612	0	68.31005	31.68995	31.68995	0	-9999	3
1673.42	1674.952	1313.952	103.4049	225.1743	102.8503	99.19226	0	24.24841	75.75159	75.75159	0	-9999	3
1673.425	1674.958	1313.958	100.5847	153.0728	103.1217	106.2134	0	39.94948	60.05052	60.05052	0	-9999	3
1673.43	1674.965	1313.965	103.818	124.1793	104.1956	103.2279	11.50962	25.43989	63.05049	45.427	17.62348	28.79697	3
1673.435	1674.971	1313.971	103.7354	124.8477	104.1484	105.2458	11.14951	25.67821	63.17228	42.08608	21.08621	28.4327	3
1673.44	1674.978	1313.978	111.6651	99.1708	111.7477	111.1341	12.62859	32.14859	55.22282	49.56999	5.652823	27.81296	3
1673.445	1674.984	1313.984	112.1961	123.6224	112.7035	113.5178	2.930521	40.10336	56.96612	56.96612	0	-9999	3
1673.45	1674.991	1313.991	112.9159	98.44673	113.8128	116.9162	5.342881	45.10196	49.55516	47.36069	2.194465	-9999	3
1673.455	1674.997	1313.997	114.8394	112.9701	116.043	118.1907	0	55.39788	44.60212	44.60212	0	-9999	3
1673.46	1675.004	1314.004	113.3172	130.0694	114.3556	115.276	0	50.14822	49.85178	49.85178	0	-9999	3
1673.465	1675.01	1314.01	112.9631	94.52	113.388	114.1668	9.9078	38.5921	51.5001	38.62954	12.87056	27.0586	3
1673.47	1675.017	1314.017	109.2579	115.3929	109.1045	110.1429	12.74655	26.9002	60.35325	40.20955	20.1437	28.09929	3
1673.475	1675.023	1314.023	110.3435	98.21001	109.7653	109.6355	19.19831	22.48671	58.31499	31.46589	26.8491	28.31376	3
1673.48	1675.03	1314.03	112.2905	102.5266	111.8539	111.9129	15.26499	26.95617	57.77884	32.85346	24.92538	28.00818	3
1673.485	1675.036	1314.036	105.5998	120.9767	105.8358	107.063	11.74279	26.26258	61.99462	37.70232	24.2923	28.27749	3
1673.49	1675.043	1314.043	104.3372	161.2326	104.4906	103.2987	3.802636	26.67747	69.51989	69.51989	0	-9999	3
1673.495	1675.049	1314.049	103.0509	82.1132	103.0863	103.936	25.04738	18.91408	56.03854	39.93979	16.09875	28.36105	3
1673.5	1675.056	1314.056	106.6854	143.4788	107.4524	109.0101	1.183177	34.41878	64.39805	64.39805	0	-9999	3
1673.505	1675.062	1314.062	105.3284	113.0675	106.0836	105.5762	9.882621	30.10965	60.00773	57.58372	2.424012	28.47902	3
1673.51	1675.069	1314.069	110.9925	167.6379	111.2403	111.5943	0	37.62977	62.37023	62.37023	0	-9999	3
1673.515	1675.075	1314.075	110.8627	123.3717	111.5117	113.4706	3.120507	39.23131	57.64819	56.4168	1.231389	-9999	3
1673.52	1675.082	1314.082	110.4261	201.9202	113.9544	116.3852	0	80.39568	19.60432	19.60432	0	-9999	3
1673.525	1675.088	1314.088	110.7093	212.0016	113.1873	115.5828	0	67.93948	32.06052	32.06052	0	-9999	3
1673.53	1675.095	1314.095	106.2724	247.4257	106.414	103.936	0	34.80215	65.19785	65.19785	0	-9999	3
1673.535	1675.101	1314.101	100.9505	150.093	100.9623	100.1953	10.71159	21.20328	68.08512	56.04102	12.0441	29.08253	3
1673.54	1675.108	1314.108	111.3583	127.744	112.2551	112.6327	0	43.5987	56.4013	56.4013	0	-9999	3
1673.545	1675.114	1314.114	111.9247	107.7344	112.8451	114.6506	3.824279	43.78796	52.38776	47.96067	4.427084	-9999	3
1673.55	1675.121	1314.121	112.2669	103.0836	112.7271	112.5855	8.201567	38.2497	53.54873	36.10684	17.44189	27.50131	3
1673.555	1675.127	1314.127	115.4412	88.6856	116.3144	117.5652	5.564745	50.33156	44.1037	40.93255	3.171143	-9999	3
1673.56	1675.134	1314.134	120.0433	54.87674	119.9253	119.9253	17.19452	42.84576	39.95972	24.69221	15.26751	25.54546	3
1673.565	1675.14	1314.14	119.5595	101.8861	120.9047	122.0257	0	72.229	27.771	27.771	0	-9999	3
1673.57	1675.147	1314.147	119.2409	85.44118	120.5271	123.9492	0	68.83633	31.16367	31.16367	0	-9999	3
1673.575	1675.153	1314.153	117.6832	91.60976	118.3205	119.9253	4.623454	52.69654	42.68001	36.30859	6.371425	-9999	3
1673.58	1675.16	1314.16	114.1668	132.5341	115.984	119.5359	0	64.02822	35.97178	35.97178	0	-9999	3
1673.585	1675.166	1314.166	108.4201	133.1607	109.3169	111.3937	1.078324	38.09248	60.8292	60.8292	0	-9999	3
1673.59	1675.173	1314.173	104.6204	121.5058	103.9832	102.8267	19.28325	17.6309	63.08586	43.97058	19.11527	28.88634	3
1673.595	1675.179	1314.179	101.5523	313.3447	98.11844	99.01526	0	9.489644	90.51036	90.51036	0	-9999	3
1673.6	1675.186	1314.186	115.4058	227.2351	114.5208	115.2052	0	33.71452	66.28548	66.28548	0	-9999	3
1673.605	1675.192	1314.192	117.5652	229.9504	116.7392	116.869	0	37.83194	62.16806	62.16806	0	-9999	3
1673.61	1675.199	1314.199	115.748	276.3471	115.2524	116.6802	0	43.11686	56.88314	56.88314	0	-9999	3
1673.615	1675.205	1314.205	113.9426	157.6819	114.9102	117.1522	0	52.56195	47.43805	47.43805	0	-9999	3
1673.62	1675.212	1314.212	112.1725	122.1463	112.6917	116.0902	3.217974	40.10842	56.6736	55.62084	1.052762	-9999	3
1673.625	1675.218	1314.218	116.3262	86.29058	117.3882	118.8161	3.866895	55.59195	40.54115	34.07213	6.469029	-9999	3
1673.63	1675.225	1314.225	103.9124	135.9595	104.3136	106.532	8.389061	26.55296	65.05798	52.31165	12.74633	28.43146	3
1673.635	1675.231	1314.231	111.8421	112.4688	112.5029	114.5798	4.7665	40.59809	54.63541	50.28572	4.349686	-9999	3
1673.64	1675.238	1314.238	109.1045	106.0495	109.9541	111.7831	7.375367	37.02464	55.59999	55.59999	0	-9999	3
1673.645	1675.244	1314.244	112.2551	119.9323	113.8954	114.3084	0	55.00109	44.99891	44.99891	0	-9999	3
1673.65	1675.251	1314.251	114.627	134.1633	114.7922	113.3998	0.795345	41.02711	58.17755	58.17755	0	-9999	3
1673.655	1675.257	1314.257	116.1846	105.5761	117.2584	118.0963	0	56.67663	43.32337	43.32337	0	-9999	3
1673.66	1675.264	1314.264	114.2848	248.9435	118.8161	122.2853	0	100	0	0	0	-9999	3
1673.665	1675.27	1314.27	114.5916	223.8236	115.689	119.0285	0	60.60424	39.39576	39.39576	0	-9999	3
1673.67	1675.277	1314.277	105.706	178.3459	105.47	106.886	1.419808	25.99684	72.58335	72.58335	0	-9999	3
1673.675	1675.283	1314.283	112.2669	130.3479	113.0693	109.9069	0	44.53289	55.46711	55.46711	0	-9999	3
1673.68	1675.29	1314.29	117.8838	79.17512	118.3087	120.3383	9.094215	48.77323	42.13255	38.13982	3.992728	25.34059	3
1673.685	1675.296	1314.296	114.2848	100.9671	114.9692	117.5062	5.119769	45.48825	49.39199	49.39199	0	-9999	3
1673.69	1675.303	1314.303	119.7837	69.45577	120.2557	121.9431	9.332639	54.12631	36.54105	27.72198	8.819068	24.50428	3
1673.695	1675.309	1314.309	123.3474	63.30111	123.784	123.9492	7.817843	64.1211	28.06106	21.92102	6.140037	-9999	3
1673.7	1675.316	1314.316	125.0584	82.02966	125.8844	125.672	0	81.02923	18.97077	18.97077	0	-9999	3
1673.705	1675.322	1314.322	125.9316	72.96476	126.6868	126.3328	0.632525	82.30863	17.05885	17.05885	0	-9999	3
1673.71	1675.329	1314.329	122.9462	65.25055	123.607	125.6838	5.977604	67.84961	26.17278	25.87361	0.299177	-9999	3
1673.715	1675.335	1314.335	122.7691	94.79849	124.197	126.3564	0	86.40233	13.59767	13.59767	0	-9999	3
1673.72	1675.342	1314.342	115.9722	103.4178	116.3852	118.9577	5.077647	45.53912	49.38323	49.38323	0	-9999	3
1673.725	1675.348	1314.348	111.8539	114.9334	112.2197	112.5501	6.445496	37.05898	56.49553	52.92013	3.575394	-9999	3
1673.73	1675.355	1314.355	104.5496	144.175	100.9741	95.52239	36.63396	0	63.36604	22.63548	40.73056	26.4407	3
1673.735	1675.361	1314.361	117.9782	102.9583	118.0254	116.2908	6.178299	44.22678	49.59492	49.59492	0	-9999	3
1673.74	1675.368	1314.368	119.2055	76.96111	119.9017	120.6215	6.310715	57.10438	36.58491	27.08944	9.495461	-9999	3
1673.745	1675.374	1314.374	121.7779	85.70574	122.3325	123.666	2.92528	62.96095	34.11377	34.11377	0	-9999	3
1673.75	1675.381	1314.381	117.2938	133.3139	117.9664	119.7129	0	55.05207	44.94793	44.94793	0	-9999	3
1673.755	1675.387	1314.387	119.6893	105.604	119.9725	124.8578	2.134857	52.78796	45.07719	45.07719	0	-9999	3
1673.76	1675.394	1314.394	121.8251	91.37304	122.2027	124.5156	2.882146	59.82199	37.29587	37.29587	0	-9999	3
1673.765	1675.4	1314.4	121.2705	114.7942	122.9107	124.7162	0	85.92408	14.07592	14.07592	0	-9999	3

1673.77	1675.407	1314.407	122.4269	121.8679	123.5834	123.194	0	80.6837	19.3163	19.3163	0	-9999	3
1673.775	1675.413	1314.413	122.6393	93.01614	123.1704	124.256	0.546562	65.81052	33.64292	33.64292	0	-9999	3
1673.78	1675.42	1314.42	124.4212	67.84052	124.5038	124.5746	8.474946	59.88594	31.63912	22.57283	9.066289	23.58712	3
1673.785	1675.426	1314.426	125.5894	73.29895	126.5098	127.7724	0	85.10124	14.89876	14.89876	0	-9999	3
1673.79	1675.433	1314.433	126.2856	62.79982	127.3004	128.6457	0.754812	90.02752	9.217665	9.217665	0	-9999	3
1673.795	1675.439	1314.439	120.8693	51.36775	121.2115	121.8723	13.71714	53.54733	32.73553	15.03322	17.70231	24.1987	3
1673.8	1675.446	1314.446	114.037	89.20081	115.1226	114.9338	5.085821	49.88284	45.03134	41.03918	3.992163	-9999	3
1673.805	1675.452	1314.452	119.6303	77.1839	121.4947	123.7722	0	81.0489	18.9511	18.9511	0	-9999	3
1673.81	1675.459	1314.459	121.5537	131.8518	122.1201	129.1885	0	65.59212	34.40788	34.40788	0	-9999	3
1673.815	1675.465	1314.465	129.5425	164.9923	130.6399	128.1265	0	100	0	0	0	-9999	3
1673.82	1675.472	1314.472	123.7014	165.6049	123.8784	125.0702	0	66.36425	33.63575	33.63575	0	-9999	3
1673.825	1675.478	1314.478	127.9259	152.5437	128.3507	132.4689	0	87.26692	12.73308	12.73308	0	-9999	3
1673.83	1675.485	1314.485	133.0826	87.69696	132.1267	129.8493	3.748985	59.34598	36.90504	32.50501	4.40003	-9999	3
1673.835	1675.491	1314.491	131.7137	136.8089	131.0057	128.9171	0	66.50414	33.49586	33.49586	0	-9999	3
1673.84	1675.498	1314.498	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1674	1675.706	1314.706	99.23946	111.5776	99.20406	102.4137	21.97227	16.73034	61.29739	37.6893	23.60809	27.99148	3
1674.005	1675.713	1314.713	102.0597	95.13268	102.4609	102.3193	19.97358	21.55213	58.47428	42.64088	15.83341	28.43645	3
1674.01	1675.719	1314.719	103.0863	95.53649	103.641	104.054	17.7425	24.04658	58.21092	38.87646	19.33446	28.2426	3
1674.015	1675.726	1314.726	97.59923	118.1639	95.82919	94.49577	35.33082	5.800066	58.86911	39.64146	19.22765	29.44764	3
1674.02	1675.732	1314.732	107.9952	108.8902	109.7181	111.7123	0.940984	44.63553	54.42348	54.42348	0	-9999	3
1674.025	1675.739	1314.739	109.0219	121.3666	109.8597	114.863	3.836091	37.77083	58.39308	58.39308	0	-9999	3
1674.03	1675.745	1314.745	110.5441	72.24068	111.2521	113.5768	15.33007	35.86956	48.80036	27.24042	21.55995	26.71111	3
1674.035	1675.752	1314.752	106.473	108.737	108.7977	113.329	0	47.57635	52.42365	52.42365	0	-9999	3
1674.04	1675.758	1314.758	109.5057	79.60678	110.4379	113.3054	12.76524	36.95335	50.28141	39.1135	11.1679	26.75961	3
1674.045	1675.765	1314.765	108.125	94.17188	109.6827	113.5532	5.663714	42.1031	52.23319	47.3834	4.849787	-9999	3
1674.05	1675.771	1314.771	98.70845	102.7912	96.49001	94.12996	41.50571	2.502635	55.99166	19.78479	36.20686	30.45313	3
1674.055	1675.778	1314.778	90.93209	101.1202	88.53664	85.38598	50.43611	0.558899	49.00499	12.68706	36.31794	31.05731	3
1674.06	1675.784	1314.784	89.49246	101.7329	86.5188	85.10277	56.09344	0	43.90656	20.34118	23.56538	29.3675	3
1674.065	1675.791	1314.791	93.85855	94.13011	91.2861	88.22984	50.80716	0	49.19284	23.12828	26.06456	30.89701	3
1674.07	1675.797	1314.797	98.79105	98.41888	97.49303	89.40986	35.35457	7.628272	57.01716	27.81737	29.19979	30.80739	3
1674.075	1675.804	1314.804	99.32206	103.0001	97.67003	96.69061	36.50095	6.013785	57.48527	38.69961	18.78566	29.65554	3
1674.08	1675.81	1314.81	104.821	85.12091	105.2812	108.3611	19.39882	24.8234	55.77778	33.42725	22.35053	27.59186	3
1674.085	1675.817	1314.817	104.4788	146.7928	106.2016	113.5414	0	39.89241	60.10759	60.10759	0	-9999	3
1674.09	1675.823	1314.823	106.7562	135.6393	108.4319	112.1961	0	43.23001	56.76999	56.76999	0	-9999	3
1674.095	1675.83	1314.83	107.6176	94.52	108.9629	110.3435	7.692422	38.75358	53.55399	46.76883	6.785167	-9999	3
1674.1	1675.836	1314.836	101.5759	134.0797	100.7735	95.35718	20.3216	14.84395	64.83445	46.76703	18.06742	29.7118	3
1674.105	1675.843	1314.843	99.07426	184.8069	98.41345	86.79021	9.249711	17.53415	73.21613	63.13115	10.08498	31.27412	3
1674.11	1675.849	1314.849	94.71997	201.3493	88.27704	83.65134	54.06382	0	45.93618	15.07597	30.86021	18.50644	3
1674.115	1675.856	1314.856	93.35114	213.9093	87.40382	84.25315	48.44265	0	51.55735	25.70972	25.84763	21.90765	3
1674.12	1675.862	1314.862	91.4749	162.9871	87.13241	82.96693	50.0545	0	49.9455	20.51611	29.42939	27.0045	3
1674.125	1675.869	1314.869	93.43374	171.3976	88.27704	84.68976	52.52722	0	47.47278	26.60432	20.86846	23.15193	3
1674.13	1675.875	1314.875	98.08304	220.4817	92.39532	85.31518	40.48684	0	59.51316	27.02344	32.48971	20.47266	3
1674.135	1675.882	1314.882	102.0951	229.7554	101.1865	86.389	0	20.89511	79.10489	79.10489	0	-9999	3
1674.14	1675.888	1314.888	101.8591	180.6156	100.2897	99.28666	14.74373	12.7776	72.47867	61.04013	11.43854	29.18886	3
1674.145	1675.895	1314.895	107.5468	128.2314	109.5411	114.096	0	47.89603	52.10397	52.10397	0	-9999	3
1674.15	1675.901	1314.901	104.6086	139.6913	105.0098	108.9157	6.845452	27.70376	65.45079	63.74532	1.705473	-9999	3
1674.155	1675.908	1314.908	103.9242	189.7919	105.6942	111.7359	0	42.18295	57.81705	57.81705	0	-9999	3
1674.16	1675.914	1314.914	108.6679	162.0681	110.2609	113.8836	0	48.29212	51.70788	51.70788	0	-9999	3
1674.165	1675.921	1314.921	106.8506	128.677	107.6884	111.4763	4.064519	34.39831	61.53717	61.53717	0	-9999	3
1674.17	1675.927	1314.927	105.942	105.7293	106.414	110.2137	13.2888	27.88629	58.82491	50.60463	8.220281	27.53046	3
1674.175	1675.934	1314.934	101.9535	101.9557	101.0567	102.8031	28.47982	12.25891	59.26127	32.18352	27.07775	28.58772	3
1674.18	1675.94	1314.94	94.77897	102.9026	93.00893	91.87611	41.6187	4.003943	54.37736	23.46639	30.91097	29.85776	3
1674.185	1675.947	1314.947	89.62227	127.7719	86.3064	83.72214	52.3247	0	47.6753	17.16863	30.50667	29.39843	3
1674.19	1675.953	1314.953	87.88763	111.9118	86.3772	87.46282	43.76657	4.026923	52.20651	16.93751	35.269	29.02402	3
1674.195	1675.96	1314.96	87.80503	135.5975	87.48642	86.04679	28.87398	9.823196	61.30282	38.67625	22.62657	28.43235	3
1674.2	1675.966	1314.966	87.95843	102.276	86.97901	85.66918	41.91796	5.253979	52.82806	26.66591	26.16215	29.42176	3
1674.205	1675.973	1314.973	93.45734	138.2153	93.28034	89.13846	21.94292	13.51852	64.53856	34.46243	30.07614	29.19218	3
1674.21	1675.979	1314.979	97.52843	138.2432	98.34264	93.71695	10.50882	22.33593	67.15524	55.37669	11.77856	29.79916	3
1674.215	1675.986	1314.986	101.6821	155.5653	101.7411	103.6646	8.348388	22.63363	69.01798	51.69688	17.3211	28.73565	3
1674.22	1675.992	1314.992	99.75867	147.5726	100.9151	100.9151	3.547163	27.86308	68.58976	68.58976	0	-9999	3
1674.225	1675.999	1314.999	104.3254	187.6475	105.5526	113.2228	0	37.84765	62.15235	62.15235	0	-9999	3
1674.23	1676.005	1315.005	100.8679	137.157	101.8355	101.7647	6.510478	27.22069	66.26883	63.57612	2.692703	-9999	3
1674.235	1676.012	1315.012	104.5024	118.8045	105.8594	107.6648	4.590175	34.6771	60.73272	60.73272	0	-9999	3
1674.24	1676.018	1315.018	99.34567	135.2076	100.4903	102.8031	7.010917	26.41663	66.57245	59.5461	7.02635	-9999	3
1674.245	1676.025	1315.025	101.5169	86.54122	101.6703	101.6231	24.47259	18.50633	57.02107	33.93585	23.08522	28.5402	3
1674.25	1676.031	1315.031	107.6766	109.6839	107.9008	104.7974	12.65642	28.23659	59.107	50.38941	8.717584	28.77712	3
1674.255	1676.038	1315.038	112.1371	96.80363	112.9159	115.4058	7.37154	41.67887	50.94959	35.68089	15.2687	-9999	3
1674.26	1676.044	1315.044	110.2373	71.01532	109.9541	112.0191	23.59083	23.80617	52.60299	20.83886	31.76413	27.65378	3
1674.265	1676.051	1315.051	106.5202	115.9081	107.299	106.7208	7.91581	32.40424	59.67995	45.06601	14.61394	-9999	3
1674.27	1676.057	1315.057	99.13326	151.0259	98.88546	98.29544	14.16962	17.92622	67.90417	58.39643	9.507733	28.88275	3
1674.275	1676.064	1315.064	96.4074	140.9445	95.66399	93.78775	22.95808	12.48918	64.55274	47.84964	16.7031	28.86524	3
1674.28	1676.07	1315.07	95.75839	154.1032	96.195	96.2894	11.22558	19.48056	69.29387	43.82138	25.47248	28.8981	3
1674.285	1676.077	1315.077	95.08578	143.4509	95.59319	95.30998	13.87353	18.58296	67.54351	52.48303	15.06048	28.80858	3

1674.29	1676.083	1315.083	98.38985	156.9299	98.34264	94.68457	11.87011	19.00229	69.12761	45.09787	24.02974	29.56085	3
1674.295	1676.09	1315.09	95.68759	111.5637	94.10636	93.35114	37.22356	5.777042	56.9994	21.93936	35.06004	29.36716	3
1674.3	1676.096	1315.096	91.66371	84.87027	91.1327	88.94965	39.24612	7.310489	53.44339	32.26389	21.1795	29.73482	3
1674.305	1676.103	1315.103	106.3432	167.5126	106.7916	110.9807	0	32.41331	67.58669	67.58669	0	-9999	3
1674.31	1676.11	1315.11	109.2933	142.9079	110.8155	111.1105	0	47.60966	52.39034	52.39034	0	-9999	3
1674.315	1676.116	1315.116	106.3314	169.8519	108.0896	111.4055	0	45.49659	54.50341	54.50341	0	-9999	3
1674.32	1676.123	1315.123	107.1928	197.7429	109.5647	110.4143	0	55.87004	44.12996	44.12996	0	-9999	3
1674.325	1676.129	1315.129	105.3166	143.0611	106.5084	106.2724	0	36.1898	63.8102	63.8102	0	-9999	3
1674.33	1676.136	1315.136	102.4019	101.0367	102.3193	103.8652	21.97951	18.60367	59.41682	27.33828	32.07854	28.24185	3
1674.335	1676.142	1315.142	94.50757	87.11212	93.83495	93.02074	37.18466	8.214644	54.60069	35.09496	19.50573	29.41672	3
1674.34	1676.149	1315.149	97.67003	202.9646	95.60499	93.25674	17.03023	9.91964	73.05013	58.0537	14.99644	29.00445	3
1674.345	1676.155	1315.155	111.9601	173.904	114.2494	118.0963	0	66.71042	33.28958	33.28958	0	-9999	3
1674.35	1676.162	1315.162	114.4736	166.9695	115.3232	119.9017	0	52.7974	47.2026	47.2026	0	-9999	3
1674.355	1676.168	1315.168	116.7628	157.0692	119.0285	122.2145	0	82.24941	17.75059	17.75059	0	-9999	3
1674.36	1676.175	1315.175	118.1907	145.665	120.1259	121.6599	0	81.1656	18.8344	18.8344	0	-9999	3
1674.365	1676.181	1315.181	119.4533	139.8863	121.1289	121.3413	0	80.82591	19.17409	19.17409	0	-9999	3
1674.37	1676.188	1315.188	119.5595	157.2223	122.6393	125.436	0	100	0	0	0	-9999	3
1674.375	1676.194	1315.194	119.6775	143.3395	122.4269	127.737	0	100	0	0	0	-9999	3
1674.38	1676.201	1315.201	117.3882	178.9168	120.3855	125.3416	0	99.81579	0.184211	0.184211	0	-9999	3
1674.385	1676.207	1315.207	119.6893	197.0049	123.371	128.4451	0	100	0	0	0	-9999	3
1674.39	1676.214	1315.214	95.23918	124.4439	94.67277	95.39258	26.65422	11.67241	61.67337	29.45207	32.2213	28.42579	3
1674.395	1676.22	1315.22	101.2101	160.3136	101.3045	95.28638	7.359198	22.74173	69.89907	67.88997	2.009098	-9999	3
1674.4	1676.227	1315.227	109.8597	148.3106	111.9483	115.0636	0	56.20877	43.79123	43.79123	0	-9999	3
1674.405	1676.233	1315.233	113.3762	151.193	114.8394	115.4766	0	57.73314	42.26686	42.26686	0	-9999	3
1674.41	1676.24	1315.24	115.6182	145.1637	117.8484	123.253	0	76.42627	23.57373	23.57373	0	-9999	3
1674.415	1676.246	1315.246	117.1994	121.5337	118.6155	124.7398	0	66.61192	33.38808	33.38808	0	-9999	3
1674.42	1676.253	1315.253	119.4887	135.876	122.2971	125.023	0	100	0	0	0	-9999	3
1674.425	1676.259	1315.259	118.7217	136.9621	121.4357	125.0702	0	97.90986	2.090136	2.090136	0	-9999	3
1674.43	1676.266	1315.266	118.7571	133.2164	120.8811	123.076	0	86.24063	13.75937	13.75937	0	-9999	3
1674.435	1676.272	1315.272	118.4739	160.2161	121.4829	126.0732	0	100	0	0	0	-9999	3
1674.44	1676.279	1315.279	122.1909	158.9072	125.5776	128.4451	0	100	0	0	0	-9999	3
1674.445	1676.285	1315.285	121.9785	123.4413	123.9374	126.5924	0	96.73962	3.260383	3.260383	0	-9999	3
1674.45	1676.292	1315.292	119.5831	155.9274	121.7071	124.5038	0	91.36818	8.631821	8.631821	0	-9999	3
1674.455	1676.298	1315.298	115.866	183.3448	117.5888	119.4415	0	71.49858	28.50142	28.50142	0	-9999	3
1674.46	1676.305	1315.305	115.217	157.8211	116.0666	119.5831	0	54.05547	45.94453	45.94453	0	-9999	3
1674.465	1676.311	1315.311	115.8306	134.5531	117.7186	120.9165	0	70.80455	29.19545	29.19545	0	-9999	3
1674.47	1676.318	1315.318	113.4116	131.9632	114.9338	118.4031	0	57.38031	42.61969	42.61969	0	-9999	3
1674.475	1676.324	1315.324	118.8987	168.919	121.7779	125.2472	0	100	0	0	0	-9999	3
1674.48	1676.331	1315.331	121.2705	129.4289	124.197	126.4272	0	100	0	0	0	-9999	3
1674.485	1676.337	1315.337	119.8663	164.0315	122.7337	126.6868	0	100	0	0	0	-9999	3
1674.49	1676.344	1315.344	117.1286	177.2598	118.3323	121.4121	0	66.50098	33.49902	33.49902	0	-9999	3
1674.495	1676.35	1315.35	118.4267	133.7873	119.7129	124.1262	0	69.26451	30.73549	30.73549	0	-9999	3
1674.5	1676.357	1315.357	113.6122	170.7849	115.925	122.6629	0	72.27859	27.72141	27.72141	0	-9999	8
1674.505	1676.363	1315.363	110.4143	166.6771	109.7535	111.1341	3.20429	26.27458	70.52113	70.52113	0	-9999	8
1674.51	1676.37	1315.37	108.3138	134.1772	108.5499	109.5175	6.051343	30.94654	63.00211	60.42638	2.575737	-9999	8
1674.515	1676.376	1315.376	112.0073	145.6928	112.4557	111.1813	0	40.46921	59.53079	59.53079	0	-9999	8
1674.52	1676.383	1315.383	112.2315	154.9666	112.8923	114.4382	0	44.27293	55.72707	55.72707	0	-9999	8
1674.525	1676.389	1315.389	114.1668	172.4698	114.2258	113.8364	0	41.2262	58.7738	58.7738	0	-9999	8
1674.53	1676.396	1315.396	111.0515	158.8654	109.6827	107.4288	9.995595	18.52568	71.47872	52.07431	19.40442	29.7562	8
1674.535	1676.402	1315.402	112.0781	219.4234	113.1991	111.3937	0	54.30039	45.69961	45.69961	0	-9999	8
1674.54	1676.409	1315.409	113.1991	125.0009	114.2022	113.7066	0	49.02467	50.97533	50.97533	0	-9999	8
1674.545	1676.415	1315.415	106.3078	142.7408	104.703	105.1396	20.091	12.0546	67.8544	38.26171	29.59269	28.98996	3
1674.55	1676.422	1315.422	98.67305	92.58448	96.74961	94.97958	41.722	3.503027	54.77497	21.31707	33.4579	30.37444	3
1674.555	1676.428	1315.428	95.82919	49.34868	95.54599	95.74659	42.08961	8.474178	49.43622	24.98802	24.44819	29.96061	3
1674.56	1676.435	1315.435	91.3451	41.17496	90.97929	90.73149	48.83318	4.923512	46.24331	20.4054	25.83791	30.89006	3
1674.565	1676.441	1315.441	91.78171	43.50036	92.48972	92.59593	39.54663	10.19682	50.25655	30.7856	19.47095	29.65128	3
1674.57	1676.448	1315.448	95.65219	129.1086	93.50454	88.51304	37.39994	4.121922	58.47814	33.57362	24.90452	30.07068	3
1674.575	1676.454	1315.454	101.1983	189.5691	99.38107	94.01196	15.10542	11.45608	73.4385	59.62283	13.81567	29.96187	3
1674.58	1676.461	1315.461	98.81465	159.9655	96.72601	93.88215	26.56585	7.129161	66.30499	47.80861	18.49638	29.24766	3
1674.585	1676.467	1315.467	96.3366	67.18606	94.63737	91.2861	48.28037	2.370972	49.34866	18.58989	30.75877	31.51781	3
1674.59	1676.474	1315.474	95.09758	60.25162	94.51937	92.48972	42.41048	7.198766	50.39076	24.27572	26.11503	30.35118	3
1674.595	1676.48	1315.48	96.54901	64.74926	96.44281	95.02678	36.32866	11.00022	52.67112	28.46071	24.21042	29.58502	3
1674.6	1676.487	1315.487	109.3287	113.2207	109.0573	106.7208	14.12161	25.58168	60.29671	50.32387	9.972846	28.72237	3
1674.605	1676.493	1315.493	116.2082	179.1535	118.4267	119.7247	0	80.75291	19.24709	19.24709	0	-9999	3
1674.61	1676.5	1315.5	115.7598	188.9982	117.2466	114.6034	0	67.69401	32.30599	32.30599	0	-9999	3
1674.615	1676.506	1315.506	115.0754	226.6503	115.7598	117.6832	0	55.85383	44.14617	44.14617	0	-9999	3
1674.62	1676.513	1315.513	112.5737	183.3309	113.9426	119.7483	0	56.42439	43.57561	43.57561	0	-9999	3
1674.625	1676.519	1315.519	109.8007	147.4612	111.2757	114.8394	0	48.53233	51.46767	51.46767	0	-9999	3
1674.63	1676.526	1315.526	106.4494	160.4668	106.945	108.6797	0	32.54718	67.45282	67.45282	0	-9999	3
1674.635	1676.532	1315.532	100.7499	137.6305	99.71147	95.12118	22.05129	12.93148	65.01723	36.9779	28.03933	29.56652	3
1674.64	1676.539	1315.539	102.6851	117.8158	103.3459	104.703	11.89695	25.895	62.20806	54.37709	7.830965	28.31758	3
1674.645	1676.545	1315.545	104.9862	129.5681	104.8446	106.8506	13.15464	22.7455	64.09985	37.57299	26.52686	28.27401	3
1674.65	1676.552	1315.552	105.293	138.1457	105.5998	108.7977	7.321448	27.66124	65.01731	49.8456	15.17171	-9999	3

1674.655	1676.558	1315.558	106.4612	152.6133	106.0364	107.0866	8.415531	23.35738	68.22709	56.08822	12.13887	28.84419	3
1674.66	1676.565	1315.565	103.7	151.7918	102.1777	97.83523	19.65973	12.01788	68.32239	34.79608	33.52631	29.74806	3
1674.665	1676.571	1315.571	106.355	189.9729	107.8536	113.6122	0	44.2683	55.7317	55.7317	0	-9999	3
1674.67	1676.578	1315.578	104.2664	112.1903	104.4434	106.8152	15.55312	23.48367	60.96321	44.61684	16.34637	27.9994	3
1674.675	1676.584	1315.584	94.27156	123.0097	92.13572	89.76387	40.05461	3.537215	56.40817	26.47389	29.93428	29.73401	3
1674.68	1676.591	1315.591	90.33028	52.31462	89.04405	87.40382	54.20426	1.463356	44.33238	31.21916	13.11322	31.88227	3
1674.685	1676.597	1315.597	89.49246	43.02693	89.18566	87.38022	49.63217	4.384761	45.98307	23.454	22.52908	31.20216	3
1674.69	1676.604	1315.604	84.67796	26.0668	85.06737	86.3064	52.7702	3.420875	43.80893	28.76772	15.04121	31.15103	3
1674.695	1676.61	1315.61	84.98477	33.65569	85.72819	86.2238	47.90787	5.25346	46.83867	34.3278	12.51088	30.50501	3
1674.7	1676.617	1315.617	90.16508	120.7817	88.07643	87.98203	44.00593	2.963465	53.0306	20.66219	32.36841	29.34534	3
1674.705	1676.623	1315.623	98.53145	147.4194	95.86459	93.62255	34.34369	2.971531	62.68478	33.07324	29.61154	29.56124	3
1674.71	1676.63	1315.63	92.43072	101.5519	91.1681	90.89669	40.17352	5.547083	54.27939	23.02433	31.25506	29.3682	3
1674.715	1676.636	1315.636	93.07974	49.40438	91.56931	89.05585	54.11662	1.133516	44.74986	27.06967	17.68019	32.25733	3
1674.72	1676.643	1315.643	90.71969	50.53227	90.63709	89.82287	44.94924	6.442331	48.60843	27.82367	20.78476	30.34585	3
1674.725	1676.649	1315.649	94.08276	45.7283	94.15356	93.33934	41.8289	8.915255	49.25584	25.50409	23.75175	30.08373	3
1674.73	1676.656	1315.656	108.243	149.0765	109.4467	112.9395	0	42.16611	57.83389	57.83389	0	-9999	3
1674.735	1676.662	1315.662	111.1813	160.2022	113.1047	115.4648	0	58.53787	41.46213	41.46213	0	-9999	3
1674.74	1676.669	1315.669	107.063	174.7812	108.8921	110.0013	0	48.14635	51.85365	51.85365	0	-9999	3
1674.745	1676.675	1315.675	114.6388	233.3341	117.223	122.8163	0	84.46648	15.53352	15.53352	0	-9999	3
1674.75	1676.682	1315.682	121.7779	165.6467	124.4448	125.7192	0	100	0	0	0	-9999	3
1674.755	1676.688	1315.688	121.6599	182.3284	125.6012	128.6339	0	100	0	0	0	-9999	3
1674.76	1676.695	1315.695	119.0639	222.264	123.6542	125.436	0	100	0	0	0	-9999	3
1674.765	1676.702	1315.702	119.5831	203.7583	120.2085	124.3032	0	65.4779	34.5221	34.5221	0	-9999	3
1674.77	1676.708	1315.708	116.5622	219.5627	117.5416	117.9782	0	63.91807	36.08193	36.08193	0	-9999	3
1674.775	1676.715	1315.715	122.0611	236.3557	125.0702	127.9731	0	100	0	0	0	-9999	3
1674.78	1676.721	1315.721	125.9788	244.599	130.0617	138.0033	0	100	0	0	0	-9999	3
1674.785	1676.728	1315.728	124.079	211.6257	126.8048	133.885	0	100	0	0	0	-9999	3
1674.79	1676.734	1315.734	128.4569	147.1131	130.4865	135.4072	0	100	0	0	0	-9999	3
1674.795	1676.741	1315.741	125.1646	151.374	126.5452	133.8142	0	100	0	0	0	-9999	3
1674.8	1676.747	1315.747	113.2228	217.2512	109.9187	115.2996	8.866811	1.549726	89.58346	67.33536	22.2481	30.22929	3
1674.805	1676.754	1315.754	112.6091	130.7378	111.7123	108.7269	11.71139	23.61453	64.67408	40.89088	23.7832	29.19989	3
1674.81	1676.76	1315.76	113.8246	84.81457	113.3526	110.3789	18.41435	27.52503	54.06062	29.74277	24.31785	28.25304	3
1674.815	1676.767	1315.767	116.5032	85.21838	116.3498	120.1849	13.38307	36.6997	49.91723	31.63703	18.2802	26.14887	3
1674.82	1676.773	1315.773	115.5946	47.07898	115.217	115.0872	25.18632	29.10847	45.70521	31.37444	14.33077	27.28028	3
1674.825	1676.78	1315.78	120.3501	43.40289	119.6303	119.7011	24.35298	31.69388	43.95314	32.36177	11.59137	26.65669	3
1674.83	1676.786	1315.786	120.3855	58.16294	119.0875	117.341	25.22962	22.37659	52.39379	20.99414	31.39965	28.18075	3
1674.835	1676.793	1315.793	105.3284	20.44127	105.1514	105.7532	39.52287	15.44682	45.03031	19.83669	25.19361	29.43603	3
1674.84	1676.799	1315.799	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1675	1677.007	1316.007	115.4412	63.06439	116.6094	116.5504	9.478782	53.17918	37.34204	24.16497	13.17706	25.34143	3
1675.005	1677.013	1316.013	120.4445	40.0053	121.0699	122.2617	14.66283	57.05315	28.28402	3.544202	24.73981	23.58685	3
1675.01	1677.019	1316.019	121.6835	33.34935	122.2027	122.1083	15.95673	58.38748	25.65579	9.714653	15.94113	23.39972	3
1675.015	1677.025	1316.025	120.8693	45.38018	121.2233	122.7573	15.07468	53.37539	31.54993	6.933194	24.61674	23.93163	3
1675.02	1677.031	1316.031	110.1193	147.6283	110.6975	112.8097	0	38.62422	61.37578	61.37578	0	-9999	3
1675.025	1677.037	1316.037	98.69665	142.1142	94.99138	91.2153	43.52334	0	56.47666	25.58095	30.89571	26.68101	3
1675.03	1677.042	1316.042	101.5405	214.9954	101.0567	100.3487	0	22.55139	77.44861	77.44861	0	-9999	3
1675.035	1677.048	1316.048	108.4437	298.5428	113.0575	98.50785	0	93.69057	6.309425	6.309425	0	-9999	3
1675.04	1677.054	1316.054	108.2194	280.2738	114.1668	110.1665	0	100	0	0	0	-9999	3
1675.045	1677.06	1316.06	100.3605	189.8755	101.0095	99.87668	0	27.82775	72.17225	72.17225	0	-9999	3
1675.05	1677.066	1316.066	99.26306	109.7953	96.78501	94.59017	41.31243	1.559949	57.12763	37.07281	20.05481	30.44178	3
1675.055	1677.072	1316.072	104.8682	234.643	101.7057	95.78199	11.24678	5.516933	83.23629	65.28198	17.95431	30.91743	3
1675.06	1677.078	1316.078	103.7708	204.0785	104.2428	87.35662	0	31.5672	68.4328	68.4328	0	-9999	3
1675.065	1677.083	1316.083	109.0691	235.2	113.9308	113.447	0	95.37174	4.628264	4.628264	0	-9999	3
1675.07	1677.089	1316.089	110.1075	239.9622	113.1519	114.4736	0	75.34296	24.65704	24.65704	0	-9999	3
1675.075	1677.095	1316.095	120.0669	129.7213	123.0996	124.7162	0	100	0	0	0	-9999	3
1675.08	1677.101	1316.101	126.0024	71.47483	125.8726	126.0614	7.786842	60.03593	32.17723	17.97393	14.2033	-9999	3
1675.085	1677.107	1316.107	122.9698	62.6188	123.5716	124.9522	7.050033	66.44824	26.50173	26.50173	0	-9999	3
1675.09	1677.113	1316.113	122.8399	62.81375	124.3858	125.023	0	87.2683	12.7317	12.7317	0	-9999	3
1675.095	1677.119	1316.119	118.8751	49.41831	119.6893	120.1377	12.36553	56.40872	31.22575	16.55744	14.66831	24.18724	3
1675.1	1677.124	1316.124	121.1879	60.90608	121.5891	123.194	10.65848	56.30496	33.03655	24.63381	8.402738	23.91181	3
1675.105	1677.13	1316.13	122.3797	54.30583	122.5213	121.8133	13.17121	54.06686	32.76193	10.42478	22.33715	24.24872	3
1675.11	1677.136	1316.136	121.8251	60.16808	122.1437	123.2884	10.89101	56.4977	32.6113	22.64685	9.964444	23.87278	3
1675.115	1677.142	1316.142	124.5628	63.99733	124.8106	125.9198	7.994395	63.95129	28.05432	17.32534	10.72898	-9999	3
1675.12	1677.148	1316.148	123.1586	43.13833	122.9225	123.9964	18.08369	47.46272	34.45359	20.41484	14.03875	24.35227	3
1675.125	1677.154	1316.154	122.9107	46.07641	122.9343	123.6306	15.58872	52.54485	31.86644	21.43871	10.42773	23.92846	3
1675.13	1677.16	1316.16	120.5979	49.97529	121.0109	121.6363	13.75509	54.04709	32.19782	14.14965	18.04816	24.14963	3
1675.135	1677.165	1316.165	117.223	55.83754	117.7776	118.3559	14.34389	47.67033	37.98578	30.86149	7.124296	25.25929	3
1675.14	1677.171	1316.171	108.1604	127.201	107.8418	112.1135	12.17896	24.57714	63.2439	40.08042	23.16349	27.76223	3
1675.145	1677.177	1316.177	105.1278	121.7147	104.7384	108.1014	16.8454	20.21902	62.93558	49.39482	13.54076	27.96431	3
1675.15	1677.183	1316.183	105.411	108.4863	105.293	103.3459	17.68271	22.00412	60.31317	35.72166	24.59151	28.77538	3
1675.155	1677.189	1316.189	101.3635	68.31395	99.91208	95.9826	41.46218	5.785054	52.75277	23.229	29.52377	30.91598	4
1675.16	1677.195	1316.195	96.70241	59.29083	95.49879	94.22436	46.01349	4.608409	49.3781	31.43335	17.94475	30.81029	4
1675.165	1677.201	1316.201	94.43676	86.94503	93.07974	90.33028	42.59445	4.811134	52.59442	19.09761	33.49681	30.32877	4
1675.17	1677.206	1316.206	98.74385	118.0108	98.34264	97.23342	23.70642	14.42875	61.86483	41.75297	20.11186	28.81856	4

1675.175	1677.212	1316.212	98.59045	163.4049	98.41345	88.34784	11.12459	18.7853	70.09011	44.67861	25.41149	30.79296	4
1675.18	1677.218	1316.218	102.0479	192.2009	100.5965	96.2894	10.85188	14.46679	74.68133	49.26601	25.41531	30.00467	4
1675.185	1677.224	1316.224	103.2633	268.4658	103.641	102.0243	0	34.4939	65.5061	65.5061	0	-9999	4
1675.19	1677.23	1316.23	98.68485	206.0558	93.11514	89.02045	42.50971	0	57.49029	26.57643	30.91385	19.20838	4
1675.195	1677.236	1316.236	98.49605	101.1063	96.52541	94.64917	40.18837	3.761379	56.05025	20.68119	35.36906	30.16091	4
1675.2	1677.242	1316.242	92.66673	79.1055	91.58111	89.33906	44.01665	4.899401	51.08395	18.79517	32.28878	30.34324	4
1675.205	1677.248	1316.248	90.83769	96.31627	88.99685	85.59838	47.38728	2.37596	50.23676	18.34184	31.89492	30.69354	4
1675.21	1677.253	1316.253	94.68457	202.1569	95.19198	91.80531	0.035785	22.20997	77.75424	77.75424	0	-9999	4
1675.215	1677.259	1316.259	91.80531	223.0299	88.34784	81.84591	28.36129	4.715832	66.92288	28.01683	38.90605	28.68243	4
1675.22	1677.265	1316.265	92.69033	139.5242	89.91727	86.01139	42.45123	1.741926	55.80684	19.24514	36.5617	29.9443	4
1675.225	1677.271	1316.271	85.85799	62.45171	85.16177	84.38296	51.293	2.844977	45.86202	14.14571	31.71631	30.82617	4
1675.23	1677.277	1316.277	83.01413	78.96625	82.28251	80.59508	50.18718	2.981467	46.83135	21.81886	25.01249	30.41509	4
1675.235	1677.283	1316.283	84.72516	51.54877	83.21473	82.68372	61.28389	0	38.71611	24.9637	13.75241	31.66814	4
1675.24	1677.289	1316.289	98.76745	122.954	99.61707	101.3399	12.79455	22.8827	64.32276	51.43086	12.89189	28.41104	4
1675.245	1677.294	1316.294	110.5913	120.545	111.8775	114.7686	0	46.25339	53.74661	53.74661	0	-9999	4
1675.25	1677.3	1316.3	100.4903	74.87243	99.93568	102.2249	33.72805	11.79097	54.48098	35.05811	19.42287	28.74392	4
1675.255	1677.306	1316.306	89.13846	84.64748	87.38022	83.43894	51.13426	1.571494	47.29424	27.29994	19.9943	31.32223	4
1675.26	1677.312	1316.312	87.35662	116.9386	87.67523	86.4244	28.86358	10.67845	60.45797	28.49622	31.96175	28.59427	4
1675.265	1677.318	1316.318	90.09427	88.0033	90.54268	92.32452	32.3413	10.85671	56.80199	27.367	29.43499	28.47553	4
1675.27	1677.324	1316.324	92.73753	164.0454	92.26552	86.17659	18.64056	13.45594	67.90349	44.87616	23.02733	29.45909	4
1675.275	1677.33	1316.33	101.7411	212.4472	102.0715	99.49907	0	28.56941	71.43059	71.43059	0	-9999	4
1675.28	1677.335	1316.335	103.936	118.4146	104.3962	106.0482	12.15597	25.89863	61.9454	52.05149	9.893905	28.20483	4
1675.285	1677.341	1316.341	97.54023	152.3487	94.77897	91.3923	34.79433	2.758405	62.44726	41.41837	21.02889	29.66108	4
1675.29	1677.347	1316.347	93.53995	116.4651	92.71393	89.62227	32.16032	8.97914	58.86054	35.63036	23.23018	29.26819	4
1675.295	1677.353	1316.353	93.04434	192.9528	88.58384	82.12911	42.27344	0	57.72656	21.50333	36.22323	27.9167	4
1675.3	1677.359	1316.359	89.43346	133.3417	87.61622	81.18509	39.53611	4.698971	55.76492	26.15329	29.61163	29.88533	4
1675.305	1677.365	1316.365	88.56024	106.3698	86.2238	82.74272	50.89055	0.92095	48.1885	21.48516	26.70334	30.86815	4
1675.31	1677.371	1316.371	85.05557	55.79576	84.08795	81.98751	55.74535	1.294891	42.95976	17.27231	25.68745	31.83035	4
1675.315	1677.376	1316.376	80.90189	37.80521	80.71308	80.33547	57.88463	1.027425	41.08794	26.8482	14.23974	31.9409	4
1675.32	1677.382	1316.382	81.96391	28.86564	82.17631	82.73092	55.96159	1.887021	42.15139	18.49362	23.65777	31.64059	4
1675.325	1677.388	1316.388	83.29734	63.53782	82.30611	80.94909	55.67226	1.285784	43.04196	13.73198	29.30998	31.44115	1
1675.33	1677.394	1316.394	82.77812	44.36369	81.7397	79.74546	61.15588	0	38.84412	21.66597	17.17815	32.49254	1
1675.335	1677.4	1316.4	82.18811	62.63273	82.40052	84.20595	47.58368	4.255793	48.16052	15.95478	32.20575	29.6822	1
1675.34	1677.406	1316.406	80.86649	66.89365	79.60386	78.09343	59.19992	0.269052	40.53103	9.919984	30.61104	31.85851	1
1675.345	1677.412	1316.412	77.16121	67.29746	76.6066	71.02508	57.02394	1.13273	41.84333	11.39105	30.45228	31.97639	1
1675.35	1677.417	1316.417	80.71308	54.05519	79.94607	79.76906	58.60698	0.597234	40.79579	29.64167	11.15411	31.72947	1
1675.355	1677.423	1316.423	84.93757	40.20024	83.96995	81.7043	59.62803	0.209669	40.1623	27.73569	12.42661	32.8149	1
1675.36	1677.429	1316.429	80.54788	76.78009	78.35303	73.91614	64.32522	0	35.67478	18.63168	17.0431	31.37033	1
1675.365	1677.435	1316.435	86.6486	48.48536	85.86979	83.30914	54.58565	1.891379	43.52297	19.34786	24.17511	31.91986	1
1675.37	1677.441	1316.441	86.16479	45.22701	85.66918	84.83137	53.62443	2.448932	43.92664	23.15425	20.77239	31.45781	1
1675.375	1677.447	1316.447	84.96117	52.06398	83.79295	82.17631	58.28998	0.406197	41.30382	10.94237	30.36146	32.25346	1
1675.38	1677.453	1316.453	98.01224	223.4755	96.0534	89.82287	10.92869	11.96928	77.10203	67.571	9.531031	30.06047	1
1675.385	1677.458	1316.458	104.467	481.6092	98.89726	83.99355	0	5.741805	94.25819	94.25819	0	-9999	1
1675.39	1677.464	1316.464	89.55146	116.9943	88.69005	86.17659	35.97603	7.229274	56.7947	39.6227	17.17199	29.12599	1
1675.395	1677.47	1316.47	88.45404	83.58921	87.88763	87.60442	42.78338	5.671628	51.54499	26.71227	24.83272	29.55745	1
1675.4	1677.476	1316.476	90.56628	131.1138	88.27704	86.6368	42.69115	2.953566	54.35528	20.50172	33.85356	29.40689	1
1675.405	1677.482	1316.482	92.39532	136.6558	93.66975	92.72573	12.04881	19.73246	68.21873	44.82425	23.39449	29.10632	6
1675.41	1677.488	1316.488	95.45159	166.4822	96.2658	95.79379	5.585673	22.17034	72.24399	60.1356	12.10838	-9999	6
1675.415	1677.494	1316.494	87.10881	101.5241	84.54816	81.5037	55.13613	0	44.86387	25.20992	19.65396	31.05487	6
1675.42	1677.499	1316.499	89.85827	148.3942	85.82259	83.68674	52.69555	0	47.30445	14.01688	33.28758	27.60943	6
1675.425	1677.505	1316.505	92.56053	230.2985	86.566	81.14969	45.56963	0	54.43037	17.5607	36.86966	23.54116	6
1675.43	1677.511	1316.511	88.89065	164.6859	83.89915	80.38268	57.05075	0	42.94925	27.45371	15.49553	25.87554	6
1675.435	1677.517	1316.517	90.82589	286.6095	82.82533	78.48284	49.08506	0	50.91494	26.11619	24.79874	20.72661	6
1675.44	1677.523	1316.523	102.7205	615.1737	95.93539	82.82533	0	9.36015	90.63985	90.63985	0	-9999	6
1675.445	1677.529	1316.529	91.4867	152.7526	90.24768	89.31546	28.46856	8.793251	62.73819	34.00341	28.73478	28.34687	6
1675.45	1677.535	1316.535	86.84921	91.63761	85.58658	85.31518	47.70778	3.24817	49.04405	30.1617	18.88235	29.898	6
1675.455	1677.54	1316.54	89.48066	135.5139	87.42742	85.57478	40.79604	3.991832	55.21212	34.26588	20.94624	29.11596	6
1675.46	1677.546	1316.546	91.4395	157.9603	92.05312	91.0973	12.89376	17.23074	69.8755	46.81269	23.06281	28.90696	6
1675.465	1677.552	1316.552	93.37474	177.97	93.79955	94.49577	7.734239	19.11374	73.15202	58.78216	14.36987	-9999	6
1675.47	1677.558	1316.558	87.60442	105.2419	84.68976	82.54212	56.524	0	43.476	10.49959	32.97641	29.94116	6
1675.475	1677.564	1316.564	90.61349	114.8916	87.62802	86.15299	51.96914	0	48.03086	15.26342	32.76744	29.75631	6
1675.48	1677.57	1316.57	93.74055	227.43	88.05283	82.82533	42.80043	0	57.19957	16.04491	41.15466	23.80954	6
1675.485	1677.576	1316.576	88.67825	139.0926	84.50096	82.12911	57.12958	0	42.87042	18.97102	23.8994	27.21007	3
1675.49	1677.582	1316.582	92.82013	203.7861	87.02621	83.36814	50.19211	0	49.80789	21.35692	28.45097	22.49617	3
1675.495	1677.587	1316.587	114.2022	156.0666	115.866	122.0139	0	63.40936	36.59064	36.59064	0	-9999	3
1675.5	1677.593	1316.593	121.6009	60.20985	122.9343	125.2944	3.222305	77.04535	19.73234	19.73234	0	-9999	3
1675.505	1677.599	1316.599	119.3589	80.19161	120.6097	123.7368	1.089564	68.22612	30.68432	30.68432	0	-9999	3
1675.51	1677.605	1316.605	111.0397	224.2552	114.5208	115.9958	0	83.56735	16.43265	16.43265	0	-9999	3
1675.515	1677.611	1316.611	107.0748	233.0416	109.1281	117.2466	0	54.50233	45.49767	45.49767	0	-9999	3
1675.52	1677.617	1316.617	106.3078	234.1974	110.2373	118.2143	0	73.1751	26.8249	26.8249	0	-9999	3
1675.525	1677.623	1316.623	110.3317	206.4318	113.86	122.0375	0	80.34814	19.65186	19.65186	0	-9999	3
1675.53	1677.628	1316.628	109.7299	164.6441	111.0043	108.4791	0	47.14657	52.85343	52.85343	0	-9999	3
1675.535	1677.634	1316.634	104.5024	102.3735	102.7441	100.1245	32.70977	7.227112	60.06312	25.14416	34.91896	29.96729	3

1675.54	1677.64	1316.64	104.88	118.9158	102.5199	99.46367	33.02316	3.781434	63.19541	42.3182	20.87721	30.28657	3
1675.545	1677.646	1316.646	110.0131	121.2134	109.7771	108.9629	11.28336	27.41705	61.29959	52.79473	8.504858	28.48522	3
1675.55	1677.652	1316.652	116.1374	144.7877	119.1937	124.256	0	92.75566	7.244337	7.244337	0	-9999	3
1675.555	1677.658	1316.658	115.1816	166.3708	118.7689	122.1791	0	99.09088	0.909117	0.909117	0	-9999	3
1675.56	1677.664	1316.664	109.7771	125.0566	111.6415	116.7628	0	51.66685	48.33315	48.33315	0	-9999	3
1675.565	1677.669	1316.669	101.3517	176.4522	98.64945	97.49303	24.99748	4.860209	70.14231	39.2592	30.88311	29.18515	3
1675.57	1677.675	1316.675	103.936	368.1657	97.52843	89.62227	4.94119	0	95.05881	68.76161	26.2972	-9999	3
1675.575	1677.681	1316.681	100.4431	127.4516	100.0065	103.2515	20.13279	16.10707	63.76014	44.5856	19.17454	28.02198	3
1675.58	1677.687	1316.687	100.8443	229.9365	100.6791	89.28006	0	25.23876	74.76124	74.76124	0	-9999	3
1675.585	1677.693	1316.693	90.12968	126.9503	89.62227	85.09097	30.29115	9.539068	60.16978	43.58521	16.58457	29.20842	3
1675.59	1677.699	1316.699	85.85799	91.88825	86.448	89.69307	34.2011	9.141519	56.65738	29.33247	27.32492	28.13135	3
1675.595	1677.705	1316.705	95.05038	129.1086	93.95295	92.07672	29.81439	9.172068	61.01354	31.96795	29.0456	28.95552	3
1675.6	1677.71	1316.71	98.40165	82.73981	97.78803	95.93539	34.20295	10.50026	55.29679	21.2517	34.0451	29.50135	3
1675.605	1677.716	1316.716	99.07426	178.4155	98.70845	96.46641	8.510127	18.97287	72.51701	51.96127	20.55573	29.56884	3
1675.61	1677.722	1316.722	104.1602	98.27963	103.8888	104.172	22.49237	18.66592	58.84171	37.78172	21.05999	28.45858	3
1675.615	1677.728	1316.728	101.3281	97.82012	99.48727	95.23918	37.37217	5.149593	57.47824	32.06356	25.41468	30.51006	3
1675.62	1677.734	1316.734	92.54873	85.46903	90.49548	88.80805	50.0843	1.085427	48.83028	30.14987	18.68041	31.03367	3
1675.625	1677.74	1316.74	90.60169	54.58432	89.28006	87.54542	53.67965	1.556388	44.76396	12.94196	31.822	31.79043	3
1675.63	1677.746	1316.746	90.17688	89.99451	87.88763	84.30036	53.00027	0.137458	46.86228	17.25494	29.60734	31.58493	3
1675.635	1677.751	1316.751	90.29488	105.6597	88.15904	85.38598	47.91186	1.782941	50.30519	25.21015	25.09504	30.491	3
1675.64	1677.757	1316.757	86.07039	109.2243	83.56874	81.7161	53.77075	0.412905	45.81635	15.71997	30.09637	30.71434	3
1675.645	1677.763	1316.763	91.06189	102.1367	89.55146	88.78445	43.21181	4.13645	52.65174	31.28196	21.36978	29.65303	3
1675.65	1677.769	1316.769	92.30092	75.83322	91.02649	90.24768	46.60832	3.716439	49.67524	20.6944	28.98085	30.41041	3
1675.655	1677.775	1316.775	92.70213	89.66032	91.85251	91.02649	39.60078	6.688716	53.7105	22.06385	31.64666	29.51686	3
1675.66	1677.781	1316.781	91.56931	60.50227	91.5575	91.62831	41.20614	7.909694	50.88416	31.10115	19.78301	29.68609	3
1675.665	1677.787	1316.787	96.2422	98.80877	94.12996	89.02045	43.91534	2.358347	53.72631	31.40784	22.31847	31.02206	3
1675.67	1677.792	1316.792	104.3962	131.1973	104.3372	104.5732	12.66303	22.91347	64.4235	47.77636	16.64714	28.6184	3
1675.675	1677.798	1316.798	110.0721	162.8479	113.211	112.6209	0	71.26098	28.73902	28.73902	0	-9999	3
1675.68	1677.804	1316.804	112.0191	175.8395	116.2554	119.7483	0	95.51587	4.484126	4.484126	0	-9999	3
1675.685	1677.81	1316.81	107.0394	122.94	108.9629	112.9867	0	45.59907	54.40093	54.40093	0	-9999	3
1675.69	1677.816	1316.816	98.10664	214.0068	94.34236	90.63709	27.12541	1.653443	71.22115	37.39667	33.82448	29.17221	3
1675.695	1677.822	1316.822	98.69665	407.7533	91.81711	82.12911	3.839239	0	96.16076	88.73047	7.43029	-9999	3
1675.7	1677.828	1316.828	93.98835	101.9696	92.43072	91.82891	40.92571	4.730701	54.34359	37.35281	16.99078	29.6069	3
1675.705	1677.833	1316.833	97.24522	193.649	97.88243	96.74961	0	24.69104	75.30896	75.30896	0	-9999	3
1675.71	1677.839	1316.839	89.55146	142.8383	89.42166	87.38022	24.05176	11.8574	64.09084	29.86926	34.22158	28.57185	3
1675.715	1677.845	1316.845	84.34756	101.5658	86.11759	87.81683	24.10353	12.89824	62.99823	41.18333	21.8149	28.27879	3
1675.72	1677.851	1316.851	92.08852	136.7393	91.2153	89.13846	28.95509	9.501911	61.543	37.32077	24.22222	28.74105	3
1675.725	1677.857	1316.857	95.06218	96.2188	94.54297	93.50454	33.28173	9.912362	56.80591	22.97571	33.8302	29.12578	3
1675.73	1677.863	1316.863	96.018	189.9172	96.0534	95.59319	5.429115	19.85482	74.71606	73.13713	1.578926	-9999	3
1675.735	1677.869	1316.869	100.4195	102.9026	100.2661	101.4697	23.90052	16.37304	59.72644	37.85743	21.86901	28.37169	3
1675.74	1677.874	1316.874	96.1596	143.4927	94.15356	92.05312	32.35475	5.897967	61.74728	42.91443	18.83286	29.13702	3
1675.745	1677.88	1316.88	88.93785	103.1532	86.94361	84.53636	48.66946	1.940242	49.3903	29.12626	20.26403	30.42888	3
1675.75	1677.886	1316.886	87.66342	62.57703	86.3536	85.36238	54.35717	1.334225	44.30861	21.70189	22.60672	31.46395	3
1675.755	1677.892	1316.892	87.21502	74.94205	85.62198	82.25891	53.97221	1.108779	44.91901	12.67674	32.24227	31.63463	3
1675.76	1677.898	1316.898	88.33604	114.9056	86.4834	80.20567	45.28164	3.13427	51.58409	17.61609	33.968	30.5225	3
1675.765	1677.904	1316.904	82.43592	91.52621	80.80748	78.86044	54.62997	1.274891	44.09514	21.89026	22.20488	30.83443	3
1675.77	1677.91	1316.91	88.59564	129.6795	86.6132	83.02593	42.47347	3.721406	53.80512	28.5515	25.25362	29.5723	3
1675.775	1677.915	1316.915	90.07067	97.0125	88.85525	88.72545	43.0775	4.679734	52.24277	34.98175	17.26102	29.50072	3
1675.78	1677.921	1316.921	89.16206	96.26057	88.64285	87.33302	38.69973	6.998295	54.30197	31.96697	22.335	29.28251	3
1675.785	1677.927	1316.927	88.78445	87.91975	88.65465	86.15299	38.0477	7.766029	54.18627	29.65265	24.53363	29.53115	3
1675.79	1677.933	1316.933	86.33	53.73492	85.23257	83.35634	56.07758	1.095602	42.82682	25.10287	17.72395	31.95768	3
1675.795	1677.939	1316.939	86.96721	104.2393	85.62198	83.92275	45.18976	3.853983	50.95626	25.93073	25.02553	29.70171	3
1675.8	1677.945	1316.945	91.65191	174.6141	87.95843	85.38598	42.04806	0.57993	57.37201	29.74059	27.63142	29.14067	3
1675.805	1677.951	1316.951	93.48094	139.7888	91.1799	87.87583	38.00176	3.817389	58.18085	38.64555	19.5353	29.50017	3
1675.81	1677.957	1316.957	101.2809	93.7263	101.0685	99.15686	25.78594	16.09603	58.11803	28.8697	29.24833	28.99217	3
1675.815	1677.962	1316.962	107.7474	121.2273	107.5704	110.1901	12.90712	25.08707	62.00581	55.11245	6.89336	27.95852	3
1675.82	1677.968	1316.968	103.0981	109.837	102.2839	99.87668	24.87933	14.20827	60.9124	26.80527	34.10713	29.19744	3
1675.825	1677.974	1316.974	96.99742	67.06074	97.20982	97.37502	32.88754	13.36078	53.75168	26.81781	26.93387	28.9796	3
1675.83	1677.98	1316.98	98.18924	122.7312	97.02102	95.19198	29.01869	9.762419	61.21889	31.66108	29.55782	29.12133	3
1675.835	1677.986	1316.986	95.28638	108.1243	94.12996	94.69637	35.13273	7.555876	57.31139	32.03183	25.27957	28.91971	3
1675.84	1677.992	1316.992	95.28638	88.71345	94.59017	95.06218	36.26353	8.610368	55.1261	29.68197	25.44412	29.11167	3
1675.845	1677.998	1316.998	101.0449	191.2679	97.50483	93.64615	28.18742	0.700871	71.11171	46.33431	24.7774	29.78552	3
1675.85	1678.003	1317.003	99.20406	126.087	96.96202	94.56657	35.59507	4.026334	60.3786	27.94358	32.43503	29.79578	3
1675.855	1678.009	1317.009	91.97051	28.29473	91.85251	91.3569	49.45432	5.49264	45.05304	33.12513	11.92791	31.14598	3
1675.86	1678.015	1317.015	97.88243	94.08834	98.74385	97.81163	20.5028	20.03219	59.46501	46.37032	13.0947	28.68588	3
1675.865	1678.021	1317.021	99.19226	55.3641	99.99468	100.2071	29.12628	18.48336	52.39037	38.19803	14.19234	28.62979	3
1675.87	1678.027	1317.027	98.05944	49.02842	99.29846	101.1629	28.31799	19.64374	52.03826	30.54166	21.49661	28.29221	3
1675.875	1678.033	1317.033	100.7381	76.86364	100.7027	96.56081	28.99431	15.7254	55.2803	22.74301	32.53729	29.5114	3
1675.88	1678.039	1317.039	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1676	1678.179	1317.179	97.36322	59.97313	96.0652	92.07672	45.97204	4.414094	49.61386	16.92883	32.68504	31.33868	-9999
1676.005	1678.185	1317.185	93.17414	53.87417	92.97353	92.44252	42.79693	7.540898	49.66218	30.42052	19.24165	30.06905	-9999
1676.01	1678.191	1317.191	96.52541	71.21026	95.33358	94.70817	43.20038	5.400778	51.39884	21.9301	29.46874	30.21969	3
1676.015	1678.197	1317.197	96.66701	118.4703	94.66097	93.42194	37.94337	4.317184	57.73945	36.90857	20.83088	29.56305	3

1676.02	1678.203	1317.203	91.0855	91.2895	90.22408	90.90849	40.78527	6.078721	53.13601	35.93292	17.20309	29.24127	3
1676.025	1678.208	1317.208	88.67825	39.81035	88.46584	88.13543	50.42804	4.149832	45.42213	24.57669	20.84544	31.03725	3
1676.03	1678.214	1317.214	98.69665	103.5988	97.92964	96.93842	30.07254	11.15429	58.77317	35.5942	23.17896	29.04649	3
1676.035	1678.22	1317.22	97.44583	158.8376	94.48397	90.27128	34.86556	2.151787	62.98265	35.81674	27.16591	29.77355	3
1676.04	1678.226	1317.226	102.4255	131.7125	102.2013	98.43705	15.63167	19.61697	64.75136	40.23472	24.51665	29.35243	3
1676.045	1678.232	1317.232	105.647	135.9178	105.116	102.6733	14.028	20.4536	65.5184	49.61941	15.89898	29.18349	3
1676.05	1678.238	1317.238	102.6615	96.39981	100.9977	97.71723	35.11735	6.766942	58.11571	23.9562	34.15951	30.16145	3
1676.055	1678.244	1317.244	102.3665	123.4831	101.3517	99.08606	23.80474	13.12852	63.06674	45.57783	17.4889	29.18784	3
1676.06	1678.249	1317.249	95.25098	94.21366	93.92935	93.07974	39.812	5.768092	54.4199	26.19562	28.22429	29.6698	3
1676.065	1678.255	1317.255	94.14176	114.7524	93.29214	94.36596	32.20404	9.027031	58.76893	27.78907	30.97986	28.53599	3
1676.07	1678.261	1317.261	108.3256	84.84242	108.7033	110.1429	16.88208	29.11937	53.99855	42.20507	11.79348	27.52155	3
1676.075	1678.267	1317.267	104.5142	79.8435	104.4198	103.9832	25.25645	19.27655	55.467	30.2703	25.19669	28.54354	3
1676.08	1678.273	1317.273	110.3553	97.79227	111.6061	113.565	5.113503	43.74536	51.14113	50.93332	0.207815	-9999	3
1676.085	1678.279	1317.279	105.0334	79.03587	105.3756	105.4464	21.5905	23.64692	54.76257	29.46479	25.29778	28.15048	3
1676.09	1678.285	1317.285	91.2153	73.20148	90.21228	88.06463	46.14058	4.315913	49.54351	21.65408	27.88943	30.54736	3
1676.095	1678.29	1317.29	91.5103	54.97421	90.82589	88.06463	47.81097	4.556203	47.63283	26.44974	21.18308	31.07371	8
1676.1	1678.296	1317.296	95.00318	70.93177	94.35416	92.01771	40.46144	7.502924	52.03563	19.515	32.52063	30.10752	8
1676.105	1678.302	1317.302	99.10966	111.4941	97.67003	93.64615	32.99468	7.793536	59.21178	39.98208	19.22971	29.85173	8
1676.11	1678.308	1317.308	90.88489	100.2151	91.0973	95.74659	30.4877	11.16562	58.34668	37.34095	21.00573	27.78589	8
1676.115	1678.314	1317.314	96.52541	81.27773	96.58441	95.08578	31.07016	13.04344	55.8864	36.70761	19.17879	29.14276	8
1676.12	1678.32	1317.32	100.7735	60.48834	100.4431	100.7853	35.21086	12.58303	52.20611	33.61758	18.58854	29.19429	8
1676.125	1678.326	1317.326	102.9801	88.01722	102.4609	102.3193	27.98199	14.90449	57.11353	28.11051	29.00302	28.79925	8
1676.13	1678.332	1317.332	102.2249	71.55838	102.2485	102.0951	28.45304	17.24697	54.29999	32.25365	22.04634	28.68609	8
1676.135	1678.337	1317.337	103.5348	95.68966	103.2987	101.7293	23.42017	18.15852	58.42131	30.99891	27.4224	28.81833	8
1676.14	1678.343	1317.343	99.79407	144.0636	98.03584	92.76113	26.95238	8.296669	64.75095	27.81733	36.93362	29.78584	8
1676.145	1678.349	1317.349	114.9456	140.0812	115.158	116.043	0	42.75371	57.24629	57.24629	0	-9999	8
1676.15	1678.355	1317.355	104.7148	77.75481	104.6676	104.6794	25.21155	19.76179	55.02666	29.02076	26.0059	28.42508	8
1676.155	1678.361	1317.361	97.52843	61.07317	97.74083	97.67003	33.848	13.40956	52.74244	34.98144	17.761	29.10038	8
1676.16	1678.367	1317.367	91.87611	59.40223	91.4277	90.97929	44.57381	6.059489	49.3667	24.73455	24.63215	30.18524	8
1676.165	1678.373	1317.373	88.94965	106.0495	87.76963	84.66616	41.64752	5.086235	53.26625	30.99651	22.26974	29.72651	8
1676.17	1678.378	1317.378	102.2131	267.3657	102.8503	105.47	0	35.19903	64.80097	64.80097	0	-9999	8
1676.175	1678.384	1317.384	130.4275	239.3912	131.4069	133.6254	0	100	0	0	0	-9999	8
1676.18	1678.39	1317.39	96.86761	123.3299	95.64039	94.34236	30.54695	8.873075	60.57998	28.00333	32.57665	29.0136	8
1676.185	1678.396	1317.396	88.01743	58.98449	88.08823	89.13846	44.201	6.192522	49.60647	32.00592	17.60056	29.71916	8
1676.19	1678.402	1317.402	93.43374	74.14835	93.18594	91.72271	38.01755	8.835962	53.14649	24.87838	28.26811	29.61831	8
1676.195	1678.408	1317.408	90.30668	82.62841	88.79625	86.82561	48.62762	2.625379	48.747	16.89719	31.84981	30.69539	8
1676.2	1678.414	1317.414	91.2153	60.30732	90.87309	90.12968	44.13966	6.251126	49.60922	17.83023	31.77899	30.15023	3
1676.205	1678.419	1317.419	91.02649	127.3124	87.65162	85.14997	51.60127	0	48.39873	21.94663	26.4521	28.92661	3
1676.21	1678.425	1317.425	89.95267	88.76915	88.05283	84.59536	50.48516	1.477321	48.03752	18.51237	29.52515	31.14479	3
1676.215	1678.431	1317.431	89.04405	74.69141	88.11183	88.76085	47.22885	3.923497	48.84765	23.01293	25.83472	30.02243	3
1676.22	1678.437	1317.437	100.4667	112.065	100.4903	104.408	20.26802	18.26292	61.46905	43.73337	17.73569	27.81555	3
1676.225	1678.443	1317.443	110.7565	114.5296	112.1135	114.5562	0	47.11213	52.88787	52.88787	0	-9999	3
1676.23	1678.449	1317.449	113.9426	134.7202	115.0282	115.394	0	52.71118	47.28882	47.28882	0	-9999	3
1676.235	1678.455	1317.455	114.273	131.2669	114.7214	117.0106	0	44.12965	55.87035	55.87035	0	-9999	3
1676.24	1678.46	1317.46	113.7774	119.9184	113.9426	118.9931	5.024244	38.40313	56.57262	49.5972	6.975419	-9999	3
1676.245	1678.466	1317.466	114.1432	155.2172	115.0872	116.3144	0	52.55676	47.44324	47.44324	0	-9999	3
1676.25	1678.472	1317.472	111.8303	136.5722	112.0663	112.0427	2.236593	36.85381	60.90959	60.90959	0	-9999	3
1676.255	1678.478	1317.478	106.9804	229.7415	106.9922	111.8657	0	33.29062	66.70938	66.70938	0	-9999	3
1676.26	1678.484	1317.484	108.6089	174.7395	109.1281	104.7974	0	37.15228	62.84772	62.84772	0	-9999	3
1676.265	1678.49	1317.49	110.0721	153.3235	110.2845	109.7771	0	34.7165	65.2835	65.2835	0	-9999	3
1676.27	1678.496	1317.496	108.2784	162.6112	108.4555	105.7768	0	32.19866	67.80134	67.80134	0	-9999	3
1676.275	1678.501	1317.501	111.0987	169.6848	111.5471	110.6503	0	40.37272	59.62728	59.62728	0	-9999	3
1676.28	1678.507	1317.507	99.97108	155.1615	98.46065	97.69363	22.18336	10.65759	67.15904	38.1289	29.03014	28.84666	3
1676.285	1678.513	1317.513	105.0216	325.3337	104.9036	110.6857	0	36.20397	63.79603	63.79603	0	-9999	3
1676.29	1678.519	1317.519	108.1014	332.3795	110.0485	100.4903	0	62.47232	37.52768	37.52768	0	-9999	3
1676.295	1678.525	1317.525	109.4349	246.089	112.2669	116.338	0	70.84978	29.15022	29.15022	0	-9999	3
1676.3	1678.531	1317.531	106.355	217.8778	105.0688	100.4667	0	19.92526	80.07474	80.07474	0	-9999	3
1676.305	1678.537	1317.537	102.5317	150.1347	101.6939	102.3901	15.83128	16.34018	67.82854	47.98752	19.84102	28.68051	3
1676.31	1678.542	1317.542	104.4906	182.5511	102.3901	100.0537	15.96973	9.984506	74.04576	47.44976	26.596	29.66247	3
1676.315	1678.548	1317.548	112.7271	205.1229	111.6533	111.9719	0	26.60149	73.39851	73.39851	0	-9999	3
1676.32	1678.554	1317.554	123.7368	175.1711	124.8106	125.5776	0	87.77781	12.22219	12.22219	0	-9999	3
1676.325	1678.56	1317.56	117.3764	230.6605	114.6506	109.0101	0	9.351115	90.64888	90.64888	0	-9999	3
1676.33	1678.566	1317.566	107.3226	212.1548	104.1956	98.62585	14.15647	3.993044	81.85048	60.92072	20.92977	30.99501	3
1676.335	1678.572	1317.572	98.90906	164.1707	96.372	98.27184	28.93651	4.856851	66.20664	43.30365	22.90298	28.4529	3
1676.34	1678.578	1317.578	98.51965	106.2445	97.23342	97.42223	33.61901	8.105375	58.27561	30.38569	27.88992	29.08037	3
1676.345	1678.583	1317.583	100.2307	123.7616	99.74687	98.47245	21.58699	15.37634	63.03667	33.76172	29.27495	28.84869	3
1676.35	1678.589	1317.589	107.948	171.5647	108.3611	107.7828	0	34.75197	65.24803	65.24803	0	-9999	3
1676.355	1678.595	1317.595	109.5057	218.9221	108.0542	102.1305	0	20.56067	79.43933	79.43933	0	-9999	-9999
1676.36	1678.601	1317.601	108.1722	193.5516	106.0954	104.5968	9.737587	12.08941	78.17301	60.27394	17.89907	30.09457	-9999
1676.365	1678.607	1317.607	109.5529	250.9904	107.5232	105.5644	0	16.93641	83.06359	83.06359	0	-9999	-9999
1676.37	1678.613	1317.613	110.8155	294.1427	111.6651	112.7271	0	53.10307	46.89693	46.89693	0	-9999	-9999
1676.375	1678.619	1317.619	112.5383	233.4037	114.1432	118.0018	0	62.95387	37.04613	37.04613	0	-9999	-9999
1676.38	1678.624	1317.624	113.3526	270.0949	112.7271	109.4703	0	37.35417	62.64583	62.64583	0	-9999	-9999

1676.385	1678.63	1317.63	118.7807	337.2671	119.2999	120.7631	0	70.23701	29.76299	29.76299	0	-9999	-9999
1676.39	1678.636	1317.636	120.8457	258.8857	122.2499	124.1262	0	88.91964	11.08036	11.08036	0	-9999	-9999
1676.395	1678.642	1317.642	119.9489	246.1725	120.8575	122.8399	0	74.87869	25.12131	25.12131	0	-9999	-9999
1676.4	1678.648	1317.648	119.2055	242.3154	121.7307	126.2266	0	100	0	0	0	-9999	-9999
1676.405	1678.654	1317.654	119.0403	242.6357	120.8103	123.4064	0	87.95506	12.04494	12.04494	0	-9999	-9999
1676.41	1678.66	1317.66	118.4621	213.7561	119.0285	117.754	0	61.85496	38.14504	38.14504	0	-9999	-9999
1676.415	1678.666	1317.666	100.6791	210.4142	100.0773	94.12996	1.119041	20.75666	78.1243	78.1243	0	-9999	-9999
1676.42	1678.671	1317.671	101.3753	217.1119	100.0065	94.34236	4.802048	16.39605	78.8019	78.8019	0	-9999	-9999
1676.425	1678.677	1317.677	100.6791	228.7668	98.54325	97.30422	8.56646	11.89715	79.53639	70.65548	8.880907	29.5864	-9999
1676.43	1678.683	1317.683	103.0037	322.1728	101.7411	100.2897	0	25.10115	74.89885	74.89885	0	-9999	-9999
1676.435	1678.689	1317.689	102.6261	260.668	103.7826	107.0158	0	39.49006	60.50994	60.50994	0	-9999	-9999
1676.44	1678.695	1317.695	106.6146	240.4356	107.7592	109.3523	0	44.60366	55.39634	55.39634	0	-9999	-9999
1676.445	1678.701	1317.701	110.1193	270.8329	109.6827	110.0249	0	35.43263	64.56737	64.56737	0	-9999	-9999
1676.45	1678.707	1317.707	115.5592	306.8419	116.3498	115.3822	0	64.08983	35.91017	35.91017	0	-9999	-9999
1676.455	1678.712	1317.712	116.5858	226.8452	117.223	119.1583	0	58.91433	41.08567	41.08567	0	-9999	-9999
1676.46	1678.718	1317.718	116.6448	234.8379	118.9577	121.8015	0	87.85893	12.14107	12.14107	0	-9999	-9999
1676.465	1678.724	1317.724	115.7834	225.1325	118.4267	123.8666	0	89.43993	10.56007	10.56007	0	-9999	-9999
1676.47	1678.73	1317.73	116.397	223.3223	117.1758	124.374	0	60.46045	39.53955	39.53955	0	-9999	-9999
1676.475	1678.736	1317.736	111.2403	244.599	113.2936	119.9961	0	66.11256	33.88744	33.88744	0	-9999	-9999
1676.48	1678.742	1317.742	93.75235	209.6205	91.3687	82.71912	21.49295	8.197348	70.3097	51.85597	18.45373	29.53966	-9999
1676.485	1678.748	1317.748	105.9774	324.5122	103.4757	105.5408	0	16.71918	83.28082	83.28082	0	-9999	-9999
1676.49	1678.753	1317.753	114.8748	228.3908	116.1374	121.2941	0	64.18693	35.81307	35.81307	0	-9999	-9999
1676.495	1678.759	1317.759	119.2055	238.5279	121.0227	124.8224	0	89.25664	10.74336	10.74336	0	-9999	-9999
1676.5	1678.765	1317.765	111.7713	288.9767	111.4409	107.8536	0	40.1016	59.8984	59.8984	0	-9999	-9999
1676.505	1678.771	1317.771	112.2669	272.1697	113.0929	107.889	0	54.41507	45.58493	45.58493	0	-9999	-9999
1676.51	1678.777	1317.777	112.1135	295.3541	110.9571	105.1868	0	31.08975	68.91025	68.91025	0	-9999	-9999
1676.515	1678.783	1317.783	112.2787	246.9941	112.4085	111.3465	0	43.76624	56.23376	56.23376	0	-9999	-9999
1676.52	1678.789	1317.789	112.9277	180.9916	112.5973	116.043	0	34.51478	65.48522	65.48522	0	-9999	-9999
1676.525	1678.794	1317.794	113.4116	247.2308	112.8097	112.9867	0	36.19584	63.80416	63.80416	0	-9999	-9999
1676.53	1678.8	1317.8	112.0545	200.2771	112.7035	116.1138	0	46.81121	53.18879	53.18879	0	-9999	-9999
1676.535	1678.806	1317.806	110.6739	244.0142	110.9925	112.4085	0	43.07704	56.92296	56.92296	0	-9999	-9999
1676.54	1678.812	1317.812	110.6267	243.137	109.2933	107.8772	0	24.26536	75.73464	75.73464	0	-9999	-9999
1676.545	1678.818	1317.818	111.7005	269.0924	110.4733	102.8739	0	28.10993	71.89007	71.89007	0	-9999	-9999
1676.55	1678.824	1317.824	110.8745	248.5536	109.3995	105.057	0	23.27981	76.72019	76.72019	0	-9999	-9999
1676.555	1678.83	1317.83	109.7889	236.7456	111.3937	115.6418	0	56.08956	43.91044	43.91044	0	-9999	-9999
1676.56	1678.835	1317.835	112.9985	221.8602	114.5208	122.3797	0	62.29414	37.70586	37.70586	0	-9999	-9999
1676.565	1678.841	1317.841	106.7326	161.3301	105.6824	107.2872	10.90333	18.48366	70.61301	58.77501	11.838	28.85037	-9999
1676.57	1678.847	1317.847	98.28364	118.15	96.44281	91.4277	35.25324	5.597438	59.14932	41.39247	17.75685	30.15452	-9999
1676.575	1678.853	1317.853	91.58111	65.29232	90.33028	88.11183	49.63854	2.870772	47.49069	23.19718	24.2935	31.15647	-9999
1676.58	1678.859	1317.859	94.93237	83.71453	93.18594	91.87611	45.93818	2.861977	51.19984	34.39044	16.80941	30.55181	9
1676.585	1678.865	1317.865	108.9393	162.0542	108.1486	117.0814	6.686045	22.9923	70.32165	64.45492	5.866734	-9999	9
1676.59	1678.871	1317.871	116.397	120.6007	116.8572	113.8128	0.162748	48.44453	51.39273	51.39273	0	-9999	9
1676.595	1678.876	1317.876	109.5293	93.37818	108.6325	104.113	23.58589	17.84016	58.57395	43.71762	14.85633	29.42128	9
1676.6	1678.882	1317.882	102.6143	70.20769	100.8443	98.01224	42.32233	4.222835	53.45483	32.74583	20.709	30.95206	9
1676.605	1678.888	1317.888	107.1456	132.3531	104.8682	98.20104	27.0468	5.855094	67.09811	45.70378	21.39433	30.73936	9
1676.61	1678.894	1317.894	103.0273	60.66936	102.2721	99.62887	36.38578	11.28679	52.32743	33.60618	18.72125	29.95189	9
1676.615	1678.9	1317.9	104.2192	103.0279	102.6497	96.3484	31.34871	8.615804	60.03548	39.61031	20.42517	30.46261	9
1676.62	1678.906	1317.906	105.6352	157.1945	102.6261	94.75537	28.09478	1.385483	70.51973	28.93009	41.58964	31.13382	9
1676.625	1678.912	1317.912	100.7263	86.45767	98.34264	94.69637	44.88233	0.738308	54.37936	24.53175	29.84761	31.39848	9
1676.63	1678.917	1317.917	103.4994	231.5099	98.43705	93.04434	27.98805	0	72.01195	28.19354	43.81841	20.77957	9
1676.635	1678.923	1317.923	112.1135	181.103	112.2197	114.4028	0	38.73355	61.26645	61.26645	0	-9999	9
1676.64	1678.929	1317.929	108.3611	194.763	108.243	108.8803	0	31.43268	68.56732	68.56732	0	-9999	9
1676.645	1678.935	1317.935	106.2016	245.0168	107.1338	109.6119	0	42.09135	57.90865	57.90865	0	-9999	9
1676.65	1678.941	1317.941	105.3284	239.8786	103.877	104.0186	0	19.37713	80.62287	80.62287	0	-9999	9
1676.655	1678.947	1317.947	106.119	292.4578	103.4049	99.79407	0	12.85088	87.14912	87.14912	0	-9999	9
1676.66	1678.953	1317.953	106.355	188.664	105.4228	103.7826	3.721394	21.08816	75.19045	75.19045	0	-9999	9
1676.665	1678.958	1317.958	106.473	238.6393	106.1072	105.8948	0	29.72122	70.27878	70.27878	0	-9999	9
1676.67	1678.964	1317.964	110.0839	211.1522	111.2167	112.5973	0	49.37606	50.62394	50.62394	0	-9999	9
1676.675	1678.97	1317.97	107.6058	172.428	108.0896	113.8482	0	35.00291	64.99709	64.99709	0	-9999	9
1676.68	1678.976	1317.976	97.84703	151.1373	94.99138	90.68429	35.53685	2.182174	62.28097	31.68172	30.59925	29.92058	9
1676.685	1678.982	1317.982	90.27128	80.60935	88.72545	85.82259	49.42316	2.342806	48.23404	28.85865	19.37538	30.99712	9
1676.69	1678.988	1317.988	91.65191	66.94934	90.24768	87.81683	50.36128	2.361349	47.27737	14.544	32.73337	31.29875	9
1676.695	1678.994	1317.994	102.3665	129.3036	100.8443	99.45187	26.32862	9.869666	63.80171	30.41705	33.38466	29.19286	9
1676.7	1678.999	1317.999	114.863	128.6491	115.217	115.0164	0.44941	43.86892	55.68167	55.68167	0	-9999	9
1676.705	1679.005	1318.005	111.2639	98.92016	110.6267	106.6264	18.63693	22.97348	58.3896	39.06805	19.32155	28.95849	9
1676.71	1679.011	1318.011	101.7647	54.27798	100.3723	98.85005	44.03251	5.43239	50.5351	30.80439	19.7307	30.84616	9
1676.715	1679.017	1318.017	104.9154	113.5549	102.6261	97.97684	33.73923	3.975236	62.28553	27.71766	34.56787	30.60936	9
1676.72	1679.023	1318.023	104.5142	89.98059	103.3695	100.1717	30.94249	11.26745	57.79005	24.95512	32.83493	29.72724	9
1676.725	1679.029	1318.029	103.3459	83.32464	102.4609	101.0095	31.61606	12.0567	56.32725	28.75012	27.57713	29.35441	9
1676.73	1679.035	1318.035	105.2812	129.5124	102.6025	97.77623	32.55887	2.080963	65.36016	30.92531	34.43486	30.70217	9
1676.735	1679.041	1318.041	101.6703	76.73832	99.59347	96.77321	43.98817	2.254866	53.75696	25.16617	28.5908	31.172	9
1676.74	1679.046	1318.046	103.0509	142.5041	99.68787	93.57535	36.77093	0	63.22907	20.95766	42.2714	28.60016	9
1676.745	1679.052	1318.052	113.6476	171.8292	112.3731	108.4437	3.738377	22.78201	73.47961	69.74298	3.736635	-9999	9

1676.75	1679.058	1318.058	108.4673	75.03952	107.4642	104.3372	29.82397	14.53837	55.63766	30.26464	25.37302	29.52361	9
1676.755	1679.064	1318.064	108.5971	74.52431	107.712	105.7296	28.91472	15.79595	55.28934	22.23474	33.0546	29.1758	9
1676.76	1679.07	1318.07	113.1283	110.7839	112.3731	109.2225	14.96514	24.65146	60.38341	42.16182	18.22159	28.81564	9
1676.765	1679.076	1318.076	116.9516	136.5861	117.6124	117.1758	0	54.16197	45.83803	45.83803	0	-9999	9
1676.77	1679.082	1318.082	113.0457	115.5879	111.0043	108.8449	23.84682	9.182876	66.9703	41.05913	25.91117	29.89141	9
1676.775	1679.087	1318.087	105.5644	68.95448	105.8594	106.6972	23.90748	23.24288	52.84964	40.07672	12.77292	27.99482	9
1676.78	1679.093	1318.093	106.827	72.07359	107.299	108.2194	20.61926	26.91529	52.46545	30.47471	21.99074	27.69859	9
1676.785	1679.099	1318.099	110.8273	95.48079	111.0397	112.1371	13.2864	32.0577	54.6559	44.56905	10.08685	27.447	9
1676.79	1679.105	1318.105	116.987	94.33898	117.6006	118.1671	4.786404	50.62793	44.58566	44.58566	0	-9999	9
1676.795	1679.111	1318.111	122.7573	90.87176	122.5213	122.9462	6.901313	49.64104	43.45765	28.98801	14.46963	-9999	9
1676.8	1679.117	1318.117	127.796	107.1496	127.8669	121.9431	0	73.8522	26.1478	26.1478	0	-9999	9
1676.805	1679.123	1318.123	132.6459	96.2188	134.0502	138.5579	0	100	0	0	0	-9999	9
1676.81	1679.128	1318.128	130.6399	67.38101	131.7373	133.6608	0	100	0	0	0	-9999	9
1676.815	1679.134	1318.134	128.7047	72.70019	129.2121	130.6753	0.065828	87.67097	12.2632	12.2632	0	-9999	9
1676.82	1679.14	1318.14	127.5364	77.22568	127.9613	126.2974	0.685589	80.54455	18.76986	18.76986	0	-9999	9
1676.825	1679.146	1318.146	123.8548	115.2258	124.197	123.8666	0	67.20805	32.79195	32.79195	0	-9999	9
1676.83	1679.152	1318.152	111.9129	132.1163	112.2905	113.6122	2.141495	38.4776	59.3809	59.3809	0	-9999	9
1676.835	1679.158	1318.158	112.7507	128.4542	111.8067	110.7329	12.49956	23.04138	64.45906	41.34105	23.11801	28.8119	9
1676.84	1679.164	1318.164	113.3644	127.6048	112.1135	109.3523	14.51834	19.82157	65.66009	42.13584	23.52425	29.29515	9
1676.845	1679.169	1318.169	118.0608	187.926	118.8987	118.2615	0	63.73495	36.26505	36.26505	0	-9999	9
1676.85	1679.175	1318.175	120.7631	203.1734	119.5477	113.3526	0	34.16122	65.83878	65.83878	0	-9999	9
1676.855	1679.181	1318.181	112.8569	134.9848	113.2228	114.6742	0.670282	40.33083	58.99889	58.99889	0	-9999	9
1676.86	1679.187	1318.187	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1677	1679.351	1318.351	96.2304	36.67732	96.3484	97.18622	41.6776	10.13949	48.18291	32.59331	15.58961	29.79613	6
1677.005	1679.357	1318.357	99.42827	56.36667	97.67003	96.67881	48.51159	2.258006	49.2304	30.89977	18.33063	31.3842	6
1677.01	1679.363	1318.363	102.7913	81.22203	101.3045	103.0627	37.29918	7.077593	55.62323	37.57991	18.04332	29.41327	6
1677.015	1679.369	1318.369	98.81465	62.45171	97.30422	95.02678	45.68305	3.939883	50.37707	20.27802	30.09905	31.0683	6
1677.02	1679.375	1318.375	94.22436	31.7898	94.02376	92.97353	47.17514	6.69202	46.13284	20.63948	25.49337	30.91968	6
1677.025	1679.38	1318.38	94.66097	72.64449	94.44856	93.50454	36.97807	9.665693	53.35623	30.91298	22.44325	29.46552	6
1677.03	1679.386	1318.386	94.86157	54.69572	94.92057	94.97958	39.03373	10.0073	50.95897	19.7894	31.16957	29.55665	6
1677.035	1679.392	1318.392	94.67277	60.82253	93.90575	92.63133	44.12637	6.050528	49.8231	19.06419	30.75891	30.39065	6
1677.04	1679.398	1318.398	111.0987	211.194	111.9955	107.8772	0	48.67734	51.32266	51.32266	0	-9999	6
1677.045	1679.404	1318.404	121.6599	229.8111	125.436	132.1031	0	100	0	0	0	-9999	6
1677.05	1679.41	1318.41	114.7332	200.4164	116.4796	120.7631	0	69.32093	30.67907	30.67907	0	-9999	6
1677.055	1679.416	1318.416	110.9807	167.1366	112.3613	118.4975	0	51.49535	48.50465	48.50465	0	-9999	6
1677.06	1679.421	1318.421	111.7713	85.78929	112.1135	112.7861	13.75727	34.64323	51.5995	43.49214	8.107356	27.16874	6
1677.065	1679.427	1318.427	119.8899	68.48105	120.6687	122.4269	7.093066	60.19591	32.71102	32.71102	0	-9999	6
1677.07	1679.433	1318.433	124.0318	63.32896	124.7634	125.6366	4.895146	73.36591	21.73895	21.73895	0	-9999	6
1677.075	1679.439	1318.439	115.8424	48.03977	116.2554	114.2258	18.59855	41.49991	39.90154	27.55359	12.34796	26.3048	6
1677.08	1679.445	1318.445	115.7008	116.5626	115.6418	116.6684	5.804374	38.68625	55.50937	55.50937	0	-9999	6
1677.085	1679.451	1318.451	114.5208	103.0558	115.5356	115.8542	1.83653	51.03728	47.12619	47.12619	0	-9999	6
1677.09	1679.457	1318.457	116.8218	114.2511	117.8602	122.3561	0	58.53577	41.46423	41.46423	0	-9999	6
1677.095	1679.462	1318.462	102.5081	106.4951	102.2013	103.0627	22.29845	17.36283	60.33872	42.95567	17.38305	28.40156	6
1677.1	1679.468	1318.468	108.4319	110.2965	109.1989	110.8627	7.606562	35.16588	57.22756	43.84386	13.3837	-9999	6
1677.105	1679.474	1318.474	125.4006	83.06007	126.8166	129.4363	0	97.67776	2.322239	2.322239	0	-9999	6
1677.11	1679.48	1318.48	123.312	99.69994	125.1174	128.6929	0	98.10078	1.899221	1.899221	0	-9999	6
1677.115	1679.486	1318.486	120.4799	72.89514	120.8811	121.6363	8.408506	55.0206	36.5709	18.79746	17.77343	24.56144	6
1677.12	1679.492	1318.492	117.341	114.6967	118.3205	118.6391	0	59.10691	40.89309	40.89309	0	-9999	6
1677.125	1679.498	1318.498	112.7625	104.9774	113.978	113.919	1.4344	49.51906	49.04654	49.04654	0	-9999	6
1677.13	1679.503	1318.503	114.2966	134.1633	115.5002	114.3556	0	55.33508	44.66492	44.66492	0	-9999	6
1677.135	1679.509	1318.509	114.509	176.3408	118.6981	121.9431	0	100	0	0	0	-9999	6
1677.14	1679.515	1318.515	120.9991	121.7147	124.138	126.734	0	100	0	0	0	-9999	6
1677.145	1679.521	1318.521	111.8185	243.137	114.6742	102.9919	0	78.86307	21.13693	21.13693	0	-9999	6
1677.15	1679.527	1318.527	98.60225	66.33666	96.52541	94.62557	49.32799	0.831003	49.84101	27.59143	22.24958	31.62261	9
1677.155	1679.533	1318.533	99.73507	30.55051	99.47547	98.68485	42.86245	10.19638	46.94117	15.92942	31.01175	30.3129	9
1677.16	1679.539	1318.539	102.4963	64.70749	101.5995	98.66125	36.99451	10.11268	52.89281	21.35173	31.54108	30.09806	9
1677.165	1679.544	1318.544	95.79379	84.27151	94.89697	91.4867	38.42635	7.519347	54.0543	21.30334	32.75097	30.06127	9
1677.17	1679.55	1318.55	97.76443	111.1181	97.76443	94.36596	23.16614	15.69199	61.14187	38.41062	22.73125	29.18272	9
1677.175	1679.556	1318.556	98.85005	162.8339	98.64945	94.17716	11.20682	18.80225	69.99093	53.18993	16.801	29.73777	9
1677.18	1679.562	1318.562	97.65823	138.9533	98.62585	99.87668	9.028673	23.49252	67.4788	63.49168	3.987123	28.78531	6
1677.185	1679.568	1318.568	96.51361	136.057	96.43101	92.79653	18.92185	15.92203	65.15611	52.43735	12.71876	29.21299	6
1677.19	1679.574	1318.574	101.3399	189.1096	99.18046	97.97684	17.73845	9.215554	73.04599	48.30356	24.74243	29.12594	6
1677.195	1679.58	1318.58	106.3432	246.632	107.3698	111.1459	0	43.3662	56.6338	56.6338	0	-9999	6
1677.2	1679.585	1318.585	104.4552	211.2218	106.3078	107.3226	0	45.40475	54.59525	54.59525	0	-9999	6
1677.205	1679.591	1318.591	108.184	204.1621	111.6533	111.9247	0	71.89744	28.10256	28.10256	0	-9999	6
1677.21	1679.597	1318.597	112.4203	205.4988	116.1728	119.6067	0	91.88613	8.113873	8.113873	0	-9999	6
1677.215	1679.603	1318.603	114.0016	158.4338	116.2554	118.7807	0	71.88927	28.11073	28.11073	0	-9999	6
1677.22	1679.609	1318.609	112.0427	145.3308	113.1755	114.2848	0	49.37044	50.62956	50.62956	0	-9999	6
1677.225	1679.615	1318.615	119.1701	118.9437	120.2675	124.7162	0	67.2866	32.7134	32.7134	0	-9999	6
1677.23	1679.621	1318.621	122.7337	114.0562	123.5126	123.9374	0	72.9862	27.0138	27.0138	0	-9999	6
1677.235	1679.626	1318.626	121.7189	159.0604	123.7722	127.6308	0	100	0	0	0	-9999	6
1677.24	1679.632	1318.632	105.824	78.13078	105.5054	105.8358	26.20347	18.61972	55.1768	31.05843	24.11837	28.44447	6
1677.245	1679.638	1318.638	92.21832	37.27608	92.17112	91.84071	46.50414	6.568791	46.92707	30.07241	16.85466	30.59219	3

1677.25	1679.644	1318.644	90.24768	22.15399	90.43648	90.87309	50.14764	5.407889	44.44447	33.27103	11.17345	31.07232	3
1677.255	1679.65	1318.65	84.60716	52.10575	85.36238	87.94663	43.6989	6.332099	49.969	31.19648	18.77252	29.36107	3
1677.26	1679.656	1318.656	83.79295	71.85079	84.99657	85.96419	36.19451	8.660054	55.14544	30.94316	24.20228	28.84385	3
1677.265	1679.662	1318.662	82.27071	36.95582	81.6453	80.57148	60.21459	0.22776	39.55765	11.36164	28.19602	32.57692	3
1677.27	1679.667	1318.667	92.60773	42.98515	91.98231	90.51908	49.24543	4.514648	46.23992	19.63181	26.6081	31.19293	3
1677.275	1679.673	1318.673	100.9505	67.7152	99.98288	96.44281	38.23752	8.810599	52.95188	19.91743	33.03445	30.32358	3
1677.28	1679.679	1318.679	91.1209	68.62029	91.06189	88.37144	40.01992	7.98957	51.99051	28.63452	23.35599	29.98217	3
1677.285	1679.685	1318.685	91.2271	52.66273	90.80229	88.60744	46.61896	5.385128	47.99592	33.69021	14.30571	30.7944	3
1677.29	1679.691	1318.691	87.47462	61.39344	86.6132	86.82561	51.34212	2.75303	45.90485	18.86529	27.03956	30.73987	3
1677.295	1679.697	1318.697	94.12996	73.24325	92.32452	88.53664	49.66771	1.675995	48.6563	24.63916	24.01714	31.57865	3
1677.3	1679.703	1318.703	98.14204	57.29962	97.54023	96.2422	40.50686	8.687545	50.80559	26.28257	24.52302	30.06607	3
1677.305	1679.708	1318.708	101.1511	89.40968	101.7411	97.97684	20.73125	21.53504	57.73371	44.9016	12.83211	29.07058	3
1677.31	1679.714	1318.714	92.24192	68.94056	91.2979	90.70789	45.76997	4.676484	49.55355	15.99461	33.55893	30.29735	3
1677.315	1679.72	1318.72	93.19774	102.5962	91.72271	90.89669	40.86127	4.917566	54.22116	29.96976	24.2514	29.5589	3
1677.32	1679.726	1318.726	91.86431	54.54255	91.4749	91.79351	45.30345	5.987584	48.70897	27.83066	20.87831	30.16409	3
1677.325	1679.732	1318.732	90.46008	44.22444	89.78747	89.92907	51.28717	3.42632	45.28651	23.48484	21.80167	31.11049	3
1677.33	1679.738	1318.738	102.2131	35.68868	101.9535	100.7735	39.33921	12.6714	47.9894	31.01577	16.97363	29.88173	3
1677.335	1679.744	1318.744	103.6764	67.6595	102.6733	100.5847	36.01757	10.31818	53.66426	19.76916	33.89509	29.88242	3
1677.34	1679.75	1318.75	99.20406	59.41615	98.76745	97.90604	37.73727	10.58333	51.6794	27.24765	24.43175	29.6678	3
1677.345	1679.755	1318.755	95.61679	31.81765	95.26278	96.69061	47.07624	6.770722	46.15304	33.81562	12.33742	30.4858	3
1677.35	1679.761	1318.761	94.84977	20.95648	94.80257	94.15356	48.03255	7.162073	44.80538	18.85801	25.94737	31.04366	3
1677.355	1679.767	1318.767	91.72271	45.24094	91.91151	89.18566	43.20357	7.878031	48.9184	28.93956	19.97884	30.52862	3
1677.36	1679.773	1318.773	90.97929	33.53037	90.69609	89.74027	50.37955	4.576299	45.04416	20.94519	24.09897	31.28762	3
1677.365	1679.779	1318.779	91.00289	59.48577	90.43648	91.61651	46.27147	5.135994	48.59254	15.21643	33.37611	30.05221	3
1677.37	1679.785	1318.785	91.1445	63.39858	90.03527	89.23286	49.40108	3.187408	47.41151	33.67262	13.73889	30.83848	3
1677.375	1679.791	1318.791	88.05283	42.13576	87.63982	86.5896	51.99536	3.275174	44.72947	29.88058	14.84889	31.34724	3
1677.38	1679.796	1318.796	80.98449	46.59162	79.82806	78.51824	63.18138	0	36.81862	19.8441	16.97451	31.83724	3
1677.385	1679.802	1318.802	93.91755	155.1754	92.18292	84.73696	29.48682	7.482124	63.03105	38.19393	24.83712	29.7154	3
1677.39	1679.808	1318.808	109.5175	194.9301	109.5293	104.0068	0	34.428	65.572	65.572	0	-9999	3
1677.395	1679.814	1318.814	107.299	207.4761	108.1014	101.9535	0	40.11973	59.88027	59.88027	0	-9999	3
1677.4	1679.82	1318.82	104.5968	161.72	105.765	106.9332	0	36.01389	63.98611	63.98611	0	-9999	3
1677.405	1679.826	1318.826	106.8506	181.2283	109.1635	110.6739	0	53.26175	46.73825	46.73825	0	-9999	3
1677.41	1679.832	1318.832	106.709	140.3875	108.2076	107.9952	0	41.62569	58.37431	58.37431	0	-9999	3
1677.415	1679.837	1318.837	105.883	124.4021	106.6264	107.6294	6.720857	31.61973	61.65941	54.58795	7.071459	-9999	3
1677.42	1679.843	1318.843	106.5674	164.9366	107.9952	110.0839	0	42.27886	57.72114	57.72114	0	-9999	3
1677.425	1679.849	1318.849	98.66125	155.3704	97.84703	95.01498	17.9422	14.3383	67.7195	45.15174	22.56777	29.14725	3
1677.43	1679.855	1318.855	96.87941	134.6785	95.05038	88.94965	32.45379	6.394642	61.15157	27.90881	33.24276	29.96599	3
1677.435	1679.861	1318.861	98.20104	145.7485	95.75839	92.59593	33.31444	4.070566	62.61499	32.33507	30.27992	29.58714	3
1677.44	1679.867	1318.867	98.79105	131.8935	98.44885	95.59319	19.8461	15.77139	64.38251	50.27444	14.10807	29.10255	3
1677.445	1679.873	1318.873	100.8561	140.5686	101.3517	102.2957	9.353822	23.95451	66.69167	60.22979	6.461878	28.72875	3
1677.45	1679.878	1318.878	104.1248	122.7869	105.1868	106.65	6.260124	31.67377	62.06611	52.72771	9.338398	-9999	3
1677.455	1679.884	1318.884	108.5971	125.9895	109.1871	110.5087	5.028649	34.60416	60.36719	60.36719	0	-9999	3
1677.46	1679.89	1318.89	112.2669	137.2127	113.0457	114.5444	0	44.68741	55.31259	55.31259	0	-9999	3
1677.465	1679.896	1318.896	111.1105	153.5184	112.4203	116.3262	0	49.99097	50.00903	50.00903	0	-9999	3
1677.47	1679.902	1318.902	113.211	146.0966	115.2406	116.9516	0	65.08366	34.91634	34.91634	0	-9999	3
1677.475	1679.908	1318.908	112.8569	164.6441	115.2288	120.9991	0	70.17582	29.82418	29.82418	0	-9999	3
1677.48	1679.914	1318.914	100.4313	185.4057	101.1039	106.5202	0	27.77743	72.22257	72.22257	0	-9999	3
1677.485	1679.919	1318.919	103.2397	170.0051	103.3931	100.1245	2.689325	25.99917	71.31151	71.31151	0	-9999	3
1677.49	1679.925	1318.925	120.7513	116.3955	122.4505	124.7398	0	85.05694	14.94306	14.94306	0	-9999	3
1677.495	1679.931	1318.931	128.5395	78.96625	130.7107	133.0826	0	100	0	0	0	-9999	3
1677.5	1679.937	1318.937	122.8517	111.0067	124.5982	125.1764	0	95.22653	4.773469	4.773469	0	-9999	3
1677.505	1679.943	1318.943	99.10966	46.61947	98.57865	97.31602	41.65254	9.050549	49.29692	35.03296	14.26395	30.23898	3
1677.51	1679.949	1318.949	92.53693	7.742062	92.58413	92.71393	52.62664	5.211586	42.16177	32.23797	9.923801	31.72897	3
1677.515	1679.955	1318.955	91.4631	15.49805	91.5457	92.02951	51.46325	5.229676	43.30707	19.99923	23.30784	31.36939	3
1677.52	1679.96	1318.96	92.01771	20.49697	92.07672	92.63133	49.92618	5.801443	44.27238	33.03688	11.2355	31.07104	3
1677.525	1679.966	1318.966	90.69609	23.14264	90.67249	90.36568	51.14198	4.832266	44.02575	21.15146	22.87429	31.37404	3
1677.53	1679.972	1318.972	96.0062	116.8689	92.53693	89.78747	50.27887	0	49.72113	13.81359	35.90754	27.17996	3
1677.535	1679.978	1318.978	109.1399	317.7587	109.1045	98.69665	0	41.66397	58.33603	58.33603	0	-9999	3
1677.54	1679.984	1318.984	116.3616	368.11	122.9343	118.5801	0	100	0	0	0	-9999	3
1677.545	1679.99	1318.99	110.1193	146.584	109.7653	106.8506	5.960491	27.96084	66.07867	66.07867	0	-9999	3
1677.55	1679.996	1318.996	103.6056	32.23539	104.1484	105.2458	32.67514	20.34805	46.97681	19.60993	27.36687	28.43576	3
1677.555	1680.001	1319.001	108.8095	65.36194	108.4083	108.0542	27.18707	20.33577	52.47716	20.63103	31.84613	28.42271	3
1677.56	1680.007	1319.007	115.9014	88.04507	115.7834	114.5798	12.97832	36.26646	50.75522	36.15197	14.60325	27.17443	3
1677.565	1680.013	1319.013	119.1347	109.1826	119.8663	117.1994	0	59.7182	40.2818	40.2818	0	-9999	3
1677.57	1680.019	1319.019	121.6599	96.24664	122.8635	123.9964	0	76.93446	23.06554	23.06554	0	-9999	3
1677.575	1680.025	1319.025	119.0521	80.17769	119.6303	121.4829	6.587953	54.71233	38.69972	31.2701	7.42962	-9999	3
1677.58	1680.031	1319.031	119.5123	78.53459	119.8663	118.6273	8.299776	51.78799	39.91223	22.98002	16.93221	25.46147	3
1677.585	1680.037	1319.037	118.3441	78.1447	118.2143	119.9961	13.21842	40.37664	46.40494	25.54586	20.85908	25.93517	3
1677.59	1680.042	1319.042	113.3762	187.6615	115.3468	113.7066	0	67.54664	32.45336	32.45336	0	-9999	3
1677.595	1680.048	1319.048	114.9574	225.8844	117.341	122.6275	0	81.92695	18.07305	18.07305	0	-9999	3
1677.6	1680.054	1319.054	96.60801	32.90376	96.313	95.54599	45.44422	7.819175	46.73661	25.58337	21.15324	30.65145	3
1677.605	1680.06	1319.06	98.31904	25.81616	97.83523	97.08002	47.0485	7.395636	45.55587	22.51807	23.03779	30.97436	3
1677.61	1680.066	1319.066	97.89424	44.99029	96.86761	96.136	47.00597	5.197998	47.79604	22.44362	25.35241	30.94596	3

1677.615	1680.072	1319.072	99.19226	62.40993	98.26004	98.04764	40.86461	7.643277	51.49211	18.13413	33.35798	29.96275	3
1677.62	1680.078	1319.078	94.54297	38.90526	94.31876	95.47519	45.34298	7.252692	47.40432	21.83661	25.56771	30.20393	3
1677.625	1680.084	1319.084	91.88791	21.79196	92.23012	92.35992	47.53736	7.10748	45.35516	22.66548	22.68968	30.7572	3
1677.63	1680.089	1319.089	90.84949	32.95946	90.63709	90.94389	50.08841	4.772518	45.13907	24.00951	21.12956	31.00465	6
1677.635	1680.095	1319.095	90.64889	34.78358	90.38928	88.99685	50.19734	4.591286	45.21137	23.1916	22.01978	31.31163	6
1677.64	1680.101	1319.101	96.64341	78.47889	94.21256	92.77293	50.93526	0	49.06474	14.62687	34.43787	30.78481	6
1677.645	1680.107	1319.107	106.4494	94.92381	104.6912	99.71147	32.72131	7.57465	59.70404	27.03127	32.67277	30.4736	6
1677.65	1680.113	1319.113	116.7864	114.7663	116.574	118.1553	6.429173	38.32771	55.24311	55.24311	0	-9999	6
1677.655	1680.119	1319.119	118.2615	92.62626	117.5298	119.4297	14.45393	31.1776	54.36848	29.68975	24.67873	26.96431	6
1677.66	1680.125	1319.125	106.178	51.06141	105.1042	103.3459	38.2815	10.4064	51.3121	21.66004	29.65206	30.09573	6
1677.665	1680.13	1319.13	100.7263	13.78533	100.6555	100.3369	44.54447	11.20726	44.24826	31.85713	12.39113	30.44339	6
1677.67	1680.136	1319.136	107.1456	79.03587	105.2576	102.9565	36.93164	5.673113	57.39524	28.70919	28.68605	30.45971	6
1677.675	1680.142	1319.142	111.1577	120.1412	110.4497	108.2784	14.14785	23.4625	62.38965	40.01476	22.37489	28.84059	6
1677.68	1680.148	1319.148	102.4491	55.97678	102.2249	102.4845	33.93801	14.52692	51.53508	34.54033	16.99475	29.02865	6
1677.685	1680.154	1319.154	105.3402	27.09722	105.9302	106.8978	31.95691	22.80454	45.23855	26.86502	18.37353	28.1927	6
1677.69	1680.16	1319.16	105.8004	29.82643	105.6116	104.5142	36.90887	16.50085	46.59028	19.19623	27.39405	29.39058	6
1677.695	1680.166	1319.166	104.5968	24.75789	104.7266	104.7974	36.77359	17.57254	45.65387	19.84895	25.80491	29.09485	6
1677.7	1680.171	1319.171	105.234	23.00339	105.0216	104.0658	39.26405	15.20559	45.53036	28.12502	17.40534	29.68473	6
1677.705	1680.177	1319.177	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1678	1680.523	1319.523	112.2787	51.01963	111.3465	111.3465	31.58151	17.43449	50.984	24.22599	26.758	28.73199	7
1678.005	1680.529	1319.529	104.7148	40.14454	104.4434	103.5702	36.05082	15.30508	48.6441	25.04297	23.60113	29.36192	7
1678.01	1680.535	1319.535	102.1069	42.91553	102.6261	103.0391	31.65219	18.99608	49.35173	18.96117	30.39056	28.61346	7
1678.015	1680.541	1319.541	97.49303	91.16418	96.46641	92.99713	36.201	8.112929	55.68607	19.94478	35.74129	29.91846	7
1678.02	1680.546	1319.546	95.03858	79.39791	94.10636	92.21832	40.57491	6.64631	52.77878	18.03791	34.74087	29.98188	7
1678.025	1680.552	1319.552	95.15658	88.6856	94.48397	93.20954	36.20679	8.661719	55.13149	20.78835	34.34315	29.40077	7
1678.03	1680.558	1319.558	98.92086	91.24772	98.55505	96.92662	29.74587	12.97496	57.27917	38.20197	19.0772	29.11049	7
1678.035	1680.564	1319.564	103.9832	57.34139	104.7502	105.824	24.5145	24.4675	51.018	36.08147	14.93653	27.88993	7
1678.04	1680.57	1319.57	104.4316	53.79062	104.6322	104.2192	29.35094	19.94258	50.70648	21.43339	29.27309	28.5632	7
1678.045	1680.576	1319.576	101.6821	69.70641	103.1571	102.0833	18.15202	27.74326	54.10472	31.16476	22.93995	28.28472	7
1678.05	1680.582	1319.582	96.82041	71.85079	96.46641	94.64917	36.28088	10.25595	53.46316	27.68892	25.77425	29.61591	7
1678.055	1680.587	1319.587	98.03584	55.58689	97.05642	92.70213	43.94551	6.262673	49.79182	35.11958	14.67223	31.11162	7
1678.06	1680.593	1319.593	100.4667	60.65544	98.77925	95.54599	45.96965	3.344359	50.68599	23.9949	26.69109	31.41612	7
1678.065	1680.599	1319.599	100.9151	72.81159	100.7027	99.28666	31.18384	14.36223	54.45393	26.45646	27.99747	29.14798	7
1678.07	1680.605	1319.605	103.7354	89.36791	103.8062	103.4757	22.38773	20.43922	57.17305	41.84498	15.32807	28.43402	7
1678.075	1680.611	1319.611	102.1069	116.7854	102.9565	103.7826	11.21503	26.57022	62.21475	48.71619	13.49856	28.41302	7
1678.08	1680.617	1319.617	102.7323	140.1508	102.9447	103.0155	9.92362	23.88475	66.19163	46.78004	19.41159	28.81056	7
1678.085	1680.623	1319.623	98.77925	143.6598	98.15384	99.40467	19.20436	14.7852	66.01044	36.96269	29.04775	28.36029	7
1678.09	1680.628	1319.628	96.3366	174.4053	95.87639	95.93539	12.73087	16.26773	71.00139	45.84827	25.15312	28.72781	7
1678.095	1680.634	1319.634	98.68485	142.4623	98.24824	95.23918	18.11778	15.8155	66.06672	41.93802	24.1287	29.15483	7
1678.1	1680.64	1319.64	102.7913	150.455	102.8031	103.0627	8.930408	23.06647	68.00312	49.46087	18.54225	28.91866	7
1678.105	1680.646	1319.646	105.5998	145.7485	105.293	107.063	9.954802	23.05067	66.99453	59.3044	7.690123	28.53714	7
1678.11	1680.652	1319.652	106.7798	125.5718	106.8152	108.3374	11.09984	26.22776	62.6724	55.5903	7.082099	28.21293	7
1678.115	1680.658	1319.658	107.6884	100.3126	108.0542	107.9834	13.81598	29.05891	57.12512	41.21224	15.91288	28.00949	7
1678.12	1680.664	1319.664	108.066	105.4229	107.889	107.8064	16.43867	24.42018	59.14115	46.55323	12.58792	28.24046	7
1678.125	1680.669	1319.669	108.7977	135.0684	107.6884	107.5704	15.81609	17.81595	66.36796	40.41014	25.95782	28.8684	7
1678.13	1680.675	1319.675	108.0424	119.5842	108.7033	109.8597	6.540263	33.98314	59.4766	59.4766	0	-9999	7
1678.135	1680.681	1319.681	110.0367	88.51851	110.4497	112.0663	14.14396	32.5777	53.27834	43.41654	9.861804	27.24811	7
1678.14	1680.687	1319.687	110.6975	100.8835	110.9453	110.1665	11.824	32.62141	55.55459	36.42593	19.12866	27.85642	7
1678.145	1680.693	1319.693	111.1577	99.90881	111.0869	115.3232	14.10569	29.53418	56.36014	33.9141	22.44604	27.03578	7
1678.15	1680.699	1319.699	110.7211	72.35208	110.4261	111.0633	22.91368	24.4224	52.66392	23.31517	29.34875	27.81426	7
1678.155	1680.705	1319.705	109.7417	84.55	109.2933	106.9568	22.05173	22.26015	55.68813	26.41988	29.26825	28.6095	7
1678.16	1680.71	1319.71	107.653	86.66654	108.4319	109.0573	13.95008	32.32909	53.72083	32.85291	20.86792	27.5752	7
1678.165	1680.716	1319.716	107.7474	105.0609	108.3374	109.2697	10.87503	31.77322	57.35175	40.00713	17.34462	27.83125	7
1678.17	1680.722	1319.722	108.2076	151.8614	108.3138	108.2902	2.875442	30.63758	66.48698	66.48698	0	-9999	7
1678.175	1680.728	1319.728	107.9952	161.2048	108.5027	109.1989	0	35.10779	64.89221	64.89221	0	-9999	7
1678.18	1680.734	1319.734	107.3816	193.3427	108.3965	107.476	0	41.49705	58.50295	58.50295	0	-9999	7
1678.185	1680.74	1319.74	109.3287	201.7949	110.6031	111.1341	0	48.77972	51.22028	51.22028	0	-9999	7
1678.19	1680.746	1319.746	110.9689	181.6739	112.0427	110.4733	0	48.60236	51.39764	51.39764	0	-9999	7
1678.195	1680.751	1319.751	111.8657	220.5792	112.9395	111.8893	0	53.26193	46.73807	46.73807	0	-9999	7
1678.2	1680.757	1319.757	116.8336	174.9901	117.341	117.5062	0	53.94623	46.05377	46.05377	0	-9999	7
1678.205	1680.763	1319.763	118.1317	168.362	119.0521	120.9047	0	64.07955	35.92045	35.92045	0	-9999	7
1678.21	1680.769	1319.769	114.2966	171.4811	115.4176	118.8043	0	56.63516	43.36484	43.36484	0	-9999	7
1678.215	1680.775	1319.775	116.0902	172.4558	117.223	115.748	0	61.86952	38.13048	38.13048	0	-9999	7
1678.22	1680.781	1319.781	116.5622	175.7281	117.4354	117.6596	0	59.22473	40.77527	40.77527	0	-9999	7
1678.225	1680.787	1319.787	114.745	229.6858	116.4442	118.8043	0	70.60173	29.39827	29.39827	0	-9999	7
1678.23	1680.793	1319.793	116.7038	194.6655	118.0726	119.0757	0	69.12823	30.87177	30.87177	0	-9999	7
1678.235	1680.798	1319.798	117.3174	212.9903	118.8515	122.3679	0	75.23529	24.76471	24.76471	0	-9999	7
1678.24	1680.804	1319.804	118.4857	210.456	120.0669	123.8076	0	80.08206	19.91794	19.91794	0	-9999	7
1678.245	1680.81	1319.81	119.8663	254.8058	120.9755	123.7958	0	79.06917	20.93083	20.93083	0	-9999	7
1678.25	1680.816	1319.816	121.1053	325.9464	122.2027	127.2886	0	88.09256	11.90744	11.90744	0	-9999	7
1678.255	1680.822	1319.822	120.8575	342.5863	121.9431	122.8871	0	88.06253	11.93747	11.93747	0	-9999	7
1678.26	1680.828	1319.828	115.0164	290.3552	114.8394	113.8718	0	47.4182	52.5818	52.5818	0	-9999	7
1678.265	1680.834	1319.834	114.9102	226.1211	114.0842	111.7831	0	33.80534	66.19466	66.19466	0	-9999	7

1678.27	1680.839	1319.839	112.4439	165.4518	112.1135	109.1399	0	32.74172	67.25828	67.25828	0	-9999	7
1678.275	1680.845	1319.845	115.4294	198.4391	116.2082	119.4415	0	56.25944	43.74056	43.74056	0	-9999	7
1678.28	1680.851	1319.851	118.1317	228.5579	120.2085	123.902	0	89.16742	10.83258	10.83258	0	-9999	7
1678.285	1680.857	1319.857	118.5565	204.1482	120.2675	124.846	0	82.34635	17.65365	17.65365	0	-9999	7
1678.29	1680.863	1319.863	117.4826	338.2279	121.1525	127.265	0	100	0	0	0	-9999	7
1678.295	1680.869	1319.869	122.0375	202.9228	124.5156	128.1383	0	100	0	0	0	-9999	7
1678.3	1680.875	1319.875	123.4536	151.4715	124.7398	127.5364	0	89.95628	10.04372	10.04372	0	-9999	7
1678.305	1680.88	1319.88	123.3238	156.7628	124.8578	127.6308	0	95.56007	4.439931	4.439931	0	-9999	7
1678.31	1680.886	1319.886	124.1262	136.8785	125.672	126.793	0	98.31417	1.685826	1.685826	0	-9999	7
1678.315	1680.892	1319.892	124.3386	135.5139	125.4478	127.3358	0	88.52557	11.47443	11.47443	0	-9999	7
1678.32	1680.898	1319.898	122.958	177.3294	124.1616	127.3122	0	87.6671	12.3329	12.3329	0	-9999	7
1678.325	1680.904	1319.904	122.6865	172.3166	124.138	128.6575	0	91.80924	8.190758	8.190758	0	-9999	7
1678.33	1680.91	1319.91	121.7543	200.486	122.6039	125.7192	0	76.80844	23.19156	23.19156	0	-9999	7
1678.335	1680.916	1319.916	119.7483	228.6972	120.7159	122.9343	0	74.1685	25.8315	25.8315	0	-9999	7
1678.34	1680.921	1319.921	119.1583	230.2846	120.5271	122.4033	0	79.88752	20.11248	20.11248	0	-9999	7
1678.345	1680.927	1319.927	118.9577	196.3782	119.7129	121.8133	0	65.50271	34.49729	34.49729	0	-9999	7
1678.35	1680.933	1319.933	117.7422	179.8219	119.3235	121.7779	0	75.31863	24.68137	24.68137	0	-9999	7
1678.355	1680.939	1319.939	117.6006	190.8363	119.3707	124.4212	0	78.93182	21.06818	21.06818	0	-9999	7
1678.36	1680.945	1319.945	117.518	198.5226	119.0757	124.7398	0	75.3699	24.6301	24.6301	0	-9999	7
1678.365	1680.951	1319.951	117.2348	207.2533	118.9577	128.8345	0	77.86724	22.13276	22.13276	0	-9999	7
1678.37	1680.957	1319.957	117.459	190.6413	118.9577	118.4739	0	73.59321	26.40679	26.40679	0	-9999	7
1678.375	1680.962	1319.962	115.1816	178.9308	116.6094	116.0194	0	64.29743	35.70257	35.70257	0	-9999	7
1678.38	1680.968	1319.968	114.2376	201.4189	115.8188	120.5153	0	65.33492	34.66508	34.66508	0	-9999	7
1678.385	1680.974	1319.974	111.6769	270.1228	114.7214	121.9903	0	82.86007	17.13993	17.13993	0	-9999	7
1678.39	1680.98	1319.98	103.8888	282.5992	106.0836	109.8597	0	52.26265	47.73735	47.73735	0	-9999	7
1678.395	1680.986	1319.986	102.0715	298.2643	103.7354	104.6086	0	45.32415	54.67585	54.67585	0	-9999	7
1678.4	1680.992	1319.992	104.9508	219.9247	105.9066	107.0394	0	38.57935	61.42065	61.42065	0	-9999	7
1678.405	1680.998	1319.998	106.2606	225.5781	107.3226	111.1577	0	42.14943	57.85057	57.85057	0	-9999	7
1678.41	1681.003	1320.003	106.7798	197.5479	107.299	111.3937	0	35.77659	64.22341	64.22341	0	-9999	7
1678.415	1681.009	1320.009	107.0748	240.6723	107.2754	110.0957	0	35.99219	64.00781	64.00781	0	-9999	7
1678.42	1681.015	1320.015	107.8536	237.8178	108.1604	108.3729	0	37.9864	62.0136	62.0136	0	-9999	7
1678.425	1681.021	1320.021	107.3462	238.3191	108.4319	108.0542	0	45.20243	54.79757	54.79757	0	-9999	7
1678.43	1681.027	1320.027	107.122	257.2426	108.8213	110.4379	0	52.46462	47.53538	47.53538	0	-9999	7
1678.435	1681.033	1320.033	106.001	246.6877	108.066	113.6712	0	53.09871	46.90129	46.90129	0	-9999	7
1678.44	1681.039	1320.039	107.4996	286.4285	109.0573	112.9159	0	53.73361	46.26639	46.26639	0	-9999	7
1678.445	1681.044	1320.044	107.8064	292.0818	106.9804	107.0158	0	30.3227	69.6773	69.6773	0	-9999	7
1678.45	1681.05	1320.05	104.4434	189.221	105.8358	107.7592	0	39.65071	60.34929	60.34929	0	-9999	7
1678.455	1681.056	1320.056	107.0158	190.0426	109.0337	111.5943	0	51.08294	48.91706	48.91706	0	-9999	7
1678.46	1681.062	1320.062	108.3611	196.2947	110.3317	113.8954	0	54.18352	45.81648	45.81648	0	-9999	7
1678.465	1681.068	1320.068	108.5735	246.2282	110.7329	115.5002	0	60.26581	39.73419	39.73419	0	-9999	7
1678.47	1681.074	1320.074	107.8536	290.5223	110.4025	116.5504	0	65.84928	34.15072	34.15072	0	-9999	7
1678.475	1681.08	1320.08	107.535	279.313	110.0957	113.801	0	64.36859	35.63141	35.63141	0	-9999	7
1678.48	1681.085	1320.085	107.6766	285.6208	109.8125	113.2228	0	60.39739	39.60261	39.60261	0	-9999	7
1678.485	1681.091	1320.091	108.7269	267.2543	110.6975	115.4412	0	59.87655	40.12345	40.12345	0	-9999	7
1678.49	1681.097	1320.097	101.7175	205.471	102.9683	104.4552	0	35.18071	64.81929	64.81929	0	-9999	7
1678.495	1681.103	1320.103	98.42525	250.6702	99.33386	102.0361	0	31.5086	68.4914	68.4914	0	-9999	7
1678.5	1681.109	1320.109	100.4785	217.836	100.5847	100.9623	0	25.9917	74.0083	74.0083	0	-9999	7
1678.505	1681.115	1320.115	103.523	204.4963	103.4403	101.0803	0	26.72776	73.27224	73.27224	0	-9999	7
1678.51	1681.121	1320.121	102.6497	187.3412	101.9063	99.32206	5.987144	19.6414	74.37145	62.80697	11.56448	-9999	7
1678.515	1681.126	1320.126	102.6497	166.5797	101.5877	96.74961	13.48064	15.87146	70.6479	55.75176	14.89614	29.84393	7
1678.52	1681.132	1320.132	105.3284	218.3512	102.2957	98.46065	13.76002	5.351781	80.8882	62.00667	18.88153	30.37292	7
1678.525	1681.138	1320.138	105.883	235.9519	102.4255	98.41345	12.28269	3.198891	84.51842	65.6413	18.87712	30.69475	7
1678.53	1681.144	1320.144	104.9036	169.4063	102.1423	99.61707	23.89211	4.121148	71.98674	37.06133	34.92541	29.8285	7
1678.535	1681.15	1320.15	104.0304	137.5191	102.6261	100.3841	21.89522	12.1312	65.97357	36.81464	29.15893	29.28998	7
1678.54	1681.156	1320.156	103.0863	152.5715	100.9269	98.62585	24.97395	7.155346	67.87071	47.29573	20.57497	29.47968	7
1678.545	1681.162	1320.162	101.9417	134.1076	100.0301	97.64643	28.57479	7.319073	64.10613	32.29908	31.80705	29.48999	7
1678.55	1681.168	1320.168	100.8915	105.7711	100.0537	98.44885	28.07631	12.22706	59.69663	39.98313	19.71351	29.10606	6
1678.555	1681.173	1320.173	101.6703	86.68046	101.8827	102.2485	23.84051	19.11579	57.0437	24.88645	32.15726	28.38451	6
1678.56	1681.179	1320.179	105.352	73.10401	105.352	106.7916	25.385	20.5964	54.0186	24.74315	29.27545	28.07229	6
1678.565	1681.185	1320.185	107.7592	80.03844	107.3698	106.532	24.51011	20.21875	55.27114	28.83953	26.43161	28.50289	6
1678.57	1681.191	1320.191	108.5971	68.32788	108.6325	109.5411	23.28101	24.81323	51.90576	19.93855	31.96721	27.76572	6
1678.575	1681.197	1320.197	109.4703	62.99477	109.1045	109.4467	26.87762	21.3595	51.76287	27.21088	24.55199	28.17628	6
1678.58	1681.203	1320.203	110.0367	65.50119	109.5765	108.7505	26.48159	21.20941	52.30901	37.69913	14.60988	28.39456	6
1678.585	1681.209	1320.209	111.4999	71.55838	111.3701	109.1635	21.10892	27.44119	51.44989	33.00796	18.44193	28.0465	6
1678.59	1681.214	1320.214	109.6473	76.32058	108.9393	107.299	26.14204	18.80591	55.05205	24.72905	30.323	28.77492	6
1678.595	1681.22	1320.22	110.7329	66.47591	110.4497	109.3759	24.23341	24.17751	51.58908	30.75542	20.83366	28.1334	6
1678.6	1681.226	1320.226	110.5441	67.03289	110.3435	110.6267	23.63215	24.89679	51.47105	33.23751	18.23355	27.82101	6
1678.605	1681.232	1320.232	112.1135	65.76576	112.7035	115.3468	16.36765	37.09399	46.53836	31.55816	14.9802	26.31346	6
1678.61	1681.238	1320.238	113.1755	57.73128	113.4352	114.8866	19.89558	34.32592	45.7785	34.4869	11.29159	26.59459	6
1678.615	1681.244	1320.244	112.9867	43.45859	113.329	113.7538	22.88311	34.09493	43.02196	22.95138	20.07058	26.72863	6
1678.62	1681.25	1320.25	114.5326	63.77454	114.5798	115.7598	18.83078	34.41635	46.75287	24.85396	21.89891	26.60885	6
1678.625	1681.255	1320.255	115.9604	51.07533	116.5386	118.1553	16.47505	44.54092	38.98403	17.95839	21.02563	25.36413	6
1678.63	1681.261	1320.261	115.3468	76.97504	115.8778	117.3528	11.13766	44.09372	44.76862	31.41511	13.35351	25.94648	6

1678.635	1681.267	1320.267	111.6061	76.26488	111.8775	113.2582	16.76288	32.82217	50.41496	37.81515	12.5998	27.01007	6
1678.64	1681.273	1320.273	115.9722	80.08022	116.043	115.9368	13.37745	38.71981	47.90274	28.79938	19.10336	26.62629	6
1678.645	1681.279	1320.279	117.164	70.87607	117.3528	117.1522	13.59385	42.54391	43.86224	21.10879	22.75345	26.07384	6
1678.65	1681.285	1320.285	116.2082	66.19742	116.4796	117.4236	14.96528	41.37269	43.66204	20.71499	22.94705	25.96386	6
1678.655	1681.291	1320.291	119.0639	100.619	118.3559	118.0963	11.59856	33.46724	54.93419	49.16792	5.766269	27.28176	6
1678.66	1681.296	1320.296	118.9931	89.08941	119.4415	119.5123	5.491567	52.80007	41.70837	34.38272	7.325648	-9999	6
1678.665	1681.302	1320.302	117.4826	82.97653	118.1199	118.3323	6.897252	51.56975	41.533	34.49246	7.040535	-9999	6
1678.67	1681.308	1320.308	116.2082	73.14578	116.8926	118.0254	10.08296	48.32187	41.59517	32.57698	9.01819	25.54028	6
1678.675	1681.314	1320.314	115.7834	88.44888	117.4944	120.1377	0	64.62362	35.37638	35.37638	0	-9999	6
1678.68	1681.32	1320.32	117.7186	92.06927	118.7217	120.8929	1.644675	59.12075	39.23457	39.23457	0	-9999	6
1678.685	1681.326	1320.326	117.7304	82.19675	118.6155	119.9253	4.937488	56.44533	38.61718	38.38355	0.233626	-9999	6
1678.69	1681.332	1320.332	117.4826	87.52986	119.2763	121.3885	0	71.94426	28.05574	28.05574	0	-9999	6
1678.695	1681.337	1320.337	115.7008	99.21258	117.7422	120.8929	0	70.4957	29.5043	29.5043	0	-9999	6
1678.7	1681.343	1320.343	113.6948	93.28071	115.158	113.388	1.486856	54.71572	43.79743	43.79743	0	-9999	6
1678.705	1681.349	1320.349	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1679.005	1681.701	1320.701	97.74083	12.8663	97.77623	98.36624	46.69043	9.256484	44.05308	32.62292	11.43017	30.62458	-9999
1679.01	1681.707	1320.707	103.3931	61.83903	102.6733	103.0155	35.49182	11.92156	52.58662	37.15536	15.43125	29.27483	-9999
1679.015	1681.712	1320.712	105.6942	90.95531	104.3018	101.0567	31.54148	10.02891	58.42961	27.12015	31.30946	29.86896	-9999
1679.02	1681.718	1320.718	103.3813	65.75183	102.3075	101.6939	37.29934	9.445811	53.25485	36.22556	17.02929	29.74457	-9999
1679.025	1681.724	1320.724	106.8034	99.71386	105.4464	101.9771	28.12707	11.61451	60.25843	34.85091	25.40751	29.70852	-9999
1679.03	1681.73	1320.73	109.0219	127.1592	107.8536	100.9859	17.9811	16.87422	65.14468	46.31728	18.8274	30.0734	-9999
1679.035	1681.736	1320.736	111.1695	114.9891	109.4703	100.9387	23.06576	12.0136	64.92064	35.79043	29.13021	30.72023	-9999
1679.04	1681.742	1320.742	109.4467	69.59501	108.243	103.2279	31.79516	12.97388	55.23096	29.92237	25.30859	30.08215	-9999
1679.045	1681.748	1320.748	109.8951	82.97653	109.5293	106.3904	21.65121	23.24727	55.10152	24.09523	31.00629	28.66053	-9999
1679.05	1681.753	1320.753	108.8095	79.16119	107.8064	105.8004	28.5117	15.11813	56.37018	31.46423	24.90594	29.20789	-9999
1679.055	1681.759	1320.759	112.1371	50.21201	111.9247	111.7241	26.32867	25.96774	47.70359	22.23803	25.46556	27.73885	-9999
1679.06	1681.765	1320.765	114.509	144.0079	114.1078	114.981	2.911187	33.53278	63.55603	63.55603	0	-9999	-9999
1679.065	1681.771	1320.771	120.0787	94.45037	118.3323	117.872	20.20549	16.69799	63.09651	42.26889	20.82763	28.7656	-9999
1679.07	1681.777	1320.777	123.3828	83.19932	122.3797	120.3029	14.12704	34.45078	51.42219	32.44103	18.98116	26.92923	-9999
1679.075	1681.783	1320.783	133.2242	78.35357	133.5428	133.6136	0	100	0	0	0	-9999	-9999
1679.08	1681.789	1320.789	137.9679	55.69829	137.3188	136.009	4.620437	87.58435	7.795209	3.196771	4.598438	-9999	-9999
1679.085	1681.794	1320.794	132.1031	41.04964	132.3155	132.0087	6.884966	92.15829	0.956745	0	0.956745	-9999	-9999
1679.09	1681.8	1320.8	128.8463	102.2064	128.3743	126.321	0.385566	62.05414	37.5603	37.5603	0	-9999	-9999
1679.095	1681.806	1320.806	125.6012	72.15713	125.7074	124.0436	6.161798	64.60587	29.23233	24.69924	4.533087	-9999	-9999
1679.1	1681.812	1320.812	128.6693	67.64557	128.6811	129.0233	5.162593	72.82697	22.01044	14.0715	7.938937	-9999	-9999
1679.105	1681.818	1320.818	124.5392	55.57297	124.3504	124.9876	13.43852	53.143	33.41847	21.15673	12.26174	23.8032	-9999
1679.11	1681.824	1320.824	130.5927	101.4127	130.2505	130.6399	0	71.76317	28.23683	28.23683	0	-9999	-9999
1679.115	1681.83	1320.83	130.4393	102.833	131.0175	128.7637	0	100	0	0	0	-9999	-9999
1679.12	1681.835	1320.835	129.4717	64.41507	129.7077	128.0203	3.468565	82.43875	14.09269	10.61114	3.481552	-9999	-9999
1679.125	1681.841	1320.841	128.9289	39.23945	128.8817	127.5836	12.2553	70.20003	17.54467	10.06287	7.481806	21.18578	-9999
1679.13	1681.847	1320.847	127.1706	40.10277	127.3358	125.3652	12.01782	69.54594	18.43624	8.136283	10.29996	21.72802	-9999
1679.135	1681.853	1320.853	131.1945	48.58283	130.0145	127.9141	16.68918	44.28383	39.02699	20.54549	18.4815	24.34185	-9999
1679.14	1681.859	1320.859	131.2063	42.60919	130.0381	127.5246	18.0325	44.27037	37.69713	9.773671	27.92346	24.32654	-9999
1679.145	1681.865	1320.865	132.4689	25.85793	131.6901	130.2505	17.90677	59.17035	22.92287	0	22.92287	21.69356	-9999
1679.15	1681.871	1320.871	133.177	30.53659	132.3037	130.1679	16.85478	58.60214	24.54307	15.66306	8.88001	21.83267	-9999
1679.155	1681.877	1320.877	133.118	37.4014	132.7758	130.9939	11.13244	77.25569	11.61187	0	11.61187	19.51077	-9999
1679.16	1681.882	1320.882	133.6844	31.09357	133.1652	132.3627	13.50962	72.84778	13.6426	4.824993	8.817612	19.61732	-9999
1679.165	1681.888	1320.888	130.5573	21.06788	130.0381	129.3183	18.81273	60.77269	20.41458	4.83698	15.5776	21.63682	-9999
1679.17	1681.894	1320.894	131.5249	34.35192	130.8995	130.1797	15.53085	61.60743	22.86172	0	22.86172	21.55896	-9999
1679.175	1681.9	1320.9	121.2469	23.19834	121.3649	122.1319	21.92432	48.28297	29.79271	1.990161	27.80255	24.2818	-9999
1679.18	1681.906	1320.906	120.5743	39.51794	120.1377	119.2173	22.89202	37.08935	40.01863	16.37794	23.64069	26.1052	-9999
1679.185	1681.912	1320.912	124.0908	57.87052	122.2735	120.1849	25.91541	16.82755	57.25704	26.10668	31.15036	28.70947	-9999
1679.19	1681.918	1320.918	121.1525	72.97868	119.3589	116.5032	24.77953	15.41184	59.80863	30.77467	29.03396	29.20566	-9999
1679.195	1681.923	1320.923	120.8811	71.14064	120.3029	119.0875	16.05449	37.20809	46.73742	29.2555	17.48192	26.45503	-9999
1679.2	1681.929	1320.929	123.4064	76.48768	122.3207	118.1789	16.3697	32.31992	51.31038	34.55761	16.75276	27.41748	-9999
1679.205	1681.935	1320.935	123.8902	76.01424	122.2499	117.341	20.33741	21.49518	58.16741	34.12103	24.04638	28.75391	-9999
1679.21	1681.941	1320.941	118.8397	90.42617	116.0902	112.8805	30.09266	0	69.90734	38.3803	31.52704	30.84005	-9999
1679.215	1681.947	1320.947	115.9132	98.55812	113.919	112.6681	24.96415	10.12362	64.91222	38.1431	26.76913	29.63756	-9999
1679.22	1681.953	1320.953	114.0606	93.46173	111.6651	110.3789	31.01127	3.817983	65.17075	25.66768	39.50306	30.38975	-9999
1679.225	1681.959	1320.959	112.9277	58.24649	111.6533	110.4969	31.88763	14.43702	53.67535	22.74692	30.92843	29.25821	-9999
1679.23	1681.964	1320.964	112.1017	68.04939	111.0161	109.0101	28.81203	16.57054	54.61742	22.21463	32.40279	29.09154	-9999
1679.235	1681.97	1320.97	107.063	88.86662	106.65	104.6086	23.19711	19.80975	56.99313	37.87822	19.11492	28.76299	-9999
1679.24	1681.976	1320.976	105.6706	74.52431	105.116	103.8534	29.04641	16.12455	54.82904	36.00347	18.82557	28.96668	-9999
1679.245	1681.982	1320.982	106.7916	74.05088	106.7208	104.4316	24.38011	21.75019	53.8697	31.04818	22.82152	28.64376	-9999
1679.25	1681.988	1320.988	109.3877	87.71088	110.0013	110.9807	13.38181	33.66027	52.95792	33.5535	19.40442	27.33617	-9999
1679.255	1681.994	1320.994	111.8421	104.2115	111.9837	116.3262	10.78864	33.51691	55.69445	52.49198	3.202463	26.85871	-9999
1679.26	1682	1321	112.5973	99.36575	111.7005	110.3789	19.31428	21.48348	59.20224	42.53319	16.66905	28.54538	-9999
1679.265	1682.005	1321.005	113.9426	75.7636	112.7861	110.5087	25.80033	18.10159	56.09808	31.73908	24.35899	28.93297	-9999
1679.27	1682.011	1321.011	112.8215	54.48685	111.8893	112.9041	30.24306	18.27354	51.4834	25.96462	25.51878	28.3888	-9999
1679.275	1682.017	1321.017	114.922	64.83281	114.1904	113.3644	24.25225	24.23835	51.5094	36.65953	14.84987	27.96401	-9999
1679.28	1682.023	1321.023	116.8454	97.05427	117.8248	118.2143	1.42457	56.46303	42.1124	42.1124	0	-9999	-9999
1679.285	1682.029	1321.029	117.6596	93.14146	118.9459	121.6363	0	63.95364	36.04636	36.04636	0	-9999	-9999
1679.29	1682.035	1321.035	122.8281	72.35208	124.0436	126.616	0.069358	80.30707	19.62357	19.62357	0	-9999	-9999

1679.295	1682.041	1321.041	124.905	71.14064	125.7664	129.6959	1.195387	80.53009	18.27452	18.27452	0	-9999	-9999
1679.3	1682.046	1321.046	126.144	73.66099	126.8402	129.3183	0.725885	81.72691	17.5472	17.5472	0	-9999	10
1679.305	1682.052	1321.052	129.8021	44.12697	130.2977	131.9851	6.062371	90.49598	3.441645	0	3.441645	-9999	10
1679.31	1682.058	1321.058	128.9171	73.31287	128.1029	125.967	9.964757	50.74394	39.29131	22.81051	16.4808	24.41619	10
1679.315	1682.064	1321.064	125.3534	79.28652	125.8844	125.7782	1.372201	74.69896	23.92884	23.92884	0	-9999	10
1679.32	1682.07	1321.07	129.6487	55.08561	130.1089	132.4099	3.825867	89.41821	6.755919	5.617505	1.138414	-9999	10
1679.325	1682.076	1321.076	129.8375	43.73708	130.1325	128.5159	7.678837	84.44271	7.878452	0	7.878452	-9999	10
1679.33	1682.082	1321.082	132.0087	58.73385	132.2211	129.4835	2.692238	92.89338	4.414384	4.414384	0	-9999	10
1679.335	1682.087	1321.087	138.8057	50.39303	138.5815	137.307	1.660829	90.20111	8.138061	8.138061	0	-9999	10
1679.34	1682.093	1321.093	141.3073	46.61947	141.3309	142.1687	0	100	0	0	0	-9999	10
1679.345	1682.099	1321.099	142.0743	49.09804	142.5228	142.9358	0	100	0	0	0	-9999	10
1679.35	1682.105	1321.105	141.6495	47.16253	142.0507	142.2749	0	100	0	0	0	-9999	10
1679.355	1682.111	1321.111	141.1893	65.9607	141.0949	139.3131	0	100	0	0	0	-9999	10
1679.36	1682.117	1321.117	140.4223	78.52066	141.1067	140.7527	0	100	0	0	0	-9999	10
1679.365	1682.123	1321.123	136.2686	92.23637	137.2126	138.4871	0	100	0	0	0	-9999	10
1679.37	1682.128	1321.128	138.5343	96.59476	139.0889	141.6731	0	100	0	0	0	-9999	10
1679.375	1682.134	1321.134	140.9533	105.3533	140.8471	142.3929	0	100	0	0	0	-9999	10
1679.38	1682.14	1321.14	141.9799	79.7321	141.6731	141.5197	0	100	0	0	0	-9999	10
1679.385	1682.146	1321.146	140.1863	97.91759	139.4783	139.3603	0	98.30828	1.69172	1.69172	0	-9999	10
1679.39	1682.152	1321.152	138.7231	91.01101	138.6995	140.4459	0	100	0	0	0	-9999	10
1679.395	1682.158	1321.158	136.0208	92.12497	135.773	135.8202	0	97.70998	2.29002	2.29002	0	-9999	10
1679.4	1682.164	1321.164	135.478	75.15092	135.1358	136.2922	0	90.16559	9.83441	9.83441	0	-9999	10
1679.405	1682.169	1321.169	132.7994	59.02626	133.4366	134.3806	0	100	0	0	0	-9999	10
1679.41	1682.175	1321.175	133.2242	68.14686	133.885	135.8202	0	100	0	0	0	-9999	10
1679.415	1682.181	1321.181	133.6726	80.21946	134.6874	135.8202	0	100	0	0	0	-9999	10
1679.42	1682.187	1321.187	135.6668	52.57919	135.6904	134.9824	2.186878	95.93812	1.875	1.875	0	-9999	10
1679.425	1682.193	1321.193	132.5043	62.34031	132.4453	131.7727	3.466905	86.14129	10.39181	10.39181	0	-9999	10
1679.43	1682.199	1321.199	129.4599	53.53998	130.1089	130.6163	2.910378	94.20188	2.887738	2.887738	0	-9999	10
1679.435	1682.205	1321.205	125.8136	60.33517	126.616	127.1824	3.43164	82.16914	14.39922	14.39922	0	-9999	10
1679.44	1682.211	1321.211	125.3416	80.90177	126.6396	125.8372	0	94.18287	5.817135	5.817135	0	-9999	10
1679.445	1682.216	1321.216	124.9876	74.77495	125.8372	126.9936	0.331341	80.82928	18.83938	18.83938	0	-9999	10
1679.45	1682.222	1321.222	124.4448	96.69223	125.6838	127.4066	0	89.55362	10.44638	10.44638	0	-9999	10
1679.455	1682.228	1321.228	121.9667	85.02344	122.9225	123.6542	0	72.04569	27.95431	27.95431	0	-9999	10
1679.46	1682.234	1321.234	120.2439	82.37777	120.7867	121.7897	5.23341	57.69679	37.0698	27.59408	9.475716	-9999	10
1679.465	1682.24	1321.24	123.9492	83.72845	124.9994	126.5334	0	81.94033	18.05967	18.05967	0	-9999	10
1679.47	1682.246	1321.246	128.3861	62.21499	129.6015	130.1797	0	100	0	0	0	-9999	10
1679.475	1682.252	1321.252	126.2266	73.63314	128.2799	129.8375	0	100	0	0	0	-9999	10
1679.48	1682.257	1321.257	126.6396	60.04276	127.9967	128.8581	0	100	0	0	0	-9999	10
1679.485	1682.263	1321.263	127.4066	68.53675	128.2445	129.4953	0	90.85007	9.14993	9.14993	0	-9999	10
1679.49	1682.269	1321.269	125.6248	70.87607	126.4626	126.9936	0.780086	82.97648	16.24343	16.24343	0	-9999	10
1679.495	1682.275	1321.275	126.0968	82.80943	126.557	126.498	0.384424	76.04296	23.57261	23.57261	0	-9999	10
1679.5	1682.281	1321.281	128.4923	80.80429	128.4451	127.8905	2.598285	71.37421	26.02751	26.02751	0	-9999	10
1679.505	1682.287	1321.287	128.1383	112.1346	128.0675	127.4066	0	71.53756	28.46244	28.46244	0	-9999	10
1679.51	1682.293	1321.293	126.7222	97.36061	126.97	128.5159	0	73.91443	26.08557	26.08557	0	-9999	10
1679.515	1682.298	1321.298	120.1849	82.21068	121.2941	121.5773	0.938438	68.54097	30.5206	30.5206	0	-9999	10
1679.52	1682.304	1321.304	119.5359	92.75158	120.7395	122.3443	0	68.79537	31.20463	31.20463	0	-9999	10
1679.525	1682.31	1321.31	124.5628	109.7674	126.1204	126.4744	0	98.92331	1.076688	1.076688	0	-9999	10
1679.53	1682.316	1321.316	126.8166	75.58258	127.5482	126.9936	0	85.7107	14.2893	14.2893	0	-9999	10
1679.535	1682.322	1321.322	130.9349	74.51039	131.2889	129.4953	0	93.48596	6.514044	6.514044	0	-9999	10
1679.54	1682.328	1321.328	132.0795	53.41466	132.6341	130.4511	1.205634	95.51552	3.278845	3.278845	0	-9999	10
1679.545	1682.334	1321.334	129.8611	54.87674	130.8051	130.8759	0	100	0	0	0	-9999	10
1679.55	1682.339	1321.339	131.1119	47.73343	131.6665	131.8435	3.294866	92.62499	4.080145	4.080145	0	-9999	10
1679.555	1682.345	1321.345	134.7464	28.72639	134.9706	135.301	6.72896	91.62595	1.645094	0	1.645094	-9999	10
1679.56	1682.351	1321.351	138.0269	29.64541	138.1685	138.9355	3.897773	82.16777	13.93446	10.67114	3.263314	-9999	10
1679.565	1682.357	1321.357	140.8589	32.65312	141.0241	141.3073	0.860856	70.13575	29.00339	29.00339	0	-9999	10
1679.57	1682.363	1321.363	144.3518	38.3065	144.458	143.9034	0	100	0	0	0	-9999	10
1679.575	1682.369	1321.369	145.1778	35.27094	145.0362	143.3016	0	100	0	0	0	-9999	10
1679.58	1682.375	1321.375	144.0096	40.96609	143.9034	144.517	0	100	0	0	0	-9999	10
1679.585	1682.38	1321.38	148.1751	38.34827	148.3167	148.4819	0	100	0	0	0	-9999	10
1679.59	1682.386	1321.386	147.5025	34.44939	147.7385	147.4789	0	100	0	0	0	-9999	10
1679.595	1682.392	1321.392	149.2253	42.46995	149.7563	149.8271	0	100	0	0	0	-9999	10
1679.6	1682.398	1321.398	147.9627	48.27649	148.4347	148.7297	0	100	0	0	0	-9999	10
1679.605	1682.404	1321.404	146.1572	76.91934	147.2074	148.3403	0	100	0	0	0	-9999	10
1679.61	1682.41	1321.41	147.1248	48.22079	147.6441	148.8241	0	100	0	0	0	-9999	10
1679.615	1682.416	1321.416	145.8976	73.29895	147.0422	147.7503	0	100	0	0	0	-9999	10
1679.62	1682.421	1321.421	145.8622	62.75805	146.7	148.9185	0	100	0	0	0	-9999	10
1679.625	1682.427	1321.427	145.9094	64.09481	146.9006	148.2105	0	100	0	0	0	-9999	10
1679.63	1682.433	1321.433	144.8474	75.94462	146.051	148.0453	0	100	0	0	0	-9999	10
1679.635	1682.439	1321.439	142.1097	60.30732	142.8414	144.4108	0	100	0	0	0	-9999	10
1679.64	1682.445	1321.445	137.1536	66.87972	137.1064	137.5076	0	100	0	0	0	-9999	10
1679.645	1682.451	1321.451	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1681.035	1684.535	1323.535	80.70128	41.98259	80.96089	79.75726	53.58309	2.410697	44.00621	13.33994	30.66627	31.24442	-9999
1681.04	1684.54	1323.54	80.72488	45.40803	80.97269	80.97269	52.82388	2.619806	44.55632	17.87629	26.68003	30.852	-9999

1681.045	1684.545	1323.545	80.76028	34.338	80.84288	81.12609	56.75058	1.452344	41.79707	15.70335	26.09372	31.61252	-9999
1681.05	1684.55	1323.55	79.91067	37.23431	80.31187	80.76028	54.36212	2.15568	43.4822	13.6239	29.8583	31.10654	-9999
1681.055	1684.555	1323.555	77.04321	47.51064	76.8898	75.46197	58.81155	0.622186	40.56626	16.05913	24.50713	31.8389	-9999
1681.06	1684.56	1323.56	70.10466	60.1263	70.48227	74.11675	58.02668	0.702265	41.27105	14.81282	26.45823	30.10836	-9999
1681.065	1684.565	1323.565	70.06926	44.83712	70.45867	71.8275	61.66778	0	38.33222	19.40251	18.92971	31.04963	-9999
1681.07	1684.57	1323.57	68.72404	46.42452	68.19302	68.14582	69.65449	0	30.34551	18.65954	11.68597	30.75186	-9999
1681.075	1684.575	1323.575	71.07228	164.1707	67.76822	64.51135	60.49071	2.459886	37.0494	21.39041	15.65899	29.38116	-9999
1681.08	1684.58	1323.58	74.38815	333.1315	68.72404	64.36975	34.84199	10.18046	54.97755	24.93054	30.04701	23.79625	-9999
1681.085	1684.585	1323.585	66.65899	205.6659	63.02452	60.58187	57.06975	5.026622	37.90363	30.89315	7.010475	27.24037	-9999
1681.09	1684.59	1323.59	60.90047	70.06845	59.05964	56.22758	81.28149	0	18.71851	16.27921	2.439299	32.36369	-9999
1681.095	1684.595	1323.595	68.97184	245.2953	65.65597	54.75255	42.88243	7.983329	49.13424	29.22672	19.90752	26.71532	-9999
1681.1	1684.6	1323.6	67.53221	122.8426	66.30499	62.56431	57.65346	2.263705	40.08284	21.53378	18.54906	29.73457	-9999
1681.105	1684.605	1323.605	68.51163	88.53243	65.71497	62.1749	77.21855	0	22.78145	22.78145	0	32.09788	-9999
1681.11	1684.61	1323.61	86.5778	18.11587	86.3654	86.82561	57.61052	1.742073	40.64741	24.20671	16.4407	32.25763	-9999
1681.115	1684.615	1323.615	82.71912	38.18118	83.04953	84.45376	52.09791	3.164735	44.73736	21.44456	23.2928	30.69242	-9999
1681.12	1684.62	1323.62	81.16149	42.26108	81.09069	82.69552	55.65296	1.724174	42.62287	21.12979	21.49308	31.06524	-9999
1681.125	1684.625	1323.625	79.40326	49.8082	79.52126	82.44772	53.9809	2.115094	43.904	31.16905	12.73496	30.33813	-9999
1681.13	1684.63	1323.63	79.68646	22.34894	79.95787	79.87526	59.17662	0.74006	40.08332	27.74751	12.33581	32.27447	-9999
1681.135	1684.635	1323.635	76.4886	31.45561	76.11099	76.40599	64.9447	0	35.0553	14.1053	20.95	31.51471	-9999
1681.14	1684.64	1323.64	76.8544	35.63298	77.66862	79.10825	54.36059	1.876283	43.76313	19.61599	24.14714	30.82457	-9999
1681.145	1684.645	1323.645	73.96334	45.65867	73.92794	74.67136	61.17868	0	38.82132	10.92789	27.89343	31.6425	-9999
1681.15	1684.65	1323.65	75.93398	29.04666	75.83958	77.18481	63.84306	0	36.15694	13.68871	22.46824	31.49231	-9999
1681.155	1684.655	1323.655	73.85714	45.08777	74.74216	76.45319	54.2813	1.610876	44.10782	21.78876	22.31906	30.4399	-9999
1681.16	1684.66	1323.66	71.33189	48.41574	71.7921	69.30225	59.09143	0.342712	40.56586	12.29637	28.26949	31.74642	-9999
1681.165	1684.665	1323.665	68.88924	45.01814	68.73584	69.53825	66.91638	0	33.08362	19.50703	13.57659	30.67196	-9999
1681.17	1684.67	1323.67	67.53221	47.44102	67.2254	65.39637	68.76739	0	31.23261	20.33041	10.9022	31.03318	-9999
1681.175	1684.675	1323.675	69.49105	61.01748	68.92464	69.56185	65.69169	0	34.30831	6.552042	27.75626	30.91946	-9999
1681.18	1684.68	1323.68	69.76246	36.45453	70.45867	70.95428	61.60088	0	38.39912	10.03137	28.36775	31.14942	-9999
1681.185	1684.685	1323.685	72.24051	25.09208	72.47651	73.21993	65.63741	0	34.36259	8.07299	26.2896	31.03994	-9999
1681.19	1684.69	1323.69	73.57394	36.34313	73.30253	73.07833	65.62033	0	34.37967	20.79486	13.5848	31.28998	-9999
1681.195	1684.695	1323.695	72.72432	26.34529	72.34671	72.13431	69.64453	0	30.35547	7.680425	22.67505	30.92712	-9999
1681.2	1684.7	1323.7	73.18453	39.75465	71.9573	70.84808	72.5606	0	27.4394	9.276473	18.16292	30.91307	-9999
1681.205	1684.705	1323.705	72.64172	44.25229	71.44989	70.25807	71.69721	0	28.30279	19.87299	8.429803	30.97011	-9999
1681.21	1684.71	1323.71	68.87744	66.22527	68.57063	69.11344	62.98399	0	37.01601	22.07357	14.94244	31.10306	-9999
1681.215	1684.715	1323.715	67.24901	77.1839	66.32859	63.81513	66.58566	0	33.41434	20.78135	12.63299	31.56474	-9999
1681.22	1684.72	1323.72	62.96552	72.35208	61.9389	57.62001	72.51883	0	27.48117	16.00961	11.47155	31.82141	-9999
1681.225	1684.725	1323.725	69.37305	138.4799	67.2254	64.66475	59.30891	2.263062	38.42803	10.62724	27.80079	29.53035	-9999
1681.23	1684.73	1323.73	73.23173	149.4385	72.98392	72.21691	38.38318	6.395721	55.2211	35.27739	19.9437	27.29433	-9999
1681.235	1684.735	1323.735	73.83354	159.13	74.05775	74.91916	31.82609	8.050062	60.12384	39.09649	21.02736	26.78878	-9999
1681.24	1684.74	1323.74	74.60056	161.5807	74.75396	73.32613	31.07608	8.2863	60.63762	39.24448	21.39314	27.21501	-9999
1681.245	1684.745	1323.745	69.39665	206.4457	67.82722	61.9271	38.35832	7.628954	54.01273	32.72891	21.28381	26.64566	-9999
1681.25	1684.75	1323.75	66.31679	147.4334	65.08956	64.70015	52.82068	3.807322	43.372	16.60066	26.77134	27.78271	-9999
1681.255	1684.755	1323.755	67.19	159.9376	65.98638	66.8596	48.80838	4.763503	46.42812	15.30449	31.12363	26.90492	-9999
1681.26	1684.76	1323.76	69.29045	224.1438	67.26081	59.54345	37.7397	8.197551	54.06275	26.97098	27.09176	26.5325	-9999
1681.265	1684.765	1323.765	71.53249	328.7313	68.55883	73.39693	17.683	14.01672	68.30028	54.9162	13.38408	23.00479	-9999
1681.27	1684.77	1323.77	71.9809	270.9304	69.78606	67.99242	25.22246	11.25994	63.5176	42.21007	21.30754	24.91002	-9999
1681.275	1684.775	1323.775	74.44715	284.6183	72.73612	78.93125	15.89152	13.14453	70.96394	40.90433	30.05961	24.25744	-9999
1681.28	1684.78	1323.78	73.60934	322.0336	73.59754	73.26713	0	18.55491	81.44509	81.44509	0	-9999	-9999
1681.285	1684.785	1323.785	73.80994	334.7189	77.55062	65.21936	0	27.04578	72.95422	72.95422	0	-9999	-9999
1681.29	1684.79	1323.79	71.57969	373.7494	75.29677	57.0182	0	28.31961	71.68039	71.68039	0	-9999	-9999
1681.295	1684.795	1323.795	71.36729	414.1307	72.64172	51.23608	0	26.42147	73.57853	73.57853	0	-9999	-9999
1681.3	1684.8	1323.8	71.7213	396.8921	75.83958	59.92105	0	30.76903	69.23097	69.23097	0	-9999	-9999
1681.305	1684.805	1323.805	69.88046	322.9805	70.78908	69.20785	0	19.22172	80.77828	80.77828	0	-9999	-9999
1681.31	1684.81	1323.81	68.57063	263.62	70.74188	69.49105	0	16.80142	83.19858	83.19858	0	-9999	-9999
1681.315	1684.815	1323.815	66.11618	162.2073	67.90982	66.9422	26.01825	8.624893	65.35686	42.5387	22.81816	26.91891	-9999
1681.32	1684.82	1323.82	65.92738	129.039	67.2018	68.47623	38.24257	5.637557	56.11987	28.58772	27.53215	26.98076	-9999
1681.325	1684.825	1323.825	66.70619	47.90053	67.072	68.05142	64.20337	0	35.79663	7.960966	27.83567	30.56768	-9999
1681.33	1684.83	1323.83	62.42271	28.83779	61.34888	62.1041	83.91449	0	16.08551	16.08551	0	30.99383	-9999
1681.335	1684.835	1323.835	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1681.35	1684.85	1323.85	54.98855	43.15225	53.67873	52.1919	89.11885	0	10.88115	10.88115	0	32.59662	-9999
1681.355	1684.855	1323.855	60.06266	81.22203	57.98581	55.76737	81.18215	0	18.81785	6.632982	12.18486	32.57064	-9999
1681.36	1684.86	1323.86	61.9507	106.2166	59.88565	56.21578	73.30501	0	26.69499	18.62191	8.073079	32.61483	-9999
1681.365	1684.865	1323.865	61.57309	119.6539	59.05964	56.27478	73.87578	0.371879	25.75234	13.98838	11.76397	32.37323	-9999
1681.37	1684.87	1323.87	69.36125	143.0611	71.6859	68.31103	23.55086	9.198942	67.2502	38.74165	28.50856	28.12615	-9999
1681.375	1684.875	1323.875	70.35247	102.3178	71.49709	70.61207	41.644	4.840778	53.51522	20.5301	32.98512	28.33377	-9999
1681.38	1684.88	1323.88	72.66532	68.3418	73.66834	74.62416	48.83578	3.015431	48.14879	22.66182	25.48697	29.37696	-9999
1681.385	1684.885	1323.885	69.55005	55.64259	69.56185	69.08984	62.45699	0	37.54301	7.714999	29.82801	31.30709	-9999
1681.39	1684.89	1323.89	72.24051	162.0542	71.8865	68.14582	37.06518	6.861077	56.07374	37.04943	19.02432	27.47089	-9999
1681.395	1684.895	1323.895	67.83902	140.5964	66.47019	59.01244	54.17219	3.311518	42.51629	18.10702	24.40927	29.53156	-9999
1681.4	1684.9	1323.9	67.43781	278.2269	68.54703	62.2457	2.029834	15.8598	82.11037	82.11037	0	-9999	-9999
1681.405	1684.905	1323.905	72.26411	239.7254	72.67712	70.71828	12.30265	13.41613	74.28122	54.40648	19.87474	27.12327	-9999
1681.41	1684.91	1323.91	80.42988	292.8616	79.94607	76.21719	0	17.34992	82.65008	82.65008	0	-9999	-9999
1681.415	1684.915	1323.915	91.1681	427.4844	94.80257	101.2101	0	49.95612	50.04388	50.04388	0	-9999	-9999

1681.42	1684.92	1323.92	97.95324	523.2437	99.69967	115.512	0	54.88661	45.11339	45.11339	0	-9999	-9999
1681.425	1684.925	1323.925	101.3989	396.8503	98.94446	108.0778	0	21.33075	78.66925	78.66925	0	-9999	-9999
1681.43	1684.93	1323.93	93.00893	516.9637	89.66947	108.6561	0	24.88945	75.11055	75.11055	0	-9999	-9999
1681.435	1684.935	1323.935	82.66012	583.3003	85.73999	64.95976	0	48.51266	51.48734	51.48734	0	-9999	-9999
1681.44	1684.94	1323.94	63.90954	238.6393	62.80031	47.96741	32.04899	9.878071	58.07294	22.75636	35.31659	27.11947	-9999
1681.445	1684.945	1323.945	59.83845	99.92273	58.36342	55.40156	72.19881	0	27.80119	14.34392	13.45727	32.21375	-9999
1681.45	1684.95	1323.95	56.82939	91.20595	54.72895	52.86451	81.92355	0	18.07645	18.07645	0	32.97136	-9999
1681.455	1684.955	1323.955	57.1008	61.96435	55.90897	54.49294	81.70853	0	18.29147	18.29147	0	31.85047	-9999
1681.46	1684.96	1323.96	57.64361	70.24947	56.52258	55.25996	78.65544	0	21.34456	13.02218	8.322385	31.64633	-9999
1681.465	1684.965	1323.965	54.13894	66.00247	53.27752	53.26572	80.89557	0	19.10443	5.529083	13.57535	31.46374	-9999
1681.47	1684.97	1323.97	57.89141	101.0785	56.77039	55.67297	70.96684	0.123537	28.90962	10.29607	18.61355	31.57557	-9999
1681.475	1684.975	1323.975	56.14498	60.72506	55.47236	53.66693	78.86391	0	21.13609	17.26219	3.873898	31.38698	-9999
1681.48	1684.98	1323.98	54.54014	46.87011	53.41912	51.62548	87.16843	0	12.83157	12.70242	0.129153	32.3353	-9999
1681.485	1684.985	1323.985	53.79673	80.6372	50.98827	47.87301	92.75835	0	7.241645	7.241645	0	35.22185	-9999
1681.49	1684.99	1323.99	57.60821	212.7396	51.48388	45.24155	82.98099	4.21878	12.80023	11.41745	1.382777	32.59859	-9999
1681.495	1684.995	1323.995	59.01244	215.7612	52.94711	50.17405	80.5006	4.305178	15.19422	15.19422	0	31.27623	-9999
1681.5	1685	1324	62.55251	83.26894	62.45811	62.2221	63.03222	0.306014	36.66176	8.255304	28.40646	30.61267	-9999
1681.505	1685.005	1324.005	67.54401	86.16525	67.31981	62.88292	58.7451	1.089645	40.16525	18.43663	21.72862	30.9286	-9999
1681.51	1685.01	1324.01	69.92766	78.49281	69.59725	68.45263	59.23194	0.82747	39.94059	16.90924	23.03135	30.73785	-9999
1681.515	1685.015	1324.015	73.10193	141.2787	71.37909	68.26383	51.90875	3.324166	44.76708	18.0305	26.73658	28.85407	-9999
1681.52	1685.02	1324.02	75.94578	118.4424	75.48557	80.25287	45.03344	4.502701	50.46386	21.98452	28.47934	27.44454	-9999
1681.525	1685.025	1324.025	73.88074	130.5707	71.8393	71.27289	56.25278	2.137187	41.61003	23.07967	18.53036	29.2594	-9999
1681.53	1685.03	1324.03	76.4768	89.45145	75.61538	78.02263	54.67008	1.851433	43.47848	21.34698	22.13151	29.57608	-9999
1681.535	1685.035	1324.035	73.16093	115.8942	71.53249	67.82722	57.26591	1.770547	40.96355	21.61629	19.34726	30.26481	-9999
1681.54	1685.04	1324.04	68.26383	75.15092	66.9068	65.93918	69.52772	0	30.47228	22.73086	7.741421	31.22588	-9999
1681.545	1685.045	1324.045	67.39061	81.06886	64.67655	63.44933	79.41591	0	20.58409	15.5816	5.002491	31.81496	-9999
1681.55	1685.05	1324.05	67.1074	112.1624	63.52013	62.52891	78.91925	0	21.08075	19.02957	2.05118	32.35501	-9999
1681.555	1685.055	1324.055	68.28743	149.7727	63.31952	60.74707	79.43182	0	20.56818	15.36588	5.202303	33.24427	-9999
1681.56	1685.06	1324.06	67.0366	101.7747	65.64417	65.05416	64.48817	0.590559	34.92127	22.53866	12.38261	30.79706	-9999
1681.565	1685.065	1324.065	68.39363	116.9664	65.90378	63.73253	68.06834	0.339673	31.59199	9.346421	22.24557	31.55581	-9999
1681.57	1685.07	1324.07	61.70289	88.51851	60.55827	56.78219	70.68269	0	29.31731	15.54567	13.77164	31.97252	-9999
1681.575	1685.075	1324.075	65.33737	174.9344	63.87414	51.60188	48.89553	5.309313	45.79516	16.49972	29.29543	28.81702	-9999
1681.58	1685.08	1324.08	65.57337	163.2378	63.66173	60.79427	54.98416	4.035542	40.98029	20.45794	20.52235	28.03431	-9999
1681.585	1685.085	1324.085	64.85356	85.27408	61.72649	58.72923	83.93315	0	16.06685	8.352598	7.714254	32.98172	-9999
1681.59	1685.09	1324.09	64.52315	35.0203	63.93314	63.47293	76.73638	0	23.26362	18.52763	4.735987	30.65089	-9999
1681.595	1685.095	1324.095	61.76189	67.22784	61.10108	60.28686	72.03123	0	27.96877	13.27184	14.69693	30.9664	-9999
1681.6	1685.1	1324.1	66.58819	160.7035	65.10136	55.35436	51.37156	4.417517	44.21093	32.68115	11.52977	29.03855	4
1681.605	1685.105	1324.105	72.53551	270.4152	71.6859	59.07144	14.41139	13.40391	72.1847	59.4056	12.7791	28.1038	4
1681.61	1685.11	1324.11	86.16479	232.8606	87.43922	87.28582	0	21.27217	78.72783	78.72783	0	-9999	4
1681.615	1685.115	1324.115	95.69939	218.9361	98.57865	99.93568	0	38.39566	61.60434	61.60434	0	-9999	4
1681.62	1685.12	1324.12	96.4192	260.0971	100.3723	102.2721	0	49.58865	50.41135	50.41135	0	-9999	4
1681.625	1685.125	1324.125	95.58139	252.6335	99.31026	103.9832	0	45.95867	54.04133	54.04133	0	-9999	4
1681.63	1685.13	1324.13	95.61679	313.4839	100.2189	107.1574	0	56.01602	43.98398	43.98398	0	-9999	4
1681.635	1685.135	1324.135	91.2389	420.0208	98.38985	91.5221	0	69.82339	30.17661	30.17661	0	-9999	4
1681.64	1685.14	1324.14	91.68731	296.3845	97.51663	101.9299	0	54.37918	45.62082	45.62082	0	-9999	4
1681.645	1685.145	1324.145	88.61924	305.1849	94.66097	100.4313	0	50.04912	49.95088	49.95088	0	-9999	4
1681.65	1685.15	1324.15	85.90519	455.6956	93.98835	101.3753	0	65.24461	34.75539	34.75539	0	-9999	4
1681.655	1685.155	1324.155	88.90245	361.3844	94.54297	98.16564	0	52.27519	47.72481	47.72481	0	-9999	4
1681.66	1685.16	1324.16	88.39504	244.0142	90.87309	96.4192	0	28.66577	71.33423	71.33423	0	-9999	4
1681.665	1685.165	1324.165	84.67796	229.9086	85.43318	86.6368	0.605468	18.37215	81.02239	81.02239	0	-9999	4
1681.67	1685.17	1324.17	89.59866	208.7293	92.43072	97.52843	0	29.17388	70.82612	70.82612	0	-9999	4
1681.675	1685.175	1324.175	88.47764	220.2171	91.5575	99.80587	0	29.79095	70.20905	70.20905	0	-9999	4
1681.68	1685.18	1324.18	87.03801	262.5478	90.25948	96.79681	0	31.64661	68.35339	68.35339	0	-9999	4
1681.685	1685.185	1324.185	86.4362	192.8136	85.19717	83.04953	23.42026	10.05072	66.52901	34.1784	32.35061	27.7604	4
1681.69	1685.19	1324.19	84.40656	189.778	81.7869	75.68618	36.72201	5.442924	57.83507	20.86331	36.97175	28.30075	4
1681.695	1685.195	1324.195	87.32122	172.2609	84.41836	78.14063	40.47451	3.468328	56.05716	32.02463	24.03254	29.1194	4
1681.7	1685.2	1324.2	91.64011	128.1061	91.64011	92.46612	24.68943	12.5678	62.74277	33.25257	29.4902	28.16921	4
1681.705	1685.205	1324.205	95.09758	124.2907	94.92057	93.25674	23.80365	13.62038	62.57597	29.0515	33.52447	28.74879	4
1681.71	1685.21	1324.21	98.92086	136.976	99.54627	93.64615	10.99767	22.50161	66.50072	42.94557	23.55516	29.88556	4
1681.715	1685.215	1324.215	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1682.015	1685.515	1324.515	94.92057	68.5089	93.95295	93.42194	43.59297	5.678278	50.72875	27.29844	23.43031	30.10352	4
1682.02	1685.52	1324.52	102.3901	107.2053	103.0037	99.68787	15.10191	24.42485	60.47324	47.47521	12.99803	28.97086	4
1682.025	1685.525	1324.525	98.05944	74.55216	98.29544	99.90028	29.91466	14.93207	55.15327	21.02459	34.12869	28.43953	4
1682.03	1685.53	1324.53	94.09456	66.50376	93.92935	92.87913	38.61942	9.131914	52.24866	18.70389	33.54477	29.59734	4
1682.035	1685.535	1324.535	89.96447	75.7636	89.74027	89.52786	40.63548	7.157084	52.20744	25.65942	26.54802	29.42317	4
1682.04	1685.54	1324.54	88.46584	93.08577	88.30064	86.93181	37.365	7.824886	54.81012	20.35263	34.45749	29.13901	4
1682.045	1685.545	1324.545	90.09427	95.11875	90.69609	88.84345	29.43048	11.99077	58.57875	35.43014	23.14861	28.92644	4
1682.05	1685.55	1324.55	90.23588	109.4332	91.3097	90.03527	22.17803	15.11127	62.7107	38.78469	23.92601	28.72936	4
1682.055	1685.555	1324.555	85.61018	111.5358	84.76057	84.30036	40.8315	5.586893	53.58161	25.27248	28.30913	28.81782	4
1682.06	1685.56	1324.56	86.5306	114.0701	84.27676	80.71308	50.25419	1.528539	48.21727	24.85304	23.36423	30.41411	4
1682.065	1685.565	1324.565	83.52154	79.42576	82.10551	79.60386	54.91337	1.219119	43.86751	31.46718	12.40033	31.20682	4
1682.07	1685.57	1324.57	84.94937	116.7854	85.43318	80.15847	29.83499	9.98607	60.17894	40.7403	19.43864	29.19475	4
1682.075	1685.575	1324.575	85.25618	99.74171	84.53636	81.6453	43.00539	5.091292	51.90332	26.19528	25.70804	29.59378	4

1682.08	1685.58	1324.58	86.5778	113.4992	85.62198	82.66012	40.28922	5.666255	54.04452	22.54226	31.50226	29.27284	4
1682.085	1685.585	1324.585	87.08521	84.96774	87.16781	83.34454	38.67925	7.523672	53.79708	19.65483	34.14226	29.72136	4
1682.09	1685.59	1324.59	84.39476	151.7082	83.02593	82.17631	36.25185	6.407802	57.34035	35.40741	21.93294	27.93841	4
1682.095	1685.595	1324.595	81.00809	96.23272	79.50946	75.50918	53.79863	1.695581	44.50579	28.98834	15.51745	30.82261	4
1682.1	1685.6	1324.6	84.07615	98.46065	83.62774	83.04953	42.29763	5.45042	52.25195	30.31874	21.9332	29.05977	4
1682.105	1685.605	1324.605	83.96995	105.4369	84.28856	86.97901	34.76273	8.222062	57.01521	23.25708	33.75813	27.93085	4
1682.11	1685.61	1324.61	78.28223	57.42494	78.21143	79.72186	54.63222	1.826396	43.54138	13.79486	29.74652	30.48535	4
1682.115	1685.615	1324.615	76.01659	76.36236	74.74216	73.65654	61.46185	0.077147	38.461	26.06148	12.39951	31.58051	4
1682.12	1685.62	1324.62	76.6184	164.672	73.56214	68.21663	53.34649	2.742384	43.91113	27.66474	16.24639	29.22775	4
1682.125	1685.625	1324.625	80.15847	166.7189	79.23805	74.02234	33.04148	7.695206	59.26332	26.73773	32.52558	28.12103	4
1682.13	1685.63	1324.63	81.32669	84.87027	80.85468	79.60386	48.29891	3.597345	48.10374	34.12141	13.98234	29.83068	4
1682.135	1685.635	1324.635	89.39806	130.4454	89.05585	88.64285	28.8381	10.10122	61.06068	43.77657	17.28411	28.28786	4
1682.14	1685.64	1324.64	88.94965	86.61084	88.05283	85.32698	44.15684	4.828234	51.01493	24.43843	26.5765	30.07117	4
1682.145	1685.645	1324.645	90.53088	39.35084	90.10608	87.34482	50.48095	4.15026	45.36879	22.54056	22.82823	31.51335	4
1682.15	1685.65	1324.65	91.69911	131.0302	91.3333	84.35936	26.76251	11.1699	62.06759	44.27515	17.79244	29.57932	4
1682.155	1685.655	1324.655	82.01111	67.79874	80.66588	77.88102	58.568	0.336787	41.09521	26.84764	14.24757	31.97344	4
1682.16	1685.66	1324.66	74.02234	47.81698	74.25835	76.76	58.4987	0.608972	40.89233	11.24674	29.64559	30.87694	4
1682.165	1685.665	1324.665	68.85384	37.59635	68.86564	69.04264	67.4647	0	32.5353	5.551387	26.98391	30.69621	4
1682.17	1685.67	1324.67	66.12798	51.1728	65.23116	62.70591	73.72878	0	26.27122	4.431984	21.83924	31.21132	4
1682.175	1685.675	1324.675	69.96306	49.82212	68.98364	67.92162	71.16754	0	28.83246	12.35554	16.47692	30.97348	4
1682.18	1685.68	1324.68	75.60358	53.40074	75.66258	74.55336	57.06447	1.06992	41.86561	20.28048	21.58512	31.27803	4
1682.185	1685.685	1324.685	74.95456	87.00073	74.81296	72.93672	51.08505	2.773581	46.14137	30.69279	15.44858	29.85162	4
1682.19	1685.69	1324.69	75.04897	52.25892	74.69496	72.24051	61.05185	0.041243	38.90691	27.18565	11.72126	32.20383	4
1682.195	1685.695	1324.695	70.50587	48.51321	69.34945	66.61179	72.35668	0	27.64332	15.96187	11.68145	31.26134	4
1682.2	1685.7	1324.7	69.13704	62.60488	68.81844	65.97458	63.71274	0	36.28726	16.50934	19.77792	31.66017	4
1682.205	1685.705	1324.705	71.01328	64.95813	70.83628	66.12798	60.31969	0.352941	39.32737	14.18128	25.14608	31.95696	4
1682.21	1685.71	1324.71	75.56818	150.2322	76.8898	65.56157	23.87847	10.22115	65.90038	40.22105	25.67932	29.62444	4
1682.215	1685.715	1324.715	72.65352	105.8824	71.8275	65.57337	53.93684	2.355878	43.70728	17.42657	26.2807	30.44872	4
1682.22	1685.72	1324.72	68.59423	36.51023	68.33463	68.03962	70.06977	0	29.93023	21.01802	8.912208	30.68212	4
1682.225	1685.725	1324.725	70.54127	36.02287	70.44687	70.42327	67.11611	0	32.88389	20.15658	12.72731	30.88927	4
1682.23	1685.73	1324.73	83.55694	122.9818	84.25315	86.2828	27.97035	10.37981	61.64983	34.44414	27.20569	27.72771	4
1682.235	1685.735	1324.735	77.53882	105.2558	77.86922	75.82778	40.63172	5.732702	53.63558	35.86086	17.77471	28.76856	4
1682.24	1685.74	1324.74	67.35521	56.08818	65.76217	63.22512	76.80587	0	23.19413	6.90372	16.29041	31.45018	4
1682.245	1685.745	1324.745	69.07804	116.9664	65.53797	62.1513	75.57789	0	24.42211	12.41586	12.00625	32.33815	4
1682.25	1685.75	1324.75	76.5948	90.87176	75.50918	76.5712	55.95539	1.518477	42.52613	27.69132	14.83481	29.9858	4
1682.255	1685.755	1324.755	77.77482	55.93501	77.76302	76.97241	55.00234	1.708783	43.28887	24.36958	18.91929	30.96599	4
1682.26	1685.76	1324.76	73.98694	43.15225	73.58574	72.22871	64.59853	0	35.40147	8.109926	27.29154	31.58637	4
1682.265	1685.765	1324.765	72.79512	43.47252	72.15791	70.25807	67.44654	0	32.55346	7.688205	24.86525	31.3503	4
1682.27	1685.77	1324.77	72.27591	64.17835	72.33491	74.38815	57.51774	0.959686	41.52257	20.26625	21.25632	30.34271	4
1682.275	1685.775	1324.775	67.27261	51.21458	66.36399	62.89472	72.75707	0	27.24293	5.606824	21.63611	31.38571	4
1682.28	1685.78	1324.78	70.91888	57.63381	70.09286	69.65625	67.20888	0	32.79112	5.962152	26.82897	31.05701	4
1682.285	1685.785	1324.785	77.16121	163.558	75.91038	65.39637	39.12454	6.183182	54.69227	24.60129	30.09098	29.06962	4
1682.29	1685.79	1324.79	80.89009	127.4934	82.86073	76.6184	19.45526	12.99614	67.5486	40.82691	26.72169	29.54385	4
1682.295	1685.795	1324.795	84.24135	160.3136	84.06435	77.12581	25.07384	10.50973	64.41643	37.8073	26.60914	28.92161	4
1682.3	1685.8	1324.8	83.28553	119.2083	83.02593	80.35907	36.54085	7.134999	56.32415	39.99426	16.3299	28.73465	4
1682.305	1685.805	1324.805	82.02291	111.9118	81.3621	79.46226	42.57758	5.121638	52.30079	35.74479	16.556	28.98378	4
1682.31	1685.81	1324.81	76.5948	92.77943	75.43837	74.23475	56.04245	1.505748	42.4518	18.87368	23.57812	30.37691	4
1682.315	1685.815	1324.815	78.82504	175.3382	77.09041	73.52673	38.49254	6.189922	55.31754	37.62907	17.68847	27.65255	4
1682.32	1685.82	1324.82	80.38268	99.43537	80.32367	79.02565	42.44184	5.351044	52.20712	36.19505	16.01206	28.99114	4
1682.325	1685.825	1324.825	69.27865	115.1701	67.82722	70.18727	59.64105	1.618313	38.74063	27.06661	11.67403	29.22612	4
1682.33	1685.83	1324.83	73.55033	100.8696	72.14611	71.42629	58.80602	1.171955	40.02202	20.87789	19.14413	30.32119	4
1682.335	1685.835	1324.835	72.85412	65.8493	72.19331	70.81268	62.15998	0	37.84002	23.64315	14.19687	31.72254	4
1682.34	1685.84	1324.84	75.47377	76.84972	75.55638	74.90736	51.32633	2.664703	46.00896	16.39211	29.61685	29.89528	4
1682.345	1685.845	1324.845	75.07257	111.6751	75.02537	75.11977	44.27368	4.652147	51.07417	35.38249	15.69168	28.33438	4
1682.35	1685.85	1324.85	76.819	77.83836	77.40901	79.93427	45.91704	4.21556	49.8674	26.571	23.29639	28.79732	4
1682.355	1685.855	1324.855	78.81324	92.20852	79.60386	78.61264	39.05008	6.405876	54.54404	34.58911	19.95493	28.79979	4
1682.36	1685.86	1324.86	86.75481	115.3233	87.40382	88.92605	27.24748	11.43885	61.31366	44.43506	16.8786	28.01712	4
1682.365	1685.865	1324.865	83.08493	113.3878	82.58932	79.28525	39.963	5.994196	54.04281	35.12037	18.92244	29.10385	4
1682.37	1685.87	1324.87	81.83411	90.4958	81.24409	78.77784	47.38523	3.812233	48.80253	16.02101	32.78152	29.88408	4
1682.375	1685.875	1324.875	79.48586	124.4161	80.33547	83.55694	30.17979	9.009864	60.81035	41.7686	19.04175	27.3176	4
1682.38	1685.88	1324.88	74.45895	164.6581	74.21115	71.36729	33.571	7.695704	58.7333	34.90274	23.83056	27.36015	4
1682.385	1685.885	1324.885	73.11373	115.8246	71.6859	71.9927	55.7715	2.091334	42.13717	22.96105	19.17612	29.294	4
1682.39	1685.89	1324.89	74.17575	91.08063	73.60934	73.01932	54.10649	2.080105	43.8134	30.89754	12.91586	29.85578	4
1682.395	1685.895	1324.895	72.0635	120.6703	71.8983	69.18425	45.77968	4.347178	49.87314	20.5949	29.27824	28.58565	4
1682.4	1685.9	1324.9	75.40297	96.26057	75.53278	75.50918	46.32824	4.050078	49.62169	28.33734	21.28435	28.85769	4
1682.405	1685.905	1324.905	78.67164	79.50931	79.00205	80.63048	45.82019	4.38106	49.79875	29.19068	20.60808	29.0059	4
1682.41	1685.91	1324.91	77.07861	126.1427	76.25259	76.9016	44.96278	4.518078	50.51914	25.6607	24.85845	28.10566	4
1682.415	1685.915	1324.915	73.25533	126.3794	73.14913	73.70374	42.84435	5.095371	52.06028	23.64934	28.41094	27.73439	4
1682.42	1685.92	1324.92	75.17877	162.3327	74.89556	76.8662	33.74587	7.637833	58.61629	29.62359	28.9927	26.5635	4
1682.425	1685.925	1324.925	76.7836	181.1865	77.56242	74.42355	19.47612	11.59614	68.92774	53.72487	15.20287	27.8918	4
1682.43	1685.93	1324.93	63.16612	56.82618	61.9035	59.95646	77.92058	0	22.07942	13.86382	8.215598	31.44542	4
1682.435	1685.935	1324.935	59.75585	38.09763	59.60245	59.37824	76.99386	0	23.00614	18.97325	4.032887	30.38208	4
1682.44	1685.94	1324.94	66.04538	70.87607	64.84176	63.77973	71.41433	0	28.58567	6.500548	22.08512	31.19165	4

1682.445	1685.945	1324.945	71.9455	129.8188	71.59149	74.25835	45.13755	4.627757	50.2347	31.74123	18.49346	27.3305	4
1682.45	1685.95	1324.95	75.60358	142.518	75.14337	73.10193	39.52198	6.051329	54.42669	36.70175	17.72495	27.8518	4
1682.455	1685.955	1324.955	76.7246	178.7776	75.89858	73.72734	32.55082	8.000694	59.44848	38.5644	20.88409	27.08855	4
1682.46	1685.96	1324.96	78.02263	174.6141	78.32943	79.91067	23.58481	10.52224	65.89295	45.96613	19.92682	26.87873	4
1682.465	1685.965	1324.965	78.47104	154.7438	78.19963	72.55911	32.46205	7.990095	59.54786	41.51836	18.0295	28.31984	4
1682.47	1685.97	1324.97	75.73338	138.9951	74.51795	73.42053	46.10802	4.376008	49.51597	19.63987	29.87609	28.15488	4
1682.475	1685.975	1324.975	82.56572	147.5169	84.11155	87.51002	16.36025	14.10898	69.53077	50.91443	18.61635	27.73846	4
1682.48	1685.98	1324.98	84.41836	187.5918	83.94635	82.16451	20.59596	11.51211	67.89193	39.95478	27.93715	27.79606	4
1682.485	1685.985	1324.985	77.84562	121.6868	77.29101	75.07257	43.23205	4.96381	51.80414	36.0177	15.78644	28.64789	4
1682.49	1685.99	1324.99	68.99544	117.774	67.2018	62.0333	61.92356	1.312011	36.76442	25.42636	11.33807	30.91712	4
1682.495	1685.995	1324.995	67.87442	171.0912	64.22814	57.65541	64.41009	2.625763	32.96415	20.36594	12.59821	30.20203	4
1682.5	1686	1325	67.50861	122.202	66.69439	61.78549	54.62936	2.744823	42.62582	14.19054	28.43527	29.5383	4
1682.505	1686.005	1325.005	65.45537	109.2243	64.06294	60.01546	64.14009	0.962603	34.89731	12.31687	22.58044	31.05126	4
1682.51	1686.01	1325.01	62.3401	114.0562	60.82967	54.35134	66.75135	0.945686	32.30296	15.77979	16.52317	31.64449	4
1682.515	1686.015	1325.015	62.3047	121.7147	61.25448	56.85299	61.36394	1.907017	36.72905	10.78605	25.943	30.06288	4
1682.52	1686.02	1325.02	59.57885	232.6935	56.78219	52.10929	50.54972	7.750164	41.70011	28.96997	12.73015	25.54491	4
1682.525	1686.025	1325.025	53.32472	81.63977	51.31868	48.53382	86.73125	0	13.26875	13.26875	0	33.70552	4
1682.53	1686.03	1325.03	59.28384	114.8638	57.1598	53.91473	74.12316	0.325083	25.55175	11.00166	14.5501	32.44935	4
1682.535	1686.035	1325.035	72.44111	123.9008	73.07833	76.38239	38.43177	6.039782	55.52845	31.11403	24.41442	27.05288	4
1682.54	1686.04	1325.04	67.72102	114.0283	67.1428	65.83298	54.58295	2.528892	42.88815	19.48353	23.40462	29.08336	4
1682.545	1686.045	1325.045	61.40789	76.32058	59.76765	57.62001	77.74698	0	22.25302	10.4778	11.77522	31.94532	4
1682.55	1686.05	1325.05	63.79153	144.8852	63.09532	60.84147	51.64524	3.979194	44.37557	25.67487	18.7007	27.87001	4
1682.555	1686.055	1325.055	66.68259	164.6024	64.19274	59.47265	58.11459	3.518659	38.36675	18.63023	19.73653	28.85214	4
1682.56	1686.06	1325.06	66.9068	133.2582	66.29319	66.8242	50.95277	3.669183	45.37805	30.19215	15.1859	27.79925	4
1682.565	1686.065	1325.065	60.46387	155.7463	59.53165	51.81429	53.90733	4.161393	41.93128	19.09276	22.83852	28.59439	4
1682.57	1686.07	1325.07	61.9979	159.6313	62.0687	54.77615	43.78245	5.555237	50.66231	35.00965	15.65267	27.71263	4
1682.575	1686.075	1325.075	63.37853	97.6391	62.77671	62.2457	62.72714	0.844888	36.42797	12.70172	23.72625	30.28774	4
1682.58	1686.08	1325.08	67.98062	175.8673	65.06596	59.57885	57.48654	3.796466	38.71699	27.17275	11.54424	28.73144	4
1682.585	1686.085	1325.085	66.8832	77.11428	66.31679	64.40515	64.19549	0	35.80451	15.20189	20.60262	31.48971	4
1682.59	1686.09	1325.09	73.38513	87.34884	72.52371	73.03112	58.02325	1.163313	40.81344	29.59908	11.21436	30.25693	4
1682.595	1686.095	1325.095	71.39089	103.9191	70.22267	68.86564	58.2257	1.496533	40.27777	16.54555	23.73222	30.11138	4
1682.6	1686.1	1325.1	73.70374	98.5999	72.93672	71.7331	54.27576	2.141019	43.58322	15.90306	27.68016	29.79312	4
1682.605	1686.105	1325.105	80.21747	92.9326	80.64228	82.93153	40.41797	6.094493	53.48754	28.71585	24.77169	28.30513	4
1682.61	1686.11	1325.11	80.65408	138.7444	81.5627	86.2592	25.1803	10.65468	64.16503	33.33008	30.83494	26.97483	4
1682.615	1686.115	1325.115	77.01961	66.54553	76.819	77.90462	54.59263	1.799641	43.60773	28.61266	14.99508	30.30298	4
1682.62	1686.12	1325.12	77.84562	36.96974	78.28223	78.62444	56.05163	1.469445	42.47892	25.42338	17.05554	31.28818	4
1682.625	1686.125	1325.125	76.583	53.63745	76.7246	78.03443	55.46596	1.535576	42.99847	17.07364	25.92483	30.62732	4
1682.63	1686.13	1325.13	80.09947	96.1074	81.10249	80.86649	35.27709	7.772009	56.9509	26.01533	30.93557	28.50185	4
1682.635	1686.135	1325.135	79.15545	107.1635	78.40023	76.7482	47.09634	3.838564	49.0651	22.32707	26.73802	29.2295	4
1682.64	1686.14	1325.14	79.53306	50.46265	78.96665	78.45924	59.00732	0.54624	40.44644	12.05715	28.38929	31.77858	4
1682.645	1686.145	1325.145	83.25013	106.885	81.84591	75.94578	48.42648	3.053042	48.52048	17.29297	31.22751	30.44639	4
1682.65	1686.15	1325.15	83.91095	96.39981	83.88735	79.80446	39.65608	6.5347	53.80922	18.6349	35.17432	29.53803	4
1682.655	1686.155	1325.155	78.68344	113.1232	78.53004	77.53882	41.42429	5.513866	53.06185	36.92472	16.13712	28.52135	4
1682.66	1686.16	1325.16	79.98147	140.3597	79.81626	80.68948	33.73033	7.717162	58.55251	33.0351	25.51741	27.474	4
1682.665	1686.165	1325.165	79.49766	172.3305	77.07861	72.68892	43.90581	4.559702	51.53449	29.63281	21.90168	28.21175	4
1682.67	1686.17	1325.17	80.31187	178.7637	77.65682	73.63294	43.42894	4.503304	52.06775	36.53901	15.52874	28.05976	4
1682.675	1686.175	1325.175	78.05803	156.1362	75.60358	72.31131	49.42364	3.330907	47.24546	19.08676	28.15869	28.70092	4
1682.68	1686.18	1325.18	75.07257	61.97827	74.32915	75.69798	61.69597	0	38.30403	21.58878	16.71525	31.35245	4
1682.685	1686.185	1325.185	76.09919	114.8777	74.12855	71.7449	57.4608	1.365245	41.17395	23.86097	17.31299	30.30317	4
1682.69	1686.19	1325.19	82.36512	116.674	80.92549	78.88404	47.14612	3.454652	49.39923	21.50843	27.8908	29.3562	4
1682.695	1686.195	1325.195	83.66314	44.41939	83.86375	84.37116	50.72574	3.604972	45.66929	28.45869	17.2106	30.58929	4
1682.7	1686.2	1325.2	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1683.01	1686.51	1325.51	74.86016	37.87484	74.50615	74.50615	64.7065	0	35.2935	23.5875	11.70601	31.41029	8
1683.015	1686.515	1325.515	77.68042	61.05925	78.54184	72.45291	47.08169	4.017419	48.90089	20.91877	27.98212	30.85242	8
1683.02	1686.52	1325.52	73.68014	39.76858	73.63294	75.00176	62.95608	0	37.04392	9.48205	27.56187	31.28318	8
1683.025	1686.525	1325.525	71.52069	31.13534	72.0399	73.96334	62.64233	0	37.35767	7.971455	29.38622	31.00967	8
1683.03	1686.53	1325.53	76.8308	53.80455	76.6066	77.19661	58.03255	0.83981	41.12764	17.58186	23.54578	31.17625	8
1683.035	1686.535	1325.535	79.61566	55.15523	78.78964	79.02565	59.80766	0.267889	39.92445	26.64996	13.27449	31.70079	8
1683.04	1686.54	1325.54	84.89037	130.5429	85.06737	84.97297	28.93771	9.886718	61.17557	25.60281	35.57276	28.03498	8
1683.045	1686.545	1325.545	96.0534	70.69505	96.46641	98.80285	31.32186	13.96947	54.70867	26.52387	28.1848	28.38737	8
1683.05	1686.55	1325.55	95.52239	83.19932	96.018	96.0298	28.14419	14.82308	57.03273	39.51562	17.51711	28.63463	8
1683.055	1686.555	1325.555	95.33358	99.57462	95.45159	96.077	27.28153	13.69819	59.02028	32.10243	26.91785	28.45236	8
1683.06	1686.56	1325.56	96.89121	104.1976	97.11542	99.18046	23.90668	15.84793	60.24539	27.34069	32.90469	28.11574	8
1683.065	1686.565	1325.565	96.83221	156.4147	97.81163	102.2603	5.471495	23.84851	70.68	63.41085	7.269147	-9999	8
1683.07	1686.57	1325.57	92.53693	120.3779	91.93511	89.71667	30.39862	9.812044	59.78934	42.14379	17.64555	28.87766	8
1683.075	1686.575	1325.575	89.07945	73.89771	88.81985	88.44224	42.1756	6.458403	51.366	24.55276	26.81324	29.57396	8
1683.08	1686.58	1325.58	89.39806	87.79443	88.65465	85.96419	42.269	5.656762	52.07424	25.41492	26.65931	29.87371	8
1683.085	1686.585	1325.585	91.4159	95.45294	90.56628	88.58384	39.38229	6.541768	54.07594	29.89454	24.1814	29.5128	8
1683.09	1686.59	1325.59	92.65493	80.59543	91.74631	90.67249	42.29517	5.790061	51.91477	23.84271	28.07206	29.82958	8
1683.095	1686.595	1325.595	92.20652	104.8242	91.91151	90.50728	32.08885	9.987606	57.92355	41.79772	16.12583	28.89169	8
1683.1	1686.6	1325.6	95.15658	103.2646	94.94417	93.59895	29.11204	12.05276	58.8352	41.88246	16.95275	28.86366	8
1683.105	1686.605	1325.605	96.3602	71.96219	96.3602	96.86761	33.93376	11.95113	54.11511	23.16166	30.95345	28.91366	8
1683.11	1686.61	1325.61	92.70213	81.65369	93.06794	94.29516	32.11884	11.82837	56.05279	34.45831	21.59448	28.57486	8

1683.115	1686.615	1325.615	79.75726	63.02261	79.34425	77.23201	54.57266	1.822596	43.60474	23.58988	20.01486	31.1127	8
1683.12	1686.62	1325.62	76.37059	44.79535	75.11977	73.69194	68.59248	0	31.40752	11.02182	20.3857	31.13217	8
1683.125	1686.625	1325.625	74.63596	33.53037	74.42355	75.65078	64.8667	0	35.1333	5.614174	29.51912	31.19096	8
1683.13	1686.63	1325.63	75.70978	39.8939	75.80418	76.5948	59.96106	0.259171	39.77976	22.64046	17.1393	31.69595	8
1683.135	1686.635	1325.635	79.03745	29.45047	78.51824	77.71582	64.18242	0	35.81758	22.71843	13.09915	31.98962	8
1683.14	1686.64	1325.64	79.56846	39.23945	78.45924	76.7482	65.89755	0	34.10245	17.94963	16.15282	31.56371	8
1683.145	1686.645	1325.645	75.82778	26.31744	75.03717	73.24353	69.9969	0	30.0031	4.579368	25.42374	31.28269	8
1683.15	1686.65	1325.65	74.43535	27.29216	73.98694	73.80994	68.38994	0	31.61006	16.20602	15.40403	31.09375	8
1683.155	1686.655	1325.655	74.44715	36.14819	73.98694	72.87772	66.32738	0	33.67262	19.04856	14.62406	31.41003	8
1683.16	1686.66	1325.66	75.07257	54.5704	73.55033	70.37607	69.5245	0	30.4755	15.32614	15.14936	31.33216	8
1683.165	1686.665	1325.665	73.14913	45.10169	72.57091	68.84204	66.26934	0	33.73066	8.184724	25.54594	31.78998	8
1683.17	1686.67	1325.67	82.88433	162.639	82.54212	73.65654	27.03988	9.690247	63.26987	38.29915	24.97072	29.10313	8
1683.175	1686.675	1325.675	91.98231	137.7419	91.3569	90.43648	26.88969	10.61477	62.49554	38.64627	23.84928	28.41165	8
1683.18	1686.68	1325.68	91.2153	97.19352	90.43648	89.03225	38.59692	6.876893	54.52619	27.57789	26.9483	29.31234	8
1683.185	1686.685	1325.685	74.05775	52.99692	72.74792	70.31707	69.19278	0	30.80722	17.77114	13.03608	31.2762	8
1683.19	1686.69	1325.69	72.64172	56.92365	71.7331	70.16367	66.43589	0	33.56411	11.62209	21.94202	31.33803	8
1683.195	1686.695	1325.695	74.52975	68.11901	72.97212	68.14582	67.01947	0	32.98053	11.76645	21.21408	31.81222	8
1683.2	1686.7	1325.7	80.74848	120.8931	78.97845	74.16395	50.17304	2.668198	47.15876	19.8761	27.28267	29.99833	8
1683.205	1686.705	1325.705	79.20265	160.7035	74.44715	68.19302	65.09842	0	34.90158	15.23792	19.66366	30.46046	8
1683.21	1686.71	1325.71	80.42988	171.69	76.6184	71.02508	53.9945	1.509037	44.49647	27.60333	16.89314	29.6128	8
1683.215	1686.715	1325.715	75.91038	91.54014	73.84534	72.66532	64.01381	0	35.98619	16.18836	19.79783	31.19771	8
1683.22	1686.72	1325.72	75.13157	60.44657	74.06955	73.68014	64.48156	0	35.51844	23.18846	12.32998	31.30185	8
1683.225	1686.725	1325.725	78.90764	45.40803	77.97543	78.30583	63.64092	0	36.35908	8.623004	27.73607	31.48506	8
1683.23	1686.73	1325.73	76.28799	41.98259	75.09617	72.84232	68.8919	0	31.1081	24.34382	6.764274	31.28794	8
1683.235	1686.735	1325.735	73.60934	53.7767	71.7213	69.78606	73.89775	0	26.10225	21.13028	4.97197	30.96116	8
1683.24	1686.74	1325.74	77.05501	58.24649	75.92218	75.11977	63.79312	0	36.20688	16.71969	19.48719	31.45985	8
1683.245	1686.745	1325.745	78.56544	53.80455	78.44744	78.44744	55.61362	1.557293	42.82909	29.15818	13.67091	30.98881	8
1683.25	1686.75	1325.75	85.36238	75.23446	84.08795	80.08767	53.13668	1.741954	45.12137	18.76507	26.3563	31.39478	8
1683.255	1686.755	1325.755	82.75452	66.53161	81.30309	78.82504	59.01377	0.10884	40.87739	21.28727	19.59012	32.06771	8
1683.26	1686.76	1325.76	81.05529	45.33841	80.35907	79.80446	59.8529	0.274578	39.87252	19.27291	20.59962	32.12712	8
1683.265	1686.765	1325.765	78.94305	36.76087	78.28223	77.79842	63.59757	0	36.40243	16.44324	19.95918	31.8565	8
1683.27	1686.77	1325.77	81.4919	65.54296	80.74848	80.20567	54.92753	1.630522	43.44195	30.21267	13.22929	30.9356	8
1683.275	1686.775	1325.775	79.04925	29.13021	78.64804	77.99903	63.33455	0	36.66545	13.98027	22.68518	32.14343	8
1683.28	1686.78	1325.78	79.19085	54.4033	77.84562	77.58602	64.40433	0	35.59567	22.87744	12.71822	31.22191	8
1683.285	1686.785	1325.785	76.5122	54.25013	75.11977	72.91312	67.27157	0	32.72843	21.96081	10.76762	31.30637	8
1683.29	1686.79	1325.79	72.77152	34.39369	72.12251	69.19605	69.75678	0	30.24322	23.95546	6.287753	31.38468	8
1683.295	1686.795	1325.795	67.67381	39.30907	66.72979	63.88594	75.54345	0	24.45655	20.55297	3.903578	31.19777	8
1683.3	1686.8	1325.8	75.14337	42.3307	75.14337	75.24957	60.62407	0.082214	39.29371	10.94127	28.35244	31.85864	8
1683.305	1686.805	1325.805	67.94522	84.11834	67.1074	67.99242	63.62684	0.198204	36.17495	15.80089	20.37407	30.84938	8
1683.31	1686.81	1325.81	71.40269	66.00247	70.02206	68.12222	69.0368	0	30.9632	7.335436	23.62777	31.26423	8
1683.315	1686.815	1325.815	70.47047	68.80131	69.40845	68.34643	66.74792	0	33.25208	21.66944	11.58264	31.2381	8
1683.32	1686.82	1325.82	72.0753	33.86456	71.6387	70.81268	68.87922	0	31.12078	13.43	17.69078	31.02241	8
1683.325	1686.825	1325.825	69.98666	61.21242	68.35823	64.60575	73.41923	0	26.58077	14.30876	12.27201	31.54326	8
1683.33	1686.83	1325.83	80.39448	73.14578	80.87829	80.31187	44.58628	4.982682	50.43104	26.19719	24.23386	29.48473	8
1683.335	1686.835	1325.835	85.09097	93.71237	83.67494	77.68042	50.01214	2.498395	47.48947	18.50999	28.97948	31.00781	8
1683.34	1686.84	1325.84	84.51276	57.18822	84.32396	82.93153	49.87194	3.617089	46.51097	31.82278	14.68819	30.66156	8
1683.345	1686.845	1325.845	81.5155	45.60297	81.3857	81.05529	54.97579	1.913762	43.11045	28.87699	14.23345	31.25335	8
1683.35	1686.85	1325.85	76.583	38.39005	76.35879	76.6774	61.99084	0	38.00916	18.0201	19.98906	31.8737	8
1683.355	1686.855	1325.855	77.17301	46.54985	76.819	75.36757	60.47933	0.161633	39.35904	20.84637	18.51267	32.14969	8
1683.36	1686.86	1325.86	83.76934	65.76576	83.56874	81.97571	48.57157	3.877677	47.55075	15.05221	32.49854	30.36421	8
1683.365	1686.865	1325.865	84.51276	78.32572	83.36814	79.32065	52.16427	2.140358	45.69537	32.30044	13.39493	31.14752	8
1683.37	1686.87	1325.87	81.5627	73.92555	80.78388	78.14063	53.10816	2.122467	44.76938	27.42694	17.34244	30.90341	8
1683.375	1686.875	1325.875	77.98723	94.93773	77.33821	73.95154	50.30667	2.98441	46.70892	32.76358	13.94534	30.0511	8
1683.38	1686.88	1325.88	63.54373	85.3437	63.02452	58.61123	64.91048	0.122049	34.96748	8.979681	25.9878	31.7304	8
1683.385	1686.885	1325.885	57.85601	63.80239	55.81457	53.38372	87.15347	0	12.84653	6.572656	6.273879	33.10395	8
1683.39	1686.89	1325.89	60.13346	81.93218	59.36644	54.44574	70.794	0	29.206	5.681354	23.52464	31.93675	8
1683.395	1686.895	1325.895	63.47293	83.36641	62.62331	61.18368	68.01477	0	31.98523	19.53713	12.4481	31.34407	8
1683.4	1686.9	1325.9	64.23994	81.11063	62.80031	60.91228	72.42761	0	27.57239	18.72149	8.8509	31.56784	8
1683.405	1686.905	1325.905	66.48199	76.20918	66.35219	66.9068	61.39992	0.367605	38.23248	9.929942	28.30254	30.60207	8
1683.41	1686.91	1325.91	56.86479	42.48387	57.4194	57.4784	73.10506	0	26.89494	12.82631	14.06863	29.77435	8
1683.415	1686.915	1325.915	56.69959	38.45967	55.83817	53.12412	85.20513	0	14.79487	14.50546	0.289415	31.88919	8
1683.42	1686.92	1325.92	62.46991	62.45171	62.62331	63.57913	66.2255	0	33.7745	18.52939	15.24511	30.336	8
1683.425	1686.925	1325.925	61.32528	112.3852	62.38731	56.48718	48.15285	3.278773	48.56838	27.61281	20.95557	28.90496	8
1683.43	1686.93	1325.93	59.21304	37.26216	58.91803	55.95617	78.79286	0	21.20714	21.20714	0	31.02759	8
1683.435	1686.935	1325.935	58.17462	18.43613	57.96221	57.93861	83.66394	0	16.33606	14.17517	2.160889	30.56498	8
1683.44	1686.94	1325.94	58.44602	18.00447	58.24542	57.54921	83.42726	0	16.57274	11.11705	5.455689	30.65756	8
1683.445	1686.945	1325.945	56.55799	26.59593	56.77039	56.43998	79.8843	0	20.1157	20.1157	0	30.14467	8
1683.45	1686.95	1325.95	56.45178	12.53212	56.42818	56.86479	85.21449	0	14.78551	4.045245	10.74026	30.43011	8
1683.455	1686.955	1325.955	54.57554	26.05287	54.26874	54.82335	85.86345	0	14.13655	4.806157	9.330391	30.85383	8
1683.46	1686.96	1325.96	57.76161	28.29473	57.4548	55.95617	82.38974	0	17.61026	17.32973	0.280527	30.9021	8
1683.465	1686.965	1325.965	63.22512	28.80994	62.63511	61.73829	79.43348	0	20.56652	6.140807	14.42572	30.75639	8
1683.47	1686.97	1325.97	69.85686	49.25121	69.44385	68.52343	67.01371	0	32.98629	9.062038	23.92425	31.06082	8
1683.475	1686.975	1325.975	75.00176	98.47458	74.62416	76.32339	50.09399	3.104929	46.80108	16.94104	29.86004	28.82672	8

1683.48	1686.98	1325.98	73.85714	150.1487	71.7921	73.47953	51.71953	3.417879	44.86259	23.16331	21.69928	27.7885	8
1683.485	1686.985	1325.985	74.42355	151.2487	73.14913	72.19331	44.80495	4.908209	50.28684	17.66665	32.62019	27.65761	8
1683.49	1686.99	1325.99	89.76387	86.33235	90.70789	92.89093	29.20866	12.62775	58.16359	28.88922	29.27436	28.23914	8
1683.495	1686.995	1325.995	88.40684	90.07806	88.27704	89.23286	37.87279	7.727835	54.39938	32.46042	21.93896	28.76177	8
1683.5	1687	1326	88.21804	186.0184	85.10277	85.20897	37.96626	3.698987	58.33475	26.80207	31.53268	27.66961	8
1683.505	1687.005	1326.005	80.70128	85.48295	79.33245	75.57998	55.67636	1.234854	43.08878	27.37016	15.71862	31.22727	8
1683.51	1687.01	1326.01	68.67683	50.76899	67.78002	66.43479	71.48156	0	28.51844	18.07515	10.44329	30.99645	8
1683.515	1687.015	1326.015	62.89472	21.48562	63.26052	62.96552	74.10233	0	25.89767	9.081281	16.81638	30.02043	8
1683.52	1687.02	1326.02	62.95372	26.81873	62.62331	60.53467	78.1531	0	21.8469	6.291982	15.55492	30.78839	8
1683.525	1687.025	1326.025	62.88292	39.22552	61.17188	60.19246	85.91566	0	14.08434	14.08434	0	31.86183	8
1683.53	1687.03	1326.03	65.54977	26.81873	64.79455	63.83874	79.057	0	20.943	18.2481	2.694904	30.80131	8
1683.535	1687.035	1326.035	65.29017	25.53767	63.90954	63.14252	84.4528	0	15.5472	15.5472	0	31.3012	8
1683.54	1687.04	1326.04	64.94796	29.75681	63.76793	62.87112	82.19192	0	17.80808	14.45643	3.351653	31.1341	8
1683.545	1687.045	1326.045	68.18122	23.86672	67.66201	66.57639	75.52141	0	24.47859	11.98433	12.49426	30.70497	8
1683.55	1687.05	1326.05	70.45867	25.39842	70.43507	71.43809	69.21451	0	30.78549	15.64416	15.14133	30.53752	8
1683.555	1687.055	1326.055	69.73886	50.95001	69.69166	70.67108	63.87616	0	36.12384	20.40475	15.71909	30.90163	8
1683.56	1687.06	1326.06	73.20813	23.88064	73.10193	73.97514	67.69247	0	32.30753	24.35373	7.953793	30.9039	8
1683.565	1687.065	1326.065	76.5122	42.48387	75.37937	73.25533	68.10706	0	31.89294	21.32818	10.56475	31.33919	8
1683.57	1687.07	1326.07	78.40023	45.36626	78.04623	75.92218	59.63671	0.399391	39.9639	12.46983	27.49408	32.21298	8
1683.575	1687.075	1326.075	82.27071	62.85552	82.47132	80.64228	47.54523	4.270586	48.18419	22.41206	25.77213	30.26338	8
1683.58	1687.08	1326.08	89.77567	97.19352	90.04707	91.56931	31.78216	10.5366	57.68124	41.557	16.12424	28.32533	8
1683.585	1687.085	1326.085	92.32452	77.55987	92.63133	94.29516	33.9142	11.0058	55.08	31.60327	23.47673	28.60795	8
1683.59	1687.09	1326.09	88.93785	101.538	88.12363	87.91123	39.91517	6.141786	53.94305	22.54586	31.39718	29.02054	8
1683.595	1687.095	1326.095	83.87555	87.7805	82.80173	81.05529	49.91374	2.830114	47.25615	28.78804	18.46811	30.21518	8
1683.6	1687.1	1326.1	75.43837	43.69531	75.17877	75.08437	62.03437	0	37.96563	25.54944	12.41619	31.78161	8
1683.605	1687.105	1326.105	75.72158	34.57471	75.80418	76.05199	61.3289	0	38.6711	23.21765	15.45344	31.98761	8
1683.61	1687.11	1326.11	72.84232	26.0668	72.86592	72.92492	66.494	0	33.506	14.61097	18.89503	31.12203	8
1683.615	1687.115	1326.115	73.32613	44.07127	72.42931	71.7095	68.82506	0	31.17494	6.840036	24.33491	31.02478	8
1683.62	1687.12	1326.12	84.87857	263.6896	83.12033	79.04925	11.72516	12.91676	75.35808	58.94144	16.41664	27.93646	8
1683.625	1687.125	1326.125	93.81135	159.6174	95.30998	95.10938	3.451764	23.84159	72.70665	72.70665	0	-9999	8
1683.63	1687.13	1326.13	98.20104	101.2177	98.76745	98.81465	20.77066	18.95806	60.27128	44.15518	16.1161	28.43584	8
1683.635	1687.135	1326.135	87.91123	93.97694	88.66645	89.78747	30.52633	11.10113	58.37254	27.744	30.62854	28.36314	8
1683.64	1687.14	1326.14	73.72734	50.42088	73.96334	74.43535	58.13996	0.705941	41.1541	11.83267	29.32143	31.10725	8
1683.645	1687.145	1326.145	66.8124	50.17023	65.64417	64.42875	75.44513	0	24.55487	17.17905	7.375817	31.03184	8
1683.65	1687.15	1326.15	65.27836	50.08669	64.86536	65.04236	71.02374	0	28.97626	12.80232	16.17394	30.5502	8
1683.655	1687.155	1326.155	66.36399	53.28934	65.83298	63.55553	70.16445	0	29.83555	9.504814	20.33074	31.10219	8
1683.66	1687.16	1326.16	73.05472	111.313	72.33491	66.9186	51.43046	2.968399	45.60114	21.92207	23.67907	29.88035	8
1683.665	1687.165	1326.165	89.62227	139.8863	90.15328	93.37474	19.57971	14.40075	66.01954	34.35306	31.66648	27.71487	8
1683.67	1687.17	1326.17	98.97986	229.9782	102.1423	101.9535	0	46.9088	53.0912	53.0912	0	-9999	8
1683.675	1687.175	1326.175	90.38928	156.6097	86.89641	84.55996	46.01208	0.26697	53.72095	16.78499	36.93596	29.48024	8
1683.68	1687.18	1326.18	81.6807	89.98059	82.73092	77.33821	34.93923	8.257751	56.80301	33.53179	23.27122	29.58468	8
1683.685	1687.185	1326.185	75.62718	50.44873	75.22597	73.76274	61.32377	0	38.67623	6.528343	32.14789	32.07418	8
1683.69	1687.19	1326.19	78.14063	36.90012	78.03443	77.63322	60.00386	0.318508	39.67763	27.36945	12.30818	32.11131	8
1683.695	1687.195	1326.195	79.35605	51.78548	79.39145	79.55666	54.18599	2.031426	43.78259	17.47271	26.30987	30.81656	8
1683.7	1687.2	1326.2	74.54156	48.45751	74.91916	76.27619	56.76859	1.068021	42.16339	15.01771	27.14568	30.80995	8
1683.705	1687.205	1326.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1684.005	1687.505	1326.505	85.76359	38.51537	86.02319	85.97599	49.76484	4.359039	45.87612	22.96352	22.9126	30.71133	8
1684.01	1687.51	1326.51	86.87281	52.39817	87.10881	85.72819	45.56762	5.768241	48.66414	24.22087	24.44327	30.28114	8
1684.015	1687.515	1326.515	85.46858	59.08196	85.51578	85.57478	46.70526	4.899313	48.39542	29.22771	19.16771	30.00615	8
1684.02	1687.52	1326.52	86.73121	64.49862	86.625	86.93181	45.42169	5.308189	49.27012	18.99979	30.27033	29.79309	8
1684.025	1687.525	1326.525	86.4716	56.12995	86.3772	85.91699	47.59429	4.668489	47.73722	18.08494	29.65228	30.29132	8
1684.03	1687.53	1326.53	86.14119	36.32921	86.212	86.389	51.40972	3.74893	44.84135	14.10281	30.73854	30.95193	8
1684.035	1687.535	1326.535	85.89339	30.21632	86.03499	86.2356	52.56831	3.461336	43.97035	32.11423	11.85613	31.1998	8
1684.04	1687.54	1326.54	87.33302	33.89241	87.26222	86.6132	52.00037	3.643255	44.35637	31.37805	12.97832	31.27448	8
1684.045	1687.545	1326.545	89.56326	56.00463	89.33906	87.54542	45.78626	5.623894	48.58984	30.12771	18.46213	30.43995	8
1684.05	1687.55	1326.55	90.36568	60.48834	89.94087	88.69005	45.51766	5.498941	48.9834	33.78756	15.19584	30.29533	8
1684.055	1687.555	1326.555	92.98533	64.63787	92.58413	91.67551	41.92049	7.207678	50.87183	33.46353	17.4083	29.87741	8
1684.06	1687.56	1326.56	88.61924	55.50335	88.20624	86.16479	48.2393	4.419671	47.34103	15.61388	31.72715	30.77167	8
1684.065	1687.565	1326.565	87.08521	44.85105	86.90821	85.91699	50.39943	3.890808	45.70976	31.9536	13.75616	30.94416	8
1684.07	1687.57	1326.57	89.68127	65.04168	89.55146	88.41864	42.75912	6.672644	50.56824	16.57187	33.99637	29.88077	8
1684.075	1687.575	1326.575	89.98807	123.8034	89.64587	85.10277	29.90266	9.931207	60.16613	27.9558	32.21033	29.141	8
1684.08	1687.58	1326.58	84.93757	97.93152	83.07313	78.67164	52.60741	1.426123	45.96647	15.58806	30.37841	30.99327	8
1684.085	1687.585	1326.585	80.85468	44.0852	79.72186	77.70402	63.72445	0	36.27555	20.31793	15.95761	31.86175	8
1684.09	1687.59	1326.59	81.20869	29.86821	80.40628	79.48586	64.27862	0	35.72138	8.222131	27.49924	31.99423	8
1684.095	1687.595	1326.595	82.97873	36.98366	82.61292	81.5391	57.54453	1.172829	41.28264	21.50732	19.77532	32.04297	8
1684.1	1687.6	1326.6	81.4093	38.87741	81.86951	82.64832	52.12849	3.023353	44.84816	15.21722	29.63094	30.72318	8
1684.105	1687.605	1326.605	81.30309	30.829	81.4919	81.97571	56.2773	1.697775	42.02492	19.1847	22.84022	31.55441	8
1684.11	1687.61	1326.61	83.61594	19.22983	83.50974	84.04075	59.24278	0.96096	39.79626	21.40864	18.38762	32.38286	8
1684.115	1687.615	1326.615	86.97901	21.47169	86.73121	86.18839	56.70365	2.016893	41.27946	21.39232	19.88714	32.21655	8
1684.12	1687.62	1326.62	90.30668	35.15955	89.75207	87.60442	52.70748	3.230079	44.06244	20.76877	23.29367	31.78626	8
1684.125	1687.625	1326.625	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1684.13	1687.63	1326.63	79.19085	48.7917	78.17603	77.97543	63.20169	0	36.79831	11.2766	25.52171	31.57334	8
1684.135	1687.635	1326.635	80.93729	37.44318	81.5863	81.3621	51.44659	3.240439	45.31297	29.35652	15.95645	30.82007	8

1684.14	1687.64	1326.64	79.61566	40.33949	81.13789	82.51852	45.19415	5.145389	49.66047	28.66455	20.99592	29.72313	8
1684.145	1687.645	1326.645	79.54486	53.87417	81.17329	83.48614	41.16082	6.30363	52.53555	25.80025	26.7353	28.99888	8
1684.15	1687.65	1326.65	77.90462	39.8382	77.90462	79.13185	58.6869	0.687504	40.6256	21.65749	18.9681	31.499	8
1684.155	1687.655	1326.655	77.24381	29.95176	77.77482	79.03745	57.57203	1.000173	41.42779	11.00062	30.42717	31.46198	8
1684.16	1687.66	1326.66	77.18481	41.09141	78.43564	79.46226	49.35195	3.370056	47.27799	33.21546	14.06253	30.13296	8
1684.165	1687.665	1326.665	75.99299	38.3065	76.35879	77.51522	57.98127	0.794519	41.22421	25.9801	15.24411	31.32339	8
1684.17	1687.67	1326.67	71.8393	68.4532	73.88074	76.31159	41.521	4.631413	53.84759	35.52065	18.32694	28.50512	8
1684.175	1687.675	1326.675	67.013	77.42062	66.69439	60.92408	62.08145	0.291695	37.62686	17.04724	20.57962	31.8875	8
1684.18	1687.68	1326.68	67.30801	98.66952	65.60877	60.20426	67.36768	0.027168	32.60515	6.374263	26.23089	32.34552	8
1684.185	1687.685	1326.685	65.90378	60.92	65.23116	62.45811	69.83864	0	30.16136	20.29324	9.868119	31.28382	8
1684.19	1687.69	1326.69	63.63813	38.05586	62.77671	61.69109	78.91939	0	21.08061	12.23456	8.84605	30.95529	8
1684.195	1687.695	1326.695	65.36097	33.04301	66.06898	63.53193	66.38439	0	33.61561	15.15753	18.45809	30.75902	8
1684.2	1687.7	1326.7	64.28714	24.66042	64.95976	65.57337	69.67525	0	30.32475	13.60769	16.71706	29.9	8
1684.205	1687.705	1326.705	63.93314	24.84144	64.45235	66.13978	71.146	0	28.854	13.2523	15.6017	29.69541	8
1684.21	1687.71	1326.71	64.02754	27.38963	64.62935	65.91558	69.80233	0	30.19767	13.43644	16.76123	29.79306	8
1684.215	1687.715	1326.715	65.03056	63.89986	65.88018	65.80938	58.12358	0.49347	41.38295	24.32637	17.05657	30.39986	8
1684.22	1687.72	1326.72	59.61425	61.0314	59.95646	58.12742	67.73319	0	32.26681	21.06971	11.1971	30.56785	8
1684.225	1687.725	1326.725	60.27506	69.59501	60.16886	60.84147	68.52802	0	31.47198	8.912912	22.55907	30.43405	8
1684.23	1687.73	1326.73	59.96826	26.1782	60.02726	60.55827	78.03682	0	21.96318	7.862873	14.10031	30.03449	8
1684.235	1687.735	1326.735	61.60849	54.30583	61.34888	60.14526	72.19012	0	27.80988	15.30459	12.50529	30.69412	8
1684.24	1687.74	1326.74	63.68533	204.8165	60.09806	60.35766	59.64526	5.131205	35.22353	24.22319	11.00034	26.83139	8
1684.245	1687.745	1326.745	62.78851	121.1438	62.0215	61.04208	58.86214	2.196721	38.94113	13.30797	25.63317	29.07084	8
1684.25	1687.75	1326.75	62.42271	50.08669	62.78851	61.71469	67.61512	0	32.38488	8.301396	24.08348	30.44993	8
1684.255	1687.755	1326.755	61.57309	43.82063	61.19548	60.14526	75.67463	0	24.32537	10.06994	14.25544	30.66999	8
1684.26	1687.76	1326.76	60.77067	42.58134	60.58187	59.13044	75.24953	0	24.75047	4.531258	20.21922	30.61671	8
1684.265	1687.765	1326.765	59.10684	58.07939	59.59065	59.98006	67.81697	0	32.18303	13.97646	18.20657	30.02693	8
1684.27	1687.77	1326.77	60.99488	46.07641	61.04208	61.37248	72.36841	0	27.63159	18.02598	9.605608	30.1675	8
1684.275	1687.775	1326.775	62.3165	32.88984	62.59971	62.3637	72.51463	0	27.48537	9.684927	17.80044	30.09422	8
1684.28	1687.78	1326.78	61.23088	55.33625	61.57309	59.98006	67.62411	0	32.37589	5.805504	26.57038	30.54046	8
1684.285	1687.785	1326.785	60.55827	97.41631	60.01546	55.88537	64.91843	0.587723	34.49384	17.11711	17.37673	31.14434	8
1684.29	1687.79	1326.79	47.7196	66.32274	47.6488	47.14139	80.59657	0	19.40343	15.24601	4.157416	31.05194	1
1684.295	1687.795	1326.795	45.70176	28.53145	45.72536	46.83459	90.86686	0	9.133136	9.133136	0	31.35987	1
1684.3	1687.8	1326.8	52.64031	89.28436	50.70507	45.54836	84.96221	0	15.03779	10.86614	4.171651	34.02987	1
1684.305	1687.805	1326.805	55.05935	143.1446	52.07389	47.7668	77.84172	1.579179	20.5791	14.00339	6.575705	32.46165	1
1684.31	1687.81	1326.81	47.22399	49.11197	46.46878	43.62492	90.52175	0	9.47825	3.013693	6.464557	33.02496	1
1684.315	1687.815	1326.815	50.10325	40.35341	50.03245	47.4364	84.68819	0	15.31181	4.247799	11.06401	31.38632	1
1684.32	1687.82	1326.82	51.20068	56.96543	50.56346	44.10873	84.04815	0	15.95185	15.95185	0	32.71507	1
1684.325	1687.825	1326.825	50.90567	60.08453	50.91747	43.90813	78.53488	0	21.46512	15.37803	6.087089	31.87195	1
1684.33	1687.83	1326.83	49.43064	59.3326	48.39222	48.02641	88.21309	0	11.78691	11.78691	0	32.54018	1
1684.335	1687.835	1326.835	46.83459	32.17969	47.14139	47.6488	86.74695	0	13.25305	13.25305	0	30.66095	1
1684.34	1687.84	1326.84	47.24759	19.78682	47.3302	47.09419	91.10364	0	8.89636	3.446723	5.449636	31.41426	1
1684.345	1687.845	1326.845	48.91143	37.61027	49.34804	50.33926	82.51608	0	17.48392	17.06053	0.423387	30.04809	1
1684.35	1687.85	1326.85	47.88481	35.73045	47.28299	46.03217	91.96325	0	8.036746	8.036746	0	32.58049	1
1684.355	1687.855	1326.855	48.78163	54.18051	48.97043	48.82883	80.54599	0	19.45401	14.14306	5.310946	30.54567	1
1684.36	1687.86	1326.86	46.61038	53.67923	47.03519	45.59556	80.83581	0	19.16419	10.83144	8.332753	30.62485	1
1684.365	1687.865	1326.865	49.02943	36.00894	48.17981	44.92295	92.76329	0	7.236706	6.232218	1.004488	33.25747	1
1684.37	1687.87	1326.87	46.95259	33.33543	46.37438	46.79919	93.21759	0	6.782412	6.782412	0	32.45948	1
1684.375	1687.875	1326.875	49.56044	32.70882	48.72262	47.2948	92.98194	0	7.018058	7.018058	0	32.87176	1
1684.38	1687.88	1326.88	54.28054	22.32109	54.15074	52.5577	85.66617	0	14.33383	14.33383	0	31.04563	1
1684.385	1687.885	1326.885	54.22154	26.8048	54.10354	53.66693	84.54394	0	15.45606	15.45606	0	30.7649	1
1684.39	1687.89	1326.89	55.02395	31.55308	54.63455	54.04453	84.76003	0	15.23997	5.146026	10.09395	31.06458	1
1684.395	1687.895	1326.895	60.48747	54.11089	59.16584	57.59641	81.49931	0	18.50069	5.391073	13.10962	31.67251	1
1684.4	1687.9	1326.9	69.76246	56.03248	69.65625	67.30801	63.08175	0	36.91825	11.69143	25.22683	31.59763	1
1684.405	1687.905	1326.905	67.2254	84.03479	65.63237	63.94494	70.16221	0	29.83779	15.63001	14.20778	31.47686	1
1684.41	1687.91	1326.91	64.09834	59.73642	62.87112	60.81787	76.08431	0	23.91569	21.84032	2.075373	31.36526	1
1684.415	1687.915	1326.915	62.89472	41.95474	61.50229	59.83845	82.77514	0	17.22486	10.93711	6.28775	31.58442	8
1684.42	1687.92	1326.92	63.62633	15.97148	63.37853	63.07172	79.51917	0	20.48083	6.536952	13.94388	30.39807	8
1684.425	1687.925	1326.925	69.29045	30.92648	69.05444	69.88046	70.59762	0	29.40238	16.77782	12.62456	30.45141	8
1684.43	1687.93	1326.93	74.75396	62.38208	73.88074	72.0753	62.89733	0	37.10267	19.16939	17.93328	31.74488	8
1684.435	1687.935	1326.935	79.85166	71.86472	78.65984	75.63898	58.38185	0.584521	41.03363	11.38629	29.64734	31.7305	8
1684.44	1687.94	1326.94	84.91397	76.02817	84.46556	88.51304	46.9555	4.227321	48.81717	22.85649	25.96069	29.02392	8
1684.445	1687.945	1326.945	87.32122	81.98788	87.58082	89.96447	37.81147	8.083881	54.10465	27.49119	26.61346	28.54241	8
1684.45	1687.95	1326.95	83.29734	83.67276	83.39174	81.33849	42.38603	5.782411	51.83156	27.68837	24.14319	29.51201	8
1684.455	1687.955	1326.955	79.45046	111.8839	78.69524	74.69496	45.68259	4.225622	50.09179	16.6984	33.39339	29.44427	8
1684.46	1687.96	1326.96	74.45895	35.71653	74.47075	74.30555	62.76291	0	37.23709	7.371243	29.86585	31.68712	8
1684.465	1687.965	1326.965	73.18453	20.90078	73.64474	74.24655	64.04562	0	35.95438	24.36959	11.58479	31.35255	8
1684.47	1687.97	1326.97	72.78332	22.76668	73.16093	74.09315	64.60335	0	35.39665	20.47937	14.91728	31.16028	8
1684.475	1687.975	1326.975	66.9304	41.10534	66.50559	65.18396	71.76881	0	28.23119	8.192341	20.03885	30.79613	8
1684.48	1687.98	1326.98	61.08928	43.8624	61.34888	59.24844	71.17122	0	28.82878	22.47524	6.35354	30.49352	8
1684.485	1687.985	1326.985	56.95919	23.22619	57.1362	57.62001	80.60503	0	19.39497	5.610668	13.78431	30.02242	8
1684.49	1687.99	1326.99	57.384	23.33758	57.73801	58.72923	78.81547	0	21.18453	19.28949	1.895041	29.71692	8
1684.495	1687.995	1326.995	54.87055	17.2247	54.96495	55.88537	84.6191	0	15.3809	14.55952	0.821375	30.24225	8
1684.5	1688	1327	56.54619	43.44467	56.09778	56.48718	80.93907	0	19.06093	14.73238	4.328551	30.71717	8

1684.505	1688.005	1327.005	57.76161	34.2266	57.3722	56.80579	81.59439	0	18.40561	14.50258	3.903028	30.78031	8
1684.51	1688.01	1327.01	57.148	27.7656	57.54921	57.3486	77.5952	0	22.4048	17.44076	4.964035	29.88967	8
1684.515	1688.015	1327.015	56.81759	34.25445	56.51078	56.58159	81.81599	0	18.18401	18.18401	0	30.6329	8
1684.52	1688.02	1327.02	60.28686	36.27351	59.23664	57.4784	83.89711	0	16.10289	16.10289	0	31.55701	8
1684.525	1688.025	1327.025	62.2339	84.10442	60.52287	56.80579	75.65206	0	24.34794	9.196314	15.15162	32.20826	8
1684.53	1688.03	1327.03	55.38976	26.55416	54.79975	53.18312	87.18791	0	12.81209	12.81209	0	31.59186	8
1684.535	1688.035	1327.035	62.2929	17.86523	62.1749	61.9389	79.28166	0	20.71834	3.922709	16.79563	30.29894	8
1684.54	1688.04	1327.04	69.04264	23.18441	69.12524	68.73584	70.22998	0	29.77002	8.899159	20.87086	30.60804	8
1684.545	1688.045	1327.045	69.82146	30.8847	69.76246	69.66806	68.74742	0	31.25258	9.392278	21.8603	30.71783	8
1684.55	1688.05	1327.05	70.49407	41.30028	70.36427	69.97486	66.15676	0	33.84324	20.17673	13.66651	31.00943	8
1684.555	1688.055	1327.055	69.21965	46.68909	68.42903	67.23721	71.14644	0	28.85356	24.26726	4.586296	30.93561	8
1684.56	1688.06	1327.06	69.79786	32.49995	70.11646	70.57667	65.45178	0	34.54822	5.783452	28.76477	30.7983	8
1684.565	1688.065	1327.065	71.53249	30.57836	71.6859	72.0045	65.60127	0	34.39873	14.49196	19.90677	31.00309	8
1684.57	1688.07	1327.07	73.12553	36.45453	73.05472	72.0871	64.45123	0	35.54877	7.141986	28.40678	31.49086	8
1684.575	1688.075	1327.075	74.57696	37.80521	74.42355	73.82174	63.42921	0	36.57079	16.3187	20.25209	31.66165	8
1684.58	1688.08	1327.08	78.63624	49.76642	77.78662	76.40599	62.19572	0	37.80428	23.02853	14.77575	31.97682	8
1684.585	1688.085	1327.085	82.75452	88.69953	81.7751	82.56572	49.99106	2.882709	47.12623	23.50646	23.61977	29.65688	8
1684.59	1688.09	1327.09	76.7482	67.6038	76.22899	75.94578	57.05542	1.132998	41.81158	29.31107	12.50051	30.87677	8
1684.595	1688.095	1327.095	73.63294	36.87227	74.25835	74.82476	58.48766	0.491704	41.02064	17.9591	23.06154	31.42635	8
1684.6	1688.1	1327.1	67.81542	32.19361	68.26383	69.71526	66.34379	0	33.65621	23.60182	10.05439	30.32717	8
1684.605	1688.105	1327.105	76.05199	53.6096	75.78058	74.93096	59.16204	0.531843	40.30612	10.79748	29.50864	31.57963	8
1684.61	1688.11	1327.11	83.93455	97.30491	84.22955	87.46282	36.94613	7.583938	55.46993	31.596	23.87394	28.01169	8
1684.615	1688.115	1327.115	75.48557	103.933	75.72158	68.40543	43.57245	4.805269	51.62228	32.6335	18.98878	29.81929	8
1684.62	1688.12	1327.12	72.0635	72.82551	71.8983	70.50587	57.35813	1.117652	41.52422	25.30186	16.22235	30.72583	8
1684.625	1688.125	1327.125	74.73036	68.2304	74.10495	72.94852	59.58326	0.538006	39.87873	28.75095	11.12778	31.31692	8
1684.63	1688.13	1327.13	74.27015	61.12887	75.65078	75.92218	46.17841	3.817685	50.00391	29.34602	20.65789	29.45127	8
1684.635	1688.135	1327.135	73.21993	69.44184	74.49435	75.09617	45.95594	3.782704	50.26136	16.49398	33.76738	29.15545	8
1684.64	1688.14	1327.14	72.92492	117.8715	73.01932	70.15187	43.65255	4.799129	51.54832	22.79271	28.75561	28.56307	8
1684.645	1688.145	1327.145	65.11316	103.9887	65.20756	59.70865	54.19901	2.296163	43.50483	25.20488	18.29994	29.86702	2
1684.65	1688.15	1327.15	63.81513	78.38142	62.67051	58.05662	71.19261	0	28.80739	22.8435	5.963899	31.93294	2
1684.655	1688.155	1327.155	66.58819	64.56824	66.895	68.68863	60.7356	0.161061	39.10334	8.409699	30.69364	30.54287	2
1684.66	1688.16	1327.16	64.74735	54.6818	63.68533	64.40515	75.43011	0	24.56989	6.30998	18.25991	30.71051	2
1684.665	1688.165	1327.165	62.88292	101.162	63.44933	62.0805	53.27682	2.270596	44.45258	28.43305	16.01953	28.92798	2
1684.67	1688.17	1327.17	58.23362	123.4553	56.39278	49.13563	70.81539	1.092227	28.09238	8.947299	19.14508	32.06431	2
1684.675	1688.175	1327.175	57.0536	45.17131	56.46358	54.91775	81.15183	0	18.84817	5.929141	12.91903	31.19592	2
1684.68	1688.18	1327.18	58.83543	27.08329	58.48143	56.92379	82.0608	0	17.9392	17.9392	0	30.88917	2
1684.685	1688.185	1327.185	62.58791	89.21474	63.53193	56.27478	53.51301	1.825225	44.66177	29.70833	14.95343	30.33086	2
1684.69	1688.19	1327.19	60.26326	93.53135	58.61123	57.1362	74.72647	0	25.27353	15.67974	9.593788	31.96199	2
1684.695	1688.195	1327.195	58.26902	125.7389	57.4902	56.78219	61.99951	2.088822	35.91166	27.47423	8.437439	29.06184	2
1684.7	1688.2	1327.2	54.85875	91.24772	53.45452	50.51626	78.33077	0	21.66923	17.89309	3.776137	32.5144	2
1684.705	1688.205	1327.205	60.35766	33.61392	59.92105	57.65541	79.7201	0	20.2799	5.44303	14.83687	30.98065	2
1684.71	1688.21	1327.21	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1685.04	1688.54	1327.54	109.3051	13.89672	109.1399	108.7151	37.35666	19.98628	42.65707	25.61956	17.03751	28.88599	8
1685.045	1688.545	1327.545	104.8682	79.14727	103.5584	103.582	34.5188	9.421713	56.05949	27.83264	28.22685	29.39504	8
1685.05	1688.55	1327.55	101.0213	132.9379	97.82343	94.12996	39.67289	0	60.32711	26.15935	34.16776	29.03886	8
1685.055	1688.555	1327.555	97.79983	194.4288	93.81135	88.53664	33.88312	0	66.11688	38.58928	27.5276	28.69984	8
1685.06	1688.56	1327.56	88.10003	62.6188	87.09701	82.91973	51.56763	2.537853	45.89452	19.8898	26.00472	31.53021	8
1685.065	1688.565	1327.565	85.07917	42.10791	84.61896	84.18235	55.10367	1.95929	42.93704	19.27069	23.66635	31.52036	8
1685.07	1688.57	1327.57	86.99081	38.05586	86.83741	85.14997	51.94781	3.473596	44.57859	23.44475	21.13384	31.38208	8
1685.075	1688.575	1327.575	92.58413	48.38789	92.48972	94.23616	43.84435	7.320176	48.83547	18.65194	30.18354	29.70421	8
1685.08	1688.58	1327.58	95.79379	61.56053	94.95597	93.23314	43.46515	6.298228	50.23663	16.69684	33.53978	30.35542	8
1685.085	1688.585	1327.585	97.30422	52.06398	96.63161	94.99138	43.09339	7.399924	49.50669	20.07729	29.4294	30.37952	8
1685.09	1688.59	1327.59	96.61981	39.46224	96.3366	94.34236	43.75476	8.336808	47.90843	16.3068	31.60163	30.53363	8
1685.095	1688.595	1327.595	95.02678	34.79751	94.96778	93.32754	44.61163	8.156028	47.23234	20.65669	26.57565	30.56653	8
1685.1	1688.6	1327.6	92.34812	31.92904	92.71393	92.87913	44.47789	8.220772	47.30134	18.06992	29.23142	30.1809	8
1685.105	1688.605	1327.605	93.45734	39.47616	93.45734	93.44554	44.46601	7.719142	47.81485	16.12024	31.6946	30.18816	8
1685.11	1688.61	1327.61	94.07096	33.3772	93.72875	93.50454	48.02954	5.995821	45.97464	26.35986	19.61478	30.80959	8
1685.115	1688.615	1327.615	100.9977	74.34329	100.0065	96.67881	36.773	9.125999	54.101	37.52203	16.57897	30.0477	8
1685.12	1688.62	1327.62	109.6591	117.3981	109.9895	107.1338	8.142664	32.95073	58.90661	47.81906	11.08755	28.56762	8
1685.125	1688.625	1327.625	108.9511	103.1532	108.8095	103.641	15.89936	25.78614	58.3145	32.75501	25.55949	29.00231	8
1685.13	1688.63	1327.63	105.3756	101.0785	105.2222	100.3841	19.78234	21.15059	59.06707	36.42841	22.63865	29.19098	8
1685.135	1688.635	1327.635	103.3931	142.4623	103.5584	102.7205	9.122101	24.40946	66.46844	52.23082	14.23761	28.94795	8
1685.14	1688.64	1327.64	103.3577	93.7263	103.4876	102.4137	21.22314	20.79212	57.98474	36.48564	21.4991	28.4975	8
1685.145	1688.645	1327.645	102.2603	72.60272	102.0361	100.8207	30.08823	15.47301	54.43876	21.07814	33.36062	28.94813	8
1685.15	1688.65	1327.65	102.4373	69.60894	101.6703	99.94748	34.85667	11.36118	53.78215	22.76859	31.01356	29.54626	8
1685.155	1688.655	1327.655	96.72601	74.64963	95.56959	92.60773	41.90914	5.912637	52.17822	27.22479	24.95343	30.38848	8
1685.16	1688.66	1327.66	93.58715	56.35274	92.41892	89.40986	49.3162	3.333662	47.35014	20.63509	26.71505	31.3717	8
1685.165	1688.665	1327.665	92.96173	91.47052	91.1209	87.53362	46.60583	2.48301	50.91116	21.86895	29.0422	30.75338	8
1685.17	1688.67	1327.67	99.20406	128.7884	98.24824	92.51332	24.97308	11.98319	63.04373	43.51146	19.53227	29.64222	8
1685.175	1688.675	1327.675	94.84977	76.90541	93.20954	91.81711	46.83891	2.894706	50.26638	19.52032	30.74606	30.64636	8
1685.18	1688.68	1327.68	93.22134	51.13103	92.69033	90.92029	45.97799	5.809161	48.21285	26.81561	21.39724	30.64539	8
1685.185	1688.685	1327.685	90.03527	42.40032	90.66069	91.2389	42.05972	8.493031	49.44725	18.58658	30.86067	29.70478	8
1685.19	1688.69	1327.69	88.83165	28.89349	88.80805	88.92605	51.46556	4.217308	44.31713	27.48092	16.83621	31.15205	8

1685.195	1688.695	1327.695	88.10003	27.8213	87.87583	89.12666	53.9528	3.027061	43.02014	17.75635	25.26379	31.34541	8
1685.2	1688.7	1327.7	87.65162	59.97313	86.3064	85.10277	55.27252	1.033737	43.69374	13.28549	30.40825	31.60161	8
1685.205	1688.705	1327.705	92.02951	186.9374	87.42742	82.05831	45.76023	0	54.23977	22.47788	31.76188	27.05319	8
1685.21	1688.71	1327.71	92.25372	134.4696	91.2035	88.79625	30.72415	8.637169	60.63868	40.46447	20.1742	28.77809	8
1685.215	1688.715	1327.715	89.37446	81.89041	90.51908	84.27676	29.08719	12.88894	58.02388	37.22886	20.79502	29.81658	4
1685.22	1688.72	1327.72	90.79049	57.56418	91.56931	92.34812	36.50639	10.72409	52.76951	30.60294	22.16658	29.05442	4
1685.225	1688.725	1327.725	93.76415	80.16376	95.20378	95.79379	23.18022	18.11211	58.70766	40.70843	17.99924	28.45051	4
1685.23	1688.73	1327.73	95.91179	169.476	98.48425	99.49907	0	33.44227	66.55773	66.55773	0	-9999	4
1685.235	1688.735	1327.735	98.40165	251.1297	101.7411	109.0809	0	48.52382	51.47618	51.47618	0	-9999	4
1685.24	1688.74	1327.74	96.95022	246.7991	98.05944	103.1099	0	30.87532	69.12468	69.12468	0	-9999	4
1685.245	1688.745	1327.745	84.72516	110.0041	85.64558	87.62802	28.2986	10.85101	60.85038	26.08706	34.76332	27.92274	4
1685.25	1688.75	1327.75	81.5981	133.4113	82.81353	86.2474	23.22466	11.62193	65.1534	39.71654	25.43686	27.39511	4
1685.255	1688.755	1327.755	80.04047	127.3124	83.17933	85.82259	11.22698	15.80234	72.97068	58.03036	14.94032	28.76458	4
1685.26	1688.76	1327.76	79.42686	144.1332	83.76934	88.00563	0	20.01273	79.98727	79.98727	0	-9999	4
1685.265	1688.765	1327.765	79.19085	127.939	80.08767	77.33821	29.23284	9.240234	61.52692	42.85036	18.67656	28.33662	4
1685.27	1688.77	1327.77	76.8544	194.4706	78.58904	68.20482	8.788643	14.69861	76.51275	62.56256	13.95019	30.33279	4
1685.275	1688.775	1327.775	77.31461	222.2501	78.44744	58.03302	6.306652	15.3798	78.31355	62.51334	15.80021	-9999	4
1685.28	1688.78	1327.78	77.11401	176.8978	77.84562	68.21663	20.57584	11.32302	68.10115	42.43788	25.66327	29.06402	4
1685.285	1688.785	1327.785	76.39419	187.5361	73.93974	61.52589	43.35559	5.387202	51.25721	35.16491	16.0923	29.03087	4
1685.29	1688.79	1327.79	74.04595	148.241	71.22569	63.44933	57.86041	2.057466	40.08213	18.49718	21.58495	30.41218	4
1685.295	1688.795	1327.795	73.56214	121.2552	71.36729	66.43479	59.98913	1.236838	38.77403	24.787	13.98703	30.80932	4
1685.3	1688.8	1327.8	74.16395	132.7151	71.42629	65.32557	60.86895	1.144328	37.98672	12.52229	25.46444	30.97008	4
1685.305	1688.805	1327.805	82.34152	171.8292	80.30007	68.52343	38.48431	5.619169	55.89652	22.41169	33.48483	29.50585	4
1685.31	1688.81	1327.81	84.50096	173.4862	81.86951	75.27317	40.66921	4.313746	55.01704	32.17912	22.83792	28.84039	4
1685.315	1688.815	1327.815	86.99081	237.7064	84.22955	82.40052	23.84325	8.325396	67.83135	42.18339	25.64796	27.04097	4
1685.32	1688.82	1327.82	89.20926	254.7501	88.97325	85.19717	0	18.82018	81.17982	81.17982	0	-9999	4
1685.325	1688.825	1327.825	90.38928	180.1283	88.72545	84.08795	26.14554	8.630528	65.22394	34.39025	30.83369	28.57211	4
1685.33	1688.83	1327.83	92.58413	108.0825	91.1091	89.90547	40.09812	5.106834	54.79505	20.55217	34.24288	29.38231	4
1685.335	1688.835	1327.835	91.2271	158.1692	92.12392	89.04405	10.84378	18.38302	70.77321	57.05662	13.71659	29.39075	4
1685.34	1688.84	1327.84	86.6014	209.7041	87.01441	82.54212	6.377511	16.87563	76.74686	67.04756	9.699303	-9999	4
1685.345	1688.845	1327.845	86.4244	208.4648	84.59536	80.07587	24.21612	9.215956	66.56793	38.25829	28.30963	27.90359	4
1685.35	1688.85	1327.85	71.6741	71.30774	70.30527	69.00724	67.41178	0	32.58822	16.02169	16.56653	31.22859	4
1685.355	1688.855	1327.855	71.22569	62.49348	70.25807	68.31103	66.848	0	33.152	10.59908	22.55292	31.35315	4
1685.36	1688.86	1327.86	78.44744	159.9376	76.31159	71.09588	45.67624	4.261783	50.06198	26.97086	23.09112	28.63381	4
1685.365	1688.865	1327.865	74.68316	109.0851	72.12251	70.88348	64.73796	0	35.26204	22.30889	12.95315	31.18938	4
1685.37	1688.87	1327.87	73.55033	71.69762	72.16971	70.67108	65.68274	0	34.31726	17.88302	16.43424	31.3361	4
1685.375	1688.875	1327.875	75.53278	93.33641	73.30253	70.76548	65.20684	0	34.79316	7.080739	27.71242	31.32267	4
1685.38	1688.88	1327.88	75.49737	86.17918	73.12553	72.12251	68.06888	0	31.93112	11.25188	20.67924	30.80027	4
1685.385	1688.885	1327.885	76.4768	136.6418	75.55638	66.9894	43.70727	4.918207	51.37452	20.75531	30.61921	29.43183	4
1685.39	1688.89	1327.89	80.15847	156.9717	77.84562	70.89528	46.19162	3.792472	50.01591	24.78992	25.22599	29.21066	4
1685.395	1688.895	1327.895	88.04103	321.8247	84.83137	69.27865	5.99558	12.57154	81.43288	77.018	4.41488	-9999	4
1685.4	1688.9	1327.9	86.15299	268.4936	80.01687	73.05472	43.31877	1.171183	55.51005	30.36357	25.14647	27.65035	4
1685.405	1688.905	1327.905	84.51276	363.2225	77.05501	68.75944	32.14601	5.315121	62.53887	36.4011	26.13777	25.40839	4
1685.41	1688.91	1327.91	83.55694	303.5418	80.50068	65.25476	13.35655	11.96142	74.68204	55.69901	18.98303	28.96911	4
1685.415	1688.915	1327.915	79.86346	127.0478	78.04623	72.12251	49.86363	2.867674	47.26869	19.51375	27.75494	29.95607	4
1685.42	1688.92	1327.92	80.01687	115.0866	78.30583	72.73612	51.79405	2.321824	45.88413	32.40836	13.47577	30.3714	4
1685.425	1688.925	1327.925	76.7246	84.75887	75.80418	75.10797	56.03497	1.462172	42.50286	19.53438	22.96848	30.43075	4
1685.43	1688.93	1327.93	88.52484	175.7699	88.00563	84.52456	20.04472	12.0986	67.85668	50.02408	17.8326	28.49456	4
1685.435	1688.935	1327.935	100.2189	326.1135	101.0213	99.74687	0	37.95702	62.04298	62.04298	0	-9999	4
1685.44	1688.94	1327.94	96.87941	114.8081	97.69363	99.09786	16.7772	20.0834	63.1394	36.27788	26.86152	28.26019	4
1685.445	1688.945	1327.945	91.72271	133.4113	91.4867	93.33934	25.1586	11.91865	62.92275	29.47053	33.45222	27.90426	4
1685.45	1688.95	1327.95	81.4801	119.1943	78.96665	76.42959	55.67253	0.844451	43.48302	15.70313	27.77989	30.41908	4
1685.455	1688.955	1327.955	94.75537	246.3257	90.68429	85.10277	24.76514	3.252374	71.98248	39.79811	32.18437	28.63583	4
1685.46	1688.96	1327.96	91.76991	253.5665	86.3182	78.40023	36.45937	0	63.54063	24.92679	38.61384	28.07114	4
1685.465	1688.965	1327.965	81.3975	128.7327	77.78662	75.30857	61.94527	0	38.05473	8.976047	29.07868	29.87994	4
1685.47	1688.97	1327.97	75.78058	66.43413	74.06955	71.7803	67.46533	0	32.53467	22.11632	10.41835	31.2022	4
1685.475	1688.975	1327.975	74.95456	61.67193	73.86894	71.9455	64.53077	0	35.46923	20.81776	14.65147	31.55143	4
1685.48	1688.98	1327.98	82.27071	141.8496	79.04925	72.99572	54.9497	0.683639	44.36666	27.37886	16.98781	30.60978	4
1685.485	1688.985	1327.985	79.43866	89.45145	77.36181	74.14035	61.36472	0	38.63528	21.30785	17.32743	31.527	4
1685.49	1688.99	1327.99	76.642	72.64449	74.74216	71.9219	66.63315	0	33.36685	16.55639	16.81046	31.25064	4
1685.495	1688.995	1327.995	77.53882	125.9478	74.17575	69.86866	64.24872	0	35.75128	7.965638	27.78564	31.11758	4
1685.5	1689	1328	72.92492	94.49215	70.04566	66.50559	72.35623	0	27.64377	20.0619	7.581867	31.42885	4
1685.505	1689.005	1328.005	65.21936	45.58905	63.92134	62.70591	79.02534	0	20.97466	6.339576	14.63508	31.1697	4
1685.51	1689.01	1328.01	60.75887	19.36908	60.55827	61.08928	80.9692	0	19.0308	18.0112	1.019598	30.2656	4
1685.515	1689.015	1328.015	59.27204	20.77546	58.36342	57.54921	87.48385	0	12.51615	12.51615	0	31.51111	4
1685.52	1689.02	1328.02	64.03934	79.06372	62.3401	59.63785	75.11946	0	24.88054	13.12447	11.75607	31.82997	4
1685.525	1689.025	1328.025	70.63567	120.6843	67.24901	64.22814	72.05628	0	27.94372	18.2649	9.678822	31.92589	4
1685.53	1689.03	1328.03	65.63237	34.50509	64.79455	64.62935	77.76107	0	22.23893	8.412069	13.82686	30.67556	4
1685.535	1689.035	1328.035	77.00781	154.0475	75.82778	73.82174	41.0185	5.660978	53.32052	30.18312	23.13741	27.73751	4
1685.54	1689.04	1328.04	82.99053	127.2288	82.87253	76.38239	33.77386	7.980825	58.24532	40.71702	17.52829	29.18926	4
1685.545	1689.045	1328.045	83.86375	231.2175	81.5037	72.13431	25.18109	8.919998	65.89891	41.71778	24.18113	28.16009	4
1685.55	1689.05	1328.05	81.16149	158.6984	82.37692	87.53362	17.50688	13.09955	69.39356	54.20008	15.19349	27.07396	4
1685.555	1689.055	1328.055	78.29403	114.5435	78.76604	84.83137	36.59188	6.947136	56.46098	32.42948	24.03151	26.94061	4

1685.56	1689.06	1328.06	80.22927	128.9137	79.48586	78.83684	40.75342	5.589521	53.65705	28.92545	24.73161	28.18765	4
1685.565	1689.065	1328.065	84.60716	219.5766	86.6132	76.6656	0	21.86581	78.13419	78.13419	0	-9999	4
1685.57	1689.07	1328.07	90.97929	295.6047	93.90575	91.4041	0	37.16087	62.83913	62.83913	0	-9999	4
1685.575	1689.075	1328.075	83.69854	170.7849	83.35634	83.23833	24.3195	10.51899	65.16151	47.70972	17.45179	27.47451	4
1685.58	1689.08	1328.08	81.4565	92.75158	81.3621	82.50672	43.34576	5.171042	51.4832	25.45381	26.02939	28.75159	8
1685.585	1689.085	1328.085	84.85497	162.9175	86.08219	82.66012	12.9964	15.53125	71.47235	47.14462	24.32773	29.13028	8
1685.59	1689.09	1328.09	92.82013	177.8725	95.21558	99.47547	0	28.75837	71.24163	71.24163	0	-9999	8
1685.595	1689.095	1328.095	95.65219	128.1061	97.23342	99.81767	8.743766	24.23469	67.02154	64.44917	2.572369	28.55031	8
1685.6	1689.1	1328.1	93.68155	92.72373	93.50454	91.76991	32.74561	10.58525	56.66914	31.93	24.73915	29.09078	8
1685.605	1689.105	1328.105	87.32122	102.833	85.48038	81.86951	49.04539	2.191118	48.76349	31.62507	17.13842	30.46413	8
1685.61	1689.11	1328.11	80.57148	41.94081	80.01687	79.22625	60.0228	0.274528	39.70267	9.31859	30.38408	32.21407	8
1685.615	1689.115	1328.115	81.5745	79.57893	80.25287	77.07861	55.93597	1.11061	42.95342	14.35743	28.59599	31.3171	4
1685.62	1689.12	1328.12	80.28827	116.5904	79.16725	76.8544	46.60783	3.855807	49.53636	19.18782	30.34855	29.17554	4
1685.625	1689.125	1328.125	82.96693	139.6078	83.21473	77.84562	27.96486	9.874489	62.16065	36.58144	25.57921	28.78576	4
1685.63	1689.13	1328.13	85.99959	110.4776	86.03499	85.86979	33.87045	8.568284	57.56126	26.6714	30.88987	28.40593	4
1685.635	1689.135	1328.135	85.72819	77.79659	85.63378	87.60442	43.03491	5.80698	51.15811	27.94216	23.21595	29.00703	4
1685.64	1689.14	1328.14	92.70213	100.5076	93.23314	96.195	26.27588	13.90005	59.82407	40.05208	19.77199	27.94701	4
1685.645	1689.145	1328.145	90.43648	141.8078	89.74027	94.42496	27.8766	9.906934	62.21647	40.19005	22.02642	27.2439	4
1685.65	1689.15	1328.15	92.00591	185.4335	92.50152	97.76443	6.638666	18.94951	74.41182	68.1449	6.26692	-9999	4
1685.655	1689.155	1328.155	102.0361	153.3652	102.5553	106.709	4.988498	26.36627	68.64523	68.64523	0	-9999	4
1685.66	1689.16	1328.16	85.88159	230.5631	81.3503	77.39721	40.3102	2.866139	56.82366	30.73415	26.08952	27.51984	4
1685.665	1689.165	1328.165	79.26165	71.78117	78.78964	76.08739	53.36631	2.138119	44.49557	21.96493	22.53064	30.82851	4
1685.67	1689.17	1328.17	77.58602	25.74653	77.78662	74.56516	60.83552	0.089324	39.07516	17.70344	21.37171	32.95934	4
1685.675	1689.175	1328.175	79.17905	51.2842	77.94003	77.60962	64.34694	0	35.65306	13.18914	22.46392	31.29903	4
1685.68	1689.18	1328.18	80.45348	166.7746	75.94578	72.74792	60.55797	0	39.44203	13.07293	26.3691	29.93547	4
1685.685	1689.185	1328.185	85.75179	230.3681	80.00507	75.74518	49.89634	0	50.10366	19.56486	30.5388	28.0638	4
1685.69	1689.19	1328.19	81.5391	37.33178	80.54788	79.89887	63.6317	0	36.3683	8.774118	27.59419	31.81302	4
1685.695	1689.195	1328.195	78.58904	58.13509	77.33821	76.15819	63.32329	0	36.67671	25.12665	11.55006	31.52652	4
1685.7	1689.2	1328.2	94.59017	122.4248	91.02649	89.38626	50.9687	0	49.0313	16.385	32.6463	26.98649	4
1685.705	1689.205	1328.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1686	1689.5	1328.5	102.1305	148.7562	100.8443	93.49274	20.00917	12.74265	67.24818	39.82186	27.42632	30.06173	4
1686.005	1689.505	1328.505	103.5938	136.1545	102.9565	103.4994	16.68277	17.74759	65.56964	48.23463	17.33501	28.5238	4
1686.01	1689.51	1328.51	103.0509	147.8372	102.3193	105.8358	15.08655	17.36899	67.54446	41.27302	26.27144	28.06693	4
1686.015	1689.515	1328.515	102.2603	159.3946	102.7323	106.5556	3.688937	26.67492	69.63614	69.63614	0	-9999	4
1686.02	1689.52	1328.52	101.5759	129.9441	102.6615	103.1099	6.690115	28.58494	64.72494	51.6018	13.12314	-9999	4
1686.025	1689.525	1328.525	95.53419	155.997	96.1832	95.93539	9.327425	20.60722	70.06535	65.78342	4.28193	28.99709	4
1686.03	1689.53	1328.53	95.12118	203.5633	97.59923	107.0866	0	34.00858	65.99142	65.99142	0	-9999	4
1686.035	1689.535	1328.535	95.86459	223.2666	97.55203	100.6319	0	31.54829	68.45171	68.45171	0	-9999	4
1686.04	1689.54	1328.54	89.17386	164.5467	89.02045	84.52456	19.32863	13.03874	67.63263	51.43699	16.19564	28.87198	4
1686.045	1689.545	1328.545	76.02839	30.41127	76.46499	76.33519	59.31064	0.421014	40.26835	20.82455	19.44379	31.93553	4
1686.05	1689.55	1328.55	74.29375	38.52929	73.93974	74.21115	65.06922	0	34.93078	23.82121	11.10957	31.2484	2
1686.055	1689.555	1328.555	79.54486	75.29016	78.16423	76.5476	59.29838	0.3252	40.37642	15.3547	25.02171	31.53163	2
1686.06	1689.56	1328.56	82.51852	109.6978	80.18207	76.6656	55.64357	0.691668	43.66476	30.13387	13.53089	30.86391	2
1686.065	1689.565	1328.565	82.15271	103.4596	80.66588	75.87498	50.90523	2.402432	46.69234	16.44322	30.24912	30.4916	2
1686.07	1689.57	1328.57	84.24135	111.9118	83.81655	80.11127	38.70757	6.486347	54.80608	35.72244	19.08364	29.15965	2
1686.075	1689.575	1328.575	84.55996	129.4985	83.92275	84.77237	35.80459	7.133675	57.06173	25.81671	31.24502	27.93282	2
1686.08	1689.58	1328.58	73.73914	47.95623	72.81872	71.7803	67.68783	0	32.31217	18.95919	13.35298	31.14159	2
1686.085	1689.585	1328.585	69.11344	27.47318	68.65323	67.90982	73.33375	0	26.66625	15.08985	11.5764	30.66702	2
1686.09	1689.59	1328.59	70.04566	31.24674	69.19605	68.73584	74.58081	0	25.41919	11.66928	13.74991	30.68514	2
1686.095	1689.595	1328.595	75.08437	99.99235	72.86592	69.90406	63.91719	0	36.08281	22.43485	13.64796	31.56176	2
1686.1	1689.6	1328.6	72.48831	196.615	68.05142	64.34615	60.11584	2.997137	36.88702	25.17559	11.71143	28.71698	2
1686.105	1689.605	1328.605	72.67712	66.51768	70.56487	68.40543	73.40966	0	26.59034	6.789443	19.8009	31.08323	2
1686.11	1689.61	1328.61	75.54458	105.6457	72.70072	70.85988	66.97263	0	33.02737	17.67625	15.35112	30.94698	2
1686.115	1689.615	1328.615	76.5004	118.8462	73.44413	72.47651	64.54489	0	35.45511	11.95612	23.49899	30.77063	2
1686.12	1689.62	1328.62	76.06379	94.92381	73.50313	71.34369	66.89481	0	33.10519	22.03925	11.06594	30.97702	2
1686.125	1689.625	1328.625	81.06709	90.10591	82.40052	83.09673	33.27859	8.7531	57.96831	38.95891	19.0094	28.38887	2
1686.13	1689.63	1328.63	79.35605	75.66613	78.97845	77.24381	51.60769	2.649662	45.74265	29.40509	16.33756	30.33916	2
1686.135	1689.635	1328.635	80.78388	129.8188	80.72488	76.583	34.71994	7.536454	57.74361	31.9855	25.7581	28.615	2
1686.14	1689.64	1328.64	83.66314	118.3449	82.93153	82.01111	40.06045	5.825923	54.11363	18.46772	35.64591	28.58982	2
1686.145	1689.645	1328.645	84.90217	204.7051	83.53334	77.72762	22.95978	10.09218	66.94804	50.95472	15.99332	28.12926	2
1686.15	1689.65	1328.65	83.56874	114.4182	82.89613	81.27949	40.64031	5.704027	53.65566	35.70359	17.95207	28.81302	2
1686.155	1689.655	1328.655	83.54514	138.9394	82.23531	80.33547	39.6663	5.537676	54.79603	27.33829	27.45774	28.40172	2
1686.16	1689.66	1328.66	89.83467	173.0128	90.46008	92.73753	10.63605	17.17334	72.19061	52.92368	19.26693	28.28626	2
1686.165	1689.665	1328.665	85.49218	117.0639	85.90519	88.46584	29.81692	10.04403	60.13905	35.62643	24.51262	27.72499	2
1686.17	1689.67	1328.67	79.59206	104.3507	80.89009	81.6571	31.46272	8.863113	59.67417	27.92482	31.74935	28.08704	2
1686.175	1689.675	1328.675	83.04953	138.9533	81.5273	76.6184	41.76502	4.859214	53.37576	32.87724	20.49853	29.05224	2
1686.18	1689.68	1328.68	78.51824	98.86446	77.66862	72.44111	50.42256	2.922929	46.65451	15.12494	31.52957	30.33689	2
1686.185	1689.685	1328.685	67.68561	36.39883	66.7534	65.47897	76.14542	0	23.85458	22.56671	1.287876	30.86955	2
1686.19	1689.69	1328.69	67.27261	35.34056	66.8006	64.19274	73.21486	0	26.78514	4.268381	22.51676	30.98937	2
1686.195	1689.695	1328.695	72.92492	68.98233	71.9219	68.29923	63.98876	0	36.01124	14.46634	21.54491	31.89965	2
1686.2	1689.7	1328.7	65.21936	31.53916	64.62935	63.95674	76.9383	0	23.0617	15.80133	7.260369	30.6344	2
1686.205	1689.705	1328.705	66.15158	43.90418	65.06596	64.21634	76.92931	0	23.07069	22.41683	0.653866	30.9148	2
1686.21	1689.71	1328.71	74.06955	63.23148	73.75094	72.79512	59.0232	0.631024	40.34578	17.93887	22.40691	31.2364	2

1686.215	1689.715	1328.715	85.46858	119.5285	86.566	84.68976	23.93798	12.53985	63.52217	32.93724	30.58494	28.61006	2
1686.22	1689.72	1328.72	79.71006	82.51702	79.60386	78.67164	47.52069	3.873383	48.60592	30.01384	18.59209	29.60496	2
1686.225	1689.725	1328.725	77.38541	84.55	77.97543	72.86592	43.77172	4.868567	51.35971	19.84038	31.51933	29.89376	2
1686.23	1689.73	1328.73	77.92822	79.48146	77.75122	76.45319	50.4433	2.97234	46.58436	26.18004	20.40432	29.958	2
1686.235	1689.735	1328.735	75.14337	47.13468	74.60056	73.10193	63.6683	0	36.3317	17.4897	18.842	31.71675	2
1686.24	1689.74	1328.74	77.98723	90.81606	76.524	75.04897	57.6143	0.955865	41.42984	28.80427	12.62557	30.78581	2
1686.245	1689.745	1328.745	79.54486	109.9066	79.60386	78.14063	39.76406	6.074547	54.16139	30.46631	23.69508	28.59186	2
1686.25	1689.75	1328.75	80.13487	153.7412	80.21747	82.40052	28.43038	9.292412	62.2772	42.55357	19.72363	27.00799	2
1686.255	1689.755	1328.755	74.25835	94.03264	74.93096	73.78634	43.71366	4.632405	51.65393	21.71967	29.93426	28.82112	2
1686.26	1689.76	1328.76	72.46471	67.52025	71.20209	69.85686	66.77791	0	33.22209	19.51133	13.71075	31.24386	2
1686.265	1689.765	1328.765	71.8275	134.7202	67.86262	64.21634	72.04423	0	27.95577	20.63583	7.319931	31.95149	2
1686.27	1689.77	1328.77	67.94522	53.13617	67.27261	65.23116	69.8442	0	30.1558	11.28275	18.87305	31.10735	2
1686.275	1689.775	1328.775	70.34067	46.34098	69.67986	66.31679	69.19337	0	30.80663	9.866087	20.94054	31.40074	2
1686.28	1689.78	1328.78	71.19029	109.837	69.88046	61.59669	58.07553	1.656511	40.26795	21.58831	18.67965	31.18076	2
1686.285	1689.785	1328.785	70.39967	73.47997	69.99846	61.47869	60.55952	0.465583	38.9749	21.81436	17.16054	32.42848	2
1686.29	1689.79	1328.79	74.04595	73.59137	73.97514	72.93672	54.61733	1.781823	43.60085	18.06033	25.54051	30.34648	2
1686.295	1689.795	1328.795	76.24079	139.371	75.27317	63.15432	43.62973	4.965584	51.40468	28.79406	22.61063	30.00089	2
1686.3	1689.8	1328.8	87.22682	186.7703	87.22682	76.28799	14.55292	14.16717	71.27991	58.63425	12.64565	30.09822	2
1686.305	1689.805	1328.805	67.98062	42.53957	67.70921	67.73282	69.26665	0	30.73335	11.70441	19.02894	30.61496	2
1686.31	1689.81	1328.81	67.69741	34.44939	67.87442	68.67683	68.00985	0	31.99015	10.27261	21.71754	30.3867	2
1686.315	1689.815	1328.815	70.39967	34.65826	70.58847	72.09891	65.38177	0	34.61823	21.01122	13.60701	30.66847	2
1686.32	1689.82	1328.82	66.39939	31.63663	66.29319	64.07474	72.07957	0	27.92043	6.943101	20.97733	30.78186	2
1686.325	1689.825	1328.825	68.68863	42.03828	68.53523	65.85658	67.82207	0	32.17793	19.46096	12.71697	31.19534	2
1686.33	1689.83	1328.83	67.49681	40.42303	67.59121	64.55855	67.38895	0	32.61105	6.083982	26.52707	31.15325	2
1686.335	1689.835	1328.835	69.40845	32.31893	69.17244	67.59121	70.15208	0	29.84792	7.465884	22.38203	30.90684	2
1686.34	1689.84	1328.84	72.51191	27.66813	71.9219	72.29951	71.16595	0	28.83405	14.49067	14.34338	30.66988	2
1686.345	1689.845	1328.845	76.99601	50.62975	76.7954	74.88376	58.46596	0.719066	40.81498	23.17602	17.63895	31.75623	2
1686.35	1689.85	1328.85	71.9927	47.998	71.9691	68.05142	62.3341	0	37.6659	12.42072	25.24518	32.11798	2
1686.355	1689.855	1328.855	67.0484	23.32366	67.35521	67.0838	70.2934	0	29.7066	8.038707	21.6679	30.36286	4
1686.36	1689.86	1328.86	64.16914	15.02461	63.89774	62.3519	79.43183	0	20.56817	9.650881	10.91729	30.62148	4
1686.365	1689.865	1328.865	67.1546	27.72382	66.59999	65.99818	75.80684	0	24.19316	9.596912	14.59625	30.59501	4
1686.37	1689.87	1328.87	70.16367	42.76236	69.80966	71.01328	67.84449	0	32.15551	16.87876	15.27675	30.58632	4
1686.375	1689.875	1328.875	70.04566	48.65246	68.94824	66.8124	72.28912	0	27.71088	8.572012	19.13887	31.11455	4
1686.38	1689.88	1328.88	67.80362	32.70882	68.24023	68.77124	66.32142	0	33.67858	10.18919	23.48939	30.48557	4
1686.385	1689.885	1328.885	68.13402	25.76046	68.40543	67.66201	68.97927	0	31.02073	7.950738	23.06999	30.61217	4
1686.39	1689.89	1328.89	65.13676	25.96933	64.53495	63.35493	78.45365	0	21.54635	21.54635	0	30.73462	4
1686.395	1689.895	1328.895	64.77095	20.3995	63.98034	63.10712	81.60132	0	18.39868	13.36733	5.031355	30.85136	4
1686.4	1689.9	1328.9	63.04812	35.59121	63.21332	59.98006	72.10233	0	27.89767	17.71634	10.18132	30.73866	4
1686.405	1689.905	1328.905	61.62029	36.63555	61.43149	59.20124	75.90676	0	24.09324	6.285897	17.80734	30.71528	4
1686.41	1689.91	1328.91	59.41364	37.22038	59.01244	55.67297	79.44148	0	20.55852	13.91045	6.648076	31.16729	4
1686.415	1689.915	1328.915	62.45811	53.16402	61.52589	59.60245	76.89755	0	23.10245	17.48359	5.618857	31.20032	4
1686.42	1689.92	1328.92	63.14252	43.50036	63.15432	60.47567	71.29034	0	28.70966	6.150556	22.5591	30.77415	4
1686.425	1689.925	1328.925	65.65597	33.12656	65.39637	64.99516	73.59182	0	26.40818	14.84657	11.56161	30.45558	4
1686.43	1689.93	1328.93	65.45537	28.82386	64.86536	64.19274	77.37828	0	22.62172	14.6523	7.969416	30.62681	4
1686.435	1689.935	1328.935	67.99242	30.41127	67.57941	68.12222	73.28826	0	26.71174	10.33811	16.37363	30.38975	4
1686.44	1689.94	1328.94	67.33161	28.89349	66.8714	67.82722	74.62932	0	25.37068	10.53109	14.83959	30.2881	4
1686.445	1689.945	1328.945	68.06322	54.87674	66.8242	63.49653	73.70411	0	26.29589	12.7937	13.50218	31.40607	4
1686.45	1689.95	1328.95	67.1782	45.42196	66.48199	65.50257	72.5996	0	27.4004	16.37855	11.02185	30.80232	4
1686.455	1689.955	1328.955	67.26081	27.27824	66.836	66.06898	74.81099	0	25.18901	20.61425	4.574762	30.58717	4
1686.46	1689.96	1328.96	71.24929	72.89514	69.39665	68.35823	71.16798	0	28.83202	11.5355	17.29652	31.05433	4
1686.465	1689.965	1328.965	71.32009	62.00612	70.19907	68.40543	68.06797	0	31.93203	22.20697	9.725064	31.24642	4
1686.47	1689.97	1328.97	70.30527	49.5854	69.67986	64.39335	68.16644	0	31.83356	11.36745	20.46612	31.81109	4
1686.475	1689.975	1328.975	72.39391	82.14105	70.69468	65.08956	66.68854	0	33.31146	8.130615	25.18085	32.06006	4
1686.48	1689.98	1328.98	65.84478	25.62121	65.40817	63.99214	76.60619	0	23.39381	23.39381	0	30.68131	4
1686.485	1689.985	1328.985	66.8596	56.93758	65.90378	63.52013	72.11788	0	27.88212	14.76014	13.12198	31.20555	4
1686.49	1689.99	1328.99	73.64474	112.6219	71.48529	72.0871	61.72803	0.716355	37.55562	16.7318	20.82382	30.28897	4
1686.495	1689.995	1328.995	74.30555	137.533	72.33491	73.36153	53.62837	2.756288	43.61534	20.3674	23.24794	28.43905	4
1686.5	1690	1329	66.36399	101.2456	63.81513	60.07446	74.19731	0	25.80269	23.11985	2.682843	32.32647	4
1686.505	1690.005	1329.005	66.36399	92.59841	64.91256	61.40789	67.7849	0	32.2151	12.86462	19.35048	31.92642	4
1686.51	1690.01	1329.01	68.07502	112.0789	65.80938	62.1749	67.80665	0.277567	31.91578	21.51216	10.40362	31.82008	4
1686.515	1690.015	1329.015	68.57063	127.4377	64.97156	62.80031	73.96792	0	26.03208	10.57546	15.45662	32.25341	4
1686.52	1690.02	1329.02	61.52589	28.58715	61.50229	60.36946	76.661	0	23.339	11.91189	11.42711	30.37616	4
1686.525	1690.025	1329.025	62.1159	44.8789	60.93588	60.14526	81.13787	0	18.86213	3.659676	15.20246	31.24789	4
1686.53	1690.03	1329.03	62.75311	44.40546	61.87989	60.32226	78.28845	0	21.71155	13.6652	8.046351	31.06946	4
1686.535	1690.035	1329.035	68.83024	84.6614	67.24901	66.18698	68.44267	0	31.55733	15.456	16.10132	31.31573	4
1686.54	1690.04	1329.04	66.51739	56.28312	65.58517	62.65871	72.40818	0	27.59182	20.33296	7.258854	31.29419	4
1686.545	1690.045	1329.045	63.43753	47.53849	62.75311	60.29866	75.43737	0	24.56263	6.85953	17.7031	31.08382	4
1686.55	1690.05	1329.05	70.11646	61.9365	70.09286	68.14582	60.68712	0.208333	39.10454	11.61372	27.49083	31.48703	4
1686.555	1690.055	1329.055	71.9101	57.27177	71.8511	72.78332	60.4402	0.21228	39.34752	23.91966	15.42786	31.12889	4
1686.56	1690.06	1329.06	74.25835	88.72738	73.79814	74.58876	53.77692	2.132205	44.09088	20.98814	23.10274	29.57655	4
1686.565	1690.065	1329.065	78.06983	100.3544	78.43564	79.55666	41.05499	5.662155	53.28286	17.93704	35.34582	28.28941	4
1686.57	1690.07	1329.07	78.86044	94.2972	79.12005	79.48586	42.61653	5.275676	52.1078	19.50358	32.60421	28.67834	4
1686.575	1690.075	1329.075	76.45319	75.63828	76.04019	74.14035	54.55941	1.826178	43.61441	18.5678	25.0466	30.59548	4

1686.58	1690.08	1329.08	74.83656	63.71884	74.50615	72.99572	58.29106	0.812016	40.89693	18.80708	22.08985	31.24996	4
1686.585	1690.085	1329.085	74.57696	44.41939	74.86016	74.11675	58.44486	0.622323	40.93281	11.38959	29.54323	31.53032	4
1686.59	1690.09	1329.09	76.8662	50.4905	76.26439	75.43837	61.72844	0	38.27156	19.9395	18.33206	31.91084	4
1686.595	1690.095	1329.095	71.10768	59.19336	70.68288	68.91284	63.54841	0	36.45159	13.0692	23.38239	31.53827	4
1686.6	1690.1	1329.1	67.34341	61.0871	66.7652	67.013	67.74213	0	32.25787	16.63383	15.62404	30.77416	4
1686.605	1690.105	1329.105	75.49737	130.5986	74.02234	73.65654	50.36905	3.288473	46.34248	14.27137	32.07111	28.55458	4
1686.61	1690.11	1329.11	71.9101	179.5017	69.06624	66.32859	52.44321	4.128118	43.42867	23.3824	20.04627	27.80559	4
1686.615	1690.115	1329.115	69.27865	55.61474	69.07804	70.02206	64.35956	0	35.64044	21.12266	14.51778	30.83951	4
1686.62	1690.12	1329.12	77.44441	119.0829	76.45319	76.76	47.61502	3.767277	48.6177	22.76596	25.85174	28.53159	4
1686.625	1690.125	1329.125	78.41203	149.0904	75.29677	74.57696	55.92435	1.538584	42.53707	16.92117	25.61589	29.21002	4
1686.63	1690.13	1329.13	76.937	38.65461	76.35879	75.53278	64.34468	0	35.65532	16.9394	18.71592	31.66678	4
1686.635	1690.135	1329.135	74.05775	79.69033	72.40571	71.20209	65.38508	0	34.61492	19.20085	15.41407	31.25198	4
1686.64	1690.14	1329.14	73.37333	115.9499	70.91888	69.67986	63.45865	0.453002	36.08835	16.38496	19.70339	30.85362	4
1686.645	1690.145	1329.145	77.53882	87.57164	76.524	73.42053	55.33681	1.608169	43.05502	25.25171	17.80331	30.75775	4
1686.65	1690.15	1329.15	81.7161	89.86919	82.30611	83.76934	38.50025	6.959004	54.54075	28.12086	26.41989	28.43032	4
1686.655	1690.155	1329.155	75.81598	46.78656	76.32339	77.63322	54.99452	1.606449	43.39903	31.27596	12.12307	30.62247	4
1686.66	1690.16	1329.16	68.42903	10.13709	68.39363	67.68561	74.86647	0	25.13353	6.645657	18.48787	30.47541	4
1686.665	1690.165	1329.165	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1687	1690.5	1329.5	118.2851	67.17214	116.7982	113.5886	26.44503	17.35464	56.20033	24.01267	32.18766	29.03837	4
1687.005	1690.505	1329.505	127.6898	71.69762	128.9407	132.3745	0	100	0	0	0	-9999	4
1687.01	1690.51	1329.51	112.6327	108.3192	113.1637	116.2554	6.049288	40.25821	53.6925	44.39029	9.302208	-9999	4
1687.015	1690.515	1329.515	106.2488	71.71155	106.06	102.1305	26.36013	19.83797	53.80189	31.03943	22.76246	29.0415	4
1687.02	1690.52	1329.52	114.3084	121.7982	113.0103	110.6031	15.42083	19.74104	64.83813	42.05744	22.78069	29.06674	4
1687.025	1690.525	1329.525	124.0082	90.39832	124.315	125.6484	1.658339	65.23729	33.10437	33.10437	0	-9999	4
1687.03	1690.53	1329.53	114.0488	121.2552	114.8866	115.8896	0	48.50153	51.49847	51.49847	0	-9999	4
1687.035	1690.535	1329.535	116.0902	155.1058	117.2938	120.7867	0	61.84151	38.15849	38.15849	0	-9999	4
1687.04	1690.54	1329.54	105.9302	121.4083	106.0128	105.6824	12.52323	25.30948	62.16728	44.93312	17.23416	28.43065	4
1687.045	1690.545	1329.545	90.44828	142.5598	88.78445	81.17329	35.18283	6.107866	58.7093	31.1661	27.5432	29.69337	4
1687.05	1690.55	1329.55	90.30668	175.004	88.61924	81.22049	27.6445	8.175149	64.18035	27.28746	36.89289	29.10557	4
1687.055	1690.555	1329.555	88.73725	172.6925	85.96419	83.95815	38.06133	3.922673	58.016	31.19129	26.82471	28.27922	4
1687.06	1690.56	1329.56	92.44252	252.5778	87.93483	88.13543	28.76366	2.616451	68.61988	32.98558	35.6343	27.08385	4
1687.065	1690.565	1329.565	84.07615	144.0219	81.04349	79.02565	51.29979	1.24222	47.45799	20.15324	27.30475	29.48578	4
1687.07	1690.57	1329.57	81.5509	169.3367	77.86922	76.524	52.52667	1.521747	45.95158	28.0671	17.88448	28.77061	4
1687.075	1690.575	1329.575	74.91916	47.1486	74.10495	72.73612	65.97459	0	34.02541	19.4163	14.60911	31.38339	4
1687.08	1690.58	1329.58	74.83656	35.43804	75.54458	76.5712	57.08725	0.932567	41.98019	12.84741	29.13277	31.17947	4
1687.085	1690.585	1329.585	77.10221	54.66787	75.93398	73.55033	64.89008	0	35.10992	11.31651	23.79341	31.60083	4
1687.09	1690.59	1329.59	77.04321	30.34164	76.32339	75.37937	67.35614	0	32.64386	6.73228	25.91158	31.37092	4
1687.095	1690.595	1329.595	74.24655	27.6542	73.01932	72.86592	74.51185	0	25.48815	5.253826	20.23432	30.61752	4
1687.1	1690.6	1329.6	74.22295	61.44914	72.44111	70.85988	70.65343	0	29.34657	7.943124	21.40345	30.94486	4
1687.105	1690.605	1329.605	75.74518	70.37479	74.36455	73.70374	63.98361	0	36.01639	13.68695	22.32945	31.27181	4
1687.11	1690.61	1329.61	80.31187	116.7297	78.74244	72.0635	50.02759	2.802738	47.16967	32.34866	14.82101	30.33443	4
1687.115	1690.615	1329.615	78.82504	84.24366	77.05501	72.85412	60.81178	0	39.18822	18.27287	20.91535	31.996	4
1687.12	1690.62	1329.62	78.04623	62.89729	76.6302	76.34699	63.95055	0	36.04945	7.210879	28.83857	31.17557	4
1687.125	1690.625	1329.625	80.20567	100.9114	77.29101	75.14337	64.37884	0	35.62116	25.23541	10.38574	30.3367	4
1687.13	1690.63	1329.63	86.08219	238.0684	80.57148	73.68014	45.89985	0.736913	53.36323	16.06799	37.29524	28.37862	4
1687.135	1690.635	1329.635	84.53636	205.0533	79.35605	73.19633	52.75104	0	47.24896	9.551227	37.69774	29.19452	4
1687.14	1690.64	1329.64	82.51852	214.6473	77.40901	74.71856	51.73698	1.227245	47.03577	17.56043	29.47534	28.14859	4
1687.145	1690.645	1329.645	84.99657	316.4916	78.76604	74.93096	33.49878	4.691044	61.81018	30.86156	30.94862	25.56703	4
1687.15	1690.65	1329.65	85.78719	317.0904	79.76906	72.47651	30.98038	4.905179	64.11444	26.35031	37.76413	26.33517	4
1687.155	1690.655	1329.655	79.61566	113.5549	76.6656	74.71856	62.13628	0	37.86372	23.10621	14.75751	30.61157	4
1687.16	1690.66	1329.66	81.3621	92.73765	79.29705	75.96938	58.70844	0.126781	41.16478	26.16218	15.0026	31.54769	4
1687.165	1690.665	1329.665	82.28251	89.14511	80.92549	78.83684	53.24394	1.798063	44.958	30.54933	14.40868	30.56867	4
1687.17	1690.67	1329.67	84.60716	132.1303	82.14091	80.85468	49.29933	1.984318	48.71635	20.92737	27.78898	29.35174	4
1687.175	1690.675	1329.675	86.84921	199.2467	84.18235	83.39174	32.54915	6.018306	61.43254	28.84642	32.58613	27.26676	4
1687.18	1690.68	1329.68	86.6368	226.0097	82.78992	78.70704	35.4131	4.316614	60.27029	29.64315	30.62714	27.49322	4
1687.185	1690.685	1329.685	80.22927	62.95299	79.12005	75.62718	59.55092	0.251828	40.19725	23.52365	16.6736	32.19959	4
1687.19	1690.69	1329.69	79.83986	72.3103	78.44744	75.76878	59.83955	0.14488	40.01557	12.48186	27.5337	31.89637	4
1687.195	1690.695	1329.695	77.90462	62.50741	77.77482	77.82202	54.20692	1.925687	43.86739	30.95566	12.91173	30.52859	4
1687.2	1690.7	1329.7	76.701	46.75871	76.583	75.39117	59.03399	0.55428	40.41173	25.58464	14.82709	31.77573	4
1687.205	1690.705	1329.705	77.35001	76.45983	77.03141	78.50644	52.80391	2.301589	44.8945	21.27494	23.61956	29.76156	4
1687.21	1690.71	1329.71	79.49766	275.8319	76.02839	72.40571	26.9977	9.330493	63.67181	37.4182	26.25361	25.70609	4
1687.215	1690.715	1329.715	77.68042	229.9225	73.89254	67.66201	42.24881	5.750454	52.00073	22.46832	29.53241	27.01847	4
1687.22	1690.72	1329.72	78.42384	109.9484	78.96665	80.98449	37.03577	6.852148	56.11209	26.11657	29.99552	27.77839	4
1687.225	1690.725	1329.725	74.37635	88.32356	74.30555	73.27893	50.74817	2.856442	46.39539	16.6824	29.713	29.54955	4
1687.23	1690.73	1329.73	74.98996	57.50848	74.78936	73.17273	58.64686	0.677422	40.67572	28.91191	11.7638	31.46491	4
1687.235	1690.735	1329.735	78.95485	94.75672	77.24381	76.5948	57.69094	0.817502	41.49156	25.04314	16.44842	30.63429	4
1687.24	1690.74	1329.74	76.9252	150.0094	74.83656	72.94852	49.11352	3.575455	47.31103	24.31052	23.00051	28.39669	2
1687.245	1690.745	1329.745	75.55638	215.3853	71.10768	68.03962	52.84225	3.868092	43.28965	15.16121	28.12844	27.44664	2
1687.25	1690.75	1329.75	68.97184	53.35896	68.47623	67.54401	67.47402	0	32.52598	20.30046	12.22553	30.99153	2
1687.255	1690.755	1329.755	67.75642	63.81632	67.072	65.67957	67.52476	0	32.47524	23.47539	8.999854	31.12779	2
1687.26	1690.76	1329.76	68.19302	37.4014	67.56761	66.25778	73.05823	0	26.94177	20.06971	6.872057	30.80829	2
1687.265	1690.765	1329.765	68.54703	69.88743	67.43781	63.83874	68.62045	0	31.37955	11.50919	19.87036	31.60695	2
1687.27	1690.77	1329.77	71.23749	105.966	68.68863	65.44357	68.57135	0	31.42865	14.05382	17.37484	31.75296	2

1687.275	1690.775	1329.775	72.84232	86.49944	71.7567	68.08682	60.46577	0.644325	38.8899	15.34057	23.54933	31.37579	2
1687.28	1690.78	1329.78	72.32311	72.67234	71.01328	69.58545	66.02719	0	33.97281	8.40063	25.57218	31.31359	2
1687.285	1690.785	1329.785	65.75037	40.98002	64.75915	65.73857	77.27445	0	22.72555	10.4279	12.29765	30.53163	2
1687.29	1690.79	1329.79	64.54675	31.39991	63.92134	63.05992	77.86516	0	22.13484	14.91167	7.223166	30.69304	2
1687.295	1690.795	1329.795	65.46717	26.15035	65.30197	66.15158	74.72215	0	25.27785	10.22002	15.05783	30.13764	2
1687.3	1690.8	1329.8	63.57913	29.99353	63.04812	61.21908	78.3641	0	21.6359	16.07144	5.564464	30.83498	2
1687.305	1690.805	1329.805	65.44357	31.39991	64.72375	61.80909	77.7717	0	22.2283	13.07152	9.156781	31.1061	2
1687.31	1690.81	1329.81	63.28412	13.9942	63.05992	62.78851	80.1296	0	19.8704	8.960351	10.91005	30.36113	2
1687.315	1690.815	1329.815	68.14582	25.91363	67.83902	65.14856	73.41249	0	26.58751	17.04924	9.538266	30.94266	2
1687.32	1690.82	1329.82	68.12222	28.16941	68.11042	67.94522	70.60201	0	29.39799	7.502453	21.89554	30.49154	2
1687.325	1690.825	1329.825	63.99214	25.44019	63.54373	63.23692	78.44588	0	21.55412	19.8674	1.686725	30.49056	2
1687.33	1690.83	1329.83	69.65625	71.34951	68.86564	69.08984	64.77694	0	35.22306	18.63942	16.58364	31.07475	2
1687.335	1690.835	1329.835	68.86564	75.17877	68.03962	65.99818	64.85198	0	35.14802	19.66585	15.48217	31.4998	2
1687.34	1690.84	1329.84	87.01441	177.9421	84.51276	80.47708	36.27255	5.101633	58.62582	35.28349	23.34232	28.30494	2
1687.345	1690.845	1329.845	69.77426	54.86282	68.53523	66.70619	72.13333	0	27.86667	12.79395	15.07272	31.09939	2
1687.35	1690.85	1329.85	64.94796	22.51603	64.58215	64.91256	77.63401	0	22.36599	4.423718	17.94228	30.31048	2
1687.355	1690.855	1329.855	66.8006	27.50103	67.1546	68.08682	69.14465	0	30.85535	24.03054	6.824815	30.16016	2
1687.36	1690.86	1329.86	67.46141	24.43762	67.40241	66.7888	72.47886	0	27.52114	11.76262	15.75852	30.47921	2
1687.365	1690.865	1329.865	67.82722	21.09573	67.78002	67.75642	72.8596	0	27.1404	14.02425	13.11615	30.36915	2
1687.37	1690.87	1329.87	65.82118	31.17712	65.20756	63.81513	76.65515	0	23.34485	8.587224	14.75762	30.76215	2
1687.375	1690.875	1329.875	66.41119	37.90269	66.22238	62.3047	71.19249	0	28.80751	22.79851	6.009007	31.16113	2
1687.38	1690.88	1329.88	77.40901	111.9257	76.98421	70.29347	44.98995	4.481219	50.52883	26.19346	24.33537	29.72844	2
1687.385	1690.885	1329.885	70.80088	46.71694	69.46745	68.09862	73.89175	0	26.10825	6.055692	20.05255	30.939	2
1687.39	1690.89	1329.89	70.32887	44.18267	69.91586	66.06898	67.80605	0	32.19395	20.25754	11.93641	31.52829	2
1687.395	1690.895	1329.895	73.63294	43.58391	73.05472	73.72734	66.19153	0	33.80847	14.02801	19.78045	30.97275	2
1687.4	1690.9	1329.9	68.22843	18.50576	68.14582	67.89802	73.39162	0	26.60838	7.800727	18.80765	30.42374	2
1687.405	1690.905	1329.905	71.23749	39.90782	71.07228	70.37607	66.08414	0	33.91586	16.32451	17.59135	31.10168	2
1687.41	1690.91	1329.91	68.40543	36.74695	68.07502	67.92162	70.7349	0	29.2651	10.92129	18.34381	30.5918	2
1687.415	1690.915	1329.915	66.43479	23.15656	66.17518	65.66777	75.28805	0	24.71195	9.03384	15.67811	30.43867	2
1687.42	1690.92	1329.92	66.777	30.63406	66.43479	64.32255	73.80383	0	26.19617	9.706769	16.4894	30.8095	2
1687.425	1690.925	1329.925	66.68259	27.18077	66.24598	64.32255	75.45799	0	24.54201	20.60825	3.93376	30.78124	2
1687.43	1690.93	1329.93	66.954	27.87699	66.18698	64.84176	77.60046	0	22.39954	14.88048	7.519055	30.8069	2
1687.435	1690.935	1329.935	68.87744	25.85793	68.45263	68.67683	73.6674	0	26.3326	11.34627	14.98633	30.45149	2
1687.44	1690.94	1329.94	69.08984	18.99312	69.08984	69.17244	71.84101	0	28.15899	11.64667	16.51232	30.44294	2
1687.445	1690.945	1329.945	66.9776	15.72084	67.27261	67.2254	72.28987	0	27.71013	23.28196	4.428178	30.22366	2
1687.45	1690.95	1329.95	69.06624	34.92283	68.64143	68.29923	71.3	0	28.7	5.539774	23.16023	30.64565	2
1687.455	1690.955	1329.955	69.05444	38.58499	68.33463	68.24023	72.71091	0	27.28909	13.38525	13.90384	30.62546	2
1687.46	1690.96	1329.96	68.09862	27.09722	67.61481	68.06322	74.54127	0	25.45873	14.09688	11.36185	30.39191	2
1687.465	1690.965	1329.965	66.8124	29.19983	66.24598	65.34917	75.85593	0	24.14407	18.27395	5.870121	30.64506	2
1687.47	1690.97	1329.97	66.8832	39.96352	66.04538	64.00394	75.28937	0	24.71063	6.953758	17.75687	30.9896	2
1687.475	1690.975	1329.975	70.23447	109.7813	67.42601	63.52013	70.58276	0	29.41724	4.579078	24.83817	31.99944	2
1687.48	1690.98	1329.98	73.78634	154.2007	70.04566	63.16612	63.79024	1.024086	35.18567	20.7603	14.42538	31.10321	2
1687.485	1690.985	1329.985	73.03112	97.27706	72.72432	71.41449	51.64807	2.728903	45.62303	27.94842	17.67461	29.42557	2
1687.49	1690.99	1329.99	72.51191	78.49281	72.79512	68.26383	52.09893	2.370561	45.53051	24.01116	21.51935	30.46068	2
1687.495	1690.995	1329.995	74.29375	178.7915	71.50889	69.71526	49.96485	4.178238	45.85691	26.80659	19.05033	27.59266	2
1687.5	1691	1330	75.00176	197.8403	70.48227	68.74764	58.14709	2.646401	39.20651	28.72055	10.48596	28.27721	2
1687.505	1691.005	1330.005	72.31131	185.169	66.9186	62.2221	70.45622	0.968937	28.57485	12.4261	16.14874	31.22433	2
1687.51	1691.01	1330.01	67.96882	126.1288	66.13978	56.97099	61.12056	1.763391	37.11605	20.94166	16.17439	31.18279	2
1687.515	1691.015	1330.015	63.96854	55.35018	63.37853	58.72923	72.3268	0	27.6732	21.82914	5.844062	31.4814	2
1687.52	1691.02	1330.02	59.85025	46.99543	58.72923	56.34558	82.2528	0	17.7472	17.7472	0	31.68406	2
1687.525	1691.025	1330.025	60.81787	73.1597	58.72923	56.47538	82.52989	0	17.47011	5.810076	11.66003	32.47605	2
1687.53	1691.03	1330.03	59.59065	74.95597	57.4312	56.41638	83.77295	0	16.22705	16.22705	0	32.52186	2
1687.535	1691.035	1330.035	63.62633	180.7688	58.49323	56.06238	77.49929	2.135887	20.36482	20.36482	0	31.75146	2
1687.54	1691.04	1330.04	64.02754	208.0192	58.55223	55.94437	73.18769	3.637441	23.17487	9.201567	13.9733	29.97336	2
1687.545	1691.045	1330.045	64.60575	200.0822	59.51985	57.1126	71.55858	3.378281	25.06314	19.74645	5.316685	29.81982	2
1687.55	1691.05	1330.05	70.82448	383.7612	62.52891	56.14498	46.26194	11.35842	42.37964	22.90954	19.4701	22.69704	2
1687.555	1691.055	1330.055	71.9691	334.329	67.2254	55.37796	29.64447	11.94205	58.41348	23.23787	35.17562	24.93458	2
1687.56	1691.06	1330.06	70.38787	203.3127	68.81844	54.61095	38.20459	7.503539	54.29187	26.42511	27.86676	28.27417	2
1687.565	1691.065	1330.065	74.71856	240.7141	72.09891	62.89472	33.30844	8.638115	58.05345	40.04809	18.00536	26.83323	2
1687.57	1691.07	1330.07	76.99601	166.705	74.39995	69.26685	48.94048	3.734201	47.32532	22.18701	25.1383	28.62529	2
1687.575	1691.075	1330.075	75.66258	153.6159	72.93672	70.74188	54.34077	2.590375	43.06886	12.79902	30.26984	28.88022	2
1687.58	1691.08	1330.08	73.91614	76.3902	73.06652	71.22569	60.09525	0.532417	39.37233	9.747979	29.62435	31.27313	2
1687.585	1691.085	1330.085	69.72706	70.17984	68.54703	65.66777	68.01277	0	31.98723	24.20233	7.784898	31.49272	2
1687.59	1691.09	1330.09	68.64143	56.85403	68.33463	65.14856	65.46895	0	34.53105	7.796551	26.73449	31.49734	2
1687.595	1691.095	1330.095	70.12826	41.50915	68.96004	67.013	74.49052	0	25.50948	15.30024	10.20924	31.01807	2
1687.6	1691.1	1330.1	68.19302	42.55349	67.0366	65.01876	75.92676	0	24.07324	17.0497	7.023545	31.07091	2
1687.605	1691.105	1330.105	67.0012	54.73749	65.46717	61.9861	77.00117	0	22.99883	21.03285	1.965988	31.57353	2
1687.61	1691.11	1330.11	68.08682	29.1859	67.81542	66.23418	72.40053	0	27.59947	13.22354	14.37593	30.75516	2
1687.615	1691.115	1330.115	67.49681	30.43912	67.2254	66.7534	72.64006	0	27.35994	19.87053	7.489411	30.52538	2
1687.62	1691.12	1330.12	66.7888	48.61068	65.32557	62.94192	78.13056	0	21.86944	6.853119	15.01632	31.34845	2
1687.625	1691.125	1330.125	67.0248	72.82551	64.42875	61.51409	80.83282	0	19.16718	5.666557	13.50062	32.08481	2
1687.63	1691.13	1330.13	67.92162	54.96029	65.88018	63.28412	80.0329	0	19.9671	15.05946	4.907639	31.59493	2
1687.635	1691.135	1330.135	69.14884	50.39303	67.93342	65.92738	73.60749	0	26.39251	21.67547	4.717041	31.09794	2

1687.64	1691.14	1330.14	70.85988	36.67732	69.99846	68.94824	72.60899	0	27.39101	21.68285	5.708165	30.83857	2
1687.645	1691.145	1330.145	74.30555	72.01789	72.57091	72.0163	67.65399	0	32.34601	12.14254	20.20347	30.92637	2
1687.65	1691.15	1330.15	77.82202	197.6593	73.55033	70.35247	53.67577	2.671166	43.65307	14.45235	29.20071	28.23469	2
1687.655	1691.155	1330.155	76.29979	153.3652	72.91312	68.73584	58.93649	1.399283	39.66422	16.01841	23.64581	30.00708	2
1687.66	1691.16	1330.16	76.7246	92.1389	74.94276	73.44413	60.92499	0.247257	38.82775	16.78325	22.04451	31.22824	2
1687.665	1691.165	1330.165	79.09645	104.5178	77.09041	73.82174	57.48477	0.849639	41.66559	22.69781	18.96778	30.89678	2
1687.67	1691.17	1330.17	80.44168	171.6343	77.23201	69.99846	49.33307	2.797733	47.86919	27.7835	20.08569	29.29509	2
1687.675	1691.175	1330.175	78.30583	83.46389	77.03141	71.27289	57.63718	0.910937	41.45189	27.28455	14.16733	31.74024	2
1687.68	1691.18	1330.18	76.37059	52.1336	75.46197	73.10193	64.16452	0	35.83548	9.585539	26.24994	31.75216	2
1687.685	1691.185	1330.185	77.44441	107.9433	75.08437	71.7921	60.91924	0.23855	38.84221	23.68075	15.16146	31.28589	2
1687.69	1691.19	1330.19	79.86346	41.00787	80.54788	81.33849	51.2975	3.11668	45.58582	13.93088	31.65494	30.47939	2
1687.695	1691.195	1330.195	80.19387	29.28338	80.27647	78.37663	58.4949	0.911938	40.59316	13.92244	26.67072	32.32575	2
1687.7	1691.2	1330.2	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1688.005	1691.505	1330.505	70.10466	35.29879	70.01026	68.00422	67.69302	0	32.30698	9.513679	22.7933	31.13313	2
1688.01	1691.51	1330.51	81.4329	102.3735	80.47708	77.91642	47.71496	3.553192	48.73185	22.41365	26.31819	29.65221	2
1688.015	1691.515	1330.515	81.5273	62.29854	81.3739	81.5155	51.10751	2.98136	45.91113	27.65746	18.25367	30.27109	2
1688.02	1691.52	1330.52	77.42081	46.34098	77.53882	77.86922	56.64382	1.243787	42.1124	25.95622	16.15618	31.1335	2
1688.025	1691.525	1330.525	75.89858	44.16874	75.80418	76.27619	60.21608	0.215092	39.56883	20.6358	18.93303	31.67946	2
1688.03	1691.53	1330.53	77.79842	82.60056	76.42959	75.66258	59.04453	0.5722	40.38327	14.91216	25.47111	31.0351	2
1688.035	1691.535	1330.535	79.52126	66.54553	79.07285	78.18783	54.2116	1.910296	43.87811	28.1227	15.7554	30.70881	2
1688.04	1691.54	1330.54	78.15243	55.82361	77.00781	75.24957	63.46128	0	36.53872	23.35979	13.17893	31.65496	2
1688.045	1691.545	1330.545	81.00809	93.08577	81.5863	85.03197	38.46466	6.834795	54.70054	25.43549	29.26505	27.97015	2
1688.05	1691.55	1330.55	81.5037	73.41035	80.96089	82.02291	51.45808	2.689474	45.85245	22.34597	23.50648	29.95291	2
1688.055	1691.555	1330.555	80.72488	57.60596	80.01687	76.40599	57.27958	0.987598	41.73282	15.25658	26.47624	31.941	2
1688.06	1691.56	1330.56	77.49162	38.71031	77.22021	76.642	61.44321	0	38.55679	20.44735	18.10944	32.15657	2
1688.065	1691.565	1330.565	76.819	28.3365	76.8072	74.93096	62.56054	0	37.43946	14.15682	23.28264	32.33644	2
1688.07	1691.57	1330.57	75.36757	38.09763	75.41477	77.05501	61.0764	0	38.9236	8.37174	30.55186	31.64786	2
1688.075	1691.575	1330.575	77.18481	62.88337	76.22899	76.7954	61.1798	0	38.8202	9.492735	29.32746	31.53403	2
1688.08	1691.58	1330.58	77.73942	40.65975	77.53882	77.44441	60.19475	0.246863	39.55838	10.98407	28.57431	31.9552	2
1688.085	1691.585	1330.585	74.82476	24.99461	74.96636	75.78058	64.0151	0	35.9849	10.68821	25.29669	31.44989	2
1688.09	1691.59	1330.59	75.68618	34.78358	75.55638	75.54458	62.95706	0	37.04294	14.29693	22.74601	31.71736	2
1688.095	1691.595	1330.595	75.33217	32.29108	74.93096	74.64776	65.98932	0	34.01068	16.77471	17.23597	31.33826	2
1688.1	1691.6	1330.6	74.31735	43.2358	73.75094	73.39693	65.55466	0	34.44534	13.56709	20.87825	31.25266	2
1688.105	1691.605	1330.605	75.23777	95.74536	73.36153	67.70921	62.15172	0.17525	37.67303	16.14839	21.52463	32.02047	2
1688.11	1691.61	1330.61	77.01961	130.2783	75.69798	72.28771	47.85722	3.77128	48.3715	15.45938	32.91212	28.96699	2
1688.115	1691.615	1330.615	73.34973	86.1374	72.32311	71.60329	59.62931	0.792557	39.57813	20.46705	19.11108	30.72411	2
1688.12	1691.62	1330.62	74.36455	105.1166	74.24655	73.85714	47.06091	3.898263	49.04082	19.58015	29.46068	28.6917	2
1688.125	1691.625	1330.625	72.96032	76.05601	73.30253	74.51795	51.81884	2.426712	45.75444	15.79468	29.95976	29.43911	2
1688.13	1691.63	1330.63	71.9809	53.02477	72.18151	72.96032	59.39089	0.378254	40.23085	19.30285	20.928	31.06332	2
1688.135	1691.635	1330.635	68.44083	123.9983	67.52041	64.61755	54.16009	2.842191	42.99772	28.9204	14.07732	29.08179	2
1688.14	1691.64	1330.64	72.91312	131.2809	71.9573	67.73282	48.55756	3.893901	47.54854	31.40389	16.14465	28.86315	2
1688.145	1691.645	1330.645	72.66532	105.7432	72.57091	73.05472	48.28967	3.590121	48.12021	20.60901	27.5112	28.52644	2
1688.15	1691.65	1330.65	72.39391	91.0667	71.6387	70.96608	57.21238	1.431034	41.35659	11.03823	30.31836	30.14702	2
1688.155	1691.655	1330.655	72.84232	104.7546	72.61812	72.66532	49.37205	3.337341	47.29061	24.8627	22.42791	28.74435	2
1688.16	1691.66	1330.66	73.36153	168.2367	73.23173	64.21634	32.80008	7.902851	59.29706	33.09799	26.19907	28.31111	2
1688.165	1691.665	1330.665	70.71828	113.1928	69.51465	68.83024	56.87461	1.987863	41.13753	18.41594	22.72159	29.46554	2
1688.17	1691.67	1330.67	73.01932	76.09779	72.91312	74.01054	55.22962	1.647812	43.12256	18.17332	24.94924	29.9056	2
1688.175	1691.675	1330.675	72.88952	112.3295	72.26411	72.54731	50.60484	3.168904	46.22625	33.14665	13.0796	28.66255	2
1688.18	1691.68	1330.68	70.69468	141.404	70.85988	67.0012	39.4608	5.988711	54.55049	31.32335	23.22714	27.86271	2
1688.185	1691.685	1330.685	67.23721	113.2068	68.55883	66.34039	40.50312	4.969065	54.52781	20.29491	34.2329	28.06928	2
1688.19	1691.69	1330.69	64.19274	67.38101	65.00696	62.45811	58.32629	0.514993	41.15871	15.89889	25.25982	30.71696	2
1688.195	1691.695	1330.695	65.65597	70.41656	64.74735	63.57913	69.59749	0	30.40251	10.55462	19.84789	31.10197	2
1688.2	1691.7	1330.7	65.14856	121.8818	61.78549	59.53165	76.63172	0	23.36828	22.52356	0.844728	32.7806	2
1688.205	1691.705	1330.705	64.82996	120.2108	61.32528	56.34558	78.42663	0	21.57337	21.57337	0	33.4568	2
1688.21	1691.71	1330.71	66.9068	103.6127	66.9894	60.20426	52.7313	2.562812	44.70589	17.14231	27.56358	30.02296	2
1688.215	1691.715	1330.715	65.98638	82.58664	64.93616	65.01876	67.44578	0	32.55422	19.82328	12.73094	31.07218	2
1688.22	1691.72	1330.72	74.03414	115.4486	72.68892	70.25807	54.37553	2.31634	43.30813	19.84444	23.46368	29.63287	2
1688.225	1691.725	1330.725	83.43894	271.5988	81.14969	76.41779	15.25094	11.80574	72.94332	44.49402	28.4493	27.32579	2
1688.23	1691.73	1330.73	83.25013	263.7036	82.66012	83.26193	4.166211	15.92223	79.91156	73.88005	6.031513	-9999	2
1688.235	1691.735	1330.735	82.07011	173.6673	81.01989	80.64228	30.60724	8.266292	61.12647	33.31382	27.81265	27.1843	2
1688.24	1691.74	1330.74	80.31187	185.8234	80.70128	80.01687	18.1259	12.30967	69.56444	46.44534	23.1191	27.57653	2
1688.245	1691.745	1330.745	79.40326	189.5691	82.05831	81.7987	0.496603	18.16748	81.33592	81.33592	0	-9999	2
1688.25	1691.75	1330.75	81.05529	159.0465	84.18235	89.48066	2.705141	18.69955	78.59531	78.59531	0	-9999	2
1688.255	1691.755	1330.755	81.4447	116.4094	82.62472	85.77539	27.75461	10.29194	61.95345	26.74603	35.20742	27.51932	2
1688.26	1691.76	1330.76	79.27345	174.9623	82.61292	85.38598	0	19.01651	80.98349	80.98349	0	-9999	2
1688.265	1691.765	1330.765	77.77482	176.2712	79.89887	86.75481	9.328204	14.88251	75.78928	70.16531	5.623974	27.39559	2
1688.27	1691.77	1330.77	75.63898	119.3614	75.34397	71.6269	43.81297	4.822784	51.36425	28.10603	23.25821	28.82537	2
1688.275	1691.775	1330.775	74.36455	55.78184	74.48255	73.68014	57.17089	1.01438	41.81473	26.56555	15.24918	31.06577	2
1688.28	1691.78	1330.78	70.38787	73.3825	70.45867	69.91586	56.93588	1.18244	41.88168	20.81807	21.06361	30.35833	2
1688.285	1691.785	1330.785	71.6151	140.9584	71.8157	71.8393	38.44749	6.226798	55.32572	23.1413	32.18442	27.18167	2
1688.29	1691.79	1330.79	72.15791	102.095	72.0871	70.60027	49.45646	3.272119	47.27142	32.82727	14.44415	29.05284	2
1688.295	1691.795	1330.795	77.38541	123.2046	76.7246	70.69468	44.11121	4.731665	51.15713	29.95945	21.19768	29.30269	2
1688.3	1691.8	1330.8	75.98118	139.0369	76.24079	75.14337	34.43845	7.369026	58.19252	32.70217	25.49035	27.6097	2

1688.305	1691.805	1330.805	73.16093	72.79766	74.30555	76.18179	46.20408	3.742833	50.05309	24.39095	25.66213	28.83346	2
1688.31	1691.81	1330.81	71.9337	73.9534	72.19331	76.25259	53.91233	1.879553	44.20812	29.56782	14.6403	29.1634	2
1688.315	1691.815	1330.815	69.50285	63.12009	69.45565	69.91586	61.14812	0.131601	38.72028	12.67999	26.04028	31.04172	2
1688.32	1691.82	1330.82	71.04868	93.44781	72.11071	74.93096	43.79017	4.312454	51.89737	36.23486	15.66251	27.93649	2
1688.325	1691.825	1330.825	73.93974	99.64424	72.92492	71.9691	55.72639	1.814193	42.45941	25.44747	17.01195	29.89256	2
1688.33	1691.83	1330.83	73.38513	127.4238	71.8983	69.91586	53.17207	2.806579	44.02136	19.12802	24.89334	29.07417	2
1688.335	1691.835	1330.835	67.33161	102.6519	65.46717	62.1631	67.66255	0.096582	32.24087	15.71125	16.52963	31.88613	2
1688.34	1691.84	1330.84	69.04264	82.04358	68.49983	66.25778	60.83301	0.613261	38.55373	16.28771	22.26602	31.00472	2
1688.345	1691.845	1330.845	68.77124	85.80322	68.28743	70.11646	59.71561	0.907786	39.3766	25.15486	14.22175	29.95662	2
1688.35	1691.85	1330.85	71.00148	72.22676	71.15489	71.17849	56.01089	1.368934	42.62018	29.9489	12.67128	30.18134	2
1688.355	1691.855	1330.855	74.01054	86.94503	74.08135	75.00176	50.32089	2.93771	46.7414	15.46617	31.27523	29.14123	2
1688.36	1691.86	1330.86	71.6151	88.40711	72.19331	74.98996	48.23845	3.314063	48.44749	34.65669	13.7908	28.42232	2
1688.365	1691.865	1330.865	70.78908	74.1205	70.37607	69.58545	60.1377	0.559463	39.30283	27.28382	12.01901	30.9213	2
1688.37	1691.87	1330.87	71.26109	68.88486	70.71828	71.34369	61.97645	0.085807	37.93774	12.98039	24.95735	31.13755	2
1688.375	1691.875	1330.875	71.47349	64.72141	70.74188	68.12222	64.25182	0	35.74818	21.87527	13.8729	31.64739	2
1688.38	1691.88	1330.88	70.52947	70.79253	69.83326	64.94796	63.37675	0	36.62325	7.950106	28.67314	32.12783	2
1688.385	1691.885	1330.885	69.24325	62.32639	69.03084	68.48803	62.85936	0	37.14064	10.77914	26.3615	31.24445	2
1688.39	1691.89	1330.89	67.93342	64.44292	67.42601	66.56459	65.8385	0	34.1615	12.87603	21.28547	31.0808	2
1688.395	1691.895	1330.895	67.69741	71.89257	68.12222	66.8006	57.02811	1.035122	41.93677	14.56223	27.37454	30.39046	2
1688.4	1691.9	1330.9	68.47623	79.11942	67.73282	65.76217	63.61644	0.056397	36.32717	17.93008	18.39709	31.48918	2
1688.405	1691.905	1330.905	68.41723	82.25245	67.79182	65.93918	61.99801	0.420018	37.58198	8.671745	28.91023	31.08879	2
1688.41	1691.91	1330.91	64.58215	73.91163	63.27232	60.27506	72.84897	0	27.15103	20.97003	6.181001	31.59923	2
1688.415	1691.915	1330.915	63.36673	84.10442	61.44329	58.98884	76.256	0	23.744	19.45022	4.293784	31.98334	2
1688.42	1691.92	1330.92	61.9625	53.47036	60.80607	57.65541	79.01696	0	20.98304	7.804969	13.17807	31.62421	2
1688.425	1691.925	1330.925	57.64361	37.03936	56.97099	56.03877	83.21711	0	16.78289	16.78289	0	31.16017	2
1688.43	1691.93	1330.93	58.74103	35.73045	57.78521	57.089	84.71908	0	15.28092	15.28092	0	31.38873	2
1688.435	1691.935	1330.935	60.53467	74.53824	58.90623	56.38098	78.89021	0	21.10979	20.55094	0.558847	32.04672	2
1688.44	1691.94	1330.94	65.27836	98.04291	65.44357	67.2254	54.93719	2.007543	43.05526	13.97086	29.08441	28.74091	2
1688.445	1691.945	1330.945	68.73584	82.08535	70.16367	69.58545	45.8327	3.445235	50.72207	27.72358	22.99849	28.85111	2
1688.45	1691.95	1330.95	72.27591	92.96045	72.93672	70.58847	45.88843	3.946132	50.16544	35.11113	15.05431	29.10546	2
1688.455	1691.955	1330.955	76.16999	62.28461	76.8072	75.69798	49.91233	3.044119	47.04355	19.62622	27.41733	30.09542	2
1688.46	1691.96	1330.96	78.32943	73.50782	79.34425	81.91671	42.28317	5.488741	52.22809	33.29612	18.93197	28.59891	2
1688.465	1691.965	1330.965	80.40628	91.60976	80.94909	81.12609	39.64988	6.388567	53.96156	20.33283	33.62873	28.63182	2
1688.47	1691.97	1330.97	78.14063	84.7171	78.43564	77.51522	45.32279	4.466692	50.21052	34.03522	16.1753	29.25514	2
1688.475	1691.975	1330.975	74.44715	79.38399	75.17877	74.23475	46.62768	3.819252	49.55307	32.38621	17.16686	29.3055	2
1688.48	1691.98	1330.98	73.36153	72.39385	72.68892	70.70648	60.20084	0.476733	39.32243	28.55481	10.76762	31.36071	2
1688.485	1691.985	1330.985	73.12553	100.0341	70.11646	67.70921	71.83649	0	28.16351	10.54702	17.61649	31.19394	2
1688.49	1691.99	1330.99	72.75972	115.0448	68.88924	65.25476	75.21643	0	24.78357	13.22834	11.55523	31.56583	2
1688.495	1691.995	1330.995	66.954	47.78913	65.78578	64.06294	75.89109	0	24.10891	8.656838	15.45208	31.06951	2
1688.5	1692	1331	67.54401	61.32382	67.1782	67.82722	65.85415	0	34.14585	22.49433	11.65151	30.74142	2
1688.505	1692.005	1331.005	68.20482	77.72696	67.79182	65.86838	61.64245	0.371826	37.98572	20.10738	17.87834	31.13327	2
1688.51	1692.01	1331.01	67.47321	68.73169	66.9658	65.39637	65.22401	0	34.77599	24.49882	10.27718	31.25815	2
1688.515	1692.015	1331.015	64.72375	61.42129	64.79455	65.83298	65.04148	0	34.95852	12.55434	22.40417	30.46776	2
1688.52	1692.02	1331.02	63.59093	95.24408	63.17792	60.29866	61.64809	0.910372	37.44153	10.40411	27.03742	30.55796	2
1688.525	1692.025	1331.025	60.44027	101.0924	59.34284	56.27478	68.43562	0.322315	31.24206	14.41004	16.83203	31.51111	2
1688.53	1692.03	1331.03	62.0097	55.08561	61.57309	59.81485	73.00408	0	26.99592	20.68366	6.31226	30.85858	2
1688.535	1692.035	1331.035	61.59669	58.03762	61.47869	60.73527	70.20046	0	29.79954	4.641704	25.15783	30.549	2
1688.54	1692.04	1331.04	62.2929	55.62867	61.85629	60.79427	72.61211	0	27.38789	9.712615	17.67527	30.73516	2
1688.545	1692.045	1331.045	64.80636	64.19228	65.34917	66.52919	60.63684	0.094173	39.26899	21.73978	17.52921	30.50684	2
1688.55	1692.05	1331.05	66.05718	53.47036	65.76217	67.0956	68.57386	0	31.42614	22.47358	8.952556	30.3666	2
1688.555	1692.055	1331.055	70.11646	104.852	70.67108	72.0281	45.82042	4.000991	50.17859	31.49775	18.68083	28.03197	2
1688.56	1692.06	1331.06	70.22267	62.99477	70.06926	70.02206	61.33929	0.102581	38.55813	18.33224	20.22589	31.21492	2
1688.565	1692.065	1331.065	67.81542	47.84483	67.33161	67.37881	69.78089	0	30.21911	4.838333	25.38077	30.63394	2
1688.57	1692.07	1331.07	65.84478	67.61772	64.53495	61.9979	73.21048	0	26.78952	22.2537	4.535828	31.41613	2
1688.575	1692.075	1331.075	67.23721	80.31693	66.41119	63.17792	65.1067	0	34.8933	18.78699	16.10631	31.71108	2
1688.58	1692.08	1331.08	65.32557	115.9221	63.93314	60.38126	62.63866	1.404413	35.95693	27.17043	8.786494	30.45006	2
1688.585	1692.085	1331.085	71.9455	159.1579	71.27289	66.22238	40.50669	6.087906	53.4054	30.48519	22.92021	27.78457	2
1688.59	1692.09	1331.09	70.16367	117.7462	68.16942	66.69439	62.41022	1.112424	36.47736	14.54641	21.93094	30.36489	2
1688.595	1692.095	1331.095	73.47953	90.74644	72.18151	66.30499	60.4979	0.659844	38.84226	23.46174	15.38052	31.72817	2
1688.6	1692.1	1331.1	67.31981	67.01897	66.04538	63.73253	71.72399	0	28.27601	10.61087	17.66514	31.32125	2
1688.605	1692.105	1331.105	64.00394	74.87243	63.66173	61.53769	65.64935	0	34.35065	23.73668	10.61397	31.24278	2
1688.61	1692.11	1331.11	63.62633	91.10848	64.14554	65.32557	55.39164	1.668736	42.93962	17.82435	25.11527	28.98106	2
1688.615	1692.115	1331.115	72.31131	95.43902	71.17849	71.9927	59.15673	1.098046	39.74522	10.91858	28.82664	30.071	2
1688.62	1692.12	1331.12	73.04292	141.418	72.16971	62.55251	45.3448	4.737553	49.91764	18.98315	30.9345	29.36928	2
1688.625	1692.125	1331.125	71.8629	138.0204	72.45291	68.60603	35.91261	6.749886	57.3375	31.4348	25.9027	27.93295	2
1688.63	1692.13	1331.13	73.88074	125.3629	74.32915	74.88376	38.21672	6.204115	55.57917	19.66678	35.91239	27.54254	2
1688.635	1692.135	1331.135	72.68892	65.48726	72.73612	72.78332	56.91247	1.124021	41.96351	17.83586	24.12764	30.55848	2
1688.64	1692.14	1331.14	73.44413	91.73508	73.38513	71.7685	50.68877	2.885051	46.42618	33.09463	13.33155	29.51069	2
1688.645	1692.145	1331.145	74.15215	126.5326	72.84232	68.53523	51.3103	3.141412	45.54829	29.73756	15.81073	29.35643	2
1688.65	1692.15	1331.15	74.88376	137.5609	73.92794	71.9691	45.22482	4.631809	50.14338	19.27839	30.86499	28.16025	2
1688.655	1692.155	1331.155	77.30281	161.5807	75.99299	74.12855	39.93003	5.950853	54.11911	31.43404	22.68508	27.49967	2
1688.66	1692.16	1331.16	76.6538	190.7806	76.21719	75.89858	26.69333	9.596889	63.70978	30.88254	32.82725	26.60418	2
1688.665	1692.165	1331.165	80.71308	202.4911	81.96391	83.48614	7.047211	15.92305	77.02974	74.28777	2.74197	-9999	2

1688.67	1692.17	1331.17	83.35634	87.98937	83.07313	83.74574	44.21359	4.983854	50.80256	31.85	18.95256	29.06149	2
1688.675	1692.175	1331.175	82.14091	63.87201	82.05831	81.5981	49.6135	3.495008	46.8915	26.92154	19.96995	30.18768	2
1688.68	1692.18	1331.18	75.67438	63.55175	75.61538	75.89858	55.45731	1.53629	43.0064	31.46529	11.54112	30.50903	2
1688.685	1692.185	1331.185	78.80144	141.042	77.69222	76.7246	41.96699	5.247053	52.78596	23.82795	28.95801	27.96172	2
1688.69	1692.19	1331.19	82.81353	136.9621	84.09975	82.76632	20.69848	12.74422	66.5573	33.41636	33.14094	28.3663	2
1688.695	1692.195	1331.195	84.24135	109.1547	84.07615	77.35001	37.36284	7.092748	55.54441	33.6097	21.93472	29.66722	2
1688.7	1692.2	1331.2	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1689.01	1692.51	1331.51	65.19576	19.96784	64.85356	63.55553	77.83979	0	22.16021	15.18298	6.97723	30.58265	2
1689.015	1692.515	1331.515	70.42327	40.50658	70.19907	67.072	67.14558	0	32.85442	18.21858	14.63584	31.40667	2
1689.02	1692.52	1331.52	71.8157	74.37114	70.90708	71.7567	62.97354	0	37.02646	24.04487	12.98159	31.1404	2
1689.025	1692.525	1331.525	71.29649	108.0129	68.79484	66.7888	67.65591	0	32.34409	19.05235	13.29174	31.54852	2
1689.03	1692.53	1331.53	70.94248	67.99369	69.51465	64.58215	69.34412	0	30.65588	24.32739	6.32849	31.78373	2
1689.035	1692.535	1331.535	76.8426	129.0112	73.56214	68.98364	63.50773	0	36.49227	19.64914	16.84313	31.38826	2
1689.04	1692.54	1331.54	75.39117	75.8193	75.32037	74.54156	52.84056	2.26717	44.89227	20.92042	23.97185	30.06583	2
1689.045	1692.545	1331.545	75.45017	73.56352	74.43535	72.34671	60.64833	0.296003	39.05567	22.55005	16.50561	31.57316	2
1689.05	1692.55	1331.55	75.66258	96.1074	75.67438	77.38541	47.04099	3.873372	49.08564	15.81716	33.26848	28.55885	2
1689.055	1692.555	1331.555	77.24381	119.5285	76.642	73.58574	44.67384	4.577201	50.74896	30.89771	19.85125	28.85434	2
1689.06	1692.56	1331.56	77.32641	164.8252	75.68618	75.03717	41.68382	5.500533	52.81564	28.9513	23.86434	27.2909	2
1689.065	1692.565	1331.565	75.36757	108.6674	73.77454	71.6741	56.71034	1.574859	41.71481	15.51857	26.19624	30.15254	2
1689.07	1692.57	1331.57	73.84534	80.56758	74.62416	73.98694	46.52911	3.797931	49.67296	30.98694	18.68602	29.18201	2
1689.075	1692.575	1331.575	73.06652	78.61814	72.86592	70.44687	55.30789	1.662605	43.02951	22.78765	20.24186	30.50486	2
1689.08	1692.58	1331.58	73.03112	97.36061	72.68892	69.92766	51.9022	2.672935	45.42486	22.0169	23.40796	29.70734	2
1689.085	1692.585	1331.585	69.24325	73.96733	67.82722	65.27836	69.37035	0	30.62965	10.71002	19.91964	31.42692	2
1689.09	1692.59	1331.59	68.18122	84.06264	66.52919	63.92134	69.73338	0	30.26662	7.027536	23.23909	31.58008	2
1689.095	1692.595	1331.595	65.85658	87.12605	64.58215	60.99488	68.20425	0	31.79575	22.94381	8.851945	31.82449	2
1689.1	1692.6	1331.6	68.74764	86.81971	68.42903	66.29319	58.21101	1.203908	40.58509	22.29419	18.29089	30.41689	2
1689.105	1692.605	1331.605	70.37607	127.0617	69.06624	66.15158	54.65624	2.729716	42.61405	13.66558	28.94847	29.20742	2
1689.11	1692.61	1331.61	69.83326	138.9115	68.62963	64.81816	51.4649	3.622267	44.91283	22.07637	22.83646	28.66897	2
1689.115	1692.615	1331.615	69.55005	169.0165	66.41119	59.95646	59.43817	3.041529	37.5203	11.61716	25.90315	29.46423	2
1689.12	1692.62	1331.62	68.32283	136.8646	66.62359	60.78247	57.19083	2.67649	40.13268	29.93149	10.20119	29.69842	2
1689.125	1692.625	1331.625	69.79786	130.3897	68.79484	62.55251	52.00507	3.328723	44.6662	28.76624	15.89996	29.37836	2
1689.13	1692.63	1331.63	68.25203	111.2713	66.65899	63.95674	62.6265	1.080086	36.29342	18.84646	17.44696	30.63002	2
1689.135	1692.635	1331.635	68.94824	96.62261	67.89802	68.22843	61.32417	0.879662	37.79617	13.54715	24.24903	30.24938	2
1689.14	1692.64	1331.64	66.9658	88.60205	66.15158	63.69713	63.25995	0.409986	36.33007	14.73678	21.59329	31.1653	2
1689.145	1692.645	1331.645	64.27534	72.4217	64.28714	62.55251	63.24918	0	36.75082	18.79575	17.95507	31.16565	2
1689.15	1692.65	1331.65	64.33435	119.4868	62.43451	57.76161	66.62036	1.033541	32.3461	26.99694	5.349162	31.24168	2
1689.155	1692.655	1331.655	64.23994	118.5817	62.1985	58.63483	68.02367	0.821654	31.15468	17.30984	13.84484	31.34492	2
1689.16	1692.66	1331.66	65.90378	143.0611	63.44933	61.9507	63.76974	2.087783	34.14248	13.64264	20.49984	29.6231	2
1689.165	1692.665	1331.665	66.08078	120.2248	65.19576	61.14828	56.97018	2.354574	40.67525	25.78908	14.88617	29.58026	2
1689.17	1692.67	1331.67	65.56157	130.8492	66.836	55.30716	38.14104	5.67044	56.18852	24.16524	32.02327	29.21027	2
1689.175	1692.675	1331.675	63.33132	118.15	63.73253	59.62605	50.03352	3.311016	46.65547	21.54133	25.11413	28.65421	2
1689.18	1692.68	1331.68	64.19274	91.54014	64.42875	62.48171	56.96093	1.470826	41.56825	23.35375	18.2145	29.78818	2
1689.185	1692.685	1331.685	61.65569	69.12158	61.45509	62.65871	68.10403	0	31.89597	19.30848	12.5875	30.37056	2
1689.19	1692.69	1331.69	59.22484	67.79874	58.61123	56.48718	73.86135	0	26.13865	15.59279	10.54586	31.16607	2
1689.195	1692.695	1331.695	59.15404	109.0155	57.93861	57.4548	68.61608	0.665356	30.71856	21.60377	9.114787	30.75605	2
1689.2	1692.7	1331.7	58.97704	127.8833	56.99459	54.88235	70.15729	1.30713	28.53558	26.82645	1.70913	30.86518	2
1689.205	1692.705	1331.705	60.10986	132.1024	60.32226	48.35682	51.08401	3.578795	45.33719	17.73174	27.60546	29.63111	2
1689.21	1692.71	1331.71	60.57007	91.8604	61.28988	57.78521	56.46675	1.417103	42.11614	20.5759	21.54024	29.77272	2
1689.215	1692.715	1331.715	63.73253	124.9591	63.47293	61.37248	53.13791	3.10137	43.76072	27.31604	16.44468	28.45104	2
1689.22	1692.72	1331.72	66.895	161.9289	66.31679	61.9271	43.75096	5.647597	50.60144	23.6064	26.99504	27.38828	2
1689.225	1692.725	1331.725	64.46415	179.1814	62.96552	53.84393	48.94547	5.493963	45.56056	27.98672	17.57384	27.99512	2
1689.23	1692.73	1331.73	64.73555	147.8372	63.93314	56.55799	50.88542	4.165253	44.94933	14.66493	30.2844	28.67281	2
1689.235	1692.735	1331.735	65.37277	105.9103	64.71195	58.91803	59.34807	1.570611	39.08132	15.13414	23.94718	30.56601	2
1689.24	1692.74	1331.74	64.95976	88.40711	64.48775	61.56129	62.50058	0.556475	36.94295	27.85406	9.088892	30.97801	2
1689.245	1692.745	1331.745	62.2693	91.54014	61.73829	58.97704	64.67486	0.382663	34.94247	21.84457	13.0979	31.07802	2
1689.25	1692.75	1331.75	60.73527	96.76185	59.99186	54.58735	66.46865	0.375637	33.15571	14.96938	18.18633	31.66758	2
1689.255	1692.755	1331.755	60.87687	108.8205	59.93285	52.2745	64.97486	1.017452	34.00769	17.01935	16.98834	31.48223	2
1689.26	1692.76	1331.76	57.325	87.98937	57.0418	53.65513	68.16242	0	31.83758	24.79784	7.039748	31.43376	2
1689.265	1692.765	1331.765	54.57554	78.67383	52.78191	50.10325	84.65212	0	15.34788	15.34788	0	33.0884	2
1689.27	1692.77	1331.77	58.82363	111.8422	57.52561	50.35106	68.87616	0.767316	30.35652	10.6883	19.66822	31.94434	2
1689.275	1692.775	1331.775	64.91256	192.3262	64.81816	63.72073	34.46912	8.003712	57.52716	40.15896	17.3682	25.71191	2
1689.28	1692.78	1331.78	67.49681	193.1756	67.70921	64.93616	29.50831	8.890537	61.60116	40.52028	21.08088	26.30903	2
1689.285	1692.785	1331.785	66.18698	142.4066	64.88896	59.53165	54.70528	3.372514	41.9222	20.79345	21.12875	28.96918	2
1689.29	1692.79	1331.79	59.37824	64.61002	58.58763	59.33104	75.86367	0	24.13633	11.83349	12.30285	30.75464	2
1689.295	1692.795	1331.795	57.51381	65.76576	55.07116	53.36012	90.10253	0	9.897475	4.990813	4.906662	33.62719	2
1689.3	1692.8	1331.8	55.82637	64.73534	53.54892	51.70809	90.624	0	9.376	9.376	0	33.75123	2
1689.305	1692.805	1331.805	54.96495	69.42792	53.10051	49.60764	87.08008	0	12.91992	10.75383	2.166082	33.41062	2
1689.31	1692.81	1331.81	54.68175	67.97976	53.67873	50.30386	81.0151	0	18.9849	5.089413	13.89549	32.13616	2
1689.315	1692.815	1331.815	57.1362	65.38979	56.31018	53.52532	78.012	0	21.988	17.28414	4.703862	31.58612	2
1689.32	1692.82	1331.82	58.87083	100.8	57.03	54.81155	75.71173	0	24.28827	20.78768	3.500591	32.38313	2
1689.325	1692.825	1331.825	57.64361	94.11618	55.93257	53.50172	77.45229	0	22.54771	9.093344	13.45437	32.41557	2
1689.33	1692.83	1331.83	61.11288	150.6639	59.30744	51.31868	61.30763	3.07783	35.61454	20.51952	15.09501	29.79573	2
1689.335	1692.835	1331.835	62.48171	156.6514	60.34586	55.02395	61.15997	3.233815	35.60621	13.62946	21.97675	29.23037	2

1689.34	1692.84	1331.84	60.08626	98.92016	59.29564	55.64937	66.90924	0.420378	32.67038	21.9407	10.72968	31.32589	2
1689.345	1692.845	1331.845	58.48143	112.3574	57.65541	52.07389	65.40824	1.16392	33.42784	27.64257	5.785276	30.90854	2
1689.35	1692.85	1331.85	58.02122	95.96815	56.93559	52.5459	71.80976	0	28.19024	23.56912	4.621118	32.20109	2
1689.355	1692.855	1331.855	56.18038	72.33815	55.92077	55.30716	72.82016	0	27.17984	17.74216	9.437682	30.72421	2
1689.36	1692.86	1331.86	56.87659	56.68693	56.85299	56.97099	74.1382	0	25.8618	18.40385	7.457953	30.27005	2
1689.365	1692.865	1331.865	54.12714	35.0203	54.00913	54.24514	82.64264	0	17.35736	8.616387	8.740972	30.52539	2
1689.37	1692.87	1331.87	51.88509	33.64177	51.71989	51.83789	85.40474	0	14.59526	11.67096	2.924307	30.86802	2
1689.375	1692.875	1331.875	51.14167	43.94595	50.96467	50.17405	83.68652	0	16.31348	13.63952	2.673957	31.02374	2
1689.38	1692.88	1331.88	51.46028	53.26149	50.50446	48.71082	87.17486	0	12.82514	12.82514	0	32.36599	2
1689.385	1692.885	1331.885	50.83487	34.95068	50.78767	50.72867	85.13967	0	14.86033	13.08197	1.778367	30.81163	2
1689.39	1692.89	1331.89	49.92625	26.81873	49.59584	49.67844	90.13837	0	9.861629	7.770608	2.09102	31.56556	2
1689.395	1692.895	1331.895	51.43668	31.72018	51.02367	50.90567	88.20279	0	11.79721	11.73788	0.05933	31.43259	2
1689.4	1692.9	1331.9	50.33926	38.2508	51.15347	52.94711	78.12101	0	21.87899	5.213602	16.66539	29.20966	2
1689.405	1692.905	1331.905	49.76105	31.58093	49.99705	51.35408	84.74822	0	15.25178	15.25178	0	30.2368	2
1689.41	1692.91	1331.91	48.29782	29.70111	48.36862	48.75803	87.82963	0	12.17037	4.687695	7.482676	30.92268	2
1689.415	1692.915	1331.915	47.5072	26.28959	47.07059	45.86697	93.31501	0	6.684985	6.684985	0	32.47124	2
1689.42	1692.92	1331.92	48.30962	26.05287	47.89661	46.09117	92.45117	0	7.548827	7.548827	0	32.384	2
1689.425	1692.925	1331.925	50.49266	55.37802	50.36286	51.41308	81.15124	0	18.84876	5.219163	13.6296	30.58915	2
1689.43	1692.93	1331.93	51.40128	70.17984	51.21248	51.27148	77.19053	0	22.80947	21.89246	0.917014	30.74049	2
1689.435	1692.935	1331.935	52.3571	52.48171	51.22428	49.45424	87.91027	0	12.08973	12.08973	0	32.5455	2
1689.44	1692.94	1331.94	55.49596	73.56352	53.84393	52.66391	83.94461	0	16.05539	3.312281	12.74311	32.49922	2
1689.445	1692.945	1331.945	55.68477	58.85917	54.55194	54.32774	83.30548	0	16.69452	11.01068	5.683847	31.67945	2
1689.45	1692.95	1331.95	56.80579	66.11387	55.73197	55.42516	80.06124	0	19.93876	10.95326	8.985508	31.43835	2
1689.455	1692.955	1331.955	59.76765	65.2784	59.35464	58.95343	72.4172	0	27.5828	8.932279	18.65052	30.67938	2
1689.46	1692.96	1331.96	59.34284	64.88851	58.89443	57.79701	73.17674	0	26.82326	12.55113	14.27213	30.83326	2
1689.465	1692.965	1331.965	61.41969	78.38142	60.66447	58.50503	70.37851	0	29.62149	17.45642	12.16507	31.31245	2
1689.47	1692.97	1331.97	66.836	134.7481	65.26656	60.65267	58.06495	2.585803	39.34925	18.83159	20.51766	29.53202	2
1689.475	1692.975	1331.975	62.43451	188.6083	58.42242	54.19794	68.01068	3.713412	28.27591	19.358	8.917908	29.44438	2
1689.48	1692.98	1331.98	60.49927	164.9923	56.47538	52.14469	75.59764	2.204059	22.1983	22.1983	0	31.70027	2
1689.485	1692.985	1331.985	58.24542	109.5864	56.46358	52.5931	73.70354	0.202037	26.09442	24.38662	1.707804	32.46003	2
1689.49	1692.99	1331.99	57.2424	111.8979	55.83817	48.71082	71.14048	0.598761	28.26076	21.21985	7.040909	32.31136	2
1689.495	1692.995	1331.995	57.3722	96.55299	57.4312	53.98553	63.39449	0.713822	35.89169	10.7436	25.14809	30.49406	2
1689.5	1693	1332	58.45782	123.3578	57.384	53.91473	64.68834	1.70289	33.60877	20.14478	13.46399	30.08132	2
1689.505	1693.005	1332.005	58.88263	70.0406	58.16282	54.04453	74.45672	0	25.54328	5.162479	20.3808	31.63851	2
1689.51	1693.01	1332.01	54.33954	45.92324	53.58432	51.41308	84.74712	0	15.25288	13.03134	2.221537	31.78377	2
1689.515	1693.015	1332.015	55.75557	64.58217	54.61095	52.5223	81.94682	0	18.05318	18.05318	0	31.9839	2
1689.52	1693.02	1332.02	53.61973	57.02112	52.86451	48.56922	82.72366	0	17.27634	11.23877	6.037573	32.1531	2
1689.525	1693.025	1332.025	55.59037	47.51064	55.27176	53.65513	79.82849	0	20.17151	14.69328	5.478226	30.9391	2
1689.53	1693.03	1332.03	55.49596	49.02842	54.51654	52.10929	84.66934	0	15.33066	13.35827	1.97239	31.98348	2
1689.535	1693.035	1332.035	54.19794	34.88105	53.74953	52.73471	85.17185	0	14.82815	5.346224	9.481922	31.24238	2
1689.54	1693.04	1332.04	54.19794	26.40099	53.60792	52.01489	88.32145	0	11.67855	11.67855	0	31.7104	2
1689.545	1693.045	1332.045	54.75255	34.47724	53.70233	52.2273	89.42338	0	10.57662	10.57662	0	32.26541	2
1689.55	1693.05	1332.05	58.68203	93.97694	56.47538	51.55468	80.37162	0	19.62838	17.14522	2.483166	33.29375	2
1689.555	1693.055	1332.055	62.96552	139.3153	60.41666	54.39854	68.11102	1.686964	30.20202	12.19003	18.01199	31.16186	2
1689.56	1693.06	1332.06	62.94192	67.38101	62.98912	63.24872	65.42143	0	34.57857	11.00182	23.57676	30.55468	2
1689.565	1693.065	1332.065	63.75613	70.19377	63.66173	58.91803	65.08908	0	34.91092	10.24397	24.66695	31.60664	2
1689.57	1693.07	1332.07	63.49653	97.56948	63.40213	62.3401	58.703	1.401091	39.89591	21.99386	17.90205	29.67471	2
1689.575	1693.075	1332.075	63.10712	39.0445	62.94192	63.47293	73.77301	0	26.22699	22.09391	4.133086	30.18638	2
1689.58	1693.08	1332.08	63.14252	61.58838	63.42573	59.81485	64.80965	0	35.19035	17.66568	17.52467	31.16662	2
1689.585	1693.085	1332.085	63.75613	60.76683	63.26052	60.87687	70.47976	0	29.52024	16.5778	12.94244	31.06687	2
1689.59	1693.09	1332.09	64.28714	87.47416	65.78578	69.27865	48.07269	2.718452	49.20886	20.23999	28.96887	27.90974	2
1689.595	1693.095	1332.095	70.80088	153.8665	73.93974	75.61538	13.30129	11.96804	74.73066	57.66074	17.06993	28.06423	2
1689.6	1693.1	1332.1	75.62718	72.86729	75.63898	75.36757	52.69766	2.295139	45.0072	29.75485	15.25235	30.02368	2
1689.605	1693.105	1332.105	76.04019	82.86513	74.81296	75.15517	59.50066	0.610694	39.88864	29.00411	10.88454	30.75944	2
1689.61	1693.11	1332.11	71.17849	48.17902	71.30829	73.58574	61.8505	0	38.1495	26.04345	12.10605	30.91936	2
1689.615	1693.115	1332.115	72.72432	39.16982	72.33491	72.84232	66.63244	0	33.36756	22.88646	10.48109	30.91651	2
1689.62	1693.12	1332.12	72.91312	50.53227	72.38211	71.8275	64.80645	0	35.19355	14.68105	20.5125	31.26126	2
1689.625	1693.125	1332.125	72.37031	81.33343	71.7095	72.09891	58.85793	0.926091	40.21598	25.67952	14.53645	30.41762	2
1689.63	1693.13	1332.13	73.06652	94.93773	73.56214	74.23475	45.96289	4.006974	50.03014	30.50672	19.52342	28.54004	2
1689.635	1693.135	1332.135	75.09617	72.5888	76.08739	78.14063	45.66308	4.105203	50.23172	32.38146	17.85025	28.83045	2
1689.64	1693.14	1332.14	75.95758	57.95407	76.7718	78.30583	49.78396	3.055348	47.16069	14.6685	32.49219	29.66056	2
1689.645	1693.145	1332.145	76.937	59.09589	77.25561	77.58602	52.44755	2.394649	45.1578	23.73948	21.41832	30.22877	2
1689.65	1693.15	1332.15	78.30583	62.82767	78.78964	80.33547	49.00481	3.488401	47.50679	21.47016	26.03663	29.57762	2
1689.655	1693.155	1332.155	76.7128	46.82834	76.9134	76.40599	56.53708	1.241003	42.22191	20.00286	22.21905	31.21048	2
1689.66	1693.16	1332.16	78.06983	55.2527	78.76604	78.74244	49.40894	3.389871	47.20119	30.14199	17.05919	30.0468	2
1689.665	1693.165	1332.165	77.62142	68.99626	77.36181	76.76	53.90314	1.997429	44.09943	13.6902	30.40923	30.43907	2
1689.67	1693.17	1332.17	80.97269	85.28801	79.67466	77.92822	54.92514	1.443295	43.63157	23.7455	19.88607	30.7086	2
1689.675	1693.175	1332.175	81.5981	86.94503	80.27647	78.35303	54.13166	1.612237	44.2561	20.42113	23.83497	30.63617	2
1689.68	1693.18	1332.18	84.39476	80.06629	84.48916	85.17357	42.24917	5.997796	51.75304	33.13084	18.6222	29.05111	2
1689.685	1693.185	1332.185	80.84288	80.73467	81.32669	82.82533	42.33723	5.67735	51.98542	18.91176	33.07366	28.75322	2
1689.69	1693.19	1332.19	75.62718	34.10128	75.37937	74.87196	64.09098	0	35.90902	19.23922	16.6698	31.62469	2
1689.695	1693.195	1332.195	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1690.02	1693.52	1332.52	96.76141	61.0314	96.90301	94.56657	35.11248	12.34246	52.54506	25.8681	26.67696	29.49538	2

1690.025	1693.525	1332.525	96.0534	63.24541	96.83221	99.13326	30.28966	15.5742	54.13613	33.30173	20.8344	28.27635	2
1690.03	1693.53	1332.53	93.06794	115.5461	93.64615	94.33056	21.9342	15.42792	62.63788	39.49853	23.13935	28.26336	2
1690.035	1693.535	1332.535	90.42468	105.7293	91.4867	94.64917	22.99214	14.95786	62.05	39.79771	22.25228	27.84902	2
1690.04	1693.54	1332.54	83.93455	152.7247	82.53032	81.3621	36.70361	6.280844	57.01555	21.1598	35.85575	27.89273	2
1690.045	1693.545	1332.545	82.53032	124.6806	82.17631	83.07313	36.64295	6.977313	56.37974	35.29973	21.08	27.88271	2
1690.05	1693.55	1332.55	74.88376	134.219	72.14611	68.93644	59.84279	1.252657	38.90456	18.35301	20.55155	30.24874	2
1690.055	1693.555	1332.555	77.73942	172.6508	80.60688	77.46802	4.475439	16.5039	79.02067	72.0321	6.988565	-9999	2
1690.06	1693.56	1332.56	75.56818	153.9779	76.6774	69.01904	24.61814	10.02076	65.36109	31.05544	34.30565	28.75516	2
1690.065	1693.565	1332.565	71.7213	95.96815	70.03386	69.07804	63.86973	0.200301	35.92997	8.935371	26.9946	31.17606	2
1690.07	1693.57	1332.57	75.11977	171.1191	73.20813	68.09862	44.2942	5.189675	50.51612	36.09599	14.42014	27.9482	2
1690.075	1693.575	1332.575	66.9304	94.14403	65.33737	64.23994	67.98718	0	32.01282	9.069818	22.943	31.47012	2
1690.08	1693.58	1332.58	71.30829	84.59178	71.39089	71.34369	53.285	2.157465	44.55753	25.687	18.87053	29.54843	2
1690.085	1693.585	1332.585	69.59725	72.33815	69.07804	67.73282	62.48858	0.078855	37.43257	26.80802	10.62455	31.38798	2
1690.09	1693.59	1332.59	71.6387	77.15606	70.24627	68.07502	66.21196	0	33.78804	8.245835	25.54221	31.4417	2
1690.095	1693.595	1332.595	70.58847	75.49903	69.49105	69.23145	65.29286	0	34.70714	22.10112	12.60602	31.15118	2
1690.1	1693.6	1332.6	67.0484	84.22974	66.36399	68.12222	63.23608	0.288879	36.47504	27.1925	9.282535	30.48891	2
1690.105	1693.605	1332.605	68.32283	128.496	68.32283	68.60603	46.04698	4.388583	49.56444	20.07342	29.49102	27.56868	2
1690.11	1693.61	1332.61	71.32009	173.2913	69.99846	68.19302	42.69163	5.936335	51.37203	34.41791	16.95413	26.89454	2
1690.115	1693.615	1332.615	77.14941	257.34	75.29677	69.77426	21.1042	11.30137	67.59443	48.17117	19.42326	26.58671	2
1690.12	1693.62	1332.62	73.37333	225.4388	71.7331	66.19878	30.65215	9.166038	60.18181	29.02618	31.15563	26.41737	2
1690.125	1693.625	1332.625	66.21058	191.4629	65.37277	58.33982	39.24533	7.234588	53.52008	25.08705	28.43303	26.92368	2
1690.13	1693.63	1332.63	75.99299	162.458	76.7954	77.60962	24.55289	10.09682	65.35029	32.50453	32.84577	27.04016	2
1690.135	1693.635	1332.635	79.82806	214.7726	81.5627	82.30611	1.139785	17.60341	81.2568	81.2568	0	-9999	2
1690.14	1693.64	1332.64	73.69194	179.3067	72.96032	73.51493	34.48121	7.649012	57.86978	22.93312	34.93666	26.29208	2
1690.145	1693.645	1332.645	72.16971	82.51702	72.0635	70.95428	54.45782	1.893483	43.6487	28.41601	15.23269	29.99455	2
1690.15	1693.65	1332.65	72.85412	145.7067	73.84534	77.56242	30.03122	8.276544	61.69223	31.02706	30.66518	26.46718	2
1690.155	1693.655	1332.655	79.09645	145.5953	79.27345	79.60386	30.62542	8.620297	60.75428	42.29726	18.45702	27.37195	2
1690.16	1693.66	1332.66	81.25589	135.8899	82.51852	79.41506	22.57387	11.74313	65.683	43.10439	22.57861	28.54731	2
1690.165	1693.665	1332.665	83.62774	138.2014	85.03197	87.30942	18.73497	13.68488	67.58015	53.47404	14.10611	27.822	2
1690.17	1693.67	1332.67	77.60962	101.6355	77.95183	78.16423	41.35127	5.538516	53.11022	29.77679	23.33343	28.39554	5
1690.175	1693.675	1332.675	68.72404	77.37885	67.78002	66.02178	65.36436	0	34.63564	23.24315	11.39249	31.41835	5
1690.18	1693.68	1332.68	62.54071	74.07873	62.43451	60.99488	65.35856	0	34.64144	20.7038	13.93764	30.97567	5
1690.185	1693.685	1332.685	63.33132	101.4962	61.9507	57.59641	67.87297	0.292744	31.83429	19.20129	12.633	31.82316	5
1690.19	1693.69	1332.69	62.1513	64.429	60.99488	58.39882	76.19127	0	23.80873	18.46401	5.34472	31.49461	5
1690.195	1693.695	1332.695	64.40515	59.66679	63.76793	61.10108	71.2463	0	28.7537	14.97913	13.77457	31.1548	5
1690.2	1693.7	1332.7	58.98884	61.24027	58.03302	55.23636	78.31773	0	21.68227	21.68227	0	31.57504	5
1690.205	1693.705	1332.705	60.85327	67.57595	60.27506	55.76737	72.14275	0	27.85725	17.80323	10.05402	31.53967	5
1690.21	1693.71	1332.71	62.87112	55.01599	62.3519	61.26628	72.86859	0	27.13141	7.243588	19.88782	30.76133	5
1690.215	1693.715	1332.715	58.55223	71.87864	57.384	54.68175	77.79106	0	22.20894	7.27051	14.93843	31.80135	5
1690.22	1693.72	1332.72	60.72347	63.67707	59.09504	57.0418	81.34492	0	18.65508	4.036821	14.61826	31.96492	5
1690.225	1693.725	1332.725	71.59149	108.3471	71.33189	72.0517	49.92777	3.263618	46.80861	33.29598	13.51264	28.49896	5
1690.23	1693.73	1332.73	70.26987	76.76617	69.73886	70.38787	60.88964	0.469349	38.64101	12.89733	25.74368	30.67224	5
1690.235	1693.735	1332.735	75.36757	92.26422	75.55638	76.878	46.87066	3.888733	49.2406	30.52649	18.71411	28.66895	5
1690.24	1693.74	1332.74	80.25287	136.6279	80.64228	79.74546	30.08549	8.96609	60.94842	35.34786	25.60056	27.82119	5
1690.245	1693.745	1332.745	72.52371	130.153	71.7331	71.03688	47.90844	4.032008	48.05955	20.55856	27.50099	28.13233	5
1690.25	1693.75	1332.75	72.53551	122.8147	70.88348	68.84204	56.34943	2.140204	41.51037	21.95889	19.55148	29.536	5
1690.255	1693.755	1332.755	70.04566	116.312	68.91284	66.7652	56.18988	2.222517	41.58761	21.82282	19.76479	29.4951	5
1690.26	1693.76	1332.76	66.61179	66.48983	66.62359	66.06898	62.53516	0	37.46484	11.52004	25.9448	31.07599	5
1690.265	1693.765	1332.765	68.52343	56.57554	68.62963	68.98364	62.4441	0	37.5559	18.64664	18.90926	30.98601	5
1690.27	1693.77	1332.77	70.52947	104.8938	71.14309	71.6859	44.97309	4.201356	50.82556	19.45638	31.36918	28.12922	5
1690.275	1693.775	1332.775	72.26411	115.5183	72.93672	73.60934	40.34885	5.486206	54.16495	27.69146	26.47349	27.70944	5
1690.28	1693.78	1332.78	72.33491	160.7731	72.0399	71.9219	36.83109	6.892329	56.27658	35.47839	20.7982	26.75519	5
1690.285	1693.785	1332.785	71.16669	140.2483	70.55307	66.52919	45.34206	4.775827	49.88211	35.58838	14.29373	28.21977	5
1690.29	1693.79	1332.79	69.33765	87.73873	68.98364	68.84204	57.72015	1.314861	40.96499	29.00056	11.96443	29.97998	5
1690.295	1693.795	1332.795	73.72734	70.68113	73.27893	72.45291	58.54119	0.826655	40.63216	15.79194	24.84022	30.91145	5
1690.3	1693.8	1332.8	76.44139	79.30044	75.07257	74.23475	61.09163	0.152859	38.75551	11.60419	27.15133	31.36293	5
1690.305	1693.805	1332.805	74.76576	70.59758	74.45895	74.78936	56.50863	1.305196	42.18617	30.04756	12.13861	30.44191	5
1690.31	1693.81	1332.81	67.1192	97.93152	66.8242	66.31679	56.8372	1.723091	41.43971	11.53217	29.90754	29.52458	5
1690.315	1693.815	1332.815	68.70044	108.8762	69.06624	68.33463	47.61254	3.660901	48.72656	16.6149	32.11165	28.366	5
1690.32	1693.82	1332.82	68.53523	106.8989	67.1664	63.66173	61.68646	1.101455	37.21208	19.23631	17.97577	30.72914	5
1690.325	1693.825	1332.825	70.01026	112.9004	71.16669	69.58545	39.30637	5.473442	55.22019	26.13306	29.08713	28.0385	5
1690.33	1693.83	1332.83	73.51493	98.53027	73.51493	71.9219	48.52193	3.467125	48.01094	18.32933	29.68161	29.12218	5
1690.335	1693.835	1332.835	74.14035	120.3501	74.69496	69.16064	38.36792	6.144366	55.48771	39.02409	16.46362	28.77628	5
1690.34	1693.84	1332.84	74.81296	106.7458	76.5712	80.57148	31.71327	7.898173	60.38856	42.58743	17.80113	27.27119	5
1690.345	1693.845	1332.845	68.87744	103.0836	67.81542	62.68231	59.91719	1.291363	38.79144	25.93944	12.852	30.84707	5
1690.35	1693.85	1332.85	71.28469	139.9698	72.66532	74.64776	29.84552	8.072899	62.08158	34.8534	27.22817	26.84879	5
1690.355	1693.855	1332.855	72.99572	90.45402	72.33491	75.10797	56.07537	1.650878	42.27376	23.68449	18.58926	29.37653	5
1690.36	1693.86	1332.86	74.89556	81.02709	75.17877	78.41203	49.29268	3.183653	47.52366	31.45644	16.06722	28.7606	5
1690.365	1693.865	1332.865	72.0753	93.71237	72.70072	74.28195	46.16538	3.878643	49.95598	24.25884	25.69714	28.35765	5
1690.37	1693.87	1332.87	70.02206	91.88825	69.75066	69.56185	55.44614	1.836799	42.71706	29.27399	13.44307	29.60635	5
1690.375	1693.875	1332.875	68.39363	114.6967	67.63841	65.58517	55.17418	2.430727	42.39509	28.88497	13.51012	29.25834	5
1690.38	1693.88	1332.88	71.8275	96.87325	71.6623	70.67108	51.7557	2.691582	45.55272	21.55636	23.99636	29.28801	5
1690.385	1693.885	1332.885	71.48529	93.69845	69.30225	66.50559	68.4771	0	31.5229	4.862735	26.66016	31.53213	5

1690.39	1693.89	1332.89	67.0012	141.8635	64.16914	63.35493	65.97637	1.598383	32.42525	18.9957	13.42954	30.03879	5
1690.395	1693.895	1332.895	67.62661	120.2248	65.13676	63.59093	67.98547	0.542889	31.47164	23.65369	7.817953	31.19614	5
1690.4	1693.9	1332.9	67.78002	149.2436	65.78578	62.82391	56.98081	3.107655	39.91154	19.11325	20.79829	28.77427	5
1690.405	1693.905	1332.905	70.39967	157.0553	68.29923	66.35219	53.50337	3.630948	42.86568	21.47083	21.39486	28.15577	5
1690.41	1693.91	1332.91	68.88924	84.48038	68.09862	68.19302	62.30492	0.409612	37.28546	26.26143	11.02403	30.7458	5
1690.415	1693.915	1332.915	72.72432	76.08386	72.61812	73.21993	55.5044	1.580819	42.91478	30.51203	12.40275	29.99883	5
1690.42	1693.92	1332.92	65.58517	72.40778	64.88896	62.44631	67.53462	0	32.46538	6.084404	26.38097	31.32969	5
1690.425	1693.925	1332.925	64.20454	95.11875	62.82391	61.11288	68.61295	0	31.38705	18.3949	12.99215	31.62274	5
1690.43	1693.93	1332.93	63.89774	78.61814	62.3401	59.14224	74.26014	0	25.73986	23.69061	2.049246	31.80592	5
1690.435	1693.935	1332.935	60.73527	82.41954	58.72923	55.48416	79.72484	0	20.27516	9.017821	11.25734	32.50045	5
1690.44	1693.94	1332.94	61.60849	95.258	59.66145	55.40156	75.35731	0	24.64269	22.00451	2.638177	32.53359	5
1690.445	1693.945	1332.945	65.06596	117.0778	63.08352	60.60547	67.1704	0.817978	32.01162	19.72263	12.28899	31.05995	5
1690.45	1693.95	1332.95	62.45811	151.0538	60.27506	53.14772	62.90213	2.811023	34.28685	22.55064	11.73621	29.99617	5
1690.455	1693.955	1332.955	59.57885	104.6571	57.2896	54.35134	77.60211	0	22.39789	11.7354	10.66249	32.8572	5
1690.46	1693.96	1332.96	62.1159	138.5634	59.44905	52.5223	69.98915	1.518285	28.49257	17.32192	11.17064	31.6776	5
1690.465	1693.965	1332.965	65.62057	135.8481	65.27836	61.06568	49.40593	4.001021	46.59305	15.4407	31.15235	28.30569	5
1690.47	1693.97	1332.97	69.58545	138.7305	69.53825	70.18727	42.77441	5.251326	51.97427	31.50344	20.47083	27.13628	5
1690.475	1693.975	1332.975	70.03386	203.7722	70.36427	66.8714	23.69532	10.3088	65.99587	45.57594	20.41994	26.69009	5
1690.48	1693.98	1332.98	76.42959	135.3747	76.09919	80.31187	39.48475	6.022791	54.49246	31.32411	23.16835	26.82413	5
1690.485	1693.985	1332.985	81.6099	103.7798	82.90793	87.85223	29.74446	9.866981	60.38856	29.77622	30.61234	27.34533	5
1690.49	1693.99	1332.99	82.94333	115.2955	84.61896	89.38626	22.80447	12.57411	64.62142	39.27911	25.34231	27.4263	5
1690.495	1693.995	1332.995	83.62774	105.2419	83.25013	83.87555	40.52039	5.965669	53.51394	25.83514	27.6788	28.50299	5
1690.5	1694	1333	81.01989	124.1097	80.52428	84.96117	39.26813	6.095918	54.63595	34.49812	20.13783	27.26208	4
1690.505	1694.005	1333.005	82.02291	102.638	81.88131	79.37965	40.79794	5.90677	53.29529	34.95281	18.34248	29.0578	4
1690.51	1694.01	1333.01	79.39145	111.2156	78.99025	75.79238	43.15506	5.002802	51.84214	24.57786	27.26428	29.04892	4
1690.515	1694.015	1333.015	83.08493	123.3996	82.47132	85.64558	38.45467	6.334386	55.21095	29.75678	25.45417	27.58846	4
1690.52	1694.02	1333.02	79.58026	98.87839	79.19085	77.96363	45.8755	4.25056	49.87394	21.72236	28.15157	29.14974	4
1690.525	1694.025	1333.025	75.98118	96.58083	77.10221	76.6656	38.03682	6.331179	55.632	31.16524	24.46676	28.39514	4
1690.53	1694.03	1333.03	74.31735	135.9595	73.70374	73.63294	43.48133	5.050927	51.46774	27.18607	24.28168	27.6724	4
1690.535	1694.035	1333.035	74.39995	116.7158	74.44715	72.38211	42.94102	5.002064	52.05692	28.33713	23.71979	28.42861	4
1690.54	1694.04	1333.04	69.27865	123.3996	67.83902	63.04812	57.55808	2.189894	40.25203	19.76775	20.48427	29.95008	4
1690.545	1694.045	1333.045	64.74735	99.03156	63.40213	59.35464	66.89231	0.270813	32.83688	22.78974	10.04714	31.73057	4
1690.55	1694.05	1333.05	65.56157	97.24921	64.49955	59.86205	64.37971	0.541075	35.07921	22.24754	12.83167	31.44716	4
1690.555	1694.055	1333.055	68.13402	142.3509	69.12524	71.50889	35.18582	6.695908	58.11827	35.98653	22.13174	26.46977	4
1690.56	1694.06	1333.06	73.85714	118.6652	74.55336	74.44715	37.93879	6.215293	55.84592	23.32673	32.51919	27.78251	4
1690.565	1694.065	1333.065	77.84562	114.7803	79.07285	81.5863	31.09421	8.576329	60.32946	34.94507	25.38439	27.48733	4
1690.57	1694.07	1333.07	75.08437	101.7051	74.56516	71.7095	50.33364	3.070053	46.59631	33.61125	12.98506	29.56761	4
1690.575	1694.075	1333.075	69.65625	69.69248	68.96004	66.62359	64.44633	0	35.55367	21.55756	13.99612	31.52613	4
1690.58	1694.08	1333.08	66.48199	119.7095	64.77095	60.53467	63.12738	1.378249	35.49437	23.2472	12.24716	30.64088	4
1690.585	1694.085	1333.085	67.1546	174.7673	65.25476	58.22182	50.64783	4.911599	44.44057	16.58146	27.85911	28.07697	4
1690.59	1694.09	1333.09	71.06048	161.8592	70.55307	65.92738	39.38685	6.382554	54.23059	24.20686	30.02374	27.53033	4
1690.595	1694.095	1333.095	71.6151	263.6339	71.57969	57.60821	10.58906	14.11688	75.29406	52.49199	22.80207	28.95976	4
1690.6	1694.1	1333.1	66.9894	296.5377	60.58187	53.84393	56.266	8.322982	35.41102	15.41439	19.99663	25.50117	4
1690.605	1694.105	1333.105	62.3519	242.3154	56.10958	51.76709	72.37396	5.552191	22.07385	14.59983	7.474013	28.95821	4
1690.61	1694.11	1333.11	59.47265	44.94852	58.74103	58.24542	80.07764	0	19.92236	14.70256	5.219802	30.91805	4
1690.615	1694.115	1333.115	56.39278	42.3307	55.76737	54.39854	82.72156	0	17.27844	8.953833	8.324606	31.23835	4
1690.62	1694.12	1333.12	61.34888	94.84026	60.14526	58.70563	69.93577	0	30.06423	8.154711	21.90951	31.5757	4
1690.625	1694.125	1333.125	68.00422	121.9932	67.23721	62.70591	53.85814	2.855768	43.28609	22.94547	20.34062	29.34107	4
1690.63	1694.13	1333.13	65.11316	136.0013	65.25476	63.27232	46.08615	4.513538	49.40031	25.34794	24.05236	27.59796	4
1690.635	1694.135	1333.135	63.13072	107.6091	62.68231	59.88565	59.35351	1.65121	38.99528	13.98004	25.01524	29.80063	4
1690.64	1694.14	1333.14	66.9776	107.7762	64.51135	60.14526	71.41221	0	28.58779	17.05072	11.53707	32.35931	4
1690.645	1694.145	1333.145	68.84204	59.26298	67.94522	65.53797	69.27403	0	30.72597	21.65374	9.07223	31.23789	4
1690.65	1694.15	1333.15	75.06077	98.46065	73.84534	76.5004	56.53616	1.540923	41.92292	11.29465	30.62827	29.43254	4
1690.655	1694.155	1333.155	81.18509	119.0133	81.3621	76.6066	35.13671	7.573743	57.28954	31.881	25.40854	28.90546	4
1690.66	1694.16	1333.16	87.95843	111.9675	88.96145	88.25344	24.2087	13.3117	62.47959	40.58926	21.89033	28.46482	4
1690.665	1694.165	1333.165	90.33028	195.2086	93.75235	88.94965	0	32.01926	67.98074	67.98074	0	-9999	4
1690.67	1694.17	1333.17	87.98203	244.7244	91.4985	89.16206	0	32.8073	67.1927	67.1927	0	-9999	4
1690.675	1694.175	1333.175	84.19415	182.1473	85.06737	80.30007	11.69429	15.26873	73.03698	47.16931	25.86767	29.20868	4
1690.68	1694.18	1333.18	74.35275	184.7512	70.45867	62.62331	57.06479	2.806977	40.12823	26.28828	13.83995	29.44193	4
1690.685	1694.185	1333.185	77.06681	153.2678	76.38239	68.94824	37.31195	6.64176	56.04629	33.1483	22.898	28.57511	4
1690.69	1694.19	1333.19	78.23503	128.9694	76.6184	69.13704	49.34209	3.240562	47.41735	32.23352	15.18383	29.96842	4
1690.695	1694.195	1333.195	77.78662	124.4439	76.9134	71.15489	45.08832	4.446181	50.4655	24.65765	25.80784	29.3076	4
1690.7	1694.2	1333.2	85.39778	72.60272	86.5188	85.77539	35.17626	9.410169	55.41357	30.65499	24.75859	29.00275	4
1690.705	1694.205	1333.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1691.005	1694.505	1333.505	52.6049	23.71355	52.68751	54.20974	85.22465	0	14.77535	14.77535	0	30.23392	-9999
1691.01	1694.51	1333.51	55.88537	13.39544	55.75557	55.16556	86.34973	0	13.65027	3.956599	9.693668	30.75477	-9999
1691.015	1694.515	1333.515	57.4902	23.39328	57.4784	59.55525	81.53929	0	18.46071	9.329599	9.131111	29.86605	-9999
1691.02	1694.52	1333.52	59.09504	41.85726	58.83543	59.98006	77.51505	0	22.48495	18.67	3.814948	30.17001	-9999
1691.025	1694.525	1333.525	58.56403	47.3157	58.61123	58.70563	74.30489	0	25.69511	20.76261	4.932504	30.13223	-9999
1691.03	1694.53	1333.53	55.72017	52.77413	56.67599	53.85573	68.5585	0	31.4415	18.44003	13.00147	30.04908	-9999
1691.035	1694.535	1333.535	55.95617	48.74993	56.22758	53.19492	74.61944	0	25.38056	22.59174	2.788818	30.54914	-9999
1691.04	1694.54	1333.54	60.72347	36.90012	60.97128	60.02726	73.28409	0	26.71591	23.81841	2.897503	30.15048	-9999
1691.045	1694.545	1333.545	58.33982	72.74197	57.4312	53.78493	75.7656	0	24.2344	6.304407	17.92999	31.73753	-9999

1691.05	1694.55	1333.55	57.85601	70.08237	56.90019	54.51654	77.22014	0	22.77986	13.32084	9.459018	31.57721	-9999
1691.055	1694.555	1333.555	56.53439	52.8159	55.97977	53.05331	79.50516	0	20.49484	19.94758	0.547264	31.36106	-9999
1691.06	1694.56	1333.56	57.3604	40.17239	57.78521	58.52863	74.21444	0	25.78556	21.01369	4.771866	29.67274	-9999
1691.065	1694.565	1333.565	51.77889	46.61947	51.23608	50.03245	85.2883	0	14.7117	4.873565	9.838136	31.57397	-9999
1691.07	1694.57	1333.57	54.55194	29.01881	54.65815	53.43092	81.96659	0	18.03341	8.209242	9.824166	30.48031	-9999
1691.075	1694.575	1333.575	57.93861	61.50484	56.07418	52.66391	86.2617	0	13.7383	8.758266	4.980032	32.96134	-9999
1691.08	1694.58	1333.58	57.52561	66.14172	56.20398	53.43092	81.31276	0	18.68724	3.68303	15.00421	32.10416	-9999
1691.085	1694.585	1333.585	61.8917	73.98125	61.47869	61.01848	68.35699	0	31.64301	12.56416	19.07884	30.80535	-9999
1691.09	1694.59	1333.59	53.31292	37.01151	53.02971	53.32472	84.19017	0	15.80983	10.99562	4.814206	30.80618	-9999
1691.095	1694.595	1333.595	54.35134	40.86862	54.05633	51.83789	82.39286	0	17.60714	14.78963	2.817516	31.14619	-9999
1691.1	1694.6	1333.6	55.92077	53.73492	55.18916	53.77313	81.21905	0	18.78095	6.306576	12.47437	31.34946	2
1691.105	1694.605	1333.605	63.48473	172.0102	65.01876	64.27534	28.07883	8.27723	63.64394	38.61843	25.02552	26.28825	2
1691.11	1694.61	1333.61	70.35247	110.5193	70.90708	72.21691	44.23181	4.441976	51.32621	27.75124	23.57497	27.79321	2
1691.115	1694.615	1333.615	60.54647	92.66803	59.93285	55.54316	66.62708	0.200857	33.17206	8.382846	24.78921	31.59081	2
1691.12	1694.62	1333.62	59.77945	112.1903	58.17462	53.85573	70.29031	0.590264	29.11942	26.11471	3.004709	31.7753	2
1691.125	1694.625	1333.625	58.83543	109.7396	56.29838	52.4161	78.97658	0	21.02342	11.16686	9.856552	33.39529	2
1691.13	1694.63	1333.63	57.2778	81.63977	55.69657	53.82033	79.80215	0	20.19785	18.64943	1.548415	32.21292	2
1691.135	1694.635	1333.635	54.45754	79.57893	53.80853	52.1683	75.67081	0	24.32919	10.15517	14.17402	31.38159	2
1691.14	1694.64	1333.64	53.96193	79.20297	53.31292	51.44848	76.21776	0	23.78224	4.312455	19.46979	31.45573	2
1691.145	1694.645	1333.645	53.70233	66.47591	52.4869	49.86725	83.92623	0	16.07377	8.707789	7.365978	32.4257	2
1691.15	1694.65	1333.65	54.04453	73.25718	53.83213	46.77558	74.19693	0	25.80307	10.34987	15.4532	31.92939	2
1691.155	1694.655	1333.655	51.74349	58.81739	51.28328	51.07087	81.72881	0	18.27119	7.5677	10.70349	31.14691	2
1691.16	1694.66	1333.66	51.43668	64.35937	49.96165	47.3184	88.53477	0	11.46523	11.46523	0	33.28018	2
1691.165	1694.665	1333.665	49.44244	57.36924	48.58102	46.18557	87.30559	0	12.69441	7.915275	4.779138	32.55012	2
1691.17	1694.67	1333.67	46.22097	51.52092	45.72536	42.6573	88.84962	0	11.15038	11.15038	0	32.60087	2
1691.175	1694.675	1333.675	45.00555	43.93203	44.45094	41.70148	92.26158	0	7.738416	7.738416	0	33.05495	2
1691.18	1694.68	1333.68	45.41856	48.36004	44.41554	43.67212	94.28521	0	5.714792	5.714792	0	33.516	2
1691.185	1694.685	1333.685	44.16773	43.79278	43.18831	43.15291	96.35834	0	3.641659	3.641659	0	33.74791	2
1691.19	1694.69	1333.69	45.32415	30.77331	44.59254	43.84912	96.52465	0	3.475346	3.475346	0	33.39871	2
1691.195	1694.695	1333.695	48.61642	42.01043	47.99101	47.4246	89.95332	0	10.04668	10.04668	0	32.17134	5
1691.2	1694.7	1333.7	51.33048	21.49954	51.35408	51.69629	87.39017	0	12.60983	11.21399	1.395846	30.72969	5
1691.205	1694.705	1333.705	56.68779	32.91769	56.05058	54.15074	84.81956	0	15.18044	7.534571	7.645874	31.41082	5
1691.21	1694.71	1333.71	56.03877	45.40803	55.16556	54.91775	84.22302	0	15.77698	13.64475	2.132231	31.38377	5
1691.215	1694.715	1333.715	57.2188	40.18632	57.2896	56.51078	77.08491	0	22.91509	10.92823	11.98686	30.26841	5
1691.22	1694.72	1333.72	61.80909	52.94122	61.85629	61.9507	69.95805	0	30.04195	7.337762	22.70419	30.25459	5
1691.225	1694.725	1333.725	62.91832	68.24433	63.56733	62.76491	60.57017	0.145585	39.28425	21.76533	17.51892	30.62109	5
1691.23	1694.73	1333.73	60.13346	102.4849	59.79125	56.65239	62.52799	1.069669	36.40234	16.86984	19.5325	30.30241	5
1691.235	1694.735	1333.735	59.66145	91.77686	61.16008	62.96552	51.28708	2.014869	46.69805	24.19199	22.50607	28.12771	5
1691.24	1694.74	1333.74	61.67929	123.6224	62.0215	60.34586	50.68634	3.355655	45.95801	17.77192	28.18609	28.00132	5
1691.245	1694.745	1333.745	61.77369	130.1669	62.0451	60.74707	49.56442	3.739229	46.69635	29.97477	16.72159	27.66605	5
1691.25	1694.75	1333.75	59.59065	97.93152	59.83845	61.30168	59.55669	1.23639	39.20692	28.39401	10.81291	29.05409	5
1691.255	1694.755	1333.755	59.62605	116.8132	59.80305	57.089	55.50345	2.45081	42.04574	18.88403	23.16171	28.76355	5
1691.26	1694.76	1333.76	57.03	88.42103	56.79399	57.0654	67.96355	0	32.03645	23.65212	8.384328	30.71958	5
1691.265	1694.765	1333.765	55.28356	76.13956	55.09476	54.44574	72.17658	0	27.82342	13.65563	14.16779	30.70824	5
1691.27	1694.77	1333.77	53.01791	76.64085	52.88811	52.86451	73.68241	0	26.31759	5.305219	21.01238	30.61007	5
1691.275	1694.775	1333.775	52.02669	68.43927	52.5105	53.45452	71.82361	0	28.17639	9.738033	18.43836	29.8053	5
1691.28	1694.78	1333.78	51.47208	86.17918	50.51626	49.86725	79.19793	0	20.80207	7.216556	13.58552	31.83678	5
1691.285	1694.785	1333.785	53.82033	119.6817	52.2155	48.69902	73.95978	0.83378	25.20644	25.20644	0	31.81263	5
1691.29	1694.79	1333.79	55.18916	118.9855	53.77313	52.03849	71.40572	0.967181	27.6271	12.57176	15.05535	31.00532	5
1691.295	1694.795	1333.795	55.33076	78.3118	55.90897	55.67297	65.6631	0	34.3369	22.69017	11.64672	30.18353	5
1691.3	1694.8	1333.8	54.49294	89.95274	53.87933	52.5813	72.85343	0	27.14657	19.2547	7.891868	31.33952	5
1691.305	1694.805	1333.805	54.74075	73.24325	54.84695	51.71989	71.09058	0	28.90942	21.06683	7.842588	30.90824	5
1691.31	1694.81	1333.81	55.67297	60.98963	55.95617	55.40156	71.82654	0	28.17346	4.682804	23.49066	30.17132	5
1691.315	1694.815	1333.815	56.53439	89.85527	55.68477	51.03547	72.82793	0	27.17207	21.72158	5.450489	32.06571	5
1691.32	1694.82	1333.82	56.98279	85.30193	57.0182	48.25061	66.65841	0	33.34159	10.02375	23.31784	32.20376	5
1691.325	1694.825	1333.825	57.4548	103.6406	57.207	52.97071	63.98105	0.953443	35.06551	10.27153	24.79398	30.5413	5
1691.33	1694.83	1333.83	56.55799	71.92042	57.325	56.34558	64.61754	0	35.38246	15.72273	19.65973	30.19949	5
1691.335	1694.835	1333.835	54.55194	61.50484	54.42214	51.64908	75.93401	0	24.06599	5.479265	18.58672	30.98	5
1691.34	1694.84	1333.84	53.77313	65.7936	53.64333	50.12685	75.61264	0	24.38736	8.718726	15.66863	31.16692	5
1691.345	1694.845	1333.845	52.74651	50.88039	53.08871	50.37466	76.50806	0	23.49194	13.99562	9.496327	30.5042	5
1691.35	1694.85	1333.85	52.74651	73.22933	53.08871	50.46906	71.09961	0	28.90039	4.951093	23.94929	30.63153	5
1691.355	1694.855	1333.855	53.44272	67.45063	53.43092	48.08541	74.6011	0	25.3989	21.96794	3.430961	31.40293	5
1691.36	1694.86	1333.86	53.31292	65.15307	52.95891	46.37438	77.92863	0	22.07137	3.608405	18.46297	32.01487	5
1691.365	1694.865	1333.865	53.38372	67.61772	53.01791	46.97619	77.3585	0	22.6415	11.90837	10.73314	31.92395	5
1691.37	1694.87	1333.87	51.84969	81.89041	52.10929	44.29753	70.46887	0	29.53113	21.09872	8.432411	31.76578	5
1691.375	1694.875	1333.875	51.88509	63.10616	51.75529	47.2948	78	0	22	20.82475	1.175253	31.44846	5
1691.38	1694.88	1333.88	51.12987	59.47185	50.72867	48.59282	81.67769	0	18.32231	15.95955	2.36276	31.47375	5
1691.385	1694.885	1333.885	51.66088	42.73451	50.92927	46.72838	87.80025	0	12.19975	10.61309	1.586655	32.52736	5
1691.39	1694.89	1333.89	53.44272	77.89406	52.5223	48.60462	79.11558	0	20.88442	20.11037	0.774051	32.20329	5
1691.395	1694.895	1333.895	52.2391	56.25527	51.69629	48.03821	82.53304	0	17.46696	4.079973	13.38699	31.86835	5
1691.4	1694.9	1333.9	48.68722	46.78656	47.14139	45.81976	95.8656	0	4.134398	4.134398	0	34.19481	5
1691.405	1694.905	1333.905	49.05303	47.32962	48.49842	47.4246	87.71568	0	12.28432	3.784261	8.500058	31.95353	5
1691.41	1694.91	1333.91	47.27119	54.09696	46.23277	42.8815	91.4668	0	8.533199	8.533199	0	33.53993	5

1691.415	1694.915	1333.915	46.65758	47.45494	45.63096	45.53656	93.54724	0	6.452758	6.452758	0	33.203	5
1691.42	1694.92	1333.92	47.02339	46.66124	46.46878	43.23551	89.7447	0	10.2553	3.413089	6.842212	32.7037	5
1691.425	1694.925	1333.925	47.93201	45.5055	47.14139	45.86697	91.0175	0	8.982503	8.982503	0	32.69206	5
1691.43	1694.93	1333.93	48.38042	34.71396	47.92021	46.76378	90.65586	0	9.344139	9.148139	0.195999	32.13427	5
1691.435	1694.935	1333.935	49.38344	29.79858	48.60462	47.22399	93.3918	0	6.608197	6.608197	0	32.78226	5
1691.44	1694.94	1333.94	49.04123	42.2193	48.75803	47.6724	86.85984	0	13.14016	6.987483	6.152676	31.53254	5
1691.445	1694.945	1333.945	50.00885	38.66854	49.60764	48.85243	87.74343	0	12.25657	4.363875	7.89269	31.60412	5
1691.45	1694.95	1333.95	49.06483	53.05262	48.34502	46.50418	87.60019	0	12.39981	12.39981	0	32.3106	5
1691.455	1694.955	1333.955	47.18859	46.39668	46.56318	45.09995	90.20545	0	9.794551	9.794551	0	32.49903	5
1691.46	1694.96	1333.96	47.7432	42.98515	47.578	47.578	86.95417	0	13.04583	5.450899	7.59493	31.28846	1
1691.465	1694.965	1333.965	48.32142	35.22917	48.05001	46.90539	89.12223	0	10.87777	9.978081	0.899687	31.7494	1
1691.47	1694.97	1333.97	49.47784	43.63961	49.19463	47.5544	86.11445	0	13.88555	13.88555	0	31.55261	1
1691.475	1694.975	1333.975	50.69327	48.93095	50.31566	48.39222	84.44737	0	15.55263	14.76888	0.783749	31.54101	1
1691.48	1694.98	1333.98	51.04727	52.84375	49.83185	47.95561	89.66787	0	10.33213	2.958634	7.373501	32.92799	1
1691.485	1694.985	1333.985	47.10599	37.23431	46.69298	48.01461	90.8526	0	9.147398	9.147398	0	31.74914	1
1691.49	1694.99	1333.99	49.92625	26.8048	49.47784	48.22701	91.05626	0	8.94374	8.94374	0	32.03074	1
1691.495	1694.995	1333.995	51.33048	28.46183	50.90567	49.52504	89.18047	0	10.81953	4.232558	6.586976	31.74457	1
1691.5	1695	1334	55.50776	37.73559	55.16556	54.25694	82.45295	0	17.54705	13.18762	4.359429	30.88384	1
1691.505	1695.005	1334.005	55.96797	30.75938	55.83817	55.16556	82.07167	0	17.92833	10.89057	7.037761	30.57069	1
1691.51	1695.01	1334.01	52.65211	39.42046	52.5459	52.6167	82.84338	0	17.15662	4.999938	12.15668	30.62045	1
1691.515	1695.015	1334.015	53.34832	41.89904	53.59612	53.45452	78.85949	0	21.14051	10.6724	10.46811	30.1111	1
1691.52	1695.02	1334.02	52.2863	31.24674	52.3571	51.67269	83.78618	0	16.21382	10.0367	6.177118	30.60274	1
1691.525	1695.025	1334.025	54.45754	72.74197	53.27752	51.55468	81.44069	0	18.55931	14.95324	3.606063	32.05232	1
1691.53	1695.03	1334.03	55.83817	43.72316	54.70535	53.21852	86.82726	0	13.17274	13.17274	0	32.05753	1
1691.535	1695.035	1334.035	54.81155	38.23688	54.32774	52.66391	84.06958	0	15.93042	10.79886	5.131559	31.2898	1
1691.54	1695.04	1334.04	55.84997	66.7544	54.38674	49.37164	83.80349	0	16.19651	16.19651	0	32.92511	1
1691.545	1695.045	1334.045	57.96221	58.05154	56.94739	55.88537	80.49115	0	19.50885	19.50885	0	31.40679	1
1691.55	1695.05	1334.05	59.73225	87.68303	58.59943	56.95919	72.60642	0	27.39358	21.05304	6.340543	31.54999	1
1691.555	1695.055	1334.055	59.88565	65.93285	59.21304	59.44905	74.16221	0	25.83779	16.21722	9.620574	30.72017	1
1691.56	1695.06	1334.06	60.21606	74.0648	60.77067	62.57611	62.3793	0.000523	37.62017	7.878185	29.74199	30.12054	1
1691.565	1695.065	1334.065	63.93314	88.08685	63.42573	61.31348	63.79693	0.366545	35.83653	16.62485	19.21168	30.97945	1
1691.57	1695.07	1334.07	59.04784	48.17902	58.33982	57.4548	79.50378	0	20.49622	8.222642	12.27358	30.97663	1
1691.575	1695.075	1334.075	60.27506	47.23215	59.95646	58.96524	75.58596	0	24.41404	17.75536	6.658675	30.58635	1
1691.58	1695.08	1334.08	62.1395	79.95489	61.78549	59.18944	66.22613	0	33.77387	13.97932	19.79454	31.29562	1
1691.585	1695.085	1334.085	61.20728	70.47226	60.74707	59.76765	70.20164	0	29.79836	7.126602	22.67176	30.84994	1
1691.59	1695.09	1334.09	59.55525	54.55647	59.01244	57.95041	76.21329	0	23.78671	7.972717	15.81399	30.82236	1
1691.595	1695.095	1334.095	61.71469	46.42452	61.75009	61.9153	71.71339	0	28.28661	24.24671	4.039896	30.16461	1
1691.6	1695.1	1334.1	62.3519	50.71329	62.3165	60.05086	70.63799	0	29.36201	13.67942	15.68259	30.7132	1
1691.605	1695.105	1334.105	63.48473	67.88229	63.13072	60.19246	67.91009	0	32.08991	15.23734	16.85257	31.21084	1
1691.61	1695.11	1334.11	64.22814	102.9026	63.40213	60.08626	62.40931	1.051592	36.5391	20.24271	16.29638	30.59098	1
1691.615	1695.115	1334.115	65.27836	72.32423	65.53797	64.48775	60.4295	0.386059	39.18444	9.412947	29.77149	30.68217	1
1691.62	1695.12	1334.12	65.86838	107.9154	64.91256	60.26326	60.69316	1.416443	37.8904	17.22591	20.66449	30.53523	1
1691.625	1695.125	1334.125	63.40213	70.61151	63.40213	61.9861	64.58206	0	35.41794	18.48683	16.93111	30.95475	1
1691.63	1695.13	1334.13	65.41997	86.70831	64.53495	60.31046	65.68911	0.019432	34.29146	13.4863	20.80516	31.87395	1
1691.635	1695.135	1334.135	66.70619	88.28179	65.73857	63.95674	64.76516	0.167888	35.06695	14.4207	20.64625	31.29439	1
1691.64	1695.14	1334.14	67.62661	90.41225	67.31981	68.37003	58.2815	1.279831	40.43867	12.98294	27.45573	29.65609	1
1691.645	1695.145	1334.145	67.88622	79.74603	67.59121	68.66503	60.53244	0.617264	38.8503	18.85213	19.99817	30.29048	1
1691.65	1695.15	1334.15	68.33463	73.04831	68.91284	72.29951	54.97331	1.468524	43.55817	14.63836	28.9198	29.21609	1
1691.655	1695.155	1334.155	66.30499	86.95895	67.50861	70.45867	48.62725	2.795887	48.57686	31.5299	17.04695	28.15595	1
1691.66	1695.16	1334.16	64.20454	83.95125	65.39637	68.33463	51.37898	2.087499	46.53352	25.7865	20.74702	28.38029	1
1691.665	1695.165	1334.165	66.9422	103.2368	67.0012	69.03084	52.97262	2.512862	44.51452	23.70439	20.81014	28.40415	1
1691.67	1695.17	1334.17	69.62085	83.29679	69.21965	70.55307	58.90035	0.994329	40.10532	27.8592	12.24612	30.00333	1
1691.675	1695.175	1334.175	71.7567	94.39468	72.71252	74.78936	43.73272	4.40738	51.8599	25.18383	26.67607	28.0529	1
1691.68	1695.18	1334.18	71.44989	62.49348	71.7803	75.00176	56.58202	1.10662	42.31136	30.36328	11.94807	29.89251	1
1691.685	1695.185	1334.185	69.75066	51.15888	69.67986	68.55883	63.99766	0	36.00234	23.77028	12.23206	31.2109	1
1691.69	1695.19	1334.19	67.90982	48.48536	67.63841	68.77124	67.8929	0	32.1071	17.90402	14.20308	30.44653	1
1691.695	1695.195	1334.195	69.83326	60.65544	69.39665	68.92464	64.45851	0	35.54149	25.00114	10.54035	31.11895	1
1691.7	1695.2	1334.2	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1692.005	1695.505	1334.505	80.38268	20.76154	79.91067	80.07587	64.68172	0	35.31828	11.61034	23.70793	31.92894	1
1692.01	1695.51	1334.51	77.16121	18.45006	76.701	76.33519	68.1134	0	31.8866	18.79757	13.08903	31.32903	1
1692.015	1695.515	1334.515	74.98996	18.61715	74.42355	75.09617	70.89357	0	29.10643	14.66307	14.44335	30.72853	1
1692.02	1695.52	1334.52	73.27893	22.87807	72.74792	73.12553	71.16223	0	28.83777	8.365973	20.4718	30.66483	1
1692.025	1695.525	1334.525	69.05444	11.90551	68.66503	68.59423	76.60669	0	23.39331	13.31998	10.07333	30.40894	1
1692.03	1695.53	1334.53	70.48227	35.36841	70.10466	69.14884	69.52361	0	30.47639	6.131224	24.34516	30.84856	1
1692.035	1695.535	1334.535	67.92162	29.04666	67.56761	66.70619	73.22638	0	26.77362	14.66255	12.11107	30.57928	1
1692.04	1695.54	1334.54	67.29621	18.97919	67.072	67.27261	75.23211	0	24.76789	22.53235	2.235535	30.27162	1
1692.045	1695.545	1334.545	68.53523	29.52009	68.55883	69.96306	69.62082	0	30.37918	4.797537	25.58164	30.22425	1
1692.05	1695.55	1334.55	66.8478	44.80927	66.8832	68.28743	67.38183	0	32.61817	18.1747	14.44348	30.27452	1
1692.055	1695.555	1334.555	69.23145	56.81226	68.48803	66.57639	68.31997	0	31.68003	15.9677	15.71233	31.14377	1
1692.06	1695.56	1334.56	64.16914	93.05792	62.2575	60.68807	73.25958	0	26.74042	14.36017	12.38026	31.74972	1
1692.065	1695.565	1334.565	65.29017	120.1969	63.31952	60.55827	66.11786	1.051675	32.83047	15.87255	16.95791	30.82051	2
1692.07	1695.57	1334.57	61.40789	75.7636	59.04784	56.03877	83.46033	0	16.53967	14.10108	2.438591	32.78203	2
1692.075	1695.575	1334.575	64.68835	72.92299	62.93012	61.9861	76.46568	0	23.53432	11.04805	12.48626	31.40782	2

1692.08	1695.58	1334.58	69.39665	106.7458	67.69741	65.90378	63.49168	0.722792	35.78553	11.83235	23.95318	30.7978	2
1692.085	1695.585	1334.585	65.00696	91.65154	64.05114	60.53467	65.42153	0.228745	34.34973	17.58903	16.7607	31.53032	2
1692.09	1695.59	1334.59	63.44933	87.80835	62.0097	59.77945	71.53413	0	28.46587	19.32095	9.144925	31.65393	2
1692.095	1695.595	1334.595	67.1074	91.05278	65.50257	64.98336	68.66387	0	31.33613	14.39511	16.94102	31.29388	2
1692.1	1695.6	1334.6	69.95126	98.55812	68.01602	66.18698	66.79188	0	33.20812	15.24988	17.95823	31.55121	2
1692.105	1695.605	1334.605	65.54977	68.75954	63.75613	62.3283	76.95509	0	23.04491	13.7154	9.329515	31.43163	2
1692.11	1695.61	1334.61	61.56129	37.83306	60.59367	59.17764	81.70707	0	18.29293	16.27348	2.019448	31.19115	2
1692.115	1695.615	1334.615	76.35879	100.9392	74.64776	71.8275	58.58314	0.940058	40.4768	26.26241	14.21439	30.80415	2
1692.12	1695.62	1334.62	81.03169	289.5893	78.08163	71.55609	18.2332	11.32338	70.44342	46.70146	23.74196	26.73275	2
1692.125	1695.625	1334.625	70.69468	91.0667	68.57063	64.47595	69.38409	0	30.61591	16.63877	13.97713	31.77643	2
1692.13	1695.63	1334.63	68.03962	131.9771	66.36399	64.02754	58.45126	2.356253	39.19249	23.00677	16.18572	29.31007	2
1692.135	1695.635	1334.635	68.35823	71.12672	67.53221	64.67655	66.2994	0	33.7006	15.94153	17.75907	31.49282	2
1692.14	1695.64	1334.64	72.33491	59.83389	72.62992	71.6623	56.68579	1.086842	42.22737	27.50365	14.72372	30.78641	2
1692.145	1695.645	1334.645	72.0871	46.20173	71.8983	70.98968	63.96227	0	36.03773	14.37948	21.65824	31.349	2
1692.15	1695.65	1334.65	70.05746	43.09655	69.20785	66.9658	71.7023	0	28.2977	21.91759	6.380109	31.05071	2
1692.155	1695.655	1334.655	68.60603	27.89092	68.16942	66.9894	73.51657	0	26.48343	20.35187	6.131566	30.67041	2
1692.16	1695.66	1334.66	63.95674	47.59419	62.69411	61.30168	79.42736	0	20.57264	20.57264	0	31.21041	2
1692.165	1695.665	1334.665	63.67353	47.30177	62.61151	61.83269	78.20399	0	21.79601	16.92442	4.871588	30.96378	2
1692.17	1695.67	1334.67	64.61755	42.2193	63.69713	62.48171	77.46803	0	22.53197	17.6425	4.889467	30.89951	2
1692.175	1695.675	1334.675	65.25476	77.2396	63.48473	60.62907	74.99141	0	25.00859	7.302628	17.70596	31.73187	2
1692.18	1695.68	1334.68	67.44961	56.54769	66.26959	61.9625	73.40701	0	26.59299	16.07963	10.51336	31.54816	2
1692.185	1695.685	1334.685	67.34341	59.15158	65.58517	63.68533	77.35571	0	22.64429	5.298517	17.34577	31.32586	2
1692.19	1695.69	1334.69	63.73253	97.48593	61.27808	57.66721	76.79647	0	23.20353	8.154248	15.04929	32.53093	2
1692.195	1695.695	1334.695	61.80909	54.54255	60.55827	58.37522	79.63024	0	20.36976	20.36976	0	31.5088	2
1692.2	1695.7	1334.7	66.00998	90.76036	64.91256	57.0418	65.81184	0.106138	34.08203	23.32436	10.75766	32.50741	2
1692.205	1695.705	1334.705	68.99544	129.039	66.18698	63.08352	67.0623	0.764725	32.17297	15.41357	16.7594	31.17109	2
1692.21	1695.71	1334.71	71.00148	120.4197	69.60905	62.90652	56.32839	2.226392	41.44522	13.08006	28.36516	30.31268	2
1692.215	1695.715	1334.715	70.29347	102.6659	68.67683	68.06322	63.01378	0.634266	36.35196	14.04265	22.30931	30.65839	2
1692.22	1695.72	1334.72	69.50285	52.56526	68.67683	69.32585	69.73821	0	30.26179	17.74211	12.51968	30.60664	2
1692.225	1695.725	1334.725	67.72102	71.19634	66.12798	63.81513	72.81316	0	27.18684	13.55267	13.63417	31.37149	2
1692.23	1695.73	1334.73	65.06596	57.27177	63.26052	61.9743	80.27169	0	19.72831	10.28437	9.443939	31.48117	2
1692.235	1695.735	1334.735	64.70015	55.35018	63.93314	64.81816	73.02549	0	26.97451	12.5821	14.39241	30.48596	2
1692.24	1695.74	1334.74	64.20454	46.89796	63.52013	65.91558	74.88672	0	25.11328	18.39435	6.718925	30.12228	2
1692.245	1695.745	1334.745	66.21058	65.33409	64.42875	63.94494	77.08465	0	22.91535	19.30825	3.607108	31.18373	2
1692.25	1695.75	1334.75	69.86866	77.33708	70.04566	69.76246	55.63348	1.502364	42.86415	15.6872	27.17695	29.96511	2
1692.255	1695.755	1334.755	70.15187	66.16957	69.51465	68.05142	64.38565	0	35.61435	19.46962	16.14473	31.34974	2
1692.26	1695.76	1334.76	71.14309	54.25013	70.62387	68.84204	65.44371	0	34.55629	19.60935	14.94694	31.3275	2
1692.265	1695.765	1334.765	74.63596	62.18714	74.37635	74.55336	58.29757	0.797311	40.90512	24.21792	16.68719	30.90986	2
1692.27	1695.77	1334.77	72.73612	56.08818	71.8747	72.13431	66.18542	0	33.81458	10.81367	23.00091	30.94291	2
1692.275	1695.775	1334.775	70.84808	53.59568	69.85686	68.16942	69.53157	0	30.46843	8.875511	21.59292	31.0744	2
1692.28	1695.78	1334.78	76.31159	57.43886	75.78058	74.25835	60.00847	0.324231	39.6673	13.36592	26.30139	31.72227	2
1692.285	1695.785	1334.785	78.51824	76.78009	78.67164	79.23805	47.99357	3.726326	48.28011	32.50159	15.77852	29.37051	2
1692.29	1695.79	1334.79	74.03414	105.2001	72.31131	70.16367	59.78213	0.974168	39.24371	15.64619	23.59752	30.60105	2
1692.295	1695.795	1334.795	70.08106	95.87068	67.47321	63.82694	72.53558	0	27.46442	16.74835	10.71607	31.77862	2
1692.3	1695.8	1334.8	70.43507	58.80347	68.97184	66.39939	72.30933	0	27.69067	14.09047	13.6002	31.21233	2
1692.305	1695.805	1334.805	72.0045	35.15955	71.32009	70.36427	70.55146	0	29.44854	15.32672	14.12182	30.87167	2
1692.31	1695.81	1334.81	73.47953	53.81847	73.76274	76.19359	57.17991	0.956479	41.86361	22.6686	19.19501	30.42846	2
1692.315	1695.815	1334.815	68.52343	96.66438	67.37881	61.17188	62.43649	0.70677	36.85673	22.40883	14.44791	31.59379	2
1692.32	1695.82	1334.82	71.15489	80.01059	69.39665	65.25476	68.80127	0	31.19873	16.03725	15.16148	31.69018	2
1692.325	1695.825	1334.825	74.23475	24.88321	74.16395	75.29677	66.23101	0	33.76899	13.1738	20.59519	31.00975	2
1692.33	1695.83	1334.83	76.7128	89.00587	76.8662	75.98118	46.69593	3.986734	49.31734	25.19928	24.11806	29.17978	2
1692.335	1695.835	1334.835	75.57998	51.75764	75.63898	76.4768	57.48381	0.952565	41.56362	25.59337	15.97025	30.92915	2
1692.34	1695.84	1334.84	70.21087	75.33194	69.42025	71.44989	63.30295	0	36.69705	15.19415	21.5029	30.8366	2
1692.345	1695.845	1334.845	71.60329	90.76036	70.37607	67.76822	61.67196	0.5433	37.78474	26.73599	11.04875	31.16033	2
1692.35	1695.85	1334.85	69.20785	83.24109	67.70921	64.77095	67.79883	0	32.20117	23.16325	9.037927	31.59809	2
1692.355	1695.855	1334.855	69.66806	104.4621	68.02782	65.90378	63.33736	0.670521	35.99212	16.51256	19.47955	30.90417	2
1692.36	1695.86	1334.86	71.8865	76.05601	71.8747	76.26439	55.55032	1.553794	42.89589	15.27824	27.61765	29.23924	2
1692.365	1695.865	1334.865	74.50615	33.54429	74.32915	75.03717	64.7084	0	35.2916	22.82228	12.46932	31.2158	2
1692.37	1695.87	1334.87	73.96334	47.26	72.84232	72.74792	69.20473	0	30.79527	10.23505	20.56022	30.7897	4
1692.375	1695.875	1334.875	73.75094	71.90649	71.8747	71.56789	69.28861	0	30.71139	18.59742	12.11397	30.7624	4
1692.38	1695.88	1334.88	69.17244	101.0088	67.27261	62.55251	66.64096	0.051248	33.30779	7.834346	25.47344	32.0854	4
1692.385	1695.885	1334.885	69.47925	58.98449	68.84204	67.2018	66.74324	0	33.25676	24.00993	9.246829	31.17486	4
1692.39	1695.89	1334.89	65.40817	91.48444	62.96552	59.73225	76.61579	0	23.38421	20.81946	2.564749	32.2116	4
1692.395	1695.895	1334.895	61.44329	49.79427	60.21606	57.69081	80.93296	0	19.06704	19.06704	0	31.60192	4
1692.4	1695.9	1334.9	62.59971	61.74155	61.51409	59.63785	75.88038	0	24.11962	14.76748	9.352135	31.25885	4
1692.405	1695.905	1334.905	61.71469	67.19999	62.39911	64.27534	61.65588	0	38.34412	8.099081	30.24504	30.11845	4
1692.41	1695.91	1334.91	62.95372	65.33409	61.51409	62.1749	77.42886	0	22.57114	12.2946	10.27655	31.0286	4
1692.415	1695.915	1334.915	65.11316	74.7471	64.67655	64.45235	65.39081	0	34.60919	21.04021	13.56897	30.92825	4
1692.42	1695.92	1334.92	67.1546	94.28328	65.96278	60.80607	64.63785	0.343007	35.01914	27.67884	7.340299	31.76917	4
1692.425	1695.925	1334.925	66.63539	73.68884	67.2136	66.71799	56.3816	1.142148	42.47625	17.68959	24.78667	30.00463	4
1692.43	1695.93	1334.93	60.84147	118.1361	60.27506	52.97071	59.8266	1.99293	38.18047	28.9355	9.24497	30.25262	4
1692.435	1695.935	1334.935	60.79427	87.52986	59.34284	54.76435	74.13562	0	25.86438	19.08402	6.780355	32.24174	4
1692.44	1695.94	1334.94	54.72895	61.49091	52.99431	51.09447	88.21199	0	11.78801	4.92777	6.860237	33.03979	4

1692.445	1695.945	1334.945	56.84119	44.15482	55.51956	54.46934	87.26325	0	12.73675	5.125929	7.610823	32.10982	4
1692.45	1695.95	1334.95	56.32198	26.0668	55.81457	54.45754	85.80804	0	14.19196	9.5523	4.639657	31.23601	4
1692.455	1695.955	1334.955	57.74981	21.77803	57.99762	56.74679	79.6794	0	20.3206	18.69482	1.625774	30.16718	4
1692.46	1695.96	1334.96	58.70563	17.73991	58.03302	57.089	86.91052	0	13.08948	13.08948	0	31.24584	4
1692.465	1695.965	1334.965	58.77643	27.87699	57.96221	56.99459	85.48963	0	14.51037	3.444085	11.06628	31.30085	4
1692.47	1695.97	1334.97	58.64663	35.43804	58.52863	58.29262	78.38362	0	21.61638	4.065469	17.55092	30.29616	4
1692.475	1695.975	1334.975	56.38098	52.70451	54.64635	53.38372	88.81843	0	11.18157	8.110998	3.07057	32.76859	4
1692.48	1695.98	1334.98	54.97675	55.29448	53.53712	52.14469	87.19725	0	12.80275	12.80275	0	32.49685	4
1692.485	1695.985	1334.985	54.39854	47.73343	53.37192	52.6285	86.35816	0	13.64184	13.64184	0	31.89567	4
1692.49	1695.99	1334.99	53.82033	28.42005	53.41912	52.2745	86.71701	0	13.28299	7.184942	6.098049	31.29895	4
1692.495	1695.995	1334.995	55.10656	42.14968	54.00913	50.83487	87.60677	0	12.39323	12.39323	0	32.43994	4
1692.5	1696	1335	54.06813	49.5854	52.4869	48.54562	90.5122	0	9.487799	6.923735	2.564064	33.49331	4
1692.505	1696.005	1335.005	53.66693	33.00124	53.72593	51.47208	82.18287	0	17.81713	13.38674	4.430392	30.76198	4
1692.51	1696.01	1335.01	53.93833	88.99194	53.77313	54.87055	70.12101	0	29.87899	11.50357	18.37542	30.51849	4
1692.515	1696.015	1335.015	56.92379	29.86821	56.74679	55.90897	81.77378	0	18.22622	14.83608	3.390134	30.58832	4
1692.52	1696.02	1335.02	56.43998	26.62378	56.74679	58.15102	79.25451	0	20.74549	11.96895	8.776535	29.64165	4
1692.525	1696.025	1335.025	56.31018	31.85942	56.33378	55.49596	80.30175	0	19.69825	18.69812	1.00013	30.37098	4
1692.53	1696.03	1335.03	58.50503	27.97447	59.02424	60.95948	75.38167	0	24.61833	22.06299	2.555336	29.31857	4
1692.535	1696.035	1335.035	58.64663	28.30866	58.69383	61.51409	78.8286	0	21.1714	21.1714	0	29.57824	4
1692.54	1696.04	1335.04	59.18944	28.35043	58.97704	57.3486	80.33105	0	19.66895	19.66895	0	30.64492	4
1692.545	1696.045	1335.045	61.51409	16.36137	61.24268	60.53467	81.55098	0	18.44902	16.02917	2.41985	30.48693	4
1692.55	1696.05	1335.05	61.59669	50.23986	60.75887	59.75585	77.66608	0	22.33392	8.087033	14.24688	30.94637	4
1692.555	1696.055	1335.055	77.44441	103.4874	76.7482	77.79842	49.10284	3.338329	47.55883	26.55673	21.0021	28.80969	4
1692.56	1696.06	1335.06	77.24381	87.61341	76.937	75.56818	50.111	3.052597	46.83641	28.3337	18.5027	29.67551	4
1692.565	1696.065	1335.065	77.91642	121.9932	76.583	75.22597	49.1286	3.323651	47.54775	27.21176	20.33599	28.91506	4
1692.57	1696.07	1335.07	80.12307	100.2987	79.41506	76.6774	47.5016	3.718206	48.78019	18.34144	30.43875	29.57464	4
1692.575	1696.075	1335.075	78.82504	101.719	76.16999	72.86592	63.44163	0	36.55837	7.882185	28.67618	30.98268	4
1692.58	1696.08	1335.08	72.79512	100.1038	71.59149	70.82448	58.13147	1.361208	40.50732	15.18498	25.32234	30.0911	4
1692.585	1696.085	1335.085	71.49709	138.5773	68.64143	67.86262	62.81831	1.348723	35.83296	26.08745	9.745518	29.89187	4
1692.59	1696.09	1335.09	69.04264	131.5037	66.61179	62.98912	63.49597	1.411191	35.09284	22.44588	12.64696	30.49573	4
1692.595	1696.095	1335.095	71.56789	85.49687	70.30527	66.15158	63.25264	0.129055	36.6183	15.24741	21.37089	31.85764	4
1692.6	1696.1	1335.1	74.97816	132.2138	73.85714	72.40571	47.71227	3.980933	48.30679	25.70905	22.59774	28.36074	4
1692.605	1696.105	1335.105	79.06105	130.2644	78.65984	76.7954	38.84922	6.198551	54.95223	24.37152	30.58071	28.15922	4
1692.61	1696.11	1335.11	69.70346	180.2675	67.46141	60.68807	49.62394	4.972296	45.40377	31.65938	13.74439	27.9891	4
1692.615	1696.115	1335.115	70.29347	157.3894	68.18122	62.1985	53.61165	3.631671	42.75668	18.38566	24.37101	28.87754	4
1692.62	1696.12	1335.12	64.62935	87.01465	63.18972	60.99488	70.64058	0	29.35942	24.2542	5.105215	31.58779	4
1692.625	1696.125	1335.125	71.7921	130.5289	69.69166	67.86262	58.6417	1.914667	39.44363	12.30962	27.13401	29.58326	4
1692.63	1696.13	1335.13	77.82202	202.2405	75.03717	71.03688	41.04418	5.78223	53.17359	21.58294	31.59064	27.10505	4
1692.635	1696.135	1335.135	76.18179	173.9597	75.78058	70.87168	30.92387	8.423186	60.65294	29.64942	31.00352	27.59169	4
1692.64	1696.14	1335.14	68.84204	121.0463	67.0012	64.42875	61.63861	1.460653	36.90074	16.99938	19.90136	30.20527	4
1692.645	1696.145	1335.145	65.57337	88.21217	64.19274	59.47265	69.02502	0	30.97498	24.59152	6.383456	32.03279	4
1692.65	1696.15	1335.15	62.2693	45.90932	60.79427	59.42544	83.03367	0	16.96633	16.96633	0	31.58642	4
1692.655	1696.155	1335.155	65.96278	67.42278	64.64115	64.21634	73.24054	0	26.75946	6.526534	20.23292	30.98833	4
1692.66	1696.16	1335.16	76.5358	179.2371	76.16999	75.96938	29.0467	8.936193	62.01711	41.86134	20.15577	26.68312	4
1692.665	1696.165	1335.165	86.96721	250.9347	92.43072	94.75537	0	40.68102	59.31898	59.31898	0	-9999	4
1692.67	1696.17	1335.17	99.21586	87.39062	101.0567	101.7293	13.30638	27.9394	58.75422	48.90467	9.849543	28.20758	4
1692.675	1696.175	1335.175	102.5789	64.49862	103.5702	103.2397	22.33676	24.82725	52.83599	23.07307	29.76292	28.04548	4
1692.68	1696.18	1335.18	102.1187	62.20106	102.8621	102.8149	25.23665	22.06453	52.69882	39.65657	13.04225	28.17409	4
1692.685	1696.185	1335.185	99.74687	105.6597	100.4903	101.0331	16.90177	22.10539	60.99284	36.94212	24.05072	28.24538	4
1692.69	1696.19	1335.19	105.8122	100.1316	106.4376	110.0721	13.57398	28.75877	57.66725	34.98283	22.68442	27.2937	4
1692.695	1696.195	1335.195	112.9631	85.60827	113.6476	115.2642	10.0525	41.46701	48.48049	44.35967	4.120823	26.37769	4
1692.7	1696.2	1335.2	115.1462	77.72696	115.276	109.5765	14.24961	37.75083	47.99956	26.78715	21.21241	27.62056	4
1692.705	1696.205	1335.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1693	1696.5	1335.5	80.50068	152.7804	79.62746	85.38598	35.73396	6.946979	57.31906	31.0551	26.26397	26.31547	-9999
1693.005	1696.505	1335.505	68.41723	140.8192	66.04538	60.32226	61.35973	2.097012	36.54326	22.64463	13.89863	30.21112	-9999
1693.01	1696.51	1335.51	68.90104	117.0221	67.072	65.58517	62.46674	1.208319	36.32495	13.86339	22.46155	30.2526	-9999
1693.015	1696.515	1335.515	69.86866	136.0709	67.42601	64.54675	61.72221	1.726252	36.55154	10.25475	26.29679	29.99178	-9999
1693.02	1696.52	1335.52	69.44385	92.80728	68.45263	66.7888	61.33425	0.764163	37.90158	28.44811	9.45347	30.71314	-9999
1693.025	1696.525	1335.525	69.06624	61.54661	68.81844	70.81268	63.48527	0	36.51473	8.461871	28.05286	30.6731	-9999
1693.03	1696.53	1335.53	68.03962	128.5517	67.1664	64.55855	53.06149	3.162634	43.77588	23.34368	20.4322	28.71149	-9999
1693.035	1696.535	1335.535	71.20209	179.8916	68.74764	65.72677	49.98232	4.704622	45.31306	15.91673	29.39633	27.46562	-9999
1693.04	1696.54	1335.54	69.60905	194.8326	66.18698	59.27204	55.33122	4.424753	40.24403	16.60839	23.63563	28.28429	-9999
1693.045	1696.545	1335.545	68.85384	140.7357	68.12222	64.19274	48.26646	4.28358	47.44996	32.42412	15.02585	28.23281	-9999
1693.05	1696.55	1335.55	66.22238	113.3042	66.836	68.79484	46.90028	3.776891	49.32283	17.62415	31.69867	27.53807	-9999
1693.055	1696.555	1335.555	67.68561	171.8571	68.05142	61.00668	33.30481	7.698783	58.9964	34.88695	24.10945	27.47527	-9999
1693.06	1696.56	1335.56	68.83024	164.2403	67.57941	65.65597	46.62392	5.15847	48.21761	33.26691	14.9507	27.16058	-9999
1693.065	1696.565	1335.565	70.04566	131.2391	68.09862	64.45235	58.88769	2.081507	39.0308	23.30303	15.72777	29.7914	-9999
1693.07	1696.57	1335.57	68.40543	93.37818	68.84204	69.73886	51.08577	2.653034	46.2612	25.48582	20.77538	28.71939	-9999
1693.075	1696.575	1335.575	63.35493	99.31005	61.30168	59.36644	73.59306	0	26.40694	20.36648	6.040458	32.00081	-9999
1693.08	1696.58	1335.58	63.42573	83.49174	62.59971	61.60849	67.84496	0	32.15504	12.82872	19.32632	31.17246	-9999
1693.085	1696.585	1335.585	64.28714	88.08685	63.59093	62.98912	64.93447	0.200491	34.86504	21.56665	13.29839	30.92747	-9999
1693.09	1696.59	1335.59	65.12496	86.22095	65.30197	66.50559	57.84779	1.197838	40.95438	17.00336	23.95101	29.49233	-9999
1693.095	1696.595	1335.595	67.85082	106.1609	68.77124	70.35247	44.75305	4.080171	51.16677	34.61132	16.55545	27.72573	-9999

1693.1	1696.6	1335.6	66.8478	121.283	68.26383	70.14006	38.17531	5.542735	56.28196	30.39706	25.8849	26.99967	-9999
1693.105	1696.605	1335.605	64.44055	96.9568	63.80333	62.44631	62.18955	0.882263	36.92818	18.39949	18.5287	30.3452	-9999
1693.11	1696.61	1335.61	64.71195	74.02303	63.61453	62.64691	71.05646	0	28.94354	7.299633	21.64391	31.10602	-9999
1693.115	1696.615	1335.615	64.58215	83.812	63.86234	63.20152	65.88048	0	34.11952	11.38648	22.73304	31.14237	-9999
1693.12	1696.62	1335.62	71.23749	210.1218	68.67683	65.98638	43.45709	6.594664	49.94824	27.79134	22.1569	26.19117	-9999
1693.125	1696.625	1335.625	66.23418	133.0632	64.64115	60.42847	59.20926	2.400441	38.3903	18.26093	20.12937	29.59477	-9999
1693.13	1696.63	1335.63	69.83326	114.641	68.33463	64.84176	59.62467	1.568365	38.80697	28.7084	10.09857	30.26431	-9999
1693.135	1696.635	1335.635	75.79238	112.9701	74.58876	70.76548	52.26035	2.650719	45.08893	29.58596	15.50298	29.7578	-9999
1693.14	1696.64	1335.64	78.04623	160.0769	77.03141	70.67108	37.32373	6.597271	56.079	35.73893	20.34007	28.28371	-9999
1693.145	1696.645	1335.645	75.86318	170.9798	77.18481	78.86044	18.58614	11.74169	69.67217	36.28258	33.38959	27.16246	-9999
1693.15	1696.65	1335.65	70.78908	149.5917	72.16971	74.43535	27.97299	8.560224	63.46678	32.43022	31.03656	26.61049	-9999
1693.155	1696.655	1335.655	65.65597	128.1478	65.00696	61.9035	53.61458	3.12015	43.26527	20.97637	22.2889	28.70772	-9999
1693.16	1696.66	1335.66	63.62633	143.813	61.62029	58.22182	62.20785	2.535431	35.25672	13.61329	21.64343	29.44964	-9999
1693.165	1696.665	1335.665	60.95948	103.6684	60.19246	62.0215	64.77389	0.840641	34.38547	23.32851	11.05696	29.80105	-9999
1693.17	1696.67	1335.67	60.05086	80.20554	59.05964	59.26024	73.02543	0	26.97457	4.322102	22.65247	31.02572	-9999
1693.175	1696.675	1335.675	61.50229	101.2316	59.93285	57.52561	71.08294	0	28.91706	15.80246	13.1146	31.97839	-9999
1693.18	1696.68	1335.68	60.69987	104.9356	59.07144	53.34832	71.38207	0.127705	28.49023	21.87208	6.618147	32.5334	-9999
1693.185	1696.685	1335.685	60.90047	91.90218	58.24542	56.02697	82.30791	0	17.69209	14.08748	3.604608	32.93847	-9999
1693.19	1696.69	1335.69	56.56979	77.67126	54.38674	51.83789	86.07795	0	13.92205	13.92205	0	33.30232	-9999
1693.195	1696.695	1335.695	55.47236	54.01342	53.77313	50.90567	89.06325	0	10.93675	10.93675	0	33.14438	-9999
1693.2	1696.7	1335.7	56.56979	140.8331	52.5223	50.07965	85.24218	0.72475	14.03307	14.03307	0	34.43334	-9999
1693.205	1696.705	1335.705	51.25968	48.40181	49.87905	46.44518	91.82773	0	8.172272	8.172272	0	33.58674	-9999
1693.21	1696.71	1335.71	49.38344	23.63	48.52202	47.03519	95.52476	0	4.475236	4.475236	0	33.14339	-9999
1693.215	1696.715	1335.715	49.57224	20.67799	49.28904	47.80221	91.58431	0	8.415691	8.415691	0	31.91908	-9999
1693.22	1696.72	1335.72	49.86725	29.36692	49.38344	48.43942	90.76486	0	9.235137	9.235137	0	31.98469	-9999
1693.225	1696.725	1335.725	52.5931	46.42452	52.14469	52.3925	83.85478	0	16.14522	9.524774	6.620445	31.03513	-9999
1693.23	1696.73	1335.73	52.73471	63.28718	53.06511	54.00913	73.60792	0	26.39208	6.835435	19.55665	29.87951	-9999
1693.235	1696.735	1335.735	55.25996	56.78441	54.72895	51.64908	79.53435	0	20.46565	8.941272	11.52438	31.43097	-9999
1693.24	1696.74	1335.74	58.98884	151.374	56.19218	54.81155	70.77185	2.259838	26.96831	11.73397	15.23434	30.19028	-9999
1693.245	1696.745	1335.745	54.23334	74.10657	52.4633	49.13563	85.88932	0	14.11068	3.550627	10.56005	33.25104	-9999
1693.25	1696.75	1335.75	50.36286	51.47914	49.35984	49.06483	88.98163	0	11.01837	11.01837	0	32.35841	-9999
1693.255	1696.755	1335.755	51.53108	34.68611	50.95287	50.18585	88.67851	0	11.32149	3.382448	7.939044	31.75605	-9999
1693.26	1696.76	1335.76	53.98553	53.27541	53.38372	53.45452	82.10471	0	17.89529	10.28443	7.610865	31.08062	-9999
1693.265	1696.765	1335.765	53.30112	55.08561	51.95589	49.93805	88.05777	0	11.94223	11.94223	0	32.7331	-9999
1693.27	1696.77	1335.77	57.1952	101.5798	55.44876	51.64908	76.33299	0	23.66701	13.48573	10.18128	32.73011	-9999
1693.275	1696.775	1335.775	50.79947	65.58474	48.82883	46.76378	92.66545	0	7.334552	7.334552	0	34.26022	-9999
1693.28	1696.78	1335.78	50.92927	66.97719	49.05303	46.90539	91.47744	0	8.52256	8.52256	0	34.01399	-9999
1693.285	1696.785	1335.785	52.88811	73.57744	51.11807	47.4246	87.25498	0	12.74502	8.801058	3.943962	33.56938	-9999
1693.29	1696.79	1335.79	54.95315	78.38142	53.31292	50.89387	83.18661	0	16.81339	16.08927	0.724124	32.71314	-9999
1693.295	1696.795	1335.795	59.75585	60.08453	59.64965	60.32226	71.30723	0	28.69277	10.08419	18.60858	30.21735	-9999
1693.3	1696.8	1335.8	56.05058	50.04491	55.81457	54.85875	78.15164	0	21.84836	9.762055	12.08631	30.65283	-9999
1693.305	1696.805	1335.805	53.27752	39.67111	52.3453	52.82911	88.60897	0	11.39103	11.39103	0	31.80452	-9999
1693.31	1696.81	1335.81	55.18916	40.42303	54.70535	54.91775	83.19313	0	16.80687	6.81907	9.987802	30.8659	-9999
1693.315	1696.815	1335.815	52.2155	46.34098	51.93229	48.86423	82.94207	0	17.05793	4.021824	13.0361	31.43523	-9999
1693.32	1696.82	1335.82	51.93229	54.98814	51.00007	47.20039	86.13986	0	13.86014	5.23562	8.624518	32.56082	-9999
1693.325	1696.825	1335.825	51.23608	52.21715	51.11807	46.76378	81.14078	0	18.85922	18.85922	0	31.48259	-9999
1693.33	1696.83	1335.83	54.52834	40.39518	53.47812	52.3689	88.19751	0	11.80249	7.552947	4.249546	32.09218	-9999
1693.335	1696.835	1335.835	57.2188	117.3981	54.33954	50.77587	81.26263	0	18.73737	18.73737	0	33.98906	-9999
1693.34	1696.84	1335.84	54.16254	73.03438	52.09749	50.17405	88.50022	0	11.49978	11.05939	0.440382	33.53213	-9999
1693.345	1696.845	1335.845	52.1801	43.58391	51.16527	47.3774	89.31187	0	10.68813	9.761421	0.926712	32.85689	-9999
1693.35	1696.85	1335.85	52.81731	26.8048	52.2745	51.16527	89.1281	0	10.8719	10.8719	0	31.70072	-9999
1693.355	1696.855	1335.855	52.5577	31.97082	52.13289	51.11807	87.20224	0	12.79776	3.721883	9.075874	31.4204	-9999
1693.36	1696.86	1335.86	52.66391	48.33219	51.42488	49.24184	89.45526	0	10.54474	10.54474	0	32.8051	-9999
1693.365	1696.865	1335.865	55.51956	103.7798	53.17132	52.2509	82.0062	0	17.9938	9.032854	8.960942	33.16428	-9999
1693.37	1696.87	1335.87	54.26874	59.17943	52.92351	52.13289	86.17685	0	13.82315	13.82315	0	32.27924	-9999
1693.375	1696.875	1335.875	51.53108	34.63041	51.37768	50.22126	85.39972	0	14.60028	14.60028	0	31.07799	-9999
1693.38	1696.88	1335.88	50.30386	19.6058	50.07965	48.08541	90.71343	0	9.286566	9.286566	0	31.79342	-9999
1693.385	1696.885	1335.885	47.4364	32.87592	47.6724	45.37136	86.5735	0	13.4265	7.857486	5.569009	31.14163	-9999
1693.39	1696.89	1335.89	47.83761	47.98408	48.55742	47.6488	78.79869	0	21.20131	3.630294	17.57102	29.92856	-9999
1693.395	1696.895	1335.895	48.32142	69.74818	48.92323	45.56016	74.00119	0	25.99881	18.06818	7.930631	30.55517	-9999
1693.4	1696.9	1335.9	46.78738	56.1021	46.81099	43.38891	83.19599	0	16.80401	16.80401	0	31.53111	-9999
1693.405	1696.905	1335.905	48.10901	87.62733	47.14139	44.13233	82.03295	0	17.96705	14.22692	3.740131	32.68008	-9999
1693.41	1696.91	1335.91	48.02641	59.12373	48.84063	47.6724	75.19758	0	24.80242	10.91453	13.88789	29.85534	-9999
1693.415	1696.915	1335.915	50.78767	49.16767	50.15045	48.45122	86.31517	0	13.68483	13.68483	0	31.91048	-9999
1693.42	1696.92	1335.92	51.62548	47.85876	50.95287	50.75227	86.13549	0	13.86451	13.86451	0	31.59291	-9999
1693.425	1696.925	1335.925	53.47812	76.16741	51.53108	49.43064	87.45717	0	12.54283	12.54283	0	33.43494	-9999
1693.43	1696.93	1335.93	52.64031	72.61665	50.70507	48.00281	88.9958	0	11.0042	9.754257	1.249944	33.75264	-9999
1693.435	1696.935	1335.935	51.93229	70.45834	50.00885	46.97619	90.07803	0	9.921968	9.845955	0.076014	33.98	-9999
1693.44	1696.94	1335.94	55.76737	79.23082	54.43394	53.52532	79.85422	0	20.14578	9.052165	11.09361	31.89896	-9999
1693.445	1696.945	1335.945	61.9979	51.91081	62.2929	62.45811	68.11322	0	31.88678	23.51759	8.36919	30.14838	-9999
1693.45	1696.95	1335.95	68.42903	90.07806	68.51163	66.24598	54.60624	1.931465	43.4623	22.33475	21.12755	29.7937	-9999
1693.455	1696.955	1335.955	75.35577	175.6724	76.642	68.21663	18.19171	11.77793	70.03036	37.02821	33.00214	28.95295	-9999
1693.46	1696.96	1335.96	79.96967	178.3041	82.90793	83.00233	0.506784	18.60621	80.887	80.887	0	-9999	-9999

1693.465	1696.965	1335.965	79.91067	163.4327	81.97571	86.96721	10.92739	15.09042	73.98219	61.47423	12.50796	27.7082	-9999
1693.47	1696.97	1335.97	79.02565	161.9846	80.11127	80.47708	19.68257	11.94108	68.37635	48.99498	19.38136	27.57534	-9999
1693.475	1696.975	1335.975	76.38239	165.9809	74.32915	69.66806	45.47345	4.681465	49.84509	26.07844	23.76665	28.1382	-9999
1693.48	1696.98	1335.98	76.9606	188.1627	74.82476	69.12524	40.21365	6.061946	53.7244	24.88976	28.83464	27.59299	-9999
1693.485	1696.985	1335.985	76.6656	179.3763	76.01659	72.31131	31.08843	8.391395	60.52018	25.97661	34.54357	27.27735	-9999
1693.49	1696.99	1335.99	78.03443	216.8195	82.16451	82.07011	0	23.09312	76.90688	76.90688	0	-9999	-9999
1693.495	1696.995	1335.995	73.05472	186.8817	76.09919	74.94276	3.9697	15.14447	80.88583	80.16771	0.718121	-9999	-9999
1693.5	1697	1336	68.67683	186.6728	68.55883	60.02726	32.55701	8.214478	59.22851	27.33697	31.89155	27.46458	-9999
1693.505	1697.005	1336.005	65.18396	220.7602	63.40213	54.13894	40.41603	8.040094	51.54388	27.26517	24.27871	26.50927	-9999
1693.51	1697.01	1336.01	61.9743	239.0431	59.86205	53.64333	41.50509	8.80032	49.69459	17.82962	31.86496	25.23749	-9999
1693.515	1697.015	1336.015	57.95041	198.7036	55.14196	49.45424	60.36488	5.443922	34.19119	21.46829	12.72291	27.61529	-9999
1693.52	1697.02	1336.02	54.36314	96.30234	53.04151	52.14469	76.92335	0	23.07665	14.12716	8.949487	32.01512	-9999
1693.525	1697.025	1336.025	53.19492	63.59352	52.5813	51.29508	80.42654	0	19.57346	12.73795	6.835506	31.36548	-9999
1693.53	1697.03	1336.03	53.27752	70.05452	53.36012	47.09419	73.39133	0	26.60867	22.99075	3.617927	31.48191	-9999
1693.535	1697.035	1336.035	50.55166	39.74073	50.29206	49.31264	85.88716	0	14.11284	10.30567	3.807173	31.2804	-9999
1693.54	1697.04	1336.04	51.28328	47.98408	50.46906	50.57526	87.51742	0	12.48258	12.48258	0	31.83545	-9999
1693.545	1697.045	1336.045	51.67269	28.48968	51.11807	50.84667	89.86487	0	10.13513	5.977276	4.157857	31.71385	-9999
1693.55	1697.05	1336.05	52.3689	40.33949	52.14469	53.39552	83.79604	0	16.20396	16.20396	0	30.58494	-9999
1693.555	1697.055	1336.055	50.13865	42.34462	49.23003	48.27422	90.66683	0	9.333166	9.333166	0	32.51525	-9999
1693.56	1697.06	1336.06	50.25666	39.49009	49.15923	48.20341	92.7123	0	7.2877	4.502069	2.78563	32.95131	-9999
1693.565	1697.065	1336.065	50.44546	26.41491	49.65484	50.90567	93.32504	0	6.674956	6.674956	0	32.18086	-9999
1693.57	1697.07	1336.07	55.50776	33.11263	55.01215	54.72895	84.76058	0	15.23942	9.196012	6.043409	31.01412	-9999
1693.575	1697.075	1336.075	56.78219	77.62949	55.30716	52.79371	80.40553	0	19.59447	16.56382	3.030649	32.25616	-9999
1693.58	1697.08	1336.08	56.97099	146.2776	53.93833	51.03547	75.69063	1.750149	22.55922	22.55922	0	31.6265	-9999
1693.585	1697.085	1336.085	55.04755	80.30301	53.23032	51.95589	84.00651	0	15.99349	15.28058	0.712908	32.7313	-9999
1693.59	1697.09	1336.09	57.53741	73.28502	55.68477	54.87055	83.68856	0	16.31144	6.709467	9.601977	32.36742	-9999
1693.595	1697.095	1336.095	64.78275	47.83091	63.66173	62.0333	77.51271	0	22.48729	20.54513	1.942158	31.0834	-9999
1693.6	1697.1	1336.1	66.58819	58.80347	66.17518	66.72979	67.70924	0	32.29076	22.25208	10.03868	30.58329	-9999
1693.605	1697.105	1336.105	65.25476	63.30111	65.13676	66.02178	65.56127	0	34.43873	12.44136	21.99737	30.52223	-9999
1693.61	1697.11	1336.11	59.79125	52.17537	59.11864	55.64937	77.57837	0	22.42163	5.19165	17.22998	31.34829	-9999
1693.615	1697.115	1336.115	60.25146	54.83497	60.28686	55.21276	71.02424	0	28.97576	17.20728	11.76848	31.15564	-9999
1693.62	1697.12	1336.12	61.86809	67.42278	61.85629	56.91199	66.85649	0	33.14351	16.8982	16.2453	31.40617	-9999
1693.625	1697.125	1336.125	67.86262	184.0689	64.34615	60.10986	60.27437	3.650535	36.07509	23.45283	12.62226	28.61147	-9999
1693.63	1697.13	1336.13	70.69468	206.3622	68.09862	63.37853	45.14067	6.2809	48.57843	24.84322	23.73521	26.70162	-9999
1693.635	1697.135	1336.135	74.11675	249.9322	71.06048	64.45235	35.01505	8.541298	56.44365	21.07889	35.36476	26.02338	-9999
1693.64	1697.14	1336.14	70.58847	183.0107	67.78002	59.95646	52.53557	4.412337	43.05209	28.66161	14.39048	28.48713	-9999
1693.645	1697.145	1336.145	65.29017	159.325	66.15158	63.90954	34.70042	7.004071	58.29551	34.62842	23.66709	26.73193	-9999
1693.65	1697.15	1336.15	55.57857	41.55092	54.55194	54.23334	86.76871	0	13.23129	4.909044	8.322246	31.7231	-9999
1693.655	1697.155	1336.155	60.75887	41.13319	59.60245	58.33982	83.10989	0	16.89011	7.966614	8.923495	31.41354	-9999
1693.66	1697.16	1336.16	60.42847	50.28163	59.49625	59.05964	79.46236	0	20.53764	11.0395	9.49814	30.99492	-9999
1693.665	1697.165	1336.165	66.58819	50.29556	66.05718	62.59971	70.68267	0	29.31733	5.430668	23.88666	31.20488	-9999
1693.67	1697.17	1336.17	77.18481	147.2106	73.60934	69.91586	61.07493	0.595363	38.3297	20.63151	17.6982	30.46659	-9999
1693.675	1697.175	1336.175	77.35001	136.8368	74.02234	70.09286	61.51292	0.341736	38.14534	20.28	17.86535	30.83394	-9999
1693.68	1697.18	1336.18	80.00507	175.3243	78.35303	71.54429	36.77012	6.522334	56.70754	35.26588	21.44166	28.1937	-9999
1693.685	1697.185	1336.185	80.28827	155.0223	78.45924	76.4886	42.79444	4.777766	52.42779	24.81644	27.61135	27.9988	-9999
1693.69	1697.19	1336.19	83.63954	224.3527	83.58054	75.34397	9.215525	14.95711	75.82736	56.444	19.38336	29.50812	-9999
1693.695	1697.195	1336.195	86.3418	216.736	86.4126	82.10551	7.56673	16.0201	76.41317	69.09387	7.319299	-9999	-9999
1693.7	1697.2	1336.2	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1694.005	1697.505	1336.505	73.11373	91.41482	72.84232	72.55911	52.71638	2.4124	44.87122	28.51359	16.35763	29.44203	1
1694.01	1697.51	1336.51	67.76822	64.97205	67.2254	64.14554	66.13679	0	33.86321	20.13387	13.72934	31.42862	1
1694.015	1697.515	1336.515	66.37579	48.06762	65.47897	63.48473	74.25225	0	25.74775	8.341143	17.4066	30.98722	1
1694.02	1697.52	1336.52	62.72951	46.48022	62.0805	60.92408	76.07049	0	23.92951	19.56614	4.363376	30.76989	1
1694.025	1697.525	1336.525	65.01876	52.69058	64.07474	63.22512	74.74777	0	25.25223	17.24835	8.003879	30.84267	1
1694.03	1697.53	1336.53	66.11618	83.9791	64.65295	61.43149	70.1902	0	29.8098	13.27259	16.53721	31.68856	1
1694.035	1697.535	1336.535	61.76189	28.3922	61.11288	59.16584	81.338	0	18.662	18.662	0	30.99093	1
1694.04	1697.54	1336.54	59.54345	61.1428	58.55223	55.44876	78.10543	0	21.89457	7.94939	13.94518	31.59014	1
1694.045	1697.545	1336.545	65.36097	60.83646	65.47897	65.14856	64.23097	0	35.76903	15.86272	19.90631	30.73811	1
1694.05	1697.55	1336.55	61.38428	31.46953	60.84147	59.93285	80.11762	0	19.88238	6.900859	12.98152	30.70315	1
1694.055	1697.555	1336.555	64.35795	70.84822	62.98912	61.71469	74.25384	0	25.74616	17.44104	8.305126	31.24749	1
1694.06	1697.56	1336.56	61.12468	48.37396	60.55827	59.63785	76.44849	0	23.55151	5.789043	17.76247	30.72083	1
1694.065	1697.565	1336.565	63.10712	61.8808	62.82391	61.78549	69.16114	0	30.83886	21.67403	9.164829	30.71575	1
1694.07	1697.57	1336.57	61.58489	55.89323	61.04208	59.75585	74.02253	0	25.97747	20.62672	5.350755	30.79155	1
1694.075	1697.575	1336.575	58.03302	65.61259	57.3722	53.37192	75.85269	0	24.14731	5.799147	18.34817	31.54715	1
1694.08	1697.58	1336.58	56.03877	52.39817	55.30716	52.94711	81.43399	0	18.56601	13.18849	5.377519	31.4938	1
1694.085	1697.585	1336.585	55.42516	52.48171	54.87055	53.40732	80.60651	0	19.39349	5.060608	14.33288	31.1573	1
1694.09	1697.59	1336.59	58.26902	70.76468	57.2188	55.03575	77.40667	0	22.59333	20.95578	1.637551	31.57616	1
1694.095	1697.595	1336.595	53.13592	82.07143	51.37768	49.58404	84.88	0	15.12	15.12	0	33.02915	1
1694.1	1697.6	1336.6	53.80853	73.81416	51.96769	50.51626	86.89962	0	13.10038	13.10038	0	33.09768	1
1694.105	1697.605	1336.605	58.80003	117.6905	56.59339	54.66995	74.52437	0.43786	25.03777	23.01328	2.024485	32.08703	1
1694.11	1697.61	1336.61	57.2188	49.8082	57.03	57.2542	76.76835	0	23.23165	12.61583	10.61582	30.32322	1
1694.115	1697.615	1336.615	49.83185	27.86307	49.19463	49.12383	92.35024	0	7.649761	7.649761	0	32.17401	1
1694.12	1697.62	1336.62	52.2509	47.95623	51.70809	48.93503	84.53055	0	15.46945	4.296758	11.17269	31.75972	1
1694.125	1697.625	1336.625	53.27752	46.84226	52.06209	48.94683	89.0684	0	10.9316	4.343575	6.588025	32.84527	1

1694.13	1697.63	1336.63	49.87905	56.92365	47.96741	44.68694	95.15096	0	4.849044	4.849044	0	34.79757	1
1694.135	1697.635	1336.635	54.13894	74.35722	53.65513	50.81127	75.94726	0	24.05274	10.33847	13.71427	31.40458	1
1694.14	1697.64	1336.64	49.69024	44.32191	48.73442	47.4364	90.96667	0	9.033326	5.547086	3.48624	32.71027	1
1694.145	1697.645	1336.645	54.83515	74.02303	54.79975	53.17132	71.91244	0	28.08756	18.68608	9.401475	30.72607	1
1694.15	1697.65	1336.65	53.06511	43.44467	52.4515	50.11505	85.42198	0	14.57802	7.255574	7.322442	31.74337	1
1694.155	1697.655	1336.655	52.75831	41.80157	52.73471	53.79673	81.52928	0	18.47072	6.204967	12.26575	30.26677	1
1694.16	1697.66	1336.66	54.03273	45.5612	53.38372	51.00007	84.29393	0	15.70607	15.70607	0	31.66048	1
1694.165	1697.665	1336.665	51.42488	38.16725	51.14167	48.26242	85.64748	0	14.35252	5.330676	9.021844	31.5745	1
1694.17	1697.67	1336.67	50.50446	48.87525	50.17405	48.71082	84.26874	0	15.73126	15.73126	0	31.37823	1
1694.175	1697.675	1336.675	50.74047	59.37438	49.82005	48.59282	86.08342	0	13.91658	7.816728	6.099853	32.17868	1
1694.18	1697.68	1336.68	51.14167	58.60853	50.03245	48.87603	87.36287	0	12.63713	5.899399	6.737728	32.45073	1
1694.185	1697.685	1336.685	59.51985	256.045	57.0182	49.35984	42.66664	9.558847	47.77451	24.57519	23.19932	24.87156	1
1694.19	1697.69	1336.69	58.77643	111.7447	59.26024	54.98855	55.13394	2.272465	42.59359	29.74202	12.85158	29.05917	1
1694.195	1697.695	1336.695	49.12383	56.22742	48.82883	47.16499	83.48533	0	16.51467	9.120345	7.394321	31.45092	1
1694.2	1697.7	1336.7	51.14167	125.2933	49.38344	44.39194	76.25501	1.034395	22.71059	7.689841	15.02075	32.26736	1
1694.205	1697.705	1336.705	50.48086	55.65652	49.38344	44.94655	88.59376	0	11.40624	4.553359	6.852885	33.19824	1
1694.21	1697.71	1336.71	47.01159	62.24284	45.85517	45.18255	90.64886	0	9.351145	7.333167	2.017978	33.14468	1
1694.215	1697.715	1336.715	50.85847	64.02518	49.57224	48.64002	87.68437	0	12.31563	9.959699	2.355931	32.6948	1
1694.22	1697.72	1336.72	51.53108	43.98772	50.79947	49.70204	87.61639	0	12.38361	12.38361	0	31.92866	1
1694.225	1697.725	1336.725	50.32746	40.92432	49.87905	48.60462	87.27023	0	12.72977	8.250821	4.478954	31.67827	1
1694.23	1697.73	1336.73	48.67542	52.0779	47.7196	46.10297	90.02336	0	9.976639	7.901279	2.07536	32.79381	1
1694.235	1697.735	1336.735	48.20341	27.79345	47.99101	48.13261	90.57298	0	9.427021	9.427021	0	31.53755	1
1694.24	1697.74	1336.74	51.59008	66.78225	50.31566	48.93503	86.25262	0	13.74738	13.74738	0	32.58881	1
1694.245	1697.745	1336.745	57.1834	165.7024	54.12714	46.85819	70.97733	3.043771	25.9789	14.08593	11.89297	30.76408	1
1694.25	1697.75	1336.75	53.51352	74.64963	51.93229	49.21823	84.9569	0	15.0431	7.101263	7.941838	32.93419	1
1694.255	1697.755	1336.755	52.5813	64.58217	52.3453	53.04151	77.82535	0	22.17465	10.43373	11.74092	30.55351	1
1694.26	1697.76	1336.76	52.3099	54.90459	50.79947	48.41582	90.29382	0	9.706176	5.949773	3.756404	33.2889	1
1694.265	1697.765	1336.765	56.47538	45.05992	55.88537	55.74377	81.71074	0	18.28926	4.773352	13.51591	30.90438	1
1694.27	1697.77	1336.77	57.2188	70.05452	56.34558	52.80551	77.17295	0	22.82705	6.018414	16.80864	31.72597	1
1694.275	1697.775	1336.775	59.04784	78.67383	57.92681	54.63455	75.32485	0	24.67515	10.76154	13.91361	31.8053	1
1694.28	1697.78	1336.78	62.2221	59.05411	62.45811	60.67627	66.63553	0	33.36447	10.27114	23.09333	30.65149	1
1694.285	1697.785	1336.785	59.99186	43.68138	60.03906	59.94466	73.87079	0	26.12921	22.24214	3.887072	30.1211	1
1694.29	1697.79	1336.79	61.10108	36.42668	60.84147	60.39306	76.98369	0	23.01631	15.61881	7.397497	30.3748	1
1694.295	1697.795	1336.795	62.41091	69.74818	62.67051	62.89472	63.69096	0	36.30904	16.54697	19.76207	30.52052	1
1694.3	1697.8	1336.8	60.73527	58.38573	60.68807	59.68505	70.36001	0	29.63999	9.653001	19.98699	30.49254	1
1694.305	1697.805	1336.805	55.49596	40.28379	55.09476	53.04151	82.3044	0	17.6956	14.3676	3.327998	31.13187	1
1694.31	1697.81	1336.81	48.05001	59.19336	46.71658	46.13837	91.80326	0	8.19674	8.19674	0	33.36203	1
1694.315	1697.815	1336.815	51.11807	87.27922	49.83185	46.88179	81.81806	0	18.18194	6.2695	11.91244	32.75362	1
1694.32	1697.82	1336.82	57.77341	110.0459	56.90019	52.65211	66.98479	0.915635	32.09957	10.52654	21.57303	30.9372	1
1694.325	1697.825	1336.825	58.78823	93.83769	57.4076	55.01215	73.90598	0	26.09402	18.16971	7.924312	31.94986	1
1694.33	1697.83	1336.83	59.30744	94.07441	57.65541	55.14196	75.47441	0	24.52559	23.26724	1.258356	32.15716	1
1694.335	1697.835	1336.835	57.91501	80.40048	57.57281	52.69931	69.91338	0	30.08662	12.74667	17.33995	31.59024	1
1694.34	1697.84	1336.84	52.6167	64.16443	51.95589	49.35984	81.18615	0	18.81385	9.712829	9.101026	31.72281	1
1694.345	1697.845	1336.845	51.53108	50.79684	51.29508	48.67542	82.12761	0	17.87239	6.998639	10.87375	31.30789	1
1694.35	1697.85	1336.85	52.78191	44.78142	51.97949	50.61066	86.82227	0	13.17773	10.20312	2.974609	31.90053	1
1694.355	1697.855	1336.855	52.05029	44.33584	51.21248	48.52202	87.87754	0	12.12246	12.12246	0	32.32643	1
1694.36	1697.86	1336.86	53.53712	53.97164	53.28932	52.4161	79.6052	0	20.3948	10.25811	10.13669	30.80379	1
1694.365	1697.865	1336.865	54.35134	49.16767	53.96193	53.04151	81.1161	0	18.8839	5.005511	13.87838	30.95153	1
1694.37	1697.87	1336.87	53.47812	42.69274	52.3453	50.39826	89.24787	0	10.75213	8.656968	2.095167	32.51925	1
1694.375	1697.875	1336.875	50.23306	32.80629	49.28904	46.90539	93.16262	0	6.837384	6.837384	0	33.05242	1
1694.38	1697.88	1336.88	53.67873	53.52606	53.24212	51.60188	81.04599	0	18.95401	18.95401	0	31.1857	1
1694.385	1697.885	1336.885	50.62246	55.00206	49.05303	47.89661	92.27993	0	7.720065	4.961148	2.758917	33.52701	1
1694.39	1697.89	1336.89	51.89689	41.85726	51.27148	49.06483	86.97235	0	13.02765	13.02765	0	31.92149	1
1694.395	1697.895	1336.895	52.92351	37.95838	52.4161	51.89689	86.05687	0	13.94313	4.957254	8.985875	31.32239	1
1694.4	1697.9	1336.9	53.45452	43.04085	52.3925	50.95287	88.63662	0	11.36338	11.36338	0	32.29388	1
1694.405	1697.905	1336.905	52.1919	35.93932	52.2627	51.64908	82.73743	0	17.26257	3.888323	13.37425	30.52986	1
1694.41	1697.91	1336.91	49.41884	24.63257	49.26544	48.25061	89.76246	0	10.23754	10.23754	0	31.49877	1
1694.415	1697.915	1336.915	46.88179	30.74546	46.32718	42.95231	93.72659	0	6.273406	6.273406	0	33.10091	1
1694.42	1697.92	1336.92	42.7871	38.43182	41.96109	39.23523	97.737	0	2.263003	2.263003	0	34.32908	1
1694.425	1697.925	1336.925	39.91964	46.34098	38.64522	37.18199	100	0	0	0	0	35.03692	1
1694.43	1697.93	1336.93	42.10269	139.1761	39.31783	33.85432	89.16755	1.416347	9.4161	9.4161	0	35.10265	1
1694.435	1697.935	1336.935	49.46604	153.8108	51.24788	52.5341	43.45979	4.843979	51.69623	21.49844	30.19779	25.35961	1
1694.44	1697.94	1336.94	53.37192	131.81	52.4633	51.18888	66.04161	2.068453	31.88994	18.97715	12.91279	29.27103	1
1694.445	1697.945	1336.945	52.74651	124.1097	51.00007	49.02943	74.97354	1.009653	24.01681	24.01681	0	31.54106	1
1694.45	1697.95	1336.95	51.60188	92.09712	50.33926	46.95259	80.02411	0	19.97589	16.49484	3.481045	32.70858	1
1694.455	1697.955	1336.955	47.7668	92.75158	47.46	46.00857	75.98641	0	24.01359	7.346134	16.66746	31.44134	1
1694.46	1697.96	1336.96	49.07663	73.17363	48.29782	46.63398	83.1773	0	16.8227	3.969551	12.85314	32.09752	1
1694.465	1697.965	1336.965	44.04973	55.00206	43.93173	42.6691	87.07827	0	12.92173	10.99886	1.922867	31.77667	1
1694.47	1697.97	1336.97	45.20615	58.706	44.78134	45.12355	87.49576	0	12.50424	10.12741	2.376831	31.84526	1
1694.475	1697.975	1336.975	46.90539	67.56203	47.11779	48.61642	78.8509	0	21.1491	3.572806	17.57629	30.23921	1
1694.48	1697.98	1336.98	49.59584	49.47401	49.13563	49.48964	85.96574	0	14.03426	14.03426	0	31.37577	1
1694.485	1697.985	1336.985	47.5072	78.64598	47.4836	47.23579	77.44395	0	22.55605	17.24879	5.307259	30.83782	1
1694.49	1697.99	1336.99	47.79041	65.91893	47.81401	45.79616	79.89754	0	20.10246	16.23029	3.87217	31.09214	1

1694.495	1697.995	1336.995	52.2627	115.4208	52.01489	48.01461	65.90698	1.300989	32.79203	13.32278	19.46925	30.12842	1
1694.5	1698	1337	48.95863	114.0005	48.22701	43.67212	73.03996	0.72456	26.23548	20.01339	6.222082	31.54526	1
1694.505	1698.005	1337.005	43.99073	61.96435	43.34171	42.4921	89.56301	0	10.43699	10.43699	0	32.68108	1
1694.51	1698.01	1337.01	47.6488	66.53161	47.5072	44.41554	81.15988	0	18.84012	14.23383	4.606292	31.55529	1
1694.515	1698.015	1337.015	44.16773	82.30815	43.48332	39.91964	84.75132	0	15.24868	15.24868	0	32.90352	1
1694.52	1698.02	1337.02	46.16197	81.84864	46.39798	47.21219	75.89458	0	24.10542	10.04163	14.06379	30.39806	1
1694.525	1698.025	1337.025	41.63068	30.00745	41.19407	41.61888	97.82169	0	2.178309	2.178309	0	33.28976	1
1694.53	1698.03	1337.03	42.22069	70.41656	41.26487	37.7602	91.52376	0	8.476242	2.810997	5.665244	34.01867	1
1694.535	1698.035	1337.035	46.23277	125.725	44.27393	40.71026	82.22142	0.853261	16.92532	8.385773	8.539547	33.25793	1
1694.54	1698.04	1337.04	50.77587	158.9072	48.41582	39.43583	73.12103	2.977258	23.90171	8.271115	15.6306	31.23108	1
1694.545	1698.045	1337.045	52.00309	68.77346	51.71989	47.4128	77.70882	0	22.29118	10.39979	11.89138	31.57478	1
1694.55	1698.05	1337.05	54.78795	122.1185	54.78795	48.85243	60.04241	2.131273	37.82632	17.96491	19.8614	29.47885	1
1694.555	1698.055	1337.055	61.41969	79.96882	62.0805	62.45811	59.02013	0.693559	40.28631	28.6266	11.65972	29.73485	1
1694.56	1698.06	1337.06	62.70591	99.72779	60.44027	57.73801	75.7352	0	24.2648	23.63125	0.633552	32.34117	1
1694.565	1698.065	1337.065	52.2509	63.25933	51.42488	48.87603	83.02205	0	16.97795	16.97795	0	32.00674	1
1694.57	1698.07	1337.07	45.11175	74.67748	45.21795	45.72536	79.60217	0	20.39783	14.08825	6.309581	30.73112	1
1694.575	1698.075	1337.075	42.29149	86.61084	41.72508	40.86366	84.52169	0	15.47831	9.901984	5.576323	32.42455	1
1694.58	1698.08	1337.08	33.80712	64.94421	32.50909	31.80108	100	0	0	0	0	35.46215	1
1694.585	1698.085	1337.085	32.32029	54.04127	31.73028	30.37325	100	0	0	0	0	34.91594	1
1694.59	1698.09	1337.09	34.30273	54.06911	33.74812	32.8631	99.655	0	0.344997	0.344997	0	34.86927	1
1694.595	1698.095	1337.095	34.69214	76.18134	33.70092	32.10788	97.32931	0	2.670691	2.670691	0	35.35462	1
1694.6	1698.1	1337.1	34.78654	97.7505	34.11392	34.06672	89.55352	0	10.44648	10.44648	0	33.68021	1
1694.605	1698.105	1337.105	38.06701	82.21068	37.7602	37.25279	87.46112	0	12.53888	12.53888	0	32.60122	1
1694.61	1698.11	1337.11	35.21135	46.4106	34.71574	33.98412	100	0	0	0	0	34.62869	1
1694.615	1698.115	1337.115	33.0755	40.72937	32.56809	31.63587	100	0	0	0	0	34.15801	1
1694.62	1698.12	1337.12	37.7956	64.67964	36.98138	35.63616	95.88576	0	4.114245	4.114245	0	34.42234	1
1694.625	1698.125	1337.125	42.7871	99.21258	42.8579	44.13233	76.07771	0	23.92229	9.050708	14.87158	30.85422	1
1694.63	1698.13	1337.13	43.25911	102.0532	43.53052	45.39496	73.40135	0.05868	26.53997	8.622823	17.91715	30.37191	1
1694.635	1698.135	1337.135	42.30329	90.28693	41.89028	38.04341	82.43235	0	17.56765	17.56765	0	32.6552	1
1694.64	1698.14	1337.14	36.86338	76.06994	36.10817	34.95174	93.52968	0	6.470315	4.390452	2.079863	34.13385	1
1694.645	1698.145	1337.145	35.47095	84.45253	34.40893	34.83374	95.15988	0	4.840119	4.840119	0	34.72056	1
1694.65	1698.15	1337.15	38.27941	153.0867	39.17623	34.59773	60.78561	3.445952	35.76844	21.45522	14.31322	27.27029	1
1694.655	1698.155	1337.155	38.91662	107.9711	38.79862	31.58867	78.98221	0.104185	20.9136	18.77186	2.141741	32.97156	1
1694.66	1698.16	1337.16	37.39439	58.90094	37.21739	37.8664	92.71491	0	7.28509	4.702077	2.583013	32.70079	1
1694.665	1698.165	1337.165	34.27913	71.30774	33.29971	31.80108	98.79724	0	1.202763	1.202763	0	35.577	1
1694.67	1698.17	1337.17	38.36201	96.59476	38.31481	35.30575	81.69683	0	18.30317	18.30317	0	32.3375	1
1694.675	1698.175	1337.175	42.6101	65.36194	42.5157	42.25609	85.71273	0	14.28727	14.28727	0	31.61615	1
1694.68	1698.18	1337.18	38.26761	72.19891	38.13781	36.33237	88.32763	0	11.67237	11.67237	0	32.59134	1
1694.685	1698.185	1337.185	40.15565	71.89257	39.89604	38.99922	87.67074	0	12.32926	12.32926	0	32.37236	1
1694.69	1698.19	1337.19	33.41771	78.75738	32.8631	30.73905	94.49466	0	5.505341	5.505341	0	34.5252	1
1694.695	1698.195	1337.195	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1695.005	1698.505	1337.505	91.97051	21.77803	91.89971	93.03254	50.66556	5.266967	44.06748	21.01629	23.05119	30.91449	4
1695.01	1698.51	1337.51	93.43374	37.77736	93.79955	92.97353	42.06383	9.40013	48.53604	29.57626	18.95978	29.94971	4
1695.015	1698.515	1337.515	94.75537	84.74495	95.959	98.30724	22.98869	18.1518	58.85951	39.64263	19.21688	27.99734	4
1695.02	1698.52	1337.52	90.96749	106.3141	91.2979	92.02951	28.02124	12.14734	59.83142	36.41583	23.41559	28.23178	4
1695.025	1698.525	1337.525	87.48642	109.7953	87.54542	87.40382	32.48478	9.311569	58.20365	37.05925	21.1444	28.34474	4
1695.03	1698.53	1337.53	91.1091	130.4036	92.48972	96.0298	13.92209	18.65328	67.42464	42.04028	25.38435	27.99957	4
1695.035	1698.535	1337.535	86.18839	112.1207	86.389	86.448	32.0188	9.333093	58.64811	23.7854	34.86271	28.22108	4
1695.04	1698.54	1337.54	80.63048	128.2314	79.35605	76.8662	44.66477	4.336671	50.99856	21.11554	29.88302	28.75781	4
1695.045	1698.545	1337.545	78.28223	116.4651	76.6656	76.9252	52.32469	2.402514	45.27279	23.85881	21.41398	29.11227	4
1695.05	1698.55	1337.55	73.68014	125.8503	73.17273	71.34369	45.69094	4.435758	49.87331	29.02122	20.85209	28.28989	4
1695.055	1698.555	1337.555	69.72706	76.25096	69.49105	68.42903	59.22741	0.780478	39.99211	19.89882	20.09329	30.64221	4
1695.06	1698.56	1337.56	68.39363	150.6778	67.65021	62.50531	46.3753	4.875394	48.7493	30.07142	18.67788	28.01812	4
1695.065	1698.565	1337.565	69.79786	165.4935	68.21663	67.1782	47.99109	4.882594	47.12632	16.0322	31.09412	27.1303	4
1695.07	1698.57	1337.57	73.10193	159.2275	71.57969	68.12222	46.01047	4.864037	49.12549	26.89786	22.22763	27.82511	4
1695.075	1698.575	1337.575	75.34397	117.8019	75.40297	72.14611	41.71823	5.346514	52.93526	20.28807	32.64718	28.56891	4
1695.08	1698.58	1337.58	73.01932	143.0471	72.98392	70.02206	38.47917	6.291606	55.22922	20.21263	35.0166	27.70841	4
1695.085	1698.585	1337.585	72.16971	119.0133	71.8275	68.77124	47.45475	3.961605	48.58364	20.77607	27.80757	28.71498	4
1695.09	1698.59	1337.59	76.6302	100.9671	75.91038	73.30253	50.64475	2.946318	46.40893	32.7233	13.68563	29.6329	4
1695.095	1698.595	1337.595	76.99601	126.1009	76.7718	71.59149	40.38484	5.763013	53.85215	26.22511	27.62704	28.77917	4
1695.1	1698.6	1337.6	74.11675	138.4799	73.53853	70.85988	42.78161	5.246557	51.97184	32.04723	19.92461	28.00369	4
1695.105	1698.605	1337.605	76.6538	106.7875	76.8662	76.14639	41.98979	5.295615	52.7146	20.10327	32.61133	28.41148	4
1695.11	1698.61	1337.61	75.54458	138.9533	76.19359	78.90764	31.84244	8.033117	60.12445	32.00897	28.11548	26.83542	4
1695.115	1698.615	1337.615	76.7836	135.1241	78.01083	80.08767	27.14807	9.492954	63.35898	37.35616	26.00282	27.20373	4
1695.12	1698.62	1337.62	72.35851	161.9149	72.88952	76.20539	30.13142	8.395322	61.47325	38.98101	22.49225	26.11419	4
1695.125	1698.625	1337.625	67.43781	98.29356	68.05142	68.91284	49.41468	3.022367	47.56296	22.59411	24.96885	28.36825	4
1695.13	1698.63	1337.63	65.52617	133.1468	66.9776	60.69987	36.24583	6.047259	57.70691	24.51316	33.19375	28.11577	4
1695.135	1698.635	1337.635	66.23418	199.8176	68.26383	60.38126	14.97896	11.52414	73.4969	45.15289	28.34401	28.33363	4
1695.14	1698.64	1337.64	69.90406	97.16567	69.30225	69.90406	56.83822	1.682617	41.47916	28.77955	12.69962	29.48256	4
1695.145	1698.645	1337.645	67.59121	155.621	66.8242	65.18396	46.10017	5.072073	48.82776	30.69379	18.13396	27.17361	4
1695.15	1698.65	1337.65	70.55307	146.946	70.43507	65.98638	40.44476	5.888373	53.66687	26.74808	26.91879	27.80476	4
1695.155	1698.655	1337.655	68.73584	140.6103	68.67683	66.8478	43.19259	5.199755	51.60766	26.47611	25.13155	27.47573	4
1695.16	1698.66	1337.66	66.8596	131.2669	67.0838	68.59423	44.98498	4.606435	50.40858	28.67827	21.73031	27.06972	4

1695.165	1698.665	1337.665	67.40241	103.7241	67.131	65.98638	54.99194	2.189544	42.81852	21.6001	21.21842	29.22493	4
1695.17	1698.67	1337.67	67.74462	117.3841	68.66503	69.27865	42.13474	4.811711	53.05354	22.88781	30.16573	27.47307	4
1695.175	1698.675	1337.675	67.0956	129.9302	67.2254	62.94192	45.82297	4.435469	49.74156	20.94824	28.79332	28.24034	4
1695.18	1698.68	1337.68	68.22843	109.28	68.97184	68.99544	45.02261	4.127678	50.84971	32.7617	18.08801	27.95782	4
1695.185	1698.685	1337.685	71.27289	150.2879	72.33491	73.03112	29.8286	8.216854	61.95455	32.46897	29.48558	26.81284	4
1695.19	1698.69	1337.69	66.44659	149.9398	67.013	64.86536	38.19402	6.234472	55.57151	24.12808	31.44343	27.00555	4
1695.195	1698.695	1337.695	66.05718	102.2342	67.0838	67.072	46.5304	3.532733	49.93687	35.0715	14.86536	28.11873	4
1695.2	1698.7	1337.7	64.57035	115.3372	65.25476	63.61453	47.37946	3.671511	48.94903	18.45373	30.4953	28.07177	4
1695.205	1698.705	1337.705	67.0838	106.0774	66.9894	65.18396	53.34379	2.528428	44.12778	23.86498	20.26281	29.06363	4
1695.21	1698.71	1337.71	70.37607	125.6832	71.9691	65.76217	32.49268	7.168684	60.33864	25.04119	35.29744	28.53375	4
1695.215	1698.715	1337.715	68.67683	109.5725	67.30801	65.49077	60.90919	1.295316	37.79549	20.58198	17.21351	30.18506	4
1695.22	1698.72	1337.72	69.01904	79.11942	68.40543	68.12222	62.11108	0.312706	37.57621	15.08078	22.49544	30.87619	4
1695.225	1698.725	1337.725	69.20785	86.48552	69.12524	69.21965	56.03945	1.600537	42.36001	16.59029	25.76972	29.66946	4
1695.23	1698.73	1337.73	67.98062	38.80778	67.85082	68.45263	69.07232	0	30.92768	15.72217	15.20551	30.39342	4
1695.235	1698.735	1337.735	67.0956	64.55432	65.78578	63.10712	72.80106	0	27.19894	5.223568	21.97537	31.31966	4
1695.24	1698.74	1337.74	67.65021	76.23703	66.31679	64.34615	69.6465	0	30.3535	19.14025	11.21325	31.30817	4
1695.245	1698.745	1337.745	68.18122	110.0459	66.59999	64.84176	62.89672	1.006956	36.09632	18.98246	17.11387	30.47567	4
1695.25	1698.75	1337.75	67.27261	128.0921	65.97458	62.58791	57.17061	2.504467	40.32492	15.39454	24.93039	29.32417	4
1695.255	1698.755	1337.755	64.51135	140.3875	62.96552	55.48416	58.65597	2.828153	38.51588	25.21522	13.30066	29.77299	4
1695.26	1698.76	1337.76	66.23418	130.6543	65.69137	65.76217	51.65301	3.491586	44.85541	29.4223	15.4331	27.86233	4
1695.265	1698.765	1337.765	67.28441	117.1057	67.0366	66.71799	51.67927	3.104956	45.21578	13.41934	31.79644	28.34341	4
1695.27	1698.77	1337.77	65.75037	98.75307	66.36399	68.09862	50.85592	2.698385	46.4457	30.71892	15.72678	28.23619	4
1695.275	1698.775	1337.775	56.07418	85.65004	55.01215	50.58706	75.91512	0	24.08488	15.4504	8.634487	32.1914	4
1695.28	1698.78	1337.78	56.77039	93.21109	54.87055	50.65786	79.93791	0	20.06209	9.693543	10.36855	33.02078	4
1695.285	1698.785	1337.785	65.30197	164.7416	62.87112	54.28054	58.89381	3.563542	37.54265	14.15904	23.38361	29.44858	4
1695.29	1698.79	1337.79	62.1395	157.1666	59.40184	53.24212	66.01417	2.710735	31.2751	16.92793	14.34716	30.16371	4
1695.295	1698.795	1337.795	63.63813	109.9763	61.9507	57.1126	67.91628	0.5732	31.51052	16.15945	15.35106	31.67905	4
1695.3	1698.8	1337.8	75.07257	113.8891	75.41477	77.44441	40.71998	5.570028	53.70999	32.21902	21.49097	27.60832	4
1695.305	1698.805	1337.805	74.29375	100.0898	72.98392	72.84232	57.57917	1.375003	41.04583	14.69996	26.34587	29.97626	4
1695.31	1698.81	1337.81	73.24353	102.4431	71.40269	71.27289	62.09122	0.5225	37.38628	19.45392	17.93236	30.61182	4
1695.315	1698.815	1337.815	73.24353	100.5911	72.58271	69.82146	53.39421	2.379331	44.22646	18.00833	26.21813	29.77731	4
1695.32	1698.82	1337.82	77.05501	115.1562	76.4768	75.94578	45.72273	4.289266	49.988	34.86602	15.12198	28.49345	4
1695.325	1698.825	1337.825	75.75698	143.4509	74.64776	71.56789	44.18493	4.883432	50.93164	21.88782	29.04382	28.16909	4
1695.33	1698.83	1337.83	71.06048	138.5634	69.30225	64.29894	54.71834	2.915388	42.36627	19.32002	23.04625	29.32629	4
1695.335	1698.835	1337.835	67.62661	117.6209	66.52919	64.84176	57.82429	2.085899	40.08981	23.51089	16.57892	29.39124	4
1695.34	1698.84	1337.84	60.94768	84.74495	59.33104	56.97099	75.94877	0	24.05123	9.868382	14.18285	31.90781	4
1695.345	1698.845	1337.845	59.73225	119.069	57.58461	54.24514	72.87587	0.602606	26.52153	7.502999	19.01853	31.96934	4
1695.35	1698.85	1337.85	57.70261	61.43521	56.06238	54.25694	84.75809	0	15.24191	3.701073	11.54084	32.33469	4
1695.355	1698.855	1337.855	62.3283	124.7502	59.90925	56.41638	71.21604	0.813681	27.97028	16.62581	11.34447	31.66659	4
1695.36	1698.86	1337.86	65.66777	156.54	62.94192	58.61123	62.82834	2.700715	34.47094	25.05877	9.412175	29.55256	4
1695.365	1698.865	1337.865	70.08106	105.7989	69.97486	62.1041	50.74515	3.036266	46.21858	25.83105	20.38752	30.08858	4
1695.37	1698.87	1337.87	73.45593	122.5084	72.14611	69.83326	52.92467	2.780812	44.29452	18.73475	25.55977	29.15855	4
1695.375	1698.875	1337.875	72.73612	113.9169	72.75972	71.55609	45.33197	4.362933	50.3051	28.22578	22.07931	28.35101	4
1695.38	1698.88	1337.88	67.0012	114.9056	66.8714	67.89802	51.55772	3.06439	45.37789	21.9097	23.46819	28.11667	4
1695.385	1698.885	1337.885	61.31348	74.42684	60.48747	58.94163	71.98193	0	28.01807	14.45567	13.5624	31.13989	4
1695.39	1698.89	1337.89	58.50503	113.3182	56.95919	55.75557	70.73258	0.650242	28.61718	7.350381	21.2668	31.13182	4
1695.395	1698.895	1337.895	57.384	123.6641	55.53136	53.40732	71.63794	1.066054	27.296	14.01013	13.28587	31.13665	4
1695.4	1698.9	1337.9	58.89443	69.10765	58.26902	56.27478	73.94002	0	26.05998	14.59237	11.46761	31.11501	2
1695.405	1698.905	1337.905	61.16008	118.4981	59.94466	57.2778	64.47573	1.443308	34.08096	27.89278	6.188181	30.17611	2
1695.41	1698.91	1337.91	63.80333	113.527	62.48171	58.87083	64.07	1.200746	34.72925	16.69878	18.03048	30.60641	2
1695.415	1698.915	1337.915	59.39004	72.4774	58.80003	58.42242	72.39422	0	27.60578	22.43902	5.166757	30.80362	2
1695.42	1698.92	1337.92	52.92351	55.92108	52.1919	50.70507	83.44748	0	16.55252	16.55252	0	31.64082	2
1695.425	1698.925	1337.925	49.04123	35.78615	48.34502	46.76378	91.61748	0	8.38252	5.260915	3.121606	32.52574	2
1695.43	1698.93	1337.93	49.10023	48.08155	48.10901	46.27997	90.87401	0	9.125991	9.125991	0	32.89965	2
1695.435	1698.935	1337.935	46.55138	25.00853	46.88179	47.22399	88.56001	0	11.43999	11.34373	0.096258	30.70566	2
1695.44	1698.94	1337.94	56.26298	140.9027	54.05633	48.54562	71.2411	1.945864	26.81304	7.912909	18.90013	31.10235	2
1695.445	1698.945	1337.945	50.90567	106.5508	48.25061	46.76378	87.95816	0	12.04184	10.01098	2.030861	34.64071	2
1695.45	1698.95	1337.95	48.61642	57.49456	48.23881	47.6252	84.28567	0	15.71433	15.71433	0	31.43675	2
1695.455	1698.955	1337.955	44.82854	45.92324	44.27393	43.20011	91.94255	0	8.057447	8.057447	0	32.69508	2
1695.46	1698.96	1337.96	53.24212	78.52066	52.4633	46.83459	78.05108	0	21.94892	21.94892	0	32.32237	2
1695.465	1698.965	1337.965	61.28988	43.27757	61.08928	59.60245	74.69482	0	25.30518	19.5418	5.76338	30.53336	2
1695.47	1698.97	1337.97	78.19963	41.07749	78.49464	79.81626	55.82929	1.540956	42.62975	25.2878	17.34196	30.89617	2
1695.475	1698.975	1337.975	80.05227	32.36071	79.99327	80.22927	58.97788	0.714724	40.30739	21.53134	18.77606	31.88767	2
1695.48	1698.98	1337.98	84.84317	120.2944	85.64558	85.71638	26.61432	11.21989	62.16579	41.40056	20.76524	28.07057	2
1695.485	1698.985	1337.985	70.18727	350.0498	70.28167	62.72951	0	19.85164	80.14836	80.14836	0	-9999	2
1695.49	1698.99	1337.99	57.3958	73.67491	57.2542	55.11836	70.46396	0	29.53604	16.10414	13.4319	30.86803	2
1695.495	1698.995	1337.995	53.82033	70.08237	52.99431	50.44546	79.92699	0	20.07301	19.56901	0.503992	31.77607	2
1695.5	1699	1338	52.3453	62.63273	51.00007	48.29782	87.11072	0	12.88928	2.90334	9.985941	32.8814	2
1695.505	1699.005	1338.005	51.31868	44.79535	50.22126	49.58404	90.45137	0	9.548633	6.249008	3.299625	32.54629	2
1695.51	1699.01	1338.01	56.42818	82.71196	54.90595	52.2509	79.86707	0	20.13293	13.66161	6.471323	32.34678	2
1695.515	1699.015	1338.015	54.00913	62.60488	52.78191	52.3217	84.67221	0	15.32779	13.6632	1.664591	32.00471	2
1695.52	1699.02	1338.02	65.17216	91.77686	64.02754	62.72951	66.70244	0.040241	33.25732	25.0451	8.212219	31.35766	2
1695.525	1699.025	1338.025	69.72706	275.6648	66.52919	56.55799	33.9237	10.16152	55.91478	22.54069	33.37409	25.60188	4

1695.53	1699.03	1338.03	76.937	396.168	71.43809	63.30772	15.96187	14.11889	69.91924	51.45177	18.46746	24.51518	4
1695.535	1699.035	1338.035	66.67079	164.6024	65.92738	59.56705	44.59056	5.592073	49.81736	26.45885	23.35851	27.65966	4
1695.54	1699.04	1338.04	65.01876	68.09116	64.88896	60.35766	64.71065	0	35.28935	18.84702	16.44233	31.58137	4
1695.545	1699.045	1338.045	68.44083	62.99477	67.73282	68.40543	67.27682	0	32.72318	17.41528	15.30791	30.69655	4
1695.55	1699.05	1338.05	69.60905	88.67168	68.12222	68.68863	66.02406	0	33.97594	10.55097	23.42497	31.0257	4
1695.555	1699.055	1338.055	66.8242	78.01938	66.24598	62.87112	64.12219	0	35.87781	13.26553	22.61228	31.65769	4
1695.56	1699.06	1338.06	64.92436	64.72141	64.46415	61.85629	68.17363	0	31.82637	20.06176	11.76461	31.14733	4
1695.565	1699.065	1338.065	62.77671	75.54081	61.78549	57.384	71.64651	0	28.35349	16.08201	12.27149	31.7279	4
1695.57	1699.07	1338.07	60.87687	68.88486	60.44027	53.84393	70.70686	0	29.29314	7.393639	21.8995	31.8188	4
1695.575	1699.075	1338.075	63.73253	67.57595	62.63511	60.65267	73.51771	0	26.48229	18.56179	7.920499	31.23685	4
1695.58	1699.08	1338.08	67.2018	211.3054	63.02452	61.84449	59.4124	4.793636	35.79396	10.53865	25.25531	27.13073	4
1695.585	1699.085	1338.085	73.18453	369.5025	65.32557	62.51711	44.15759	10.09579	45.74662	18.9623	26.78432	22.54424	4
1695.59	1699.09	1338.09	75.37937	579.2344	65.20756	58.70563	9.307782	20.5259	70.16631	61.30082	8.865497	20.62724	4
1695.595	1699.095	1338.095	81.7751	873.6277	67.2018	59.57885	0	29.90693	70.09307	70.09307	0	-9999	4
1695.6	1699.1	1338.1	81.03169	971.0997	68.77124	62.43451	0	40.37689	59.62311	59.62311	0	-9999	4
1695.605	1699.105	1338.105	69.19605	466.9327	62.87112	51.55468	12.36014	19.48155	68.15831	56.31648	11.84184	22.93593	4
1695.61	1699.11	1338.11	60.09806	147.0156	57.60821	54.04453	68.42835	2.217102	29.35455	20.2597	9.094846	30.2732	4
1695.615	1699.115	1338.115	58.61123	138.6748	56.43998	55.02395	69.34551	1.876954	28.77754	25.35607	3.421463	30.17714	4
1695.62	1699.12	1338.12	61.08928	105.0052	59.07144	57.66721	74.02488	0	25.97512	18.97656	6.998565	32.11468	4
1695.625	1699.125	1338.125	66.41119	187.5222	62.85932	58.32802	61.04835	3.900135	35.05152	17.80008	17.25144	28.54839	4
1695.63	1699.13	1338.13	74.74216	436.3682	66.895	58.70563	26.4516	14.07013	59.47828	40.76691	18.71137	22.22336	4
1695.635	1699.135	1338.135	79.59206	549.9371	74.97816	64.53495	0	25.52986	74.47014	74.47014	0	-9999	4
1695.64	1699.14	1338.14	78.80144	585.4169	71.8983	63.79153	0	24.01025	75.98975	75.98975	0	-9999	4
1695.645	1699.145	1338.145	72.93672	302.3582	67.0602	62.1041	45.27058	8.124474	46.60495	21.66499	24.93996	24.63829	4
1695.65	1699.15	1338.15	70.06926	96.88717	68.73584	67.87442	62.42364	0.626463	36.94989	17.38151	19.56838	30.6855	4
1695.655	1699.155	1338.155	75.08437	76.6687	75.32037	78.83684	50.53952	2.84994	46.61054	19.0558	27.55474	28.8995	4
1695.66	1699.16	1338.16	74.77756	87.02858	75.76878	78.05803	42.46177	4.966012	52.57222	21.29684	31.27538	28.19554	4
1695.665	1699.165	1338.165	77.00781	124.5553	76.76	78.12883	40.93093	5.611454	53.45762	34.87827	18.57935	27.62379	4
1695.67	1699.17	1338.17	77.01961	117.3424	77.32641	77.30281	38.36736	6.326918	55.30572	36.44195	18.86377	27.91563	4
1695.675	1699.175	1338.175	83.53334	131.8518	83.30914	82.16451	32.97878	8.181397	58.83982	36.17493	22.66489	28.05231	4
1695.68	1699.18	1338.18	84.67796	106.1609	84.48916	84.48916	37.86856	6.987087	55.14436	27.06825	28.0761	28.45464	4
1695.685	1699.185	1338.185	83.82835	115.4626	84.18235	84.13515	32.19243	8.943813	58.86376	34.2718	24.59196	28.1055	4
1695.69	1699.19	1338.19	85.45678	109.6839	85.64558	86.88461	33.37304	8.778626	57.84833	28.18958	29.65875	28.03391	4
1695.695	1699.195	1338.195	85.49218	173.3052	85.69278	85.81079	17.85265	13.12898	69.01838	37.36979	31.64859	27.7908	4
1695.7	1699.2	1338.2	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1696.005	1699.505	1338.505	96.2422	81.34735	95.9826	89.71667	33.78306	11.03976	55.17719	24.70867	30.46852	30.01994	-9999
1696.01	1699.51	1338.51	87.60442	114.6549	87.23862	86.90821	34.49245	8.152968	57.35459	38.98689	18.3677	28.38213	-9999
1696.015	1699.515	1338.515	81.6217	105.7014	81.33849	87.04981	41.52313	5.594176	52.88269	21.80639	31.0763	27.46699	-9999
1696.02	1699.52	1338.52	77.70402	120.8235	77.16121	78.12883	43.4798	4.897676	51.62253	35.51502	16.10751	27.96552	-9999
1696.025	1699.525	1338.525	76.9016	164.0036	73.98694	69.88046	52.15026	2.953741	44.896	29.09901	15.79698	28.76817	-9999
1696.03	1699.53	1338.53	72.99572	116.0056	68.67683	66.52919	78.24196	0	21.75804	9.987518	11.77052	31.24873	-9999
1696.035	1699.535	1338.535	72.46471	92.86297	70.41147	67.0602	66.77225	0	33.22775	8.701918	24.52583	31.57837	-9999
1696.04	1699.54	1338.54	74.15215	72.05966	72.39391	67.87442	67.96792	0	32.03208	7.971695	24.06039	31.56992	-9999
1696.045	1699.545	1338.545	75.95758	112.7751	74.04595	71.27289	57.64265	1.321581	41.03577	22.28972	18.74604	30.31959	-9999
1696.05	1699.55	1338.55	68.93644	69.06588	67.29621	63.05992	72.57634	0	27.42366	7.190293	20.23336	31.62797	-9999
1696.055	1699.555	1338.555	69.30225	36.95582	68.74764	66.71799	71.59686	0	28.40314	14.10595	14.29719	30.90698	-9999
1696.06	1699.56	1338.56	71.03688	36.27351	70.42327	69.04264	70.62338	0	29.37662	10.67065	18.70597	30.88116	-9999
1696.065	1699.565	1338.565	69.82146	32.4721	69.24325	66.52919	72.38715	0	27.61285	12.57456	15.03829	31.01752	-9999
1696.07	1699.57	1338.57	67.42601	36.78872	66.68259	64.51135	74.82667	0	25.17333	4.55823	20.6151	30.89368	-9999
1696.075	1699.575	1338.575	67.39061	67.39493	66.13978	63.04812	71.38497	0	28.61503	21.52791	7.087122	31.39846	-9999
1696.08	1699.58	1338.58	69.05444	142.4066	65.71497	58.24542	67.8884	1.006997	31.10461	16.98247	14.12213	31.79207	-9999
1696.085	1699.585	1338.585	66.70619	143.9801	61.9153	58.17462	80.91659	0	19.08341	19.08341	0	33.71564	-9999
1696.09	1699.59	1338.59	66.74159	112.6498	63.56733	58.96524	75.93704	0	24.06296	16.28908	7.773878	32.70554	-9999
1696.095	1699.595	1338.595	66.54099	145.7346	62.87112	61.71469	71.95606	0.948582	27.09536	24.31972	2.775641	31.23067	-9999
1696.1	1699.6	1338.6	63.37853	107.4977	60.07446	57.0654	81.28384	0	18.71616	7.94412	10.77204	33.19066	-9999
1696.105	1699.605	1338.605	64.35795	145.7207	60.53467	60.01546	75.1567	0.893702	23.9496	13.53796	10.41163	31.70611	-9999
1696.11	1699.61	1338.61	63.27232	111.1738	60.46387	58.65843	76.65095	0	23.34905	20.31246	3.036584	32.52474	-9999
1696.115	1699.615	1338.615	64.23994	80.37263	62.52891	62.45811	74.7096	0	25.2904	22.53584	2.754565	31.24733	-9999
1696.12	1699.62	1338.62	65.34917	145.6232	61.54949	59.90925	74.08546	0.862734	25.0518	8.20268	16.84912	31.7349	-9999
1696.125	1699.625	1338.625	66.24598	241.8977	62.84751	50.51626	46.8526	7.739153	45.40825	21.3162	24.09205	26.90013	-9999
1696.13	1699.63	1338.63	73.45593	232.8467	74.42355	58.12742	8.572586	14.31048	77.11693	71.82583	5.291105	30.46477	-9999
1696.135	1699.635	1338.635	62.57611	55.82361	62.52891	61.86809	69.28647	0	30.71353	20.58261	10.13091	30.45688	-9999
1696.14	1699.64	1338.64	59.64965	27.26431	58.96524	57.66721	83.82857	0	16.17143	16.17143	0	31.07236	-9999
1696.145	1699.645	1338.645	59.73225	34.79751	59.42544	59.70865	79.00308	0	20.99692	6.73562	14.2613	30.30931	-9999
1696.15	1699.65	1338.65	58.00942	21.97298	57.1716	56.99459	87.80696	0	12.19304	12.19304	0	31.34165	1
1696.155	1699.655	1338.655	56.46358	18.53361	56.39278	56.29838	84.11708	0	15.88292	11.32758	4.555339	30.41267	1
1696.16	1699.66	1338.66	54.71715	11.02826	54.51654	54.91775	88.54607	0	11.45393	7.828882	3.625051	30.81473	1
1696.165	1699.665	1338.665	55.43696	12.99163	55.44876	56.01517	85.76257	0	14.23743	9.283247	4.954184	30.32904	1
1696.17	1699.67	1338.67	54.74075	16.48669	54.94135	55.81457	84.09405	0	15.90595	14.8982	1.007749	30.01069	1
1696.175	1699.675	1338.675	56.12138	23.07302	55.54316	56.43998	87.26581	0	12.73419	3.525889	9.208305	30.96548	1
1696.18	1699.68	1338.68	56.74679	37.41533	55.94437	55.60217	84.95717	0	15.04283	15.04283	0	31.25879	1
1696.185	1699.685	1338.685	53.70233	17.57281	53.72593	55.16556	86.15834	0	13.84166	13.27526	0.566405	30.26336	1
1696.19	1699.69	1338.69	54.90595	22.14007	54.31594	53.31292	88.70122	0	11.29878	11.27221	0.02657	31.51726	1

1696.195	1699.695	1338.695	55.92077	17.99055	55.64937	54.76435	86.30257	0	13.69743	6.242489	7.454941	30.9124	1
1696.2	1699.7	1338.7	56.29838	21.31852	55.81457	55.04755	86.79594	0	13.20406	13.20406	0	31.12821	1
1696.205	1699.705	1338.705	55.29536	20.35772	55.43696	54.42214	83.10428	0	16.89572	13.93679	2.958936	30.36169	1
1696.21	1699.71	1338.71	57.2896	18.22727	57.3014	56.79399	82.79112	0	17.20888	8.966602	8.24228	30.31875	1
1696.215	1699.715	1338.715	56.67599	25.46804	56.20398	55.02395	85.3529	0	14.6471	8.337112	6.309988	31.08538	1
1696.22	1699.72	1338.72	55.29536	14.60688	54.84695	54.70535	89.06858	0	10.93142	10.93142	0	31.1981	1
1696.225	1699.725	1338.725	55.23636	17.51711	55.14196	55.53136	85.67502	0	14.32498	9.20009	5.124886	30.48324	1
1696.23	1699.73	1338.73	55.94437	17.86523	56.10958	55.76737	82.92747	0	17.07253	14.37228	2.700251	30.18065	1
1696.235	1699.735	1338.735	54.36314	16.58417	53.96193	52.80551	89.08191	0	10.91809	10.91809	0	31.39547	1
1696.24	1699.74	1338.74	54.61095	18.45006	53.98553	53.25392	90.13997	0	9.860034	9.860034	0	31.64543	1
1696.245	1699.745	1338.745	57.70261	26.55416	57.3368	56.75859	83.3225	0	16.6775	9.710167	6.967332	30.71434	1
1696.25	1699.75	1338.75	61.01848	45.89539	60.02726	59.93285	80.43827	0	19.56173	12.97747	6.584256	30.93657	1
1696.255	1699.755	1338.755	62.1513	47.35747	60.84147	59.86205	81.51145	0	18.48855	18.48855	0	31.30937	1
1696.26	1699.76	1338.76	63.48473	34.82536	62.72951	63.03632	79.01923	0	20.98077	5.234862	15.7459	30.52441	1
1696.265	1699.765	1338.765	63.99214	33.66962	63.05992	63.34313	80.20388	0	19.79612	4.232216	15.5639	30.64453	1
1696.27	1699.77	1338.77	63.44933	47.8866	62.1985	60.12166	79.73196	0	20.26804	3.552508	16.71553	31.33171	1
1696.275	1699.775	1338.775	62.62331	71.37736	61.76189	54.68175	71.78922	0	28.21078	14.19073	14.02004	32.1196	1
1696.28	1699.78	1338.78	63.33132	163.015	59.88565	54.22154	68.98951	2.451119	28.55937	9.117499	19.44187	30.62814	1
1696.285	1699.785	1338.785	62.48171	121.5197	58.30442	55.75557	85.48302	0	14.51698	14.51698	0	34.25807	1
1696.29	1699.79	1338.79	61.53769	27.73775	60.87687	59.42544	81.7941	0	18.2059	18.2059	0	30.91106	1
1696.295	1699.795	1338.795	60.15706	71.23811	60.39306	55.49596	65.58684	0	34.41316	20.12855	14.28461	31.28047	1
1696.3	1699.8	1338.8	59.41364	52.21715	58.52863	56.27478	79.56179	0	20.43821	20.43821	0	31.3332	1
1696.305	1699.805	1338.805	61.23088	28.78209	61.08928	61.16008	77.79975	0	22.20025	4.980059	17.2202	30.16084	1
1696.31	1699.81	1338.81	65.66777	42.17753	64.62935	63.05992	77.42645	0	22.57355	11.81472	10.75882	30.95271	1
1696.315	1699.815	1338.815	66.43479	47.87268	65.29017	65.13676	76.16564	0	23.83436	9.625517	14.20885	30.72095	1
1696.32	1699.82	1338.82	63.63813	34.70003	63.29592	64.52315	75.70762	0	24.29238	15.80793	8.484457	30.07471	1
1696.325	1699.825	1338.825	63.76793	36.45453	62.89472	60.69987	79.27894	0	20.72106	20.72106	0	31.05859	1
1696.33	1699.83	1338.83	62.72951	46.06249	61.86809	60.86507	77.81771	0	22.18229	11.02413	11.15816	30.87161	1
1696.335	1699.835	1338.835	64.62935	42.94338	63.36673	61.9389	79.93405	0	20.06595	20.06595	0	31.14088	1
1696.34	1699.84	1338.84	63.16612	51.52092	61.45509	60.02726	82.67963	0	17.32037	17.32037	0	31.65641	1
1696.345	1699.845	1338.845	60.54647	29.99353	59.73225	57.58461	83.349	0	16.651	6.269376	10.38163	31.27339	1
1696.35	1699.85	1338.85	57.69081	23.83887	57.4548	56.75859	82.98449	0	17.01551	17.01551	0	30.59269	1
1696.355	1699.855	1338.855	57.1008	42.13576	56.55799	54.25694	81.4772	0	18.5228	7.38689	11.13591	31.18777	1
1696.36	1699.86	1338.86	56.82939	25.8997	56.71139	56.07418	82.36375	0	17.63625	15.5056	2.130648	30.47797	1
1696.365	1699.865	1338.865	55.64937	32.87592	55.57857	53.21852	81.39532	0	18.60468	17.89993	0.704744	30.77203	1
1696.37	1699.87	1338.87	55.23636	25.55159	55.09476	52.71111	84.09649	0	15.90351	15.90351	0	30.96864	1
1696.375	1699.875	1338.875	57.80881	37.74952	57.325	56.55799	81.43004	0	18.56996	5.34364	13.22632	30.80073	1
1696.38	1699.88	1338.88	61.44329	68.14686	61.08928	56.85299	69.72419	0	30.27581	24.45335	5.822456	31.34022	1
1696.385	1699.885	1338.885	59.93285	124.8059	56.25118	50.92927	83.19172	0	16.80828	16.75911	0.049166	34.72837	1
1696.39	1699.89	1338.89	56.35738	66.62908	54.72895	52.2745	84.64733	0	15.35267	15.35267	0	32.57849	1
1696.395	1699.895	1338.895	53.23032	37.5128	51.94409	49.12383	91.91827	0	8.081734	8.081734	0	33.1134	1
1696.4	1699.9	1338.9	50.53986	26.38706	49.28904	47.46	96.81156	0	3.188443	3.188443	0	33.74062	1
1696.405	1699.905	1338.905	48.25061	26.60986	47.6724	46.52778	93.65099	0	6.349009	4.771136	1.577873	32.56033	1
1696.41	1699.91	1338.91	47.3302	33.98988	46.56318	45.12355	94.17504	0	5.824959	5.824959	0	33.03126	1
1696.415	1699.915	1338.915	46.26817	28.01624	46.13837	44.68694	91.65932	0	8.34068	8.34068	0	31.9685	1
1696.42	1699.92	1338.92	45.52476	24.32623	45.24155	44.54534	94.42512	0	5.57488	5.57488	0	32.41128	1
1696.425	1699.925	1338.925	44.82854	27.19469	44.47454	43.43612	94.92018	0	5.07982	5.07982	0	32.70501	1
1696.43	1699.93	1338.93	46.97619	23.33758	46.53958	45.58376	94.51793	0	5.482069	5.482069	0	32.54857	1
1696.435	1699.935	1338.935	48.23881	20.35772	48.03821	47.6252	92.2484	0	7.751597	7.496105	0.255492	31.75875	1
1696.44	1699.94	1338.94	49.56044	22.54388	49.19463	49.05303	91.78378	0	8.216218	8.216218	0	31.77261	1
1696.445	1699.945	1338.945	49.37164	20.88686	48.71082	48.35682	94.64478	0	5.355221	5.355221	0	32.53008	1
1696.45	1699.95	1338.95	49.50144	21.12358	48.86423	47.16499	94.28517	0	5.714829	5.714829	0	32.69271	1
1696.455	1699.955	1338.955	50.61066	19.99569	50.16225	49.74925	92.07441	0	7.925595	3.265923	4.659672	31.86951	1
1696.46	1699.96	1338.96	52.02669	38.3065	51.18888	49.89085	89.35835	0	10.64165	10.64165	0	32.16383	1
1696.465	1699.965	1338.965	51.61368	31.66448	51.24788	50.04425	87.68762	0	12.31238	12.31238	0	31.46024	1
1696.47	1699.97	1338.97	51.14167	24.13128	50.58706	49.82005	91.40813	0	8.591873	7.606139	0.985734	31.96233	1
1696.475	1699.975	1338.975	50.77587	23.19834	50.25666	49.89085	91.69609	0	8.303912	8.303912	0	31.90172	1
1696.48	1699.98	1338.98	49.74925	26.60986	48.99403	48.60462	93.64403	0	6.355971	6.355971	0	32.51373	1
1696.485	1699.985	1338.985	50.50446	26.8605	49.91445	49.67844	91.60825	0	8.391751	8.391751	0	31.98598	1
1696.49	1699.99	1338.99	50.51626	23.58823	50.28026	50.23306	89.64573	0	10.35427	6.733795	3.620479	31.3137	1
1696.495	1699.995	1338.995	50.66966	32.5278	49.32444	48.14441	95.9377	0	4.062305	4.062305	0	33.61902	1
1696.5	1700	1339	50.30386	24.43762	50.23306	50.78767	88.35526	0	11.64474	5.556056	6.088687	30.90382	1
1696.505	1700.005	1339.005	52.1565	35.82792	51.83789	51.22428	85.81487	0	14.18513	5.287159	8.897974	31.13373	1
1696.51	1700.01	1339.01	50.28026	33.23795	49.00583	46.83459	95.57538	0	4.424618	4.424618	0	33.70708	1
1696.515	1700.015	1339.015	50.85847	17.43356	50.30386	49.74925	93.28952	0	6.710475	6.710475	0	32.13662	1
1696.52	1700.02	1339.02	49.53684	37.10899	48.15621	45.44216	96.1456	0	3.854399	3.854399	0	34.10899	1
1696.525	1700.025	1339.025	47.82581	12.50427	47.6252	46.44518	94.52891	0	5.471092	5.471092	0	32.18084	1
1696.53	1700.03	1339.03	47.89661	17.62851	47.5072	45.79616	94.68693	0	5.313066	5.313066	0	32.55274	1
1696.535	1700.035	1339.035	48.54562	17.80953	48.22701	48.08541	93.49732	0	6.502676	6.502676	0	31.97256	1
1696.54	1700.04	1339.04	50.09145	17.61458	49.72565	48.34502	92.48814	0	7.511858	7.511858	0	32.02469	1
1696.545	1700.045	1339.045	51.00007	32.01259	50.30386	48.22701	90.72855	0	9.271452	9.271452	0	32.33724	1
1696.55	1700.05	1339.05	52.3571	35.11777	52.14469	50.96467	84.9791	0	15.0209	3.815734	11.20516	31.04774	1
1696.555	1700.055	1339.055	51.84969	48.55498	50.65786	48.35682	89.78462	0	10.21538	10.21538	0	32.85297	1

1696.56	1700.06	1339.06	50.79947	41.74587	49.82005	48.56922	90.7525	0	9.247504	9.247504	0	32.57668	1
1696.565	1700.065	1339.065	52.5459	37.97231	51.48388	49.65484	90.69914	0	9.30086	9.30086	0	32.60657	1
1696.57	1700.07	1339.07	56.34558	51.54877	55.47236	53.36012	82.4547	0	17.5453	6.452564	11.09273	31.58736	1
1696.575	1700.075	1339.075	57.63181	33.87848	56.93559	55.93257	84.1758	0	15.8242	13.026	2.798192	31.16563	4
1696.58	1700.08	1339.08	61.64389	68.84309	60.65267	58.26902	74.30955	0	25.69045	19.44729	6.243153	31.32937	4
1696.585	1700.085	1339.085	67.99242	107.0521	66.19878	65.14856	65.44105	0.521648	34.0373	11.35079	22.68652	30.88009	4
1696.59	1700.09	1339.09	68.06322	70.6672	66.9422	64.86536	68.9683	0	31.0317	8.381751	22.64995	31.24446	4
1696.595	1700.095	1339.095	70.43507	81.47267	69.47925	67.42601	62.89095	0.178465	36.93058	16.38546	20.54513	31.37745	4
1696.6	1700.1	1339.1	67.0248	146.4726	63.99214	61.76189	66.39395	1.682583	31.92346	22.98792	8.935545	30.21453	4
1696.605	1700.105	1339.105	66.43479	59.51362	65.36097	64.70015	72.79982	0	27.20018	4.66366	22.53652	30.84931	4
1696.61	1700.11	1339.11	69.21965	92.96045	67.73282	64.60575	65.34443	0.065641	34.58992	8.668453	25.92147	31.687	4
1696.615	1700.115	1339.115	70.73008	72.4774	69.82146	66.19878	64.43059	0	35.56941	15.29439	20.27502	31.75657	4
1696.62	1700.12	1339.12	67.94522	62.7302	67.28441	67.0838	67.431	0	32.569	5.799763	26.76924	30.82174	4
1696.625	1700.125	1339.125	65.83298	69.8735	65.76217	65.45537	63.07299	0	36.92701	11.21751	25.7095	30.93195	4
1696.63	1700.13	1339.13	63.44933	66.0721	62.64691	61.27808	71.8559	0	28.1441	23.6805	4.463599	30.97682	4
1696.635	1700.135	1339.135	65.86838	45.43588	65.73857	65.44357	69.41158	0	30.58842	13.29629	17.29213	30.46112	4
1696.64	1700.14	1339.14	67.0956	67.77089	66.777	67.1546	64.34069	0	35.65931	8.284868	27.37444	30.82368	4
1696.645	1700.145	1339.145	63.01272	39.51794	62.3401	61.71469	77.67772	0	22.32228	8.591423	13.73086	30.64625	4
1696.65	1700.15	1339.15	64.15734	35.63298	63.54373	63.24872	77.10756	0	22.89244	19.37699	3.515449	30.50925	4
1696.655	1700.155	1339.155	65.90378	35.14562	64.80636	63.55553	79.36831	0	20.63169	20.20876	0.422933	30.92237	4
1696.66	1700.16	1339.16	71.07228	42.06613	70.91888	70.74188	65.62237	0	34.37763	7.769641	26.60799	30.94903	4
1696.665	1700.165	1339.165	72.0281	99.51892	71.01328	69.70346	57.51543	1.524225	40.96035	25.98274	14.9776	30.01664	4
1696.67	1700.17	1339.17	69.70346	57.16037	69.38485	68.73584	64.50921	0	35.49079	22.62526	12.86553	31.07515	4
1696.675	1700.175	1339.175	69.98666	78.01938	69.18425	68.58243	62.95031	0.108967	36.94072	9.495588	27.44514	31.16996	4
1696.68	1700.18	1339.18	72.50011	71.12672	71.03688	69.20785	67.42726	0	32.57274	5.210137	27.3626	31.19936	4
1696.685	1700.185	1339.185	75.19057	76.04209	74.16395	71.22569	60.3788	0.398262	39.22293	15.88805	23.33488	31.54226	4
1696.69	1700.19	1339.19	74.02234	130.2365	71.7921	69.76246	57.66661	1.808664	40.52473	12.94403	27.58069	29.62865	4
1696.695	1700.195	1339.195	65.84478	35.7026	64.22814	63.67353	83.31168	0	16.68832	16.68832	0	31.19867	4
1696.7	1700.2	1339.2	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1697.01	1700.51	1339.51	60.98308	45.88147	62.1395	62.0215	63.82997	0	36.17003	20.68527	15.48476	29.84078	-9999
1697.015	1700.515	1339.515	59.68505	38.54322	60.06266	60.34586	72.83584	0	27.16416	13.401	13.76316	29.77432	-9999
1697.02	1700.52	1339.52	57.2424	34.92283	56.95919	56.43998	81.08051	0	18.91949	6.801882	12.11761	30.5664	-9999
1697.025	1700.525	1339.525	57.65541	45.92324	56.43998	54.07993	85.26314	0	14.73686	10.76914	3.96772	32.0022	-9999
1697.03	1700.53	1339.53	54.74075	24.38193	54.37494	53.13592	86.57309	0	13.42691	11.17749	2.249413	31.16339	-9999
1697.035	1700.535	1339.535	53.21852	22.86415	52.4869	51.23608	91.17586	0	8.824143	8.436557	0.387586	32.06658	-9999
1697.04	1700.54	1339.54	52.66391	21.05395	52.02669	50.95287	91.39255	0	8.607448	8.607448	0	31.98564	-9999
1697.045	1700.545	1339.545	51.76709	27.77952	50.88207	49.80825	92.51053	0	7.489473	6.821564	0.667909	32.4883	-9999
1697.05	1700.55	1339.55	51.60188	22.02867	50.82307	49.28904	93.23115	0	6.768848	6.768848	0	32.52803	-9999
1697.055	1700.555	1339.555	51.88509	46.34098	50.19765	48.97043	94.12882	0	5.87118	5.049283	0.821898	33.71262	-9999
1697.06	1700.56	1339.56	51.64908	81.86256	49.58404	47.99101	88.67618	0	11.32382	10.82747	0.496346	33.79467	-9999
1697.065	1700.565	1339.565	49.50144	25.98325	48.71082	47.24759	94.298	0	5.701996	5.701996	0	32.85219	-9999
1697.07	1700.57	1339.57	48.76983	26.59593	48.15621	47.3184	93.45104	0	6.548958	5.490034	1.058923	32.47421	-9999
1697.075	1700.575	1339.575	49.07663	31.09357	48.06181	47.6842	95.18972	0	4.810284	4.810284	0	33.10583	-9999
1697.08	1700.58	1339.58	47.4718	13.64608	47.24759	46.76378	94.76118	0	5.238821	5.238821	0	32.13861	-9999
1697.085	1700.585	1339.585	47.2948	14.45371	46.97619	46.62218	95.46019	0	4.539808	4.539808	0	32.3465	-9999
1697.09	1700.59	1339.59	47.5662	21.40207	46.91719	46.76378	96.08965	0	3.910352	3.069662	0.840689	32.82554	-9999
1697.095	1700.595	1339.595	50.03245	31.0518	49.37164	48.29782	91.57692	0	8.423085	8.423085	0	32.26968	-9999
1697.1	1700.6	1339.6	50.05605	38.27865	49.50144	49.40704	88.98324	0	11.01676	11.01676	0	31.72179	-9999
1697.105	1700.605	1339.605	48.38042	41.11926	47.94381	47.6252	88.92287	0	11.07713	9.16996	1.907166	31.75329	-9999
1697.11	1700.61	1339.61	49.05303	35.61906	48.71082	48.64002	88.9035	0	11.0965	11.0965	0	31.51643	-9999
1697.115	1700.615	1339.615	48.45122	30.77331	48.15621	47.6724	90.26404	0	9.735964	9.735964	0	31.69226	-9999
1697.12	1700.62	1339.62	49.77285	35.1317	49.63124	49.39524	86.80453	0	13.19547	9.598427	3.597039	31.07261	-9999
1697.125	1700.625	1339.625	55.92077	125.5439	53.52532	52.71111	76.73599	0.775245	22.48877	10.25027	12.2385	31.9733	-9999
1697.13	1700.63	1339.63	48.67542	36.96974	48.35682	47.80221	88.74113	0	11.25887	5.921791	5.337075	31.59439	-9999
1697.135	1700.635	1339.635	47.3302	34.07343	46.55138	45.19435	94.24627	0	5.753726	4.695166	1.05856	33.03439	-9999
1697.14	1700.64	1339.64	48.02641	33.66962	47.5544	47.04699	91.32573	0	8.674269	8.674269	0	32.07479	-9999
1697.145	1700.645	1339.645	50.62246	34.71396	50.30386	49.24184	87.49576	0	12.50424	7.127413	5.376831	31.43388	-9999
1697.15	1700.65	1339.65	55.11836	48.20687	54.78795	52.6285	80.1857	0	19.8143	7.562981	12.25132	31.01941	-9999
1697.155	1700.655	1339.655	55.00035	86.48552	55.28356	51.57828	66.27533	0	33.72467	11.15409	22.57058	31.05378	-9999
1697.16	1700.66	1339.66	58.21002	66.94934	57.90321	55.33076	72.62279	0	27.37721	6.881817	20.49539	30.97203	-9999
1697.165	1700.665	1339.665	56.28658	62.02005	54.83515	51.55468	84.45608	0	15.54392	6.688661	8.855263	32.52372	-9999
1697.17	1700.67	1339.67	46.90539	35.53551	46.53958	45.74896	91.08246	0	8.917541	8.917541	0	32.06223	-9999
1697.175	1700.675	1339.675	43.14111	26.21997	42.6455	43.57772	97.80593	0	2.194075	2.194075	0	33.09402	-9999
1697.18	1700.68	1339.68	42.5747	23.53253	42.36229	42.18529	96.78254	0	3.21746	3.21746	0	32.79063	-9999
1697.185	1700.685	1339.685	42.5511	34.2266	41.90208	42.04369	97.60001	0	2.399993	2.399993	0	33.51206	-9999
1697.19	1700.69	1339.69	43.40072	37.94446	42.32689	42.13809	99.2109	0	0.789096	0.789096	0	34.35176	-9999
1697.195	1700.695	1339.695	43.95533	55.2527	42.4567	42.11449	97.80433	0	2.195666	2.195666	0	34.75675	-9999
1697.2	1700.7	1339.7	43.77832	38.05586	42.97591	43.18831	96.73315	0	3.266847	3.266847	0	33.47597	-9999
1697.205	1700.705	1339.705	46.00857	43.19402	45.06455	42.30329	94.53531	0	5.464687	5.464687	0	33.70932	-9999
1697.21	1700.71	1339.71	41.70148	40.46481	40.59226	38.77502	100	0	0	0	0	34.93457	-9999
1697.215	1700.715	1339.715	42.4803	33.58607	41.57168	40.78106	99.83209	0	0.167906	0.167906	0	34.41375	-9999
1697.22	1700.72	1339.72	40.71026	21.06788	40.35625	40.49786	100	0	0	0	0	33.56453	-9999
1697.225	1700.725	1339.725	43.49512	20.63622	42.7517	41.85488	100	0	0	0	0	33.9116	-9999

1697.23	1700.73	1339.73	47.99101	31.53916	47.84941	47.3184	89.31322	0	10.68678	10.68678	0	31.45029	-9999
1697.235	1700.735	1339.735	50.07965	35.28487	49.79645	49.60764	87.58263	0	12.41737	12.41737	0	31.27571	-9999
1697.24	1700.74	1339.74	52.84091	51.49307	52.2981	52.2155	83.13183	0	16.86817	10.53094	6.337231	31.12835	-9999
1697.245	1700.745	1339.745	55.11836	47.83091	54.44574	53.57252	82.92879	0	17.07121	12.16724	4.903968	31.2412	-9999
1697.25	1700.75	1339.75	59.39004	50.10061	58.82363	61.60849	77.6265	0	22.3735	7.304112	15.06939	30.08472	-9999
1697.255	1700.755	1339.755	56.59339	84.39683	56.42818	53.83213	68.79038	0	31.20962	13.60327	17.60636	31.09002	-9999
1697.26	1700.76	1339.76	52.65211	54.09696	51.74349	48.98223	85.51039	0	14.48961	14.48961	0	32.19984	-9999
1697.265	1700.765	1339.765	50.02065	39.26729	49.96165	49.96165	84.93558	0	15.06442	13.62177	1.442653	30.79536	-9999
1697.27	1700.77	1339.77	48.86423	40.71545	48.01461	47.16499	91.77631	0	8.223693	8.223693	0	32.61756	-9999
1697.275	1700.775	1339.775	49.01763	32.43033	48.85243	48.85243	88.33597	0	11.66403	3.736282	7.927751	31.22349	-9999
1697.28	1700.78	1339.78	48.40402	33.00124	47.94381	48.91143	91.04863	0	8.951373	8.431861	0.519511	31.72362	-9999
1697.285	1700.785	1339.785	47.95561	24.29838	47.86121	49.32444	90.73225	0	9.267753	9.267753	0	31.13942	-9999
1697.29	1700.79	1339.79	48.75803	26.09465	48.59282	48.71082	90.10804	0	9.891962	9.891962	0	31.36304	-9999
1697.295	1700.795	1339.795	51.77889	34.31015	51.34228	50.03245	87.44409	0	12.55591	12.55591	0	31.53234	-9999
1697.3	1700.8	1339.8	47.5662	40.45088	47.5308	48.08541	86.72434	0	13.27566	7.649814	5.625848	30.95498	-9999
1697.305	1700.805	1339.805	46.05577	26.35922	45.86697	46.55138	92.71299	0	7.287008	7.287008	0	31.77508	-9999
1697.31	1700.81	1339.81	45.70176	21.83373	45.65456	45.72536	93.03642	0	6.963576	6.963576	0	31.7507	-9999
1697.315	1700.815	1339.815	46.04397	19.27161	46.04397	46.11477	92.97582	0	7.024181	7.024181	0	31.64587	-9999
1697.32	1700.82	1339.82	45.72536	23.85279	45.96137	47.17679	90.33125	0	9.668747	9.668747	0	30.87049	-9999
1697.325	1700.825	1339.825	47.519	19.82859	47.46	47.5308	91.94126	0	8.058739	8.058739	0	31.49698	-9999
1697.33	1700.83	1339.83	55.47236	57.88445	54.13894	52.4515	85.29145	0	14.70855	11.21349	3.495054	32.22032	5
1697.335	1700.835	1339.835	65.56157	56.49199	64.98336	61.37248	70.49344	0	29.50656	15.33164	14.17493	31.24292	5
1697.34	1700.84	1339.84	66.36399	56.0464	65.51437	62.68231	71.96644	0	28.03356	4.916873	23.11669	31.16076	5
1697.345	1700.845	1339.845	64.54675	56.8958	63.96854	62.70591	71.32935	0	28.67065	18.2624	10.40825	30.78826	5
1697.35	1700.85	1339.85	63.52013	64.77711	64.23994	64.58215	60.30686	0.100205	39.59294	16.39254	23.20039	30.43762	5
1697.355	1700.855	1339.855	64.64115	52.59311	64.79455	63.59093	66.61373	0	33.38627	14.50342	18.88285	30.62657	5
1697.36	1700.86	1339.86	65.33737	50.74114	65.58517	67.33161	65.68978	0	34.31022	18.31225	15.99797	30.13064	5
1697.365	1700.865	1339.865	67.0602	57.09075	67.1546	68.33463	63.75704	0	36.24296	16.62902	19.61394	30.55734	5
1697.37	1700.87	1339.87	66.30499	62.59095	66.55279	64.65295	61.93191	0	38.06809	15.73279	22.3353	31.20974	5
1697.375	1700.875	1339.875	64.64115	48.9031	64.65295	64.27534	68.60414	0	31.39586	23.67573	7.720136	30.41654	5
1697.38	1700.88	1339.88	64.52315	59.43008	64.46415	61.08928	66.71388	0	33.28612	9.762978	23.52314	31.13921	5
1697.385	1700.885	1339.885	64.29894	55.53119	64.23994	63.44933	67.86368	0	32.13632	7.896881	24.23944	30.57681	5
1697.39	1700.89	1339.89	63.98034	62.04789	64.40515	63.62633	62.83023	0	37.16977	12.00779	25.16198	30.7036	5
1697.395	1700.895	1339.895	64.99516	73.00653	64.74735	63.80333	64.45736	0	35.54264	13.31127	22.23136	30.99156	5
1697.4	1700.9	1339.9	63.96854	70.84822	64.55855	63.86234	59.43108	0.443735	40.12518	13.13934	26.98584	30.36188	5
1697.405	1700.905	1339.905	64.22814	59.68072	64.34615	63.22512	65.55286	0	34.44714	20.55229	13.89486	30.70464	5
1697.41	1700.91	1339.91	63.11892	66.96327	63.47293	63.44933	62.98193	0	37.01807	15.05383	21.96424	30.56113	5
1697.415	1700.915	1339.915	61.23088	67.04682	61.9271	62.2693	62.0466	0	37.9534	9.667846	28.28556	30.28872	5
1697.42	1700.92	1339.92	62.71771	40.20024	62.50531	61.45509	74.21738	0	25.78262	15.49349	10.28913	30.43371	5
1697.425	1700.925	1339.925	64.16914	64.88851	64.72375	65.18396	60.96313	0.036996	38.99987	22.84758	16.15229	30.55966	5
1697.43	1700.93	1339.93	67.82722	150.636	65.88018	66.02178	56.2346	3.262409	40.50299	13.68545	26.81753	28.00449	5
1697.435	1700.935	1339.935	64.19274	85.59435	63.49653	62.50531	65.62451	0.02163	34.35386	22.89831	11.45556	31.15316	5
1697.44	1700.94	1339.94	60.88867	83.46389	61.64389	60.32226	57.93124	0.93739	41.13137	17.83113	23.30024	29.7388	5
1697.445	1700.945	1339.945	62.70591	75.24839	63.33132	63.88594	59.2535	0.555256	40.19124	26.238	13.95324	29.91373	5
1697.45	1700.95	1339.95	64.79455	62.06182	64.53495	62.3283	67.38199	0	32.61801	10.05468	22.56333	30.99368	5
1697.455	1700.955	1339.955	64.01574	48.81955	63.98034	63.37853	69.56554	0	30.43446	9.537471	20.89698	30.41844	5
1697.46	1700.96	1339.96	64.14554	45.47765	63.88594	63.30772	71.99245	0	28.00755	9.12985	18.8777	30.43919	5
1697.465	1700.965	1339.965	64.65295	50.90824	64.25174	62.55251	71.30885	0	28.69115	4.729057	23.96209	30.75885	5
1697.47	1700.97	1339.97	62.57611	36.99759	62.3165	60.88867	75.4885	0	24.5115	19.93636	4.575132	30.51401	5
1697.475	1700.975	1339.975	58.55223	27.64028	58.10382	56.65239	82.91818	0	17.08182	15.16757	1.914249	30.88854	5
1697.48	1700.98	1339.98	54.13894	30.2581	53.65513	53.19492	86.61925	0	13.38075	13.38075	0	31.1968	5
1697.485	1700.985	1339.985	51.23608	30.63406	50.75227	49.35984	89.19889	0	10.80111	10.80111	0	31.7787	4
1697.49	1700.99	1339.99	50.37466	43.44467	49.40704	48.73442	90.64076	0	9.359241	9.359241	0	32.48011	4
1697.495	1700.995	1339.995	53.64333	121.659	50.37466	47.03519	86.53884	0	13.46116	10.68311	2.778053	35.23023	4
1697.5	1701	1340	57.3486	144.5788	53.66693	50.82307	80.78419	1.190032	18.02577	6.536897	11.48888	33.06354	4
1697.505	1701.005	1340.005	56.14498	81.76509	53.45452	51.42488	89.4105	0	10.5895	10.5895	0	34.0503	4
1697.51	1701.01	1340.01	56.43998	59.02626	55.11836	52.08569	84.03347	0	15.96653	12.14484	3.821685	32.29509	4
1697.515	1701.015	1340.015	56.85299	111.2991	54.46934	50.35106	79.23414	0	20.76586	3.839889	16.92597	33.51029	4
1697.52	1701.02	1340.02	62.2221	105.4647	60.21606	56.34558	72.78003	0	27.21997	15.36012	11.85985	32.4417	4
1697.525	1701.025	1340.025	62.2575	73.60529	60.71167	57.2424	76.89081	0	23.10919	5.75397	17.35522	31.89555	4
1697.53	1701.03	1340.03	64.29894	89.98059	63.98034	63.44933	61.53887	0.750449	37.71068	9.502672	28.20801	30.20969	4
1697.535	1701.035	1340.035	64.58215	117.4955	63.98034	63.89774	56.81455	2.325027	40.86043	16.69743	24.163	28.71498	4
1697.54	1701.04	1340.04	70.88348	103.4735	71.24929	72.21691	46.9116	3.7935	49.2949	29.81505	19.47985	28.18239	4
1697.545	1701.045	1340.045	71.08408	175.9787	70.11646	65.83298	39.51484	6.627942	53.85722	19.19411	34.6631	27.08195	4
1697.55	1701.05	1340.05	73.26713	218.9082	73.53853	71.33189	17.51506	12.02238	70.46256	41.59436	28.86819	26.83601	4
1697.555	1701.055	1340.055	67.46141	125.2376	66.38759	60.16886	55.95012	2.612298	41.43758	29.03909	12.39849	29.74173	4
1697.56	1701.06	1340.06	62.3519	99.24043	60.53467	57.62001	72.70365	0	27.29635	20.60579	6.690557	32.09274	4
1697.565	1701.065	1340.065	60.80607	57.39709	60.25146	58.39882	74.46656	0	25.53344	13.13183	12.40162	30.89619	4
1697.57	1701.07	1340.07	60.22786	88.56028	58.48143	57.98581	76.69366	0	23.30634	20.10004	3.2063	31.73358	3
1697.575	1701.075	1340.075	72.78332	134.5671	73.42053	71.52069	35.53571	6.857714	57.60657	39.18224	18.42433	27.61525	3
1697.58	1701.08	1340.08	78.14063	189.04	82.12911	87.02621	0	20.9095	79.0905	79.0905	0	-9999	3
1697.585	1701.085	1340.085	76.4768	175.2964	79.36785	85.22077	4.813899	15.95359	79.23251	75.74355	3.488959	-9999	3
1697.59	1701.09	1340.09	79.26165	132.9936	81.3857	85.22077	18.43349	12.80898	68.75753	36.65136	32.10617	27.52736	3

1697.595	1701.095	1340.095	81.7987	184.431	82.61292	85.84619	13.80272	14.01544	72.18184	51.6025	20.57935	27.31221	3
1697.6	1701.1	1340.1	85.26798	156.7211	85.26798	87.51002	23.62697	11.2469	65.12613	31.7134	33.41273	27.24839	3
1697.605	1701.105	1340.105	86.86101	131.6847	87.07341	86.4716	26.57405	11.02976	62.3962	32.46051	29.93569	28.08296	3
1697.61	1701.11	1340.11	85.45678	119.6121	86.17659	87.21502	26.85508	11.23718	61.90774	44.90686	17.00088	27.89224	3
1697.615	1701.115	1340.115	83.81655	76.98896	84.76057	84.66616	36.9413	8.190017	54.86868	33.05018	21.8185	28.8094	3
1697.62	1701.12	1340.12	83.09673	97.13782	84.76057	85.91699	27.14894	11.40943	61.44163	39.99887	21.44275	28.14357	3
1697.625	1701.125	1340.125	79.95787	134.0519	81.90491	85.14997	18.90865	12.80947	68.28188	49.74398	18.5379	27.58386	3
1697.63	1701.13	1340.13	76.35879	173.8901	77.39721	71.6859	19.62075	11.51633	68.86292	50.41889	18.44403	28.34618	3
1697.635	1701.135	1340.135	84.09975	175.8117	86.10579	89.15026	4.534989	18.53479	76.93022	76.82279	0.107426	-9999	3
1697.64	1701.14	1340.14	86.20019	174.2939	87.93483	89.77567	5.073277	19.03828	75.88844	70.95431	4.934133	-9999	3
1697.645	1701.145	1340.145	87.95843	181.1308	90.56628	94.61377	0	24.53499	75.46501	75.46501	0	-9999	3
1697.65	1701.15	1340.15	81.6099	213.589	81.7043	81.98751	12.49873	13.89359	73.60767	56.05044	17.55723	27.52518	3
1697.655	1701.155	1340.155	76.6538	149.2436	78.08163	77.79842	22.29588	10.84632	66.85779	43.80647	23.05132	27.61443	3
1697.66	1701.16	1340.16	76.642	85.5665	78.54184	79.94607	34.05852	7.629781	58.3117	32.90441	25.40729	28.14758	3
1697.665	1701.165	1340.165	87.08521	98.71129	88.97325	92.30092	21.36117	15.22731	63.41152	47.66984	15.74168	27.89934	3
1697.67	1701.17	1340.17	89.98807	102.638	91.3687	91.62831	21.6727	15.80605	62.52125	46.29709	16.22415	28.37953	3
1697.675	1701.175	1340.175	82.60112	79.11942	82.44772	81.96391	46.04894	4.490535	49.46052	31.19011	18.27041	29.47799	3
1697.68	1701.18	1340.18	83.27373	143.2421	82.58932	80.54788	34.02779	7.528397	58.44381	39.711	18.73282	28.02038	3
1697.685	1701.185	1340.185	86.3418	115.7967	86.04679	87.55722	34.82903	7.954933	57.21604	29.18572	28.03032	27.96521	3
1697.69	1701.19	1340.19	89.90547	147.5448	89.69307	89.59866	23.22727	12.02073	64.752	37.057	27.69501	27.99342	3
1697.695	1701.195	1340.195	92.70213	82.60056	92.34812	90.70789	37.46826	8.48674	54.045	35.02684	19.01816	29.32221	3
1697.7	1701.2	1340.2	89.65767	90.92746	91.2861	91.2861	22.89014	15.8242	61.28566	32.93282	28.35284	28.49432	3
1697.705	1701.205	1340.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1698.005	1701.505	1340.505	68.68863	43.26365	67.83902	66.50559	72.92119	0	27.07881	20.26472	6.814088	30.796	3
1698.01	1701.51	1340.51	69.31405	69.94313	69.32585	66.8478	59.21339	0.642367	40.14425	17.63871	22.50553	30.99861	3
1698.015	1701.515	1340.515	70.81268	64.74926	70.83628	69.84506	59.00011	0.615588	40.3843	13.01125	27.37305	30.90221	3
1698.02	1701.52	1340.52	72.88952	123.6781	73.95154	70.16367	34.78088	6.931916	58.2872	35.23962	23.04758	28.19864	3
1698.025	1701.525	1340.525	84.26496	145.8738	86.448	90.68429	10.25618	17.24528	72.49854	52.8797	19.61884	28.16559	3
1698.03	1701.53	1340.53	92.44252	88.75522	93.69335	95.56959	23.78022	16.42554	59.79424	33.74262	26.05162	28.09627	3
1698.035	1701.535	1340.535	92.63133	131.2669	93.43374	94.24796	16.79385	17.24533	65.96082	51.459	14.50182	28.26648	3
1698.04	1701.54	1340.54	89.88187	108.5142	91.0737	93.16234	21.8116	15.28629	62.90211	47.02653	15.87558	27.98679	3
1698.045	1701.545	1340.545	87.54542	92.68195	88.07643	90.56628	32.91384	9.936342	57.14981	27.90065	29.24916	28.04958	3
1698.05	1701.55	1340.55	89.77567	101.0924	90.01167	90.15328	31.11299	10.65329	58.23372	25.47622	32.7575	28.39498	3
1698.055	1701.555	1340.555	87.94663	158.2249	89.48066	91.4513	8.909926	18.53562	72.55445	62.96036	9.594095	28.58026	3
1698.06	1701.56	1340.56	87.41562	155.3008	87.56902	85.07917	20.80597	12.6928	66.50123	40.28725	26.21398	28.35465	3
1698.065	1701.565	1340.565	85.73999	166.2037	86.2828	88.46584	16.69113	13.93132	69.37755	45.45644	23.9211	27.59032	3
1698.07	1701.57	1340.57	75.09617	108.18	74.62416	70.71828	48.39004	3.599894	48.01007	24.51054	23.49952	29.35513	3
1698.075	1701.575	1340.575	77.09041	159.4085	78.22323	78.76604	21.72059	11.0446	67.23482	42.7002	24.53461	27.31899	3
1698.08	1701.58	1340.58	79.27345	157.4034	79.55666	78.40023	26.78196	9.737346	63.48069	36.86167	26.61902	27.46553	3
1698.085	1701.585	1340.585	76.27619	148.3245	76.524	70.87168	32.01087	8.060004	59.92912	25.15175	34.77737	28.19602	2
1698.09	1701.59	1340.59	68.33463	130.6821	66.09258	62.2457	62.88293	1.572079	35.54499	26.02516	9.519836	30.3348	2
1698.095	1701.595	1340.595	65.75037	64.02518	64.72375	63.70893	71.97187	0	28.02813	21.44645	6.581676	30.93655	2
1698.1	1701.6	1340.6	69.65625	192.1869	68.26383	67.27261	40.19833	6.934204	52.86747	35.92871	16.93876	25.99832	2
1698.105	1701.605	1340.605	64.42875	85.31586	64.51135	64.71195	59.43895	0.911868	39.64918	26.21693	13.43225	29.85317	2
1698.11	1701.61	1340.61	72.0045	68.85701	71.7331	70.41147	59.19585	0.660893	40.14325	10.04401	30.09925	30.97382	2
1698.115	1701.615	1340.615	82.80173	89.72994	83.19113	82.07011	39.08985	6.853	54.05715	29.43924	24.61791	28.87942	2
1698.12	1701.62	1340.62	75.62718	89.88311	75.17877	72.58271	52.14645	2.526937	45.32661	18.7695	26.55711	29.95139	2
1698.125	1701.625	1340.625	68.60603	137.171	67.27261	62.1985	54.02114	3.198412	42.78045	19.90912	22.87133	29.06772	2
1698.13	1701.63	1340.63	64.75915	144.1332	61.41969	55.18916	71.42221	1.240559	27.33723	13.2902	14.04703	31.89697	2
1698.135	1701.635	1340.635	66.02178	58.4832	66.26959	68.86564	63.18654	0	36.81346	11.87847	24.93499	30.22754	2
1698.14	1701.64	1340.64	69.16064	103.2507	68.42903	66.8832	57.05555	1.796382	41.14807	29.36434	11.78373	29.68778	2
1698.145	1701.645	1340.645	74.97816	79.8435	74.54156	73.75094	55.08168	1.729364	43.18895	15.14941	28.03955	30.18343	2
1698.15	1701.65	1340.65	64.61755	83.33857	63.42573	60.97128	69.62056	0	30.37944	21.82756	8.55188	31.47566	2
1698.155	1701.655	1340.655	70.80088	135.0544	70.02206	65.25476	48.21584	4.112839	47.67132	23.48967	24.18164	28.60881	2
1698.16	1701.66	1340.66	75.00176	94.70102	74.37635	74.14035	52.92768	2.378501	44.69382	31.55129	13.14253	29.4716	2
1698.165	1701.665	1340.665	68.54703	107.3585	67.1782	66.61179	61.5644	1.133585	37.30201	18.78453	18.51748	30.08555	2
1698.17	1701.67	1340.67	70.73008	143.6877	69.30225	68.40543	51.22159	3.71669	45.06172	14.91852	30.1432	27.97855	2
1698.175	1701.675	1340.675	70.23447	57.48063	70.39967	72.29951	60.19365	0.222792	39.58356	10.1916	29.39196	30.70023	2
1698.18	1701.68	1340.68	73.05472	94.82634	72.99572	73.34973	50.29894	3.003221	46.69784	18.06991	28.62793	28.92886	2
1698.185	1701.685	1340.685	76.8426	114.6549	74.71856	74.06955	58.01965	1.114865	40.86548	29.14193	11.72356	30.00438	2
1698.19	1701.69	1340.69	68.24023	102.8747	67.34341	67.52041	59.27365	1.423068	39.30328	11.53983	27.76345	29.65197	2
1698.195	1701.695	1340.695	64.31074	81.4866	63.35493	61.9153	68.52196	0	31.47804	13.63848	17.83955	31.21403	2
1698.2	1701.7	1340.7	63.49653	73.61921	63.44933	61.62029	64.13315	0	35.86685	12.15424	23.71261	31.04581	2
1698.205	1701.705	1340.705	67.53221	105.8824	67.1782	69.27865	54.99037	2.246731	42.7629	26.05515	16.70775	28.55444	2
1698.21	1701.71	1340.71	72.59452	150.4689	73.71554	71.8629	28.11164	8.751733	63.13663	35.30138	27.83525	27.37942	2
1698.215	1701.715	1340.715	67.48501	246.7852	66.836	53.10051	23.22163	11.36472	65.41365	39.70977	25.70388	27.35927	2
1698.22	1701.72	1340.72	59.10684	58.02369	58.24542	57.54921	78.25596	0	21.74404	21.74404	0	31.01635	2
1698.225	1701.725	1340.725	67.89802	58.39966	68.16942	68.07502	61.29771	0	38.70229	25.16184	13.54044	31.03225	2
1698.23	1701.73	1340.73	65.14856	59.01234	64.51135	64.79455	70.72074	0	29.27926	20.28248	8.996785	30.54572	2
1698.235	1701.735	1340.735	67.31981	61.49091	66.03358	64.42875	73.15323	0	26.84677	11.93783	14.90894	31.0593	2
1698.24	1701.74	1340.74	60.29866	40.35341	59.47265	58.83543	81.16134	0	18.83866	5.768777	13.06989	30.93492	2
1698.245	1701.745	1340.745	64.05114	25.39842	64.26354	60.99488	73.2804	0	26.7196	13.53367	13.18593	30.59303	2
1698.25	1701.75	1340.75	64.54675	68.41142	63.89774	61.54949	69.09128	0	30.90872	23.55043	7.358292	31.13997	2

1698.255	1701.755	1340.755	58.43422	49.78035	58.96524	59.35464	70.07834	0	29.92166	10.81728	19.10439	29.72355	2
1698.26	1701.76	1340.76	55.66117	55.92108	54.61095	53.14772	83.39804	0	16.60196	15.19292	1.409041	31.74239	2
1698.265	1701.765	1340.765	60.86507	59.10981	61.32528	60.09806	66.13293	0	33.86707	10.58928	23.27779	30.36239	2
1698.27	1701.77	1340.77	65.59697	62.5631	65.30197	64.86536	66.79681	0	33.20319	9.039373	24.16381	30.72569	2
1698.275	1701.775	1340.775	66.7652	79.1055	67.0602	68.47623	57.14619	1.16064	41.69317	20.21147	21.48169	29.5835	2
1698.28	1701.78	1340.78	67.1546	60.65544	67.48501	66.32859	60.9785	0.037796	38.98371	10.67437	28.30934	31.13854	2
1698.285	1701.785	1340.785	65.82118	54.58432	66.13978	64.55855	63.76591	0	36.23409	12.20795	24.02614	30.89772	2
1698.29	1701.79	1340.79	62.71771	35.9811	62.64691	61.62029	74.14099	0	25.85901	11.67866	14.18035	30.32247	2
1698.295	1701.795	1340.795	62.69411	56.97935	62.55251	61.34888	69.62984	0	30.37016	6.001733	24.36843	30.58576	2
1698.3	1701.8	1340.8	60.92408	30.35557	60.68807	60.36946	78.43284	0	21.56716	18.38304	3.18412	30.30027	2
1698.305	1701.805	1340.805	59.85025	49.02842	59.93285	58.68203	72.43273	0	27.56727	21.0161	6.551169	30.31525	2
1698.31	1701.81	1340.81	59.77945	46.42452	59.16584	58.63483	78.52367	0	21.47633	7.673582	13.80275	30.71313	2
1698.315	1701.815	1340.815	59.47265	40.77115	58.96524	58.96524	79.35098	0	20.64902	18.51455	2.134475	30.53983	2
1698.32	1701.82	1340.82	59.43724	52.77413	60.27506	60.44027	66.05331	0	33.94669	25.12782	8.818868	29.7706	2
1698.325	1701.825	1340.825	62.2457	67.57595	62.1749	60.07446	66.92929	0	33.07071	5.240703	27.83001	30.87663	2
1698.33	1701.83	1340.83	61.59669	87.55771	59.41364	55.88537	79.06068	0	20.93932	5.537924	15.4014	32.52849	2
1698.335	1701.835	1340.835	56.36918	37.84699	56.27478	55.50776	79.713	0	20.287	11.47834	8.808661	30.41952	2
1698.34	1701.84	1340.84	60.66447	18.78425	60.52287	59.90925	80.74032	0	19.25968	9.175232	10.08445	30.31129	2
1698.345	1701.845	1340.845	65.03056	62.02005	64.09834	62.2693	72.38773	0	27.61227	22.42451	5.187756	31.04458	2
1698.35	1701.85	1340.85	60.79427	48.34612	60.77067	61.04208	72.55241	0	27.44759	23.11209	4.335499	30.10712	2
1698.355	1701.855	1340.855	60.54647	22.61351	60.20426	60.15706	81.47689	0	18.52311	15.3569	3.166212	30.39689	2
1698.36	1701.86	1340.86	60.21606	46.63339	60.53467	59.88565	70.84674	0	29.15326	21.44196	7.711295	30.06593	2
1698.365	1701.865	1340.865	55.86177	42.67881	55.11836	54.68175	84.04037	0	15.95963	15.95963	0	31.21731	2
1698.37	1701.87	1340.87	59.09504	68.25825	60.23966	57.50201	60.24324	0	39.75676	18.21695	21.53982	30.61341	2
1698.375	1701.875	1340.875	57.443	78.96625	58.12742	50.04425	62.73839	0.051432	37.21017	9.533848	27.67632	31.63894	2
1698.38	1701.88	1340.88	58.03302	69.41399	56.73499	52.03849	79.87115	0	20.12885	8.31143	11.81742	32.29291	1
1698.385	1701.885	1340.885	57.72621	43.70923	57.59641	57.3132	77.32022	0	22.67978	22.27043	0.409349	30.29588	1
1698.39	1701.89	1340.89	62.41091	44.67003	62.2811	59.35464	72.77779	0	27.22221	20.25529	6.96692	30.75588	1
1698.395	1701.895	1340.895	63.31952	62.40993	63.61453	62.1513	64.35654	0	35.64346	18.63302	17.01045	30.73004	1
1698.4	1701.9	1340.9	63.44933	83.33857	63.52013	61.9389	60.90997	0.614736	38.47529	25.86324	12.61205	30.4036	1
1698.405	1701.905	1340.905	65.83298	102.7355	66.37579	62.43451	50.36489	2.893947	46.74117	27.74726	18.99391	29.11419	1
1698.41	1701.91	1340.91	64.08654	74.71926	64.84176	65.23116	57.1054	0.919921	41.97468	13.6585	28.31618	29.71508	1
1698.415	1701.915	1340.915	62.3047	74.73318	62.80031	61.76189	60.75326	0.313343	38.93339	25.54803	13.38537	30.42602	1
1698.42	1701.92	1340.92	60.15706	43.58391	60.07446	58.83543	74.74836	0	25.25164	21.24331	4.008326	30.38476	1
1698.425	1701.925	1340.925	62.72951	41.21673	62.58791	62.2221	73.41182	0	26.58818	11.51429	15.07389	30.26922	1
1698.43	1701.93	1340.93	61.04208	42.14968	61.01848	61.62029	73.82397	0	26.17603	20.49037	5.685656	30.00305	1
1698.435	1701.935	1340.935	58.54043	41.55092	58.91803	59.64965	73.16102	0	26.83898	17.61226	9.226712	29.67168	1
1698.44	1701.94	1340.94	59.34284	41.57877	59.47265	59.37824	74.33655	0	25.66345	6.770487	18.89296	30.00952	1
1698.445	1701.945	1340.945	61.52589	65.8493	62.3401	63.01272	61.15047	0	38.84953	13.7817	25.06783	30.24171	1
1698.45	1701.95	1340.95	59.09504	51.35382	59.20124	59.16584	72.38187	0	27.61813	9.164956	18.45317	30.08219	1
1698.455	1701.955	1340.955	63.55553	55.83754	64.02754	64.60575	64.35815	0	35.64185	16.92783	18.71402	30.24897	1
1698.46	1701.96	1340.96	62.0805	62.15929	62.41091	59.64965	65.28274	0	34.71726	10.38225	24.33501	30.83382	1
1698.465	1701.965	1340.965	64.22814	67.26961	64.35795	65.17216	63.62489	0	36.37511	7.32994	29.04517	30.50445	1
1698.47	1701.97	1340.97	63.22512	51.25635	62.75311	61.66749	73.08693	0	26.91307	4.95763	21.95544	30.63833	1
1698.475	1701.975	1340.975	63.62633	54.02734	63.52013	62.3165	69.21223	0	30.78777	20.37937	10.40841	30.58271	1
1698.48	1701.98	1340.98	65.85658	61.56053	66.19878	68.38183	61.8622	0	38.1378	25.74191	12.39589	30.38657	1
1698.485	1701.985	1340.985	68.25203	79.99667	67.85082	66.74159	60.95831	0.54852	38.49317	25.00107	13.49211	30.7237	1
1698.49	1701.99	1340.99	68.26383	82.47524	68.49983	66.69439	55.40923	1.602089	42.98868	18.47793	24.51075	29.94268	1
1698.495	1701.995	1340.995	67.2254	80.6929	66.63539	64.94796	63.19754	0.194271	36.60819	17.50634	19.10185	31.14352	1
1698.5	1702	1341	64.86536	52.20322	65.41997	64.84176	63.39245	0	36.60755	17.47319	19.13436	30.57494	1
1698.505	1702.005	1341.005	64.25174	51.32597	65.14856	65.84478	61.51717	0	38.48283	22.36749	16.11534	30.31137	1
1698.51	1702.01	1341.01	68.88924	55.57297	69.16064	69.97486	61.06985	0	38.93015	20.13763	18.79252	30.967	1
1698.515	1702.015	1341.015	68.45263	59.70857	67.92162	65.56157	66.68944	0	33.31056	20.76052	12.55004	31.21505	1
1698.52	1702.02	1341.02	71.46169	72.79766	71.7095	73.75094	54.71772	1.667997	43.61428	27.47211	16.14217	29.5523	1
1698.525	1702.025	1341.025	76.9016	69.49754	77.29101	77.65682	49.41421	3.240115	47.34568	16.59779	30.74788	29.568	1
1698.53	1702.03	1341.03	76.15819	106.704	77.58602	83.33274	33.04642	7.760189	59.19339	34.36465	24.82874	26.91014	1
1698.535	1702.035	1341.035	77.47982	68.81524	78.56544	80.90189	43.65171	4.982205	51.36609	19.28056	32.08552	28.70895	1
1698.54	1702.04	1341.04	76.7718	60.4048	77.37361	78.83684	50.08794	3.048309	46.86375	18.6287	28.23506	29.61606	1
1698.545	1702.045	1341.045	75.60358	83.28287	76.15819	77.70402	45.99202	4.099329	49.90865	22.42005	27.4886	28.67554	1
1698.55	1702.05	1341.05	74.88376	56.8958	74.94276	74.89556	56.8809	1.112632	42.00647	20.72672	21.27975	30.79512	1
1698.555	1702.055	1341.055	72.14611	65.87715	72.12251	74.78936	57.86622	0.904517	41.22927	24.89056	16.3387	30.09428	1
1698.56	1702.06	1341.06	73.82174	104.4064	74.23475	76.7128	43.61682	4.70608	51.6771	20.02064	31.65645	27.79388	1
1698.565	1702.065	1341.065	74.45895	94.39468	75.45017	78.17603	40.97229	5.351148	53.67656	31.07178	22.60478	27.84198	1
1698.57	1702.07	1341.07	74.97816	90.3844	75.27317	75.55638	46.86077	3.862261	49.27697	22.62626	26.65071	28.80495	1
1698.575	1702.075	1341.075	73.05472	65.77968	72.42931	73.75094	61.71792	0.056539	38.22554	20.74055	17.485	31.06138	2
1698.58	1702.08	1341.08	73.84534	73.34072	73.58574	76.4768	56.32577	1.371896	42.30233	30.12207	12.18027	29.75265	2
1698.585	1702.085	1341.085	73.60934	156.9717	74.30555	69.46745	28.8966	8.72457	62.37883	25.95428	36.42455	27.80186	2
1698.59	1702.09	1341.09	66.9658	155.6906	64.81816	59.26024	57.35857	3.320951	39.32048	15.00467	24.3158	29.00555	2
1698.595	1702.095	1341.095	66.9776	93.782	65.56157	65.04236	66.65959	0.017233	33.32318	20.29173	13.03145	31.26388	2
1698.6	1702.1	1341.1	65.59697	54.26406	65.01876	65.73857	71.00003	0	28.99997	21.32928	7.670698	30.40747	2
1698.605	1702.105	1341.105	69.25505	117.969	67.66201	66.8124	60.08287	1.61289	38.30424	12.55723	25.74701	29.67756	2
1698.61	1702.11	1341.11	64.14554	84.18796	61.83269	60.38126	78.53718	0	21.46282	4.262922	17.1999	31.90718	2
1698.615	1702.115	1341.115	71.7213	76.45983	71.09588	73.75094	60.36008	0.544199	39.09572	19.4203	19.67542	30.2404	2

1698.62	1702.12	1341.12	76.13459	83.90947	75.81598	76.18179	52.11929	2.501345	45.37937	32.97881	12.40056	29.55259	2
1698.625	1702.125	1341.125	69.31405	56.17173	68.90104	67.63841	65.83833	0	34.16167	15.69105	18.47061	31.06331	2
1698.63	1702.13	1341.13	75.22597	56.06033	75.11977	75.07257	58.04858	0.821512	41.12991	12.88458	28.24534	31.01919	2
1698.635	1702.135	1341.135	78.28223	165.048	76.7128	73.17273	40.20184	5.782097	54.01606	36.0025	18.01357	27.73707	2
1698.64	1702.14	1341.14	77.64502	135.3051	75.17877	73.65654	54.9362	1.885377	43.17842	28.55995	14.61848	29.32179	2
1698.645	1702.145	1341.145	78.34123	110.9928	77.64502	78.44744	46.46148	4.044572	49.49395	35.11036	14.38359	28.44786	2
1698.65	1702.15	1341.15	84.92577	300.367	80.78388	81.7161	21.2791	8.80216	69.91874	38.60798	31.31076	25.28734	2
1698.655	1702.155	1341.155	87.35662	201.6696	88.15904	81.6925	4.609144	18.19913	77.19173	67.05112	10.1406	-9999	2
1698.66	1702.16	1341.16	74.09315	130.3897	71.24929	70.55307	62.3199	0.814417	36.86568	19.34717	17.51851	30.16461	2
1698.665	1702.165	1341.165	71.53249	40.25594	70.69468	69.34945	70.94125	0	29.05875	6.964127	22.09462	30.86576	2
1698.67	1702.17	1341.17	80.24107	83.11577	79.17905	77.07861	54.29487	1.728575	43.97656	20.66896	23.3076	30.58675	2
1698.675	1702.175	1341.175	89.18566	106.2584	90.29488	89.11485	23.63818	14.24087	62.12094	46.26331	15.85764	28.55711	2
1698.68	1702.18	1341.18	98.07124	64.69356	99.22766	99.61707	25.15633	20.173	54.67066	35.31961	19.35106	28.24141	2
1698.685	1702.185	1341.185	105.7886	78.84093	106.5202	108.4791	17.92497	28.28592	53.78911	33.16799	20.62112	27.32488	2
1698.69	1702.19	1341.19	106.1072	131.3923	107.2754	115.3468	1.530708	36.56318	61.90611	61.90611	0	-9999	2
1698.695	1702.195	1341.195	107.9362	116.3677	109.1517	108.1014	3.118142	39.47475	57.4071	57.4071	0	-9999	2
1698.7	1702.2	1341.2	110.6621	111.4105	109.9187	108.8567	16.991	21.90526	61.10375	45.07178	16.03197	28.4093	2
1698.705	1702.205	1341.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1699.015	1702.515	1341.515	74.43535	57.82875	73.84534	73.26713	62.09751	0	37.90249	17.75624	20.14625	31.52874	2
1699.02	1702.52	1341.52	74.14035	95.03521	74.18755	73.86894	48.42655	3.472548	48.1009	27.67055	20.43035	28.91266	2
1699.025	1702.525	1341.525	72.16971	106.3977	71.48529	71.7095	53.15985	2.544974	44.29518	29.02516	15.27002	28.96035	2
1699.03	1702.53	1341.53	72.26411	91.35912	71.06048	68.84204	60.73621	0.702712	38.56108	20.67191	17.88918	30.8979	2
1699.035	1702.535	1341.535	80.78388	115.4208	82.28251	83.95815	26.13261	10.77396	63.09343	32.95893	30.13449	27.74626	2
1699.04	1702.54	1341.54	80.27647	116.1588	81.7987	85.04377	26.23793	10.61331	63.14876	39.5678	23.58097	27.43039	2
1699.045	1702.545	1341.545	83.54514	153.6437	84.84317	85.18537	15.89698	14.33634	69.76668	54.07059	15.69609	28.12355	2
1699.05	1702.55	1341.55	83.12033	161.9149	83.72214	81.7515	19.68184	12.50452	67.81364	34.97177	32.84187	28.08941	2
1699.055	1702.555	1341.555	81.5273	240.5888	82.73092	87.53362	0	18.78498	81.21502	81.21502	0	-9999	2
1699.06	1702.56	1341.56	78.27043	111.5776	78.06983	79.92247	42.54411	5.181864	52.27403	32.98446	19.28957	27.92782	2
1699.065	1702.565	1341.565	76.9016	354.6867	78.69524	74.30555	0	25.67413	74.32587	74.32587	0	-9999	2
1699.07	1702.57	1341.57	63.98034	229.282	58.56403	52.5105	67.62826	5.1289	27.24284	12.42139	14.82146	28.67597	2
1699.075	1702.575	1341.575	63.69713	109.5725	62.1749	60.14526	66.6794	0.718443	32.60216	12.50012	20.10204	30.88526	2
1699.08	1702.58	1341.58	69.89226	121.102	70.28167	72.88952	43.37452	4.787254	51.83822	31.22996	20.60826	27.16193	2
1699.085	1702.585	1341.585	67.81542	128.482	67.49681	65.46717	48.98637	3.863843	47.14979	18.62084	28.52895	28.11823	2
1699.09	1702.59	1341.59	71.49709	126.1288	71.07228	69.58545	46.99178	4.179243	48.82898	15.44319	33.38579	28.14548	2
1699.095	1702.595	1341.595	70.21087	125.2933	69.65625	67.94522	49.38326	3.699964	46.91677	15.86727	31.0495	28.33207	2
1699.1	1702.6	1341.6	67.62661	212.9067	67.54401	58.77643	26.90025	9.847933	63.25181	41.42923	21.82258	26.99581	2
1699.105	1702.605	1341.605	62.3401	61.26812	62.1631	62.44631	69.192	0	30.808	9.906212	20.90179	30.35769	2
1699.11	1702.61	1341.61	60.14526	98.68344	60.90047	56.32198	54.93205	1.844168	43.22378	12.46458	30.75921	29.48225	2
1699.115	1702.615	1341.615	58.48143	54.29191	58.36342	56.60519	73.97297	0	26.02703	15.99511	10.03192	30.57019	2
1699.12	1702.62	1341.62	62.0569	83.67276	61.9625	63.55553	63.39046	0.267545	36.34199	27.53903	8.802965	30.13992	2
1699.125	1702.625	1341.625	60.88867	161.0655	61.73829	56.18038	38.42003	6.270212	55.30976	24.96639	30.34337	26.98861	2
1699.13	1702.63	1341.63	58.52863	75.31801	57.80881	54.77615	73.50527	0	26.49473	10.33267	16.16206	31.3997	2
1699.135	1702.635	1341.635	60.67627	83.28287	60.03906	56.21578	68.96178	0	31.03822	8.632354	22.40587	31.54943	2
1699.14	1702.64	1341.64	61.14828	59.84781	60.07446	57.69081	77.58253	0	22.41747	12.70643	9.711037	31.37064	2
1699.145	1702.645	1341.645	59.15404	55.50335	58.50503	56.78219	77.17633	0	22.82367	22.24823	0.575443	30.99173	2
1699.15	1702.65	1341.65	62.2457	75.47118	61.60849	60.09806	69.40833	0	30.59167	8.296587	22.29508	31.02667	2
1699.155	1702.655	1341.655	70.75368	94.42253	71.36729	69.12524	47.30087	3.552276	49.14686	28.22071	20.92615	28.99288	2
1699.16	1702.66	1341.66	69.38485	99.58854	70.74188	73.12553	41.54855	4.709564	53.74189	22.81679	30.9251	27.58638	2
1699.165	1702.665	1341.665	73.06652	76.86364	72.35851	70.78908	59.66491	0.665279	39.66981	26.83854	12.83127	30.97773	2
1699.17	1702.67	1341.67	69.60905	66.51768	68.93644	69.99846	65.07515	0	34.92485	14.07554	20.84931	30.76089	2
1699.175	1702.675	1341.675	70.36427	121.6729	69.60905	71.40269	51.67295	3.180035	45.14702	18.0633	27.08371	28.01606	2
1699.18	1702.68	1341.68	72.81872	115.0309	73.38513	74.80116	40.77961	5.421561	53.79883	19.71233	34.0865	27.55006	2
1699.185	1702.685	1341.685	59.31924	89.27043	58.82363	56.69959	67.66383	0	32.33617	11.28657	21.0496	31.25744	2
1699.19	1702.69	1341.69	55.34256	66.22527	55.37796	55.10656	72.78397	0	27.21603	12.39983	14.81619	30.29583	2
1699.195	1702.695	1341.695	60.68807	77.21175	59.83845	58.49323	72.06627	0	27.93373	22.21413	5.719605	31.12262	2
1699.2	1702.7	1341.7	53.32472	62.71627	53.06511	55.02395	77.77586	0	22.22414	8.691299	13.53284	30.25405	2
1699.205	1702.705	1341.705	48.08541	57.57811	47.2948	46.81099	87.9548	0	12.0452	8.461027	3.584178	32.21373	2
1699.21	1702.71	1341.71	51.73169	35.84185	51.03547	49.91445	89.12878	0	10.87122	10.87122	0	31.93602	2
1699.215	1702.715	1341.715	61.33708	100.243	60.51107	57.66721	65.71271	0.588666	33.69863	21.63928	12.05934	30.90879	2
1699.22	1702.72	1341.72	53.98553	68.85701	53.45452	52.66391	77.78525	0	22.21475	12.50581	9.708941	31.03691	2
1699.225	1702.725	1341.725	58.15102	122.8147	58.94163	54.74075	50.65262	3.201881	46.1455	31.45057	14.69493	28.18998	2
1699.23	1702.73	1341.73	56.31018	127.1313	55.23636	52.2037	65.75097	1.81748	32.43155	24.03535	8.396203	29.84928	2
1699.235	1702.735	1341.735	61.34888	164.2125	60.58187	55.33076	49.76398	4.963599	45.27242	15.76051	29.51191	27.4189	2
1699.24	1702.74	1341.74	59.95646	111.87	57.78521	53.56072	74.59466	0.103559	25.30178	19.83696	5.464817	32.7375	2
1699.245	1702.745	1341.745	56.92379	75.38763	56.68779	54.05633	71.21534	0	28.78466	14.30664	14.47801	31.00901	2
1699.25	1702.75	1341.75	56.91199	66.42021	56.87659	56.78219	71.84163	0	28.15837	20.07162	8.086749	30.30695	2
1699.255	1702.755	1341.755	64.11014	74.53824	64.39335	65.27836	60.78557	0.363772	38.85066	26.27396	12.5767	30.18716	2
1699.26	1702.76	1341.76	69.99846	63.27326	70.78908	72.38211	54.16201	1.53643	44.30156	31.99418	12.30738	29.69351	2
1699.265	1702.765	1341.765	68.25203	90.96923	68.74764	68.40543	51.3526	2.541307	46.10609	21.25326	24.85283	28.97054	2
1699.27	1702.77	1341.77	62.94192	86.9868	63.62633	64.03934	55.73842	1.453971	42.80761	16.3525	26.45511	29.13695	2
1699.275	1702.775	1341.775	59.94466	76.87756	61.37248	62.94192	55.18087	0.993609	43.82552	24.62435	19.20118	28.93808	2
1699.28	1702.78	1341.78	56.41638	84.92597	57.2542	57.1126	61.05176	0.440367	38.50787	16.64781	21.86006	29.65613	2
1699.285	1702.785	1341.785	64.05114	117.5791	64.16914	63.40213	51.70429	3.07083	45.22488	16.88021	28.34467	28.17115	2

1699.29	1702.79	1341.79	59.22484	188.7058	57.96221	55.00035	49.63169	6.00974	44.35857	13.52004	30.83853	26.17069	2
1699.295	1702.795	1341.795	55.76737	119.5146	54.44574	52.5577	70.0141	1.096115	28.88979	8.332095	20.55769	30.68117	2
1699.3	1702.8	1341.8	47.3184	56.3249	46.68118	47.01159	87.77485	0	12.22515	12.22515	0	31.91381	2
1699.305	1702.805	1341.805	52.2627	145.2751	52.82911	47.99101	52.37206	3.830092	43.79784	29.45521	14.34263	27.46138	2
1699.31	1702.81	1341.81	57.90321	100.0898	57.0654	52.00309	69.00039	0.281444	30.71817	15.86882	14.84935	31.74299	2
1699.315	1702.815	1341.815	57.76161	156.2059	56.73499	51.49568	57.01382	3.909969	39.07622	25.14829	13.92793	28.15611	2
1699.32	1702.82	1341.82	61.73829	126.0313	62.0805	59.76765	50.04909	3.527155	46.42375	31.31106	15.11269	27.93014	2
1699.325	1702.825	1341.825	65.13676	173.1938	64.70015	62.1513	41.54499	6.34384	52.11117	26.48389	25.62727	26.46121	2
1699.33	1702.83	1341.83	61.39609	159.4781	59.68505	54.22154	58.18242	3.771212	38.04637	15.72124	22.32513	28.54902	2
1699.335	1702.835	1341.835	58.77643	109.6142	58.87083	58.45782	58.66742	1.786036	39.54654	24.6913	14.85524	28.82958	2
1699.34	1702.84	1341.84	59.54345	68.35573	59.08324	56.02697	72.24457	0	27.75543	5.350416	22.40502	31.14131	2
1699.345	1702.845	1341.845	55.16556	87.44631	54.62275	52.3925	72.29247	0	27.70753	6.016757	21.69078	31.32918	2
1699.35	1702.85	1341.85	54.23334	65.69613	53.86753	53.45452	77.04187	0	22.95813	20.1956	2.762528	30.75601	2
1699.355	1702.855	1341.855	59.47265	78.61814	58.50503	55.67297	73.75863	0	26.24137	12.36991	13.87146	31.52876	2
1699.36	1702.86	1341.86	58.45782	131.4062	58.09202	55.36616	57.25351	2.829122	39.91737	18.28305	21.63431	28.44879	2
1699.365	1702.865	1341.865	54.48114	165.5353	52.2745	48.52202	66.9193	3.57149	29.50921	13.8926	15.61661	28.99204	2
1699.37	1702.87	1341.87	51.35408	85.4551	50.75227	48.94683	76.73816	0	23.26184	11.00253	12.25931	31.52969	2
1699.375	1702.875	1341.875	56.01517	46.70302	56.25118	55.95617	75.33487	0	24.66513	16.67091	7.994218	29.99227	2
1699.38	1702.88	1341.88	62.97732	55.29448	62.91832	62.62331	69.13686	0	30.86314	9.491251	21.37189	30.37787	2
1699.385	1702.885	1341.885	71.7685	105.2976	72.14611	67.27261	45.5645	4.154173	50.28133	16.561	33.72033	29.14826	2
1699.39	1702.89	1341.89	78.02263	108.6395	78.22323	74.96636	40.37374	5.824779	53.80148	28.74685	25.05463	28.78595	2
1699.395	1702.895	1341.895	84.68976	253.4551	84.76057	81.99931	0.20058	17.75415	82.04527	82.04527	0	-9999	2
1699.4	1702.9	1341.9	80.17027	352.9461	80.59508	71.9573	0	23.62697	76.37303	76.37303	0	-9999	2
1699.405	1702.905	1341.905	74.74216	165.8277	73.91614	75.27317	37.50853	6.755411	55.73606	32.56149	23.17456	26.45976	2
1699.41	1702.91	1341.91	81.7397	154.521	81.04349	78.75424	32.80106	7.825925	59.37302	37.66192	21.7111	27.74991	2
1699.415	1702.915	1341.915	77.35001	156.4008	75.53278	72.0871	45.07258	4.578331	50.34908	27.50954	22.83955	28.11458	2
1699.42	1702.92	1341.92	78.67164	109.2243	79.16725	79.81626	37.34882	6.782314	55.86887	27.91981	27.94905	27.95739	2
1699.425	1702.925	1341.925	77.59782	107.6091	77.84562	80.48888	40.64812	5.724879	53.627	32.39237	21.23464	27.70943	2
1699.43	1702.93	1341.93	74.09315	75.15092	73.96334	74.78936	54.65375	1.78897	43.55728	20.00504	23.55224	29.86018	2
1699.435	1702.935	1341.935	77.83382	72.32423	78.28223	79.00205	47.41525	3.87889	48.70586	32.42307	16.28279	29.27299	2
1699.44	1702.94	1341.94	78.27043	93.39211	78.64804	77.85742	42.46385	5.28927	52.24688	30.5443	21.70258	28.7574	2
1699.445	1702.945	1341.945	79.17905	191.9224	79.89887	82.21171	15.13149	13.11074	71.75777	41.47939	30.27838	27.08751	2
1699.45	1702.95	1341.95	75.95758	149.341	74.15215	70.70648	47.97063	3.987928	48.04144	32.26861	15.77284	28.39697	2
1699.455	1702.955	1341.955	75.09617	107.4002	73.90434	70.34067	54.15731	2.193053	43.64964	14.26427	29.38537	29.96928	2
1699.46	1702.96	1341.96	68.54703	140.5546	66.69439	62.41091	57.28045	2.743368	39.97618	18.94318	21.03299	29.25936	2
1699.465	1702.965	1341.965	68.57063	98.98979	68.42903	67.19	54.05691	2.243551	43.69954	13.36672	30.33281	29.27582	2
1699.47	1702.97	1341.97	74.31735	95.1466	73.65654	71.17849	53.72386	2.209815	44.06632	27.53999	16.52633	29.92291	2
1699.475	1702.975	1341.975	69.90406	136.7254	69.63265	74.18755	44.70412	4.841925	50.45396	28.61268	21.84128	26.51179	2
1699.48	1702.98	1341.98	67.80362	68.81524	67.73282	66.37579	61.5161	0.168674	38.31523	16.1941	22.12113	31.09973	2
1699.485	1702.985	1341.985	74.30555	87.8919	73.12553	73.80994	59.51424	0.783115	39.70264	26.23838	13.46426	30.37494	2
1699.49	1702.99	1341.99	74.24655	149.7031	73.11373	69.90406	44.24441	5.030706	50.72488	24.15457	26.57031	27.91523	2
1699.495	1702.995	1341.995	72.70072	96.74793	71.50889	65.86838	58.93898	1.141763	39.91926	26.67722	13.24203	31.12947	2
1699.5	1703	1342	69.14884	62.63273	69.05444	69.07804	61.95756	0	38.04244	9.419443	28.623	31.10471	2
1699.505	1703.005	1342.005	72.71252	87.12605	72.19331	71.14309	56.04386	1.615727	42.34041	13.58771	28.7527	30.05298	2
1699.51	1703.01	1342.01	73.82174	124.1515	73.05472	69.51465	47.98371	3.886378	48.12991	22.71519	25.41472	28.80568	2
1699.515	1703.015	1342.015	73.18453	127.3959	72.40571	72.18151	47.87625	3.975194	48.14856	25.13661	23.01194	28.06798	2
1699.52	1703.02	1342.02	69.69166	95.73144	68.07502	66.43479	65.24558	0.115672	34.63875	11.71625	22.9225	31.33655	2
1699.525	1703.025	1342.025	64.23994	148.8258	66.70619	66.12798	25.76996	8.066099	66.16394	34.15178	32.01216	26.94664	2
1699.53	1703.03	1342.03	60.54647	128.1896	58.82363	51.94409	66.62734	1.607118	31.76554	13.00342	18.76212	31.02594	2
1699.535	1703.035	1342.035	63.37853	135.3329	61.62029	59.81485	62.56752	2.199038	35.23344	22.24673	12.98671	29.36375	2
1699.54	1703.04	1342.04	70.52947	126.3237	69.45565	66.26959	52.86467	3.043523	44.09181	27.76429	16.32753	28.97097	2
1699.545	1703.045	1342.045	71.06048	82.43347	71.56789	71.22569	50.74302	2.648015	46.60896	17.18626	29.4227	29.25862	2
1699.55	1703.05	1342.05	73.12553	81.70939	72.94852	72.33491	54.32262	1.92568	43.7517	27.69977	16.05193	29.87777	2
1699.555	1703.055	1342.055	78.97845	136.8228	79.75726	80.86649	28.19288	9.455983	62.35114	28.89145	33.45969	27.35359	2
1699.56	1703.06	1342.06	79.88707	127.006	79.27345	79.27345	40.52394	5.690505	53.78556	35.35631	18.42925	27.94533	2
1699.565	1703.065	1342.065	75.99299	116.4233	75.27317	76.20539	47.49057	3.860074	48.64936	33.26709	15.38227	28.24646	2
1699.57	1703.07	1342.07	73.31433	106.4812	72.40571	68.24023	53.82416	2.362191	43.81365	31.65262	12.16103	29.92762	2
1699.575	1703.075	1342.075	72.31131	97.47201	71.8983	68.52343	53.08619	2.416935	44.49688	24.55836	19.93851	29.82301	2
1699.58	1703.08	1342.08	73.19633	106.6205	73.69194	75.07257	43.01625	4.832011	52.15174	29.90193	22.24981	27.87022	2
1699.585	1703.085	1342.085	68.42903	127.8554	67.99242	65.41997	49.488	3.758263	46.75374	14.53981	32.21393	28.31584	2
1699.59	1703.09	1342.09	72.20511	104.2672	70.93068	69.99846	58.21544	1.453593	40.33096	23.63661	16.69436	29.93362	2
1699.595	1703.095	1342.095	81.6453	188.1906	81.17329	79.99327	23.00227	10.6657	66.33202	37.92709	28.40493	27.2136	2
1699.6	1703.1	1342.1	82.38872	173.1938	81.6807	79.99327	27.77659	9.232136	62.99128	43.22238	19.7689	27.40369	2
1699.605	1703.105	1342.105	79.39145	97.68088	79.10825	80.31187	45.51593	4.371203	50.11286	18.26821	31.84466	28.60002	2
1699.61	1703.11	1342.11	80.42988	163.558	81.3621	76.16999	19.19877	12.28931	68.51191	54.53756	13.97436	28.60542	2
1699.615	1703.115	1342.115	76.9606	280.9561	72.40571	65.56157	36.50529	7.917344	55.57736	36.12697	19.45039	25.62481	2
1699.62	1703.12	1342.12	70.55307	84.42468	69.30225	68.88924	64.3543	0	35.6457	12.13828	23.50742	31.2091	2
1699.625	1703.125	1342.125	72.52371	77.82444	73.04292	74.89556	50.42079	2.743661	46.83555	14.39508	32.44047	28.9991	2
1699.63	1703.13	1342.13	71.09588	74.98382	71.50889	70.83628	53.24489	1.999069	44.75605	21.62757	23.12848	29.78169	2
1699.635	1703.135	1342.135	78.24683	97.93152	78.18783	76.15819	44.77075	4.57707	50.65218	34.31755	16.33463	29.06587	2
1699.64	1703.14	1342.14	77.96363	84.17404	77.76302	76.6656	49.45803	3.246107	47.29586	20.06301	27.23285	29.59864	2
1699.645	1703.145	1342.145	78.63624	57.56418	79.27345	79.78086	48.78573	3.623146	47.59113	34.0249	13.56623	29.76981	2
1699.65	1703.15	1342.15	79.03745	47.05113	79.34425	79.55666	53.52143	2.262336	44.21624	25.99672	18.21952	30.64238	2

1699.655	1703.155	1342.155	79.22625	57.48063	79.33245	79.12005	52.37847	2.544872	45.07666	21.04983	24.02683	30.37529	2
1699.66	1703.16	1342.16	83.68674	81.69547	83.74574	84.51276	42.78063	5.701793	51.51757	23.13747	28.3801	28.93684	2
1699.665	1703.165	1342.165	85.73999	251.5474	87.16781	84.76057	0	22.7967	77.2033	77.2033	0	-9999	2
1699.67	1703.17	1342.17	78.48284	127.8833	76.97241	73.12553	48.55388	3.42701	48.01911	21.39944	26.61967	29.17563	2
1699.675	1703.175	1342.175	82.18811	120.0159	81.09069	78.78964	43.84812	4.546647	51.60524	33.14999	18.45524	28.8741	2
1699.68	1703.18	1342.18	80.94909	139.2457	81.12609	80.27647	30.4576	8.850975	60.69143	30.03878	30.65265	27.70942	2
1699.685	1703.185	1342.185	81.88131	73.78631	81.94031	82.37692	46.35565	4.461216	49.18313	21.42343	27.7597	29.3758	2
1699.69	1703.19	1342.19	74.84836	57.99584	74.44715	75.80418	60.21388	0.293721	39.4924	10.47771	29.0147	31.05838	2
1699.695	1703.195	1342.195	72.92492	66.28096	72.16971	67.61481	62.722	0	37.278	8.836395	28.44161	32.09198	2
1699.7	1703.2	1342.2	80.18207	77.33708	79.42686	79.28525	53.36984	2.067833	44.56232	14.98205	29.58028	30.18484	2
1699.705	1703.205	1342.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1700.02	1703.52	1342.52	107.7474	111.5497	109.8243	113.211	0	48.16395	51.83605	51.83605	0	-9999	4
1700.025	1703.525	1342.525	106.296	101.7608	107.8182	109.8833	5.784273	38.43531	55.78041	55.78041	0	-9999	4
1700.03	1703.53	1342.53	101.6939	132.1999	103.7472	105.7768	0	36.66239	63.33761	63.33761	0	-9999	4
1700.035	1703.535	1342.535	96.61981	245.6295	101.7647	104.2664	0	57.62442	42.37558	42.37558	0	-9999	4
1700.04	1703.54	1342.54	96.54901	247.0915	101.9063	101.6703	0	59.13301	40.86699	40.86699	0	-9999	4
1700.045	1703.545	1342.545	102.8621	97.8062	103.2279	105.3638	18.86273	22.39584	58.74143	39.57873	19.1627	27.74207	4
1700.05	1703.55	1342.55	97.38682	191.2819	98.46065	90.70789	0	27.39474	72.60526	72.60526	0	-9999	4
1700.055	1703.555	1342.555	94.21256	247.4536	95.14478	81.11429	0	27.12733	72.87267	72.87267	0	-9999	4
1700.06	1703.56	1342.56	95.16838	261.1275	95.40438	80.47708	0	25.11675	74.88325	74.88325	0	-9999	4
1700.065	1703.565	1342.565	91.58111	142.4205	90.20048	82.49492	31.97949	7.533445	60.48707	26.78617	33.7009	29.54989	4
1700.07	1703.57	1342.57	90.66069	105.228	89.89367	87.93483	37.07137	7.240255	55.68838	29.43015	26.25823	29.04572	4
1700.075	1703.575	1342.575	86.99081	69.17728	86.566	81.25589	46.51982	4.623384	48.8568	34.88709	13.9697	30.766	4
1700.08	1703.58	1342.58	87.13241	116.4373	85.35058	80.48888	45.46959	3.271802	51.2586	18.88343	32.37517	29.93098	4
1700.085	1703.585	1342.585	91.4867	149.0625	89.76387	84.41836	33.11107	6.54455	60.34438	32.65127	27.69311	29.08489	4
1700.09	1703.59	1342.59	101.4815	216.9448	99.48727	97.75263	9.591729	12.21844	78.18983	60.01424	18.17559	29.43401	4
1700.095	1703.595	1342.595	95.66399	88.51851	96.43101	97.25702	24.62328	16.84063	58.53609	33.97468	24.56141	28.22477	4
1700.1	1703.6	1342.6	98.05944	80.83214	99.21586	102.0479	21.26165	21.24831	57.49003	40.06402	17.42601	27.72773	4
1700.105	1703.605	1342.605	92.85553	75.54081	92.72573	93.05614	37.29801	9.149915	53.55208	29.04433	24.50775	28.97512	4
1700.11	1703.61	1342.61	96.83221	68.21648	97.03282	96.3012	32.85129	13.23099	53.91772	21.75636	32.16136	28.9148	4
1700.115	1703.615	1342.615	91.93511	57.66165	91.84071	91.98231	42.19719	7.561273	50.24154	17.40972	32.83182	29.58493	4
1700.12	1703.62	1342.62	97.52843	171.2583	98.67305	102.6261	0	26.65345	73.34655	73.34655	0	-9999	4
1700.125	1703.625	1342.625	99.88848	157.4591	99.67607	99.71147	11.64364	19.20293	69.15342	52.00413	17.14929	28.66849	4
1700.13	1703.63	1342.63	92.50152	182.579	93.30394	87.95843	4.495753	20.6029	74.90135	69.58442	5.316929	-9999	4
1700.135	1703.635	1342.635	85.29158	179.7523	85.82259	84.05255	13.91636	14.56877	71.51488	53.64209	17.87279	28.37533	4
1700.14	1703.64	1342.64	89.44526	105.1723	88.83165	90.17688	37.01416	7.35228	55.63356	36.27336	19.3602	28.36683	4
1700.145	1703.645	1342.645	81.83411	71.64192	81.4329	79.16725	50.48464	3.0455	46.46986	21.55511	24.91475	30.38202	4
1700.15	1703.65	1342.65	87.84043	119.4171	87.33302	87.80503	34.22029	8.06044	57.71927	36.72434	20.99493	28.13964	4
1700.155	1703.655	1342.655	80.38268	134.2747	80.64228	78.65984	31.54153	8.520666	59.9378	37.50869	22.42911	27.9695	4
1700.16	1703.66	1342.66	81.5273	92.0275	81.94031	80.06407	39.52341	6.530194	53.94639	31.27751	22.66889	28.93783	4
1700.165	1703.665	1342.665	81.6335	70.68113	81.14969	78.37663	51.54187	2.698968	45.75916	20.31927	25.43989	30.62053	4
1700.17	1703.67	1342.67	84.66616	62.7302	83.93455	84.58356	52.59644	2.372157	45.0314	22.87938	22.15203	30.44877	4
1700.175	1703.675	1342.675	86.5188	113.1232	84.39476	82.93153	49.48822	1.867468	48.64431	27.53031	21.114	29.77671	4
1700.18	1703.68	1342.68	84.44196	287.0829	79.99327	78.25863	27.31669	7.213943	65.46936	40.81254	24.65682	25.61553	4
1700.185	1703.685	1342.685	83.47434	184.7791	80.04047	76.6656	45.09957	2.989879	51.91055	28.22587	23.68468	28.13878	4
1700.19	1703.69	1342.69	76.42959	39.90782	75.63898	74.78936	66.15436	0	33.84564	24.23199	9.613658	31.24814	4
1700.195	1703.695	1342.695	76.32339	101.6633	74.01054	71.9219	63.10453	0	36.89547	24.5736	12.32187	31.19636	4
1700.2	1703.7	1342.7	77.26741	81.15241	75.36757	71.9927	63.99885	0	36.00115	21.43514	14.56601	31.40567	4
1700.205	1703.705	1342.705	74.36455	47.05113	73.85714	72.79512	64.13067	0	35.86933	17.04453	18.8248	31.42001	4
1700.21	1703.71	1342.71	76.31159	62.14537	75.75698	74.35275	59.0524	0.594054	40.35355	13.76763	26.58592	31.364	4
1700.215	1703.715	1342.715	81.30309	63.14794	80.30007	78.42384	57.69276	0.755215	41.55202	14.68745	26.86457	31.52242	4
1700.22	1703.72	1342.72	81.13789	62.13144	80.74848	79.24985	53.33524	2.22179	44.44297	13.17824	31.26472	30.75948	4
1700.225	1703.725	1342.725	84.19415	96.09347	84.59536	84.53636	36.17739	7.953966	55.86864	38.70873	17.15991	28.47602	4
1700.23	1703.73	1342.73	83.63954	79.20297	83.78115	84.90217	42.78708	5.763818	51.4491	19.89412	31.55498	28.90351	4
1700.235	1703.735	1342.735	89.37446	102.7355	88.80805	87.02621	37.3032	7.342155	55.35465	20.96655	34.38809	28.98463	4
1700.24	1703.74	1342.74	87.14421	113.7359	87.17961	87.00261	32.02888	9.324869	58.64625	26.80353	31.84273	28.23295	4
1700.245	1703.745	1342.745	80.63048	111.2573	80.27647	78.88404	41.63924	5.476651	52.88411	19.28849	33.59562	28.59611	4
1700.25	1703.75	1342.75	81.7279	133.1328	80.85468	80.39448	39.35962	5.91404	54.72634	35.73484	18.9915	27.9684	4
1700.255	1703.755	1342.755	76.7836	154.5488	75.32037	71.6269	43.2983	5.092784	51.60891	31.64939	19.95952	28.02149	4
1700.26	1703.76	1342.76	75.36757	161.539	73.46773	69.12524	46.29316	4.584779	49.12206	35.28762	13.83445	28.09505	4
1700.265	1703.765	1342.765	71.55609	83.1297	70.90708	69.21965	59.08086	0.929026	39.99011	14.62275	25.36737	30.64743	4
1700.27	1703.77	1342.77	73.64474	119.2361	73.99874	69.32585	40.64815	5.547531	53.80432	23.60471	30.19961	28.61028	4
1700.275	1703.775	1342.775	74.44715	79.18904	74.27015	73.89254	53.71665	2.05684	44.22651	30.8764	13.35011	29.881	4
1700.28	1703.78	1342.78	72.21691	65.38979	71.00148	69.03084	67.15566	0	32.84434	14.34756	18.49679	31.21129	4
1700.285	1703.785	1342.785	77.43261	98.97586	76.4768	74.88376	52.21744	2.48217	45.30039	28.78373	16.51666	29.68629	4
1700.29	1703.79	1342.79	78.71884	67.82659	77.68042	75.81598	59.2124	0.447376	40.34023	12.26489	28.07534	31.52184	4
1700.295	1703.795	1342.795	86.83741	110.5054	84.91397	84.01715	48.27393	2.366129	49.35994	21.68606	27.67388	29.58249	4
1700.3	1703.8	1342.8	86.5778	72.97868	86.17659	86.4952	45.79694	4.797908	49.40515	25.02066	24.38449	29.57007	4
1700.305	1703.805	1342.805	90.29488	69.03803	90.08247	90.77869	41.86764	6.919344	51.21301	34.44014	16.77287	29.29133	4
1700.31	1703.81	1342.81	85.23257	83.51959	84.52456	83.27373	46.8614	4.025868	49.11273	24.17057	24.94216	29.75771	4
1700.315	1703.815	1342.815	91.2389	66.0164	91.1917	91.80531	40.45005	7.932751	51.6172	33.37208	18.24511	29.22539	4
1700.32	1703.82	1342.82	96.2068	198.1327	94.92057	90.08247	13.50988	13.3322	73.15793	55.86156	17.29636	29.30064	4
1700.325	1703.825	1342.825	84.57176	148.1575	83.23833	78.97845	36.67394	6.309389	57.01667	21.34427	35.67241	28.49277	4

1700.33	1703.83	1342.83	86.77841	84.91204	86.03499	84.43016	45.37662	4.513133	50.11025	34.76558	15.34467	29.72843	4
1700.335	1703.835	1342.835	77.27921	59.69464	77.12581	76.38239	55.6459	1.508885	42.84522	27.48662	15.3586	30.79336	4
1700.34	1703.84	1342.84	73.88074	43.013	73.88074	75.14337	61.62057	0	38.37943	16.03376	22.34567	31.32662	4
1700.345	1703.845	1342.845	73.49133	70.13807	73.63294	74.76576	54.31714	1.802169	43.88069	22.75743	21.12326	29.82343	4
1700.35	1703.85	1342.85	77.20841	63.62137	76.5476	76.32339	58.6932	0.670892	40.63591	27.35059	13.28532	31.10992	4
1700.355	1703.855	1342.855	83.33274	86.03993	81.99931	80.08767	52.84628	1.857624	45.29609	32.00896	13.28713	30.49256	4
1700.36	1703.86	1342.86	82.68372	72.5331	82.74272	82.41232	45.92071	4.682856	49.39644	21.65616	27.74027	29.52466	4
1700.365	1703.865	1342.865	82.03471	50.23986	81.6335	81.10249	55.47939	1.663459	42.85716	15.12822	27.72894	31.16948	4
1700.37	1703.87	1342.87	82.14091	51.40952	82.23531	81.8223	51.25764	3.147635	45.59472	18.92305	26.67167	30.49887	4
1700.375	1703.875	1342.875	82.08191	35.29879	82.50672	82.97873	52.65007	2.968417	44.38152	29.1267	15.25482	30.79703	4
1700.38	1703.88	1342.88	87.25042	73.64706	86.80201	83.09673	45.3822	4.94586	49.67194	20.72302	28.94892	30.2907	4
1700.385	1703.885	1342.885	88.80805	40.71545	88.71365	87.21502	49.17507	4.728383	46.09655	22.06826	24.02828	30.83373	4
1700.39	1703.89	1342.89	86.83741	43.56999	86.4008	86.12939	52.94937	2.793379	44.25725	23.01013	21.24713	31.06652	4
1700.395	1703.895	1342.895	82.53032	63.95556	82.44772	82.86073	49.23502	3.641886	47.12309	33.50909	13.614	29.89346	4
1700.4	1703.9	1342.9	78.95485	41.35598	79.36785	78.32943	54.15258	2.10589	43.74153	17.78187	25.95966	31.06133	4
1700.405	1703.905	1342.905	81.7279	57.96799	83.00233	84.27676	40.90527	6.770193	52.32454	25.75129	26.57324	29.00608	4
1700.41	1703.91	1342.91	84.12335	247.7878	84.20595	79.50946	2.001714	17.16667	80.83162	80.83162	0	-9999	4
1700.415	1703.915	1342.915	69.76246	133.9405	68.75944	65.13676	51.17836	3.56393	45.25771	27.97348	17.28423	28.61736	4
1700.42	1703.92	1342.92	71.9337	63.60745	70.30527	69.53825	71.04835	0	28.95165	14.0253	14.92635	30.80185	4
1700.425	1703.925	1342.925	77.38541	68.73169	77.00781	77.03141	55.09881	1.661544	43.23964	13.8438	29.39585	30.39359	4
1700.43	1703.93	1342.93	80.78388	75.41548	80.45348	79.17905	49.98893	3.163733	46.84733	27.47164	19.37569	30.00919	2
1700.435	1703.935	1342.935	85.18537	101.8722	84.40656	82.50672	43.01221	5.02805	51.95974	30.64336	21.31638	29.21316	2
1700.44	1703.94	1342.94	86.84921	70.9457	86.4952	85.52758	45.67343	4.931715	49.39486	28.18173	21.21313	29.83272	2
1700.445	1703.945	1342.945	88.34784	80.76252	87.62802	87.40382	44.75402	4.873194	50.37278	25.01009	25.36269	29.54723	2
1700.45	1703.95	1342.95	89.02045	169.2114	88.53664	86.77841	20.90155	11.99833	67.10012	45.71174	21.38838	28.09791	2
1700.455	1703.955	1342.955	83.14393	120.0716	82.30611	77.40901	40.94334	5.493403	53.56326	24.29571	29.26755	29.1935	2
1700.46	1703.96	1342.96	76.33519	68.74561	76.22899	75.07257	53.95825	1.965043	44.0767	16.43608	27.64063	30.3853	3
1700.465	1703.965	1342.965	72.85412	85.09306	71.08408	68.86564	66.09947	0	33.90053	16.18786	17.71267	31.32943	3
1700.47	1703.97	1342.97	81.14969	149.9955	77.69222	74.32915	55.83878	0.751958	43.40927	28.44309	14.96618	29.8369	3
1700.475	1703.975	1342.975	81.5745	114.265	78.63624	77.17301	60.07084	0	39.92916	10.07132	29.85784	30.27021	3
1700.48	1703.98	1342.98	78.80144	33.54429	78.32943	77.17301	63.04303	0	36.95697	20.98623	15.97074	32.01925	3
1700.485	1703.985	1342.985	79.55666	36.59378	78.68344	77.68042	64.71962	0	35.28038	6.175991	29.10439	31.5798	3
1700.49	1703.99	1342.99	87.21502	134.8456	84.89037	79.58026	45.14558	2.767566	52.08685	32.1349	19.95195	29.71955	3
1700.495	1703.995	1342.995	93.45734	236.8709	90.96749	89.74027	15.99283	9.544985	74.46218	53.96784	20.49434	27.97346	3
1700.5	1704	1343	106.1662	279.6333	110.3907	119.5359	0	79.13474	20.86526	20.86526	0	-9999	3
1700.505	1704.005	1343.005	112.2315	203.3684	115.8424	120.5271	0	88.79663	11.20337	11.20337	0	-9999	3
1700.51	1704.01	1343.01	113.6358	125.5718	114.214	115.4884	0.585586	44.18234	55.23208	55.23208	0	-9999	3
1700.515	1704.015	1343.015	106.1072	181.284	106.0246	104.703	0	28.04705	71.95295	71.95295	0	-9999	3
1700.52	1704.02	1343.02	103.2043	204.0646	103.1099	102.6025	0	26.27399	73.72601	73.72601	0	-9999	3
1700.525	1704.025	1343.025	102.5907	135.4304	101.8119	100.2897	18.8782	15.82899	65.29281	47.0427	18.25011	28.76791	3
1700.53	1704.03	1343.03	97.96504	183.3727	98.02404	92.17112	5.038715	21.09597	73.86531	73.86531	0	-9999	3
1700.535	1704.035	1343.035	92.61953	139.6217	92.31272	87.56902	23.37934	12.50937	64.1113	36.08751	28.02378	28.99405	3
1700.54	1704.04	1343.04	94.56657	90.78821	94.59017	93.77595	30.84511	12.04977	57.10512	30.40805	26.69707	28.72023	3
1700.545	1704.045	1343.045	94.70817	135.876	94.83797	94.08276	18.98053	15.74952	65.26995	37.68268	27.58727	28.43324	3
1700.55	1704.05	1343.05	91.4513	119.1526	90.27128	84.33576	36.17507	6.760533	57.0644	27.92355	29.14085	29.63264	3
1700.555	1704.055	1343.055	91.1327	74.69141	90.64889	89.71667	41.83213	6.573581	51.59429	17.86678	33.72751	29.56936	3
1700.56	1704.06	1343.06	88.90245	54.08304	88.93785	89.30366	44.84729	6.184844	48.96786	17.36832	31.59954	29.77716	3
1700.565	1704.065	1343.065	92.51332	56.1021	92.40712	92.12392	42.1341	7.74328	50.12262	32.11298	18.00964	29.68116	3
1700.57	1704.07	1343.07	93.04434	85.24623	93.04434	92.63133	33.76962	10.5418	55.68857	31.42154	24.26704	28.79938	3
1700.575	1704.075	1343.075	88.45404	140.6939	89.15026	90.31848	19.1787	14.37153	66.44977	40.29147	26.1583	27.93913	3
1700.58	1704.08	1343.08	90.48368	147.2941	89.84647	88.87885	26.04823	10.53851	63.41325	39.94999	23.46326	28.10737	3
1700.585	1704.085	1343.085	91.3097	207.3369	89.96447	83.76934	16.24506	11.98138	71.77355	50.79333	20.98022	28.94479	3
1700.59	1704.09	1343.09	87.92303	230.4099	86.87281	79.39145	11.49083	13.64115	74.86801	51.26618	23.60183	29.15332	3
1700.595	1704.095	1343.095	92.69033	153.5323	92.11212	91.68731	22.05121	12.23286	65.71593	33.70879	32.00713	28.12693	3
1700.6	1704.1	1343.1	93.61075	183.7765	94.75537	96.0534	0.533366	23.39027	76.07637	76.07637	0	-9999	3
1700.605	1704.105	1343.105	97.81163	138.3824	98.48425	98.38985	11.312	21.74749	66.94051	47.64774	19.29278	28.65673	3
1700.61	1704.11	1343.11	94.63737	170.0051	94.60197	93.25674	12.06674	17.13898	70.79428	56.39703	14.39725	28.7936	3
1700.615	1704.115	1343.115	96.0888	189.6248	94.49577	94.10636	18.0551	11.11168	70.83322	46.53123	24.30199	28.25661	3
1700.62	1704.12	1343.12	92.94993	134.2329	91.59291	90.92029	32.51867	7.505677	59.97565	25.71046	34.26519	28.43803	3
1700.625	1704.125	1343.125	90.10608	177.5244	87.74603	83.76934	32.43189	5.776613	61.7915	35.25586	26.53563	28.36555	3
1700.63	1704.13	1343.13	91.93511	129.7492	90.96749	90.46008	31.51945	8.556523	59.92402	39.8685	20.05553	28.33706	1
1700.635	1704.135	1343.135	94.87337	67.17214	94.68457	94.50757	37.92407	9.555744	52.52019	33.4883	19.03188	29.22223	1
1700.64	1704.14	1343.14	95.61679	83.54743	95.39258	93.46914	33.55166	10.9625	55.48583	37.49306	17.99278	29.1377	1
1700.645	1704.145	1343.145	95.65219	66.97719	95.47519	94.96778	37.16328	10.12375	52.71297	34.83535	17.87762	29.22983	1
1700.65	1704.15	1343.15	96.90301	65.69613	97.30422	97.46943	31.8414	14.30808	53.85052	31.94137	21.90915	28.66914	1
1700.655	1704.155	1343.155	103.4994	75.91677	103.8534	104.0304	23.66518	21.59111	54.74371	24.02688	30.71683	28.05334	1
1700.66	1704.16	1343.16	112.1253	121.0045	113.7538	113.5296	0	54.55833	45.44167	45.44167	0	-9999	1
1700.665	1704.165	1343.165	108.9511	136.3355	109.8951	111.9955	0	39.83184	60.16816	60.16816	0	-9999	1
1700.67	1704.17	1343.17	107.594	143.9801	108.184	111.8303	1.597715	34.15055	64.25174	64.25174	0	-9999	1
1700.675	1704.175	1343.175	106.9804	154.4096	106.9332	109.8361	4.5767	27.63642	67.78688	60.05407	7.732814	-9999	1
1700.68	1704.18	1343.18	103.7472	137.3241	102.0243	97.74083	24.67215	9.544692	65.78316	36.41848	29.36467	29.58036	1
1700.685	1704.185	1343.185	100.4313	56.24135	100.0065	98.69665	37.28508	11.37162	51.3433	26.85708	24.48622	29.49799	1
1700.69	1704.19	1343.19	101.8827	55.86538	102.2957	101.4933	29.54766	18.78792	51.66442	26.7716	24.89282	28.54131	1

1700.695	1704.195	1343.195	99.35747	82.08535	99.90028	101.4225	24.51969	18.70456	56.77575	39.09334	17.68241	28.01245	1
1700.7	1704.2	1343.2	99.59347	74.53824	98.28364	97.97684	40.48691	6.310347	53.20274	37.56099	15.64175	29.75765	1
1700.705	1704.205	1343.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1701.005	1704.505	1343.505	68.16942	99.25435	66.70619	61.19548	64.60461	0.429276	34.96611	10.25106	24.71505	31.70611	1
1701.01	1704.51	1343.51	67.24901	84.80065	65.58517	63.24872	70.50387	0	29.49613	9.920752	19.57537	31.46646	1
1701.015	1704.515	1343.515	72.62992	112.6359	70.81268	69.08984	60.00619	1.199279	38.79453	13.00708	25.78746	30.20075	1
1701.02	1704.52	1343.52	75.27317	120.5172	74.22295	73.60934	49.72274	3.369512	46.90774	18.31004	28.5977	28.6042	1
1701.025	1704.525	1343.525	79.02565	98.72522	79.91067	80.90189	36.54601	7.168076	56.28591	31.29475	24.99117	28.06366	1
1701.03	1704.53	1343.53	81.4093	91.69331	81.86951	83.29734	39.34704	6.588427	54.06453	38.45065	15.61388	28.31147	1
1701.035	1704.535	1343.535	85.81079	96.80363	86.3536	85.55118	33.42081	9.284808	57.29438	33.7308	23.56358	28.55104	1
1701.04	1704.54	1343.54	81.4801	136.7811	82.97873	82.44772	20.3229	12.60484	67.07226	38.56407	28.50818	28.11517	1
1701.045	1704.545	1343.545	82.89613	110.575	83.15573	83.17933	34.96446	7.919531	57.116	26.03411	31.0819	28.14046	1
1701.05	1704.55	1343.55	81.27949	100.5493	81.03169	81.5627	42.81042	5.230158	51.95943	26.70191	25.25752	28.54187	1
1701.055	1704.555	1343.555	81.06709	84.35506	81.8223	82.49492	39.15143	6.754489	54.09408	21.93151	32.16257	28.55207	1
1701.06	1704.56	1343.56	82.58932	56.49199	83.02593	83.21473	46.96304	4.653962	48.38299	27.49608	20.88692	29.78799	1
1701.065	1704.565	1343.565	82.99053	75.86107	82.93153	80.52428	45.74759	4.684452	49.56795	20.2991	29.26885	29.84463	1
1701.07	1704.57	1343.57	82.49492	109.6003	83.36814	84.06435	30.81396	9.477967	59.70807	27.90747	31.8006	27.96005	1
1701.075	1704.575	1343.575	81.5037	101.2734	82.51852	83.95815	32.64357	8.829573	58.52686	32.25313	26.27373	27.93863	1
1701.08	1704.58	1343.58	81.7751	96.76185	82.54212	83.55694	35.40616	7.952012	56.64182	38.98274	17.65908	28.15269	1
1701.085	1704.585	1343.585	80.50068	98.76699	80.73668	81.14969	40.20873	6.106627	53.68465	29.22737	24.45728	28.3851	1
1701.09	1704.59	1343.59	74.27015	108.4167	73.76274	69.93946	49.36705	3.376982	47.25597	27.65181	19.60416	29.3532	1
1701.095	1704.595	1343.595	73.19633	104.3507	73.77454	71.39089	42.92536	4.830127	52.24452	32.8124	19.43212	28.59594	1
1701.1	1704.6	1343.6	77.84562	102.8469	78.09343	79.34425	41.57259	5.483985	52.94343	24.45162	28.49181	28.10785	1
1701.105	1704.605	1343.605	79.28525	124.1654	79.94607	79.79266	31.88823	8.432886	59.67888	24.61098	35.0679	27.75837	1
1701.11	1704.61	1343.61	78.76604	166.8582	80.61868	80.96089	12.79762	14.09893	73.10344	49.29048	23.81296	28.16867	1
1701.115	1704.615	1343.615	79.66286	128.8301	79.69826	78.09343	35.25892	7.332977	57.40811	38.82886	18.57925	27.98599	1
1701.12	1704.62	1343.62	80.96089	139.5381	80.87829	83.79295	32.38792	8.190889	59.42119	41.59724	17.82395	26.99126	1
1701.125	1704.625	1343.625	80.92549	106.6761	80.86649	80.15847	40.19018	6.022454	53.78736	27.94977	25.83759	28.47118	1
1701.13	1704.63	1343.63	79.66286	123.5945	79.62746	81.5391	37.07465	6.805105	56.12024	20.22867	35.89157	27.47992	1
1701.135	1704.635	1343.635	82.01111	144.0776	82.82533	88.72545	23.37283	11.39372	65.23345	40.31623	24.91722	26.62961	1
1701.14	1704.64	1343.64	83.00233	103.1254	83.80475	85.22077	32.46279	9.084924	58.45229	26.87663	31.57566	27.95231	1
1701.145	1704.645	1343.645	82.68372	93.7263	83.32094	82.93153	36.31081	7.79967	55.88952	37.83515	18.05437	28.51964	1
1701.15	1704.65	1343.65	82.28251	110.2965	83.34454	86.2946	29.37766	9.975124	60.64722	36.67241	23.97481	27.53379	1
1701.155	1704.655	1343.655	83.28553	116.1031	84.64256	88.34784	24.7634	11.83425	63.40235	43.9404	19.46195	27.43392	1
1701.16	1704.66	1343.66	83.09673	133.481	83.89915	88.69005	25.02989	11.18182	63.78829	36.65486	27.13343	26.95785	1
1701.165	1704.665	1343.665	79.40326	84.42468	79.72186	81.6217	44.04903	4.945011	51.00596	26.84464	24.16131	28.58123	1
1701.17	1704.67	1343.67	76.9488	101.9696	77.17301	76.7954	42.79286	5.086531	52.12061	35.5851	16.53551	28.45594	1
1701.175	1704.675	1343.675	76.6066	112.3295	76.98421	75.89858	39.41172	6.009942	54.57833	37.22968	17.34866	28.18274	1
1701.18	1704.68	1343.68	73.57394	91.21987	73.86894	74.89556	47.95047	3.52802	48.52151	23.8508	24.67071	28.6512	1
1701.185	1704.685	1343.685	76.39419	91.63761	76.6184	76.28799	45.80345	4.219453	49.97709	34.60886	15.36823	28.85124	1
1701.19	1704.69	1343.69	75.11977	133.3417	75.04897	73.42053	39.16983	6.080527	54.74964	24.21247	30.53717	27.76165	1
1701.195	1704.695	1343.695	72.15791	130.5986	71.7567	69.10164	45.11924	4.643232	50.23753	33.99881	16.23872	28.14201	1
1701.2	1704.7	1343.7	68.97184	152.8918	67.80362	64.84176	48.59983	4.519433	46.88074	23.50457	23.37617	27.72491	1
1701.205	1704.705	1343.705	67.57941	211.6257	64.51135	58.82363	50.39102	6.033739	43.57524	24.22851	19.34673	26.81607	1
1701.21	1704.71	1343.71	70.50587	115.3929	69.86866	68.40543	52.14791	2.954883	44.89721	22.93946	21.95775	28.81047	1
1701.215	1704.715	1343.715	72.80692	123.9705	73.84534	75.24957	34.96902	6.881016	58.14997	35.64581	22.50416	27.20239	1
1701.22	1704.72	1343.72	73.55033	160.7174	75.16697	76.5712	20.91117	10.72976	68.35907	50.23463	18.12444	27.04909	1
1701.225	1704.725	1343.725	73.65654	161.9985	74.05775	70.48227	29.92299	8.525016	61.55199	26.90533	34.64666	27.40498	1
1701.23	1704.73	1343.73	76.6066	184.5006	75.53278	78.11703	33.19491	7.864066	58.94102	40.78443	18.15659	25.9134	1
1701.235	1704.735	1343.735	75.37937	163.8226	74.55336	79.27345	37.40754	6.73538	55.85708	24.1302	31.72687	25.90712	1
1701.24	1704.74	1343.74	76.45319	242.2319	74.11675	75.61538	29.15042	9.301024	61.54855	37.74154	23.80701	24.9566	1
1701.245	1704.745	1343.745	70.18727	220.8576	68.07502	60.27506	38.35005	7.910436	53.73951	33.85659	19.88292	26.53468	1
1701.25	1704.75	1343.75	66.895	150.3297	64.71195	60.02726	58.99542	2.914873	38.08971	12.24915	25.84056	29.19345	1
1701.255	1704.755	1343.755	70.04566	82.69804	69.67986	71.14309	58.38007	1.079205	40.54072	24.37281	16.16791	29.85426	1
1701.26	1704.76	1343.76	76.8898	128.0086	75.75698	74.23475	47.06268	3.979718	48.9576	34.31202	14.64558	28.46539	1
1701.265	1704.765	1343.765	77.58602	70.59758	77.84562	79.32065	49.52431	3.249335	47.22636	23.23847	23.98788	29.36283	1
1701.27	1704.77	1343.77	79.26165	104.5039	79.68646	86.14119	38.49706	6.510549	54.99239	31.81079	23.18159	27.02523	1
1701.275	1704.775	1343.775	78.06983	77.71304	77.84562	78.41203	51.10679	2.786479	46.10673	23.78344	22.3233	29.60386	1
1701.28	1704.78	1343.78	75.68618	90.45402	75.66258	76.06379	48.66175	3.426646	47.91161	27.11022	20.80138	28.96735	1
1701.285	1704.785	1343.785	73.36153	68.94056	72.73612	72.64172	60.67073	0.325802	39.00347	11.94498	27.05849	31.05874	2
1701.29	1704.79	1343.79	79.15545	46.84226	78.71884	78.62444	59.22488	0.509849	40.26527	28.89469	11.37058	31.62279	2
1701.295	1704.795	1343.795	83.66314	76.71047	83.95815	83.43894	42.17968	6.072292	51.74803	32.91093	18.8371	29.18656	2
1701.3	1704.8	1343.8	74.44715	85.6222	74.22295	74.37635	52.52563	2.40236	45.07201	26.46979	18.60221	29.4814	2
1701.305	1704.805	1343.805	71.7331	64.3176	70.55307	66.9894	67.58588	0	32.41412	14.9343	17.47982	31.4732	2
1701.31	1704.81	1343.81	80.05227	106.9268	80.28827	72.79512	38.64659	6.492465	54.86094	23.62593	31.23501	29.59776	2
1701.315	1704.815	1343.815	74.35275	99.15688	74.28195	71.50889	48.14822	3.581919	48.26987	24.64683	23.62303	29.24221	2
1701.32	1704.82	1343.82	65.59697	94.06049	64.79455	62.87112	63.10688	0.631547	36.26158	8.734175	27.5274	30.69683	2
1701.325	1704.825	1343.825	73.19633	77.96368	73.29073	74.23475	53.06055	2.171517	44.76793	19.54561	25.22232	29.49607	2
1701.33	1704.83	1343.83	80.52428	154.145	79.48586	76.01659	36.66234	6.639389	56.69828	33.17823	23.52004	27.94578	2
1701.335	1704.835	1343.835	78.09343	171.7874	76.11099	72.74792	41.9454	5.351216	52.70338	24.17661	28.52677	27.61716	2
1701.34	1704.84	1343.84	69.53825	61.9365	68.54703	68.01602	68.71813	0	31.28187	16.95002	14.33185	30.8464	2
1701.345	1704.845	1343.845	75.04897	94.74279	73.69194	71.40269	58.54416	1.02847	40.42737	27.28732	13.14005	30.64946	2
1701.35	1704.85	1343.85	75.01356	121.9514	73.99874	69.21965	49.34014	3.490268	47.16959	14.68128	32.48831	29.28099	2

1701.355	1704.855	1343.855	74.45895	78.92448	73.93974	70.35247	56.42192	1.402905	42.17517	12.33456	29.84061	30.85565	2
1701.36	1704.86	1343.86	73.01932	67.18606	72.60632	70.17547	59.76401	0.51092	39.72507	11.18218	28.54289	31.34771	2
1701.365	1704.865	1343.865	73.27893	84.84242	73.24353	73.68014	52.32588	2.423355	45.25077	18.94471	26.30606	29.35142	2
1701.37	1704.87	1343.87	71.08408	62.79982	70.69468	71.11948	62.423	0	37.577	25.52934	12.04766	31.11232	2
1701.375	1704.875	1343.875	78.34123	76.5573	77.91642	76.937	52.69147	2.328903	44.97963	23.36336	21.61627	30.13138	2
1701.38	1704.88	1343.88	81.92851	100.5354	81.5509	80.25287	43.22266	5.089066	51.68827	33.14073	18.54754	28.94409	2
1701.385	1704.885	1343.885	77.42081	89.03372	77.10221	75.34397	49.69589	3.168557	47.13555	31.13433	16.00122	29.6043	2
1701.39	1704.89	1343.89	78.75424	84.46646	78.61264	77.56242	48.20264	3.627962	48.1694	29.25116	18.91824	29.47606	2
1701.395	1704.895	1343.895	79.67466	127.0617	79.22625	78.93125	39.42555	6.036859	54.53759	38.45001	16.08759	27.9139	2
1701.4	1704.9	1343.9	76.4886	131.0998	75.80418	75.50918	43.20854	5.022999	51.76846	33.61001	18.15845	27.8461	2
1701.405	1704.905	1343.905	74.06955	98.4885	74.78936	75.07257	42.44324	4.965171	52.59159	20.35221	32.23939	28.24175	2
1701.41	1704.91	1343.91	72.31131	69.69248	72.59452	72.93672	54.41317	1.725917	43.86091	28.8122	15.04871	29.91701	2
1701.415	1704.915	1343.915	65.31377	56.74263	65.30197	64.84176	66.27107	0	33.72893	13.60454	20.12439	30.58876	2
1701.42	1704.92	1343.92	60.97128	62.93907	61.54949	61.45509	64.19403	0	35.80597	24.13206	11.67391	30.20181	2
1701.425	1704.925	1343.925	62.94192	122.9261	62.2221	62.38731	57.92388	2.381151	39.69497	26.96939	12.72558	28.53459	2
1701.43	1704.93	1343.93	58.11562	127.8693	56.32198	53.43092	69.48994	1.421876	29.08819	25.43736	3.650825	30.68567	2
1701.435	1704.935	1343.935	57.2542	66.65693	56.75859	55.16556	75.03614	0	24.96386	10.77977	14.18409	30.92938	2
1701.44	1704.94	1343.94	56.35738	64.2062	56.90019	57.1126	68.40652	0	31.59348	17.55444	14.03904	29.82925	2
1701.445	1704.945	1343.945	56.48718	45.90932	56.06238	54.32774	80.214	0	19.786	10.91679	8.869205	30.92366	2
1701.45	1704.95	1343.95	61.9035	57.32746	61.72649	59.88565	70.54732	0	29.45268	12.24707	17.20561	30.66163	2
1701.455	1704.955	1343.955	62.57611	62.7302	62.89472	63.96854	64.78007	0	35.21993	7.669065	27.55086	30.16171	2
1701.46	1704.96	1343.96	63.79153	115.7132	62.2929	59.62605	64.92358	1.163585	33.91283	18.95687	14.95596	30.48219	2
1701.465	1704.965	1343.965	62.67051	80.48403	62.0451	59.47265	67.71294	0	32.28706	17.04171	15.24535	31.2835	2
1701.47	1704.97	1343.97	62.2575	85.5108	61.30168	59.14224	69.43709	0	30.56291	19.329	11.23392	31.37328	2
1701.475	1704.975	1343.975	59.50805	61.25419	58.94163	57.4076	74.81877	0	25.18123	3.888741	21.29249	30.86727	2
1701.48	1704.98	1343.98	64.58215	123.4553	63.01272	61.70289	62.87135	1.664708	35.46394	19.21562	16.24832	29.71255	2
1701.485	1704.985	1343.985	58.42242	81.77901	57.57281	55.30716	73.04538	0	26.95462	10.12565	16.82897	31.38696	2
1701.49	1704.99	1343.99	57.93861	66.23919	57.4312	57.1126	74.59902	0	25.40098	14.80808	10.5929	30.67473	2
1701.495	1704.995	1343.995	60.09806	81.62584	59.68505	57.65541	68.15715	0	31.84285	17.15834	14.68451	31.07708	2
1701.5	1705	1344	61.26628	128.8719	61.04208	59.44905	54.1856	3.090473	42.72392	21.28756	21.43637	28.09857	2
1701.505	1705.005	1344.005	64.62935	180.5739	62.88292	59.03604	50.377	5.334037	44.28896	24.96029	19.32867	27.01538	2
1701.51	1705.01	1344.01	61.43149	65.02775	60.99488	60.65267	71.13004	0	28.86996	7.378603	21.49136	30.57277	2
1701.515	1705.015	1344.015	61.25448	71.64192	62.0333	62.0805	60.27271	0.224459	39.50283	9.913156	29.58968	30.13576	2
1701.52	1705.02	1344.02	63.87414	67.45063	63.40213	58.84723	68.57082	0	31.42918	9.278868	22.15031	31.45137	2
1701.525	1705.025	1344.025	65.47897	108.918	64.35795	59.44905	62.08912	1.252834	36.65805	24.12155	12.53649	30.6793	2
1701.53	1705.03	1344.03	64.52315	106.2166	63.52013	61.62029	62.70769	1.111128	36.18119	22.26815	13.91303	30.23104	2
1701.535	1705.035	1344.035	63.96854	48.24864	63.44933	62.2929	73.49666	0	26.50334	12.89327	13.61007	30.62746	2
1701.54	1705.04	1344.04	69.12524	91.2338	68.52343	70.76548	58.99024	1.162906	39.84685	15.2522	24.59465	29.53989	2
1701.545	1705.045	1344.045	75.95758	98.33533	75.82778	75.14337	47.32784	3.814723	48.85743	31.26932	17.58812	28.88744	2
1701.55	1705.05	1344.05	86.3654	79.21689	86.15299	86.76661	43.01948	5.776395	51.20413	35.20719	15.99694	29.12451	2
1701.555	1705.055	1344.055	87.29762	109.8649	87.53362	89.77567	31.26985	9.866887	58.86326	39.71837	19.14489	27.81245	2
1701.56	1705.06	1344.06	87.32122	126.7275	86.4716	84.76057	35.58095	7.153442	57.26561	31.76817	25.49743	28.46328	2
1701.565	1705.065	1344.065	88.84345	205.8887	89.28006	85.56298	5.055235	17.98386	76.9609	72.12845	4.832455	-9999	2
1701.57	1705.07	1344.07	76.6538	135.2076	75.57998	74.51795	45.08039	4.544847	50.37477	34.84197	15.53279	28.04463	2
1701.575	1705.075	1344.075	78.99025	159.1996	76.7128	73.96334	46.45287	3.950152	49.59697	21.30677	28.29021	28.16503	2
1701.58	1705.08	1344.08	78.34123	140.1787	76.819	71.03688	45.80012	4.212	49.98788	30.19053	19.79735	28.99786	2
1701.585	1705.085	1344.085	80.66588	125.6832	79.65106	76.8308	43.23692	4.806391	51.95669	31.95486	20.00183	28.69826	2
1701.59	1705.09	1344.09	77.55062	121.102	76.6892	74.78936	46.02273	4.198191	49.77908	23.84673	25.93235	28.62789	2
1701.595	1705.095	1344.095	78.76604	120.1551	78.17603	75.55638	43.03029	5.00307	51.96664	20.22224	31.74439	28.62671	2
1701.6	1705.1	1344.1	76.5358	84.43861	75.96938	74.44715	53.54261	2.12426	44.33313	27.5207	16.81243	30.07491	2
1701.605	1705.105	1344.105	78.44744	151.4297	78.63624	72.64172	29.71914	8.824847	61.45602	33.13694	28.31908	28.31227	2
1701.61	1705.11	1344.11	76.28799	121.0045	76.01659	75.29677	42.63534	5.139321	52.22533	27.27072	24.95462	28.08277	2
1701.615	1705.115	1344.115	76.34699	105.0052	75.11977	73.47953	53.8605	2.151791	43.9877	15.05466	28.93304	29.6978	2
1701.62	1705.12	1344.12	75.20237	90.81606	73.43233	69.86866	62.55412	0.030637	37.41525	21.30028	16.11497	31.69748	2
1701.625	1705.125	1344.125	73.37333	112.4131	71.09588	68.93644	62.94278	0.49721	36.56001	10.43887	26.12113	30.87333	2
1701.63	1705.13	1344.13	75.89858	204.6494	72.54731	68.61783	46.62047	4.940955	48.43857	29.00192	19.43665	27.12858	2
1701.635	1705.135	1344.135	79.27345	202.7418	75.57998	71.8039	46.62935	3.958278	49.41237	28.62813	20.78424	27.50408	2
1701.64	1705.14	1344.14	77.36181	122.3691	75.86318	72.53551	50.82819	2.926498	46.24531	25.95048	20.29483	29.33908	2
1701.645	1705.145	1344.145	76.937	105.2419	76.5004	76.7364	47.13313	3.890331	48.97654	23.98869	24.98784	28.61479	2
1701.65	1705.15	1344.15	79.19085	92.73765	78.74244	79.09645	48.17708	3.589484	48.23344	33.32472	14.90872	29.07901	2
1701.655	1705.155	1344.155	75.62718	101.9279	73.83354	71.6859	59.65714	0.778006	39.56486	10.42975	29.13511	30.69808	2
1701.66	1705.16	1344.16	74.67136	118.3589	73.26713	71.7095	53.54228	2.488726	43.969	12.59133	31.37767	29.22637	2
1701.665	1705.165	1344.165	75.93398	127.1731	75.67438	68.57063	41.37678	5.492291	53.13093	19.12249	34.00843	29.04119	2
1701.67	1705.17	1344.17	75.61538	89.91096	74.10495	71.17849	60.38124	0.490568	39.12819	20.79688	18.33132	31.22865	2
1701.675	1705.175	1344.175	76.24079	59.84781	75.89858	75.66258	58.02741	0.854732	41.11786	19.16048	21.95738	31.00445	2
1701.68	1705.18	1344.18	77.22021	59.09589	77.05501	77.60962	55.93653	1.426798	42.63667	19.80198	22.83469	30.59519	2
1701.685	1705.185	1344.185	82.71912	108.2218	81.3621	80.38268	48.2257	3.169181	48.60512	22.64537	25.95975	29.28391	2
1701.69	1705.19	1344.19	81.23229	84.42468	80.09947	79.72186	53.6149	1.847541	44.53756	26.68286	17.85471	30.18686	2
1701.695	1705.195	1344.195	84.22955	98.85054	83.08493	80.83108	47.45781	3.457543	49.08465	16.75968	32.32496	29.69719	2
1701.7	1705.2	1344.2	91.84071	119.6678	90.25948	86.83741	38.8015	5.231077	55.96743	22.21605	33.75138	29.37276	2
1701.705	1705.205	1344.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1702.005	1705.505	1344.505	70.52947	14.39801	70.36427	69.77426	72.90889	0	27.09111	24.02563	3.065481	30.51968	2
1702.01	1705.51	1344.51	71.03688	52.43994	70.76548	66.55279	64.059	0	35.941	25.443	10.498	31.78956	2

1702.015	1705.515	1344.515	69.29045	77.93583	68.01602	64.60575	67.26912	0	32.73088	5.846055	26.88483	31.55899	2
1702.02	1705.52	1344.52	68.75944	41.28636	68.09862	68.24023	71.87133	0	28.12867	6.699294	21.42938	30.466	2
1702.025	1705.525	1344.525	74.27015	76.13956	72.91312	70.25807	63.76265	0	36.23735	24.85334	11.384	31.55879	2
1702.03	1705.53	1344.53	70.43507	93.08577	70.57667	70.02206	51.57556	2.632974	45.79147	23.75114	22.04033	29.08693	2
1702.035	1705.535	1344.535	70.84808	41.52307	70.90708	70.38787	64.31392	0	35.68608	19.653	16.03308	31.04948	2
1702.04	1705.54	1344.54	71.42629	83.15755	71.04868	70.67108	57.09015	1.341251	41.5686	21.98339	19.58522	30.06784	2
1702.045	1705.545	1344.545	71.55609	71.12672	70.58847	69.47925	64.45478	0	35.54522	6.241573	29.30364	31.2481	2
1702.05	1705.55	1344.55	76.07559	87.1539	75.80418	74.78936	51.02261	2.801884	46.17551	24.82575	21.34976	29.57262	2
1702.055	1705.555	1344.555	75.72158	91.10848	74.90736	79.35605	54.59808	1.913557	43.48837	12.79876	30.68961	28.92148	2
1702.06	1705.56	1344.56	72.87772	87.29314	73.56214	75.04897	46.52335	3.779676	49.69698	26.77988	22.9171	28.48268	2
1702.065	1705.565	1344.565	70.58847	91.2895	70.16367	69.10164	56.25881	1.664789	42.0764	30.49653	11.57987	29.82885	2
1702.07	1705.57	1344.57	71.10768	142.3509	69.17244	68.72404	55.13012	2.915449	41.95443	24.9726	16.98183	28.39426	2
1702.075	1705.575	1344.575	73.37333	140.9863	72.97212	74.35275	41.48722	5.58424	52.92854	19.52369	33.40486	27.0223	2
1702.08	1705.58	1344.58	72.51191	94.11618	72.68892	73.89254	49.14114	3.23999	47.61886	34.27763	13.34123	28.60238	2
1702.085	1705.585	1344.585	73.19633	134.219	73.63294	74.51795	36.79467	6.587206	56.61812	34.85339	21.76473	27.10451	2
1702.09	1705.59	1344.59	70.51767	114.2093	71.29649	72.40571	41.44926	5.093957	53.45679	36.25818	17.19861	27.51028	2
1702.095	1705.595	1344.595	66.9658	114.1397	66.9658	66.50559	50.76965	3.175823	46.05452	21.8872	24.16732	28.26701	2
1702.1	1705.6	1344.6	63.72073	98.83661	63.03632	62.69411	62.76267	0.875802	36.36152	11.95818	24.40334	30.07999	2
1702.105	1705.605	1344.605	66.36399	124.4439	64.91256	62.91832	60.07829	1.99418	37.92753	22.63475	15.29278	29.4716	2
1702.11	1705.61	1344.61	64.51135	100.5772	64.12194	66.67079	59.32779	1.413943	39.25827	17.0645	22.19377	28.9843	2
1702.115	1705.615	1344.615	65.04236	118.9437	65.51437	67.56761	47.71858	3.748391	48.53303	19.81339	28.71964	27.29235	2
1702.12	1705.62	1344.62	64.97156	154.9387	65.67957	56.97099	37.24388	6.452244	56.30387	29.92225	26.38162	27.93584	2
1702.125	1705.625	1344.625	64.80636	70.75075	64.88896	65.92738	62.61631	0	37.38369	15.03975	22.34394	30.57392	2
1702.13	1705.63	1344.63	64.65295	98.07076	64.26354	66.71799	59.80407	1.263411	38.93252	23.05697	15.87555	29.14997	2
1702.135	1705.635	1344.635	63.09532	144.6067	63.11892	58.04482	46.77458	4.646967	48.57845	22.74225	25.8362	27.7636	2
1702.14	1705.64	1344.64	60.32226	103.5431	59.54345	57.384	65.48191	0.763751	33.75434	19.39105	14.36329	30.55	2
1702.145	1705.645	1344.645	58.89443	88.24002	57.57281	57.1362	74.70565	0	25.29435	11.0661	14.22826	31.43138	2
1702.15	1705.65	1344.65	58.16282	42.70666	57.65541	56.49898	80.08763	0	19.91237	12.01213	7.900243	30.7974	2
1702.155	1705.655	1344.655	61.73829	90.3844	61.41969	58.08022	63.79695	0.456026	35.74703	17.54694	18.20009	30.90034	2
1702.16	1705.66	1344.66	65.78578	149.0068	65.00696	66.34039	49.45325	4.390006	46.15674	15.18216	30.97458	26.86281	2
1702.165	1705.665	1344.665	67.2254	169.9494	65.04236	61.50229	53.94347	4.251991	41.80454	30.986	10.81854	27.81472	2
1702.17	1705.67	1344.67	71.8983	84.96774	72.16971	72.75972	51.18798	2.634363	46.17766	19.04453	27.13313	29.10097	2
1702.175	1705.675	1344.675	68.74764	138.9812	70.74188	70.39967	27.66337	8.170134	64.1665	29.79945	34.36705	27.18474	2
1702.18	1705.68	1344.68	66.54099	178.9308	66.50559	60.88867	35.7554	7.431039	56.81356	31.21923	25.59433	26.86193	2
1702.185	1705.685	1344.685	67.1428	190.516	64.74735	61.36068	50.68848	5.387414	43.92411	16.60609	27.31801	26.90709	2
1702.19	1705.69	1344.69	67.1428	218.3651	66.13978	63.73253	33.15767	8.952861	57.88947	26.36748	31.52199	25.36479	2
1702.195	1705.695	1344.695	64.74735	220.9412	63.68533	57.0418	35.19534	8.811425	55.99324	20.87436	35.11888	25.87306	2
1702.2	1705.7	1344.7	64.46415	185.2804	63.90954	64.81816	40.15337	6.939266	52.90736	30.77637	22.13099	25.40315	2
1702.205	1705.705	1344.705	59.77945	178.8333	60.92408	60.16886	32.85442	7.568938	59.57664	35.05887	24.51778	25.59788	2
1702.21	1705.71	1344.71	59.03604	137.7419	59.01244	56.73499	52.53622	3.611984	43.8518	27.06564	16.78616	27.64852	2
1702.215	1705.715	1344.715	55.53136	83.89555	54.77615	48.35682	74.46134	0	25.53866	18.24217	7.296486	32.22527	2
1702.22	1705.72	1344.72	58.18642	70.54188	56.59339	53.84393	81.74336	0	18.25664	10.52718	7.729462	32.23069	2
1702.225	1705.725	1344.725	66.13978	107.9711	64.07474	59.63785	69.02646	0.160206	30.81333	14.901	15.91232	32.03823	2
1702.23	1705.73	1344.73	68.14582	102.1785	67.89802	68.08682	54.49913	2.238226	43.26264	20.32649	22.93615	28.93928	2
1702.235	1705.735	1344.735	68.46443	83.88162	68.26383	71.13129	58.26805	1.122541	40.60941	12.07153	28.53788	29.43812	2
1702.24	1705.74	1344.74	66.8714	78.36749	66.12798	64.84176	65.27485	0	34.72515	23.21813	11.50702	31.18572	2
1702.245	1705.745	1344.745	72.93672	86.40197	71.8275	71.11948	60.58542	0.611691	38.80289	21.78073	17.02216	30.72667	2
1702.25	1705.75	1344.75	75.92218	100.0341	75.27317	73.53853	50.97319	2.879498	46.14732	13.62092	32.52639	29.41963	2
1702.255	1705.755	1344.755	73.70374	82.54487	72.86592	71.22569	58.70979	0.932886	40.35733	11.49495	28.86238	30.7201	2
1702.26	1705.76	1344.76	73.23173	92.89082	72.78332	72.0163	53.6224	2.226542	44.15106	27.46014	16.69091	29.5479	2
1702.265	1705.765	1344.765	75.48557	75.95854	75.62718	74.51795	51.07388	2.726428	46.19969	21.22457	24.97512	29.79335	2
1702.27	1705.77	1344.77	77.11401	85.3994	77.19661	76.14639	47.74829	3.709947	48.54176	23.28956	25.2522	29.31567	2
1702.275	1705.775	1344.775	76.02839	81.70939	76.6184	77.05501	45.70762	4.20703	50.08535	27.32922	22.75613	28.87542	2
1702.28	1705.78	1344.78	76.524	71.628	77.03141	75.36757	48.33152	3.515611	48.15287	22.13944	26.01343	29.7337	2
1702.285	1705.785	1344.785	73.43233	71.27989	73.39693	72.55911	55.46688	1.544046	42.98908	27.69539	15.29368	30.30266	2
1702.29	1705.79	1344.79	73.49133	97.7505	73.36153	71.9927	49.73832	3.174639	47.08704	17.95498	29.13206	29.11276	2
1702.295	1705.795	1344.795	70.12826	102.276	68.61783	64.31074	62.43705	0.744178	36.81877	16.70186	20.11691	31.14085	2
1702.3	1705.8	1344.8	70.70648	94.99343	70.45867	67.24901	53.88212	2.209604	43.90828	29.48087	14.4274	29.82297	2
1702.305	1705.805	1344.805	73.37333	105.4926	74.49435	75.48557	38.27941	5.977712	55.74288	35.86127	19.88161	27.74512	2
1702.31	1705.81	1344.81	72.41751	104.2393	72.11071	70.55307	50.52772	3.073082	46.3992	15.07048	31.32872	29.02065	2
1702.315	1705.815	1344.815	75.23777	150.3436	75.11977	74.52975	35.31262	7.16543	57.52195	24.94353	32.57842	27.12269	2
1702.32	1705.82	1344.82	77.81022	95.38332	77.43261	76.39419	48.25829	3.568343	48.17336	33.01264	15.16073	29.20514	2
1702.325	1705.825	1344.825	73.63294	94.52	72.87772	69.99846	55.23678	1.874015	42.88921	18.36078	24.52842	30.14631	2
1702.33	1705.83	1344.83	73.44413	120.2387	72.37031	69.98666	51.65576	3.027616	45.31663	15.18584	30.13079	29.00834	2
1702.335	1705.835	1344.835	72.77152	109.9902	73.00752	72.71252	44.60354	4.479417	50.91705	23.31381	27.60323	28.1594	2
1702.34	1705.84	1344.84	70.89528	91.87433	70.37607	70.76548	56.56664	1.611852	41.82151	12.91497	28.90654	29.60954	2
1702.345	1705.845	1344.845	72.0753	68.30003	71.8393	71.9455	58.99115	0.696468	40.31238	14.73278	25.57961	30.65593	2
1702.35	1705.85	1344.85	73.43233	82.64234	73.42053	73.26713	52.53426	2.35355	45.11219	25.48024	19.63195	29.53453	2
1702.355	1705.855	1344.855	75.13157	107.0382	75.19057	77.14941	44.51846	4.562973	50.91857	35.15016	15.76841	27.93189	2
1702.36	1705.86	1344.86	77.83382	143.1028	77.01961	76.8072	40.07218	5.842421	54.0854	23.09596	30.98944	27.49314	2
1702.365	1705.865	1344.865	77.83382	139.4128	77.75122	78.05803	35.29514	7.202221	57.50264	31.70637	25.79627	27.32532	2
1702.37	1705.87	1344.87	75.28497	164.853	75.50918	79.23805	29.10581	8.835956	62.05823	39.8362	22.22204	26.09692	2
1702.375	1705.875	1344.875	70.69468	136.8228	70.50587	67.99242	43.313	5.122694	51.56431	21.38059	30.18372	27.75704	2

1702.38	1705.88	1344.88	69.42025	88.35141	68.64143	68.45263	60.78815	0.7605	38.45135	17.02515	21.4262	30.36852	2
1702.385	1705.885	1344.885	67.0012	76.68262	66.9894	64.07474	59.89315	0.638185	39.46866	25.65716	13.81151	30.84355	2
1702.39	1705.89	1344.89	67.1074	161.2744	67.0484	58.91803	39.69004	6.304588	54.00537	27.64274	26.36262	27.83797	2
1702.395	1705.895	1344.895	70.80088	242.4407	70.14006	63.17792	21.31384	11.54151	67.14465	37.17442	29.97023	26.58121	2
1702.4	1705.9	1344.9	67.46141	127.4934	67.44961	70.49407	47.17356	4.1485	48.67794	22.72829	25.94965	27.00302	2
1702.405	1705.905	1344.905	70.12826	127.744	70.68288	72.32311	40.2697	5.549106	54.18119	26.00947	28.17172	27.03115	2
1702.41	1705.91	1344.91	68.41723	162.7922	69.95126	58.87083	25.7717	8.960238	65.26806	48.23326	17.0348	28.70836	2
1702.415	1705.915	1344.915	68.61783	177.5801	67.73282	69.00724	40.75611	6.528937	52.71496	22.5086	30.20635	25.83615	2
1702.42	1705.92	1344.92	66.56459	185.9905	64.78275	56.06238	47.56011	5.774531	46.66536	29.33613	17.32924	27.68619	2
1702.425	1705.925	1344.925	67.30801	150.1208	68.21663	71.46169	34.7056	6.899469	58.39493	28.17522	30.21971	25.97843	2
1702.43	1705.93	1344.93	69.45565	142.5319	69.65625	66.9894	40.05339	5.850736	54.09587	24.36017	29.7357	27.43515	2
1702.435	1705.935	1344.935	66.8242	120.4058	67.53221	70.83628	43.89643	4.508908	51.59466	16.69197	34.90269	26.87489	2
1702.44	1705.94	1344.94	66.00998	131.9492	66.06898	69.58545	46.88184	4.289538	48.82862	29.48696	19.34166	26.69185	2
1702.445	1705.945	1344.945	69.56185	101.5798	69.17244	70.28167	54.43871	2.235701	43.32559	13.95211	29.37348	28.86681	2
1702.45	1705.95	1344.95	66.42299	142.3927	65.93918	61.19548	48.18135	4.382372	47.43628	25.05171	22.38457	28.08429	2
1702.455	1705.955	1344.955	60.80607	137.6165	59.02424	50.51626	64.56444	2.204023	33.23154	10.28509	22.94644	30.67028	2
1702.46	1705.96	1344.96	58.36342	78.21432	58.12742	55.99157	69.20682	0	30.79318	5.95986	24.83332	30.92823	2
1702.465	1705.965	1344.965	58.42242	64.58217	57.67901	53.98553	76.38395	0	23.61605	6.512771	17.10327	31.46788	2
1702.47	1705.97	1344.97	60.31046	108.8345	59.69685	51.36588	62.93193	1.269265	35.7988	21.92449	13.87431	31.07521	2
1702.475	1705.975	1344.975	63.80333	98.01507	63.29592	63.22512	61.51372	1.021041	37.46524	11.07693	26.38831	29.83666	2
1702.48	1705.98	1344.98	62.74131	134.6785	61.9861	56.91199	55.53872	3.117563	41.34371	26.86325	14.48046	28.84908	2
1702.485	1705.985	1344.985	58.72923	60.41872	58.33982	55.50776	74.36569	0	25.63431	20.07354	5.560771	30.97889	2
1702.49	1705.99	1344.99	62.84751	72.57487	62.1041	59.67325	70.37864	0	29.62136	10.26641	19.35495	31.17082	2
1702.495	1705.995	1344.995	64.33435	62.85552	64.08654	63.70893	67.52186	0	32.47814	10.22568	22.25247	30.59389	2
1702.5	1706	1345	61.18368	54.59825	60.46387	58.19822	76.0768	0	23.9232	7.000762	16.92244	31.02421	2
1702.505	1706.005	1345.005	65.20756	80.60935	64.53495	61.73829	65.71434	0	34.28566	6.694565	27.5911	31.4218	2
1702.51	1706.01	1345.01	70.83628	89.93881	71.20209	66.9658	50.23042	2.868573	46.901	32.6257	14.27531	29.71326	2
1702.515	1706.015	1345.015	74.63596	81.5423	75.39117	74.78936	45.74876	4.073161	50.17808	22.15335	28.02472	29.00785	2
1702.52	1706.02	1345.02	73.99874	151.2626	76.18179	78.37663	18.397	11.42657	70.17642	48.09216	22.08427	27.34636	2
1702.525	1706.025	1345.025	73.12553	132.0049	73.19633	71.9101	40.23061	5.759841	54.00955	22.32285	31.6867	27.6403	2
1702.53	1706.03	1345.03	72.15791	151.2626	72.59452	72.59452	33.62545	7.457987	58.91656	32.67439	26.24217	26.81943	2
1702.535	1706.035	1345.035	68.34643	116.7993	68.52343	62.64691	47.48407	3.852241	48.66368	22.6143	26.04938	28.987	2
1702.54	1706.04	1345.04	64.55855	80.12199	63.96854	62.68231	65.78921	0	34.21079	7.781396	26.4294	31.10143	2
1702.545	1706.045	1345.045	65.03056	106.8432	63.75613	57.1716	64.19262	0.899342	34.90803	15.07086	19.83718	31.38092	2
1702.55	1706.05	1345.05	62.82391	81.65369	61.9389	59.44905	69.3007	0	30.6993	13.12132	17.57798	31.34646	2
1702.555	1706.055	1345.055	65.53797	85.13484	64.40515	64.93616	67.88182	0	32.11818	14.1501	17.96808	30.90208	2
1702.56	1706.06	1345.06	69.32585	174.823	65.80938	62.48171	61.16571	2.967677	35.86661	16.13573	19.73088	28.88701	2
1702.565	1706.065	1345.065	76.00479	166.886	73.30253	69.82146	50.63167	3.532216	45.83612	17.00315	28.83297	28.26943	2
1702.57	1706.07	1345.07	79.83986	167.3037	78.23503	75.63898	38.49728	6.067004	55.43572	22.8522	32.58352	27.53466	2
1702.575	1706.075	1345.075	81.5863	162.5415	80.46528	80.86649	34.29348	7.224778	58.48174	30.49652	27.98522	27.08923	2
1702.58	1706.08	1345.08	79.02565	217.4322	77.44441	73.99874	26.93236	9.39203	63.67561	31.16394	32.51166	26.67619	2
1702.585	1706.085	1345.085	75.36757	150.0094	74.55336	76.01659	40.66973	5.823337	53.50693	19.77235	33.73458	26.89965	2
1702.59	1706.09	1345.09	66.9894	96.81755	65.12496	62.91832	69.3893	0	30.6107	10.5583	20.05239	31.6167	2
1702.595	1706.095	1345.095	67.31981	74.14835	66.13978	65.98638	69.26707	0	30.73293	17.88938	12.84356	30.87621	2
1702.6	1706.1	1345.1	66.63539	63.49605	66.38759	66.55279	65.24988	0	34.75012	16.29092	18.4592	30.6907	2
1702.605	1706.105	1345.105	67.36701	73.92555	67.013	67.43781	62.87592	0.064142	37.05993	11.57484	25.4851	30.83404	2
1702.61	1706.11	1345.11	67.86262	108.3749	67.0366	63.52013	57.74129	1.840599	40.41811	17.94731	22.4708	29.89714	2
1702.615	1706.115	1345.115	66.13978	91.95788	66.25778	68.13402	55.98308	1.686415	42.33051	13.46186	28.86865	28.94157	2
1702.62	1706.12	1345.12	68.83024	57.14645	68.09862	68.06322	68.51676	0	31.48324	15.37898	16.10426	30.68813	2
1702.625	1706.125	1345.125	71.39089	49.16767	71.33189	71.40269	62.87907	0	37.12093	6.96667	30.15426	31.12586	2
1702.63	1706.13	1345.13	68.51163	122.7451	68.02782	67.59121	51.01451	3.361178	45.62431	15.14893	30.47538	28.17427	2
1702.635	1706.135	1345.135	68.48803	64.52647	67.1074	66.29319	72.07548	0	27.92452	6.988417	20.93611	30.88715	2
1702.64	1706.14	1345.14	67.34341	60.66936	66.59999	65.80938	69.12355	0	30.87645	21.12247	9.753981	30.80603	2
1702.645	1706.145	1345.145	68.08682	65.86323	67.54401	65.72677	65.62801	0	34.37199	22.84402	11.52797	31.16264	2
1702.65	1706.15	1345.15	73.04292	78.2004	73.26713	74.51795	52.13843	2.381547	45.48003	32.59405	12.88597	29.29974	2
1702.655	1706.155	1345.155	74.77756	98.90624	74.43535	74.98996	49.92144	3.151481	46.92708	15.71645	31.21063	28.82675	2
1702.66	1706.16	1345.16	75.89858	92.01357	75.55638	74.95456	50.55812	2.944236	46.49764	15.94137	30.55627	29.32526	2
1702.665	1706.165	1345.165	70.18727	94.50607	69.49105	67.56761	57.95291	1.407429	40.63966	16.19523	24.44443	30.13155	2
1702.67	1706.17	1345.17	69.66806	70.80645	70.15187	67.28441	55.0207	1.485125	43.49417	25.43911	18.05507	30.40757	2
1702.675	1706.175	1345.175	66.69439	64.38722	66.8242	66.05718	62.05348	0	37.94652	14.48695	23.45957	31.01057	2
1702.68	1706.18	1345.18	68.20482	72.95083	67.34341	67.89802	66.27345	0	33.72655	11.17929	22.54727	30.78709	2
1702.685	1706.185	1345.185	71.9337	127.9529	73.19633	72.0871	33.07104	7.2692	59.65976	41.6788	17.98096	27.53402	2
1702.69	1706.19	1345.19	71.8629	137.3938	72.45291	68.60603	36.06425	6.70759	57.22816	34.87476	22.3534	27.82391	2
1702.695	1706.195	1345.195	70.24627	112.4548	69.99846	66.55279	50.07985	3.301864	46.61828	25.66689	20.95139	28.99277	2
1702.7	1706.2	1345.2	69.40845	90.76036	68.55883	64.11014	60.76475	0.821141	38.4141	15.20763	23.20648	31.08959	2
1702.705	1706.205	1345.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1703.005	1706.505	1345.505	78.49464	62.7302	77.42081	75.45017	60.92635	0	39.07365	11.48218	27.59148	31.89357	2
1703.01	1706.51	1345.51	79.34425	87.39062	78.67164	77.03141	51.06751	2.740875	46.19161	16.56605	29.62556	29.88047	2
1703.015	1706.515	1345.515	75.56818	76.89149	75.04897	74.89556	55.89342	1.498096	42.60848	22.08699	20.52149	30.24178	2
1703.02	1706.52	1345.52	74.56516	109.0016	74.55336	70.50587	45.11313	4.411076	50.47579	26.45069	24.0251	29.00521	2
1703.025	1706.525	1345.525	73.39693	119.7513	71.42629	67.93342	58.76747	1.490611	39.74192	19.67689	20.06504	30.20346	2
1703.03	1706.53	1345.53	72.35851	72.68627	72.27591	73.12553	56.48026	1.311089	42.20865	20.719	21.48965	30.03757	2
1703.035	1706.535	1345.535	70.12826	57.13252	69.85686	69.39665	63.75932	0	36.24068	13.66374	22.57694	31.06539	2

1703.04	1706.54	1345.54	74.78936	93.40603	74.94276	73.63294	47.40065	3.735532	48.86381	34.24375	14.62006	29.03435	2
1703.045	1706.545	1345.545	67.74462	76.98896	67.2018	66.04538	63.25041	0.078821	36.67077	13.99754	22.67323	31.14183	2
1703.05	1706.55	1345.55	63.86234	57.55026	63.69713	63.69713	68.59982	0	31.40018	17.17613	14.22405	30.39577	2
1703.055	1706.555	1345.555	62.67051	58.24649	62.38731	61.20728	70.44233	0	29.55767	4.97598	24.58169	30.5988	2
1703.06	1706.56	1345.56	60.45207	86.2488	59.94466	59.09504	67.44432	0	32.55568	20.70343	11.85225	30.96217	2
1703.065	1706.565	1345.565	60.15706	72.35208	59.42544	58.42242	72.81632	0	27.18368	12.48244	14.70124	30.92441	2
1703.07	1706.57	1345.57	69.31405	199.6644	67.1546	62.2457	44.64797	6.374761	48.97726	26.77094	22.20633	26.66616	2
1703.075	1706.575	1345.575	65.05416	124.9173	63.53193	60.66447	61.71747	1.847056	36.43548	17.64031	18.79516	29.78347	2
1703.08	1706.58	1345.58	63.05992	135.4722	60.97128	56.82939	65.38759	1.869196	32.74321	12.64825	20.09496	30.25375	2
1703.085	1706.585	1345.585	67.35521	172.4837	66.52919	63.09532	42.69379	6.104677	51.20153	23.66914	27.53239	26.80948	2
1703.09	1706.59	1345.59	62.2221	145.5118	60.20426	57.78521	63.18009	2.582961	34.23695	23.70721	10.52974	29.19201	2
1703.095	1706.595	1345.595	52.13289	91.30342	49.89085	47.3892	87.31817	0	12.68183	8.205081	4.476753	33.97851	2
1703.1	1706.6	1345.6	67.50861	158.0439	67.0366	61.40789	43.30353	5.608853	51.08762	35.07995	16.00767	27.6096	2
1703.105	1706.605	1345.605	63.87414	138.9394	63.15432	62.69411	53.19103	3.561465	43.24751	23.12915	20.11835	27.68165	2
1703.11	1706.61	1345.61	68.09862	127.7858	67.33161	64.74735	52.36948	3.259172	44.37135	19.63294	24.73842	28.56181	2
1703.115	1706.615	1345.615	59.55525	110.6725	57.4784	53.43092	74.52196	0.088299	25.38974	17.63398	7.755768	32.65193	2
1703.12	1706.62	1345.62	61.59669	127.2567	60.48747	57.1952	61.13141	2.166456	36.70213	23.92718	12.77496	29.43854	2
1703.125	1706.625	1345.625	57.62001	109.8649	55.67297	52.80551	75.49185	0.072871	24.43528	12.27388	12.16139	32.54752	2
1703.13	1706.63	1345.63	62.1749	127.0617	60.07446	57.79701	68.32859	1.259194	30.41222	17.38313	13.02909	30.65657	2
1703.135	1706.635	1345.635	60.79427	99.46322	59.22484	56.75859	72.16227	0	27.83773	7.391727	20.446	31.92594	2
1703.14	1706.64	1345.64	67.70921	150.8588	67.0366	63.68533	46.41245	4.889257	48.6983	28.83028	19.86802	27.56591	2
1703.145	1706.645	1345.645	61.8917	100.062	60.62907	58.42242	68.62999	0.207736	31.16227	21.21595	9.946319	31.40144	2
1703.15	1706.65	1345.65	62.1867	168.2645	61.32528	57.91501	48.74421	5.224295	46.0315	29.36766	16.66384	26.91414	2
1703.155	1706.655	1345.655	63.03632	232.6935	63.37853	52.80551	23.04265	10.92936	66.02799	38.93708	27.09091	26.8084	2
1703.16	1706.66	1345.66	59.85025	133.9265	57.96221	53.77313	67.15985	1.82359	31.01656	16.05288	14.96369	30.39406	2
1703.165	1706.665	1345.665	63.62633	126.4351	61.73829	59.02424	65.49878	1.480744	33.02048	14.58121	18.43927	30.29434	2
1703.17	1706.67	1345.67	61.67929	143.1028	61.25448	58.42242	51.91644	3.903056	44.18051	32.9981	11.18241	27.71929	2
1703.175	1706.675	1345.675	61.64389	120.5589	61.64389	60.44027	54.11236	2.798086	43.08956	30.63894	12.45062	28.24723	2
1703.18	1706.68	1345.68	65.00696	138.4381	65.11316	63.50833	45.86851	4.618186	49.5133	27.70803	21.80528	27.33502	2
1703.185	1706.685	1345.685	62.0333	137.2545	61.57309	60.71167	53.2804	3.513022	43.20658	13.1455	30.06108	27.6785	2
1703.19	1706.69	1345.69	56.97099	168.8354	55.25996	49.38344	59.98903	4.203065	35.8079	14.28656	21.52135	28.25278	2
1703.195	1706.695	1345.695	58.75283	134.1076	57.2542	54.04453	65.10776	2.103897	32.78835	16.98869	15.79966	29.72059	2
1703.2	1706.7	1345.7	63.66173	136.419	62.80031	58.84723	55.09379	3.21758	41.68863	17.65697	24.03166	28.60109	2
1703.205	1706.705	1345.705	67.1546	114.5435	66.7534	64.32255	53.60759	2.712313	43.68009	29.0457	14.6344	28.93617	2
1703.21	1706.71	1345.71	60.52287	149.3271	60.68807	60.92408	46.90147	4.75191	48.34662	30.08209	18.26452	26.48903	2
1703.215	1706.715	1345.715	56.46358	77.11428	56.43998	58.63483	69.57475	0	30.42525	10.83165	19.5936	29.96378	2
1703.22	1706.72	1345.72	62.54071	94.60354	62.94192	63.07172	56.45913	1.592333	41.94854	11.42861	30.51993	29.02889	2
1703.225	1706.725	1345.725	52.1683	74.62178	51.97949	51.88509	75.40993	0	24.59007	19.64623	4.94384	30.60901	2
1703.23	1706.73	1345.73	42.4567	52.85768	41.89028	39.94324	92.53797	0	7.462028	7.462028	0	33.12507	2
1703.235	1706.735	1345.735	52.3099	157.097	52.5577	48.62822	51.93692	4.428774	43.6343	23.75165	19.88266	26.8884	2
1703.24	1706.74	1345.74	52.3453	98.18216	52.06209	51.25968	70.27709	0.121667	29.60125	9.464674	20.13657	30.84621	2
1703.245	1706.745	1345.745	48.00281	64.28975	47.7668	47.3774	82.10833	0	17.89167	11.2393	6.652363	31.10458	2
1703.25	1706.75	1345.75	53.36012	75.90284	53.08871	53.08871	74.64359	0	25.35641	14.43515	10.92125	30.62378	2
1703.255	1706.755	1345.755	57.0772	71.86472	56.84119	57.91501	71.92676	0	28.07324	13.20496	14.86828	30.25211	2
1703.26	1706.76	1345.76	62.0687	56.45022	62.0333	63.35493	69.5102	0	30.4898	24.17243	6.317374	30.00766	2
1703.265	1706.765	1345.765	66.9658	55.93501	67.1782	66.8242	63.20906	0	36.79094	15.53069	21.26025	30.7914	2
1703.27	1706.77	1345.77	61.9979	52.80198	62.52891	62.50531	66.06852	0	33.93148	16.46119	17.47029	30.07441	2
1703.275	1706.775	1345.775	61.72649	48.88917	61.9625	63.01272	69.55141	0	30.44859	14.48873	15.95986	29.85073	2
1703.28	1706.78	1345.78	58.85903	46.43845	59.09504	59.74405	72.78255	0	27.21745	12.87994	14.33752	29.78386	2
1703.285	1706.785	1345.785	62.41091	41.27243	62.71771	63.61453	70.21629	0	29.78371	23.51034	6.273372	29.80216	2
1703.29	1706.79	1345.79	60.48747	58.88702	60.15706	59.40184	72.66153	0	27.33847	9.948926	17.38955	30.51432	2
1703.295	1706.795	1345.795	60.29866	73.50782	60.51107	60.22786	65.0902	0	34.9098	9.808847	25.10095	30.42834	2
1703.3	1706.8	1345.8	58.28082	75.77752	58.43422	58.63483	66.85461	0	33.14539	6.778397	26.36699	30.27414	2
1703.305	1706.805	1345.805	57.50201	53.09439	57.4548	56.55799	74.61512	0	25.38488	6.042021	19.34286	30.32385	2
1703.31	1706.81	1345.81	53.15952	79.46753	52.1801	51.74349	79.45261	0	20.54739	15.93994	4.607448	31.55791	2
1703.315	1706.815	1345.815	52.84091	49.25121	52.14469	52.80551	84.86323	0	15.13677	15.13677	0	31.20073	2
1703.32	1706.82	1345.82	50.87027	37.48495	50.39826	51.37768	87.78607	0	12.21393	12.21393	0	31.20055	2
1703.325	1706.825	1345.825	53.66693	53.12224	53.50172	50.88207	79.05117	0	20.94883	13.53337	7.41546	30.93471	2
1703.33	1706.83	1345.83	53.31292	57.0072	52.93531	51.90869	80.08283	0	19.91717	13.15234	6.764832	30.93045	2
1703.335	1706.835	1345.835	54.78795	59.65287	54.51654	52.1801	77.26249	0	22.73751	9.348547	13.38897	30.93063	2
1703.34	1706.84	1345.84	57.65541	67.04682	57.50201	58.56403	71.92057	0	28.07943	22.66545	5.413984	30.14436	2
1703.345	1706.845	1345.845	58.75283	77.69911	60.60547	62.0215	52.78627	1.228402	45.98533	18.32079	27.66454	28.5652	2
1703.35	1706.85	1345.85	60.60547	78.67383	60.99488	61.9743	62.18599	0.209903	37.60411	17.80112	19.80299	30.03895	2
1703.355	1706.855	1345.855	60.69987	61.72763	60.62907	60.19246	69.76674	0	30.23326	7.129584	23.10367	30.35916	2
1703.36	1706.86	1345.86	58.30442	101.2177	58.96524	60.73527	56.74394	1.652499	41.60356	17.34411	24.25945	28.31847	2
1703.365	1706.865	1345.865	60.44027	106.1052	61.64389	64.21634	49.3894	2.836259	47.77435	24.52132	23.25302	27.37585	2
1703.37	1706.87	1345.87	57.0536	80.31693	56.51078	55.54316	72.28078	0	27.71922	18.51265	9.206571	30.9347	2
1703.375	1706.875	1345.875	58.22182	122.6755	58.43422	58.11562	55.10233	2.702686	42.19499	31.18659	11.0084	27.9138	2
1703.38	1706.88	1345.88	49.10023	59.444	48.43942	46.39798	85.56364	0	14.43636	3.962475	10.47388	32.0343	2
1703.385	1706.885	1345.885	53.65513	73.29895	52.3217	50.12685	83.233	0	16.767	16.62286	0.144139	32.3604	2
1703.39	1706.89	1345.89	58.29262	94.11618	58.09202	56.98279	65.14935	0.433807	34.41684	25.9885	8.428337	30.39025	2
1703.395	1706.895	1345.895	47.24759	37.16468	46.89359	46.75198	90.28192	0	9.718084	9.718084	0	31.76695	2
1703.4	1706.9	1345.9	48.53382	42.72059	48.69902	50.43366	83.73018	0	16.26982	13.03828	3.231542	30.17758	2

1703.405	1706.905	1345.905	52.08569	80.5258	51.77889	48.67542	74.97167	0	25.02833	22.65389	2.374441	31.32315	2
1703.41	1706.91	1345.91	55.31896	89.45145	55.49596	55.35436	66.08753	0.106758	33.80572	15.81121	17.99451	30.31208	2
1703.415	1706.915	1345.915	56.72319	81.41697	56.90019	57.4784	66.73998	0	33.26002	23.52527	9.734754	30.22832	2
1703.42	1706.92	1345.92	55.66117	42.3307	55.94437	57.73801	76.35285	0	23.64715	23.20957	0.437574	29.51877	2
1703.425	1706.925	1345.925	56.21578	43.59784	56.25118	56.20398	77.45645	0	22.54355	11.49312	11.05043	30.09704	2
1703.43	1706.93	1345.93	57.76161	49.46008	57.98581	57.384	73.15239	0	26.84761	8.292888	18.55472	30.03089	2
1703.435	1706.935	1345.935	51.03547	39.92175	50.63426	48.75803	86.49567	0	13.50433	9.728896	3.775437	31.53791	2
1703.44	1706.94	1345.94	54.92955	48.22079	54.49294	53.31292	81.1791	0	18.8209	9.568098	9.252802	30.93569	2
1703.445	1706.945	1345.945	50.24486	67.18606	48.92323	46.39798	87.75832	0	12.24168	12.24168	0	33.02993	2
1703.45	1706.95	1345.95	46.42158	51.04748	45.26515	43.64852	93.90094	0	6.099058	2.867692	3.231366	33.63206	2
1703.455	1706.955	1345.955	47.4954	89.38183	46.25637	46.32718	84.27628	0	15.72372	13.09334	2.630385	32.56017	2
1703.46	1706.96	1345.96	46.89359	87.9476	45.89057	46.27997	83.34799	0	16.65201	9.039406	7.612604	32.19467	2
1703.465	1706.965	1345.965	49.45424	107.3306	47.95561	45.28875	80.14248	0	19.85752	11.54481	8.312712	33.06487	2
1703.47	1706.97	1345.97	47.20039	70.52796	45.79616	44.08513	90.39065	0	9.609354	9.609354	0	33.56532	2
1703.475	1706.975	1345.975	53.72593	87.48809	52.87631	51.67269	75.98456	0	24.01544	3.866244	20.14919	31.48714	2
1703.48	1706.98	1345.98	47.96741	86.94503	46.49238	44.47454	86.26077	0	13.73923	13.73923	0	33.32673	2
1703.485	1706.985	1345.985	51.61368	88.97802	50.25666	50.63426	81.4997	0	18.5003	12.54606	5.954245	32.08597	2
1703.49	1706.99	1345.99	51.46028	78.61814	50.56346	50.51626	80.5813	0	19.4187	19.4187	0	31.56346	2
1703.495	1706.995	1345.995	50.26846	60.30732	50.05605	48.74623	80.80478	0	19.19522	8.447667	10.74755	31.01759	2
1703.5	1707	1346	49.40704	65.71006	48.87603	46.82279	82.75903	0	17.24097	17.18263	0.058345	31.7063	2
1703.505	1707.005	1346.005	56.65239	90.74644	56.08598	53.91473	70.30886	0	29.69114	10.84238	18.84876	31.29309	2
1703.51	1707.01	1346.01	56.45178	94.22758	56.85299	56.09778	62.15192	0.725326	37.12275	16.59701	20.52574	29.66084	2
1703.515	1707.015	1346.015	50.53986	82.29422	49.73745	46.95259	79.80685	0	20.19315	8.924228	11.26892	32.02267	2
1703.52	1707.02	1346.02	49.47784	91.16418	48.22701	46.75198	82.11256	0	17.88744	4.204158	13.68329	32.5479	2
1703.525	1707.025	1346.025	50.72867	59.444	50.37466	49.54864	81.68774	0	18.31226	13.69418	4.618081	31.09682	2
1703.53	1707.03	1346.03	52.79371	71.69762	52.5341	53.38372	76.0909	0	23.9091	9.959927	13.94917	30.46604	2
1703.535	1707.035	1346.035	55.73197	75.66613	55.64937	56.22758	71.05555	0	28.94445	5.609708	23.33474	30.28008	2
1703.54	1707.04	1346.04	50.06785	77.19783	48.89963	47.21219	84.30944	0	15.69056	4.577466	11.1131	32.49103	2
1703.545	1707.045	1346.045	54.25694	76.34843	53.85573	53.04151	74.71666	0	25.28334	16.36538	8.917963	30.86175	2
1703.55	1707.05	1346.05	59.13044	81.16633	59.01244	59.73225	66.87226	0	33.12774	16.93658	16.19116	30.40779	2
1703.555	1707.055	1346.055	52.92351	99.4493	51.67269	50.24486	76.93754	0	23.06246	15.36137	7.70109	32.09104	2
1703.56	1707.06	1346.06	57.3722	94.77064	57.089	54.42214	66.47792	0.318411	33.20366	9.481155	23.72251	30.85049	2
1703.565	1707.065	1346.065	55.15376	76.3902	54.88235	54.02093	72.87551	0	27.12449	9.953079	17.17141	30.71357	2
1703.57	1707.07	1346.07	58.25722	62.10359	58.24542	57.73801	71.46574	0	28.53426	7.47642	21.05784	30.29085	2
1703.575	1707.075	1346.075	59.10684	65.82145	59.28384	60.85327	68.32114	0	31.67886	21.24259	10.43627	29.88089	2
1703.58	1707.08	1346.08	61.54949	72.04574	62.1749	63.04812	61.09245	0.143791	38.76376	24.51977	14.24399	30.10584	2
1703.585	1707.085	1346.085	64.28714	66.67085	64.99516	65.80938	59.23437	0.359802	40.40583	27.14515	13.26068	30.12224	2
1703.59	1707.09	1346.09	62.62331	64.77711	63.10712	62.1277	62.96097	0	37.03903	19.82144	17.21759	30.58258	2
1703.595	1707.095	1346.095	57.87961	52.85768	58.63483	59.49625	68.10628	0	31.89372	9.39826	22.49546	29.49436	2
1703.6	1707.1	1346.1	53.01791	43.52821	53.31292	53.66693	78.4034	0	21.5966	20.39449	1.202113	29.86967	2
1703.605	1707.105	1346.105	47.7196	46.59162	48.14441	48.41582	81.53052	0	18.46948	15.20492	3.264553	30.07624	2
1703.61	1707.11	1346.11	53.64333	88.60205	53.34832	52.86451	71.49274	0	28.50726	5.899257	22.608	30.8191	2
1703.615	1707.115	1346.115	58.59943	115.9778	58.39882	62.62331	59.57659	1.941632	38.48178	11.315	27.16678	27.88673	2
1703.62	1707.12	1346.12	63.64993	75.09522	64.58215	66.9894	56.04432	1.065887	42.88979	16.3268	26.56299	29.11567	2
1703.625	1707.125	1346.125	61.32528	71.92042	61.79729	61.52589	62.51792	0	37.48208	20.31724	17.16484	30.46985	2
1703.63	1707.13	1346.13	53.98553	42.80414	54.13894	54.05633	78.78583	0	21.21417	8.390908	12.82326	30.07233	2
1703.635	1707.135	1346.135	54.91775	47.85876	54.55194	53.37192	80.72886	0	19.27114	5.80569	13.46545	30.84423	2
1703.64	1707.14	1346.14	56.95919	48.23472	57.0536	55.51956	75.19312	0	24.80688	3.99481	20.81207	30.30276	2
1703.645	1707.145	1346.145	56.28658	45.25486	56.51078	57.3486	75.52708	0	24.47292	13.74898	10.72393	29.74633	2
1703.65	1707.15	1346.15	57.00639	57.56418	57.148	59.26024	72.52616	0	27.47384	17.21406	10.25978	29.65025	2
1703.655	1707.155	1346.155	57.2896	47.66381	57.4548	59.60245	74.4786	0	25.5214	16.41103	9.110374	29.55548	2
1703.66	1707.16	1346.16	50.45726	25.24525	50.36286	50.91747	88.20159	0	11.79841	8.402897	3.395518	30.84868	2
1703.665	1707.165	1346.165	50.42186	38.3065	49.96165	50.43366	87.90834	0	12.09166	9.851639	2.240021	31.32293	2
1703.67	1707.17	1346.17	58.23362	97.08212	58.35162	56.75859	62.01668	0.896228	37.08709	13.91884	23.16826	29.83405	2
1703.675	1707.175	1346.175	59.02424	65.2227	58.87083	59.75585	71.10268	0	28.89732	20.08084	8.816474	30.15917	2
1703.68	1707.18	1346.18	54.57554	73.09008	53.73773	51.51928	78.59578	0	21.40422	7.585068	13.81915	31.57681	2
1703.685	1707.185	1346.185	52.97071	60.89216	52.3217	50.51626	81.5609	0	18.4391	18.4391	0	31.45897	2
1703.69	1707.19	1346.19	54.44574	56.18565	53.84393	52.92351	80.97704	0	19.02296	15.50589	3.51707	31.10606	2
1703.695	1707.195	1346.195	50.85847	43.48644	50.42186	50.89387	86.07021	0	13.92979	5.096989	8.832801	31.1375	2
1703.7	1707.2	1346.2	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1704.025	1707.525	1346.525	94.74357	17.04368	94.62557	93.64615	49.62586	6.455841	43.9183	17.21014	26.70815	31.14758	2
1704.03	1707.53	1346.53	91.4041	95.82891	89.13846	88.13543	50.27639	0.755167	48.96844	29.40499	19.56345	30.46104	2
1704.035	1707.535	1346.535	87.35662	81.01316	85.92879	85.91699	51.0924	2.101931	46.80567	27.37127	19.4344	30.2283	2
1704.04	1707.54	1346.54	99.81767	183.4423	98.81465	94.34236	11.54811	15.72069	72.7312	47.32043	25.41077	29.55354	2
1704.045	1707.545	1346.545	104.3254	125.1958	103.2751	102.2603	21.86249	14.27624	63.86128	45.5566	18.30467	28.7192	2
1704.05	1707.55	1346.55	97.12722	101.0228	97.78803	101.8591	21.07414	18.46721	60.45865	28.35444	32.10421	27.53129	2
1704.055	1707.555	1346.555	98.68485	93.83769	98.87366	99.94748	25.03798	16.49813	58.46388	42.8416	15.62228	28.13409	2
1704.06	1707.56	1346.56	97.52843	192.4376	97.57563	99.72327	3.338142	21.27561	75.38625	69.82975	5.5565	-9999	2
1704.065	1707.565	1346.565	96.92662	149.16	96.44281	95.80559	18.48032	14.80314	66.71655	34.54107	32.17548	28.41659	2
1704.07	1707.57	1346.57	88.43044	144.4953	87.42742	88.54844	31.44954	8.169643	60.38081	28.62477	31.75604	27.63248	2
1704.075	1707.575	1346.575	87.52182	99.82526	87.28582	87.22682	37.15125	7.584027	55.26472	23.65528	31.60945	28.56933	2
1704.08	1707.58	1346.58	82.94333	121.7704	81.09069	75.22597	48.58165	2.799247	48.6191	34.22017	14.39893	29.98777	2
1704.085	1707.585	1346.585	77.04321	62.96692	76.33519	77.63322	59.36937	0.492115	40.13852	14.34305	25.79547	30.91651	2

1704.09	1707.59	1346.59	78.16423	50.42088	78.18783	78.62444	55.70415	1.534192	42.76166	13.88253	28.87912	30.78194	2
1704.095	1707.595	1346.595	80.32367	86.49944	79.80446	79.73366	49.19324	3.302981	47.50378	30.54849	16.95529	29.43228	2
1704.1	1707.6	1346.6	79.26165	92.18067	78.67164	78.76604	49.34415	3.23755	47.4183	19.41319	28.00511	29.24816	2
1704.105	1707.605	1346.605	76.7128	120.1412	74.67136	70.63567	56.17123	1.63455	42.19422	18.85019	23.34404	30.15815	2
1704.11	1707.61	1346.61	77.19661	87.86405	75.85138	71.7567	58.14153	0.886694	40.97177	10.73911	30.23266	31.19957	2
1704.115	1707.615	1346.615	79.23805	122.5084	77.68042	75.70978	49.52561	3.066301	47.40809	15.28405	32.12403	29.06075	2
1704.12	1707.62	1346.62	78.42384	197.339	74.84836	73.12553	47.80394	3.893308	48.30275	23.31606	24.98668	27.22929	2
1704.125	1707.625	1346.625	77.50342	123.0654	74.95456	72.24051	58.66864	0.892708	40.43865	17.17677	23.26188	30.32192	2
1704.13	1707.63	1346.63	77.79842	74.14835	76.524	74.60056	60.35835	0.200041	39.4416	21.69018	17.75143	31.51391	2
1704.135	1707.635	1346.635	83.98175	117.1335	83.08493	80.00507	41.34083	5.352834	53.30634	21.52729	31.77905	28.95431	2
1704.14	1707.64	1346.64	81.14969	82.19675	80.38268	77.99903	51.39504	2.606005	45.99895	19.66177	26.33718	30.26069	2
1704.145	1707.645	1346.645	73.80994	44.15482	73.25533	72.59452	65.70763	0	34.29237	5.730299	28.56207	31.12469	2
1704.15	1707.65	1346.65	72.44111	56.8401	70.78908	69.19605	72.40213	0	27.59787	19.92342	7.674445	30.83689	2
1704.155	1707.655	1346.655	81.05529	118.9019	80.42988	78.44744	41.50182	5.421082	53.0771	33.8983	19.1788	28.54909	2
1704.16	1707.66	1346.66	86.33	135.5557	86.83741	87.39202	23.83949	12.05833	64.10218	46.35648	17.7457	27.81656	2
1704.165	1707.665	1346.665	80.91369	122.2717	79.22625	76.33519	49.04728	2.980789	47.97193	20.67545	27.29648	29.31432	2
1704.17	1707.67	1346.67	75.68618	62.89729	74.76576	73.07833	62.28082	0	37.71918	21.51256	16.20662	31.6341	2
1704.175	1707.675	1346.675	79.35605	73.2154	78.83684	76.9606	53.29819	2.148235	44.55358	24.81366	19.73992	30.48124	2
1704.18	1707.68	1346.68	74.48255	53.49821	73.25533	71.9927	68.04048	0	31.95952	17.46964	14.48988	30.95545	2
1704.185	1707.685	1346.685	70.10466	29.54794	69.42025	68.26383	73.65732	0	26.34268	10.46197	15.88071	30.64334	2
1704.19	1707.69	1346.69	76.40599	80.76252	74.50615	70.38787	64.88571	0	35.11429	14.44701	20.66728	31.4843	2
1704.195	1707.695	1346.695	76.28799	75.09522	74.17575	70.24627	68.01189	0	31.98811	17.87241	14.11569	31.15188	2
1704.2	1707.7	1346.7	73.62114	49.27906	73.19633	72.96032	63.63529	0	36.36471	24.23868	12.12603	31.24214	2
1704.205	1707.705	1346.705	76.40599	60.76683	74.97816	72.12251	66.06659	0	33.93341	19.83639	14.09702	31.31982	2
1704.21	1707.71	1346.71	73.96334	41.80157	73.58574	72.0163	64.76421	0	35.23579	10.82588	24.40991	31.42014	2
1704.215	1707.715	1346.715	68.73584	48.48536	68.20482	65.39637	69.14491	0	30.85509	4.760515	26.09458	31.08635	2
1704.22	1707.72	1346.72	64.19274	47.98408	63.44933	60.94768	75.092	0	24.908	23.03121	1.876788	30.95568	2
1704.225	1707.725	1346.725	66.11618	46.03464	65.24296	63.24872	74.80017	0	25.19983	16.76995	8.429884	30.88091	2
1704.23	1707.73	1346.73	68.21663	42.77629	67.80362	68.16942	70.08966	0	29.91034	11.81629	18.09405	30.40146	2
1704.235	1707.735	1346.735	64.70015	39.76858	63.90954	62.3637	76.97914	0	23.02086	13.02906	9.991797	30.77008	2
1704.24	1707.74	1346.74	58.25722	34.65826	57.2188	55.36616	86.06382	0	13.93618	13.93618	0	31.65371	2
1704.245	1707.745	1346.745	56.54619	30.60621	55.49596	54.15074	88.71002	0	11.28998	11.25212	0.03786	31.89275	2
1704.25	1707.75	1346.75	59.94466	40.49266	58.65843	56.72319	85.01995	0	14.98005	5.249767	9.730284	31.71323	2
1704.255	1707.755	1346.755	65.27836	68.25825	63.79153	60.21606	74.94834	0	25.05166	6.555388	18.49627	31.57433	2
1704.26	1707.76	1346.76	66.8006	45.99286	65.64417	63.44933	76.37546	0	23.62454	15.18826	8.436274	31.01367	2
1704.265	1707.765	1346.765	76.5712	93.43388	76.40599	75.56818	48.22383	3.570984	48.20519	15.24031	32.96488	29.11424	2
1704.27	1707.77	1346.77	72.54731	46.07641	72.0517	71.28469	65.94696	0	34.05304	23.91428	10.13876	31.05717	2
1704.275	1707.775	1346.775	72.62992	56.82618	71.6623	69.53825	66.9276	0	33.0724	21.13088	11.94153	31.21534	2
1704.28	1707.78	1346.78	79.60386	115.8664	78.95485	76.24079	43.75464	4.782348	51.46301	23.65759	27.80542	28.80727	2
1704.285	1707.785	1346.785	80.74848	156.5957	80.01687	76.4886	33.48524	7.616201	58.89856	36.356	22.54256	27.84154	2
1704.29	1707.79	1346.79	76.6774	109.1269	76.01659	71.08408	48.16939	3.627845	48.20276	33.85376	14.349	29.54934	2
1704.295	1707.795	1346.795	75.80418	94.39468	74.98996	73.56214	53.72682	2.150952	44.12223	26.27918	17.84305	29.80252	2
1704.3	1707.8	1346.8	75.28497	153.0728	73.43233	67.33161	48.05215	4.091464	47.85639	32.47938	15.37701	28.71551	4
1704.305	1707.805	1346.805	80.70128	297.1782	77.51522	65.25476	18.5297	11.31386	70.15644	46.8247	23.33174	27.47058	4
1704.31	1707.81	1346.81	79.92247	185.2804	79.86346	76.7482	22.09074	10.99455	66.9147	50.49805	16.41665	27.54685	4
1704.315	1707.815	1346.815	74.98996	177.3016	73.04292	69.32585	43.19181	5.533684	51.27451	26.01412	25.26038	27.34877	4
1704.32	1707.82	1346.82	75.92218	196.0858	72.98392	68.31103	45.47034	5.083189	49.44647	27.65935	21.78712	27.34537	4
1704.325	1707.825	1346.825	83.56874	320.6551	78.88404	74.32915	21.82463	9.095304	69.08006	46.12904	22.95103	25.65426	4
1704.33	1707.83	1346.83	78.48284	223.1413	74.65956	73.01932	43.42601	5.152302	51.42169	16.97495	34.44674	26.32458	4
1704.335	1707.835	1346.835	84.20595	143.7991	82.88433	78.90764	37.97376	5.971255	56.05498	26.11877	29.93622	28.5047	4
1704.34	1707.84	1346.84	85.22077	180.0865	83.39174	78.62444	32.191	7.116759	60.69224	26.98228	33.70996	27.98663	4
1704.345	1707.845	1346.845	87.22682	160.8984	86.02319	81.6335	30.142	8.219295	61.6387	31.09228	30.54642	28.33983	4
1704.35	1707.85	1346.85	83.15573	153.4906	82.45952	80.41808	31.74767	8.152248	60.10008	36.47818	23.6219	27.75953	4
1704.355	1707.855	1346.855	86.90821	85.66397	87.55722	86.70761	34.28391	9.526584	56.1895	28.43711	27.75239	28.72772	4
1704.36	1707.86	1346.86	84.67796	146.6118	84.13515	84.01715	30.823	8.61688	60.56012	36.40177	24.15835	27.59918	4
1704.365	1707.865	1346.865	89.36266	180.0169	90.77869	89.22106	3.248044	20.66145	76.09051	76.09051	0	-9999	4
1704.37	1707.87	1346.87	83.73394	155.1197	83.43894	83.74574	27.71209	9.614291	62.67362	27.34061	35.33301	27.36732	4
1704.375	1707.875	1346.875	74.02234	67.96584	73.65654	72.59452	58.28672	0.854069	40.85921	29.1502	11.70901	30.86695	2
1704.38	1707.88	1346.88	72.55911	62.93907	71.8039	71.7331	63.86728	0	36.13272	18.87081	17.26191	31.0984	2
1704.385	1707.885	1346.885	69.19605	41.73194	68.84204	68.86564	68.98406	0	31.01594	10.5953	20.42064	30.53469	2
1704.39	1707.89	1346.89	74.94276	81.5423	74.22295	71.04868	56.89799	1.300901	41.80111	21.35257	20.44854	30.80064	2
1704.395	1707.895	1346.895	80.32367	96.06562	79.75726	77.07861	47.24403	3.831699	48.92427	24.18264	24.74163	29.52349	2
1704.4	1707.9	1346.9	85.42138	75.23446	85.36238	86.15299	43.66285	5.619685	50.71746	31.36526	19.35221	29.1402	2
1704.405	1707.905	1346.905	88.08823	79.69033	87.92303	89.18566	40.95409	6.742235	52.30367	33.47289	18.83078	28.863	2
1704.41	1707.91	1346.91	90.01167	59.83389	90.17688	88.32424	41.42913	7.713101	50.85777	24.35459	26.50318	29.75929	2
1704.415	1707.915	1346.915	87.27402	89.29828	87.02621	85.98779	40.01821	6.722499	53.25929	25.45647	27.80283	29.05942	2
1704.42	1707.92	1346.92	87.97023	97.70872	87.43922	84.46556	39.53721	6.561367	53.90142	27.42147	26.47995	29.30951	2
1704.425	1707.925	1346.925	90.04707	125.7667	90.08247	87.79323	26.44679	11.64397	61.90925	30.84816	31.06109	28.50448	2
1704.43	1707.93	1346.93	91.1799	128.7884	91.2389	90.80229	24.49045	12.60166	62.90789	33.27772	29.63017	28.18504	2
1704.435	1707.935	1346.935	86.88461	102.1089	87.06161	87.47462	33.98403	8.918971	57.097	29.19251	27.90449	28.27896	2
1704.44	1707.94	1346.94	84.17055	103.8773	83.50974	82.28251	42.54609	5.210451	52.24346	21.08921	31.15425	28.92288	2
1704.445	1707.945	1346.945	96.52541	304.7114	93.62255	89.91727	0	12.31565	87.68435	87.68435	0	-9999	2
1704.45	1707.95	1346.95	100.5021	270.3873	99.49907	99.93568	0	21.9842	78.0158	78.0158	0	-9999	2

1704.455	1707.955	1346.955	103.2869	218.8386	104.1012	108.4319	0	34.78446	65.21554	65.21554	0	-9999	2
1704.46	1707.96	1346.96	97.74083	149.7866	96.51361	93.09154	23.34107	11.0404	65.61854	42.47547	23.14307	28.92926	2
1704.465	1707.965	1346.965	83.07313	102.9444	82.36512	78.32943	44.1473	4.683215	51.16949	23.23166	27.93783	29.52582	2
1704.47	1707.97	1346.97	81.11429	87.07035	80.64228	77.79842	47.9619	3.683855	48.35424	15.03719	33.31705	29.83874	2
1704.475	1707.975	1346.975	83.07313	167.248	79.80446	76.19359	48.43087	2.244274	49.32486	27.96194	21.36292	28.74944	2
1704.48	1707.98	1346.98	86.5306	260.3477	87.20322	90.28308	0	21.18282	78.81718	78.81718	0	-9999	2
1704.485	1707.985	1346.985	100.2071	144.3421	99.73507	97.20982	16.53677	16.82711	66.63612	46.09768	20.53844	28.89584	2
1704.49	1707.99	1346.99	99.61707	100.3962	100.1481	100.5021	19.94109	20.13603	59.92288	40.42074	19.50214	28.15709	2
1704.495	1707.995	1346.995	94.46036	88.8527	93.95295	96.72601	35.52654	9.136098	55.33736	23.54344	31.79392	28.32478	2
1704.5	1708	1347	84.79597	77.86621	83.76934	81.7043	51.1004	2.534556	46.36504	27.63431	18.73074	30.46853	2
1704.505	1708.005	1347.005	81.7515	68.96841	80.87829	78.77784	54.8657	1.588759	43.54554	21.96989	21.57565	30.98194	2
1704.51	1708.01	1347.01	72.28771	49.02842	71.29649	69.39665	69.31239	0	30.68761	10.59026	20.09735	31.01326	2
1704.515	1708.015	1347.015	67.88622	40.06099	67.1074	66.9422	73.88574	0	26.11426	9.116107	16.99815	30.47877	2
1704.52	1708.02	1347.02	77.44441	50.29556	78.47104	79.36785	48.6233	3.580202	47.7965	20.64928	27.14721	29.72869	2
1704.525	1708.025	1347.025	66.48199	49.47401	65.08956	63.33132	77.65518	0	22.34482	13.9826	8.362213	31.06641	2
1704.53	1708.03	1347.03	68.14582	76.52945	65.49077	62.43451	79.36239	0	20.63761	9.289027	11.34858	31.79756	2
1704.535	1708.035	1347.035	66.9658	31.97082	66.11618	66.72979	77.23906	0	22.76094	4.914817	17.84612	30.3328	2
1704.54	1708.04	1347.04	72.18151	55.4198	70.81268	68.40543	70.78984	0	29.21016	11.7067	17.50346	31.0457	2
1704.545	1708.045	1347.045	74.54156	72.07359	73.83354	68.97184	59.46707	0.608076	39.92485	11.11208	28.81277	31.70913	2
1704.55	1708.05	1347.05	79.52126	110.4915	78.41203	72.92492	48.69798	3.321463	47.98056	14.83252	33.14803	29.86962	2
1704.555	1708.055	1347.055	78.23503	92.94652	77.12581	75.08437	54.12719	1.896546	43.97626	18.66608	25.31019	30.16753	2
1704.56	1708.06	1347.06	76.06379	98.4885	75.70978	79.39145	48.93066	3.396683	47.67266	18.03186	29.6408	28.21531	2
1704.565	1708.065	1347.065	87.61622	80.99924	87.30942	86.95541	42.16901	6.098955	51.73204	34.83366	16.89838	29.23192	2
1704.57	1708.07	1347.07	80.07587	89.32613	80.18207	78.64804	43.89021	4.983675	51.12612	35.83615	15.28996	29.11447	2
1704.575	1708.075	1347.075	86.81381	154.3121	85.84619	80.96089	30.28682	8.452784	61.2604	39.20151	22.05888	28.49207	2
1704.58	1708.08	1347.08	82.50672	120.7957	82.19991	79.80446	37.23902	6.839227	55.92176	36.49963	19.42212	28.44845	2
1704.585	1708.085	1347.085	83.01413	134.9013	82.63652	80.15847	33.90736	7.760346	58.3323	31.83057	26.50173	28.15921	2
1704.59	1708.09	1347.09	82.96693	118.512	82.61292	78.83684	37.73407	6.705746	55.56018	32.42633	23.13385	28.78673	2
1704.595	1708.095	1347.095	86.99081	95.85676	87.07341	83.96995	36.13096	8.212587	55.65646	29.854	25.80246	29.10014	2
1704.6	1708.1	1347.1	87.33302	57.82875	87.35662	88.05283	45.47616	5.59991	48.92393	31.42496	17.49896	29.65394	2
1704.605	1708.105	1347.105	84.37116	72.10144	84.25315	86.05859	45.84451	4.788095	49.3674	25.43521	23.93219	29.1689	2
1704.61	1708.11	1347.11	86.3182	90.34263	85.40958	84.86677	45.76614	4.180589	50.05327	33.90751	16.14576	29.4341	2
1704.615	1708.115	1347.115	83.79295	81.05494	83.21473	81.7751	47.77634	3.796604	48.42706	31.58598	16.84107	29.81356	2
1704.62	1708.12	1347.12	82.62472	102.6937	80.54788	76.7482	55.22891	0.890079	43.88101	21.99783	21.88319	30.82138	2
1704.625	1708.125	1347.125	83.79295	89.67425	82.87253	78.08163	48.34257	3.379842	48.27759	34.11977	14.15782	30.36047	2
1704.63	1708.13	1347.13	87.40382	191.1148	86.90821	81.00809	17.17969	12.76904	70.05126	53.0211	17.03016	28.72452	2
1704.635	1708.135	1347.135	96.57261	170.2836	98.46065	103.5702	0	30.11298	69.88702	69.88702	0	-9999	2
1704.64	1708.14	1347.14	100.7499	149.4664	102.2367	100.9269	0	31.80341	68.19659	68.19659	0	-9999	2
1704.645	1708.145	1347.145	103.5466	82.15498	103.877	102.1423	22.29502	21.87472	55.83026	29.62941	26.20085	28.36085	2
1704.65	1708.15	1347.15	107.122	76.97504	106.8388	104.2428	25.01462	20.3122	54.67318	24.93745	29.73573	28.58523	2
1704.655	1708.155	1347.155	112.1725	150.3715	110.3199	106.6028	14.76933	13.27459	71.95609	52.31538	19.6407	29.86407	2
1704.66	1708.16	1347.16	114.8748	198.1884	115.1816	110.1901	0	47.90059	52.09941	52.09941	0	-9999	2
1704.665	1708.165	1347.165	113.0457	262.1718	114.0488	115.3232	0	57.91247	42.08753	42.08753	0	-9999	2
1704.67	1708.17	1347.17	109.1989	293.1401	108.007	109.4821	0	27.98268	72.01732	72.01732	0	-9999	2
1704.675	1708.175	1347.175	105.3048	248.4979	102.3193	102.5317	6.120425	7.74897	86.13061	67.41534	18.71526	-9999	2
1704.68	1708.18	1347.18	97.81163	179.9472	96.46641	98.38985	16.89158	12.43225	70.67618	49.35598	21.32019	27.99361	2
1704.685	1708.185	1347.185	94.50757	77.93583	93.94115	92.35992	38.58226	8.128211	53.28953	30.61015	22.67938	29.45087	2
1704.69	1708.19	1347.19	94.59017	106.328	92.78473	88.92605	41.2378	4.019367	54.74283	25.43159	29.31124	29.99557	2
1704.695	1708.195	1347.195	100.7499	222.9463	97.65823	91.4041	17.31748	5.587688	77.09483	42.23696	34.85787	29.79882	2
1704.7	1708.2	1347.2	105.942	255.5298	102.6025	98.69665	6.576023	5.419304	88.00467	66.773	21.23167	-9999	2
1704.705	1708.205	1347.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1705.04	1708.54	1347.54	89.52786	62.71627	89.68127	91.74631	41.26815	7.580644	51.1512	31.3395	19.8117	28.97313	2
1705.045	1708.545	1347.545	84.76057	79.71818	84.78417	83.79295	42.54558	5.907138	51.54728	35.60956	15.93772	29.26997	2
1705.05	1708.55	1347.55	75.28497	60.58581	74.03414	72.35851	65.76996	0	34.23004	15.27849	18.95155	31.18445	2
1705.055	1708.555	1347.555	74.94276	47.44102	74.30555	73.92794	64.51033	0	35.48967	11.42513	24.06454	31.2199	2
1705.06	1708.56	1347.56	76.42959	53.23364	76.42959	73.43233	56.80223	1.165223	42.03254	19.60875	22.4238	31.43142	2
1705.065	1708.565	1347.565	78.30583	85.23231	77.98723	78.95485	49.80162	3.145368	47.05302	23.51232	23.5407	29.20731	2
1705.07	1708.57	1347.57	72.61812	63.56567	73.10193	75.20237	54.05891	1.74428	44.19681	28.86448	15.33232	29.66509	2
1705.075	1708.575	1347.575	73.84534	46.73086	73.53853	72.59452	63.13117	0	36.86883	13.91031	22.95853	31.45661	2
1705.08	1708.58	1347.58	69.06624	39.75465	69.30225	69.83326	65.00939	0	34.99061	20.00297	14.98763	30.5873	2
1705.085	1708.585	1347.585	74.70676	97.70872	74.86016	74.95456	46.4354	4.003582	49.56102	20.80083	28.76019	28.57624	2
1705.09	1708.59	1347.59	72.45291	71.09887	71.11948	68.27563	66.47146	0	33.52854	16.00834	17.5202	31.37979	2
1705.095	1708.595	1347.595	69.78606	42.70666	70.52947	70.71828	59.70035	0.018803	40.28085	8.763852	31.517	31.1899	2
1705.1	1708.6	1347.6	66.9186	44.78142	67.1782	66.02178	65.58584	0	34.41416	24.63366	9.780501	30.68537	2
1705.105	1708.605	1347.605	68.33463	82.92083	68.71224	70.02206	54.13884	1.847577	44.01358	27.25678	16.7568	29.13671	2
1705.11	1708.61	1347.61	75.37937	73.68884	75.60358	73.17273	51.08069	2.709382	46.20993	14.73293	31.477	30.05462	2
1705.115	1708.615	1347.615	81.05529	100.4936	80.52428	78.02263	45.22501	4.420811	50.35418	20.22589	30.12829	29.25394	2
1705.12	1708.62	1347.62	79.32065	95.0909	78.94305	78.69524	46.93946	3.951033	49.10951	22.5442	26.56531	28.99652	2
1705.125	1708.625	1347.625	75.45017	98.6556	74.64776	74.78936	52.92991	2.39488	44.67521	23.60181	21.0734	29.28582	2
1705.13	1708.63	1347.63	76.21719	121.7286	74.96636	74.31735	50.11576	3.214789	46.66945	16.09787	30.57158	28.65951	2
1705.135	1708.635	1347.635	62.0569	99.69994	60.55827	55.75557	70.39466	0	29.60534	19.27504	10.3303	32.2349	2
1705.14	1708.64	1347.64	68.05142	160.0351	66.62359	61.73829	49.72987	4.567213	45.70291	32.4196	13.28331	27.90237	2
1705.145	1708.645	1347.645	68.11042	93.75415	67.66201	68.02782	58.12508	1.391029	40.48389	27.28919	13.1947	29.59001	2

1705.15	1708.65	1347.65	70.21087	79.30044	69.47925	68.55883	61.88531	0.332152	37.78253	11.92932	25.85321	30.94303	2
1705.155	1708.655	1347.655	62.3283	99.49107	60.41666	58.39882	73.39633	0	26.60367	14.60539	11.99828	31.91989	2
1705.16	1708.66	1347.66	61.59669	54.69572	61.04208	58.77643	74.39292	0	25.60708	23.30672	2.300358	30.87452	2
1705.165	1708.665	1347.665	61.67929	76.86364	61.38428	56.40458	66.94035	0	33.05965	19.48957	13.57009	31.5259	2
1705.17	1708.67	1347.67	66.09258	94.26936	66.55279	66.36399	52.81502	2.268316	44.91667	25.84539	19.07128	28.845	2
1705.175	1708.675	1347.675	68.02782	164.5884	68.79484	66.50559	31.63963	7.847332	60.51304	27.57126	32.94178	26.72228	2
1705.18	1708.68	1347.68	63.56733	98.5442	62.3047	60.94768	67.45571	0.232314	32.31197	9.225157	23.08682	31.14435	2
1705.185	1708.685	1347.685	65.21936	75.73575	64.98336	64.86536	63.49917	0.012487	36.48834	11.48977	24.99857	30.83797	2
1705.19	1708.69	1347.69	54.50474	72.89514	55.33076	54.32774	65.81338	0	34.18662	17.16376	17.02285	29.93489	2
1705.195	1708.695	1347.695	56.60519	55.09953	56.99459	56.99459	71.57123	0	28.42877	20.91799	7.510781	29.82081	2
1705.2	1708.7	1347.7	59.95646	138.8558	58.45782	55.35436	62.85134	2.489638	34.65902	24.84962	9.809405	29.24015	2
1705.205	1708.705	1347.705	57.2896	59.68072	57.84421	56.82939	68.5526	0	31.4474	10.98559	20.46182	29.99093	2
1705.21	1708.71	1347.71	64.13374	118.7348	64.68835	59.88565	47.96489	3.665156	48.36995	28.39792	19.97203	28.50018	2
1705.215	1708.715	1347.715	71.06048	133.3139	71.8275	69.97486	36.41803	6.512002	57.06997	25.89151	31.17846	27.48728	2
1705.22	1708.72	1347.72	59.36644	61.61623	59.09504	58.65843	72.57514	0	27.42486	23.13038	4.29448	30.42755	2
1705.225	1708.725	1347.725	60.77067	81.38913	60.66447	59.24844	65.21788	0	34.78212	17.1745	17.60762	30.87042	2
1705.23	1708.73	1347.73	63.33132	84.46646	62.70591	61.01848	66.14125	0	33.85875	6.193389	27.66536	31.18028	2
1705.235	1708.735	1347.735	59.94466	76.71047	60.19246	60.00366	64.36649	0	35.63351	16.03185	19.60165	30.42932	2
1705.24	1708.74	1347.74	65.77398	121.7425	64.38155	62.0923	60.81757	1.833112	37.34932	13.37431	23.97501	29.6425	2
1705.245	1708.745	1347.745	64.23994	113.3739	64.84176	62.84751	48.79873	3.378097	47.82317	16.4672	31.35597	28.19108	2
1705.25	1708.75	1347.75	71.9219	175.2407	70.32887	66.06898	43.76959	5.71409	50.51632	25.92913	24.58718	27.27275	2
1705.255	1708.755	1347.755	72.15791	154.883	74.68316	72.92492	16.56233	11.51233	71.92534	50.18835	21.73699	28.13644	2
1705.26	1708.76	1347.76	58.24542	56.71478	57.66721	56.97099	77.17038	0	22.82962	12.10355	10.72607	30.73199	2
1705.265	1708.765	1347.765	61.71469	49.50185	62.3637	62.51711	66.21318	0	33.78682	10.0357	23.75111	29.91795	2
1705.27	1708.77	1347.77	60.93588	83.53351	61.39609	55.99157	60.15726	0.656097	39.18664	13.67198	25.51466	30.75969	2
1705.275	1708.775	1347.775	61.87989	132.5759	60.18066	55.67297	64.15621	1.990926	33.85286	28.03561	5.81725	30.05096	2
1705.28	1708.78	1347.78	59.90925	64.52647	59.79125	59.04784	70.1826	0	29.8174	14.87825	14.93915	30.4332	2
1705.285	1708.785	1347.785	68.80664	147.9486	66.8832	63.17792	55.80099	3.166616	41.03239	18.01199	23.0204	28.73307	2
1705.29	1708.79	1347.79	65.47897	243.3737	64.09834	54.03273	31.56279	10.03291	58.4043	34.92494	23.47936	26.04212	2
1705.295	1708.795	1347.795	62.70591	97.0125	63.63813	65.85658	51.60884	2.361026	46.03014	20.37787	25.65227	27.99966	2
1705.3	1708.8	1347.8	65.57337	177.1206	66.52919	63.62633	29.40172	8.386224	62.21205	28.85464	33.35742	26.47783	2
1705.305	1708.805	1347.805	58.32802	115.8942	57.089	51.27148	67.89427	1.057976	31.04776	23.17809	7.869665	31.19724	2
1705.31	1708.81	1347.81	60.94768	59.62502	60.81787	59.63785	70.50485	0	29.49515	8.780669	20.71448	30.48532	2
1705.315	1708.815	1347.815	68.03962	66.25312	67.96882	64.58215	61.91901	0.037557	38.04344	19.36764	18.6758	31.57132	2
1705.32	1708.82	1347.82	62.2457	83.22717	61.18368	61.76189	70.82365	0	29.17635	18.91388	10.26247	30.84697	2
1705.325	1708.825	1347.825	66.67079	99.40752	65.16036	64.31074	66.31209	0.258358	33.42955	11.42753	22.00202	31.02878	2
1705.33	1708.83	1347.83	59.36644	58.56675	58.55223	56.86479	77.5199	0	22.4801	5.699746	16.78036	31.0732	2
1705.335	1708.835	1347.835	67.27261	88.43496	66.67079	64.51135	61.37199	0.708162	37.91985	21.91897	16.00088	30.65533	2
1705.34	1708.84	1347.84	59.54345	71.69762	59.13044	56.29838	71.07002	0	28.92998	9.02852	19.90146	31.05232	2
1705.345	1708.845	1347.845	55.63757	89.84134	54.74075	53.45452	74.02218	0	25.97782	18.63674	7.34108	31.41118	2
1705.35	1708.85	1347.85	54.48114	70.43049	53.96193	53.01791	76.85705	0	23.14295	5.435854	17.70709	30.96281	2
1705.355	1708.855	1347.855	60.81787	74.8585	60.25146	60.78247	70.32149	0	29.67851	23.4613	6.217212	30.54784	2
1705.36	1708.86	1347.86	65.38457	46.74479	65.76217	65.58517	65.6075	0	34.3925	11.80127	22.59123	30.3593	2
1705.365	1708.865	1347.865	66.10438	58.706	65.13676	62.75311	72.47617	0	27.52383	13.05782	14.466	31.05853	2
1705.37	1708.87	1347.87	66.59999	50.67152	66.50559	63.86234	67.19711	0	32.80289	14.24835	18.55454	30.9628	2
1705.375	1708.875	1347.875	64.91256	75.8193	63.81513	62.37551	70.4372	0	29.5628	17.02642	12.53638	31.10327	2
1705.38	1708.88	1347.88	65.18396	82.76766	65.08956	63.98034	60.7326	0.649795	38.61761	27.52736	11.09025	30.35325	2
1705.385	1708.885	1347.885	64.48775	68.31395	65.27836	67.30801	58.01202	0.608566	41.37942	18.13608	23.24334	29.66654	2
1705.39	1708.89	1347.89	66.25778	129.234	66.32859	65.82118	47.21951	4.163356	48.61714	26.40078	22.21635	27.51684	2
1705.395	1708.895	1347.895	65.53797	141.5711	66.50559	69.90406	37.9458	5.993859	56.06034	24.52866	31.53168	26.04251	2
1705.4	1708.9	1347.9	65.40817	145.5396	65.83298	62.0805	41.31163	5.553956	53.13442	21.4357	31.69872	27.33426	2
1705.405	1708.905	1347.905	69.52645	184.1803	70.96608	71.15489	20.3069	10.59355	69.09956	37.60395	31.49561	26.61435	2
1705.41	1708.91	1347.91	61.08928	110.7004	61.32528	57.52561	55.17934	2.29099	42.52967	16.70047	25.8292	29.05706	2
1705.415	1708.915	1347.915	60.97128	114.279	60.44027	53.50172	60.36625	1.779053	37.8547	18.46322	19.39148	30.26627	2
1705.42	1708.92	1347.92	63.56733	188.2463	62.65871	59.57885	43.00425	6.656696	50.33906	24.08218	26.25687	26.06399	2
1705.425	1708.925	1347.925	59.80305	135.9178	59.18944	51.69629	56.84459	3.049215	40.10619	12.66677	27.43942	29.19509	2
1705.43	1708.93	1347.93	59.55525	101.9836	59.72045	51.69629	59.24882	1.430009	39.32117	19.13528	20.18589	30.52347	2
1705.435	1708.935	1347.935	55.51956	54.77927	55.01215	52.4751	79.59785	0	20.40215	6.748439	13.65371	31.17928	2
1705.44	1708.94	1347.94	58.30442	49.40438	57.4312	54.39854	81.17151	0	18.82849	18.82849	0	31.49233	2
1705.445	1708.945	1347.945	56.73499	54.84889	55.90897	52.87631	80.93201	0	19.06799	10.47265	8.595337	31.55522	2
1705.45	1708.95	1347.95	58.13922	90.55149	56.68779	52.6049	75.84704	0	24.15296	23.33449	0.818474	32.26174	2
1705.455	1708.955	1347.955	60.44027	65.15307	60.07446	57.1834	71.46292	0	28.53708	20.78165	7.755433	30.96801	2
1705.46	1708.96	1347.96	64.41695	59.95921	64.00394	63.20152	69.4271	0	30.5729	6.089895	24.48301	30.62678	2
1705.465	1708.965	1347.965	67.92162	100.7025	68.12222	66.895	51.58742	2.714946	45.69763	21.44538	24.25225	28.85088	2
1705.47	1708.97	1347.97	67.2018	98.12646	67.27261	67.78002	53.87902	2.229867	43.89111	13.77812	30.11298	28.81264	2
1705.475	1708.975	1347.975	74.27015	121.8818	74.74216	73.82174	38.518	6.127479	55.35453	21.53336	33.82117	27.76889	2
1705.48	1708.98	1347.98	65.65597	60.02883	65.78578	63.96854	64.06356	0	35.93644	20.43246	15.50398	30.93203	2
1705.485	1708.985	1347.985	66.35219	94.72887	66.02178	62.1985	58.59226	1.345655	40.06209	16.94523	23.11686	30.28963	2
1705.49	1708.99	1347.99	66.16338	85.58042	64.93616	61.9979	67.93022	0	32.06978	9.555372	22.51441	31.53286	2
1705.495	1708.995	1347.995	66.44659	98.4328	65.14856	61.85629	65.10811	0.427278	34.46462	15.24668	19.21793	31.24402	2
1705.5	1709	1348	68.51163	81.18026	67.99242	63.52013	61.34756	0.506837	38.1456	21.84868	16.29692	31.33881	2
1705.505	1709.005	1348.005	63.33132	55.4198	63.47293	63.27232	67.22617	0	32.77383	11.4754	21.29843	30.2995	2
1705.51	1709.01	1348.01	66.9894	72.51917	66.836	66.38759	62.00899	0.170715	37.8203	10.90319	26.91711	30.82268	2

1705.515	1709.015	1348.015	67.43781	69.91528	66.8714	67.89802	65.42741	0	34.57259	21.75115	12.82144	30.63494	2
1705.52	1709.02	1348.02	69.19605	66.11387	68.96004	68.38183	62.16912	0.001022	37.82986	12.02425	25.80561	31.17331	2
1705.525	1709.025	1348.025	67.43781	46.91188	66.9186	64.86536	70.62842	0	29.37158	6.090228	23.28135	30.83899	2
1705.53	1709.03	1348.03	66.9186	57.25784	66.36399	61.40789	68.87673	0	31.12327	8.565232	22.55804	31.48489	2
1705.535	1709.035	1348.035	69.66806	54.25013	69.77426	67.86262	61.95379	0	38.04621	8.139935	29.90628	31.40581	2
1705.54	1709.04	1348.04	70.95428	47.77521	70.76548	70.98968	64.62369	0	35.37631	16.95202	18.42429	30.87651	2
1705.545	1709.045	1348.045	67.95702	75.63828	66.74159	63.72073	68.59462	0	31.40538	17.04162	14.36376	31.40568	2
1705.55	1709.05	1348.05	69.44385	100.4101	68.19302	66.65899	61.50631	0.914492	37.57919	17.60492	19.97427	30.42553	2
1705.555	1709.055	1348.055	66.23418	94.04656	64.88896	63.63813	66.7308	0.056739	33.21246	15.38665	17.82582	31.28861	2
1705.56	1709.06	1348.06	66.9776	54.96029	66.7652	67.68561	66.72635	0	33.27365	21.79168	11.48197	30.39869	2
1705.565	1709.065	1348.065	67.74462	99.58854	65.93918	63.62633	67.56666	0	32.43334	21.34121	11.09212	31.62247	2
1705.57	1709.07	1348.07	67.33161	81.68154	66.7888	64.65295	62.49477	0.336664	37.16856	23.62607	13.54249	31.01801	2
1705.575	1709.075	1348.075	66.9658	108.0965	67.29621	68.12222	49.67147	3.203012	47.12552	27.0884	20.03712	28.04026	2
1705.58	1709.08	1348.08	64.16914	75.61043	63.40213	61.37248	68.61104	0	31.38896	11.96008	19.42889	31.1332	2
1705.585	1709.085	1348.085	62.70591	62.10359	61.71469	61.9271	74.96345	0	25.03655	19.49442	5.542132	30.69143	2
1705.59	1709.09	1348.09	64.29894	66.61515	63.30772	61.80909	72.40606	0	27.59394	14.68812	12.90582	30.99064	2
1705.595	1709.095	1348.095	70.70648	67.64557	70.32887	69.55005	61.50627	0.162401	38.33133	27.16298	11.16835	31.15153	2
1705.6	1709.1	1348.1	68.00422	52.78805	68.33463	69.19605	62.10076	0	37.89924	23.15582	14.74343	30.69319	2
1705.605	1709.105	1348.105	68.27563	92.50093	69.10164	71.11948	48.39957	3.126107	48.47433	33.2222	15.25213	28.15582	2
1705.61	1709.11	1348.11	68.98364	78.00545	68.91284	70.04566	58.20644	1.003169	40.79039	13.29311	27.49727	29.89301	2
1705.615	1709.115	1348.115	66.8006	81.89041	66.57639	63.08352	60.46356	0.681649	38.85479	19.95108	18.90372	30.87454	2
1705.62	1709.12	1348.12	62.88292	175.923	59.87385	53.54892	62.89457	3.730317	33.37511	15.20886	18.16625	29.08776	2
1705.625	1709.125	1348.125	69.17244	235.6455	66.52919	56.20398	39.82035	8.171384	52.00826	35.65981	16.34845	26.54366	2
1705.63	1709.13	1348.13	69.70346	202.4076	67.85082	61.83269	41.24813	6.993202	51.75867	20.36924	31.38943	26.65139	2
1705.635	1709.135	1348.135	64.21634	137.909	63.75613	52.73471	51.11362	3.816504	45.06988	20.75729	24.31259	29.44058	2
1705.64	1709.14	1348.14	62.56431	85.67789	62.74131	55.02395	60.33501	0.755239	38.90975	19.60497	19.30478	31.26074	2
1705.645	1709.145	1348.145	64.47595	64.67964	63.37853	62.43451	73.53468	0	26.46532	5.910589	20.55473	30.91207	2
1705.65	1709.15	1348.15	65.20756	126.4073	64.26354	56.97099	56.73463	2.608805	40.65656	29.25373	11.40283	29.78104	2
1705.655	1709.155	1348.155	65.71497	63.95556	65.69137	65.51437	64.24788	0	35.75212	23.89074	11.86138	30.68838	2
1705.66	1709.16	1348.16	70.97788	89.25651	71.15489	69.83326	51.7285	2.551126	45.72038	21.98309	23.73729	29.33393	2
1705.665	1709.165	1348.165	65.64417	121.4501	64.16914	56.58159	61.64792	1.708926	36.64316	9.916437	26.72672	30.75456	2
1705.67	1709.17	1348.17	67.30801	75.62435	67.29621	66.32859	59.86699	0.620271	39.51274	9.553189	29.95955	30.49616	2
1705.675	1709.175	1348.175	68.81844	98.07076	66.9894	65.30197	67.12895	0	32.87105	16.62527	16.24577	31.44852	2
1705.68	1709.18	1348.18	63.30772	106.9407	62.98912	55.30716	58.34644	1.765828	39.88773	28.50162	11.38611	30.44733	2
1705.685	1709.185	1348.185	73.66834	107.3028	74.02234	73.78634	43.51431	4.748523	51.73717	30.90244	20.83473	28.15489	2
1705.69	1709.19	1348.19	76.8308	79.24474	77.14941	79.24985	47.66923	3.720772	48.60999	27.61208	20.99791	28.80433	2
1705.695	1709.195	1348.195	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1706.025	1709.525	1348.525	98.64945	98.41888	99.47547	98.50785	19.02351	20.93702	60.03947	48.1438	11.89567	28.40071	2
1706.03	1709.53	1348.53	89.75207	138.7444	89.31546	87.46282	27.23566	10.4496	62.31474	45.98642	16.32832	28.26694	2
1706.035	1709.535	1348.535	86.5306	62.04789	86.4716	84.87857	45.83352	5.216688	48.9498	25.84159	23.10821	30.0194	2
1706.04	1709.54	1348.54	95.93539	141.5294	95.77019	90.80229	18.76966	15.41505	65.81529	41.33093	24.48436	29.17589	2
1706.045	1709.545	1348.545	89.94087	75.52688	89.35086	88.80805	43.54949	5.65263	50.79788	31.61494	19.18295	29.56731	2
1706.05	1709.55	1348.55	92.57233	84.95382	92.46612	90.49548	35.0977	9.726095	55.1762	27.54354	27.63266	29.11195	2
1706.055	1709.555	1348.555	84.55996	137.2684	84.34756	82.14091	30.63201	8.967284	60.40071	34.4351	25.96561	28.10409	2
1706.06	1709.56	1348.56	70.35247	60.02883	69.30225	69.26685	68.88797	0	31.11203	23.69419	7.417843	30.7021	2
1706.065	1709.565	1348.565	73.03112	69.34437	72.28771	75.92218	61.7915	0.091196	38.11731	13.24046	24.87684	30.50018	2
1706.07	1709.57	1348.57	83.58054	227.6807	80.78388	87.09701	29.68127	7.512389	62.80634	43.66772	19.13862	24.98164	2
1706.075	1709.575	1348.575	76.16999	181.8131	73.30253	72.18151	48.14764	4.244596	47.60777	19.17573	28.43204	27.23729	2
1706.08	1709.58	1348.58	78.22323	94.4643	77.77482	78.02263	48.64944	3.454315	47.89625	22.1664	25.72984	29.01826	2
1706.085	1709.585	1348.585	71.44989	100.1594	72.31131	70.57667	43.35153	4.543168	52.10531	27.16994	24.93537	28.46257	2
1706.09	1709.59	1348.59	68.60603	57.98192	68.49983	68.32283	63.67389	0	36.32611	8.804025	27.52208	30.88227	2
1706.095	1709.595	1348.595	67.0248	67.92406	67.29621	65.05416	59.79617	0.42446	39.77937	16.68756	23.09181	30.88684	2
1706.1	1709.6	1348.6	75.11977	76.73832	73.78634	72.81872	62.6532	0	37.3468	6.300079	31.04672	31.31258	2
1706.105	1709.605	1348.605	79.20265	93.15539	78.45924	76.5948	50.35143	2.931268	46.71731	28.62981	18.0875	29.68731	2
1706.11	1709.61	1348.61	83.79295	110.7839	83.02593	77.10221	42.04516	5.250264	52.70458	33.23496	19.46961	29.6036	2
1706.115	1709.615	1348.615	86.08219	126.6718	85.17357	79.80446	37.19159	6.561457	56.24695	29.71685	26.5301	29.09761	2
1706.12	1709.62	1348.62	83.37994	114.7246	82.56572	79.67466	41.8373	5.263641	52.89906	19.28257	33.61649	28.93841	2
1706.125	1709.625	1348.625	79.98147	110.4776	78.30583	76.6892	52.66765	2.087637	45.24472	27.96237	17.28235	29.66028	2
1706.13	1709.63	1348.63	71.9809	63.07831	70.30527	67.73282	71.49878	0	28.50122	16.34877	12.15244	31.06707	2
1706.135	1709.635	1348.635	69.51465	47.998	68.38183	66.61179	73.21038	0	26.78962	21.2087	5.580912	30.86468	2
1706.14	1709.64	1348.64	68.38183	44.89282	68.00422	67.37881	69.15112	0	30.84888	15.22995	15.61894	30.61186	2
1706.145	1709.645	1348.645	67.1546	52.67666	66.16338	64.67655	73.15197	0	26.84803	18.10292	8.74511	30.83703	2
1706.15	1709.65	1348.65	68.08682	80.81822	65.91558	61.12468	74.62926	0	25.37074	4.676093	20.69465	31.89404	2
1706.155	1709.655	1348.655	72.74792	65.93285	72.0753	71.01328	62.32892	0	37.67108	17.39638	20.27469	31.43024	2
1706.16	1709.66	1348.66	69.44385	36.81657	69.23145	68.91284	68.84818	0	31.15182	24.32288	6.828934	30.56858	2
1706.165	1709.665	1348.665	69.17244	72.18498	67.57941	65.50257	71.23859	0	28.76141	21.34475	7.416657	31.15865	2
1706.17	1709.67	1348.67	74.57696	70.31909	73.65654	73.42053	61.50523	0.106592	38.38818	11.5357	26.85248	31.24577	2
1706.175	1709.675	1348.675	77.37361	65.18092	76.38239	75.15517	60.72445	0.115712	39.15984	11.87984	27.27999	31.58716	2
1706.18	1709.68	1348.68	70.57667	67.18606	69.60905	68.14582	66.30949	0	33.69051	12.68046	21.01005	31.12487	2
1706.185	1709.685	1348.685	69.93946	67.11644	68.60603	66.52919	69.74758	0	30.25242	9.991279	20.26114	31.10771	2
1706.19	1709.69	1348.69	66.8478	58.51105	65.23116	64.26354	76.86926	0	23.13074	6.955172	16.17557	31.00124	2
1706.195	1709.695	1348.695	66.13978	78.92448	64.34615	60.25146	73.95236	0	26.04764	13.74152	12.30611	31.78793	2
1706.2	1709.7	1348.7	67.92162	48.9031	67.56761	66.71799	68.42112	0	31.57888	17.47305	14.10583	30.67877	2

1706.205	1709.705	1348.705	71.14309	103.5153	70.69468	70.71828	52.97284	2.551359	44.4758	24.7708	19.70501	28.90873	2
1706.21	1709.71	1348.71	66.62359	99.03156	64.55855	59.93285	70.74474	0	29.25526	17.61547	11.6398	32.11199	2
1706.215	1709.715	1348.715	62.1749	47.10683	62.0687	59.98006	72.22231	0	27.77769	21.41712	6.360575	30.53615	2
1706.22	1709.72	1348.72	62.82391	51.67409	62.3401	62.3637	73.4464	0	26.5536	22.91183	3.64177	30.37249	2
1706.225	1709.725	1348.725	71.27289	45.71437	71.57969	71.9455	60.98832	0	39.01168	7.258721	31.75296	31.23204	2
1706.23	1709.73	1348.73	70.09286	46.70302	70.48227	71.60329	61.19452	0	38.80548	18.70575	20.09973	30.92846	2
1706.235	1709.735	1348.735	75.60358	60.1263	75.29677	74.09315	58.27189	0.792602	40.93551	14.81921	26.11629	31.13925	2
1706.24	1709.74	1348.74	74.49435	67.4924	74.45895	74.50615	55.40639	1.546492	43.04712	16.63136	26.41576	30.2393	2
1706.245	1709.745	1348.745	76.16999	130.0277	75.27317	71.24929	45.40726	4.462169	50.13057	21.19936	28.93121	28.6501	2
1706.25	1709.75	1348.75	74.76576	67.68735	74.42355	73.12553	57.48727	1.041566	41.47117	11.64148	29.82969	30.81693	2
1706.255	1709.755	1348.755	81.24409	61.00355	81.6099	83.13213	47.65757	4.190762	48.15167	24.64489	23.50678	29.44455	2
1706.26	1709.76	1348.76	87.49822	96.35804	87.67523	86.11759	34.81121	8.84318	56.34561	23.11356	33.23205	28.75036	2
1706.265	1709.765	1348.765	88.22984	150.1208	89.84647	89.59866	9.970406	18.5527	71.4769	63.84468	7.632217	28.86538	2
1706.27	1709.77	1348.77	84.15875	184.3892	82.43592	81.84591	31.30374	7.553888	61.14237	28.81151	32.33086	27.0359	2
1706.275	1709.775	1348.775	78.44744	163.3352	75.41477	73.44413	51.80437	2.663435	45.5322	28.66613	16.86607	28.4089	2
1706.28	1709.78	1348.78	71.8039	157.9603	67.59121	64.62935	68.36233	0.7649	30.87277	10.10026	20.77251	30.86709	2
1706.285	1709.785	1348.785	64.53495	38.01408	63.79153	62.89472	77.18991	0	22.81009	19.73249	3.077604	30.60707	2
1706.29	1709.79	1348.79	64.80636	37.5685	64.67655	64.44055	72.29255	0	27.70745	20.95175	6.755702	30.21173	2
1706.295	1709.795	1348.795	64.74735	80.90177	63.08352	61.9035	73.74892	0	26.25108	14.59058	11.6605	31.30371	2
1706.3	1709.8	1348.8	64.85356	40.92432	64.45235	63.29592	73.54041	0	26.45959	9.120185	17.33941	30.49814	2
1706.305	1709.805	1348.805	82.17631	110.6725	82.25891	79.20265	36.97488	7.12837	55.89675	36.51957	19.37717	28.69695	2
1706.31	1709.81	1348.81	85.17357	139.3153	85.75179	85.56298	23.44486	11.9354	64.61974	34.03611	30.58363	27.86833	2
1706.315	1709.815	1348.815	81.5627	152.7943	80.81928	78.95485	33.74756	7.538453	58.71399	27.15222	31.56177	27.63867	2
1706.32	1709.82	1348.82	70.82448	111.2016	69.03084	67.37881	61.83137	0.99883	37.1698	9.995451	27.17435	30.34709	2
1706.325	1709.825	1348.825	63.94494	63.00869	62.96552	62.84751	73.51306	0	26.48694	16.50711	9.979824	30.70329	2
1706.33	1709.83	1348.83	62.1631	42.06613	61.57309	61.27808	77.20254	0	22.79746	14.0668	8.730661	30.47004	2
1706.335	1709.835	1348.835	62.90652	54.5704	61.59669	59.11864	79.07113	0	20.92887	8.697437	12.23144	31.3941	2
1706.34	1709.84	1348.84	68.26383	101.2038	67.0602	63.83874	62.03405	0.907505	37.05844	15.00209	22.05635	30.71585	2
1706.345	1709.845	1348.845	65.60877	98.61382	64.03934	57.52561	67.93849	0.058042	32.00347	22.74495	9.258521	32.34377	2
1706.35	1709.85	1348.85	66.58819	39.8939	65.97458	65.07776	73.84004	0	26.15996	6.334263	19.8257	30.54115	2
1706.355	1709.855	1348.855	74.64776	95.82891	71.7567	68.74764	70.53918	0	29.46082	5.302761	24.15806	30.91954	2
1706.36	1709.86	1348.86	72.64172	79.70425	70.61207	68.68863	69.61092	0	30.38908	13.83342	16.55566	31.01868	2
1706.365	1709.865	1348.865	66.8242	36.25959	65.77398	66.16338	77.88614	0	22.11386	17.22059	4.893273	30.45811	2
1706.37	1709.87	1348.87	66.50559	55.08561	65.91558	59.49625	70.05673	0	29.94327	16.22415	13.71911	31.69945	2
1706.375	1709.875	1348.875	71.15489	99.24043	71.22569	71.07228	49.97261	3.09319	46.9342	30.31719	16.61701	28.70384	2
1706.38	1709.88	1348.88	68.20482	37.47102	68.28743	67.73282	67.54341	0	32.45659	6.778528	25.67806	30.5526	2
1706.385	1709.885	1348.885	69.77426	38.72424	70.21087	72.42931	63.0527	0	36.9473	10.29003	26.65727	30.485	2
1706.39	1709.89	1348.89	70.30527	25.18955	70.24627	67.55581	69.68054	0	30.31946	24.30722	6.012236	30.98346	2
1706.395	1709.895	1348.895	66.02178	37.88876	65.32557	64.86536	75.48654	0	24.51346	5.566485	18.94697	30.4753	2
1706.4	1709.9	1348.9	70.94248	37.93054	71.8983	72.13431	58.14613	0.355265	41.49861	9.898798	31.59981	31.08409	2
1706.405	1709.905	1348.905	74.86016	44.12697	75.01356	75.01356	59.26105	0.428455	40.3105	13.87927	26.43122	31.37804	2
1706.41	1709.91	1348.91	77.19661	124.5414	76.7836	69.53825	42.04092	5.305907	52.65317	18.03686	34.61631	29.19177	2
1706.415	1709.915	1348.915	72.21691	98.66952	70.48227	65.16036	63.12585	0.352276	36.52188	18.34528	18.1766	31.67067	2
1706.42	1709.92	1348.92	65.97458	42.01043	65.73857	62.2221	70.9659	0	29.0341	15.34209	13.69201	30.94365	2
1706.425	1709.925	1348.925	62.71771	24.85536	62.45811	60.32226	78.29665	0	21.70335	3.959787	17.74356	30.54792	2
1706.43	1709.93	1348.93	65.78578	32.16576	65.32557	64.81816	75.2596	0	24.7404	6.375626	18.36478	30.36608	2
1706.435	1709.935	1348.935	66.35219	53.91594	65.78578	64.88896	70.29802	0	29.70198	13.62331	16.07867	30.65649	2
1706.44	1709.94	1348.94	64.07474	27.84914	63.64993	63.73253	77.60401	0	22.39599	9.240297	13.15569	30.23133	2
1706.445	1709.945	1348.945	65.95098	47.00936	65.46717	64.16914	71.69836	0	28.30164	11.2129	17.08874	30.62681	2
1706.45	1709.95	1348.95	66.15158	45.63082	65.67957	67.0366	71.75596	0	28.24404	16.40835	11.83569	30.12759	2
1706.455	1709.955	1348.955	70.67108	41.92689	70.06926	69.44385	69.50035	0	30.49965	9.66831	20.83134	30.69749	2
1706.46	1709.96	1348.96	73.55033	66.16957	72.98392	70.76548	60.71035	0.27755	39.0121	16.51649	22.49561	31.48617	2
1706.465	1709.965	1348.965	85.40958	142.518	83.96995	82.04651	38.09096	5.787608	56.12143	37.13503	18.9864	28.22271	2
1706.47	1709.97	1348.97	68.07502	115.0587	64.81816	62.70591	74.76748	0	25.23252	12.32207	12.91045	31.96257	2
1706.475	1709.975	1348.975	60.78247	33.02909	60.72347	62.1395	76.54435	0	23.45565	21.75354	1.702116	29.76683	2
1706.48	1709.98	1348.98	65.45537	20.21848	65.54977	65.98638	74.15657	0	25.84343	7.192601	18.65082	29.92221	2
1706.485	1709.985	1348.985	67.68561	29.26945	67.95702	67.98062	68.54263	0	31.45737	12.76653	18.69084	30.28642	2
1706.49	1709.99	1348.99	82.16451	85.91461	82.21171	80.85468	43.25151	5.353518	51.39498	31.95918	19.43579	29.17124	2
1706.495	1709.995	1348.995	66.18698	36.13427	66.836	68.08682	65.33363	0	34.66637	15.63657	19.0298	30.04155	2
1706.5	1710	1349	70.69468	50.46265	71.8511	72.85412	53.78665	1.46264	44.75071	18.2102	26.5405	30.01731	2
1706.505	1710.005	1349.005	68.96004	54.18051	69.50285	70.11646	59.23829	0.286554	40.47515	20.9536	19.52156	30.70894	2
1706.51	1710.01	1349.01	71.41449	75.6522	71.8039	71.6269	52.97292	2.084191	44.94289	22.10864	22.83424	29.59795	2
1706.515	1710.015	1349.015	67.43781	59.36045	67.31981	66.31679	64.5065	0	35.4935	15.65557	19.83793	30.90654	2
1706.52	1710.02	1349.02	71.8393	107.9294	71.48529	64.35795	50.5325	3.129751	46.33775	27.55297	18.78478	29.8919	2
1706.525	1710.025	1349.025	66.21058	39.96352	66.65899	66.61179	65.93992	0	34.06008	13.40004	20.66004	30.31629	2
1706.53	1710.03	1349.03	68.07502	61.18457	68.59423	68.54703	58.54043	0.525483	40.93409	23.34515	17.58894	30.50252	2
1706.535	1710.035	1349.035	70.95428	93.6149	71.9219	66.777	44.5682	4.137119	51.29468	19.34343	31.95125	29.28728	2
1706.54	1710.04	1349.04	73.33793	141.0002	75.56818	75.20237	21.12265	10.52899	68.34837	50.49232	17.85604	27.71677	2
1706.545	1710.045	1349.045	71.16669	129.5821	73.10193	57.84421	28.16968	8.303671	63.52665	33.41253	30.11412	30.17961	2
1706.55	1710.05	1349.05	69.26685	161.8592	67.86262	62.48171	47.98734	4.833137	47.17952	19.23538	27.94414	27.87692	2
1706.555	1710.055	1349.055	77.22021	273.6318	75.36757	60.69987	17.09646	12.40791	70.49563	39.90113	30.5945	28.20205	2
1706.56	1710.06	1349.06	67.47321	80.14984	66.895	64.12194	63.00953	0.207222	36.78325	15.07718	21.70607	31.26834	2
1706.565	1710.065	1349.065	61.19548	34.29622	61.65569	63.34313	71.83385	0	28.16615	23.47723	4.688922	29.41557	2

1706.57	1710.07	1349.07	61.64389	30.70368	61.43149	59.54345	77.50346	0	22.49654	14.52062	7.975917	30.48099	2
1706.575	1710.075	1349.075	63.28412	85.5665	61.44329	59.51985	75.33801	0	24.66199	9.840714	14.82128	31.68118	2
1706.58	1710.08	1349.08	60.32226	84.36898	59.21304	57.1126	72.6827	0	27.3173	23.90735	3.409951	31.43138	2
1706.585	1710.085	1349.085	70.67108	126.4908	72.74792	66.05718	28.2763	8.156114	63.56758	40.29441	23.27317	28.64385	2
1706.59	1710.09	1349.09	64.67655	40.89647	65.64417	68.47623	63.10157	0	36.89843	12.96897	23.92946	29.67752	2
1706.595	1710.095	1349.095	59.31924	38.3622	58.50503	57.2188	82.45283	0	17.54717	17.54717	0	31.06816	2
1706.6	1710.1	1349.1	64.51135	53.23364	63.80333	62.55251	73.25413	0	26.74587	11.29556	15.45031	30.71505	2
1706.605	1710.105	1349.105	88.71365	152.1956	91.0973	92.83193	3.078836	22.37928	74.54189	74.54189	0	-9999	2
1706.61	1710.11	1349.11	90.82589	48.65246	91.61651	93.51635	38.53901	10.20169	51.2593	33.13685	18.12246	28.88867	2
1706.615	1710.115	1349.115	92.39532	45.26878	93.33934	96.79681	36.72511	11.93719	51.3377	30.62013	20.71757	28.46946	2
1706.62	1710.12	1349.12	84.97297	100.4379	86.01139	87.91123	29.47112	10.74598	59.7829	41.87327	17.90963	27.87948	2
1706.625	1710.125	1349.125	70.35247	105.3951	71.6623	73.99874	39.61896	5.320245	55.0608	31.80594	23.25486	27.36785	2
1706.63	1710.13	1349.13	66.00998	83.15755	65.70317	66.04538	61.52444	0.543441	37.93212	10.38567	27.54645	30.25342	2
1706.635	1710.135	1349.135	69.10164	111.0763	68.93644	64.72375	50.82635	3.121189	46.05246	18.65718	27.39528	29.13549	2
1706.64	1710.14	1349.14	73.90434	126.2959	74.87196	71.8983	33.94535	7.267797	58.78685	27.72522	31.06163	27.9599	2
1706.645	1710.145	1349.145	77.04321	112.2181	76.524	76.6892	45.98735	4.21237	49.80029	16.13391	33.66637	28.34611	2
1706.65	1710.15	1349.15	80.54788	177.1902	79.20265	74.09315	33.44144	7.455418	59.10314	28.45232	30.65082	27.71807	2
1706.655	1710.155	1349.155	71.8865	146.765	72.27591	66.52919	35.32938	7.003177	57.66744	22.49482	35.17262	27.92627	2
1706.66	1710.16	1349.16	68.44083	62.43778	68.70044	63.52013	59.91255	0.319026	39.76842	28.65312	11.11531	31.66156	2
1706.665	1710.165	1349.165	72.35851	49.54363	72.0517	69.60905	63.81836	0	36.18164	9.211662	26.96998	31.53205	2
1706.67	1710.17	1349.17	76.35879	63.02261	75.59178	74.30555	60.44281	0.234385	39.32281	22.74009	16.58272	31.51713	2
1706.675	1710.175	1349.175	74.55336	69.66464	73.75094	70.55307	60.7708	0.274181	38.95502	14.56347	24.39155	31.66625	2
1706.68	1710.18	1349.18	78.64804	109.4054	77.26741	76.21719	51.86758	2.485764	45.64666	25.77283	19.87383	29.36269	2
1706.685	1710.185	1349.185	77.82202	60.4048	78.50644	77.65682	48.48157	3.615857	47.90257	23.72871	24.17386	29.83755	2
1706.69	1710.19	1349.19	75.48557	46.09033	74.74216	73.51493	65.16088	0	34.83912	13.0909	21.74823	31.30368	2
1706.695	1710.195	1349.195	77.78662	27.6542	77.63322	76.97241	62.93287	0	37.06713	20.40495	16.66219	31.97574	2
1706.7	1710.2	1349.2	74.11675	32.55565	73.66834	71.9219	67.4093	0	32.5907	20.36694	12.22376	31.2161	2
1706.705	1710.205	1349.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1707.01	1710.51	1349.51	74.31735	56.88188	75.15517	76.14639	51.36954	2.466901	46.16356	19.13675	27.02681	29.74049	2
1707.015	1710.515	1349.515	70.44687	69.33045	69.33765	68.27563	67.00739	0	32.99261	18.11269	14.87993	31.01911	2
1707.02	1710.52	1349.52	68.54703	60.07061	68.21663	69.12524	64.9603	0	35.0397	24.26853	10.77117	30.6171	2
1707.025	1710.525	1349.525	62.43451	33.21011	62.62331	64.14554	73.06018	0	26.93982	19.32457	7.615248	29.6191	2
1707.03	1710.53	1349.53	66.24598	54.84889	65.54977	62.96552	71.17592	0	28.82408	17.06986	11.75422	30.98706	2
1707.035	1710.535	1349.535	67.33161	57.31354	66.59999	64.31074	69.85506	0	30.14494	4.676795	25.46814	30.99771	2
1707.04	1710.54	1349.54	71.20209	71.55838	70.81268	67.89802	60.19486	0.498061	39.30707	24.13467	15.1724	31.24443	2
1707.045	1710.545	1349.545	70.34067	69.72033	69.39665	66.836	65.73041	0	34.26959	15.08781	19.18178	31.36389	1
1707.05	1710.55	1349.55	72.38211	106.3837	72.62992	69.95126	45.74311	4.158959	50.09794	30.19565	19.90229	28.69817	1
1707.055	1710.555	1349.555	77.45622	99.36575	77.58602	78.47104	43.6878	4.859996	51.4522	31.07427	20.37793	28.30965	1
1707.06	1710.56	1349.56	77.89282	112.065	79.02565	80.87829	32.4395	8.188048	59.37245	25.84683	33.52562	27.50804	1
1707.065	1710.565	1349.565	74.95456	85.98423	75.87498	77.91642	43.10037	4.81394	52.08569	21.81633	30.26936	28.20901	1
1707.07	1710.57	1349.57	74.15215	61.95042	74.63596	76.7954	53.0385	2.07001	44.89149	14.87468	30.01682	29.61646	1
1707.075	1710.575	1349.575	73.66834	107.5673	75.23777	79.67466	34.03074	7.095431	58.87383	36.71749	22.15635	26.97397	1
1707.08	1710.58	1349.58	79.88707	123.6224	80.08767	81.5391	35.03261	7.470386	57.49701	35.07967	22.41734	27.47066	1
1707.085	1710.585	1349.585	74.04595	109.5585	74.01054	75.27317	45.63892	4.275306	50.08577	35.13866	14.94711	27.98708	1
1707.09	1710.59	1349.59	63.80333	69.06588	63.42573	62.55251	67.51345	0	32.48655	18.97152	13.51503	30.73138	1
1707.095	1710.595	1349.595	65.20756	50.18416	64.74735	62.62331	71.4311	0	28.5689	6.399201	22.1697	30.77673	1
1707.1	1710.6	1349.6	67.24901	65.72398	66.71799	63.30772	66.34105	0	33.65895	19.67711	13.98184	31.35104	1
1707.105	1710.605	1349.605	67.31981	80.84607	66.55279	64.66475	64.4454	0	35.5546	9.472664	26.08193	31.33021	1
1707.11	1710.61	1349.61	65.77398	93.29464	64.88896	61.85629	63.76953	0.5027	35.72777	17.34747	18.3803	31.00486	1
1707.115	1710.615	1349.615	67.19	146.0131	67.42601	66.70619	41.021	5.679961	53.29904	21.86888	31.43016	26.84596	1
1707.12	1710.62	1349.62	69.00724	164.2264	69.93946	67.73282	29.54585	8.309994	62.14416	34.82846	27.3157	26.82204	1
1707.125	1710.625	1349.625	69.00724	194.1921	66.02178	59.63785	52.65618	4.941095	42.40273	29.87013	12.5326	27.69584	1
1707.13	1710.63	1349.63	70.09286	85.94246	70.16367	68.07502	54.16778	1.968314	43.86391	17.57336	26.29055	29.78287	1
1707.135	1710.635	1349.635	76.28799	85.66397	76.25259	75.08437	49.35872	3.241336	47.39994	29.46985	17.93009	29.41082	1
1707.14	1710.64	1349.64	77.70402	111.3548	78.74244	79.87526	33.51667	7.836402	58.64692	22.85908	35.78784	27.64913	1
1707.145	1710.645	1349.645	78.41203	110.6725	79.78086	81.7515	30.46976	8.902421	60.62781	41.24934	19.37847	27.54165	1
1707.15	1710.65	1349.65	74.75396	175.185	77.37361	81.6453	8.529259	14.34513	77.12562	65.15793	11.96769	27.80906	1
1707.155	1710.655	1349.655	76.25259	102.8051	77.73942	81.26769	33.44584	7.669367	58.88479	40.30346	18.58133	27.32341	1
1707.16	1710.66	1349.66	75.32037	155.8299	76.39419	81.26769	24.6723	9.977704	65.34999	36.67787	28.67212	26.23954	1
1707.165	1710.665	1349.665	76.01659	94.21366	75.78058	76.6184	49.09407	3.335706	47.57022	18.18879	29.38143	28.82028	1
1707.17	1710.67	1349.67	76.40599	101.1063	76.5358	75.01356	44.23279	4.66273	51.10448	16.51685	34.58764	28.70301	1
1707.175	1710.675	1349.675	70.60027	52.85768	70.48227	71.8747	63.17071	0	36.82929	21.57542	15.25387	30.75383	1
1707.18	1710.68	1349.68	68.08682	59.3883	67.86262	66.17518	64.72574	0	35.27426	10.63529	24.63897	31.06766	1
1707.185	1710.685	1349.685	64.85356	67.86837	64.65295	61.37248	65.46527	0	34.53473	21.86696	12.66777	31.22042	1
1707.19	1710.69	1349.69	62.67051	73.73061	62.50531	63.30772	65.78065	0	34.21935	21.76233	12.45702	30.4179	1
1707.195	1710.695	1349.695	67.61481	95.23015	68.01602	71.11948	51.63931	2.560667	45.80002	16.71124	29.08878	28.15553	1
1707.2	1710.7	1349.7	64.35795	98.57205	64.84176	66.50559	53.18673	2.262022	44.55125	16.51435	28.0369	28.31506	1
1707.205	1710.705	1349.705	59.62605	58.21864	59.21304	56.92379	74.25594	0	25.74406	6.320895	19.42316	30.82185	1
1707.21	1710.71	1349.71	58.87083	79.99667	58.57583	53.34832	68.76594	0	31.23406	20.54555	10.68852	31.51935	1
1707.215	1710.715	1349.715	57.98581	54.82104	57.98581	58.17462	73.38636	0	26.61364	22.2111	4.402541	30.05724	1
1707.22	1710.72	1349.72	56.69959	71.02924	56.58159	51.62548	71.56182	0	28.43818	17.98374	10.45444	31.24014	1
1707.225	1710.725	1349.725	60.86507	60.04276	60.21606	58.11562	74.50364	0	25.49636	14.28937	11.20699	30.93367	1
1707.23	1710.73	1349.73	61.9035	46.66124	61.36068	59.35464	75.96355	0	24.03645	11.4775	12.55895	30.76015	1

1707.235	1710.735	1349.735	71.47349	62.27069	71.14309	71.02508	61.73553	0.016072	38.24839	10.48284	27.76556	31.23029	1
1707.24	1710.74	1349.74	73.23173	84.17404	74.11675	74.50615	45.3978	4.047009	50.55519	34.29939	16.2558	28.6349	1
1707.245	1710.745	1349.745	76.4886	94.61747	76.8426	77.22021	43.98951	4.726029	51.28446	21.88266	29.4018	28.46939	1
1707.25	1710.75	1349.75	71.29649	89.13119	72.41751	72.57091	44.14955	4.197	51.65345	33.94712	17.70632	28.39259	1
1707.255	1710.755	1349.755	65.26656	72.22676	65.79758	65.11316	58.36055	0.709509	40.92994	22.82609	18.10385	30.1512	1
1707.26	1710.76	1349.76	60.86507	61.0314	60.59367	59.67325	71.33793	0	28.66207	17.91171	10.75037	30.50039	1
1707.265	1710.765	1349.765	62.0097	67.03289	61.69109	60.98308	69.19832	0	30.80168	19.85564	10.94605	30.58037	1
1707.27	1710.77	1349.77	66.9658	71.40521	66.9186	62.61151	61.47721	0.22967	38.29312	13.1665	25.12662	31.45195	1
1707.275	1710.775	1349.775	65.53797	81.24988	64.70015	61.87989	66.53568	0	33.46432	8.851591	24.61273	31.40466	1
1707.28	1710.78	1349.78	63.90954	85.24623	62.95372	62.94192	67.98124	0	32.01876	9.060397	22.95836	30.9249	1
1707.285	1710.785	1349.785	68.14582	108.7648	67.74462	67.30801	54.09412	2.473695	43.43219	24.44923	18.98296	28.79916	1
1707.29	1710.79	1349.79	81.29129	65.83538	82.42412	83.99355	40.50047	6.664776	52.83476	26.84145	25.99331	28.72587	1
1707.295	1710.795	1349.795	80.41808	71.92042	81.7279	81.22049	38.45947	7.120339	54.42019	29.94716	24.47303	28.8727	1
1707.3	1710.8	1349.8	81.06709	89.07549	82.67192	83.81655	31.42455	9.455669	59.11978	29.4608	29.65898	28.12111	1
1707.305	1710.805	1349.805	80.08767	109.7953	81.94031	83.27373	25.39095	10.98743	63.62162	27.94844	35.67318	27.84768	1
1707.31	1710.81	1349.81	75.96938	161.2605	78.97845	80.76028	7.762902	14.98268	77.25442	71.25271	6.001711	-9999	1
1707.315	1710.815	1349.815	74.50615	144.2029	76.07559	79.94607	24.39414	9.903501	65.70236	44.88063	20.82173	26.64909	1
1707.32	1710.82	1349.82	76.524	127.0199	78.32943	79.03745	24.86696	10.15179	64.98125	41.5134	23.46786	27.60688	1
1707.325	1710.825	1349.825	76.9488	83.64491	77.42081	77.03141	45.30696	4.39212	50.30092	29.55357	20.74735	28.9538	1
1707.33	1710.83	1349.83	77.12581	84.8285	78.21143	79.35605	40.10219	5.916827	53.98099	33.33744	20.64354	28.31182	1
1707.335	1710.835	1349.835	76.524	88.64383	77.59782	80.04047	39.824	5.905331	54.27067	28.88078	25.38989	27.96236	1
1707.34	1710.84	1349.84	67.81542	158.573	67.013	65.01876	45.45387	5.253895	49.29223	16.53075	32.76148	27.0316	1
1707.345	1710.845	1349.845	55.28356	79.31436	53.36012	51.82609	84.85171	0	15.14829	8.81879	6.329504	32.79289	1
1707.35	1710.85	1349.85	60.94768	113.8612	60.00366	52.2745	63.68987	1.363628	34.9465	15.73447	19.21203	30.96842	1
1707.355	1710.855	1349.855	70.06926	124.2211	70.56487	69.11344	41.63379	5.204411	53.1618	35.95141	17.21039	27.68978	1
1707.36	1710.86	1349.86	73.68014	119.5425	74.71856	82.16451	35.23723	6.872788	57.88998	34.68328	23.2067	26.16779	1
1707.365	1710.865	1349.865	71.7685	154.326	72.52371	72.24051	30.77316	8.108641	61.1182	24.44694	36.67126	26.79044	1
1707.37	1710.87	1349.87	67.40241	108.1382	67.1546	64.14554	53.74082	2.518592	43.74059	29.78582	13.95477	29.19601	1
1707.375	1710.875	1349.875	59.99186	102.3735	59.80305	55.49596	61.49635	1.186473	37.31718	26.27745	11.03974	30.19401	1
1707.38	1710.88	1349.88	58.87083	63.49605	58.91803	57.384	70.10698	0	29.89302	7.78479	22.10823	30.43951	1
1707.385	1710.885	1349.885	60.00366	65.73791	59.72045	58.61123	71.08291	0	28.91709	6.937463	21.97963	30.58135	1
1707.39	1710.89	1349.89	62.57611	112.9701	61.85629	54.70535	60.66979	1.671352	37.65886	15.9917	21.66716	30.48575	1
1707.395	1710.895	1349.895	61.23088	108.8345	60.23966	55.21276	65.01161	1.004159	33.98423	15.42952	18.55472	30.86883	1
1707.4	1710.9	1349.9	59.86205	51.3399	58.61123	56.65239	82.19655	0	17.80345	12.86627	4.937176	31.5492	1
1707.405	1710.905	1349.905	58.46962	60.15415	59.01244	59.55525	67.44385	0	32.55615	24.24847	8.307672	29.76511	1
1707.41	1710.91	1349.91	53.74953	74.34329	52.87631	55.48416	79.3268	0	20.6732	14.29065	6.382556	30.77376	1
1707.415	1710.915	1349.915	61.9507	150.9424	59.03604	52.4869	69.06592	2.133442	28.80064	19.18753	9.613108	30.9089	1
1707.42	1710.92	1349.92	74.05775	121.3109	74.63596	77.38541	38.0285	6.229609	55.74189	20.78393	34.95796	27.0618	1
1707.425	1710.925	1349.925	73.57394	81.69547	74.09315	76.33519	48.51779	3.300973	48.18123	21.62896	26.55227	28.6319	1
1707.43	1710.93	1349.93	71.40269	127.2288	72.81872	76.19359	32.54593	7.313985	60.14009	33.80028	26.33981	26.66411	1
1707.435	1710.935	1349.935	69.56185	101.3709	70.48227	68.81844	44.33809	4.195779	51.46613	16.8574	34.60873	28.3746	1
1707.44	1710.94	1349.94	69.01904	87.16782	69.73886	70.02206	49.8293	2.791259	47.37944	31.42098	15.95845	28.75909	1
1707.445	1710.945	1349.945	70.14006	78.22825	70.55307	70.43507	53.33909	1.987642	44.67327	14.37349	30.29978	29.49394	1
1707.45	1710.95	1349.95	69.91586	104.9634	70.76548	70.35247	43.69172	4.421858	51.88642	24.65309	27.23333	28.03962	1
1707.455	1710.955	1349.955	72.51191	97.79227	73.68014	77.58602	40.56957	5.255015	54.17541	32.28401	21.8914	27.37091	1
1707.46	1710.96	1349.96	75.41477	134.5253	76.31159	78.14063	31.11294	8.204422	60.68263	39.65487	21.02776	26.9854	1
1707.465	1710.965	1349.965	78.71884	141.7104	78.80144	79.80446	32.64459	8.007677	59.34773	27.75445	31.59328	27.13511	1
1707.47	1710.97	1349.97	72.73612	174.6002	72.28771	70.06926	34.30469	7.645089	58.05022	35.95124	22.09898	26.69313	1
1707.475	1710.975	1349.975	69.27865	105.1723	69.44385	71.8747	49.53162	3.239312	47.22907	18.01729	29.21178	27.92328	1
1707.48	1710.98	1349.98	75.43837	128.3846	76.28799	75.74518	32.9431	7.699967	59.35693	39.02601	20.33092	27.52968	1
1707.485	1710.985	1349.985	82.89613	172.3305	85.36238	87.45102	2.918137	18.93388	78.14798	78.14798	0	-9999	1
1707.49	1710.99	1349.99	74.17575	265.3467	77.05501	60.12166	0	20.68912	79.31088	79.31088	0	-9999	1
1707.495	1710.995	1349.995	75.52098	204.0646	78.02263	81.4093	1.749269	16.43711	81.81362	81.81362	0	-9999	1
1707.5	1711	1350	79.53306	178.332	80.57148	79.22625	15.62548	13.15412	71.22041	41.31684	29.90357	27.89246	1
1707.505	1711.005	1350.005	72.86592	221.8602	71.53249	65.67957	29.60724	9.3753	61.01746	31.10005	29.91741	26.39962	1
1707.51	1711.01	1350.01	67.93342	109.9763	66.9894	63.86234	58.20315	1.80289	39.99396	24.24471	15.74926	29.81698	1
1707.515	1711.015	1350.015	70.44687	124.3882	70.34067	68.40543	45.91	4.362938	49.72706	21.98552	27.74154	28.04419	1
1707.52	1711.02	1350.02	68.75944	173.8901	70.50587	74.69496	21.12505	10.14178	68.73318	35.47673	33.25645	25.97996	1
1707.525	1711.025	1350.025	69.66806	248.86	72.55911	67.1192	0	17.4217	82.5783	82.5783	0	-9999	1
1707.53	1711.03	1350.03	68.99544	107.9851	70.69468	72.42931	37.22274	5.694838	57.08242	38.92996	18.15246	27.29767	1
1707.535	1711.035	1350.035	63.47293	64.65179	63.93314	64.67655	62.39255	0	37.60745	10.96823	26.63922	30.33532	1
1707.54	1711.04	1350.04	67.2136	125.2655	68.93644	68.73584	34.49727	6.349235	59.1535	23.14332	36.01018	27.16252	1
1707.545	1711.045	1350.045	63.37853	129.4289	65.44357	65.64417	34.36588	6.012514	59.6216	32.55145	27.07015	26.80833	1
1707.55	1711.05	1350.05	61.03028	89.03372	61.37248	63.57913	59.65388	0.924776	39.42134	24.97192	14.44942	29.11725	1
1707.555	1711.055	1350.055	64.01574	100.2569	64.51135	67.40241	53.00237	2.328163	44.66947	18.39894	26.27053	28.00084	1
1707.56	1711.06	1350.06	64.00394	169.1	65.58517	69.56185	27.93962	8.260988	63.79939	29.66538	34.13401	25.37954	1
1707.565	1711.065	1350.065	67.86262	145.4282	70.02206	75.28497	25.63706	8.561797	65.80114	33.18816	32.61298	26.03762	1
1707.57	1711.07	1350.07	66.52919	195.1111	66.29319	64.16914	33.40529	8.266628	58.32808	34.72804	23.60004	25.79441	1
1707.575	1711.075	1350.075	67.85082	92.12497	67.42601	67.85082	58.57527	1.273085	40.15164	11.21112	28.94052	29.64895	1
1707.58	1711.08	1350.08	73.76274	109.7256	75.13157	77.77482	34.97626	6.882094	58.14165	35.22787	22.91378	27.26206	1
1707.585	1711.085	1350.085	81.29129	85.20446	82.23531	84.93757	37.27638	7.44058	55.28304	31.14717	24.13587	28.02502	1
1707.59	1711.09	1350.09	85.79899	88.44888	87.53362	88.97325	26.21688	12.94041	60.84272	44.2341	16.60861	28.14247	1
1707.595	1711.095	1350.095	84.20595	156.1641	87.36842	90.82589	0.229711	21.35687	78.41342	78.41342	0	-9999	1

1707.6	1711.1	1350.1	78.03443	229.477	81.95211	88.54844	0	23.35749	76.64251	76.64251	0	-9999	1
1707.605	1711.105	1350.105	75.63898	168.181	77.22021	86.05859	17.45779	12.02385	70.51836	57.19828	13.32008	25.87903	1
1707.61	1711.11	1350.11	77.12581	124.6388	78.35303	84.39476	29.37066	8.929684	61.69966	29.50783	32.19182	26.50401	1
1707.615	1711.115	1350.115	77.52702	192.1034	80.98449	82.86073	0	19.21172	80.78828	80.78828	0	-9999	1
1707.62	1711.12	1350.12	77.40901	194.8605	80.47708	85.12637	0	18.3048	81.6952	81.6952	0	-9999	1
1707.625	1711.125	1350.125	73.12553	195.6263	73.47953	77.32641	22.63939	10.56295	66.79766	46.98237	19.81529	25.62447	1
1707.63	1711.13	1350.13	72.67712	127.9111	73.53853	78.76604	35.50657	6.782334	57.71109	36.08469	21.6264	26.35081	1
1707.635	1711.135	1350.135	66.41119	62.82767	66.52919	66.24598	62.78289	0	37.21711	20.24373	16.97338	30.79246	2
1707.64	1711.14	1350.14	66.31679	50.00314	65.89198	64.53495	70.18006	0	29.81994	23.78346	6.036471	30.66792	2
1707.645	1711.145	1350.145	60.27506	45.10169	59.68505	58.63483	78.20493	0	21.79507	5.774374	16.0207	30.67885	2
1707.65	1711.15	1350.15	66.10438	64.62394	65.25476	63.99214	70.12951	0	29.87049	19.67284	10.19765	30.87132	2
1707.655	1711.155	1350.155	73.33793	66.53161	73.82174	77.38541	52.67893	2.144334	45.17674	30.72089	14.45585	29.16595	2
1707.66	1711.16	1350.16	73.56214	56.50591	73.53853	75.70978	58.83131	0.59902	40.56967	22.95427	17.6154	30.55353	2
1707.665	1711.165	1350.165	71.49709	103.0558	71.59149	73.00752	48.55157	3.465384	47.98305	14.87275	33.1103	28.19732	2
1707.67	1711.17	1350.17	66.8124	86.12348	66.19878	64.29894	62.44621	0.475	37.07879	11.05668	26.02211	30.80141	2
1707.675	1711.175	1350.175	64.49955	80.49795	64.60575	66.9186	60.35684	0.625218	39.01794	27.92735	11.09058	29.65211	2
1707.68	1711.18	1350.18	70.22267	86.29058	70.62387	73.33793	51.40346	2.53282	46.06372	24.40266	21.66105	28.55963	2
1707.685	1711.185	1350.185	73.37333	73.57744	73.30253	73.84534	55.23951	1.621663	43.13883	24.40635	18.73248	29.91359	2
1707.69	1711.19	1350.19	78.10523	94.72887	77.32641	76.819	51.25463	2.711876	46.0335	30.95751	15.07599	29.43023	2
1707.695	1711.195	1350.195	76.8308	108.8205	75.06077	73.12553	56.69887	1.407159	41.89397	17.42012	24.47385	30.06953	2
1707.7	1711.2	1350.2	68.35823	83.17147	67.36701	67.83902	64.66489	0	35.33511	21.38728	13.94783	30.93757	2
1707.705	1711.205	1350.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1708.015	1711.515	1350.515	42.7399	57.82875	41.67788	42.5511	94.9154	0	5.084598	5.084598	0	33.55262	2
1708.02	1711.52	1350.52	53.95013	88.08685	53.77313	54.75255	70.42064	0	29.57936	24.16783	5.411533	30.40092	2
1708.025	1711.525	1350.525	58.61123	102.5962	59.90925	60.40486	51.18967	2.364734	46.4456	32.90278	13.54282	27.86384	2
1708.03	1711.53	1350.53	56.73499	95.35547	55.89717	53.65513	71.22087	0	28.77913	5.181195	23.59794	31.50767	2
1708.035	1711.535	1350.535	52.5813	82.73981	52.2627	46.86999	74.07137	0	25.92863	15.68339	10.24524	31.70245	2
1708.04	1711.54	1350.54	49.92625	61.24027	49.80825	49.73745	80.16222	0	19.83778	19.83778	0	30.63922	2
1708.045	1711.545	1350.545	50.13865	72.57487	50.95287	51.47208	69.99914	0	30.00086	15.25417	14.74669	29.49194	2
1708.05	1711.55	1350.55	49.45424	70.152	49.69024	49.01763	75.69628	0	24.30372	19.68862	4.615103	30.31086	2
1708.055	1711.555	1350.555	52.97071	59.15158	53.59612	55.83817	72.10531	0	27.89469	21.14111	6.753574	29.19926	2
1708.06	1711.56	1350.56	51.35408	102.3038	52.5105	52.67571	59.03444	1.208221	39.75734	14.96131	24.79603	28.40529	2
1708.065	1711.565	1350.565	55.69657	189.6527	53.21852	52.5813	62.0681	5.044863	32.88703	25.9047	6.982329	26.88771	2
1708.07	1711.57	1350.57	55.02395	141.4458	52.3807	50.36286	75.6333	1.678367	22.68834	22.68834	0	31.29109	2
1708.075	1711.575	1350.575	58.45782	210.2193	57.2896	54.33954	44.39947	7.489859	48.11067	17.61382	30.49685	25.11263	2
1708.08	1711.58	1350.58	56.86479	112.3435	56.51078	55.18916	63.24083	1.401521	35.35765	17.52952	17.82813	29.44424	2
1708.085	1711.585	1350.585	61.70289	156.5818	62.3165	62.3401	40.58504	5.863018	53.55194	22.62038	30.93156	26.08285	2
1708.09	1711.59	1350.59	61.86809	134.4696	64.03934	68.40543	33.71256	6.088485	60.19895	39.7783	20.42065	25.84451	2
1708.095	1711.595	1350.595	61.06568	86.66654	61.30168	59.21304	61.01724	0.665383	38.31738	12.00897	26.30841	30.18703	2
1708.1	1711.6	1350.6	57.384	93.80984	55.90897	53.69053	75.93622	0	24.06378	11.16913	12.89465	31.99564	2
1708.105	1711.605	1350.605	58.04482	132.4784	58.68203	55.80277	49.6006	3.70584	46.69356	33.10458	13.58898	27.5097	2
1708.11	1711.61	1350.61	55.97977	202.8532	57.1716	54.77615	30.1715	8.622816	61.20568	38.99263	22.21305	25.08095	2
1708.115	1711.615	1350.615	58.43422	210.0522	59.08324	54.87055	30.37803	9.006794	60.61517	40.69623	19.91894	25.36706	2
1708.12	1711.62	1350.62	49.52504	143.7573	49.76105	50.96467	57.81866	3.284636	38.8967	23.28376	15.61294	26.74545	2
1708.125	1711.625	1350.625	55.30716	179.8359	57.4548	56.62879	28.95289	7.729888	63.31722	29.9509	33.36632	25.44514	2
1708.13	1711.63	1350.63	61.87989	228.3073	64.39335	62.80031	8.340882	12.81514	78.84398	66.80544	12.03854	27.27391	2
1708.135	1711.635	1350.635	54.03273	127.7023	54.92955	53.39552	52.4356	3.065678	44.49873	15.17637	29.32236	27.38812	2
1708.14	1711.64	1350.64	55.84997	121.9793	56.74679	58.19822	52.1487	2.912012	44.93928	27.07972	17.85957	27.08423	2
1708.145	1711.645	1350.645	53.54892	109.7535	54.05633	55.95617	60.24222	1.52636	38.23142	26.65084	11.58059	28.20046	2
1708.15	1711.65	1350.65	61.9271	222.9881	63.83874	60.80607	14.24875	11.78642	73.96483	52.12458	21.84025	26.6494	2
1708.155	1711.655	1350.655	53.91473	173.5559	53.96193	55.18916	48.03212	5.554764	46.41312	26.3921	20.02102	25.22774	2
1708.16	1711.66	1350.66	48.06181	114.822	47.22399	47.11779	74.48929	0.683043	24.82767	8.811238	16.01643	30.86091	2
1708.165	1711.665	1350.665	55.40156	150.0651	56.08598	52.87631	47.4106	4.586551	48.00285	28.62912	19.37373	26.75669	2
1708.17	1711.67	1350.67	53.15952	141.1952	54.51654	56.55799	46.40705	4.190817	49.40213	17.24308	32.15906	25.82508	2
1708.175	1711.675	1350.675	50.41006	137.895	52.1683	57.64361	46.62582	3.87393	49.50025	21.54184	27.95842	25.12071	2
1708.18	1711.68	1350.68	53.26572	157.4034	54.11534	55.44876	46.31939	4.94602	48.73459	29.85946	18.87513	25.50688	2
1708.185	1711.685	1350.685	49.64304	166.4683	50.28026	50.37466	49.10468	5.052228	45.84309	28.16536	17.67773	25.41488	2
1708.19	1711.69	1350.69	49.27724	94.82634	50.81127	53.83213	59.82822	0.694195	39.47758	10.80409	28.67349	28.06672	2
1708.195	1711.695	1350.695	50.74047	109.9206	52.77011	55.75557	50.98827	2.201528	46.8102	28.977	17.83321	26.70396	2
1708.2	1711.7	1350.7	48.66362	98.87839	49.63124	51.35408	63.80184	0.583031	35.61513	21.09391	14.52122	28.78631	2
1708.205	1711.705	1350.705	50.79947	68.36965	49.98525	47.96741	83.02921	0	16.97079	6.619106	10.35168	31.91177	2
1708.21	1711.71	1350.71	51.48388	40.5762	50.77587	50.00885	88.3025	0	11.6975	11.04168	0.655821	31.76629	2
1708.215	1711.715	1350.715	56.31018	78.67383	56.72319	54.12714	65.95475	0	34.04525	21.29844	12.74681	30.59989	2
1708.22	1711.72	1350.72	54.57554	71.01532	53.87933	50.88207	78.00045	0	21.99955	6.529727	15.46982	31.51281	2
1708.225	1711.725	1350.725	50.20946	91.65154	48.92323	43.47152	81.59588	0	18.40412	4.052524	14.35159	33.18972	2
1708.23	1711.73	1350.73	45.80796	89.71602	44.03793	38.78682	89.86318	0	10.13682	10.13682	0	34.84784	2
1708.235	1711.735	1350.735	44.59254	37.08114	44.08513	42.23249	93.93366	0	6.066341	6.066341	0	32.88911	2
1708.24	1711.74	1350.74	48.05001	40.07492	47.2948	46.78738	91.94878	0	8.05122	8.05122	0	32.428	2
1708.245	1711.745	1350.745	53.13592	58.17686	52.03849	51.79069	85.54118	0	14.45882	14.45882	0	31.82742	2
1708.25	1711.75	1350.75	64.95976	80.19161	65.30197	65.39637	58.17855	0.960792	40.86066	13.18366	27.677	29.75317	2
1708.255	1711.755	1350.755	62.87112	80.73467	63.10712	60.10986	60.79175	0.530957	38.6773	17.58954	21.08775	30.58791	2
1708.26	1711.76	1350.76	60.39306	78.75738	60.09806	57.3722	67.66539	0	32.33461	14.51641	17.8182	31.06528	2
1708.265	1711.765	1350.765	58.43422	79.8992	57.57281	55.63757	73.5809	0	26.4191	4.362334	22.05677	31.26076	2

1708.27	1711.77	1350.77	57.72621	119.6121	57.84421	52.5223	57.03125	2.3583	40.61045	12.68444	27.92601	29.08805	2
1708.275	1711.775	1350.775	62.71771	147.6701	61.34888	57.62001	57.17196	3.377553	39.45049	29.0167	10.43378	28.42365	2
1708.28	1711.78	1350.78	66.16338	165.4657	67.0248	74.39995	32.411	7.608224	59.98077	34.54955	25.43122	24.76566	2
1708.285	1711.785	1350.785	60.86507	118.6513	59.04784	53.63153	69.37411	0.895423	29.73047	23.45638	6.274087	31.53492	2
1708.29	1711.79	1350.79	62.39911	82.41954	61.58489	55.75557	68.95747	0	31.04253	8.732752	22.30978	31.89985	2
1708.295	1711.795	1350.795	66.56459	115.0866	67.072	68.57063	46.97719	3.82864	49.19417	19.20135	29.99282	27.4702	2
1708.3	1711.8	1350.8	59.87385	160.1465	59.73225	53.30112	47.25802	5.115649	47.62633	32.4221	15.20423	27.36781	2
1708.305	1711.805	1350.805	56.18038	89.89704	54.95315	52.01489	76.06996	0	23.93004	9.571167	14.35887	31.97443	2
1708.31	1711.81	1350.81	54.70535	72.76982	53.18312	52.97071	83.85808	0	16.14192	4.859682	11.28224	32.0879	2
1708.315	1711.815	1350.815	53.69053	73.66099	52.5695	49.46604	81.46668	0	18.53332	15.67228	2.861036	32.16525	2
1708.32	1711.82	1350.82	55.67297	43.70923	55.18916	55.08296	81.95276	0	18.04724	15.90473	2.14251	30.718	2
1708.325	1711.825	1350.825	58.80003	74.42684	58.61123	56.60519	69.35591	0	30.64409	19.66632	10.97777	30.78213	2
1708.33	1711.83	1350.83	54.32774	51.59054	53.36012	50.11505	85.03262	0	14.96738	4.004468	10.96291	32.08149	2
1708.335	1711.835	1350.835	53.21852	46.60554	52.80551	52.3453	82.96124	0	17.03876	12.49122	4.547538	30.90651	2
1708.34	1711.84	1350.84	57.3958	54.69572	56.99459	56.75859	77.06886	0	22.93114	14.01911	8.912026	30.48943	2
1708.345	1711.845	1350.845	49.08843	33.61392	48.87603	49.32444	88.35021	0	11.64979	11.64979	0	31.10157	2
1708.35	1711.85	1350.85	54.61095	76.18134	55.27176	57.4548	66.20074	0	33.79926	17.20203	16.59723	29.46784	2
1708.355	1711.855	1350.855	59.51985	60.00098	59.28384	58.64663	72.55054	0	27.44946	11.35723	16.09223	30.40008	2
1708.36	1711.86	1350.86	46.96439	31.81765	46.99979	47.14139	88.81854	0	11.18146	11.18146	0	31.02954	2
1708.365	1711.865	1350.865	57.0182	61.57446	57.3486	59.66145	70.08159	0	29.91841	12.22199	17.69642	29.48749	2
1708.37	1711.87	1350.87	51.24788	24.79966	51.09447	51.28328	88.03931	0	11.96069	8.659931	3.300759	30.8807	2
1708.375	1711.875	1350.875	49.27724	41.07749	48.49842	46.77558	90.76001	0	9.239985	9.239985	0	32.44691	2
1708.38	1711.88	1350.88	49.33624	60.48834	47.7314	43.83732	92.40994	0	7.590061	7.590061	0	34.13042	2
1708.385	1711.885	1350.885	49.17103	52.99692	50.03245	51.46028	75.26141	0	24.73859	9.220512	15.51808	29.12102	2
1708.39	1711.89	1350.89	46.44518	34.04558	46.24457	46.78738	90.58609	0	9.413912	2.89842	6.515492	31.48046	2
1708.395	1711.895	1350.895	46.89359	26.19212	46.89359	47.87301	90.51941	0	9.480593	6.043704	3.43689	31.06989	2
1708.4	1711.9	1350.9	47.3892	34.81143	46.97619	46.06757	91.17839	0	8.821612	8.821612	0	32.01394	2
1708.405	1711.905	1350.905	46.88179	43.1244	45.84337	45.00555	94.48042	0	5.519583	5.519583	0	33.28572	2
1708.41	1711.91	1350.91	58.41062	65.18092	58.29262	57.73801	71.40296	0	28.59704	19.27646	9.320576	30.35663	2
1708.415	1711.915	1350.915	44.73414	32.31893	44.12053	43.89633	95.7789	0	4.221095	4.221095	0	32.94632	2
1708.42	1711.92	1350.92	52.5341	42.40032	51.71989	49.78465	87.71793	0	12.28207	12.28207	0	31.97678	2
1708.425	1711.925	1350.925	51.94409	57.92622	51.55468	49.19463	81.2112	0	18.7888	6.261874	12.52692	31.27212	2
1708.43	1711.93	1350.93	51.62548	61.69978	52.01489	52.73471	74.5553	0	25.4447	5.705958	19.73875	29.74559	2
1708.435	1711.935	1350.935	51.25968	90.55149	51.33048	50.89387	70.37892	0	29.62108	15.77638	13.84469	30.52864	2
1708.44	1711.94	1350.94	48.53382	53.52606	47.77861	45.65456	88.2485	0	11.7515	9.022326	2.729174	32.36031	2
1708.445	1711.945	1350.945	58.55223	84.92597	57.73801	57.2542	71.89005	0	28.10995	13.31283	14.79712	30.99375	2
1708.45	1711.95	1350.95	55.57857	121.5476	54.06813	51.90869	71.15904	1.093673	27.74728	18.44952	9.297765	30.83463	2
1708.455	1711.955	1350.955	49.24184	96.06562	48.80523	47.11779	74.83335	0	25.16665	18.6778	6.488852	31.42352	2
1708.46	1711.96	1350.96	55.53136	80.85999	55.04755	51.43668	73.09255	0	26.90745	22.52722	4.380225	31.38443	2
1708.465	1711.965	1350.965	59.02424	99.1708	58.77643	59.70865	63.61886	0.811545	35.5696	9.618719	25.95088	29.60146	2
1708.47	1711.97	1350.97	49.02943	47.35747	48.20341	46.97619	89.83405	0	10.16595	10.16595	0	32.36421	2
1708.475	1711.975	1350.975	51.70809	49.54363	51.28328	50.35106	83.73127	0	16.26873	16.26873	0	31.15381	2
1708.48	1711.98	1350.98	53.25392	51.77156	52.91171	53.71413	81.12978	0	18.87022	9.909986	8.960231	30.5297	2
1708.485	1711.985	1350.985	48.61642	37.70774	49.10023	51.23608	82.39809	0	17.60191	8.334451	9.267458	29.57508	2
1708.49	1711.99	1350.99	43.76652	53.23364	44.27393	43.53052	82.91983	0	17.08017	17.08017	0	30.44658	2
1708.495	1711.995	1350.995	46.05577	41.96866	46.57498	43.14111	83.44839	0	16.55161	15.01143	1.540177	30.76692	2
1708.5	1712	1351	44.72234	23.5186	44.15593	43.57772	97.55363	0	2.446367	2.446367	0	33.17308	2
1708.505	1712.005	1351.005	37.42979	35.32664	36.72178	35.43555	100	0	0	0	0	34.14892	2
1708.51	1712.01	1351.01	52.92351	50.4348	52.68751	51.55468	80.93419	0	19.06581	14.82757	4.238246	30.77714	2
1708.515	1712.015	1351.015	61.45509	103.2786	60.85327	56.25118	63.13196	1.018854	35.84919	12.78327	23.06592	30.59795	2
1708.52	1712.02	1351.02	65.37277	88.50458	65.07776	65.18396	60.72524	0.826495	38.44826	18.94097	19.5073	29.96787	2
1708.525	1712.025	1351.025	65.10136	105.9103	66.22238	66.29319	45.78853	3.683225	50.52825	18.62362	31.90462	27.79202	2
1708.53	1712.03	1351.03	61.59669	100.2012	62.52891	62.65871	51.85765	2.370567	45.77178	18.41383	27.35796	28.23414	2
1708.535	1712.035	1351.035	55.55496	97.05427	55.64937	55.16556	64.67068	0.583113	34.7462	18.90194	15.84426	29.86963	2
1708.54	1712.04	1351.04	53.70233	52.8716	53.56072	52.86451	78.89635	0	21.10365	16.20565	4.897996	30.50212	2
1708.545	1712.045	1351.045	50.71687	39.37869	50.35106	50.85847	86.64585	0	13.35415	13.35415	0	31.04226	2
1708.55	1712.05	1351.05	57.74981	52.84375	57.325	54.59915	77.37425	0	22.62575	6.902521	15.72323	30.95126	8
1708.555	1712.055	1351.055	65.07776	46.61947	64.53495	63.03632	73.05334	0	26.94666	6.165071	20.78159	30.63651	8
1708.56	1712.06	1351.06	69.38485	85.20446	68.34643	67.54401	63.59423	0.17748	36.2283	27.17706	9.051231	31.00878	8
1708.565	1712.065	1351.065	73.10193	110.5611	71.9573	71.7449	54.86127	2.206093	42.93263	26.57452	16.35812	29.14977	8
1708.57	1712.07	1351.07	68.21663	90.66289	67.82722	69.39665	58.3182	1.279007	40.4028	28.60707	11.79573	29.44921	8
1708.575	1712.075	1351.075	70.83628	65.76576	70.29347	68.21663	63.1221	0	36.8779	15.85143	21.02647	31.44294	8
1708.58	1712.08	1351.08	69.80966	74.0091	69.29045	69.60905	61.88879	0.225767	37.88544	10.86089	27.02455	30.78249	8
1708.585	1712.085	1351.085	63.63813	66.76832	63.88594	64.05114	63.3745	0	36.6255	11.58538	25.04012	30.47146	8
1708.59	1712.09	1351.09	58.85903	130.8631	58.36342	56.29838	58.02179	2.721541	39.25667	28.46129	10.79537	28.39408	2
1708.595	1712.095	1351.095	48.51022	54.25013	47.6134	47.4718	89.19241	0	10.80759	5.292453	5.51514	32.26264	2
1708.6	1712.1	1351.1	57.59641	71.01532	56.49898	53.98553	78.33062	0	21.66938	19.7731	1.896281	31.61501	2
1708.605	1712.105	1351.105	61.27808	57.20214	60.81787	59.76765	73.34787	0	26.65213	9.423845	17.22829	30.582	2
1708.61	1712.11	1351.11	64.86536	84.36898	64.53495	63.73253	62.46723	0.434905	37.09786	26.46108	10.63678	30.50465	2
1708.615	1712.115	1351.115	63.54373	125.1262	62.3047	58.91803	60.86167	2.049137	37.08919	12.20197	24.88722	29.56567	2
1708.62	1712.12	1351.12	56.10958	94.84026	55.50776	53.93833	70.09189	0	29.90811	19.5961	10.31201	31.2228	2
1708.625	1712.125	1351.125	54.10354	46.34098	53.83213	54.11534	81.11362	0	18.88638	11.34561	7.540769	30.48236	2
1708.63	1712.13	1351.13	52.88811	35.77223	52.64031	53.06511	84.60655	0	15.39345	3.484838	11.90861	30.63282	2

1708.635	1712.135	1351.135	55.24816	48.87525	54.88235	53.64333	80.17889	0	19.82111	19.82111	0	30.77943	2
1708.64	1712.14	1351.14	63.30772	59.13766	62.78851	61.06568	71.46946	0	28.53054	10.47612	18.05442	30.75734	2
1708.645	1712.145	1351.145	65.60877	103.7659	64.19274	61.64389	65.5028	0.579552	33.91764	19.40542	14.51222	30.95772	2
1708.65	1712.15	1351.15	59.08324	117.3284	56.71139	54.46934	75.63177	0.290716	24.07752	13.17016	10.90735	32.33381	2
1708.655	1712.155	1351.155	66.7888	57.02112	66.15158	66.69439	69.6936	0	30.3064	11.79606	18.51034	30.43316	2
1708.66	1712.16	1351.16	65.83298	57.98192	66.03358	64.81816	63.84736	0	36.15264	7.673192	28.47945	30.78655	2
1708.665	1712.165	1351.165	67.1428	63.62137	67.1074	67.131	63.1066	0	36.8934	9.103347	27.79005	30.7886	2
1708.67	1712.17	1351.17	62.65871	63.71884	61.83269	60.62907	73.33566	0	26.66434	23.52972	3.134625	30.84167	2
1708.675	1712.175	1351.175	61.37248	43.98772	61.25448	61.18368	73.8068	0	26.1932	15.74656	10.44663	30.10866	2
1708.68	1712.18	1351.18	67.54401	105.5761	66.28139	69.64445	62.09544	1.054663	36.84989	10.18437	26.66552	29.32845	2
1708.685	1712.185	1351.185	74.27015	76.82187	74.03414	74.76576	54.90961	1.745654	43.34474	20.72745	22.61729	29.80604	2
1708.69	1712.19	1351.19	72.87772	74.49646	72.45291	72.54731	58.21662	0.956039	40.82734	20.76064	20.0667	30.38705	2
1708.695	1712.195	1351.195	61.9625	44.28014	61.83269	61.56129	73.28468	0	26.71532	9.683366	17.03195	30.16229	2
1708.7	1712.2	1351.2	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1709.025	1712.525	1351.525	65.17216	34.51901	64.81816	67.29621	74.43157	0	25.56843	20.85915	4.709285	29.75187	2
1709.03	1712.53	1351.53	74.23475	59.66679	73.98694	73.85714	59.18516	0.557722	40.25712	12.23002	28.0271	30.99715	2
1709.035	1712.535	1351.535	76.7718	139.2596	75.43837	71.9455	46.00317	4.317309	49.67952	31.31287	18.36665	28.42523	2
1709.04	1712.54	1351.54	78.22323	148.8258	77.99903	76.32339	33.75636	7.629255	58.61438	29.90661	28.70777	27.45468	2
1709.045	1712.545	1351.545	80.28827	113.6524	81.20869	81.91671	31.49767	8.824004	59.67833	23.40564	36.27269	27.75321	2
1709.05	1712.55	1351.55	74.70676	191.7553	72.38211	71.17849	42.88102	5.834587	51.28439	33.74959	17.5348	26.47894	2
1709.055	1712.555	1351.555	77.58602	66.58731	77.63322	76.38239	52.14093	2.503231	45.35584	21.81964	23.53621	30.1937	2
1709.06	1712.56	1351.56	77.01961	148.8955	78.65984	79.20265	20.39745	11.47992	68.12263	47.22299	20.89965	27.52884	2
1709.065	1712.565	1351.565	69.25505	173.9875	68.91284	59.59065	36.83248	7.139655	56.02787	25.9413	30.08657	27.78368	2
1709.07	1712.57	1351.57	65.27836	93.5035	63.90954	62.2221	67.92447	0	32.07553	14.34593	17.72959	31.41099	2
1709.075	1712.575	1351.575	71.46169	132.4505	71.04868	69.39665	45.40303	4.618376	49.97859	34.46492	15.51368	27.81967	2
1709.08	1712.58	1351.58	67.94522	236.2443	65.69137	60.02726	37.78659	8.66858	53.54483	35.59085	17.95398	25.49598	2
1709.085	1712.585	1351.585	60.54647	133.286	58.35162	56.39278	69.05209	1.545627	29.40229	12.00715	17.39513	30.39985	2
1709.09	1712.59	1351.59	60.95948	103.2786	60.26326	56.93559	64.31953	0.880345	34.80012	23.88654	10.91358	30.53773	2
1709.095	1712.595	1351.595	64.66475	129.5264	63.34313	65.07776	59.40566	2.348377	38.24597	11.01903	27.22694	28.35494	2
1709.1	1712.6	1351.6	73.18453	138.1735	73.70374	73.75094	35.20836	7.001666	57.78998	33.52973	24.26025	27.09334	2
1709.105	1712.605	1351.605	70.14006	268.1037	70.42327	59.47265	8.395196	14.60206	77.00274	60.33737	16.66537	28.43499	2
1709.11	1712.61	1351.61	73.66834	154.1032	74.88376	77.90462	25.5126	9.543572	64.94383	45.4483	19.49552	26.48336	2
1709.115	1712.615	1351.615	62.55251	216.36	60.46387	56.18038	46.27955	7.310967	46.40948	23.71913	22.69035	25.60781	2
1709.12	1712.62	1351.62	65.60877	112.8587	64.73555	60.65267	59.09557	1.818912	39.08551	12.50266	26.58285	29.87605	2
1709.125	1712.625	1351.625	70.32887	132.7708	70.25807	72.0753	43.71562	4.959887	51.32449	21.81673	29.50776	26.99192	2
1709.13	1712.63	1351.63	60.52287	96.03778	60.53467	57.1362	60.98637	1.009063	38.00457	16.48288	21.52168	30.13147	2
1709.135	1712.635	1351.635	58.49323	63.39858	57.78521	54.57554	76.33089	0	23.66911	15.64585	8.02326	31.28048	2
1709.14	1712.64	1351.64	60.57007	123.8034	58.08022	57.1126	73.61147	0.657285	25.73125	8.9689	16.76235	31.53025	2
1709.145	1712.645	1351.645	57.85601	45.88147	57.3132	56.36918	79.87594	0	20.12406	4.606222	15.51784	30.74588	2
1709.15	1712.65	1351.65	63.42573	53.94379	64.34615	64.62935	61.46069	0	38.53931	10.04002	28.4993	30.22363	2
1709.155	1712.655	1351.655	70.15187	93.28071	71.17849	74.11675	44.93004	3.980739	51.08922	23.79556	27.29366	27.7643	2
1709.16	1712.66	1351.66	71.8865	104.9495	73.51493	74.30555	35.84628	6.357671	57.79605	40.97297	16.82308	27.62782	2
1709.165	1712.665	1351.665	69.42025	117.4677	70.32887	67.1664	40.66439	5.226306	54.1093	33.35512	20.75419	28.07325	2
1709.17	1712.67	1351.67	73.76274	130.8074	75.41477	81.26769	27.67962	8.86546	63.45492	27.66157	35.79336	26.34428	2
1709.175	1712.675	1351.675	73.58574	157.2502	75.66258	81.10249	18.15104	11.42754	70.42142	56.29512	14.1263	26.57968	2
1709.18	1712.68	1351.68	72.98392	141.1812	74.42355	78.69524	27.5318	8.853858	63.61434	37.78281	25.83153	26.39445	2
1709.185	1712.685	1351.685	71.9101	116.4651	72.97212	76.8662	37.42748	6.130402	56.44212	29.06106	27.38106	26.8245	2
1709.19	1712.69	1351.69	73.60934	87.7805	73.32613	74.91916	53.23137	2.252326	44.5163	22.6602	21.8561	29.13716	8
1709.195	1712.695	1351.695	72.67712	43.24972	72.0753	71.07228	67.33467	0	32.66533	16.53944	16.12589	30.95179	8
1709.2	1712.7	1351.7	72.16971	77.08643	70.95428	67.96882	64.3685	0	35.6315	8.096621	27.53488	31.54911	8
1709.205	1712.705	1351.705	78.15243	131.6708	76.642	71.57969	47.94128	3.636872	48.42185	33.42545	14.9964	29.15148	8
1709.21	1712.71	1351.71	79.16725	153.3652	77.71582	77.37361	41.30032	5.376048	53.32363	31.99525	21.32838	27.4108	8
1709.215	1712.715	1351.715	80.38268	154.6602	77.65682	74.83656	49.74555	2.719775	47.53468	25.44326	22.09141	28.66603	8
1709.22	1712.72	1351.72	83.48614	99.31005	81.5391	79.10825	54.24928	1.098044	44.65268	20.92731	23.72537	30.50881	8
1709.225	1712.725	1351.725	84.24135	42.3864	84.20595	83.28553	52.5148	2.986012	44.49919	15.80755	28.69164	30.93335	8
1709.23	1712.73	1351.73	86.17659	106.5648	87.30942	90.73149	26.14948	12.24195	61.60857	44.87527	16.7333	27.54245	8
1709.235	1712.735	1351.735	75.88678	159.0465	77.31461	69.56185	20.62924	11.17796	68.1928	38.8877	29.3051	28.80746	8
1709.24	1712.74	1351.74	73.24353	99.63032	71.57969	70.56487	61.40013	0.622512	37.97736	20.86254	17.11482	30.58961	8
1709.245	1712.745	1351.745	81.5509	72.44955	82.28251	84.76057	41.77036	6.106385	52.12325	31.80681	20.31644	28.52477	8
1709.25	1712.75	1351.75	84.07615	60.65544	83.65134	84.08795	51.26359	2.969517	45.76689	20.07583	25.69106	30.21111	8
1709.255	1712.755	1351.755	86.2946	66.57338	85.40958	84.66616	51.3571	2.646459	45.99644	21.82548	24.17096	30.48336	8
1709.26	1712.76	1351.76	89.16206	72.11536	88.44224	88.32424	46.09756	4.59789	49.30455	34.28398	15.02058	29.75351	8
1709.265	1712.765	1351.765	92.17112	78.00545	92.48972	91.73451	33.85605	10.98586	55.15809	30.50699	24.6511	28.8187	8
1709.27	1712.77	1351.77	92.87913	89.49323	93.23314	94.23616	30.15028	12.42748	57.42224	32.52138	24.90086	28.25633	8
1709.275	1712.775	1351.775	89.20926	80.66505	88.94965	85.96419	40.41848	6.976862	52.60465	23.56173	29.04293	29.59369	8
1709.28	1712.78	1351.78	84.25315	89.74387	84.20595	85.43318	41.13489	6.150933	52.71418	24.92411	27.79006	28.53961	8
1709.285	1712.785	1351.785	74.89556	83.99302	73.37333	71.40269	62.56706	0	37.43294	11.26599	26.16694	31.44154	2
1709.29	1712.79	1351.79	71.7213	89.88311	71.46169	70.04566	54.27663	2.04302	43.68035	19.70765	23.97269	29.66297	2
1709.295	1712.795	1351.795	63.08352	55.22485	62.65871	61.54949	71.89101	0	28.10899	22.43775	5.671231	30.5596	2
1709.3	1712.8	1351.8	67.95702	62.5631	67.60301	66.43479	65.08283	0	34.91717	13.15968	21.75749	30.96185	2
1709.305	1712.805	1351.805	74.35275	70.41656	75.13157	77.40901	48.51884	3.276148	48.20502	26.94982	21.25519	28.88727	2
1709.31	1712.81	1351.81	78.27043	205.8887	77.60962	73.19633	23.28744	10.51261	66.19995	46.44882	19.75113	27.17198	2
1709.315	1712.815	1351.815	68.93644	81.80686	68.58243	67.80362	59.52477	0.847083	39.62815	10.30685	29.3213	30.32858	2

1709.32	1712.82	1351.82	70.78908	72.46347	70.23447	71.11948	61.63613	0.229067	38.13481	25.78943	12.34538	30.72784	2
1709.325	1712.825	1351.825	66.45839	82.1689	65.66777	60.18066	65.10068	0	34.89932	11.09767	23.80165	31.94476	2
1709.33	1712.83	1351.83	66.39939	71.61408	65.63237	63.11892	67.52633	0	32.47367	18.30523	14.16844	31.1956	2
1709.335	1712.835	1351.835	67.2136	82.71196	67.68561	70.64748	54.48911	1.729301	43.78158	13.45419	30.32739	28.77805	2
1709.34	1712.84	1351.84	64.51135	109.294	63.80333	55.00035	59.68753	1.644227	38.66824	21.46513	17.20312	30.85001	2
1709.345	1712.845	1351.845	68.85384	105.3255	67.1546	65.08956	64.33478	0.586291	35.07893	12.5483	22.53063	30.84811	2
1709.35	1712.85	1351.85	73.29073	121.0463	71.8511	70.64748	54.43645	2.444325	43.11922	28.99602	14.1232	29.04526	2
1709.355	1712.855	1351.855	64.77095	78.38142	63.21332	62.0215	73.51407	0	26.48593	4.382044	22.10389	31.21143	2
1709.36	1712.86	1351.86	66.55279	73.24325	67.31981	66.30499	55.10219	1.344699	43.55311	25.36285	18.19026	29.784	2
1709.365	1712.865	1351.865	64.19274	67.31138	63.35493	61.47869	71.14641	0	28.85359	22.72727	6.126329	30.98115	2
1709.37	1712.87	1351.87	66.39939	85.74752	65.95098	63.26052	61.63684	0.599464	37.7637	28.53922	9.224479	30.77026	2
1709.375	1712.875	1351.875	63.95674	129.5821	61.65569	56.49898	67.63406	1.291001	31.07494	17.81066	13.26428	31.0673	2
1709.38	1712.88	1351.88	60.73527	40.31164	60.51107	60.97128	76.10572	0	23.89428	16.99905	6.895229	30.06026	2
1709.385	1712.885	1351.885	64.66475	42.84591	65.30197	64.42875	65.20132	0	34.79868	6.241358	28.55733	30.31071	2
1709.39	1712.89	1351.89	66.04538	73.29895	65.96278	64.47595	62.14007	0.160119	37.69981	12.33516	25.36465	30.92269	2
1709.395	1712.895	1351.895	61.70289	55.12738	61.34888	60.22786	72.63607	0	27.36393	10.08582	17.27811	30.51258	2
1709.4	1712.9	1351.9	62.2575	41.14711	61.87989	59.33104	75.69196	0	24.30804	20.71388	3.594163	30.70633	2
1709.405	1712.905	1351.905	66.29319	59.95921	66.28139	63.79153	64.59159	0	35.40841	9.330726	26.07768	31.0632	2
1709.41	1712.91	1351.91	63.95674	74.81673	63.70893	60.27506	64.97464	0	35.02536	11.19691	23.82845	31.29785	2
1709.415	1712.915	1351.915	58.69383	60.96178	58.17462	56.55799	75.27281	0	24.72719	12.9548	11.77239	30.80178	2
1709.42	1712.92	1351.92	57.85601	57.27177	57.0654	55.09476	79.03998	0	20.96002	5.683892	15.27613	31.17448	2
1709.425	1712.925	1351.925	61.18368	74.39899	60.65267	57.93861	69.82179	0	30.17821	8.714725	21.46348	31.09203	2
1709.43	1712.93	1351.93	60.02726	72.12929	58.70563	55.93257	77.56225	0	22.43775	10.7875	11.65025	31.66467	2
1709.435	1712.935	1351.935	59.47265	49.08412	58.63483	56.14498	79.89989	0	20.10011	20.10011	0	31.21676	2
1709.44	1712.94	1351.94	58.91803	48.7917	58.54043	57.4784	76.91428	0	23.08572	3.677663	19.40806	30.53464	2
1709.445	1712.945	1351.945	63.26052	75.63828	63.13072	62.2693	64.50183	0	35.49817	7.756112	27.74206	30.78824	2
1709.45	1712.95	1351.95	68.96004	113.165	69.19605	70.25807	47.3418	3.816583	48.84162	15.75087	33.09076	27.75696	2
1709.455	1712.955	1351.955	69.83326	118.4981	69.97486	67.63841	45.97944	4.219372	49.80119	22.91008	26.89111	28.20644	2
1709.46	1712.96	1351.96	64.93616	123.5388	64.09834	62.45811	56.85543	2.507057	40.63752	23.84555	16.79197	28.7738	2
1709.465	1712.965	1351.965	65.44357	80.60935	65.34917	64.52315	61.01607	0.544127	38.4398	27.06465	11.37516	30.38359	2
1709.47	1712.97	1351.97	64.72375	79.96882	63.75613	62.89472	68.60075	0	31.39925	15.63605	15.76321	30.9907	2
1709.475	1712.975	1351.975	60.84147	79.6764	59.74405	59.35464	73.24918	0	26.75082	13.41591	13.33491	31.02191	2
1709.48	1712.98	1351.98	60.19246	66.08602	59.83845	59.66145	71.37368	0	28.62632	12.69882	15.9275	30.43362	2
1709.485	1712.985	1351.985	66.9186	94.60354	66.41119	68.84204	59.47326	1.196128	39.33061	23.82771	15.5029	29.27867	1
1709.49	1712.99	1351.99	74.04595	107.7623	74.39995	76.98421	43.05571	4.884475	52.05982	17.23826	34.82156	27.58222	1
1709.495	1712.995	1351.995	75.46197	111.5637	75.83958	72.0163	40.65011	5.600711	53.74917	20.02455	33.72463	28.62833	1
1709.5	1713	1352	72.46471	123.6781	72.98392	76.35879	39.37849	5.822607	54.7989	34.32637	20.47253	26.83538	1
1709.505	1713.005	1352.005	74.94276	98.21001	75.14337	75.94578	45.73115	4.194291	50.07456	32.11975	17.95481	28.35041	1
1709.51	1713.01	1352.01	72.87772	107.7623	73.39693	75.46197	42.85015	4.862514	52.28734	28.38354	23.9038	27.60496	1
1709.515	1713.015	1352.015	70.96608	96.76185	72.11071	75.46197	42.424	4.650645	52.92535	36.56837	16.35699	27.49542	1
1709.52	1713.02	1352.02	70.67108	145.2472	71.9219	70.50587	30.13889	8.011047	61.85007	36.5972	25.25287	27.15143	1
1709.525	1713.025	1352.025	72.22871	96.72008	72.77152	69.32585	45.93654	3.979906	50.08355	22.97592	27.10763	29.03957	1
1709.53	1713.03	1352.03	72.13431	104.4761	72.40571	69.34945	46.24984	4.009327	49.74084	17.13566	32.60517	28.81377	1
1709.535	1713.035	1352.035	72.48831	112.3295	73.24353	75.75698	40.27409	5.482453	54.24346	21.56997	32.67349	27.27795	1
1709.54	1713.04	1352.04	74.38815	93.04399	74.61236	70.55307	47.30867	3.738532	48.9528	29.27018	19.68262	29.46209	1
1709.545	1713.045	1352.045	76.39419	90.78821	77.32641	79.59206	40.5219	5.687267	53.79084	21.20752	32.58331	27.96127	1
1709.55	1713.05	1352.05	82.04651	78.42319	83.02593	84.26496	37.94829	7.45883	54.59288	29.76096	24.83192	28.43952	1
1709.555	1713.055	1352.055	80.27647	81.79294	80.81928	82.62472	42.14497	5.672853	52.18218	25.56733	26.61485	28.46624	1
1709.56	1713.06	1352.06	76.39419	108.556	76.7128	79.04925	40.9776	5.561689	53.46071	29.49332	23.96739	27.61486	1
1709.565	1713.065	1352.065	73.71554	83.67276	73.66834	74.02234	52.29871	2.426503	45.27479	31.59017	13.68462	29.34203	1
1709.57	1713.07	1352.07	73.25533	63.74669	72.14611	71.7567	65.77487	0	34.22513	10.34296	23.88217	30.93346	1
1709.575	1713.075	1352.075	72.93672	64.73534	73.37333	72.88952	53.84854	1.825778	44.32568	22.24641	22.07926	30.0654	1
1709.58	1713.08	1352.08	72.15791	115.8107	71.56789	69.01904	50.16114	3.333195	46.50567	28.91318	17.59248	28.82163	1
1709.585	1713.085	1352.085	76.31159	116.6183	76.98421	78.67164	36.35895	6.836473	56.80458	31.19141	25.61316	27.40254	1
1709.59	1713.09	1352.09	72.22871	117.9551	71.52069	69.97486	50.49158	3.296304	46.21212	28.74033	17.47179	28.62693	1
1709.595	1713.095	1352.095	75.82778	118.4424	75.87498	81.29129	41.20957	5.497778	53.29265	30.53582	22.75683	26.82587	1
1709.6	1713.1	1352.1	86.20019	162.8479	87.67523	87.29762	9.85515	17.30453	72.84032	49.49411	23.34621	28.7449	1
1709.605	1713.105	1352.105	82.63652	160.801	83.94635	85.36238	14.90941	14.32403	70.76656	47.13941	23.62716	27.81104	1
1709.61	1713.11	1352.11	74.10495	115.2815	73.62114	73.27893	47.67485	3.849936	48.47522	27.51994	20.95527	28.31137	1
1709.615	1713.115	1352.115	73.97514	99.65816	73.07833	69.56185	54.77593	2.029197	43.19487	13.48685	29.70802	30.04488	1
1709.62	1713.12	1352.12	72.86592	83.25502	72.59452	71.56789	54.91903	1.80938	43.27159	24.58643	18.68516	29.89614	1
1709.625	1713.125	1352.125	70.49407	96.72008	70.45867	72.51191	52.01355	2.614632	45.37182	13.28352	32.0883	28.50699	1
1709.63	1713.13	1352.13	71.24929	112.4548	71.29649	71.13129	46.87078	3.967657	49.16157	24.18905	24.97251	28.09673	1
1709.635	1713.135	1352.135	70.55307	115.4069	70.21087	70.94248	49.81482	3.41314	46.77204	14.99793	31.77411	28.08432	1
1709.64	1713.14	1352.14	71.9573	99.86703	72.16971	74.11675	47.98533	3.554433	48.46024	22.50605	25.95419	28.12883	1
1709.645	1713.145	1352.145	72.41751	117.9411	73.10193	72.38211	39.52993	5.71449	54.75558	29.57389	25.1817	27.71956	1
1709.65	1713.15	1352.15	71.6859	110.756	72.54731	73.99874	40.57002	5.327076	54.1029	22.87676	31.22614	27.48032	1
1709.655	1713.155	1352.155	71.39089	152.9475	72.38211	73.21993	29.62513	8.310865	62.06401	25.25699	36.80702	26.61177	1
1709.66	1713.16	1352.16	64.32255	135.695	62.91832	56.20398	58.86785	2.649223	38.48292	30.29125	8.191678	29.6424	1
1709.665	1713.165	1352.165	62.1749	87.22352	62.0333	60.85327	62.78842	0.474494	36.73708	21.07788	15.6592	30.3663	1
1709.67	1713.17	1352.17	67.85082	97.73657	67.88622	66.65899	53.65064	2.274042	44.07532	23.04364	21.03168	29.11799	1
1709.675	1713.175	1352.175	74.08135	157.1945	76.04019	81.29129	18.62308	11.40158	69.97534	53.61354	16.3618	26.57554	1
1709.68	1713.18	1352.18	72.86592	269.2316	73.14913	68.38183	5.614459	15.33601	79.04953	67.37467	11.67486	-9999	1

1709.685	1713.185	1352.185	67.23721	118.7209	66.8596	64.20454	52.33777	3.037263	44.62496	16.86101	27.76396	28.67627	1
1709.69	1713.19	1352.19	71.07228	134.9291	71.19029	73.07833	41.04614	5.560119	53.39374	27.44319	25.95056	26.83802	1
1709.695	1713.195	1352.195	77.75122	163.2935	79.02565	82.16451	19.07506	11.92193	69.00302	41.6702	27.33282	26.90996	1
1709.7	1713.2	1352.2	61.33708	116.674	59.62605	55.61397	68.5953	0.878968	30.52573	11.00007	19.52567	31.18493	1
1709.705	1713.205	1352.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1710.005	1713.505	1352.505	89.44526	80.51188	89.26826	88.50124	39.59826	7.408022	52.99372	31.28944	21.70428	29.11937	2
1710.01	1713.51	1352.51	81.04349	74.76103	80.93729	78.68344	48.17089	3.784442	48.04467	33.7112	14.33347	29.91764	2
1710.015	1713.515	1352.515	77.96363	65.68221	78.42384	79.83986	48.81175	3.503435	47.68482	27.95213	19.73269	29.33038	2
1710.02	1713.52	1352.52	74.49435	66.48983	74.12855	72.71252	58.20966	0.856325	40.93401	12.4082	28.52582	30.93121	2
1710.025	1713.525	1352.525	76.46499	100.7304	75.62718	70.37607	51.76854	2.658011	45.57345	22.71314	22.86031	30.11693	2
1710.03	1713.53	1352.53	81.12609	116.6044	81.12609	84.31216	37.14574	6.917572	55.93669	22.67899	33.25769	27.36728	2
1710.035	1713.535	1352.535	81.8223	105.4786	82.36512	84.71336	34.99086	7.926695	57.08244	31.40747	25.67497	27.67396	2
1710.04	1713.54	1352.54	86.74301	140.2622	87.03801	84.73696	23.96668	11.84279	64.19053	47.85275	16.33778	28.23966	2
1710.045	1713.545	1352.545	82.82533	259.5262	80.66588	72.68892	17.73106	11.28156	70.98739	39.78421	31.20318	27.62578	2
1710.05	1713.55	1352.55	80.72488	269.2177	75.48557	68.59423	41.18706	5.101655	53.71128	27.23918	26.4721	26.42507	2
1710.055	1713.555	1352.555	76.9252	144.2029	74.73036	68.16942	51.34177	2.978469	45.67976	13.89486	31.78491	29.42755	2
1710.06	1713.56	1352.56	83.20293	167.1645	83.82835	86.80201	18.15254	12.97008	68.87738	53.22168	15.6557	27.12342	2
1710.065	1713.565	1352.565	88.77265	197.4504	91.2507	94.94417	0	25.90762	74.09238	74.09238	0	-9999	2
1710.07	1713.57	1352.57	84.91397	294.0452	84.52456	87.67523	0	19.12859	80.87141	80.87141	0	-9999	2
1710.075	1713.575	1352.575	79.81626	175.1433	78.53004	76.819	34.15262	7.328889	58.51849	32.85588	25.66261	27.05005	2
1710.08	1713.58	1352.58	86.3772	159.1439	87.13241	88.85525	16.16722	14.55795	69.27482	49.72698	19.54785	27.72102	2
1710.085	1713.585	1352.585	93.03254	207.8382	94.28336	97.56383	0	25.01558	74.98442	74.98442	0	-9999	2
1710.09	1713.59	1352.59	82.47132	189.04	81.29129	82.30611	27.5239	9.047905	63.4282	39.6984	23.7298	26.55206	2
1710.095	1713.595	1352.595	75.61538	172.6786	73.60934	71.49709	44.19245	5.163795	50.64376	33.20211	17.44164	27.21828	2
1710.1	1713.6	1352.6	78.73064	138.828	78.51824	75.15517	35.61757	7.125322	57.25711	36.04139	21.21572	28.00077	2
1710.105	1713.605	1352.605	81.25589	162.1656	80.86649	79.02565	29.01842	9.009764	61.97181	31.6343	30.33752	27.43501	2
1710.11	1713.61	1352.61	76.7836	237.6785	74.67136	66.836	28.21077	9.437554	62.35168	29.08305	33.26863	26.76402	2
1710.115	1713.615	1352.615	66.28139	133.3278	62.83571	60.05086	73.45975	0.359438	26.18081	15.63845	10.54237	32.0731	2
1710.12	1713.62	1352.62	70.11646	98.97586	68.70044	63.81513	62.51492	0.65448	36.8306	9.31942	27.51118	31.27082	2
1710.125	1713.625	1352.625	80.92549	281.0675	80.58328	80.93729	0.182323	17.05794	82.75974	82.75974	0	-9999	2
1710.13	1713.63	1352.63	77.84562	238.1659	74.98996	77.49162	32.87724	8.068989	59.05377	37.02467	22.0291	24.82905	2
1710.135	1713.635	1352.635	81.95211	75.97247	81.97571	81.90491	46.03582	4.537296	49.42688	28.85729	20.5696	29.31119	2
1710.14	1713.64	1352.64	87.39202	95.258	88.41864	89.79927	28.59059	11.88981	59.5196	26.92042	32.59918	28.03961	2
1710.145	1713.645	1352.645	87.06161	89.29828	87.19142	87.76963	37.28716	7.973713	54.73913	29.69169	25.04744	28.51832	2
1710.15	1713.65	1352.65	82.50672	84.64748	81.89311	77.53882	48.36463	3.5475	48.08787	23.54986	24.53801	30.2366	2
1710.155	1713.655	1352.655	78.84864	84.04872	78.21143	77.17301	52.05786	2.477839	45.4643	32.24487	13.21943	29.86601	2
1710.16	1713.66	1352.66	79.17905	46.64732	78.57724	78.14063	60.53067	0.115828	39.3535	14.47696	24.87654	31.85525	2
1710.165	1713.665	1352.665	80.44168	70.76468	79.40326	78.02263	56.91637	0.993763	42.08987	29.08773	13.00213	31.01132	2
1710.17	1713.67	1352.67	74.94276	210.8737	74.23475	72.18151	25.50833	10.05293	64.43874	31.52761	32.91112	26.26605	2
1710.175	1713.675	1352.675	75.92218	322.1728	72.12251	60.58187	21.63327	12.1063	66.26043	37.21342	29.047	25.94292	2
1710.18	1713.68	1352.68	63.37853	127.5352	59.94466	58.02122	77.44074	0.065772	22.49348	19.0375	3.455981	32.84339	2
1710.185	1713.685	1352.685	59.24844	29.45047	58.41062	57.2896	84.8575	0	15.1425	12.00365	3.138846	31.13116	2
1710.19	1713.69	1352.69	60.06266	29.39477	59.81485	61.04208	79.54931	0	20.45069	5.785603	14.66509	29.95326	2
1710.195	1713.695	1352.695	60.51107	47.74736	59.60245	58.11562	79.81675	0	20.18325	10.0888	10.09445	31.02083	2
1710.2	1713.7	1352.7	62.0097	45.05992	61.51409	58.55223	75.88756	0	24.11244	11.36205	12.75039	30.87061	2
1710.205	1713.705	1352.705	64.41695	53.56783	63.54373	61.18368	74.54043	0	25.45957	5.751938	19.70763	30.96374	2
1710.21	1713.71	1352.71	61.44329	32.49995	60.80607	60.07446	80.54559	0	19.45441	8.96808	10.48633	30.61028	2
1710.215	1713.715	1352.715	56.47538	23.69962	55.83817	54.68175	87.24574	0	12.75426	10.8812	1.873059	31.25872	2
1710.22	1713.72	1352.72	55.34256	19.39693	54.92955	54.17434	87.5916	0	12.4084	12.4084	0	31.03715	2
1710.225	1713.725	1352.725	60.29866	26.58201	59.81485	59.62605	81.84191	0	18.15809	18.15809	0	30.46008	2
1710.23	1713.73	1352.73	60.20426	29.21375	60.16886	57.73801	77.81671	0	22.18329	8.449179	13.73411	30.42883	2
1710.235	1713.735	1352.735	58.58763	33.80886	57.76161	54.54014	84.31927	0	15.68073	11.23721	4.443522	31.52655	2
1710.24	1713.74	1352.74	55.13016	23.21226	54.55194	54.32774	88.14403	0	11.85597	11.85597	0	31.17831	2
1710.245	1713.745	1352.745	61.50229	53.70708	60.46387	57.4548	78.46855	0	21.53145	19.36628	2.165168	31.33517	2
1710.25	1713.75	1352.75	59.13044	75.37371	57.2188	53.73773	82.17476	0	17.82524	13.33202	4.49322	32.52706	2
1710.255	1713.755	1352.755	57.4902	58.706	56.22758	53.78493	82.68751	0	17.31249	17.31249	0	31.85488	2
1710.26	1713.76	1352.76	57.4784	18.63108	57.4194	57.1362	83.06841	0	16.93159	5.517892	11.4137	30.22758	2
1710.265	1713.765	1352.765	56.60519	23.03124	55.60217	54.42214	90.12308	0	9.876923	8.770695	1.106228	31.86587	2
1710.27	1713.77	1352.77	55.83817	21.54131	55.16556	54.63455	88.62864	0	11.37136	7.182981	4.188377	31.32424	2
1710.275	1713.775	1352.775	59.09504	40.95217	57.54921	54.22154	87.70234	0	12.29766	12.29766	0	32.40894	2
1710.28	1713.78	1352.78	59.94466	35.7026	58.52863	56.43998	87.18511	0	12.81489	11.67215	1.142734	31.93547	2
1710.285	1713.785	1352.785	63.61453	49.18159	61.9153	60.08626	82.74176	0	17.25824	3.863184	13.39506	31.5555	2
1710.29	1713.79	1352.79	73.27893	131.9771	72.25231	70.28167	48.60124	3.876212	47.52255	32.05567	15.46687	28.26566	9
1710.295	1713.795	1352.795	79.27345	53.47036	80.04047	78.97845	48.18422	3.922202	47.89357	24.63593	23.25765	29.99943	9
1710.3	1713.8	1352.8	81.96391	20.05138	82.04651	81.3857	59.10061	0.930546	39.96885	17.99054	21.97831	32.25372	9
1710.305	1713.805	1352.805	83.04953	22.19577	83.23833	83.12033	56.75983	1.810049	41.43012	19.68951	21.74061	31.73589	9
1710.31	1713.81	1352.81	85.18537	35.15955	84.83137	84.09975	55.8644	1.866142	42.26946	27.962	14.30746	31.5914	9
1710.315	1713.815	1352.815	83.92275	35.22917	84.17055	84.20595	52.34512	3.24262	44.41226	25.87335	18.53891	30.81652	9
1710.32	1713.82	1352.82	86.2946	57.53633	85.49218	84.78417	52.90391	2.308318	44.78778	21.55632	23.23146	30.83167	9
1710.325	1713.825	1352.825	86.10579	64.48469	85.29158	84.68976	51.48755	2.678428	45.83402	22.97982	22.85419	30.48497	9
1710.33	1713.83	1352.83	85.70458	73.2711	84.60716	82.76632	51.9252	2.245936	45.82886	24.43679	21.39208	30.62564	9
1710.335	1713.835	1352.835	86.90821	75.72182	86.6486	85.06737	43.73171	5.607255	50.66104	25.70893	24.95211	29.59199	9
1710.34	1713.84	1352.84	85.03197	101.6076	84.38296	81.8223	42.2114	5.366871	52.42173	28.49275	23.92898	29.17483	9

1710.345	1713.845	1352.845	72.50011	120.6146	71.37909	66.02178	52.79908	2.841803	44.35912	23.14894	21.21018	29.54499	9
1710.35	1713.85	1352.85	64.86536	18.11587	64.84176	64.84176	76.12274	0	23.87726	9.893046	13.98422	29.98111	2
1710.355	1713.855	1352.855	65.13676	37.33178	65.99818	66.36399	64.3639	0	35.6361	8.407157	27.22894	30.0715	2
1710.36	1713.86	1352.86	63.47293	35.74438	63.85054	60.55827	70.02831	0	29.97169	20.62663	9.345064	30.50498	2
1710.365	1713.865	1352.865	68.42903	20.09316	68.79484	69.23145	69.34774	0	30.65226	18.58706	12.0652	30.16009	2
1710.37	1713.87	1352.87	71.9455	27.72382	72.59452	74.18755	62.07112	0	37.92888	9.089661	28.83922	30.96654	2
1710.375	1713.875	1352.875	72.25231	33.44682	72.55911	71.9455	63.056	0	36.944	25.76962	11.17438	31.27831	2
1710.38	1713.88	1352.88	66.836	43.16617	65.97458	61.71469	74.74066	0	25.25934	8.768813	16.49053	31.21916	2
1710.385	1713.885	1352.885	63.54373	56.25527	62.84751	58.70563	73.32165	0	26.67835	6.190718	20.48763	31.23737	2
1710.39	1713.89	1352.89	61.24268	29.86821	60.88867	58.11562	79.17218	0	20.82782	5.322745	15.50507	30.74066	2
1710.395	1713.895	1352.895	60.01546	15.65122	59.42544	58.03302	85.57078	0	14.42922	7.527321	6.9019	30.94173	2
1710.4	1713.9	1352.9	65.34917	30.75938	64.48775	62.0687	79.11098	0	20.88902	20.88902	0	30.90176	2
1710.405	1713.905	1352.905	68.34643	34.10128	67.55581	64.14554	74.99605	0	25.00395	11.74733	13.25662	31.00014	2
1710.41	1713.91	1352.91	69.27865	36.80264	68.81844	67.61481	70.92403	0	29.07597	13.23555	15.84042	30.63326	2
1710.415	1713.915	1352.915	69.99846	45.29663	70.77728	71.24929	58.60381	0.304355	41.09184	24.00678	17.08506	30.86196	2
1710.42	1713.92	1352.92	63.89774	33.90633	64.34615	65.10136	69.53358	0	30.46642	21.37533	9.091091	29.75752	2
1710.425	1713.925	1352.925	63.21332	30.34164	62.50531	59.70865	79.98818	0	20.01182	20.01182	0	30.96113	2
1710.43	1713.93	1352.93	63.14252	22.26539	62.80031	61.41969	79.17276	0	20.82724	6.767718	14.05952	30.43183	2
1710.435	1713.935	1352.935	64.26354	23.95026	64.22814	63.11892	75.35593	0	24.64407	7.814595	16.82947	30.19214	2
1710.44	1713.94	1352.94	62.50531	36.42668	61.87989	58.65843	78.52681	0	21.47319	17.70343	3.769762	30.98977	2
1710.445	1713.945	1352.945	63.10712	25.30095	63.01272	62.64691	76.55024	0	23.44976	19.2382	4.211564	30.07026	2
1710.45	1713.95	1352.95	66.9776	44.94852	65.67957	64.91256	77.56277	0	22.43723	9.412475	13.02475	30.75072	2
1710.455	1713.955	1352.955	68.15762	41.25851	67.54401	67.61481	72.06592	0	27.93408	17.16416	10.76992	30.37909	2
1710.46	1713.96	1352.96	70.77728	57.71735	70.98968	70.21087	59.27117	0.433548	40.29528	13.33782	26.95746	30.9575	2
1710.465	1713.965	1352.965	66.29319	58.81739	64.68835	62.45811	77.21392	0	22.78608	5.776183	17.0099	31.2344	2
1710.47	1713.97	1352.97	70.52947	57.34139	69.56185	67.68561	68.73532	0	31.26468	16.88341	14.38127	30.9941	2
1710.475	1713.975	1352.975	69.84506	118.4842	69.11344	67.013	52.73939	2.923056	44.33755	27.96504	16.37252	28.79625	2
1710.48	1713.98	1352.98	65.01876	48.36004	63.99214	63.63813	76.43593	0	23.56407	14.33477	9.229308	30.63214	2
1710.485	1713.985	1352.985	69.56185	24.32623	69.51465	70.09286	70.48196	0	29.51804	12.24761	17.27043	30.24884	2
1710.49	1713.99	1352.99	74.50615	29.9796	74.25835	73.20813	66.11976	0	33.88024	6.525689	27.35455	31.23964	2
1710.495	1713.995	1352.995	72.54731	43.90418	72.61812	71.6859	62.08295	0	37.91705	17.58313	20.33393	31.44631	2
1710.5	1714	1353	66.61179	93.6149	69.04264	66.05718	37.22326	5.04605	57.73069	36.72592	21.00477	28.38307	2
1710.505	1714.005	1353.005	58.57583	51.56269	57.266	53.52532	83.78323	0	16.21677	9.406781	6.809992	32.081	2
1710.51	1714.01	1353.01	62.56431	26.87442	62.2221	61.25448	78.58933	0	21.41067	9.545381	11.86529	30.36026	2
1710.515	1714.015	1353.015	70.16367	53.42858	69.25505	69.46745	69.56151	0	30.43849	24.20783	6.230663	30.55096	2
1710.52	1714.02	1353.02	69.67986	68.10508	69.71526	70.29347	59.13875	0.626024	40.23523	26.23321	14.00202	30.37745	2
1710.525	1714.025	1353.025	67.75642	82.34992	68.51163	69.69166	51.8825	2.215721	45.90178	27.11279	18.78899	28.82633	2
1710.53	1714.03	1353.03	63.46113	64.73534	61.69109	58.48143	79.66759	0	20.33241	19.16535	1.167061	31.80391	2
1710.535	1714.035	1353.035	61.45509	33.97596	61.30168	60.47567	76.42801	0	23.57199	12.33022	11.24176	30.21195	2
1710.54	1714.04	1353.04	60.28686	37.03936	59.90925	61.08928	78.49902	0	21.50098	20.44479	1.056191	30.05553	2
1710.545	1714.045	1353.045	59.85025	25.28702	59.73225	61.23088	79.73283	0	20.26717	19.86247	0.404704	29.79403	2
1710.55	1714.05	1353.05	63.89774	47.77521	62.88292	59.21304	77.51734	0	22.48266	8.114882	14.36777	31.28847	2
1710.555	1714.055	1353.055	63.87414	44.9346	62.84751	60.36946	78.31794	0	21.68206	15.46373	6.218337	31.07903	2
1710.56	1714.06	1353.06	63.49653	73.00653	60.94768	59.98006	83.66922	0	16.33078	6.225019	10.10576	32.11022	2
1710.565	1714.065	1353.065	61.08928	17.1133	61.11288	60.67627	79.47354	0	20.52646	17.109	3.417458	30.00794	2
1710.57	1714.07	1353.07	62.57611	25.2174	63.08352	62.68231	72.39494	0	27.60506	21.47397	6.131097	29.74734	2
1710.575	1714.075	1353.075	63.96854	41.38383	63.88594	60.97128	71.77422	0	28.22578	11.38691	16.83886	30.65178	2
1710.58	1714.08	1353.08	64.52315	27.04152	64.75915	62.74131	72.26562	0	27.73438	19.79881	7.935576	30.28882	2
1710.585	1714.085	1353.085	66.48199	61.54661	65.20756	62.70591	73.81909	0	26.18091	10.44071	15.7402	31.13836	2
1710.59	1714.09	1353.09	67.0838	81.33343	65.41997	63.17792	71.49493	0	28.50507	10.37908	18.12599	31.33265	2
1710.595	1714.095	1353.095	66.26959	36.76087	65.80938	64.86536	73.70247	0	26.29753	12.15882	14.13871	30.44335	2
1710.6	1714.1	1353.1	68.33463	46.06249	67.59121	68.41723	71.74649	0	28.25351	17.6891	10.56441	30.29643	2
1710.605	1714.105	1353.105	69.53825	55.72614	68.84204	66.31679	67.93474	0	32.06526	24.18993	7.875327	31.10736	2
1710.61	1714.11	1353.11	67.0366	60.182	66.65899	63.68533	66.68874	0	33.31126	19.69059	13.62066	31.14635	2
1710.615	1714.115	1353.115	65.49077	39.49009	65.56157	64.84176	69.64318	0	30.35682	18.17555	12.18127	30.29212	2
1710.62	1714.12	1353.12	67.69741	51.92473	66.59999	66.48199	73.65762	0	26.34238	4.176952	22.16543	30.55738	2
1710.625	1714.125	1353.125	71.24929	82.55879	70.41147	67.0956	60.96451	0.545648	38.48984	23.8479	14.64194	31.16857	2
1710.63	1714.13	1353.13	68.88924	78.00545	67.94522	65.62057	65.06073	0	34.93927	24.21217	10.7271	31.36489	2
1710.635	1714.135	1353.135	68.78304	65.65436	67.52041	62.48171	70.6166	0	29.3834	16.53122	12.85217	31.60093	2
1710.64	1714.14	1353.14	72.91312	47.26	72.71252	73.51493	63.03769	0	36.96231	24.54189	12.42042	31.02905	2
1710.645	1714.145	1353.145	70.56487	82.69804	68.85384	71.6151	68.32791	0	31.67209	15.14694	16.52514	30.31766	2
1710.65	1714.15	1353.15	69.43205	24.99461	68.55883	67.39061	76.84126	0	23.15874	8.411737	14.747	30.57685	2
1710.655	1714.155	1353.155	75.79238	47.26	76.09919	75.87498	56.45634	1.215077	42.32858	21.53765	20.79093	30.90398	2
1710.66	1714.16	1353.16	76.41779	120.8792	75.61538	75.20237	46.66159	4.08015	49.25826	29.19315	20.06512	28.25693	2
1710.665	1714.165	1353.165	80.33547	141.6825	77.14941	71.29649	56.4962	0.831418	42.67238	27.673	14.99938	30.38592	2
1710.67	1714.17	1353.17	79.19085	156.7907	76.819	69.97486	47.5829	3.597421	48.81968	26.11641	22.70327	29.01249	2
1710.675	1714.175	1353.175	75.26137	50.35125	74.19935	69.90406	66.80521	0	33.19479	13.1985	19.99629	31.59053	2
1710.68	1714.18	1353.18	74.88376	57.6895	73.69194	71.32009	66.38272	0	33.61728	11.3577	22.25958	31.22909	2
1710.685	1714.185	1353.185	76.6538	56.50591	75.53278	73.91614	64.492	0	35.508	20.78225	14.72575	31.29734	2
1710.69	1714.19	1353.19	75.57998	50.26771	74.34095	72.35851	67.90408	0	32.09592	7.427926	24.66799	31.0357	2
1710.695	1714.195	1353.195	81.91671	104.6153	80.76028	77.50342	48.28201	3.293372	48.42462	20.46271	27.96191	29.6358	2
1710.7	1714.2	1353.2	75.82778	57.67558	74.37635	72.84232	67.52953	0	32.47047	12.48491	19.98556	30.91027	2
1710.705	1714.205	1353.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999

1711.03	1714.53	1353.53	57.72621	41.82942	57.1952	56.74679	80.8845	0	19.1155	11.19452	7.920979	30.65186	2
1711.035	1714.535	1353.535	59.95646	84.18796	57.57281	54.94135	82.93985	0	17.06015	17.06015	0	32.75391	2
1711.04	1714.54	1353.54	65.92738	90.34263	63.73253	59.69685	74.49395	0	25.50605	13.03501	12.47104	31.99227	2
1711.045	1714.545	1353.545	63.82694	70.87607	63.16612	61.50229	69.24852	0	30.75148	20.41106	10.34042	30.91966	2
1711.05	1714.55	1353.55	67.99242	60.65544	66.9422	64.62935	70.90757	0	29.09243	7.261914	21.83051	31.03087	2
1711.055	1714.555	1353.555	63.75613	74.69141	64.08654	64.72375	60.70838	0.368962	38.92265	19.85043	19.07222	30.0896	2
1711.06	1714.56	1353.56	65.37277	92.15282	65.31377	63.31952	58.01333	1.354877	40.63179	25.72145	14.91034	29.81516	2
1711.065	1714.565	1353.565	64.11014	75.69398	64.19274	64.98336	62.06057	0.21256	37.72687	19.16683	18.56004	30.28765	2
1711.07	1714.57	1353.57	61.70289	92.61233	60.34586	59.01244	71.33812	0	28.66188	7.106691	21.55519	31.40955	1
1711.075	1714.575	1353.575	60.46387	69.38614	59.73225	57.1952	73.25181	0	26.74819	11.88072	14.86746	31.10567	1
1711.08	1714.58	1353.58	65.16036	69.20512	65.11316	64.61755	63.67063	0	36.32937	23.19942	13.12995	30.75239	1
1711.085	1714.585	1353.585	68.26383	62.00612	68.03962	68.47623	63.92938	0	36.07062	16.4534	19.61722	30.7203	1
1711.09	1714.59	1353.59	69.29045	68.94056	69.34945	68.75944	59.11191	0.639437	40.24865	18.53664	21.71201	30.54023	1
1711.095	1714.595	1353.595	77.26741	99.86703	77.26741	78.23503	44.74616	4.551349	50.70249	27.55234	23.15015	28.31846	1
1711.1	1714.6	1353.6	76.6892	154.6045	75.43837	74.62416	41.72554	5.505512	52.76895	18.09331	34.67564	27.29303	1
1711.105	1714.605	1353.605	77.83382	138.4659	77.95183	79.04925	33.9696	7.589829	58.44057	29.4135	29.02706	27.10654	1
1711.11	1714.61	1353.61	73.55033	149.3689	75.08437	75.94578	24.29768	9.801501	65.90082	42.1849	23.71592	27.0362	1
1711.115	1714.615	1353.615	71.07228	116.6461	71.8747	70.48227	40.1664	5.44923	54.38437	36.82882	17.55554	27.8142	1
1711.12	1714.62	1353.62	67.24901	114.3347	66.8124	65.43177	53.84565	2.666394	43.48796	16.40596	27.082	28.71248	1
1711.125	1714.625	1353.625	71.6505	124.792	72.12251	70.36427	40.2238	5.599538	54.17666	22.63946	31.5372	27.72987	1
1711.13	1714.63	1353.63	68.18122	164.2264	70.67108	75.39117	18.23414	10.45408	71.31178	55.19346	16.11832	26.36099	1
1711.135	1714.635	1353.635	64.87716	133.5506	64.80636	61.06568	48.54249	4.058666	47.39885	15.32628	32.07256	27.97024	1
1711.14	1714.64	1353.64	62.89472	120.6843	62.38731	59.90925	56.8637	2.444394	40.69191	16.51637	24.17554	28.84309	1
1711.145	1714.645	1353.645	58.41062	123.4413	58.15102	57.1362	58.40136	2.375904	39.22273	27.91056	11.31217	28.40003	1
1711.15	1714.65	1353.65	61.33708	124.4021	61.24268	58.44602	54.19618	2.924172	42.87965	14.98851	27.89114	28.35913	1
1711.155	1714.655	1353.655	63.43753	79.1055	63.68533	60.12166	60.57346	0.522578	38.90397	12.43771	26.46626	30.70918	1
1711.16	1714.66	1353.66	58.28082	76.62692	57.52561	58.17462	73.69085	0	26.30915	14.89963	11.40952	30.65965	1
1711.165	1714.665	1353.665	60.57007	68.73169	60.29866	61.12468	69.74586	0	30.25414	9.706431	20.54771	30.22981	1
1711.17	1714.67	1353.67	59.10684	70.12415	58.63483	58.58763	72.30974	0	27.69026	23.54044	4.149819	30.5101	1
1711.175	1714.675	1353.675	64.55855	161.4972	64.55855	65.53797	41.52381	5.978793	52.49739	22.86379	29.63361	25.96187	1
1711.18	1714.68	1353.68	61.87989	112.9701	60.58187	61.01848	65.79145	1.044544	33.16401	24.6699	8.494105	29.91633	1
1711.185	1714.685	1353.685	64.31074	117.1474	63.54373	59.33104	58.42881	2.086677	39.48451	30.00776	9.476752	29.5779	1
1711.19	1714.69	1353.69	68.65323	112.984	68.60603	70.85988	49.86271	3.336415	46.80088	25.53162	21.26926	27.73055	1
1711.195	1714.695	1353.695	69.98666	103.1672	70.43507	72.75972	47.17065	3.689995	49.13936	24.11166	25.0277	27.7889	1
1711.2	1714.7	1353.7	75.59178	69.2469	75.89858	77.68042	51.32007	2.639062	46.04087	16.2978	29.74307	29.35473	1
1711.205	1714.705	1353.705	75.45017	88.90839	75.96938	77.03141	45.04613	4.356969	50.59691	21.2145	29.3824	28.45311	1
1711.21	1714.71	1353.71	75.72158	78.54851	75.94578	72.91312	49.58982	3.136388	47.27379	20.56826	26.70553	29.8598	1
1711.215	1714.715	1353.715	79.20265	91.2338	80.66588	82.25891	33.71495	8.214642	58.07041	26.71499	31.35542	27.94499	1
1711.22	1714.72	1353.72	81.4919	105.5761	82.76632	84.54816	29.60123	9.856374	60.54239	40.01957	20.52283	27.71565	1
1711.225	1714.725	1353.725	83.61594	127.7301	85.18537	88.56024	19.99955	13.50512	66.49533	44.82175	21.67358	27.49149	1
1711.23	1714.73	1353.73	76.42959	130.71	76.08739	75.94578	40.70507	5.683597	53.61134	32.22284	21.3885	27.59411	1
1711.235	1714.735	1353.735	75.57998	129.0112	76.18179	78.32943	34.58167	7.275965	58.14236	25.04501	33.09735	26.99451	1
1711.24	1714.74	1353.74	67.23721	124.0679	66.13978	66.30499	56.62235	2.479687	40.89796	14.50245	26.39551	28.54691	1
1711.245	1714.745	1353.745	64.00394	81.80686	63.40213	65.88018	65.98316	0	34.01684	14.63037	19.38646	30.3347	1
1711.25	1714.75	1353.75	63.72073	86.95895	63.10712	60.79427	65.08836	0.15017	34.76147	24.99792	9.763551	31.10137	1
1711.255	1714.755	1353.755	61.86809	92.9326	60.27506	55.03575	72.93767	0	27.06233	13.59852	13.46382	32.25356	1
1711.26	1714.76	1353.76	61.50229	74.8585	60.41666	58.96524	73.71571	0	26.28429	12.61789	13.66639	31.13102	1
1711.265	1714.765	1353.765	63.96854	94.61747	63.17792	63.22512	64.37879	0.503414	35.11779	13.84099	21.2768	30.34998	1
1711.27	1714.77	1353.77	68.60603	100.3822	68.22843	69.04264	55.51641	2.013589	42.47	23.40595	19.06406	28.95109	1
1711.275	1714.775	1353.775	68.84204	71.94827	69.30225	71.13129	55.68722	1.337144	42.97563	24.21472	18.76091	29.48157	1
1711.28	1714.78	1353.78	68.62963	122.9957	68.24023	67.89802	50.11368	3.527393	46.35893	20.16732	26.19161	27.99126	1
1711.285	1714.785	1353.785	70.43507	163.572	70.14006	66.52919	37.90162	6.715134	55.38325	29.63814	25.74511	27.04558	1
1711.29	1714.79	1353.79	71.7803	190.2514	70.30527	68.49983	39.35276	6.895597	53.75164	26.59602	27.15562	26.2169	1
1711.295	1714.795	1353.795	73.97514	143.8965	73.95154	73.10193	37.30281	6.597723	56.09947	38.36597	17.73349	27.1849	1
1711.3	1714.8	1353.8	69.52645	102.1785	69.45565	69.01904	51.85718	2.737685	45.40514	20.44686	24.95828	28.74638	1
1711.305	1714.805	1353.805	67.0248	134.581	65.80938	68.42903	55.18813	3.021193	41.79068	29.12609	12.66459	27.62271	1
1711.31	1714.81	1353.81	65.82118	102.8747	65.23116	61.64389	59.12142	1.505256	39.37332	24.44266	14.93066	30.03605	1
1711.315	1714.815	1353.815	60.85327	60.83646	59.29564	56.78219	81.36421	0	18.63579	16.1111	2.524689	31.78618	1
1711.32	1714.82	1353.82	62.44631	76.43198	61.57309	55.02395	70.8203	0	29.1797	12.12416	17.05554	31.94937	1
1711.325	1714.825	1353.825	64.11014	118.707	61.54949	59.05964	72.13664	0.30082	27.56254	23.93468	3.627859	31.86876	1
1711.33	1714.83	1353.83	69.63265	106.1888	68.75944	66.74159	57.00771	1.859204	41.13309	27.69685	13.43623	29.61403	1
1711.335	1714.835	1353.835	78.27043	106.4673	79.43866	81.5627	33.17238	8.060754	58.76686	30.19855	28.56831	27.53836	1
1711.34	1714.84	1353.84	83.68674	86.91718	84.13515	85.52758	38.49907	7.242674	54.25826	20.93564	33.32262	28.34125	1
1711.345	1714.845	1353.845	82.32972	110.7421	83.04953	84.53636	31.8785	9.02264	59.09886	38.97064	20.12821	27.70349	1
1711.35	1714.85	1353.85	81.3975	109.7117	82.23531	85.94059	32.07099	8.847994	59.08102	39.77835	19.30267	27.2825	1
1711.355	1714.855	1353.855	88.37144	114.1676	89.45706	92.34812	22.65615	14.07865	63.26519	39.71421	23.55098	27.64138	1
1711.36	1714.86	1353.86	88.72545	208.6597	90.97929	94.49577	0	25.63741	74.36259	74.36259	0	-9999	1
1711.365	1714.865	1353.865	87.25042	190.2932	90.01167	93.76415	0	25.07886	74.92114	74.92114	0	-9999	1
1711.37	1714.87	1353.87	70.51767	187.8843	68.28743	60.02726	46.94016	5.536302	47.52354	25.55139	21.97215	27.75469	1
1711.375	1714.875	1353.875	64.44055	95.66181	63.48473	61.9743	64.97214	0.442412	34.58545	9.741896	24.84355	30.7575	1
1711.38	1714.88	1353.88	65.49077	97.23529	65.08956	62.3637	59.32692	1.306077	39.36701	15.69429	23.67272	30.02763	1
1711.385	1714.885	1353.885	64.08654	115.7271	62.59971	59.42544	64.55736	1.197015	34.24563	17.95549	16.29014	30.44078	1
1711.39	1714.89	1353.89	63.23692	108.0825	62.1749	60.34586	63.89673	1.055412	35.04786	11.02547	24.0224	30.2029	1

1711.395	1714.895	1353.895	64.32255	97.52771	63.85054	62.96552	60.87963	1.090928	38.02944	13.23579	24.79365	29.85036	1
1711.4	1714.9	1353.9	59.99186	122.4666	58.29262	54.63455	68.33964	1.214681	30.44568	15.89259	14.55309	30.78834	1
1711.405	1714.905	1353.905	62.3637	126.5744	62.50531	61.60849	50.89697	3.449065	45.65396	23.39832	22.25564	27.66672	1
1711.41	1714.91	1353.91	62.62331	132.6594	62.57611	62.82391	50.64879	3.698833	45.65238	30.82273	14.82965	27.29107	1
1711.415	1714.915	1353.915	61.40789	155.9552	60.44027	56.55799	53.26264	4.221776	42.51559	23.54065	18.97494	27.62365	1
1711.42	1714.92	1353.92	66.45839	92.61233	67.1664	69.53825	50.95899	2.553439	46.48758	21.11397	25.37361	28.17839	1
1711.425	1714.925	1353.925	69.97486	66.61515	70.50587	70.88348	55.38693	1.348452	43.26462	23.47449	19.79013	29.89559	1
1711.43	1714.93	1353.93	68.41723	78.57636	68.42903	67.82722	57.94922	1.053164	40.99762	21.48375	19.51387	30.07326	1
1711.435	1714.935	1353.935	69.82146	114.5714	70.68288	72.81872	41.362	5.063818	53.57419	34.85858	18.71561	27.19019	1
1711.44	1714.94	1353.94	73.38513	77.90798	74.21115	74.18755	47.23032	3.562197	49.20749	16.22672	32.98077	28.96733	1
1711.445	1714.945	1353.945	68.99544	80.35871	69.07804	67.82722	56.43722	1.386036	42.17674	28.26248	13.91427	29.96321	1
1711.45	1714.95	1353.95	73.73914	99.19865	73.53853	71.09588	49.7086	3.200772	47.09063	24.33547	22.75516	29.21005	1
1711.455	1714.955	1353.955	75.53278	110.7421	75.36757	73.88074	44.99058	4.472942	50.53648	20.23436	30.30212	28.46757	1
1711.46	1714.96	1353.96	73.27893	109.475	73.65654	72.19331	43.16398	4.832033	52.00399	23.11616	28.88783	28.24103	1
1711.465	1714.965	1353.965	71.6505	100.1594	71.48529	70.83628	51.12328	2.876811	45.99991	28.8302	17.16971	28.8814	1
1711.47	1714.97	1353.97	70.93068	97.41631	71.10768	70.81268	49.79725	3.091242	47.11151	30.72479	16.38672	28.69584	1
1711.475	1714.975	1353.975	73.44413	94.08834	74.02234	72.52371	45.18088	4.209556	50.60957	19.02218	31.58738	28.72561	1
1711.48	1714.98	1353.98	68.49983	166.5379	67.79182	59.49625	42.1651	6.008492	51.82641	26.8227	25.00371	27.83613	1
1711.485	1714.985	1353.985	75.48557	131.5733	76.11099	73.97514	33.86559	7.466644	58.66777	31.04369	27.62407	27.72346	1
1711.49	1714.99	1353.99	76.878	166.705	78.09343	84.52456	19.51009	11.63739	68.85253	42.07288	26.77964	26.1519	1
1711.495	1714.995	1353.995	67.0012	183.0385	67.86262	66.50559	27.38759	8.984304	63.62811	39.55375	24.07435	26.17743	1
1711.5	1715	1354	68.07502	129.972	68.19302	66.7652	45.00325	4.605852	50.3909	22.35865	28.03225	27.57502	1
1711.505	1715.005	1354.005	75.10797	63.37073	75.15517	76.05199	55.19915	1.585907	43.21495	18.30589	24.90906	30.12801	1
1711.51	1715.01	1354.01	69.66806	75.13699	68.91284	66.7888	63.57516	0	36.42484	9.150958	27.27388	31.39762	1
1711.515	1715.015	1354.015	63.60273	75.97247	64.35795	65.95098	57.24723	0.911866	41.8409	25.08688	16.75403	29.33662	1
1711.52	1715.02	1354.02	61.86809	84.46646	61.83269	61.83269	62.91483	0.356033	36.72914	11.02585	25.70329	30.20573	1
1711.525	1715.025	1354.025	68.67683	119.1386	68.27563	63.75613	51.09512	3.258199	45.64668	15.48715	30.15952	28.95596	1
1711.53	1715.03	1354.03	66.9776	146.0131	67.61481	63.80333	38.10704	6.175448	55.71751	20.08388	35.63363	27.29366	1
1711.535	1715.035	1354.035	68.74764	133.9962	69.85686	71.08408	35.72863	6.468021	57.80335	31.03725	26.76611	26.72628	1
1711.54	1715.04	1354.04	71.6741	148.3245	73.36153	75.09617	25.08767	9.314588	65.59774	35.03414	30.5636	26.772	1
1711.545	1715.045	1354.045	74.36455	114.4321	75.15517	74.97816	37.76476	6.274253	55.96099	32.19788	23.76311	27.71913	1
1711.55	1715.05	1354.05	81.5627	174.447	83.98175	89.90547	3.998497	17.94532	78.05619	68.57478	9.481408	-9999	1
1711.555	1715.055	1354.055	76.29979	171.0355	78.06983	80.96089	14.69581	12.93544	72.36875	55.73552	16.63322	27.22865	1
1711.56	1715.06	1354.06	67.0838	117.9272	66.9658	64.91256	50.65904	3.297449	46.04351	18.83035	27.21316	28.38082	1
1711.565	1715.065	1354.065	74.29375	132.3391	75.37937	78.76604	31.21011	8.042316	60.74758	25.53978	35.2078	26.65803	1
1711.57	1715.07	1354.07	81.88131	110.1155	83.13213	85.36238	28.32734	10.30454	61.36812	25.59399	35.77413	27.58285	1
1711.575	1715.075	1354.075	83.13213	105.9799	83.72214	84.87857	33.2987	8.698929	58.00237	39.56058	18.44179	27.88069	1
1711.58	1715.08	1354.08	81.7515	72.3103	82.18811	82.82533	43.9058	5.359001	50.73519	27.32591	23.40928	29.0221	1
1711.585	1715.085	1354.085	78.75424	103.8634	79.78086	83.62774	34.45484	7.750037	57.79512	22.59316	35.20196	27.29416	1
1711.59	1715.09	1354.09	80.15847	132.7708	81.7515	86.18839	21.77767	11.86458	66.35775	42.61995	23.73781	27.0453	1
1711.595	1715.095	1354.095	84.46556	131.253	85.64558	88.79625	21.38327	12.99516	65.62157	37.85003	27.77154	27.40352	1
1711.6	1715.1	1354.1	85.55118	145.1776	87.27402	89.52786	12.80796	16.5427	70.64934	42.53938	28.10996	28.10646	1
1711.605	1715.105	1354.105	85.89339	194.3035	87.23862	89.40986	3.531125	18.74123	77.72765	69.70109	8.02656	-9999	1
1711.61	1715.11	1354.11	80.65408	181.5068	82.19991	81.6099	9.893403	15.29561	74.81099	65.57375	9.23724	28.43488	1
1711.615	1715.115	1354.115	71.9691	127.7997	73.24353	77.60962	32.98409	7.291699	59.72421	22.77831	36.9459	26.44994	1
1711.62	1715.12	1354.12	76.27619	127.1035	76.9134	76.22899	34.12846	7.455811	58.41573	39.7948	18.62094	27.58213	1
1711.625	1715.125	1354.125	78.41203	184.6398	78.35303	76.8662	23.63535	10.47937	65.88528	30.8846	35.00069	27.01068	1
1711.63	1715.13	1354.13	73.68014	120.0437	73.95154	78.02263	41.0603	5.45849	53.48121	25.592	27.88921	26.89816	1
1711.635	1715.135	1354.135	74.44715	118.1639	74.32915	72.64172	43.82747	4.798835	51.3737	17.56563	33.80807	28.19961	1
1711.64	1715.14	1354.14	80.96089	191.5882	81.32669	81.3857	16.31663	12.89171	70.79165	47.57009	23.22156	27.34043	1
1711.645	1715.145	1354.145	83.33274	192.73	83.41534	77.03141	16.05306	13.1231	70.82384	44.99606	25.82778	28.63945	1
1711.65	1715.15	1354.15	82.21171	123.2046	82.83713	82.90793	29.70276	9.534414	60.76283	31.51124	29.25158	27.76089	1
1711.655	1715.155	1354.155	86.6722	143.6459	86.74301	86.3654	24.95056	11.24294	63.8065	35.7194	28.0871	27.79406	1
1711.66	1715.16	1354.16	85.77539	138.9812	87.07341	86.79021	17.3935	14.75814	67.84836	41.2706	26.57776	28.22042	1
1711.665	1715.165	1354.165	87.43922	154.9944	88.92605	90.15328	10.52433	17.73532	71.74035	63.73802	8.002332	28.43565	1
1711.67	1715.17	1354.17	83.02593	142.2395	84.26496	84.64256	19.59174	13.07665	67.33162	39.98917	27.34245	27.84917	1
1711.675	1715.175	1354.175	80.05227	91.63761	79.89887	76.7128	45.36449	4.479975	50.15554	18.16293	31.9926	29.43848	1
1711.68	1715.18	1354.18	77.92822	133.1885	77.14941	75.46197	42.11023	5.26986	52.61991	19.01306	33.60685	27.99578	1
1711.685	1715.185	1354.185	83.27373	140.485	83.71034	84.12335	26.00707	10.63126	63.36166	31.79854	31.56312	27.53652	1
1711.69	1715.19	1354.19	83.76934	111.5219	84.05255	83.33274	33.74906	8.433194	57.81775	34.87448	22.94326	28.17267	1
1711.695	1715.195	1354.195	87.22682	169.4342	87.22682	86.6368	18.74825	12.99699	68.25476	36.48262	31.77214	27.82896	1
1711.7	1715.2	1354.2	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1712.005	1715.505	1354.505	99.71147	162.7783	99.29846	99.18046	12.07392	18.08986	69.83622	57.42615	12.41007	28.58648	1
1712.01	1715.51	1354.51	96.91482	207.6711	95.51059	89.38626	11.46474	13.61868	74.91657	51.3625	23.55408	29.6053	1
1712.015	1715.515	1354.515	92.66673	199.3303	91.5339	87.35662	15.28807	12.80375	71.90818	48.36027	23.54791	28.7057	1
1712.02	1715.52	1354.52	98.02404	187.9817	96.44281	94.03556	16.58086	11.70933	71.70982	42.63561	29.0742	28.74547	1
1712.025	1715.525	1354.525	93.83495	214.5777	92.48972	89.78747	12.16956	13.27575	74.55468	46.80301	27.75168	28.65805	1
1712.03	1715.53	1354.53	99.97108	187.2298	99.67607	98.10664	5.003294	20.72625	74.27045	71.35048	2.919971	-9999	1
1712.035	1715.535	1354.535	103.0273	98.72522	104.172	104.7266	12.45251	29.06562	58.48187	43.32025	15.16162	27.86243	1
1712.04	1715.54	1354.54	107.594	119.4589	108.0188	110.0721	8.812165	30.80794	60.37989	41.205	19.17489	27.62351	1
1712.045	1715.545	1354.545	108.7859	117.412	108.7505	108.4673	11.77766	27.64554	60.5768	38.15156	22.42524	28.01081	1
1712.05	1715.55	1354.55	103.0037	111.2295	102.6025	102.7087	21.42839	17.40421	61.1674	41.4681	19.6993	28.23557	1
1712.055	1715.555	1354.555	99.07426	111.5776	98.61405	96.60801	25.41653	13.85986	60.72362	39.58731	21.13631	28.69385	1

1712.06	1715.56	1354.56	96.82041	106.5369	96.83221	95.60499	25.05184	14.70485	60.24331	36.16618	24.07713	28.48819	1
1712.065	1715.565	1354.565	96.2658	118.5399	96.0062	94.77897	24.76075	13.56625	61.673	35.83739	25.8356	28.45542	1
1712.07	1715.57	1354.57	98.07124	199.8315	97.13902	91.79351	8.639926	16.29616	75.06391	57.04287	18.02105	29.78023	1
1712.075	1715.575	1354.575	90.34208	209.3838	87.82863	86.89641	25.69366	7.37761	66.92873	43.02792	23.90081	27.32037	1
1712.08	1715.58	1354.58	90.36568	175.5192	88.44224	84.92577	29.29458	7.315417	63.39001	34.37739	29.01261	28.17186	1
1712.085	1715.585	1354.585	94.14176	162.0542	93.62255	90.28308	18.19636	13.84271	67.96094	52.49737	15.46356	28.7047	3
1712.09	1715.59	1354.59	101.8827	215.1903	102.4963	100.2425	0	31.08283	68.91717	68.91717	0	-9999	3
1712.095	1715.595	1354.595	104.6086	205.0115	105.4228	108.0424	0	35.76479	64.23521	64.23521	0	-9999	3
1712.1	1715.6	1354.6	98.88546	222.6121	99.95928	98.17744	0	31.25896	68.74104	68.74104	0	-9999	3
1712.105	1715.605	1354.605	92.64313	179.6548	92.23012	91.69911	14.49267	14.73282	70.77451	52.89076	17.88375	28.23632	3
1712.11	1715.61	1354.61	85.64558	177.3851	84.92577	85.10277	23.85743	10.45724	65.68533	38.54747	27.13786	27.21388	3
1712.115	1715.615	1354.615	94.87337	204.176	94.36596	90.15328	7.238334	17.15283	75.60884	73.99784	1.611	-9999	3
1712.12	1715.62	1354.62	94.73177	148.9929	94.01196	88.20624	22.36905	12.26948	65.36148	41.73475	23.62672	29.13601	3
1712.125	1715.625	1354.625	89.53966	149.7727	89.31546	89.45706	23.1161	11.94163	64.94227	34.23364	30.70863	27.78824	3
1712.13	1715.63	1354.63	87.25042	120.3362	86.90821	86.5896	33.26037	8.47233	58.2673	32.66137	25.60593	28.10686	3
1712.135	1715.635	1354.635	87.92303	123.6224	87.28582	89.31546	34.1326	7.907621	57.95977	30.50678	27.45299	27.69518	3
1712.14	1715.64	1354.64	87.59262	260.2363	84.54816	76.38239	20.03218	8.957437	71.01038	42.97511	28.03527	27.9228	3
1712.145	1715.645	1354.645	85.90519	230.9112	82.76632	77.40901	29.41292	6.754913	63.83217	37.44135	26.39082	27.28397	3
1712.15	1715.65	1354.65	81.83411	124.3047	81.6335	82.61292	36.18558	7.143017	56.67141	37.99299	18.67841	27.62595	3
1712.155	1715.655	1354.655	84.33576	135.8203	83.74574	82.95513	34.11519	7.631617	58.25319	28.17715	30.07605	27.84406	3
1712.16	1715.66	1354.66	84.55996	166.3151	85.24438	86.05859	16.65237	13.7847	69.56293	53.28829	16.27463	27.68811	3
1712.165	1715.665	1354.665	84.99657	132.1581	84.39476	84.46556	34.48494	7.564704	57.95036	23.39734	34.55302	27.78808	3
1712.17	1715.67	1354.67	86.90821	96.39981	87.51002	87.79323	32.05165	10.07886	57.8695	33.92629	23.94321	28.24944	3
1712.175	1715.675	1354.675	87.63982	102.1646	88.04103	90.22408	31.53817	10.14382	58.31801	27.6826	30.63541	27.83639	3
1712.18	1715.68	1354.68	84.96117	108.361	85.46858	84.40656	31.67993	9.501085	58.81899	26.95467	31.86431	28.28202	3
1712.185	1715.685	1354.685	81.4801	102.1785	81.5627	79.65106	39.67095	6.293033	54.03602	35.12611	18.90991	28.67157	3
1712.19	1715.69	1354.69	84.92577	169.5177	86.212	89.29186	10.87674	16.22264	72.90061	49.03782	23.86279	27.86071	3
1712.195	1715.695	1354.695	87.43922	251.0043	88.92605	91.5457	0	24.21599	75.78401	75.78401	0	-9999	3
1712.2	1715.7	1354.7	79.71006	231.0504	78.93125	77.84562	16.78836	12.27432	70.93732	45.41543	25.52189	26.71397	3
1712.205	1715.705	1354.705	77.71582	283.9638	77.07861	75.20237	4.720606	15.70754	79.57186	79.57186	0	-9999	3
1712.21	1715.71	1354.71	76.16999	205.0811	75.40297	69.52645	26.23836	9.785934	63.97571	45.0385	18.93721	27.11761	3
1712.215	1715.715	1354.715	70.24627	153.588	69.75066	67.80362	42.04611	5.704043	52.24985	32.82487	19.42498	27.08104	3
1712.22	1715.72	1354.72	72.26411	169.4342	72.11071	75.34397	33.70282	7.701024	58.59616	26.28483	32.31133	25.73466	3
1712.225	1715.725	1354.725	73.38513	152.0563	73.56214	71.8393	34.31627	7.369054	58.31468	23.84368	34.471	27.09828	3
1712.23	1715.73	1354.73	83.87555	259.9996	84.27676	81.05529	0	18.868	81.132	81.132	0	-9999	3
1712.235	1715.735	1354.735	81.7279	270.5823	82.93153	83.09673	0	20.91585	79.08415	79.08415	0	-9999	3
1712.24	1715.74	1354.74	85.37418	203.7443	87.54542	90.29488	0	21.98656	78.01344	78.01344	0	-9999	3
1712.245	1715.745	1354.745	87.56902	170.4228	88.48944	90.01167	11.06092	16.67512	72.26396	57.74704	14.51692	28.1443	3
1712.25	1715.75	1354.75	89.36266	210.5117	91.05009	89.87007	0	23.89371	76.10629	76.10629	0	-9999	3
1712.255	1715.755	1354.755	89.18566	243.8889	89.71667	90.12968	0	21.14111	78.85889	78.85889	0	-9999	3
1712.26	1715.76	1354.76	82.82533	219.9665	84.38296	87.43922	0	19.19489	80.80511	80.80511	0	-9999	3
1712.265	1715.765	1354.765	82.86073	216.1233	84.18235	82.57752	1.223686	18.22403	80.55229	80.55229	0	-9999	3
1712.27	1715.77	1354.77	74.71856	295.0199	77.20841	73.33793	0	22.13154	77.86846	77.86846	0	-9999	3
1712.275	1715.775	1354.775	68.94824	145.1497	68.51163	65.06596	44.8251	5.007898	50.167	22.4412	27.7258	27.62018	3
1712.28	1715.78	1354.78	67.54401	224.297	66.43479	58.91803	32.17611	9.262679	58.56121	42.03995	16.52126	26.12537	3
1712.285	1715.785	1354.785	71.55609	169.3506	70.70648	70.12826	39.77007	6.431469	53.79846	22.83625	30.96221	26.46268	3
1712.29	1715.79	1354.79	77.27921	60.41872	77.19661	77.40901	54.92196	1.711714	43.36633	17.13423	26.23209	30.38766	3
1712.295	1715.795	1354.795	61.21908	59.81996	62.42271	61.9861	59.87392	0	40.12608	7.384376	32.7417	30.17501	3
1712.3	1715.8	1354.8	60.71167	54.43115	62.52891	64.16914	56.88933	0.030665	43.08	22.51263	20.56737	29.66118	1
1712.305	1715.805	1354.805	63.27232	47.26	63.10712	61.71469	71.63287	0	28.36713	22.68809	5.679043	30.4134	1
1712.31	1715.81	1354.81	61.43149	35.43804	61.56129	61.73829	73.90106	0	26.09894	10.51005	15.58889	29.8331	1
1712.315	1715.815	1354.815	61.28988	31.51131	61.32528	60.67627	75.71322	0	24.28678	22.47759	1.809197	30.02383	1
1712.32	1715.82	1354.82	67.19	116.1727	64.42875	62.96552	71.47114	0	28.52886	11.88099	16.64787	31.7697	1
1712.325	1715.825	1354.825	70.57667	116.298	67.31981	63.93314	72.16606	0	27.83394	12.90644	14.92751	31.71606	1
1712.33	1715.83	1354.83	70.28167	80.30301	68.81844	66.42299	67.24757	0	32.75243	18.36823	14.3842	31.28615	1
1712.335	1715.835	1354.835	77.06681	130.4732	75.92218	76.26439	46.39484	4.151641	49.45351	22.24536	27.20816	27.92558	1
1712.34	1715.84	1354.84	77.17301	91.52621	76.5476	77.03141	51.69844	2.621314	45.68025	18.78124	26.89901	29.26491	1
1712.345	1715.845	1354.845	77.09041	134.2747	76.11099	75.08437	44.17287	4.751629	51.07551	18.88525	32.19026	27.92527	1
1712.35	1715.85	1354.85	78.48284	150.636	77.65682	77.79842	37.7435	6.462568	55.79393	37.44567	18.34826	27.1429	1
1712.355	1715.855	1354.855	77.16121	142.0306	76.27619	72.47651	41.49916	5.484161	53.01668	17.88804	35.12863	28.11468	1
1712.36	1715.86	1354.86	76.08739	194.8465	74.48255	69.76246	35.2842	7.451585	57.26422	23.64618	33.61804	26.90862	1
1712.365	1715.865	1354.865	87.22682	166.8721	86.80201	85.65738	22.66055	11.3122	66.02725	40.25322	25.77403	27.73735	1
1712.37	1715.87	1354.87	82.31792	89.66032	82.05831	82.56572	44.58166	4.805731	50.61261	35.07488	15.53773	28.83438	1
1712.375	1715.875	1354.875	89.24466	119.7095	88.39504	89.51606	35.50974	7.34592	57.14434	29.52882	27.61552	28.04243	1
1712.38	1715.88	1354.88	91.3569	198.7872	92.92633	90.08247	0	24.39049	75.60951	75.60951	0	-9999	1
1712.385	1715.885	1354.885	89.68127	178.9168	88.25344	85.36238	25.26104	9.281544	65.45742	44.03378	21.42364	27.98258	1
1712.39	1715.89	1354.89	85.88159	139.2179	84.70156	84.13515	36.4434	6.482055	57.07454	24.26394	32.8106	27.92537	1
1712.395	1715.895	1354.895	82.86073	115.8385	82.60112	83.96995	37.74715	6.758567	55.49428	25.82529	29.66899	27.80652	1
1712.4	1715.9	1354.9	79.99327	119.3336	79.22625	82.16451	43.47184	4.828592	51.69957	22.08742	29.61215	27.6301	1
1712.405	1715.905	1354.905	74.54156	69.27475	74.10495	76.00479	58.041	0.922257	41.03674	21.11696	19.91978	30.21316	1
1712.41	1715.91	1354.91	77.73942	62.91122	77.89282	78.97845	52.06634	2.540259	45.3934	21.67074	23.72265	29.80297	1
1712.415	1715.915	1354.915	76.18179	122.3134	75.32037	73.90434	46.98889	4.013781	48.99733	33.24126	15.75607	28.40966	1
1712.42	1715.92	1354.92	72.16971	132.6594	69.89226	65.32557	59.15051	1.810727	39.03877	23.96324	15.07552	29.9776	1

1712.425	1715.925	1354.925	78.82504	165.1315	77.19661	72.93672	40.1395	5.731695	54.12881	18.67608	35.45273	27.78636	1
1712.43	1715.93	1354.93	86.4008	153.7551	86.79021	87.58082	20.28461	12.90898	66.80641	41.00383	25.80258	27.63842	1
1712.435	1715.935	1354.935	81.09069	165.9391	81.6453	81.5155	20.94106	11.72353	67.33541	50.56912	16.76629	27.40085	1
1712.44	1715.94	1354.94	78.86044	140.6382	77.90462	75.49737	40.82155	5.575679	53.60277	25.93748	27.66529	27.9644	1
1712.445	1715.945	1354.945	86.389	225.9401	83.99355	80.71308	24.40935	8.632032	66.95862	39.37906	27.57956	27.16127	1
1712.45	1715.95	1354.95	73.49133	129.8188	71.7921	67.0248	54.1409	2.624984	43.23412	24.34611	18.88801	29.45349	1
1712.455	1715.955	1354.955	80.85468	244.056	80.54788	77.42081	8.929891	14.62926	76.44085	60.11389	16.32697	27.97075	1
1712.46	1715.96	1354.96	85.24438	259.9857	83.62774	79.08465	11.18755	13.14823	75.66422	50.77954	24.88468	27.92827	1
1712.465	1715.965	1354.965	74.78936	164.7834	72.14611	68.97184	51.80143	3.474216	44.72435	32.79375	11.9306	28.19109	1
1712.47	1715.97	1354.97	72.37031	119.6539	71.01328	68.60603	54.98005	2.379875	42.64008	14.7311	27.90898	29.27468	1
1712.475	1715.975	1354.975	78.74244	149.8841	78.69524	74.43535	31.65081	8.26127	60.08792	39.58574	20.50218	27.91244	1
1712.48	1715.98	1354.98	78.90764	136.057	77.76302	73.86894	43.35001	4.851009	51.79899	35.51235	16.28663	28.48746	1
1712.485	1715.985	1354.985	75.39117	116.9525	74.16395	72.77152	51.84862	2.815248	45.33614	18.13416	27.20198	28.97255	1
1712.49	1715.99	1354.99	81.90491	129.6378	81.3621	78.03443	37.48193	6.601019	55.91705	22.8143	33.10275	28.37652	1
1712.495	1715.995	1354.995	87.62802	68.48105	87.56902	84.70156	43.26706	6.160171	50.57277	22.01416	28.55861	29.88523	1
1712.5	1716	1355	90.74329	81.73724	90.23588	89.59866	40.66819	6.766652	52.56515	34.57328	17.99187	29.21158	1
1712.505	1716.005	1355.005	85.99959	71.71155	85.64558	85.84619	46.26974	4.644738	49.08552	25.10524	23.98028	29.52589	1
1712.51	1716.01	1355.01	82.57752	76.23703	82.16451	81.12609	48.78013	3.55787	47.662	19.82567	27.83632	29.79771	1
1712.515	1716.015	1355.015	84.83137	119.9184	83.73394	81.17329	41.43991	5.1682	53.39189	20.33397	33.05792	28.80405	1
1712.52	1716.02	1355.02	79.87526	113.1093	78.69524	76.8426	48.28749	3.400636	48.31187	25.66118	22.65069	29.05913	1
1712.525	1716.025	1355.025	82.50672	141.8078	82.03471	83.00233	33.4344	7.797305	58.7683	26.98626	31.78204	27.30253	1
1712.53	1716.03	1355.03	86.2238	125.2376	85.58658	84.31216	35.30501	7.400616	57.29437	31.13076	26.16361	28.23022	1
1712.535	1716.035	1355.035	87.58082	122.8704	86.6132	81.89311	37.19005	6.56648	56.24347	37.5963	18.64717	29.06785	1
1712.54	1716.04	1355.04	86.507	126.8668	85.84619	82.54212	34.8331	7.530386	57.63651	35.87454	21.76197	28.58077	1
1712.545	1716.045	1355.045	75.78058	84.38291	74.06955	71.01328	63.12172	0	36.87828	14.15148	22.7268	31.47434	1
1712.55	1716.05	1355.05	68.31103	61.07317	66.55279	66.04538	76.00048	0	23.99952	21.3753	2.624227	30.81195	1
1712.555	1716.055	1355.055	73.43233	111.0485	71.7095	68.05142	58.9205	1.313405	39.76609	23.97654	15.78955	30.37579	1
1712.56	1716.06	1355.06	75.37937	113.3321	73.90434	73.10193	54.6561	2.108438	43.23547	25.23671	17.99875	29.30469	1
1712.565	1716.065	1355.065	75.22597	107.1357	73.56214	69.37305	57.75999	1.32684	40.91317	13.88785	27.02532	30.51668	1
1712.57	1716.07	1355.07	79.29705	134.6785	78.56544	76.11099	40.12454	5.783562	54.0919	36.52098	17.57092	28.08021	1
1712.575	1716.075	1355.075	75.83958	118.3867	73.88074	70.78908	56.75901	1.603097	41.63789	29.82163	11.81626	29.96227	1
1712.58	1716.08	1355.08	77.90462	178.6801	76.6892	74.76576	34.5067	7.398064	58.09523	37.75434	20.34089	26.85994	1
1712.585	1716.085	1355.085	72.18151	128.8719	70.25807	66.52919	57.31267	2.095861	40.59147	29.28269	11.30878	29.62326	1
1712.59	1716.09	1355.09	69.19605	83.1854	67.87442	64.28714	66.45138	0	33.54862	14.32545	19.22316	31.57845	1
1712.595	1716.095	1355.095	74.57696	97.6948	75.35577	76.20539	41.71123	5.190965	53.0978	32.6811	20.4167	28.03803	1
1712.6	1716.1	1355.1	74.57696	118.7488	73.60934	73.39693	50.15106	3.289558	46.55939	27.82233	18.73705	28.46246	1
1712.605	1716.105	1355.105	78.77784	73.73061	77.26741	77.32641	61.38742	0	38.61258	11.98981	26.62277	31.09024	1
1712.61	1716.11	1355.11	80.02867	134.7063	76.701	75.22597	59.56413	0.069699	40.36617	26.37111	13.99506	30.18592	1
1712.615	1716.115	1355.115	88.19444	109.0851	87.25042	84.11155	39.77868	5.916341	54.30498	37.23777	17.06721	29.15823	1
1712.62	1716.12	1355.12	88.02923	128.2314	86.71941	86.4008	38.13227	5.860223	56.00751	29.15257	26.85494	28.27068	1
1712.625	1716.125	1355.125	88.84345	152.2374	88.00563	87.08521	27.91567	9.441365	62.64296	35.79521	26.84775	27.83813	1
1712.63	1716.13	1355.13	85.43318	151.1373	85.29158	86.4952	25.92367	10.47791	63.59842	30.34407	33.25435	27.31356	1
1712.635	1716.135	1355.135	94.46036	149.0347	93.45734	92.06492	24.80348	10.73379	64.46273	42.26327	22.19946	28.28852	1
1712.64	1716.14	1355.14	91.98231	144.2029	90.51908	89.42166	31.81921	7.42272	60.75807	37.57991	23.17816	28.22662	1
1712.645	1716.145	1355.145	90.18868	119.6678	89.33906	87.07341	34.65135	7.694262	57.65439	28.62266	29.03173	28.67829	1
1712.65	1716.15	1355.15	87.88763	116.2563	86.6604	83.26193	40.52036	5.303394	54.17624	27.65582	26.52043	29.15145	1
1712.655	1716.155	1355.155	86.83741	167.8468	88.12363	85.14997	9.522405	17.39169	73.0859	58.31648	14.76942	29.18275	1
1712.66	1716.16	1355.16	90.08247	136.9203	90.24768	89.89367	22.70908	12.95784	64.33308	45.58922	18.74386	28.03191	1
1712.665	1716.165	1355.165	91.56931	144.2586	91.5221	91.01469	21.21147	13.40527	65.38326	32.07757	33.30569	28.08647	1
1712.67	1716.17	1355.17	89.92907	128.6909	89.28006	86.6604	31.15191	9.000647	59.84744	27.82499	32.02246	28.50696	1
1712.675	1716.175	1355.175	91.00289	160.3275	89.89367	88.34784	26.07455	9.681375	64.24407	46.45965	17.78442	28.01022	1
1712.68	1716.18	1355.18	96.87941	103.4039	96.51361	95.52239	28.68221	12.35785	58.95994	29.59991	29.36003	28.5678	1
1712.685	1716.185	1355.185	98.64945	158.8515	98.41345	93.58715	12.62947	18.15268	69.21785	54.6066	14.61125	29.38797	1
1712.69	1716.19	1355.19	95.21558	190.0704	95.79379	93.24494	1.923484	22.22996	75.84656	75.84656	0	-9999	1
1712.695	1716.195	1355.195	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1713.005	1716.505	1355.505	103.6764	84.85634	104.6912	105.4464	16.21766	28.01059	55.77176	34.13367	21.63809	27.60958	2
1713.01	1716.51	1355.51	82.53032	92.1389	83.65134	83.98175	33.08656	9.05798	57.85546	25.20685	32.6486	28.21522	2
1713.015	1716.515	1355.515	77.50342	96.66438	76.07559	75.14337	56.36975	1.355935	42.27431	11.4403	30.83401	30.09266	2
1713.02	1716.52	1355.52	75.85138	80.09414	75.24957	75.46197	55.49799	1.612134	42.88987	18.52474	24.36514	29.97753	2
1713.025	1716.525	1355.525	76.08739	120.5311	74.49435	72.54731	53.17708	2.457742	44.36518	26.01826	18.34691	29.21282	2
1713.03	1716.53	1355.53	76.08739	122.1463	75.01356	74.57696	48.76231	3.567762	47.66993	31.93399	15.73594	28.38922	2
1713.035	1716.535	1355.535	67.0602	83.7563	65.49077	64.31074	70.19869	0	29.80131	19.08186	10.71945	31.12916	2
1713.04	1716.54	1355.54	66.22238	87.65518	65.78578	57.54921	61.24657	0.717983	38.03545	9.291991	28.74345	31.6349	2
1713.045	1716.545	1355.545	62.95372	52.67666	62.37551	60.49927	73.81597	0	26.18403	8.150928	18.0331	30.71742	2
1713.05	1716.55	1355.55	63.40213	50.85254	62.70591	60.25146	74.75939	0	25.24061	18.24259	6.998015	30.87118	2
1713.055	1716.555	1355.555	65.71497	65.87715	65.85658	60.97128	62.50253	0	37.49747	10.8842	26.61327	31.5825	2
1713.06	1716.56	1355.56	62.54071	30.11885	62.1749	59.96826	78.00879	0	21.99121	11.3943	10.5969	30.58198	2
1713.065	1716.565	1355.565	56.74679	19.74504	56.36918	56.14498	85.94111	0	14.05889	11.95457	2.104313	30.68789	2
1713.07	1716.57	1355.57	57.67901	41.49523	56.99459	55.74377	82.19768	0	17.80232	17.80232	0	30.97586	2
1713.075	1716.575	1355.575	62.2811	34.76966	61.71469	59.33104	78.67682	0	21.32318	10.65114	10.67204	30.77586	2
1713.08	1716.58	1355.58	66.836	51.78548	66.74159	65.13676	66.71041	0	33.28959	23.84334	9.44625	30.74629	2
1713.085	1716.585	1355.585	72.27591	62.57703	72.24051	75.01356	58.63688	0.690716	40.6724	26.94712	13.72528	30.15182	2
1713.09	1716.59	1355.59	72.62992	42.94338	72.42931	72.15791	64.34286	0	35.65714	17.94461	17.71252	31.05523	2

1713.095	1716.595	1355.595	73.29073	63.77454	73.17273	71.24929	58.05361	0.856602	41.08979	28.8624	12.22739	30.95823	2
1713.1	1716.6	1355.6	69.91586	42.16361	69.92766	69.07804	65.38236	0	34.61764	14.64115	19.97648	30.84628	2
1713.105	1716.605	1355.605	69.24325	42.72059	69.34945	71.22569	65.13476	0	34.86524	22.55383	12.31141	30.29734	2
1713.11	1716.61	1355.61	69.56185	52.05005	69.97486	70.76548	60.20617	0.086473	39.70736	17.28758	22.41978	30.86291	2
1713.115	1716.615	1355.615	68.87744	55.22485	68.96004	67.89802	62.62818	0	37.37182	20.87324	16.49858	31.05618	2
1713.12	1716.62	1355.62	67.36701	63.70492	67.75642	66.04538	59.58785	0.365787	40.04636	14.56033	25.48603	30.81614	2
1713.125	1716.625	1355.625	69.69166	53.52606	69.95126	70.81268	60.91843	0	39.08157	11.97826	27.10331	30.92094	2
1713.13	1716.63	1355.63	67.44961	34.93675	67.82722	66.74159	66.56521	0	33.43479	9.808496	23.6263	30.51805	2
1713.135	1716.635	1355.635	60.23966	29.22768	60.03906	60.33406	79.0611	0	20.9389	10.6729	10.266	30.04772	2
1713.14	1716.64	1355.64	60.13346	35.89755	59.76765	57.54921	78.82502	0	21.17498	5.614038	15.56094	30.65738	2
1713.145	1716.645	1355.645	59.85025	36.7748	60.67627	61.51409	69.63663	0	30.36337	14.51613	15.84724	29.29401	2
1713.15	1716.65	1355.65	60.94768	49.87782	62.2929	61.60849	61.43219	0	38.56781	26.13382	12.43399	29.90924	2
1713.155	1716.655	1355.655	61.47869	34.72788	61.20728	59.56705	77.13885	0	22.86115	5.625276	17.23587	30.42798	2
1713.16	1716.66	1355.66	58.42242	28.83779	58.45782	57.1362	78.99827	0	21.00173	14.98585	6.015885	30.17872	2
1713.165	1716.665	1355.665	55.59037	31.92904	55.14196	53.32472	84.60521	0	15.39479	12.77487	2.619922	31.05862	2
1713.17	1716.67	1355.67	57.98581	92.20852	57.3132	52.03849	69.55135	0	30.44865	6.698741	23.74991	31.84483	2
1713.175	1716.675	1355.675	65.17216	60.86431	66.02178	65.99818	58.72791	0.318272	40.95382	18.76581	22.18801	30.31051	2
1713.18	1716.68	1355.68	67.1192	36.44061	67.0484	64.80636	69.98042	0	30.01958	13.93081	16.08878	30.65346	2
1713.185	1716.685	1355.685	66.9304	38.26472	67.013	64.42875	68.52381	0	31.47619	13.98331	17.49288	30.73241	2
1713.19	1716.69	1355.69	66.13978	31.49738	66.06898	67.31981	72.07774	0	27.92226	17.79324	10.12901	29.8802	2
1713.195	1716.695	1355.695	59.92105	18.32474	59.90925	59.48445	80.5295	0	19.4705	11.05874	8.41177	30.04419	2
1713.2	1716.7	1355.7	55.34256	31.19104	54.97675	53.43092	84.37162	0	15.62838	10.50084	5.127537	30.92117	2
1713.205	1716.705	1355.705	58.83543	52.14752	59.83845	57.91501	65.47829	0	34.52171	20.71052	13.81119	29.91229	2
1713.21	1716.71	1355.71	58.58763	25.94148	58.39882	58.12742	81.28478	0	18.71522	9.594085	9.12114	30.231	2
1713.215	1716.715	1355.715	62.52891	121.8957	59.51985	53.63153	76.29487	0.086007	23.61912	17.42196	6.197162	33.31207	2
1713.22	1716.72	1355.72	62.95372	48.80563	62.0569	61.39609	77.22196	0	22.77804	10.44575	12.33229	30.67495	2
1713.225	1716.725	1355.725	61.53769	92.77943	60.27506	56.40458	70.71806	0	29.28194	22.4727	6.809242	31.82065	2
1713.23	1716.73	1355.73	64.53495	74.0648	63.90954	63.52013	67.55111	0	32.44889	8.622761	23.82612	30.7305	2
1713.235	1716.735	1355.735	63.26052	68.84309	62.70591	60.69987	69.43853	0	30.56147	15.43387	15.1276	30.89617	2
1713.24	1716.74	1355.74	63.49653	71.60015	62.91832	61.63209	68.7371	0	31.2629	10.98324	20.27966	30.81451	2
1713.245	1716.745	1355.745	63.03632	59.68072	62.50531	60.53467	71.67919	0	28.32081	16.73942	11.5814	30.76921	2
1713.25	1716.75	1355.75	62.98912	65.8493	61.78549	60.90047	75.44257	0	24.55743	7.334207	17.22322	30.96223	2
1713.255	1716.755	1355.755	62.48171	70.11022	61.30168	57.325	74.69534	0	25.30466	23.44677	1.857888	31.56414	2
1713.26	1716.76	1355.76	59.47265	46.54985	58.61123	56.58159	80.69609	0	19.30391	3.882001	15.42191	31.13435	2
1713.265	1716.765	1355.765	55.44876	30.53659	55.04755	54.98855	84.70665	0	15.29335	14.04734	1.24601	30.69457	2
1713.27	1716.77	1355.77	58.09202	72.72804	59.76765	58.50503	55.96899	0.601365	43.42964	19.87613	23.55351	29.43932	2
1713.275	1716.775	1355.775	55.50776	99.76956	53.43092	49.24184	80.88415	0	19.11585	14.73953	4.376314	33.24231	2
1713.28	1716.78	1355.78	61.11288	89.5907	60.85327	62.2457	64.10714	0.386628	35.50623	11.03505	24.47118	29.96296	2
1713.285	1716.785	1355.785	63.03632	45.75614	62.81211	63.75613	72.67119	0	27.32881	22.29821	5.030609	29.97577	2
1713.29	1716.79	1355.79	58.84723	74.55216	57.089	55.04755	81.44525	0	18.55475	4.838074	13.71667	32.09118	2
1713.295	1716.795	1355.795	56.77039	62.28461	56.22758	54.84695	76.90515	0	23.09485	11.81317	11.28168	30.84225	2
1713.3	1716.8	1355.8	60.92408	56.24135	60.68807	60.60547	72.16848	0	27.83152	15.08625	12.74527	30.22741	2
1713.305	1716.805	1355.805	52.81731	42.02436	51.90869	51.21248	88.27998	0	11.72002	7.381948	4.338077	31.83558	2
1713.31	1716.81	1355.81	53.34832	57.31354	53.74953	54.72895	73.94031	0	26.05969	13.70235	12.35734	29.57564	2
1713.315	1716.815	1355.815	56.15678	60.76683	56.32198	54.88235	72.34986	0	27.65014	11.62739	16.02275	30.22968	2
1713.32	1716.82	1355.82	57.80881	80.55365	56.48718	50.95287	77.56452	0	22.43548	16.36738	6.068097	32.34541	2
1713.325	1716.825	1355.825	59.87385	64.40115	59.26024	57.4784	74.08647	0	25.91353	18.56736	7.346166	30.84901	2
1713.33	1716.83	1355.83	60.48747	62.88337	59.11864	56.45178	79.74217	0	20.25783	11.30206	8.955767	31.62737	2
1713.335	1716.835	1355.835	60.53467	52.16145	60.46387	56.92379	72.23375	0	27.76625	21.49124	6.27501	30.73314	2
1713.34	1716.84	1355.84	55.42516	38.44574	54.89415	52.5577	83.82032	0	16.17968	16.17968	0	31.22114	2
1713.345	1716.845	1355.845	54.84695	38.47359	54.02093	53.06511	86.63183	0	13.36817	9.406443	3.961729	31.49191	2
1713.35	1716.85	1355.85	57.2188	47.77521	57.3368	55.69657	74.88259	0	25.11741	18.78462	6.332796	30.21012	2
1713.355	1716.855	1355.855	58.87083	54.31976	57.91501	57.4784	80.10105	0	19.89895	19.89895	0	30.96169	2
1713.36	1716.86	1355.86	59.04784	36.00894	59.29564	60.65267	75.04134	0	24.95866	19.83444	5.124225	29.49224	2
1713.365	1716.865	1355.865	55.76737	34.63041	55.55496	56.27478	81.95959	0	18.04041	10.96949	7.070918	30.21691	2
1713.37	1716.87	1355.87	55.81457	50.99178	55.50776	54.22154	78.68833	0	21.31167	7.020589	14.29108	30.62901	2
1713.375	1716.875	1355.875	55.84997	44.8789	55.20096	54.17434	82.78719	0	17.21281	6.336728	10.87609	31.04059	2
1713.38	1716.88	1355.88	56.84119	47.95623	55.72017	53.07691	84.78863	0	15.21137	15.21137	0	31.85917	2
1713.385	1716.885	1355.885	59.68505	93.25286	59.04784	50.09145	67.46096	0.137548	32.40149	22.45321	9.948274	32.329	4
1713.39	1716.89	1355.89	62.38731	85.76144	61.83269	53.86753	66.14765	0	33.85235	21.6727	12.17965	32.24598	4
1713.395	1716.895	1355.895	65.26656	71.44698	63.66173	60.84147	75.10205	0	24.89795	14.48558	10.41238	31.42746	4
1713.4	1716.9	1355.9	63.10712	62.06182	62.52891	58.61123	71.40363	0	28.59637	17.55641	11.03996	31.17074	4
1713.405	1716.905	1355.905	64.45235	95.80106	63.34313	58.24542	66.11646	0.285183	33.59836	14.10618	19.49218	31.62495	4
1713.41	1716.91	1355.91	68.57063	94.74279	67.24901	66.71799	64.22987	0.346707	35.42342	10.88566	24.53776	30.74571	4
1713.415	1716.915	1355.915	72.92492	111.1459	71.39089	68.96004	57.9005	1.580653	40.51885	23.32989	17.18896	29.93561	4
1713.42	1716.92	1355.92	69.53825	69.49754	68.40543	67.96882	67.98578	0	32.01422	11.59995	20.41426	30.8081	4
1713.425	1716.925	1355.925	64.74735	82.48917	63.33132	62.69411	71.44428	0	28.55572	21.21814	7.337577	31.05452	4
1713.43	1716.93	1355.93	64.84176	130.5429	62.52891	59.88565	66.67878	1.368128	31.95309	9.525259	22.42783	30.41901	4
1713.435	1716.935	1355.935	57.77341	51.00571	56.93559	55.16556	80.99816	0	19.00184	13.40507	5.596764	31.18727	4
1713.44	1716.94	1355.94	62.0333	90.67682	62.1985	55.40156	59.70525	1.00265	39.2921	14.11975	25.17235	30.75771	4
1713.445	1716.945	1355.945	65.12496	61.67193	65.39637	64.53495	63.05703	0	36.94297	24.05449	12.88847	30.68919	4
1713.45	1716.95	1355.95	66.36399	104.7963	65.32557	64.06294	61.63218	1.159807	37.20801	27.00004	10.20797	29.99078	4
1713.455	1716.955	1355.955	69.67986	56.50591	69.37305	69.46745	64.59785	0	35.40215	7.195004	28.20715	30.77811	4

1713.46	1716.96	1355.96	69.84506	68.73169	69.85686	69.18425	59.01803	0.666099	40.31588	22.89882	17.41705	30.55818	4
1713.465	1716.965	1355.965	68.64143	61.53269	67.50861	63.83874	70.73835	0	29.26165	21.266	7.995647	31.27688	4
1713.47	1716.97	1355.97	63.75613	74.49646	62.2693	62.1631	74.83915	0	25.16085	22.11242	3.048427	30.9794	4
1713.475	1716.975	1355.975	67.73282	129.8606	67.87442	59.59065	45.16213	4.565548	50.27232	17.43831	32.83401	28.81504	4
1713.48	1716.98	1355.98	70.24627	92.59841	69.84506	65.34917	56.07398	1.729292	42.19672	13.33442	28.86231	30.28245	4
1713.485	1716.985	1355.985	67.86262	77.19783	67.87442	64.88896	58.79306	0.857572	40.34936	17.7953	22.55407	30.62415	4
1713.49	1716.99	1355.99	66.41119	54.20836	66.02178	63.42573	68.8012	0	31.1988	14.60726	16.59155	30.90615	4
1713.495	1716.995	1355.995	59.96826	36.53808	59.57885	57.78521	79.0049	0	20.9951	19.36553	1.629564	30.60446	4
1713.5	1717	1356	54.57554	37.33178	54.35134	53.15952	82.49379	0	17.50621	12.06127	5.444938	30.66638	4
1713.505	1717.005	1356.005	56.27478	69.60894	55.70837	56.26298	75.77153	0	24.22847	11.39405	12.83442	30.55151	4
1713.51	1717.01	1356.01	55.84997	51.40952	55.54316	55.86177	78.55467	0	21.44533	20.68707	0.75826	30.32859	4
1713.515	1717.015	1356.015	57.3368	101.2038	57.59641	58.50503	60.74688	1.187047	38.06607	22.79918	15.26689	28.90579	4
1713.52	1717.02	1356.02	60.49927	62.08967	59.49625	58.57583	77.08838	0	22.91162	17.50304	5.408574	30.95795	4
1713.525	1717.025	1356.025	65.17216	62.14537	64.53495	63.03632	69.94083	0	30.05917	18.31927	11.7399	30.77838	4
1713.53	1717.03	1356.03	67.92162	65.36194	66.9186	63.90954	69.46793	0	30.53207	14.76122	15.77085	31.19495	4
1713.535	1717.035	1356.035	68.67683	46.88404	67.54401	67.59121	74.25076	0	25.74924	20.01124	5.738001	30.46311	4
1713.54	1717.04	1356.04	71.16669	135.5975	68.60603	62.64691	61.55712	1.562819	36.88007	25.04912	11.83094	30.47563	4
1713.545	1717.045	1356.045	72.55911	137.4773	71.03688	63.35493	51.7734	3.339238	44.88736	17.54666	27.3407	29.44281	4
1713.55	1717.05	1356.05	70.39967	125.1958	68.53523	63.44933	59.38431	1.811872	38.80382	19.29408	19.50974	30.13003	4
1713.555	1717.055	1356.055	68.19302	99.93666	67.98062	67.59121	54.72388	2.143393	43.13273	23.25313	19.87959	29.03207	4
1713.56	1717.06	1356.06	65.53797	65.13915	64.91256	62.3165	68.78834	0	31.21166	13.56846	17.6432	31.03286	4
1713.565	1717.065	1356.065	63.96854	52.77413	63.01272	59.22484	75.78521	0	24.21479	11.65322	12.56157	31.25173	4
1713.57	1717.07	1356.07	62.1985	49.65503	61.62029	60.67627	75.242	0	24.758	6.121731	18.63626	30.53533	4
1713.575	1717.075	1356.075	60.91228	53.97164	60.88867	60.46387	71.08247	0	28.91753	5.917498	23.00003	30.15892	4
1713.58	1717.08	1356.08	61.53769	71.90649	61.12468	59.29564	69.18477	0	30.81523	20.02187	10.79336	30.81885	4
1713.585	1717.085	1356.085	60.75887	36.64947	60.46387	59.90925	77.51896	0	22.48104	5.144796	17.33624	30.2606	4
1713.59	1717.09	1356.09	56.26298	42.14968	56.48718	55.54316	76.30025	0	23.69975	22.90763	0.792116	29.97854	2
1713.595	1717.095	1356.095	55.59037	64.35937	54.90595	51.51928	78.5861	0	21.4139	9.655538	11.75836	31.44714	2
1713.6	1717.1	1356.1	58.21002	65.47334	57.62001	56.77039	75.17483	0	24.82517	17.86597	6.959207	30.72132	2
1713.605	1717.105	1356.105	57.3958	42.01043	57.1598	55.64937	78.85837	0	21.14163	21.14163	0	30.51271	2
1713.61	1717.11	1356.11	58.25722	52.52349	59.01244	61.54949	67.83975	0	32.16025	17.14423	15.01602	29.1176	2
1713.615	1717.115	1356.115	58.98884	31.87335	58.29262	57.3604	83.41258	0	16.58742	11.25249	5.334931	30.88328	2
1713.62	1717.12	1356.12	52.03849	40.67368	50.49266	49.05303	94.26175	0	5.738247	5.738247	0	33.41785	2
1713.625	1717.125	1356.125	51.59008	44.60041	51.35408	49.39524	83.57286	0	16.42714	16.42714	0	31.06198	2
1713.63	1717.13	1356.13	50.50446	30.46696	50.58706	50.16225	85.52273	0	14.47727	4.408363	10.06891	30.54079	2
1713.635	1717.135	1356.135	50.85847	20.71976	51.07087	50.44546	86.54989	0	13.45011	10.23291	3.217196	30.44739	2
1713.64	1717.14	1356.14	54.94135	40.39518	55.20096	53.71413	77.66638	0	22.33362	6.302017	16.0316	30.07841	2
1713.645	1717.145	1356.145	54.85875	48.74993	54.68175	51.00007	79.10425	0	20.89575	7.075895	13.81986	30.98263	2
1713.65	1717.15	1356.15	56.42818	45.47765	58.00942	58.70563	64.82593	0	35.17407	13.02382	22.15025	28.86472	2
1713.655	1717.155	1356.155	57.82061	30.091	58.56403	60.14526	73.76155	0	26.23845	19.0647	7.173749	29.02042	2
1713.66	1717.16	1356.16	58.92983	64.9999	58.24542	54.75255	75.35878	0	24.64122	7.044417	17.5968	31.2551	2
1713.665	1717.165	1356.165	61.14828	142.3648	57.76161	51.69629	75.53798	1.162918	23.2991	8.272245	15.02685	32.46737	2
1713.67	1717.17	1356.17	72.68892	168.0974	76.40599	68.27563	3.639274	15.07063	81.2901	81.2901	0	-9999	2
1713.675	1717.175	1356.175	67.1546	34.95068	66.31679	65.78578	76.25278	0	23.74722	12.0304	11.71681	30.45995	2
1713.68	1717.18	1356.18	62.51711	41.17496	61.9625	60.41666	76.81816	0	23.18184	13.42803	9.753811	30.59827	2
1713.685	1717.185	1356.185	61.9861	70.05452	60.34586	57.84421	78.73141	0	21.26859	6.368516	14.90008	31.68067	2
1713.69	1717.19	1356.19	62.0097	50.81076	61.20728	59.01244	76.8736	0	23.1264	16.59993	6.526469	30.93116	2
1713.695	1717.195	1356.195	58.41062	35.78615	57.2306	56.22758	86.74717	0	13.25283	13.25283	0	31.58455	2
1713.7	1717.2	1356.2	55.46056	20.77546	55.02395	54.68175	87.33234	0	12.66766	12.31986	0.347796	30.93146	2
1713.705	1717.205	1356.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1714.005	1717.505	1356.505	69.88046	26.54023	69.25505	67.013	74.13419	0	25.86581	20.15912	5.706692	30.72931	2
1714.01	1717.51	1356.51	62.65871	27.38963	62.0805	60.88867	80.20684	0	19.79316	18.86709	0.926072	30.56168	2
1714.015	1717.515	1356.515	60.38126	27.97447	60.25146	60.73527	78.68539	0	21.31461	8.310731	13.00388	29.93776	2
1714.02	1717.52	1356.52	65.01876	96.87325	64.38155	58.72923	61.67782	0.945194	37.37699	15.77166	21.60533	30.90745	2
1714.025	1717.525	1356.525	64.88896	115.56	64.98336	57.78521	51.60502	3.040697	45.35428	16.71073	28.64355	29.3229	2
1714.03	1717.53	1356.53	65.75037	93.85162	64.07474	59.09504	69.78373	0	30.21627	20.98308	9.233186	32.01413	2
1714.035	1717.535	1356.535	66.57639	81.69547	65.27836	62.45811	69.03912	0	30.96088	20.10522	10.85565	31.37944	2
1714.04	1717.54	1356.54	67.39061	105.5065	66.64719	65.44357	58.22954	1.694035	40.07643	25.08675	14.98967	29.47937	2
1714.045	1717.545	1356.545	70.05746	152.9754	69.40845	58.48143	43.55695	5.404088	51.03896	36.08717	14.95179	28.79998	2
1714.05	1717.55	1356.55	68.29923	137.1431	67.47321	61.76189	50.37771	3.838185	45.78411	17.28287	28.50123	28.6182	2
1714.055	1717.555	1356.555	68.18122	108.9459	66.777	62.0333	61.79115	1.160695	37.04815	14.77938	22.26877	30.68906	2
1714.06	1717.56	1356.56	70.42327	158.2667	70.26987	62.83571	38.09893	6.572251	55.32882	38.3236	17.00523	27.85361	2
1714.065	1717.565	1356.565	69.78606	187.8007	69.34945	66.8242	33.73278	8.024177	58.24305	27.242	31.00104	26.19841	1
1714.07	1717.57	1356.57	74.45895	148.2967	76.29979	79.79266	21.34347	10.72203	67.9345	40.58057	27.35393	26.79949	1
1714.075	1717.575	1356.575	77.63322	111.4662	79.17905	82.21171	29.62242	9.019628	61.35795	26.62258	34.73537	27.26239	1
1714.08	1717.58	1356.58	81.30309	94.36683	81.7279	82.25891	39.07211	6.6276	54.30029	33.23966	21.06062	28.29756	1
1714.085	1717.585	1356.585	81.5509	139.2318	82.54212	85.96419	23.59712	11.34818	65.0547	34.47902	30.57568	27.0265	1
1714.09	1717.59	1356.59	76.32339	114.5714	77.51522	78.10523	32.81957	7.836782	59.34365	31.97173	27.37192	27.57532	1
1714.095	1717.595	1356.595	69.91586	101.0645	70.37607	70.48227	47.65317	3.549639	48.7972	28.11327	20.68393	28.25781	1
1714.1	1717.6	1356.6	67.60301	97.98722	67.63841	67.61481	53.81797	2.245685	43.93635	29.8306	14.10575	28.85539	1
1714.105	1717.605	1356.605	65.20756	113.5827	66.19878	70.28167	44.84006	4.061577	51.09836	26.4507	24.64766	26.75836	1
1714.11	1717.61	1356.61	61.30168	135.6671	60.05086	53.08871	60.46491	2.579732	36.95536	14.06873	22.88663	29.66595	1
1714.115	1717.615	1356.615	58.41062	98.83661	56.92379	53.36012	73.8667	0	26.1333	20.32742	5.805877	32.13689	1

1714.12	1717.62	1356.62	59.64965	89.20081	58.24542	55.44876	74.4185	0	25.5815	13.53502	12.04648	31.77763	1
1714.125	1717.625	1356.625	60.06266	61.01748	59.49625	55.55496	74.36582	0	25.63418	7.81853	17.81565	31.18194	1
1714.13	1717.63	1356.63	61.64389	70.13807	61.69109	61.34888	65.9484	0	34.0516	20.14413	13.90747	30.40115	1
1714.135	1717.635	1356.635	66.59999	121.7425	67.0484	66.74159	45.79114	4.207618	50.00124	16.28826	33.71298	27.50685	1
1714.14	1717.64	1356.64	73.19633	130.6821	73.70374	73.65654	37.10188	6.477753	56.42037	35.02556	21.39481	27.2524	1
1714.145	1717.645	1356.645	75.81598	211.5282	77.84562	78.11703	3.329754	16.02463	80.64561	75.52912	5.116496	-9999	1
1714.15	1717.65	1356.65	72.75972	160.2022	74.04595	72.55911	24.32387	9.769576	65.90655	35.62934	30.27722	27.17883	1
1714.155	1717.655	1356.655	71.57969	202.8671	73.10193	72.33491	13.25555	12.66737	74.07708	45.54663	28.53045	27.25599	1
1714.16	1717.66	1356.66	69.31405	146.5422	71.20209	74.62416	26.13556	8.703635	65.1608	28.86581	36.29499	26.31896	1
1714.165	1717.665	1356.665	72.62992	138.6748	73.40873	78.56544	33.58535	7.345197	59.06946	29.41212	29.65734	26.06741	1
1714.17	1717.67	1356.67	75.15517	152.3766	75.75698	70.94248	29.31806	8.715101	61.96684	37.24553	24.7213	27.81635	1
1714.175	1717.675	1356.675	75.42657	194.8326	76.8662	77.19661	12.30093	13.42676	74.27231	65.03466	9.237656	27.50522	1
1714.18	1717.68	1356.68	70.65928	145.6371	71.48529	73.32613	33.34766	7.330777	59.32157	25.88418	33.43738	26.42796	1
1714.185	1717.685	1356.685	70.80088	183.4284	71.06048	71.43809	28.46158	8.999964	62.53846	26.42015	36.1183	25.98085	1
1714.19	1717.69	1356.69	69.17244	132.6873	67.75642	63.86234	55.22526	2.839007	41.93573	31.83631	10.09942	29.01423	1
1714.195	1717.695	1356.695	65.80938	88.76915	64.84176	63.63813	65.47229	0.103925	34.42378	13.41575	21.00803	31.04962	1
1714.2	1717.7	1356.7	63.85054	92.68195	62.94192	61.71469	65.87027	0.233913	33.89582	19.77297	14.12285	30.89005	1
1714.205	1717.705	1356.705	70.05746	120.2665	70.45867	65.20756	43.33327	4.787467	51.87926	28.02121	23.85806	28.50569	1
1714.21	1717.71	1356.71	72.62992	132.8265	74.98996	77.51522	22.74609	9.916222	67.33769	50.18028	17.15741	27.13416	1
1714.215	1717.715	1356.715	75.76878	150.9841	79.62746	84.06435	3.849796	16.21442	79.93579	78.25253	1.683257	-9999	1
1714.22	1717.72	1356.72	77.10221	106.5508	78.32943	78.60084	33.76967	7.698699	58.53163	37.27433	21.2573	27.81811	1
1714.225	1717.725	1356.725	74.51795	129.8188	76.38239	77.20841	25.57794	9.549842	64.87222	33.79638	31.07584	27.37482	1
1714.23	1717.73	1356.73	69.73886	126.1984	70.25807	69.56185	41.27636	5.295229	53.42841	36.95605	16.47236	27.41014	1
1714.235	1717.735	1356.735	65.45537	118.0108	65.99818	67.61481	47.01567	3.850975	49.13335	20.8402	28.29316	27.26072	1
1714.24	1717.74	1356.74	65.39637	119.1526	65.99818	68.81844	46.33638	3.989913	49.67371	22.86137	26.81235	26.95818	1
1714.245	1717.745	1356.745	58.85903	90.24515	59.47265	57.1126	59.25486	0.94872	39.79641	12.78126	27.01515	29.66842	1
1714.25	1717.75	1356.75	57.4902	84.49431	57.96221	56.75859	63.00331	0.253211	36.74347	13.79595	22.94753	30.12778	1
1714.255	1717.755	1356.755	57.99762	117.3006	58.17462	57.65541	56.88367	2.283065	40.83326	21.48825	19.34501	28.20974	1
1714.26	1717.76	1356.76	56.41638	84.67532	55.40156	53.28932	75.47036	0	24.52964	5.712486	18.81715	31.52009	1
1714.265	1717.765	1356.765	52.2745	55.3084	50.85847	47.6724	89.49705	0	10.50295	10.50295	0	33.0767	1
1714.27	1717.77	1356.77	49.58404	33.25188	49.17103	48.01461	89.53654	0	10.46346	9.174612	1.288846	31.66359	1
1714.275	1717.775	1356.775	57.1362	152.0703	57.0418	51.07087	51.36531	4.31302	44.32167	31.25511	13.06656	27.58966	1
1714.28	1717.78	1356.78	69.27865	224.5198	72.86592	76.524	0	16.81274	83.18726	83.18726	0	-9999	1
1714.285	1717.785	1356.785	72.16971	125.0566	74.74216	78.76604	23.40367	9.595228	67.00111	32.0757	34.9254	26.96027	1
1714.29	1717.79	1356.79	69.38485	109.1686	70.25807	71.56789	42.97969	4.602196	52.41812	18.3144	34.10371	27.49664	1
1714.295	1717.795	1356.795	66.8596	88.49066	68.21663	70.45867	46.55747	3.250259	50.19228	18.09988	32.09239	27.91183	1
1714.3	1717.8	1356.8	68.18122	131.5872	71.29649	71.7095	21.28587	9.249531	69.4646	47.67498	21.78961	27.55699	1
1714.305	1717.805	1356.805	67.66201	198.5226	71.46169	74.97816	0.260966	14.6535	85.08554	85.08554	0	-9999	1
1714.31	1717.81	1356.81	67.42601	121.297	69.92766	73.24353	29.22641	7.301144	63.47245	26.37733	37.09511	26.68964	1
1714.315	1717.815	1356.815	67.40241	184.6538	70.71828	73.17273	7.605597	12.82644	79.56796	58.9482	20.61977	-9999	1
1714.32	1717.82	1356.82	70.55307	121.4362	71.41449	72.47651	39.02763	5.725788	55.24659	37.72625	17.52033	27.16166	1
1714.325	1717.825	1356.825	61.43149	127.7997	61.04208	59.49625	55.57341	2.876821	41.54977	16.73619	24.81358	28.18468	1
1714.33	1717.83	1356.83	61.37248	158.1274	62.42271	59.62605	37.13126	6.362815	56.50593	33.90968	22.59625	26.44314	1
1714.335	1717.835	1356.835	57.1716	196.5732	53.21852	48.46302	70.4678	4.525189	25.00701	13.65335	11.35366	29.14525	1
1714.34	1717.84	1356.84	54.54014	215.5524	54.54014	44.78134	37.65939	8.414808	53.9258	20.29123	33.63457	25.73658	1
1714.345	1717.845	1356.845	62.71771	238.3887	65.96278	74.83656	0	14.61919	85.38081	85.38081	0	-9999	1
1714.35	1717.85	1356.85	64.02754	206.6685	67.0366	71.32009	7.760657	12.60876	79.63058	76.62685	3.003733	-9999	1
1714.355	1717.855	1356.855	65.03056	223.4198	67.94522	76.28799	3.515688	13.95214	82.53218	81.05929	1.472883	-9999	1
1714.36	1717.86	1356.86	67.60301	140.6382	71.30829	74.09315	15.0549	10.56549	74.37961	53.74317	20.63644	27.62052	1
1714.365	1717.865	1356.865	66.69439	87.39062	68.88924	72.21691	40.48258	4.312395	55.20503	27.68577	27.51926	27.40622	1
1714.37	1717.87	1356.87	64.14554	132.7151	66.69439	67.54401	29.11544	7.056483	63.82808	32.451	31.37707	26.74487	1
1714.375	1717.875	1356.875	65.05416	181.2005	69.47925	73.38513	2.005206	13.26492	84.72988	84.72988	0	-9999	1
1714.38	1717.88	1356.88	68.09862	112.2321	70.09286	71.8275	34.73374	6.147801	59.11846	30.28038	28.83808	27.08948	1
1714.385	1717.885	1356.885	66.51739	139.009	69.70346	72.40571	20.47181	9.188419	70.33977	40.14311	30.19665	26.99298	1
1714.39	1717.89	1356.89	63.18972	90.4401	64.91256	66.43479	46.62698	2.924397	50.44863	27.59121	22.85742	27.81473	1
1714.395	1717.895	1356.895	66.836	166.3986	70.85988	74.21115	7.057321	12.46452	80.47816	62.25862	18.21953	-9999	1
1714.4	1717.9	1356.9	67.24901	142.9079	69.58545	72.54731	25.43973	8.450226	66.11004	43.55893	22.55111	26.45065	2
1714.405	1717.905	1356.905	64.52315	92.27814	63.73253	64.65295	64.43467	0.405029	35.1603	8.311134	26.84917	30.27154	2
1714.41	1717.91	1356.91	63.04812	89.15904	64.72375	67.89802	47.43308	2.748748	49.81818	23.28382	26.53436	27.59266	2
1714.415	1717.915	1356.915	63.28412	68.43927	64.31074	64.48775	57.25999	0.65188	42.08813	19.59014	22.498	29.7471	2
1714.42	1717.92	1356.92	62.42271	36.45453	62.52891	62.76491	72.92605	0	27.07395	7.049367	20.02459	29.8543	2
1714.425	1717.925	1356.925	62.81211	36.34313	62.89472	62.68231	72.77765	0	27.22235	19.2553	7.967047	29.96199	2
1714.43	1717.93	1356.93	60.46387	37.17861	60.62907	60.53467	74.09569	0	25.90431	19.87673	6.027574	29.83254	2
1714.435	1717.935	1356.935	57.78521	50.64367	57.60821	54.50474	75.95362	0	24.04638	5.848092	18.19829	30.72924	2
1714.44	1717.94	1356.94	63.18972	83.83985	61.52589	57.384	74.47093	0	25.52907	20.87154	4.657537	31.90927	2
1714.445	1717.945	1356.945	65.38457	105.7293	64.46415	56.82939	61.39296	1.258681	37.34836	25.04516	12.3032	31.02227	2
1714.45	1717.95	1356.95	63.04812	71.92042	62.71771	61.38428	67.15164	0	32.84836	16.87296	15.97539	30.75548	2
1714.455	1717.955	1356.955	69.01904	203.9393	66.26959	60.78247	48.45746	5.89487	45.64767	26.32697	19.3207	26.81282	2
1714.46	1717.96	1356.96	69.56185	173.8622	65.67957	60.20426	64.01611	2.440814	33.54308	19.22028	14.32279	29.73873	2
1714.465	1717.965	1356.965	59.63785	59.70857	58.70563	58.94163	77.9084	0	22.0916	8.819444	13.27215	30.73016	2
1714.47	1717.97	1356.97	57.4076	37.98623	56.94739	55.35436	81.55896	0	18.44104	16.44388	1.997163	30.79512	2
1714.475	1717.975	1356.975	57.384	86.02601	55.69657	53.70233	79.46604	0	20.53396	20.53396	0	32.12718	2
1714.48	1717.98	1356.98	59.18944	125.9617	57.73801	53.84393	66.31157	1.616077	32.07235	18.34852	13.72384	30.23387	2

1714.485	1717.985	1356.985	64.32255	206.4318	62.70591	54.25694	43.39567	7.198574	49.40575	17.49701	31.90874	26.5782	2
1714.49	1717.99	1356.99	72.21691	304.2241	75.02537	76.38239	0	22.16915	77.83085	77.83085	0	-9999	2
1714.495	1717.995	1356.995	66.52919	232.9581	63.47293	57.52561	46.10332	7.499457	46.39722	17.30234	29.09488	25.76581	2
1714.5	1718	1357	57.0182	116.312	55.72017	47.94381	69.45547	0.963895	29.58063	13.49637	16.08426	31.69662	2
1714.505	1718.005	1357.005	57.3368	95.43902	56.60519	54.15074	69.82392	0.007327	30.16876	11.85682	18.31194	31.3913	2
1714.51	1718.01	1357.01	65.06596	158.9072	64.98336	60.82967	42.32393	5.78515	51.89092	33.24046	18.65045	27.0083	2
1714.515	1718.015	1357.015	69.85686	136.3633	69.73886	66.43479	43.64628	5.038238	51.31548	29.04333	22.27215	27.77231	2
1714.52	1718.02	1357.02	73.13733	94.85419	73.07833	76.35879	50.21621	3.024149	46.75965	28.022	18.73765	28.23941	2
1714.525	1718.025	1357.025	72.24051	118.8741	72.12251	74.78936	45.68573	4.342967	49.97131	28.13892	21.83239	27.35252	2
1714.53	1718.03	1357.03	81.4919	94.21366	83.00233	87.36842	30.52191	9.772606	59.70549	27.49577	32.20972	27.3866	2
1714.535	1718.035	1357.035	85.31518	89.89704	86.6368	87.09701	29.51234	11.22304	59.26462	42.59176	16.67286	28.21964	2
1714.54	1718.04	1357.04	87.63982	133.6063	87.00261	90.36568	31.97705	8.475195	59.54776	30.68271	28.86505	27.22501	2
1714.545	1718.045	1357.045	94.82617	200.667	95.09758	91.79351	2.095111	20.96144	76.94345	76.58971	0.353735	-9999	2
1714.55	1718.05	1357.05	91.61651	236.3835	92.00591	92.21832	0	21.62395	78.37605	78.37605	0	-9999	2
1714.555	1718.055	1357.055	88.19444	153.5045	89.71667	91.62831	9.915741	18.36659	71.71767	56.43279	15.28488	28.36686	2
1714.56	1718.06	1357.06	90.60169	216.6663	93.16234	98.99166	0	29.57443	70.42557	70.42557	0	-9999	2
1714.565	1718.065	1357.065	91.3215	218.1284	92.90273	94.92057	0	25.71882	74.28118	74.28118	0	-9999	2
1714.57	1718.07	1357.07	86.4834	131.0024	85.66918	83.53334	35.04288	7.288938	57.66819	24.5192	33.14899	28.2964	2
1714.575	1718.075	1357.075	83.26193	147.0992	82.19991	78.68344	36.03169	6.718925	57.24939	33.87392	23.37547	28.13061	2
1714.58	1718.08	1357.08	77.24381	80.66505	76.6066	76.9488	54.35315	1.878978	43.76787	23.57772	20.19015	29.85125	2
1714.585	1718.085	1357.085	80.54788	214.884	79.41506	75.79238	22.6734	10.51397	66.81263	41.73652	25.07611	27.00162	2
1714.59	1718.09	1357.09	84.54816	214.4106	82.88433	72.96032	23.22305	9.811978	66.96497	49.18981	17.77517	28.44219	2
1714.595	1718.095	1357.095	77.53882	140.0394	76.32339	72.0635	44.19429	4.729334	51.07637	32.65273	18.42364	28.41768	2
1714.6	1718.1	1357.1	72.88952	121.3248	72.40571	68.53523	47.33057	4.017975	48.65146	28.40476	20.2467	28.67618	2
1714.605	1718.105	1357.105	73.10193	172.985	73.68014	63.63813	26.40273	9.435689	64.16159	29.50351	34.65807	28.36374	2
1714.61	1718.11	1357.11	77.60962	156.4147	76.7954	70.24627	37.05697	6.694343	56.24869	27.21425	29.03444	28.16563	2
1714.615	1718.115	1357.115	81.4801	185.2804	82.68372	87.62802	10.87237	15.02681	74.10082	55.4297	18.67112	27.20137	2
1714.62	1718.12	1357.12	82.23531	175.9787	85.57478	88.85525	0	21.5124	78.4876	78.4876	0	-9999	2
1714.625	1718.125	1357.125	84.86677	123.2742	87.53362	90.69609	11.42208	17.93608	70.64183	45.79205	24.84978	28.34789	2
1714.63	1718.13	1357.13	85.09097	137.1849	86.95541	88.48944	14.06817	16.1685	69.76334	51.5457	18.21764	28.1812	2
1714.635	1718.135	1357.135	87.35662	121.8122	89.32726	93.06794	14.8809	17.34225	67.77684	38.10514	29.67171	27.84896	2
1714.64	1718.14	1357.14	90.23588	198.077	91.5221	93.56355	0	22.03672	77.96328	77.96328	0	-9999	2
1714.645	1718.145	1357.145	86.05859	280.1763	88.73725	91.1681	0	29.65435	70.34565	70.34565	0	-9999	2
1714.65	1718.15	1357.15	94.17716	270.6798	96.1478	97.25702	0	34.3482	65.6518	65.6518	0	-9999	2
1714.655	1718.155	1357.155	91.73451	183.7347	92.33632	93.25674	6.476401	19.13218	74.39142	56.9013	17.49012	-9999	2
1714.66	1718.16	1357.16	91.01469	230.6466	92.87913	85.59838	0	27.61643	72.38357	72.38357	0	-9999	2
1714.665	1718.165	1357.165	90.30668	157.3337	91.2153	85.94059	11.80129	17.67197	70.52674	63.21956	7.307182	29.44593	2
1714.67	1718.17	1357.17	93.32754	160.6617	94.25976	94.38956	8.033828	20.47136	71.49481	60.10235	11.39246	28.80945	2
1714.675	1718.175	1357.175	89.15026	178.1092	89.11485	86.3064	15.15369	14.40758	70.43873	42.25447	28.18427	28.46193	2
1714.68	1718.18	1357.18	85.92879	153.1842	84.94937	83.43894	31.46544	8.077459	60.4571	31.03673	29.42038	27.74701	2
1714.685	1718.185	1357.185	92.47792	296.6769	94.14176	91.65191	0	32.5705	67.4295	67.4295	0	-9999	2
1714.69	1718.19	1357.19	89.90547	302.4556	92.23012	87.09701	0	33.48346	66.51654	66.51654	0	-9999	2
1714.695	1718.195	1357.195	81.24409	129.9441	82.12911	79.16725	26.95007	10.27295	62.77698	34.30854	28.46844	28.2064	2
1714.7	1718.2	1357.2	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1715.01	1718.51	1357.51	79.85166	51.00571	79.87526	79.76906	54.01018	2.113381	43.87644	14.09853	29.77791	30.60303	2
1715.015	1718.515	1357.515	82.21171	32.91769	82.49492	82.40052	54.2043	2.460158	43.33554	20.75862	22.57693	31.05331	2
1715.02	1718.52	1357.52	79.46226	59.22121	79.73366	82.05831	50.4598	3.148324	46.39188	18.69261	27.69927	29.50045	2
1715.025	1718.525	1357.525	88.83165	36.57985	89.30366	91.3097	45.76448	6.68952	47.546	21.65855	25.88745	29.63998	2
1715.03	1718.53	1357.53	83.26193	67.42278	84.46556	86.2474	37.75462	8.051724	54.19366	28.95849	25.23517	28.47876	2
1715.035	1718.535	1357.535	78.81324	65.9607	79.27345	78.61264	47.9627	3.829039	48.20826	25.20514	23.00312	29.61067	2
1715.04	1718.54	1357.54	86.448	196.6289	86.2356	85.96419	14.52978	13.73659	71.73363	52.64904	19.08459	27.71699	2
1715.045	1718.545	1357.545	102.8031	95.28585	104.0658	100.4431	12.57659	29.47672	57.94669	44.80476	13.14193	28.58023	2
1715.05	1718.55	1357.55	87.14421	211.932	85.26798	80.99629	23.08063	9.411114	67.50826	41.1697	26.33855	27.65652	2
1715.055	1718.555	1357.555	64.81816	93.64275	65.52617	62.1513	52.21864	2.28425	45.49711	13.73694	31.76017	29.21954	2
1715.06	1718.56	1357.56	75.03717	149.3271	75.96938	71.8865	27.60395	9.142763	63.25329	46.08241	17.17088	27.79364	2
1715.065	1718.565	1357.565	86.6368	184.6538	85.32698	85.04377	25.75909	9.318707	64.9222	38.21014	26.71207	27.16676	2
1715.07	1718.57	1357.57	75.94578	176.9813	76.41779	82.80173	23.64233	10.36235	65.99533	42.31074	23.68459	25.55343	2
1715.075	1718.575	1357.575	84.67796	113.1372	85.97599	87.53362	24.65738	12.29944	63.04319	41.34365	21.69954	27.77115	2
1715.08	1718.58	1357.58	94.89697	102.3038	97.18622	99.88848	10.19559	25.73579	64.06862	44.37391	19.69471	28.19927	2
1715.085	1718.585	1357.585	90.95569	105.1027	93.71695	97.11542	9.486176	23.44686	67.06697	45.61027	21.4567	28.40534	2
1715.09	1718.59	1357.59	90.23588	84.13227	91.94691	94.28336	23.36246	16.25972	60.37781	26.53762	33.84019	27.9405	2
1715.095	1718.595	1357.595	89.09125	67.58987	89.85827	90.77869	35.73492	10.14377	54.12131	28.88785	25.23345	28.61117	2
1715.1	1718.6	1357.6	85.69278	59.3883	86.2474	88.10003	42.49243	6.736433	50.77114	16.73272	34.03842	28.96844	2
1715.105	1718.605	1357.605	87.27402	190.2793	90.95569	93.87035	0	29.00052	70.99948	70.99948	0	-9999	2
1715.11	1718.61	1357.61	90.63709	109.8788	92.44252	93.41014	16.03107	18.81379	65.15513	38.94347	26.21167	28.2956	2
1715.115	1718.615	1357.615	83.53334	80.16376	83.43894	82.69552	44.48131	5.077527	50.44116	24.13983	26.30133	29.24676	2
1715.12	1718.62	1357.62	77.50342	81.84864	76.33519	73.23173	57.94322	0.894028	41.16275	23.05344	18.10931	31.03238	2
1715.125	1718.625	1357.625	75.66258	98.36318	75.99299	77.84562	44.02589	4.673942	51.30017	17.66524	33.63493	28.01229	2
1715.13	1718.63	1357.63	78.64804	72.10144	79.22625	80.52428	45.71411	4.466518	49.81937	33.22652	16.59285	28.90615	2
1715.135	1718.635	1357.635	77.59782	44.72573	77.71582	77.20841	56.87186	1.189123	41.93901	15.80577	26.13325	31.12628	2
1715.14	1718.64	1357.64	75.08437	46.2435	74.76576	73.82174	62.20066	0	37.79934	6.387892	31.41145	31.58028	2
1715.145	1718.645	1357.645	70.26987	74.16227	69.46745	69.14884	63.62318	0	36.37682	8.510147	27.86667	31.03968	2
1715.15	1718.65	1357.65	72.62992	108.8484	71.7331	72.38211	53.78951	2.434726	43.77576	22.19806	21.5777	28.79499	2

1715.155	1718.655	1357.655	77.06681	160.1883	79.23805	82.18811	13.50583	13.5286	72.96557	49.00367	23.96189	27.56206	2
1715.16	1718.66	1357.66	77.20841	101.1481	78.25863	80.73668	36.35121	6.970908	56.67788	24.95882	31.71906	27.54808	2
1715.165	1718.665	1357.665	72.57091	81.3752	72.45291	71.27289	54.45648	1.883737	43.65978	14.99985	28.65993	29.83613	2
1715.17	1718.67	1357.67	74.49435	167.248	73.34973	71.36729	39.862	6.230254	53.90775	25.11943	28.78832	26.95665	2
1715.175	1718.675	1357.675	71.11948	169.3089	67.65021	64.48775	60.48418	2.581045	36.93478	14.60608	22.32869	28.94089	2
1715.18	1718.68	1357.68	73.96334	53.94379	74.76576	77.78662	52.6806	2.083957	45.23544	31.28449	13.95096	29.50111	2
1715.185	1718.685	1357.685	77.81022	39.96352	79.00205	80.26467	49.50678	3.426114	47.0671	32.23873	14.82838	29.87476	2
1715.19	1718.69	1357.69	72.97212	33.87848	73.19633	72.0281	62.92947	0	37.07053	10.70037	26.37016	31.43607	2
1715.195	1718.695	1357.695	74.93096	61.83903	75.53278	73.32613	51.43442	2.53214	46.03344	32.10639	13.92705	30.19078	2
1715.2	1718.7	1357.7	75.29677	61.63016	75.34397	73.99874	55.44667	1.518768	43.03457	21.47809	21.55647	30.5926	2
1715.205	1718.705	1357.705	75.16697	79.03587	75.08437	71.9927	52.35987	2.403751	45.23638	30.41203	14.82435	30.11955	2
1715.21	1718.71	1357.71	75.06077	66.93542	75.94578	77.58602	47.88683	3.492965	48.6202	21.68769	26.93252	28.99472	2
1715.215	1718.715	1357.715	79.58026	85.46903	81.14969	84.37116	33.93956	8.29834	57.7621	41.02592	16.73619	27.72186	2
1715.22	1718.72	1357.72	80.64228	112.3713	82.54212	83.43894	23.89149	11.62099	64.48752	44.10694	20.38058	27.89105	2
1715.225	1718.725	1357.725	74.24655	102.4709	73.84534	72.12251	50.00457	3.165985	46.82944	31.41823	15.41121	29.03498	2
1715.23	1718.73	1357.73	66.67079	65.15307	67.56761	69.56185	55.94548	0.998795	43.05572	11.46555	31.59017	29.49339	2
1715.235	1718.735	1357.735	76.09919	101.7051	75.89858	73.19633	46.9308	3.934175	49.13502	24.04287	25.09216	29.04095	2
1715.24	1718.74	1357.74	90.04707	129.9023	92.51332	95.89999	6.606884	22.64687	70.74624	54.12477	16.62148	-9999	2
1715.245	1718.745	1357.745	91.3805	95.35547	91.91151	95.21558	28.73858	12.5857	58.67572	26.78324	31.89248	27.68133	2
1715.25	1718.75	1357.75	88.46584	107.804	89.77567	91.5339	22.37169	14.62803	63.00028	40.35623	22.64405	27.8893	2
1715.255	1718.755	1357.755	85.98779	85.4551	87.03801	89.11485	32.07188	10.39952	57.52859	25.99734	31.53125	28.01028	2
1715.26	1718.76	1357.76	81.26769	69.17728	81.4093	79.85166	47.3954	4.145739	48.45886	30.64619	17.81267	29.76563	2
1715.265	1718.765	1357.765	78.64804	128.8719	80.06407	81.4683	25.48257	10.36137	64.15606	46.12475	18.0313	27.39662	2
1715.27	1718.77	1357.77	82.89613	80.20554	82.64832	83.48614	46.24631	4.399384	49.3543	25.78296	23.57134	29.09571	2
1715.275	1718.775	1357.775	79.00205	155.8856	80.06407	80.86649	21.36314	11.45941	67.17745	50.74364	16.43382	27.27673	2
1715.28	1718.78	1357.78	88.26524	162.2073	90.49548	91.60471	2.257399	21.95707	75.78553	75.78553	0	-9999	2
1715.285	1718.785	1357.785	92.40712	117.8019	92.39532	84.70156	26.56884	12.28333	61.14782	41.5387	19.60912	29.54098	2
1715.29	1718.79	1357.79	85.02017	144.5649	85.33878	87.07341	24.32753	11.3541	64.31837	39.39741	24.92095	27.32023	2
1715.295	1718.795	1357.795	80.66588	92.41739	80.59508	81.12609	43.97109	4.941537	51.08737	27.38596	23.70141	28.6186	2
1715.3	1718.8	1357.8	77.63322	120.3222	78.23503	76.9016	34.79541	7.399542	57.80504	31.9102	25.89484	27.86889	2
1715.305	1718.805	1357.805	63.42573	81.01316	63.05992	61.47869	64.87815	0	35.12185	13.69287	21.42898	30.99487	2
1715.31	1718.81	1357.81	65.40817	63.84416	65.20756	61.71469	65.92888	0	34.07112	13.92124	20.14988	31.15492	2
1715.315	1718.815	1357.815	57.76161	50.39303	57.1362	55.29536	79.51116	0	20.48884	4.232311	16.25653	30.94132	2
1715.32	1718.82	1357.82	58.78823	44.22444	57.98581	57.76161	81.43124	0	18.56876	9.248595	9.320165	30.78894	2
1715.325	1718.825	1357.825	67.55581	113.1093	67.1546	65.30197	53.58557	2.675898	43.73854	23.25415	20.48439	28.78174	2
1715.33	1718.83	1357.83	84.39476	71.29381	85.62198	86.2592	35.59273	9.061527	55.34575	23.20504	32.14071	28.55077	2
1715.335	1718.835	1357.835	89.23286	81.51445	90.29488	92.76113	29.94861	12.4081	57.64329	29.23828	28.40501	27.96174	2
1715.34	1718.84	1357.84	91.71091	69.33045	92.99713	95.84099	28.87974	14.62197	56.49829	30.16087	26.33742	27.94354	2
1715.345	1718.845	1357.845	90.99109	74.24582	91.75811	93.77595	32.37633	11.94643	55.67723	31.23408	24.44315	28.19114	2
1715.35	1718.85	1357.85	88.43044	73.81416	89.06765	90.70789	35.84257	9.608944	54.54849	23.25008	31.29841	28.40918	2
1715.355	1718.855	1357.855	83.73394	83.72845	84.20595	84.78417	39.04441	7.122532	53.83306	22.16231	31.67075	28.53716	2
1715.36	1718.86	1357.86	80.97269	82.73981	81.27949	81.97571	43.10434	5.391285	51.50437	21.49318	30.01119	28.70276	2
1715.365	1718.865	1357.865	84.94937	92.9326	85.38598	84.34756	35.97317	8.220979	55.80585	30.11325	25.69259	28.58531	2
1715.37	1718.87	1357.87	76.19359	83.10185	76.18179	77.26741	49.8827	3.091523	47.02577	22.23645	24.78932	29.02651	2
1715.375	1718.875	1357.875	77.58602	92.83512	78.02263	79.07285	42.77104	5.150419	52.07854	30.11594	21.9626	28.27616	2
1715.38	1718.88	1357.88	83.26193	73.34072	83.72214	83.92275	42.08394	6.164828	51.75123	18.33974	33.41149	28.95863	2
1715.385	1718.885	1357.885	87.04981	81.59799	88.48944	89.26826	29.01033	12.30551	58.68416	43.08264	15.60153	28.25833	2
1715.39	1718.89	1357.89	81.33849	89.36791	81.86951	80.05227	39.42622	6.596254	53.97753	27.49892	26.47861	28.82446	2
1715.395	1718.895	1357.895	73.42053	72.19891	73.47953	70.52947	54.52372	1.773644	43.70264	29.06067	14.64197	30.42329	2
1715.4	1718.9	1357.9	70.37607	126.6022	71.15489	76.9606	38.58046	5.892485	55.52706	38.72418	16.80287	26.13757	2
1715.405	1718.905	1357.905	71.55609	85.00951	71.9455	72.18151	50.57818	2.751177	46.67064	25.99225	20.6784	28.9624	2
1715.41	1718.91	1357.91	59.13044	73.61921	58.17462	55.00035	75.19175	0	24.80825	20.7449	4.063354	31.4318	2
1715.415	1718.915	1357.915	61.05388	83.63098	60.16886	58.24542	70.45063	0	29.54937	13.45027	16.0991	31.16589	2
1715.42	1718.92	1357.92	58.08022	52.28677	58.24542	57.0654	72.63248	0	27.36752	20.21109	7.156431	30.09913	2
1715.425	1718.925	1357.925	67.68561	53.84632	67.63841	68.42903	65.06423	0	34.93577	20.18678	14.74899	30.43186	2
1715.43	1718.93	1357.93	74.06955	54.61217	74.28195	74.86016	56.99374	1.035899	41.97036	28.90311	13.06726	30.55186	2
1715.435	1718.935	1357.935	79.01385	48.77778	79.35605	80.79568	52.85093	2.456356	44.69271	28.33007	16.36264	30.14789	2
1715.44	1718.94	1357.94	77.70402	53.08047	78.01083	76.18179	53.28908	2.212263	44.49866	28.2761	16.22255	30.66889	2
1715.445	1718.945	1357.945	70.48227	64.47077	69.85686	68.79484	64.40133	0	35.59867	13.77279	21.82587	31.0737	2
1715.45	1718.95	1357.95	67.99242	76.15349	66.8596	65.45537	67.79721	0	32.20279	12.78841	19.41438	31.03592	2
1715.455	1718.955	1357.955	66.57639	103.39	64.84176	61.54949	67.17278	0.255083	32.57214	23.61836	8.953778	31.4609	2
1715.46	1718.96	1357.96	68.98364	109.2243	68.21663	66.31679	56.04713	2.125431	41.82744	21.58294	20.2445	29.30022	2
1715.465	1718.965	1357.965	68.61783	62.08967	68.22843	67.0366	64.86381	0	35.13619	7.839504	27.29669	30.95815	2
1715.47	1718.97	1357.97	66.19878	52.45386	65.78578	63.21332	69.6041	0	30.3959	20.51403	9.881873	30.84782	2
1715.475	1718.975	1357.975	70.49407	45.74222	70.25807	71.06048	65.90487	0	34.09513	10.76883	23.32629	30.54788	2
1715.48	1718.98	1357.98	73.55033	57.84267	73.56214	73.73914	58.24431	0.750671	41.00502	18.43414	22.57088	30.72573	2
1715.485	1718.985	1357.985	67.1546	41.60662	67.0602	67.82722	68.88058	0	31.11942	16.97987	14.13955	30.15052	2
1715.49	1718.99	1357.99	66.11618	34.92283	65.83298	64.53495	72.91663	0	27.08337	9.670058	17.41331	30.40169	2
1715.495	1718.995	1357.995	63.95674	76.08386	63.07172	60.58187	69.6064	0	30.3936	24.36882	6.02478	31.15957	2
1715.5	1719	1358	64.84176	57.14645	64.53495	64.26354	68.89389	0	31.10611	7.258639	23.84747	30.405	2
1715.505	1719.005	1358.005	63.86234	101.2873	63.04812	57.83241	63.04529	0.917065	36.03764	15.34817	20.68947	30.85865	2
1715.51	1719.01	1358.01	62.70591	70.59758	62.0569	59.81485	70.2558	0	29.7442	13.75694	15.98726	30.96238	2
1715.515	1719.015	1358.015	59.93285	54.87674	59.23664	57.2424	76.97726	0	23.02274	14.17417	8.848569	30.89765	2

1715.52	1719.02	1358.02	66.03358	80.53973	66.52919	64.23994	55.91751	1.375259	42.70723	17.3214	25.38583	29.86385	2
1715.525	1719.025	1358.025	67.68561	59.30475	67.94522	68.22843	61.36554	0	38.63446	23.27774	15.35672	30.79019	2
1715.53	1719.03	1358.03	61.36068	80.5815	60.14526	57.0418	73.46699	0	26.53301	11.20037	15.33264	31.52635	2
1715.535	1719.035	1358.035	69.45565	113.527	69.56185	70.23447	47.80419	3.752193	48.44362	17.35822	31.0854	27.83423	2
1715.54	1719.04	1358.04	69.32585	104.6432	68.25203	67.81542	59.2187	1.433096	39.34821	26.37051	12.9777	29.63872	2
1715.545	1719.045	1358.045	60.41666	88.19824	59.79125	60.39306	67.91964	0	32.08036	15.28641	16.79395	30.65595	2
1715.55	1719.05	1358.05	58.84723	74.84458	58.09202	56.84119	73.60108	0	26.39892	21.80092	4.598006	30.93688	2
1715.555	1719.055	1358.055	64.46415	110.2548	63.93314	56.48718	58.12667	1.901509	39.97183	30.79635	9.175476	30.2788	2
1715.56	1719.06	1358.06	60.53467	88.39319	59.14224	53.91473	73.70828	0	26.29172	5.968413	20.32331	32.13837	2
1715.565	1719.065	1358.065	68.26383	93.87947	68.49983	71.02508	52.64941	2.371874	44.97871	20.28915	24.68956	28.37249	2
1715.57	1719.07	1358.07	70.78908	136.0431	70.25807	69.67986	46.06696	4.557007	49.37603	28.36199	21.01405	27.48414	2
1715.575	1719.075	1358.075	61.38428	81.13848	60.00366	57.0418	74.59081	0	25.40919	14.01862	11.39057	31.61218	2
1715.58	1719.08	1358.08	58.43422	80.01059	56.86479	51.83789	79.04105	0	20.95895	7.033841	13.92511	32.43219	2
1715.585	1719.085	1358.085	57.56101	126.9086	54.76435	52.5459	78.0061	0.605518	21.38838	18.74653	2.64185	32.51065	2
1715.59	1719.09	1358.09	59.11864	173.7508	56.06238	52.10929	67.24919	3.572699	29.17811	26.17386	3.004252	29.1111	2
1715.595	1719.095	1358.095	61.60849	63.5796	61.9035	60.33406	65.64763	0	34.35237	12.25187	22.1005	30.45024	2
1715.6	1719.1	1358.1	57.63181	52.20322	57.1716	58.77643	77.91218	0	22.08782	15.31425	6.773569	30.13132	2
1715.605	1719.105	1358.105	63.57913	104.49	63.77973	54.77615	54.66594	2.206017	43.12804	31.08908	12.03896	30.1866	2
1715.61	1719.11	1358.11	62.61151	74.90027	63.37853	62.96552	58.32717	0.669416	41.00341	28.09014	12.91327	29.79512	2
1715.615	1719.115	1358.115	69.83326	243.2623	69.14884	62.0333	22.18814	11.41253	66.39933	35.03683	31.36251	26.32436	2
1715.62	1719.12	1358.12	70.31707	74.13442	69.49105	67.99242	63.7694	0	36.2306	8.692534	27.53807	31.24385	2
1715.625	1719.125	1358.125	68.91284	98.69737	69.07804	67.81542	51.4351	2.727217	45.83768	30.25119	15.58649	28.85911	2
1715.63	1719.13	1358.13	68.06322	118.0386	67.80362	63.54373	50.82844	3.278935	45.89263	20.13607	25.75656	28.83025	2
1715.635	1719.135	1358.135	63.68533	137.0874	62.3637	60.60547	58.47695	2.782025	38.74102	26.37211	12.36891	28.53124	2
1715.64	1719.14	1358.14	61.04208	64.87458	60.64087	61.58489	71.251	0	28.749	7.228746	21.52025	30.18862	2
1715.645	1719.145	1358.145	68.24023	106.7875	67.99242	63.52013	53.2969	2.565143	44.13796	25.69008	18.44788	29.42721	2
1715.65	1719.15	1358.15	73.42053	144.4953	72.61812	72.26411	43.70398	5.128561	51.16746	21.90841	29.25905	27.26775	2
1715.655	1719.155	1358.155	78.15243	135.1101	77.53882	75.20237	40.15861	5.812377	54.02901	25.92506	28.10395	27.95145	2
1715.66	1719.16	1358.16	69.24325	133.8569	68.62963	65.90378	48.65834	4.040993	47.30067	17.19204	30.10863	28.03705	2
1715.665	1719.165	1358.165	60.16886	110.7004	57.59641	54.31594	77.79167	0	22.20833	21.25048	0.957848	32.89538	2
1715.67	1719.17	1358.17	57.1362	64.56824	56.23938	54.81155	78.75953	0	21.24047	7.847167	13.39331	31.18094	2
1715.675	1719.175	1358.175	59.47265	72.40778	58.84723	57.98581	72.60943	0	27.39057	16.46782	10.92275	30.73461	2
1715.68	1719.18	1358.18	68.48803	52.11967	69.04264	69.11344	60.07981	0.056565	39.86362	25.2598	14.60382	30.88922	2
1715.685	1719.185	1358.185	70.63567	63.31503	70.36427	69.05444	61.79633	0.021339	38.18233	11.59253	26.58979	31.30898	2
1715.69	1719.19	1358.19	75.09617	86.93111	74.50615	74.11675	54.44679	1.940239	43.61297	15.19441	28.41856	29.72046	2
1715.695	1719.195	1358.195	82.25891	72.46347	82.45952	79.78086	45.23096	4.914388	49.85466	32.32624	17.52842	29.7368	2
1715.7	1719.2	1358.2	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1716.005	1719.505	1358.505	81.06709	23.26796	81.4565	84.20595	56.76952	1.636052	41.59443	15.00667	26.58776	31.05789	2
1716.01	1719.51	1358.51	87.28582	62.74412	86.20019	85.52758	52.92654	2.011721	45.06174	27.69931	17.36242	30.77008	2
1716.015	1719.515	1358.515	96.66701	120.5589	96.0534	101.1865	26.64658	11.98008	61.37333	34.80222	26.57111	27.29794	2
1716.02	1719.52	1358.52	102.3783	126.2123	104.2428	108.5617	0.819159	35.90477	63.27607	63.27607	0	-9999	2
1716.025	1719.525	1358.525	99.13326	147.9904	100.5847	104.0304	1.735153	29.1479	69.11695	69.11695	0	-9999	2
1716.03	1719.53	1358.53	85.03197	80.41441	84.46556	83.81655	46.69999	4.194587	49.10542	29.04155	20.06387	29.52385	2
1716.035	1719.535	1358.535	81.86951	59.06804	82.12911	81.33849	48.37365	4.01972	47.60663	27.63839	19.96824	29.92509	2
1716.04	1719.54	1358.54	76.97241	38.33435	77.65682	78.64804	54.60427	1.812565	43.58317	20.33266	23.25051	30.58628	2
1716.045	1719.545	1358.545	80.14667	39.42046	79.59206	79.52126	61.02355	0	38.97645	8.298923	30.67753	32.01219	2
1716.05	1719.55	1358.55	87.35662	91.08063	88.34784	91.74631	29.90844	11.44924	58.64232	40.46545	18.17687	27.67187	2
1716.055	1719.555	1358.555	83.09673	90.18946	82.71912	85.52758	44.65162	4.76984	50.57854	20.58182	29.99672	28.41603	2
1716.06	1719.56	1358.56	79.88707	68.18863	78.88404	75.17877	57.77566	0.78837	41.43597	28.19867	13.2373	31.54427	2
1716.065	1719.565	1358.565	68.75944	29.85428	67.94522	66.38759	75.82676	0	24.17324	5.535709	18.63753	30.59896	2
1716.07	1719.57	1358.57	62.1631	29.07451	61.87989	63.54373	77.96876	0	22.03124	7.011347	15.01989	29.78635	2
1716.075	1719.575	1358.575	60.71167	91.2895	60.06266	58.39882	67.08306	0.091177	32.82577	8.014163	24.8116	31.00769	2
1716.08	1719.58	1358.58	59.16584	51.01963	58.29262	57.87961	79.98812	0	20.01188	11.72638	8.285501	30.83018	2
1716.085	1719.585	1358.585	60.99488	47.02328	60.53467	59.70865	76.0717	0	23.9283	12.88106	11.04723	30.42859	2
1716.09	1719.59	1358.59	60.49927	51.3399	59.81485	58.77643	77.22063	0	22.77937	10.25582	12.52355	30.67387	2
1716.095	1719.595	1358.595	62.94192	63.3568	62.64691	66.34039	69.04739	0	30.95261	19.44946	11.50315	29.66438	2
1716.1	1719.6	1358.6	65.16036	68.53675	65.58517	67.24901	60.17431	0.310331	39.51536	11.85994	27.65542	30.01021	2
1716.105	1719.605	1358.605	63.79153	70.40264	64.03934	66.37579	62.35386	0	37.64614	19.23319	18.41295	30.11234	2
1716.11	1719.61	1358.61	60.61727	50.82469	61.00668	64.31074	68.91463	0	31.08537	5.251717	25.83366	29.22699	2
1716.115	1719.615	1358.615	57.67901	42.28893	57.92681	57.95041	74.7809	0	25.2191	13.6962	11.5229	29.74004	2
1716.12	1719.62	1358.62	51.41308	28.615	51.40128	51.68449	85.86659	0	14.13341	5.571093	8.562318	30.46608	2
1716.125	1719.625	1358.625	49.56044	28.22511	49.24184	48.59282	90.04312	0	9.956882	9.956882	0	31.4714	2
1716.13	1719.63	1358.63	55.44876	40.53443	55.28356	54.00913	80.45813	0	19.54187	16.05165	3.490214	30.48979	2
1716.135	1719.635	1358.635	50.35106	33.21011	49.70204	49.14743	90.67003	0	9.329965	7.928084	1.401881	31.87631	2
1716.14	1719.64	1358.64	52.74651	32.59742	52.07389	50.58706	88.79739	0	11.20261	5.211212	5.991394	31.70907	2
1716.145	1719.645	1358.645	51.99129	33.62784	51.53108	51.28328	87.5967	0	12.4033	8.045945	4.357358	31.19232	2
1716.15	1719.65	1358.65	46.70478	32.94554	45.93777	44.40374	95.00315	0	4.996849	4.996849	0	33.03673	2
1716.155	1719.655	1358.655	43.79012	34.56079	43.12931	42.25609	96.47068	0	3.529319	3.529319	0	33.25964	2
1716.16	1719.66	1358.66	51.61368	61.60231	51.95589	51.07087	74.95555	0	25.04445	8.194926	16.84953	30.02445	2
1716.165	1719.665	1358.665	51.86149	57.34139	51.47208	50.92927	81.42873	0	18.57127	18.57127	0	30.87999	2
1716.17	1719.67	1358.67	46.18557	49.05627	45.05275	42.5157	94.41704	0	5.582963	5.582963	0	33.74137	2
1716.175	1719.675	1358.675	48.54562	39.55971	47.6488	46.05577	92.71492	0	7.285078	7.285078	0	32.77991	2
1716.18	1719.68	1358.68	47.94381	49.72465	48.00281	46.97619	83.40107	0	16.59893	16.59893	0	30.75101	2

1716.185	1719.685	1358.685	39.42403	47.06505	38.25581	35.03434	100	0	0	0	0	35.18977	2
1716.19	1719.69	1358.69	41.01707	59.83389	40.61586	37.9254	90.89386	0	9.106138	9.106138	0	32.89549	2
1716.195	1719.695	1358.695	44.86395	58.21864	44.74594	44.75774	85.55078	0	14.44922	8.522754	5.926467	31.18036	2
1716.2	1719.7	1358.7	44.87575	58.06547	45.01735	46.15017	83.56505	0	16.43495	12.47302	3.961931	30.49904	2
1716.205	1719.705	1358.705	44.29753	38.59891	43.69572	42.09089	94.56938	0	5.430622	4.56782	0.862802	33.01729	2
1716.21	1719.71	1358.71	48.84063	34.9646	48.85243	47.7432	86.51374	0	13.48626	12.91857	0.567695	30.91489	2
1716.215	1719.715	1358.715	53.66693	27.01367	53.79673	54.87055	83.08315	0	16.91685	16.91685	0	29.88558	2
1716.22	1719.72	1358.72	56.07418	38.75208	55.59037	54.52834	82.78328	0	17.21672	16.63185	0.584866	30.82492	2
1716.225	1719.725	1358.725	57.03	58.45535	55.90897	54.03273	82.07414	0	17.92586	7.330488	10.59537	31.56882	2
1716.23	1719.73	1358.73	53.32472	31.44168	53.20672	53.11231	84.24689	0	15.75311	15.75311	0	30.46014	2
1716.235	1719.735	1358.735	52.65211	54.96029	51.55468	50.46906	86.7647	0	13.2353	13.2353	0	32.03137	2
1716.24	1719.74	1358.74	48.55742	86.27665	47.4246	47.4246	83.2276	0	16.7724	16.7724	0	32.14346	2
1716.245	1719.745	1358.745	47.10599	60.33517	46.79919	48.39222	84.43913	0	15.56087	15.56087	0	30.89277	2
1716.25	1719.75	1358.75	42.5393	40.59013	41.77228	41.21767	96.98541	0	3.014593	3.014593	0	33.57219	2
1716.255	1719.755	1358.755	46.49238	72.44955	45.96137	46.29177	83.80956	0	16.19044	5.996041	10.1944	31.47675	2
1716.26	1719.76	1358.76	40.02585	43.38897	39.53024	40.20285	96.51707	0	3.482929	3.482929	0	33.15343	2
1716.265	1719.765	1358.765	38.31481	25.28702	37.9254	37.51239	100	0	0	0	0	33.49117	2
1716.27	1719.77	1358.77	43.60132	34.2823	43.18831	43.21191	94.79129	0	5.208714	5.208714	0	32.53373	2
1716.275	1719.775	1358.775	42.8933	25.28702	42.4685	42.10269	97.71097	0	2.289032	2.289032	0	33.07095	2
1716.28	1719.78	1358.78	43.97893	25.85793	43.90813	43.74292	93.83048	0	6.169521	6.169521	0	31.9083	2
1716.285	1719.785	1358.785	41.60708	45.21309	40.89906	40.20285	96.26703	0	3.732966	3.732966	0	33.52283	2
1716.29	1719.79	1358.79	40.49786	40.98002	39.24703	38.27941	100	0	0	0	0	34.50255	2
1716.295	1719.795	1358.795	38.60982	43.59784	37.7248	36.86338	100	0	0	0	0	34.54126	2
1716.3	1719.8	1358.8	39.32963	46.49415	39.18803	39.41223	93.66258	0	6.337422	5.456204	0.881218	32.41159	2
1716.305	1719.805	1358.805	41.98469	58.33003	40.78106	39.16443	96.58631	0	3.413688	3.413688	0	34.46029	2
1716.31	1719.81	1358.81	39.86064	45.35233	39.19983	38.66882	97.47425	0	2.52575	2.52575	0	33.78417	2
1716.315	1719.815	1358.815	31.65947	51.20065	30.27885	29.61803	100	0	0	0	0	34.32152	2
1716.32	1719.82	1358.82	33.64191	31.88727	32.9811	32.06068	100	0	0	0	0	33.4974	2
1716.325	1719.825	1358.825	33.0519	33.15441	32.7923	32.42649	100	0	0	0	0	33.45744	2
1716.33	1719.83	1358.83	32.24949	34.19875	31.77748	31.05766	100	0	0	0	0	33.49163	2
1716.335	1719.835	1358.835	26.53817	37.69382	25.47615	24.31972	100	0	0	0	0	33.29656	2
1716.34	1719.84	1358.84	32.39109	43.24972	31.80108	31.48247	100	0	0	0	0	33.92917	2
1716.345	1719.845	1358.845	35.43555	49.5854	35.47095	35.69516	95.12527	0	4.87473	4.87473	0	32.73356	2
1716.35	1719.85	1358.85	29.79504	30.0353	29.65343	30.18444	100	0	0	0	0	32.84183	2
1716.355	1719.855	1358.855	24.34332	30.64798	23.63531	22.24288	100	0	0	0	0	32.78608	2
1716.36	1719.86	1358.86	20.49644	21.40207	19.76483	18.77361	100	0	0	0	0	31.91624	2
1716.365	1719.865	1358.865	21.12186	18.36651	20.53185	19.90643	100	0	0	0	0	31.71721	2
1716.37	1719.87	1358.87	23.44651	66.42021	21.59387	20.29584	100	0	0	0	0	34.73794	2
1716.375	1719.875	1358.875	26.23136	71.01532	24.40232	22.76209	100	0	0	0	0	35.23611	2
1716.38	1719.88	1358.88	26.77417	48.17902	25.32274	23.56451	100	0	0	0	0	34.00935	2
1716.385	1719.885	1358.885	20.64985	19.20199	20.22504	19.43442	100	0	0	0	0	31.75579	2
1716.39	1719.89	1358.89	22.18388	32.6392	21.53487	20.07164	100	0	0	0	0	32.754	2
1716.395	1719.895	1358.895	28.85102	74.8585	29.32303	33.1699	91.68323	0	8.316767	7.625874	0.690894	31.73717	2
1716.4	1719.9	1358.9	27.62379	78.2561	27.75359	26.71517	94.64217	0	5.357834	5.357834	0	33.70906	2
1716.405	1719.905	1358.905	32.66249	100.7721	31.94268	28.48521	91.14221	0	8.857786	8.857786	0	34.61277	2
1716.41	1719.91	1358.91	37.09939	68.66207	36.76898	33.94872	91.813	0	8.187002	7.735835	0.451168	33.34441	2
1716.415	1719.915	1358.915	39.82524	107.5952	38.92842	35.50635	84.27309	0	15.72691	15.72691	0	33.50556	2
1716.42	1719.92	1358.92	36.13177	53.8324	35.41195	34.31453	99.3099	0	0.6901	0.6901	0	34.70697	2
1716.425	1719.925	1358.925	30.16084	36.87227	29.22862	28.60321	100	0	0	0	0	33.42313	2
1716.43	1719.93	1358.93	36.93418	96.1631	36.47397	33.0519	86.31571	0	13.68429	6.00224	7.682053	33.26001	2
1716.435	1719.935	1358.935	35.54175	91.15025	36.13177	35.51815	80.67063	0	19.32937	19.32937	0	30.94666	2
1716.44	1719.94	1358.94	28.83922	32.83414	28.52061	28.65041	100	0	0	0	0	32.98333	2
1716.445	1719.945	1358.945	26.75057	33.97596	26.71517	26.96298	100	0	0	0	0	32.86503	2
1716.45	1719.95	1358.95	30.05464	49.15374	29.54723	28.89822	100	0	0	0	0	34.1362	2
1716.455	1719.955	1358.955	32.33209	64.84673	31.17566	29.37023	100	0	0	0	0	35.36752	2
1716.46	1719.96	1358.96	36.26157	67.56203	35.73056	33.85432	94.40468	0	5.595318	5.595318	0	33.87625	2
1716.465	1719.965	1358.965	36.13177	77.65734	36.15537	36.92238	87.7828	0	12.2172	12.2172	0	31.87862	2
1716.47	1719.97	1358.97	37.54779	75.49903	38.13781	40.29725	82.61267	0	17.38733	12.85236	4.534968	30.27754	2
1716.475	1719.975	1358.975	37.713	59.48577	38.20861	41.19407	87.06751	0	12.93249	12.93249	0	30.47845	2
1716.48	1719.98	1358.98	38.57442	69.31652	39.54204	42.5157	80.23788	0	19.76212	17.43079	2.331326	29.36319	2
1716.485	1719.985	1358.985	38.40921	70.48619	39.09363	42.5157	82.30166	0	17.69834	17.69834	0	29.79702	2
1716.49	1719.99	1358.99	43.44792	55.57297	44.22673	46.61038	80.54343	0	19.45657	18.00317	1.453398	29.35672	2
1716.495	1719.995	1358.995	50.11505	47.35747	50.85847	52.65211	76.67217	0	23.32783	10.59126	12.73657	29.07332	2
1716.5	1720	1359	51.29508	65.45941	50.98827	47.5072	79.3451	0	20.6549	17.56481	3.090087	31.32103	2
1716.505	1720.005	1359.005	52.5577	52.30069	52.4279	51.14167	79.99612	0	20.00388	5.25104	14.75284	30.61236	2
1716.51	1720.01	1359.01	46.10297	29.68719	45.61916	44.56894	94.15049	0	5.849506	5.849506	0	32.50079	2
1716.515	1720.015	1359.015	44.40374	46.06249	43.55412	42.27969	94.58598	0	5.414023	5.414023	0	33.31412	2
1716.52	1720.02	1359.02	44.39194	43.98772	43.87272	42.35049	92.53827	0	7.461727	7.461727	0	32.64502	2
1716.525	1720.025	1359.025	41.01707	35.43804	40.95806	42.03189	94.14555	0	5.854446	4.189406	1.665041	31.99384	2
1716.53	1720.03	1359.03	36.33237	42.3307	35.19955	34.09032	100	0	0	0	0	34.28246	2
1716.535	1720.035	1359.035	41.83128	32.33286	41.46548	41.48908	96.52568	0	3.474323	3.474323	0	32.86418	2
1716.54	1720.04	1359.04	42.6219	98.78092	41.81948	38.95202	83.1016	0	16.8984	9.216869	7.681532	32.86629	2
1716.545	1720.045	1359.045	55.41336	145.2751	55.88537	54.98855	50.20507	4.104415	45.69052	17.38351	28.30701	26.59777	2

1716.55	1720.05	1359.05	47.3656	81.82079	46.85819	46.23277	80.55545	0	19.44455	10.98268	8.46187	31.42988	2
1716.555	1720.055	1359.055	45.27695	82.82336	45.01735	42.30329	80.31389	0	19.68611	10.15261	9.533494	31.66004	2
1716.56	1720.06	1359.06	44.03793	71.02924	43.57772	44.36834	85.86265	0	14.13735	8.956174	5.181174	31.64089	2
1716.565	1720.065	1359.065	47.02339	88.64383	47.25939	49.33624	73.45764	0	26.54236	10.43604	16.10633	29.95225	2
1716.57	1720.07	1359.07	49.80825	102.276	50.17405	50.84667	66.59062	0.580175	32.82921	17.95392	14.87529	29.39924	2
1716.575	1720.075	1359.075	49.78465	87.87798	50.39826	48.48662	68.17616	0	31.82384	7.566512	24.25733	30.24813	2
1716.58	1720.08	1359.08	39.94324	110.8257	39.77804	37.8192	77.71273	0.324002	21.96327	15.34004	6.623225	31.45901	2
1716.585	1720.085	1359.085	36.19077	60.39087	36.19077	35.87216	92.0899	0	7.910096	7.910096	0	32.4715	2
1716.59	1720.09	1359.09	34.99894	66.65693	35.24675	35.48275	89.74951	0	10.25049	10.25049	0	31.88301	2
1716.595	1720.095	1359.095	28.70941	52.60703	28.1784	27.25798	100	0	0	0	0	34.27057	2
1716.6	1720.1	1359.1	30.14904	73.75846	29.25222	26.75057	100	0	0	0	0	35.84901	2
1716.605	1720.105	1359.105	42.31509	144.2586	42.25609	41.38287	66.6168	2.727113	30.65609	18.06424	12.59185	27.93026	2
1716.61	1720.11	1359.11	44.66334	220.969	42.4449	40.76926	62.62817	7.154406	30.21742	15.94986	14.26756	25.2987	2
1716.615	1720.115	1359.115	39.70724	297.1504	34.52693	25.34634	71.70632	11.42067	16.87301	15.18858	1.684432	25.73984	2
1716.62	1720.12	1359.12	29.50003	123.8869	26.47917	23.51731	99.33819	0.330904	0.330904	0.330904	0	37.91942	2
1716.625	1720.125	1359.125	27.9542	83.074	25.87735	24.13092	100	0	0	0	0	36.03905	2
1716.63	1720.13	1359.13	26.36116	89.535	24.34332	21.88887	100	0	0	0	0	36.4358	2
1716.635	1720.135	1359.135	29.85404	86.15133	28.98082	27.70639	98.4531	0	1.546896	1.546896	0	35.7108	2
1716.64	1720.14	1359.14	25.98356	68.96841	24.53213	22.75029	100	0	0	0	0	35.13024	2
1716.645	1720.145	1359.145	23.4229	62.71627	22.07768	21.35786	100	0	0	0	0	34.40918	2
1716.65	1720.15	1359.15	30.60925	73.66099	30.32605	32.49729	96.20837	0	3.791626	3.791626	0	33.64215	2
1716.655	1720.155	1359.155	33.83072	87.71088	33.71272	35.10514	88.56422	0	11.43578	11.43578	0	32.32723	2
1716.66	1720.16	1359.16	41.30027	72.19891	41.80768	42.6573	80.59918	0	19.40082	15.5559	3.844912	30.23112	2
1716.665	1720.165	1359.165	41.59528	85.21838	41.91388	39.19983	78.64029	0	21.35971	21.35971	0	31.12602	2
1716.67	1720.17	1359.17	42.5747	96.7897	43.54232	44.34473	69.90912	0	30.09088	8.892047	21.19884	29.61381	2
1716.675	1720.175	1359.175	41.31207	116.6322	42.03189	38.69242	68.18933	1.100693	30.70997	23.70123	7.008748	29.43223	2
1716.68	1720.18	1359.18	36.59198	109.656	37.14659	37.38259	75.50039	0.32286	24.17675	23.77467	0.402081	30.27317	2
1716.685	1720.185	1359.185	34.20833	120.5172	34.89274	36.08456	74.05897	0.986493	24.95453	23.90834	1.046191	29.24524	2
1716.69	1720.19	1359.19	23.52911	62.14537	22.29008	21.71187	100	0	0	0	0	34.35598	2
1716.695	1720.195	1359.195	25.73575	56.39452	24.85073	23.63531	100	0	0	0	0	34.30305	2
1716.7	1720.2	1359.2	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1717.07	1720.57	1359.57	96.56081	47.27392	96.0652	94.73177	43.56475	7.628969	48.80628	30.26784	18.53845	30.08627	2
1717.075	1720.575	1359.575	99.56987	77.75481	99.00346	97.88243	33.96875	11.24619	54.78507	21.83729	32.94778	28.99706	2
1717.08	1720.58	1359.58	99.39287	48.13725	99.09786	100.3133	39.19565	10.87904	49.92531	21.21517	28.71014	29.08529	2
1717.085	1720.585	1359.585	96.60801	51.99435	96.0298	98.13024	43.01914	7.514649	49.46621	35.24016	14.22605	29.36701	2
1717.09	1720.59	1359.59	103.2397	62.14537	103.6764	103.3695	26.59654	21.02086	52.38261	29.02499	23.35762	28.06308	2
1717.095	1720.595	1359.595	96.89121	70.44441	96.53721	94.80257	36.55609	10.20857	53.23534	19.76593	33.46941	29.27788	2
1717.1	1720.6	1359.6	90.97929	36.13427	91.02649	90.46008	47.18875	6.177323	46.63393	25.21988	21.41405	30.34474	2
1717.105	1720.605	1359.605	97.29242	42.60919	96.61981	96.313	45.3923	6.754715	47.85298	22.38287	25.47011	30.21139	2
1717.11	1720.61	1359.61	103.7236	104.671	101.9535	98.27184	32.96173	6.975895	60.06238	38.43561	21.62677	29.76223	2
1717.115	1720.615	1359.615	100.4431	80.13591	99.45187	98.41345	35.88143	9.185857	54.93272	20.41598	34.51674	29.23025	2
1717.12	1720.62	1359.62	96.2186	31.39991	96.2658	96.0416	43.5143	9.373146	47.11255	16.95914	30.15342	29.89209	2
1717.125	1720.625	1359.625	91.93511	37.62419	92.46612	92.79653	42.19931	9.086694	48.714	24.11045	24.60354	29.54235	2
1717.13	1720.63	1359.63	91.91151	58.39966	92.58413	92.97353	36.09593	11.1353	52.76877	37.92148	14.84728	28.8138	2
1717.135	1720.635	1359.635	87.78143	34.08735	87.13241	86.4126	56.0218	1.768394	42.20981	27.52997	14.67984	31.709	2
1717.14	1720.64	1359.64	89.89367	52.96907	89.62227	89.38626	46.5827	5.391362	48.02594	15.86292	32.16302	30.00653	2
1717.145	1720.645	1359.645	93.19774	34.47724	92.94993	92.87913	47.83508	6.019375	46.14555	23.41006	22.73549	30.43072	2
1717.15	1720.65	1359.65	94.57837	33.16833	94.01196	92.78473	49.35086	5.144945	45.5042	29.99153	15.51266	30.95358	2
1717.155	1720.655	1359.655	87.16781	39.51794	86.92001	86.70761	52.16276	3.316277	44.52096	27.1158	17.40516	30.84919	2
1717.16	1720.66	1359.66	92.13572	32.77844	91.86431	91.0973	49.40615	5.192934	45.40092	17.28166	28.11926	30.78347	2
1717.165	1720.665	1359.665	89.33906	53.13617	88.99685	90.30668	47.60122	4.85546	47.54332	24.01657	23.52675	29.83213	2
1717.17	1720.67	1359.67	89.74027	51.3956	89.15026	87.52182	49.57381	3.938393	46.48779	19.36527	27.12252	30.69495	2
1717.175	1720.675	1359.675	92.27732	107.5255	90.29488	87.23862	44.4476	2.8259	52.7265	25.17107	27.55543	29.88889	2
1717.18	1720.68	1359.68	90.24768	61.12887	89.10305	87.43922	51.04978	2.591306	46.35891	33.21657	13.14234	30.85815	2
1717.185	1720.685	1359.685	82.22351	48.87525	81.7987	80.44168	55.81883	1.566091	42.61508	27.39016	15.22492	31.26305	2
1717.19	1720.69	1359.69	97.91784	79.49538	97.33962	96.60801	35.15885	10.18351	54.65764	38.17178	16.48586	28.98455	2
1717.195	1720.695	1359.695	90.80229	104.1837	89.76387	88.59564	39.29722	6.111799	54.59099	31.33572	23.25527	28.93454	2
1717.2	1720.7	1359.7	85.00837	25.3845	84.73696	84.39476	57.75264	1.402091	40.84526	21.78005	19.06522	31.93843	2
1717.205	1720.705	1359.705	85.17357	33.75316	85.06737	85.72819	54.29511	2.561943	43.14294	26.79133	16.35161	31.02343	2
1717.21	1720.71	1359.71	86.01139	54.20836	85.65738	86.566	50.49465	3.467879	46.03747	24.44573	21.59174	30.13952	2
1717.215	1720.715	1359.715	83.37994	36.41276	82.71912	82.22351	59.59988	0.416333	39.98379	16.02267	23.96112	32.06235	2
1717.22	1720.72	1359.72	87.00261	21.49954	86.6722	85.96419	57.31536	1.739313	40.94533	21.07302	19.87231	32.07223	2
1717.225	1720.725	1359.725	84.64256	22.33501	84.24135	84.07615	59.83313	0.653456	39.51341	13.89632	25.61709	32.33947	2
1717.23	1720.73	1359.73	83.19113	21.42992	82.71912	81.8223	61.93619	0	38.06381	9.017232	29.04657	32.68996	2
1717.235	1720.735	1359.735	77.49162	25.99718	76.5004	75.60358	70.09835	0	29.90165	19.20554	10.69611	30.80396	2
1717.24	1720.74	1359.74	80.58328	28.68462	80.13487	78.94305	62.39688	0	37.60312	14.54768	23.05545	32.23639	2
1717.245	1720.745	1359.745	87.29762	46.93973	86.6132	84.61896	53.63099	2.333862	44.03515	27.39646	16.63869	31.3286	2
1717.25	1720.75	1359.75	87.62802	59.40223	86.5306	85.24438	53.5119	1.844827	44.64327	19.45656	25.1867	31.03566	2
1717.255	1720.755	1359.755	94.17716	88.65775	93.38654	92.07672	38.02911	7.57042	54.40047	35.317	19.08347	29.16554	2
1717.26	1720.76	1359.76	80.06407	55.68437	78.14063	76.32339	67.7721	0	32.2279	18.85088	13.37703	30.48107	2
1717.265	1720.765	1359.765	76.8072	39.33692	75.54458	73.19633	69.60319	0	30.39681	10.12911	20.2677	30.93931	2
1717.27	1720.77	1359.77	74.03414	22.36286	73.60934	73.19633	69.76904	0	30.23096	8.734381	21.49658	30.72773	2
1717.275	1720.775	1359.775	79.32065	54.29191	78.49464	76.18179	60.28799	0.143068	39.56894	11.68929	27.87966	31.95548	2

1717.28	1720.78	1359.78	75.41477	45.05992	73.77454	72.22871	72.42572	0	27.57428	6.826635	20.74765	30.55525	2
1717.285	1720.785	1359.785	77.92822	28.36435	77.30281	76.27619	66.28881	0	33.71119	18.17765	15.53354	31.33747	2
1717.29	1720.79	1359.79	78.63624	51.89688	77.59782	75.21417	63.14338	0	36.85662	17.0488	19.80782	31.63748	2
1717.295	1720.795	1359.795	81.09069	46.81441	80.14667	78.12883	61.38363	0	38.61637	19.53032	19.08606	32.02941	2
1717.3	1720.8	1359.8	78.44744	46.84226	78.11703	73.52673	59.05318	0.56543	40.38139	26.52061	13.86078	32.23873	2
1717.305	1720.805	1359.805	80.32367	51.15888	78.95485	76.6892	64.33019	0	35.66981	8.611095	27.05872	31.3051	2
1717.31	1720.81	1359.81	80.70128	49.89174	79.72186	76.99601	61.27152	0	38.72848	18.17037	20.55811	32.099	2
1717.315	1720.815	1359.815	85.58658	62.95299	84.77237	84.57176	52.3359	2.412932	45.25117	25.6522	19.59897	30.46697	2
1717.32	1720.82	1359.82	92.00591	101.9418	90.20048	87.91123	44.67678	3.136356	52.18686	22.59169	29.59517	29.80148	2
1717.325	1720.825	1359.825	82.66012	51.08926	82.10551	79.99327	55.88733	1.491272	42.6214	30.63639	11.98501	31.40033	2
1717.33	1720.83	1359.83	81.10249	56.3249	80.35907	80.07587	57.51655	0.907913	41.57553	13.39212	28.18341	31.15568	2
1717.335	1720.835	1359.835	87.82863	123.0793	86.87281	83.42714	36.82007	6.700469	56.47946	24.79489	31.68457	28.78294	2
1717.34	1720.84	1359.84	96.53721	169.295	95.73479	93.13874	16.43512	14.14908	69.4158	52.78911	16.62669	28.67733	2
1717.345	1720.845	1359.845	97.76443	85.07914	97.95324	97.98864	28.00434	15.08995	56.90571	23.53367	33.37204	28.32006	2
1717.35	1720.85	1359.85	89.71667	54.84889	89.02045	86.4126	49.5829	3.74256	46.67454	26.56549	20.10905	30.83778	2
1717.355	1720.855	1359.855	85.91699	38.32042	85.31518	83.74574	56.34687	1.54357	42.10956	11.37155	30.73801	31.76381	2
1717.36	1720.86	1359.86	89.19746	69.94313	87.85223	84.47736	51.43762	2.107335	46.45505	33.09171	13.36333	31.06194	2
1717.365	1720.865	1359.865	94.35416	146.4865	92.12392	87.69883	35.02884	4.70051	60.27065	26.23018	34.04047	29.15095	2
1717.37	1720.87	1359.87	100.3841	156.8882	101.0685	100.3251	4.375497	25.88244	69.74207	62.45491	7.287154	-9999	2
1717.375	1720.875	1359.875	99.38107	150.7753	98.21284	94.97958	21.13554	12.23737	66.62709	50.80103	15.82606	28.86906	2
1717.38	1720.88	1359.88	100.2661	127.4098	99.68787	96.3012	21.40316	15.01459	63.58225	49.69371	13.88853	28.87742	2
1717.385	1720.885	1359.885	94.84977	117.5373	94.73177	94.66097	25.2087	13.31	61.4813	41.89302	19.58828	28.16712	2
1717.39	1720.89	1359.89	88.93785	87.16782	88.70185	88.11183	38.9116	7.378652	53.70975	21.13965	32.5701	28.87543	2
1717.395	1720.895	1359.895	86.4362	94.58962	86.2238	86.95541	39.23414	6.843947	53.92191	31.77526	22.14665	28.45466	2
1717.4	1720.9	1359.9	89.94087	110.7839	89.71667	87.81683	32.18228	9.50911	58.30861	37.53262	20.77599	28.54442	2
1717.405	1720.905	1359.905	74.70676	77.37885	72.91312	69.39665	66.44479	0	33.55521	23.49115	10.06406	31.26564	2
1717.41	1720.91	1359.91	77.05501	47.81698	77.24381	75.27317	56.07445	1.386892	42.53865	18.09816	24.4405	31.1601	2
1717.415	1720.915	1359.915	82.03471	74.48254	81.5863	81.19689	49.97846	3.171636	46.8499	24.78861	22.06129	29.7808	2
1717.42	1720.92	1359.92	84.84317	72.70019	84.72516	84.54816	45.26536	5.017679	49.71696	16.33165	33.38531	29.37361	2
1717.425	1720.925	1359.925	75.76878	33.57214	75.34397	74.94276	65.46053	0	34.53947	25.06748	9.471986	31.17791	2
1717.43	1720.93	1359.93	72.50011	39.46224	71.9219	69.91586	68.23118	0	31.76882	17.49622	14.27261	30.9963	2
1717.435	1720.935	1359.935	78.89584	43.1244	78.43564	77.60962	60.54634	0.135197	39.31846	19.63572	19.68275	31.91597	2
1717.44	1720.94	1359.94	87.84043	55.08561	86.95541	85.49218	52.71498	2.365452	44.91957	30.71616	14.2034	31.00447	2
1717.445	1720.945	1359.945	87.87583	48.56891	87.46282	86.6132	50.60138	3.635125	45.7635	31.24238	14.52112	30.64286	2
1717.45	1720.95	1359.95	86.684	60.58581	85.99959	85.97599	50.89316	3.038471	46.06837	21.15543	24.91294	30.31565	2
1717.455	1720.955	1359.955	85.98779	105.6318	85.17357	83.99355	41.63852	5.418645	52.94284	34.45883	18.484	28.8085	2
1717.46	1720.96	1359.96	89.49246	62.59095	89.85827	89.10305	39.68492	8.418919	51.89617	27.04744	24.84873	29.24049	2
1717.465	1720.965	1359.965	91.2979	94.75672	91.1327	88.85525	34.35513	9.389134	56.25573	22.03405	34.22169	28.9069	2
1717.47	1720.97	1359.97	96.99742	82.30815	97.13902	96.44281	29.74638	13.97121	56.28241	36.23753	20.04488	28.54253	2
1717.475	1720.975	1359.975	104.8446	82.2803	105.7768	108.0896	16.40646	28.90556	54.68799	39.33258	15.3554	27.1581	2
1717.48	1720.98	1359.98	107.181	111.0485	107.4288	106.1308	12.59924	27.85594	59.54483	37.52107	22.02376	28.09776	2
1717.485	1720.985	1359.985	107.476	87.85013	107.9008	107.5114	16.57005	28.49349	54.93646	27.13196	27.80451	27.58508	2
1717.49	1720.99	1359.99	108.3374	95.16053	108.4555	107.181	16.38618	27.11775	56.49607	27.58158	28.91449	27.85803	2
1717.495	1720.995	1359.995	108.9393	99.08726	108.9393	103.2869	15.79676	26.99878	57.20446	48.13849	9.065969	28.69853	2
1717.5	1721	1360	109.2815	91.44267	109.3877	107.7002	16.50886	28.1251	55.36604	41.64028	13.72576	27.80601	2
1717.505	1721.005	1360.005	107.8182	149.2853	107.9834	108.5735	3.399841	30.51456	66.0856	60.54477	5.540825	-9999	2
1717.51	1721.01	1360.01	104.5732	131.9632	105.1278	105.2694	7.559355	28.48089	63.95975	49.62982	14.32993	-9999	2
1717.515	1721.015	1360.015	101.3753	119.7235	101.3163	99.54627	18.2189	19.04674	62.73436	34.3698	28.36457	28.51395	2
1717.52	1721.02	1360.02	99.80587	110.5054	101.0567	104.5732	11.74239	26.09862	62.159	46.13701	16.02199	27.622	2
1717.525	1721.025	1360.025	99.40467	80.76252	100.7499	100.7027	18.57766	24.22797	57.19436	32.10055	25.09382	28.00721	2
1717.53	1721.03	1360.03	94.33056	94.14403	96.0298	97.85883	17.26396	21.09112	61.64492	34.95764	26.68728	27.9841	2
1717.535	1721.035	1360.035	93.95295	106.0774	94.03556	93.41014	27.25239	12.959	59.78861	30.20757	29.58104	28.33008	2
1717.54	1721.04	1360.04	89.65767	76.41805	88.69005	90.58989	46.52083	4.11734	49.36183	30.53335	18.82847	29.34211	2
1717.545	1721.045	1360.045	86.18839	69.46969	85.98779	83.12033	45.44969	5.084069	49.46624	33.61943	15.84681	29.99592	2
1717.55	1721.05	1360.05	90.86129	76.6687	90.21228	89.90547	42.88364	5.885845	51.23051	17.03407	34.19644	29.38455	2
1717.555	1721.055	1360.055	94.17716	118.3449	93.84675	92.66673	27.27819	11.85274	60.86907	35.03779	25.83128	28.37961	2
1717.56	1721.06	1360.06	89.89367	119.7652	88.04103	84.90217	42.67258	3.73591	53.59151	31.52934	22.06217	29.36436	2
1717.565	1721.065	1360.065	100.1009	104.0862	100.5965	98.85005	18.87736	20.65943	60.46322	33.38437	27.07885	28.42847	2
1717.57	1721.07	1360.07	101.1983	91.98573	101.3281	100.0773	23.63104	18.37534	57.99362	33.07275	24.92087	28.36609	2
1717.575	1721.075	1360.075	94.54297	75.47118	94.44856	94.82617	35.48806	10.38864	54.1233	34.12453	19.99877	28.71101	2
1717.58	1721.08	1360.08	87.00261	48.13725	85.66918	84.98477	58.64245	0.114878	41.24268	27.15823	14.08445	31.96772	2
1717.585	1721.085	1360.085	85.79899	25.9554	85.48038	84.76057	57.25293	1.594891	41.15218	30.1501	11.00208	31.9409	2
1717.59	1721.09	1360.09	82.96693	21.90335	82.82533	82.70732	59.46724	0.794479	39.73828	25.53665	14.20163	32.17656	2
1717.595	1721.095	1360.095	83.35634	59.83389	82.68372	77.39721	54.04513	1.956404	43.99847	24.91911	19.07936	31.58105	2
1717.6	1721.1	1360.1	93.69335	134.6924	90.74329	85.27978	44.06953	0.670042	55.26043	34.94142	20.31901	30.19281	2
1717.605	1721.105	1360.105	92.06492	112.427	89.10305	85.16177	51.04737	0	48.95263	28.29386	20.65877	29.72919	2
1717.61	1721.11	1360.11	88.44224	94.82634	85.73999	81.5273	56.62764	0	43.37236	24.37754	18.99481	30.1888	2
1717.615	1721.115	1360.115	90.28308	89.07549	88.65465	87.56902	48.00366	2.597414	49.39893	34.31821	15.08072	29.99463	2
1717.62	1721.12	1360.12	91.00289	59.97313	90.57808	89.18566	45.05611	5.768994	49.1749	31.36076	17.81414	29.99962	2
1717.625	1721.125	1360.125	92.01771	43.9738	91.2507	89.71667	50.64642	3.676891	45.67669	31.5249	14.15179	31.03225	2
1717.63	1721.13	1360.13	88.94965	34.86713	88.56024	88.67825	52.74639	3.261886	43.99173	24.28003	19.7117	31.0168	2
1717.635	1721.135	1360.135	88.53664	36.41276	88.37144	88.46584	51.01473	4.033295	44.95198	28.30723	16.64475	30.70292	2
1717.64	1721.14	1360.14	93.69335	33.21011	93.45734	93.71695	47.59431	6.285141	46.12055	32.03244	14.08811	30.35116	2

1717.645	1721.145	1360.145	101.5405	92.84905	100.7617	98.04764	30.14908	12.2034	57.64752	38.91524	18.73228	29.07211	2
1717.65	1721.15	1360.15	105.234	79.20297	104.0776	103.9832	32.9799	10.92487	56.09523	39.15164	16.94359	28.94239	2
1717.655	1721.155	1360.155	97.35142	42.53957	96.93842	97.03282	43.34293	8.292764	48.36431	33.96506	14.39924	29.81696	2
1717.66	1721.16	1360.16	96.45461	36.73302	96.0062	95.52239	45.84754	7.114613	47.03784	15.84195	31.1959	30.289	2
1717.665	1721.165	1360.165	97.61103	81.38913	96.2658	94.01196	40.9272	5.696881	53.37592	26.26874	27.10718	29.88835	2
1717.67	1721.17	1360.17	102.0361	70.45834	100.9623	99.90028	37.39797	8.917369	53.68466	28.50454	25.18011	29.45679	2
1717.675	1721.175	1360.175	102.0951	61.97827	101.4933	98.00044	35.73779	11.80501	52.4572	35.81343	16.64377	29.62864	2
1717.68	1721.18	1360.18	95.07398	72.05966	93.43374	91.3569	47.80531	2.631916	49.56277	18.79991	30.76286	30.68103	2
1717.685	1721.185	1360.185	96.92662	82.48917	95.47519	92.46612	42.11372	4.916648	52.96963	36.84827	16.12137	30.12952	2
1717.69	1721.19	1360.19	102.1659	46.98151	102.1305	102.2249	34.91218	15.08013	50.00769	26.63436	23.37333	28.7401	2
1717.695	1721.195	1360.195	106.1544	52.27284	105.9774	106.0246	31.0597	18.52592	50.41438	19.00495	31.40943	28.27538	2
1717.7	1721.2	1360.2	108.3847	50.79684	108.7977	114.686	24.79247	27.28811	47.91942	33.73871	14.18071	26.25809	2
1717.705	1721.205	1360.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1718	1721.5	1360.5	119.4415	33.89241	119.7601	120.8811	19.44268	47.93381	32.62351	22.05165	10.57186	24.19452	2
1718.005	1721.505	1360.505	104.5614	191.9085	108.3493	110.2137	0	63.38518	36.61482	36.61482	0	-9999	2
1718.01	1721.51	1360.51	97.76443	212.2801	103.1571	99.88848	0	60.22664	39.77336	39.77336	0	-9999	2
1718.015	1721.515	1360.515	95.13298	217.1398	98.40165	91.74631	0	39.81682	60.18318	60.18318	0	-9999	2
1718.02	1721.52	1360.52	89.03225	152.0285	91.91151	81.33849	0	24.9163	75.0837	75.0837	0	-9999	2
1718.025	1721.525	1360.525	81.24409	64.54039	81.18509	81.06709	50.09392	3.287835	46.61825	19.07953	27.53871	29.86935	2
1718.03	1721.53	1360.53	83.99355	71.08494	84.60716	86.04679	40.76788	6.838045	52.39407	32.37737	20.0167	28.66517	2
1718.035	1721.535	1360.535	86.83741	61.79725	87.26222	88.81985	41.86238	7.061681	51.07594	25.85419	25.22175	28.94084	2
1718.04	1721.54	1360.54	92.91453	67.45063	93.72875	94.01196	31.8854	13.23013	54.88448	33.98834	20.89613	28.50827	2
1718.045	1721.545	1360.545	91.93511	196.5036	95.69939	98.56685	0	36.21348	63.78652	63.78652	0	-9999	2
1718.05	1721.55	1360.55	91.2153	102.1924	93.77595	96.53721	11.5063	22.56245	65.93125	45.3991	20.53215	28.30294	2
1718.055	1721.555	1360.555	84.58356	58.12117	85.58658	86.6722	40.34439	7.541449	52.11416	26.09131	26.02285	28.90019	2
1718.06	1721.56	1360.56	81.19689	60.05668	82.10551	83.08493	43.72335	5.598826	50.67783	32.19771	18.48011	29.07158	2
1718.065	1721.565	1360.565	81.83411	90.67682	83.00233	87.09701	33.7151	8.725766	57.55914	35.76454	21.79459	27.49392	2
1718.07	1721.57	1360.57	87.97023	101.5519	89.43346	92.85553	23.15179	14.44405	62.40416	44.8087	17.59546	27.59733	2
1718.075	1721.575	1360.575	83.55694	95.38332	83.98175	83.92275	36.75258	7.68127	55.56615	32.97931	22.58683	28.33052	2
1718.08	1721.58	1360.58	72.28771	104.8103	72.96032	75.43837	42.91847	4.770133	52.3114	24.15302	28.15838	27.4917	2
1718.085	1721.585	1360.585	73.50313	105.5761	74.69496	76.9606	37.59106	6.163851	56.24509	36.68389	19.5612	27.35608	2
1718.09	1721.59	1360.59	80.86649	161.5529	80.91369	78.58904	26.14123	9.98439	63.87438	46.8314	17.04299	27.52962	2
1718.095	1721.595	1360.595	91.84071	283.4904	94.80257	99.87668	0	37.63839	62.36161	62.36161	0	-9999	2
1718.1	1721.6	1360.6	93.85855	195.4314	95.42798	91.62831	0	26.69188	73.30812	73.30812	0	-9999	2
1718.105	1721.605	1360.605	83.99355	131.8239	84.87857	88.46584	23.96565	11.80012	64.23423	38.45203	25.7822	27.12053	2
1718.11	1721.61	1360.61	80.17027	102.6519	80.64228	81.05529	37.7435	6.854116	55.40238	37.32023	18.08215	28.03322	2
1718.115	1721.615	1360.615	70.95428	97.38846	70.45867	72.40571	54.99503	2.030815	42.97415	12.99344	29.98071	28.83739	2
1718.12	1721.62	1360.62	59.95646	84.21581	58.91803	58.70563	72.5076	0	27.4924	14.34046	13.15194	30.94927	2
1718.125	1721.625	1360.625	57.70261	74.44076	57.91501	55.86177	67.2528	0	32.7472	21.1277	11.61949	30.48534	2
1718.13	1721.63	1360.63	62.56431	74.90027	62.70591	60.19246	63.21755	0	36.78245	25.88965	10.89281	30.94699	2
1718.135	1721.635	1360.635	66.9658	81.93218	67.1192	67.62661	57.375	1.202936	41.42206	27.71459	13.70748	29.5518	2
1718.14	1721.64	1360.64	65.93918	67.89622	66.02178	64.33435	62.26491	0	37.73509	22.74461	14.99048	31.00912	2
1718.145	1721.645	1360.645	69.08984	106.147	69.37305	66.8006	48.55492	3.439522	48.00556	17.5835	30.42205	28.628	2
1718.15	1721.65	1360.65	65.34917	89.72994	64.73555	58.31622	62.91962	0.530657	36.54972	27.85527	8.694456	31.43595	2
1718.155	1721.655	1360.655	57.3604	62.91122	56.55799	54.95315	78.22264	0	21.77736	7.488485	14.28887	31.07231	2
1718.16	1721.66	1360.66	49.45424	67.56203	47.82581	47.17679	90.77245	0	9.227551	3.387707	5.839845	33.3064	2
1718.165	1721.665	1360.665	61.53769	92.83512	60.47567	58.17462	69.1499	0	30.8501	19.07506	11.77505	31.40095	2
1718.17	1721.67	1360.67	68.96004	73.18755	69.73886	69.39665	52.80955	1.921523	45.26893	21.36512	23.90381	29.42926	2
1718.175	1721.675	1360.675	73.60934	111.5497	73.25533	73.07833	48.02793	3.729885	48.24219	24.63841	23.60378	28.2878	2
1718.18	1721.68	1360.68	78.45924	109.656	78.28223	76.00479	42.65253	5.159994	52.18748	26.32255	25.86493	28.57612	2
1718.185	1721.685	1360.685	81.06709	77.75481	80.77208	77.92822	48.88791	3.500374	47.61172	20.22536	27.38636	29.98435	2
1718.19	1721.69	1360.69	80.57148	84.22974	80.04047	79.03745	49.60598	3.18826	47.20576	31.33808	15.86768	29.58433	2
1718.195	1721.695	1360.695	80.40628	90.4401	80.18207	79.80446	45.87731	4.332177	49.79051	16.95736	32.83316	28.95002	2
1718.2	1721.7	1360.7	76.6066	76.06994	76.5476	76.40599	51.57026	2.631603	45.79813	15.64716	30.15097	29.59275	2
1718.205	1721.705	1360.705	74.65956	68.91271	74.23475	74.38815	57.9286	0.945106	41.12629	17.79013	23.33617	30.48124	2
1718.21	1721.71	1360.71	70.73008	71.48875	69.47925	66.8124	67.32195	0	32.67805	11.60072	21.07733	31.21315	2
1718.215	1721.715	1360.715	71.55609	97.29099	69.34945	66.36399	67.72548	0	32.27452	7.275473	24.99905	31.36701	2
1718.22	1721.72	1360.72	76.32339	104.6571	76.6892	80.68948	41.62046	5.376608	53.00294	26.65635	26.34658	27.34082	2
1718.225	1721.725	1360.725	69.56185	143.6459	67.61481	70.65928	56.33035	2.889739	40.77991	16.87843	23.90148	27.61225	2
1718.23	1721.73	1360.73	68.80664	80.73467	68.02782	67.56761	63.19593	0.161866	36.64221	26.35528	10.28693	30.85121	2
1718.235	1721.735	1360.735	67.40241	51.61839	66.71799	65.39637	70.80234	0	29.19766	12.14566	17.052	30.65121	2
1718.24	1721.74	1360.74	70.05746	61.35167	69.56185	70.02206	64.54101	0	35.45899	17.54657	17.91242	30.72266	2
1718.245	1721.745	1360.745	67.1782	118.1778	65.39637	62.38731	63.40625	1.235192	35.35856	18.01504	17.34352	30.31503	2
1718.25	1721.75	1360.75	62.2339	109.5864	61.04208	58.58763	65.46154	0.944362	33.59409	28.18246	5.411632	30.43939	2
1718.255	1721.755	1360.755	63.43753	126.6718	62.91832	61.63209	55.00677	2.899192	42.09403	23.49428	18.59975	28.20064	2
1718.26	1721.76	1360.76	61.36068	64.52647	60.55827	57.87961	74.15149	0	25.84851	6.662945	19.18556	31.05524	2
1718.265	1721.765	1360.765	63.00092	120.8514	60.87687	58.77643	69.25446	0.846027	29.89951	16.92709	12.97242	30.92252	2
1718.27	1721.77	1360.77	59.04784	95.98208	57.1008	55.35436	77.53789	0	22.46211	15.50879	6.95332	32.11349	2
1718.275	1721.775	1360.775	55.94437	60.44657	54.51654	53.01791	84.96878	0	15.03122	3.32598	11.70524	32.04233	2
1718.28	1721.78	1360.78	57.0654	58.7617	56.53439	54.54014	77.39484	0	22.60516	19.77642	2.828744	30.87858	2
1718.285	1721.785	1360.785	62.62331	74.81673	62.0687	60.55827	68.57914	0	31.42086	15.08808	16.33277	30.83057	2
1718.29	1721.79	1360.79	70.38787	86.12348	69.58545	68.62963	60.62001	0.713595	38.6664	16.88985	21.77655	30.46119	2
1718.295	1721.795	1360.795	69.65625	136.0988	69.05444	66.24598	47.64439	4.272134	48.08348	16.19873	31.88475	27.91696	2

1718.3	1721.8	1360.8	63.40213	87.0425	61.80909	59.57885	72.95176	0	27.04824	9.187483	17.86075	31.48901	2
1718.305	1721.805	1360.805	56.68779	66.8101	57.3604	58.26902	66.46643	0	33.53357	10.13887	23.3947	29.55256	2
1718.31	1721.81	1360.81	58.18642	127.8554	58.15102	54.38674	55.80184	2.838469	41.35969	28.91729	12.4424	28.36136	2
1718.315	1721.815	1360.815	58.00942	133.9544	56.65239	48.67542	64.73134	2.165223	33.10343	29.13743	3.966006	30.34355	2
1718.32	1721.82	1360.82	55.92077	100.4658	55.62577	46.35078	66.52647	0.559591	32.91394	16.63964	16.2743	31.69039	2
1718.325	1721.825	1360.825	62.65871	98.19608	64.46415	66.06898	44.5984	3.416645	51.98496	32.3351	19.64986	27.41493	2
1718.33	1721.83	1360.83	65.90378	94.58962	66.8124	69.63265	49.43604	2.827941	47.73602	31.46114	16.27488	27.80733	2
1718.335	1721.835	1360.835	69.63265	48.27649	69.78606	69.88046	63.06617	0	36.93383	6.633358	30.30047	30.79573	8
1718.34	1721.84	1360.84	77.00781	144.5231	76.24079	74.76576	40.12259	5.866954	54.01045	20.96575	33.0447	27.50344	8
1718.345	1721.845	1360.845	82.12911	153.8526	80.20567	73.12553	42.11554	4.682298	53.20216	20.15672	33.04544	28.85492	8
1718.35	1721.85	1360.85	77.92822	135.2494	75.34397	74.60056	55.60365	1.657351	42.739	23.46071	19.27829	29.12871	8
1718.355	1721.855	1360.855	73.26713	123.3996	71.9455	69.46745	52.97416	2.797594	44.22825	30.02044	14.20781	28.95754	8
1718.36	1721.86	1360.86	72.83052	119.9184	73.53853	71.40269	38.48855	6.010794	55.50065	31.43616	24.06449	27.84904	8
1718.365	1721.865	1360.865	70.56487	105.4508	69.76246	67.63841	55.77995	2.04397	42.17608	28.61945	13.55662	29.4794	8
1718.37	1721.87	1360.87	60.66447	90.41225	59.44905	56.53439	71.72847	0	28.27153	19.58552	8.686012	31.58259	8
1718.375	1721.875	1360.875	54.69355	54.31976	54.15074	51.62548	80.74334	0	19.25666	16.55011	2.706547	31.18043	8
1718.38	1721.88	1360.88	63.13072	128.6909	62.41091	57.84421	56.3551	2.790036	40.85486	17.76427	23.09059	28.90478	8
1718.385	1721.885	1360.885	68.84204	38.43182	69.18425	69.69166	64.71272	0	35.28728	16.22678	19.0605	30.45816	8
1718.39	1721.89	1360.89	65.10136	40.18632	64.91256	65.96278	71.84489	0	28.15511	13.01136	15.14375	29.92105	8
1718.395	1721.895	1360.895	61.17188	53.26149	60.62907	59.35464	75.03938	0	24.96062	14.68956	10.27106	30.56827	1
1718.4	1721.9	1360.9	72.45291	74.02303	72.64172	72.74792	53.96652	1.889769	44.14371	15.78438	28.35934	29.66199	1
1718.405	1721.905	1360.905	79.34425	75.8193	79.89887	79.15545	44.35678	4.927801	50.71542	33.92075	16.79467	29.09699	1
1718.41	1721.91	1360.91	81.17329	106.2445	82.23531	83.99355	31.37874	9.133498	59.48777	35.82601	23.66176	27.6288	1
1718.415	1721.915	1360.915	81.10249	89.28436	81.6335	84.66616	39.66356	6.490152	53.84629	37.78208	16.06421	27.90773	1
1718.42	1721.92	1360.92	76.8308	76.59907	77.19661	79.43866	47.94368	3.644886	48.41144	19.94431	28.46713	28.7456	1
1718.425	1721.925	1360.925	84.05255	64.22013	84.87857	85.65738	40.72875	7.080083	52.19117	30.60415	21.58702	28.88309	1
1718.43	1721.93	1360.93	82.12911	65.86323	82.86073	84.52456	42.8323	5.932138	51.23556	28.42443	22.81113	28.80156	1
1718.435	1721.935	1360.935	83.54514	86.1931	84.59536	84.52456	34.14052	8.997132	56.86235	21.60573	35.25662	28.37629	1
1718.44	1721.94	1360.94	81.19689	69.01018	81.91671	84.68976	43.01983	5.67998	51.30019	19.70003	31.60016	28.52893	1
1718.445	1721.945	1360.945	75.89858	89.54893	76.7128	78.71884	42.19228	5.166958	52.64076	23.58659	29.05417	28.02613	1
1718.45	1721.95	1360.95	79.10825	76.02817	79.89887	81.7515	42.69432	5.435281	51.8704	24.7495	27.1209	28.47639	1
1718.455	1721.955	1360.955	80.25287	70.12415	80.08767	79.39145	50.47764	3.061558	46.4608	33.59622	12.86458	29.87004	1
1718.46	1721.96	1360.96	78.57724	67.88229	78.44744	80.77208	52.2874	2.483667	45.22894	17.68013	27.54881	29.49757	8
1718.465	1721.965	1360.965	83.35634	84.18796	84.00535	84.64256	37.90883	7.515957	54.57521	32.26532	22.3099	28.41703	8
1718.47	1721.97	1360.97	90.48368	81.98788	90.05887	90.10608	40.20621	7.00588	52.78791	31.04998	21.73793	28.97548	8
1718.475	1721.975	1360.975	86.3064	52.20322	86.6368	86.73121	45.40428	5.798288	48.79743	22.77647	26.02096	29.66977	8
1718.48	1721.98	1360.98	85.31518	96.9011	85.12637	83.61594	39.5232	6.615249	53.86155	32.35424	21.50731	28.79464	8
1718.485	1721.985	1360.985	75.74518	102.3595	73.91614	69.88046	59.71847	0.752869	39.52866	18.73121	20.79745	30.90869	8
1718.49	1721.99	1360.99	77.31461	143.1168	77.72762	74.81296	31.03549	8.398819	60.5657	42.04251	18.52318	27.67735	2
1718.495	1721.995	1360.995	84.58356	135.7089	85.45678	86.5896	22.57413	12.3499	65.07597	35.32773	29.74824	27.59174	2
1718.5	1722	1361	87.09701	138.0761	88.11183	93.19774	18.59148	14.53857	66.86995	43.79259	23.07736	27.1047	2
1718.505	1722.005	1361.005	87.01441	123.2464	87.72243	91.93511	24.634	12.34315	63.02285	46.97239	16.05046	27.15798	2
1718.51	1722.01	1361.01	92.04131	111.2573	92.78473	91.3923	22.63625	15.13777	62.22599	37.37855	24.84743	28.40467	2
1718.515	1722.015	1361.015	86.86101	125.6971	87.41562	88.54844	25.37093	11.85756	62.77151	39.83969	22.93182	27.67529	2
1718.52	1722.02	1361.02	77.18481	87.93367	77.33821	77.89282	46.52115	4.057143	49.42171	30.73956	18.68214	28.71233	2
1718.525	1722.025	1361.025	69.52645	58.35788	69.47925	70.70648	62.27886	0	37.72114	7.107816	30.61332	30.69296	2
1718.53	1722.03	1361.03	68.94824	70.6672	69.10164	71.11948	58.27728	0.825229	40.89749	13.55638	27.34111	29.7989	2
1718.535	1722.035	1361.035	76.08739	145.9852	74.90736	72.59452	43.81637	4.970018	51.21361	18.40806	32.80555	27.76722	2
1718.54	1722.04	1361.04	77.98723	149.1461	77.53882	76.6892	35.63357	7.085767	57.28066	29.47473	27.80594	27.21827	2
1718.545	1722.045	1361.045	70.74188	78.75738	70.57667	69.51465	57.13851	1.24936	41.61213	26.2027	15.40943	30.11362	2
1718.55	1722.05	1361.05	71.10768	88.32356	71.11948	70.76548	53.11518	2.250958	44.63387	14.442	30.19187	29.23474	2
1718.555	1722.055	1361.055	75.34397	93.21109	75.57998	74.76576	46.29743	4.040692	49.66188	18.96584	30.69604	28.74181	2
1718.56	1722.06	1361.06	78.90764	83.54743	78.78964	77.82202	48.10101	3.667198	48.2318	34.59151	13.64029	29.32399	2
1718.565	1722.065	1361.065	81.4565	76.84972	81.4447	80.26467	46.55384	4.319718	49.12644	23.19254	25.9339	29.45509	2
1718.57	1722.07	1361.07	77.20841	91.01101	76.6656	75.70978	51.15039	2.769264	46.08035	23.35441	22.72594	29.42095	2
1718.575	1722.075	1361.075	72.47651	93.05792	72.0399	70.78908	54.18531	2.111066	43.70362	22.39146	21.31216	29.51428	2
1718.58	1722.08	1361.08	80.04047	178.2485	80.15847	76.4886	22.31213	11.00343	66.68444	49.79797	16.88647	27.64158	2
1718.585	1722.085	1361.085	79.52126	100.1734	78.63624	76.6184	49.45738	3.146894	47.39573	33.60669	13.78903	29.38711	2
1718.59	1722.09	1361.09	75.46197	69.1355	75.48557	76.04019	53.66129	2.022605	44.31611	16.25773	28.05838	29.81109	2
1718.595	1722.095	1361.095	72.44111	58.58068	72.68892	73.45593	57.25716	0.94696	41.79588	16.17186	25.62402	30.35316	2
1718.6	1722.1	1361.1	80.39448	110.4636	79.86346	78.81324	43.42022	4.910562	51.66922	25.54931	26.11991	28.49687	4
1718.605	1722.105	1361.105	88.90245	133.2582	88.57204	86.6604	28.52192	10.10893	61.36915	39.20906	22.16009	28.18775	4
1718.61	1722.11	1361.11	86.5542	68.48105	86.05859	84.66616	47.6387	4.163995	48.19731	19.29224	28.90507	30.00194	4
1718.615	1722.115	1361.115	86.684	80.92961	86.86101	87.51002	39.29397	7.389304	53.31673	26.83493	26.4818	28.65181	4
1718.62	1722.12	1361.12	85.04377	145.1358	86.2828	85.49218	17.03442	14.49035	68.47523	51.60211	16.87312	28.19498	4
1718.625	1722.125	1361.125	85.84619	124.3325	85.25618	86.4952	35.50563	7.36325	57.13112	40.51119	16.61992	27.71152	4
1718.63	1722.13	1361.13	87.19142	130.5011	86.6368	84.76057	32.50087	8.388143	59.11099	24.35951	34.75147	28.18326	4
1718.635	1722.135	1361.135	88.27704	167.5126	87.48642	86.17659	24.37435	10.44415	65.1815	38.9363	26.2452	27.6984	4
1718.64	1722.14	1361.14	84.38296	166.148	82.61292	80.76028	35.87765	6.222685	57.89967	21.99953	35.90014	27.55271	4
1718.645	1722.145	1361.145	78.95485	146.6954	78.69524	78.63624	33.8732	7.610293	58.5165	23.12083	35.39567	27.15427	4
1718.65	1722.15	1361.15	78.99025	185.35	77.33821	77.03141	35.27754	7.066081	57.65638	28.82946	28.82692	26.46495	4
1718.655	1722.155	1361.155	81.25589	236.2582	82.45952	72.0045	0	18.35054	81.64946	81.64946	0	-9999	4
1718.66	1722.16	1361.16	86.2592	86.33235	86.33	88.08823	39.2004	7.179156	53.62044	35.39933	18.22111	28.35417	4

1718.665	1722.165	1361.165	82.08191	74.28759	81.22049	80.96089	53.18303	2.061406	44.75556	23.91142	20.84414	30.18919	4
1718.67	1722.17	1361.17	81.16149	86.59692	80.33547	80.07587	50.77661	2.755418	46.46798	21.55107	24.9169	29.58121	4
1718.675	1722.175	1361.175	84.71336	164.9505	84.13515	82.76632	26.62683	9.757457	63.61571	34.03538	29.58034	27.47675	4
1718.68	1722.18	1361.18	85.25618	106.5369	85.86979	88.39504	31.02689	9.885314	59.0878	38.10253	20.98527	27.58831	4
1718.685	1722.185	1361.185	81.06709	91.30342	80.01687	79.48586	51.46207	2.484479	46.05345	33.04387	13.00959	29.62865	4
1718.69	1722.19	1361.19	81.20869	72.93691	80.71308	79.62746	51.47825	2.695993	45.82576	24.38202	21.44374	30.07218	4
1718.695	1722.195	1361.195	85.31518	215.622	84.91397	85.89339	12.43888	13.94473	73.61639	63.82435	9.792043	27.36646	4
1718.7	1722.2	1361.2	88.26524	111.8143	87.67523	81.05529	36.30951	7.414518	56.27597	21.09487	35.1811	29.49451	4
1718.705	1722.205	1361.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1719.005	1722.505	1361.505	80.54788	41.57877	80.99629	81.6453	52.35872	2.820526	44.82076	25.59389	19.22687	30.38999	4
1719.01	1722.51	1361.51	82.21171	80.87392	81.6217	82.61292	49.36633	3.271468	47.3622	24.07695	23.28525	29.33687	4
1719.015	1722.515	1361.515	78.96665	146.3333	77.40901	76.07559	44.00967	4.636785	51.35355	30.66968	20.68387	27.8061	4
1719.02	1722.52	1361.52	83.81655	98.29356	84.08795	83.32094	36.99834	7.525033	55.47662	22.75229	32.72433	28.42886	4
1719.025	1722.525	1361.525	84.11155	82.01573	83.99355	82.73092	43.68408	5.355154	50.96076	16.54118	34.41958	29.23299	4
1719.03	1722.53	1361.53	82.19991	99.32397	81.5627	80.14667	45.27808	4.385366	50.33655	25.20675	25.1298	29.02414	4
1719.035	1722.535	1361.535	81.25589	85.91461	80.15847	78.81324	52.95827	2.042353	44.99938	19.87184	25.12754	30.09181	4
1719.04	1722.54	1361.54	73.38513	66.7544	71.9927	70.85988	67.12244	0	32.87756	24.03594	8.841628	30.86318	4
1719.045	1722.545	1361.545	69.95126	35.0203	69.45565	68.20482	71.01091	0	28.98909	22.01338	6.975714	30.58754	4
1719.05	1722.55	1361.55	73.82174	57.53633	72.61812	72.21691	67.4883	0	32.5117	18.65403	13.85767	30.71008	4
1719.055	1722.555	1361.555	88.58384	85.21838	88.58384	88.78445	37.88001	7.983605	54.13638	24.53883	29.59755	28.64863	4
1719.06	1722.56	1361.56	93.94115	77.01681	93.97655	92.33632	34.66171	10.75107	54.58722	32.17615	22.41107	28.98684	4
1719.065	1722.565	1361.565	94.76717	100.2708	95.45159	96.99742	23.24445	16.35748	60.39807	44.94152	15.45655	27.8963	4
1719.07	1722.57	1361.57	97.58743	103.6684	97.85883	98.46065	23.02841	16.6964	60.27519	42.75021	17.52498	28.05436	4
1719.075	1722.575	1361.575	94.43676	121.0185	95.36898	93.72875	16.60701	18.80066	64.59233	43.40928	21.18305	28.56978	4
1719.08	1722.58	1361.58	90.80229	134.9013	91.4749	86.4244	18.60303	15.47946	65.91751	51.21443	14.70308	29.03758	4
1719.085	1722.585	1361.585	91.03829	140.9306	92.76113	94.68457	8.78759	20.9102	70.30221	63.15581	7.146401	28.50726	4
1719.09	1722.59	1361.59	84.84317	112.1764	85.23257	84.53636	31.7797	9.313405	58.9069	27.23091	31.67598	28.0969	4
1719.095	1722.595	1361.595	83.34454	106.704	83.02593	84.99657	39.96986	6.139637	53.8905	29.97935	23.91115	27.92813	4
1719.1	1722.6	1361.6	82.54212	119.4868	83.53334	84.55996	27.4635	10.52094	62.01556	34.36608	27.64947	27.62295	4
1719.105	1722.605	1361.605	78.30583	113.5827	78.70704	79.55666	37.36225	6.719922	55.91783	30.12403	25.7938	27.64797	4
1719.11	1722.61	1361.61	80.35907	106.342	79.94607	78.08163	43.53571	4.91676	51.54753	24.60696	26.94057	28.72477	4
1719.115	1722.615	1361.615	89.55146	150.8867	89.94087	91.58111	18.08017	14.51207	67.40776	48.12672	19.28104	27.67158	4
1719.12	1722.62	1361.62	93.53995	223.1413	93.62255	92.24192	0	20.57878	79.42122	79.42122	0	-9999	4
1719.125	1722.625	1361.625	74.45895	139.4546	73.92794	68.28743	41.86509	5.466853	52.66806	25.34974	27.31832	28.28935	4
1719.13	1722.63	1361.63	73.43233	96.26057	72.81872	73.36153	53.90269	2.203571	43.89373	14.42659	29.46715	29.13165	4
1719.135	1722.635	1361.635	80.52428	140.7914	80.64228	80.40628	30.93164	8.645782	60.42258	24.51178	35.9108	27.37306	4
1719.14	1722.64	1361.64	72.59452	85.91461	71.46169	71.55609	61.20109	0.493024	38.30589	23.30134	15.00455	30.52449	4
1719.145	1722.645	1361.645	75.69798	89.31221	75.34397	73.43233	51.48786	2.691217	45.82092	31.15	14.67092	29.57471	4
1719.15	1722.65	1361.65	72.13431	94.53392	70.91888	69.45565	60.17877	0.881821	38.93941	24.55598	14.38343	30.40104	4
1719.155	1722.655	1361.655	75.61538	116.117	74.25835	71.8747	52.8505	2.546873	44.60262	31.29394	13.30869	29.25542	4
1719.16	1722.66	1361.66	74.83656	116.6461	73.60934	69.77426	52.43299	2.714683	44.85232	32.93353	11.91879	29.40137	4
1719.165	1722.665	1361.665	87.72243	160.7453	87.80503	86.5424	19.75485	12.95554	67.28961	44.25121	23.0384	27.94616	4
1719.17	1722.67	1361.67	88.05283	141.6268	89.36266	91.91151	14.56654	16.59731	68.83615	49.73976	19.09638	27.8456	4
1719.175	1722.675	1361.675	76.41779	127.1313	77.10221	80.66588	33.62563	7.608762	58.7656	36.8577	21.9079	26.73498	4
1719.18	1722.68	1361.68	73.97514	78.0333	73.50313	71.9219	56.71688	1.330725	41.95239	14.87091	27.08149	30.36074	4
1719.185	1722.685	1361.685	74.35275	164.8252	73.85714	71.46169	35.54876	7.223095	57.22815	22.29862	34.92953	26.9447	4
1719.19	1722.69	1361.69	62.2221	91.26165	61.45509	53.33652	66.61472	0.123286	33.26199	15.39178	17.87022	32.18631	4
1719.195	1722.695	1361.695	58.68203	39.8939	57.86781	55.86177	82.66839	0	17.33161	6.265551	11.06606	31.1392	4
1719.2	1722.7	1361.7	64.34615	34.92283	63.86234	61.33708	76.09975	0	23.90025	17.2294	6.670847	30.64213	4
1719.205	1722.705	1361.705	73.64474	48.74993	73.37333	72.45291	62.55275	0	37.44725	7.502809	29.94444	31.37546	4
1719.21	1722.71	1361.71	79.65106	63.07831	79.53306	79.61566	52.37059	2.513804	45.1156	15.63518	29.48042	30.06449	4
1719.215	1722.715	1361.715	82.22351	44.43331	82.30611	82.28251	52.96134	2.675319	44.36334	19.83136	24.53197	30.62295	4
1719.22	1722.72	1361.72	88.67825	57.10467	89.02045	90.35388	41.94458	7.469229	50.58619	28.90941	21.67679	29.08278	4
1719.225	1722.725	1361.725	88.44224	51.54877	88.72545	87.61622	43.96349	6.728888	49.30762	32.07545	17.23217	29.79715	4
1719.23	1722.73	1361.73	84.87857	45.38018	85.07917	83.96995	49.37503	4.209083	46.41589	14.65548	31.7604	30.41478	4
1719.235	1722.735	1361.735	83.07313	36.7748	83.04953	83.00233	54.85612	2.18067	42.96321	29.9332	13.03001	31.08713	4
1719.24	1722.74	1361.74	80.93729	37.59635	81.07889	81.05529	55.34196	1.891531	42.76651	23.30508	19.46143	31.04905	4
1719.245	1722.745	1361.745	80.67768	56.50591	80.31187	79.87526	54.93711	1.764983	43.29791	27.86594	15.43197	30.71213	4
1719.25	1722.75	1361.75	85.69278	63.69099	84.52456	81.26769	54.80315	1.373283	43.82356	31.03843	12.78514	31.40603	4
1719.255	1722.755	1361.755	85.59838	71.54445	84.79597	81.7161	50.15446	3.034068	46.81147	28.02988	18.7816	30.54025	4
1719.26	1722.76	1361.76	83.87555	157.0413	80.33547	75.99299	52.26606	0.816166	46.91777	24.24566	22.67212	29.5076	4
1719.265	1722.765	1361.765	81.6335	160.4528	78.97845	77.33821	46.64426	3.29716	50.05858	33.64184	16.41673	28.04583	4
1719.27	1722.77	1361.77	81.22049	105.1027	81.4093	81.4211	38.37907	6.679855	54.94108	21.68781	33.25326	28.12631	4
1719.275	1722.775	1361.775	83.81655	76.16741	83.09673	80.21747	50.03483	3.058402	46.90677	28.33477	18.572	30.30779	4
1719.28	1722.78	1361.78	81.4447	86.47159	80.11127	78.76604	54.47882	1.521931	43.99925	15.90378	28.09547	30.31741	4
1719.285	1722.785	1361.785	78.29403	78.70168	79.13185	83.04953	42.4306	5.397624	52.17178	29.52023	22.65154	27.98937	4
1719.29	1722.79	1361.79	72.39391	57.73128	71.9927	72.96032	62.536	0	37.464	13.45994	24.00407	30.91549	4
1719.295	1722.795	1361.795	65.12496	58.91487	65.00696	63.10712	66.74216	0	33.25784	22.84004	10.4178	30.71345	4
1719.3	1722.8	1361.8	61.9035	68.62029	61.39609	57.58461	70.3751	0	29.6249	19.39171	10.23318	31.13273	4
1719.305	1722.805	1361.805	69.83326	77.60164	68.59423	66.7652	66.57625	0	33.42375	21.31234	12.11141	31.13291	4
1719.31	1722.81	1361.81	66.8242	80.66505	64.55855	64.07474	76.55956	0	23.44044	10.47767	12.96277	31.1616	4
1719.315	1722.815	1361.815	63.56733	68.80131	63.49653	65.17216	65.41685	0	34.58315	8.867324	25.71583	30.11394	4
1719.32	1722.82	1361.82	73.36153	104.2115	73.77454	76.8898	44.08739	4.5642	51.34841	17.88375	33.46466	27.50343	4

1719.325	1722.825	1361.825	74.44715	113.9448	73.10193	68.06322	54.3595	2.267485	43.37302	15.44882	27.9242	29.90165	4
1719.33	1722.83	1361.83	70.95428	81.11063	69.96306	68.96004	62.77525	0.170731	37.05402	9.195172	27.85885	31.00651	4
1719.335	1722.835	1361.835	68.73584	76.83579	68.11042	67.29621	63.01572	0.100447	36.88383	26.60983	10.27401	30.96245	4
1719.34	1722.84	1361.84	70.41147	90.98316	69.30225	67.85082	61.8	0.591219	37.60878	12.74654	24.86224	30.63782	4
1719.345	1722.845	1361.845	74.82476	81.96003	74.70676	73.96334	52.24141	2.446993	45.3116	13.9624	31.3492	29.55271	4
1719.35	1722.85	1361.85	73.62114	101.9139	72.79512	73.53853	54.00701	2.247066	43.74592	20.32609	23.41983	28.99358	4
1719.355	1722.855	1361.855	73.59754	115.7689	71.22569	65.25476	62.65602	0.581059	36.76292	22.26348	14.49943	31.30838	4
1719.36	1722.86	1361.86	77.90462	98.16824	77.38541	77.50342	48.59492	3.468113	47.93697	23.33784	24.59913	28.82642	4
1719.365	1722.865	1361.865	74.96636	61.92257	74.51795	73.21993	59.52085	0.494653	39.98449	14.5982	25.38629	31.17581	4
1719.37	1722.87	1361.87	76.22899	101.5798	75.96938	73.70374	47.29897	3.837671	48.86336	18.56414	30.29922	28.96771	4
1719.375	1722.875	1361.875	79.23805	117.0917	78.97845	79.82806	40.77674	5.693454	53.52981	32.67446	20.85535	27.77502	4
1719.38	1722.88	1361.88	79.79266	91.63761	80.38268	79.80446	39.84185	6.262969	53.89518	32.38399	21.51119	28.48334	4
1719.385	1722.885	1361.885	73.51493	93.65667	74.06955	75.78058	45.40311	4.157202	50.43969	17.83143	32.60826	28.09259	4
1719.39	1722.89	1361.89	63.85054	79.8435	63.17792	59.75585	67.14814	0	32.85186	14.69832	18.15354	31.31464	4
1719.395	1722.895	1361.895	72.0281	99.71386	72.40571	73.72734	46.67693	3.843203	49.47987	28.45721	21.02265	28.05317	4
1719.4	1722.9	1361.9	74.17575	122.578	74.62416	76.35879	38.61926	6.101459	55.27928	25.67557	29.60371	27.1389	4
1719.405	1722.905	1361.905	76.31159	87.64126	76.5122	77.64502	47.02947	3.875121	49.09541	32.45975	16.63566	28.60508	4
1719.41	1722.91	1361.91	75.59178	87.0982	75.82778	76.9134	47.54876	3.699746	48.75149	22.62184	26.12965	28.63594	4
1719.415	1722.915	1361.915	75.60358	57.8566	75.41477	74.28195	57.90664	0.873839	41.21952	16.27403	24.94549	30.99659	4
1719.42	1722.92	1361.92	69.70346	44.75358	69.76246	69.52645	64.5852	0	35.4148	16.01647	19.39834	30.72331	4
1719.425	1722.925	1361.925	63.93314	65.8493	63.82694	63.63813	66.06905	0	33.93095	5.831129	28.09982	30.42861	4
1719.43	1722.93	1361.93	63.93314	89.93881	63.23692	60.85327	64.81198	0.285942	34.90208	14.12159	20.78049	30.92702	4
1719.435	1722.935	1361.935	69.99846	123.2046	69.97486	68.51163	45.9688	4.320237	49.71096	35.51104	14.19992	27.85579	4
1719.44	1722.94	1361.94	59.54345	101.0785	59.63785	56.34558	60.02742	1.303197	38.66938	10.32732	28.34206	29.66811	4
1719.445	1722.945	1361.945	56.14498	85.35763	55.55496	53.31292	72.26267	0	27.73733	17.87403	9.8633	31.1386	4
1719.45	1722.95	1361.95	53.08871	50.6019	52.71111	51.14167	81.83918	0	18.16082	18.16082	0	30.94357	4
1719.455	1722.955	1361.955	47.6606	32.82022	47.4836	47.6016	89.58153	0	10.41847	10.41847	0	31.23302	4
1719.46	1722.96	1361.96	54.23334	64.80496	52.5931	50.03245	87.13434	0	12.86566	12.37796	0.487699	32.79467	4
1719.465	1722.965	1361.965	60.85327	121.9653	59.60245	58.17462	64.19328	1.62333	34.18339	9.351917	24.83148	29.56654	4
1719.47	1722.97	1361.97	54.74075	77.69911	54.24514	54.49294	74.6763	0	25.3237	12.35801	12.96568	30.60089	4
1719.475	1722.975	1361.975	53.17132	50.56012	53.08871	51.23608	79.487	0	20.513	20.513	0	30.58738	4
1719.48	1722.98	1361.98	57.65541	95.49472	55.22456	52.84091	82.68639	0	17.31361	17.31361	0	33.0084	4
1719.485	1722.985	1361.985	54.11534	43.93203	53.40732	51.71989	85.06945	0	14.93055	4.623603	10.30694	31.40815	4
1719.49	1722.99	1361.99	62.83571	73.25718	62.84751	61.71469	64.37145	0	35.62855	19.24128	16.38727	30.66309	4
1719.495	1722.995	1361.995	64.11014	62.53525	63.50833	62.50531	70.54918	0	29.45082	20.32191	9.128901	30.60589	4
1719.5	1723	1362	62.0215	102.3735	61.64389	60.46387	61.09231	1.239731	37.66796	24.65959	13.00837	29.58317	4
1719.505	1723.005	1362.005	60.78247	84.55	60.25146	57.78521	67.73436	0	32.26564	20.7946	11.47104	31.10134	4
1719.51	1723.01	1362.01	54.83515	41.34206	54.79975	55.21276	79.82124	0	20.17876	11.6086	8.570159	30.02497	4
1719.515	1723.015	1362.015	69.14884	96.35804	68.79484	67.89802	55.80797	1.864789	42.32724	22.58636	19.74087	29.36625	4
1719.52	1723.02	1362.02	64.33435	160.1744	60.72347	56.13318	70.03448	2.072398	27.89312	21.47459	6.418525	30.62356	4
1719.525	1723.025	1362.025	60.90047	130.1808	58.33982	56.80579	72.31286	1.032589	26.65455	21.38402	5.270531	31.08324	4
1719.53	1723.03	1362.03	58.29262	42.87376	57.95041	57.64361	78.64744	0	21.35256	4.162563	17.18999	30.30109	4
1719.535	1723.035	1362.035	59.48445	59.01234	59.54345	60.00366	70.53606	0	29.46394	16.16802	13.29591	29.919	4
1719.54	1723.04	1362.04	58.00942	77.71304	57.1716	55.29536	74.31787	0	25.68213	20.45174	5.230397	31.13788	2
1719.545	1723.045	1362.045	55.87357	26.9162	55.67297	55.16556	83.63728	0	16.36272	16.36272	0	30.4289	2
1719.55	1723.05	1362.05	53.52532	32.29108	53.34832	53.25392	84.31404	0	15.68596	14.08235	1.603616	30.49132	2
1719.555	1723.055	1362.055	53.70233	66.28096	52.97071	51.34228	80.22388	0	19.77612	13.08638	6.689742	31.29502	2
1719.56	1723.06	1362.06	61.24268	114.6828	60.14526	57.0182	64.40853	1.301012	34.29046	14.92113	19.36933	30.14257	2
1719.565	1723.065	1362.065	65.99818	71.89257	65.50257	66.69439	65.72465	0	34.27535	8.643438	25.63191	30.42548	2
1719.57	1723.07	1362.07	57.325	46.06249	56.53439	54.88235	82.24115	0	17.75885	6.464747	11.2941	31.12837	2
1719.575	1723.075	1362.075	51.71989	44.80927	52.08569	51.48388	78.73885	0	21.26115	13.78816	7.472989	29.8849	2
1719.58	1723.08	1362.08	54.28054	43.30542	54.02093	54.43394	81.59393	0	18.40607	8.832596	9.57347	30.34844	2
1719.585	1723.085	1362.085	56.75859	25.70476	56.64059	55.79097	82.47606	0	17.52394	17.52394	0	30.31845	2
1719.59	1723.09	1362.09	52.5695	54.87674	51.64908	48.22701	85.48913	0	14.51087	12.2241	2.286772	32.14579	2
1719.595	1723.095	1362.095	54.63455	45.12954	54.17434	53.45452	82.38149	0	17.61851	5.895007	11.7235	30.78869	2
1719.6	1723.1	1362.1	52.99431	55.85146	52.82911	49.40704	79.00951	0	20.99049	10.54032	10.45018	30.98141	2
1719.605	1723.105	1362.105	53.00611	61.1985	53.50172	51.21248	72.58336	0	27.41664	6.729767	20.68687	30.0676	2
1719.61	1723.11	1362.11	54.84695	68.84309	54.29234	54.04453	77.17902	0	22.82098	10.59308	12.2279	30.72068	2
1719.615	1723.115	1362.115	52.1683	46.42452	51.76709	51.14167	83.8798	0	16.1202	16.1202	0	30.93862	2
1719.62	1723.12	1362.12	53.92653	50.29556	53.61973	49.67844	80.59382	0	19.40618	5.736122	13.67006	31.20683	2
1719.625	1723.125	1362.125	67.80362	90.31478	67.63841	65.66777	57.04482	1.492082	41.46309	16.20536	25.25773	29.79642	2
1719.63	1723.13	1362.13	81.4801	52.95515	81.19689	80.98449	54.41801	1.98823	43.59376	13.09572	30.49804	30.69363	2
1719.635	1723.135	1362.135	82.04651	64.34545	81.6807	81.86951	51.78062	2.715696	45.50368	17.66178	27.8419	30.06663	2
1719.64	1723.14	1362.14	76.878	85.90069	75.99299	76.97241	55.34316	1.640594	43.01624	29.53721	13.47903	29.70163	2
1719.645	1723.145	1362.145	80.00507	165.7024	77.65682	76.22899	44.49428	4.293672	51.21205	17.19517	34.01688	27.56047	2
1719.65	1723.15	1362.15	82.15271	137.7697	81.5037	83.34454	36.10909	6.935172	56.95574	27.18796	29.76778	27.18542	2
1719.655	1723.155	1362.155	80.80748	121.0324	79.81626	80.45348	44.04924	4.581744	51.36902	24.50657	26.86245	28.05797	2
1719.66	1723.16	1362.16	68.54703	59.06804	67.80362	64.98336	68.40373	0	31.59627	8.154708	23.44156	31.06332	2
1719.665	1723.165	1362.165	66.32859	43.54214	65.69137	67.47321	73.3789	0	26.6211	17.12163	9.499463	29.95609	2
1719.67	1723.17	1362.17	64.99516	70.01275	62.72951	60.80607	80.82013	0	19.17987	19.17987	0	31.69096	2
1719.675	1723.175	1362.175	68.87744	170.033	64.99516	60.32226	65.57245	2.225901	32.20165	28.7982	3.403453	29.87472	2
1719.68	1723.18	1362.18	73.31433	189.8476	73.31433	60.19246	26.60769	9.582978	63.80933	30.77053	33.0388	28.51854	2
1719.685	1723.185	1362.185	74.52975	111.2434	75.68618	73.70374	35.54944	6.845499	57.60506	22.51998	35.08509	28.01252	2

1719.69	1723.19	1362.19	75.02537	61.78333	76.22899	76.8308	46.69701	3.788865	49.51413	16.25704	33.25708	29.14035	2
1719.695	1723.195	1362.195	77.75122	143.0889	75.02537	71.8039	54.96675	1.904166	43.12909	29.52225	13.60684	29.29941	2
1719.7	1723.2	1362.2	73.40873	109.9066	72.87772	73.43233	49.98189	3.264997	46.75311	24.98936	21.76375	28.35556	2
1719.705	1723.205	1362.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1720.02	1723.52	1362.52	83.95815	58.03762	83.14393	84.57176	55.02358	1.599181	43.37724	22.31435	21.06289	30.54361	2
1720.025	1723.525	1362.525	78.75424	56.64516	77.81022	76.97241	61.15412	0	38.84588	17.45621	21.38967	31.61656	2
1720.03	1723.53	1362.53	76.6774	72.22676	76.07559	73.27893	56.64196	1.258424	42.09961	21.5312	20.56841	30.86228	2
1720.035	1723.535	1362.535	82.57752	162.0402	79.86346	76.31159	45.84887	3.279791	50.87134	29.53291	21.33843	28.38153	2
1720.04	1723.54	1362.54	87.91123	112.0371	87.02621	83.42714	38.86758	6.233252	54.89917	31.30853	23.59064	29.05752	2
1720.045	1723.545	1362.545	80.98449	150.4968	79.33245	78.02263	41.87731	4.981384	53.1413	20.75132	32.38998	27.72557	2
1720.05	1723.55	1362.55	76.07559	70.73683	76.4768	78.05803	49.78278	3.083584	47.13363	20.08309	27.05054	29.12901	2
1720.055	1723.555	1362.555	78.89584	73.50782	78.62444	79.15545	51.73032	2.625704	45.64397	30.44999	15.19398	29.65134	2
1720.06	1723.56	1362.56	76.5948	53.15009	76.5594	77.99903	56.94482	1.131038	41.92414	22.74322	19.18092	30.51309	2
1720.065	1723.565	1362.565	78.54184	88.64383	79.00205	80.06407	42.72308	5.260722	52.0162	23.29622	28.71998	28.35273	9
1720.07	1723.57	1362.57	82.04651	82.47524	81.03169	77.72762	52.42306	2.198802	45.37813	32.29528	13.08285	30.48424	9
1720.075	1723.575	1362.575	76.41779	112.1903	73.23173	71.59149	67.23759	0	32.76241	22.31424	10.44817	30.36773	9
1720.08	1723.58	1362.58	74.47075	78.95233	72.33491	69.27865	68.93323	0	31.06677	19.03499	12.03177	30.96456	9
1720.085	1723.585	1362.585	71.8393	50.01706	70.83628	69.19605	69.57712	0	30.42288	15.39144	15.03144	30.81292	9
1720.09	1723.59	1362.59	72.60632	66.93542	71.8393	70.81268	62.94819	0	37.05181	20.82303	16.22878	31.2269	9
1720.095	1723.595	1362.595	72.55911	49.83604	71.8747	71.01328	66.4895	0	33.5105	6.206442	27.30406	30.88266	9
1720.1	1723.6	1362.6	72.35851	43.48644	71.01328	68.84204	73.33197	0	26.66803	8.269981	18.39805	30.75879	9
1720.105	1723.605	1362.605	71.57969	40.61798	71.11948	68.22843	67.88375	0	32.11625	8.779915	23.33633	31.11655	9
1720.11	1723.61	1362.61	69.55005	49.07019	69.80966	68.65323	62.12702	0	37.87298	6.477412	31.39556	31.08418	9
1720.115	1723.615	1362.615	69.32585	63.20363	69.67986	68.42903	58.18138	0.697305	41.12131	28.16577	12.95554	30.57248	9
1720.12	1723.62	1362.62	68.87744	51.08926	68.14582	67.75642	69.93917	0	30.06083	17.06941	12.99141	30.51584	9
1720.125	1723.625	1362.625	71.7685	60.65544	71.7567	70.64748	59.38582	0.488253	40.12593	20.82221	19.30372	30.94322	9
1720.13	1723.63	1362.63	68.08682	52.8716	67.73282	67.2254	67.30875	0	32.69125	10.58705	22.10419	30.57121	9
1720.135	1723.635	1362.635	68.34643	53.42858	68.34643	68.22843	64.19157	0	35.80843	7.132354	28.67608	30.6547	9
1720.14	1723.64	1362.64	72.51191	54.34761	73.46773	76.31159	52.72932	1.936475	45.33421	24.7775	20.5567	29.42016	9
1720.145	1723.645	1362.645	80.06407	65.62651	80.60688	81.24409	46.25265	4.495503	49.25184	18.12428	31.12756	29.21054	9
1720.15	1723.65	1362.65	78.05803	58.60853	78.67164	79.82806	49.24785	3.417768	47.33438	33.01071	14.32367	29.47659	9
1720.155	1723.655	1362.655	74.22295	41.09141	73.80994	73.97514	64.97158	0	35.02842	19.81226	15.21616	30.95368	9
1720.16	1723.66	1362.66	73.71554	54.48685	73.34973	73.68014	61.83089	0	38.16911	15.31102	22.85809	31.20022	9
1720.165	1723.665	1362.665	71.8393	65.76576	70.80088	69.30225	66.0403	0	33.9597	19.63422	14.32548	31.02844	9
1720.17	1723.67	1362.67	71.13129	59.04019	70.60027	69.20785	64.38683	0	35.61317	18.42948	17.18369	31.102	9
1720.175	1723.675	1362.675	71.8275	65.04168	70.83628	68.38183	65.86057	0	34.13943	18.80864	15.33079	31.21641	9
1720.18	1723.68	1362.68	73.75094	94.08834	71.6151	67.48501	65.93255	0	34.06745	15.91084	18.15661	31.44725	9
1720.185	1723.685	1362.685	74.11675	115.755	71.53249	68.58243	63.82785	0.24986	35.92229	15.19032	20.73197	31.01665	9
1720.19	1723.69	1362.69	73.95154	104.309	71.23749	67.29621	67.75574	0	32.24426	17.54249	14.70177	31.25154	9
1720.195	1723.695	1362.695	71.9337	118.707	69.40845	67.27261	64.66461	0.490934	34.84446	12.55194	22.29252	30.76691	9
1720.2	1723.7	1362.7	72.0517	135.6114	68.55883	64.40515	67.96423	0.232639	31.80313	10.04544	21.7577	31.44158	9
1720.205	1723.705	1362.705	72.83052	131.2809	69.46745	64.48775	67.28974	0.095244	32.61502	17.22978	15.38524	31.62671	9
1720.21	1723.71	1362.71	73.06652	112.9283	70.44687	65.19576	65.75247	0	34.24753	15.2204	19.02713	31.77629	9
1720.215	1723.715	1362.715	73.71554	102.7773	71.29649	67.50861	66.05724	0	33.94276	15.6674	18.27536	31.37787	9
1720.22	1723.72	1362.72	76.01659	107.9851	73.18453	72.45291	65.88081	0	34.11919	12.55644	21.56275	30.44457	9
1720.225	1723.725	1362.725	80.51248	118.7766	76.878	74.12855	65.35176	0	34.64824	5.879555	28.76868	29.531	9
1720.23	1723.73	1362.73	81.85771	83.1854	79.68646	77.79842	61.38719	0	38.61281	25.82984	12.78297	30.69929	9
1720.235	1723.735	1362.735	79.63926	51.29812	79.27345	77.63322	57.15274	1.112368	41.73489	11.94272	29.79217	31.32198	9
1720.24	1723.74	1362.74	79.86346	61.21242	78.74244	77.71582	60.40014	0.03402	39.56584	16.51544	23.05041	31.6179	9
1720.245	1723.745	1362.745	83.54514	79.70425	82.88433	83.04953	48.97135	3.387931	47.64072	32.2783	15.36242	29.52884	9
1720.25	1723.75	1362.75	88.11183	111.7586	87.21502	90.50728	38.84187	6.239268	54.91886	21.17559	33.74327	27.79732	9
1720.255	1723.755	1362.755	83.89915	111.1738	82.50672	79.96967	46.70005	3.502643	49.79731	32.36733	17.42998	29.27824	9
1720.26	1723.76	1362.76	83.03773	117.5095	81.29129	76.40599	48.70288	2.806987	48.49014	25.188	23.30214	29.75978	9
1720.265	1723.765	1362.765	77.31461	97.23529	74.88376	72.42931	64.1787	0	35.8213	19.60887	16.21243	30.82389	9
1720.27	1723.77	1362.77	75.43837	75.06737	73.69194	71.6859	65.96527	0	34.03473	17.5873	16.44742	30.96429	9
1720.275	1723.775	1362.775	73.37333	60.09845	72.52371	70.16367	64.53724	0	35.46276	7.897009	27.56575	31.3338	9
1720.28	1723.78	1362.78	71.7685	46.25743	71.53249	71.8039	64.60772	0	35.39228	20.01887	15.37341	30.7972	9
1720.285	1723.785	1362.785	71.50889	44.37761	70.73008	69.14884	69.50826	0	30.49174	5.7326	24.75914	30.787	9
1720.29	1723.79	1362.79	73.11373	52.60703	72.61812	71.48529	63.84545	0	36.15455	20.27842	15.87613	31.20036	9
1720.295	1723.795	1362.795	73.32613	49.16767	73.00752	72.33491	63.11059	0	36.88941	7.622854	29.26656	31.22701	9
1720.3	1723.8	1362.8	71.41449	52.45386	71.09588	70.24627	64.07403	0	35.92597	15.31622	20.60974	31.03064	9
1720.305	1723.805	1362.805	70.30527	46.20173	69.90406	70.78908	67.2477	0	32.7523	9.438221	23.31408	30.39983	9
1720.31	1723.81	1362.81	72.85412	71.05709	72.19331	70.60027	60.8997	0.316573	38.78373	18.00701	20.77672	31.12668	9
1720.315	1723.815	1362.815	76.819	161.9567	77.60962	79.67466	24.00572	10.33741	65.65687	40.68815	24.96872	26.62102	9
1720.32	1723.82	1362.82	76.22899	135.6114	74.81296	69.90406	48.02559	3.832896	48.14151	25.48034	22.66118	28.80312	9
1720.325	1723.825	1362.825	74.51795	94.26936	72.52371	67.82722	64.08567	0	35.91433	19.20485	16.70949	31.64724	9
1720.33	1723.83	1362.83	72.78332	60.58581	71.6387	69.80966	67.24841	0	32.75159	12.60315	20.14844	30.99185	9
1720.335	1723.835	1362.835	75.63898	56.45022	75.27317	76.26439	59.5862	0.435944	39.97786	11.83422	28.14364	30.91377	9
1720.34	1723.84	1362.84	80.12307	81.3195	79.73366	78.55364	49.62537	3.218751	47.15588	15.86278	31.2931	29.62722	9
1720.345	1723.845	1362.845	80.51248	88.61598	79.37965	77.92822	53.26283	1.983788	44.75338	24.38731	20.36606	30.04122	9
1720.35	1723.85	1362.85	80.14667	108.6813	79.66286	79.87526	43.71372	4.839265	51.44702	21.50534	29.94168	28.28878	9
1720.355	1723.855	1362.855	75.47377	88.88055	74.74216	75.32037	54.72505	1.875648	43.3993	26.17581	17.22349	29.52274	9
1720.36	1723.86	1362.86	76.7954	138.9394	73.50313	69.99846	61.23997	0.572187	38.18784	18.33655	19.85129	30.3658	9

1720.365	1723.865	1362.865	71.9455	81.18026	70.16367	68.45263	67.97375	0	32.02625	15.10613	16.92012	30.98981	9
1720.37	1723.87	1362.87	72.50011	75.19269	71.53249	70.04566	62.60232	0.0266	37.37108	14.48134	22.88974	31.30147	9
1720.375	1723.875	1362.875	72.57091	106.2584	69.99846	67.0248	67.45673	0	32.54327	17.82218	14.72108	31.29307	9
1720.38	1723.88	1362.88	72.54731	97.94544	70.28167	67.47321	67.11243	0	32.88757	14.14695	18.74061	31.25144	9
1720.385	1723.885	1362.885	73.93974	94.64532	73.19633	73.03112	54.83274	1.957524	43.20974	21.29302	21.91672	29.44687	9
1720.39	1723.89	1362.89	71.32009	73.92555	70.68288	67.81542	61.43394	0.28738	38.27868	9.991704	28.28698	31.28806	9
1720.395	1723.895	1362.895	69.40845	38.68246	69.46745	68.88924	66.32581	0	33.67419	24.47373	9.200461	30.60951	9
1720.4	1723.9	1362.9	68.01602	63.91379	66.69439	62.89472	72.20073	0	27.79927	5.283773	22.51549	31.27878	9
1720.405	1723.905	1362.905	68.32283	86.02601	67.24901	64.14554	64.64683	0.060527	35.29265	13.89402	21.39862	31.43476	9
1720.41	1723.91	1362.91	64.51135	45.96501	64.21634	62.50531	71.81232	0	28.18768	5.343919	22.84376	30.47347	9
1720.415	1723.915	1362.915	62.2811	26.47061	62.3637	62.3165	75.65533	0	24.34467	14.42111	9.923552	29.80568	9
1720.42	1723.92	1362.92	60.69987	17.39179	60.45207	59.15404	81.86779	0	18.13221	17.74273	0.389476	30.35853	9
1720.425	1723.925	1362.925	60.49927	34.10128	59.74405	58.51683	81.94109	0	18.05891	3.755139	14.30378	30.79338	9
1720.43	1723.93	1362.93	62.2575	51.1728	61.9507	59.21304	72.71703	0	27.28297	8.914795	18.36818	30.66158	9
1720.435	1723.935	1362.935	62.1867	83.074	60.68807	59.88565	74.29872	0	25.70128	9.823021	15.87826	31.2055	9
1720.44	1723.94	1362.94	61.13648	48.8474	61.08928	58.72923	72.29918	0	27.70082	19.83625	7.864579	30.42173	9
1720.445	1723.945	1362.945	61.03028	29.86821	61.43149	60.29866	73.51467	0	26.48533	16.067	10.41832	29.79853	9
1720.45	1723.95	1362.95	62.1867	31.46953	62.1513	61.30168	75.44696	0	24.55304	5.493935	19.0591	30.04308	9
1720.455	1723.955	1362.955	62.61151	33.25188	62.59971	62.94192	74.44191	0	25.55809	6.108462	19.44963	29.82463	9
1720.46	1723.96	1362.96	61.75009	37.88876	61.80909	62.87112	73.56358	0	26.43642	8.093553	18.34287	29.66131	9
1720.465	1723.965	1362.965	61.28988	25.92755	61.17188	62.3165	78.25336	0	21.74664	10.64195	11.10469	29.72997	9
1720.47	1723.97	1362.97	62.2103	20.65014	61.69109	62.38731	81.79307	0	18.20693	15.53539	2.671536	30.16197	9
1720.475	1723.975	1362.975	63.94494	55.04383	63.54373	63.93314	70.95941	0	29.04059	14.49763	14.54296	30.19313	9
1720.48	1723.98	1362.98	68.39363	98.6556	65.64417	63.68533	74.5115	0	25.4885	19.94885	5.539655	31.48783	9
1720.485	1723.985	1362.985	69.79786	91.08063	67.80362	66.02178	69.19983	0	30.80017	17.8455	12.95468	31.16526	9
1720.49	1723.99	1362.99	71.56789	98.29356	69.83326	71.06048	63.81392	0.272871	35.91321	14.11532	21.79788	30.4262	9
1720.495	1723.995	1362.995	69.92766	86.1931	68.81844	69.30225	63.4043	0.209339	36.38636	19.62712	16.75924	30.64551	9
1720.5	1724	1363	69.66806	82.85121	68.53523	67.2018	64.63478	0	35.36522	13.66575	21.69948	31.16912	9
1720.505	1724.005	1363.005	72.25231	76.79402	71.30829	72.0753	62.25987	0.136625	37.6035	26.15465	11.44885	30.76568	9
1720.51	1724.01	1363.01	70.84808	120.6703	71.59149	69.59725	39.85608	5.561455	54.58247	20.65484	33.92763	27.72864	9
1720.515	1724.015	1363.015	69.95126	129.7909	68.80664	61.40789	53.10626	3.104279	43.78946	21.01194	22.77752	29.46707	9
1720.52	1724.02	1363.02	66.57639	58.19079	65.77398	64.38155	70.88628	0	29.11372	19.04868	10.06504	30.70722	9
1720.525	1724.025	1363.025	66.35219	55.57297	66.04538	66.30499	67.88508	0	32.11492	21.27479	10.84014	30.33589	9
1720.53	1724.03	1363.03	67.85082	80.26124	68.07502	63.56733	56.41644	1.353878	42.22968	22.51198	19.7177	30.41387	9
1720.535	1724.035	1363.035	67.98062	83.36641	66.8714	61.04208	65.87963	0	34.12037	12.51157	21.6088	31.94171	9
1720.54	1724.04	1363.04	69.05444	77.81051	67.99242	65.37277	65.87044	0	34.12956	8.997567	25.13199	31.29739	9
1720.545	1724.045	1363.045	69.27865	87.39062	68.57063	65.23116	60.60223	0.775933	38.62184	13.6248	24.99704	30.77084	9
1720.55	1724.05	1363.05	72.66532	122.7033	72.33491	67.2254	46.01435	4.329392	49.65625	29.32866	20.32759	28.69992	9
1720.555	1724.055	1363.055	74.02234	153.3374	75.50918	80.50068	23.26886	10.15911	66.57204	39.21069	27.36135	26.19559	9
1720.56	1724.06	1363.06	75.15517	134.3721	75.79238	77.92822	33.40079	7.57162	59.02759	31.9452	27.08239	26.78161	9
1720.565	1724.065	1363.065	78.67164	178.9029	79.98147	80.46528	14.17643	13.48326	72.34031	49.29497	23.04534	27.57466	9
1720.57	1724.07	1363.07	80.63048	149.2853	79.88707	78.88404	35.45437	7.06365	57.48198	36.08514	21.39684	27.38643	10
1720.575	1724.075	1363.075	84.11155	208.0192	83.88735	82.74272	14.01431	13.53628	72.44941	54.75291	17.69649	27.61019	10
1720.58	1724.08	1363.08	90.58989	148.4081	91.65191	91.4159	12.51188	17.96991	69.51821	60.2562	9.262008	28.46634	10
1720.585	1724.085	1363.085	95.43978	98.39103	96.1006	97.28062	23.26346	16.69982	60.03671	37.79405	22.24267	27.9495	10
1720.59	1724.09	1363.09	97.23342	87.85013	97.52843	97.63463	26.99922	15.46014	57.54063	33.13512	24.40551	28.23391	10
1720.595	1724.095	1363.095	97.54023	92.38954	98.03584	99.28666	24.06374	17.27008	58.66618	39.91099	18.75519	27.92966	10
1720.6	1724.1	1363.1	99.88848	102.3735	99.42827	100.3369	26.89485	13.83394	59.27122	27.21597	32.05524	28.14298	10
1720.605	1724.105	1363.105	97.38682	95.85676	97.87063	99.49907	23.45726	17.28639	59.25635	45.34642	13.90993	27.85224	10
1720.61	1724.11	1363.11	91.80531	150.1904	92.78473	90.05887	11.60252	18.69664	69.70084	59.4442	10.25664	28.9919	10
1720.615	1724.115	1363.115	89.28006	136.5861	89.19746	85.61018	25.44867	11.48481	63.06652	40.90156	22.16496	28.47606	10
1720.62	1724.12	1363.12	86.17659	112.4827	84.22955	81.7751	48.58628	2.332	49.08172	27.07823	22.00349	29.64204	10
1720.625	1724.125	1363.125	83.19113	70.17984	81.5627	80.42988	59.10099	0	40.89901	10.01185	30.88716	31.41163	10
1720.63	1724.13	1363.13	83.82835	69.40007	84.04075	83.55694	44.43697	5.398737	50.16429	18.13323	32.03106	29.32528	10
1720.635	1724.135	1363.135	90.76689	158.2528	91.3333	93.24494	13.8076	16.55997	69.63243	48.59187	21.04056	27.87754	10
1720.64	1724.14	1363.14	89.19746	78.86878	89.35086	90.21228	37.66322	8.485017	53.85176	24.80637	29.04539	28.58576	9
1720.645	1724.145	1363.145	81.4565	76.32058	81.03169	78.81324	49.88271	3.182857	46.93443	18.4187	28.51573	30.01332	9
1720.65	1724.15	1363.15	75.62718	87.30707	74.81296	75.17877	55.60487	1.639239	42.7559	14.75692	27.99897	29.73018	9
1720.655	1724.155	1363.155	71.9101	51.49307	71.60329	71.9101	63.75913	0	36.24087	6.818766	29.4221	30.87513	9
1720.66	1724.16	1363.16	73.55033	61.53269	73.20813	73.92794	60.09489	0.362411	39.5427	11.38385	28.15885	30.81151	9
1720.665	1724.165	1363.165	72.90132	59.93136	72.16971	70.62387	64.09741	0	35.90259	24.35346	11.54913	31.2169	9
1720.67	1724.17	1363.17	75.86318	89.06157	74.68316	73.93974	57.79816	1.092935	41.1089	26.42803	14.68087	30.25382	9
1720.675	1724.175	1363.175	77.29101	91.10848	75.82778	71.7803	58.18405	0.878928	40.93702	23.91368	17.02334	30.99138	9
1720.68	1724.18	1363.18	78.35303	97.05427	76.20539	73.68014	61.07232	0	38.92768	15.62229	23.30539	31.16876	9
1720.685	1724.185	1363.185	81.06709	89.06157	79.65106	75.96938	54.8396	1.423986	43.73641	18.4906	25.24581	30.7159	9
1720.69	1724.19	1363.19	78.82504	64.30368	77.70402	76.01659	60.6074	0.045244	39.34736	22.92957	16.41779	31.64153	9
1720.695	1724.195	1363.195	86.448	57.96799	86.70761	86.5896	44.42764	6.01184	49.56052	34.19225	15.36826	29.51334	9
1720.7	1724.2	1363.2	91.68731	48.86132	91.78171	93.45734	43.09162	7.672329	49.23605	16.0816	33.15445	29.2819	9
1720.705	1724.205	1363.205	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1721	1724.5	1363.5	113.4234	226.0376	112.9631	108.1958	0	36.61939	63.38061	63.38061	0	-9999	9
1721.005	1724.505	1363.505	108.1014	187.1184	108.1014	105.6942	0	31.77943	68.22057	68.22057	0	-9999	9
1721.01	1724.51	1363.51	104.9626	145.9156	104.054	99.13326	15.16465	17.29961	67.53575	42.67542	24.86033	29.36493	9
1721.015	1724.515	1363.515	101.5287	154.3121	100.5965	98.64945	16.47475	15.26315	68.26209	53.98856	14.27353	28.74105	9

1721.02	1724.52	1363.52	98.08304	128.0086	97.50483	94.75537	23.26667	13.56447	63.16887	37.81489	25.35398	28.68412	9
1721.025	1724.525	1363.525	95.84099	120.0159	95.10938	96.51361	28.45246	10.83296	60.71459	42.71885	17.99574	27.96542	9
1721.03	1724.53	1363.53	91.93511	109.7674	90.41288	89.79927	40.65328	4.835683	54.51104	37.92949	16.58155	28.9454	9
1721.035	1724.535	1363.535	92.40712	142.3788	91.1445	90.12968	30.31514	8.295003	61.38986	38.65539	22.73447	28.13697	9
1721.04	1724.54	1363.54	94.77897	121.4501	94.15356	93.62255	28.25937	10.91341	60.82722	34.08173	26.74549	28.26217	9
1721.045	1724.545	1363.545	92.72573	99.04548	92.12392	92.53693	35.38737	8.46398	56.14865	33.07198	23.07667	28.46665	9
1721.05	1724.55	1363.55	92.91453	92.43131	92.32452	92.48972	36.72285	8.16502	55.11213	34.94254	20.16959	28.66399	9
1721.055	1724.555	1363.555	92.66673	67.39493	91.95871	91.4513	43.92415	5.813522	50.26233	23.20402	27.05831	29.68196	9
1721.06	1724.56	1363.56	94.10636	70.80645	93.53995	91.1799	40.67668	7.431142	51.89218	28.93215	22.96003	29.68793	9
1721.065	1724.565	1363.565	93.17414	49.8082	93.43374	94.73177	40.21427	9.498316	50.28742	35.7268	14.56061	29.04892	9
1721.07	1724.57	1363.57	91.92331	80.40048	92.80833	94.10636	29.11475	13.63389	57.25136	38.76907	18.48229	28.11417	9
1721.075	1724.575	1363.575	95.34538	168.9608	95.02678	87.23862	13.86294	16.04564	70.09142	52.59321	17.49821	29.69502	9
1721.08	1724.58	1363.58	88.97325	122.8147	90.31848	80.47708	17.99793	16.18419	65.81788	49.10894	16.70894	30.04007	9
1721.085	1724.585	1363.585	85.86979	57.95407	85.40958	84.27676	50.54153	3.315882	46.14258	18.25399	27.88859	30.42921	9
1721.09	1724.59	1363.59	86.74301	46.25743	87.00261	86.566	46.9902	5.371444	47.63836	18.79828	28.84008	30.02171	9
1721.095	1724.595	1363.595	91.71091	77.89406	91.81711	95.59319	35.95254	9.700027	54.34744	35.54929	18.79815	28.00258	9
1721.1	1724.6	1363.6	95.01498	83.17147	96.60801	98.82645	20.11272	20.52976	59.35751	31.26792	28.08959	27.79662	9
1721.105	1724.605	1363.605	91.88791	41.39775	92.51332	92.74933	40.59792	9.748354	49.65373	21.46807	28.18566	29.32248	9
1721.11	1724.61	1363.61	89.10305	41.82942	89.55146	89.62227	44.4273	7.115424	48.45728	17.11017	31.34711	29.73377	9
1721.115	1724.615	1363.615	90.30668	46.95366	91.91151	92.63133	33.11761	13.33196	53.55042	35.35034	18.20008	28.62493	9
1721.12	1724.62	1363.62	87.06161	39.03058	87.81683	89.97627	44.605	6.861642	48.53336	30.40153	18.13183	29.3589	9
1721.125	1724.625	1363.625	85.05557	46.2435	85.53938	88.22984	46.80842	5.278284	47.9133	17.23764	30.67566	29.36902	9
1721.13	1724.63	1363.63	86.04679	68.62029	84.80777	82.51852	53.83329	1.570576	44.59614	22.43177	22.16437	31.00243	9
1721.135	1724.635	1363.635	86.2828	43.61176	85.61018	82.91973	55.27854	1.793849	42.92761	16.55114	26.37647	31.6928	9
1721.14	1724.64	1363.64	83.69854	22.892	83.16753	81.4801	61.57281	0	38.42719	19.59009	18.8371	32.85553	9
1721.145	1724.645	1363.645	81.05529	21.97298	81.03169	80.04047	60.29458	0.442739	39.26268	21.29975	17.96294	32.37235	9
1721.15	1724.65	1363.65	81.7869	19.45263	81.4565	80.89009	62.60916	0	37.39084	16.05065	21.34018	32.42893	9
1721.155	1724.655	1363.655	83.52154	35.1317	83.09673	81.5273	57.95058	1.058628	40.99079	14.89575	26.09504	31.94049	9
1721.16	1724.66	1363.66	84.60716	40.84077	83.79295	83.62774	58.58812	0.625791	40.78609	12.35534	28.43075	31.77497	9
1721.165	1724.665	1363.665	85.62198	46.15996	85.86979	86.76661	48.13658	4.766525	47.0969	28.20581	18.89109	29.88218	9
1721.17	1724.67	1363.67	84.51276	22.892	84.68976	85.04377	55.33662	2.450551	42.21283	20.19777	22.01506	31.35198	9
1721.175	1724.675	1363.675	85.66918	25.70476	85.94059	86.2828	52.86041	3.488155	43.65144	16.69155	26.95989	30.94495	9
1721.18	1724.68	1363.68	87.48642	28.3922	87.54542	88.66645	52.18432	3.816863	43.99882	23.70801	20.2908	30.72209	9
1721.185	1724.685	1363.685	91.4749	78.00545	89.98807	89.36266	48.48871	2.714365	48.79693	22.32527	26.47166	30.15539	9
1721.19	1724.69	1363.69	96.77321	123.0375	94.29516	92.17112	40.39846	2.202278	57.39926	32.25141	25.14786	29.56715	9
1721.195	1724.695	1363.695	94.88517	106.0913	93.28034	92.11212	39.469	5.047045	55.48396	26.4577	29.02626	29.19198	9
1721.2	1724.7	1363.7	91.06189	37.31785	91.00289	91.2153	47.6494	5.843199	46.50741	18.3273	28.18011	30.22356	9
1721.205	1724.705	1363.705	91.89971	44.04342	90.87309	89.55146	52.75007	2.50256	44.74737	23.63144	21.11593	31.31945	9
1721.21	1724.71	1363.71	91.56931	61.26812	90.64889	90.33028	48.0626	3.99393	47.94347	19.77188	28.17159	30.1972	9
1721.215	1724.715	1363.715	90.03527	78.39534	89.89367	90.89669	39.2933	7.709126	52.99758	24.79234	28.20524	28.71179	9
1721.22	1724.72	1363.72	92.58413	83.90947	92.12392	90.75509	38.08313	8.021638	53.89523	34.70651	19.18871	29.10166	9
1721.225	1724.725	1363.725	91.95871	73.74454	91.1563	90.12968	43.77053	5.505652	50.72381	26.30669	24.41713	29.67047	9
1721.23	1724.73	1363.73	93.44554	99.95058	91.78171	90.34208	42.73677	3.956872	53.30635	35.19189	18.11447	29.51885	9
1721.235	1724.735	1363.735	90.24768	79.82957	89.20926	88.56024	45.70114	4.27428	50.02458	25.06817	24.9564	29.67734	9
1721.24	1724.74	1363.74	93.53995	117.7044	92.92633	93.51635	30.21428	10.0733	59.71242	33.56417	26.14825	28.08034	9
1721.245	1724.745	1363.745	98.86186	164.0872	95.9944	90.61349	31.56081	2.989454	65.44974	41.4064	24.04333	29.52584	9
1721.25	1724.75	1363.75	101.9889	198.7454	99.12146	95.959	20.29661	5.31426	74.38913	41.77915	32.60998	29.19337	9
1721.255	1724.755	1363.755	109.9305	130.6403	109.7299	108.0896	8.803676	28.33304	62.86329	55.82187	7.041414	28.39274	10
1721.26	1724.76	1363.76	113.8954	251.4639	118.0136	122.7101	0	100	0	0	0	-9999	10
1721.265	1724.765	1363.765	121.0699	114.5853	122.9816	123.9138	0	90.84421	9.155788	9.155788	0	-9999	10
1721.27	1724.77	1363.77	118.4031	66.65693	119.0639	119.0167	9.816906	53.4267	36.75639	23.56197	13.19442	24.56105	10
1721.275	1724.775	1363.775	117.0106	83.7563	117.1522	118.5211	10.98377	42.30475	46.71148	29.38667	17.3248	25.69209	10
1721.28	1724.78	1363.78	117.2466	98.18216	117.6832	117.99	4.989295	48.63803	46.37268	38.44933	7.923341	-9999	10
1721.285	1724.785	1363.785	116.9044	88.50458	117.1994	116.3498	8.743522	44.84879	46.40769	40.50247	5.905214	26.04844	10
1721.29	1724.79	1363.79	116.2082	93.22501	116.279	117.2938	9.979281	40.09749	49.92322	38.0837	11.83953	26.19183	10
1721.295	1724.795	1363.795	115.4412	97.59733	115.7834	114.745	7.523442	42.86263	49.61393	40.97966	8.634266	-9999	10
1721.3	1724.8	1363.8	113.388	85.16268	113.683	115.3704	12.78742	37.06541	50.14718	32.02011	18.12706	26.3111	10
1721.305	1724.805	1363.805	113.7538	68.96841	113.7538	113.801	18.65619	32.67103	48.67279	28.06043	20.61235	26.68186	10
1721.31	1724.81	1363.81	114.0606	71.86472	114.6506	114.1668	13.10042	41.66256	45.23702	34.2153	11.02172	26.11461	10
1721.315	1724.815	1363.815	114.5208	89.95274	115.0872	116.5268	8.482632	43.58455	47.93282	45.20656	2.726256	25.98613	10
1721.32	1724.82	1363.82	115.6772	96.59476	116.4796	118.1199	3.982316	50.38537	45.63231	41.58132	4.050996	-9999	10
1721.325	1724.825	1363.825	114.6388	79.69033	115.1344	115.4176	11.40628	42.1314	46.46231	38.45992	8.002395	26.03833	10
1721.33	1724.83	1363.83	115.158	59.51362	115.6064	116.279	16.17718	41.244	42.57882	28.46566	14.11316	25.63131	10
1721.335	1724.835	1363.835	116.6212	84.17404	116.987	116.338	9.503351	45.02311	45.47354	31.66941	13.80413	25.9218	10
1721.34	1724.84	1363.84	114.1196	86.10956	114.332	114.9928	12.52535	37.43971	50.03494	42.57579	7.459143	26.43985	10
1721.345	1724.845	1363.845	113.329	94.31113	113.4234	115.4058	12.18246	34.87998	52.93757	28.6063	24.33126	26.56105	10
1721.35	1724.85	1363.85	109.1753	104.4761	109.5175	108.9629	11.62344	31.41849	56.95807	35.42936	21.5287	27.62286	10
1721.355	1724.855	1363.855	108.9393	97.12389	108.8567	109.0101	16.91206	25.98826	57.09968	32.87969	24.21999	27.62018	10
1721.36	1724.86	1363.86	108.5381	87.41847	108.9865	109.1163	15.51455	30.38299	54.10246	41.91882	12.18364	27.30906	10
1721.365	1724.865	1363.865	107.9952	83.64491	108.3374	108.8803	17.7502	28.15798	54.09182	43.32108	10.77074	27.32864	10
1721.37	1724.87	1363.87	107.7946	86.26273	107.948	107.7002	18.76448	26.10735	55.12817	30.64313	24.48503	27.61844	10
1721.375	1724.875	1363.875	107.9244	91.65154	108.243	109.2579	16.06064	28.34768	55.59168	37.7343	17.85738	27.32027	10
1721.38	1724.88	1363.88	108.2548	104.2672	108.7977	109.9895	10.96609	32.05961	56.9743	43.32175	13.65254	27.33734	10

1721.385	1724.885	1363.885	107.594	101.6912	107.9126	107.7002	13.93503	28.53118	57.53379	38.21288	19.32092	27.68564	10
1721.39	1724.89	1363.89	106.2488	101.7608	106.473	105.9774	15.8874	25.71511	58.39748	34.63495	23.76253	27.88028	10
1721.395	1724.895	1363.895	101.4343	110.1434	101.9299	102.8385	16.18476	22.5598	61.25544	39.3015	21.95394	27.90397	10
1721.4	1724.9	1363.9	99.02706	123.3439	98.75565	99.08606	21.14928	15.8232	63.02752	40.46726	22.56026	28.10727	10
1721.405	1724.905	1363.905	99.09786	147.1827	98.46065	101.8473	18.15015	15.15871	66.69114	48.64017	18.05096	27.60391	10
1721.41	1724.91	1363.91	98.81465	140.7635	98.69665	104.0894	15.94027	17.81064	66.24909	42.49246	23.75662	27.25801	10
1721.415	1724.915	1363.915	97.87063	162.1795	97.61103	99.08606	12.72352	17.64525	69.63123	58.78338	10.84785	28.12975	10
1721.42	1724.92	1363.92	99.51087	180.0865	99.90028	103.4639	1.851157	24.43878	73.71006	73.71006	0	-9999	10
1721.425	1724.925	1363.925	99.66427	174.1686	99.66427	105.588	6.160081	21.56138	72.27854	61.08722	11.19132	-9999	10
1721.43	1724.93	1363.93	102.7913	193.5376	102.9329	107.0276	0	26.99513	73.00487	73.00487	0	-9999	10
1721.435	1724.935	1363.935	99.14506	180.4485	99.45187	101.8473	2.74025	23.54699	73.71276	69.2594	4.453354	-9999	10
1721.44	1724.94	1363.94	98.13024	129.4985	97.92964	101.0803	19.93622	15.99318	64.0706	40.86172	23.20888	27.57701	10
1721.445	1724.945	1363.945	95.20378	101.0645	95.00318	97.18622	29.50958	11.99776	58.49266	30.86656	27.6261	27.89818	10
1721.45	1724.95	1363.95	91.64011	115.1284	91.1327	94.00016	31.76247	9.444744	58.79279	41.87098	16.92181	27.64604	10
1721.455	1724.955	1363.955	91.3097	105.0748	90.74329	89.90547	34.95666	8.354248	56.68909	33.19508	23.49401	28.55187	10
1721.46	1724.96	1363.96	92.24192	98.41888	92.06492	91.01469	32.69184	10.11358	57.19458	26.35815	30.83643	28.56279	10
1721.465	1724.965	1363.965	91.56931	98.80877	90.92029	89.51606	36.87437	7.694189	55.43144	31.45878	23.97266	28.84692	10
1721.47	1724.97	1363.97	89.92907	142.9497	89.57506	86.70761	25.41499	11.14763	63.43737	38.38567	25.0517	28.29678	10
1721.475	1724.975	1363.975	87.66342	119.2222	86.3418	84.37116	40.74049	5.117155	54.14236	34.76996	19.3724	28.77203	10
1721.48	1724.98	1363.98	83.86375	113.0954	82.88433	82.37692	43.06678	4.808609	52.12461	36.57638	15.54823	28.51584	10
1721.485	1724.985	1363.985	80.68948	68.57852	80.01687	80.47708	54.38243	1.807941	43.80963	23.75161	20.05801	30.22344	10
1721.49	1724.99	1363.99	77.47982	42.67881	77.98723	78.60084	54.45787	1.888571	43.65356	14.1153	29.53826	30.52353	10
1721.495	1724.995	1363.995	78.04623	30.52266	78.55364	79.55666	56.87856	1.269332	41.85211	25.21102	16.64109	31.08913	10
1721.5	1725	1364	78.31763	33.61392	78.62444	79.00205	57.43546	1.104815	41.45972	19.36972	22.09	31.25086	10
1721.505	1725.005	1364.005	78.06983	28.71247	78.76604	79.94607	55.83168	1.598405	42.56991	21.21992	21.35	30.92267	10
1721.51	1725.01	1364.01	75.46197	23.78317	75.81598	76.642	62.0759	0	37.9241	8.43904	29.48506	31.54923	10
1721.515	1725.015	1364.015	78.97845	21.51346	78.64804	78.30583	64.69422	0	35.30578	21.83891	13.46687	31.67096	10
1721.52	1725.02	1364.02	77.49162	24.84144	77.09041	76.8426	65.80545	0	34.19455	11.37463	22.81992	31.29298	10
1721.525	1725.025	1364.025	78.18783	23.58823	77.77482	76.46499	65.55966	0	34.44034	23.92154	10.5188	31.59243	10
1721.53	1725.03	1364.03	80.22927	103.5292	78.50644	77.81022	54.48698	1.54151	43.97151	20.49679	23.47472	29.76589	10
1721.535	1725.035	1364.035	102.1423	578.3014	98.94446	99.03886	0	28.7807	71.2193	71.2193	0	-9999	10
1721.54	1725.04	1364.04	96.56081	431.3833	93.89395	89.43346	0	22.04331	77.95669	77.95669	0	-9999	10
1721.545	1725.045	1364.045	95.19198	385.9474	92.32452	86.10579	0	17.97951	82.02049	82.02049	0	-9999	10
1721.55	1725.05	1364.05	94.54297	384.9866	94.08276	89.36266	0	29.41014	70.58986	70.58986	0	-9999	10
1721.555	1725.055	1364.055	99.35747	231.8302	100.1953	100.7499	0	30.82679	69.17321	69.17321	0	-9999	10
1721.56	1725.06	1364.06	96.3956	265.0821	97.78803	96.74961	0	33.21689	66.78311	66.78311	0	-9999	10
1721.565	1725.065	1364.065	96.83221	171.9963	96.72601	96.3366	10.11432	18.44803	71.43765	57.53998	13.89767	28.62833	10
1721.57	1725.07	1364.07	95.959	144.8713	96.97382	97.90604	8.79402	22.36687	68.83911	56.26226	12.57685	28.51663	10
1721.575	1725.075	1364.075	95.03858	168.7658	96.0062	95.18018	4.224128	22.7901	72.98578	69.54566	3.440113	-9999	10
1721.58	1725.08	1364.08	90.73149	197.8682	91.87611	93.84675	0	21.7959	78.2041	78.2041	0	-9999	10
1721.585	1725.085	1364.085	89.19746	133.5784	88.92605	90.44828	27.71575	10.49667	61.78757	35.56363	26.22395	27.53543	10
1721.59	1725.09	1364.09	88.66645	153.8804	88.44224	85.79899	22.92539	11.79887	65.27575	34.74868	30.52707	28.14459	10
1721.595	1725.095	1364.095	89.31546	150.7196	89.46886	86.04679	20.16677	13.40099	66.43224	37.00796	29.42428	28.46306	10
1721.6	1725.1	1364.1	91.0737	142.5876	90.89669	95.93539	23.07777	12.44417	64.47806	33.47782	31.00024	26.9279	10
1721.605	1725.105	1364.105	90.73149	170.1444	89.98807	96.96202	21.11357	11.74836	67.13807	50.01837	17.1197	26.36736	10
1721.61	1725.11	1364.11	91.56931	146.8346	92.05312	95.56959	16.47274	15.97838	67.54888	42.10691	25.44198	27.47297	10
1721.615	1725.115	1364.115	91.06189	117.8019	90.97929	82.32972	28.35516	11.1734	60.47143	42.93001	17.54142	29.63974	10
1721.62	1725.12	1364.12	85.24438	128.1339	84.52456	76.76	36.14533	7.004015	56.85065	33.40937	23.44129	29.28275	10
1721.625	1725.125	1364.125	80.90189	117.6209	79.28525	75.85138	49.63492	2.836151	47.52893	18.918	28.61093	29.41366	10
1721.63	1725.13	1364.13	76.9252	99.65816	75.43837	74.11675	56.63447	1.359459	42.00607	29.94263	12.06344	30.02295	10
1721.635	1725.135	1364.135	77.92822	71.36343	76.642	72.45291	61.00434	0.007854	38.98781	26.63992	12.34789	31.96376	10
1721.64	1725.14	1364.14	75.59178	52.35639	75.55638	73.78634	58.05967	0.806312	41.13401	10.74954	30.38448	31.23407	10
1721.645	1725.145	1364.145	75.47377	42.24715	75.55638	76.7482	59.70015	0.32903	39.97082	25.06597	14.90484	31.17296	10
1721.65	1725.15	1364.15	72.94852	34.57471	73.05472	71.9691	63.69721	0	36.30279	22.97621	13.32657	31.2643	10
1721.655	1725.155	1364.155	68.79484	49.82212	68.66503	67.35521	65.65777	0	34.34223	5.515758	28.82647	30.79184	10
1721.66	1725.16	1364.16	68.19302	59.13766	67.24901	63.66173	70.26725	0	29.73275	10.57095	19.16179	31.15641	10
1721.665	1725.165	1364.165	68.31103	61.60231	68.14582	63.44933	63.52642	0	36.47358	6.481869	29.99171	31.59669	10
1721.67	1725.17	1364.17	67.80362	73.43819	66.74159	60.47567	68.0793	0	31.9207	11.19087	20.72983	31.83742	10
1721.675	1725.175	1364.175	66.9304	68.63422	65.90378	61.44329	69.77087	0	30.22913	12.22422	18.00491	31.41829	10
1721.68	1725.18	1364.18	66.74159	67.47848	65.30197	62.41091	73.42507	0	26.57493	10.28835	16.28658	31.19405	10
1721.685	1725.185	1364.185	65.32557	64.58217	63.40213	61.45509	79.17825	0	20.82175	20.82175	0	31.37867	10
1721.69	1725.19	1364.19	65.07776	49.33476	63.73253	61.64389	78.61496	0	21.38504	14.91914	6.465901	31.04726	10
1721.695	1725.195	1364.195	65.91558	48.24864	64.81816	62.82391	76.18652	0	23.81348	19.05929	4.75419	30.83596	10
1721.7	1725.2	1364.2	66.41119	51.06141	66.06898	62.37551	69.19695	0	30.80305	24.13576	6.667289	30.99018	10
1721.705	1725.205	1364.205	67.37881	50.4348	67.1546	63.81513	67.54386	0	32.45614	9.518484	22.93766	30.99835	10
1721.71	1725.21	1364.21	69.30225	63.85809	68.96004	64.00394	63.44038	0	36.55962	17.46734	19.09228	31.73885	10
1721.715	1725.215	1364.215	71.08408	68.11901	71.22569	67.44961	57.02042	1.091183	41.8884	21.69093	20.19747	30.835	10
1721.72	1725.22	1364.22	71.7685	47.02328	71.8275	70.69468	62.13609	0	37.86391	21.33624	16.52767	31.29343	10
1721.725	1725.225	1364.225	72.20511	33.59999	71.7567	70.64748	68.91527	0	31.08473	21.78666	9.298069	30.73984	10
1721.73	1725.23	1364.23	74.25835	33.53037	74.17575	73.10193	64.20813	0	35.79187	6.015406	29.77646	31.32978	10
1721.735	1725.235	1364.235	75.36757	51.24243	74.71856	73.95154	63.29102	0	36.70898	20.73061	15.97837	31.28436	10
1721.74	1725.24	1364.24	77.56242	47.59419	76.4886	74.90736	65.4469	0	34.5531	12.42399	22.1291	31.16354	10
1721.745	1725.245	1364.245	78.40023	64.05303	77.73942	76.02839	57.49226	0.968754	41.53899	27.11938	14.41961	31.05901	10

1721.75	1725.25	1364.25	83.30914	90.94138	81.94031	78.49464	51.9562	2.085855	45.95795	28.20591	17.75203	30.37424	10
1721.755	1725.255	1364.255	85.13817	107.5812	84.77237	83.73394	38.47323	6.699392	54.82738	31.32269	23.50469	28.45054	10
1721.76	1725.26	1364.26	87.30942	78.54851	86.94361	87.51002	43.5016	5.59259	50.90581	31.38386	19.52194	29.05389	10
1721.765	1725.265	1364.265	90.42468	70.93177	90.80229	93.02074	36.71734	9.614491	53.66817	32.02325	21.64491	28.36533	10
1721.77	1725.27	1364.27	91.5103	66.71263	92.02951	91.5457	35.64218	10.69046	53.66736	28.04204	25.62532	28.84073	10
1721.775	1725.275	1364.275	92.87913	63.74669	93.20954	94.43676	36.56385	10.57503	52.86112	37.24313	15.61799	28.63008	10
1721.78	1725.28	1364.28	94.34236	70.08237	94.38956	95.33358	35.87929	10.61831	53.50241	25.03329	28.46912	28.61913	10
1721.785	1725.285	1364.285	94.95597	84.07657	95.45159	95.49879	28.45299	14.40181	57.1452	31.60042	25.54477	28.29593	10
1721.79	1725.29	1364.29	95.05038	65.44549	95.08578	96.44281	36.44149	10.74287	52.81564	19.73505	33.08059	28.62224	10
1721.795	1725.295	1364.295	96.1832	69.81781	96.2186	97.56383	34.34119	11.87282	53.78599	32.60038	21.18561	28.45069	10
1721.8	1725.3	1364.3	96.58441	86.59692	97.30422	98.31904	24.60733	17.3181	58.07458	30.03055	28.04403	27.98464	10
1721.805	1725.305	1364.305	98.68485	93.46173	99.31026	100.4195	21.74525	19.31505	58.93971	37.38124	21.55847	27.88153	10
1721.81	1725.31	1364.31	101.1629	88.26786	101.2809	101.3517	24.65479	18.00299	57.34222	29.05072	28.2915	28.10834	10
1721.815	1725.315	1364.315	105.8122	86.75009	105.6588	106.2606	22.84813	20.67621	56.47566	25.6458	30.82986	27.83143	10
1721.82	1725.32	1364.32	109.5057	154.3678	108.7623	106.237	7.659239	23.54725	68.79351	65.36582	3.427691	-9999	10
1721.825	1725.325	1364.325	112.2315	142.4901	112.1607	114.5444	2.813088	34.10677	63.08014	62.6927	0.387444	-9999	10
1721.83	1725.33	1364.33	114.8276	133.9405	114.8158	115.394	2.036483	38.87455	59.08897	59.08897	0	-9999	10
1721.835	1725.335	1364.335	115.1108	110.2269	115.689	117.4236	2.942018	46.4918	50.56618	50.56618	0	-9999	10
1721.84	1725.34	1364.34	119.4179	95.2023	119.7011	118.5211	4.901751	51.36259	43.73566	43.73566	0	-9999	10
1721.845	1725.345	1364.345	123.194	89.39575	123.5244	123.194	2.467136	63.01229	34.52058	34.52058	0	-9999	10
1721.85	1725.35	1364.35	130.8287	87.23745	131.4541	132.6577	0	100	0	0	0	-9999	10
1721.855	1725.355	1364.355	138.2275	87.23745	139.0181	137.6139	0	100	0	0	0	-9999	10
1721.86	1725.36	1364.36	140.1981	97.6391	141.1539	140.8235	0	100	0	0	0	-9999	10
1721.865	1725.365	1364.365	141.8619	112.2321	143.2308	146.3578	0	100	0	0	0	-9999	10
1721.87	1725.37	1364.37	144.8356	127.1174	146.1218	145.3784	0	100	0	0	0	-9999	10
1721.875	1725.375	1364.375	145.3076	106.5648	145.9684	146.2634	0	100	0	0	0	-9999	10
1721.88	1725.38	1364.38	145.8622	98.23786	146.4876	147.9273	0	100	0	0	0	-9999	10
1721.885	1725.385	1364.385	146.5348	86.68046	147.4435	147.9745	0	100	0	0	0	-9999	10
1721.89	1725.39	1364.39	145.52	99.69994	146.818	148.5527	0	100	0	0	0	-9999	10
1721.895	1725.395	1364.395	144.4698	75.98639	145.5082	147.0776	0	100	0	0	0	-9999	10
1721.9	1725.4	1364.4	143.4904	80.48403	144.753	145.7796	0	100	0	0	0	-9999	10
1721.905	1725.405	1364.405	142.9358	80.34478	144.3518	146.405	0	100	0	0	0	-9999	10
1721.91	1725.41	1364.41	142.3457	58.19079	143.16	144.9064	0	100	0	0	0	-9999	10
1721.915	1725.415	1364.415	142.5346	52.14752	143.278	144.3872	0	100	0	0	0	-9999	10
1721.92	1725.42	1364.42	143.455	53.37289	144.0214	145.0126	0	100	0	0	0	-9999	10
1721.925	1725.425	1364.425	144.9536	74.02303	145.815	146.0864	0	100	0	0	0	-9999	10
1721.93	1725.43	1364.43	144.3282	82.75373	145.107	146.405	0	100	0	0	0	-9999	10
1721.935	1725.435	1364.435	143.8444	83.83985	144.8002	145.638	0	100	0	0	0	-9999	10
1721.94	1725.44	1364.44	142.924	92.05535	144.0214	146.287	0	100	0	0	0	-9999	10
1721.945	1725.445	1364.445	140.9769	101.5519	141.6849	140.2217	0	100	0	0	0	-9999	10
1721.95	1725.45	1364.45	141.5787	86.52729	142.0743	140.9179	0	100	0	0	0	-9999	10
1721.955	1725.455	1364.455	139.7497	116.674	139.8441	138.2865	0	100	0	0	0	-9999	10
1721.96	1725.46	1364.46	138.0977	86.31842	137.8499	135.8438	0	100	0	0	0	-9999	10
1721.965	1725.465	1364.465	134.2862	96.63653	132.4453	130.1561	7.337164	32.5403	60.12253	45.7335	14.38903	-9999	10
1721.97	1725.47	1364.47	128.1855	104.8799	127.501	126.0968	1.992657	54.42848	43.57887	43.57887	0	-9999	10
1721.975	1725.475	1364.475	125.259	84.18796	125.8254	127.383	0	75.54199	24.45801	24.45801	0	-9999	10
1721.98	1725.48	1364.48	125.1056	69.90135	126.2738	128.8345	0	89.00575	10.99425	10.99425	0	-9999	10
1721.985	1725.485	1364.485	124.02	74.62178	124.6808	124.256	2.721849	72.42299	24.85516	24.85516	0	-9999	10
1721.99	1725.49	1364.49	125.8962	64.38722	126.1794	126.5452	6.398933	69.53245	24.06861	24.06861	0	-9999	10
1721.995	1725.495	1364.495	123.548	58.88702	123.9374	124.669	9.067304	63.44163	27.49107	20.35908	7.131991	22.57112	10
1722	1725.5	1364.5	123.5362	41.69017	123.961	125.6602	12.96544	63.03945	23.99511	19.18267	4.812445	22.02413	10
1722.005	1725.505	1364.505	128.1265	91.99965	129.2593	132.8702	0	100	0	0	0	-9999	10
1722.01	1725.51	1364.51	127.619	87.0425	128.6103	129.9437	0	97.45752	2.54248	2.54248	0	-9999	10
1722.015	1725.515	1364.515	127.2414	82.2246	128.0557	129.3065	0	90.34474	9.655258	9.655258	0	-9999	10
1722.02	1725.52	1364.52	126.3682	72.07359	126.321	122.7337	6.665237	63.33692	29.99784	20.7889	9.208942	-9999	10
1722.025	1725.525	1364.525	125.1056	87.55771	124.6808	122.8871	7.006155	51.39528	41.59857	34.36938	7.22918	-9999	10
1722.03	1725.53	1364.53	123.9846	61.10102	123.8784	122.6629	11.97081	53.79956	34.22962	22.79156	11.43806	23.87946	10
1722.035	1725.535	1364.535	122.1083	85.88676	122.0375	122.5213	7.424448	51.0332	41.54235	41.54235	0	-9999	10
1722.04	1725.54	1364.54	122.8871	77.58772	122.3561	121.5773	12.28293	42.88846	44.82861	31.68744	13.14117	25.37932	10
1722.045	1725.545	1364.545	123.8902	59.47185	124.3268	124.1852	8.245137	65.72928	26.02559	11.52928	14.49631	22.47202	10
1722.05	1725.55	1364.55	120.4209	63.96949	120.7867	120.9873	10.89715	53.56454	35.53831	33.00258	2.53573	24.16457	10
1722.055	1725.555	1364.555	114.863	106.1331	115.276	119.0167	5.441031	43.21052	51.34845	51.34845	0	-9999	10
1722.06	1725.56	1364.56	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1722.155	1726.661	1365.661	83.92275	21.70841	84.43016	84.08795	53.60521	3.136625	43.25817	25.84762	17.41055	31.17124	10
1722.16	1726.666	1365.666	86.92001	24.43762	87.13241	87.48642	52.47355	3.820542	43.70591	31.98633	11.71957	30.92194	10
1722.165	1726.672	1365.672	92.73753	37.33178	92.87913	92.94993	44.54976	7.786185	47.66405	32.21166	15.4524	29.84388	10
1722.17	1726.677	1365.677	94.94417	38.59891	94.82617	94.82617	44.22494	8.044946	47.73011	24.04681	23.68331	29.85587	10
1722.175	1726.683	1365.683	95.84099	40.61798	95.54599	94.49577	44.28303	7.828257	47.88871	15.92124	31.96747	30.076	10
1722.18	1726.688	1365.688	94.70817	26.10857	94.63737	94.27156	47.09892	7.289818	45.61126	19.19124	26.42002	30.40017	10
1722.185	1726.694	1365.694	96.67881	26.26174	96.74961	96.2894	44.15144	9.517957	46.3306	21.8669	24.46371	29.98926	10
1722.19	1726.699	1365.699	98.26004	36.91404	98.41345	97.38682	39.47869	12.05108	48.47023	20.45502	28.01521	29.44326	10
1722.195	1726.705	1365.705	98.80285	32.93161	98.61405	97.74083	42.59515	10.07155	47.33329	29.23615	18.09715	29.85974	10
1722.2	1726.71	1365.71	102.7913	55.79576	102.6261	103.2279	33.20972	15.2959	51.49438	33.13823	18.35615	28.4644	10

1722.205	1726.716	1365.716	100.4667	44.26622	100.6201	100.5493	35.66935	14.59564	49.73501	19.44736	30.28765	28.80565		10
1722.21	1726.721	1365.721	99.56987	39.75465	99.56987	98.99166	38.77509	12.4046	48.82031	16.44935	32.37096	29.27873		10
1722.215	1726.727	1365.727	97.70543	34.86713	97.85883	97.88243	40.48428	11.43267	48.08305	27.76674	20.31631	29.379		10
1722.22	1726.732	1365.732	96.98562	32.09614	96.85581	96.85581	44.01194	8.981553	47.00651	34.17453	12.83198	29.88304		10
1722.225	1726.738	1365.738	95.54599	35.21524	95.88819	96.49001	40.9235	10.75039	48.32612	22.65156	25.67455	29.32022		10
1722.23	1726.743	1365.743	91.2625	32.24931	91.4985	92.18292	46.40513	6.919323	46.67555	19.41413	27.26142	29.98779		10
1722.235	1726.749	1365.749	93.82315	32.68097	93.92935	93.84675	44.95084	8.034087	47.01507	32.87003	14.14504	29.97437		10
1722.24	1726.754	1365.754	97.89424	43.22187	97.78803	97.32782	40.30068	10.56498	49.13434	24.36129	24.77305	29.45257		10
1722.245	1726.76	1365.76	94.87337	28.85171	94.63737	95.10938	47.56342	6.722909	45.71367	22.91127	22.8024	30.314		10
1722.25	1726.765	1365.765	93.76415	44.69788	93.77595	93.31574	42.82864	8.332282	48.83907	28.34667	20.4924	29.69783		10
1722.255	1726.771	1365.771	97.03282	120.5729	98.61405	98.80285	9.296621	25.412	65.29138	46.57169	18.71969	28.53267		10
1722.26	1726.776	1365.776	95.06218	79.34221	96.1478	97.32782	24.92841	17.43798	57.63362	33.33226	24.30136	27.98529		10
1722.265	1726.782	1365.782	94.96778	87.12605	95.78199	96.59621	25.23496	16.3613	58.40373	33.29422	25.10952	28.04443		10
1722.27	1726.787	1365.787	96.79681	67.91014	97.16262	96.70241	31.67767	14.15343	54.1689	19.77406	34.39485	28.57274		10
1722.275	1726.793	1365.793	98.35444	62.11752	98.22464	97.18622	35.48744	12.05746	52.45509	37.71805	14.73705	29.0172		10
1722.28	1726.798	1365.798	96.2422	58.71992	96.80861	96.54901	32.85726	14.21174	52.931	26.82244	26.10855	28.629		10
1722.285	1726.804	1365.804	95.46339	59.66679	95.959	95.10938	33.89334	13.18394	52.92271	24.64025	28.28247	28.82041		10
1722.29	1726.809	1365.809	94.59017	42.23323	95.01498	95.23918	39.46434	10.89766	49.63801	25.4393	24.19871	29.19352		10
1722.295	1726.815	1365.815	98.00044	50.92216	98.14204	98.21284	36.41901	12.6969	50.88409	27.54892	23.33517	28.89169		10
1722.3	1726.82	1365.82	98.27184	49.83604	98.29544	99.42827	37.34668	12.11904	50.53428	26.34693	24.18735	28.80053		10
1722.305	1726.826	1365.826	98.64945	54.64002	98.56685	99.93568	36.65978	12.08743	51.25279	18.95435	32.29844	28.69048		10
1722.31	1726.831	1365.831	95.41618	29.64541	95.36898	96.077	45.40873	8.143479	46.44779	25.26501	21.18278	29.93856		10
1722.315	1726.837	1365.837	94.34236	22.892	93.98835	93.71695	50.40872	5.388976	44.2023	21.60422	22.59808	30.9486		10
1722.32	1726.842	1365.842	94.42496	39.23945	93.71695	93.92935	49.1202	4.764346	46.11545	15.67523	30.44023	30.55652		10
1722.325	1726.848	1365.848	93.29214	49.62718	92.61953	93.31574	47.37421	5.075068	47.55072	30.31615	17.23457	30.07105		10
1722.33	1726.853	1365.853	93.95295	48.86132	93.45734	93.78775	45.57982	6.215584	48.2046	35.02017	13.18442	29.90754		10
1722.335	1726.859	1365.859	93.83495	51.49307	93.06794	92.05312	47.15489	5.01279	47.83232	21.14276	26.68955	30.3689		10
1722.34	1726.864	1365.864	94.86157	47.30177	94.15356	93.38654	46.76744	5.531811	47.70075	20.02865	27.6721	30.33616		10
1722.345	1726.87	1365.87	94.14176	54.20836	93.02074	91.00289	48.95909	3.627199	47.41371	27.09604	20.31768	30.84165		10
1722.35	1726.875	1365.875	94.21256	43.33327	93.81135	92.67853	45.94716	6.455898	47.59694	16.23839	31.35855	30.27032		10
1722.355	1726.881	1365.881	94.40136	48.88917	94.15356	92.85553	43.24006	7.717434	49.04251	20.39961	28.6429	29.90164		10
1722.36	1726.886	1365.886	96.46641	64.56824	95.49879	92.25372	43.12445	6.139831	50.73572	19.48746	31.24827	30.27735		10
1722.365	1726.892	1365.892	96.71421	59.58325	96.0298	93.36294	41.90799	7.496032	50.59598	17.09347	33.50251	30.02879		10
1722.37	1726.897	1365.897	96.2186	56.11603	95.54599	94.56657	43.11157	7.045471	49.84296	24.44544	25.39753	29.86714		10
1722.375	1726.903	1365.903	96.1478	57.94015	95.49879	92.60773	42.55236	7.257111	50.19053	29.73198	20.45854	30.13566		10
1722.38	1726.908	1365.908	96.47821	58.94271	96.2422	94.61377	38.80495	9.821423	51.37363	37.03238	14.34125	29.44672		10
1722.385	1726.914	1365.914	97.35142	59.37438	96.59621	93.31574	41.92101	7.445841	50.63315	36.17183	14.46132	30.17239		10
1722.39	1726.919	1365.919	96.53721	51.89688	95.91179	93.30394	43.47367	7.20324	49.32309	35.16966	14.15342	30.24223		10
1722.395	1726.925	1365.925	95.14478	47.84483	94.29516	91.69911	47.47289	4.988104	47.53901	26.65656	20.88245	30.79703		10
1722.4	1726.93	1365.93	94.49577	46.45237	93.87035	92.13572	46.66937	5.7004	47.63023	34.73668	12.89354	30.48614		10
1722.405	1726.936	1365.936	94.86157	39.44831	94.41316	93.64615	46.65603	6.330524	47.01344	29.911	17.10245	30.35248		10
1722.41	1726.941	1365.941	92.94993	45.39411	92.25372	91.4277	48.89635	4.515141	46.58851	24.08384	22.50467	30.60066		10
1722.415	1726.947	1365.947	93.59895	51.53484	92.69033	91.02649	48.45933	4.232043	47.30863	28.5863	18.72233	30.67863		10
1722.42	1726.952	1365.952	94.22436	39.67111	93.85855	93.98835	46.54819	6.392744	47.05907	30.01914	17.03993	30.14566		10
1722.425	1726.958	1365.958	95.959	64.34545	95.03858	92.46612	43.27937	6.130357	50.59027	25.70679	24.88349	30.14663		10
1722.43	1726.963	1365.963	95.22738	43.61176	94.84977	94.25976	44.76322	7.199082	48.03769	35.053	12.98469	30.03007		10
1722.435	1726.969	1365.969	95.53419	49.25121	95.01498	92.78473	44.21364	7.014715	48.77165	29.5347	19.23694	30.24496		10
1722.44	1726.974	1365.974	94.79077	42.67881	94.29516	92.87913	46.3052	6.265321	47.42948	29.66486	17.76462	30.40102		10
1722.445	1726.98	1365.98	95.13298	44.8232	94.51937	93.57535	46.38594	5.993554	47.6205	32.59969	15.02082	30.33149		10
1722.45	1726.985	1365.985	94.48397	59.59717	93.38654	90.44828	47.15726	4.24389	48.59885	30.47654	18.12231	30.71339		10
1722.455	1726.991	1365.991	92.50152	36.10642	91.95871	91.2153	50.36763	4.375054	45.25731	30.1384	15.11892	30.87253		10
1722.46	1726.996	1365.996	93.91755	52.64881	92.87913	91.0855	48.9026	3.826426	47.27097	33.74272	13.52825	30.78545		10
1722.465	1727.002	1366.002	94.31876	56.65909	93.28034	91.4277	47.56301	4.264748	48.17225	26.65858	21.51367	30.58227		10
1722.47	1727.007	1366.007	93.91755	46.57769	92.83193	91.0737	50.73762	3.191671	46.07071	23.81329	22.25742	31.12834		10
1722.475	1727.013	1366.013	93.19774	50.26771	92.31272	91.2153	48.95219	4.082065	46.96575	24.06727	22.89848	30.63835		10
1722.48	1727.018	1366.018	94.09456	56.82618	93.06794	93.92935	47.63739	4.238761	48.12385	22.9842	25.13966	30.07813		10
1722.485	1727.024	1366.024	93.02074	42.41425	92.67853	92.74933	46.80878	6.005102	47.18612	17.59495	29.59117	30.13536		10
1722.49	1727.029	1366.029	93.69335	33.80886	93.46914	94.62557	47.35796	6.383531	46.25851	16.30241	29.95609	30.09307		10
1722.495	1727.035	1366.035	92.58413	33.21011	92.10032	91.3569	50.53529	4.491057	44.97366	19.29873	25.67493	30.92532		10
1722.5	1727.04	1366.04	93.70515	36.73302	92.92633	91.3805	50.9377	3.898336	45.16397	31.64606	13.51791	31.17325		10
1722.505	1727.046	1366.046	95.18018	41.14711	94.38956	92.38352	48.60391	4.856459	46.53963	19.06674	27.47289	30.90496		10
1722.51	1727.051	1366.051	97.38682	58.06547	96.195	92.84373	45.58892	4.891747	49.51934	27.21897	22.30036	30.73231		10
1722.515	1727.057	1366.057	95.9944	55.99071	94.84977	92.00591	47.00624	4.396532	48.59723	25.47935	23.11788	30.78298		10
1722.52	1727.062	1366.062	95.21558	56.75656	94.41316	93.05614	44.88531	5.867141	49.24755	21.39613	27.85143	30.13679		10
1722.525	1727.068	1366.068	97.19802	60.09845	96.2422	97.16262	43.4416	6.269155	50.28925	22.69925	27.59	29.60148		10
1722.53	1727.073	1366.073	96.89121	55.3084	96.0298	95.9826	44.15144	6.316412	49.53215	28.49864	21.03351	29.87671		10
1722.535	1727.079	1366.079	97.76443	42.87376	97.20982	97.33962	43.97951	7.753368	48.26712	29.50051	18.76661	29.86847		10
1722.54	1727.084	1366.084	96.2186	43.98772	95.64039	93.92935	45.315	6.74272	47.94228	18.57514	29.36714	30.35451		10
1722.545	1727.09	1366.09	95.58139	35.7583	95.21558	94.60197	46.24662	6.951092	46.80229	23.98573	22.81655	30.29718		10
1722.55	1727.095	1366.095	97.33962	38.34827	96.92662	95.28638	44.36808	8.001935	47.62999	21.85999	25.77	30.24283		10
1722.555	1727.101	1366.101	98.44885	47.90053	97.55203	96.1478	44.78548	6.459992	48.75453	30.61726	18.13728	30.30997		10
1722.56	1727.106	1366.106	98.80285	46.87011	98.02404	96.44281	43.79463	7.317011	48.88836	22.55604	26.33232	30.19891		10
1722.565	1727.112	1366.112	97.00922	57.92622	96.2068	95.49879	42.9521	6.88774	50.16016	31.43041	18.72975	29.82532		10

1722.57	1727.117	1366.117	96.44281	65.0556	94.92057	94.27156	47.32646	3.18945	49.48409	16.7282	32.75589	30.4288	10
1722.575	1727.123	1366.123	96.99742	41.55092	96.99742	97.18622	40.70705	10.387	48.90594	26.83166	22.07428	29.36988	10
1722.58	1727.128	1366.128	98.88546	49.84997	97.97684	97.11542	44.00348	6.766686	49.22983	28.24142	20.98841	30.10655	10
1722.585	1727.134	1366.134	98.11844	50.88039	96.67881	96.2894	48.57511	3.302346	48.12254	29.24099	18.88155	30.75674	10
1722.59	1727.139	1366.139	96.54901	30.06315	95.84099	94.75537	49.38674	5.278375	45.33488	23.42674	21.90814	30.97338	10
1722.595	1727.145	1366.145	93.49274	39.8382	92.46612	91.02649	52.30214	2.842987	44.85487	29.40495	15.44992	31.36818	10
1722.6	1727.15	1366.15	93.22134	56.47807	91.86431	88.74905	51.08564	2.345283	46.56907	24.7228	21.84628	31.32338	10
1722.605	1727.156	1366.156	90.97929	48.03977	90.46008	89.02045	48.69731	4.55196	46.75073	24.01843	22.7323	30.56447	10
1722.61	1727.161	1366.161	90.49548	51.10318	89.23286	88.60744	54.16254	1.524574	44.31289	27.66637	16.64652	31.26465	10
1722.615	1727.167	1366.167	90.90849	45.11561	90.20048	88.46584	50.93332	3.529994	45.53668	28.07588	17.4608	30.99429	10
1722.62	1727.172	1366.172	90.07067	45.35233	89.04405	87.42742	54.11603	1.932861	43.95111	14.58311	29.368	31.47124	10
1722.625	1727.178	1366.178	89.30366	57.20214	87.56902	86.2474	57.44114	0	42.55886	27.28626	15.2726	31.62965	10
1722.63	1727.183	1366.183	88.28884	47.81698	87.35662	86.2474	54.42726	1.854455	43.71829	15.02578	28.6925	31.29292	10
1722.635	1727.189	1366.189	89.76387	40.70153	89.38626	89.92907	50.49393	4.073126	45.43294	32.55102	12.88192	30.49041	10
1722.64	1727.194	1366.194	89.19746	41.57877	88.53664	88.53664	52.99758	2.776611	44.22581	22.08585	22.13995	30.96539	10
1722.645	1727.2	1366.2	86.4244	23.32366	86.4716	85.96419	54.47942	2.921847	42.59873	14.64754	27.9512	31.40897	10
1722.65	1727.205	1366.205	90.08247	42.72059	89.75207	89.82287	49.34639	4.55156	46.10205	25.51487	20.58717	30.39345	10
1722.655	1727.211	1366.211	92.35992	46.34098	91.79351	92.14752	48.20405	4.88905	46.9069	32.74245	14.16445	30.23652	10
1722.66	1727.216	1366.216	93.07974	43.15225	92.24192	92.21832	50.41688	3.768557	45.81456	18.86558	26.94898	30.72431	10
1722.665	1727.222	1366.222	90.17688	31.56701	89.66947	88.94965	53.33049	3.121888	43.54762	13.12925	30.41837	31.31175	10
1722.67	1727.227	1366.227	92.41892	45.01814	91.88791	91.0973	48.19554	4.989203	46.81526	15.24918	31.56608	30.45901	10
1722.675	1727.233	1366.233	92.93813	41.49523	92.51332	91.69911	47.74734	5.509352	46.74331	25.85595	20.88736	30.44148	10
1722.68	1727.238	1366.238	93.44554	33.2658	92.94993	92.98533	49.82075	4.88939	45.28986	29.51454	15.77532	30.69421	10
1722.685	1727.244	1366.244	95.27458	38.58499	94.38956	93.71695	49.86871	4.244277	45.88701	14.11973	31.76728	30.893	10
1722.69	1727.249	1366.249	95.18018	44.80927	94.43676	93.09154	47.35186	5.34683	47.30131	29.04171	18.25961	30.5584	10
1722.695	1727.255	1366.255	92.74933	45.05992	92.48972	91.67551	45.77806	6.419243	47.8027	17.46325	30.33945	30.12081	10
1722.7	1727.26	1366.26	95.13298	42.62312	94.92057	94.61377	43.809	7.944026	48.24697	15.29339	32.95359	29.83928	10
1722.705	1727.266	1366.266	94.64917	31.74803	94.34236	93.85855	47.61749	6.411876	45.97063	18.18563	27.785	30.47601	10
1722.71	1727.271	1366.271	96.1124	43.65353	95.48699	95.48699	45.85939	6.400918	47.73969	27.99682	19.74288	30.1183	10
1722.715	1727.277	1366.277	95.69939	39.7825	95.33358	95.45159	45.1642	7.296916	47.53888	16.20672	31.33216	29.98447	10
1722.72	1727.282	1366.282	95.51059	36.16211	95.71119	97.52843	41.82435	10.00414	48.17151	17.14072	31.03079	29.2043	10
1722.725	1727.288	1366.288	94.30696	28.01624	94.17716	94.75537	47.46364	6.849075	45.68729	33.48161	12.20568	30.26113	10
1722.73	1727.293	1366.293	92.67853	37.38748	92.85553	92.21832	44.31621	7.919433	47.76436	32.06957	15.69479	29.9365	10
1722.735	1727.299	1366.299	90.90849	24.60472	90.96749	91.4277	49.95259	5.408755	44.63866	24.30238	20.33628	30.61173	10
1722.74	1727.304	1366.304	94.22436	34.12913	94.36596	94.82617	43.95692	8.593827	47.44926	24.81451	22.63474	29.73068	10
1722.745	1727.31	1366.31	95.56959	41.69017	95.21558	95.28638	44.73051	7.407362	47.86212	17.77216	30.08996	29.91799	10
1722.75	1727.315	1366.315	93.69335	46.71694	93.81135	93.92935	41.5821	8.951034	49.46687	25.74093	23.72593	29.42176	10
1722.755	1727.321	1366.321	95.10938	43.56999	95.10938	94.23616	41.95544	9.119587	48.92498	18.80117	30.12381	29.69099	10
1722.76	1727.326	1366.326	97.20982	41.81549	97.09182	96.77321	41.36213	9.87411	48.76376	31.16359	17.60017	29.55273	10
1722.765	1727.332	1366.332	97.85883	32.06829	97.42223	96.84401	45.59307	7.789403	46.61753	26.93325	19.68428	30.25975	10
1722.77	1727.337	1366.337	97.76443	36.7748	97.31602	95.64039	44.63239	7.972623	47.39498	24.8032	22.59179	30.3026	10
1722.775	1727.343	1366.343	96.92662	39.8382	96.63161	96.3484	43.47297	8.505607	48.02143	21.53354	26.48789	29.84105	10
1722.78	1727.348	1366.348	96.61981	35.45196	96.0534	95.09758	46.92009	6.471094	46.60882	16.54794	30.06088	30.50594	10
1722.785	1727.354	1366.354	95.59319	48.44359	94.80257	93.64615	46.45819	5.559271	47.98253	19.54864	28.4339	30.38617	10
1722.79	1727.359	1366.359	91.56931	29.89606	91.99411	93.88215	45.22913	7.815291	46.95558	29.62397	17.33162	29.62281	10
1722.795	1727.365	1366.365	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1723.125	1727.728	1366.728	64.73555	21.52739	64.38155	63.86234	77.97722	0	22.02278	11.26091	10.76187	30.13531	-9999
1723.13	1727.733	1366.733	67.79182	35.36841	67.69741	68.27563	69.80399	0	30.19601	6.056295	24.13972	30.07992	-9999
1723.135	1727.739	1366.739	73.45593	30.10493	74.05775	75.27317	60.4711	0	39.5289	11.82002	27.70888	31.34981	-9999
1723.14	1727.744	1366.744	68.94824	33.54429	69.07804	70.25807	67.44393	0	32.55607	8.428467	24.1276	30.11938	-9999
1723.145	1727.75	1366.75	71.9455	60.9757	71.9455	74.04595	59.05402	0.568694	40.37729	12.76303	27.61426	30.26215	-9999
1723.15	1727.755	1366.755	70.19907	38.86348	69.79786	70.64748	69.12126	0	30.87874	18.36768	12.51106	30.24472	-9999
1723.155	1727.761	1366.761	70.35247	18.50576	70.24627	70.76548	71.6204	0	28.3796	19.10908	9.27052	30.14762	1
1723.16	1727.766	1366.766	69.36125	40.47873	68.47623	67.88622	73.25069	0	26.74931	7.970805	18.77851	30.41898	1
1723.165	1727.772	1366.772	68.78304	13.22834	68.79484	68.54703	73.4269	0	26.5731	21.14822	5.424887	30.10088	1
1723.17	1727.777	1366.777	73.73914	14.6208	73.82174	73.05472	67.9816	0	32.0184	6.870362	25.14804	30.92913	1
1723.175	1727.783	1366.783	71.9219	19.82859	71.42629	70.50587	72.87431	0	27.12569	19.33317	7.792522	30.48195	1
1723.18	1727.788	1366.788	67.62661	19.36908	67.47321	67.56761	74.28507	0	25.71493	11.96394	13.75099	30.00889	1
1723.185	1727.794	1366.794	66.9894	18.25511	66.895	66.22238	74.68363	0	25.31637	10.67253	14.64384	30.09665	1
1723.19	1727.799	1366.799	66.41119	18.43613	66.32859	65.83298	75.08033	0	24.91967	4.166956	20.75272	30.03258	1
1723.195	1727.805	1366.805	67.28441	16.80696	67.39061	67.43781	73.208	0	26.792	13.62888	13.16313	29.93725	1
1723.2	1727.81	1366.81	69.66806	17.75383	70.06926	70.90708	68.4996	0	31.5004	6.010602	25.4898	30.12823	1
1723.205	1727.816	1366.816	67.63841	17.25255	67.49681	67.90982	74.69497	0	25.30503	11.38179	13.92324	29.93698	1
1723.21	1727.821	1366.821	66.24598	24.39585	66.32859	66.954	72.50973	0	27.49027	17.7053	9.784969	29.81419	1
1723.215	1727.827	1366.827	62.88292	22.58566	62.71771	64.03934	77.96232	0	22.03768	18.08168	3.956008	29.68128	1
1723.22	1727.832	1366.832	62.56431	24.13128	62.63511	63.07172	76.05235	0	23.94765	20.06721	3.880435	29.68677	1
1723.225	1727.838	1366.838	63.17792	22.01475	63.36673	64.31074	75.08551	0	24.91449	4.396626	20.51786	29.53431	1
1723.23	1727.843	1366.843	62.55251	19.29946	62.1395	60.84147	80.98204	0	19.01796	19.01796	0	30.38548	1
1723.235	1727.849	1366.849	60.36946	16.2082	59.92105	59.73225	84.01288	0	15.98712	15.98712	0	30.37892	1
1723.24	1727.854	1366.854	62.95372	18.90957	62.68231	62.78851	79.60986	0	20.39014	9.107905	11.28224	29.99194	1
1723.245	1727.86	1366.86	63.28412	14.21699	63.77973	64.60575	74.49712	0	25.50288	6.619801	18.88308	29.37201	1
1723.25	1727.865	1366.865	60.29866	26.8605	60.18066	60.32226	78.93951	0	21.06049	12.95861	8.101881	29.90293	1
1723.255	1727.871	1366.871	60.78247	21.95905	61.21908	62.50531	75.38232	0	24.61768	5.007951	19.60973	29.24386	1

1723.26	1727.876	1366.876	63.47293	28.58715	63.03632	63.20152	78.07054	0	21.92946	13.79116	8.138305	30.07562	1
1723.265	1727.882	1366.882	59.37824	18.24119	59.11864	58.04482	82.96959	0	17.03041	9.825963	7.204448	30.36906	1
1723.27	1727.887	1366.887	57.4312	19.14629	57.2306	55.99157	84.08457	0	15.91543	4.333457	11.58197	30.46462	1
1723.275	1727.893	1366.893	56.14498	16.44492	55.75557	55.16556	87.38486	0	12.61514	10.82907	1.786072	30.79138	1
1723.28	1727.898	1366.898	54.83515	20.03746	55.24816	55.75557	81.50178	0	18.49822	17.68598	0.812238	29.4983	1
1723.285	1727.904	1366.904	55.46056	28.69854	54.61095	53.43092	88.61577	0	11.38423	11.38423	0	31.54606	1
1723.29	1727.909	1366.909	57.207	40.10277	55.84997	52.73471	88.18166	0	11.81834	11.81834	0	32.27351	1
1723.295	1727.915	1366.915	56.18038	33.69747	55.60217	54.43394	84.64041	0	15.35959	15.35959	0	30.94432	1
1723.3	1727.92	1366.92	55.70837	34.42154	55.14196	51.00007	84.80798	0	15.19202	13.38985	1.802169	31.52093	1
1723.305	1727.926	1366.926	58.97704	25.69084	58.51683	57.1126	83.09057	0	16.90943	4.647209	12.26222	30.63798	1
1723.31	1727.931	1366.931	63.85054	21.3046	63.68533	63.35493	77.38212	0	22.61788	5.262098	17.35578	29.98342	8
1723.315	1727.937	1366.937	66.24598	34.42154	66.52919	66.9422	68.52884	0	31.47116	15.13283	16.33833	29.95995	8
1723.32	1727.942	1366.942	68.44083	30.18847	68.47623	68.09862	69.45447	0	30.54553	8.982431	21.5631	30.26707	8
1723.325	1727.948	1366.948	69.26685	19.71719	69.56185	70.43507	69.21664	0	30.78336	17.20896	13.57439	30.05344	8
1723.33	1727.953	1366.953	68.54703	20.42735	68.77124	68.38183	70.25573	0	29.74427	10.76694	18.97733	30.18369	8
1723.335	1727.959	1366.959	67.27261	22.30716	67.27261	66.8478	72.71087	0	27.28913	17.23025	10.05888	30.07803	8
1723.34	1727.964	1366.964	66.52919	43.61176	65.47897	64.01574	76.37832	0	23.62168	23.4531	0.168586	30.6581	8
1723.345	1727.97	1366.97	70.81268	75.30409	68.96004	67.80362	70.98669	0	29.01331	12.34537	16.66793	30.78552	8
1723.35	1727.975	1366.975	76.7954	132.7708	76.819	71.7095	37.03479	6.687249	56.27796	24.05345	32.22451	28.2397	8
1723.355	1727.981	1366.981	72.71252	120.4754	72.14611	65.45537	48.33913	3.786841	47.87403	30.60268	17.27135	29.20683	8
1723.36	1727.986	1366.986	63.64993	55.82361	64.72375	58.08022	59.61063	0	40.38937	24.93727	15.4521	31.51304	8
1723.365	1727.992	1366.992	60.80607	31.85942	60.16886	58.17462	81.28683	0	18.71317	7.554007	11.15916	30.76275	8
1723.37	1727.997	1366.997	60.36946	14.45371	60.27506	60.41666	81.69391	0	18.30609	10.06396	8.242129	29.92944	8
1723.375	1728.003	1367.003	62.0215	22.15399	62.82391	63.70893	71.36023	0	28.63977	8.714906	19.92487	29.20131	8
1723.38	1728.008	1367.008	64.02754	20.42735	64.33435	65.34917	73.7735	0	26.2265	23.78387	2.442629	29.49835	8
1723.385	1728.014	1367.014	66.9776	21.8755	66.8714	65.96278	73.9098	0	26.0902	22.28945	3.800747	30.16077	8
1723.39	1728.019	1367.019	69.79786	38.80778	69.34945	69.56185	69.86966	0	30.13034	22.49551	7.634829	30.31201	8
1723.395	1728.025	1367.025	75.49737	125.6275	72.0753	71.52069	66.66161	0	33.33839	10.15342	23.18497	30.34762	8
1723.4	1728.03	1367.03	76.18179	141.3344	73.96334	69.32585	52.90278	2.695667	44.40155	24.76288	19.63867	29.13218	8
1723.405	1728.036	1367.036	71.23749	99.19865	68.91284	68.47623	68.47146	0	31.52854	5.41827	26.11027	30.85564	8
1723.41	1728.041	1367.041	67.43781	74.24582	65.53797	64.60575	74.71348	0	25.28652	15.26058	10.02594	30.95414	8
1723.415	1728.047	1367.047	67.48501	25.99718	67.31981	66.43479	72.9028	0	27.0972	13.08107	14.01613	30.22583	8
1723.42	1728.052	1367.052	68.52343	25.74653	69.05444	69.92766	66.61245	0	33.38755	14.55855	18.829	30.10643	8
1723.425	1728.058	1367.058	66.36399	20.65014	66.59999	68.19302	72.11876	0	27.88124	9.690076	18.19116	29.58609	8
1723.43	1728.063	1367.063	67.81542	19.32731	68.16942	68.94824	70.18905	0	29.81095	8.612689	21.19826	29.87695	8
1723.435	1728.069	1367.069	71.8747	45.32448	71.46169	70.89528	66.10757	0	33.89243	21.122	12.77044	30.79291	8
1723.44	1728.074	1367.074	68.99544	63.59352	67.44961	65.90378	73.11476	0	26.88524	21.80061	5.084631	30.82197	8
1723.445	1728.08	1367.08	66.16338	92.05535	62.94192	61.9979	81.81866	0	18.18134	8.474478	9.706865	31.96817	8
1723.45	1728.085	1367.085	58.42242	22.90592	59.10684	59.51985	75.40393	0	24.59607	6.571606	18.02447	29.1635	8
1723.455	1728.091	1367.091	56.85299	11.82196	56.97099	57.84421	83.91981	0	16.08019	7.387966	8.69222	29.76292	8
1723.46	1728.096	1367.096	51.41308	40.08884	51.05907	51.51928	85.74202	0	14.25798	14.25798	0	30.78479	8
1723.465	1728.102	1367.102	50.10325	34.42154	50.30386	50.39826	84.02031	0	15.97969	7.675204	8.304484	30.14895	8
1723.47	1728.107	1367.107	50.81127	27.91877	50.37466	49.89085	89.88101	0	10.11899	10.11899	0	31.40136	8
1723.475	1728.113	1367.113	53.98553	36.09249	53.54892	49.78465	84.98265	0	15.01735	5.87065	9.146703	31.43151	8
1723.48	1728.118	1367.118	50.59886	20.92863	50.90567	51.34228	86.00657	0	13.99343	12.32826	1.665176	30.01742	8
1723.485	1728.124	1367.124	53.67873	23.5186	53.82033	54.63455	83.82665	0	16.17335	16.17335	0	29.87402	8
1723.49	1728.129	1367.129	56.88839	28.42005	56.78219	58.19822	81.60809	0	18.39191	3.202078	15.18983	29.8118	8
1723.495	1728.135	1367.135	55.82637	26.21997	56.05058	56.69959	80.55692	0	19.44308	4.957619	14.48546	29.62176	8
1723.5	1728.14	1367.14	56.01517	21.0818	55.92077	55.30716	84.09586	0	15.90414	3.658152	12.24599	30.30095	8
1723.505	1728.146	1367.146	56.82939	27.11114	56.60519	56.06238	82.89365	0	17.10635	17.10635	0	30.33868	8
1723.51	1728.151	1367.151	56.84119	25.84401	57.0536	56.99459	79.80572	0	20.19428	19.47428	0.720002	29.7209	8
1723.515	1728.157	1367.157	56.16858	26.60986	56.09778	57.207	82.43403	0	17.56597	17.56597	0	29.887	6
1723.52	1728.162	1367.162	52.4279	27.80737	53.02971	54.83515	80.3729	0	19.6271	19.6271	0	29.09724	6
1723.525	1728.168	1367.168	57.78521	22.36286	58.16282	59.42544	78.49933	0	21.50067	20.75477	0.745894	29.28037	6
1723.53	1728.173	1367.173	61.12468	72.00396	60.58187	59.16584	70.54712	0	29.45288	5.817089	23.63579	30.69216	6
1723.535	1728.179	1367.179	62.2693	90.46795	62.71771	60.34586	57.34383	1.31975	41.33642	22.9965	18.33992	29.51218	6
1723.54	1728.184	1367.184	64.29894	89.27043	65.04236	62.0451	53.48006	1.92951	44.59043	23.11464	21.47579	29.28592	6
1723.545	1728.19	1367.19	63.11892	81.63977	62.78851	59.83845	64.73442	0.02157	35.24401	11.9778	23.26621	31.12739	6
1723.55	1728.195	1367.195	63.39033	85.91461	63.03632	56.73499	63.63312	0.319088	36.04779	8.403287	27.6445	31.44791	6
1723.555	1728.201	1367.201	61.63209	69.53931	61.07748	57.90321	70.7682	0	29.2318	15.75351	13.47829	30.99543	6
1723.56	1728.206	1367.206	59.92105	61.69978	59.33104	55.81457	74.51388	0	25.48612	19.49369	5.992431	31.03472	6
1723.565	1728.212	1367.212	61.31348	128.8998	60.07446	55.88537	62.0003	2.134692	35.86501	20.22876	15.63625	29.49279	6
1723.57	1728.217	1367.217	55.70837	49.73857	56.09778	56.99459	73.69365	0	26.30635	10.28443	16.02191	29.42976	6
1723.575	1728.223	1367.223	55.16556	41.31421	55.79097	55.54316	74.4027	0	25.5973	20.27607	5.32123	29.3823	6
1723.58	1728.228	1367.228	52.77011	44.50293	53.00611	53.59612	78.85275	0	21.14725	20.31272	0.834528	29.72445	6
1723.585	1728.234	1367.234	51.16527	96.88717	52.72291	56.99459	57.4096	1.075466	41.51493	18.12245	23.39248	27.41672	6
1723.59	1728.239	1367.239	55.28356	85.26016	53.50172	51.64908	82.3154	0	17.6846	17.6846	0	32.42809	6
1723.595	1728.245	1367.245	52.66391	64.23405	50.64606	48.41582	91.64284	0	8.357162	8.357162	0	33.72059	6
1723.6	1728.25	1367.25	57.60821	53.74885	57.266	56.94739	76.64533	0	23.35467	12.25278	11.10189	30.29079	6
1723.605	1728.256	1367.256	61.87989	75.94462	62.55251	63.56733	59.47914	0.510995	40.00986	28.26346	11.7464	29.55323	6
1723.61	1728.261	1367.261	71.41449	77.01681	72.42931	69.43205	47.79574	3.233094	48.97117	24.68688	24.28428	29.37569	6
1723.615	1728.267	1367.267	77.96363	154.9526	78.80144	76.20539	24.28184	10.41209	65.30607	34.11329	31.19278	27.60687	6
1723.62	1728.272	1367.272	76.8898	110.9928	79.32065	81.26769	23.56204	10.73828	65.69967	33.24373	32.45595	27.61086	6

1723.625	1728.278	1367.278	78.82504	60.85038	79.76906	79.92247	45.43902	4.672601	49.88838	18.29837	31.59001	29.22274	6
1723.63	1728.283	1367.283	78.45924	74.88635	79.46226	80.28827	41.9216	5.608517	52.46989	22.29816	30.17173	28.55511	6
1723.635	1728.289	1367.289	79.20265	69.3583	79.80446	79.62746	45.68481	4.553582	49.76161	21.50257	28.25904	29.16399	6
1723.64	1728.294	1367.294	76.97241	85.65004	78.65984	79.79266	35.38046	7.299114	57.32043	21.96722	35.35321	27.98134	6
1723.645	1728.3	1367.3	75.14337	94.74279	77.49162	79.41506	29.74142	8.518037	61.74054	41.69939	20.04115	27.63447	6
1723.65	1728.305	1367.305	75.98118	92.72373	77.45622	78.04623	36.22668	6.845156	56.92816	33.07635	23.85181	27.93143	6
1723.655	1728.311	1367.311	77.56242	85.35763	79.60386	82.08191	32.16485	8.426448	59.4087	42.7226	16.6861	27.72573	6
1723.66	1728.316	1367.316	74.86016	70.9457	76.22899	77.45622	43.35137	4.686107	51.96252	31.44563	20.51689	28.52451	6
1723.665	1728.322	1367.322	77.22021	70.02667	78.06983	78.57724	45.42642	4.416246	50.15734	31.82528	18.33205	28.92239	6
1723.67	1728.327	1367.327	75.62718	73.25718	77.01961	79.23805	41.90344	5.201806	52.89476	28.08872	24.80604	28.23097	6
1723.675	1728.333	1367.333	74.39995	97.52771	76.42959	79.00205	32.22062	7.663397	60.11599	31.86435	28.25164	27.39989	6
1723.68	1728.338	1367.338	77.26741	68.71776	78.45924	77.56242	43.04764	5.133313	51.81904	24.18186	27.63718	29.02418	6
1723.685	1728.344	1367.344	76.31159	63.67707	77.26741	76.5948	46.97588	3.87767	49.14645	23.74731	25.39914	29.3675	6
1723.69	1728.349	1367.349	75.07257	68.70384	76.34699	77.77482	44.43011	4.421551	51.14834	19.97653	31.17181	28.61676	6
1723.695	1728.355	1367.355	75.28497	100.6747	77.69222	79.94607	27.71838	9.121917	63.15971	34.83177	28.32794	27.52052	6
1723.7	1728.36	1367.36	74.48255	51.74371	75.41477	76.6656	51.72937	2.362708	45.90792	25.08387	20.82405	29.69321	6
1723.705	1728.366	1367.366	75.14337	55.33625	75.57998	76.76	54.09301	1.827794	44.0792	29.99707	14.08213	29.97047	6
1723.71	1728.371	1367.371	74.97816	63.34288	75.81598	76.32339	49.19803	3.125649	47.67632	19.74905	27.92727	29.32197	6
1723.715	1728.377	1367.377	75.47377	69.31652	76.6656	78.28223	44.55289	4.445057	51.00205	19.75141	31.25065	28.59339	6
1723.72	1728.382	1367.382	76.76	111.0624	79.16725	81.7043	23.84752	10.61346	65.53902	46.24091	19.29811	27.48055	6
1723.725	1728.388	1367.388	79.09645	82.71196	80.07587	81.19689	39.62447	6.354256	54.02128	28.20296	25.81832	28.24529	6
1723.73	1728.393	1367.393	78.19963	75.08129	79.23805	80.83108	41.8389	5.596689	52.56441	34.52416	18.04025	28.39462	6
1723.735	1728.399	1367.399	77.09041	121.478	79.55666	80.34727	20.56571	11.6461	67.78819	48.40739	19.3808	27.84539	6
1723.74	1728.404	1367.404	75.03717	120.1273	77.60962	81.12609	21.95849	10.67367	67.36784	40.54931	26.81853	27.22873	6
1723.745	1728.41	1367.41	76.16999	98.57205	77.96363	81.6689	32.16849	8.036795	59.79472	39.01226	20.78245	27.21651	6
1723.75	1728.415	1367.415	76.524	57.99584	77.29101	78.47104	49.61856	3.15994	47.2215	33.31631	13.90519	29.41863	6
1723.755	1728.421	1367.421	77.12581	81.89041	76.7128	77.32641	52.42759	2.409654	45.16275	22.59919	22.56357	29.41472	6
1723.76	1728.426	1367.426	73.53853	80.97139	74.93096	78.32943	41.95815	4.903723	53.13813	31.17984	21.95828	27.7804	6
1723.765	1728.432	1367.432	75.06077	106.0078	76.42959	79.43866	34.6818	7.132407	58.1858	22.79587	35.38993	27.16397	6
1723.77	1728.437	1367.437	80.86649	77.90798	80.73668	81.5273	47.75507	3.876092	48.36884	23.03896	25.32988	29.11305	6
1723.775	1728.443	1367.443	80.25287	128.2732	81.6099	80.57148	24.60829	10.96775	64.42396	32.46003	31.96393	27.85388	6
1723.78	1728.448	1367.448	77.59782	117.0639	76.19359	72.45291	51.16332	2.795161	46.04152	17.69695	28.34457	29.37621	6
1723.785	1728.454	1367.454	69.82146	70.93177	68.41723	66.42299	69.48154	0	30.51846	18.82	11.69846	30.96611	6
1723.79	1728.459	1367.459	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1724.1	1728.8	1367.8	70.55307	79.00802	70.43507	67.46141	56.88575	1.302559	41.81169	25.23006	16.58164	30.35151	9
1724.105	1728.806	1367.806	66.49379	94.53392	66.00998	63.61453	59.69803	1.161732	39.14024	22.99315	16.14708	30.03834	9
1724.11	1728.811	1367.811	76.15819	144.37	76.41779	79.94607	32.98499	7.782206	59.2328	22.58379	36.64901	26.32739	9
1724.115	1728.817	1367.817	70.36427	115.2119	69.65625	70.30527	52.8707	2.814357	44.31494	17.43521	26.87973	28.28615	9
1724.12	1728.822	1367.822	72.92492	166.1341	73.19633	76.6774	30.60123	8.371129	61.02764	34.03403	26.99361	25.7398	9
1724.125	1728.828	1367.828	78.06983	144.4396	77.81022	75.39117	35.23332	7.210935	57.55575	28.60209	28.95365	27.53911	9
1724.13	1728.833	1367.833	83.62774	125.0844	83.87555	81.97571	30.87155	9.178054	59.95039	40.47201	19.47838	28.02145	9
1724.135	1728.839	1367.839	87.71063	154.2286	88.35964	89.64587	16.95306	14.63546	68.41148	45.53076	22.88072	27.68726	9
1724.14	1728.844	1367.844	87.20322	115.8803	87.32122	88.67825	30.81549	9.796011	59.3885	39.5953	19.7932	27.68113	9
1724.145	1728.85	1367.85	83.35634	128.8023	82.80173	81.89311	36.44025	6.950958	56.60879	35.62691	20.98187	27.87461	9
1724.15	1728.855	1367.855	84.27676	141.5851	84.58356	85.84619	25.82405	10.76562	63.41033	36.94945	26.46088	27.28398	9
1724.155	1728.861	1367.861	82.38872	175.2129	82.47132	80.80748	21.1607	11.56661	67.27269	42.55565	24.71705	27.45221	9
1724.16	1728.866	1367.866	71.47349	196.8656	70.15187	60.45207	36.84552	7.544842	55.60964	26.0154	29.59424	27.32498	9
1724.165	1728.872	1367.872	66.50559	204.2735	64.54675	53.84393	44.56169	6.79929	48.63902	28.76177	19.87725	27.1859	9
1724.17	1728.877	1367.877	61.16008	85.37155	59.87385	58.91803	73.04107	0	26.95893	13.67596	13.28297	31.13319	4
1724.175	1728.883	1367.883	63.09532	107.6509	62.71771	62.37551	58.82726	1.72445	39.44829	24.1017	15.3466	28.95643	4
1724.18	1728.888	1367.888	60.18066	74.77495	59.68505	57.0654	70.37923	0	29.62077	13.59136	16.02941	30.91562	4
1724.185	1728.894	1367.894	62.81211	61.0314	62.1985	61.30168	72.19875	0	27.80125	9.443925	18.35732	30.51002	4
1724.19	1728.899	1367.899	59.99186	50.88039	59.89745	60.34586	73.22605	0	26.77395	10.94758	15.82637	29.88713	4
1724.195	1728.905	1367.905	65.38457	75.22054	64.99516	63.90954	64.66074	0	35.33926	10.41776	24.9215	30.83123	4
1724.2	1728.91	1367.91	67.75642	63.03654	67.52041	67.35521	64.23829	0	35.76171	17.56186	18.19985	30.66277	4
1724.205	1728.916	1367.916	67.85082	63.37073	67.57941	70.23447	64.34492	0	35.65508	8.769373	26.8857	30.14748	4
1724.21	1728.921	1367.921	66.11618	68.48105	66.59999	68.33463	58.85117	0.562463	40.58637	18.15835	22.42801	29.7627	4
1724.215	1728.927	1367.927	65.71497	47.95623	64.97156	64.07474	73.69829	0	26.30171	14.14411	12.1576	30.45786	4
1724.22	1728.932	1367.932	66.9658	50.00314	66.8124	66.895	67.47958	0	32.52042	5.534899	26.98552	30.29793	4
1724.225	1728.938	1367.938	68.68863	123.4692	67.39061	70.09286	56.98662	2.328754	40.68463	28.73976	11.94487	28.12765	4
1724.23	1728.943	1367.943	70.71828	214.6334	68.07502	65.27836	43.48313	6.774382	49.74248	31.03989	18.70259	25.77117	4
1724.235	1728.949	1367.949	69.95126	182.7322	68.79484	57.89141	40.38594	6.660919	52.95314	35.72212	17.23102	27.84139	4
1724.24	1728.954	1367.954	60.92408	47.62204	60.68807	59.90925	74.25436	0	25.74564	5.811001	19.93464	30.18402	4
1724.245	1728.96	1367.96	59.70865	42.74844	59.49625	59.70865	76.36905	0	23.63095	9.133634	14.49731	29.97941	4
1724.25	1728.965	1367.965	61.52589	44.43331	61.11288	61.78549	75.84414	0	24.15586	12.81966	11.3362	30.0149	4
1724.255	1728.971	1367.971	59.28384	41.6484	58.43422	57.0182	81.96449	0	18.03551	4.589316	13.4462	30.94596	4
1724.26	1728.976	1367.976	56.39278	31.13534	56.32198	57.3014	81.1326	0	18.8674	13.40988	5.457524	29.85735	4
1724.265	1728.982	1367.982	54.88235	31.63663	54.36314	52.5695	85.87606	0	14.12394	7.605899	6.518046	31.139	4
1724.27	1728.987	1367.987	60.49927	57.7452	59.40184	57.59641	78.87136	0	21.12864	7.406835	13.7218	31.10355	4
1724.275	1728.993	1367.993	60.09806	60.4048	59.30744	58.52863	76.2191	0	23.7809	20.34238	3.438522	30.66679	6
1724.28	1728.998	1367.998	56.28658	46.92581	56.21578	56.27478	77.40901	0	22.59099	10.34066	12.25033	29.99181	6
1724.285	1729.004	1368.004	56.54619	55.35018	57.52561	58.08022	66.99226	0	33.00774	16.36924	16.6385	29.20686	6
1724.29	1729.009	1368.009	58.11562	41.06356	58.51683	58.68203	73.48689	0	26.51311	21.11397	5.399149	29.50823	6

1724.295	1729.015	1368.015	57.66721	35.57728	57.4194	57.148	80.25696	0	19.74304	15.33999	4.403055	30.19584	6
1724.3	1729.02	1368.02	55.05935	52.73236	54.51654	54.39854	80.79095	0	19.20905	18.88822	0.320834	30.64723	6
1724.305	1729.026	1368.026	55.25996	78.40927	54.33954	53.57252	77.31904	0	22.68096	17.53549	5.145467	31.14979	6
1724.31	1729.031	1368.031	59.63785	54.23621	59.42544	59.07144	73.65415	0	26.34585	17.91719	8.428655	30.13575	6
1724.315	1729.037	1368.037	66.36399	52.06398	66.895	66.895	62.23031	0	37.76969	22.37407	15.39562	30.46289	6
1724.32	1729.042	1368.042	70.94248	41.71802	71.34369	70.84808	61.52779	0	38.47221	25.44607	13.02613	31.11874	6
1724.325	1729.048	1368.048	74.16395	45.6169	74.17575	75.33217	60.63843	0.076423	39.28515	12.09608	27.18907	31.16805	6
1724.33	1729.053	1368.053	73.11373	77.68519	71.8865	69.53825	63.44655	0	36.55345	6.541586	30.01186	31.35732	6
1724.335	1729.059	1368.059	72.55911	57.32746	72.52371	73.47953	59.64672	0.400071	39.9532	21.72909	18.22411	30.68001	6
1724.34	1729.064	1368.064	72.0635	79.85742	71.8393	72.34671	56.11367	1.49384	42.39249	25.3289	17.06359	29.66765	6
1724.345	1729.07	1368.07	71.35549	57.18822	71.55609	71.32009	58.95872	0.511539	40.52974	22.47553	18.05421	30.71758	6
1724.35	1729.075	1368.075	70.38787	97.77835	71.46169	73.96334	43.25868	4.428898	52.31242	33.18002	19.1324	27.50484	6
1724.355	1729.081	1368.081	69.83326	105.8546	71.01328	74.96636	40.9914	4.983994	54.0246	20.64075	33.38385	26.91609	6
1724.36	1729.086	1368.086	68.22843	85.80322	68.03962	67.78002	57.9287	1.22791	40.84339	12.94583	27.89756	29.69539	6
1724.365	1729.092	1368.092	71.01328	95.56434	71.36729	70.06926	48.79765	3.271734	47.93061	22.23747	25.69314	28.7059	6
1724.37	1729.097	1368.097	71.47349	66.33666	71.44989	72.53551	58.37382	0.788108	40.83807	13.29109	27.54699	30.17683	6
1724.375	1729.103	1368.103	73.51493	59.12373	73.65654	74.37635	56.96089	1.064685	41.97442	17.51513	24.45929	30.30214	6
1724.38	1729.108	1368.108	75.17877	67.00504	75.48557	78.12883	52.24256	2.365822	45.39161	15.95771	29.4339	29.20711	6
1724.385	1729.114	1368.114	75.26137	72.24068	75.21417	73.65654	53.6431	2.038832	44.31807	29.41797	14.9001	30.06003	6
1724.39	1729.119	1368.119	73.26713	95.13268	72.40571	70.62387	56.24812	1.669502	42.08238	25.39422	16.68816	29.84447	6
1724.395	1729.125	1368.125	72.0635	42.83198	71.9809	70.97788	63.9764	0	36.0236	20.0778	15.9458	31.07205	6
1724.4	1729.13	1368.13	74.14035	82.51702	74.09315	71.7331	52.18757	2.451076	45.36135	16.58814	28.77322	29.73712	6
1724.405	1729.136	1368.136	72.51191	96.65046	73.16093	72.84232	44.86978	4.241513	50.88871	28.64349	22.24522	28.25696	6
1724.41	1729.141	1368.141	77.06681	126.9782	76.29979	75.92218	44.31419	4.694816	50.99099	30.31089	20.6801	27.84601	6
1724.415	1729.147	1368.147	77.23201	87.98937	76.5122	77.51522	53.23169	2.196518	44.5718	14.20554	30.36626	29.32591	6
1724.42	1729.152	1368.152	74.64776	46.93973	74.61236	75.10797	60.239	0.197614	39.56338	10.95269	28.61069	31.21663	6
1724.425	1729.158	1368.158	75.50918	53.65138	75.34397	75.65078	58.82825	0.613422	40.55833	21.68531	18.87302	30.91263	6
1724.43	1729.163	1368.163	76.00479	58.42751	76.25259	76.9606	54.01565	1.910434	44.07391	26.46832	17.6056	30.01955	6
1724.435	1729.169	1368.169	75.55638	50.86646	75.09617	73.31433	61.74507	0	38.25493	18.64231	19.61262	31.68412	6
1724.44	1729.174	1368.174	75.22597	52.89945	75.09617	75.46197	58.99641	0.561842	40.44175	28.55121	11.89053	30.92967	6
1724.445	1729.18	1368.18	75.43837	48.15117	76.05199	76.6656	54.18862	1.795846	44.01554	28.45963	15.55591	30.24428	6
1724.45	1729.185	1368.185	74.25835	40.11669	74.42355	74.09315	60.69375	0.018583	39.28766	25.0121	14.27556	31.57493	6
1724.455	1729.191	1368.191	75.49737	44.40546	75.75698	77.29101	57.78435	0.838387	41.37726	12.26473	29.11253	30.70296	6
1724.46	1729.196	1368.196	74.82476	41.25851	75.23777	74.83656	57.97585	0.734618	41.28954	20.65588	20.63366	31.12296	6
1724.465	1729.202	1368.202	73.26713	56.08818	73.30253	72.73612	58.74655	0.60639	40.64706	25.49242	15.15464	30.87722	6
1724.47	1729.207	1368.207	72.60632	45.46373	72.59452	72.59452	62.29142	0	37.70858	25.6512	12.05738	31.11406	6
1724.475	1729.213	1368.213	73.04292	38.3622	73.14913	73.12553	62.69379	0	37.30621	12.39995	24.90626	31.1438	6
1724.48	1729.218	1368.218	73.88074	39.50401	73.97514	74.30555	61.73813	0	38.26187	7.98322	30.27865	31.28595	6
1724.485	1729.224	1368.224	74.90736	36.03679	74.86016	75.41477	62.73013	0	37.26987	22.75537	14.5145	31.23221	6
1724.49	1729.229	1368.229	75.82778	37.37355	76.19359	77.14941	58.35903	0.680471	40.9605	24.2476	16.71289	31.06726	6
1724.495	1729.235	1368.235	78.73064	40.70153	79.41506	82.08191	52.41383	2.636268	44.9499	30.24572	14.70418	29.90803	6
1724.5	1729.24	1368.24	79.75726	52.09183	80.06407	81.06709	51.63935	2.862272	45.49838	13.7309	31.76748	29.9449	6
1724.505	1729.246	1368.246	83.12033	74.76103	82.18811	80.35907	52.66182	2.164033	45.17414	19.11603	26.05811	30.39963	6
1724.51	1729.251	1368.251	87.55722	87.13997	87.33302	89.33906	40.09707	6.786099	53.11683	21.38307	31.73376	28.35407	6
1724.515	1729.257	1368.257	83.12033	106.4394	82.75452	81.5509	40.60596	5.908532	53.48551	36.87531	16.6102	28.48796	6
1724.52	1729.262	1368.262	82.07011	99.2265	82.22351	84.90217	39.29381	6.513155	54.19303	25.13369	29.05934	27.75983	6
1724.525	1729.268	1368.268	84.59536	79.50931	84.09975	81.17329	46.77199	4.20479	49.02322	20.67305	28.35016	29.85561	6
1724.53	1729.273	1368.273	85.32698	84.88419	84.87857	84.47736	44.43238	4.97315	50.59447	29.88395	20.71052	29.10262	6
1724.535	1729.279	1368.279	83.87555	86.91718	84.02895	83.61594	40.61166	6.420607	52.96773	36.30516	16.66257	28.68563	6
1724.54	1729.284	1368.284	83.25013	76.23703	84.12335	86.15299	38.19308	7.61385	54.19307	35.22205	18.97103	28.22792	6
1724.545	1729.29	1368.29	85.26798	74.90027	86.12939	86.3536	36.75161	8.594668	54.65372	39.24954	15.40418	28.55292	4
1724.55	1729.295	1368.295	85.10277	108.8623	86.2592	86.90821	26.39849	11.79574	61.80578	37.9747	23.83108	27.86042	4
1724.555	1729.301	1368.301	85.52758	170.6596	86.76661	88.44224	10.41256	16.52402	73.06342	64.1567	8.906722	28.04995	4
1724.56	1729.306	1368.306	82.12911	136.614	83.93455	84.97297	17.3885	13.89754	68.71396	45.02008	23.69388	27.85675	4
1724.565	1729.312	1368.312	82.43592	104.3368	81.5037	78.74244	46.13414	3.988232	49.87762	31.48621	18.39142	29.22399	4
1724.57	1729.317	1368.317	82.56572	85.94246	82.56572	80.83108	43.24146	5.373832	51.38471	28.94846	22.43625	29.08723	4
1724.575	1729.323	1368.323	83.91095	134.581	84.46556	83.81655	25.93509	10.89753	63.16738	38.71005	24.45733	27.72091	4
1724.58	1729.328	1368.328	82.18811	211.2915	83.30914	82.30611	4.566474	16.9169	78.51662	78.51662	0	-9999	4
1724.585	1729.334	1368.334	77.62142	112.608	78.17603	79.69826	37.03892	6.766435	56.19465	39.73958	16.45507	27.44262	4
1724.59	1729.339	1368.339	74.86016	71.30774	74.51795	73.89254	56.52428	1.307104	42.16861	27.62055	14.54806	30.297	4
1724.595	1729.345	1368.345	72.85412	62.08967	72.66532	72.99572	59.41174	0.521405	40.06686	23.39212	16.67473	30.66448	4
1724.6	1729.35	1368.35	70.78908	68.80131	70.67108	71.27289	59.13865	0.660725	40.20063	28.45233	11.74829	30.28928	4
1724.605	1729.356	1368.356	66.12798	183.9854	66.8124	68.07502	29.33359	8.620026	62.04639	27.99395	34.05244	25.39201	4
1724.61	1729.361	1368.361	66.7534	151.75	68.05142	68.47623	31.80367	7.410839	60.78549	39.93428	20.85121	26.27507	6
1724.615	1729.367	1368.367	67.34341	173.5837	70.04566	70.25807	15.09432	11.10527	73.80041	54.83262	18.96779	27.21789	6
1724.62	1729.372	1368.372	72.24051	136.5165	73.97514	75.01356	27.05831	8.814736	64.12695	35.8655	28.26145	26.93904	6
1724.625	1729.378	1368.378	75.28497	100.2708	75.99299	76.6184	40.98517	5.457079	53.55775	37.34462	16.21314	27.90305	6
1724.63	1729.383	1368.383	75.20237	72.54702	75.36757	74.21115	51.97711	2.464311	45.55857	16.49018	29.0684	29.75835	6
1724.635	1729.389	1368.389	77.36181	116.8968	77.42081	77.63322	40.08085	5.858126	54.06102	21.02029	33.04073	27.70108	6
1724.64	1729.394	1368.394	78.82504	126.0313	79.54486	80.79568	31.40282	8.519996	60.07718	30.15281	29.92437	27.22986	6
1724.645	1729.4	1368.4	77.36181	142.6294	77.16121	77.42081	35.8655	7.026902	57.1076	34.49438	22.61321	27.0449	6
1724.65	1729.405	1368.405	76.13459	59.22121	76.05199	76.20539	56.26481	1.317525	42.41766	25.73664	16.68102	30.44173	6
1724.655	1729.411	1368.411	74.82476	69.56716	75.21417	76.9606	51.30805	2.598867	46.09308	18.79917	27.29391	29.18375	6

1724.66	1729.416	1368.416	74.74216	92.1389	74.41175	73.95154	51.50025	2.709127	45.79062	31.0278	14.76282	29.12977	6
1724.665	1729.422	1368.422	81.30309	133.1746	81.88131	82.23531	28.49176	9.667864	61.84038	29.81728	32.0231	27.4032	6
1724.67	1729.427	1368.427	81.03169	142.0167	82.02291	82.57752	23.40084	11.28117	65.31798	30.78012	34.53786	27.40066	6
1724.675	1729.433	1368.433	80.34727	67.4367	80.84288	81.3975	45.91985	4.609191	49.47096	19.83647	29.63449	29.12163	6
1724.68	1729.438	1368.438	78.60084	120.8096	79.92247	82.23531	28.2087	9.558167	62.23314	34.42964	27.80349	27.17831	6
1724.685	1729.444	1368.444	76.97241	98.18216	78.09343	82.64832	36.73738	6.836192	56.42643	23.8886	32.53783	27.12755	6
1724.69	1729.449	1368.449	75.67438	101.6494	76.642	79.24985	38.28137	6.228115	55.49052	22.61557	32.87495	27.41349	6
1724.695	1729.455	1368.455	74.50615	122.0071	75.30857	74.83656	35.70989	6.855485	57.43462	25.37945	32.05518	27.45421	6
1724.7	1729.46	1368.46	75.59178	149.7449	77.12581	78.90764	22.32857	10.6564	67.01503	47.15941	19.85563	26.9369	6
1724.705	1729.466	1368.466	79.95787	95.996	80.07587	79.80446	42.29321	5.422657	52.28413	34.82984	17.45429	28.44631	6
1724.71	1729.471	1368.471	79.52126	99.03156	78.78964	77.31461	48.54482	3.430298	48.02488	15.7663	32.25858	29.14164	6
1724.715	1729.477	1368.477	79.82806	111.8143	79.68646	79.46226	40.59654	5.800838	53.60262	21.46872	32.1339	28.03542	6
1724.72	1729.482	1368.482	78.35303	99.61639	78.71884	78.76604	40.97303	5.710573	53.31639	28.90752	24.40887	28.16166	6
1724.725	1729.488	1368.488	79.36785	174.6559	79.69826	78.89584	22.15419	11.05192	66.79388	36.99077	29.80311	27.09169	6
1724.73	1729.493	1368.493	82.97873	272.852	80.84288	79.39145	14.18218	12.25628	73.56154	59.55414	14.0074	26.4476	6
1724.735	1729.499	1368.499	80.76028	196.3504	78.93125	78.69524	32.35879	7.62267	60.01854	37.32744	22.6911	26.30132	6
1724.74	1729.504	1368.504	83.80475	175.7838	82.43592	81.18509	30.96837	7.911756	61.11987	41.07717	20.04271	27.09766	6
1724.745	1729.51	1368.51	82.57752	113.4574	82.88433	83.96995	34.19424	8.116935	57.68883	26.10983	31.57899	27.6453	6
1724.75	1729.515	1368.515	79.42686	109.3636	78.67164	77.30281	46.31422	4.049987	49.63579	16.02078	33.61501	28.69459	6
1724.755	1729.521	1368.521	75.33217	54.64002	75.04897	74.02234	59.66636	0.404617	39.92902	17.74601	22.18302	31.26956	6
1724.76	1729.526	1368.526	68.14582	38.34827	67.47321	65.62057	73.23832	0	26.76168	7.211694	19.54999	30.57673	6
1724.765	1729.532	1368.532	64.97156	74.83065	64.79455	64.77095	63.48893	0	36.51107	15.85643	20.65465	30.61925	6
1724.77	1729.537	1368.537	53.47812	63.94164	53.45452	54.77615	75.50916	0	24.49084	20.20009	4.290756	29.86054	9
1724.775	1729.543	1368.543	50.52806	62.29854	49.50144	48.20341	86.39425	0	13.60575	13.60575	0	32.09024	9
1724.78	1729.548	1368.548	46.62218	74.73318	45.50116	45.19435	87.71009	0	12.28991	3.939339	8.350569	32.55884	9
1724.785	1729.554	1368.554	45.61916	64.10873	45.01735	44.65154	87.1801	0	12.8199	7.087233	5.732662	31.89163	9
1724.79	1729.559	1368.559	44.76954	66.79617	43.48332	43.10571	92.6156	0	7.384399	4.611811	2.772588	33.45928	9
1724.795	1729.565	1368.565	43.88453	69.73426	43.25911	42.11449	87.5975	0	12.4025	6.730934	5.671571	32.28598	9
1724.8	1729.57	1368.57	55.69657	324.6236	52.85271	49.37164	32.24016	13.91732	53.84252	38.20621	15.63631	21.63567	9
1724.805	1729.576	1368.576	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1725.135	1729.939	1368.939	116.1964	84.49431	116.574	114.1432	9.725219	44.23383	46.04095	39.2028	6.838147	26.30939	8
1725.14	1729.944	1368.944	115.3232	116.8132	115.4648	111.6415	4.536436	40.92334	54.54022	53.52032	1.019899	-9999	8
1725.145	1729.95	1368.95	112.2315	117.8576	111.1341	108.8567	16.73048	19.92237	63.34715	40.14868	23.19847	28.59758	8
1725.15	1729.955	1368.955	111.1105	111.7308	110.3907	109.6827	16.31805	22.70456	60.97739	32.51748	28.4599	28.05535	8
1725.155	1729.961	1368.961	97.48123	132.8404	94.80257	92.32452	38.92947	1.873223	59.19731	25.20344	33.99387	29.4708	8
1725.16	1729.966	1368.966	94.18896	52.74628	93.55175	92.66673	45.51996	5.906159	48.57388	24.65164	23.92224	30.08502	8
1725.165	1729.972	1368.972	95.81739	37.27608	95.73479	94.77897	43.46735	8.750103	47.78255	18.43448	29.34807	29.91915	8
1725.17	1729.977	1368.977	98.18924	83.06007	98.23644	100.1717	29.19955	14.43972	56.36073	26.29553	30.0652	27.95423	8
1725.175	1729.983	1368.983	109.4113	83.8677	109.4939	109.8125	18.40548	27.55023	54.04429	36.02356	18.02073	27.30658	8
1725.18	1729.988	1368.988	111.5117	123.7198	112.1489	112.2787	2.530623	40.39035	57.07902	57.07902	0	-9999	8
1725.185	1729.994	1368.994	113.4588	103.5013	114.3084	114.7804	3.986084	46.06294	49.95098	46.89435	3.056629	-9999	8
1725.19	1729.999	1368.999	112.4203	114.5575	112.3731	113.1165	9.216196	32.82775	57.95606	50.03662	7.919442	27.3182	8
1725.195	1730.005	1369.005	111.5235	138.0204	112.1725	116.3026	0	41.52697	58.47303	58.47303	0	-9999	8
1725.2	1730.01	1369.01	107.3226	148.6448	106.1898	115.6772	14.07052	17.3259	68.60359	39.58489	29.0187	26.78657	8
1725.205	1730.016	1369.016	106.8152	115.1841	106.3668	107.653	17.33063	20.98576	61.68362	50.71744	10.96618	27.8033	8
1725.21	1730.021	1369.021	100.8207	129.3175	99.77047	97.83523	24.08934	12.33215	63.57851	45.75372	17.82479	28.63234	8
1725.215	1730.027	1369.027	103.4285	115.755	102.3901	102.5553	24.8808	13.12329	61.99592	33.4261	28.56982	28.3306	8
1725.22	1730.032	1369.032	108.8449	94.81241	109.0101	108.9275	15.6378	28.3355	56.0267	40.85657	15.17014	27.47707	8
1725.225	1730.038	1369.038	106.2606	92.54271	106.001	105.9538	21.85685	20.60541	57.53774	37.11475	20.42299	27.92689	8
1725.23	1730.043	1369.043	103.7826	137.1013	102.7205	101.5877	19.57219	14.61755	65.81026	38.86721	26.94305	28.54906	8
1725.235	1730.049	1369.049	113.6476	99.14296	113.9072	114.1314	9.439709	38.03894	52.52135	41.46766	11.05369	26.74976	8
1725.24	1730.054	1369.054	114.5444	108.918	114.4146	111.6533	9.266986	34.99603	55.73699	50.31067	5.426321	27.62217	8
1725.245	1730.06	1369.06	116.6212	139.0508	117.5888	118.8515	0	58.45846	41.54154	41.54154	0	-9999	8
1725.25	1730.065	1369.065	109.3287	171.7735	107.3816	104.4198	12.93799	12.31236	74.74965	47.81758	26.93207	29.65882	8
1725.255	1730.071	1369.071	93.31574	98.64167	91.3569	89.59866	45.45925	2.520678	52.02008	29.00431	23.01576	29.867	8
1725.26	1730.076	1369.076	92.23012	92.0275	92.02951	91.3097	34.43232	9.567404	56.00028	21.73389	34.26638	28.59661	8
1725.265	1730.082	1369.082	95.93539	118.8462	95.28638	94.87337	28.0085	11.24841	60.74309	31.45905	29.28404	28.24424	8
1725.27	1730.087	1369.087	102.0125	182.1334	101.7175	104.939	4.358494	22.11114	73.53036	73.53036	0	-9999	8
1725.275	1730.093	1369.093	98.30724	200.5417	97.16262	98.62585	9.897079	15.21014	74.89278	50.20483	24.68795	28.30298	8
1725.28	1730.098	1369.098	93.78775	91.0667	92.92633	92.38352	38.35311	7.208956	54.43793	34.83137	19.60656	28.93606	8
1725.285	1730.104	1369.104	95.61679	95.3694	96.2894	96.3838	23.7404	16.72314	59.53645	35.52588	24.01057	28.1039	8
1725.29	1730.109	1369.109	97.90604	78.36749	97.95324	98.72025	30.59571	13.88629	55.51801	39.22733	16.29067	28.25017	8
1725.295	1730.115	1369.115	105.5054	112.984	104.8564	102.7441	20.62277	17.74174	61.63549	48.45792	13.17757	28.5449	8
1725.3	1730.12	1369.12	112.8805	140.123	114.4736	119.4769	0	57.44422	42.55578	42.55578	0	-9999	8
1725.305	1730.126	1369.126	120.8103	101.7329	121.4003	123.843	0	61.66703	38.33297	38.33297	0	-9999	8
1725.31	1730.131	1369.131	111.1813	55.40587	110.6503	109.6591	28.42031	21.16507	50.41462	28.44705	21.96756	28.00767	8
1725.315	1730.137	1369.137	108.8213	74.28759	108.2548	108.2666	26.29653	19.24491	54.45855	23.49362	30.96493	28.00055	8
1725.32	1730.142	1369.142	106.768	127.6326	106.9214	107.8064	9.697453	27.48458	62.81797	48.69181	14.12616	27.92593	8
1725.325	1730.148	1369.148	95.40438	76.86364	95.22738	94.08276	34.99874	10.62358	54.37767	27.21888	27.15879	28.88895	8
1725.33	1730.153	1369.153	94.59017	88.51851	94.10636	92.78473	35.30509	9.305732	55.38917	24.49202	30.89716	28.87432	8
1725.335	1730.159	1369.159	94.70817	75.63828	93.28034	91.3805	45.6297	3.797493	50.57281	34.3892	16.18361	30.19122	1
1725.34	1730.164	1369.164	89.46886	59.30475	88.48944	88.69005	50.9274	2.851583	46.22101	26.9404	19.28061	30.37999	1
1725.345	1730.17	1369.17	85.17357	21.37422	84.96117	85.04377	58.11389	1.384378	40.50174	11.75911	28.74263	31.91157	1

1725.35	1730.175	1369.175	81.24409	21.26282	80.96089	81.29129	62.30468	0	37.69532	19.1645	18.53083	32.19362	1
1725.355	1730.181	1369.181	81.5155	16.04111	81.91671	82.17631	58.01443	1.36365	40.62192	21.21875	19.40317	31.78495	1
1725.36	1730.186	1369.186	77.50342	48.19295	78.49464	79.89887	49.35221	3.380102	47.26769	33.67489	13.5928	29.56195	1
1725.365	1730.192	1369.192	80.04047	31.74803	80.02867	79.12005	58.7712	0.787834	40.44097	21.9008	18.54016	31.79561	1
1725.37	1730.197	1369.197	86.2238	39.49009	85.58658	85.25618	56.05591	1.612658	42.33143	28.00505	14.32638	31.40036	1
1725.375	1730.203	1369.203	86.77841	28.75424	86.2474	86.01139	57.32067	1.446102	41.23322	29.98978	11.24345	31.79543	1
1725.38	1730.208	1369.208	86.01139	26.19212	86.08219	86.17659	53.98232	3.004535	43.01315	20.25136	22.76179	31.13201	1
1725.385	1730.214	1369.214	87.88763	51.1728	88.22984	87.99383	44.10746	6.618647	49.27389	28.76119	20.5127	29.57424	1
1725.39	1730.219	1369.219	93.48094	78.70168	94.31876	96.3484	28.45864	14.58957	56.95178	35.86183	21.08996	27.91103	9
1725.395	1730.225	1369.225	98.59045	92.19459	98.18924	96.98562	30.09506	12.57565	57.32929	39.16228	18.16702	28.60916	9
1725.4	1730.23	1369.23	104.6322	110.5472	105.5526	108.8567	9.852736	30.37623	59.77103	55.67905	4.091985	27.2968	9
1725.405	1730.236	1369.236	108.8449	153.3931	110.2727	112.9041	0	46.221	53.779	53.779	0	-9999	9
1725.41	1730.241	1369.241	103.4521	110.9649	104.4906	105.3992	9.922747	29.63646	60.4408	56.3106	4.130199	27.8336	9
1725.415	1730.247	1369.247	107.948	131.7961	110.1783	114.2376	0	51.75255	48.24745	48.24745	0	-9999	9
1725.42	1730.252	1369.252	111.1105	179.1675	113.978	118.2497	0	72.25638	27.74362	27.74362	0	-9999	9
1725.425	1730.258	1369.258	113.6004	160.7035	115.5474	119.7483	0	66.08584	33.91416	33.91416	0	-9999	9
1725.43	1730.263	1369.263	110.6621	256.9641	111.9129	119.4179	0	55.18733	44.81267	44.81267	0	-9999	9
1725.435	1730.269	1369.269	103.6292	322.688	105.6352	109.3877	0	52.72466	47.27534	47.27534	0	-9999	9
1725.44	1730.274	1369.274	96.70241	231.1897	95.13298	95.64039	7.248981	14.23993	78.51109	58.12457	20.38651	-9999	9
1725.445	1730.28	1369.28	85.91699	144.551	85.59838	85.53938	28.44423	9.646504	61.90926	43.01614	18.89313	27.49198	2
1725.45	1730.285	1369.285	80.76028	84.59178	80.58328	83.48614	46.60111	4.17027	49.22862	18.94315	30.28547	28.4623	2
1725.455	1730.291	1369.291	81.11429	66.04425	80.93729	82.37692	50.76392	3.03368	46.2024	27.14222	19.06018	29.55665	2
1725.46	1730.296	1369.296	84.77237	91.13633	83.14393	81.06709	52.57479	1.632337	45.79287	30.18172	15.61115	30.27631	2
1725.465	1730.302	1369.302	83.48614	64.3176	83.25013	83.88735	49.45693	3.570875	46.97219	26.1756	20.79659	29.68759	2
1725.47	1730.307	1369.307	85.27978	80.37263	84.14695	83.33274	50.87181	2.504646	46.62354	15.32005	31.30349	30.00253	2
1725.475	1730.313	1369.313	88.94965	115.1423	87.02621	85.07917	45.20854	3.002933	51.78852	30.25279	21.53573	29.30204	2
1725.48	1730.318	1369.318	88.79625	100.9253	87.76963	87.81683	41.83984	5.25983	52.90033	29.41247	23.48786	28.75384	2
1725.485	1730.324	1369.324	90.61349	77.92191	90.56628	90.54268	38.1443	8.383044	53.47266	24.97765	28.49501	28.78335	2
1725.49	1730.329	1369.329	93.19774	83.46389	92.04131	89.29186	43.0221	5.072452	51.90544	21.21864	30.6868	29.84834	2
1725.495	1730.335	1369.335	97.18622	93.41996	96.70241	97.16262	31.73057	11.20706	57.06236	36.32236	20.74	28.36774	2
1725.5	1730.34	1369.34	98.60225	83.15755	97.67003	95.91179	36.3865	8.711457	54.90204	33.09125	21.81079	29.24386	2
1725.505	1730.346	1369.346	108.184	191.0869	107.9598	109.4467	0	29.87295	70.12705	70.12705	0	-9999	2
1725.51	1730.351	1369.351	101.0685	170.7988	98.99166	96.3484	21.7792	8.453513	69.76729	50.19681	19.57048	28.86585	2
1725.515	1730.357	1369.357	97.64643	95.04913	96.195	93.57535	38.41198	6.033746	55.55428	32.7417	22.81258	29.55497	2
1725.52	1730.362	1369.362	98.54325	179.6131	96.87941	92.79653	18.76857	10.84668	70.38475	40.96016	29.42459	28.91099	2
1725.525	1730.368	1369.368	91.1327	64.55432	90.42468	89.82287	46.02289	4.937757	49.03936	20.17873	28.86063	29.86118	2
1725.53	1730.373	1369.373	88.45404	63.23148	87.30942	85.89339	52.1911	2.178669	45.63024	22.98875	22.64149	30.76494	2
1725.535	1730.379	1369.379	90.17688	56.97935	89.66947	92.53693	47.1807	4.837221	47.98208	21.98819	25.99389	29.4001	2
1725.54	1730.384	1369.384	101.8945	175.0597	98.80285	95.959	27.85298	2.269278	69.87774	43.05096	26.82678	29.23475	2
1725.545	1730.39	1369.39	92.96173	85.91461	91.3569	91.1327	46.12132	3.145428	50.73325	27.60535	23.12789	29.7421	2
1725.55	1730.395	1369.395	84.72516	48.38789	84.51276	85.07917	51.98911	3.031728	44.97916	32.5645	12.41466	30.3559	2
1725.555	1730.401	1369.401	85.26798	84.56393	83.36814	79.12005	55.81274	0.465633	43.72162	13.92022	29.8014	31.34006	2
1725.56	1730.406	1369.406	93.50454	125.4743	92.23012	86.566	33.48784	7.476462	59.0357	38.55897	20.47674	29.27928	2
1725.565	1730.412	1369.412	97.26882	103.3343	95.959	94.67277	35.65695	7.235876	57.10717	25.22627	31.8809	28.98951	2
1725.57	1730.417	1369.417	99.18046	140.2483	97.75263	93.92935	25.87957	9.835587	64.28485	31.88793	32.39691	28.96182	2
1725.575	1730.423	1369.423	90.87309	130.3897	89.62227	87.76963	34.53635	7.040034	58.42362	22.28708	36.13653	28.40473	1
1725.58	1730.428	1369.428	87.88763	25.71869	87.68703	87.61622	54.47414	2.875295	42.65056	20.46376	22.18681	31.32826	1
1725.585	1730.434	1369.434	85.39778	34.9089	85.04377	84.39476	55.72965	1.929224	42.34113	25.75379	16.58734	31.41956	1
1725.59	1730.439	1369.439	85.50398	49.19551	86.04679	82.44772	45.22424	5.907601	48.86816	17.71637	31.15179	30.27285	1
1725.595	1730.445	1369.445	85.40958	28.87956	85.95239	86.20019	50.22755	4.486421	45.28603	27.69398	17.59205	30.46185	1
1725.6	1730.45	1369.45	79.09645	33.29365	78.67164	77.94003	62.46647	0	37.53353	6.95379	30.57974	31.84721	1
1725.605	1730.456	1369.456	79.78086	51.68801	81.04349	83.30914	44.30776	5.307964	50.38428	18.83775	31.54653	28.90819	1
1725.61	1730.461	1369.461	82.47132	57.32746	83.00233	84.86677	46.13781	4.932596	48.9296	34.58612	14.34348	29.14351	1
1725.615	1730.467	1369.467	84.33576	30.55051	84.46556	85.04377	54.01191	2.74098	43.24711	21.28674	21.96037	30.91659	1
1725.62	1730.472	1369.472	86.5778	61.30989	86.4716	86.2238	46.33449	5.02453	48.64098	29.36867	19.27231	29.65532	1
1725.625	1730.478	1369.478	97.10362	194.206	94.84977	93.10334	21.13412	8.211738	70.65414	43.15886	27.49528	28.26638	10
1725.63	1730.483	1369.483	104.2192	157.5148	103.0037	103.3223	15.41934	15.07136	69.5093	41.9787	27.5306	28.44309	10
1725.635	1730.489	1369.489	111.5825	137.352	111.1223	110.9571	7.671528	28.05123	64.27724	45.74321	18.53403	-9999	10
1725.64	1730.494	1369.494	116.6212	144.3978	116.6094	115.4176	0	43.1302	56.8698	56.8698	0	-9999	10
1725.645	1730.5	1369.5	124.1616	148.2967	125.1882	127.4774	0	86.63183	13.36817	13.36817	0	-9999	10
1725.65	1730.505	1369.505	125.3298	160.2022	126.0732	127.4892	0	85.37005	14.62995	14.62995	0	-9999	10
1725.655	1730.511	1369.511	123.9728	150.9981	124.551	123.9964	0	75.47631	24.52369	24.52369	0	-9999	10
1725.66	1730.516	1369.516	122.9225	138.7305	122.9698	122.3561	0	59.33957	40.66043	40.66043	0	-9999	10
1725.665	1730.522	1369.522	124.4566	107.7762	124.374	124.9168	0.05827	58.87102	41.07071	41.07071	0	-9999	10
1725.67	1730.527	1369.527	123.3002	128.8998	122.9934	122.1319	0	52.09958	47.90042	47.90042	0	-9999	10
1725.675	1730.533	1369.533	120.4091	147.7258	120.8575	119.6775	0	60.7776	39.2224	39.2224	0	-9999	10
1725.68	1730.538	1369.538	122.0847	152.9475	122.2617	118.2733	0	60.60342	39.39658	39.39658	0	-9999	10
1725.685	1730.544	1369.544	124.9286	125.1958	125.259	123.5598	0	71.31607	28.68393	28.68393	0	-9999	10
1725.69	1730.549	1369.549	127.7252	118.9994	128.5631	128.3507	0	95.76933	4.230665	4.230665	0	-9999	10
1725.695	1730.555	1369.555	125.9906	175.7281	127.0054	127.2296	0	96.27692	3.723075	3.723075	0	-9999	10
1725.7	1730.56	1369.56	123.9374	198.2302	125.3416	124.9994	0	98.1063	1.893697	1.893697	0	-9999	10
1725.705	1730.566	1369.566	123.2176	167.1088	124.3268	127.8433	0	85.8953	14.1047	14.1047	0	-9999	10
1725.71	1730.571	1369.571	122.7337	170.0469	124.138	127.5128	0	90.78817	9.211826	9.211826	0	-9999	10

1725.715	1730.577	1369.577	122.5567	194.8465	124.3976	124.9994	0	100	0	0	0	-9999	10
1725.72	1730.582	1369.582	120.8221	220.788	122.6865	122.5685	0	95.89011	4.109889	4.109889	0	-9999	10
1725.725	1730.588	1369.588	119.9725	212.8092	121.6599	122.1437	0	88.07338	11.92662	11.92662	0	-9999	10
1725.73	1730.593	1369.593	122.8045	243.9724	124.9404	126.3328	0	100	0	0	0	-9999	10
1725.735	1730.599	1369.599	124.5746	206.5153	126.0024	127.4184	0	100	0	0	0	-9999	10
1725.74	1730.604	1369.604	126.026	216.9448	127.9613	130.5927	0	100	0	0	0	-9999	10
1725.745	1730.61	1369.61	126.8992	291.3438	129.8257	131.5131	0	100	0	0	0	-9999	10
1725.75	1730.615	1369.615	128.3153	250.7537	130.6281	132.5633	0	100	0	0	0	-9999	10
1725.755	1730.621	1369.621	120.5743	234.462	122.7455	125.436	0	100	0	0	0	-9999	10
1725.76	1730.626	1369.626	121.8959	224.4641	124.02	125.8962	0	100	0	0	0	-9999	10
1725.765	1730.632	1369.632	121.1997	218.031	123.5952	123.7014	0	100	0	0	0	-9999	10
1725.77	1730.637	1369.637	121.6009	277.2243	124.7634	121.0463	0	100	0	0	0	-9999	10
1725.775	1730.643	1369.643	122.5685	264.1491	125.1174	127.0054	0	100	0	0	0	-9999	10
1725.78	1730.648	1369.648	119.8309	241.661	121.8251	123.8784	0	95.621	4.379	4.379	0	-9999	10
1725.785	1730.654	1369.654	122.4033	228.0706	125.1174	126.2974	0	100	0	0	0	-9999	10
1725.79	1730.659	1369.659	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1726.1	1731	1370	71.16669	33.04301	70.61207	70.32887	70.82848	0	29.17152	11.90848	17.26304	30.38921	-9999
1726.105	1731.006	1370.006	69.65625	50.12846	69.32585	70.93068	66.34581	0	33.65419	23.43661	10.21758	30.23182	-9999
1726.11	1731.011	1370.011	73.20813	70.17984	72.74792	74.60056	59.23162	0.668301	40.10008	21.48873	18.61135	30.18032	-9999
1726.115	1731.017	1370.017	71.6741	67.01897	72.41751	73.56214	52.07977	2.168365	45.75186	22.68967	23.06219	29.26815	-9999
1726.12	1731.022	1370.022	68.52343	43.1801	68.35823	68.96004	67.78919	0	32.21081	23.09419	9.11662	30.2233	-9999
1726.125	1731.028	1370.028	70.48227	58.39966	70.91888	71.15489	57.63987	0.767985	41.59214	26.16826	15.42388	30.32611	-9999
1726.13	1731.033	1370.033	74.80116	79.98274	76.41779	78.28223	39.2982	5.788817	54.91298	20.17319	34.73979	27.98178	-9999
1726.135	1731.039	1370.039	72.20511	78.0333	72.35851	70.49407	53.49837	2.039611	44.46202	26.84492	17.6171	29.78023	-9999
1726.14	1731.044	1370.044	73.37333	100.4936	73.84534	75.41477	44.519	4.425042	51.05596	30.59778	20.45817	27.82678	-9999
1726.145	1731.05	1370.05	73.16093	74.87243	74.21115	76.5004	46.4336	3.70534	49.86106	33.74273	16.11833	28.38434	6
1726.15	1731.055	1370.055	80.64228	61.22634	80.73668	80.99629	50.26071	3.25601	46.48328	22.39557	24.08771	29.76503	6
1726.155	1731.061	1370.061	79.47406	65.37587	79.04925	80.61868	54.35518	1.874936	43.76989	31.93677	11.83312	29.94653	6
1726.16	1731.066	1370.066	77.49162	65.75183	78.41203	80.14667	45.66252	4.396353	49.94112	19.31824	30.62288	28.7851	6
1726.165	1731.072	1370.072	80.05227	66.97719	80.47708	77.63322	46.85116	4.278162	48.87067	28.50565	20.36502	29.82241	6
1726.17	1731.077	1370.077	79.92247	61.63016	80.11127	80.13487	50.0936	3.268791	46.63761	21.70042	24.93718	29.74639	6
1726.175	1731.083	1370.083	80.07587	57.34139	79.74546	78.96665	55.01424	1.732497	43.25327	24.92177	18.3315	30.66431	6
1726.18	1731.088	1370.088	77.13761	44.83712	77.19661	76.11099	57.72556	0.927574	41.34687	27.17863	14.16824	31.23744	6
1726.185	1731.094	1370.094	76.5594	40.95217	76.19359	74.78936	62.48994	0	37.51006	21.3708	16.13926	31.66765	6
1726.19	1731.099	1370.099	75.85138	38.97488	74.64776	73.52673	70.1129	0	29.8871	20.39928	9.487823	30.60826	6
1726.195	1731.105	1370.105	72.27591	29.25553	71.36729	69.93946	73.46812	0	26.53188	10.87029	15.66158	30.54052	6
1726.2	1731.11	1370.11	69.77426	36.35706	68.86564	68.72404	74.05107	0	25.94893	7.119771	18.82916	30.28632	6
1726.205	1731.116	1370.116	63.72073	22.58566	63.82694	64.07474	75.08813	0	24.91187	20.11646	4.79541	29.69767	6
1726.21	1731.121	1370.121	63.40213	31.56701	62.70591	61.33708	79.42649	0	20.57351	17.71112	2.862388	30.52208	6
1726.215	1731.127	1370.127	67.48501	64.02518	67.54401	67.47321	61.96244	0	38.03756	16.93881	21.09876	30.73803	6
1726.22	1731.132	1370.132	68.35823	52.49564	68.31103	69.58545	64.77229	0	35.22771	16.73495	18.49275	30.29277	6
1726.225	1731.138	1370.138	65.31377	37.93054	65.84478	65.51437	66.61681	0	33.38319	16.4131	16.97009	30.03074	6
1726.23	1731.143	1370.143	65.16036	62.66058	65.45537	64.28714	62.60231	0	37.39769	17.44152	19.95617	30.6559	6
1726.235	1731.149	1370.149	65.84478	67.7152	67.0602	66.37579	53.61618	1.400354	44.98346	12.80561	32.17786	29.47129	6
1726.24	1731.154	1370.154	66.63539	50.82469	66.16338	64.79455	70.05394	0	29.94606	19.9194	10.02666	30.5226	6
1726.245	1731.16	1370.16	70.05746	37.47102	69.46745	69.63265	71.05174	0	28.94826	22.62002	6.328239	30.26842	6
1726.25	1731.165	1370.165	73.62114	72.82551	73.01932	70.91888	59.30883	0.677709	40.01346	10.65365	29.35982	30.89006	6
1726.255	1731.171	1370.171	72.77152	57.17429	72.27591	72.0871	63.055	0	36.945	24.95974	11.98525	31.01783	6
1726.26	1731.176	1370.176	72.26411	41.43953	72.0399	72.57091	65.22624	0	34.77376	16.93857	17.83519	30.66747	6
1726.265	1731.182	1370.182	71.23749	48.52713	70.42327	69.84506	69.02812	0	30.97188	10.43123	20.54064	30.56341	6
1726.27	1731.187	1370.187	74.15215	57.02112	73.36153	72.52371	64.10819	0	35.89181	13.83719	22.05463	31.06131	6
1726.275	1731.193	1370.193	72.13431	68.71776	71.10768	71.24929	64.96305	0	35.03695	16.17322	18.86372	30.74737	6
1726.28	1731.198	1370.198	72.19331	83.35249	70.87168	66.24598	63.65347	0	36.34653	12.96149	23.38505	31.76042	6
1726.285	1731.204	1370.204	70.98968	73.80023	70.17547	65.66777	63.14002	0	36.85998	18.98421	17.87577	31.75578	6
1726.29	1731.209	1370.209	69.06624	55.39195	67.99242	65.85658	71.37633	0	28.62367	12.69861	15.92507	30.80487	6
1726.295	1731.215	1370.215	64.68835	48.02585	63.41393	60.79427	78.74126	0	21.25874	14.76804	6.490694	31.07373	6
1726.3	1731.22	1370.22	68.46443	60.33517	67.80362	65.44357	67.53292	0	32.46708	5.424574	27.04251	30.93783	6
1726.305	1731.226	1370.226	65.69137	45.00422	65.20756	65.13676	72.42244	0	27.57756	20.75688	6.820674	30.18517	6
1726.31	1731.231	1370.231	64.01574	30.62013	63.57913	61.53769	77.07917	0	22.92083	16.38855	6.532286	30.44482	6
1726.315	1731.237	1370.237	57.2778	38.51537	57.64361	58.00942	75.1487	0	24.8513	8.527618	16.32369	29.45819	6
1726.32	1731.242	1370.242	57.76161	78.22825	57.4902	52.10929	70.03148	0	29.96852	10.69135	19.27717	31.31859	6
1726.325	1731.248	1370.248	60.75887	76.13956	60.23966	55.07116	69.69995	0	30.30005	23.2555	7.044553	31.39695	6
1726.33	1731.253	1370.253	62.51711	77.10036	61.11288	57.91501	74.70875	0	25.29125	9.090893	16.20036	31.46786	6
1726.335	1731.259	1370.259	63.04812	57.71735	62.70591	61.44329	70.68024	0	29.31976	14.01587	15.30389	30.42008	6
1726.34	1731.264	1370.264	67.87442	79.74603	67.63841	67.70921	60.08603	0.694933	39.21903	21.96781	17.25122	30.08078	6
1726.345	1731.27	1370.27	68.33463	74.81673	68.78304	72.60632	55.55132	1.401636	43.04704	21.46089	21.58615	28.85127	6
1726.35	1731.275	1370.275	70.43507	99.21258	71.15489	72.24051	45.61173	3.964329	50.42395	34.13859	16.28535	27.86713	6
1726.355	1731.281	1370.281	71.9101	78.2561	72.15791	73.90434	52.98424	2.144235	44.87152	25.83254	19.03898	29.02474	6
1726.36	1731.286	1370.286	71.33189	72.33815	71.10768	72.47651	58.60641	0.838894	40.55469	26.35361	14.20108	29.99632	6
1726.365	1731.292	1370.292	69.86866	111.4801	67.75642	64.67655	65.11253	0.51161	34.37586	17.94396	16.4319	30.95821	6
1726.37	1731.297	1370.297	64.25174	98.26571	62.88292	58.91803	67.71651	0.155148	32.12834	22.62063	9.507712	31.53988	7
1726.375	1731.303	1370.303	58.82363	56.74263	58.63483	59.81485	73.61377	0	26.38623	23.42502	2.961204	29.83887	7
1726.38	1731.308	1370.308	58.25722	66.99112	58.06842	58.02122	71.65474	0	28.34526	11.58635	16.75891	30.15448	7

1726.385	1731.314	1370.314	60.33406	101.3987	61.01848	66.9658	54.64996	1.988835	43.36121	12.83436	30.52684	27.19098	7
1726.39	1731.319	1370.319	61.77369	106.9964	62.81211	67.88622	49.2273	2.9737	47.799	32.40089	15.3981	26.73896	7
1726.395	1731.325	1370.325	60.51107	85.03736	60.94768	61.83269	60.36706	0.671361	38.96158	25.70275	13.25883	29.36526	7
1726.4	1731.33	1370.33	59.83845	120.0159	60.12166	60.03906	53.70993	2.792632	43.49744	30.40261	13.09483	27.67044	7
1726.405	1731.336	1370.336	60.47567	126.6718	61.04208	61.43149	49.31811	3.602165	47.07972	14.34374	32.73599	27.01835	7
1726.41	1731.341	1370.341	61.50229	124.7781	62.90652	64.74735	42.33882	4.509852	53.15132	35.73129	17.42003	26.43961	7
1726.415	1731.347	1370.347	62.58791	71.46091	63.17792	63.37853	60.55299	0.240861	39.20615	21.95978	17.24637	30.00616	7
1726.42	1731.352	1370.352	65.14856	64.23405	65.04236	64.52315	65.34175	0	34.65825	14.97567	19.68258	30.48875	7
1726.425	1731.358	1370.358	62.2693	75.10914	62.74131	63.82694	60.87775	0.307971	38.81428	25.10407	13.7102	29.78177	7
1726.43	1731.363	1370.363	61.19548	53.91594	61.37248	61.52589	69.28072	0	30.71928	5.828135	24.89114	29.85627	7
1726.435	1731.369	1370.369	60.29866	44.09912	60.87687	60.84147	69.3721	0	30.6279	14.93486	15.69304	29.55439	7
1726.44	1731.374	1370.374	59.41364	43.50036	59.39004	58.15102	74.99526	0	25.00474	22.23738	2.767356	30.08327	7
1726.445	1731.38	1370.38	58.68203	48.37396	58.83543	60.99488	73.11716	0	26.88284	9.885437	16.9974	29.35539	7
1726.45	1731.385	1370.385	60.46387	53.17794	61.23088	64.74735	65.55981	0	34.44019	7.126522	27.31367	29.01798	7
1726.455	1731.391	1370.391	62.0333	56.8401	62.74131	66.55279	63.68695	0	36.31305	22.36745	13.9456	29.23369	7
1726.46	1731.396	1370.396	61.47869	42.74844	61.66749	63.22512	71.63126	0	28.36874	20.04322	8.325528	29.47163	7
1726.465	1731.402	1370.402	61.67929	80.33086	61.73829	62.1277	63.35773	0.146649	36.49563	16.12381	20.37181	30.16358	7
1726.47	1731.407	1370.407	58.37522	103.0279	58.45782	58.89443	60.72188	1.283976	37.99415	22.41924	15.57491	28.88246	7
1726.475	1731.413	1370.413	54.17434	68.73169	54.52834	54.57554	70.78299	0	29.21701	23.63227	5.584742	29.75614	7
1726.48	1731.418	1370.418	53.11231	91.27557	53.17132	54.59915	68.59072	0	31.40928	9.05199	22.35729	30.01545	7
1726.485	1731.424	1370.424	53.07691	73.86986	53.34832	53.13592	71.18934	0	28.81066	15.09876	13.7119	29.92817	7
1726.49	1731.429	1370.429	55.03575	87.29314	55.49596	53.06511	64.67554	0.138961	35.1855	20.73566	14.44984	30.29197	7
1726.495	1731.435	1370.435	59.31924	55.99071	59.00064	58.08022	74.34575	0	25.65425	10.27487	15.37938	30.30943	7
1726.5	1731.44	1370.44	70.80088	139.9002	67.87442	62.41091	63.68741	1.341255	34.97133	23.13342	11.83791	30.51117	7
1726.505	1731.446	1370.446	71.9927	126.7972	71.07228	70.08106	50.21505	3.51158	46.27337	31.67685	14.59652	28.11426	7
1726.51	1731.451	1370.451	73.82174	191.8945	72.55911	73.53853	35.43087	7.592179	56.97695	28.78824	28.18871	25.60999	7
1726.515	1731.457	1370.457	73.56214	227.3465	73.75094	75.10797	15.84175	12.51815	71.64009	45.11512	26.52497	25.94506	7
1726.52	1731.462	1370.462	69.17244	257.9666	68.75944	68.92464	17.13424	12.69292	70.17283	56.56221	13.61062	25.03053	7
1726.525	1731.468	1370.468	72.77152	276.5838	71.53249	71.27289	15.71937	13.21239	71.06823	44.71213	26.3561	25.11023	7
1726.53	1731.473	1370.473	77.55062	261.6149	77.00781	78.55364	9.549421	14.36486	76.08572	69.6313	6.454424	26.34259	7
1726.535	1731.479	1370.479	74.56516	274.4951	73.97514	74.97816	9.544838	14.49411	75.96106	60.4768	15.48425	25.98389	7
1726.54	1731.484	1370.484	71.00148	281.9169	70.98968	69.05444	6.5462	15.25808	78.19572	59.38734	18.80838	-9999	7
1726.545	1731.49	1370.49	67.62661	145.7903	67.70921	69.30225	41.86211	5.540584	52.59731	27.75754	24.83977	26.298	7
1726.55	1731.495	1370.495	63.98034	120.8374	64.06294	63.63813	51.25527	3.239669	45.50507	33.06027	12.44479	27.7206	7
1726.555	1731.501	1370.501	65.64417	93.87947	63.98034	63.21332	69.78325	0	30.21675	18.39813	11.81863	31.11494	2
1726.56	1731.506	1370.506	64.90076	74.73318	63.10712	60.99488	76.10656	0	23.89344	17.469	6.424439	31.31208	2
1726.565	1731.512	1370.512	66.08078	49.23729	65.59697	64.06294	71.03978	0	28.96022	23.746	5.214212	30.50761	2
1726.57	1731.517	1370.517	68.44083	40.47873	68.27563	66.8714	68.51891	0	31.48109	15.78377	15.69732	30.53788	2
1726.575	1731.523	1370.523	70.28167	62.98084	69.58545	68.16942	65.49516	0	34.50484	25.31865	9.186183	30.94009	2
1726.58	1731.528	1370.528	70.05746	48.77778	69.89226	69.89226	65.02324	0	34.97676	5.971407	29.00535	30.62376	2
1726.585	1731.534	1370.534	73.53853	132.3252	71.8747	69.20785	53.21656	2.857613	43.92583	13.54471	30.38112	28.75594	2
1726.59	1731.539	1370.539	65.83298	46.88404	65.64417	65.51437	69.55096	0	30.44904	7.688776	22.76027	30.17358	2
1726.595	1731.545	1370.545	63.98034	67.63165	63.33132	59.42544	69.80108	0	30.19892	16.73155	13.46737	31.13948	2
1726.6	1731.55	1370.55	68.59423	56.70086	68.61783	68.33463	62.98879	0	37.01121	7.887975	29.12323	30.73957	2
1726.605	1731.556	1370.556	66.32859	34.65826	65.97458	65.16036	73.33396	0	26.66604	22.45984	4.206203	30.2243	2
1726.61	1731.561	1370.561	67.1074	98.71129	64.49955	61.43149	74.58392	0	25.41608	11.20407	14.21201	31.74969	2
1726.615	1731.567	1370.567	73.43233	153.2399	71.52069	66.8714	50.1734	3.850209	45.97639	22.80491	23.17148	28.28913	2
1726.62	1731.572	1370.572	75.87498	130.0555	73.84534	65.44357	54.45131	2.262933	43.28576	13.44699	29.83877	30.21912	2
1726.625	1731.578	1370.578	72.90132	75.875	71.7449	69.17244	63.53132	0	36.46868	13.01127	23.45741	31.37322	2
1726.63	1731.583	1370.583	82.49492	100.4101	82.66012	79.94607	38.52511	6.794593	54.6803	22.2947	32.3856	28.69354	2
1726.635	1731.589	1370.589	83.20293	319.931	82.37692	79.46226	0	19.03313	80.96687	80.96687	0	-9999	2
1726.64	1731.594	1370.594	70.29347	156.3451	68.51163	59.86205	51.30373	4.023548	44.67272	22.52928	22.14344	28.8175	2
1726.645	1731.6	1370.6	66.48199	62.71627	65.13676	63.28412	74.08475	0	25.91525	15.50248	10.41278	30.89462	2
1726.65	1731.605	1370.605	66.38759	67.15821	65.06596	61.12468	72.91374	0	27.08626	11.76027	15.32599	31.30719	2
1726.655	1731.611	1370.611	70.42327	72.57487	69.25505	67.29621	66.70121	0	33.29879	7.144296	26.1545	31.03334	2
1726.66	1731.616	1370.616	75.42657	95.06306	74.21115	71.9691	57.02184	1.36502	41.61314	25.52114	16.09201	30.18043	2
1726.665	1731.622	1370.622	73.80994	145.3029	71.04868	63.47293	58.33129	1.952915	39.7158	21.35189	18.3639	30.11581	2
1726.67	1731.627	1370.627	66.8242	54.79319	66.16338	63.81513	70.38309	0	29.61691	22.80103	6.815879	30.76884	2
1726.675	1731.633	1370.633	67.56761	84.74495	65.08956	63.17792	76.53441	0	23.46559	5.749107	17.71648	31.36556	2
1726.68	1731.638	1370.638	68.19302	152.5298	66.15158	61.01848	56.17139	3.291785	40.53683	12.39474	28.14208	28.68094	2
1726.685	1731.644	1370.644	66.30499	66.79617	64.95976	61.80909	73.26025	0	26.73975	12.14012	14.59963	31.16811	2
1726.69	1731.649	1370.649	70.78908	77.15606	70.67108	68.88924	57.1168	1.22467	41.65853	19.47316	22.18537	30.19826	2
1726.695	1731.655	1370.655	72.88952	53.09439	72.48831	72.44111	63.20216	0	36.79784	7.811542	28.9863	30.98899	2
1726.7	1731.66	1370.66	75.09617	96.24664	73.98694	71.34369	56.21632	1.593123	42.19056	27.0591	15.13146	30.08123	2
1726.705	1731.666	1370.666	70.22267	90.37047	69.03084	67.96882	62.76213	0.406982	36.83089	18.78059	18.0503	30.66437	2
1726.71	1731.671	1370.671	72.0399	78.089	70.88348	67.57941	63.78803	0	36.21197	24.7953	11.41667	31.49349	2
1726.715	1731.677	1370.677	65.49077	79.17512	63.86234	60.27506	73.20847	0	26.79153	8.223841	18.56769	31.47968	2
1726.72	1731.682	1370.682	64.61755	34.50509	64.55855	64.70015	72.65888	0	27.34112	14.83412	12.507	29.89168	2
1726.725	1731.688	1370.688	78.14063	100.5772	76.29979	74.94276	58.03744	0.842556	41.12001	25.72756	15.39245	30.27652	2
1726.73	1731.693	1370.693	75.32037	87.12605	72.18151	69.83326	73.94695	0	26.05305	7.876895	18.17615	30.33457	2
1726.735	1731.699	1370.699	73.19633	75.98639	72.85412	77.37361	56.92278	1.264192	41.81303	22.25723	19.5558	29.18164	2
1726.74	1731.704	1370.704	70.67108	57.38316	70.05746	68.99544	65.85138	0	34.14862	14.35464	19.79398	30.83825	2
1726.745	1731.71	1370.71	66.21058	26.54023	65.80938	65.08956	75.77289	0	24.22711	20.51897	3.708145	30.17484	2

1726.75	1731.715	1370.715	65.58517	33.58607	65.95098	66.7888	68.69881	0	31.30119	17.38183	13.91936	29.7626	2
1726.755	1731.721	1370.721	67.1192	61.30989	67.54401	67.0248	60.12107	0.201608	39.67732	24.67632	15.001	30.59338	2
1726.76	1731.726	1370.726	66.55279	51.91081	67.0012	64.36975	62.73385	0	37.26615	25.1349	12.13125	30.91967	2
1726.765	1731.732	1370.732	67.0956	46.04856	67.33161	65.37277	65.29926	0	34.70074	15.24541	19.45534	30.67274	2
1726.77	1731.737	1370.737	69.64445	49.65503	70.04566	70.85988	60.80122	0	39.19878	23.72932	15.46945	30.78483	2
1726.775	1731.743	1370.743	75.29677	83.60313	74.60056	74.47075	55.89067	1.552935	42.55639	21.21009	21.3463	29.85356	2
1726.78	1731.748	1370.748	77.11401	152.4462	75.20237	73.82174	46.97833	4.101125	48.92054	20.28483	28.63572	27.69957	2
1726.785	1731.754	1370.754	78.38843	139.8027	77.23201	75.40297	43.01267	4.98411	52.00322	22.22505	29.77817	27.83214	2
1726.79	1731.759	1370.759	76.31159	161.4136	73.12553	71.55609	55.42324	2.2967	42.28006	18.52363	23.75643	28.44607	2
1726.795	1731.765	1370.765	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1727.125	1732.128	1371.128	71.32009	51.07533	70.63567	68.14582	67.3295	0	32.6705	13.32496	19.34554	31.00876	-9999
1727.13	1732.133	1371.133	77.49162	103.4596	77.55062	71.55609	43.21324	4.989971	51.79679	28.07884	23.71795	29.27646	-9999
1727.135	1732.139	1371.139	82.41232	113.0536	83.03773	81.05529	31.97475	8.942146	59.08311	28.85762	30.22548	28.15717	-9999
1727.14	1732.144	1371.144	82.53032	100.3405	82.90793	81.07889	36.86325	7.416439	55.72031	32.03025	23.69005	28.45236	-9999
1727.145	1732.15	1371.15	83.29734	118.9019	83.65134	81.4683	31.84863	8.936227	59.21514	36.19195	23.02319	28.13221	-9999
1727.15	1732.155	1371.155	82.05831	96.58083	82.19991	81.6335	40.03637	6.296942	53.66669	30.66672	22.99997	28.4193	-9999
1727.155	1732.161	1371.161	82.22351	94.47822	82.57752	82.07011	38.74708	6.821837	54.43108	18.85148	35.5796	28.37816	-9999
1727.16	1732.166	1371.166	82.29431	88.04507	82.42412	81.7751	41.97635	5.779708	52.24394	22.16078	30.08316	28.71573	-9999
1727.165	1732.172	1371.172	80.97269	81.51445	81.30309	82.35332	43.21798	5.371662	51.41036	24.67028	26.74008	28.54965	-9999
1727.17	1732.177	1371.177	71.10768	77.86621	71.08408	70.69468	55.92021	1.48823	42.59156	24.3051	18.28645	29.76465	-9999
1727.175	1732.183	1371.183	67.2254	84.68925	67.1664	68.47623	58.11509	1.15532	40.72959	20.20703	20.52256	29.36909	2
1727.18	1732.188	1371.188	64.21634	66.48983	64.19274	64.16914	65.01333	0	34.98667	24.86753	10.11914	30.356	2
1727.185	1732.194	1371.194	64.54675	50.51835	64.03934	61.9625	72.32398	0	27.67602	6.824355	20.85166	30.57721	2
1727.19	1732.199	1371.199	63.18972	46.20173	62.88292	61.71469	73.06239	0	26.93761	6.824413	20.1132	30.27215	2
1727.195	1732.205	1371.205	60.32226	54.29191	59.83845	58.91803	75.1144	0	24.8856	6.344791	18.54081	30.39493	2
1727.2	1732.21	1371.21	58.87083	40.06099	58.43422	57.207	79.52779	0	20.47221	17.38157	3.090642	30.46197	2
1727.205	1732.216	1371.216	63.27232	49.98921	62.78851	63.77973	73.4416	0	26.5584	8.087174	18.47123	29.98356	2
1727.21	1732.221	1371.221	63.41393	36.80264	63.16612	63.47293	74.67344	0	25.32656	18.2282	7.098363	29.91455	2
1727.215	1732.227	1371.227	64.19274	33.33543	64.14554	63.80333	73.24131	0	26.75869	16.66148	10.09721	29.94423	2
1727.22	1732.232	1371.232	63.82694	57.1186	63.55553	63.64993	69.55991	0	30.44009	8.437974	22.00211	30.16274	2
1727.225	1732.238	1371.238	63.88594	55.18308	63.18972	62.0451	73.26629	0	26.73371	20.86468	5.869022	30.51135	2
1727.23	1732.243	1371.243	59.81485	74.71926	59.86205	58.63483	66.52247	0	33.47753	15.94798	17.52955	30.40663	2
1727.235	1732.249	1371.249	59.08324	133.9962	56.72319	53.45452	71.50673	1.425019	27.06825	20.58208	6.486177	30.87672	2
1727.24	1732.254	1371.254	58.62303	55.82361	58.50503	58.56403	73.47202	0	26.52798	6.990018	19.53796	29.98135	2
1727.245	1732.26	1371.26	58.50503	47.34355	58.77643	60.48747	72.61485	0	27.38515	12.33741	15.04774	29.33973	2
1727.25	1732.265	1371.265	59.53165	46.74479	59.54345	60.48747	73.82719	0	26.17281	5.985151	20.18765	29.66446	2
1727.255	1732.271	1371.271	62.1631	65.09738	61.58489	60.71167	71.53752	0	28.46248	18.05568	10.4068	30.49866	2
1727.26	1732.276	1371.276	62.65871	50.08669	62.1985	59.67325	73.79963	0	26.20037	16.54706	9.653309	30.62057	2
1727.265	1732.282	1371.282	65.72677	33.23795	65.53797	65.36097	72.95101	0	27.04899	13.67754	13.37145	30.02342	2
1727.27	1732.287	1371.287	65.40817	38.3065	65.29017	64.46415	71.46883	0	28.53117	7.651173	20.88	30.15698	2
1727.275	1732.293	1371.293	62.96552	41.62055	62.41091	61.9625	76.29779	0	23.70221	20.00278	3.699433	30.25176	2
1727.28	1732.298	1371.298	57.80881	36.20389	57.91501	56.79399	77.23149	0	22.76851	17.43023	5.338286	29.94603	2
1727.285	1732.304	1371.304	58.05662	48.26257	57.148	54.95315	81.95017	0	18.04983	12.57482	5.475015	31.20554	2
1727.29	1732.309	1371.309	62.94192	58.5389	61.37248	60.85327	80.09012	0	19.90988	4.712026	15.19785	31.04642	2
1727.295	1732.315	1371.315	64.26354	41.81549	63.85054	64.14554	73.95901	0	26.04099	13.03607	13.00493	30.0322	2
1727.3	1732.32	1371.32	68.39363	72.67234	66.56459	64.99516	73.6662	0	26.3338	17.49135	8.842452	30.93314	2
1727.305	1732.326	1371.326	72.93672	101.2038	71.7095	69.08984	57.91789	1.414868	40.66724	11.25764	29.4096	30.06418	2
1727.31	1732.331	1371.331	67.95702	139.6217	65.12496	60.47567	65.63954	1.448164	32.91229	17.79763	15.11466	30.48158	2
1727.315	1732.337	1371.337	64.49955	51.46522	63.20152	62.91832	78.26554	0	21.73446	21.73446	0	30.65848	2
1727.32	1732.342	1371.342	63.07172	34.56079	62.80031	61.9153	75.7137	0	24.2863	12.15256	12.13374	30.135	2
1727.325	1732.348	1371.348	61.64389	23.15656	61.9389	62.0451	75.39744	0	24.60256	14.77201	9.830554	29.54344	2
1727.33	1732.353	1371.353	64.00394	36.99759	63.89774	64.40515	72.98603	0	27.01397	14.41998	12.594	29.82891	2
1727.335	1732.359	1371.359	69.66806	80.79037	68.47623	69.42025	65.59076	0	34.40924	21.23312	13.17613	30.6081	8
1727.34	1732.364	1371.364	76.76	132.9797	74.12855	71.20209	57.59349	1.385888	41.02062	29.65068	11.36994	29.68404	8
1727.345	1732.37	1371.37	83.23833	155.064	82.16451	79.55666	34.21736	7.217942	58.5647	23.06224	35.50246	27.65486	8
1727.35	1732.375	1371.375	88.71365	159.6034	89.11485	89.52786	16.65005	14.64136	68.7086	40.92694	27.78166	27.80297	8
1727.355	1732.381	1371.381	85.03197	256.3792	85.58658	80.90189	0	19.68466	80.31534	80.31534	0	-9999	8
1727.36	1732.386	1371.386	74.23475	219.5766	71.22569	66.34039	41.88673	6.566539	51.54673	26.37753	25.1692	26.25801	8
1727.365	1732.392	1371.392	66.7534	50.08669	66.16338	67.24901	71.03849	0	28.96151	14.98611	13.9754	30.06446	8
1727.37	1732.397	1371.397	69.08984	33.78101	67.96882	66.26959	76.95027	0	23.04973	11.51566	11.53407	30.59251	8
1727.375	1732.403	1371.403	71.9101	34.01773	71.15489	71.24929	71.46334	0	28.53666	16.08161	12.45505	30.31108	8
1727.38	1732.408	1371.408	68.12222	22.97554	67.54401	67.57941	76.24861	0	23.75139	9.440648	14.31074	30.10773	8
1727.385	1732.414	1371.414	69.10164	29.72896	68.32283	67.63841	75.2679	0	24.7321	5.955104	18.77699	30.31936	8
1727.39	1732.419	1371.419	71.30829	38.58499	70.02206	68.52343	75.02706	0	24.97294	22.96035	2.012589	30.54401	8
1727.395	1732.425	1371.425	67.74462	34.57471	67.34341	66.36399	72.41724	0	27.58276	15.22228	12.36049	30.31535	8
1727.4	1732.43	1371.43	68.02782	27.45926	68.12222	68.27563	70.03765	0	29.96235	13.35582	16.60654	30.05536	8
1727.405	1732.436	1371.436	68.83024	74.67748	68.09862	66.09258	64.27425	0	35.72575	25.20264	10.52311	31.14826	8
1727.41	1732.441	1371.441	72.92492	74.28759	72.22871	70.50587	60.32713	0.48691	39.18595	11.3162	27.86975	30.90512	8
1727.415	1732.447	1371.447	82.93153	110.9231	83.26193	83.55694	34.29894	8.166505	57.53455	26.29701	31.23755	27.82216	8
1727.42	1732.452	1371.452	76.25259	95.84283	75.46197	73.47953	52.78093	2.381504	44.83757	19.36448	25.47309	29.56131	8
1727.425	1732.458	1371.458	68.79484	88.64383	66.69439	63.63813	71.53538	0	28.46462	9.805849	18.65877	31.35566	8
1727.43	1732.463	1371.463	79.09645	182.4258	76.5122	74.82476	43.11218	4.873522	52.0143	18.32931	33.68499	27.00725	8
1727.435	1732.469	1371.469	81.5745	180.6017	80.26467	78.69524	31.39701	7.959605	60.64339	39.95588	20.68751	26.87988	8

1727.44	1732.474	1371.474	80.57148	167.5405	80.37088	80.61868	26.88413	9.648319	63.46755	37.59526	25.87229	26.80877	8
1727.445	1732.48	1371.48	75.20237	195.7377	72.52371	68.61783	44.20487	5.509864	50.28527	20.20499	30.08028	26.83675	8
1727.45	1732.485	1371.485	78.70704	191.0034	76.9134	75.70978	35.2674	7.106566	57.62604	27.66884	29.95719	26.40289	8
1727.455	1732.491	1371.491	75.42657	88.36534	74.73036	73.75094	54.6188	1.89984	43.48136	28.71315	14.7682	29.72669	8
1727.46	1732.496	1371.496	71.8039	55.78184	72.27591	72.60632	56.78313	0.981205	42.23566	22.13388	20.10178	30.29707	8
1727.465	1732.502	1371.502	66.777	68.07723	68.12222	70.62387	51.66496	1.834269	46.50077	24.49129	22.00948	28.6871	8
1727.47	1732.507	1371.507	64.58215	54.15266	65.24296	64.74735	62.35817	0	37.64183	20.25263	17.38919	30.32095	8
1727.475	1732.513	1371.513	62.50531	25.05031	62.0451	61.06568	79.99957	0	20.00043	15.07589	4.924542	30.30286	8
1727.48	1732.518	1371.518	65.77398	36.85834	65.95098	65.32557	69.19645	0	30.80355	8.175806	22.62775	30.09552	8
1727.485	1732.524	1371.524	69.04264	35.73045	68.61783	68.31103	71.12627	0	28.87373	19.76891	9.104821	30.27844	9
1727.49	1732.529	1371.529	69.21965	55.72614	68.88924	67.75642	65.39285	0	34.60715	22.47999	12.12716	30.78432	9
1727.495	1732.535	1371.535	69.01904	61.8808	68.45263	68.38183	65.91702	0	34.08298	24.69252	9.390461	30.60082	9
1727.5	1732.54	1371.54	70.57667	63.06439	70.43507	72.42931	60.9053	0.194367	38.90033	24.01445	14.88588	30.42369	9
1727.505	1732.546	1371.546	70.89528	75.29016	69.52645	68.51163	67.16454	0	32.83546	13.65165	19.18381	30.83903	9
1727.51	1732.551	1371.551	67.53221	75.19269	67.1428	68.58243	62.69165	0.128485	37.17987	27.47098	9.70889	30.35879	9
1727.515	1732.557	1371.557	68.91284	70.37479	68.99544	68.91284	58.92933	0.695792	40.37488	12.90154	27.47334	30.20098	9
1727.52	1732.562	1371.562	72.38211	61.89472	71.50889	71.00148	65.19737	0	34.80263	7.5168	27.28583	30.8341	9
1727.525	1732.568	1371.568	76.28799	114.8359	75.99299	76.6184	44.31105	4.674507	51.01445	26.54454	24.4699	27.83061	9
1727.53	1732.573	1371.573	75.66258	67.75697	75.36757	72.65352	56.27954	1.34511	42.37535	26.04721	16.32814	30.74049	9
1727.535	1732.579	1371.579	79.75726	79.80172	79.20265	77.00781	51.60954	2.61298	45.77748	28.9738	16.80368	29.99052	9
1727.54	1732.584	1371.584	83.42714	88.51851	83.00233	81.33849	45.11782	4.630748	50.25143	33.75587	16.49556	29.21559	9
1727.545	1732.59	1371.59	86.389	138.8698	85.39778	78.55364	34.5976	7.206042	58.19636	32.08544	26.11092	28.90564	9
1727.55	1732.595	1371.595	90.66069	146.6814	90.34208	84.81957	23.56446	11.90209	64.53346	44.53676	19.99669	28.74783	9
1727.555	1732.601	1371.601	89.13846	120.0577	88.04103	86.18839	37.44369	6.396818	56.15949	31.96582	24.19367	28.54235	9
1727.56	1732.606	1371.606	85.86979	86.63869	85.65738	84.11155	41.67937	6.071052	52.24958	29.76526	22.48432	29.03734	9
1727.565	1732.612	1371.612	88.97325	109.7117	88.54844	85.95239	34.88664	8.188264	56.92509	27.97444	28.95065	28.64768	9
1727.57	1732.617	1371.617	86.79021	149.8562	87.01441	87.42742	22.15021	12.26248	65.5873	38.37744	27.20987	27.523	9
1727.575	1732.623	1371.623	86.5424	127.6326	86.6132	87.79323	28.94518	10.10029	60.95453	27.88654	33.06798	27.49509	9
1727.58	1732.628	1371.628	88.97325	141.599	88.81985	87.74603	25.06653	11.39065	63.54282	42.98423	20.55859	27.87798	9
1727.585	1732.634	1371.634	92.67853	197.2555	93.05614	92.65493	4.073465	19.67139	76.25514	73.42574	2.829396	-9999	9
1727.59	1732.639	1371.639	88.91425	297.958	88.12363	79.41506	0	19.48027	80.51973	80.51973	0	-9999	1
1727.595	1732.645	1371.645	81.97571	134.3303	80.46528	77.66862	43.78024	4.395513	51.82424	18.1225	33.70174	28.43047	1
1727.6	1732.65	1371.65	83.74574	144.3978	83.60414	80.24107	29.10707	9.353366	61.53957	25.16696	36.37261	27.97171	1
1727.605	1732.656	1371.656	84.02895	121.464	83.87555	81.07889	34.48794	7.877907	57.63415	32.86865	24.7655	28.27872	1
1727.61	1732.661	1371.661	84.18235	155.3008	84.07615	84.02895	25.79252	10.36587	63.84161	31.55739	32.28422	27.28337	1
1727.615	1732.667	1371.667	90.01167	190.6413	90.10608	89.45706	10.32245	16.24799	73.42956	51.435	21.99456	28.32153	1
1727.62	1732.672	1371.672	87.03801	244.613	86.07039	79.71006	8.227746	14.61615	77.15611	56.20092	20.95519	28.88288	1
1727.625	1732.678	1371.678	72.80692	194.206	69.49105	63.16612	51.71776	4.413455	43.86879	26.05211	17.81668	27.74624	1
1727.63	1732.683	1371.683	67.94522	101.7747	65.54977	64.09834	71.42565	0	28.57435	22.31964	6.25471	31.3056	1
1727.635	1732.689	1371.689	65.34917	42.62312	64.81816	64.77095	73.67931	0	26.32069	6.065435	20.25526	30.15676	1
1727.64	1732.694	1371.694	65.54977	36.91404	66.06898	67.47321	66.73713	0	33.26287	10.62556	22.63731	29.70883	1
1727.645	1732.7	1371.7	64.68835	48.40181	64.74735	65.30197	68.31622	0	31.68378	13.92306	17.76072	29.95518	1
1727.65	1732.705	1371.705	62.50531	51.27028	62.39911	60.08626	70.91078	0	29.08922	7.261649	21.82757	30.42718	1
1727.655	1732.711	1371.711	63.63813	30.91255	63.28412	62.0805	76.71564	0	23.28436	7.5838	15.70056	30.22999	1
1727.66	1732.716	1371.716	61.28988	25.42627	61.20728	60.75887	78.10031	0	21.89969	4.014649	17.88504	29.9178	1
1727.665	1732.722	1371.722	59.23664	32.19361	58.55223	56.40458	83.01565	0	16.98435	14.06453	2.919827	30.92845	1
1727.67	1732.727	1371.727	61.9507	47.46887	60.72347	59.30744	81.02889	0	18.97111	18.97111	0	31.03412	1
1727.675	1732.733	1371.733	63.36673	32.59742	63.13072	63.15432	75.64307	0	24.35693	14.02186	10.33506	29.93771	1
1727.68	1732.738	1371.738	62.2457	22.02867	62.0333	61.78549	79.04915	0	20.95085	17.39346	3.557389	29.97402	1
1727.685	1732.744	1371.744	60.87687	29.65934	60.81787	59.95646	77.27297	0	22.72703	21.93798	0.789046	29.98038	1
1727.69	1732.749	1371.749	63.46113	49.41831	62.96552	61.71469	73.49751	0	26.50249	7.233214	19.26927	30.39494	1
1727.695	1732.755	1371.755	63.70893	38.68246	63.72073	64.49955	71.93517	0	28.06483	7.434307	20.63052	29.73558	1
1727.7	1732.76	1371.76	61.66749	18.79817	61.56129	61.27808	79.53982	0	20.46018	10.96603	9.494155	29.91196	1
1727.705	1732.766	1371.766	62.39911	29.56187	62.2457	58.82363	76.62773	0	23.37227	21.83378	1.538493	30.5122	1
1727.71	1732.771	1371.771	66.44659	82.47524	67.57941	59.57885	50.13075	2.432718	47.43653	21.7567	25.67983	30.09981	1
1727.715	1732.777	1371.777	64.34615	33.66962	64.21634	63.35493	73.65947	0	26.34053	18.87182	7.468708	30.07472	1
1727.72	1732.782	1371.782	63.15432	68.31395	61.54949	60.02726	77.8035	0	22.1965	11.29986	10.89663	31.21579	9
1727.725	1732.788	1371.788	59.88565	20.30203	59.68505	59.09504	81.54679	0	18.45321	18.45321	0	30.12229	9
1727.73	1732.793	1371.793	59.07144	26.19212	58.75283	57.93861	81.78499	0	18.21501	15.91568	2.299333	30.30597	9
1727.735	1732.799	1371.799	57.325	40.99394	56.39278	54.88235	84.56516	0	15.43484	15.43484	0	31.25554	9
1727.74	1732.804	1371.804	61.70289	20.16278	61.56129	63.01272	79.45137	0	20.54863	14.27	6.278631	29.61728	9
1727.745	1732.81	1371.81	67.2254	43.93203	66.61179	67.35521	72.27658	0	27.72342	21.46297	6.260456	30.08061	9
1727.75	1732.815	1371.815	68.01602	61.60231	67.0484	61.47869	70.01656	0	29.98344	6.662653	23.32079	31.48118	9
1727.755	1732.821	1371.821	69.20785	42.06613	69.77426	71.47349	61.75909	0	38.24091	18.80046	19.44045	30.43056	9
1727.76	1732.826	1371.826	72.24051	35.7026	72.19331	70.28167	65.26451	0	34.73549	18.07428	16.6612	31.11034	9
1727.765	1732.832	1371.832	74.68316	48.23472	74.14035	70.88348	63.82548	0	36.17452	21.53581	14.63871	31.61007	9
1727.77	1732.837	1371.837	80.19387	122.5362	80.25287	74.22295	36.11061	7.146574	56.74282	30.88388	25.85893	28.71413	9
1727.775	1732.843	1371.843	85.73999	159.9655	87.25042	83.96995	10.70172	16.91176	72.38651	62.04994	10.33657	29.03368	9
1727.78	1732.848	1371.848	90.96749	316.5752	91.05009	87.62802	0	25.25418	74.74582	74.74582	0	-9999	9
1727.785	1732.854	1371.854	93.82315	234.0442	95.61679	99.51087	0	30.48011	69.51989	69.51989	0	-9999	9
1727.79	1732.859	1371.859	101.5051	203.1177	103.4403	100.6555	0	40.156	59.844	59.844	0	-9999	9
1727.795	1732.865	1371.865	89.15026	128.5099	88.94965	90.20048	28.43706	10.40928	61.15367	34.2	26.95367	27.57059	9
1727.8	1732.87	1371.87	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999

1728.1	1733.2	1372.2	79.61566	58.5389	79.71006	81.25589	51.85556	2.71819	45.42625	30.64692	14.77932	29.71385	9
1728.105	1733.206	1372.206	76.5594	65.26447	76.9252	76.76	50.93634	2.792534	46.27112	28.69841	17.57271	29.63382	9
1728.11	1733.211	1372.211	69.13704	52.0222	68.93644	69.76246	65.35923	0	34.64077	5.668724	28.97205	30.38517	9
1728.115	1733.217	1372.217	67.19	51.40952	66.28139	65.39637	72.78589	0	27.21411	17.75969	9.454423	30.49021	9
1728.12	1733.222	1372.222	65.31377	40.6876	65.29017	65.04236	70.24784	0	29.75216	7.437622	22.31454	30.04747	9
1728.125	1733.228	1372.228	69.13704	40.22809	68.85384	68.31103	68.85357	0	31.14643	20.59238	10.55405	30.40339	9
1728.13	1733.233	1372.233	74.91916	54.22228	74.42355	75.61538	61.79356	0	38.20644	22.09092	16.11552	31.02535	9
1728.135	1733.239	1372.239	74.62416	39.18375	73.97514	72.73612	66.89316	0	33.10684	23.41942	9.687417	30.94071	9
1728.14	1733.244	1372.244	77.73942	59.24906	77.51522	78.54184	55.87905	1.449376	42.67158	30.22748	12.4441	30.27718	9
1728.145	1733.25	1372.25	85.55118	104.9774	85.98779	81.27949	32.50467	9.337892	58.15743	24.1537	34.00373	28.87836	9
1728.15	1733.255	1372.255	89.33906	52.09183	89.58686	88.48944	43.28135	7.138051	49.58059	17.90238	31.67822	29.64562	9
1728.155	1733.261	1372.261	89.35086	61.92257	89.83467	90.20048	39.06242	8.769896	52.16768	25.41547	26.75222	28.8761	9
1728.16	1733.266	1372.266	92.44252	62.70235	93.05614	93.18594	35.02341	11.55008	53.42651	37.90173	15.52478	28.64838	9
1728.165	1733.272	1372.272	93.98835	41.82942	94.20076	94.61377	41.76186	9.306232	48.93191	20.92481	28.0071	29.36429	9
1728.17	1733.277	1372.277	91.69911	107.804	92.78473	95.14478	21.13467	16.25088	62.61445	45.3108	17.30365	27.66847	9
1728.175	1733.283	1372.283	87.15601	156.916	87.52182	88.13543	19.00778	13.44139	67.55083	53.85977	13.69106	27.58058	9
1728.18	1733.288	1372.288	85.99959	106.4394	85.00837	83.41534	42.80399	4.904535	52.29147	34.71013	17.58134	28.86271	9
1728.185	1733.294	1372.294	83.27373	77.351	83.39174	84.04075	43.7547	5.416132	50.82916	23.75164	27.07752	28.82581	9
1728.19	1733.299	1372.299	83.86375	108.4585	83.39174	82.16451	40.25647	5.983277	53.76025	30.67714	23.08311	28.44191	9
1728.195	1733.305	1372.305	86.3064	103.1115	87.13241	88.27704	29.24351	10.98702	59.76947	38.69409	21.07538	27.80221	9
1728.2	1733.31	1372.31	86.08219	110.0737	88.18264	90.63709	17.8881	15.98118	66.13072	53.85124	12.27948	27.86426	9
1728.205	1733.316	1372.316	89.36266	125.9617	89.07945	91.64011	29.49847	10.0146	60.48693	41.01526	19.47167	27.36976	9
1728.21	1733.321	1372.321	87.84043	63.53782	87.58082	87.91123	45.82259	5.190217	48.98719	30.10366	18.88353	29.48972	9
1728.215	1733.327	1372.327	81.4329	65.30624	82.29431	84.15875	42.60164	5.933648	51.46472	32.52367	18.94105	28.63272	9
1728.22	1733.332	1372.332	71.7213	52.77413	72.45291	73.01932	55.57505	1.199893	43.22506	15.35584	27.86922	30.13215	2
1728.225	1733.338	1372.338	69.64445	51.93866	70.42327	72.22871	57.32212	0.660638	42.01724	25.31118	16.70606	30.07173	2
1728.23	1733.343	1372.343	69.59725	47.70559	69.99846	71.6505	61.31641	0	38.68359	19.13433	19.54926	30.55203	2
1728.235	1733.349	1372.349	68.65323	55.18308	67.94522	69.30225	68.97183	0	31.02817	16.84143	14.18674	30.15483	2
1728.24	1733.354	1372.354	68.41723	57.35531	67.24901	67.24901	72.2299	0	27.7701	11.61154	16.15856	30.41204	2
1728.245	1733.36	1372.36	66.9068	35.57728	66.57639	67.34341	72.3967	0	27.6033	6.778832	20.82447	29.94359	2
1728.25	1733.365	1372.365	64.70015	21.16535	64.60575	66.24598	76.08546	0	23.91454	15.27025	8.644291	29.54338	2
1728.255	1733.371	1372.371	65.08956	20.69191	65.37277	65.70317	72.91532	0	27.08468	12.04015	15.04453	29.65856	2
1728.26	1733.376	1372.376	61.84449	19.34123	61.9271	62.75311	77.78232	0	22.21768	7.350963	14.86671	29.54478	2
1728.265	1733.382	1372.382	60.78247	27.48711	60.95948	62.1749	76.05647	0	23.94353	6.696967	17.24657	29.40792	2
1728.27	1733.387	1372.387	57.3132	42.31678	57.70261	57.71441	74.01328	0	25.98672	14.39735	11.58937	29.50488	2
1728.275	1733.393	1372.393	58.30442	67.04682	57.2188	56.65239	78.54818	0	21.45182	17.28739	4.164439	30.99595	2
1728.28	1733.398	1372.398	57.4312	37.94446	56.84119	55.94437	82.55333	0	17.44667	13.93431	3.512367	30.69182	2
1728.285	1733.404	1372.404	55.25996	39.62933	55.18916	54.23334	80.11925	0	19.88075	19.56079	0.31996	30.20835	6
1728.29	1733.409	1372.409	58.62303	31.58093	59.44905	58.72923	72.0226	0	27.9774	9.447511	18.52989	29.29218	6
1728.295	1733.415	1372.415	61.32528	36.14819	62.0333	62.3047	69.34576	0	30.65424	17.20224	13.452	29.40716	6
1728.3	1733.42	1372.42	60.95948	48.9588	61.11288	62.2929	70.88038	0	29.11962	16.77417	12.34545	29.58348	6
1728.305	1733.426	1372.426	58.33982	65.94677	57.78521	57.66721	74.66648	0	25.33352	10.38365	14.94986	30.40884	6
1728.31	1733.431	1372.431	57.266	59.12373	56.21578	54.24514	81.14655	0	18.85345	10.45934	8.394104	31.34376	6
1728.315	1733.437	1372.437	58.78823	59.36045	58.36342	58.54043	74.84187	0	25.15813	4.672247	20.48589	30.20129	6
1728.32	1733.442	1372.442	59.39004	59.77819	59.50805	58.15102	69.98032	0	30.01968	17.16082	12.85887	30.13952	6
1728.325	1733.448	1372.448	60.00366	81.45875	60.47567	58.88263	61.42554	0.389763	38.18469	25.34582	12.83888	30.03778	6
1728.33	1733.453	1372.453	60.77067	76.37628	60.27506	56.41638	69.4489	0	30.5511	19.65293	10.89817	31.12896	6
1728.335	1733.459	1372.459	59.75585	73.42427	59.59065	56.94739	68.53627	0	31.46373	22.18713	9.276599	30.70557	6
1728.34	1733.464	1372.464	64.19274	77.05858	63.79153	61.9153	65.40386	0	34.59614	8.083765	26.51237	30.8873	6
1728.345	1733.47	1372.47	63.37853	80.4701	63.35493	59.09504	62.40089	0.307381	37.29172	22.33666	14.95507	30.94224	6
1728.35	1733.475	1372.475	61.8917	60.2377	61.80909	59.30744	69.12228	0	30.87772	6.392587	24.48513	30.53611	6
1728.355	1733.481	1372.481	63.35493	75.17877	62.90652	58.12742	66.99538	0	33.00462	18.18892	14.8157	31.34241	6
1728.36	1733.486	1372.486	63.52013	74.0091	62.1513	58.08022	74.2597	0	25.7403	10.78564	14.95466	31.51009	6
1728.365	1733.492	1372.492	63.15432	74.60786	61.83269	56.99459	74.08553	0	25.91447	12.73742	13.17704	31.64892	6
1728.37	1733.497	1372.497	63.82694	62.71627	62.89472	59.35464	73.32658	0	26.67342	19.11037	7.563054	31.10437	6
1728.375	1733.503	1372.503	64.13374	71.19634	63.49653	59.07144	68.70585	0	31.29415	15.85117	15.44298	31.2693	6
1728.38	1733.508	1372.508	65.52617	68.20256	65.05416	64.31074	66.86898	0	33.13102	20.01691	13.11411	30.59096	6
1728.385	1733.514	1372.514	65.41997	78.17255	64.79455	60.84147	65.74282	0	34.25718	6.086454	28.17072	31.35799	6
1728.39	1733.519	1372.519	65.72677	62.22891	64.78275	61.11288	71.78812	0	28.21188	21.75582	6.456058	31.10574	6
1728.395	1733.525	1372.525	66.11618	41.18889	66.17518	64.67655	68.74814	0	31.25186	16.25721	14.99465	30.34412	6
1728.4	1733.53	1372.53	64.86536	37.67989	64.79455	64.45235	71.75405	0	28.24595	14.7985	13.44745	30.0095	6
1728.405	1733.536	1372.536	62.63511	36.90012	62.1985	60.09806	76.82959	0	23.17041	3.677391	19.49302	30.46446	6
1728.41	1733.541	1372.541	60.80607	45.53335	60.16886	56.68779	77.97774	0	22.02226	8.415887	13.60637	30.94438	6
1728.415	1733.547	1372.547	60.52287	61.7694	59.24844	57.50201	79.24757	0	20.75243	10.03927	10.71316	31.21408	6
1728.42	1733.552	1372.552	59.08324	37.62419	57.96221	56.13318	85.22629	0	14.77371	10.46498	4.30873	31.39016	6
1728.425	1733.558	1372.558	57.51381	36.03679	56.27478	53.43092	87.96884	0	12.03116	12.03116	0	32.00255	6
1728.43	1733.563	1372.563	58.18642	25.44019	57.2424	56.01517	87.62812	0	12.37188	12.3655	0.006387	31.31768	6
1728.435	1733.569	1372.569	57.4076	20.02354	56.99459	55.72017	85.54013	0	14.45987	14.45987	0	30.70934	6
1728.44	1733.574	1372.574	60.01546	18.63108	59.98006	61.01848	80.55141	0	19.44859	6.197843	13.25074	29.64379	6
1728.445	1733.58	1372.58	58.97704	36.23174	59.01244	59.14224	76.69869	0	23.30131	11.92976	11.37155	29.74526	6
1728.45	1733.585	1372.585	57.1362	33.18226	56.73499	55.57857	82.51396	0	17.48604	17.3356	0.150442	30.55892	6
1728.455	1733.591	1372.591	57.59641	25.53767	57.1834	55.72017	84.03201	0	15.96799	9.884885	6.083109	30.66056	6
1728.46	1733.596	1372.596	57.2542	24.81359	56.42818	55.35436	87.72288	0	12.27712	11.94916	0.32796	31.24437	6

1728.465	1733.602	1372.602	59.42544	25.96933	58.61123	56.90019	85.35419	0	14.64581	14.64581	0	31.05495	8	
1728.47	1733.607	1372.607	59.77945	20.06531	59.69685	58.65843	80.78726	0	19.21274	3.883362	15.32937	30.07812	8	
1728.475	1733.613	1372.613	62.91832	22.44641	63.11892	64.32255	75.12844	0	24.87156	14.1639	10.70766	29.42164	8	
1728.48	1733.618	1372.618	51.50748	91.34519	52.85271	56.22758	60.08207	0.60743	39.3105	17.56822	21.74228	28.08864	8	
1728.485	1733.624	1372.624	54.00913	79.48146	53.56072	53.24212	74.55226	0	25.44774	19.64116	5.806586	30.61121	8	
1728.49	1733.629	1372.629	57.00639	106.0913	55.03575	51.77889	77.15248	0	22.84752	9.219531	13.62799	32.56928	8	
1728.495	1733.635	1372.635	56.41638	50.74114	56.22758	56.39278	77.2808	0	22.7192	7.507556	15.21164	30.05058	8	
1728.5	1733.64	1372.64	56.88839	25.84401	56.97099	56.75859	80.76827	0	19.23173	19.09912	0.132616	29.84907	8	
1728.505	1733.646	1372.646	55.30716	25.60729	55.16556	54.76435	84.01787	0	15.98213	11.92027	4.061858	30.29652	8	
1728.51	1733.651	1372.651	55.94437	33.22403	55.38976	54.42214	84.7892	0	15.2108	15.2108	0	30.85388	8	
1728.515	1733.657	1372.657	59.50805	100.5911	57.089	54.68175	79.65718	0	20.34282	19.37081	0.97201	32.56272	8	
1728.52	1733.662	1372.662	57.2896	53.95772	56.77039	57.0418	78.25968	0	21.74032	8.401631	13.33869	30.32979	8	
1728.525	1733.668	1372.668	59.37824	54.80712	58.89443	58.65843	75.85822	0	24.14178	14.27881	9.862966	30.28659	8	
1728.53	1733.673	1372.673	63.70893	57.59203	63.30772	62.91832	70.55987	0	29.44013	21.93101	7.509115	30.27345	8	
1728.535	1733.679	1372.679	62.63511	30.75938	62.91832	64.38155	72.73708	0	27.26292	19.82331	7.439611	29.37291	8	
1728.54	1733.684	1372.684	60.95948	21.0261	61.06568	60.79427	78.0059	0	21.9941	21.17445	0.819653	29.72759	8	
1728.545	1733.69	1372.69	60.44027	26.49846	60.46387	60.46387	77.79942	0	22.20058	8.085075	14.1155	29.74955	8	
1728.55	1733.695	1372.695	60.38126	29.2416	60.06266	60.67627	79.84197	0	20.15803	20.15803	0	29.94505	8	
1728.555	1733.701	1372.701	62.2103	38.2508	60.94768	59.63785	83.29518	0	16.70482	12.46099	4.243834	31.08425	8	
1728.56	1733.706	1372.706	63.96854	44.53078	63.05992	60.19246	77.41429	0	22.58571	5.240375	17.34534	30.88979	8	
1728.565	1733.712	1372.712	64.44055	34.46332	64.16914	63.11892	74.47797	0	25.52203	16.95607	8.565964	30.16703	8	
1728.57	1733.717	1372.717	69.64445	87.07035	68.77124	66.41119	61.62352	0.570298	37.80619	24.34384	13.46235	30.71551	8	
1728.575	1733.723	1372.723	80.55968	135.1101	80.59508	82.14091	32.91409	8.061255	59.02466	37.56681	21.45784	27.04728	8	
1728.58	1733.728	1372.728	86.82561	153.8944	87.00261	83.61594	21.50622	12.38496	66.10882	40.01354	26.09528	28.19619	8	
1728.585	1733.734	1372.734	92.08852	125.3072	92.23012	94.41316	23.85679	13.30094	62.84227	33.81453	29.02774	27.53002	8	
1728.59	1733.739	1372.739	89.96447	148.8398	90.29488	90.77869	18.65281	14.38335	66.96384	34.18709	32.77675	27.78111	8	
1728.595	1733.745	1372.745	78.88404	126.8111	78.28223	76.13459	41.40244	5.454153	53.1434	29.04166	24.10174	28.06118	8	
1728.6	1733.75	1372.75	75.32037	139.6913	74.02234	72.0281	46.95967	4.207972	48.83236	34.32767	14.50469	27.92389	8	
1728.605	1733.756	1372.756	80.42988	145.47	80.45348	80.35907	30.61787	8.685384	60.69675	36.32308	24.37366	27.16312	8	
1728.61	1733.761	1372.761	86.10579	149.898	86.69581	87.54542	19.93476	13.19356	66.87169	33.09693	33.77476	27.5327	8	
1728.615	1733.767	1372.767	89.37446	122.9261	89.81107	87.62802	24.64365	12.70908	62.64726	30.06632	32.58094	28.28556	8	
1728.62	1733.772	1372.772	86.90821	105.5761	86.75481	85.14997	35.6839	7.994511	56.32159	39.12574	17.19585	28.44785	8	
1728.625	1733.778	1372.778	82.30611	131.1555	82.76632	81.07889	28.97211	9.637324	61.39057	25.899	35.49156	27.8037	8	
1728.63	1733.783	1372.783	83.53334	118.5956	83.36814	84.81957	35.72952	7.461326	56.80915	30.7813	26.02785	27.5428	8	
1728.635	1733.789	1372.789	87.01441	77.26745	87.39202	86.71941	38.32156	8.031345	53.6471	19.08529	34.56181	28.78243	8	
1728.64	1733.794	1372.794	89.66947	132.0467	89.55146	88.20624	26.4633	11.23708	62.29962	38.13812	24.16149	28.02663	8	
1728.645	1733.8	1372.8	88.41864	200.2632	88.98505	95.61679	5.801466	17.85825	76.34028	74.66106	1.679225	-9999	8	
1728.65	1733.805	1372.805	80.92549	265.291	81.4683	68.79484	0	18.32784	81.67216	81.67216	0	-9999	8	
1728.655	1733.811	1372.811	72.0045	133.7316	70.60027	62.2693	52.27559	3.21436	44.51006	24.078	20.43205	29.51581	8	
1728.66	1733.816	1372.816	70.63567	100.2012	68.59423	65.37277	66.58766	0	33.41234	18.28614	15.1262	31.44807	8	
1728.665	1733.822	1372.822	70.44687	92.98829	69.53825	65.78578	59.72751	1.027376	39.24512	10.28704	28.95808	30.56216	8	
1728.67	1733.827	1372.827	71.37909	109.5864	70.98968	67.49681	50.82924	3.097557	46.0732	31.76723	14.30596	28.97421	8	
1728.675	1733.833	1372.833	70.41147	95.17445	69.20785	65.18396	61.51732	0.735887	37.74679	12.93677	24.81003	30.86542	8	
1728.68	1733.838	1372.838	70.36427	106.6483	70.16367	71.11948	51.01067	3.004133	45.9852	14.77692	31.20828	28.1755	8	
1728.685	1733.844	1372.844	73.91614	77.75481	73.80994	74.45895	54.00355	1.966552	44.0299	31.063	12.9669	29.46328	8	
1728.69	1733.849	1372.849	73.25533	102.833	72.33491	67.35521	54.85277	2.086419	43.06081	20.98961	22.07121	30.02098	8	
1728.695	1733.855	1372.855	73.04292	163.3074	69.32585	61.9979	62.08746	1.723966	36.18857	10.97156	25.21701	30.19429	8	
1728.7	1733.86	1372.86	72.61812	116.3259	70.11646	68.14582	64.42827	0.382918	35.18881	21.70838	13.48044	30.71635	8	
1728.705	1733.866	1372.866	68.52343	26.24782	68.21663	67.2254	72.98422	0	27.01578	22.77011	4.245671	30.27263	8	
1728.71	1733.871	1372.871	66.36399	32.68097	66.15158	64.93616	72.68247	0	27.31753	17.29237	10.02516	30.23275	8	
1728.715	1733.877	1372.877	66.47019	31.9012	65.78578	65.23116	76.43155	0	23.56845	13.98502	9.583435	30.25529	8	
1728.72	1733.882	1372.882	65.40817	30.27202	64.72375	62.51711	77.80287	0	22.19713	11.5649	10.63224	30.575	8	
1728.725	1733.888	1372.888	65.18396	59.09589	63.73253	60.86507	76.97813	0	23.02187	10.86912	12.15275	31.17287	8	
1728.73	1733.893	1372.893	66.03358	55.60082	64.84176	62.1749	75.03035	0	24.96965	5.80014	19.16951	30.94657	8	
1728.735	1733.899	1372.899	68.45263	79.38399	67.75642	66.67079	63.20832	0.135109	36.65657	7.586754	29.06982	30.8692	8	
1728.74	1733.904	1372.904	72.81872	130.9745	73.34973	73.58574	37.19561	6.43408	56.37031	35.98763	20.38268	27.03194	8	
1728.745	1733.91	1372.91	76.41779	181.9663	77.86922	80.28827	14.4112	13.00534	72.58346	54.06533	18.51814	26.97527	8	
1728.75	1733.915	1372.915	78.50644	156.0527	80.21747	80.73668	16.74881	12.8698	70.38139	43.35554	27.02585	27.59537	8	
1728.755	1733.921	1372.921	83.22653	99.14296	84.13515	84.43016	32.3972	9.256652	58.34615	39.26557	19.08058	27.96614	8	
1728.76	1733.926	1372.926	82.91973	103.6267	83.60414	84.63076	33.33199	8.721872	57.94614	35.9162	22.02994	27.76816	8	
1728.765	1733.932	1372.932	84.01715	148.7701	85.96419	89.64587	11.61229	16.44951	71.9382	55.58943	16.34878	27.77241	8	
1728.77	1733.937	1372.937	83.30914	126.7275	83.92275	84.94937	27.93203	10.25616	61.8118	37.13482	24.67698	27.42265	8	
1728.775	1733.943	1372.943	84.32396	86.95895	84.61896	85.20897	39.0916	7.062848	53.84556	25.731	28.11455	28.37685	8	
1728.78	1733.948	1372.948	83.49794	93.82377	84.20595	86.87281	34.98943	8.41844	56.59213	28.99099	27.60114	27.674	8	
1728.785	1733.954	1372.954	78.06983	64.66571	77.30281	77.62142	58.47103	0.700811	40.82816	28.76873	12.05943	30.74	8	
1728.79	1733.959	1372.959	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999	
1729.105	1734.306	1373.306	65.90378	92.9326	65.66777	64.14554	58.70787	1.274243	40.01788	26.97148	13.0464	29.6732	-9999	
1729.11	1734.311	1373.311	71.6623	105.6736	71.23749	70.11646	51.78995	2.828921	45.38113	14.04085	31.34028	28.74679	-9999	
1729.115	1734.317	1373.317	74.37635	87.59948	73.47953	72.09891	57.32502	1.28215	41.39283	19.96316	21.42967	30.1319	-9999	
1729.12	1734.322	1373.322	75.20237	109.9763	74.97816	74.90736	45.93715	4.224161	49.83869	26.54504	23.29365	28.10579	-9999	
1729.125	1734.328	1373.328	76.8898	107.999	77.24381	77.70402	40.38207	5.757735	53.86019	32.35194	21.50825	27.77881	-9999	
1729.13	1734.333	1373.333	71.7095	61.9922	71.50889	71.48529	60.57983	0.254605	39.16556	22.10673	17.05883	30.8185	-9999	
1729.135	1734.339	1373.339	78.17603	104.4621	78.69524	79.23805	38.77433	6.334883	54.89079	24.06768	30.8231	27.81984	-9999	

1729.14	1734.344	1373.344	88.56024	145.4561	90.05887	91.06189	11.70982	18.02089	70.26929	43.74102	26.52827	28.26425	-9999
1729.145	1734.35	1373.35	80.63048	98.51635	80.76028	83.25013	40.97303	5.860956	53.16601	32.73921	20.4268	27.7938	-9999
1729.15	1734.355	1373.355	69.14884	42.49779	69.65625	69.99846	62.16617	0	37.83383	25.07235	12.76149	30.62663	-9999
1729.155	1734.361	1373.361	67.0012	68.46712	67.2018	67.85082	60.23517	0.362855	39.40197	14.88453	24.51744	30.19127	-9999
1729.16	1734.366	1373.366	67.44961	54.79319	67.55581	67.50861	63.86334	0	36.13666	8.326281	27.81038	30.49348	-9999
1729.165	1734.372	1373.372	70.62387	59.83389	70.52947	68.58243	61.27785	0.059195	38.66296	20.76424	17.89872	31.27905	-9999
1729.17	1734.377	1373.377	72.0635	62.95299	72.0163	72.0635	58.83276	0.649062	40.51818	24.51985	15.99833	30.50843	-9999
1729.175	1734.383	1373.383	77.11401	110.77	76.4886	75.94578	47.09573	3.907179	48.99709	22.39604	26.60106	28.39491	-9999
1729.18	1734.388	1373.388	77.57422	149.1043	75.89858	74.25835	45.53464	4.396653	50.06871	28.83537	21.23334	27.70885	-9999
1729.185	1734.394	1373.394	67.93342	70.34694	66.8714	64.09834	68.70796	0	31.29204	14.03097	17.26107	31.06611	-9999
1729.19	1734.399	1373.399	65.78578	70.01275	64.95976	66.29319	68.93563	0	31.06437	21.42977	9.634595	30.24998	-9999
1729.195	1734.405	1373.405	64.94796	49.91959	64.74735	65.11316	69.72202	0	30.27798	6.783543	23.49444	30.0426	-9999
1729.2	1734.41	1373.41	68.91284	43.1801	68.81844	69.77426	66.88222	0	33.11778	5.950549	27.16723	30.19265	-9999
1729.205	1734.416	1373.416	67.87442	40.18632	67.63841	67.31981	69.65948	0	30.34052	4.739094	25.60142	30.24587	-9999
1729.21	1734.421	1373.421	66.9894	36.63555	66.8006	67.68561	70.96718	0	29.03282	21.00198	8.030836	29.91346	-9999
1729.215	1734.427	1373.427	69.19605	62.75805	69.24325	68.86564	60.78638	0.186072	39.02754	11.55578	27.47177	30.74603	-9999
1729.22	1734.432	1373.432	79.74546	122.6476	79.58026	78.82504	38.23377	6.448364	55.31786	34.27546	21.04241	27.77186	-9999
1729.225	1734.438	1373.438	79.13185	152.3766	78.27043	76.26439	36.99955	6.640268	56.36018	35.70587	20.65431	27.36204	-9999
1729.23	1734.443	1373.443	70.60027	129.7492	68.62963	67.75642	58.92091	1.981805	39.09728	17.60156	21.49572	29.03108	-9999
1729.235	1734.449	1373.449	65.78578	52.63488	65.30197	64.88896	70.48897	0	29.51103	8.122016	21.38901	30.30215	-9999
1729.24	1734.454	1373.454	71.54429	55.04383	70.14006	68.47623	71.74142	0	28.25858	13.4145	14.84409	30.66064	-9999
1729.245	1734.46	1373.46	65.46717	42.81806	64.71195	65.76217	75.26115	0	24.73885	11.52553	13.21332	30.02786	-9999
1729.25	1734.465	1373.465	65.53797	60.50227	64.94796	64.65295	69.63611	0	30.36389	22.90117	7.462713	30.38486	-9999
1729.255	1734.471	1373.471	63.99214	36.17604	63.54373	62.82391	75.8478	0	24.1522	12.79944	11.35276	30.19064	-9999
1729.26	1734.476	1373.476	64.75915	48.80563	65.36097	65.37277	63.94657	0	36.05343	13.59635	22.45708	30.09392	-9999
1729.265	1734.482	1373.482	69.93946	89.84134	69.14884	66.68259	60.04137	0.917433	39.0412	18.2579	20.7833	30.40993	-9999
1729.27	1734.487	1373.487	64.77095	76.43198	63.73253	61.69109	69.96195	0	30.03805	20.09742	9.940631	30.98214	-9999
1729.275	1734.493	1373.493	62.39911	42.60919	62.38731	61.78549	72.37285	0	27.62715	13.20564	14.42151	29.96641	-9999
1729.28	1734.498	1373.498	66.54099	37.74952	67.36701	68.86564	63.24527	0	36.75473	15.44623	21.30849	29.93539	-9999
1729.285	1734.504	1373.504	72.98392	94.86811	72.52371	69.88046	53.46333	2.290936	44.24573	12.62466	31.62108	29.55932	-9999
1729.29	1734.509	1373.509	64.32255	49.09804	63.24872	62.2693	77.26365	0	22.73635	3.683484	19.05286	30.62796	-9999
1729.295	1734.515	1373.515	65.72677	33.79494	65.53797	64.94796	72.81622	0	27.18378	20.00245	7.181329	30.08435	-9999
1729.3	1734.52	1373.52	69.00724	99.56069	66.9186	63.26052	68.60663	0	31.39337	24.73549	6.657877	31.57324	-9999
1729.305	1734.526	1373.526	60.10986	37.35963	60.02726	59.79125	76.29806	0	23.70194	19.56276	4.139176	29.88875	-9999
1729.31	1734.531	1373.531	63.56733	65.36194	63.57913	63.96854	65.60901	0	34.39099	11.75111	22.63988	30.17782	-9999
1729.315	1734.537	1373.537	63.73253	34.53294	63.61453	63.93314	73.92362	0	26.07638	22.8485	3.227884	29.82311	-9999
1729.32	1734.542	1373.542	61.9035	25.18955	62.0333	63.26052	75.94694	0	24.05306	19.08849	4.964567	29.43572	-9999
1729.325	1734.548	1373.548	66.71799	51.9665	67.36701	69.30225	61.0137	0	38.9863	21.74026	17.24604	30.17514	-9999
1729.33	1734.553	1373.553	67.0838	41.63447	66.59999	65.88018	71.95689	0	28.04311	6.047616	21.9955	30.29192	-9999
1729.335	1734.559	1373.559	71.43809	78.65991	70.89528	68.88924	59.44804	0.776168	39.77579	20.75403	19.02176	30.58949	-9999
1729.34	1734.564	1373.564	67.50861	57.92622	66.37579	63.29592	72.65331	0	27.34669	11.74454	15.60215	30.97777	-9999
1729.345	1734.57	1373.57	66.7652	40.35341	66.64719	67.1782	69.72501	0	30.27499	22.82328	7.451709	30.0041	-9999
1729.35	1734.575	1373.575	66.28139	71.83687	65.71497	65.71497	66.02629	0	33.97371	21.09573	12.87798	30.55301	-9999
1729.355	1734.581	1373.581	59.62605	64.97205	58.51683	58.04482	78.01727	0	21.98273	20.21387	1.768857	30.88175	-9999
1729.36	1734.586	1373.586	57.98581	57.38316	57.2424	55.86177	78.52779	0	21.47221	20.45838	1.013826	30.81295	-9999
1729.365	1734.592	1373.592	58.05662	75.54081	56.06238	54.81155	83.76241	0	16.23759	8.087369	8.150225	32.20731	-9999
1729.37	1734.597	1373.597	64.35795	104.5318	63.81513	62.68231	59.70079	1.489013	38.8102	14.2942	24.516	29.3543	-9999
1729.375	1734.603	1373.603	73.66834	56.0464	73.12553	73.34973	62.86869	0	37.13131	19.36797	17.76334	30.97733	-9999
1729.38	1734.608	1373.608	62.3637	52.56526	61.47869	58.29262	76.76349	0	23.23651	18.8811	4.355409	31.00723	-9999
1729.385	1734.614	1373.614	58.15102	31.87335	57.97401	57.384	80.15949	0	19.84051	4.414087	15.42642	30.11305	-9999
1729.39	1734.619	1373.619	58.30442	43.08263	57.62001	56.48718	81.23815	0	18.76185	18.76185	0	30.72731	-9999
1729.395	1734.625	1373.625	61.30168	52.03613	60.69987	58.41062	75.67375	0	24.32625	23.67999	0.646255	30.6762	-9999
1729.4	1734.63	1373.63	62.1041	81.89041	60.67627	58.04482	74.11243	0	25.88757	16.5756	9.311978	31.40163	-9999
1729.405	1734.636	1373.636	58.06842	35.076	57.66721	57.52561	81.19803	0	18.80197	12.99238	5.809595	30.27548	-9999
1729.41	1734.641	1373.641	60.59367	50.62975	59.23664	57.66721	82.51839	0	17.48161	3.235455	14.24615	31.31198	-9999
1729.415	1734.647	1373.647	65.60877	64.93028	65.11316	63.81513	67.76778	0	32.23222	7.411302	24.82092	30.63143	-9999
1729.42	1734.652	1373.652	68.47623	66.72655	68.02782	65.99818	64.32921	0	35.67079	19.02621	16.64458	31.03679	-9999
1729.425	1734.658	1373.658	68.73584	55.74006	67.88622	66.36399	69.85847	0	30.14153	10.5615	19.58003	30.66958	9
1729.43	1734.663	1373.663	68.87744	70.73683	67.75642	67.0956	68.20237	0	31.79763	12.18399	19.61364	30.69558	9
1729.435	1734.669	1373.669	70.02206	100.0202	68.07502	66.8242	66.46437	0	33.53563	13.19909	20.33654	31.12046	9
1729.44	1734.674	1373.674	71.53249	136.1127	68.62963	66.13978	63.748	1.115277	35.13673	19.34162	15.79511	30.10432	9
1729.445	1734.68	1373.68	69.90406	118.9298	68.35823	66.50559	58.88746	1.798178	39.31437	15.04028	24.27409	29.40843	9
1729.45	1734.685	1373.685	67.57941	113.9169	65.73857	65.25476	64.52554	0.900496	34.57397	23.43756	11.13641	30.08493	9
1729.455	1734.691	1373.691	63.80333	126.0731	62.62331	61.9979	59.93644	2.195922	37.86764	27.25097	10.61667	28.70208	9
1729.46	1734.696	1373.696	59.37824	69.05195	58.50503	58.04482	75.42888	0	24.57112	14.59006	9.981062	30.69041	9
1729.465	1734.702	1373.702	65.70317	113.4296	63.76793	58.61123	67.10123	0.653827	32.24494	12.68445	19.56049	31.32509	9
1729.47	1734.707	1373.707	64.32255	118.5817	62.2457	58.56403	68.22203	0.788489	30.98948	23.90728	7.082201	31.04378	9
1729.475	1734.713	1373.713	66.36399	172.1913	63.73253	61.85629	57.66862	3.86657	38.46481	19.79291	18.6719	27.61036	9
1729.48	1734.718	1373.718	64.52315	131.9075	62.3401	61.23088	65.63569	1.585531	32.77878	11.83505	20.94373	29.70717	9
1729.485	1734.724	1373.724	60.21606	145.1219	57.95041	53.93833	67.04049	2.276537	30.68298	14.30132	16.38165	29.81542	9
1729.49	1734.729	1373.729	55.74377	82.32207	54.71715	52.6049	76.7501	0	23.2499	10.91686	12.33304	31.42828	9
1729.495	1734.735	1373.735	61.50229	94.96558	60.16886	55.33076	70.77029	0	29.22971	9.918333	19.31138	31.90079	9
1729.5	1734.74	1373.74	64.08654	101.0924	62.87112	61.71469	65.99557	0.496062	33.50837	24.44319	9.065182	30.55126	9

1729.505	1734.746	1373.746	62.42271	73.34072	61.24268	57.72621	73.96784	0	26.03216	20.61546	5.416695	31.34092	9
1729.51	1734.751	1373.751	59.21304	38.16725	58.68203	58.58763	80.40286	0	19.59714	10.01893	9.57821	30.31628	9
1729.515	1734.757	1373.757	60.06266	67.24176	58.94163	58.38702	77.15778	0	22.84222	5.529242	17.31298	30.87286	9
1729.52	1734.762	1373.762	64.27534	119.264	61.9861	58.96524	69.74647	0.615278	29.63825	25.0906	4.547657	31.23408	9
1729.525	1734.768	1373.768	63.04812	103.2368	62.0923	59.63785	64.42003	0.820209	34.75976	26.5984	8.161361	30.35214	9
1729.53	1734.773	1373.773	72.58271	225.6895	73.16093	70.84808	14.12591	12.84565	73.02844	57.03184	15.99659	26.80718	9
1729.535	1734.779	1373.779	71.50889	231.9555	70.55307	67.0248	25.48618	10.48383	64.02999	36.16096	27.86902	25.64344	9
1729.54	1734.784	1373.784	67.79182	158.6427	67.013	66.10438	45.27583	5.286465	49.4377	16.44548	32.99223	26.60446	5
1729.545	1734.79	1373.79	72.52371	176.0762	73.44413	73.90434	23.53449	10.09288	66.37263	35.35894	31.01369	26.3683	5
1729.55	1734.795	1373.795	70.74188	138.8976	70.89528	68.92464	40.11538	5.811265	54.07336	35.63857	18.43479	27.21384	5
1729.555	1734.801	1373.801	68.28743	100.4797	67.29621	65.66777	60.54143	1.141618	38.31695	18.2265	20.09045	29.96188	5
1729.56	1734.806	1373.806	67.0012	105.4926	66.24598	64.91256	58.68262	1.628624	39.68876	21.52514	18.16362	29.39242	5
1729.565	1734.812	1373.812	66.7534	141.4458	67.013	66.71799	42.34505	5.319972	52.33498	25.11774	27.21724	26.68959	5
1729.57	1734.817	1373.817	61.25448	196.3365	63.30772	64.28714	20.21982	9.984334	69.79584	51.61991	18.17593	25.55287	5
1729.575	1734.823	1373.823	61.62029	199.8176	63.90954	65.30197	17.21181	10.56965	72.21855	44.79661	27.42193	25.77775	5
1729.58	1734.828	1373.828	63.16612	193.4819	63.13072	62.83571	35.3389	7.892575	56.76853	35.30243	21.4661	25.03627	5
1729.585	1734.834	1373.834	58.08022	270.9026	59.17764	59.01244	12.50276	13.45691	74.04034	54.62096	19.41938	24.72452	5
1729.59	1734.839	1373.839	62.62331	191.3793	62.2103	61.9979	39.27357	7.282306	53.44412	21.61684	31.82728	25.04922	5
1729.595	1734.845	1373.845	64.08654	239.0014	63.23692	61.85629	29.78659	10.19781	60.0156	29.97966	30.03595	24.29009	5
1729.6	1734.85	1373.85	63.20152	179.9612	63.39033	64.23994	36.84077	7.228459	55.93078	20.50768	35.4231	25.16763	5
1729.605	1734.856	1373.856	69.01904	315.9764	68.02782	68.65323	7.718151	15.77554	76.5063	63.07867	13.42763	-9999	5
1729.61	1734.861	1373.861	69.86866	328.4807	68.24023	62.68231	8.848873	15.82452	75.32661	62.68402	12.64259	25.70909	5
1729.615	1734.867	1373.867	73.36153	244.3623	72.35851	69.32585	21.14512	11.51484	67.34005	44.4972	22.84284	25.74968	5
1729.62	1734.872	1373.872	69.71526	119.3057	68.47623	66.21058	56.59242	2.235759	41.17182	28.2122	12.95962	29.11391	5
1729.625	1734.878	1373.878	67.42601	145.5675	66.29319	65.54977	51.52012	3.906128	44.57375	25.4019	19.17185	27.39313	5
1729.63	1734.883	1373.883	67.39061	111.8004	66.24598	65.04236	59.81578	1.608299	38.57592	14.88938	23.68655	29.41829	5
1729.635	1734.889	1373.889	63.31952	123.3021	63.21332	62.57611	52.73	3.100459	44.16954	20.3987	23.77084	27.77739	5
1729.64	1734.894	1373.894	65.24296	95.02128	64.95976	63.27232	59.17617	1.261856	39.56198	23.62784	15.93414	29.67418	10
1729.645	1734.9	1373.9	64.70015	84.18796	64.33435	63.17792	62.93738	0.359576	36.70304	11.0021	25.70095	30.44578	10
1729.65	1734.905	1373.905	64.87716	89.34006	64.36975	63.57913	62.62515	0.568135	36.80671	21.61242	15.1943	30.20338	10
1729.655	1734.911	1373.911	65.26656	61.54661	64.84176	65.77398	68.35275	0	31.64725	15.80457	15.84268	30.14185	10
1729.66	1734.916	1373.916	66.8832	68.17471	66.31679	67.1074	66.35887	0	33.64113	13.68523	19.95591	30.37436	10
1729.665	1734.922	1373.922	70.70648	107.2331	69.58545	67.52041	57.68755	1.706923	40.60552	18.8533	21.75223	29.5989	10
1729.67	1734.927	1373.927	71.16669	110.1991	70.01026	66.57639	56.82076	1.910703	41.26854	13.89458	27.37395	29.68615	10
1729.675	1734.933	1373.933	70.91888	145.4143	69.40845	67.0366	51.27021	3.73023	44.99956	22.77256	22.227	27.93539	10
1729.68	1734.938	1373.938	67.62661	180.6853	67.47321	69.52645	35.24656	7.577971	57.17547	24.6344	32.54107	25.21567	10
1729.685	1734.944	1373.944	57.78521	192.4097	57.63181	55.18916	41.46332	7.055102	51.48157	29.33676	22.14481	25.14151	10
1729.69	1734.949	1373.949	62.89472	230.8694	62.93012	59.54345	25.99211	10.45349	63.5544	29.83526	33.71914	25.01987	10
1729.695	1734.955	1373.955	65.67957	199.5391	66.19878	62.3047	27.26244	9.368259	63.3693	29.96411	33.40519	25.99593	10
1729.7	1734.96	1373.96	65.33737	179.2092	66.34039	64.35795	28.74758	8.534914	62.71751	27.03037	35.68714	26.04355	10
1729.705	1734.966	1373.966	70.42327	193.7047	71.44989	76.26439	20.37773	10.83702	68.78524	49.27678	19.50846	25.34594	10
1729.71	1734.971	1373.971	77.79842	237.8595	78.41203	74.61236	6.107944	15.42098	78.47107	70.96294	7.508138	-9999	10
1729.715	1734.977	1373.977	84.41836	228.6415	83.39174	77.79842	14.96019	12.61316	72.42665	56.4466	15.98005	27.92682	10
1729.72	1734.982	1373.982	84.65436	227.0402	83.69854	81.26769	14.58187	12.77965	72.63848	50.78038	21.8581	27.42494	10
1729.725	1734.988	1373.988	84.87857	290.4666	83.19113	76.9252	4.696424	14.93197	80.37161	80.37161	0	-9999	10
1729.73	1734.993	1373.993	86.3654	281.1232	83.67494	78.97845	13.36305	11.46025	75.1767	63.0828	12.0939	27.28818	10
1729.735	1734.999	1373.999	85.56298	136.9621	84.99657	84.37116	32.52692	8.193619	59.27946	31.86464	27.41482	27.66168	10
1729.74	1735.004	1374.004	84.46556	136.6418	84.48916	84.84317	29.04146	9.624644	61.3339	41.19022	20.14368	27.41611	10
1729.745	1735.01	1374.01	83.09673	167.7075	84.25315	86.74301	14.0035	14.57985	71.41666	55.25637	16.16029	27.42195	10
1729.75	1735.015	1374.015	79.14365	164.4074	80.18207	82.16451	19.35348	12.03842	68.6081	36.6344	31.97371	26.92876	10
1729.755	1735.021	1374.021	82.32972	125.3351	83.10853	83.61594	27.88975	10.18013	61.93012	42.2981	19.63202	27.50119	10
1729.76	1735.026	1374.026	83.46254	173.6673	83.55694	84.52456	20.45537	11.92451	67.62012	43.62705	23.99307	27.03317	10
1729.765	1735.032	1374.032	81.12609	191.1426	81.14969	83.16753	18.92458	12.01151	69.06391	40.90449	28.15942	26.56472	10
1729.77	1735.037	1374.037	77.42081	135.7367	78.23503	80.79568	29.61438	8.847896	61.53772	36.10839	25.42933	26.72582	10
1729.775	1735.043	1374.043	77.13761	110.7004	77.96363	78.14063	35.84228	7.076577	57.08114	34.94633	22.13481	27.6289	10
1729.78	1735.048	1374.048	80.54788	150.817	80.47708	80.89009	29.94694	8.84408	61.20898	29.28356	31.92542	26.97651	10
1729.785	1735.054	1374.054	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1732.01	1736.691	1375.691	126.8048	162.2213	127.9141	127.9967	0	100	0	0	0	-9999	10
1732.015	1736.694	1375.694	127.8315	163.5023	128.8227	129.6015	0	100	0	0	0	-9999	10
1732.02	1736.697	1375.697	131.8553	90.34263	132.5515	133.6726	0	100	0	0	0	-9999	10
1732.025	1736.701	1375.701	132.0087	104.2811	133	133.8614	0	100	0	0	0	-9999	10
1732.03	1736.704	1375.704	133.4602	97.72265	134.1682	134.1918	0	100	0	0	0	-9999	10
1732.035	1736.707	1375.707	132.705	78.2004	133.0118	133.8614	0	100	0	0	0	-9999	10
1732.04	1736.711	1375.711	133.5782	86.94503	134.1446	135.1122	0	100	0	0	0	-9999	10
1732.045	1736.714	1375.714	137.5076	112.8447	137.2716	137.8971	0	100	0	0	0	-9999	10
1732.05	1736.717	1375.717	134.062	110.3801	134.6402	135.183	0	100	0	0	0	-9999	10
1732.055	1736.721	1375.721	131.6783	94.4086	132.2919	133.0354	0	100	0	0	0	-9999	10
1732.06	1736.724	1375.724	137.4368	107.8737	137.6493	135.8674	0	100	0	0	0	-9999	10
1732.065	1736.728	1375.728	136.481	98.94801	137.8027	138.2393	0	100	0	0	0	-9999	10
1732.07	1736.731	1375.731	138.6287	104.5596	139.3721	139.9031	0	100	0	0	0	-9999	10
1732.075	1736.734	1375.734	136.009	99.14296	136.9412	139.8677	0	100	0	0	0	-9999	10
1732.08	1736.738	1375.738	135.8674	113.4435	137.1064	139.7615	0	100	0	0	0	-9999	10
1732.085	1736.741	1375.741	136.0326	93.92124	137.3306	138.0977	0	100	0	0	0	-9999	10

1732.09	1736.744	1375.744	136.422	91.15025	137.2834	139.0181	0	100	0	0	0	-9999	10
1732.095	1736.748	1375.748	139.2069	83.29679	139.2541	140.0447	0	100	0	0	0	-9999	10
1732.1	1736.751	1375.751	138.3927	76.33451	138.6523	139.9031	0	100	0	0	0	-9999	10
1732.105	1736.754	1375.754	135.5016	88.75522	136.2214	138.6169	0	100	0	0	0	-9999	10
1732.11	1736.758	1375.758	125.3416	92.47309	126.0378	127.6898	0	79.66361	20.33639	20.33639	0	-9999	10
1732.115	1736.761	1375.761	128.0321	101.0367	128.2917	129.5543	0	79.59269	20.40731	20.40731	0	-9999	10
1732.12	1736.764	1375.764	128.2327	79.71818	128.5513	128.9171	0.264954	80.6409	19.09414	19.09414	0	-9999	10
1732.125	1736.768	1375.768	129.0115	130.4732	129.2121	131.3007	0	83.89935	16.10065	16.10065	0	-9999	10
1732.13	1736.771	1375.771	130.5455	127.1313	130.4393	130.3213	0	80.64925	19.35075	19.35075	0	-9999	10
1732.135	1736.774	1375.774	131.7963	113.527	131.9733	131.1237	0	94.37404	5.625956	5.625956	0	-9999	10
1732.14	1736.778	1375.778	133.4012	106.6761	133.5782	133.354	0	100	0	0	0	-9999	10
1732.145	1736.781	1375.781	134.6048	104.2533	135.1358	136.5518	0	100	0	0	0	-9999	10
1732.15	1736.784	1375.784	136.422	94.50607	136.6816	138.7703	0	100	0	0	0	-9999	10
1732.155	1736.788	1375.788	137.9679	116.1309	138.0387	136.6344	0	100	0	0	0	-9999	10
1732.16	1736.791	1375.791	139.2895	104.8242	139.2777	139.9031	0	100	0	0	0	-9999	10
1732.165	1736.794	1375.794	140.1037	107.5812	140.0801	139.9975	0	100	0	0	0	-9999	10
1732.17	1736.798	1375.798	140.5993	101.357	140.2571	139.5491	0	100	0	0	0	-9999	10
1732.175	1736.801	1375.801	139.6553	98.46065	139.8441	140.3987	0	100	0	0	0	-9999	10
1732.18	1736.805	1375.805	140.4459	92.55663	140.7291	140.3869	0	100	0	0	0	-9999	10
1732.185	1736.808	1375.808	139.9739	107.4698	140.0211	139.5019	0	100	0	0	0	-9999	10
1732.19	1736.811	1375.811	141.2955	96.62261	141.9209	142.7824	0	100	0	0	0	-9999	10
1732.195	1736.815	1375.815	141.7439	125.5579	142.1097	140.5993	0	100	0	0	0	-9999	10
1732.2	1736.818	1375.818	143.278	96.39981	143.6202	143.5258	0	100	0	0	0	-9999	10
1732.205	1736.821	1375.821	145.1188	107.9572	145.107	142.6054	0	100	0	0	0	-9999	10
1732.21	1736.825	1375.825	145.4728	109.0016	145.874	144.576	0	100	0	0	0	-9999	10
1732.215	1736.828	1375.828	145.815	90.96923	146.2634	145.8858	0	100	0	0	0	-9999	10
1732.22	1736.831	1375.831	145.2014	111.3827	145.8622	145.8386	0	100	0	0	0	-9999	10
1732.225	1736.835	1375.835	146.405	86.1374	146.7236	145.697	0	100	0	0	0	-9999	10
1732.23	1736.838	1375.838	141.5787	88.43496	142.1923	142.9712	0	100	0	0	0	-9999	10
1732.235	1736.841	1375.841	144.4108	100.5076	144.6114	144.1748	0	100	0	0	0	-9999	10
1732.24	1736.845	1375.845	146.877	107.4559	146.1808	144.517	0	100	0	0	0	-9999	10
1732.245	1736.848	1375.848	146.6646	116.7297	146.6292	145.1188	0	100	0	0	0	-9999	10
1732.25	1736.851	1375.851	146.3106	110.1434	146.464	148.2459	0	100	0	0	0	-9999	10
1732.255	1736.855	1375.855	146.9242	139.5381	146.3932	145.9566	0	100	0	0	0	-9999	10
1732.26	1736.858	1375.858	145.0126	117.3563	144.635	143.6674	0	100	0	0	0	-9999	10
1732.265	1736.861	1375.861	144.3282	102.3735	144.3636	144.9182	0	100	0	0	0	-9999	10
1732.27	1736.865	1375.865	144.9064	109.0573	144.2102	143.75	0	100	0	0	0	-9999	10
1732.275	1736.868	1375.868	147.0186	118.6234	146.936	145.4728	0	100	0	0	0	-9999	10
1732.28	1736.871	1375.871	142.57	89.56285	142.2749	140.6111	0	100	0	0	0	-9999	10
1732.285	1736.875	1375.875	143.9624	122.8426	143.4432	141.8973	0	100	0	0	0	-9999	10
1732.29	1736.878	1375.878	148.0335	124.6945	147.7149	148.3639	0	100	0	0	0	-9999	10
1732.295	1736.882	1375.882	147.3255	115.0727	147.2783	145.7206	0	100	0	0	0	-9999	10
1732.3	1736.885	1375.885	143.4432	107.9015	143.4078	143.1364	0	100	0	0	0	-9999	10
1732.305	1736.888	1375.888	142.9004	93.32248	143.042	142.4874	0	100	0	0	0	-9999	10
1732.31	1736.892	1375.892	145.0126	106.0078	145.0598	144.635	0	100	0	0	0	-9999	10
1732.315	1736.895	1375.895	147.3609	128.1896	147.2546	146.464	0	100	0	0	0	-9999	10
1732.32	1736.898	1375.898	149.5675	123.4413	149.4731	149.5911	0	100	0	0	0	-9999	10
1732.325	1736.902	1375.902	146.9714	112.1067	146.6764	146.2398	0	100	0	0	0	-9999	10
1732.33	1736.905	1375.905	147.5379	114.2511	147.7503	151.2667	0	100	0	0	0	-9999	10
1732.335	1736.908	1375.908	141.5433	139.4685	141.5669	140.4695	0	100	0	0	0	-9999	10
1732.34	1736.912	1375.912	137.3424	144.2307	136.6108	135.478	0	87.21636	12.78364	12.78364	0	-9999	10
1732.345	1736.915	1375.915	141.6967	171.4811	141.1303	141.9799	0	100	0	0	0	-9999	10
1732.35	1736.918	1375.918	141.8973	162.263	141.8147	142.4874	0	100	0	0	0	-9999	10
1732.355	1736.922	1375.922	138.6169	118.1361	138.2747	139.2305	0	100	0	0	0	-9999	10
1732.36	1736.925	1375.925	139.7143	115.3512	139.4901	137.9797	0	100	0	0	0	-9999	10
1732.365	1736.928	1375.928	143.6556	140.4711	142.8178	143.0184	0	100	0	0	0	-9999	10
1732.37	1736.932	1375.932	146.051	138.4938	145.7088	146.3224	0	100	0	0	0	-9999	10
1732.375	1736.935	1375.935	144.694	126.6579	144.5406	145.2958	0	100	0	0	0	-9999	10
1732.38	1736.938	1375.938	146.818	148.0182	146.5584	145.9094	0	100	0	0	0	-9999	10
1732.385	1736.942	1375.942	145.3666	129.3036	144.9654	143.809	0	100	0	0	0	-9999	10
1732.39	1736.945	1375.945	143.8208	103.0418	144.104	144.1866	0	100	0	0	0	-9999	10
1732.395	1736.948	1375.948	145.7088	93.87947	145.1424	145.402	0	100	0	0	0	-9999	10
1732.4	1736.952	1375.952	147.3963	110.756	147.5969	146.5112	0	100	0	0	0	-9999	10
1732.405	1736.955	1375.955	149.4141	101.7747	149.7445	150.9835	0	100	0	0	0	-9999	10
1732.41	1736.958	1375.958	143.2308	83.46389	143.7618	143.2308	0	100	0	0	0	-9999	10
1732.415	1736.962	1375.962	142.1215	70.7229	142.5582	144.0096	0	100	0	0	0	-9999	10
1732.42	1736.965	1375.965	142.6172	80.28908	143.2308	145.0362	0	100	0	0	0	-9999	10
1732.425	1736.969	1375.969	143.809	85.91461	143.986	143.8562	0	100	0	0	0	-9999	10
1732.43	1736.972	1375.972	144.5878	83.79808	144.7058	144.4934	0	100	0	0	0	-9999	10
1732.435	1736.975	1375.975	144.458	94.19973	144.281	143.7264	0	100	0	0	0	-9999	10
1732.44	1736.979	1375.979	148.7179	111.5915	148.7179	146.5584	0	100	0	0	0	-9999	10
1732.445	1736.982	1375.982	147.5615	101.7886	147.9509	147.4671	0	100	0	0	0	-9999	10
1732.45	1736.985	1375.985	147.6559	80.98531	147.9273	147.113	0	100	0	0	0	-9999	10

1732.455	1736.989	1375.989	147.6441	72.99261	148.2459	148.5291	0	100	0	0	0	-9999	10
1732.46	1736.992	1375.992	146.936	78.33964	147.5379	150.0513	0	100	0	0	0	-9999	10
1732.465	1736.995	1375.995	146.1808	71.01532	146.8534	148.6707	0	100	0	0	0	-9999	10
1732.47	1736.999	1375.999	143.6084	73.56352	144.3872	144.2456	0	100	0	0	0	-9999	10
1732.475	1737.002	1376.002	146.5584	77.12821	147.0186	145.697	0	100	0	0	0	-9999	10
1732.48	1737.005	1376.005	144.694	65.47334	145.0598	146.1572	0	100	0	0	0	-9999	10
1732.485	1737.009	1376.009	145.0598	81.29165	145.4964	146.2988	0	100	0	0	0	-9999	10
1732.49	1737.012	1376.012	144.4108	64.01126	144.4816	145.5436	0	100	0	0	0	-9999	10
1732.495	1737.015	1376.015	143.219	55.35018	143.5612	144.1512	0	100	0	0	0	-9999	10
1732.5	1737.019	1376.019	143.9742	104.309	144.694	145.3194	0	100	0	0	0	-9999	10
1732.505	1737.022	1376.022	143.4432	98.69737	144.34	145.4374	0	100	0	0	0	-9999	10
1732.51	1737.025	1376.025	145.3194	98.19608	145.9094	147.9745	0	100	0	0	0	-9999	10
1732.515	1737.029	1376.029	145.166	85.85891	145.52	146.995	0	100	0	0	0	-9999	10
1732.52	1737.032	1376.032	143.6438	76.89149	144.1158	144.3636	0	100	0	0	0	-9999	10
1732.525	1737.035	1376.035	144.1748	76.09779	144.4816	144.5878	0	100	0	0	0	-9999	10
1732.53	1737.039	1376.039	145.4374	93.01614	145.7324	145.8268	0	100	0	0	0	-9999	10
1732.535	1737.042	1376.042	144.458	81.62584	144.5996	143.3724	0	100	0	0	0	-9999	10
1732.54	1737.046	1376.046	145.6026	93.26679	145.7442	147.2074	0	100	0	0	0	-9999	10
1732.545	1737.049	1376.049	144.399	79.80172	143.8562	142.8886	0	100	0	0	0	-9999	10
1732.55	1737.052	1376.052	143.9506	73.31287	143.4904	143.3842	0	100	0	0	0	-9999	10
1732.555	1737.056	1376.056	146.2398	125.2098	147.1248	149.7091	0	100	0	0	0	-9999	10
1732.56	1737.059	1376.059	142.511	86.59692	142.865	143.3252	0	100	0	0	0	-9999	10
1732.565	1737.062	1376.062	144.9418	85.06521	145.4728	145.6262	0	100	0	0	0	-9999	10
1732.57	1737.066	1376.066	145.8622	88.30964	146.6056	148.5999	0	100	0	0	0	-9999	10
1732.575	1737.069	1376.069	149.1545	91.62369	149.8625	149.9097	0	100	0	0	0	-9999	10
1732.58	1737.072	1376.072	147.7149	74.25974	148.3875	149.8271	0	100	0	0	0	-9999	10
1732.585	1737.076	1376.076	146.5466	88.82485	147.2074	146.5938	0	100	0	0	0	-9999	10
1732.59	1737.079	1376.079	144.1276	96.56691	145.2722	146.7708	0	100	0	0	0	-9999	10
1732.595	1737.082	1376.082	144.1394	87.8919	144.8238	145.638	0	100	0	0	0	-9999	10
1732.6	1737.086	1376.086	144.5878	74.9142	144.9182	144.2102	0	100	0	0	0	-9999	10
1732.605	1737.089	1376.089	145.6616	99.32397	144.2928	142.3103	0	87.88454	12.11546	12.11546	0	-9999	10
1732.61	1737.092	1376.092	141.9799	90.99708	142.511	143.0184	0	100	0	0	0	-9999	10
1732.615	1737.096	1376.096	143.3488	93.6706	144.1158	143.9978	0	100	0	0	0	-9999	10
1732.62	1737.099	1376.099	141.4253	84.80065	142.0507	143.514	0	100	0	0	0	-9999	10
1732.625	1737.102	1376.102	142.1097	102.7633	142.865	143.5376	0	100	0	0	0	-9999	10
1732.63	1737.106	1376.106	142.7588	67.67342	143.1364	142.9594	0	100	0	0	0	-9999	10
1732.635	1737.109	1376.109	145.4728	72.01789	145.933	145.0362	0	100	0	0	0	-9999	10
1732.64	1737.112	1376.112	145.8386	71.46091	146.2634	147.8565	0	100	0	0	0	-9999	10
1732.645	1737.116	1376.116	145.2486	67.31138	145.8622	147.4789	0	100	0	0	0	-9999	10
1732.65	1737.119	1376.119	145.1778	78.91055	146.1218	147.1366	0	100	0	0	0	-9999	10
1732.655	1737.123	1376.123	145.2604	88.35141	146.4168	147.8211	0	100	0	0	0	-9999	10
1732.66	1737.126	1376.126	145.4728	72.95083	146.2162	148.5999	0	100	0	0	0	-9999	10
1732.665	1737.129	1376.129	147.5969	91.33127	148.5527	151.9983	0	100	0	0	0	-9999	10
1732.67	1737.133	1376.133	143.691	130.9328	145.4374	148.5409	0	100	0	0	0	-9999	10
1732.675	1737.136	1376.136	137.3188	150.4829	139.6435	141.7557	0	100	0	0	0	-9999	10
1732.68	1737.139	1376.139	135.065	180.4764	137.9325	141.0595	0	100	0	0	0	-9999	10
1732.685	1737.143	1376.143	131.3479	285.3423	135.9618	141.1303	0	100	0	0	0	-9999	10
1732.69	1737.146	1376.146	126.439	303.7367	128.9289	132.3745	0	100	0	0	0	-9999	10
1732.695	1737.149	1376.149	110.6975	342.447	110.5677	118.6273	0	44.52234	55.47766	55.47766	0	-9999	10
1732.7	1737.153	1376.153	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1733.005	1737.357	1376.357	114.9692	116.8411	115.0872	114.2376	5.038287	39.86318	55.09853	45.6078	9.490737	-9999	10
1733.01	1737.36	1376.36	120.8693	103.6545	121.5655	121.6717	0	64.10334	35.89666	35.89666	0	-9999	10
1733.015	1737.364	1376.364	125.4478	91.30342	126.1086	126.0378	0	79.12768	20.87232	20.87232	0	-9999	10
1733.02	1737.367	1376.367	125.5776	112.5523	126.6632	128.0321	0	91.94989	8.050106	8.050106	0	-9999	10
1733.025	1737.37	1376.37	123.7722	97.54163	124.4094	124.1616	0	72.49665	27.50335	27.50335	0	-9999	10
1733.03	1737.374	1376.374	121.3649	88.56028	122.2145	123.607	0.328153	67.87911	31.79274	31.79274	0	-9999	10
1733.035	1737.377	1376.377	124.256	90.06413	124.7162	125.4596	0.322357	69.63401	30.04363	30.04363	0	-9999	10
1733.04	1737.38	1376.38	123.6306	104.8799	124.5274	126.5334	0	78.45999	21.54001	21.54001	0	-9999	10
1733.045	1737.384	1376.384	121.9667	110.6725	123.2176	124.1144	0	80.14613	19.85387	19.85387	0	-9999	10
1733.05	1737.387	1376.387	120.1613	86.23488	121.0227	121.0699	1.906783	63.86938	34.22383	34.22383	0	-9999	10
1733.055	1737.39	1376.39	119.7011	96.91502	120.5625	121.3885	0	63.08784	36.91216	36.91216	0	-9999	10
1733.06	1737.394	1376.394	118.8279	115.6714	120.0787	121.0699	0	68.76562	31.23438	31.23438	0	-9999	10
1733.065	1737.397	1376.397	119.2763	112.6776	120.1731	121.8959	0	63.45593	36.54407	36.54407	0	-9999	10
1733.07	1737.4	1376.4	116.8454	111.0206	117.6714	120.3973	0	54.86761	45.13239	45.13239	0	-9999	10
1733.075	1737.404	1376.404	114.7568	79.60678	115.2406	116.1964	11.40939	42.2183	46.3723	35.18596	11.18634	25.78391	10
1733.08	1737.407	1376.407	112.1371	79.35614	112.8687	114.2848	11.95964	39.88855	48.15181	25.60182	22.54999	26.08572	10
1733.085	1737.41	1376.41	112.2787	79.69033	112.8333	112.4203	13.12027	37.91259	48.96714	41.39133	7.575804	26.5269	10
1733.09	1737.414	1376.414	109.8479	59.91744	110.1193	108.5263	22.33654	28.71642	48.94704	30.06719	18.87985	27.33196	10
1733.095	1737.417	1376.417	110.2845	71.83687	111.5117	112.8097	11.64275	41.5478	46.80945	33.27808	13.53137	26.083	10
1733.1	1737.42	1376.42	115.217	91.72116	115.7244	118.0372	7.871417	44.43259	47.696	41.37065	6.325352	-9999	10
1733.105	1737.424	1376.424	104.5024	84.67532	105.3874	105.9774	16.5075	28.11391	55.37859	35.81119	19.5674	27.39876	9
1733.11	1737.427	1376.427	99.93568	76.4459	99.15686	98.22464	35.59509	10.02162	54.38329	34.59967	19.78362	28.99309	9
1733.115	1737.43	1376.43	96.3012	59.66679	96.0298	94.48397	39.06692	9.550417	51.38266	18.79637	32.58629	29.36212	9

1733.12	1737.434	1376.434	94.55477	47.26	94.05916	92.57233	45.41367	6.441	48.14533	34.04532	14.10001	30.1578	9
1733.125	1737.437	1376.437	96.52541	78.35357	95.08578	93.71695	43.39219	4.554402	52.05341	26.96735	25.08605	29.83737	9
1733.13	1737.441	1376.441	96.85581	70.75075	96.53721	96.72601	36.24017	10.40809	53.35174	31.14281	22.20893	28.74096	9
1733.135	1737.444	1376.444	103.877	54.6818	103.7472	103.936	32.20617	16.60069	51.19314	36.9553	14.23784	28.30858	9
1733.14	1737.447	1376.447	102.4609	88.797	103.2515	105.1514	18.1198	24.684	57.1962	36.73114	20.46507	27.38436	9
1733.145	1737.451	1376.451	98.99166	67.04682	99.33386	101.1393	30.05024	15.97745	53.97231	37.29254	16.67977	27.92884	9
1733.15	1737.454	1376.454	97.32782	131.2112	97.31602	97.33962	18.79673	16.62833	64.57494	43.15901	21.41593	28.04407	9
1733.155	1737.457	1376.457	100.7617	182.8575	103.2515	109.7299	0	41.91559	58.08441	58.08441	0	-9999	9
1733.16	1737.461	1376.461	104.8918	143.1307	107.1102	114.9102	0	45.19605	54.80395	54.80395	0	-9999	9
1733.165	1737.464	1376.464	109.8951	112.3156	112.3023	114.3674	0	57.85828	42.14172	42.14172	0	-9999	9
1733.17	1737.467	1376.467	101.8945	72.49132	101.8827	102.3901	28.8056	16.71023	54.48417	29.70105	24.78313	28.08083	9
1733.175	1737.471	1376.471	99.66427	86.81971	98.27184	96.46641	38.08982	6.655069	55.25511	20.76366	34.49145	29.45291	9
1733.18	1737.474	1376.474	101.0567	84.8285	99.52267	98.74385	38.38808	6.209568	55.40235	34.38428	21.01807	29.40058	9
1733.185	1737.477	1376.477	105.3756	93.7263	104.9626	107.0866	23.57351	18.37302	58.05347	34.68221	23.37126	27.60819	9
1733.19	1737.481	1376.481	111.9837	62.5631	112.5973	114.2612	17.0792	36.91646	46.00434	34.39538	11.60896	25.97976	9
1733.195	1737.484	1376.484	108.2784	111.0902	109.0809	110.6739	7.281262	35.32592	57.39282	47.44711	9.94571	-9999	9
1733.2	1737.487	1376.487	104.9508	53.42858	105.3048	104.5496	27.77201	21.91476	50.31324	24.49069	25.82255	27.92478	9
1733.205	1737.491	1376.491	110.1311	109.5307	111.5117	112.1135	1.473104	45.60169	52.92521	52.92521	0	-9999	9
1733.21	1737.494	1376.494	110.2727	81.66762	111.3937	114.0842	10.09763	40.90273	48.99964	43.14706	5.852579	26.04957	9
1733.215	1737.497	1376.497	119.8427	73.80023	121.4357	121.8251	0	76.27907	23.72093	23.72093	0	-9999	9
1733.22	1737.501	1376.501	122.0729	55.57297	122.8871	124.2324	7.934064	67.41334	24.65259	24.65259	0	-9999	9
1733.225	1737.504	1376.504	120.1377	57.84267	121.0227	121.9667	8.616505	62.33469	29.0488	19.67445	9.374353	23.05736	9
1733.23	1737.507	1376.507	125.6484	57.89837	126.734	128.1147	1.978488	88.58827	9.433245	9.433245	0	-9999	9
1733.235	1737.511	1376.511	123.7368	92.84905	124.9758	127.2178	0	86.12816	13.87184	13.87184	0	-9999	9
1733.24	1737.514	1376.514	109.3051	62.24284	108.9393	108.1958	27.21158	21.10221	51.68621	22.56477	29.12144	27.90947	9
1733.245	1737.518	1376.518	101.4697	59.79211	101.5169	102.2721	31.81237	15.86951	52.31812	32.98708	19.33105	28.21996	9
1733.25	1737.521	1376.521	104.0894	111.5637	103.5702	105.9774	21.26326	17.46125	61.27549	35.30811	25.96737	27.63037	9
1733.255	1737.524	1376.524	102.9329	70.23554	103.1099	103.6764	26.93292	19.10954	53.95754	26.78359	27.17395	27.87971	9
1733.26	1737.528	1376.528	105.9184	61.49091	106.3904	106.0246	24.0162	24.8663	51.11751	36.80323	14.31428	27.56232	9
1733.265	1737.531	1376.531	109.6237	72.3103	108.9865	107.4642	26.58553	19.26424	54.15023	31.52136	22.62887	28.21567	9
1733.27	1737.534	1376.534	104.5378	67.10251	103.877	102.3901	32.70775	13.69156	53.60069	29.99262	23.60807	28.83886	9
1733.275	1737.538	1376.538	106.6972	58.33003	106.1898	103.8534	31.65512	16.47481	51.87007	22.93683	28.93324	28.75958	9
1733.28	1737.541	1376.541	106.9214	60.87823	106.886	104.2428	27.17412	21.36217	51.46372	26.52977	24.93395	28.26906	9
1733.285	1737.544	1376.544	106.296	52.50956	105.9892	105.7768	31.87811	17.50847	50.61342	19.78338	30.83003	28.29668	9
1733.29	1737.548	1376.548	106.1898	41.92689	106.532	107.594	29.50697	22.7083	47.78473	20.8659	26.91883	27.5474	9
1733.295	1737.551	1376.551	100.7735	41.85726	100.8679	101.4933	36.42731	14.31577	49.25692	32.54934	16.70758	28.66037	9
1733.3	1737.554	1376.554	102.5789	66.19742	102.0597	100.0655	33.63149	13.09475	53.27376	33.38731	19.88646	28.99035	9
1733.305	1737.558	1376.558	105.4346	52.63488	105.4936	107.948	29.80528	19.84086	50.35387	21.13549	29.21838	27.54024	9
1733.31	1737.561	1376.561	103.6056	37.10899	103.6174	103.9006	35.61107	16.28447	48.10446	26.00639	22.09807	28.5451	9
1733.315	1737.564	1376.564	100.1717	60.79468	100.0773	100.5493	33.86135	13.71905	52.4196	37.31056	15.10904	28.48959	9
1733.32	1737.568	1376.568	99.75867	61.79725	99.33386	97.59923	36.55935	11.23155	52.2091	36.21738	15.99172	29.19696	9
1733.325	1737.571	1376.571	106.4612	46.50807	105.6824	104.9154	36.83656	12.96278	50.20067	26.31911	23.88156	29.08859	9
1733.33	1737.574	1376.574	106.4848	60.11238	105.6706	103.5466	33.79696	13.58162	52.62142	34.89265	17.72878	29.06482	9
1733.335	1737.578	1376.578	103.0391	59.95921	102.8503	102.2485	32.15709	15.63491	52.208	31.69342	20.51458	28.50684	9
1733.34	1737.581	1376.581	107.9362	98.00114	107.5704	110.0013	19.81739	21.86866	58.31395	35.91628	22.39767	27.34231	10
1733.345	1737.584	1376.584	107.4288	71.58623	108.5027	111.0397	15.51949	33.97856	50.50195	27.85307	22.64888	26.46816	10
1733.35	1737.588	1376.588	109.3169	55.29448	109.5411	111.2521	24.30963	27.02961	48.66076	21.80948	26.85127	26.8782	10
1733.355	1737.591	1376.591	103.5466	68.20256	102.7677	101.6349	34.26798	12.01009	53.72194	27.03906	26.68288	28.95693	10
1733.36	1737.595	1376.595	106.8978	95.57826	107.3462	103.0509	15.04889	28.37616	56.57494	31.83024	24.74471	28.28259	10
1733.365	1737.598	1376.598	113.8482	77.64342	112.9395	112.2315	23.51178	21.3336	55.15462	26.95963	28.19499	27.81441	10
1733.37	1737.601	1376.601	114.0724	75.31801	113.5532	108.4791	20.85035	26.62159	52.52806	35.71127	16.81679	28.09172	10
1733.375	1737.605	1376.605	122.0139	91.44267	123.0996	122.6629	0	75.452	24.548	24.548	0	-9999	10
1733.38	1737.608	1376.608	123.0524	53.81847	123.0288	122.8517	13.95067	52.45737	33.59196	25.66491	7.927049	23.68638	10
1733.385	1737.611	1376.611	127.2178	60.2934	127.8905	128.4923	3.15583	84.85078	11.99339	11.99339	0	-9999	10
1733.39	1737.615	1376.615	129.8965	66.72655	130.6045	130.8995	0	99.12171	0.878292	0.878292	0	-9999	10
1733.395	1737.618	1376.618	123.5834	64.88851	122.8753	124.079	16.0874	39.84719	44.06541	26.38223	17.68318	24.92062	10
1733.4	1737.621	1376.621	118.6391	62.22891	118.0372	119.2173	20.45671	31.92519	47.61809	32.43445	15.18364	26.1054	10
1733.405	1737.625	1376.625	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1733.43	1737.641	1376.641	114.5444	62.35424	114.3674	113.3172	20.90123	31.19269	47.90609	23.11702	24.78907	26.80671	10
1733.435	1737.645	1376.645	116.2672	71.09887	116.1374	114.9928	16.83421	35.6498	47.51599	25.61504	21.90094	26.40783	10
1733.44	1737.648	1376.648	120.4563	65.40372	121.4121	122.7809	5.944903	65.31628	28.73882	23.16212	5.5767	-9999	10
1733.445	1737.651	1376.651	121.7661	49.11197	122.2617	122.4269	12.24909	59.22726	28.52365	10.61162	17.91203	23.01513	10
1733.45	1737.655	1376.655	117.2584	103.376	117.8956	120.2793	2.166842	52.34509	45.48807	45.48807	0	-9999	10
1733.455	1737.658	1376.658	123.5834	47.17645	123.8666	124.8814	12.69176	60.37832	26.92992	13.69938	13.23053	22.43052	10
1733.46	1737.661	1376.661	124.4802	40.84077	124.669	125.1174	14.13154	60.7276	25.14086	20.08949	5.051372	22.23394	10
1733.465	1737.665	1376.665	127.2768	44.83712	127.9495	129.8375	6.841967	84.06977	9.088258	1.204529	7.883729	-9999	10
1733.47	1737.668	1376.668	124.0082	43.40289	124.2324	124.1616	13.6714	60.17114	26.15747	1.92758	24.22989	22.51149	10
1733.475	1737.672	1376.672	123.0996	86.45767	124.256	125.0938	0	81.04537	18.95463	18.95463	0	-9999	10
1733.48	1737.675	1376.675	127.2768	51.47914	127.7606	127.9259	6.697828	79.34011	13.96206	9.735269	4.226796	-9999	10
1733.485	1737.678	1376.678	128.2209	45.5612	128.7283	129.8257	7.078569	83.66981	9.251618	0	9.251618	-9999	10
1733.49	1737.682	1376.682	130.2741	50.53227	131.1591	132.2683	1.003095	94.62031	4.3766	4.3766	0	-9999	10
1733.495	1737.685	1376.685	128.2327	45.58905	128.8345	130.2269	6.329358	86.43651	7.234135	0	7.234135	-9999	10
1733.5	1737.688	1376.688	129.3301	43.98772	129.6959	130.5809	7.536288	84.34295	8.120758	0	8.120758	-9999	10

1733.505	1737.692	1376.692	130.5219	43.19402	130.9939	132.3037	5.808818	93.17568	1.015498	0	1.015498	-9999	10
1733.51	1737.695	1376.695	130.5927	40.10277	131.1355	132.6814	5.311699	85.4434	9.244905	9.244905	0	-9999	10
1733.515	1737.698	1376.698	131.5485	42.60919	131.9851	132.1975	4.77586	87.84072	7.383415	7.383415	0	-9999	10
1733.52	1737.702	1376.702	133.6962	53.10832	134.18	135.242	0.357751	89.9364	9.70585	9.70585	0	-9999	10
1733.525	1737.705	1376.705	133.767	71.40521	134.5458	134.947	0	100	0	0	0	-9999	10
1733.53	1737.708	1376.708	134.6166	71.04317	134.8762	135.5488	0	100	0	0	0	-9999	10
1733.535	1737.712	1376.712	133.6372	74.76103	133.7906	134.18	0	100	0	0	0	-9999	3
1733.54	1737.715	1376.715	137.0238	115.2955	137.6139	139.3839	0	100	0	0	0	-9999	3
1733.545	1737.718	1376.718	141.0241	133.843	141.2601	140.9179	0	100	0	0	0	-9999	3
1733.55	1737.722	1376.722	143.3724	121.9932	143.4078	143.4078	0	100	0	0	0	-9999	3
1733.555	1737.725	1376.725	148.1515	95.0909	148.7769	150.4643	0	100	0	0	0	-9999	3
1733.56	1737.728	1376.728	151.2195	75.88892	151.6089	152.9306	0	100	0	0	0	-9999	3
1733.565	1737.732	1376.732	149.2725	119.6539	149.5675	149.6973	0	100	0	0	0	-9999	3
1733.57	1737.735	1376.735	154.9602	193.5655	156.1874	156.506	0	100	0	0	0	-9999	3
1733.575	1737.738	1376.738	154.146	202.6304	155.4204	155.857	0	100	0	0	0	-9999	3
1733.58	1737.742	1376.742	155.857	272.1975	158.5003	165.4742	0	100	0	0	0	-9999	3
1733.585	1737.745	1376.745	154.6534	270.6798	157.5327	169.2621	0	100	0	0	0	-9999	3
1733.59	1737.749	1376.749	154.9838	227.5832	157.8749	160.4473	0	100	0	0	0	-9999	3
1733.595	1737.752	1376.752	151.1251	223.6843	153.6858	152.4704	0	100	0	0	0	-9999	3
1733.6	1737.755	1376.755	141.8619	131.072	142.8532	142.3221	0	100	0	0	0	-9999	3
1733.605	1737.759	1376.759	129.7313	90.98316	130.3331	132.6341	0	96.60931	3.390695	3.390695	0	-9999	3
1733.61	1737.762	1376.762	132.6932	56.03248	133.3894	133.3776	0	100	0	0	0	-9999	3
1733.615	1737.765	1376.765	117.8012	125.3768	118.9459	122.6629	0	64.09979	35.90021	35.90021	0	-9999	3
1733.62	1737.769	1376.769	119.3707	71.87864	120.4799	121.8959	4.187869	65.01146	30.80067	30.80067	0	-9999	3
1733.625	1737.772	1376.772	111.7595	104.7824	111.8893	111.6533	10.81793	33.26762	55.91445	34.79954	21.11491	27.23781	3
1733.63	1737.775	1376.775	105.9538	80.12199	103.9832	101.7647	38.40545	4.575937	57.01862	28.52816	28.49046	30.07603	3
1733.635	1737.779	1376.779	101.8827	84.6057	99.81767	97.25702	41.7974	2.919731	55.28287	25.1665	30.11637	30.29778	3
1733.64	1737.782	1376.782	101.8237	107.1078	99.23946	97.25702	40.43005	0.973723	58.59622	25.74416	32.85207	30.06148	3
1733.645	1737.785	1376.785	102.9565	84.92597	101.8119	98.08304	33.59873	9.93771	56.46356	32.70829	23.75527	29.47449	3
1733.65	1737.789	1376.789	105.293	85.16268	103.9006	98.99166	33.3124	9.401782	57.28581	29.76063	27.52518	29.80672	3
1733.655	1737.792	1376.792	107.0748	109.9763	107.2636	106.9804	13.41367	27.05459	59.53174	50.56841	8.963331	27.76708	3
1733.66	1737.795	1376.795	104.5142	117.3006	104.3372	104.3372	16.832	21.1045	62.0635	39.8347	22.22881	27.98715	3
1733.665	1737.799	1376.799	103.9478	154.9944	102.1659	98.46065	20.66865	10.3723	68.95906	49.91323	19.04583	29.16648	3
1733.67	1737.802	1376.802	108.2902	116.493	108.1132	106.0836	13.55345	25.45267	60.99388	41.09039	19.90349	28.19576	3
1733.675	1737.805	1376.805	104.29	109.851	103.3105	102.5789	25.05981	13.78413	61.15606	45.25263	15.90343	28.42098	3
1733.68	1737.809	1376.809	103.7708	134.2468	101.9535	99.45187	26.12677	8.636001	65.23723	44.07363	21.1636	29.02123	3
1733.685	1737.812	1376.812	95.93539	108.1104	94.11816	92.92633	39.66031	4.416652	55.92303	24.52166	31.40137	29.17888	3
1733.69	1737.815	1376.815	90.44828	68.4532	88.72545	86.90821	53.57388	0.876605	45.54951	26.35834	19.19118	31.0957	3
1733.695	1737.819	1376.819	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1734.035	1738.046	1377.046	116.0548	45.07384	116.928	119.2881	15.55427	49.01864	35.42709	14.97891	20.44818	24.23364	9
1734.04	1738.05	1377.05	120.3973	46.78656	120.3973	121.8959	17.91214	45.3639	36.72396	11.06434	25.65963	24.3065	9
1734.045	1738.053	1377.053	116.7982	69.90135	117.459	118.9341	10.5082	49.25622	40.23558	22.38853	17.84705	24.7619	9
1734.05	1738.056	1377.056	115.217	96.99857	116.1846	122.3561	3.02766	51.75023	45.22211	43.2755	1.946609	-9999	9
1734.055	1738.06	1377.06	110.8863	69.88743	110.3081	112.6917	25.55299	21.23131	53.21571	34.00007	19.21564	27.28106	9
1734.06	1738.063	1377.063	106.5202	51.78548	106.6736	104.526	28.28044	22.03403	49.68553	18.8454	30.84012	28.14734	9
1734.065	1738.067	1377.067	107.4878	59.01234	108.2666	105.9302	20.79438	30.1788	49.02682	31.24673	17.78008	27.45944	9
1734.07	1738.07	1377.07	108.7741	54.70964	108.2902	109.2815	30.43766	18.72096	50.84138	26.2869	24.55449	27.89294	9
1734.075	1738.073	1377.073	111.7713	59.97313	111.4881	110.7565	24.85173	25.21427	49.934	34.09225	15.84175	27.42992	9
1734.08	1738.077	1377.077	114.5208	89.50715	115.335	116.4206	6.669975	47.1661	46.16393	32.37609	13.78784	-9999	9
1734.085	1738.08	1377.08	115.8188	63.66315	116.2318	117.341	14.8394	42.49994	42.66066	18.27674	24.38392	25.33255	9
1734.09	1738.083	1377.083	117.3174	72.81159	117.9074	119.1701	9.874962	49.65152	40.47352	34.40996	6.063553	24.77578	9
1734.095	1738.087	1377.087	119.4769	62.75805	120.0197	120.7159	10.68704	54.10985	35.20311	31.3047	3.898415	24.01155	9
1734.1	1738.09	1377.09	120.3855	77.69911	120.4445	120.7631	9.984897	48.53634	41.47877	22.79878	18.67999	24.79911	9
1734.105	1738.093	1377.093	116.3498	96.60868	117.7186	119.0521	0	61.38675	38.61325	38.61325	0	-9999	9
1734.11	1738.097	1377.097	117.695	117.3841	119.2763	118.8869	0	70.93629	29.06371	29.06371	0	-9999	9
1734.115	1738.1	1377.1	110.6621	94.53392	111.1695	111.9247	11.38123	35.20435	53.41442	49.44183	3.972599	26.8423	9
1734.12	1738.103	1377.103	98.57865	46.13211	99.00346	99.77047	34.8514	14.70238	50.44622	27.83604	22.61018	28.48295	9
1734.125	1738.107	1377.107	97.30422	44.94852	98.38985	100.4785	31.189	17.49872	51.31228	25.47421	25.83807	27.93816	9
1734.13	1738.11	1377.11	95.86459	53.05262	98.16564	101.8001	21.13272	23.81464	55.05264	40.84057	14.21207	27.35109	9
1734.135	1738.113	1377.113	90.35388	54.33368	92.12392	95.74659	30.0079	14.62897	55.36314	37.36977	17.99337	27.7893	9
1734.14	1738.117	1377.117	90.64889	30.50874	90.92029	91.73451	47.11652	6.569844	46.31364	22.81495	23.49869	29.96382	9
1734.145	1738.12	1377.12	85.36238	29.21375	85.38598	85.13817	54.21398	2.758546	43.02747	13.99022	29.03725	31.09619	9
1734.15	1738.123	1377.123	81.89311	19.24376	81.89311	81.5863	60.00135	0.621229	39.37742	12.0097	27.36772	32.15691	9
1734.155	1738.127	1377.127	79.91067	22.69705	79.67466	79.58026	62.81854	0	37.18146	8.429254	28.75221	31.93867	9
1734.16	1738.13	1377.13	80.85468	27.72382	80.60688	80.20567	60.82501	0.179026	38.99596	20.41739	18.57857	32.13618	9
1734.165	1738.133	1377.133	82.18811	25.37057	81.98751	81.99931	59.80194	0.585551	39.61251	9.546873	30.06564	31.9704	9
1734.17	1738.137	1377.137	83.62774	26.70733	83.02593	83.00233	61.26335	0.007262	38.72939	26.36297	12.36642	32.32777	9
1734.175	1738.14	1377.14	82.71912	33.61392	82.44772	82.16451	57.86723	1.126016	41.00675	26.66978	14.33697	31.55006	9
1734.18	1738.144	1377.144	78.94305	48.77778	78.44744	78.30583	59.40915	0.446982	40.14386	15.11066	25.0332	31.31999	9
1734.185	1738.147	1377.147	78.35303	51.10318	77.53882	75.96938	61.85842	0	38.14158	10.61741	27.52417	31.60727	9
1734.19	1738.15	1377.15	78.05803	49.13982	77.14941	75.94578	63.33657	0	36.66343	6.290024	30.3734	31.29997	9
1734.195	1738.154	1377.154	79.96967	30.32772	79.79266	80.64228	60.46038	0.257046	39.28258	10.74694	28.53563	31.73911	9
1734.2	1738.157	1377.157	82.27071	33.54429	82.14091	82.77812	57.19919	1.362852	41.43795	25.002	16.43595	31.23805	9

1734.205	1738.16	1377.16	81.5391	34.15698	81.27949	79.22625	58.72998	0.801317	40.4687	22.06957	18.39913	31.96383	9
1734.21	1738.164	1377.164	83.95815	47.63596	82.89613	79.68646	59.46127	0.174827	40.3639	28.50233	11.86157	32.23681	9
1734.215	1738.167	1377.167	85.25618	41.5927	84.76057	81.84591	55.33986	1.875122	42.78501	17.05308	25.73193	31.59671	9
1734.22	1738.17	1377.17	88.56024	51.46522	87.30942	86.33	55.76389	1.031323	43.20478	20.08012	23.12467	31.38635	9
1734.225	1738.174	1377.174	85.72819	38.3065	85.10277	84.66616	56.70685	1.400885	41.89227	26.33214	15.56013	31.45659	9
1734.23	1738.177	1377.177	84.90217	57.34139	83.85195	82.49492	56.15261	1.105487	42.74191	27.80908	14.93283	31.19254	9
1734.235	1738.18	1377.18	84.12335	44.69788	83.07313	82.40052	59.92885	0.052115	40.01904	25.1188	14.90023	31.91877	9
1734.24	1738.184	1377.184	84.19415	39.18375	83.72214	82.23531	56.71699	1.41821	41.8648	25.01507	16.84973	31.5537	9
1734.245	1738.187	1377.187	81.6689	32.08221	82.02291	82.71912	54.35716	2.379151	43.26369	29.75673	13.50696	30.74882	9
1734.25	1738.19	1377.19	81.85771	52.1893	81.03169	81.6571	58.46273	0.606839	40.93043	10.72564	30.20479	31.12447	9
1734.255	1738.194	1377.194	84.01715	39.97745	83.63954	83.17933	55.95614	1.695229	42.34863	14.78305	27.56558	31.20819	9
1734.26	1738.197	1377.197	88.01743	29.64541	88.08823	89.24466	51.30106	4.212135	44.4868	32.09976	12.38704	30.45873	9
1734.265	1738.2	1377.2	85.37418	49.83604	85.24438	84.59536	50.4014	3.65412	45.94448	20.61281	25.33167	30.29021	9
1734.27	1738.204	1377.204	84.60716	47.45494	84.83137	84.40656	48.93973	4.301115	46.75916	28.83572	17.92343	30.05386	9
1734.275	1738.207	1377.207	92.41892	78.89663	89.98807	93.55175	54.72069	0	45.27931	27.10296	18.17634	29.06477	9
1734.28	1738.21	1377.21	89.42166	32.15184	89.44526	89.65767	49.76842	4.934107	45.29747	20.25905	25.03842	30.41514	9
1734.285	1738.214	1377.214	87.22682	45.03207	87.06161	87.47462	50.1339	4.008085	45.85802	26.84345	19.01457	30.20174	9
1734.29	1738.217	1377.217	98.92086	65.20877	99.44007	100.4903	29.18841	16.95196	53.85964	37.18228	16.67736	27.99439	9
1734.295	1738.221	1377.221	97.28062	73.47997	97.77623	96.97382	28.8787	15.74821	55.37309	33.59396	21.77913	28.35782	9
1734.3	1738.224	1377.224	103.8652	46.77264	103.8062	105.1042	33.58234	16.63687	49.7808	28.48288	21.29791	28.17946	9
1734.305	1738.227	1377.227	103.8062	71.30774	104.5614	103.877	21.38894	25.05725	53.55381	29.12405	24.42976	27.69476	9
1734.31	1738.231	1377.231	103.3223	97.90367	103.818	103.1571	17.40977	24.02304	58.56719	37.9379	20.62929	27.89866	9
1734.315	1738.234	1377.234	106.9804	144.2864	107.2872	108.243	4.282949	30.39422	65.32283	63.61216	1.710673	-9999	9
1734.32	1738.237	1377.237	98.99166	99.82526	99.56987	101.5405	20.28882	19.75424	59.95694	44.59326	15.36368	27.60535	9
1734.325	1738.241	1377.241	105.4346	136.3633	105.588	110.1901	8.811375	26.34089	64.84773	53.14673	11.701	27.37687	9
1734.33	1738.244	1377.244	101.2691	155.1058	101.5405	100.5257	7.193424	23.74564	69.06094	67.30768	1.75326	-9999	9
1734.335	1738.247	1377.247	94.64917	63.39858	95.10938	94.60197	34.01369	12.5624	53.42391	24.2462	29.17772	28.65488	9
1734.34	1738.251	1377.251	92.24192	54.97421	93.76415	94.43676	30.03638	15.30582	54.6578	30.03145	24.62635	28.279	9
1734.345	1738.254	1377.254	89.26826	97.15174	89.88187	90.58989	29.60698	11.62741	58.76561	30.04081	28.7248	27.95962	9
1734.35	1738.257	1377.257	83.42714	28.79602	83.79295	84.02895	53.44339	2.947833	43.60878	15.11663	28.49215	30.81121	9
1734.355	1738.261	1377.261	87.33302	75.63828	88.27704	89.40986	34.03301	10.21206	55.75493	27.51344	28.2415	28.20771	9
1734.36	1738.264	1377.264	88.63104	41.13319	88.52484	87.07341	49.32827	4.623341	46.04838	24.40422	21.64416	30.53163	9
1734.365	1738.267	1377.267	77.57422	24.79966	76.878	75.92218	68.02586	0	31.97414	16.18606	15.78808	30.96389	9
1734.37	1738.271	1377.271	73.25533	31.03787	72.0399	71.27289	74.51348	0	25.48652	14.53372	10.95281	30.31979	9
1734.375	1738.274	1377.274	75.47377	25.53767	74.80116	74.22295	69.59677	0	30.40323	10.54968	19.85355	30.64555	9
1734.38	1738.277	1377.277	80.40628	20.52482	79.73366	79.34425	66.27198	0	33.72802	6.954444	26.77358	31.3154	9
1734.385	1738.281	1377.281	85.61018	32.55565	85.69278	86.15299	52.72	3.289928	43.99007	30.36388	13.62619	30.68401	9
1734.39	1738.284	1377.284	89.29186	26.99975	89.58686	89.92907	49.03125	5.607752	45.36099	27.91735	17.44365	30.32765	9
1734.395	1738.287	1377.287	94.27156	43.8624	93.24494	92.78473	50.61178	3.438404	45.94982	33.478	12.47182	30.80455	9
1734.4	1738.291	1377.291	91.75811	32.04044	91.68731	91.88791	48.37746	5.835056	45.78748	17.70152	28.08596	30.27897	9
1734.405	1738.294	1377.294	105.234	56.00463	106.1426	108.2076	22.58982	27.52966	49.88052	21.00175	28.87878	26.93024	9
1734.41	1738.297	1377.297	114.4736	44.14089	115.394	116.3026	16.86897	45.54599	37.58505	26.26093	11.32411	24.9642	9
1734.415	1738.301	1377.301	119.2527	22.64135	119.5123	119.2173	22.79639	45.60252	31.60109	2.055895	29.5452	24.50151	9
1734.42	1738.304	1377.304	118.0963	25.69084	117.9782	116.1374	26.04879	36.5027	37.44852	14.60257	22.84595	25.99661	9
1734.425	1738.308	1377.308	122.3679	21.56916	122.8399	123.7958	18.54368	58.81651	22.6398	8.232107	14.4077	22.35207	9
1734.43	1738.311	1377.311	116.279	28.67069	116.3262	118.3205	25.71919	35.52443	38.75637	25.75542	13.00095	25.53529	9
1734.435	1738.314	1377.314	97.26882	30.9961	96.57261	96.79681	48.40729	5.821292	45.77142	24.16737	21.60405	30.48396	9
1734.44	1738.318	1377.318	83.49794	24.79966	82.81353	81.91671	62.48459	0	37.51541	9.25148	28.26393	32.21352	9
1734.445	1738.321	1377.321	84.24135	26.8605	84.71336	85.38598	52.33964	3.5273	44.13306	22.50951	21.62355	30.61723	9
1734.45	1738.324	1377.324	79.55666	22.0426	79.46226	80.00507	62.20518	0	37.79482	6.617308	31.17751	31.95491	9
1734.455	1738.328	1377.328	82.64832	18.0184	82.37692	82.40052	61.70649	0.049087	38.24443	10.28727	27.95715	32.49715	9
1734.46	1738.331	1377.331	84.80777	23.37936	84.73696	85.10277	56.86776	1.823904	41.30833	20.35913	20.94921	31.5066	9
1734.465	1738.334	1377.334	84.30036	44.0295	84.25315	83.58054	52.15434	3.084336	44.76132	31.6058	13.15552	30.58442	9
1734.47	1738.338	1377.338	92.45432	47.38532	92.63133	92.60773	42.103	8.444956	49.45205	25.61692	23.83512	29.38282	9
1734.475	1738.341	1377.341	92.66673	55.09953	92.20652	90.73149	44.97915	6.119834	48.90102	16.40741	32.49361	29.96313	9
1734.48	1738.344	1377.344	88.76085	41.88511	88.90245	90.46008	47.1064	5.701436	47.19216	28.78672	18.40544	29.66212	9
1734.485	1738.348	1377.348	94.30696	48.74993	94.56657	94.43676	39.42817	10.25069	50.32114	35.81188	14.50926	29.12646	9
1734.49	1738.351	1377.351	90.79049	29.84036	90.49548	90.15328	51.53768	4.180331	44.28199	16.15553	28.12646	30.87448	9
1734.495	1738.354	1377.354	86.86101	40.32556	86.5424	85.79899	52.79829	2.992599	44.20911	20.60791	23.60121	30.86784	9
1734.5	1738.358	1377.358	92.25372	43.8067	92.10032	92.15932	45.71423	6.542272	47.7435	33.97306	13.77044	29.84429	9
1734.505	1738.361	1377.361	95.74659	45.90932	95.28638	95.13298	44.36971	7.231019	48.39928	31.38835	17.01093	29.80175	9
1734.51	1738.364	1377.364	102.8621	56.60339	102.4963	101.6467	34.50382	13.86366	51.63251	26.14445	25.48806	28.79969	9
1734.515	1738.368	1377.368	93.38654	42.4421	92.78473	91.1917	48.47744	4.971733	46.55083	23.32286	23.22796	30.61449	9
1734.52	1738.371	1377.371	78.27043	40.32556	77.12581	76.42959	67.10325	0	32.89675	24.08289	8.81386	30.73849	9
1734.525	1738.374	1377.374	79.39145	34.15698	79.34425	79.35605	59.05968	0.652339	40.28798	22.9383	17.34968	31.52796	9
1734.53	1738.378	1377.378	74.97816	26.94405	74.35275	74.62416	69.34658	0	30.65342	6.772165	23.88126	30.48439	9
1734.535	1738.381	1377.381	78.64804	23.61607	78.11703	77.33821	66.04405	0	33.95595	20.86882	13.08714	31.30658	9
1734.54	1738.385	1377.385	81.5391	30.34164	81.10249	79.15545	61.02507	0.072982	38.90195	8.51181	30.39014	32.45093	9
1734.545	1738.388	1377.388	81.91671	40.47873	81.91671	81.5509	54.84078	2.063235	43.09599	25.34423	17.75176	30.8895	9
1734.55	1738.391	1377.391	88.31244	79.98274	89.00865	90.87309	34.00107	10.1827	55.81623	32.38449	23.43175	28.03603	9
1734.555	1738.395	1377.395	91.2861	53.70708	90.68429	90.12968	47.68372	4.724509	47.59177	15.55627	32.0355	30.11603	9
1734.56	1738.398	1377.398	88.41864	31.28851	88.59564	89.13846	49.71125	4.937916	45.35083	29.33078	16.02005	30.32087	9
1734.565	1738.401	1377.401	93.19774	35.42411	94.28336	95.43978	37.27187	12.686	50.04213	20.74135	29.30078	28.73171	9

1734.57	1738.405	1377.405	92.52512	23.37936	92.37172	92.05312	50.40796	5.321713	44.27033	20.85088	23.41945	30.79109	9
1734.575	1738.408	1377.408	87.86403	20.2881	87.69883	87.00261	55.5357	2.628208	41.83609	14.48503	27.35107	31.62996	9
1734.58	1738.411	1377.411	92.99713	40.38126	93.88215	94.80257	37.81148	11.82654	50.36198	27.86429	22.49769	28.80419	9
1734.585	1738.415	1377.415	98.90906	37.67989	99.21586	99.87668	37.50739	13.68292	48.80969	20.81489	27.9948	28.77519	9
1734.59	1738.418	1377.418	101.1865	57.22999	101.7293	99.68787	28.85197	19.05355	52.09448	29.67701	22.41746	28.43701	9
1734.595	1738.421	1377.421	97.28062	39.93567	96.77321	94.88517	44.76983	7.521014	47.70916	28.53956	19.1696	30.24825	9
1734.6	1738.425	1377.425	96.53721	100.3962	96.77321	96.4192	25.06086	15.36471	59.57443	28.99634	30.57808	28.12654	9
1734.605	1738.428	1377.428	107.0276	39.47616	107.299	106.7444	29.87796	23.03956	47.08248	23.63191	23.45057	27.80151	9
1734.61	1738.431	1377.431	115.2288	65.89108	116.6448	120.3265	7.069646	56.62473	36.30563	22.54658	13.75905	-9999	9
1734.615	1738.435	1377.435	117.164	66.71263	118.5919	121.2941	4.998958	62.99766	32.00339	32.00339	0	-9999	9
1734.62	1738.438	1377.438	121.1407	51.42345	121.8015	123.5008	10.98476	60.74933	28.26591	22.00666	6.259243	22.72656	9
1734.625	1738.441	1377.441	125.8136	56.54769	126.5216	127.4066	5.079826	79.48575	15.43443	11.31802	4.116401	-9999	9
1734.63	1738.445	1377.445	126.5334	42.17753	127.0762	128.5159	9.175501	77.20617	13.61833	0	13.61833	19.9277	9
1734.635	1738.448	1377.448	131.1945	40.54835	131.4659	130.7343	7.384947	89.73449	2.880567	2.880567	0	-9999	9
1734.64	1738.451	1377.451	135.537	45.05992	136.0208	137.0474	0.535277	82.10722	17.3575	17.3575	0	-9999	9
1734.645	1738.455	1377.455	129.7195	58.52498	131.2771	132.3391	0	100	0	0	0	-9999	9
1734.65	1738.458	1377.458	127.9731	43.82063	128.6693	128.9997	6.264538	87.82915	5.906315	0	5.906315	-9999	9
1734.655	1738.462	1377.462	128.8699	57.92622	129.7903	130.1679	0.286673	99.20417	0.509158	0.509158	0	-9999	9
1734.66	1738.465	1377.465	131.5957	36.53808	131.9615	132.1267	6.335468	82.57864	11.08589	11.08589	0	-9999	9
1734.665	1738.468	1377.468	134.6756	41.4813	135.0178	134.9706	3.080389	90.39026	6.529348	6.529348	0	-9999	9
1734.67	1738.472	1377.472	133.2478	34.61649	133.4838	132.4571	6.298162	85.93297	7.768864	7.768864	0	-9999	9
1734.675	1738.475	1377.475	127.8551	49.5854	128.5867	129.6723	4.703669	88.67809	6.618245	3.169793	3.448452	-9999	9
1734.68	1738.478	1377.478	128.8817	103.2786	131.1119	134.2036	0	100	0	0	0	-9999	9
1734.685	1738.482	1377.482	120.6451	95.68966	122.3207	124.1144	0	82.71699	17.28301	17.28301	0	-9999	9
1734.69	1738.485	1377.485	107.8654	57.50848	107.8182	107.6412	27.21255	22.23638	50.55107	24.53865	26.01242	27.71519	9
1734.695	1738.488	1377.488	102.3783	45.36626	102.2957	101.7411	35.47347	14.82258	49.70395	28.20358	21.50037	28.76589	9
1734.7	1738.492	1377.492	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1735.02	1738.706	1377.706	89.33906	80.85999	89.03225	88.72545	40.6177	6.866054	52.51625	24.34636	28.16989	28.89041	9
1735.025	1738.709	1377.709	91.99411	50.6019	92.14752	91.2389	41.93088	8.252119	49.817	21.41191	28.40509	29.49145	9
1735.03	1738.713	1377.713	89.74027	42.37247	89.77567	89.84647	46.91046	5.845043	47.2445	34.15652	13.08798	29.93314	9
1735.035	1738.716	1377.716	93.48094	34.89498	93.69335	94.29516	43.90681	8.475345	47.61784	18.39447	29.22338	29.58084	9
1735.04	1738.719	1377.719	97.90604	43.61176	98.00044	98.29544	38.64079	11.83088	49.52833	17.26921	32.25913	28.99401	9
1735.045	1738.723	1377.723	100.5493	109.6699	100.2897	100.0065	22.96647	16.20733	60.8262	45.72231	15.10389	28.11076	9
1735.05	1738.726	1377.726	100.9977	85.16268	100.9269	100.9033	27.02146	16.27495	56.70359	37.72289	18.98071	28.12516	9
1735.055	1738.729	1377.729	108.125	127.3681	106.591	102.4609	21.59063	12.67742	65.73195	38.90817	26.82378	29.27433	9
1735.06	1738.733	1377.733	103.995	84.64748	104.3962	103.1335	20.73058	23.19442	56.075	40.13451	15.94049	27.93386	9
1735.065	1738.736	1377.736	105.0806	51.00571	104.8446	104.7148	32.81152	16.72535	50.46313	19.36694	31.0962	28.38237	9
1735.07	1738.739	1377.739	107.0984	58.83132	106.9804	108.1132	28.14679	20.64911	51.2041	36.43383	14.77027	27.63823	9
1735.075	1738.743	1377.743	106.1426	77.26745	106.886	107.7238	17.88861	28.84606	53.26533	43.41904	9.846288	27.15016	9
1735.08	1738.746	1377.746	105.3992	126.5047	105.529	105.9538	11.41263	25.4189	63.16848	57.22235	5.946127	27.95928	9
1735.085	1738.749	1377.749	103.2751	199.7619	101.9063	94.74357	7.2529	16.19561	76.55149	58.67941	17.87207	-9999	9
1735.09	1738.753	1377.753	101.3517	66.54553	101.5523	102.9683	29.09773	17.33371	53.56856	20.98192	32.58664	27.88434	9
1735.095	1738.756	1377.756	104.8092	84.28544	104.9036	105.4228	22.44687	21.53741	56.01572	30.6665	25.34923	27.67739	9
1735.1	1738.759	1377.759	106.237	114.5435	107.3344	111.7949	6.037394	34.9611	59.00151	55.66985	3.331659	-9999	9
1735.105	1738.763	1377.763	106.4848	84.10442	107.004	109.2107	17.65682	27.67342	54.66976	33.17049	21.49927	26.99431	9
1735.11	1738.766	1377.766	105.706	145.1776	105.7414	108.4319	7.343151	26.20498	66.45187	55.73681	10.71506	-9999	9
1735.115	1738.769	1377.769	106.5202	142.5598	108.3138	110.8627	0	44.41816	55.58184	55.58184	0	-9999	9
1735.12	1738.773	1377.773	108.9511	173.9458	110.6857	115.1698	0	51.38069	48.61931	48.61931	0	-9999	9
1735.125	1738.776	1377.776	106.2016	200.8202	104.939	101.4461	3.481389	18.87855	77.64006	77.64006	0	-9999	9
1735.13	1738.78	1377.78	99.41647	131.1973	97.81163	95.62859	29.22455	8.238383	62.53706	31.61515	30.92191	28.75038	9
1735.135	1738.783	1377.783	93.89395	75.33194	92.79653	92.46612	43.89226	5.067002	51.04074	17.0376	34.00314	29.53455	9
1735.14	1738.786	1377.786	93.89395	69.59501	92.85553	91.1917	44.82334	4.960539	50.21613	26.98395	23.23217	29.93982	9
1735.145	1738.79	1377.79	90.29488	60.05668	89.75207	87.99383	46.60178	4.953552	48.44467	23.07453	25.37013	30.0769	9
1735.15	1738.793	1377.793	89.00865	44.55863	88.44224	86.10579	51.71854	3.262838	45.01862	25.08105	19.93757	31.03744	9
1735.155	1738.796	1377.796	87.76963	71.78117	86.05859	83.96995	55.14142	0.60777	44.25081	15.06774	29.18307	31.14946	9
1735.16	1738.8	1377.8	87.61622	65.15307	85.69278	83.34454	58.53269	0	41.46731	17.82196	23.64536	31.10569	9
1735.165	1738.803	1377.803	84.86677	39.16982	84.28856	82.56572	56.92462	1.318259	41.75712	19.61343	22.14369	31.6669	9
1735.17	1738.806	1377.806	85.53938	40.28379	85.17357	83.82835	54.3901	2.307522	43.30238	17.47122	25.83116	31.17318	9
1735.175	1738.81	1377.81	87.59262	66.82402	85.62198	82.66012	58.51584	0	41.48416	8.299511	33.18465	31.12419	9
1735.18	1738.813	1377.813	94.31876	73.24325	93.18594	89.33906	44.28125	4.925694	50.79305	23.67598	27.11707	30.2742	9
1735.185	1738.816	1377.816	88.94965	39.47616	88.73725	88.13543	50.25922	4.25656	45.48422	24.87528	20.60894	30.54033	9
1735.19	1738.82	1377.82	90.47188	43.52821	90.61349	88.34784	45.13462	6.783605	48.08178	30.66209	17.41969	30.14215	9
1735.195	1738.823	1377.823	90.34208	34.88105	90.17688	89.25646	49.7244	4.834514	45.44109	29.40339	16.0377	30.61758	9
1735.2	1738.826	1377.826	90.69609	40.60405	90.94389	90.42468	44.81293	7.178553	48.00852	34.96491	13.0436	29.81018	9
1735.205	1738.83	1377.83	89.40986	52.52349	89.89367	89.87007	41.28272	8.172654	50.54463	31.6014	18.94322	29.18934	9
1735.21	1738.833	1377.833	90.56628	45.95109	90.77869	91.92331	43.91272	7.306806	48.78047	16.29678	32.48369	29.34339	9
1735.215	1738.836	1377.836	89.83467	71.09887	90.12968	91.4985	37.85988	8.908681	53.23144	20.08609	33.14534	28.46997	9
1735.22	1738.84	1377.84	87.23862	49.8082	86.84921	86.90821	50.7048	3.539973	45.75523	18.26745	27.48778	30.28556	9
1735.225	1738.843	1377.843	87.95843	36.76087	87.48642	87.15601	53.84019	2.657361	43.50245	23.05177	20.45068	31.06022	9
1735.23	1738.846	1377.846	81.33849	36.07857	80.26467	79.46226	64.75969	0	35.24031	10.3014	24.93891	31.18668	9
1735.235	1738.85	1377.85	83.73394	41.04964	82.49492	81.19689	62.63321	0	37.36679	11.65261	25.71419	31.46953	9
1735.24	1738.853	1377.853	87.72243	79.24474	85.82259	84.98477	54.84189	0.466645	44.69146	14.02416	30.6673	30.75998	9
1735.245	1738.857	1377.857	84.57176	84.00695	83.39174	82.78992	51.00949	2.432974	46.55754	33.26343	13.29411	29.80125	9

1735.25	1738.86	1377.86	86.2474	42.62312	85.77539	85.56298	53.99568	2.382676	43.62165	19.09744	24.52421	30.90103	9
1735.255	1738.863	1377.863	91.4631	60.55797	90.14148	88.98505	51.44153	2.218045	46.34043	31.01117	15.32926	30.7575	9
1735.26	1738.867	1377.867	87.17961	46.32705	86.3064	85.36238	55.35105	1.598733	43.05022	14.93227	28.11795	31.27338	9
1735.265	1738.87	1377.87	84.50096	45.51943	84.68976	84.45376	49.78019	4.010026	46.20979	25.61378	20.59601	30.14824	9
1735.27	1738.873	1377.873	87.61622	53.13617	85.99959	84.33576	59.06303	0	40.93697	9.012471	31.9245	31.55325	9
1735.275	1738.877	1377.877	88.85525	47.58026	88.44224	87.79323	49.93956	3.987815	46.07262	16.55182	29.52081	30.40597	9
1735.28	1738.88	1377.88	93.70515	43.79278	93.81135	93.41014	42.37034	8.702787	48.92687	29.04692	19.87995	29.52548	9
1735.285	1738.883	1377.883	99.78227	63.50997	99.78227	97.88243	32.83089	14.19729	52.97182	23.95811	29.01371	28.82156	9
1735.29	1738.887	1377.887	105.7178	74.51039	105.2576	104.8446	28.27474	17.00319	54.72207	29.44516	25.27691	28.21913	9
1735.295	1738.89	1377.89	107.771	77.10036	107.1574	106.1426	26.94786	17.83711	55.21503	35.79304	19.422	28.24466	9
1735.3	1738.893	1377.893	107.6884	87.02858	107.1338	105.3756	24.16396	18.99557	56.84047	26.37237	30.4681	28.26815	9
1735.305	1738.897	1377.897	106.3904	61.0871	106.355	106.3314	27.6121	20.71461	51.67329	27.31933	24.35396	27.84205	9
1735.31	1738.9	1377.9	97.85883	38.1394	97.09182	96.2186	46.68451	6.236855	47.07864	22.83342	24.24521	30.39735	9
1735.315	1738.903	1377.903	96.1832	38.89133	95.19198	93.33934	49.78171	4.142616	46.07567	27.4697	18.60597	31.04102	9
1735.32	1738.907	1377.907	100.6909	42.10791	100.7263	100.0537	36.89991	13.83495	49.26514	30.06085	19.20429	28.9514	9
1735.325	1738.91	1377.91	104.8092	54.27798	104.939	105.1986	29.43431	19.82034	50.74535	31.80287	18.94247	27.92944	9
1735.33	1738.913	1377.913	107.8064	70.73683	108.4909	109.1871	18.39555	30.53378	51.07066	36.4497	14.62096	26.93482	9
1735.335	1738.917	1377.917	113.1283	50.4905	113.7538	115.2642	18.85627	38.65827	42.48546	32.30403	10.18143	25.63433	9
1735.34	1738.92	1377.92	119.0521	42.67881	119.6067	120.3265	15.84558	51.75239	32.40202	20.75792	11.6441	23.87787	9
1735.345	1738.923	1377.923	122.8753	55.29448	123.4536	124.6808	9.092274	65.10348	25.80425	14.8597	10.94455	22.21781	9
1735.35	1738.927	1377.927	124.4684	59.43008	124.6454	124.7634	9.735233	61.66775	28.59702	19.5663	9.030723	22.60793	9
1735.355	1738.93	1377.93	126.1204	62.39601	125.967	125.6956	10.05826	59.20787	30.73387	23.74319	6.99068	22.75874	9
1735.36	1738.934	1377.934	128.1619	68.17471	129.1295	130.5809	0	98.23343	1.766572	1.766572	0	-9999	9
1735.365	1738.937	1377.937	133.8968	88.10077	135.8674	139.2895	0	100	0	0	0	-9999	9
1735.37	1738.94	1377.94	140.7763	90.42617	142.7116	144.3872	0	100	0	0	0	-9999	9
1735.375	1738.944	1377.944	142.6408	143.5345	144.9064	147.4081	0	100	0	0	0	-9999	9
1735.38	1738.947	1377.947	146.0628	88.95017	147.3255	148.3167	0	100	0	0	0	-9999	9
1735.385	1738.95	1377.95	141.6377	96.06562	142.3693	142.8768	0	100	0	0	0	-9999	9
1735.39	1738.954	1377.954	138.8529	76.62692	138.7113	139.8677	0	100	0	0	0	-9999	9
1735.395	1738.957	1377.957	131.6783	67.4924	131.5721	131.2417	3.345842	81.28966	15.3645	15.3645	0	-9999	9
1735.4	1738.96	1377.96	130.9703	86.84756	131.3125	132.4217	0	94.10479	5.895213	5.895213	0	-9999	9
1735.405	1738.964	1377.964	132.3391	64.97205	132.3037	132.8466	2.799107	86.38714	10.81376	10.81376	0	-9999	9
1735.41	1738.967	1377.967	130.5573	79.23082	129.9555	129.0705	5.377466	62.17726	32.44528	27.66321	4.78207	-9999	9
1735.415	1738.97	1377.97	128.3625	69.78996	128.2799	128.6811	5.657529	69.15995	25.18252	25.18252	0	-9999	9
1735.42	1738.974	1377.974	129.1413	112.3574	129.4245	130.3213	0	85.66281	14.33719	14.33719	0	-9999	9
1735.425	1738.977	1377.977	131.7845	206.2647	130.4629	127.9377	0	51.95448	48.04552	48.04552	0	-9999	9
1735.43	1738.98	1377.98	129.5897	118.0386	128.5749	127.501	0.077009	49.87094	50.05205	50.05205	0	-9999	9
1735.435	1738.984	1377.984	132.8112	65.94677	133.2596	131.8671	0	100	0	0	0	-9999	9
1735.44	1738.987	1377.987	139.4429	106.2166	139.8441	141.0241	0	100	0	0	0	-9999	9
1735.445	1738.99	1377.99	144.8238	112.5384	145.4256	144.5052	0	100	0	0	0	-9999	9
1735.45	1738.994	1377.994	142.8532	77.55987	142.9948	141.8265	0	100	0	0	0	-9999	9
1735.455	1738.997	1377.997	140.2689	97.41631	140.0211	140.1273	0	100	0	0	0	-9999	9
1735.46	1739	1378	135.3128	119.0272	135.6314	136.5164	0	100	0	0	0	-9999	9
1735.465	1739.004	1378.004	130.7815	105.2698	131.3007	129.4245	0	100	0	0	0	-9999	9
1735.47	1739.007	1378.007	129.5779	55.87931	129.4481	131.0175	8.271522	71.35686	20.37162	17.04431	3.327307	20.32889	9
1735.475	1739.011	1378.011	130.2033	67.75697	129.6723	129.4245	7.931113	62.38805	29.68084	28.33718	1.343661	-9999	9
1735.48	1739.014	1378.014	132.6814	74.41291	132.4571	132.3863	1.662818	82.02905	16.30814	16.30814	0	-9999	9
1735.485	1739.017	1378.017	130.3331	76.16741	129.1531	128.1147	10.80622	44.07993	45.11385	27.69309	17.42076	24.35854	9
1735.49	1739.021	1378.021	126.6632	87.71088	125.672	124.0672	9.925756	41.61089	48.46336	29.44228	19.02107	25.43342	9
1735.495	1739.024	1378.024	126.026	55.00206	125.8136	124.9994	12.3917	56.94887	30.65942	23.7913	6.868119	22.9373	9
1735.5	1739.027	1378.027	125.1764	64.61002	125.6248	125.6838	5.72692	70.99626	23.27682	12.98797	10.28885	-9999	9
1735.505	1739.031	1378.031	122.1673	67.64557	123.3828	124.3858	1.81628	77.27806	20.90566	20.90566	0	-9999	9
1735.51	1739.034	1378.034	121.7897	104.1001	123.7486	126.7576	0	94.52826	5.471738	5.471738	0	-9999	9
1735.515	1739.037	1378.037	124.3032	98.27963	125.2354	130.5337	0	81.58042	18.41958	18.41958	0	-9999	9
1735.52	1739.041	1378.041	122.2617	105.966	123.8194	130.0499	0	87.85148	12.14852	12.14852	0	-9999	9
1735.525	1739.044	1378.044	120.3973	158.7123	119.0875	117.9074	0.977274	28.97045	70.05227	70.05227	0	-9999	9
1735.53	1739.047	1378.047	116.22	69.66464	116.279	114.096	15.76149	38.35037	45.88814	34.15494	11.7332	26.33674	9
1735.535	1739.051	1378.051	116.8454	64.16443	116.6094	118.4267	18.80345	34.65698	46.53956	35.44069	11.09887	25.82063	9
1735.54	1739.054	1378.054	116.161	90.48187	115.3114	114.6742	17.81979	26.01678	56.16343	28.3347	27.82873	27.3977	9
1735.545	1739.057	1378.057	112.7861	64.52647	112.6563	113.801	21.62732	28.99985	49.37283	29.05397	20.31886	26.68823	9
1735.55	1739.061	1378.061	111.2875	74.02303	112.1135	113.7774	13.30029	38.93527	47.76444	39.99556	7.76888	26.06218	9
1735.555	1739.064	1378.064	109.5293	117.8297	109.9187	106.414	7.70036	33.42522	58.87442	55.67097	3.203455	-9999	9
1735.56	1739.067	1378.067	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1735.655	1739.131	1378.131	119.0875	96.33019	118.7925	119.3235	9.413917	40.34461	50.24147	40.95427	9.2872	25.98795	9
1735.66	1739.134	1378.134	107.9952	61.68586	107.535	107.8772	29.28302	18.54655	52.17043	24.45109	27.71934	27.98383	9
1735.665	1739.138	1378.138	104.762	59.5554	103.8888	105.0334	35.97401	11.60875	52.41723	31.26102	21.15621	28.71142	9
1735.67	1739.141	1378.141	105.647	61.75548	104.5142	103.6174	36.63932	10.23185	53.12883	22.21984	30.909	29.26182	9
1735.675	1739.144	1378.144	105.2812	38.12548	104.7266	102.9801	38.21318	13.29945	48.48737	24.25446	24.23291	29.34054	9
1735.68	1739.148	1378.148	98.48425	52.71843	98.62585	98.72025	35.53921	13.24076	51.22003	36.10228	15.11775	28.68763	9
1735.685	1739.151	1378.151	100.1953	43.89025	100.4195	100.1245	35.46131	14.79764	49.74105	29.56185	20.1792	28.71177	9
1735.69	1739.154	1378.154	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1736.02	1739.369	1378.369	109.2225	191.8806	107.9126	108.5027	3.231381	19.96928	76.79934	73.20672	3.592618	-9999	9
1736.025	1739.374	1378.374	115.3586	330.1655	111.2285	108.6797	0	0	100	100	0	-9999	9

1736.03	1739.379	1378.379	112.3967	124.7085	112.3495	114.096	6.781363	33.47391	59.74473	56.85258	2.892144	-9999	9
1736.035	1739.383	1378.383	111.6179	90.35655	112.8215	113.2228	6.117139	45.57419	48.30867	45.91636	2.392316	-9999	9
1736.04	1739.388	1378.388	112.1489	34.47724	112.2433	112.3849	27.74788	28.74914	43.50298	21.78295	21.72003	26.88019	9
1736.045	1739.393	1378.393	111.9247	25.28702	111.6769	112.0191	32.83028	23.52952	43.6402	19.12499	24.51521	27.57086	9
1736.05	1739.398	1378.398	115.9132	57.77305	115.4412	115.512	23.03685	28.98012	47.98304	36.29796	11.68507	26.71926	9
1736.055	1739.402	1378.402	114.7214	67.06074	115.0518	116.0194	15.66698	39.06559	45.26743	18.12688	27.14055	25.77082	9
1736.06	1739.407	1378.407	104.3136	86.80578	105.9302	109.1753	10.49561	34.55506	54.94933	44.28772	10.66162	26.85887	7
1736.065	1739.412	1378.412	99.65247	48.59676	98.87366	95.68759	42.59514	7.960964	49.4439	24.61771	24.82619	30.2369	7
1736.07	1739.417	1378.417	100.1953	40.8547	99.52267	99.10966	43.14626	8.491781	48.36196	16.75664	31.60532	29.8106	7
1736.075	1739.421	1378.421	99.98288	29.39477	99.62887	98.10664	43.64577	9.686766	46.66746	24.91387	21.75359	30.04885	7
1736.08	1739.426	1378.426	102.2839	52.1336	101.0095	98.02404	43.15926	6.387542	50.4532	34.04698	16.40622	30.44999	7
1736.085	1739.431	1378.431	101.4933	30.36949	101.3045	97.39863	40.73997	12.18067	47.07936	25.58453	21.49483	30.03446	7
1736.09	1739.436	1378.436	101.5405	42.03828	100.4667	96.72601	44.73159	6.701352	48.56706	22.23415	26.33291	30.76771	7
1736.095	1739.44	1378.44	101.3399	40.96609	100.9741	98.68485	39.6885	11.48583	48.82567	30.91018	17.91549	29.63948	7
1736.1	1739.445	1378.445	101.5759	46.57769	101.1393	99.72327	38.66208	11.5516	49.78632	33.74645	16.03987	29.36595	7
1736.105	1739.45	1378.45	103.9006	55.90716	104.29	106.9686	27.86404	21.03481	51.10115	37.79317	13.30797	27.35954	7
1736.11	1739.455	1378.455	102.1659	47.46887	102.6025	105.1986	31.13617	18.73241	50.13143	25.87773	24.2537	27.67491	7
1736.115	1739.459	1378.459	104.1248	53.92987	104.4552	105.3992	28.59354	20.68316	50.7233	28.2611	22.4622	27.72024	7
1736.12	1739.464	1378.464	108.1722	68.35573	109.3405	110.1075	14.88571	36.1907	48.92359	34.3407	14.58288	26.57085	7
1736.125	1739.469	1378.469	107.6294	57.95407	107.6884	106.0954	26.49878	23.01708	50.48415	28.19493	22.28922	27.8941	7
1736.13	1739.474	1378.474	103.6292	58.12117	103.7354	103.2043	29.77279	18.50182	51.72539	36.45883	15.26656	28.18515	7
1736.135	1739.478	1378.478	102.3901	67.68735	103.4521	102.6025	21.19008	25.34713	53.4628	30.94129	22.52151	27.74934	7
1736.14	1739.483	1378.483	104.5496	100.5354	103.9478	99.45187	24.14887	16.44732	59.40381	41.01779	18.38602	28.93533	7
1736.145	1739.488	1378.488	106.709	111.0902	105.9774	96.97382	20.61388	17.97732	61.4088	48.13966	13.26914	29.73211	7
1736.15	1739.493	1378.493	102.9211	60.94785	103.8534	102.8857	23.33847	24.59091	52.07061	27.83212	24.23849	27.77497	7
1736.155	1739.498	1378.498	97.85883	62.82767	97.39863	92.23012	38.3322	9.724416	51.94338	19.78458	32.1588	29.9707	5
1736.16	1739.502	1378.502	95.53419	51.89688	94.56657	91.1917	47.04856	4.839052	48.11239	22.98433	25.12806	30.7655	5
1736.165	1739.507	1378.507	97.04462	31.24674	96.92662	93.64615	44.07176	9.036903	46.89134	30.72331	16.16802	30.38634	5
1736.17	1739.512	1378.512	98.15384	30.57836	98.43705	97.88243	40.10366	12.34555	47.5508	27.66438	19.88641	29.3149	5
1736.175	1739.517	1378.517	96.313	47.52457	97.02102	99.35747	34.40398	14.34896	51.24706	26.3089	24.93815	28.16966	5
1736.18	1739.521	1378.521	100.7499	57.67558	100.7263	101.2455	33.53551	14.52447	51.94001	21.54314	30.39687	28.41472	5
1736.185	1739.526	1378.526	101.4933	52.88553	101.1393	101.5759	36.57141	12.50421	50.92438	35.06902	15.85536	28.77205	5
1736.19	1739.531	1378.531	98.29544	46.06249	97.74083	97.23342	42.71931	8.314604	48.96609	30.14182	18.82426	29.70344	5
1736.195	1739.536	1378.536	96.58441	45.74222	96.59621	95.82919	39.98128	10.41922	49.59951	22.98855	26.61096	29.33487	5
1736.2	1739.54	1378.54	99.61707	66.14172	99.35747	97.35142	34.35794	12.50387	53.13819	23.3635	29.77468	28.9965	5
1736.205	1739.545	1378.545	90.64889	65.36194	89.87007	87.81683	46.82126	4.496043	48.6827	24.7711	23.9116	30.12045	5
1736.21	1739.55	1378.55	89.78747	33.21011	89.31546	88.92605	53.01676	3.200651	43.78259	27.88585	15.89674	31.05087	5
1736.215	1739.555	1378.555	91.2507	17.53104	91.02649	91.2861	53.54443	3.893489	42.56208	26.92663	15.63545	31.23564	5
1736.22	1739.559	1378.559	92.70213	21.42992	93.00893	93.57535	47.15025	7.479486	45.37026	21.76872	23.60155	30.10703	5
1736.225	1739.564	1378.564	92.76113	41.85726	92.82013	93.49274	44.07304	7.713531	48.21343	15.29545	32.91797	29.52786	5
1736.23	1739.569	1378.569	97.57563	52.16145	96.3248	95.19198	47.30125	4.243376	48.45537	30.84252	17.61286	30.51762	5
1736.235	1739.574	1378.574	99.08606	32.75059	98.34264	96.99742	46.67665	6.759042	46.56431	22.64404	23.92026	30.52699	5
1736.24	1739.578	1378.578	96.3838	31.44168	96.2304	94.74357	44.90689	8.364992	46.72812	16.63068	30.09744	30.16994	5
1736.245	1739.583	1378.583	94.73177	39.58756	94.56657	95.49879	44.54691	7.724368	47.72872	20.52776	27.20096	29.60607	5
1736.25	1739.588	1378.588	101.5877	59.04019	100.4785	98.69665	40.84806	7.629799	51.52214	33.9924	17.52975	29.84017	5
1736.255	1739.593	1378.593	98.62585	49.98921	97.44583	95.77019	46.31202	4.990753	48.69723	19.96441	28.73282	30.51624	5
1736.26	1739.597	1378.597	101.0449	40.31164	99.88848	99.22766	46.24556	5.733701	48.02074	33.78375	14.23699	30.44271	5
1736.265	1739.602	1378.602	102.0361	37.80521	101.9063	100.6791	37.98388	13.62287	48.39325	17.0704	31.32286	29.16975	5
1736.27	1739.607	1378.607	100.9387	53.80455	100.5965	98.93266	36.7678	12.18588	51.04631	33.28966	17.75666	29.18096	5
1736.275	1739.612	1378.612	100.9387	54.5147	100.8679	101.2337	34.49255	14.15163	51.35581	22.58905	28.76676	28.53097	5
1736.28	1739.616	1378.616	101.8591	73.61921	102.4373	103.2987	23.99262	21.22517	54.78221	36.12915	18.65306	27.66557	6
1736.285	1739.621	1378.621	97.97684	78.13078	99.02706	98.62585	22.81445	20.27696	56.90859	26.7389	30.16969	28.02836	6
1736.29	1739.626	1378.626	97.39863	50.56012	97.09182	97.42223	40.53546	9.489765	49.97477	19.8413	30.13347	29.21517	6
1736.295	1739.631	1378.631	97.02102	88.51851	97.37502	99.25126	26.57563	15.67204	57.75233	38.49514	19.25719	27.75345	6
1736.3	1739.636	1378.636	92.59593	63.74669	92.11212	88.99685	43.13458	6.558326	50.3071	18.86251	31.44459	29.95629	6
1736.305	1739.64	1378.64	93.25674	64.45685	93.52815	92.17112	36.50185	10.60375	52.8944	37.4662	15.42821	28.9763	6
1736.31	1739.645	1378.645	93.42194	56.67301	93.81135	92.87913	37.31903	10.78474	51.89623	18.66286	33.23337	29.01021	6
1736.315	1739.65	1378.65	97.38682	41.04964	97.33962	97.54023	40.83592	10.37771	48.78638	29.03073	19.75565	29.2794	6
1736.32	1739.655	1378.655	94.55477	51.25635	94.50757	94.20076	40.97139	9.006022	50.02259	33.23094	16.79165	29.31608	6
1736.325	1739.659	1378.659	95.72299	124.4996	94.50757	92.90273	31.22549	8.537597	60.23691	36.52894	23.70797	28.4843	6
1736.33	1739.664	1378.664	93.59895	41.66232	93.25674	91.72271	46.45879	6.281174	47.26003	33.15408	14.10596	30.29357	6
1736.335	1739.669	1378.669	90.57808	40.33949	91.1209	91.4159	42.69922	8.367231	48.93355	32.27865	16.6549	29.40064	6
1736.34	1739.674	1378.674	86.94361	45.18524	86.3536	84.83137	53.64965	2.413994	43.93636	15.47278	28.46358	31.0803	6
1736.345	1739.678	1378.678	93.50454	36.78872	93.64615	92.23012	43.97553	8.268183	47.75629	25.75053	22.00576	29.94464	6
1736.35	1739.683	1378.683	91.5339	67.07467	92.65493	90.93209	30.86881	13.5289	55.60229	29.28552	26.31677	28.68378	6
1736.355	1739.688	1378.688	93.38654	30.23025	93.74055	94.03556	44.0251	8.796893	47.178	23.42655	23.75146	29.6674	6
1736.36	1739.693	1378.693	91.4749	39.82428	91.78171	92.85553	43.82787	7.885911	48.28622	21.92298	26.36324	29.40827	6
1736.365	1739.697	1378.697	86.81381	44.36369	86.70761	85.45678	50.21835	3.98614	45.79551	19.72773	26.06778	30.49904	6
1736.37	1739.702	1378.702	88.39504	44.28014	88.73725	87.81683	45.30866	6.440265	48.25107	27.62712	20.62395	29.84463	6
1736.375	1739.707	1378.707	85.85799	82.71196	86.4952	82.47132	36.05596	8.685601	55.25844	32.9007	22.35774	29.12071	6
1736.38	1739.712	1378.712	91.5221	62.40993	93.20954	95.16838	27.61884	15.91313	56.46803	37.99125	18.47678	27.93824	6
1736.385	1739.716	1378.716	89.82287	124.6806	92.39532	96.63161	7.25374	22.54384	70.20242	60.37652	9.825904	-9999	6
1736.39	1739.721	1378.721	90.89669	83.1854	92.59593	91.2035	23.07511	16.76446	60.16044	38.23211	21.92833	28.43623	6

1736.395	1739.726	1378.726	93.74055	72.60272	95.49879	92.97353	22.56251	19.29659	58.1409	29.08032	29.06058	28.5979	6
1736.4	1739.731	1378.731	90.47188	87.1539	93.41014	93.41014	12.90311	22.51676	64.58013	53.47079	11.10934	28.66129	6
1736.405	1739.735	1378.735	91.67551	42.42817	92.85553	94.95597	36.24573	12.26684	51.48743	34.82185	16.66558	28.44325	6
1736.41	1739.74	1378.74	89.22106	37.66597	89.98807	90.38928	42.85709	8.212335	48.93057	34.06501	14.86557	29.40496	6
1736.415	1739.745	1378.745	92.17112	18.90957	92.78473	93.50454	45.87096	8.387604	45.74144	29.04036	16.70108	29.89859	6
1736.42	1739.75	1378.75	90.49548	21.09573	90.71969	90.21228	49.9014	5.636466	44.46213	20.98282	23.47931	30.69129	6
1736.425	1739.754	1378.754	86.4362	33.23795	86.80201	87.53362	49.6001	4.709576	45.69032	16.78317	28.90715	30.17371	6
1736.43	1739.759	1378.759	89.55146	36.6634	89.59866	86.4244	48.3743	5.404242	46.22145	20.55552	25.66594	30.77803	6
1736.435	1739.764	1378.764	87.55722	59.40223	87.66342	84.00535	44.24895	6.118466	49.63258	21.70317	27.92941	30.02986	6
1736.44	1739.769	1378.769	94.20076	58.81739	96.3484	95.59319	22.45725	21.07605	56.4667	27.46959	28.99712	28.27395	9
1736.445	1739.774	1378.774	92.74933	76.87756	94.77897	90.24768	20.33652	19.91669	59.74679	38.93744	20.80935	29.02843	9
1736.45	1739.778	1378.778	93.72875	48.48536	94.93237	97.36322	32.708	14.68197	52.61003	29.34799	23.26204	28.06839	9
1736.455	1739.783	1378.783	98.09484	51.43737	99.97108	101.5877	22.76406	24.11566	53.12028	35.78751	17.33277	27.5471	9
1736.46	1739.788	1378.788	94.61377	53.31719	96.49001	99.64067	25.51173	19.66678	54.82149	28.20025	26.62124	27.57456	9
1736.465	1739.793	1378.793	96.2658	43.9738	97.28062	94.18896	32.92894	15.87456	51.1965	22.6267	28.5698	29.04724	9
1736.47	1739.797	1378.797	98.56685	41.92689	98.15384	97.02102	42.37301	9.092333	48.53466	29.43452	19.10014	29.76863	9
1736.475	1739.802	1378.802	97.18622	30.74546	97.92964	97.52843	37.38681	14.28785	48.32534	34.55162	13.77372	28.95441	9
1736.48	1739.807	1378.807	91.03829	49.98921	90.25948	92.33632	50.1832	3.617327	46.19947	19.05148	27.14799	30.01847	9
1736.485	1739.812	1378.812	89.95267	51.08926	89.52786	84.71336	48.17221	4.672053	47.15574	26.17597	20.97977	30.92172	9
1736.49	1739.816	1378.816	95.66399	31.21889	95.49879	94.89697	45.71448	7.78226	46.50326	22.09956	24.4037	30.11394	9
1736.495	1739.821	1378.821	94.76717	36.59378	95.26278	96.74961	40.11753	11.03956	48.84291	32.80692	16.03598	28.93777	9
1736.5	1739.826	1378.826	95.09758	45.77007	94.61377	90.30668	45.1834	6.711357	48.10524	32.15058	15.95466	30.65124	9
1736.505	1739.831	1378.831	95.14478	29.00488	95.19198	92.61953	45.08181	8.414094	46.50409	17.86777	28.63632	30.37617	9
1736.51	1739.835	1378.835	95.46339	31.46953	95.49879	94.68457	44.2837	8.748391	46.96791	32.77109	14.19682	29.93141	9
1736.515	1739.84	1378.84	93.13874	35.68868	93.71695	93.24494	41.19456	10.09297	48.71248	19.30873	29.40374	29.42405	9
1736.52	1739.845	1378.845	92.48972	57.31354	91.95871	91.2861	45.15491	5.85443	48.99066	34.02428	14.96638	29.80141	9
1736.525	1739.85	1378.85	92.18292	44.7675	91.82891	91.4867	47.10154	5.653393	47.24507	16.89172	30.35335	30.09234	1
1736.53	1739.854	1378.854	89.77567	43.1801	90.24768	89.98807	43.29873	7.725681	48.97559	32.96148	16.01411	29.53061	1
1736.535	1739.859	1378.859	97.05642	17.19685	97.09182	96.63161	46.2721	8.997474	44.73042	14.33682	30.39361	30.22501	1
1736.54	1739.864	1378.864	100.5021	14.37016	100.3723	100.9033	45.06647	10.63292	44.30061	17.24408	27.05654	29.85607	1
1736.545	1739.869	1378.869	102.9329	16.11073	103.0155	103.0863	40.76274	14.70662	44.53065	30.77412	13.75652	29.17224	1
1736.55	1739.873	1378.873	104.2782	23.97811	105.1396	106.4258	31.5854	23.46997	44.94463	27.25887	17.68576	27.57276	1
1736.555	1739.878	1378.878	102.4137	41.50915	102.1777	102.2249	37.56319	13.42754	49.00927	35.19819	13.81108	28.90299	1
1736.56	1739.883	1378.883	105.6706	33.19618	105.1868	102.0479	38.4991	13.9589	47.54199	15.8399	31.70209	29.57478	1
1736.565	1739.888	1378.888	105.352	25.1617	105.2104	105.3166	38.08446	16.10415	45.81139	23.91318	21.89821	28.77793	1
1736.57	1739.892	1378.892	103.1689	49.19551	101.6703	100.9269	44.79365	5.01127	50.19508	27.46382	22.73126	30.37568	1
1736.575	1739.897	1378.897	105.7178	91.02493	102.4609	101.2337	45.95231	0	54.04769	22.13003	31.91765	24.43408	1
1736.58	1739.902	1378.902	103.5466	80.77644	101.6231	101.2691	40.09593	4.155601	55.74847	36.76185	18.98661	29.74946	1
1736.585	1739.907	1378.907	103.1689	50.83861	102.1069	101.9299	41.0123	8.391046	50.59666	18.4946	32.10206	29.59652	1
1736.59	1739.912	1378.912	111.6061	106.6483	108.9393	108.007	32.18161	1.161301	66.65709	43.79916	22.85793	30.00853	1
1736.595	1739.916	1378.916	111.2049	107.8319	108.8095	108.6443	30.1609	4.054912	65.78419	36.41424	29.36995	29.48853	1
1736.6	1739.921	1378.921	109.0101	147.3081	105.4464	100.9151	31.68066	0	68.31934	40.81998	27.49936	24.61019	1
1736.605	1739.926	1378.926	111.9837	253.6361	105.1278	101.3045	28.72858	0	71.27142	41.47324	29.79818	-9999	1
1736.61	1739.931	1378.931	104.8564	83.44996	102.5789	100.0065	40.98745	2.021878	56.99067	19.39562	37.59504	30.4768	1
1736.615	1739.935	1378.935	102.9093	31.83157	103.6882	104.5732	31.58434	21.34731	47.06835	23.96003	23.10832	27.83774	1
1736.62	1739.94	1378.94	102.3547	43.73708	103.4757	105.5644	26.56135	24.1571	49.28155	35.02883	14.25273	27.27985	1
1736.625	1739.945	1378.945	101.5405	30.91255	102.1659	104.1956	34.25494	18.31702	47.42803	24.84102	22.58701	28.00643	1
1736.63	1739.95	1378.95	99.47547	48.97272	99.45187	99.75867	36.81407	12.78685	50.39907	32.16566	18.23341	28.77992	1
1736.635	1739.954	1378.954	86.83741	100.8278	84.83137	82.12911	51.25607	1.44878	47.29515	29.94633	17.34882	30.13944	1
1736.64	1739.959	1378.959	93.83495	50.96393	93.71695	91.1327	42.25309	8.154507	49.5924	24.36495	25.22745	29.87123	1
1736.645	1739.964	1378.964	96.86761	41.96866	96.077	95.77019	46.85265	5.799204	47.34814	24.91907	22.42907	30.26171	1
1736.65	1739.969	1378.969	99.51087	33.79494	99.23946	99.56987	42.37502	10.15811	47.46687	27.81765	19.64923	29.50031	1
1736.655	1739.973	1378.973	101.1393	28.36435	101.1629	98.54325	39.90476	13.25267	46.84256	32.55382	14.28874	29.64465	1
1736.66	1739.978	1378.978	101.2101	33.61392	101.9299	102.3429	33.17357	18.80892	48.01751	23.98451	24.033	28.21056	1
1736.665	1739.983	1378.983	99.59347	32.08221	100.0537	99.75867	37.04349	15.01519	47.94132	20.51791	27.42341	28.84842	1
1736.67	1739.988	1378.988	99.59347	35.41019	100.1363	99.28666	35.59796	15.8052	48.59684	31.92597	16.67087	28.78927	1
1736.675	1739.992	1378.992	100.5021	48.17902	99.93568	97.39863	40.26845	9.917715	49.81384	19.79401	30.01983	29.78642	1
1736.68	1739.997	1378.997	100.5847	28.43398	100.2661	100.5611	43.05026	10.34576	46.60397	25.60275	21.00122	29.61449	1
1736.685	1740.002	1379.002	95.47519	38.97488	94.74357	92.97353	48.40093	5.168181	46.43089	32.05411	14.37678	30.73515	1
1736.69	1740.007	1379.007	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1737.015	1740.316	1379.316	138.2393	103.6963	138.3337	138.8529	0	100	0	0	0	-9999	9
1737.02	1740.321	1379.321	134.8172	166.8442	132.7758	126.7104	0	31.12294	68.87706	68.87706	0	-9999	9
1737.025	1740.325	1379.325	130.6989	113.8195	128.8817	121.5537	6.296285	28.7955	64.90821	62.0534	2.85481	-9999	9
1737.03	1740.33	1379.33	121.7661	88.26786	119.9371	117.046	20.78938	16.36576	62.84486	32.96013	29.88473	28.64951	9
1737.035	1740.335	1379.335	126.793	140.1926	125.8254	124.4684	0	46.02232	53.97768	53.97768	0	-9999	9
1737.04	1740.34	1379.34	120.9165	113.1789	121.2233	120.0197	0	57.15932	42.84068	42.84068	0	-9999	9
1737.045	1740.345	1379.345	117.3764	125.2376	118.0136	119.4061	0	54.13655	45.86345	45.86345	0	-9999	9
1737.05	1740.349	1379.349	111.5471	73.1597	110.8627	108.9865	24.97621	21.02698	53.9968	25.15032	28.84648	28.05988	9
1737.055	1740.354	1379.354	111.0751	50.22593	110.5559	109.9305	29.68011	20.817	49.50289	32.12243	17.38046	27.91788	9
1737.06	1740.359	1379.359	114.863	86.76401	114.037	115.3704	19.7308	24.33616	55.93304	37.65742	18.27563	27.16285	9
1737.065	1740.364	1379.364	121.2115	103.8077	121.1643	122.2971	3.729754	50.37139	45.89885	45.89885	0	-9999	9
1737.07	1740.368	1379.368	128.3035	68.14686	128.2563	126.6632	5.835085	69.8253	24.33962	23.65363	0.685987	-9999	9
1737.075	1740.373	1379.373	131.8907	119.1943	132.3627	129.7195	0	100	0	0	0	-9999	9

1737.08	1740.378	1379.378	119.9489	73.17363	119.4651	119.1937	15.68853	37.2031	47.10837	24.5214	22.58697	25.86279	9
1737.085	1740.383	1379.383	115.5592	124.8199	113.388	113.5886	20.30628	9.329628	70.3641	47.54494	22.81916	29.04233	9
1737.09	1740.387	1379.387	113.9544	129.6795	112.2905	112.1371	16.67425	15.28112	68.04463	45.12506	22.91956	28.61374	9
1737.095	1740.392	1379.392	112.0073	76.11171	110.5795	110.3081	29.5999	13.03019	57.3699	41.23995	16.12996	28.63623	9
1737.1	1740.397	1379.397	107.3816	37.30393	107.2872	107.3934	32.91296	19.77925	47.30778	32.91225	14.39553	28.07182	9
1737.105	1740.402	1379.402	109.1399	71.21026	108.066	106.0364	30.68056	14.15434	55.1651	25.06729	30.09781	28.853	9
1737.11	1740.406	1379.406	103.995	63.09224	103.3577	103.2751	33.99472	13.15139	52.8539	31.052	21.8019	28.66182	9
1737.115	1740.411	1379.411	100.9859	63.5796	99.91208	98.60225	40.02883	7.830921	52.14025	33.36678	18.77347	29.61018	9
1737.12	1740.416	1379.416	105.0098	48.48536	104.349	100.3133	36.77885	12.84475	50.3764	35.79862	14.57778	29.64808	9
1737.125	1740.421	1379.421	103.4639	59.04019	102.6025	97.64643	37.20143	10.68591	52.11267	26.80329	25.30937	29.95392	9
1737.13	1740.425	1379.425	104.939	79.24474	103.9596	99.08606	31.86942	12.19215	55.93843	24.59956	31.33887	29.49715	9
1737.135	1740.43	1379.43	109.0219	81.29165	109.6591	106.8506	15.0889	32.83965	52.07145	35.65076	16.42069	27.48662	9
1737.14	1740.435	1379.435	111.4999	86.09563	111.8067	111.9483	14.20719	33.73161	52.0612	42.33388	9.727319	26.80152	9
1737.145	1740.44	1379.44	110.2019	85.60827	109.2815	105.116	25.03031	17.72805	57.24164	26.79692	30.44473	28.8162	9
1737.15	1740.444	1379.444	110.6621	89.20081	110.2019	109.1635	20.1709	23.59652	56.23258	34.69036	21.54223	27.7513	9
1737.155	1740.449	1379.449	107.9362	79.37006	107.417	107.5468	25.51499	19.09106	55.39395	30.99224	24.40171	27.89799	9
1737.16	1740.454	1379.454	108.8685	68.59244	108.6679	109.1281	24.79633	22.72185	52.48182	35.05206	17.42976	27.50165	9
1737.165	1740.459	1379.459	112.5265	91.95788	111.8067	110.7093	19.80035	23.0693	57.13036	44.90082	12.22954	27.7994	9
1737.17	1740.463	1379.463	112.5265	124.1933	112.2433	108.8449	8.615663	30.67152	60.71282	42.22967	18.48315	28.2888	9
1737.175	1740.468	1379.468	108.8685	114.7942	107.4996	106.0482	22.66924	13.91682	63.41394	45.42225	17.99168	28.6636	9
1737.18	1740.473	1379.473	104.88	111.3966	104.8918	105.5408	16.461	22.73188	60.80712	43.3291	17.47802	27.74757	9
1737.185	1740.478	1379.478	99.80587	93.40603	100.6673	100.7971	18.89835	22.17482	58.92683	41.60746	17.31937	27.85811	9
1737.19	1740.483	1379.483	101.0921	87.7805	101.3045	100.7263	24.10625	18.58407	57.30968	26.83367	30.47601	28.06359	9
1737.195	1740.487	1379.487	102.2603	91.41482	101.7293	100.7263	27.91345	14.44649	57.64006	26.98044	30.65963	28.41554	9
1737.2	1740.492	1379.492	98.95626	98.01507	99.13326	99.26306	23.86882	16.95128	59.1799	32.67194	26.50797	27.98932	9
1737.205	1740.497	1379.497	98.86186	110.4636	100.0773	101.6231	12.89535	24.6253	62.47935	55.04674	7.432616	27.82254	9
1737.21	1740.502	1379.502	101.1039	59.45792	101.9653	105.7768	25.91961	21.48389	52.5965	28.57344	24.02306	27.13893	9
1737.215	1740.506	1379.506	100.8089	37.97231	101.0449	103.7118	36.23748	15.10083	48.66169	22.67946	25.98223	28.20769	9
1737.22	1740.511	1379.511	100.9741	38.33435	101.0095	101.2809	37.55256	13.85109	48.59635	22.05181	26.54454	28.827	9
1737.225	1740.516	1379.516	99.67607	51.14495	100.6437	102.0361	28.42188	19.91293	51.66519	28.28156	23.38363	27.76707	9
1737.23	1740.521	1379.521	98.07124	57.27177	98.70845	101.1393	30.97629	16.31286	52.71085	35.44657	17.26428	27.8412	9
1737.235	1740.525	1379.525	99.35747	51.18673	100.0773	101.9063	30.62538	17.82401	51.55061	27.9913	23.55931	27.87066	9
1737.24	1740.53	1379.53	98.41345	43.69531	98.67305	100.2071	36.87342	13.31925	49.80733	24.61122	25.19611	28.53814	9
1737.245	1740.535	1379.535	96.63161	22.36286	96.63161	97.23342	45.68711	8.809392	45.5035	20.5834	24.9201	29.91645	9
1737.25	1740.54	1379.54	97.43403	24.70219	97.42223	97.35142	44.47422	9.522937	46.00285	20.19033	25.81251	29.85491	9
1737.255	1740.544	1379.544	97.72903	47.42709	98.51965	98.89726	32.48466	16.2682	51.24714	19.13316	32.11398	28.3278	9
1737.26	1740.549	1379.549	95.74659	49.34868	96.77321	97.97684	32.01444	15.76999	52.21556	34.17875	18.03681	28.19077	9
1737.265	1740.554	1379.554	95.89999	69.40007	96.91482	99.85308	27.11233	17.21192	55.67575	28.11	27.56575	27.58896	9
1737.27	1740.559	1379.559	97.85883	66.58731	98.93266	95.77019	25.53362	19.51478	54.95159	26.92274	28.02886	28.58713	9
1737.275	1740.563	1379.563	97.32782	74.66356	96.70241	91.86431	37.23677	9.211773	53.55146	35.93298	17.61847	29.75478	9
1737.28	1740.568	1379.568	100.8915	56.14388	100.6083	97.20982	35.78785	12.71849	51.49366	31.39706	20.0966	29.38154	9
1737.285	1740.573	1379.573	98.73205	40.53443	98.38985	97.45763	42.00928	9.560855	48.42986	35.40111	13.02875	29.67224	9
1737.29	1740.578	1379.578	99.48727	33.3772	99.82947	100.4313	37.74233	14.1928	48.06488	34.65952	13.40536	28.77508	9
1737.295	1740.582	1379.582	99.67607	31.77587	99.95928	100.4077	38.41341	13.87213	47.71446	32.7279	14.98656	28.88368	9
1737.3	1740.587	1379.587	99.99468	26.15035	99.95928	97.97684	41.95087	11.62586	46.42327	29.80687	16.61641	29.83044	9
1737.305	1740.592	1379.592	100.7145	32.90376	100.9623	101.8119	37.45947	14.74632	47.79422	27.33094	20.46328	28.67379	9
1737.31	1740.597	1379.597	102.5317	48.01193	102.9683	104.2428	30.6682	19.20336	50.12843	20.18919	29.93924	27.85267	9
1737.315	1740.601	1379.601	101.6585	44.80927	101.6939	101.6703	35.35597	14.95877	49.68526	20.48831	29.19695	28.63135	9
1737.32	1740.606	1379.606	99.15686	35.9811	99.47547	100.7971	37.59906	13.88515	48.51579	26.68435	21.83144	28.63734	9
1737.325	1740.611	1379.611	98.77925	38.33435	99.13326	100.2661	37.10262	13.91082	48.98656	33.32971	15.65686	28.62206	9
1737.33	1740.616	1379.616	97.10362	24.368	97.00922	96.99742	45.49923	8.755049	45.74572	14.28542	31.4603	30.00449	9
1737.335	1740.621	1379.621	93.82315	21.8198	93.76415	93.32754	48.85957	6.473609	44.66682	31.5595	13.10732	30.57702	9
1737.34	1740.625	1379.625	90.38928	26.9162	90.43648	90.61349	49.96233	5.213875	44.82379	31.25822	13.56557	30.51183	9
1737.345	1740.63	1379.63	89.63407	63.00869	89.62227	89.71667	42.38001	6.988209	50.63178	21.583	29.04878	29.16389	9
1737.35	1740.635	1379.635	94.43676	81.70939	92.99713	91.4749	44.50163	4.06044	51.43793	21.70391	29.73401	29.81622	9
1737.355	1740.64	1379.64	97.06822	105.4926	94.34236	92.46612	46.29342	0	53.70658	30.53089	23.17568	29.95299	9
1737.36	1740.644	1379.644	99.67607	133.7873	95.87639	93.30394	45.36899	0	54.63101	28.64641	25.9846	24.5319	9
1737.365	1740.649	1379.649	97.56383	153.602	94.50757	92.84373	36.75564	1.305204	61.93916	22.28343	39.65573	28.94453	9
1737.37	1740.654	1379.654	95.41618	135.1519	92.85553	92.70213	39.35541	2.501052	58.14354	28.22424	29.9193	28.73058	9
1737.375	1740.659	1379.659	96.87941	54.6818	96.2658	96.136	42.39344	7.659814	49.94674	30.42483	19.52192	29.51975	9
1737.38	1740.663	1379.663	97.10362	31.38599	97.23342	98.38985	42.06329	10.55134	47.38536	24.82858	22.55679	29.26034	9
1737.385	1740.668	1379.668	99.41647	46.96758	100.0537	100.2425	32.23229	17.03993	50.72778	34.64659	16.08119	28.29355	9
1737.39	1740.673	1379.673	100.9623	35.96717	100.9269	100.9859	38.68499	13.17386	48.14116	15.87748	32.26368	29.01016	9
1737.395	1740.678	1379.678	102.6969	36.34313	102.6733	101.2809	36.90669	14.98956	48.10375	30.51431	17.58944	29.01728	9
1737.4	1740.682	1379.682	102.7795	34.14305	102.0951	100.6083	42.48442	9.843828	47.67175	16.22412	31.44764	29.93045	9
1737.405	1740.687	1379.687	99.40467	24.4794	99.46367	99.80587	42.16643	11.61845	46.21511	24.06244	22.15267	29.42559	9
1737.41	1740.692	1379.692	99.69967	27.64028	99.59347	99.49907	42.41042	10.99147	46.59811	31.82495	14.77317	29.55875	9
1737.415	1740.697	1379.697	99.87668	28.99096	100.3605	101.2809	37.34812	15.26746	47.38442	31.04344	16.34098	28.6362	9
1737.42	1740.701	1379.701	97.98864	33.15441	98.93266	99.74687	34.51094	16.56694	48.92212	26.44576	22.47636	28.39358	9
1737.425	1740.706	1379.706	98.89726	36.99759	99.45187	100.4431	35.76287	15.25789	48.97924	19.91341	29.06582	28.48365	9
1737.43	1740.711	1379.711	98.62585	50.74114	98.85005	99.68787	35.24728	13.76309	50.98964	21.68625	29.30338	28.50067	9
1737.435	1740.716	1379.716	98.35444	42.79021	99.44007	101.2455	30.74511	18.5642	50.69069	18.66192	32.02877	27.88515	9
1737.44	1740.72	1379.72	98.01224	45.65867	98.70845	100.3133	33.38368	15.84498	50.77134	26.28619	24.48515	28.16886	9

1737.445	1740.725	1379.725	98.93266	76.6687	99.78227	101.4933	23.8436	19.94576	56.21065	25.78633	30.42431	27.6174	9
1737.45	1740.73	1379.73	99.61707	72.22676	99.21586	99.02706	33.98278	11.98379	54.03343	23.33716	30.69627	28.63243	9
1737.455	1740.735	1379.735	101.4343	85.44118	100.4903	99.68787	33.31982	10.47146	56.20871	29.00947	27.19924	28.8005	9
1737.46	1740.739	1379.739	100.6791	72.65842	100.2189	99.82947	33.35852	12.42993	54.21155	24.30082	29.91073	28.63379	9
1737.465	1740.744	1379.744	100.8089	77.74089	100.3605	99.62887	31.91769	12.95591	55.12639	29.81208	25.31432	28.58361	9
1737.47	1740.749	1379.749	100.4313	63.85809	100.5375	101.1393	31.32649	15.55272	53.12079	25.24744	27.87334	28.2034	9
1737.475	1740.754	1379.754	96.84401	121.659	96.82041	96.2422	21.64494	15.53801	62.81705	30.37666	32.44039	28.09712	9
1737.48	1740.759	1379.759	96.2894	83.50566	96.2068	95.82919	31.84554	12.21052	55.94393	36.11857	19.82536	28.42629	9
1737.485	1740.763	1379.763	97.19802	54.31976	97.52843	97.04462	34.87179	13.37877	51.74944	36.83687	14.91257	28.71479	9
1737.49	1740.768	1379.768	97.96504	58.90094	98.41345	98.54325	32.14297	15.12084	52.7362	34.69884	18.03735	28.361	9
1737.495	1740.773	1379.773	97.82343	45.33841	97.97684	98.01224	37.84167	12.24055	49.91778	27.27516	22.64261	28.92867	9
1737.5	1740.778	1379.778	97.65823	68.35573	98.87366	101.2337	24.1928	20.31299	55.49421	28.99176	26.50246	27.53129	9
1737.505	1740.782	1379.782	99.91208	62.64665	100.6201	102.1423	27.43329	19.14359	53.42312	20.08879	33.33433	27.7293	9
1737.51	1740.787	1379.787	98.68485	58.78954	98.22464	97.06822	38.54949	10.02038	51.43013	25.24707	26.18306	29.26673	9
1737.515	1740.792	1379.792	99.03886	68.59244	98.27184	97.33962	38.22925	9.001239	52.76951	27.35293	25.41658	29.214	9
1737.52	1740.797	1379.797	97.18622	73.17363	96.90301	95.06218	35.0755	11.00509	53.9194	31.22829	22.69111	28.98217	9
1737.525	1740.801	1379.801	96.254	85.4551	96.2186	96.0534	31.04054	12.58217	56.37729	32.38408	23.99321	28.33231	9
1737.53	1740.806	1379.806	96.63161	113.6802	96.3956	97.41043	25.41735	13.62279	60.95986	34.07826	26.8816	27.84796	9
1737.535	1740.811	1379.811	98.22464	91.15025	98.73205	97.23342	23.64254	17.92447	58.43299	34.78265	23.65034	28.26796	9
1737.54	1740.816	1379.816	95.65219	135.4582	96.90301	96.2186	9.525193	22.78705	67.68775	51.64578	16.04197	28.62745	10
1737.545	1740.82	1379.82	98.81465	130.5707	100.0301	102.5789	8.072861	25.92319	66.00394	46.54181	19.46214	27.9959	10
1737.55	1740.825	1379.825	102.5789	119.9602	103.1099	105.057	12.48168	24.86599	62.65233	39.09608	23.55624	27.65773	10
1737.555	1740.83	1379.83	110.0485	111.7586	110.0249	109.9777	11.89271	29.20303	58.90426	35.7475	23.15676	27.55068	10
1737.56	1740.835	1379.835	111.3701	113.8612	111.4409	111.5589	9.436368	32.50787	58.05576	51.03122	7.02454	27.38802	10
1737.565	1740.839	1379.839	112.0899	121.3666	112.7861	113.0811	2.110896	42.16656	55.72255	55.72255	0	-9999	10
1737.57	1740.844	1379.844	112.9395	126.9921	113.9898	114.7568	0	49.17889	50.82111	50.82111	0	-9999	10
1737.575	1740.849	1379.849	113.1873	125.6414	114.214	113.3644	0	49.36629	50.63371	50.63371	0	-9999	10
1737.58	1740.854	1379.854	113.624	86.88933	114.5798	115.3468	7.031138	46.82786	46.14101	46.14101	0	-9999	10
1737.585	1740.858	1379.858	112.7507	79.42576	113.9898	115.9604	7.445837	48.08797	44.46619	41.75788	2.708315	-9999	10
1737.59	1740.863	1379.863	113.0811	60.59974	113.5886	114.6388	17.36778	37.64821	44.98401	36.05503	8.92898	25.89872	10
1737.595	1740.868	1379.868	111.9719	100.8696	112.4793	112.9395	8.642955	38.12433	53.23271	39.5695	13.66321	26.78635	10
1737.6	1740.873	1379.873	108.6443	106.6483	109.2225	110.1665	9.757254	33.25168	56.99107	48.96736	8.023709	27.23533	10
1737.605	1740.877	1379.877	106.709	116.2145	108.5971	110.3081	0	44.03187	55.96813	55.96813	0	-9999	10
1737.61	1740.882	1379.882	108.3374	170.0051	110.4851	111.5471	0	54.37908	45.62092	45.62092	0	-9999	10
1737.615	1740.887	1379.887	108.1014	109.0573	108.3965	108.4791	11.86852	29.5459	58.58558	42.59955	15.98603	27.55355	10
1737.62	1740.892	1379.892	107.8772	93.11362	108.0896	107.2754	16.57331	27.28826	56.13843	46.95111	9.187319	27.5826	10
1737.625	1740.897	1379.897	108.8567	70.8343	108.8921	109.8007	22.43562	25.35086	52.21352	37.69344	14.52008	27.19399	10
1737.63	1740.901	1379.901	108.6207	93.41996	109.6827	112.1371	9.230698	37.60275	53.16656	34.03504	19.13151	26.59469	10
1737.635	1740.906	1379.906	105.824	98.12646	107.7828	110.0603	3.714306	41.60872	54.67697	54.67697	0	-9999	10
1737.64	1740.911	1379.911	109.6473	77.74089	110.6975	110.6503	12.17199	38.47695	49.35106	43.16241	6.18865	26.61135	10
1737.645	1740.916	1379.916	110.4615	49.62718	110.4497	111.1931	26.4571	25.76351	47.77939	17.87234	29.90705	27.11632	10
1737.65	1740.92	1379.92	108.9983	46.38275	109.5647	110.4733	24.10728	29.66215	46.23057	21.60655	24.62401	26.75562	10
1737.655	1740.925	1379.925	109.5411	28.93526	109.5529	110.2963	32.12843	23.25791	44.61367	27.61846	16.9952	27.54523	10
1737.66	1740.93	1379.93	109.1163	30.24417	109.2225	109.7771	31.47088	23.74781	44.78131	24.20815	20.57316	27.51524	10
1737.665	1740.935	1379.935	107.2872	29.00488	107.417	107.9716	33.2706	21.30079	45.42861	20.29755	25.13106	27.87542	10
1737.67	1740.939	1379.939	106.5674	28.40613	106.6736	106.1072	34.26063	20.0692	45.67017	24.10503	21.56514	28.26219	10
1737.675	1740.944	1379.944	107.1574	36.12034	107.2518	107.417	31.94243	21.25734	46.80023	29.08551	17.71472	27.8826	10
1737.68	1740.949	1379.949	100.9741	30.50874	101.2573	101.6939	37.52587	15.10939	47.36474	32.51453	14.85021	28.73648	10
1737.685	1740.954	1379.954	97.67003	47.85876	97.57563	97.39863	39.29337	10.77472	49.93191	32.35115	17.58076	29.14347	10
1737.69	1740.958	1379.958	93.11514	55.21093	93.49274	94.97958	38.04657	10.40024	51.55319	19.0146	32.53859	28.62239	10
1737.695	1740.963	1379.963	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1738.03	1741.282	1380.282	99.10966	262.5339	98.24824	89.92907	0	21.54561	78.45439	78.45439	0	-9999	10
1738.035	1741.287	1380.287	101.8945	220.9412	99.55807	103.3459	10.89675	10.30467	78.79858	59.48079	19.31779	28.06236	10
1738.04	1741.291	1380.291	99.45187	139.204	96.78501	97.58743	35.48505	2.465057	62.04989	32.26467	29.78522	28.65647	10
1738.045	1741.296	1380.296	101.5169	192.8275	98.49605	92.79653	23.35187	3.944121	72.704	33.32919	39.37481	29.4727	10
1738.05	1741.301	1380.301	103.9006	157.278	105.175	106.1426	0	35.51636	64.48364	64.48364	0	-9999	10
1738.055	1741.306	1380.306	107.7828	133.0771	107.8418	108.7505	8.177862	28.29659	63.52555	60.0272	3.498351	27.8966	10
1738.06	1741.311	1380.311	112.5855	143.6877	114.745	116.9162	0	64.81688	35.18312	35.18312	0	-9999	10
1738.065	1741.315	1380.315	104.3372	140.304	105.3048	106.4612	2.557186	32.35088	65.09194	65.09194	0	-9999	10
1738.07	1741.32	1380.32	110.8509	110.8674	110.8155	112.4557	11.4616	30.21893	58.31946	49.05229	9.26717	27.14871	10
1738.075	1741.325	1380.325	115.807	112.2321	115.5592	114.9928	8.217889	35.78735	55.99476	54.0201	1.974661	27.0849	10
1738.08	1741.33	1380.33	115.9958	112.1346	115.9368	124.4684	6.604548	38.96419	54.43127	54.37061	0.06066	-9999	10
1738.085	1741.334	1380.334	114.1786	105.3812	113.388	114.981	15.58075	25.17257	59.24668	38.98301	20.26367	27.26424	10
1738.09	1741.339	1380.339	115.5592	87.46024	115.0636	112.8333	16.36114	30.06198	53.57688	36.32752	17.24936	27.3084	10
1738.095	1741.344	1380.344	113.7656	106.5508	114.3438	115.2288	5.069241	43.183	51.74776	51.74776	0	-9999	10
1738.1	1741.349	1380.349	120.0315	58.39966	120.1849	122.2617	14.24944	48.09389	37.65668	22.70165	14.95503	24.11257	10
1738.105	1741.353	1380.353	108.8803	139.0926	108.8567	112.7861	6.352666	29.36526	64.28208	58.11663	6.165443	-9999	10
1738.11	1741.358	1380.358	91.62831	180.9777	89.40986	89.83467	29.09832	6.717618	64.18407	40.18526	23.99881	27.27426	10
1738.115	1741.363	1380.363	87.85223	92.04142	85.92879	83.67494	51.80858	1.271122	46.9203	17.13525	29.78505	30.34067	10
1738.12	1741.368	1380.368	94.87337	84.38291	96.0888	98.36624	22.87629	18.31435	58.80936	31.67319	27.13617	27.62803	10
1738.125	1741.372	1380.372	116.4088	42.49779	116.6448	115.9486	20.79039	39.67085	39.53877	14.13492	25.40385	25.59297	10
1738.13	1741.377	1380.377	130.3685	34.32407	130.8641	131.5013	6.832227	79.92778	13.23999	10.76352	2.47647	-9999	10
1738.135	1741.382	1380.382	131.6193	32.40248	131.4069	131.1237	12.71495	75.18358	12.10147	0	12.10147	19.1743	10

1738.14	1741.387	1380.387	127.6662	36.91404	127.9613	128.9997	11.32756	74.77565	13.89679	0	13.89679	19.88314	10
1738.145	1741.391	1380.391	126.9228	46.96758	126.4036	126.0378	15.88872	51.32938	32.7819	16.63543	16.14647	23.19472	10
1738.15	1741.396	1380.396	126.2148	35.814	126.1676	125.9434	15.58119	60.3815	24.03731	9.831828	14.20548	22.00859	10
1738.155	1741.401	1380.401	128.5867	36.03679	128.8817	131.4069	10.69307	78.49752	10.80942	7.564361	3.245054	18.97551	10
1738.16	1741.406	1380.406	128.2445	30.96825	128.7165	129.1177	10.86271	81.77489	7.362399	3.79329	3.569109	18.93466	10
1738.165	1741.41	1380.41	129.3301	32.43033	129.3065	129.8965	13.35109	71.96686	14.68205	1.643589	13.03846	19.87163	10
1738.17	1741.415	1380.415	128.0557	35.10385	128.3271	129.5071	11.59027	75.56884	12.84088	8.112326	4.728556	19.64572	10
1738.175	1741.42	1380.42	129.6251	44.97637	130.2977	131.8199	4.647881	95.17246	0.179656	0	0.179656	-9999	10
1738.18	1741.425	1380.425	125.4478	39.39262	125.7664	126.4036	12.58581	67.09653	20.31766	0	20.31766	21.27925	10
1738.185	1741.429	1380.429	130.8051	40.25594	131.4305	132.7994	4.603571	90.23908	5.157349	5.157349	0	-9999	10
1738.19	1741.434	1380.434	130.3095	36.7191	130.6635	131.6547	8.485681	87.96546	3.54886	0	3.54886	17.801	10
1738.195	1741.439	1380.439	122.2853	55.48942	121.8133	120.7041	17.72713	41.23809	41.03479	26.80824	14.22655	25.13979	10
1738.2	1741.444	1380.444	121.3649	36.05072	121.3885	122.5921	19.4371	47.59611	32.96679	19.27142	13.69537	23.85698	10
1738.205	1741.448	1380.448	124.6218	40.72937	124.669	125.7428	15.12564	57.86548	27.00888	9.414421	17.59446	22.38065	10
1738.21	1741.453	1380.453	120.9637	51.2285	120.4327	120.0669	20.43142	36.92335	42.64523	25.99832	16.64691	25.55006	10
1738.215	1741.458	1380.458	127.206	47.10683	127.2414	127.4774	11.29624	66.68777	22.01599	13.59139	8.424603	21.27411	10
1738.22	1741.463	1380.463	127.8197	40.6876	128.2327	128.2091	9.358707	78.93674	11.70456	2.364125	9.340431	19.67765	10
1738.225	1741.468	1380.468	129.4481	44.8232	129.6133	132.0913	8.780223	78.89083	12.32894	2.83011	9.498833	18.99504	10
1738.23	1741.472	1380.472	128.5041	34.24052	128.4687	129.1413	13.76441	68.60839	17.6272	0.151295	17.47591	20.45297	10
1738.235	1741.477	1380.477	129.4717	38.39005	129.6959	130.6753	9.858074	80.32713	9.814798	0	9.814798	18.9239	10
1738.24	1741.482	1380.482	131.3361	37.13683	131.6901	133.4484	6.476397	80.88229	12.64131	12.64131	0	-9999	10
1738.245	1741.487	1380.487	131.5013	33.14048	131.6665	132.1267	9.718457	87.16951	3.112037	0.123659	2.988378	17.60964	10
1738.25	1741.491	1380.491	130.2505	38.76601	130.5337	130.6045	8.59332	85.60428	5.802401	0	5.802401	18.31748	10
1738.255	1741.496	1380.496	129.3065	33.92026	129.6015	129.7077	10.54304	81.43532	8.021642	2.837343	5.184299	18.8741	10
1738.26	1741.501	1380.501	131.5485	39.67111	131.8081	132.2683	7.363006	90.97727	1.659728	1.659728	0	-9999	10
1738.265	1741.506	1380.506	133.8378	39.30907	134.298	135.7376	3.439489	90.75575	5.80476	5.80476	0	-9999	10
1738.27	1741.51	1380.51	133.0708	49.93352	133.6844	132.9882	0.655723	89.1541	10.19018	10.19018	0	-9999	10
1738.275	1741.515	1380.515	133.767	38.2508	134.1918	134.416	4.046633	92.27461	3.678762	3.678762	0	-9999	10
1738.28	1741.52	1380.52	131.3243	44.05735	131.5957	132.0559	6.416352	90.58989	2.993753	0	2.993753	-9999	10
1738.285	1741.525	1380.525	130.5101	50.19808	131.2299	131.8671	2.143702	97.25526	0.601035	0.601035	0	-9999	10
1738.29	1741.529	1380.529	131.7963	52.56526	132.2211	133.4484	2.592538	93.54544	3.862027	3.862027	0	-9999	10
1738.295	1741.534	1380.534	129.3891	54.459	129.7667	130.5809	4.856505	85.66979	9.473704	9.473704	0	-9999	10
1738.3	1741.539	1380.539	130.6045	69.21905	130.7579	129.2475	1.903969	85.15539	12.94064	12.94064	0	-9999	10
1738.305	1741.544	1380.544	130.8759	91.48444	130.9467	129.3773	0	85.21769	14.78231	14.78231	0	-9999	10
1738.31	1741.548	1380.548	128.9643	98.19608	128.9997	130.2977	0	76.7073	23.2927	23.2927	0	-9999	10
1738.315	1741.553	1380.553	127.8551	92.19459	127.4302	125.2826	3.354529	59.5904	37.05507	35.96198	1.093085	-9999	10
1738.32	1741.558	1380.558	124.9404	121.0045	124.9522	125.8372	0	63.45711	36.54289	36.54289	0	-9999	10
1738.325	1741.563	1380.563	126.9228	141.8775	126.8756	127.0526	0	69.91779	30.08221	30.08221	0	-9999	10
1738.33	1741.567	1380.567	120.2911	148.0182	120.8339	122.3679	0	62.26961	37.73039	37.73039	0	-9999	10
1738.335	1741.572	1380.572	118.6981	86.80578	119.0757	119.3589	6.864322	50.58967	42.54601	33.78663	8.759372	-9999	10
1738.34	1741.577	1380.577	121.4829	89.43753	122.0847	121.2233	1.927786	63.22746	34.84476	34.84476	0	-9999	10
1738.345	1741.582	1380.582	128.1383	128.6909	128.7637	129.6369	0	92.29261	7.707395	7.707395	0	-9999	10
1738.35	1741.586	1380.586	128.2799	140.4293	127.6308	129.9673	0	58.04913	41.95087	41.95087	0	-9999	10
1738.355	1741.591	1380.591	126.0378	153.9222	125.5304	127.3122	0	56.40594	43.59406	43.59406	0	-9999	10
1738.36	1741.596	1380.596	125.495	152.6551	124.6926	125.4832	0	47.91559	52.08441	52.08441	0	-9999	10
1738.365	1741.601	1380.601	124.3622	151.8475	123.6306	123.0996	0	46.91864	53.08136	53.08136	0	-9999	10
1738.37	1741.606	1380.606	125.495	226.1629	125.2118	124.7752	0	65.1934	34.8066	34.8066	0	-9999	10
1738.375	1741.61	1380.61	121.6245	153.0589	121.2705	122.8871	0	48.66704	51.33296	51.33296	0	-9999	10
1738.38	1741.615	1380.615	118.1435	138.2153	118.6981	120.0551	0	55.67519	44.32481	44.32481	0	-9999	10
1738.385	1741.62	1380.62	120.5389	116.7715	119.9961	118.7335	5.052304	40.25751	54.69018	54.69018	0	-9999	10
1738.39	1741.625	1380.625	122.3089	151.931	122.7101	123.2766	0	65.91943	34.08057	34.08057	0	-9999	10
1738.395	1741.629	1380.629	124.0436	100.5633	123.2648	121.8605	7.579428	41.72077	50.6998	40.41392	10.28589	-9999	10
1738.4	1741.634	1380.634	125.7192	74.41291	125.8136	126.3682	5.598789	64.86666	29.53455	29.53455	0	-9999	10
1738.405	1741.639	1380.639	126.3918	82.37777	127.2414	128.9171	0	87.43635	12.56365	12.56365	0	-9999	10
1738.41	1741.644	1380.644	128.3507	78.49281	128.4687	128.1029	2.007612	75.34932	22.64307	22.64307	0	-9999	10
1738.415	1741.648	1380.648	130.8405	86.2488	130.5573	131.1591	0.949364	73.49817	25.55246	25.55246	0	-9999	10
1738.42	1741.653	1380.653	131.3951	83.28287	131.3007	131.0411	0	81.54847	18.45153	18.45153	0	-9999	10
1738.425	1741.658	1380.658	129.8965	117.036	130.4393	129.5543	0	97.34058	2.659425	2.659425	0	-9999	10
1738.43	1741.663	1380.663	124.2442	163.001	124.492	125.259	0	69.56518	30.43482	30.43482	0	-9999	10
1738.435	1741.667	1380.667	119.2763	154.8412	119.5477	119.2173	0	54.80106	45.19894	45.19894	0	-9999	10
1738.44	1741.672	1380.672	118.0254	141.3344	117.8484	118.8751	0	43.17494	56.82506	56.82506	0	-9999	10
1738.445	1741.677	1380.677	109.1871	217.1119	107.712	107.3226	0	19.98409	80.01591	80.01591	0	-9999	10
1738.45	1741.682	1380.682	107.2636	197.7289	106.2724	106.4966	1.14902	21.90933	76.94165	76.94165	0	-9999	10
1738.455	1741.686	1380.686	108.9629	120.0159	108.1132	110.7919	17.29486	19.5745	63.13064	50.38149	12.74916	27.57287	10
1738.46	1741.691	1380.691	115.2052	71.71155	114.6152	113.7538	21.22962	27.09612	51.67425	25.11672	26.55753	27.17068	10
1738.465	1741.696	1380.696	123.371	52.55134	122.6629	123.7132	19.26841	38.55524	42.17635	21.36081	20.81554	24.90944	10
1738.47	1741.701	1380.701	124.7162	73.04831	124.4212	130.2505	9.869715	52.37313	37.75715	22.01171	15.74544	22.77446	10
1738.475	1741.705	1380.705	126.0496	70.9457	126.5216	128.7991	3.207421	75.35989	21.43269	20.5692	0.863495	-9999	10
1738.48	1741.71	1380.71	128.3153	59.04019	128.2445	130.6871	8.210946	68.59345	23.1956	17.66923	5.526374	20.77613	10
1738.485	1741.715	1380.715	126.498	98.25178	126.1322	126.5098	2.679896	57.45591	39.8642	39.8642	0	-9999	10
1738.49	1741.72	1380.72	128.3507	89.46538	128.5395	130.3921	0	78.09576	21.90424	21.90424	0	-9999	10
1738.495	1741.724	1380.724	129.1059	109.5028	128.9879	129.3183	0	73.55588	26.44412	26.44412	0	-9999	10
1738.5	1741.729	1380.729	131.8081	124.3047	132.2211	133.0944	0	100	0	0	0	-9999	10

1738.505	1741.734	1380.734	131.1591	101.4823	131.3715	131.5367	0	91.74751	8.25249	8.25249	0	-9999	10
1738.51	1741.739	1380.739	131.0765	113.0675	130.7107	129.6959	0	73.58827	26.41173	26.41173	0	-9999	10
1738.515	1741.744	1380.744	132.5279	83.33857	132.5397	131.3007	0	90.11477	9.885233	9.885233	0	-9999	10
1738.52	1741.748	1380.748	131.0765	77.90798	130.3567	129.8611	6.134437	60.11472	33.75085	33.75085	0	-9999	10
1738.525	1741.753	1380.753	125.5186	154.7298	126.6042	128.0203	0	94.52483	5.475167	5.475167	0	-9999	10
1738.53	1741.758	1380.758	117.3882	228.2377	120.1849	124.6808	0	99.37692	0.623083	0.623083	0	-9999	10
1738.535	1741.763	1380.763	105.1868	248.2751	100.1245	95.74659	22.37843	0	77.62157	37.22533	40.39623	20.09012	10
1738.54	1741.767	1380.767	100.8325	166.5797	97.20982	94.90877	34.99755	0	65.00245	38.62599	26.37645	27.41959	10
1738.545	1741.772	1380.772	104.5496	176.7307	103.5702	103.759	8.636077	18.48625	72.87768	53.2766	19.60108	28.71896	10
1738.55	1741.777	1380.777	103.0155	179.0282	100.8325	98.42525	18.81947	8.756307	72.42422	42.95468	29.46954	28.93648	10
1738.555	1741.782	1380.782	111.7477	131.4758	111.8303	110.8155	4.734788	34.46763	60.79758	60.79758	0	-9999	10
1738.56	1741.786	1380.786	132.1149	87.47416	132.3391	133.0118	0	95.75426	4.245739	4.245739	0	-9999	10
1738.565	1741.791	1380.791	139.8205	77.28138	139.8913	140.5639	0	100	0	0	0	-9999	10
1738.57	1741.796	1380.796	138.7821	63.81632	138.6995	138.0505	0	100	0	0	0	-9999	10
1738.575	1741.801	1380.801	143.278	60.11238	143.4196	144.5052	0	100	0	0	0	-9999	10
1738.58	1741.805	1380.805	145.2604	60.92	145.5436	147.5379	0	100	0	0	0	-9999	10
1738.585	1741.81	1380.81	142.5818	46.4106	142.9122	143.4668	0	100	0	0	0	-9999	10
1738.59	1741.815	1380.815	143.396	55.04383	143.6202	145.52	0	100	0	0	0	-9999	10
1738.595	1741.82	1380.82	144.4108	69.27475	145.0244	146.1808	0	100	0	0	0	-9999	10
1738.6	1741.824	1380.824	143.7382	61.17065	144.34	145.5436	0	100	0	0	0	-9999	10
1738.605	1741.829	1380.829	144.1984	54.06911	144.694	146.7236	0	100	0	0	0	-9999	10
1738.61	1741.834	1380.834	144.812	53.94379	145.284	144.9182	0	100	0	0	0	-9999	10
1738.615	1741.839	1380.839	145.1188	51.85511	145.52	145.5908	0	100	0	0	0	-9999	10
1738.62	1741.843	1380.843	145.4138	55.62867	146.1218	147.4671	0	100	0	0	0	-9999	10
1738.625	1741.848	1380.848	144.5524	58.90094	145.402	146.818	0	100	0	0	0	-9999	10
1738.63	1741.853	1380.853	142.4992	54.16659	142.7234	143.5848	0	100	0	0	0	-9999	10
1738.635	1741.858	1380.858	143.6084	59.93136	143.9978	145.7324	0	100	0	0	0	-9999	10
1738.64	1741.862	1380.862	143.5848	43.51429	143.8208	142.8886	0	100	0	0	0	-9999	10
1738.645	1741.867	1380.867	144.871	47.74736	145.2722	145.3902	0	100	0	0	0	-9999	10
1738.65	1741.872	1380.872	142.8296	70.76468	143.5612	144.0686	0	100	0	0	0	-9999	10
1738.655	1741.877	1380.877	140.6465	91.95788	142.1215	142.6172	0	100	0	0	0	-9999	10
1738.66	1741.882	1380.882	141.0359	106.9407	141.9091	143.4432	0	100	0	0	0	-9999	10
1738.665	1741.886	1380.886	140.2925	117.1196	141.6141	142.1923	0	100	0	0	0	-9999	10
1738.67	1741.891	1380.891	137.3424	120.9071	138.0505	138.4871	0	100	0	0	0	-9999	10
1738.675	1741.896	1380.896	136.4102	149.0625	137.0002	138.9473	0	100	0	0	0	-9999	10
1738.68	1741.901	1380.901	139.4075	177.594	140.2807	141.5669	0	100	0	0	0	-9999	10
1738.685	1741.905	1380.905	135.5134	229.7554	135.9972	141.1185	0	100	0	0	0	-9999	10
1738.69	1741.91	1380.91	139.3957	230.02	140.0919	139.1361	0	100	0	0	0	-9999	10
1738.695	1741.915	1380.915	154.9366	133.0771	155.9278	156.0576	0	100	0	0	0	-9999	10
1738.7	1741.92	1380.92	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1739.01	1742.215	1381.215	99.40467	46.09033	99.64067	101.2573	35.56481	14.25627	50.17892	22.72422	27.45469	28.36	9
1739.015	1742.219	1381.219	98.83825	50.22593	99.27486	99.44007	33.53041	15.31213	51.15746	26.58061	24.57684	28.43329	9
1739.02	1742.224	1381.224	97.91784	53.90202	98.49605	99.15686	32.39016	15.55581	52.05403	36.99591	15.05812	28.26165	9
1739.025	1742.229	1381.229	97.49303	61.1985	97.43403	98.17744	35.95364	11.75012	52.29624	25.29322	27.00302	28.58552	9
1739.03	1742.234	1381.234	96.018	60.11238	95.47519	95.06218	41.32303	7.905791	50.77118	31.12764	19.64353	29.37078	9
1739.035	1742.238	1381.238	103.4639	66.37844	102.5081	99.75867	36.15719	10.45051	53.3923	20.70956	32.68274	29.44902	9
1739.04	1742.243	1381.243	112.6799	73.63314	113.27	114.3792	13.94264	38.79287	47.26449	21.57559	25.6889	26.01191	9
1739.045	1742.248	1381.248	107.4524	70.87607	107.7002	107.2164	22.07126	25.53178	52.39696	25.87807	26.51888	27.46604	9
1739.05	1742.253	1381.253	114.4972	46.49415	115.2406	115.7362	17.64955	43.16955	39.18091	21.64685	17.53406	25.2371	9
1739.055	1742.257	1381.257	123.902	57.28569	124.0318	123.607	11.14108	58.61915	30.23977	9.329258	20.91051	23.01716	9
1739.06	1742.262	1381.262	135.8084	70.70898	136.2332	137.4368	0	100	0	0	0	-9999	9
1739.065	1742.267	1381.267	132.0795	68.71776	132.4217	133.6608	0	98.36954	1.630458	1.630458	0	-9999	9
1739.07	1742.272	1381.272	125.3062	60.85038	125.7428	128.0321	6.608785	70.93718	22.45403	22.45403	0	-9999	9
1739.075	1742.276	1381.276	136.2568	66.12779	137.0002	138.7585	0	100	0	0	0	-9999	9
1739.08	1742.281	1381.281	132.0087	82.21068	132.2447	132.823	0	95.28369	4.716306	4.716306	0	-9999	9
1739.085	1742.286	1381.286	120.5979	104.1976	120.2557	121.2351	6.486222	43.27171	50.24207	46.3558	3.886269	-9999	9
1739.09	1742.291	1381.291	120.7631	75.88892	121.3177	121.9077	6.234586	59.07373	34.69169	22.37741	12.31428	-9999	9
1739.095	1742.296	1381.296	118.5329	113.7638	119.8899	123.7958	0	69.57777	30.42223	30.42223	0	-9999	9
1739.1	1742.3	1381.3	130.2151	80.7486	130.6635	132.7522	0	93.46951	6.530488	6.530488	0	-9999	9
1739.105	1742.305	1381.305	120.7041	87.91975	120.2793	120.1731	10.96791	40.85421	48.17788	26.42951	21.74837	25.71056	9
1739.11	1742.31	1381.31	115.8306	67.99369	115.0046	113.1755	23.383	24.38177	52.23522	35.57772	16.65751	27.58305	9
1739.115	1742.315	1381.315	111.4527	66.97719	111.8539	111.4881	18.14566	33.51695	48.33739	20.17178	28.16562	26.64815	9
1739.12	1742.319	1381.319	108.8331	49.48793	109.0927	109.3169	25.88556	26.26929	47.84515	32.10854	15.73661	27.19864	9
1739.125	1742.324	1381.324	110.0603	51.21458	109.7063	108.7269	29.09417	21.44662	49.45921	21.57625	27.88296	27.90399	9
1739.13	1742.329	1381.329	121.5183	69.73426	122.2499	122.9225	5.657438	64.69407	29.6485	22.86096	6.787537	-9999	9
1739.135	1742.334	1381.334	121.8841	129.9163	122.8281	124.3976	0	74.51793	25.48207	25.48207	0	-9999	9
1739.14	1742.338	1381.338	123.3356	96.51121	122.4741	122.6865	9.851561	38.21943	51.92901	33.28457	18.64445	25.89956	9
1739.145	1742.343	1381.343	122.3443	46.2992	122.2263	122.6865	17.15332	48.01485	34.83183	7.398293	27.43354	23.9607	9
1739.15	1742.348	1381.348	115.9604	61.78333	116.0194	116.81	17.9076	37.28128	44.81112	23.27229	21.53884	25.76614	9
1739.155	1742.353	1381.353	104.3372	29.01881	104.9508	106.4848	32.23176	21.72274	46.0455	32.04388	14.00162	27.66365	1
1739.16	1742.357	1381.357	96.4074	40.26986	97.41043	98.41345	33.78647	15.70244	50.51109	23.37988	27.1312	28.33539	1
1739.165	1742.362	1381.362	92.96173	34.97853	94.49577	96.52541	34.12166	14.73522	51.14312	21.82113	29.322	28.28692	1
1739.17	1742.367	1381.367	88.74905	39.0445	89.45706	91.81711	43.41499	7.748946	48.83606	29.35394	19.48212	29.06104	1

1739.175	1742.372	1381.372	89.09125	16.61201	89.40986	89.70487	51.54674	4.883583	43.56968	13.41692	30.15276	30.79516	1
1739.18	1742.376	1381.376	85.00837	37.73559	85.51578	85.45678	48.72786	4.757938	46.51421	22.82827	23.68594	30.07445	1
1739.185	1742.381	1381.381	81.18509	43.70923	81.5981	80.94909	51.53127	3.127592	45.34114	27.35337	17.98778	30.32787	1
1739.19	1742.386	1381.386	82.25891	36.83049	83.00233	84.27676	49.64735	4.068549	46.2841	17.12148	29.16262	29.87609	1
1739.195	1742.391	1381.391	82.43592	67.08859	84.31216	85.77539	33.38267	9.620271	56.99706	36.53045	20.46661	28.164	1
1739.2	1742.395	1381.395	80.02867	64.30368	81.6689	83.36814	38.10032	7.300947	54.59873	21.41312	33.1856	28.29043	1
1739.205	1742.4	1381.4	80.87829	36.25959	81.05529	80.80748	55.44538	1.873078	42.68154	20.94957	21.73197	30.95363	1
1739.21	1742.405	1381.405	75.56818	26.21997	76.09919	76.5358	60.01671	0.187435	39.79585	21.99591	17.79994	31.55287	1
1739.215	1742.41	1381.41	77.47982	32.80629	78.23503	79.69826	54.92653	1.787227	43.28625	28.32652	14.95973	30.47368	1
1739.22	1742.414	1381.414	77.30281	39.49009	77.40901	78.02263	58.50174	0.719388	40.77887	13.89579	26.88308	31.07057	1
1739.225	1742.419	1381.419	76.33519	27.47318	76.33519	76.14639	63.12311	0	36.87689	16.2563	20.62058	31.44472	1
1739.23	1742.424	1381.424	78.12883	18.29689	78.37663	79.07285	61.77314	0	38.22686	23.18861	15.03825	31.93817	1
1739.235	1742.429	1381.429	82.17631	17.54496	82.61292	83.65134	56.76819	1.844344	41.38746	30.5485	10.83896	31.3105	1
1739.24	1742.434	1381.434	82.99053	16.86266	83.15573	82.82533	58.28762	1.356286	40.35609	23.2396	17.11649	31.88307	1
1739.245	1742.438	1381.438	79.71006	23.04517	80.04047	80.73668	58.52916	0.943535	40.5273	25.4472	15.08011	31.48953	1
1739.25	1742.443	1381.443	80.98449	25.98325	81.6335	82.81353	54.17647	2.487482	43.33605	24.9299	18.40615	30.67062	1
1739.255	1742.448	1381.448	78.19963	18.24119	77.91642	77.32641	65.83682	0	34.16318	24.47622	9.686966	31.38129	1
1739.26	1742.453	1381.453	77.97543	11.22321	77.53882	77.60962	68.93031	0	31.06969	18.12026	12.94942	30.89601	1
1739.265	1742.457	1381.457	76.6774	21.31852	76.76	76.08739	63.65755	0	36.34245	22.046	14.29646	31.58688	1
1739.27	1742.462	1381.462	76.5358	24.81359	76.9252	77.19661	60.56427	0.105252	39.33048	10.28515	29.04533	31.75849	1
1739.275	1742.467	1381.467	80.98449	32.06829	82.16451	82.61292	48.58856	4.361555	47.04989	29.46196	17.58793	29.93973	1
1739.28	1742.472	1381.472	76.4886	52.73236	78.51824	80.38268	41.13954	5.639268	53.22119	30.18112	23.04007	28.55337	1
1739.285	1742.476	1381.476	74.61236	21.90335	74.67136	74.63596	65.59876	0	34.40124	11.42724	22.974	30.95459	1
1739.29	1742.481	1381.481	72.79512	18.65893	72.29951	72.40571	72.35401	0	27.64599	18.46707	9.178919	30.22638	1
1739.295	1742.486	1381.486	74.04595	18.11587	73.96334	73.99874	68.13385	0	31.86615	7.315594	24.55055	30.63615	1
1739.3	1742.491	1381.491	75.43837	31.49738	76.20539	76.9252	57.02996	0.988498	41.98154	23.88206	18.09949	30.87632	1
1739.305	1742.495	1381.495	75.59178	37.42925	75.42657	78.02263	62.67801	0	37.32199	6.471944	30.85004	30.7856	1
1739.31	1742.5	1381.5	78.48284	19.27161	78.09343	76.8426	66.14997	0	33.85003	15.03746	18.81257	31.43774	1
1739.315	1742.505	1381.505	78.57724	40.21417	78.90764	80.53608	55.41646	1.695609	42.88793	23.52016	19.36778	30.42366	1
1739.32	1742.51	1381.51	74.90736	36.03679	74.11675	71.7095	68.4916	0	31.5084	18.49636	13.01204	30.94077	1
1739.325	1742.514	1381.514	64.62935	10.37381	64.28714	64.28714	80.68264	0	19.31736	11.58254	7.734819	29.93198	1
1739.33	1742.519	1381.519	66.28139	17.71206	66.65899	67.0956	71.80835	0	28.19165	6.644231	21.54742	29.61837	1
1739.335	1742.524	1381.524	63.82694	29.93783	63.35493	63.10712	77.69234	0	22.30766	5.945657	16.362	30.03868	1
1739.34	1742.529	1381.529	64.75915	12.2954	64.55855	64.42875	79.00077	0	20.99923	15.55573	5.443498	29.84777	1
1739.345	1742.533	1381.533	66.31679	18.32474	66.7652	68.27563	71.0788	0	28.9212	5.8928	23.0284	29.42396	1
1739.35	1742.538	1381.538	62.65871	11.93336	62.82391	63.52013	78.18579	0	21.81421	18.67034	3.143877	29.43445	1
1739.355	1742.543	1381.543	63.42573	17.44749	63.52013	63.80333	76.69442	0	23.30558	13.855	9.450577	29.57234	1
1739.36	1742.548	1381.548	65.93918	12.08653	66.17518	66.63539	74.58198	0	25.41802	8.5542	16.86382	29.57119	1
1739.365	1742.552	1381.552	65.59697	12.30932	65.39637	65.25476	78.22661	0	21.77339	18.57329	3.200101	29.85339	1
1739.37	1742.557	1381.557	65.12496	12.26755	65.20756	65.53797	76.47613	0	23.52387	8.322452	15.20142	29.61082	1
1739.375	1742.562	1381.562	65.31377	20.07923	64.91256	64.86536	78.16153	0	21.83847	15.63156	6.206918	29.94208	1
1739.38	1742.567	1381.567	68.49983	36.83049	67.47321	65.66777	76.02349	0	23.97651	11.91893	12.05758	30.51557	1
1739.385	1742.572	1381.572	68.71224	15.08031	68.57063	68.58243	74.23273	0	25.76727	17.07246	8.694812	29.93601	1
1739.39	1742.576	1381.576	70.36427	40.33949	69.86866	70.24627	69.3437	0	30.6563	19.58743	11.06888	30.20822	1
1739.395	1742.581	1381.581	70.54127	29.4087	69.58545	67.47321	75.39273	0	24.60727	17.6873	6.919971	30.52435	1
1739.4	1742.586	1381.586	71.7921	19.36908	71.56789	70.88348	71.00154	0	28.99846	22.41915	6.579312	30.37454	1
1739.405	1742.591	1381.591	71.16669	17.07153	71.39089	71.6859	68.65775	0	31.34225	19.57568	11.76656	30.26367	1
1739.41	1742.595	1381.595	67.26081	28.51752	67.60301	68.79484	68.56671	0	31.43329	5.064255	26.36903	29.72615	1
1739.415	1742.6	1381.6	69.39665	47.9423	68.61783	69.56185	70.58887	0	29.41113	18.85356	10.55757	30.08117	1
1739.42	1742.605	1381.605	71.7449	56.11603	72.47651	77.58602	54.7446	1.432127	43.82327	19.66951	24.15377	29.0215	1
1739.425	1742.61	1381.61	71.19029	42.37247	70.50587	69.27865	69.55501	0	30.44499	15.04341	15.40158	30.53826	1
1739.43	1742.614	1381.614	70.30527	31.16319	69.86866	68.86564	71.16138	0	28.83862	13.11604	15.72258	30.35881	1
1739.435	1742.619	1381.619	73.38513	23.79709	73.69194	73.91614	64.34903	0	35.65097	25.53889	10.11207	30.90654	1
1739.44	1742.624	1381.624	72.93672	33.54429	72.84232	74.28195	65.51211	0	34.48789	18.33678	16.15111	30.44781	1
1739.445	1742.629	1381.629	71.14309	16.87658	70.76548	70.81268	73.39069	0	26.60931	22.38579	4.223518	30.1125	1
1739.45	1742.633	1381.633	73.17273	18.28296	72.79512	71.9455	71.18307	0	28.81693	7.279273	21.53765	30.48718	1
1739.455	1742.638	1381.638	74.98996	29.72896	75.19057	74.69496	62.26014	0	37.73986	13.04022	24.69963	31.46501	1
1739.46	1742.643	1381.643	74.84836	26.24782	75.14337	75.80418	62.50124	0	37.49876	13.22936	24.2694	31.24049	1
1739.465	1742.648	1381.648	73.20813	42.73451	73.53853	73.38513	59.74612	0.222086	40.0318	17.77423	22.25757	31.14098	1
1739.47	1742.652	1381.652	74.03414	54.23621	74.55336	76.5004	54.73954	1.582168	43.67829	30.88577	12.79252	29.76048	1
1739.475	1742.657	1381.657	76.9134	51.81333	77.89282	80.18207	49.11034	3.361603	47.52806	21.40893	26.11913	29.16882	1
1739.48	1742.662	1381.662	76.5358	60.76683	78.12883	79.81626	42.53549	5.198016	52.26649	32.28424	19.98225	28.51606	1
1739.485	1742.667	1381.667	74.16395	34.71396	75.04897	75.10797	56.5095	1.012168	42.47833	17.5722	24.90613	30.79124	1
1739.49	1742.671	1381.671	75.88678	72.5331	77.26741	77.75122	41.93128	5.235004	52.83372	27.03022	25.80349	28.44902	1
1739.495	1742.676	1381.676	75.45017	82.48917	77.97543	80.53608	31.05276	8.246511	60.70073	40.22491	20.47582	27.61085	1
1739.5	1742.681	1381.681	71.14309	59.12373	71.43809	74.35275	57.95412	0.746874	41.299	25.80166	15.49734	29.79762	1
1739.505	1742.686	1381.686	69.24325	43.84848	69.27865	70.24627	65.41053	0	34.58947	13.64803	20.94145	30.22486	1
1739.51	1742.69	1381.69	68.02782	39.50401	67.61481	67.61481	71.05525	0	28.94475	7.169732	21.77502	30.10853	1
1739.515	1742.695	1381.695	69.59725	23.63	69.70346	69.63265	69.429	0	30.571	18.40472	12.16628	30.14601	1
1739.52	1742.7	1381.7	71.8865	27.04152	72.45291	73.03112	62.93068	0	37.06932	6.325219	30.7441	30.79038	1
1739.525	1742.705	1381.705	70.64748	22.68313	70.24627	70.24627	72.62437	0	27.37563	6.046699	21.32893	30.12369	1
1739.53	1742.71	1381.71	73.44413	13.9942	73.60934	73.30253	67.76448	0	32.23552	20.29663	11.9389	30.70659	1
1739.535	1742.714	1381.714	72.86592	29.04666	72.54731	72.12251	68.40326	0	31.59674	7.194753	24.40198	30.5432	1

1739.54	1742.719	1381.719	75.69798	24.25661	75.55638	76.07559	65.58518	0	34.41482	18.98373	15.43109	30.92082	1
1739.545	1742.724	1381.724	73.85714	41.23066	73.86894	72.96032	61.98216	0	38.01784	7.951234	30.06661	31.34383	1
1739.55	1742.729	1381.729	73.24353	51.10318	73.91614	76.7954	55.03623	1.423705	43.54007	28.55097	14.9891	29.65787	1
1739.555	1742.733	1381.733	75.89858	57.75913	76.8898	75.24957	48.51364	3.399167	48.0872	20.28004	27.80715	29.67235	1
1739.56	1742.738	1381.738	76.38239	61.64408	78.11703	80.94909	41.3669	5.509566	53.12353	19.18234	33.94119	28.21097	1
1739.565	1742.743	1381.743	75.86318	37.47102	75.83958	76.33519	61.32079	0	38.67921	7.548743	31.13047	31.42101	1
1739.57	1742.748	1381.748	76.9606	46.04856	77.60962	78.16423	53.02264	2.250221	44.72714	22.32946	22.39768	30.08486	1
1739.575	1742.752	1381.752	77.23201	66.03032	78.97845	80.73668	39.43233	6.239421	54.32824	21.67212	32.65612	28.24635	1
1739.58	1742.757	1381.757	75.11977	53.74885	75.36757	76.20539	55.9621	1.336355	42.70154	12.20788	30.49366	30.20906	1
1739.585	1742.762	1381.762	75.70978	29.47832	75.10797	74.62416	67.8773	0	32.1227	18.31055	13.81216	30.73831	1
1739.59	1742.767	1381.767	76.5004	16.02718	76.5004	76.642	65.74106	0	34.25894	9.516646	24.7423	31.1691	1
1739.595	1742.771	1381.771	77.92822	30.77331	78.01083	78.43564	60.21873	0.269726	39.51154	27.1841	12.32745	31.61484	1
1739.6	1742.776	1381.776	82.22351	89.31221	82.25891	81.98751	42.46646	5.572056	51.96149	31.43935	20.52214	28.56455	1
1739.605	1742.781	1381.781	85.46858	107.4281	87.95843	90.94389	16.07497	16.74127	67.18376	48.38001	18.80375	27.86583	1
1739.61	1742.786	1381.786	86.2356	80.17769	86.97901	87.02621	35.49878	9.102436	55.39878	33.31293	22.08585	28.35748	1
1739.615	1742.79	1381.79	89.81107	84.46646	90.84949	86.6368	28.88517	12.94279	58.17204	42.0604	16.11164	28.93711	1
1739.62	1742.795	1381.795	92.51332	74.56609	95.07398	96.1478	16.99769	22.28446	60.71785	47.28827	13.42957	28.09746	1
1739.625	1742.8	1381.8	94.93237	87.39062	96.1124	91.5103	22.3685	18.37956	59.25194	26.8675	32.38445	28.8776	1
1739.63	1742.805	1381.805	91.5457	55.26663	91.65191	92.18292	41.58036	8.070324	50.34932	20.84542	29.5039	29.10552	1
1739.635	1742.809	1381.809	89.40986	56.14388	89.82287	90.58989	40.95529	8.126559	50.91815	31.52044	19.39771	28.94146	1
1739.64	1742.814	1381.814	88.51304	84.95382	90.30668	88.00563	24.10849	15.12745	60.76406	42.94432	17.81974	28.59791	1
1739.645	1742.819	1381.819	85.65738	90.55149	87.53362	82.47132	24.7409	13.49208	61.76702	43.46373	18.30329	29.06903	1
1739.65	1742.824	1381.824	86.4834	88.47673	87.67523	88.15904	29.78726	11.43943	58.7733	41.82337	16.94993	28.02477	1
1739.655	1742.828	1381.828	91.89971	140.5129	90.93209	89.05585	28.94721	9.269281	61.78351	38.27034	23.51317	28.08635	1
1739.66	1742.833	1381.833	90.29488	30.70368	89.19746	88.51304	58.00345	0.740014	41.25654	10.58488	30.67166	32.08673	1
1739.665	1742.838	1381.838	90.79049	39.18375	90.03527	88.85525	52.8432	2.884081	44.27272	21.62542	22.6473	31.12881	1
1739.67	1742.843	1381.843	91.76991	56.12995	90.17688	87.22682	54.33424	0.874858	44.7909	25.73345	19.05745	31.63246	1
1739.675	1742.847	1381.847	92.60773	83.1297	90.51908	87.33302	50.87049	0.787073	48.34244	29.53459	18.80785	30.88913	1
1739.68	1742.852	1381.852	90.35388	87.02858	87.55722	83.80475	57.48761	0	42.51239	13.71389	28.7985	29.24844	1
1739.685	1742.857	1381.857	86.5778	44.72573	85.02017	82.90793	61.59644	0	38.40356	22.75195	15.6516	31.3589	1
1739.69	1742.862	1381.862	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1740	1743.157	1382.157	92.30092	27.75167	91.5221	90.10608	54.40307	2.653465	42.94346	21.99447	20.949	31.64061	6
1740.005	1743.162	1382.162	94.00016	35.42411	93.70515	93.02074	47.23352	6.326931	46.43955	16.8186	29.62095	30.27199	6
1740.01	1743.166	1382.166	98.11844	50.22593	96.72601	95.26278	48.36768	3.530836	48.10148	25.59526	22.50622	30.77562	6
1740.015	1743.171	1382.171	103.6292	67.36708	102.3193	101.9535	38.5095	7.900932	53.58956	37.47676	16.1128	29.36728	6
1740.02	1743.176	1382.176	104.4788	81.83471	103.3341	100.2897	32.94636	10.69427	56.35936	25.35586	31.0035	29.27717	6
1740.025	1743.181	1382.181	103.0509	82.79551	102.8503	101.8355	26.7113	17.09519	56.1935	26.23748	29.95602	28.2332	6
1740.03	1743.185	1382.185	99.77047	64.93028	100.2897	97.62283	28.47415	17.82496	53.70088	34.88108	18.8198	28.56852	6
1740.035	1743.19	1382.19	97.46943	47.83091	98.57865	100.3841	30.15657	18.02926	51.81416	18.62119	33.19297	27.87007	6
1740.04	1743.195	1382.195	99.15686	51.74371	100.5375	101.5169	25.55384	22.18699	52.25917	26.39548	25.8637	27.67213	6
1740.045	1743.2	1382.2	97.56383	59.84781	99.15686	98.10664	23.4121	22.07011	54.51779	41.07713	13.44065	28.09761	6
1740.05	1743.204	1382.204	98.36624	52.34247	99.45187	96.97382	28.4226	19.22295	52.35444	29.62517	22.72928	28.5214	6
1740.055	1743.209	1382.209	99.32206	58.09332	99.61707	99.33386	32.27882	15.38129	52.33989	25.16949	27.1704	28.412	6
1740.06	1743.214	1382.214	100.8679	97.02642	100.6201	90.82589	25.64163	15.70663	58.65174	36.58331	22.06842	29.87778	6
1740.065	1743.219	1382.219	94.80257	58.69207	95.61679	91.00289	32.26797	14.28999	53.44204	37.3354	16.10664	29.26075	6
1740.07	1743.223	1382.223	93.00893	54.87674	94.80257	94.20076	27.25092	17.48144	55.26764	27.29427	27.97337	28.3542	6
1740.075	1743.228	1382.228	90.30668	32.27716	90.43648	90.69609	48.10081	5.87687	46.02232	15.41158	30.61074	30.13829	6
1740.08	1743.233	1382.233	91.65191	75.06737	91.2861	85.94059	40.34895	7.368065	52.28299	23.79168	28.4913	29.90745	6
1740.085	1743.238	1382.238	92.21832	55.60082	93.36294	85.50398	32.83292	13.46158	53.7055	39.07557	14.62993	29.93979	6
1740.09	1743.242	1382.242	94.22436	47.67774	94.28336	88.92605	41.31832	9.08468	49.597	22.43134	27.16566	30.26598	6
1740.095	1743.247	1382.247	93.12694	65.61259	94.01196	85.98779	31.58608	13.641	54.77292	22.18951	32.5834	29.84223	6
1740.1	1743.252	1382.252	92.97353	59.04019	94.50757	86.4716	28.28788	16.37141	55.34071	28.86253	26.47819	29.74113	6
1740.105	1743.257	1382.257	91.3923	45.70045	91.02649	85.58658	47.69458	5.252951	47.05247	23.07229	23.98017	31.05051	6
1740.11	1743.261	1382.261	91.0973	62.6745	90.80229	83.92275	43.30956	6.553789	50.13666	28.28043	21.85623	30.58628	6
1740.115	1743.266	1382.266	90.14148	113.9309	92.58413	82.42412	10.56804	21.56128	67.87068	48.92467	18.94601	30.57461	6
1740.12	1743.271	1382.271	89.92907	90.94138	91.91151	80.53608	19.89352	17.662	62.44448	35.25214	27.19234	30.30989	6
1740.125	1743.276	1382.276	88.96145	78.53459	88.76085	81.6335	40.70478	6.944478	52.35075	30.08239	22.26836	30.12607	6
1740.13	1743.281	1382.281	87.49822	89.91096	87.46282	80.13487	38.01754	7.630833	54.35163	38.58607	15.76556	29.76885	6
1740.135	1743.285	1382.285	88.01743	92.04142	89.69307	85.56298	23.76377	14.69859	61.53763	30.11982	31.41782	28.87825	6
1740.14	1743.29	1382.29	89.06765	98.29356	90.56628	89.88187	22.65633	15.25375	62.08992	33.34988	28.74004	28.19952	6
1740.145	1743.295	1382.295	90.22408	60.69721	91.2389	86.08219	34.44026	11.55257	54.00717	23.25002	30.75715	29.50846	6
1740.15	1743.3	1382.3	91.2271	81.55622	93.07974	89.89367	21.97652	17.70999	60.31349	28.70032	31.61317	28.75511	6
1740.155	1743.304	1382.304	89.36266	88.12862	89.65767	88.90245	34.17293	9.775745	56.05132	25.18784	30.86348	28.42145	6
1740.16	1743.309	1382.309	88.48944	30.75938	88.91425	88.53664	47.85368	5.904385	46.24194	29.81316	16.42878	30.18867	6
1740.165	1743.314	1382.314	90.51908	77.72696	93.78775	92.00591	12.58035	23.57491	63.84474	45.95964	17.8851	29.03083	6
1740.17	1743.319	1382.319	90.68429	51.88296	92.66673	92.60773	28.65086	15.77687	55.57226	24.30613	31.26613	28.39294	6
1740.175	1743.323	1382.323	92.07672	46.00679	93.77595	94.87337	30.98671	15.41874	53.59455	24.90183	28.69272	28.24611	6
1740.18	1743.328	1382.328	90.69609	48.86132	92.59593	93.82315	30.01141	15.19548	54.79311	26.75717	28.03595	28.2129	6
1740.185	1743.333	1382.333	92.46612	40.6319	94.03556	94.12996	32.93515	14.79696	52.2679	29.01568	23.25222	28.54821	6
1740.19	1743.338	1382.338	89.23286	81.87649	92.20652	93.06794	15.04579	20.84393	64.11028	50.96528	13.145	28.42012	6
1740.195	1743.342	1382.342	89.49246	51.20065	91.2861	92.92633	31.37569	13.72207	54.90224	35.48111	19.42114	28.1989	6
1740.2	1743.347	1382.347	90.55448	31.37206	90.54268	90.37748	49.18929	5.358322	45.45239	31.37145	14.08094	30.39465	6
1740.205	1743.352	1382.352	88.80805	84.61963	89.45706	90.08247	32.78879	10.62641	56.5848	39.77003	16.81477	28.13214	6

1740.21	1743.357	1382.357	86.11759	85.60827	88.92605	91.01469	18.28907	17.08301	64.62793	51.02853	13.59939	28.08676	6
1740.215	1743.361	1382.361	84.17055	48.87525	86.18839	87.16781	35.09701	10.05888	54.84411	30.94657	23.89754	28.55552	6
1740.22	1743.366	1382.366	83.25013	37.49887	84.01715	85.07917	48.39078	4.672806	46.93642	26.62614	20.31028	29.76812	6
1740.225	1743.371	1382.371	83.66314	50.46265	84.77237	85.84619	42.22147	6.838911	50.93962	27.27176	23.66785	28.94729	6
1740.23	1743.376	1382.376	87.08521	27.43141	87.72243	87.19142	48.3048	5.656766	46.03843	29.98631	16.05213	30.2843	6
1740.235	1743.38	1382.38	85.17357	24.49332	85.43318	85.45678	53.70099	3.128852	43.17016	22.84013	20.33003	30.9736	6
1740.24	1743.385	1382.385	87.73423	27.73775	88.25344	88.40684	48.54809	5.618702	45.8332	20.0632	25.77	30.20219	6
1740.245	1743.39	1382.39	89.97627	39.35084	89.18566	88.39504	53.8262	2.426115	43.74768	23.86087	19.88681	31.18035	6
1740.25	1743.395	1382.395	89.96447	37.74952	89.23286	88.87885	53.76732	2.547704	43.68498	27.39703	16.28795	31.10519	6
1740.255	1743.399	1382.399	88.57204	37.93054	89.35086	89.64587	43.29871	7.840902	48.86039	19.51778	29.34261	29.42948	6
1740.26	1743.404	1382.404	89.74027	17.72598	89.95267	90.68429	51.50313	4.907798	43.58907	21.05206	22.53701	30.70388	6
1740.265	1743.409	1382.409	90.15328	39.97745	91.61651	92.14752	36.04441	12.08572	51.86987	36.77256	15.09731	28.7237	6
1740.27	1743.414	1382.414	87.30942	45.21309	88.92605	89.51606	36.20486	10.73291	53.06223	33.33688	19.72536	28.70563	6
1740.275	1743.419	1382.419	91.97051	68.32788	92.46612	90.05887	35.0108	11.01935	53.96984	29.8229	24.14695	28.98642	6
1740.28	1743.423	1382.423	91.4631	65.30624	91.93511	87.07341	36.39176	10.34699	53.26125	29.28746	23.97379	29.55084	6
1740.285	1743.428	1382.428	96.1832	79.45361	95.61679	92.48972	36.67337	9.180392	54.14624	22.65662	31.48961	29.30313	6
1740.29	1743.433	1382.433	96.96202	59.12373	96.63161	92.48972	39.04765	9.627901	51.32444	20.51531	30.80914	29.80509	6
1740.295	1743.438	1382.438	92.56053	42.01043	93.11514	93.23314	40.37955	9.958729	49.66172	35.38305	14.27867	29.15495	6
1740.3	1743.442	1382.442	88.37144	34.2823	89.45706	89.51606	41.98839	8.686398	49.32521	31.21534	18.10988	29.37197	6
1740.305	1743.447	1382.447	86.5424	25.56551	86.99081	88.12363	50.71896	4.540423	44.74061	17.88408	26.85653	30.33034	6
1740.31	1743.452	1382.452	88.32424	18.32474	88.53664	88.60744	52.66098	4.14771	43.19131	12.98322	30.20809	30.97359	6
1740.315	1743.457	1382.457	88.37144	16.93228	88.53664	89.12666	53.32034	3.898021	42.78164	30.14803	12.63361	31.00762	6
1740.32	1743.461	1382.461	85.85799	17.62851	85.52758	85.27978	59.3052	1.016999	39.6778	20.60905	19.06875	32.17681	6
1740.325	1743.466	1382.466	83.02593	20.53874	82.22351	81.4565	64.8645	0	35.1355	25.18943	9.946078	31.66447	6
1740.33	1743.471	1382.471	84.12335	14.77397	83.88735	83.61594	60.86025	0.460723	38.67902	11.46335	27.21568	32.45663	6
1740.335	1743.476	1382.476	83.00233	15.3588	82.84893	82.91973	61.1099	0.331574	38.55853	15.62193	22.93659	32.38049	6
1740.34	1743.48	1382.48	84.11155	16.59809	83.88735	83.88735	60.33822	0.615355	39.04642	28.44287	10.60355	32.27025	6
1740.345	1743.485	1382.485	86.6722	15.16386	86.3064	85.91699	59.42693	1.054147	39.51893	27.70162	11.8173	32.30132	6
1740.35	1743.49	1382.49	84.84317	26.56808	84.94937	85.27978	54.69174	2.619374	42.68888	25.1971	17.49179	31.03885	6
1740.355	1743.495	1382.495	83.30914	29.75681	82.68372	82.84893	61.0014	0.047367	38.95124	9.854582	29.09665	32.12334	6
1740.36	1743.499	1382.499	80.33547	38.01408	79.24985	78.17603	65.30553	0	34.69447	19.93471	14.75977	31.06086	6
1740.365	1743.504	1382.504	81.31489	78.21432	79.04925	77.52702	63.82119	0	36.17881	21.98632	14.19248	30.16167	6
1740.37	1743.509	1382.509	85.78719	63.87201	85.33878	80.18207	49.09393	3.723436	47.18263	24.78892	22.39371	30.71789	6
1740.375	1743.514	1382.514	96.3248	67.35316	97.29242	97.33962	27.58266	17.23327	55.18407	26.56707	28.617	28.10492	6
1740.38	1743.518	1382.518	99.74687	58.58068	100.1009	100.4785	31.3128	16.23531	52.45189	29.73519	22.7167	28.19773	6
1740.385	1743.523	1382.523	92.59593	39.26729	92.90273	93.37474	42.93131	8.60919	48.4595	28.76976	19.68974	29.39827	6
1740.39	1743.528	1382.528	88.13543	27.34786	88.72545	88.57204	47.72462	6.104392	46.17098	16.4688	29.70219	30.15703	6
1740.395	1743.533	1382.533	87.12061	44.25229	88.08823	88.78445	41.64093	8.043616	50.31546	17.0596	33.25586	29.10118	6
1740.4	1743.537	1382.537	85.16177	33.01516	86.212	84.87857	45.52228	6.348771	48.12895	17.24222	30.88672	29.98117	6
1740.405	1743.542	1382.542	81.17329	35.04815	81.5391	79.61566	54.00391	2.410244	43.58584	20.69749	22.88835	31.05942	6
1740.41	1743.547	1382.547	80.15847	66.68478	80.18207	78.06983	49.93359	3.274835	46.79158	14.06426	32.72732	29.93053	6
1740.415	1743.552	1382.552	84.07615	26.95797	84.94937	85.48038	49.35867	4.728897	45.91243	25.40294	20.50949	30.1664	6
1740.42	1743.557	1382.557	83.88735	17.61458	83.71034	82.50672	59.93269	0.742649	39.32466	19.44437	19.88029	32.38298	6
1740.425	1743.561	1382.561	79.53306	26.42884	78.88404	78.12883	65.46366	0	34.53634	5.912137	28.6242	31.31425	6
1740.43	1743.566	1382.566	77.24381	34.25445	76.32339	75.07257	67.77936	0	32.22064	10.45516	21.76547	30.83293	6
1740.435	1743.571	1382.571	78.44744	31.12142	79.16725	79.81626	54.71841	1.963711	43.31788	15.61905	27.69883	30.65336	6
1740.44	1743.576	1382.576	78.77784	26.94405	78.75424	78.88404	61.18683	0.029241	38.78393	21.79674	16.98719	31.96477	6
1740.445	1743.58	1382.58	80.11127	21.0818	79.72186	79.30885	64.21375	0	35.78625	16.16975	19.61651	31.69338	6
1740.45	1743.585	1382.585	76.9252	52.78805	76.16999	75.42657	62.30702	0	37.69298	6.414196	31.27878	31.2827	6
1740.455	1743.59	1382.59	81.09069	27.6542	80.27647	79.99327	65.01443	0	34.98557	21.9824	13.00317	31.28775	6
1740.46	1743.595	1382.595	82.32972	31.27459	80.92549	80.48888	67.57098	0	32.42902	9.040783	23.38823	30.53437	6
1740.465	1743.599	1382.599	80.70128	53.55391	80.79568	80.73668	52.06316	2.759165	45.17767	28.22138	16.9563	30.08863	6
1740.47	1743.604	1382.604	80.04047	72.67234	81.17329	82.29431	39.99668	6.506622	53.4967	24.57994	28.91676	28.33828	6
1740.475	1743.609	1382.609	83.81655	53.79062	83.40354	83.40354	53.07226	2.452523	44.47521	24.19781	20.2774	30.37782	6
1740.48	1743.614	1382.614	82.73092	62.02005	82.17631	79.88707	53.17694	2.25053	44.57253	26.07531	18.49723	30.62191	6
1740.485	1743.618	1382.618	82.50672	50.90824	82.91973	82.77812	48.57321	4.17214	47.25465	27.53731	19.71734	29.77515	6
1740.49	1743.623	1382.623	82.76632	43.79278	82.95513	83.33274	51.7939	3.150979	45.05512	24.40013	20.65499	30.22791	6
1740.495	1743.628	1382.628	82.27071	44.69788	82.27071	82.89613	53.49406	2.478943	44.027	30.04986	13.97714	30.39574	6
1740.5	1743.633	1382.633	81.4093	29.08843	82.05831	84.09975	53.03419	2.884571	44.08124	24.84408	19.23716	30.29038	6
1740.505	1743.637	1382.637	81.06709	33.3215	80.78388	79.29705	59.54932	0.531871	39.91881	28.75083	11.16798	31.95325	6
1740.51	1743.642	1382.642	81.90491	57.66165	81.94031	83.12033	50.41901	3.316426	46.26456	14.61961	31.64495	29.62511	6
1740.515	1743.647	1382.647	80.68948	61.33774	80.48888	78.12883	52.47663	2.51715	45.00622	22.12973	22.87649	30.43153	6
1740.52	1743.652	1382.652	79.83986	41.94081	79.96967	77.57422	55.39168	1.762607	42.84572	15.03636	27.80936	31.18019	6
1740.525	1743.656	1382.656	80.32367	35.49374	80.50068	79.35605	56.14096	1.618297	42.24075	28.85195	13.3888	31.20977	6
1740.53	1743.661	1382.661	80.54788	56.0464	80.34727	78.75424	53.8874	2.114995	43.9976	17.41614	26.58146	30.58108	6
1740.535	1743.666	1382.666	81.7043	56.90973	80.58328	78.05803	59.74782	0.1198	40.13238	11.21251	28.91988	31.80337	6
1740.54	1743.671	1382.671	81.00809	38.16725	81.10249	80.86649	55.50447	1.831006	42.66452	28.74806	13.91646	30.92245	6
1740.545	1743.675	1382.675	79.35605	57.98192	80.20567	80.46528	46.37627	4.469849	49.15388	22.62229	26.53159	29.22526	6
1740.55	1743.68	1382.68	77.69222	61.11495	77.18481	74.37635	57.66577	0.94155	41.39268	17.27457	24.11811	31.141	6
1740.555	1743.685	1382.685	78.64804	99.82526	76.9134	72.50011	56.92952	1.072051	41.99843	23.42814	18.57029	30.60924	6
1740.56	1743.69	1382.69	80.94909	142.5737	78.70704	74.55336	48.39986	3.034898	48.56524	32.07937	16.48586	28.77689	6
1740.565	1743.695	1382.695	82.97873	57.1186	82.73092	81.6925	51.75736	2.869926	45.37272	31.99732	13.3754	30.27779	6
1740.57	1743.699	1382.699	82.38872	41.74587	82.03471	81.17329	56.84344	1.332926	41.82364	25.02591	16.79773	31.27183	6

1740.575	1743.704	1382.704	81.22049	38.2508	82.37692	83.26193	47.05817	4.833267	48.10856	22.59789	25.51067	29.578	6
1740.58	1743.709	1382.709	80.54788	33.12656	80.97269	82.96693	54.58706	2.187873	43.22507	16.47655	26.74852	30.43224	6
1740.585	1743.714	1382.714	79.12005	37.20646	79.79266	82.56572	52.99283	2.526181	44.48098	25.34607	19.13491	29.9206	6
1740.59	1743.718	1382.718	79.59206	26.05287	79.76906	80.68948	59.09873	0.721609	40.17966	19.93271	20.24695	31.47992	6
1740.595	1743.723	1382.723	79.28525	22.29324	79.12005	78.43564	62.94293	0	37.05707	9.813691	27.24338	31.93637	6
1740.6	1743.728	1382.728	79.86346	25.96933	80.08767	82.56572	58.50345	0.929772	40.56678	20.80966	19.75712	31.09834	6
1740.605	1743.733	1382.733	81.06709	25.31487	82.19991	84.51276	50.5127	3.815703	45.6716	25.57153	20.10006	29.93923	6
1740.61	1743.737	1382.737	82.53032	21.04003	83.26193	84.27676	53.3104	3.098795	43.5908	27.10365	16.48715	30.68914	6
1740.615	1743.742	1382.742	82.74272	33.2658	83.35634	84.71336	51.07087	3.676582	45.25255	28.31237	16.94018	30.11117	6
1740.62	1743.747	1382.747	83.63954	29.33907	84.83137	87.49822	46.71493	5.66261	47.62246	32.93765	14.68482	29.40074	6
1740.625	1743.752	1382.752	82.67192	22.39071	83.61594	85.38598	51.20713	3.893143	44.89973	30.42142	14.47831	30.22238	6
1740.63	1743.756	1382.756	82.50672	18.65893	83.00233	84.71336	55.73738	2.235349	42.02727	24.58017	17.4471	30.99065	6
1740.635	1743.761	1382.761	82.62472	19.18806	82.90793	83.19113	57.1469	1.705299	41.1478	19.27387	21.87393	31.49622	6
1740.64	1743.766	1382.766	81.7397	25.14778	82.19991	84.73696	55.14709	2.236512	42.6164	20.52193	22.09447	30.60496	6
1740.645	1743.771	1382.771	81.5037	25.67691	81.6453	84.02895	57.70536	1.298209	40.99643	29.3629	11.63353	31.05244	6
1740.65	1743.775	1382.775	81.6689	25.23133	82.44772	84.78417	52.72281	3.107222	44.16997	31.0899	13.08008	30.26143	6
1740.655	1743.78	1382.78	81.22049	33.57214	81.5037	82.24711	54.95784	2.105992	42.93616	29.92815	13.00802	30.7417	6
1740.66	1743.785	1382.785	82.07011	35.82792	81.3857	79.79266	61.12935	0	38.87065	16.35956	22.51109	32.20565	6
1740.665	1743.79	1382.79	80.61868	26.72125	81.17329	79.02565	55.06603	2.127545	42.80642	24.51635	18.29007	31.38659	6
1740.67	1743.794	1382.794	82.47132	47.03721	83.49794	83.81655	44.78707	5.69923	49.5137	18.49314	31.02056	29.33879	6
1740.675	1743.799	1382.799	84.53636	37.35963	85.48038	89.66947	45.86937	5.917899	48.21273	23.91181	24.30093	28.92656	6
1740.68	1743.804	1382.804	84.77237	33.2658	85.33878	88.71365	49.56941	4.529261	45.90133	29.70927	16.19206	29.59547	6
1740.685	1743.809	1382.809	80.74848	36.7191	81.3621	82.15271	52.06988	3.014646	44.91548	22.6389	22.27658	30.22705	6
1740.69	1743.813	1382.813	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1741.02	1744.129	1383.129	115.6654	71.16849	113.801	107.8064	30.81445	9.890864	59.29468	31.88811	27.40657	30.06694	-9999
1741.025	1744.135	1383.135	109.5647	111.2991	110.5323	111.4645	4.767061	39.61748	55.61546	49.78785	5.827612	-9999	-9999
1741.03	1744.14	1383.14	108.9393	99.25435	110.8627	112.8687	0.849669	48.5145	50.63583	50.63583	0	-9999	-9999
1741.035	1744.145	1383.145	105.6352	95.258	107.4406	108.7977	5.771048	39.48943	54.73953	54.73953	0	-9999	-9999
1741.04	1744.15	1383.15	105.5054	50.71329	105.7532	106.5556	28.74193	21.50406	49.75401	19.08352	30.67048	27.62354	-9999
1741.045	1744.156	1383.156	100.2661	49.55755	100.1599	99.00346	36.58534	12.96283	50.45183	30.56177	19.89006	28.9927	-9999
1741.05	1744.161	1383.161	92.59593	58.39966	91.3569	88.25344	50.28148	2.794111	46.92441	18.95481	27.9696	30.97521	-9999
1741.055	1744.166	1383.166	96.0888	36.41276	96.1714	97.69363	42.14626	9.8118	48.04194	30.89946	17.14249	29.15829	-9999
1741.06	1744.171	1383.171	97.15082	54.91851	97.95324	98.17744	31.11224	16.24608	52.64168	20.06233	32.57935	28.24197	-9999
1741.065	1744.177	1383.177	97.79983	57.61988	98.67305	99.15686	29.3127	17.55641	53.13088	34.77352	18.35736	28.05905	-9999
1741.07	1744.182	1383.182	97.35142	57.71735	98.75565	100.1245	25.58632	20.43702	53.97667	31.24267	22.734	27.72104	-9999
1741.075	1744.187	1383.187	95.25098	58.99841	97.00922	99.85308	24.46515	20.13518	55.39966	37.70768	17.69199	27.5295	-9999
1741.08	1744.192	1383.192	93.13874	46.522	93.97655	94.80257	36.56095	12.12434	51.3147	22.16699	29.14771	28.62849	-9999
1741.085	1744.198	1383.198	91.1799	33.21011	91.56931	92.21832	45.05974	7.614601	47.32566	21.58196	25.74371	29.64873	-9999
1741.09	1744.203	1383.203	88.57204	24.99461	88.59564	89.25646	52.28212	4.003312	43.71457	23.42161	20.29295	30.72834	-9999
1741.095	1744.208	1383.208	88.84345	35.45196	89.76387	89.78747	42.55141	8.431212	49.01738	22.31329	26.70409	29.4205	-9999
1741.1	1744.213	1383.213	90.62529	42.58134	90.92029	91.56931	44.03376	7.472034	48.49421	18.22494	30.26927	29.43221	-9999
1741.105	1744.219	1383.219	90.05887	42.28893	90.54268	90.56628	43.16239	7.898307	48.9393	16.33578	32.60352	29.43753	-9999
1741.11	1744.224	1383.224	90.33028	38.48752	90.84949	90.48368	43.55828	7.972406	48.46931	27.99388	20.47543	29.59283	-9999
1741.115	1744.229	1383.229	88.97325	37.13683	89.57506	88.94965	44.49345	7.337288	48.16926	34.94574	13.22353	29.74101	-9999
1741.12	1744.234	1383.234	89.74027	20.60837	90.34208	90.37748	47.78768	6.723235	45.48908	16.689	28.80009	30.22043	-9999
1741.125	1744.24	1383.24	88.63104	34.63041	90.36568	91.2389	36.63545	11.5849	51.77965	35.77925	16.0004	28.76291	-9999
1741.13	1744.245	1383.245	88.22984	40.7433	89.90547	90.89669	35.98251	11.41199	52.60551	20.47032	32.13519	28.64753	-9999
1741.135	1744.25	1383.25	86.4834	45.22701	87.97023	88.60744	37.9674	9.613264	52.41934	32.44236	19.97698	28.80127	-9999
1741.14	1744.255	1383.255	86.16479	39.58756	87.42742	89.57506	41.36285	8.18335	50.4538	22.18504	28.26876	28.84832	-9999
1741.145	1744.261	1383.261	87.09701	25.18955	87.79323	88.32424	48.37922	5.730399	45.89039	30.00581	15.88457	30.11748	-9999
1741.15	1744.266	1383.266	86.271	35.9811	87.68703	88.01743	40.94903	8.574298	50.47667	19.48487	30.9918	29.19234	-9999
1741.155	1744.271	1383.271	86.15299	40.70153	87.79323	88.32424	38.17767	9.634668	52.18767	29.23642	22.95125	28.88854	-9999
1741.16	1744.276	1383.276	84.63076	26.7491	85.62198	86.3182	47.98446	5.412105	46.60344	32.8732	13.73024	29.96699	-9999
1741.165	1744.281	1383.281	84.80777	20.10708	84.77237	84.47736	57.3853	1.71555	40.89915	13.75764	27.14151	31.71964	-9999
1741.17	1744.287	1383.287	84.09975	27.93269	84.00535	82.42412	56.60013	1.772152	41.62772	19.34945	22.27826	31.66442	-9999
1741.175	1744.292	1383.292	84.30036	31.02395	84.05255	83.12033	56.85637	1.587718	41.55592	29.11252	12.44339	31.55314	-9999
1741.18	1744.297	1383.297	86.212	34.00381	85.86979	84.73696	55.10815	2.222437	42.66942	16.09258	26.57684	31.32991	10
1741.185	1744.302	1383.302	87.15601	48.0537	86.75481	85.82259	51.29684	3.346373	45.35679	22.68209	22.6747	30.52782	10
1741.19	1744.308	1383.308	84.31216	78.75738	84.61896	86.2238	40.99578	6.541063	52.46316	31.10925	21.3539	28.34686	10
1741.195	1744.313	1383.313	86.6014	85.24623	87.69883	92.98533	31.1921	10.95259	57.85531	26.04038	31.81493	27.18355	10
1741.2	1744.318	1383.318	87.52182	78.84093	88.06463	91.4277	36.19363	9.032544	54.77382	33.68688	21.08695	27.81052	10
1741.205	1744.323	1383.323	89.25646	74.51039	89.91727	91.69911	34.73124	10.2854	54.98336	30.1408	24.84256	28.10347	10
1741.21	1744.329	1383.329	89.92907	83.72845	91.3923	93.82315	25.66294	14.84508	59.49198	31.06545	28.42653	27.68136	10
1741.215	1744.334	1383.334	90.50728	87.91975	91.0973	92.53693	30.88413	11.73646	57.37941	29.49193	27.88748	27.90225	10
1741.22	1744.339	1383.339	88.01743	128.7884	88.56024	89.04405	23.65039	12.69782	63.65179	47.14142	16.51037	27.63302	10
1741.225	1744.344	1383.344	86.86101	135.0544	87.72243	89.30366	20.72871	13.61176	65.65953	33.9537	31.70582	27.45811	10
1741.23	1744.35	1383.35	89.04405	161.0377	89.71667	89.04405	13.8956	16.03401	70.0704	41.26165	28.80875	28.11942	10
1741.235	1744.355	1383.355	84.50096	179.2928	85.12637	83.28553	14.02331	14.43825	71.53844	53.42253	18.11591	27.99997	10
1741.24	1744.36	1383.36	91.2271	80.42833	91.1563	91.64011	37.15613	8.79541	54.04846	34.31549	19.73297	28.48797	9
1741.245	1744.365	1383.365	93.24494	38.00016	93.13874	92.97353	45.84168	6.966871	47.19144	22.64732	24.54412	29.9186	9
1741.25	1744.371	1383.371	91.0737	30.56444	91.4985	92.56053	45.52334	7.522704	46.95396	21.47642	25.47754	29.6512	9
1741.255	1744.376	1383.376	90.21228	36.42668	90.89669	91.94691	42.88524	8.465566	48.6492	32.72582	15.92338	29.26909	9
1741.26	1744.381	1383.381	90.20048	37.97231	90.82589	91.73451	42.97931	8.307201	48.71349	18.31137	30.40212	29.2923	9

1741.265	1744.386	1383.386	91.00289	28.47575	91.4749	91.5221	45.72813	7.543857	46.72801	20.81483	25.91319	29.88133	9
1741.27	1744.392	1383.392	91.84071	22.6692	91.85251	91.74631	49.92915	5.624448	44.4464	18.87407	25.57233	30.60281	9
1741.275	1744.397	1383.397	90.95569	19.48048	90.63709	90.34208	54.07569	3.464632	42.45968	23.30647	19.15321	31.36617	9
1741.28	1744.402	1383.402	90.12968	24.86929	89.94087	89.43346	52.52556	3.950726	43.52371	25.18942	18.33429	31.042	9
1741.285	1744.407	1383.407	90.22408	16.59809	90.54268	91.4159	50.50791	5.568101	43.92399	15.35191	28.57208	30.52676	9
1741.29	1744.413	1383.413	89.22106	17.86523	89.48066	91.66371	51.5813	4.806879	43.61182	22.19128	21.42054	30.42477	9
1741.295	1744.418	1383.418	89.12666	19.5501	89.26826	90.43648	52.17493	4.394545	43.43052	31.05402	12.3765	30.69139	9
1741.3	1744.423	1383.423	89.11485	18.29689	89.28006	88.18264	52.30616	4.39743	43.29641	15.768	27.52841	31.14452	9
1741.305	1744.428	1383.428	89.56326	21.94513	89.62227	89.16206	51.83382	4.465039	43.70114	21.72251	21.97863	30.92363	9
1741.31	1744.433	1383.433	89.94087	20.76154	89.76387	89.23286	53.60188	3.625109	42.77301	24.93795	17.83506	31.27005	9
1741.315	1744.439	1383.439	89.69307	21.05395	89.77567	89.69307	51.74716	4.57277	43.68007	14.66074	29.01934	30.85216	9
1741.32	1744.444	1383.444	90.21228	24.50725	90.51908	91.62831	48.6962	6.044574	45.25922	23.73404	21.52518	30.1271	9
1741.325	1744.449	1383.449	89.84647	23.49075	90.05887	88.48944	50.01035	5.359274	44.63037	27.34857	17.28181	30.82455	9
1741.33	1744.454	1383.454	89.24466	23.39328	89.33906	89.25646	51.50213	4.530589	43.96728	20.48538	23.48191	30.77372	9
1741.335	1744.46	1383.46	88.59564	29.11628	88.20624	87.01441	54.46378	2.71741	42.81881	30.93975	11.87906	31.40081	9
1741.34	1744.465	1383.465	88.72545	33.96203	88.79625	87.42742	49.60507	4.87146	45.52347	15.8137	29.70978	30.5847	9
1741.345	1744.47	1383.47	88.52484	39.60148	88.27704	89.58686	50.89408	3.929117	45.17681	27.89218	17.28463	30.21617	9
1741.35	1744.475	1383.475	87.29762	51.85511	87.54542	87.49822	45.21677	5.99434	48.78889	20.04641	28.74248	29.51115	9
1741.355	1744.481	1383.481	85.90519	52.71843	85.62198	84.51276	50.40421	3.560561	46.03523	24.50882	21.52641	30.30408	9
1741.36	1744.486	1383.486	86.6132	44.78142	86.2592	84.40656	52.2223	3.070103	44.70759	29.39783	15.30976	30.85563	9
1741.365	1744.491	1383.491	85.53938	51.47914	84.90217	82.29431	53.78422	2.188207	44.02757	31.837	12.19057	31.0944	9
1741.37	1744.496	1383.496	85.16177	54.26406	84.58356	81.24409	53.00041	2.436297	44.56329	19.59563	24.96767	31.04216	9
1741.375	1744.502	1383.502	84.86677	50.62975	84.40656	81.32669	53.2368	2.45933	44.30387	14.3421	29.96178	31.06908	9
1741.38	1744.507	1383.507	85.92879	35.59121	85.50398	83.23833	55.62471	1.94498	42.43031	12.9338	29.49651	31.59212	9
1741.385	1744.512	1383.512	86.95541	33.33543	86.82561	86.4244	52.93982	3.222371	43.83781	26.73466	17.10315	30.86788	9
1741.39	1744.517	1383.517	83.75754	54.55647	83.37994	81.5863	52.66685	2.589081	44.74407	22.93553	21.80854	30.62431	9
1741.395	1744.523	1383.523	82.57752	53.76277	82.10551	80.57148	54.67617	1.87634	43.4475	24.94459	18.50291	30.83559	9
1741.4	1744.528	1383.528	79.40326	40.22809	79.58026	77.58602	55.84203	1.613013	42.54496	26.57121	15.97375	31.18063	9
1741.405	1744.533	1383.533	79.40326	43.13833	79.72186	79.46226	54.04033	2.158182	43.80149	16.60238	27.19911	30.52821	9
1741.41	1744.538	1383.538	80.51248	36.6634	80.93729	80.77208	53.76371	2.412547	43.82374	18.65665	25.16709	30.63409	9
1741.415	1744.544	1383.544	80.37088	47.3157	81.03169	81.7279	49.48709	3.694666	46.81824	20.44507	26.37318	29.70304	9
1741.42	1744.549	1383.549	78.69524	62.38208	78.87224	79.59206	51.13214	2.868498	45.99937	27.65842	18.34095	29.55482	9
1741.425	1744.554	1383.554	80.79568	51.56269	81.10249	81.89311	50.81205	3.218047	45.9699	25.23692	20.73298	29.79477	9
1741.43	1744.559	1383.559	83.54514	38.66854	83.75754	83.13213	52.13455	3.201832	44.66362	25.44608	19.21754	30.56727	9
1741.435	1744.565	1383.565	83.88735	40.33949	84.44196	86.16479	48.76325	4.524651	46.7121	14.29227	32.41984	29.65823	9
1741.44	1744.57	1383.57	84.34756	35.59121	84.80777	85.56298	50.22055	4.130724	45.64872	19.62743	26.02129	30.1147	9
1741.445	1744.575	1383.575	84.73696	32.04044	85.14997	85.65738	51.08739	3.929108	44.9835	25.61751	19.366	30.34734	9
1741.45	1744.58	1383.58	84.72516	33.66962	84.94937	85.49218	52.16722	3.424443	44.40834	30.30439	14.10395	30.47725	9
1741.455	1744.585	1383.585	83.82835	34.1152	84.22955	84.66616	51.51268	3.59884	44.88848	18.05841	26.83007	30.36032	9
1741.46	1744.591	1383.591	82.96693	28.94919	82.61292	80.39448	59.40828	0.660253	39.93147	12.01742	27.91405	32.23	9
1741.465	1744.596	1383.596	77.99903	46.39668	77.69222	77.78662	59.39065	0.468218	40.14113	10.37835	29.76279	31.20614	9
1741.47	1744.601	1383.601	75.36757	74.37114	74.55336	72.0163	58.9742	0.717753	40.30805	19.84878	20.45927	30.87803	9
1741.475	1744.606	1383.606	76.8898	20.76154	76.5476	76.39419	66.88919	0	33.11081	14.67983	18.43098	30.97754	9
1741.48	1744.612	1383.612	74.94276	21.15143	74.78936	75.42657	67.12289	0	32.87711	21.69589	11.18122	30.66117	9
1741.485	1744.617	1383.617	75.54458	27.84914	75.14337	74.44715	66.86886	0	33.13114	17.12193	16.00921	30.89822	9
1741.49	1744.622	1383.622	76.937	26.23389	76.5476	75.82778	65.88727	0	34.11273	6.125743	27.98699	31.13835	9
1741.495	1744.627	1383.627	77.05501	34.1152	76.19359	75.83958	67.5295	0	32.4705	19.88991	12.58058	30.69585	9
1741.5	1744.633	1383.633	78.86044	34.46332	78.35303	76.40599	63.0407	0	36.9593	8.16652	28.79278	31.78445	9
1741.505	1744.638	1383.638	75.99299	54.94636	74.83656	74.50615	65.75172	0	34.24828	23.88048	10.3678	30.65325	9
1741.51	1744.643	1383.643	79.29705	54.08304	77.63322	77.43261	66.85333	0	33.14667	23.17353	9.97314	30.26176	9
1741.515	1744.648	1383.648	79.68646	49.09804	78.81324	80.13487	61.57417	0	38.42583	8.14991	30.27592	31.11648	9
1741.52	1744.654	1383.654	81.25589	35.04815	80.64228	80.06407	61.51842	0	38.48158	6.992321	31.48926	31.92857	9
1741.525	1744.659	1383.659	83.60414	31.03787	83.04953	81.32669	59.87126	0.429866	39.69887	9.982179	29.71669	32.23017	9
1741.53	1744.664	1383.664	83.96995	38.34827	83.37994	81.5273	58.03996	0.935106	41.02493	22.5832	18.44174	31.80618	9
1741.535	1744.669	1383.669	85.23257	40.95217	84.26496	82.01111	59.17466	0.342095	40.48324	19.88834	20.59491	32.13563	9
1741.54	1744.675	1383.675	82.09371	45.39411	81.96391	81.7751	54.49438	2.100168	43.40545	31.03471	12.37074	30.67171	9
1741.545	1744.68	1383.68	87.86403	30.77331	88.45404	88.65465	47.14536	6.170383	46.68426	23.38158	23.30268	29.9607	9
1741.55	1744.685	1383.685	89.69307	25.71869	89.85827	90.79049	49.97813	5.225823	44.79605	31.48788	13.30817	30.32983	9
1741.555	1744.69	1383.69	90.77869	28.93526	90.43648	88.64285	52.13338	3.913677	43.95295	13.84934	30.10361	31.19639	9
1741.56	1744.696	1383.696	88.65465	25.03638	88.12363	87.26222	56.49426	1.933305	41.57244	23.66118	17.91126	31.76696	9
1741.565	1744.701	1383.701	87.66342	36.10642	87.68703	87.41562	50.42899	4.295172	45.27584	31.35508	13.92076	30.44143	9
1741.57	1744.706	1383.706	87.06161	35.60513	87.19142	88.11183	50.2809	4.349425	45.36967	18.94477	26.4249	30.1837	9
1741.575	1744.711	1383.711	90.58989	52.06398	90.05887	88.71365	48.17316	4.595177	47.23167	29.75124	17.48042	30.25812	9
1741.58	1744.717	1383.717	91.85251	50.68544	90.54268	89.10305	53.38097	1.722262	44.89677	30.70568	14.19109	31.21672	9
1741.585	1744.722	1383.722	92.05312	42.3307	91.01469	90.05887	53.11487	2.393618	44.49151	16.74166	27.74985	31.16499	9
1741.59	1744.727	1383.727	91.5221	39.68503	90.22408	89.45706	56.25559	0.925786	42.81862	13.84045	28.97817	31.72179	9
1741.595	1744.732	1383.732	93.96475	36.32921	93.31574	91.2389	49.79061	4.625111	45.58428	14.50876	31.07552	30.92901	9
1741.6	1744.737	1383.737	92.65493	24.60472	92.23012	91.69911	52.09539	4.218677	43.68593	21.83039	21.85554	31.06871	9
1741.605	1744.743	1383.743	89.43346	41.49523	88.97325	87.47462	51.24599	3.649018	45.10499	28.05372	17.05127	30.80819	9
1741.61	1744.748	1383.748	89.75207	27.91877	88.74905	87.61622	58.44517	0.739042	40.81579	16.62646	24.18933	32.23983	9
1741.615	1744.753	1383.753	86.71941	26.02503	85.89339	85.06737	60.32172	0.239767	39.43851	27.27539	12.16312	32.4138	9
1741.62	1744.758	1383.758	84.65436	39.65718	83.74574	82.70732	59.56274	0.273787	40.16347	18.44862	21.71485	31.96965	9
1741.625	1744.764	1383.764	84.38296	44.67003	83.81655	82.43592	55.94722	1.565784	42.48699	24.11837	18.36862	31.26568	9

1741.63	1744.769	1383.769	84.70156	62.42386	83.28553	81.6689	57.94221	0.30596	41.75183	25.10024	16.65159	31.41163	9
1741.635	1744.774	1383.774	81.22049	54.44508	80.80748	79.72186	55.30225	1.66629	43.03146	26.43433	16.59712	30.76206	9
1741.64	1744.779	1383.779	83.35634	24.86929	83.17933	82.17631	58.66558	1.034427	40.29999	15.05145	25.24854	31.94713	6
1741.645	1744.785	1383.785	85.43318	23.5743	85.69278	85.96419	53.68455	3.190615	43.12483	21.27618	21.84866	30.93479	6
1741.65	1744.79	1383.79	84.47736	23.50468	84.58356	85.13817	55.76963	2.25263	41.97774	24.70106	17.27668	31.20155	6
1741.655	1744.795	1383.795	84.79597	28.19726	84.61896	83.48614	56.53575	1.808065	41.65618	29.46094	12.19525	31.59411	6
1741.66	1744.8	1383.8	83.22653	22.54388	83.00233	82.82533	59.71356	0.692267	39.59418	17.69433	21.89985	32.02825	6
1741.665	1744.806	1383.806	83.33274	17.71206	83.53334	83.99355	57.49288	1.66121	40.84591	14.95537	25.89054	31.56932	6
1741.67	1744.811	1383.811	83.02593	25.76046	82.82533	83.09673	58.9368	0.905901	40.1573	11.43806	28.71924	31.73255	6
1741.675	1744.816	1383.816	82.38872	35.11777	82.54212	82.95513	54.51501	2.311314	43.17368	18.6441	24.52959	30.74734	6
1741.68	1744.821	1383.821	82.05831	41.38383	82.12911	83.43894	53.94276	2.373431	43.68381	21.38656	22.29725	30.37302	6
1741.685	1744.827	1383.827	76.18179	38.90526	76.32339	79.15545	59.40026	0.423677	40.17606	21.15411	19.02195	30.74976	6
1741.69	1744.832	1383.832	72.91312	36.06464	72.67712	73.05472	66.02132	0	33.97868	8.841262	25.13742	30.56139	6
1741.695	1744.837	1383.837	74.97816	38.80778	73.69194	71.7803	71.59686	0	28.40314	20.58595	7.817191	30.53827	6
1741.7	1744.842	1383.842	75.13157	54.04127	75.34397	75.39117	56.15484	1.289109	42.55605	29.32145	13.2346	30.36029	6
1741.705	1744.848	1383.848	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1742.02	1745.178	1384.178	117.4354	25.03638	117.5534	117.0814	24.98608	38.91278	36.10114	20.19338	15.90776	25.43676	6
1742.025	1745.183	1384.183	107.3108	42.40032	107.1338	106.6264	32.38494	19.22847	48.3866	22.47128	25.91531	28.16204	6
1742.03	1745.188	1384.188	98.40165	51.74371	96.59621	94.43676	50.94065	1.351521	47.70783	22.39472	25.31311	31.39805	6
1742.035	1745.193	1384.193	98.87366	123.9705	95.86459	94.34236	42.35561	0	57.64439	29.695	27.94939	29.08223	6
1742.04	1745.199	1384.199	103.0273	108.4446	101.9889	96.53721	27.01903	12.36549	60.61548	32.78183	27.83365	29.29428	6
1742.045	1745.204	1384.204	98.34264	24.17306	97.87063	97.51663	47.33296	7.373093	45.29395	31.67604	13.61791	30.37475	6
1742.05	1745.209	1384.209	97.58743	14.28661	97.71723	98.87366	45.75623	9.7995	44.44426	29.13733	15.30693	29.79538	6
1742.055	1745.214	1384.214	98.64945	27.7099	98.62585	100.4431	42.71961	10.64433	46.63606	15.16451	31.47155	29.2049	6
1742.06	1745.22	1384.22	99.14506	35.38234	97.82343	95.85279	50.46663	3.389481	46.14389	26.656	19.48789	31.32835	6
1742.065	1745.225	1384.225	98.88546	17.43356	98.60225	97.97684	47.0013	8.489936	44.50876	32.30772	12.20104	30.36739	6
1742.07	1745.23	1384.23	100.1835	15.69299	100.3841	99.99468	42.47881	12.71864	44.80255	13.81584	30.98671	29.53003	6
1742.075	1745.235	1384.235	102.5081	21.86158	102.0597	101.6467	43.87719	10.57701	45.5458	22.37795	23.16785	29.83821	6
1742.08	1745.241	1384.241	105.3874	32.33286	105.175	105.3048	36.86518	16.00205	47.13276	22.14415	24.98861	28.62321	9
1742.085	1745.246	1384.246	109.3641	41.25851	109.1045	109.7063	31.41244	20.89688	47.69068	33.93764	13.75304	27.73111	9
1742.09	1745.251	1384.251	110.3907	38.05586	109.9541	109.2461	32.61477	20.06381	47.32142	20.10136	27.22007	28.09237	9
1742.095	1745.256	1384.256	110.6503	47.92838	110.7801	108.6915	25.59709	27.58512	46.81779	24.08785	22.72994	27.40592	9
1742.1	1745.262	1384.262	111.4291	35.52158	111.4999	110.6739	28.34028	27.31692	44.3428	26.17502	18.16778	27.19848	9
1742.105	1745.267	1384.267	111.9011	29.79858	111.9601	112.2669	29.38245	27.57054	43.04701	20.33649	22.71052	26.96693	9
1742.11	1745.272	1384.272	118.4739	88.21217	118.7217	121.1171	7.736217	47.83467	44.42911	39.21678	5.212334	-9999	9
1742.115	1745.277	1384.277	120.0669	84.57785	120.4091	122.4977	6.418515	53.50492	40.07657	35.37175	4.704813	-9999	9
1742.12	1745.283	1384.283	120.3147	51.31205	120.9283	121.5773	12.13747	57.18403	30.6785	17.73112	12.94738	23.31074	9
1742.125	1745.288	1384.288	115.0754	24.03381	115.2878	115.8896	26.66833	35.18941	38.14226	8.204714	29.93755	25.8481	9
1742.13	1745.293	1384.293	114.9338	24.75789	114.9574	115.335	28.0866	32.21515	39.69825	22.47126	17.22699	26.26037	9
1742.135	1745.298	1384.298	115.925	39.00273	115.7834	116.0666	25.00776	32.6472	42.34505	24.39977	17.94528	26.16149	9
1742.14	1745.304	1384.304	117.518	74.76103	117.4118	116.6448	14.6143	38.7881	46.5976	21.68364	24.91395	25.96655	9
1742.145	1745.309	1384.309	121.1879	80.45618	121.0699	121.6717	9.951243	47.34904	42.69972	21.95568	20.74404	24.76658	9
1742.15	1745.314	1384.314	127.1352	78.36749	127.4184	128.4805	1.875804	75.1535	22.9707	22.9707	0	-9999	9
1742.155	1745.319	1384.319	125.7782	104.7128	126.1204	127.5482	0	73.3054	26.6946	26.6946	0	-9999	9
1742.16	1745.325	1384.325	122.6393	198.5783	125.0702	128.7991	0	100	0	0	0	-9999	9
1742.165	1745.33	1384.33	120.1377	153.6298	120.4445	121.6835	0	57.69294	42.30706	42.30706	0	-9999	9
1742.17	1745.335	1384.335	114.1904	77.89406	113.2346	112.6917	23.5021	21.14238	55.35552	32.21668	23.13884	27.73039	9
1742.175	1745.34	1384.34	111.6061	49.97529	110.9335	112.1371	30.44111	19.67203	49.88686	19.47185	30.41501	27.66882	9
1742.18	1745.345	1384.345	112.1253	38.65461	112.0427	111.3465	28.13045	26.77898	45.09057	13.05018	32.04039	27.20084	9
1742.185	1745.351	1384.351	109.9187	38.00016	109.8125	109.3641	30.50184	23.11149	46.38667	33.32894	13.05773	27.66288	9
1742.19	1745.356	1384.356	109.8951	50.26771	109.7535	109.2933	27.82916	23.51281	48.65803	29.5272	19.13083	27.5552	9
1742.195	1745.361	1384.361	109.2815	49.46008	109.4703	108.007	26.02848	26.19289	47.77863	29.18027	18.59836	27.47661	9
1742.2	1745.366	1384.366	109.2579	85.3437	109.9777	111.0515	13.25102	34.45758	52.2914	46.17396	6.117431	26.69627	9
1742.205	1745.372	1384.372	109.4231	89.60462	110.8155	112.3495	6.855133	42.78749	50.35737	35.60739	14.74999	-9999	9
1742.21	1745.377	1384.377	104.1838	111.6194	106.4022	109.0337	0	41.55484	58.44516	58.44516	0	-9999	9
1742.215	1745.382	1384.382	99.21586	66.89365	99.93568	100.0537	26.95458	18.72641	54.31901	40.47037	13.84864	27.96181	9
1742.22	1745.387	1384.387	90.70789	75.42941	91.1209	90.89669	35.09401	10.25556	54.65042	35.18934	19.46109	28.49954	9
1742.225	1745.393	1384.393	90.47188	51.4513	91.3923	93.33934	37.18141	10.702	52.11659	26.77525	25.34134	28.43433	9
1742.23	1745.398	1384.398	91.3097	38.26472	91.1563	91.2625	47.92389	5.634055	46.44206	19.43767	27.00439	30.10043	9
1742.235	1745.403	1384.403	95.25098	26.55416	95.32178	95.28638	45.39428	8.452803	46.15292	31.3029	14.85002	29.91494	5
1742.24	1745.408	1384.408	94.41316	34.61649	93.98835	94.03556	48.05497	5.864652	46.08038	14.27443	31.80595	30.2673	5
1742.245	1745.414	1384.414	93.32754	37.5685	93.41014	93.25674	44.40692	7.90983	47.68325	31.9531	15.73015	29.71106	5
1742.25	1745.419	1384.419	93.22134	40.6876	92.83193	91.86431	47.40788	5.775918	46.8162	33.36155	13.45465	30.27298	5
1742.255	1745.424	1384.424	93.89395	35.52158	93.31574	91.0737	49.50248	4.879324	45.61819	21.74477	23.87343	30.90543	5
1742.26	1745.429	1384.429	93.53995	35.31272	92.97353	92.24192	49.78726	4.737884	45.47485	24.05381	21.42105	30.66049	5
1742.265	1745.435	1384.435	90.15328	29.58972	90.34208	91.4513	48.43504	5.853705	45.71125	16.83993	28.87133	30.0315	6
1742.27	1745.44	1384.44	88.71365	27.89092	89.00865	89.78747	49.34755	5.332065	45.32039	29.82124	15.49915	30.20626	6
1742.275	1745.445	1384.445	90.55448	28.82386	90.60169	92.10032	49.34869	5.437174	45.21413	31.3029	13.91123	30.11637	6
1742.28	1745.45	1384.45	90.15328	31.7341	90.15328	90.34208	49.37933	5.20863	45.41204	33.66993	11.7421	30.3237	6
1742.285	1745.456	1384.456	90.57808	15.83224	90.46008	89.71667	53.75128	3.872446	42.37628	17.17026	25.20601	31.39758	6
1742.29	1745.461	1384.461	91.72271	23.6857	92.02951	93.66975	47.50542	6.961098	45.53348	23.24654	22.28695	29.87872	6
1742.295	1745.466	1384.466	90.57808	15.38665	90.68429	90.55448	52.12153	4.795625	43.08285	32.11067	10.97218	30.99493	6
1742.3	1745.471	1384.471	88.81985	17.75383	88.77265	89.45706	54.35512	3.367563	42.27732	12.98626	29.29105	31.16231	6

1742.305	1745.477	1384.477	89.44526	16.47277	89.44526	89.64587	53.72395	3.793578	42.48247	25.96218	16.52029	31.17293	6
1742.31	1745.482	1384.482	89.24466	14.5651	89.05585	89.04405	55.83339	2.810557	41.35605	16.79188	24.56417	31.61825	6
1742.315	1745.487	1384.487	91.60471	14.34231	91.4159	91.82891	53.71606	4.026371	42.25757	22.03208	20.22549	31.22595	6
1742.32	1745.492	1384.492	89.17386	16.3753	88.76085	88.61924	57.19805	2.022406	40.77955	15.4279	25.35164	31.88851	6
1742.325	1745.497	1384.497	89.06765	20.81724	88.37144	89.57506	58.41565	1.188699	40.39565	27.59769	12.79796	31.83431	6
1742.33	1745.503	1384.503	87.95843	20.09316	87.72243	86.20019	56.04474	2.397342	41.55792	18.47424	23.08368	31.82118	6
1742.335	1745.508	1384.508	88.94965	66.22527	87.42742	86.87281	53.9371	1.144133	44.91877	17.30628	27.61249	30.76268	6
1742.34	1745.513	1384.513	88.34784	45.32448	86.96721	85.86979	58.45133	0.09576	41.45291	22.48656	18.96634	31.92559	6
1742.345	1745.518	1384.518	90.62529	26.20605	89.97627	87.81683	55.31273	2.377432	42.30984	14.18797	28.12187	31.85893	6
1742.35	1745.524	1384.524	90.24768	22.01475	90.08247	89.99987	52.92489	3.916688	43.15842	27.83601	15.32241	31.05569	6
1742.355	1745.529	1384.529	88.74905	22.08437	88.72545	88.53664	53.18936	3.715377	43.09526	21.93324	21.16202	31.06612	6
1742.36	1745.534	1384.534	91.3333	42.72059	91.02649	86.69581	48.01273	5.278099	46.70917	28.53953	18.16964	30.89514	6
1742.365	1745.539	1384.539	98.18924	56.22742	97.11542	92.02951	44.38098	5.828812	49.79021	28.3149	21.47531	30.74824	9
1742.37	1745.545	1384.545	102.5199	43.54214	102.9211	103.3695	32.0351	18.60819	49.35671	27.66006	21.69664	28.06803	9
1742.375	1745.55	1384.55	105.9774	31.17712	106.3668	107.8064	31.93802	22.12973	45.93225	28.81177	17.12048	27.5612	9
1742.38	1745.555	1384.555	106.886	20.74761	107.1456	106.8624	34.632	21.46025	43.90775	31.78205	12.12571	28.07052	9
1742.385	1745.56	1384.56	107.9598	53.34504	108.3374	108.8095	24.84099	26.42434	48.73468	34.0789	14.65578	27.13667	9
1742.39	1745.566	1384.566	104.7974	51.72979	104.7502	103.9006	31.43361	18.09827	50.46812	26.9679	23.50021	28.2834	9
1742.395	1745.571	1384.571	101.6113	48.9588	101.6113	100.6319	34.66956	14.93025	50.40019	32.67862	17.72157	28.70953	9
1742.4	1745.576	1384.576	103.8888	49.72465	103.936	102.6969	32.02317	17.73998	50.23685	25.9756	24.26125	28.41651	9
1742.405	1745.581	1384.581	102.3665	59.93136	102.1541	101.2573	32.96554	14.80608	52.22838	19.93524	32.29314	28.58114	9
1742.41	1745.587	1384.587	102.2839	70.8343	102.8503	100.8207	24.3672	21.46518	54.16762	26.51488	27.65274	28.12583	9
1742.415	1745.592	1384.592	102.5317	93.782	103.6764	102.7677	14.10473	27.98784	57.90742	50.10279	7.804632	27.83674	9
1742.42	1745.597	1384.597	103.6528	137.5609	106.0718	107.7828	0	44.04693	55.95307	55.95307	0	-9999	9
1742.425	1745.602	1384.602	105.3048	126.1845	106.886	107.0276	0.328401	38.73704	60.93456	60.93456	0	-9999	9
1742.43	1745.608	1384.608	103.9006	86.48552	104.4198	105.2458	19.45811	24.1982	56.3437	38.02518	18.31851	27.45567	9
1742.435	1745.613	1384.613	107.122	96.85933	107.8772	108.243	12.15486	31.87519	55.96995	37.6455	18.32445	27.26022	9
1742.44	1745.618	1384.618	108.1132	115.3512	109.1281	111.0279	4.755973	37.59054	57.65348	57.65348	0	-9999	9
1742.445	1745.623	1384.623	104.8446	99.71386	105.3756	105.5172	15.2969	26.47032	58.23278	48.67688	9.555901	27.59023	9
1742.45	1745.629	1384.629	103.641	93.18324	103.1571	103.6528	25.84951	16.10518	58.04532	24.97756	33.06775	27.98052	9
1742.455	1745.634	1384.634	99.84128	61.97827	99.13326	97.64643	38.6344	9.445531	51.92007	30.79578	21.12429	29.34261	9
1742.46	1745.639	1384.639	96.99742	63.02261	96.58441	96.92662	38.71172	9.439897	51.84838	28.03728	23.8111	28.91559	9
1742.465	1745.644	1384.644	96.71421	51.70194	96.83221	95.91179	37.59654	11.53718	50.86628	28.52895	22.33733	29.02797	6
1742.47	1745.65	1384.65	93.33934	33.09871	93.66975	94.17716	43.55727	8.838509	47.60423	28.25603	19.3482	29.49779	6
1742.475	1745.655	1384.655	90.50728	48.45751	90.90849	92.17112	41.89722	8.252546	49.85024	22.9065	26.94374	29.01161	6
1742.48	1745.66	1384.66	88.27704	38.72424	88.33604	87.22682	48.9566	4.913484	46.12991	30.66448	15.46544	30.36332	6
1742.485	1745.665	1384.665	86.94361	22.85022	86.93181	87.28582	54.57358	2.926315	42.50011	12.16567	30.33444	31.12911	6
1742.49	1745.67	1384.67	85.96419	24.82751	85.77539	83.65134	56.36792	2.0166	41.61548	24.50259	17.1129	31.84109	6
1742.495	1745.676	1384.676	83.95815	16.51454	84.05255	85.22077	58.03037	1.52249	40.44714	19.66676	20.78038	31.57552	6
1742.5	1745.681	1384.681	84.04075	18.26904	84.09975	84.15875	57.80414	1.566719	40.62914	15.8619	24.76724	31.7145	6
1742.505	1745.686	1384.686	84.24135	16.52847	84.27676	84.53636	58.22371	1.459949	40.31634	11.90693	28.40941	31.7918	6
1742.51	1745.691	1384.691	85.19717	19.41085	85.69278	86.5188	53.08019	3.578546	43.34126	15.17893	28.16233	30.77583	6
1742.515	1745.697	1384.697	85.22077	20.94256	85.33878	85.06737	55.61427	2.446481	41.93925	26.93982	14.99943	31.38562	6
1742.52	1745.702	1384.702	85.24438	30.31379	85.36238	85.48038	53.32472	3.089705	43.58558	25.81121	17.77437	30.79497	6
1742.525	1745.707	1384.707	86.3182	26.15035	85.84619	85.84619	57.91695	1.297382	40.78567	18.22459	22.56108	31.74064	6
1742.53	1745.712	1384.712	86.6604	37.20646	86.17659	86.03499	55.01799	2.133374	42.84863	28.72033	14.12831	31.0978	6
1742.535	1745.718	1384.718	86.93181	28.11371	86.3182	85.13817	57.97471	1.176158	40.84913	29.04613	11.803	31.97612	6
1742.54	1745.723	1384.723	87.30942	23.93634	86.684	85.58658	58.72969	0.991593	40.27872	21.39357	18.88515	32.18734	6
1742.545	1745.728	1384.728	87.49822	21.62486	87.09701	86.80201	57.37778	1.70226	40.91996	24.20141	16.71855	31.80883	6
1742.55	1745.733	1384.733	87.85223	22.86415	87.41562	87.09701	57.02655	1.804456	41.169	13.02532	28.14368	31.74661	6
1742.555	1745.739	1384.739	88.86705	30.49481	87.99383	85.76359	57.63001	1.099779	41.27021	22.32704	18.94317	32.18278	6
1742.56	1745.744	1384.744	89.24466	37.73559	89.04405	87.07341	50.31758	4.328071	45.35435	16.1396	29.21475	30.77141	6
1742.565	1745.749	1384.749	90.01167	29.67326	90.12968	87.61622	49.09381	5.480734	45.42545	22.11623	23.30922	30.79154	6
1742.57	1745.754	1384.754	91.01469	37.58242	90.56628	86.77841	50.64671	4.162986	45.19031	16.22959	28.96072	31.23587	6
1742.575	1745.76	1384.76	91.4041	30.02138	90.68429	89.69307	54.22162	2.673547	43.10484	22.35259	20.75224	31.43764	6
1742.58	1745.765	1384.765	91.62831	34.1152	91.60471	88.92605	47.62898	6.110661	46.26036	29.8148	16.44555	30.61117	6
1742.585	1745.77	1384.77	91.89971	28.26688	91.56931	90.58989	51.17233	4.495525	44.33214	23.59672	20.73543	30.92112	6
1742.59	1745.775	1384.775	90.96749	26.28959	90.75509	89.98807	51.59396	4.384718	44.02132	25.75042	18.2709	30.93518	6
1742.595	1745.781	1384.781	90.79049	21.01218	90.58989	90.04707	52.94248	3.985206	43.07231	21.05612	22.01619	31.17098	6
1742.6	1745.786	1384.786	88.96145	18.0184	88.46584	87.42742	57.63599	1.72237	40.64164	16.36421	24.27743	32.11159	6
1742.605	1745.791	1384.791	88.02923	32.30501	87.76963	87.07341	53.20724	3.166431	43.62633	16.26603	27.3603	31.01479	6
1742.61	1745.796	1384.796	88.52484	24.10343	88.71365	89.91727	51.26088	4.556269	44.18285	22.79577	21.38708	30.45536	6
1742.615	1745.802	1384.802	89.31546	20.87293	89.39806	89.92907	52.13836	4.351979	43.50966	24.07638	19.43327	30.78279	6
1742.62	1745.807	1384.807	94.02376	40.91039	93.69335	94.15356	46.15848	6.535258	47.30626	28.64922	18.65704	29.84538	6
1742.625	1745.812	1384.812	96.79681	34.29622	96.97382	97.56383	41.27547	10.77369	47.95084	31.35992	16.59092	29.20712	6
1742.63	1745.817	1384.817	101.0331	29.1859	101.3517	102.3901	37.51736	15.34008	47.14256	24.2149	22.92766	28.57073	9
1742.635	1745.822	1384.822	104.3136	24.96676	105.0806	105.9302	32.04519	22.75857	45.19624	13.40699	31.78926	27.67502	9
1742.64	1745.828	1384.828	105.0806	26.87442	105.529	106.6264	33.34708	21.13952	45.5134	26.12165	19.39175	27.80127	9
1742.645	1745.833	1384.833	106.5556	34.88105	107.063	106.9096	29.59519	24.34275	46.06206	21.3239	24.73815	27.55504	9
1742.65	1745.838	1384.838	109.0809	68.59244	109.8715	109.6119	16.91896	33.79224	49.2888	33.07256	16.21624	26.75546	9
1742.655	1745.843	1384.843	109.0573	90.76036	109.4467	108.7977	14.6854	30.81733	54.49727	34.63315	19.86412	27.26302	9
1742.66	1745.849	1384.849	109.6355	165.4378	106.0128	103.4521	27.17513	0	72.82487	29.72584	43.09903	24.73387	9
1742.665	1745.854	1384.854	104.5142	191.3932	101.2573	97.59923	22.77052	1.95188	75.2776	53.02523	22.25238	29.5212	9

1742.67	1745.859	1384.859	102.4491	194.0528	101.0567	99.56987	9.577336	15.20727	75.2154	54.92822	20.28718	28.98197	9
1742.675	1745.864	1384.864	102.0361	186.2829	101.1747	101.4461	7.722288	18.26187	74.01584	55.08699	18.92884	-9999	9
1742.68	1745.87	1384.87	103.1689	239.0571	102.1423	99.06246	0	21.36398	78.63602	78.63602	0	-9999	9
1742.685	1745.875	1384.875	95.92359	167.4708	94.07096	91.93511	25.5803	8.241017	66.17869	32.2131	33.96559	28.18236	9
1742.69	1745.88	1384.88	88.85525	63.78847	88.83165	89.48066	42.99927	6.584842	50.41589	18.51916	31.89673	29.04384	5
1742.695	1745.885	1384.885	91.3333	47.27392	91.89971	91.3805	40.14338	9.467542	50.38907	21.43734	28.95173	29.18096	5
1742.7	1745.891	1384.891	88.69005	29.32515	88.37144	88.10003	53.77767	3.0421	43.18023	14.74817	28.43205	31.09797	5
1742.705	1745.896	1384.896	87.94663	24.92498	88.13543	88.63104	51.59402	4.300275	44.1057	25.48555	18.62015	30.61132	5
1742.71	1745.901	1384.901	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1743.005	1746.21	1385.21	103.641	51.25635	103.877	105.647	30.41725	19.12168	50.46107	25.54135	24.91972	27.68809	5
1743.01	1746.216	1385.216	100.6201	45.01814	100.5493	101.0685	37.08384	13.21868	49.69748	19.42253	30.27495	28.70737	5
1743.015	1746.221	1385.221	97.96504	27.98839	98.13024	97.59923	41.81865	11.26468	46.91667	25.38911	21.52755	29.48967	5
1743.02	1746.226	1385.226	99.54627	67.35316	99.18046	100.5847	34.95298	11.8327	53.21433	21.56771	31.64662	28.37274	5
1743.025	1746.231	1385.231	104.054	142.156	101.3281	100.6319	30.994	2.510691	66.49531	28.90367	37.59164	29.10468	5
1743.03	1746.237	1385.237	105.1868	122.9818	102.9447	100.1599	30.84241	5.042552	64.11503	31.91412	32.20091	29.45992	5
1743.035	1746.242	1385.242	107.063	87.37669	106.4612	103.4994	25.0209	17.92413	57.05496	38.9529	18.10207	28.5117	5
1743.04	1746.247	1385.247	106.8742	75.98639	107.3226	109.2697	19.81184	27.01842	53.16974	39.56902	13.60072	26.92992	5
1743.045	1746.252	1385.252	106.3432	51.71586	107.2046	108.5263	22.97302	28.58924	48.43774	33.01003	15.42771	26.85738	5
1743.05	1746.258	1385.258	104.6912	28.87956	105.116	105.5998	33.403	20.54021	46.05679	15.15762	30.89917	27.96817	5
1743.055	1746.263	1385.263	104.3962	25.2174	104.3608	103.3813	38.12727	15.95965	45.91308	28.00668	17.9064	28.94111	5
1743.06	1746.268	1385.268	103.5584	52.14752	102.3075	100.4195	41.80052	7.283906	50.91558	34.51023	16.40535	30.02726	5
1743.065	1746.273	1385.273	102.9919	60.65544	101.2809	98.92086	43.82932	4.148575	52.0221	20.79293	31.22918	30.5058	5
1743.07	1746.278	1385.278	102.3193	43.34719	100.8207	98.04764	46.99059	4.213466	48.79595	17.01967	31.77628	31.02154	5
1743.075	1746.284	1385.284	103.2279	42.58134	101.2573	98.28364	49.99807	1.128686	48.87324	16.82465	32.04859	31.77682	5
1743.08	1746.289	1385.289	103.1217	53.48428	101.5405	99.94748	44.43935	4.668911	50.89174	33.66155	17.23019	30.43695	5
1743.085	1746.294	1385.294	102.6143	60.64151	100.1481	96.44281	50.03301	0	49.96699	29.01069	20.9563	30.17263	5
1743.09	1746.299	1385.299	100.3605	55.90716	98.40165	95.15658	49.31983	1.266967	49.4132	30.74831	18.66489	31.45195	5
1743.095	1746.305	1385.305	99.67607	48.40181	97.52843	96.195	53.22902	0	46.77098	26.77046	20.00052	31.05614	5
1743.1	1746.31	1385.31	99.22766	58.49713	97.83523	98.38985	45.34557	4.553383	50.10105	21.01319	29.08786	29.92547	5
1743.105	1746.315	1385.315	100.3841	49.66895	99.86488	97.87063	39.65064	10.25101	50.09835	18.36184	31.73652	29.54291	5
1743.11	1746.32	1385.32	100.1953	48.97272	99.55807	97.78803	40.90734	9.275425	49.81723	29.93002	19.88721	29.6774	5
1743.115	1746.326	1385.326	100.4903	56.96543	100.1009	99.23946	36.78121	11.70868	51.51011	27.62393	23.88618	28.98264	5
1743.12	1746.331	1385.331	99.77047	50.97786	98.82645	97.28062	43.19067	7.131075	49.67825	30.44889	19.22936	29.97891	5
1743.125	1746.336	1385.336	102.4255	48.63853	101.2573	98.43705	43.05173	6.997214	49.95106	22.49801	27.45305	30.32451	5
1743.13	1746.341	1385.341	101.0803	53.10832	100.3369	98.72025	39.91538	9.448921	50.6357	19.22305	31.41265	29.55141	5
1743.135	1746.347	1385.347	100.0183	63.05046	98.79105	95.59319	42.23597	6.262719	51.50131	33.15639	18.34493	30.17815	5
1743.14	1746.352	1385.352	103.5938	112.0093	103.3341	96.49001	19.59945	19.12825	61.2723	41.05079	20.22152	29.19129	5
1743.145	1746.357	1385.357	105.883	104.6432	105.4464	100.4077	20.64771	19.41379	59.93849	31.4152	28.52329	28.82162	5
1743.15	1746.362	1385.362	105.7296	63.02261	106.1308	105.3638	24.36793	24.0434	51.58867	33.06469	18.52398	27.62814	5
1743.155	1746.368	1385.368	106.4612	56.90973	106.3078	102.5553	29.47241	19.41467	51.11292	27.27862	23.8343	28.61861	5
1743.16	1746.373	1385.373	104.585	40.70153	104.585	101.3517	33.93206	17.51896	48.54899	32.1077	16.44128	28.90457	5
1743.165	1746.378	1385.378	104.9744	35.04815	105.1042	103.3931	33.93595	18.72269	47.34136	29.65834	17.68303	28.53397	5
1743.17	1746.383	1385.383	105.4818	34.42154	105.8358	103.8534	31.88318	21.33964	46.77718	29.71737	17.05981	28.25757	5
1743.175	1746.389	1385.389	103.7826	36.7191	104.2428	104.4788	32.0674	20.18625	47.74635	16.03824	31.70811	27.97933	5
1743.18	1746.394	1385.394	101.3989	42.02436	102.0125	102.8857	31.78761	18.8072	49.40519	35.112	14.29319	27.97755	5
1743.185	1746.399	1385.399	101.2101	25.66299	101.3989	101.7647	39.21303	14.34086	46.4461	16.59695	29.84915	28.91054	5
1743.19	1746.404	1385.404	99.16866	46.68909	99.85308	101.2809	32.16186	17.07064	50.7675	36.85925	13.90824	28.01281	5
1743.195	1746.41	1385.41	100.6083	32.86199	100.8089	100.7263	37.93309	14.29959	47.76732	24.65844	23.10889	28.86068	5
1743.2	1746.415	1385.415	101.1039	26.0668	101.1629	101.4933	40.21899	13.31875	46.46226	15.35953	31.10273	29.07666	5
1743.205	1746.42	1385.42	102.2839	23.03124	102.0243	100.6555	42.33717	11.88178	45.78105	33.14457	12.63647	29.72671	5
1743.21	1746.425	1385.425	103.0273	25.24525	102.7087	101.1157	41.5747	12.26439	46.16092	27.21991	18.94101	29.6585	5
1743.215	1746.43	1385.43	100.7263	29.28338	100.5375	100.7263	41.70846	11.42519	46.86634	25.65055	21.21579	29.36006	5
1743.22	1746.436	1385.436	99.60527	39.47616	100.2897	101.0095	33.50571	17.06753	49.42676	26.40813	23.01863	28.2291	5
1743.225	1746.441	1385.441	100.1481	30.45304	100.6673	101.3871	36.47025	15.90643	47.62332	28.43701	19.18631	28.51022	5
1743.23	1746.446	1385.446	98.51965	47.24607	98.87366	98.24824	35.18482	14.26316	50.55202	36.76619	13.78583	28.70483	5
1743.235	1746.451	1385.451	97.13902	73.64706	96.99742	95.66399	33.90694	11.83111	54.26195	20.78568	33.47627	28.7338	5
1743.24	1746.457	1385.457	97.62283	74.73318	98.59045	99.47547	24.60251	19.11856	56.27893	39.53727	16.74166	27.78254	5
1743.245	1746.462	1385.462	103.2515	59.3326	103.9006	104.4788	25.62023	22.59486	51.7849	24.03446	27.75044	27.55479	5
1743.25	1746.467	1385.467	108.1722	50.79684	109.0337	112.6445	21.51271	31.69685	46.79044	29.26829	17.52216	26.09423	5
1743.255	1746.472	1385.472	107.8772	46.85619	107.7002	105.6234	30.78552	20.22917	48.98531	22.42211	26.5632	28.27262	5
1743.26	1746.478	1385.478	104.9862	33.11263	105.0098	104.1012	35.21655	17.67454	47.10891	22.45864	24.65027	28.5515	5
1743.265	1746.483	1385.483	102.8621	63.92771	102.7205	103.2987	30.99375	16.09815	52.9081	25.76761	27.14049	28.11949	5
1743.27	1746.488	1385.488	104.4198	71.14064	104.29	103.7	27.72375	18.28693	53.98932	20.80432	33.185	28.07677	5
1743.275	1746.493	1385.493	103.8652	79.55108	102.8267	99.23946	33.24046	10.97328	55.78626	21.83265	33.95361	29.3281	5
1743.28	1746.499	1385.499	100.8679	71.18241	100.2661	98.29544	34.63944	11.49655	53.86401	21.64241	32.2216	29.01073	5
1743.285	1746.504	1385.504	97.79983	100.5215	96.72601	93.38654	34.02007	8.625195	57.35473	27.48828	29.86645	29.12172	5
1743.29	1746.509	1385.509	96.69061	101.4684	98.02404	94.38956	16.15523	22.15489	61.68988	51.73511	9.954767	28.69312	5
1743.295	1746.514	1385.514	96.0298	92.6541	97.48123	98.13024	17.98171	21.50912	60.50917	34.87302	25.63615	27.87819	5
1743.3	1746.52	1385.52	98.73205	59.22121	99.46367	101.5641	29.16496	17.7559	53.07913	21.53675	31.54239	27.70792	5
1743.305	1746.525	1385.525	97.98864	68.32788	97.71723	97.16262	35.4185	11.32551	53.25599	24.97192	28.28408	28.74593	5
1743.31	1746.53	1385.53	102.1895	68.84309	101.3281	99.22766	36.0016	10.44008	53.55833	28.91329	24.64504	29.23414	5
1743.315	1746.535	1385.535	103.877	54.18051	103.936	105.3166	30.86426	18.12538	51.01036	21.44257	29.56779	27.83978	5
1743.32	1746.541	1385.541	104.821	56.68693	105.2104	106.2842	26.82855	22.27715	50.8943	37.41652	13.47778	27.46355	5

1743.325	1746.546	1385.546	107.2872	50.53227	107.7828	109.6119	25.22596	26.39786	48.37618	20.42866	27.94752	26.90287	5
1743.33	1746.551	1385.551	106.9096	81.5423	108.5735	111.8067	9.015198	39.77898	51.20582	32.10674	19.09908	26.3292	5
1743.335	1746.556	1385.556	103.2043	48.76385	102.7677	103.0863	36.63487	13.09099	50.27414	20.5114	29.76273	28.73425	5
1743.34	1746.562	1385.562	103.9714	61.28204	103.641	101.9063	32.07675	15.49748	52.42578	26.9663	25.45947	28.64564	9
1743.345	1746.567	1385.567	99.51087	34.21267	99.19226	98.75565	42.63973	9.877129	47.48314	30.7307	16.75243	29.62677	9
1743.35	1746.572	1385.572	101.3045	47.32962	100.5375	99.88848	41.29046	9.049906	49.65964	31.74419	17.91545	29.56092	9
1743.355	1746.577	1385.577	101.4815	38.62676	101.2809	100.5847	38.84402	12.64161	48.51437	19.60393	28.91044	29.14092	9
1743.36	1746.582	1385.582	101.9771	47.64989	101.3399	100.5257	39.58818	10.48785	49.92397	21.85536	28.06862	29.34896	9
1743.365	1746.588	1385.588	105.6352	81.90433	104.6322	102.3193	30.76818	12.69468	56.53713	25.82511	30.71202	28.90032	9
1743.37	1746.593	1385.593	98.53145	53.45643	97.51663	96.95022	44.27947	6.169394	49.55113	17.60985	31.94128	29.90769	9
1743.375	1746.598	1385.598	99.87668	47.53849	99.06246	97.25702	42.91932	7.802169	49.27851	31.93709	17.34142	29.97652	9
1743.38	1746.603	1385.603	104.526	64.77711	104.3844	105.057	29.25747	17.87167	52.87087	36.06505	16.80582	27.91715	9
1743.385	1746.609	1385.609	102.7205	91.77686	101.7057	101.1039	31.15197	11.21681	57.63122	25.66549	31.96573	28.59467	9
1743.39	1746.614	1385.614	103.582	84.7171	102.2131	99.94748	34.81148	8.595676	56.59284	27.51032	29.08251	29.31327	9
1743.395	1746.619	1385.619	104.3136	90.50972	102.9211	98.87366	32.91949	9.205781	57.87473	30.13769	27.73704	29.51095	9
1743.4	1746.624	1385.624	102.3665	86.75009	102.0715	102.0007	27.11557	15.99095	56.89348	26.05914	30.83435	28.09167	9
1743.405	1746.63	1385.63	101.3753	87.36277	100.5493	99.41647	31.99456	11.38755	56.61789	30.14519	26.4727	28.68366	9
1743.41	1746.635	1385.635	101.8119	63.89986	101.7293	100.8207	31.50943	15.52183	52.96874	32.04568	20.92306	28.44593	9
1743.415	1746.64	1385.64	105.5644	153.6855	103.4049	100.6791	22.42456	7.871174	69.70427	41.89495	27.80932	29.13876	9
1743.42	1746.645	1385.645	108.6207	339.6203	104.2192	99.41647	0	1.371402	98.6286	98.6286	0	-9999	9
1743.425	1746.651	1385.651	105.2812	311.2977	100.2661	92.01771	6.674304	0	93.3257	80.49971	12.82599	-9999	9
1743.43	1746.656	1385.656	98.20104	154.3539	93.96475	90.42468	45.13263	0	54.86737	29.95163	24.91574	23.65209	9
1743.435	1746.661	1385.661	95.55779	59.36045	94.42496	94.10636	46.50099	4.498724	49.00029	15.50819	33.4921	30.02224	9
1743.44	1746.666	1385.666	98.18924	94.13011	98.61405	96.0298	23.59414	17.56454	58.84132	41.94684	16.89448	28.42248	10
1743.445	1746.672	1385.672	103.9714	91.37304	105.47	107.2518	10.61968	33.18098	56.19934	46.92238	9.276955	27.17872	10
1743.45	1746.677	1385.677	106.3904	81.80686	107.7002	108.8567	12.1724	35.13783	52.68977	36.97569	15.71408	26.85229	10
1743.455	1746.682	1385.682	98.26004	52.05005	97.39863	97.00922	43.68064	6.846157	49.47321	33.43537	16.03783	29.76581	10
1743.46	1746.687	1385.687	97.38682	51.61839	95.959	93.92935	48.97815	3.135207	47.88664	18.35729	29.52935	30.90443	10
1743.465	1746.693	1385.693	103.936	50.64367	104.1366	103.8534	30.56847	19.1351	50.29643	18.47943	31.817	28.065	10
1743.47	1746.698	1385.698	100.1481	111.6333	100.8207	102.6497	15.63575	22.47072	61.89353	50.99472	10.89881	27.59551	10
1743.475	1746.703	1385.703	90.86129	75.34586	91.72271	93.82315	31.49793	12.34821	56.15387	30.63517	25.51869	27.8838	10
1743.48	1746.708	1385.708	89.07945	74.98382	87.61622	85.25618	51.24085	1.981839	46.77731	15.83236	30.94495	30.54569	10
1743.485	1746.714	1385.714	90.07067	129.4567	89.22106	80.21747	32.39098	8.310211	59.29881	29.47495	29.82386	29.45058	10
1743.49	1746.719	1385.719	100.9623	277.4193	101.1629	98.96806	0	31.16581	68.83419	68.83419	0	-9999	10
1743.495	1746.724	1385.724	110.4497	200.9316	110.4261	110.8273	0	35.82319	64.17681	64.17681	0	-9999	10
1743.5	1746.729	1385.729	114.8984	119.8766	115.9958	118.0136	0	54.4148	45.5852	45.5852	0	-9999	10
1743.505	1746.734	1385.734	115.5002	133.8708	116.5504	118.0254	0	56.28243	43.71757	43.71757	0	-9999	10
1743.51	1746.74	1385.74	117.0932	174.6698	118.0726	122.3561	0	62.42408	37.57592	37.57592	0	-9999	10
1743.515	1746.745	1385.745	117.5416	237.4975	118.8161	122.6393	0	73.10536	26.89464	26.89464	0	-9999	10
1743.52	1746.75	1385.75	118.4149	176.9813	119.2173	122.2145	0	63.41977	36.58023	36.58023	0	-9999	10
1743.525	1746.755	1385.755	117.931	282.5156	119.7129	117.577	0	86.56901	13.43099	13.43099	0	-9999	10
1743.53	1746.761	1385.761	121.4121	253.3297	122.5921	123.0524	0	86.07392	13.92608	13.92608	0	-9999	10
1743.535	1746.766	1385.766	122.9934	236.0633	124.1616	128.2091	0	90.97204	9.02796	9.02796	0	-9999	10
1743.54	1746.771	1385.771	124.4094	238.7089	125.9906	129.2357	0	100	0	0	0	-9999	10
1743.545	1746.776	1385.776	123.6542	246.7991	125.1292	129.7785	0	100	0	0	0	-9999	10
1743.55	1746.782	1385.782	124.3622	244.0978	126.1204	128.0203	0	100	0	0	0	-9999	10
1743.555	1746.787	1385.787	124.02	237.7481	125.9906	129.1767	0	100	0	0	0	-9999	10
1743.56	1746.792	1385.792	124.9168	184.9879	126.0378	127.0054	0	94.72353	5.276473	5.276473	0	-9999	10
1743.565	1746.797	1385.797	127.3476	170.4646	128.3271	129.7667	0	100	0	0	0	-9999	10
1743.57	1746.803	1385.803	131.3951	161.2465	131.3833	130.8759	0	89.50787	10.49213	10.49213	0	-9999	10
1743.575	1746.808	1385.808	132.3037	200.0822	132.3981	133.118	0	99.80115	0.198848	0.198848	0	-9999	10
1743.58	1746.813	1385.813	135.242	179.5434	134.8762	134.5104	0	95.20002	4.799981	4.799981	0	-9999	10
1743.585	1746.818	1385.818	135.7258	169.7823	134.5458	133.8378	0	64.92583	35.07417	35.07417	0	-9999	10
1743.59	1746.824	1385.824	134.4396	139.3014	133.7552	132.6932	0	77.07169	22.92831	22.92831	0	-9999	10
1743.595	1746.829	1385.829	133.6844	106.1052	133.7316	134.8762	0	98.45832	1.541679	1.541679	0	-9999	10
1743.6	1746.834	1385.834	134.475	135.7646	133.8968	134.0856	0	80.8964	19.1036	19.1036	0	-9999	10
1743.605	1746.839	1385.839	137.0238	132.186	136.3512	135.5488	0	87.52334	12.47666	12.47666	0	-9999	10
1743.61	1746.845	1385.845	136.186	130.5568	135.3836	134.3924	0	78.65668	21.34332	21.34332	0	-9999	10
1743.615	1746.85	1385.85	136.7406	145.289	136.2214	135.5488	0	93.55799	6.442007	6.442007	0	-9999	10
1743.62	1746.855	1385.855	139.7261	164.4631	139.0417	138.1803	0	100	0	0	0	-9999	10
1743.625	1746.86	1385.86	137.7083	167.3037	137.3778	138.7467	0	100	0	0	0	-9999	10
1743.63	1746.866	1385.866	137.8381	126.5465	137.5194	136.3748	0	100	0	0	0	-9999	10
1743.635	1746.871	1385.871	137.8381	134.9291	138.2983	140.1273	0	100	0	0	0	-9999	10
1743.64	1746.876	1385.876	135.6078	114.8916	135.8792	135.2066	0	100	0	0	0	-9999	10
1743.645	1746.881	1385.881	134.1328	191.6578	135.7022	138.1685	0	100	0	0	0	-9999	10
1743.65	1746.886	1385.886	134.0974	150.1626	134.3924	133.4248	0	100	0	0	0	-9999	10
1743.655	1746.892	1385.892	129.5543	152.9614	129.5779	129.4953	0	82.38881	17.61119	17.61119	0	-9999	10
1743.66	1746.897	1385.897	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1744.035	1747.29	1386.29	114.096	79.30044	114.627	114.7686	11.72567	41.40747	46.86686	42.9286	3.93826	25.95555	10
1744.04	1747.295	1386.295	123.607	103.752	123.9846	123.6542	0	66.40258	33.59742	33.59742	0	-9999	10
1744.045	1747.301	1386.301	134.3452	133.843	133.4012	130.8405	0	66.89071	33.10929	33.10929	0	-9999	10
1744.05	1747.306	1386.306	131.6193	141.6964	130.6989	130.3921	0	59.77558	40.22442	40.22442	0	-9999	10
1744.055	1747.311	1386.311	134.3688	126.7415	133.118	130.4393	0	55.45768	44.54232	44.54232	0	-9999	10

1744.06	1747.316	1386.316	135.8438	104.4482	135.3364	136.2568	0	87.24821	12.75179	12.75179	0	-9999	10
1744.065	1747.322	1386.322	139.0889	115.6993	139.3485	139.5609	0	100	0	0	0	-9999	10
1744.07	1747.327	1386.327	138.3927	132.8126	138.7821	139.2777	0	100	0	0	0	-9999	10
1744.075	1747.332	1386.332	133.0472	164.8112	132.5751	127.7134	0	81.04141	18.95859	18.95859	0	-9999	10
1744.08	1747.337	1386.337	128.3979	137.4495	126.439	122.1555	3.792211	23.59567	72.61212	64.06268	8.549439	-9999	10
1744.085	1747.343	1386.343	125.9316	165.41	123.8666	123.3592	0.117777	20.50149	79.38074	79.38074	0	-9999	10
1744.09	1747.348	1386.348	126.3328	163.2378	125.0938	121.7071	0	40.03657	59.96343	59.96343	0	-9999	10
1744.095	1747.353	1386.353	130.4275	137.2406	130.2505	131.0175	0	78.66791	21.33209	21.33209	0	-9999	10
1744.1	1747.358	1386.358	134.003	128.5517	134.357	136.0208	0	100	0	0	0	-9999	10
1744.105	1747.363	1386.363	132.5633	138.452	131.9379	129.6369	0	72.22018	27.77982	27.77982	0	-9999	10
1744.11	1747.369	1386.369	127.9023	141.404	127.5954	126.852	0	66.24214	33.75786	33.75786	0	-9999	10
1744.115	1747.374	1386.374	124.374	113.3182	124.0672	126.1558	0.530691	53.88291	45.58639	45.58639	0	-9999	10
1744.12	1747.379	1386.379	119.4533	104.4621	118.6981	118.6981	10.67607	33.5885	55.73544	39.07506	16.66038	26.70691	9
1744.125	1747.384	1386.384	118.9931	79.66248	118.4149	118.5919	15.7292	34.14341	50.12739	29.16999	20.9574	26.17265	9
1744.13	1747.39	1386.39	118.5801	88.10077	117.9546	118.1789	14.43291	33.17154	52.39555	42.34129	10.05426	26.41294	9
1744.135	1747.395	1386.395	117.1404	88.32356	116.7038	117.1168	14.24022	33.69114	52.06864	44.90143	7.167211	26.41206	9
1744.14	1747.4	1386.4	112.1253	86.63869	111.6769	111.1695	19.35331	25.50894	55.13775	40.8227	14.31505	27.39711	9
1744.145	1747.405	1386.405	113.27	88.6856	112.3849	112.4793	21.18862	21.69085	57.12053	32.11403	25.0065	27.60429	9
1744.15	1747.411	1386.411	114.4028	103.2786	113.2464	113.2464	18.71832	20.44738	60.8343	38.57876	22.25554	27.8412	9
1744.155	1747.416	1386.416	112.0899	127.4377	111.1459	109.7063	13.3535	22.2457	64.4008	55.91614	8.484663	28.29067	9
1744.16	1747.421	1386.421	111.3819	69.65071	110.8155	109.4349	25.06286	21.96839	52.96875	23.22536	29.74339	27.81141	9
1744.165	1747.426	1386.426	107.9834	93.87947	107.0866	105.2104	24.88674	16.42082	58.69243	27.38838	31.30406	28.43325	9
1744.17	1747.432	1386.432	109.2697	61.15672	109.1517	107.2046	25.5865	23.63601	50.77749	28.82674	21.95076	27.79094	9
1744.175	1747.437	1386.437	108.5381	54.11089	108.7387	109.0809	25.49547	25.50539	48.99913	22.37375	26.62539	27.21094	9
1744.18	1747.442	1386.442	108.3138	52.27284	108.7269	109.5765	24.50041	27.27515	48.22443	24.86227	23.36216	26.96053	9
1744.185	1747.447	1386.447	110.0131	55.04383	110.4969	110.2609	21.71783	31.09111	47.19106	34.59442	12.59664	26.76184	9
1744.19	1747.453	1386.453	110.1193	53.28934	109.8951	111.4409	27.53182	23.10899	49.35919	26.3343	23.02489	27.19583	9
1744.195	1747.458	1386.458	111.7241	49.34868	111.9837	113.978	23.25949	31.07003	45.67048	16.51412	29.15636	26.24147	9
1744.2	1747.463	1386.463	109.4231	68.16078	109.7771	110.3317	20.09231	29.50175	50.40594	36.39822	14.00772	26.84829	9
1744.205	1747.468	1386.468	112.4675	78.56244	113.0575	113.4588	12.94516	38.68378	48.37106	26.78673	21.58433	26.20624	9
1744.21	1747.474	1386.474	112.0073	83.33857	112.0073	111.0869	16.78533	30.62946	52.58521	36.08983	16.49538	27.06481	9
1744.215	1747.479	1386.479	109.5057	69.1912	109.3169	107.2046	23.97374	23.735	52.29126	33.23646	19.0548	27.81109	9
1744.22	1747.484	1386.484	110.9099	84.49431	110.4261	108.7387	21.26479	23.32675	55.40845	34.84547	20.56298	27.79661	9
1744.225	1747.489	1386.489	110.2609	137.4634	109.3405	109.0337	12.42709	21.28721	66.2857	55.47976	10.80594	28.26016	9
1744.23	1747.495	1386.495	107.9952	115.6157	107.6884	106.9096	15.04312	23.71581	61.24107	51.33514	9.905925	27.92841	9
1744.235	1747.5	1386.5	110.3199	86.79186	110.1665	110.0957	18.69095	26.44817	54.86088	35.67764	19.18324	27.29324	9
1744.24	1747.505	1386.505	108.0424	71.58623	107.653	106.3668	26.295	19.97361	53.73139	22.3702	31.3612	28.02532	9
1744.245	1747.51	1386.51	108.0306	66.44806	107.7828	108.6679	26.45187	21.03161	52.51652	36.25542	16.2611	27.53303	9
1744.25	1747.515	1386.515	110.4615	69.1355	110.3317	109.8479	22.65061	25.72885	51.62055	20.04841	31.57214	27.30985	9
1744.255	1747.521	1386.521	110.6503	78.59029	109.7535	109.8479	26.13322	17.96833	55.89845	26.6038	29.29465	27.94662	9
1744.26	1747.526	1386.526	113.9426	57.9123	114.1196	115.6064	19.78629	34.69826	45.51545	31.33018	14.18527	25.92193	9
1744.265	1747.531	1386.531	112.1961	65.45941	111.8775	111.1695	23.40758	25.7736	50.81881	22.19673	28.62209	27.28495	9
1744.27	1747.536	1386.536	115.3468	76.68262	114.8276	113.5768	19.34764	28.65714	51.99522	24.70137	27.29385	27.07774	9
1744.275	1747.542	1386.542	115.3822	103.5153	114.4264	114.45	16.20529	24.33838	59.45633	36.6143	22.84204	27.52058	9
1744.28	1747.547	1386.547	112.7861	73.36857	111.9483	109.5647	24.97464	20.67409	54.35127	25.87639	28.47488	28.1097	9
1744.285	1747.552	1386.552	115.7834	68.89878	115.6772	115.748	17.62883	34.92462	47.44655	31.5832	15.86334	26.16207	9
1744.29	1747.557	1386.557	112.7625	97.83405	112.4557	113.0339	14.96037	28.95193	56.0877	41.24506	14.84264	27.06421	9
1744.295	1747.563	1386.563	111.5353	152.6829	111.7477	113.801	0	37.13007	62.86993	62.86993	0	-9999	9
1744.3	1747.568	1386.568	111.0161	154.7716	109.4467	110.0367	12.57355	16.0188	71.40765	52.8842	18.52346	28.59687	9
1744.305	1747.573	1386.573	112.7625	135.3886	111.3229	115.9958	14.65155	17.50134	67.84711	38.326	29.52112	27.55179	9
1744.31	1747.578	1386.578	114.8984	95.71751	114.1314	115.4176	17.07422	25.80095	57.12483	31.30969	25.81515	27.0767	9
1744.315	1747.584	1386.584	115.6772	95.91245	114.4028	110.3435	20.24296	19.70663	60.05041	44.57293	15.47748	28.58696	9
1744.32	1747.589	1386.589	111.8067	72.01789	110.8391	108.8449	27.20854	17.92396	54.8675	28.9085	25.959	28.34269	10
1744.325	1747.594	1386.594	115.4412	110.7143	114.2376	111.8303	16.32934	21.4378	62.23287	42.22974	20.00313	28.29343	10
1744.33	1747.599	1386.599	115.5828	81.41697	115.3704	115.8778	15.60705	33.82327	50.56968	31.63748	18.93221	26.35504	10
1744.335	1747.605	1386.605	117.341	82.08535	116.3734	117.754	19.68065	25.31813	55.00122	27.76305	27.23817	26.89468	10
1744.34	1747.61	1386.61	117.4236	83.46389	116.4796	116.574	19.08814	25.89241	55.01944	27.77016	27.24928	27.08697	10
1744.345	1747.615	1386.615	117.6006	68.89878	117.223	117.3174	18.06037	34.16115	47.77848	27.68768	20.0908	26.11831	10
1744.35	1747.62	1386.62	118.0726	86.26273	117.6478	116.574	13.78985	35.45104	50.75911	33.89228	16.86683	26.45038	10
1744.355	1747.626	1386.626	116.8926	77.85228	116.279	115.5356	18.37403	29.81108	51.81489	26.37116	25.44373	26.82625	10
1744.36	1747.631	1386.631	115.7244	73.45212	115.2642	114.4264	19.32476	29.90003	50.77521	25.20861	25.56661	26.83952	10
1744.365	1747.636	1386.636	116.5622	55.96286	116.6448	116.5386	18.57958	38.51356	42.90686	30.68216	12.2247	25.65886	10
1744.37	1747.641	1386.641	113.506	62.24284	113.4116	113.6594	21.24337	30.51313	48.2435	36.15686	12.08664	26.59169	10
1744.375	1747.647	1386.647	112.0427	55.96286	111.7241	111.3701	25.84688	24.90829	49.24483	23.3406	25.90423	27.29822	10
1744.38	1747.652	1386.652	109.7653	83.77023	108.4909	106.237	28.62035	13.45336	57.92629	29.63815	28.28813	28.83784	10
1744.385	1747.657	1386.657	112.7271	130.7239	110.4025	108.6679	22.67187	6.787769	70.54036	51.60093	18.93943	29.45682	10
1744.39	1747.662	1386.662	118.4031	78.95233	117.3292	117.341	20.28485	24.8962	54.81896	37.26972	17.54924	27.12895	10
1744.395	1747.667	1386.667	116.1964	71.21026	115.7834	113.0339	19.06723	31.24245	49.69031	26.94932	22.74099	27.02241	10
1744.4	1747.673	1386.673	124.4094	85.73359	124.2088	124.9758	6.350523	54.5378	39.11167	39.11167	0	-9999	10
1744.405	1747.678	1386.678	135.124	63.56567	135.6196	136.4338	0	100	0	0	0	-9999	10
1744.41	1747.683	1386.683	137.0356	50.62975	137.5312	138.9355	0	100	0	0	0	-9999	10
1744.415	1747.688	1386.688	136.5282	72.28246	137.6611	139.7615	0	100	0	0	0	-9999	10
1744.42	1747.694	1386.694	136.4456	87.98937	137.6729	139.5373	0	100	0	0	0	-9999	10

1744.425	1747.699	1386.699	137.7201	66.04425	138.6995	140.3869	0	100	0	0	0	-9999	-9999
1744.43	1747.704	1386.704	139.5963	66.47591	140.7173	141.3309	0	100	0	0	0	-9999	-9999
1744.435	1747.709	1386.709	141.5669	54.90459	142.1923	143.5376	0	100	0	0	0	-9999	-9999
1744.44	1747.715	1386.715	141.0713	67.08859	141.7793	140.7527	0	100	0	0	0	-9999	-9999
1744.445	1747.72	1386.72	140.7999	68.71776	141.2365	142.4874	0	100	0	0	0	-9999	-9999
1744.45	1747.725	1386.725	138.8529	54.96029	138.9709	140.0683	0	100	0	0	0	-9999	-9999
1744.455	1747.73	1386.73	136.9766	107.5812	137.7673	139.3721	0	100	0	0	0	-9999	-9999
1744.46	1747.736	1386.736	133.2832	169.2671	134.4396	134.8998	0	100	0	0	0	-9999	-9999
1744.465	1747.741	1386.741	135.2538	156.4983	136.5518	138.7703	0	100	0	0	0	-9999	-9999
1744.47	1747.746	1386.746	138.0741	140.7635	139.2541	142.5346	0	100	0	0	0	-9999	-9999
1744.475	1747.751	1386.751	136.7996	166.0645	138.6877	143.3016	0	100	0	0	0	-9999	-9999
1744.48	1747.757	1386.757	124.9876	226.7338	126.38	131.5603	0	100	0	0	0	-9999	-9999
1744.485	1747.762	1386.762	110.2373	167.1506	110.5795	109.8243	0	37.41416	62.58584	62.58584	0	-9999	-9999
1744.49	1747.767	1386.767	103.877	107.3863	102.9683	101.2337	25.48751	13.88257	60.62992	25.97116	34.65876	28.50382	-9999
1744.495	1747.772	1386.772	103.1453	107.0939	101.7411	100.0065	30.07234	9.607904	60.31976	31.88822	28.43154	28.83552	-9999
1744.5	1747.778	1386.778	100.6083	56.08818	100.7263	100.6555	32.95251	15.28264	51.76484	30.69079	21.07406	28.37925	-9999
1744.505	1747.783	1386.783	99.42827	30.42519	99.33386	98.77925	41.89471	11.02635	47.07894	30.13645	16.94249	29.50678	-9999
1744.51	1747.788	1386.788	98.87366	40.08884	99.15686	97.23342	37.13989	13.65745	49.20266	32.63401	16.56865	29.13189	-9999
1744.515	1747.793	1386.793	98.51965	34.0595	98.36624	97.97684	42.3084	10.14689	47.54471	21.51487	26.02984	29.5372	-9999
1744.52	1747.799	1386.799	98.22464	43.19402	98.07124	96.3838	40.36925	10.53142	49.09933	30.83052	18.26881	29.50721	-9999
1744.525	1747.804	1386.804	97.10362	53.70708	98.28364	98.69665	28.52237	18.45453	53.0231	21.19351	31.82959	28.00903	-9999
1744.53	1747.809	1386.809	94.99138	56.88188	95.42798	94.64917	35.4588	12.27554	52.26566	28.84255	23.42311	28.75584	-9999
1744.535	1747.814	1386.814	95.9472	56.88188	96.84401	95.06218	31.01282	15.72691	53.26027	34.71936	18.54091	28.60025	-9999
1744.54	1747.819	1386.819	96.1124	60.01491	96.46641	90.30668	34.30943	12.96204	52.72853	27.02978	25.69874	29.64756	-9999
1744.545	1747.825	1386.825	93.82315	76.25096	93.97655	94.46036	34.04109	11.2127	54.7462	35.81984	18.92636	28.32891	-9999
1744.55	1747.83	1386.83	89.81107	143.4649	92.59593	97.64643	1.072674	24.79268	74.13465	74.13465	0	-9999	-9999
1744.555	1747.835	1386.835	93.72875	44.80927	94.49577	93.92935	36.98133	12.15032	50.86835	26.74716	24.12119	28.8943	-9999
1744.56	1747.84	1386.84	92.92633	38.1951	93.05614	92.60773	44.25859	7.913466	47.82795	24.45128	23.37666	29.71201	-9999
1744.565	1747.846	1386.846	92.17112	36.95582	92.26552	90.51908	45.52765	7.171695	47.30066	20.96387	26.33679	30.11398	-9999
1744.57	1747.851	1386.851	90.64889	49.36261	92.20652	93.91755	32.58563	13.58998	53.82439	23.01702	30.80737	28.18533	-9999
1744.575	1747.856	1386.856	91.79351	29.2973	92.02951	93.02074	46.63099	7.062914	46.3061	16.34147	29.96463	29.80961	-9999
1744.58	1747.861	1386.861	89.38626	25.70476	89.95267	91.1563	47.1544	6.687282	46.15832	18.44544	27.71288	29.82995	-9999
1744.585	1747.867	1386.867	88.73725	42.26108	89.48066	89.94087	42.37308	8.100723	49.52619	21.98472	27.54148	29.21965	9
1744.59	1747.872	1386.872	89.85827	45.26878	91.0737	94.37776	36.9558	11.10123	51.94297	20.61491	31.32806	28.19697	9
1744.595	1747.877	1386.877	90.41288	34.63041	91.2861	93.24494	41.67215	9.31351	49.01434	24.9688	24.04554	28.95417	9
1744.6	1747.882	1386.882	90.16508	45.04599	90.83769	91.05009	40.93424	8.963495	50.10226	19.21375	30.88852	29.1116	9
1744.605	1747.888	1386.888	89.33906	43.89025	89.72847	90.20048	44.16871	7.15959	48.6717	33.85816	14.81354	29.40784	9
1744.61	1747.893	1386.893	85.83439	31.6227	86.12939	84.92577	51.09337	4.048819	44.85781	22.46955	22.38826	30.67717	9
1744.615	1747.898	1386.898	85.83439	34.18483	86.03499	86.5188	51.20495	3.901102	44.89394	29.97613	14.91782	30.34762	9
1744.62	1747.903	1386.903	87.88763	23.56038	87.61622	87.28582	55.54516	2.469481	41.98536	16.90775	25.0776	31.44167	9
1744.625	1747.909	1386.909	84.81957	26.56808	85.30338	85.78719	51.787	3.831045	44.38196	24.39525	19.98671	30.5062	9
1744.63	1747.914	1386.914	87.12061	24.93891	87.88763	90.35388	47.86945	5.990434	46.14012	25.5128	20.62732	29.66235	9
1744.635	1747.919	1386.919	87.41562	23.39328	87.75783	86.75481	51.26435	4.483127	44.25252	32.07959	12.17293	30.81986	9
1744.64	1747.924	1386.924	89.51606	22.65528	89.72847	89.25646	50.51651	5.109972	44.37352	17.04303	27.33049	30.67059	9
1744.645	1747.93	1386.93	90.17688	37.19253	89.95267	90.29488	49.77427	4.660765	45.56497	23.42239	22.14258	30.28316	9
1744.65	1747.935	1386.935	86.74301	50.46265	87.07341	89.57506	45.42382	5.907564	48.66862	15.53067	33.13795	29.03335	9
1744.655	1747.94	1386.94	84.63076	61.69978	85.62198	89.82287	39.52639	7.771276	52.70233	20.16827	32.53406	27.98482	9
1744.66	1747.945	1386.945	86.4716	37.67989	87.07341	85.66918	46.66355	5.86538	47.47107	16.47205	30.99902	30.05373	9
1744.665	1747.951	1386.951	88.73725	35.22917	89.04405	88.32424	47.45853	5.887382	46.65409	21.67848	24.97561	30.11513	9
1744.67	1747.956	1386.956	86.88461	40.39518	86.97901	86.5896	49.55891	4.459244	45.98185	18.89557	27.08628	30.22591	9
1744.675	1747.961	1386.961	83.25013	79.32829	83.06133	79.39145	45.67566	4.63698	49.68736	31.64366	18.0437	29.64305	9
1744.68	1747.966	1386.966	84.71336	72.60272	84.20595	81.3857	48.42628	3.742555	47.83117	33.21157	14.61959	29.97622	9
1744.685	1747.971	1386.971	82.77812	39.36477	82.50672	81.5863	56.42125	1.534457	42.0443	11.32216	30.72214	31.2318	9
1744.69	1747.977	1386.977	83.43894	44.18267	83.29734	84.41836	53.64139	2.473047	43.88556	14.07225	29.81331	30.35252	9
1744.695	1747.982	1386.982	86.11759	46.98151	86.33	87.95843	47.75616	4.942263	47.30158	24.16749	23.13409	29.49852	9
1744.7	1747.987	1386.987	86.6368	64.61002	87.39202	89.00865	38.8056	8.331284	52.86312	23.15498	29.70814	28.41293	9
1744.705	1747.992	1386.992	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1745.02	1748.323	1387.323	78.41203	72.71412	77.96363	76.9606	53.73928	2.034342	44.22637	17.09968	27.12669	29.97509	10
1745.025	1748.328	1387.328	84.99657	70.7786	85.83439	87.58082	38.18165	8.081702	53.73665	30.24354	23.49311	28.23158	10
1745.03	1748.333	1387.333	93.06794	65.68221	93.06794	93.38654	38.4824	9.236332	52.28126	24.3144	27.96687	28.75257	10
1745.035	1748.338	1387.338	92.24192	71.26596	91.71091	90.34208	42.00641	6.673256	51.32034	35.79993	15.52041	29.35527	10
1745.04	1748.344	1387.344	92.38352	85.13484	91.1091	89.18566	44.28133	4.371604	51.34706	27.25187	24.0952	29.62039	10
1745.045	1748.349	1387.349	94.44856	117.4955	92.90273	94.15356	36.6536	5.971174	57.37523	23.69442	33.68081	28.17862	10
1745.05	1748.354	1387.354	88.22984	121.0742	84.65436	82.51852	57.23852	0	42.76148	16.72355	26.03793	27.81189	10
1745.055	1748.359	1387.359	86.3654	77.2953	84.73696	82.66012	54.45873	0.986646	44.55462	17.83883	26.71579	30.75319	10
1745.06	1748.365	1387.365	88.41864	107.9711	86.3536	84.38296	48.52992	1.944937	49.52515	23.07826	26.44689	29.59608	10
1745.065	1748.37	1387.37	86.6604	124.4578	84.74877	91.3333	44.96884	3.31979	51.71137	23.66402	28.04736	27.21269	10
1745.07	1748.375	1387.375	84.30036	134.4974	81.6807	78.58904	50.19761	1.708135	48.09426	25.12691	22.96735	29.21644	10
1745.075	1748.38	1387.38	84.55996	84.22974	83.80475	84.13515	47.67416	3.71929	48.60655	34.08606	14.5205	29.11388	10
1745.08	1748.386	1387.386	84.53636	69.09373	84.00535	84.57176	49.6212	3.373113	47.00569	20.26678	26.73891	29.54293	10
1745.085	1748.391	1387.391	89.74027	74.07873	88.86705	87.14421	46.27934	4.355936	49.36472	21.88517	27.47956	29.76842	10
1745.09	1748.396	1387.396	95.20378	75.0256	94.20076	93.57535	42.02974	6.066659	51.9036	35.26495	16.63865	29.34994	10
1745.095	1748.401	1387.401	94.75537	77.14213	93.95295	91.93511	40.37539	7.014869	52.60974	18.43118	34.17856	29.37855	10

1745.1	1748.407	1387.407	98.74385	70.63936	98.26004	98.01224	35.81046	10.7143	53.47524	19.64885	33.82639	28.73575	10
1745.105	1748.412	1387.412	105.1868	113.1511	106.8034	109.4939	3.31669	37.97102	58.71229	58.71229	0	-9999	10
1745.11	1748.417	1387.417	108.3374	127.9807	109.0455	112.9041	3.871093	35.55864	60.57027	59.27096	1.299312	-9999	10
1745.115	1748.422	1387.422	115.9604	113.2207	116.8808	117.9664	0	54.11132	45.88868	45.88868	0	-9999	10
1745.12	1748.427	1387.427	118.0963	127.2149	118.7571	119.7365	0	56.64774	43.35226	43.35226	0	-9999	10
1745.125	1748.433	1387.433	120.7749	143.1864	121.0817	120.5389	0	58.77902	41.22098	41.22098	0	-9999	10
1745.13	1748.438	1387.438	122.7455	178.2206	123.548	125.4596	0	77.88209	22.11791	22.11791	0	-9999	10
1745.135	1748.443	1387.443	122.3443	145.3725	122.5213	123.8076	0	60.85353	39.14647	39.14647	0	-9999	10
1745.14	1748.448	1387.448	121.6481	97.43023	122.2971	122.9698	0	65.28694	34.71306	34.71306	0	-9999	10
1745.145	1748.454	1387.454	124.1144	115.5043	123.9728	123.9374	0	57.04704	42.95296	42.95296	0	-9999	10
1745.15	1748.459	1387.459	124.2324	107.1078	124.1498	123.607	0.426286	58.16155	41.41216	41.41216	0	-9999	10
1745.155	1748.464	1387.464	122.3561	93.6149	122.5095	122.8989	3.588673	56.899	39.51233	39.51233	0	-9999	10
1745.16	1748.469	1387.469	122.1201	92.44524	122.0139	121.5773	6.100797	50.7817	43.1175	43.1175	0	-9999	10
1745.165	1748.475	1387.475	122.5331	101.8304	122.8399	123.548	0.248805	61.23579	38.5154	38.5154	0	-9999	10
1745.17	1748.48	1387.48	122.2853	85.66397	122.4741	121.3649	5.30358	56.89649	37.79993	35.86225	1.937673	-9999	10
1745.175	1748.485	1387.485	121.0699	83.93732	121.3767	121.7189	5.9251	55.6284	38.4465	38.34061	0.105896	-9999	10
1745.18	1748.49	1387.49	122.1083	95.3137	122.0493	121.3177	5.051678	51.91154	43.03678	43.03678	0	-9999	10
1745.185	1748.496	1387.496	120.9401	102.2342	120.9401	121.2351	3.994421	50.48789	45.51769	45.51769	0	-9999	10
1745.19	1748.501	1387.501	119.9489	103.39	120.0315	122.3443	3.986491	49.60033	46.41318	40.0934	6.319776	-9999	10
1745.195	1748.506	1387.506	119.9607	99.07333	120.1377	120.6569	4.288642	51.09484	44.61652	44.61652	0	-9999	10
1745.2	1748.511	1387.511	118.4621	92.40346	118.6037	119.5831	7.555846	46.24931	46.19484	46.19484	0	-9999	10
1745.205	1748.517	1387.517	115.9486	97.38846	116.633	116.692	4.455066	49.29557	46.24936	46.24936	0	-9999	10
1745.21	1748.522	1387.522	116.397	91.05278	117.3174	119.1465	3.746727	53.81714	42.43613	42.43613	0	-9999	10
1745.215	1748.527	1387.527	131.0293	116.2006	131.2417	132.4571	0	92.14003	7.859971	7.859971	0	-9999	10
1745.22	1748.532	1387.532	132.7876	119.1386	132.7404	132.9646	0	91.67076	8.329241	8.329241	0	-9999	10
1745.225	1748.538	1387.538	134.3452	120.2526	134.0502	134.6284	0	89.84605	10.15395	10.15395	0	-9999	10
1745.23	1748.543	1387.543	133.9086	137.3241	134.003	134.9706	0	100	0	0	0	-9999	10
1745.235	1748.548	1387.548	133.5192	143.256	133.7434	135.183	0	100	0	0	0	-9999	10
1745.24	1748.553	1387.553	133.472	120.1551	133.3304	135.1476	0	91.51692	8.483084	8.483084	0	-9999	10
1745.245	1748.559	1387.559	132.3627	105.7989	132.1975	132.1267	0	84.8117	15.1883	15.1883	0	-9999	10
1745.25	1748.564	1387.564	130.6635	107.5812	130.9703	132.2683	0	92.90367	7.09633	7.09633	0	-9999	10
1745.255	1748.569	1387.569	130.4865	91.13633	130.8641	131.6075	0	93.22156	6.778437	6.778437	0	-9999	10
1745.26	1748.574	1387.574	132.2447	100.1455	132.2919	132.6105	0	91.15973	8.840268	8.840268	0	-9999	10
1745.265	1748.579	1387.579	131.5249	96.94287	132.0795	132.7522	0	100	0	0	0	-9999	10
1745.27	1748.585	1387.585	133.7906	142.7408	134.121	137.307	0	100	0	0	0	-9999	10
1745.275	1748.59	1387.59	134.18	144.2446	134.298	134.4868	0	100	0	0	0	-9999	10
1745.28	1748.595	1387.595	135.9736	134.3582	136.127	138.0977	0	100	0	0	0	-9999	10
1745.285	1748.6	1387.6	135.301	122.2299	135.7612	135.9972	0	100	0	0	0	-9999	10
1745.29	1748.606	1387.606	134.0974	114.641	134.3216	135.8792	0	100	0	0	0	-9999	10
1745.295	1748.611	1387.611	135.301	120.5172	135.3482	135.7376	0	100	0	0	0	-9999	10
1745.3	1748.616	1387.616	134.2036	108.9737	134.5812	136.5872	0	100	0	0	0	-9999	10
1745.305	1748.621	1387.621	134.298	108.1104	134.4868	135.8084	0	100	0	0	0	-9999	10
1745.31	1748.627	1387.627	133.6254	118.707	133.8614	134.4868	0	100	0	0	0	-9999	10
1745.315	1748.632	1387.632	134.4632	110.77	135.3836	136.8468	0	100	0	0	0	-9999	10
1745.32	1748.637	1387.637	133.4366	109.3914	133.767	134.4868	0	100	0	0	0	-9999	10
1745.325	1748.642	1387.642	133.0472	93.03007	133.4484	134.3452	0	100	0	0	0	-9999	10
1745.33	1748.648	1387.648	133.531	97.73657	133.708	133.177	0	100	0	0	0	-9999	10
1745.335	1748.653	1387.653	134.6874	109.9345	135.4308	135.5252	0	100	0	0	0	-9999	10
1745.34	1748.658	1387.658	135.9382	111.8004	135.7612	135.1122	0	100	0	0	0	-9999	10
1745.345	1748.663	1387.663	134.0974	145.47	134.2272	135.2774	0	100	0	0	0	-9999	10
1745.35	1748.669	1387.669	134.9116	115.6296	135.0178	136.2214	0	100	0	0	0	-9999	10
1745.355	1748.674	1387.674	135.5134	132.0885	135.3246	134.2154	0	100	0	0	0	-9999	10
1745.36	1748.679	1387.679	136.1624	108.4306	135.9146	136.1978	0	99.51753	0.482473	0.482473	0	-9999	10
1745.365	1748.684	1387.684	135.2184	107.7901	135.301	135.2538	0	100	0	0	0	-9999	10
1745.37	1748.69	1387.69	133.413	136.6558	133.6136	134.2744	0	100	0	0	0	-9999	10
1745.375	1748.695	1387.695	134.2154	142.5458	134.0738	134.8172	0	96.48987	3.510127	3.510127	0	-9999	10
1745.38	1748.7	1387.7	133.0236	127.9947	133.5428	134.7936	0	100	0	0	0	-9999	10
1745.385	1748.705	1387.705	130.6281	96.42766	130.7815	130.4629	0	87.09645	12.90355	12.90355	0	-9999	10
1745.39	1748.711	1387.711	130.8523	105.5065	131.3479	130.4983	0	99.78885	0.21115	0.21115	0	-9999	10
1745.395	1748.716	1387.716	130.7697	91.76293	131.1709	131.0175	0	95.38317	4.616833	4.616833	0	-9999	10
1745.4	1748.721	1387.721	129.6251	93.43388	130.0971	128.5159	0	92.25813	7.741872	7.741872	0	-9999	10
1745.405	1748.726	1387.726	129.9555	92.59841	130.3331	130.7579	0	90.82931	9.170689	9.170689	0	-9999	10
1745.41	1748.732	1387.732	131.2889	83.83985	131.7963	133.5192	0	100	0	0	0	-9999	10
1745.415	1748.737	1387.737	131.9851	104.9217	132.3981	133.6608	0	100	0	0	0	-9999	10
1745.42	1748.742	1387.742	134.3452	109.0016	134.77	135.4072	0	100	0	0	0	-9999	10
1745.425	1748.747	1387.747	133.1416	107.7623	133.1652	135.596	0	95.06689	4.93311	4.93311	0	-9999	10
1745.43	1748.752	1387.752	134.0384	133.7177	134.121	134.2744	0	100	0	0	0	-9999	10
1745.435	1748.758	1387.758	136.835	158.7123	136.3512	137.307	0	96.3816	3.618399	3.618399	0	-9999	10
1745.44	1748.763	1387.763	135.9382	129.3314	135.4662	135.6668	0	90.76434	9.235656	9.235656	0	-9999	10
1745.445	1748.768	1387.768	134.3688	159.5338	134.1328	133.7906	0	94.81499	5.185007	5.185007	0	-9999	10
1745.45	1748.773	1387.773	131.6311	127.6048	131.4895	130.8877	0	83.98212	16.01788	16.01788	0	-9999	10
1745.455	1748.779	1387.779	132.2565	121.9236	132.6695	132.4807	0	100	0	0	0	-9999	10
1745.46	1748.784	1387.784	130.4865	119.1804	130.7697	131.7845	0	92.11229	7.887713	7.887713	0	-9999	10

1745.465	1748.789	1387.789	130.0853	144.2029	130.1797	131.6075	0	86.12904	13.87096	13.87096	0	-9999	10
1745.47	1748.794	1387.794	133.3422	130.2505	133.3894	133.1652	0	98.40358	1.596418	1.596418	0	-9999	10
1745.475	1748.8	1387.8	135.006	140.4989	134.9706	136.7052	0	100	0	0	0	-9999	10
1745.48	1748.805	1387.805	135.419	111.4384	135.478	135.9972	0	100	0	0	0	-9999	10
1745.485	1748.81	1387.81	134.4278	100.8418	134.357	134.1446	0	97.37068	2.629323	2.629323	0	-9999	10
1745.49	1748.815	1387.815	134.7464	115.0309	134.4514	133.3068	0	91.31176	8.688236	8.688236	0	-9999	10
1745.495	1748.821	1387.821	133.7552	105.8268	133.767	134.888	0	97.48572	2.514276	2.514276	0	-9999	10
1745.5	1748.826	1387.826	134.7464	116.298	134.8998	135.8084	0	100	0	0	0	-9999	10
1745.505	1748.831	1387.831	134.0974	117.0221	134.062	133.9676	0	98.17092	1.829083	1.829083	0	-9999	10
1745.51	1748.836	1387.836	134.121	112.5941	134.1446	132.6105	0	100	0	0	0	-9999	10
1745.515	1748.842	1387.842	131.9261	187.2994	129.6487	129.2357	0	21.63213	78.36787	78.36787	0	-9999	10
1745.52	1748.847	1387.847	133.1062	171.871	131.4777	130.7815	0	42.61466	57.38534	57.38534	0	-9999	10
1745.525	1748.852	1387.852	135.3718	151.012	134.5222	135.478	0	75.12316	24.87684	24.87684	0	-9999	10
1745.53	1748.857	1387.857	133.5428	93.36426	133.5546	134.0738	0	95.60561	4.394385	4.394385	0	-9999	10
1745.535	1748.863	1387.863	133.6962	99.76956	133.6726	132.1975	0	95.48739	4.512612	4.512612	0	-9999	10
1745.54	1748.868	1387.868	135.0886	111.9814	135.124	133.5074	0	100	0	0	0	-9999	10
1745.545	1748.873	1387.873	134.4986	119.807	133.6608	130.7343	0	70.33365	29.66635	29.66635	0	-9999	10
1745.55	1748.878	1387.878	134.9352	97.91759	134.8408	132.5869	0	98.78753	1.212473	1.212473	0	-9999	10
1745.555	1748.884	1387.884	134.0266	96.33019	134.0974	133.5428	0	100	0	0	0	-9999	10
1745.56	1748.889	1387.889	132.7994	100.8	132.9882	131.8553	0	98.80413	1.195866	1.195866	0	-9999	10
1745.565	1748.894	1387.894	134.1328	122.3831	134.2744	136.068	0	100	0	0	0	-9999	10
1745.57	1748.899	1387.899	134.8644	150.1904	135.1358	135.7022	0	100	0	0	0	-9999	10
1745.575	1748.904	1387.904	131.9851	104.4761	131.9261	133.0472	0	86.68078	13.31922	13.31922	0	-9999	10
1745.58	1748.91	1387.91	132.5161	78.59029	132.6459	132.3863	0	93.83979	6.160207	6.160207	0	-9999	10
1745.585	1748.915	1387.915	131.7845	97.29099	132.1857	133.3068	0	100	0	0	0	-9999	10
1745.59	1748.92	1387.92	133.8614	110.77	133.6608	134.7464	0	90.51426	9.485736	9.485736	0	-9999	10
1745.595	1748.925	1387.925	133.9794	120.0994	133.9558	135.6078	0	98.23945	1.760549	1.760549	0	-9999	10
1745.6	1748.931	1387.931	133.413	101.7329	133.5546	134.77	0	100	0	0	0	-9999	10
1745.605	1748.936	1387.936	133.7198	99.07333	133.8732	133.4484	0	100	0	0	0	-9999	10
1745.61	1748.941	1387.941	133.2714	102.4292	133.4484	134.1682	0	100	0	0	0	-9999	10
1745.615	1748.946	1387.946	132.4689	136.8368	133.5546	134.6284	0	100	0	0	0	-9999	10
1745.62	1748.952	1387.952	131.4423	113.7777	131.7255	131.9143	0	96.25444	3.745561	3.745561	0	-9999	10
1745.625	1748.957	1387.957	133.2478	85.4551	133.4956	133.9676	0	100	0	0	0	-9999	10
1745.63	1748.962	1387.962	132.5515	95.74536	133.2006	134.416	0	100	0	0	0	-9999	10
1745.635	1748.967	1387.967	132.0323	88.92232	132.4099	134.2154	0	100	0	0	0	-9999	10
1745.64	1748.973	1387.973	132.2329	85.63612	132.764	134.357	0	100	0	0	0	-9999	10
1745.645	1748.978	1387.978	131.8199	94.72887	132.3745	133.3776	0	100	0	0	0	-9999	10
1745.65	1748.983	1387.983	131.5485	102.7076	132.1385	133.4484	0	100	0	0	0	-9999	10
1745.655	1748.988	1387.988	131.6783	110.5193	132.0677	131.1709	0	100	0	0	0	-9999	10
1745.66	1748.994	1387.994	128.4569	117.8854	128.5395	132.6105	0	77.41832	22.58168	22.58168	0	-9999	10
1745.665	1748.999	1387.999	126.8992	91.08063	127.6662	129.2829	0	88.08443	11.91557	11.91557	0	-9999	10
1745.67	1749.004	1388.004	127.8787	80.33086	128.3389	130.9349	0	83.18602	16.81398	16.81398	0	-9999	10
1745.675	1749.009	1388.009	124.9994	103.1115	126.0378	127.5482	0	87.49744	12.50256	12.50256	0	-9999	10
1745.68	1749.015	1388.015	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1746.03	1749.38	1388.38	97.91784	78.33964	98.36624	99.71147	27.48223	16.38782	56.12996	41.24039	14.88956	27.78907	10
1746.035	1749.385	1388.385	103.4994	132.4784	104.0894	103.759	8.148235	27.36987	64.48189	51.72624	12.75566	28.22676	10
1746.04	1749.39	1388.39	106.0482	147.4473	106.6736	107.4642	1.906458	32.30868	65.78486	65.78486	0	-9999	10
1746.045	1749.395	1388.395	107.1574	105.2001	107.653	109.2697	12.11575	29.88748	57.99677	38.22875	19.76801	27.17313	10
1746.05	1749.4	1388.4	103.936	132.0328	103.9006	108.0896	12.70134	22.66338	64.63528	43.63439	21.0009	27.27052	10
1746.055	1749.405	1388.405	106.6736	120.5589	106.237	105.9774	16.06873	21.30869	62.62259	33.94236	28.68023	27.95894	10
1746.06	1749.41	1388.41	111.0043	166.4683	109.1871	107.5232	11.67431	14.11136	74.21433	55.57417	18.64016	29.25976	10
1746.065	1749.415	1388.415	113.3054	185.2804	112.7625	118.2851	0	32.6282	67.3718	67.3718	0	-9999	10
1746.07	1749.42	1388.42	114.1668	196.6289	114.7804	118.9813	0	50.65916	49.34084	49.34084	0	-9999	10
1746.075	1749.425	1388.425	114.155	174.447	113.6712	118.1671	0	33.91233	66.08767	66.08767	0	-9999	10
1746.08	1749.43	1388.43	113.0103	201.6696	112.6917	113.5178	0	36.18752	63.81248	63.81248	0	-9999	10
1746.085	1749.435	1388.435	110.8391	182.022	110.9099	116.9988	0	36.24874	63.75126	63.75126	0	-9999	10
1746.09	1749.44	1388.44	113.8954	100.243	114.2258	116.5268	8.396807	39.58429	52.01891	36.17081	15.84809	26.12521	10
1746.095	1749.445	1388.445	115.512	118.0525	115.512	116.4088	5.160251	39.29375	55.546	55.42798	0.118021	-9999	10
1746.1	1749.45	1388.45	115.5828	175.8673	115.099	114.8158	0	36.2384	63.7616	63.7616	0	-9999	10
1746.105	1749.455	1388.455	110.6385	124.9452	110.7565	111.0869	7.061328	32.62699	60.31168	60.04067	0.271013	-9999	10
1746.11	1749.46	1388.46	107.5586	112.6637	107.594	108.3611	13.50708	26.37903	60.11388	42.52979	17.58409	27.5104	10
1746.115	1749.465	1388.465	109.1635	114.7106	109.8715	113.0103	6.322526	36.13532	57.54215	45.65087	11.89128	-9999	10
1746.12	1749.47	1388.47	108.7151	118.3171	108.6797	110.1665	11.62377	27.60867	60.76756	42.60869	18.15887	27.40259	10
1746.125	1749.475	1388.475	109.2107	168.0974	108.1486	104.821	7.077275	20.87652	72.0462	71.32484	0.721364	-9999	10
1746.13	1749.48	1388.48	109.1399	159.7984	108.125	108.9865	8.784974	20.73651	70.47851	54.8833	15.59522	28.43254	10
1746.135	1749.485	1388.485	105.352	145.0662	104.5024	104.526	14.55469	18.0487	67.39661	54.30173	13.09488	28.22804	10
1746.14	1749.49	1388.49	105.5172	144.6345	104.3372	104.7502	17.06781	15.33533	67.59686	47.85581	19.74105	28.20351	10
1746.145	1749.495	1388.495	106.1662	114.0422	106.001	106.0246	16.00919	22.81741	61.17339	32.88294	28.29045	27.79158	10
1746.15	1749.5	1388.5	104.821	139.566	105.588	107.063	3.845359	31.24106	64.91359	64.00674	0.906849	-9999	10
1746.155	1749.505	1388.505	105.0452	171.3419	104.0894	103.9478	9.301304	18.68487	72.01383	57.3271	14.68673	28.64477	10
1746.16	1749.51	1388.51	109.6001	198.9264	108.1486	108.5027	2.276313	19.27617	78.44751	75.72596	2.721552	-9999	10
1746.165	1749.515	1388.515	108.3847	149.2714	108.0542	108.1958	6.723091	26.21707	67.05984	67.05984	0	-9999	10
1746.17	1749.52	1388.52	108.5853	182.9689	107.417	107.6884	4.876832	20.28959	74.83358	72.95442	1.879162	-9999	10

1746.175	1749.525	1388.525	107.6412	163.753	106.4612	105.9302	10.48703	18.14658	71.36639	50.49588	20.87051	28.70745	10
1746.18	1749.53	1388.53	107.9716	158.5313	107.0984	107.1456	9.068964	21.00329	69.92775	63.91111	6.016635	28.51473	10
1746.185	1749.535	1388.535	109.1753	158.7262	108.6797	109.5411	4.987993	26.08459	68.92742	68.92742	0	-9999	10
1746.19	1749.54	1388.54	108.8921	181.6321	108.066	108.6443	2.265962	23.90527	73.82877	73.82877	0	-9999	10
1746.195	1749.545	1388.545	110.4497	200.0404	108.8803	109.9069	2.139604	18.69547	79.16492	79.16492	0	-9999	10
1746.2	1749.55	1388.55	109.5883	176.7307	108.7505	110.5559	2.903047	24.14578	72.95117	72.95117	0	-9999	10
1746.205	1749.555	1388.555	111.7005	189.3742	110.4025	112.0191	1.466677	21.91615	76.61717	76.61717	0	-9999	10
1746.21	1749.56	1388.56	114.7332	250.8651	112.5973	114.45	0	17.92975	82.07025	82.07025	0	-9999	10
1746.215	1749.565	1388.565	111.9955	219.7576	110.3317	110.5795	0	20.00597	79.99403	79.99403	0	-9999	10
1746.22	1749.57	1388.57	112.0191	238.695	110.1901	112.3141	0	19.41887	80.58113	80.58113	0	-9999	10
1746.225	1749.575	1388.575	109.9187	219.7576	109.4231	112.0427	0	31.08926	68.91074	68.91074	0	-9999	10
1746.23	1749.58	1388.58	105.6234	123.3439	106.0954	107.4406	9.319188	28.62091	62.0599	57.82233	4.237572	27.64328	10
1746.235	1749.585	1388.585	102.4491	106.885	102.5553	102.8739	19.05756	20.49975	60.44269	46.39277	14.04992	27.77635	10
1746.24	1749.59	1388.59	105.4464	173.9597	104.7266	103.4167	6.469642	21.19227	72.33809	56.74229	15.5958	-9999	10
1746.245	1749.595	1388.595	107.6058	177.218	106.532	106.4612	6.437989	20.02902	73.53299	58.79552	14.73747	-9999	10
1746.25	1749.6	1388.6	106.945	159.8819	105.706	101.8119	12.5216	16.8335	70.6449	53.80769	16.83721	29.23053	10
1746.255	1749.605	1388.605	104.703	144.6624	103.877	103.936	15.0666	17.69742	67.23599	50.34203	16.89396	28.19668	10
1746.26	1749.61	1388.61	106.0482	213.3384	104.5496	105.9302	2.422156	17.59141	79.98643	79.98643	0	-9999	10
1746.265	1749.615	1388.615	108.1604	208.8129	107.2282	105.7886	0	23.99313	76.00687	76.00687	0	-9999	10
1746.27	1749.62	1388.62	105.4346	184.1246	104.29	104.0894	7.312851	18.24355	74.4436	57.54705	16.89655	-9999	10
1746.275	1749.625	1388.625	104.9154	145.6232	104.3844	102.2485	12.35238	20.41621	67.23141	52.81304	14.41837	28.61678	10
1746.28	1749.63	1388.63	103.759	162.1099	103.9596	103.2279	3.75649	26.4501	69.79341	69.79341	0	-9999	10
1746.285	1749.635	1388.635	104.7738	208.0749	104.4552	104.5968	0	26.29897	73.70103	73.70103	0	-9999	10
1746.29	1749.64	1388.64	104.5968	192.7579	104.1838	105.3048	0.324384	24.29203	75.38359	75.38359	0	-9999	10
1746.295	1749.645	1388.645	103.0981	202.3937	102.7795	99.66427	0	24.28772	75.71228	75.71228	0	-9999	10
1746.3	1749.65	1388.65	99.80587	153.8387	99.29846	99.87668	14.88207	16.9355	68.18243	55.60596	12.57647	28.01607	10
1746.305	1749.655	1388.655	100.8797	134.9848	100.5965	100.7971	16.7192	18.03027	65.25053	41.37315	23.87738	27.98946	10
1746.31	1749.66	1388.66	102.9683	142.5319	102.2957	102.6025	15.98916	17.3976	66.61324	49.47706	17.13618	28.07454	10
1746.315	1749.665	1388.665	102.3547	151.1652	101.4933	101.5169	15.92767	16.11122	67.96111	53.90012	14.06099	28.17524	10
1746.32	1749.67	1388.67	102.3193	137.9229	101.5641	101.3517	18.3418	15.97302	65.68518	44.49848	21.1867	28.12389	10
1746.325	1749.675	1388.675	99.80587	131.5176	99.73507	98.64945	16.90005	18.33214	64.76781	50.27807	14.48974	28.19585	10
1746.33	1749.68	1388.68	99.86488	165.3404	99.35747	100.2661	12.04437	17.75486	70.20077	43.66432	26.53645	28.10848	10
1746.335	1749.685	1388.685	100.6909	136.5861	100.5493	100.3841	15.40796	18.96738	65.62467	38.90911	26.71555	28.08019	10
1746.34	1749.69	1388.69	99.36927	121.5058	99.07426	99.13326	21.46216	15.81299	62.72484	46.73893	15.98592	27.94305	10
1746.345	1749.695	1388.695	96.82041	94.31113	96.91482	96.79681	27.37031	14.36087	58.26882	26.67854	31.59027	28.06062	10
1746.35	1749.7	1388.7	97.71723	105.4229	96.93842	96.077	30.62362	10.62722	58.74916	22.932	35.81717	28.38116	10
1746.355	1749.705	1388.705	97.05642	105.3115	97.02102	96.97382	25.49706	14.52891	59.97403	38.06604	21.90799	27.98298	10
1746.36	1749.71	1388.71	96.372	137.0178	95.92359	96.59621	21.65462	13.83176	64.51362	44.73716	19.77646	27.75362	10
1746.365	1749.715	1388.715	97.57563	165.9809	97.42223	97.04462	11.25192	18.32093	70.42716	45.82913	24.59802	28.33913	10
1746.37	1749.72	1388.72	96.85581	129.4707	96.82041	97.95324	19.8351	16.00576	64.15914	45.13185	19.02728	27.70869	10
1746.375	1749.725	1388.725	97.32782	166.6214	96.78501	96.3956	14.3428	15.89708	69.76012	48.84546	20.91465	28.15031	10
1746.38	1749.73	1388.73	95.22738	181.5068	94.18896	94.12996	16.51393	13.08426	70.40181	41.88893	28.51288	27.83601	10
1746.385	1749.735	1388.735	94.44856	127.006	94.56657	96.2894	21.45734	14.90152	63.64114	49.73909	13.90204	27.54319	10
1746.39	1749.74	1388.74	99.31026	176.1598	98.30724	98.62585	13.7773	14.94508	71.27762	54.24553	17.03209	28.13982	10
1746.395	1749.745	1388.745	100.7499	193.7604	99.82947	99.42827	7.553321	17.51493	74.93175	69.28509	5.646659	-9999	10
1746.4	1749.75	1388.75	99.45187	146.7511	99.34567	99.71147	13.81359	18.82056	67.36585	41.73338	25.63246	28.05935	10
1746.405	1749.755	1388.755	102.7441	213.9789	101.9063	101.0567	0.185585	20.80133	79.01308	79.01308	0	-9999	10
1746.41	1749.76	1388.76	100.9977	233.8214	100.1245	101.7411	0	20.69726	79.30274	79.30274	0	-9999	10
1746.415	1749.765	1388.765	101.0213	194.1085	100.5139	99.47547	4.018569	20.56545	75.41598	67.65328	7.762704	-9999	10
1746.42	1749.77	1388.77	99.28666	209.4813	98.82645	99.21586	1.528426	20.62134	77.85024	77.85024	0	-9999	10
1746.425	1749.775	1388.775	97.05642	268.048	96.70241	99.68787	0	23.6584	76.3416	76.3416	0	-9999	10
1746.43	1749.78	1388.78	91.1209	278.9231	90.29488	90.48368	0	18.90632	81.09368	81.09368	0	-9999	11
1746.435	1749.785	1388.785	88.60744	246.6042	87.53362	86.04679	7.125061	14.85997	78.01496	68.13811	9.876858	-9999	11
1746.44	1749.79	1388.79	88.04103	217.6968	87.52182	87.42742	10.34352	14.73187	74.92461	52.52069	22.40392	27.69092	11
1746.445	1749.795	1388.795	87.97023	269.9139	88.13543	89.35086	0	20.76068	79.23932	79.23932	0	-9999	11
1746.45	1749.8	1388.8	83.89915	283.003	84.94937	86.5896	0	22.48144	77.51856	77.51856	0	-9999	11
1746.455	1749.805	1388.805	82.41232	252.5778	83.41534	89.02045	0	19.47202	80.52798	80.52798	0	-9999	11
1746.46	1749.81	1388.81	83.10853	251.1714	83.74574	84.90217	0	18.63058	81.36942	81.36942	0	-9999	11
1746.465	1749.815	1388.815	81.7869	213.0599	82.67192	84.25315	6.336666	16.14468	77.51865	70.36055	7.158103	-9999	11
1746.47	1749.82	1388.82	81.5863	208.3952	82.16451	82.28251	10.02784	14.86902	75.10315	62.09653	13.00662	27.55376	11
1746.475	1749.825	1388.825	83.89915	197.1998	84.61896	87.46282	9.511869	15.63792	74.85021	58.01099	16.83922	27.37552	11
1746.48	1749.83	1388.83	82.64832	178.3459	83.98175	85.12637	10.46977	15.58721	73.94302	66.83598	7.107041	27.81074	11
1746.485	1749.835	1388.835	82.21171	194.2756	84.08795	87.40382	2.809672	18.05945	79.13087	79.13087	0	-9999	11
1746.49	1749.84	1388.84	80.90189	172.428	82.61292	88.51304	10.58217	15.29032	74.12751	58.21097	15.91654	26.98356	11
1746.495	1749.845	1388.845	80.12307	148.06	80.35907	80.51248	28.62722	9.294754	62.07802	35.16911	26.90891	26.94768	11
1746.5	1749.85	1388.85	75.75698	212.0016	77.29101	79.09645	7.110443	14.92964	77.95992	62.82113	15.13879	-9999	11
1746.505	1749.855	1388.855	73.44413	200.0265	74.94276	77.71582	12.4106	13.11105	74.47835	64.83787	9.640482	26.57543	11
1746.51	1749.86	1388.86	73.26713	155.3286	74.36455	75.50918	26.49969	9.260683	64.23962	34.51772	29.7219	26.40157	11
1746.515	1749.865	1388.865	77.29101	256.8527	76.20539	76.20539	15.1475	12.84208	72.01042	53.19035	18.82007	25.73093	11
1746.52	1749.87	1388.87	72.81872	208.6458	72.67712	73.72734	23.61192	10.48821	65.89987	45.54559	20.35428	25.41576	11
1746.525	1749.875	1388.875	70.50587	166.3847	70.71828	73.10193	33.22336	7.707434	59.0692	25.72715	33.34205	25.55895	11
1746.53	1749.88	1388.88	76.35879	149.6613	75.09617	71.29649	43.31723	5.0984	51.58437	21.12832	30.45605	27.70457	11
1746.535	1749.885	1388.885	77.39721	105.8685	76.20539	70.50587	52.41102	2.448575	45.1404	15.10942	30.03099	29.9177	11

1746.54	1749.89	1388.89	76.14639	66.67085	74.37635	73.05472	67.52876	0	32.47124	6.294989	26.17625	30.44327	3
1746.545	1749.895	1388.895	76.15819	46.522	75.94578	72.50011	60.32228	0.20014	39.47758	13.94541	25.53217	31.87167	3
1746.55	1749.9	1388.9	75.28497	58.42751	75.30857	75.35577	56.41547	1.252623	42.33191	28.34668	13.98523	30.27173	3
1746.555	1749.905	1388.905	81.23229	70.54188	80.50068	81.5981	53.86517	1.931119	44.20371	20.87367	23.33004	29.8056	3
1746.56	1749.91	1388.91	85.26798	131.5733	83.58054	81.3857	42.79035	4.272051	52.9376	28.93349	24.00412	28.39373	3
1746.565	1749.915	1388.915	88.84345	200.291	86.4834	84.20595	28.08397	7.203624	64.71241	43.51205	21.20036	27.19188	3
1746.57	1749.92	1388.92	87.54542	94.06049	86.80201	84.65436	42.45704	5.395783	52.14717	32.40308	19.7441	29.05065	3
1746.575	1749.925	1388.925	84.25315	86.33235	83.81655	82.77812	44.97839	4.728026	50.29359	17.61316	32.68042	29.012	3
1746.58	1749.93	1388.93	86.17659	110.0877	85.27978	81.27949	41.02666	5.508961	53.46438	34.20811	19.25627	28.97261	3
1746.585	1749.935	1388.935	85.40958	129.2897	83.55694	79.12005	44.49304	3.645358	51.86161	22.2779	29.5837	29.00595	3
1746.59	1749.94	1388.94	90.38928	186.4918	89.33906	89.09125	19.85006	11.47572	68.67422	40.60753	28.06669	27.35663	3
1746.595	1749.945	1388.945	90.55448	186.5753	90.80229	97.13902	9.618151	16.94387	73.43798	63.50326	9.934722	27.01124	3
1746.6	1749.95	1388.95	88.18264	124.7502	87.74603	83.98175	32.06614	8.819378	59.11449	24.13816	34.97632	28.39721	3
1746.605	1749.955	1388.955	89.06765	127.6744	88.44224	87.67523	32.0075	8.671696	59.3208	37.75753	21.56327	27.8533	3
1746.61	1749.96	1388.96	92.60773	118.1221	93.46914	98.34264	19.53934	16.62826	63.83239	40.58425	23.24815	27.03897	3
1746.615	1749.965	1388.965	91.4277	93.5035	91.1681	91.3569	35.27061	8.961635	55.76776	29.84051	25.92725	28.2631	3
1746.62	1749.97	1388.97	92.30092	109.3775	93.50454	98.07124	19.2857	17.45484	63.25946	48.57509	14.68436	27.15518	3
1746.625	1749.975	1388.975	96.195	79.49538	97.10362	100.5729	25.22092	17.57079	57.20829	38.47193	18.73636	27.33615	3
1746.63	1749.98	1388.98	94.81437	120.0437	96.56081	100.7499	10.18531	23.66649	66.1482	44.12744	22.02076	27.64148	3
1746.635	1749.985	1388.985	94.81437	130.1948	97.32782	100.9151	1.784397	28.83668	69.37892	69.37892	0	-9999	3
1746.64	1749.99	1388.99	94.22436	174.5027	97.82343	103.3459	0	37.46815	62.53185	62.53185	0	-9999	3
1746.645	1749.995	1388.995	94.99138	180.6713	99.09786	103.641	0	42.46419	57.53581	57.53581	0	-9999	3
1746.65	1750	1389	95.22738	153.4766	99.36927	103.5702	0	41.31626	58.68374	58.68374	0	-9999	3
1746.655	1750.005	1389.005	91.56931	148.6866	94.16536	97.44583	0	26.30338	73.69662	73.69662	0	-9999	3
1746.66	1750.01	1389.01	94.01196	144.1611	96.46641	96.3248	0	28.33902	71.66098	71.66098	0	-9999	3
1746.665	1750.015	1389.015	89.37446	154.5488	91.5575	86.566	3.456082	22.31305	74.23087	74.23087	0	-9999	3
1746.67	1750.02	1389.02	86.17659	140.5268	86.2356	86.4952	26.25279	10.75833	62.98887	32.5558	30.43307	27.35719	3
1746.675	1750.025	1389.025	85.39778	99.04548	86.84921	89.10305	26.21646	12.35166	61.43188	28.59932	32.83257	27.51495	3
1746.68	1750.03	1389.03	88.35964	81.86256	89.02045	89.79927	33.77709	10.20039	56.02252	26.24108	29.78145	28.10455	3
1746.685	1750.035	1389.035	96.0652	171.9824	94.00016	94.23616	26.00436	7.502989	66.49265	33.6878	32.80485	27.7045	3
1746.69	1750.04	1389.04	92.44252	116.0752	91.5339	86.93181	33.90447	8.09674	57.99879	32.4417	25.55709	28.93427	3
1746.695	1750.045	1389.045	98.42525	125.1262	98.69665	100.4903	17.06484	18.90197	64.0332	50.51335	13.51985	27.63538	3
1746.7	1750.05	1389.05	99.42827	101.8025	100.4195	101.9535	16.20782	23.1952	60.59698	43.53324	17.06375	27.58415	3
1746.705	1750.055	1389.055	95.61679	102.095	93.79955	91.99411	41.40916	3.929707	54.66113	18.67983	35.9813	29.38009	3
1746.71	1750.06	1389.06	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1747.06	1750.41	1389.41	95.86459	31.99867	96.0416	98.88546	42.68912	9.869053	47.44183	15.90922	31.53261	28.93884	9
1747.065	1750.415	1389.415	96.84401	64.62394	97.05642	97.04462	33.61838	13.06767	53.31395	19.84155	33.47241	28.43036	9
1747.07	1750.42	1389.42	94.61377	64.55432	93.82315	91.1209	43.46046	6.155006	50.38453	17.73236	32.65217	29.91521	9
1747.075	1750.425	1389.425	93.96475	78.64598	93.53995	94.44856	37.81237	8.581055	53.60658	26.15069	27.45589	28.51834	9
1747.08	1750.43	1389.43	85.55118	87.37669	84.22955	82.19991	50.39036	2.45947	47.15017	21.05823	26.09194	29.89517	9
1747.085	1750.435	1389.435	86.20019	30.11885	85.91699	84.83137	55.6019	2.153997	42.2441	15.79119	26.4529	31.40673	9
1747.09	1750.44	1389.44	88.12363	28.09979	87.93483	88.59564	53.58934	3.188463	43.2222	23.61888	19.60332	30.84226	9
1747.095	1750.445	1389.445	87.03801	34.82536	87.45102	89.06765	48.29648	5.307926	46.3956	23.24465	23.15095	29.73341	9
1747.1	1750.45	1389.45	88.38324	52.34247	88.84345	89.69307	42.45392	7.436529	50.10955	20.47704	29.63251	29.02076	9
1747.105	1750.455	1389.455	90.53088	50.64367	90.03527	90.36568	48.2968	4.618953	47.08425	24.16985	22.9144	29.92653	9
1747.11	1750.46	1389.46	90.30668	59.66679	89.72847	87.72243	46.95963	4.788064	48.2523	16.06799	32.18432	30.07153	9
1747.115	1750.465	1389.465	93.89395	121.464	92.94993	91.3333	31.53941	8.912672	59.54791	36.5437	23.00421	28.3084	9
1747.12	1750.47	1389.47	97.49303	81.82079	96.82041	93.79955	35.71854	9.521242	54.76022	39.07501	15.68521	29.17945	9
1747.125	1750.475	1389.475	98.85005	93.54528	97.76443	93.04434	34.83357	8.612912	56.55352	40.49744	16.05608	29.47624	9
1747.13	1750.48	1389.48	91.68731	58.83132	91.89971	92.76113	39.76436	8.879868	51.35577	32.44377	18.912	28.76833	9
1747.135	1750.485	1389.485	93.02074	84.92597	91.56931	90.29488	45.11742	3.777432	51.10515	28.11581	22.98934	29.63581	9
1747.14	1750.49	1389.49	97.49303	93.62882	97.45763	93.18594	27.9226	14.08067	57.99674	36.62352	21.37322	28.85226	9
1747.145	1750.495	1389.495	109.2225	69.31652	109.8715	109.2697	17.71088	32.51935	49.76977	39.89537	9.874404	26.85203	9
1747.15	1750.5	1389.5	116.8926	50.3234	117.0224	117.7776	19.27455	39.59702	41.12843	26.86721	14.26122	25.28327	9
1747.155	1750.505	1389.505	119.4887	108.9459	121.0699	124.2206	0	77.02957	22.97043	22.97043	0	-9999	9
1747.16	1750.51	1389.51	121.0227	103.0836	122.2145	125.023	0	74.6921	25.3079	25.3079	0	-9999	9
1747.165	1750.515	1389.515	117.7068	99.10118	119.4533	118.1671	0	72.70848	27.29152	27.29152	0	-9999	9
1747.17	1750.52	1389.52	110.7683	51.53484	110.9335	112.3495	24.34141	28.43622	47.22238	24.76416	22.45822	26.62484	9
1747.175	1750.525	1389.525	104.3962	68.46712	103.6646	101.7293	33.0565	13.08227	53.86124	26.23407	27.62716	28.86406	9
1747.18	1750.53	1389.53	98.85005	61.0871	99.06246	99.08606	32.62874	14.59144	52.77982	34.63206	18.14776	28.33512	9
1747.185	1750.535	1389.535	99.12146	78.17255	100.3723	101.9535	20.1966	23.01995	56.78345	44.75923	12.02422	27.4637	9
1747.19	1750.54	1389.54	101.9771	59.17943	101.4225	100.6555	36.15787	11.86902	51.97311	36.28704	15.68606	28.89631	9
1747.195	1750.545	1389.545	106.296	81.3195	105.883	106.8742	25.72917	18.47968	55.79115	25.95273	29.83842	27.70098	9
1747.2	1750.55	1389.55	113.9308	179.1118	116.869	122.0611	0	83.69421	16.30579	16.30579	0	-9999	9
1747.205	1750.555	1389.555	108.6443	85.90069	110.4615	112.0427	5.175729	45.65985	49.16442	44.40104	4.763387	-9999	9
1747.21	1750.56	1389.56	99.86488	88.46281	98.44885	96.4074	37.69054	6.705775	55.60368	25.59097	30.01272	29.34951	9
1747.215	1750.565	1389.565	92.25372	103.0279	90.68429	91.4041	42.35692	4.265853	53.37722	17.6211	35.75612	28.72689	9
1747.22	1750.57	1389.57	89.91727	69.60894	89.04405	93.45734	47.19819	4.119612	48.6822	16.11056	32.57165	28.79417	9
1747.225	1750.575	1389.575	82.55392	51.71586	82.43592	81.7397	52.44967	2.724059	44.82627	22.77543	22.05084	30.32015	9
1747.23	1750.58	1389.58	84.79597	71.58623	84.40656	83.53334	47.68176	4.069784	48.24846	33.87723	14.37123	29.52285	9
1747.235	1750.585	1389.585	92.83193	31.77587	92.28912	91.1917	51.11165	4.248283	44.64007	14.54921	30.09086	30.90286	9
1747.24	1750.59	1389.59	92.44252	39.76858	91.3805	91.4159	53.55955	2.264305	44.17614	21.11979	23.05636	31.05801	9
1747.245	1750.595	1389.595	93.41014	31.58093	92.69033	91.4631	51.99865	3.691128	44.31022	16.52479	27.78543	31.11498	9

1747.25	1750.6	1389.6	94.47216	36.53808	93.83495	92.71393	49.18179	4.959647	45.85856	15.84774	30.01082	30.61848	9
1747.255	1750.605	1389.605	92.47792	51.29812	92.72573	93.05614	40.58567	9.059368	50.35496	26.43707	23.91788	29.0158	9
1747.26	1750.61	1389.61	95.27458	91.9718	95.88819	98.17744	25.33471	15.85588	58.80941	37.31462	21.4948	27.54918	9
1747.265	1750.615	1389.615	96.254	91.87433	97.43403	98.94446	20.06754	20.08132	59.85114	32.44555	27.40559	27.64324	9
1747.27	1750.62	1389.62	96.85581	52.17537	98.60225	99.87668	24.73133	21.61759	53.65108	37.24965	16.40143	27.66716	9
1747.275	1750.625	1389.625	97.82343	27.52888	98.31904	100.1009	39.49947	13.16342	47.3371	23.72063	23.61647	28.70095	9
1747.28	1750.63	1389.63	95.81739	21.1375	95.74659	96.46641	47.28143	7.725715	44.99285	21.39741	23.59544	30.05729	9
1747.285	1750.635	1389.635	96.96202	45.36626	96.96202	97.08002	39.81631	10.61698	49.56671	30.18993	19.37677	29.05816	9
1747.29	1750.64	1389.64	96.1832	139.2596	96.56081	94.99138	14.88416	18.50633	66.60951	54.49105	12.11846	28.33791	9
1747.295	1750.645	1389.645	101.2927	130.5568	103.8888	106.9804	0	40.27264	59.72736	59.72736	0	-9999	9
1747.3	1750.65	1389.65	99.06246	94.49215	100.3369	103.2161	16.11863	24.20909	59.67227	30.76981	28.90246	27.31171	9
1747.305	1750.655	1389.655	96.96202	94.47822	97.59923	100.2189	22.99281	17.72115	59.28603	28.38342	30.90261	27.43049	9
1747.31	1750.66	1389.66	102.4373	63.24541	102.9683	102.9447	26.33693	20.863	52.80007	24.22218	28.57789	27.76494	9
1747.315	1750.665	1389.665	100.7971	50.22593	100.8207	99.28666	34.92909	14.40026	50.67065	31.06821	19.60244	28.8084	9
1747.32	1750.67	1389.67	98.67305	60.71114	99.25126	100.1245	30.04756	16.7819	53.17054	36.52815	16.64239	27.96709	9
1747.325	1750.675	1389.675	97.25702	56.58946	97.46943	98.66125	35.18276	12.8739	51.94334	18.66133	33.28201	28.34809	9
1747.33	1750.68	1389.68	96.1124	74.05088	95.41618	94.16536	39.05194	8.068536	52.87952	24.6838	28.19572	29.14783	9
1747.335	1750.685	1389.685	96.1832	72.19891	95.42798	93.91755	39.89224	7.662524	52.44524	23.48087	28.96436	29.29919	9
1747.34	1750.69	1389.69	108.5971	88.6856	108.8449	109.2461	16.7083	28.42717	54.86452	30.21859	24.64593	27.13783	10
1747.345	1750.695	1389.695	119.0757	146.1245	119.1701	118.6273	0	50.53185	49.46815	49.46815	0	-9999	10
1747.35	1750.7	1389.7	123.6306	138.8976	124.0082	124.4212	0	68.85449	31.14551	31.14551	0	-9999	10
1747.355	1750.705	1389.705	127.5482	147.0156	128.6575	128.1501	0	100	0	0	0	-9999	10
1747.36	1750.71	1389.71	128.9171	119.5982	130.1207	130.0145	0	100	0	0	0	-9999	10
1747.365	1750.715	1389.715	127.4892	127.2845	128.9289	130.0027	0	100	0	0	0	-9999	10
1747.37	1750.72	1389.72	126.7458	154.2146	128.5159	132.1267	0	100	0	0	0	-9999	10
1747.375	1750.725	1389.725	128.9525	121.0881	129.6605	130.2505	0	98.05999	1.940007	1.940007	0	-9999	10
1747.38	1750.73	1389.73	128.9407	129.1226	129.5071	131.2653	0	94.31172	5.688276	5.688276	0	-9999	10
1747.385	1750.735	1389.735	125.6366	126.0592	126.2738	126.3682	0	81.64324	18.35676	18.35676	0	-9999	10
1747.39	1750.74	1389.74	123.666	101.6076	124.3504	127.6544	0	73.4648	26.5352	26.5352	0	-9999	10
1747.395	1750.745	1389.745	128.1501	82.2246	128.9171	130.7815	0	93.29101	6.708989	6.708989	0	-9999	10
1747.4	1750.75	1389.75	126.4626	116.4651	127.8197	130.5927	0	100	0	0	0	-9999	10
1747.405	1750.755	1389.755	125.8372	118.0525	127.324	131.6901	0	100	0	0	0	-9999	10
1747.41	1750.76	1389.76	122.8753	74.42684	123.2412	124.5746	6.108376	61.74514	32.14649	30.32103	1.825455	-9999	10
1747.415	1750.765	1389.765	124.8578	52.10575	125.6484	126.6396	6.393966	77.30589	16.30015	11.38323	4.916913	-9999	10
1747.42	1750.77	1389.77	113.9072	116.2284	113.86	112.8333	7.443942	35.49464	57.06142	41.67881	15.38261	-9999	10
1747.425	1750.775	1389.775	113.2346	149.5778	112.0663	110.5087	8.680132	22.20707	69.1128	59.67518	9.437617	28.74736	10
1747.43	1750.78	1389.78	120.1967	86.51337	121.2705	124.9758	0.160686	68.17416	31.66516	31.66516	0	-9999	10
1747.435	1750.785	1389.785	117.2112	71.14064	116.397	114.627	21.25981	26.76293	51.97726	28.01387	23.96339	27.21567	10
1747.44	1750.79	1389.79	116.9398	108.4446	119.7837	120.7159	0	90.11541	9.884586	9.884586	0	-9999	10
1747.445	1750.795	1389.795	121.9077	98.00114	123.0524	124.5628	0	76.75624	23.24376	23.24376	0	-9999	10
1747.45	1750.8	1389.8	118.2615	88.44888	119.4061	121.9667	0.924	63.08844	35.98756	35.98756	0	-9999	10
1747.455	1750.805	1389.805	116.22	78.81308	116.1964	119.8191	14.18773	37.70062	48.11166	29.92233	18.18932	25.3606	10
1747.46	1750.81	1389.81	118.2025	74.8585	118.5211	118.6981	10.66879	47.47643	41.85478	33.77046	8.084317	24.97179	10
1747.465	1750.815	1389.815	121.9785	95.06306	121.8133	121.5065	6.054819	49.38971	44.55547	37.29888	7.256582	-9999	10
1747.47	1750.82	1389.82	130.3331	89.31221	130.6045	133.0472	0	89.02128	10.97872	10.97872	0	-9999	10
1747.475	1750.825	1389.825	128.6693	63.00869	129.1649	129.0705	2.535192	86.51065	10.95416	10.95416	0	-9999	10
1747.48	1750.83	1389.83	130.5809	86.62476	131.4069	132.3273	0	100	0	0	0	-9999	10
1747.485	1750.835	1389.835	132.9528	78.89663	133.4248	134.9234	0	100	0	0	0	-9999	10
1747.49	1750.84	1389.84	132.5279	67.6595	133.0708	133.236	0	100	0	0	0	-9999	10
1747.495	1750.845	1389.845	131.4659	95.91245	132.3981	132.8584	0	100	0	0	0	-9999	10
1747.5	1750.85	1389.85	134.1092	74.45469	134.77	136.1506	0	100	0	0	0	-9999	10
1747.505	1750.855	1389.855	130.0381	85.12091	131.1473	133.3068	0	100	0	0	0	-9999	10
1747.51	1750.86	1389.86	127.9377	106.5369	129.1413	129.9791	0	100	0	0	0	-9999	10
1747.515	1750.865	1389.865	131.3243	95.77321	132.3627	134.5576	0	100	0	0	0	-9999	10
1747.52	1750.87	1389.87	134.7818	98.27963	135.6432	138.8647	0	100	0	0	0	-9999	10
1747.525	1750.875	1389.875	135.9854	72.4217	136.3748	138.4871	0	100	0	0	0	-9999	10
1747.53	1750.88	1389.88	136.186	68.62029	136.2214	136.9176	0	100	0	0	0	-9999	10
1747.535	1750.885	1389.885	134.8762	82.82336	134.9234	133.9322	0	100	0	0	0	-9999	10
1747.54	1750.89	1389.89	136.127	61.89472	136.127	136.835	0	100	0	0	0	-9999	10
1747.545	1750.895	1389.895	134.6402	59.22121	134.6874	136.4574	1.395816	97.35863	1.245557	1.245557	0	-9999	10
1747.55	1750.9	1389.9	133.0472	57.14645	133.4012	134.121	0.993243	97.0325	1.974257	1.974257	0	-9999	10
1747.555	1750.905	1389.905	130.6635	63.27326	131.7255	132.4925	0	100	0	0	0	-9999	10
1747.56	1750.91	1389.91	128.3271	56.33882	129.1649	129.8139	1.812026	94.46431	3.723666	3.723666	0	-9999	10
1747.565	1750.915	1389.915	124.0082	39.00273	124.9404	125.5304	9.249123	76.36473	14.38615	7.300188	7.085962	20.48758	10
1747.57	1750.92	1389.92	109.4467	39.81035	109.6591	109.9895	28.02882	26.05789	45.91329	18.7447	27.16859	27.12817	9
1747.575	1750.925	1389.925	99.78227	68.92663	98.80285	98.07124	39.11057	8.122171	52.76726	22.83629	29.93097	29.23573	9
1747.58	1750.93	1389.93	101.5877	43.94595	101.2455	100.6791	38.55649	12.06643	49.37708	18.53565	30.84143	29.07403	9
1747.585	1750.935	1389.935	108.0424	41.06356	107.8182	107.2518	32.40115	19.57018	48.02867	16.97678	31.05189	28.08438	9
1747.59	1750.94	1389.94	110.8391	36.32921	110.9217	110.1901	28.59619	26.55322	44.85058	20.08755	24.76303	27.23723	9
1747.595	1750.945	1389.945	109.1871	25.42627	109.1753	108.1486	33.48619	22.2524	44.26141	29.4045	14.8569	27.95981	9
1747.6	1750.95	1389.95	107.6412	27.05544	106.8506	104.6086	40.54992	12.61972	46.83036	19.73279	27.09757	29.64429	9
1747.605	1750.955	1389.955	107.5468	29.19983	107.063	106.3196	37.74008	15.62849	46.63142	15.36094	31.27049	28.83663	9
1747.61	1750.96	1389.96	107.24	29.72896	106.4376	104.8564	40.36349	12.31599	47.32052	14.94942	32.3711	29.52251	9

1747.615	1750.965	1389.965	106.591	28.3922	106.2252	105.2812	37.90036	15.65743	46.44221	14.38679	32.05542	28.88688	9
1747.62	1750.97	1389.97	107.476	38.23688	106.296	104.8682	41.01391	9.55008	49.43601	30.48531	18.9507	29.7932	9
1747.625	1750.975	1389.975	107.7002	26.60986	107.0866	106.4258	39.23169	14.35609	46.41222	16.14069	30.27152	29.06954	9
1747.63	1750.98	1389.98	107.771	32.01259	107.24	106.9804	37.21893	15.60017	47.1809	14.85796	32.32294	28.70385	9
1747.635	1750.985	1389.985	110.7211	30.60621	110.3789	110.9571	33.38199	21.06364	45.55437	30.9981	14.55627	27.7386	9
1747.64	1750.99	1389.99	121.7543	42.72059	122.0847	122.7573	15.08699	55.34886	29.56415	13.22347	16.34068	23.07223	9
1747.645	1750.995	1389.995	126.97	39.97745	127.029	126.9936	13.05577	65.98838	20.95585	11.47016	9.485691	21.19673	9
1747.65	1751	1390	124.492	58.16294	125.2708	126.557	5.356121	75.94792	18.69596	14.34067	4.355295	-9999	9
1747.655	1751.005	1390.005	121.7897	69.20512	122.8517	124.9994	2.975142	72.58519	24.43966	24.43966	0	-9999	9
1747.66	1751.01	1390.01	113.3172	98.73914	115.1934	117.2466	0	59.98128	40.01872	40.01872	0	-9999	9
1747.665	1751.015	1390.015	111.5943	116.312	111.8775	113.0811	6.990891	35.64984	57.35927	49.58164	7.777632	-9999	9
1747.67	1751.02	1390.02	107.1928	139.7749	108.4201	108.8921	0	39.7315	60.2685	60.2685	0	-9999	9
1747.675	1751.025	1390.025	105.6352	130.6125	107.0512	108.1014	0.233173	38.06484	61.70198	61.70198	0	-9999	9
1747.68	1751.03	1390.03	104.3962	102.833	105.3284	107.4996	11.84525	29.59776	58.55699	40.93191	17.62508	27.20479	9
1747.685	1751.035	1390.035	106.1898	86.69439	106.532	106.0954	18.67323	25.73011	55.59666	34.51359	21.08307	27.49767	9
1747.69	1751.04	1390.04	103.5584	59.31868	103.3459	101.9063	32.01733	15.91668	52.06599	34.14929	17.9167	28.51987	9
1747.695	1751.045	1390.045	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1748.02	1751.37	1390.37	97.63463	58.06547	98.59045	98.89726	28.7167	17.93158	53.35173	35.75043	17.6013	27.99711	9
1748.025	1751.375	1390.375	99.53447	46.87011	99.68787	99.31026	35.89685	13.87844	50.22471	35.37004	14.85467	28.68783	9
1748.03	1751.38	1390.38	108.2548	168.181	104.9154	100.5139	25.58662	0	74.41338	35.41127	39.00211	28.93418	9
1748.035	1751.385	1390.385	105.9774	112.8308	103.4167	102.2131	35.04079	1.95318	63.00603	39.08424	23.92179	29.63938	9
1748.04	1751.39	1390.39	101.8001	77.82444	99.93568	98.22464	41.95978	3.795879	54.24434	29.24178	25.00256	30.0081	9
1748.045	1751.395	1390.395	104.4316	183.693	100.1245	97.44583	32.8492	0	67.1508	27.13317	40.01764	21.67341	9
1748.05	1751.4	1390.4	102.8739	138.5913	100.5021	95.67579	30.19872	4.668747	65.13253	38.8931	26.23943	29.56927	9
1748.055	1751.405	1390.405	104.6794	169.0443	103.0627	99.29846	15.31516	12.92161	71.76323	51.05737	20.70586	29.16528	9
1748.06	1751.41	1390.41	106.0836	126.0731	103.818	99.23946	29.45216	5.273952	65.27389	32.86847	32.40542	29.74128	9
1748.065	1751.415	1390.415	99.71147	66.643	98.77925	96.90301	39.36254	8.229639	52.40782	21.2884	31.11942	29.467	9
1748.07	1751.42	1390.42	106.8506	130.1808	104.7148	102.9447	26.74646	6.853159	66.40038	34.1888	32.21158	29.09654	9
1748.075	1751.425	1390.425	113.3526	125.9617	113.2818	110.6267	5.781636	34.86413	59.35424	46.67004	12.6842	-9999	9
1748.08	1751.43	1390.43	104.998	86.1374	103.9006	102.2131	31.06163	11.72142	57.21695	29.35985	27.85711	28.80205	9
1748.085	1751.435	1390.435	102.3311	59.2769	101.5877	101.7057	37.27182	10.76007	51.96811	34.28154	17.68657	28.88857	9
1748.09	1751.44	1390.44	96.93842	26.69341	96.46641	95.61679	48.01493	6.611503	45.37357	23.24596	22.1276	30.48753	9
1748.095	1751.445	1390.445	97.65823	40.59013	96.82041	96.1006	46.8247	5.87374	47.30156	31.51661	15.78495	30.27131	9
1748.1	1751.45	1390.45	97.83523	48.40181	97.02102	96.2186	44.58853	6.638443	48.77303	30.89016	17.88287	29.92149	9
1748.105	1751.455	1390.455	95.69939	30.39734	95.49879	95.41618	46.15509	7.558306	46.28661	18.41528	27.87132	29.98753	9
1748.11	1751.46	1390.46	96.2186	32.5278	95.15658	94.00016	51.83783	3.350692	44.81148	20.51829	24.29319	31.21266	9
1748.115	1751.465	1390.465	96.49001	35.82792	95.88819	95.59319	47.22288	6.221822	46.5553	27.95275	18.60255	30.21528	9
1748.12	1751.47	1390.47	93.18594	25.63514	92.92633	93.16234	50.07717	5.359182	44.56364	28.16936	16.39428	30.5232	9
1748.125	1751.475	1390.475	93.98835	42.14968	94.02376	93.85855	43.05614	8.429557	48.51431	16.00297	32.51134	29.47092	9
1748.13	1751.48	1390.48	96.71421	54.33368	96.47821	97.83523	39.70321	9.674629	50.62216	28.21947	22.40269	28.79548	9
1748.135	1751.485	1390.485	95.58139	74.19012	94.64917	94.63737	41.33581	6.550289	52.1139	37.15156	14.96234	29.14919	9
1748.14	1751.49	1390.49	103.6528	117.3006	103.7236	104.7148	15.70401	22.23233	62.06366	46.57813	15.48553	27.67153	9
1748.145	1751.495	1390.495	98.11844	58.51105	97.00922	96.2186	44.16784	5.739656	50.09251	31.90298	18.18952	29.86413	9
1748.15	1751.5	1390.5	97.24522	56.28312	98.21284	99.10966	29.41483	17.46032	53.12485	33.18257	19.94228	27.93861	9
1748.155	1751.505	1390.505	102.5789	206.2368	102.3665	93.85855	0	24.882	75.118	75.118	0	-9999	9
1748.16	1751.51	1390.51	110.8627	348.8802	107.5704	103.8062	0	11.12132	88.87868	88.87868	0	-9999	9
1748.165	1751.515	1390.515	113.4352	239.0153	114.5562	116.4796	0	58.95689	41.04311	41.04311	0	-9999	9
1748.17	1751.52	1390.52	114.4618	141.8078	115.8188	117.5534	0	58.59722	41.40278	41.40278	0	-9999	9
1748.175	1751.525	1390.525	110.1429	129.0947	110.7329	112.4793	2.85503	37.55392	59.59105	59.59105	0	-9999	9
1748.18	1751.53	1390.53	93.66975	157.2223	90.64889	90.15328	39.1877	1.888593	58.9237	29.20802	29.71568	28.30151	9
1748.185	1751.535	1390.535	85.89339	94.21366	87.26222	89.94087	27.56996	12.07015	60.35989	32.22731	28.13258	27.46797	9
1748.19	1751.54	1390.54	85.30338	48.98665	84.57176	84.06435	55.33614	1.643172	43.02069	25.08894	17.93175	30.92685	9
1748.195	1751.545	1390.545	86.70761	121.478	84.52456	79.09645	47.74993	2.26691	49.98316	21.96474	28.01842	29.75914	9
1748.2	1751.55	1390.55	90.22408	111.8143	89.59866	87.67523	34.78173	8.080539	57.13773	27.96644	29.17129	28.38975	9
1748.205	1751.555	1390.555	86.4126	70.31909	85.69278	84.41836	49.06175	3.483772	47.45447	33.02785	14.42663	29.86979	9
1748.21	1751.56	1390.56	80.40628	62.52133	79.48586	79.15545	58.02931	0.717246	41.25344	25.05187	16.20157	30.8231	9
1748.215	1751.565	1390.565	76.97241	73.49389	75.63898	72.96032	61.73393	0	38.26607	17.17377	21.0923	31.3459	9
1748.22	1751.57	1390.57	78.53004	108.2218	77.37361	72.11071	50.52498	2.877603	46.59742	31.34878	15.24864	29.62361	9
1748.225	1751.575	1390.575	76.8898	62.59095	76.4768	74.98996	57.31519	1.04967	41.63514	22.17214	19.463	30.69019	9
1748.23	1751.58	1390.58	73.78634	46.27135	73.42053	71.9455	63.75391	0	36.24609	23.29939	12.9467	31.09516	9
1748.235	1751.585	1390.585	72.41751	29.9796	72.22871	71.8039	67.58406	0	32.41594	21.52948	10.88646	30.49523	9
1748.24	1751.59	1390.59	76.24079	63.34288	75.89858	75.89858	57.1816	1.090649	41.72775	28.34978	13.37797	30.33915	9
1748.245	1751.595	1390.595	86.684	37.44318	87.12061	88.34784	47.80575	5.376776	46.81748	28.63055	18.18693	29.68791	9
1748.25	1751.6	1390.6	92.05312	40.99394	91.98231	91.1917	45.93931	6.612864	47.44782	31.1317	16.31613	29.92895	9
1748.255	1751.605	1390.605	99.82947	104.2533	99.14506	97.51663	28.2318	12.44522	59.32298	24.46647	34.8565	28.44775	9
1748.26	1751.61	1390.61	109.2107	162.8339	110.8155	109.7299	0	49.72957	50.27043	50.27043	0	-9999	9
1748.265	1751.615	1390.615	96.83221	100.9531	97.09182	99.03886	24.47176	15.78773	59.74051	35.74593	23.99458	27.57291	9
1748.27	1751.62	1390.62	96.2658	81.23596	95.85279	95.59319	34.97718	10.19566	54.82716	31.31057	23.51659	28.54733	9
1748.275	1751.625	1390.625	97.67003	138.6609	96.254	96.1006	27.56186	9.186322	63.25182	37.24608	26.00573	28.04539	9
1748.28	1751.63	1390.63	89.84647	76.48768	88.20624	85.33878	51.54304	1.604145	46.85281	26.46412	20.38869	30.68607	9
1748.285	1751.635	1390.635	89.23286	73.34072	88.48944	85.38598	45.91878	4.617544	49.46367	20.87561	28.58806	29.92849	9
1748.29	1751.64	1390.64	89.49246	64.80496	89.02045	88.47764	45.64221	5.202127	49.15566	17.66685	31.48881	29.52842	9
1748.295	1751.645	1390.645	90.24768	76.26488	90.12968	91.05009	39.43055	7.774633	52.79481	26.70264	26.09217	28.52805	9

1748.3	1751.65	1390.65	88.61924	64.59609	89.10305	90.16508	39.08851	8.498124	52.41336	37.57506	14.8383	28.54442	9
1748.305	1751.655	1390.655	88.30064	57.13252	88.72545	88.85525	41.64508	7.573437	50.78149	23.18081	27.60068	29.01016	9
1748.31	1751.66	1390.66	86.4952	50.04491	86.17659	86.75481	50.78275	3.498758	45.7185	15.83892	29.87958	30.04842	9
1748.315	1751.665	1390.665	83.28553	57.43886	82.71912	82.19991	53.86679	2.077928	44.05528	31.97607	12.07921	30.43685	9
1748.32	1751.67	1390.67	85.85799	49.78035	85.09097	84.13515	54.90818	1.760388	43.33143	14.55024	28.78119	30.95658	9
1748.325	1751.675	1390.675	89.35086	73.80023	88.90245	87.79323	43.41272	5.839277	50.748	25.45728	25.29072	29.27312	9
1748.33	1751.68	1390.68	92.28912	72.18498	92.04131	91.5221	39.54573	8.045347	52.40892	34.99808	17.41084	28.9109	10
1748.335	1751.685	1390.685	102.7323	181.3397	101.5169	97.13902	11.02159	15.78834	73.19007	52.3013	20.88878	29.32656	10
1748.34	1751.69	1390.69	111.1223	184.8487	111.4645	111.7005	0	40.15305	59.84695	59.84695	0	-9999	10
1748.345	1751.695	1390.695	112.8333	140.9306	113.1991	114.0842	0	40.68592	59.31408	59.31408	0	-9999	10
1748.35	1751.7	1390.7	116.279	124.6249	116.4088	115.7008	1.858106	43.27687	54.86502	54.86502	0	-9999	10
1748.355	1751.705	1390.705	119.6775	113.722	120.2203	121.2233	0	58.13332	41.86668	41.86668	0	-9999	10
1748.36	1751.71	1390.71	117.8366	147.2524	118.3323	119.2055	0	54.45125	45.54875	45.54875	0	-9999	10
1748.365	1751.715	1390.715	113.6712	220.3424	115.2288	118.3323	0	64.59967	35.40033	35.40033	0	-9999	10
1748.37	1751.72	1390.72	111.0869	232.9999	112.7389	111.5471	0	59.66985	40.33015	40.33015	0	-9999	10
1748.375	1751.725	1390.725	111.0043	236.5089	113.0693	117.6124	0	65.04522	34.95478	34.95478	0	-9999	10
1748.38	1751.73	1390.73	111.9365	257.0755	114.7214	120.3737	0	79.21211	20.78789	20.78789	0	-9999	10
1748.385	1751.735	1390.735	114.5916	207.6989	116.9988	120.6687	0	79.72182	20.27818	20.27818	0	-9999	10
1748.39	1751.74	1390.74	117.3764	177.0509	119.1583	121.0935	0	77.38527	22.61473	22.61473	0	-9999	10
1748.395	1751.745	1390.745	118.8279	176.5079	120.4917	122.4033	0	80.62989	19.37011	19.37011	0	-9999	10
1748.4	1751.75	1390.75	119.3825	226.5946	121.6835	124.7162	0	98.80131	1.198687	1.198687	0	-9999	10
1748.405	1751.755	1390.755	123.3828	247.7599	124.6218	126.4036	0	95.04316	4.956841	4.956841	0	-9999	10
1748.41	1751.76	1390.76	128.1973	266.753	130.3213	133.0472	0	100	0	0	0	-9999	10
1748.415	1751.765	1390.765	131.5721	243.68	134.4986	137.8145	0	100	0	0	0	-9999	10
1748.42	1751.77	1390.77	131.7845	155.9413	132.941	135.8438	0	100	0	0	0	-9999	10
1748.425	1751.775	1390.775	129.8729	150.1765	130.8523	134.18	0	100	0	0	0	-9999	10
1748.43	1751.78	1390.78	133.1652	179.8776	133.7552	132.8348	0	100	0	0	0	-9999	10
1748.435	1751.785	1390.785	131.9379	208.8825	133.3422	137.3306	0	100	0	0	0	-9999	10
1748.44	1751.79	1390.79	129.9909	202.2823	131.5013	135.2656	0	100	0	0	0	-9999	10
1748.445	1751.795	1390.795	126.9936	180.9777	128.3035	130.8995	0	100	0	0	0	-9999	10
1748.45	1751.8	1390.8	124.1498	163.6973	125.731	127.56	0	100	0	0	0	-9999	10
1748.455	1751.805	1390.805	121.3649	141.5572	122.9934	125.1882	0	87.88444	12.11556	12.11556	0	-9999	10
1748.46	1751.81	1390.81	115.1934	117.0221	116.7746	118.8043	0	62.56244	37.43756	37.43756	0	-9999	10
1748.465	1751.815	1390.815	109.1871	157.3477	112.1961	113.7774	0	66.30227	33.69773	33.69773	0	-9999	10
1748.47	1751.82	1390.82	110.1193	106.6761	111.7359	111.9955	0.345721	48.25576	51.39852	51.39852	0	-9999	10
1748.475	1751.825	1390.825	119.8545	122.9122	120.7867	121.2941	0	66.70088	33.29912	33.29912	0	-9999	10
1748.48	1751.83	1390.83	127.6662	136.8785	129.3065	131.7373	0	100	0	0	0	-9999	10
1748.485	1751.835	1390.835	129.6369	134.4417	131.1001	130.0263	0	100	0	0	0	-9999	10
1748.49	1751.84	1390.84	131.4659	130.8214	132.7994	133.4956	0	100	0	0	0	-9999	10
1748.495	1751.845	1390.845	131.3951	95.70359	132.6341	134.357	0	100	0	0	0	-9999	10
1748.5	1751.85	1390.85	127.4774	72.00396	128.1737	128.8699	0	87.45841	12.54159	12.54159	0	-9999	10
1748.505	1751.855	1390.855	124.9758	109.6839	126.2502	128.0439	0	93.77496	6.225039	6.225039	0	-9999	10
1748.51	1751.86	1390.86	124.4448	102.081	125.79	128.3743	0	92.53729	7.462706	7.462706	0	-9999	10
1748.515	1751.865	1390.865	123.1822	143.8965	125.4124	127.4774	0	100	0	0	0	-9999	10
1748.52	1751.87	1390.87	122.2027	143.3952	124.2796	126.085	0	100	0	0	0	-9999	10
1748.525	1751.875	1390.875	122.7101	108.8484	124.1144	126.9582	0	86.55431	13.44569	13.44569	0	-9999	10
1748.53	1751.88	1390.88	122.9698	100.8835	124.5392	126.5098	0	90.97876	9.021243	9.021243	0	-9999	10
1748.535	1751.885	1390.885	122.2853	105.1723	123.6542	125.8844	0	83.68576	16.31424	16.31424	0	-9999	10
1748.54	1751.89	1390.89	122.1319	108.5142	123.43	125.2472	0	81.70593	18.29407	18.29407	0	-9999	10
1748.545	1751.895	1390.895	121.5065	110.8674	122.8045	124.2206	0	79.32852	20.67148	20.67148	0	-9999	10
1748.55	1751.9	1390.9	122.0611	99.75564	123.3946	124.4566	0	81.59971	18.40029	18.40029	0	-9999	10
1748.555	1751.905	1390.905	120.0787	102.0253	120.8811	121.2351	0	63.51958	36.48042	36.48042	0	-9999	10
1748.56	1751.91	1390.91	119.7601	111.2713	121.4593	122.3207	0	80.59137	19.40863	19.40863	0	-9999	10
1748.565	1751.915	1390.915	117.2938	115.7828	118.6863	119.2173	0	66.12846	33.87154	33.87154	0	-9999	10
1748.57	1751.92	1390.92	114.9338	148.4638	117.4118	120.5035	0	78.14525	21.85475	21.85475	0	-9999	10
1748.575	1751.925	1390.925	116.5386	125.7528	118.7807	121.2233	0	78.83626	21.16374	21.16374	0	-9999	10
1748.58	1751.93	1390.93	115.0754	178.4434	118.2733	121.6835	0	92.71892	7.281083	7.281083	0	-9999	10
1748.585	1751.935	1390.935	109.7653	224.7983	111.5825	114.627	0	57.79474	42.20526	42.20526	0	-9999	10
1748.59	1751.94	1390.94	107.3816	242.0508	109.7063	114.1432	0	58.81701	41.18299	41.18299	0	-9999	10
1748.595	1751.945	1390.945	105.1278	234.2113	106.9096	112.2669	0	47.61293	52.38707	52.38707	0	-9999	10
1748.6	1751.95	1390.95	104.3608	235.0886	105.824	110.4261	0	43.24722	56.75278	56.75278	0	-9999	10
1748.605	1751.955	1390.955	103.1453	180.4485	104.3372	105.9774	0	35.16079	64.83921	64.83921	0	-9999	10
1748.61	1751.96	1390.96	93.19774	250.5448	94.67277	96.3248	0	29.2194	70.7806	70.7806	0	-9999	10
1748.615	1751.965	1390.965	87.91123	219.8272	89.23286	89.57506	0	21.81665	78.18335	78.18335	0	-9999	10
1748.62	1751.97	1390.97	83.69854	148.8815	85.13817	88.90245	15.81088	14.56421	69.62491	57.7034	11.92151	27.13319	1
1748.625	1751.975	1390.975	85.96419	77.69911	86.71941	89.84647	36.25684	8.818929	54.92423	29.06302	25.86121	27.769	1
1748.63	1751.98	1390.98	85.95239	51.64624	87.21502	90.10608	38.64006	8.854578	52.50536	24.35864	28.14672	28.28174	1
1748.635	1751.985	1390.985	86.6604	46.03464	87.16781	88.12363	45.19962	6.197366	48.60302	17.16525	31.43777	29.31068	1
1748.64	1751.99	1390.99	87.75783	23.19834	88.12363	89.38626	50.81379	4.746874	44.43933	28.95619	15.48315	30.30726	1
1748.645	1751.995	1390.995	84.20595	45.90932	84.78417	85.96419	46.93933	5.133093	47.92758	16.80009	31.12749	29.39934	1
1748.65	1752	1391	80.18207	42.58134	80.15847	80.78388	56.11071	1.536481	42.35281	16.30934	26.04347	30.66959	1
1748.655	1752.005	1391.005	81.27949	71.628	82.19991	83.35634	40.75564	6.452394	52.79196	24.90504	27.88692	28.35693	1
1748.66	1752.01	1391.01	77.59782	32.93161	77.33821	75.94578	62.6525	0	37.3475	20.61017	16.73733	31.66524	1

1748.665	1752.015	1391.015	76.937	39.40654	76.28799	77.12581	64.71143	0	35.28857	25.10193	10.18664	30.73974	1
1748.67	1752.02	1391.02	77.30281	35.24309	77.14941	77.38541	61.54146	0	38.45854	15.11926	23.33928	31.50957	1
1748.675	1752.025	1391.025	78.53004	37.86091	79.02565	81.00809	54.74905	1.913006	43.33795	22.31686	21.02108	30.21359	1
1748.68	1752.03	1391.03	76.02839	45.42196	76.6892	80.04047	53.94047	1.907725	44.15181	27.47667	16.67514	29.5842	1
1748.685	1752.035	1391.035	72.16971	71.92042	71.7921	71.20209	59.12559	0.723929	40.15048	10.45017	29.70031	30.32146	1
1748.69	1752.04	1391.04	74.71856	59.73642	74.64776	74.82476	57.35142	1.011279	41.6373	13.12037	28.51693	30.31552	1
1748.695	1752.045	1391.045	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1749.005	1752.355	1391.355	111.6533	74.32937	112.9159	118.4267	9.505889	45.34201	45.1521	33.7107	11.4414	24.88345	-9999
1749.01	1752.36	1391.36	107.4052	69.03803	106.4022	106.532	32.25339	13.22963	54.51698	23.88566	30.63132	28.47111	-9999
1749.015	1752.365	1391.365	107.7356	65.26447	106.945	104.762	31.21649	15.28774	53.49577	38.22979	15.26598	28.68301	-9999
1749.02	1752.37	1391.37	103.0981	68.42535	102.6969	102.0007	31.70014	14.5996	53.70026	29.42353	24.27673	28.42583	-9999
1749.025	1752.375	1391.375	101.0567	99.24043	100.2543	99.49907	29.23038	12.13882	58.6308	42.92455	15.70625	28.37562	-9999
1749.03	1752.38	1391.38	101.4225	113.0954	100.7145	102.4019	24.80932	13.98701	61.20366	39.35081	21.85286	27.74128	-9999
1749.035	1752.385	1391.385	100.6673	121.3666	98.80285	99.08606	32.46478	6.374685	61.16054	25.51349	35.64704	28.5024	-9999
1749.04	1752.39	1391.39	98.54325	79.80172	97.69363	95.33358	36.61273	8.952621	54.43465	32.63096	21.80369	29.17857	1
1749.045	1752.395	1391.395	96.1714	64.27583	95.64039	90.36568	40.0829	8.342673	51.57443	30.52892	21.04551	30.02169	1
1749.05	1752.4	1391.4	93.46914	56.67301	94.43676	95.35718	32.79446	13.7598	53.44573	28.9241	24.52163	28.21398	1
1749.055	1752.405	1391.405	93.02074	59.68072	93.58715	95.61679	35.5885	11.56181	52.84969	25.38021	27.46948	28.18885	1
1749.06	1752.41	1391.41	95.71119	61.8251	95.34538	94.17716	39.81904	8.792235	51.38873	17.99562	33.3931	29.22282	1
1749.065	1752.415	1391.415	95.38078	27.13899	95.39258	91.84071	45.59059	8.26804	46.14137	33.58183	12.55954	30.53277	1
1749.07	1752.42	1391.42	94.34236	27.7656	93.92935	92.90273	49.68657	5.420802	44.89263	24.01239	20.88024	30.70978	1
1749.075	1752.425	1391.425	95.9826	47.3714	95.73479	94.67277	42.15262	8.636577	49.2108	26.35668	22.85412	29.53882	1
1749.08	1752.43	1391.43	96.2068	44.21052	95.20378	94.48397	48.56421	4.449635	46.98616	28.56653	18.41962	30.4796	1
1749.085	1752.435	1391.435	91.4513	37.03936	91.1445	92.44252	49.27902	4.956126	45.76485	27.41193	18.35292	30.04062	1
1749.09	1752.44	1391.44	90.34208	17.169	90.28308	89.58686	53.18765	4.08283	42.72952	30.33984	12.38968	31.20356	1
1749.095	1752.445	1391.445	92.08852	19.45263	92.01771	91.84071	51.11974	5.179811	43.70045	13.78711	29.91334	30.77772	1
1749.1	1752.45	1391.45	94.02376	18.95134	93.97655	93.52815	49.27773	6.470507	44.25177	15.87781	28.37396	30.56453	1
1749.105	1752.455	1391.455	92.39532	23.04517	92.20652	91.2271	50.8826	5.059711	44.05769	16.82003	27.23766	30.86849	1
1749.11	1752.46	1391.46	92.23012	49.94744	90.82589	90.27128	53.94378	1.385089	44.67113	26.71118	17.95995	31.12296	1
1749.115	1752.465	1391.465	93.04434	25.2731	92.65493	93.11514	51.30103	4.638257	44.06071	27.2816	16.77911	30.6848	1
1749.12	1752.47	1391.47	91.4985	15.4145	91.66371	93.49274	50.81074	5.615754	43.57351	24.34535	19.22815	30.36825	1
1749.125	1752.475	1391.475	89.31546	21.55524	89.71667	90.03527	49.50405	5.685648	44.81031	29.87947	14.93084	30.33226	1
1749.13	1752.48	1391.48	89.58686	13.04732	89.33906	89.55146	56.34312	2.6415	41.01538	15.31906	25.69632	31.64409	1
1749.135	1752.485	1391.485	89.22106	12.2954	89.43346	89.58686	53.29501	4.241115	42.46388	27.00238	15.4615	31.07851	1
1749.14	1752.49	1391.49	88.15904	25.8997	87.78143	87.84043	55.55242	2.354924	42.09266	15.1553	26.93735	31.31486	1
1749.145	1752.495	1391.495	89.63407	29.57579	89.33906	89.40986	52.66562	3.591327	43.74306	24.87714	18.86592	30.82077	1
1749.15	1752.5	1391.5	85.18537	49.66895	86.02319	87.68703	43.11649	6.76402	50.11949	26.58758	23.53191	28.87855	1
1749.155	1752.505	1391.505	82.28251	65.61259	81.7515	80.25287	52.53718	2.423097	45.03973	31.29368	13.74605	30.21656	1
1749.16	1752.51	1391.51	80.28827	78.28395	80.78388	83.02593	43.34909	5.317645	51.33326	32.56856	18.7647	28.18773	1
1749.165	1752.515	1391.515	81.26769	53.34504	80.51248	79.20265	58.17714	0.718775	41.10408	13.71001	27.39407	31.24497	1
1749.17	1752.52	1391.52	80.77208	46.63339	79.32065	77.36181	65.65298	0	34.34702	7.756282	26.59073	30.78522	1
1749.175	1752.525	1391.525	83.63954	45.19916	82.97873	80.71308	57.23473	1.087262	41.67801	12.04496	29.63305	31.53653	1
1749.18	1752.53	1391.53	79.39145	58.27434	78.63624	76.8072	58.71039	0.593207	40.6964	12.98308	27.71332	31.22452	1
1749.185	1752.535	1391.535	76.6892	75.44333	74.25835	73.47953	70.02774	0	29.97226	10.74168	19.23058	29.91435	1
1749.19	1752.54	1391.54	77.96363	72.40778	75.94578	75.87498	66.38905	0	33.61095	5.742032	27.86891	30.05407	1
1749.195	1752.545	1391.545	75.69798	71.04317	73.98694	70.94248	66.42594	0	33.57406	19.17814	14.39593	30.85972	1
1749.2	1752.55	1391.55	74.34095	53.80455	73.53853	71.6623	64.80435	0	35.19565	18.03629	17.15936	31.0055	1
1749.205	1752.555	1391.555	77.35001	47.21823	77.36181	77.86922	57.31973	1.047511	41.63276	21.97554	19.65723	30.64949	1
1749.21	1752.56	1391.56	80.21747	63.4125	80.51248	72.99572	48.5678	3.767066	47.66513	21.30263	26.3625	30.74968	1
1749.215	1752.565	1391.565	76.5004	57.39709	75.82778	71.8747	60.9423	0.074522	38.98318	16.25815	22.72503	31.85223	1
1749.22	1752.57	1391.57	79.48586	37.5685	78.61264	77.31461	64.54887	0	35.45113	16.86566	18.58546	31.21293	1
1749.225	1752.575	1391.575	76.6302	45.58905	76.7954	76.35879	57.18734	1.056643	41.75602	23.30041	18.4556	30.79651	1
1749.23	1752.58	1391.58	75.81598	82.2246	78.01083	76.6892	33.34089	7.66991	58.9892	41.73979	17.24941	28.23832	1
1749.235	1752.585	1391.585	75.57998	86.17918	77.53882	76.5948	34.43005	7.292073	58.27788	38.76365	19.51423	28.0914	1
1749.24	1752.59	1391.59	78.93125	95.1466	81.09069	80.53608	27.62208	10.15405	62.22387	30.49738	31.72649	27.98439	1
1749.245	1752.595	1391.595	88.48944	57.42494	88.83165	92.48972	42.04077	7.381718	50.57751	26.85778	23.71973	28.38987	1
1749.25	1752.6	1391.6	91.98231	102.8469	93.23314	95.47519	20.79342	16.95739	62.24919	48.53373	13.71545	27.55471	1
1749.255	1752.605	1391.605	88.37144	71.15456	88.89065	89.82287	37.45499	8.929611	53.6154	19.06681	34.54859	28.36654	1
1749.26	1752.61	1391.61	88.50124	55.14131	88.97325	89.92907	41.57659	7.742192	50.68122	17.18924	33.49198	28.8689	1
1749.265	1752.615	1391.615	91.2271	43.16617	92.07672	95.06218	39.04032	10.40369	50.55599	17.92441	32.63158	28.39858	1
1749.27	1752.62	1391.62	90.10608	88.03115	91.85251	91.5575	22.264	16.56302	61.17299	41.29951	19.87348	28.12131	1
1749.275	1752.625	1391.625	90.66069	77.81051	93.39834	96.58441	16.54519	21.13242	62.32239	42.76517	19.55722	27.7502	1
1749.28	1752.63	1391.63	87.91123	97.55555	90.56628	96.79681	14.93655	19.04617	66.01728	38.45674	27.56054	27.29667	1
1749.285	1752.635	1391.635	87.71063	69.33045	87.33302	91.2035	45.45472	5.09568	49.4496	26.07631	23.37329	28.54529	1
1749.29	1752.64	1391.64	86.92001	67.6595	85.36238	85.62198	55.73164	0.673798	43.59456	26.62713	16.96743	30.68604	1
1749.295	1752.645	1391.645	85.66918	56.01855	84.27676	84.32396	58.41918	0.149663	41.43115	26.017	15.41416	31.29651	1
1749.3	1752.65	1391.65	87.33302	36.88619	86.87281	84.47736	54.29379	2.455794	43.25042	12.47724	30.77318	31.36459	1
1749.305	1752.655	1391.655	90.71969	41.45345	91.0737	88.92605	43.7626	7.712352	48.52505	28.55884	19.96621	29.85268	1
1749.31	1752.66	1391.66	87.79323	91.59584	88.07643	87.45102	34.86919	9.072876	56.05793	25.2687	30.78923	28.2662	1
1749.315	1752.665	1391.665	84.96117	51.10318	83.84015	82.04651	58.15668	0.484502	41.35882	23.2533	18.10552	31.6101	1
1749.32	1752.67	1391.67	92.61953	32.26323	93.06794	94.68457	43.50716	8.832559	47.66028	21.37125	26.28903	29.22079	1
1749.325	1752.675	1391.675	92.47792	47.26	92.70213	90.75509	41.7458	8.675111	49.57908	28.1884	21.39069	29.57113	1
1749.33	1752.68	1391.68	89.19746	56.85403	88.74905	85.91699	47.65484	4.627728	47.71744	29.08141	18.63602	30.27376	1

1749.335	1752.685	1391.685	91.1327	44.64218	91.3333	89.16206	43.79983	7.516919	48.68325	26.2367	22.44656	29.84381	1
1749.34	1752.69	1391.69	92.25372	49.55755	91.76991	87.21502	46.88318	5.426578	47.69024	33.49437	14.19588	30.69141	1
1749.345	1752.695	1391.695	88.60744	43.16617	88.07643	85.06737	52.15027	3.137634	44.71209	30.75513	13.95697	31.10412	9
1749.35	1752.7	1391.7	86.625	45.24094	86.2238	84.09975	52.46605	2.94421	44.58974	23.00253	21.58721	30.86579	9
1749.355	1752.705	1391.705	86.84921	48.12332	86.80201	85.76359	48.81869	4.463296	46.71801	30.02279	16.69522	30.1011	9
1749.36	1752.71	1391.71	86.89641	55.62867	85.91699	82.81353	54.18367	1.776871	44.03946	18.80239	25.23706	31.20321	9
1749.365	1752.715	1391.715	89.04405	61.51876	87.91123	86.05859	51.97131	2.28393	45.74476	16.66055	29.0842	30.67251	9
1749.37	1752.72	1391.72	87.97023	100.0341	85.04377	81.7987	57.53919	0	42.46081	25.17073	17.29007	29.23783	9
1749.375	1752.725	1391.725	88.20624	73.82808	86.5424	85.95239	53.87858	0.992846	45.12857	31.15171	13.97687	30.53962	9
1749.38	1752.73	1391.73	84.89037	44.01557	84.83137	84.27676	51.70635	3.288616	45.00503	20.09737	24.90766	30.39481	9
1749.385	1752.735	1391.735	82.30611	47.91445	83.02593	80.01687	47.10451	4.770512	48.12498	21.89597	26.22901	30.09518	9
1749.39	1752.74	1391.74	86.02319	32.11006	87.03801	88.61924	45.22317	6.694867	48.08197	24.43905	23.64291	29.35305	9
1749.395	1752.745	1391.745	92.50152	16.11073	92.58413	92.67853	50.35964	5.920326	43.72004	22.51226	21.20777	30.62752	9
1749.4	1752.75	1391.75	92.82013	21.37422	92.51332	92.32452	51.81067	4.639408	43.54992	21.8991	21.65082	30.91119	9
1749.405	1752.755	1391.755	93.09154	26.49846	92.65493	92.85553	51.32688	4.523827	44.14929	27.48664	16.66265	30.72871	9
1749.41	1752.76	1391.76	89.96447	30.1467	89.65767	89.79927	52.31493	3.741749	43.94332	23.81875	20.12457	30.75317	9
1749.415	1752.765	1391.765	90.31848	23.54645	89.45706	88.61924	57.88474	1.208203	40.90705	29.76611	11.14094	32.07755	9
1749.42	1752.77	1391.77	89.57506	30.2024	89.38626	89.24466	51.74519	4.029775	44.22503	15.6599	28.56514	30.69271	9
1749.425	1752.775	1391.775	90.08247	41.99651	89.65767	87.29762	50.25324	4.118349	45.62842	14.48685	31.14156	30.76287	9
1749.43	1752.78	1391.78	89.37446	47.07898	87.84043	84.59536	58.27113	0	41.72887	19.88682	21.84205	32.15044	9
1749.435	1752.785	1391.785	91.03829	38.68246	90.21228	87.67523	53.28524	2.656783	44.05797	20.43979	23.61818	31.38867	9
1749.44	1752.79	1391.79	92.85553	33.05693	92.18292	90.01167	51.78589	3.746571	44.46754	15.12258	29.34496	31.19357	9
1749.445	1752.795	1391.795	96.67881	42.05221	96.0534	94.87337	45.72581	6.621858	47.65233	21.25798	26.39435	30.11605	9
1749.45	1752.8	1391.8	98.43705	49.54363	97.70543	96.195	43.11838	7.563556	49.31807	17.65587	31.6622	29.83928	9
1749.455	1752.805	1391.805	103.3931	39.97745	103.3813	103.0155	35.29521	16.05752	48.64727	29.30992	19.33735	28.51939	10
1749.46	1752.81	1391.81	110.7093	48.736	111.0515	112.6681	23.70123	30.23627	46.0625	31.71024	14.35226	26.39088	10
1749.465	1752.815	1391.815	113.0221	54.73749	113.3172	113.7774	20.48685	34.29912	45.21402	23.86706	21.34697	26.13243	10
1749.47	1752.82	1391.82	115.9132	58.19079	116.397	116.8572	15.52815	43.44214	41.02971	30.27271	10.757	25.14817	10
1749.475	1752.825	1391.825	115.7716	67.35316	116.3026	115.9604	13.07533	44.45103	42.47364	28.14997	14.32367	25.38573	10
1749.48	1752.83	1391.83	117.8012	66.79617	118.3795	118.4267	10.97704	50.3352	38.68776	30.14999	8.537768	24.61833	10
1749.485	1752.835	1391.835	119.1111	81.87649	119.4651	120.8103	7.860148	50.93143	41.20842	39.16827	2.040153	-9999	10
1749.49	1752.84	1391.84	118.3795	78.64598	118.7335	117.754	9.315015	48.79509	41.8899	23.45338	18.43652	25.13708	10
1749.495	1752.845	1391.845	115.2524	66.87972	115.8778	116.4678	12.93596	44.61058	42.45346	20.55345	21.90001	25.24706	10
1749.5	1752.85	1391.85	113.329	61.26812	113.801	113.6594	17.2524	37.73019	45.0174	34.1228	10.8946	25.99475	10
1749.505	1752.855	1391.855	111.9365	53.40074	112.1843	113.1873	22.17493	31.57725	46.24782	20.55863	25.68918	26.33423	10
1749.51	1752.86	1391.86	107.0276	53.51213	106.9332	106.4494	29.31627	20.43011	50.25362	30.87755	19.37607	27.86297	10
1749.515	1752.865	1391.865	104.2428	49.68287	104.2428	104.9154	32.0734	17.73888	50.18772	26.93513	23.25258	27.99943	10
1749.52	1752.87	1391.87	102.9801	74.46861	101.8827	100.9623	35.74189	9.599113	54.659	26.05926	28.59974	29.00704	10
1749.525	1752.875	1391.875	98.96806	48.76385	98.69665	98.43705	39.25193	10.7434	50.00467	27.10389	22.90078	29.0721	6
1749.53	1752.88	1391.88	97.29242	48.19295	98.22464	97.95324	31.60358	16.74455	51.65187	33.47898	18.17289	28.28025	6
1749.535	1752.885	1391.885	100.3015	80.55365	100.8915	100.8679	23.65606	19.95987	56.38407	25.34955	31.03452	27.79931	6
1749.54	1752.89	1391.89	96.1714	68.04939	96.313	99.56987	33.95694	12.34458	53.69848	28.60476	25.09371	27.82435	6
1749.545	1752.895	1391.895	95.86459	55.82361	97.18622	99.20406	28.05265	18.06107	53.88628	33.34454	20.54174	27.6945	6
1749.55	1752.9	1391.9	93.25674	59.66679	93.90575	95.36898	34.73458	12.1593	53.10612	34.35385	18.75228	28.22654	6
1749.555	1752.905	1391.905	88.65465	49.16767	88.32424	89.31546	49.0998	4.320592	46.5796	18.778	27.8016	29.82822	6
1749.56	1752.91	1391.91	87.01441	44.19659	86.5188	87.84043	53.09214	2.700341	44.20751	14.10201	30.1055	30.36235	6
1749.565	1752.915	1391.915	84.71336	50.90824	85.49218	87.61622	43.70809	6.386637	49.90528	26.85762	23.04765	28.81803	6
1749.57	1752.92	1391.92	81.98751	55.62867	82.76632	83.75754	45.07353	5.310053	49.61642	33.48819	16.12822	29.01061	6
1749.575	1752.925	1391.925	83.54514	30.2581	83.33274	84.30036	57.46215	1.363044	41.17481	11.00014	30.17467	31.21032	6
1749.58	1752.93	1391.93	86.2238	35.20132	85.94059	84.47736	54.35023	2.506653	43.14311	30.68433	12.45878	31.16754	6
1749.585	1752.935	1391.935	85.53938	36.91404	85.76359	86.5896	50.63299	4.023705	45.34331	25.80204	19.54127	30.10792	6
1749.59	1752.94	1391.94	82.96693	42.08006	82.84893	80.06407	54.40157	2.224565	43.37386	28.66787	14.706	31.16074	6
1749.595	1752.945	1391.945	82.18811	43.13833	82.69552	84.66616	50.01503	3.779681	46.20529	31.95962	14.24567	29.59681	6
1749.6	1752.95	1391.95	81.6099	34.50509	81.8223	78.81324	54.92253	2.128404	42.94907	28.4516	14.49747	31.34851	6
1749.605	1752.955	1391.955	81.5981	36.45453	81.6217	79.99327	55.92485	1.739845	42.33531	17.14139	25.19391	31.22396	6
1749.61	1752.96	1391.96	84.66616	42.87376	84.53636	83.61594	52.73765	2.895821	44.36653	26.11556	18.25097	30.623	6
1749.615	1752.965	1391.965	84.44196	65.68221	85.77539	87.55722	36.08424	9.065996	54.84976	30.22161	24.62815	28.13608	6
1749.62	1752.97	1391.97	84.98477	61.95042	85.82259	88.66645	40.32893	7.479133	52.19194	20.24613	31.94581	28.25131	6
1749.625	1752.975	1391.975	87.47462	66.47591	89.57506	92.39532	27.15774	14.2317	58.61055	41.99016	16.62039	27.73048	6
1749.63	1752.98	1391.98	88.60744	89.82742	90.56628	92.41892	21.5619	16.238	62.20009	40.60017	21.59992	27.76371	6
1749.635	1752.985	1391.985	86.73121	69.49754	87.60442	83.41534	36.62145	9.149075	54.22948	35.53353	18.69595	29.24672	6
1749.64	1752.99	1391.99	88.50124	79.87135	89.59866	81.17329	30.74497	11.90501	57.35002	25.65848	31.69154	29.70146	6
1749.645	1752.995	1391.995	88.54844	91.45659	89.77567	84.66616	26.89194	13.24993	59.85813	31.30675	28.55138	28.93383	6
1749.65	1753	1392	88.53664	83.93732	90.03527	87.09701	26.61907	13.84927	59.53166	35.52179	24.00988	28.60668	6
1749.655	1753.005	1392.005	88.21804	67.75697	90.21228	91.87611	26.98685	14.5455	58.46765	41.83669	16.63096	27.91463	6
1749.66	1753.01	1392.01	88.89065	100.2708	91.2861	94.63737	15.39033	19.10507	65.50461	52.51616	12.98845	27.72668	6
1749.665	1753.015	1392.015	91.02649	131.0024	92.59593	95.42798	12.38995	19.50416	68.10589	52.45183	15.65406	27.77314	6
1749.67	1753.02	1392.02	88.84345	72.40778	89.66947	87.41562	34.33971	10.54117	55.11912	31.15705	23.96207	28.76734	6
1749.675	1753.025	1392.025	89.59866	54.73749	90.70789	92.13572	35.72628	11.07761	53.19611	25.46734	27.72877	28.33393	6
1749.68	1753.03	1392.03	89.64587	76.18134	90.24768	89.17386	34.42587	10.41163	55.1625	34.89835	20.26415	28.52747	6
1749.685	1753.035	1392.035	90.24768	92.61233	88.64285	81.5863	46.99741	2.919103	50.08349	22.1172	27.96629	30.63733	6
1749.69	1753.04	1392.04	91.3451	119.8766	89.66947	82.47132	39.93853	4.734476	55.327	21.99268	33.33432	29.69956	6
1749.695	1753.045	1392.045	92.04131	120.6286	91.87611	85.55118	27.4102	11.55179	61.038	31.10796	29.93004	28.96137	6

1749.7	1753.05	1392.05	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1750.015	1753.363	1392.363	95.01498	26.8605	94.24796	93.70515	52.03035	3.929718	44.03993	16.78311	27.25682	31.07576	-9999
1750.02	1753.367	1392.367	93.97655	31.01002	93.20954	93.18594	51.98152	3.697947	44.32054	17.83265	26.48789	30.89712	-9999
1750.025	1753.372	1392.372	96.0534	43.43074	94.41316	93.90575	53.83245	0.988954	45.1786	30.34847	14.83013	31.425	-9999
1750.03	1753.376	1392.376	93.66975	24.86929	93.16234	92.61953	51.7379	4.385492	43.87661	19.45654	24.42007	30.96918	-9999
1750.035	1753.381	1392.381	94.83797	30.68976	94.24796	92.82013	49.89474	4.999469	45.10579	31.69193	13.41386	30.81839	-9999
1750.04	1753.385	1392.385	98.30724	58.05154	95.68759	93.71695	55.81118	0	44.18882	11.6038	32.58502	28.40343	-9999
1750.045	1753.389	1392.389	99.32206	64.01126	96.79681	94.08276	52.70368	0	47.29632	25.09531	22.20101	29.38221	-9999
1750.05	1753.394	1392.394	97.43403	57.24392	96.3838	93.85855	44.64689	5.659717	49.6934	21.81184	27.88155	30.20242	-9999
1750.055	1753.398	1392.398	96.0416	74.69141	95.74659	89.76387	35.85271	10.26013	53.88716	25.79072	28.09644	29.67254	-9999
1750.06	1753.402	1392.402	92.83193	53.28934	92.59593	91.02649	43.52764	7.132779	49.33958	30.25642	19.08316	29.67797	-9999
1750.065	1753.407	1392.407	93.89395	49.66895	93.41014	92.46612	45.3472	6.295743	48.35705	30.75753	17.59953	29.86733	-9999
1750.07	1753.411	1392.411	95.53419	53.34504	93.92935	91.00289	51.6365	1.680804	46.68269	29.08564	17.59705	31.35157	-9999
1750.075	1753.415	1392.415	97.09182	68.46712	96.46641	92.79653	38.95343	8.650725	52.39584	36.42259	15.97325	29.61236	-9999
1750.08	1753.42	1392.42	98.74385	64.98598	99.18046	99.79407	30.04533	16.21462	53.74005	39.25314	14.48691	28.003	-9999
1750.085	1753.424	1392.424	99.36927	80.77644	100.3723	101.8119	21.25897	21.78616	56.95488	37.77011	19.18477	27.48428	-9999
1750.09	1753.429	1392.429	101.0331	77.99153	101.4225	96.98562	25.15769	19.15141	55.69091	35.50266	20.18824	28.64732	-9999
1750.095	1753.433	1392.433	95.54599	82.32207	96.2186	97.59923	26.96299	15.77783	57.25917	28.13375	29.12542	27.74929	-9999
1750.1	1753.437	1392.437	95.21558	114.4878	96.3484	87.95843	15.91623	20.2325	63.85127	47.75221	16.09906	29.56988	-9999
1750.105	1753.442	1392.442	94.00016	105.5065	95.35718	87.02621	17.47032	19.62143	62.90825	38.54647	24.36178	29.55052	-9999
1750.11	1753.446	1392.446	91.71091	73.2154	91.5221	85.94059	39.37107	8.059181	52.56975	18.90463	33.66512	29.78541	-9999
1750.115	1753.45	1392.45	93.72875	82.39169	93.51635	87.74603	35.47689	9.742422	54.78068	39.17929	15.6014	29.50243	-9999
1750.12	1753.455	1392.455	96.97382	53.13617	96.0298	95.41618	45.24129	5.751248	49.00747	34.03672	14.97075	29.92221	-9999
1750.125	1753.459	1392.459	99.71147	60.62759	99.22766	98.03584	37.3431	10.72982	51.92708	29.21646	22.71062	29.04553	-9999
1750.13	1753.464	1392.464	99.75867	79.32829	99.92388	99.40467	27.74425	16.3604	55.89535	34.02596	21.86939	28.10143	-9999
1750.135	1753.468	1392.468	98.85005	83.51959	98.40165	95.26278	32.32138	11.8804	55.79821	20.67294	35.12528	28.91976	-9999
1750.14	1753.472	1392.472	102.8857	134.1076	101.8355	99.73507	21.03031	13.91757	65.05212	48.08506	16.96706	28.49073	-9999
1750.145	1753.477	1392.477	105.7414	146.5979	102.6025	98.04764	31.56742	0	68.43258	21.89283	46.53975	29.63819	-9999
1750.15	1753.481	1392.481	105.883	154.5349	104.1838	100.2307	18.35926	11.83713	69.8036	45.82439	23.97922	29.16954	-9999
1750.155	1753.485	1392.485	105.0216	152.6412	104.4552	104.0776	10.83067	20.68729	68.48204	58.14412	10.33791	28.37108	-9999
1750.16	1753.49	1392.49	106.2134	201.8645	105.9774	104.9154	0	28.14857	71.85143	71.85143	0	-9999	-9999
1750.165	1753.494	1392.494	108.5617	239.0849	106.7562	105.2222	0	17.87538	82.12462	82.12462	0	-9999	-9999
1750.17	1753.498	1392.498	105.4346	254.3602	105.0806	101.1865	0	29.79244	70.20756	70.20756	0	-9999	-9999
1750.175	1753.503	1392.503	87.17961	65.62651	87.55722	86.10579	40.98668	7.335292	51.67803	26.3971	25.28093	29.09926	-9999
1750.18	1753.507	1392.507	93.68155	122.7451	92.02951	93.23314	36.91192	5.611295	57.47678	27.50231	29.97447	28.0647	-9999
1750.185	1753.512	1392.512	98.17744	142.2395	95.35718	91.91151	37.11179	1.772273	61.11593	36.82212	24.29381	29.31541	-9999
1750.19	1753.516	1392.516	99.94748	178.1231	97.76443	94.63737	21.86112	8.030793	70.10809	43.81498	26.29311	28.64398	-9999
1750.195	1753.52	1392.52	99.46367	195.2086	95.23918	88.85525	33.99272	0	66.00728	26.16686	39.84041	26.24283	-9999
1750.2	1753.525	1392.525	93.37474	124.8059	91.00289	87.43922	42.27403	2.485309	55.24066	21.10745	34.13321	29.39774	-9999
1750.205	1753.529	1392.529	96.87941	124.054	95.67579	94.73177	30.17796	9.05643	60.76561	39.20654	21.55907	28.26311	-9999
1750.21	1753.533	1392.533	96.96202	162.0263	95.56959	94.42496	22.3759	10.62001	67.00409	37.35131	29.65278	28.02546	-9999
1750.215	1753.538	1392.538	96.2186	132.4645	93.84675	91.4631	37.80432	3.317164	58.87852	24.18006	34.69846	28.98611	-9999
1750.22	1753.542	1392.542	98.63765	155.2729	96.1006	94.03556	31.33947	4.232321	64.42821	44.40008	20.02813	28.63236	-9999
1750.225	1753.546	1392.546	96.57261	180.184	95.85279	84.79597	13.12725	15.35946	71.51329	46.01673	25.49656	30.1056	-9999
1750.23	1753.551	1392.551	103.8652	269.5101	99.86488	92.41892	10.2248	2.194685	87.58052	60.79763	26.78289	30.58817	-9999
1750.235	1753.555	1392.555	103.7472	377.8711	99.31026	91.3097	0	6.651078	93.34892	93.34892	0	-9999	-9999
1750.24	1753.56	1392.56	101.9771	354.1993	97.94144	90.18868	0	8.413865	91.58614	91.58614	0	-9999	-9999
1750.245	1753.564	1392.564	109.0337	310.2534	104.2192	105.0924	1.920074	0	98.07993	98.07993	0	-9999	-9999
1750.25	1753.568	1392.568	106.1072	364.2668	105.7296	89.33906	0	37.70227	62.29773	62.29773	0	-9999	-9999
1750.255	1753.573	1392.573	111.7477	398.2428	108.1604	103.0627	0	11.20839	88.79161	88.79161	0	-9999	-9999
1750.26	1753.577	1392.577	109.5647	376.5483	103.6764	97.13902	0	0	100	100	0	-9999	-9999
1750.265	1753.581	1392.581	99.66427	169.7266	99.25126	91.64011	10.43585	18.52327	71.04088	53.95232	17.08856	29.74494	-9999
1750.27	1753.586	1392.586	96.0298	77.62949	94.21256	91.2035	46.94984	2.383412	50.66675	20.33105	30.3357	30.48469	-9999
1750.275	1753.59	1392.59	94.56657	77.94976	93.57535	91.3805	41.81688	6.04002	52.1431	29.23654	22.90656	29.51624	-9999
1750.28	1753.594	1392.594	94.96778	102.1646	94.22436	86.5424	33.66729	9.10927	57.22344	36.88807	20.33538	29.6782	-9999
1750.285	1753.599	1392.599	97.68183	151.2069	94.93237	87.08521	34.84893	2.747081	62.40399	23.53781	38.86618	29.83629	-9999
1750.29	1753.603	1392.603	96.92662	119.0412	95.66399	88.60744	31.8049	8.414514	59.78058	29.72074	30.05984	29.49807	-9999
1750.295	1753.608	1392.608	94.62557	117.05	95.38078	89.74027	18.76547	17.74815	63.48639	50.49327	12.99312	28.96324	-9999
1750.3	1753.612	1392.612	91.75811	75.12307	91.2861	90.81409	41.06083	6.957475	51.98169	33.30787	18.67382	28.99043	-9999
1750.305	1753.616	1392.616	92.53693	65.47334	92.02951	90.82589	42.95391	6.536674	50.50941	27.69209	22.81732	29.44277	-9999
1750.31	1753.621	1392.621	93.35114	102.4709	92.39532	85.55118	36.72659	7.342343	55.93107	36.6005	19.33057	29.65472	-9999
1750.315	1753.625	1392.625	92.39532	136.4887	89.19746	86.10579	46.74951	0	53.25049	20.99005	32.26044	29.3817	-9999
1750.32	1753.629	1392.629	100.4785	175.8256	97.56383	88.60744	27.59862	3.489519	68.91187	32.95078	35.96108	29.93394	-9999
1750.325	1753.634	1392.634	107.2046	284.6322	102.7323	98.87366	7.151017	0	92.84898	76.76802	16.08097	-9999	-9999
1750.33	1753.638	1392.638	111.0633	316.7979	108.6797	106.119	0	18.25045	81.74955	81.74955	0	-9999	-9999
1750.335	1753.643	1392.643	108.7977	259.7072	109.1281	109.9305	0	41.16432	58.83568	58.83568	0	-9999	-9999
1750.34	1753.647	1392.647	111.6651	278.1155	115.1698	120.7159	0	89.97374	10.02626	10.02626	0	-9999	-9999
1750.345	1753.651	1392.651	107.5822	226.7199	105.0334	98.10664	5.911738	9.939314	84.14895	67.56852	16.58043	-9999	-9999
1750.35	1753.656	1392.656	107.5232	200.305	103.641	92.94993	22.69249	0	77.30751	35.85336	41.45415	27.11093	-9999
1750.355	1753.66	1392.66	104.5142	207.6989	103.2987	104.8918	3.003367	18.64363	78.353	78.353	0	-9999	-9999
1750.36	1753.664	1392.664	109.5293	289.4222	109.9305	110.0131	0	45.13974	54.86026	54.86026	0	-9999	-9999
1750.365	1753.669	1392.669	111.5943	259.6237	114.6506	112.5737	0	82.01922	17.98078	17.98078	0	-9999	-9999
1750.37	1753.673	1392.673	99.98288	203.5912	99.92388	89.74027	0	23.43233	76.56767	76.56767	0	-9999	-9999

1750.375	1753.677	1392.677	98.90906	141.8775	99.01526	102.3193	13.84625	19.40882	66.74493	57.14484	9.600089	27.462	-9999
1750.38	1753.682	1392.682	102.9447	136.7115	102.5671	106.3904	15.13313	19.25421	65.61266	52.78762	12.82504	27.33619	-9999
1750.385	1753.686	1392.686	103.2751	138.1875	101.0331	106.4848	28.92136	5.636735	65.44191	42.15644	23.28547	27.59315	-9999
1750.39	1753.691	1392.691	105.7886	158.4059	103.5466	95.34538	21.71611	7.578515	70.70537	34.11451	36.59087	30.1308	-9999
1750.395	1753.695	1392.695	107.2518	137.6165	104.6912	99.35747	27.87017	3.779988	68.34984	45.31614	23.0337	30.00472	-9999
1750.4	1753.699	1392.699	107.7828	153.6159	106.2016	107.476	15.9193	13.80526	70.27544	57.68095	12.59449	28.26667	-9999
1750.405	1753.704	1392.704	107.7592	142.6015	107.5822	109.4821	7.723705	26.54453	65.73177	56.61918	9.112592	-9999	-9999
1750.41	1753.708	1392.708	104.5378	108.8762	104.3844	104.8446	18.66608	20.76093	60.573	30.47275	30.10024	27.70486	-9999
1750.415	1753.712	1392.712	104.8918	115.6296	105.8948	109.0573	7.743778	31.87721	60.37901	60.37901	0	-9999	-9999
1750.42	1753.717	1392.717	105.3638	103.4735	106.709	111.0869	7.599214	35.05516	57.34563	51.38968	5.955948	-9999	-9999
1750.425	1753.721	1392.721	103.1925	124.43	104.585	107.3226	4.159483	33.16279	62.67773	56.11137	6.566358	-9999	-9999
1750.43	1753.725	1392.725	106.3078	111.5915	107.9716	109.5411	2.296953	40.55417	57.14887	57.14887	0	-9999	-9999
1750.435	1753.73	1392.73	106.0128	94.13011	107.594	107.7828	7.434184	37.95061	54.61521	54.59194	0.023272	-9999	-9999
1750.44	1753.734	1392.734	114.8748	97.98722	116.102	118.0845	1.091297	54.84476	44.06394	44.06394	0	-9999	-9999
1750.445	1753.739	1392.739	110.6149	112.1624	112.7271	115.512	0	56.15806	43.84194	43.84194	0	-9999	-9999
1750.45	1753.743	1392.743	104.1956	160.4668	107.7238	109.4467	0	57.58481	42.41519	42.41519	0	-9999	-9999
1750.455	1753.747	1392.747	98.38985	137.3659	98.23644	97.76443	17.42767	17.01755	65.55478	39.28824	26.26655	28.03707	-9999
1750.46	1753.752	1392.752	94.87337	195.3618	89.33906	86.5896	48.32988	0	51.67012	28.46028	23.20984	20.85765	-9999
1750.465	1753.756	1392.756	90.68429	156.8464	85.46858	82.30611	59.03536	0	40.96464	15.61157	25.35306	23.27717	-9999
1750.47	1753.76	1392.76	90.21228	79.13334	88.46584	88.08823	51.38931	1.457223	47.15346	15.79145	31.36201	30.18312	-9999
1750.475	1753.765	1392.765	92.13572	54.83497	90.15328	88.64285	57.32899	0	42.67101	9.004097	33.66691	30.8577	-9999
1750.48	1753.769	1392.769	96.3956	95.34155	93.58715	91.82891	50.00894	0	49.99106	19.55082	30.44025	28.84135	1
1750.485	1753.774	1392.774	92.67853	64.429	92.83193	89.48066	37.95506	9.632325	52.41261	19.49099	32.92162	29.33279	1
1750.49	1753.778	1392.778	91.86431	37.88876	92.28912	91.79351	43.02349	8.559822	48.41669	24.14742	24.26927	29.49557	1
1750.495	1753.782	1392.782	89.58686	25.85793	89.50426	90.10608	51.96263	4.169347	43.86802	27.44205	16.42598	30.62763	1
1750.5	1753.787	1392.787	90.66069	29.36692	89.45706	88.58384	58.81346	0.344668	40.84187	25.03506	15.8068	32.23433	1
1750.505	1753.791	1392.791	89.61046	16.65379	89.36266	91.5457	55.44864	2.896461	41.65489	18.45753	23.19737	31.05825	1
1750.51	1753.795	1392.795	89.96447	18.5893	89.77567	89.76387	54.1973	3.442328	42.36037	25.9707	16.38967	31.22235	1
1750.515	1753.8	1392.8	88.79625	12.43464	88.61924	87.63982	56.67005	2.494358	40.8356	29.65027	11.18532	31.89132	1
1750.52	1753.804	1392.804	89.78747	29.1859	88.46584	86.3182	60.57515	0	39.42485	7.440545	31.9843	32.25188	1
1750.525	1753.808	1392.808	89.74027	30.2581	88.53664	86.17659	59.44459	0.118654	40.43676	10.38362	30.05314	32.57193	1
1750.53	1753.813	1392.813	94.16536	48.58283	92.30092	91.4513	56.06022	0	43.93978	20.93675	23.00303	31.40271	1
1750.535	1753.817	1392.817	96.195	55.83754	94.42496	94.03556	51.7057	1.198149	47.09615	26.30193	20.79422	30.93708	1
1750.54	1753.822	1392.822	96.76141	75.875	95.75839	95.56959	40.39116	6.853142	52.7557	25.913	26.84269	29.10737	1
1750.545	1753.826	1392.826	94.33056	69.33045	94.38956	91.4985	35.98066	10.62007	53.39928	26.85634	26.54294	29.08551	1
1750.55	1753.83	1392.83	96.44281	234.1695	90.25948	87.48642	42.52438	0	57.47562	16.7423	40.73332	18.61407	1
1750.555	1753.835	1392.835	91.4867	92.43131	89.72847	91.1917	47.09019	2.577518	50.3323	18.87126	31.46104	29.17389	1
1750.56	1753.839	1392.839	88.63104	41.91296	88.34784	88.27704	50.51135	3.999633	45.48902	23.63981	21.84921	30.30709	1
1750.565	1753.843	1392.843	88.28884	43.94595	87.15601	86.87281	56.91873	0.870555	42.21072	23.85431	18.35641	31.41179	1
1750.57	1753.848	1392.848	87.53362	39.08627	86.95541	83.74574	54.49133	2.264651	43.24402	22.98995	20.25407	31.52116	1
1750.575	1753.852	1392.852	86.75481	60.86431	85.06737	82.62472	58.53403	0	41.46597	13.92675	27.53921	31.4498	1
1750.58	1753.856	1392.856	88.39504	89.20081	88.08823	89.31546	39.46772	6.99531	53.53697	24.50209	29.03489	28.24357	1
1750.585	1753.861	1392.861	91.4631	24.77181	91.74631	91.4277	47.66432	6.755613	45.58007	21.35051	24.22956	30.17665	1
1750.59	1753.865	1392.865	94.17716	19.25768	94.49577	94.34236	46.22745	8.46796	45.30459	24.93597	20.36862	30.0013	1
1750.595	1753.87	1392.87	109.1871	20.31595	109.5175	109.6237	32.07079	25.62737	42.30184	24.62898	17.67286	27.3274	1
1750.6	1753.874	1392.874	113.4706	43.63961	113.9308	114.863	21.47968	36.67445	41.84587	15.71368	26.13219	25.70834	1
1750.605	1753.878	1392.878	118.7217	144.3978	116.8572	114.7804	10.2812	16.9946	72.7242	50.28338	22.44083	29.18134	1
1750.61	1753.883	1392.883	119.0757	127.8276	116.7038	114.6978	17.89794	8.078206	74.02386	42.48236	31.5415	29.6191	1
1750.615	1753.887	1392.887	113.7066	111.6194	115.1108	116.161	0	55.13001	44.86999	44.86999	0	-9999	1
1750.62	1753.891	1392.891	110.9453	146.584	113.9898	116.4442	0	71.91247	28.08753	28.08753	0	-9999	1
1750.625	1753.896	1392.896	111.3701	112.3435	112.0073	111.9837	5.41398	39.33997	55.24605	55.24605	0	-9999	1
1750.63	1753.9	1392.9	109.4113	109.9484	107.594	103.6646	26.8177	9.463679	63.71862	38.14198	25.57664	29.40491	1
1750.635	1753.904	1392.904	107.299	69.33045	106.237	104.3608	32.7376	12.61179	54.65062	35.87937	18.77125	28.90154	1
1750.64	1753.909	1392.909	107.0866	49.15374	106.5438	106.414	33.79189	15.9244	50.28371	22.94725	27.33646	28.37192	1
1750.645	1753.913	1392.913	107.2636	48.41574	105.9066	104.939	40.11782	8.451782	51.4304	19.28443	32.14596	29.66396	1
1750.65	1753.918	1392.918	107.8418	64.08088	105.883	103.9006	40.45895	4.310619	55.23043	22.30316	32.92727	30.23585	1
1750.655	1753.922	1392.922	114.627	52.8716	114.0842	113.1165	25.95504	25.61171	48.43325	28.89885	19.5344	27.19619	1
1750.66	1753.926	1392.926	108.1486	31.10749	107.83	107.9952	35.44443	18.07668	46.47889	25.57763	20.90125	28.24203	1
1750.665	1753.931	1392.931	108.3493	35.66083	107.4524	107.5704	38.63911	12.82487	48.53602	19.07439	29.46163	28.9775	1
1750.67	1753.935	1392.935	108.3138	29.42262	108.1368	107.6766	34.60276	19.60563	45.7916	27.65151	18.1401	28.16052	1
1750.675	1753.939	1392.939	107.9834	28.3365	107.9716	107.299	33.88925	20.78216	45.32859	16.87648	28.45211	28.05454	1
1750.68	1753.944	1392.944	112.3377	40.93824	111.9955	111.0397	29.39434	24.03395	46.57172	23.63888	22.93284	27.48634	1
1750.685	1753.948	1392.948	110.6385	51.88296	109.5057	109.1753	34.43629	13.55213	52.01158	28.85693	23.15465	28.68359	1
1750.69	1753.953	1392.953	114.1196	105.6875	111.8067	110.2137	27.35819	5.672845	66.96897	46.34648	20.62249	29.52509	1
1750.695	1753.957	1392.957	117.931	82.15498	115.4766	113.3172	30.64392	3.358435	65.99764	40.55433	25.44332	30.04197	1
1750.7	1753.961	1392.961	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1751.02	1754.241	1393.241	75.47377	26.84658	76.99601	77.38541	52.26996	2.285021	45.44502	25.34696	20.09805	30.23897	-9999
1751.025	1754.245	1393.245	81.4447	81.76509	79.58026	78.54184	59.73312	0	40.26688	20.31459	19.95229	30.79954	-9999
1751.03	1754.249	1393.249	81.3975	37.54065	80.32367	80.00507	64.35159	0	35.64841	13.2536	22.39482	31.00241	-9999
1751.035	1754.254	1393.254	81.7515	48.1651	81.86951	80.87829	52.21814	2.8455	44.93636	18.89136	26.045	30.33004	-9999
1751.04	1754.258	1393.258	80.66588	28.82386	80.61868	80.45348	59.17782	0.709941	40.11224	21.13372	18.97852	31.60402	-9999
1751.045	1754.262	1393.262	81.94031	47.98408	80.63048	78.63624	63.15393	0	36.84607	7.482494	29.36358	31.19499	-9999
1751.05	1754.267	1393.267	79.89887	29.25553	79.55666	79.14365	62.06531	0	37.93469	26.02542	11.90927	31.8246	-9999

1751.055	1754.271	1393.271	79.59206	32.01259	79.20265	78.71884	62.04617	0	37.95383	22.8129	15.14093	31.74301	-9999
1751.06	1754.276	1393.276	78.30583	39.97745	77.45622	77.45622	64.86863	0	35.13137	17.67395	17.45742	30.8496	-9999
1751.065	1754.28	1393.28	76.5358	40.799	74.91916	72.81872	72.24262	0	27.75738	14.19556	13.56182	30.3306	-9999
1751.07	1754.284	1393.284	76.7246	24.08951	75.85138	75.24957	70.35115	0	29.64885	13.91876	15.7301	30.46056	-9999
1751.075	1754.289	1393.289	76.7836	44.01557	74.81296	72.79512	73.97978	0	26.02022	15.19464	10.82557	30.11586	-9999
1751.08	1754.293	1393.293	76.40599	33.33543	74.93096	72.68892	73.0708	0	26.9292	22.1938	4.735401	30.38481	-9999
1751.085	1754.297	1393.297	77.03141	57.98192	74.37635	72.33491	75.67615	0	24.32385	13.92984	10.394	29.8266	-9999
1751.09	1754.302	1393.302	77.16121	44.57256	75.08437	73.06652	74.32066	0	25.67934	23.22655	2.45279	30.0366	-9999
1751.095	1754.306	1393.306	74.28195	59.23513	72.31131	70.38787	72.59817	0	27.40183	19.89866	7.503173	30.34074	-9999
1751.1	1754.311	1393.311	74.89556	63.23148	72.84232	70.81268	71.70669	0	28.29331	17.92224	10.37107	30.33066	-9999
1751.105	1754.315	1393.315	75.11977	89.63247	72.94852	72.88952	66.0259	0	33.9741	9.975769	23.99833	30.27191	-9999
1751.11	1754.319	1393.319	76.9488	85.88676	75.16697	71.6623	62.23174	0	37.76826	20.75388	17.01438	31.22605	-9999
1751.115	1754.324	1393.324	76.05199	57.27177	75.46197	75.34397	60.745	0.137582	39.11742	25.40359	13.71383	31.06559	-9999
1751.12	1754.328	1393.328	77.51522	56.25527	77.04321	71.04868	58.7303	0.647541	40.62216	18.14916	22.473	31.90255	-9999
1751.125	1754.332	1393.332	75.95758	48.69423	74.81296	72.28771	67.20585	0	32.79415	23.25746	9.536689	30.86422	-9999
1751.13	1754.337	1393.337	73.75094	51.53484	72.50011	72.13431	69.3716	0	30.6284	16.3599	14.26849	30.29732	-9999
1751.135	1754.341	1393.341	73.04292	25.62121	72.92492	73.93974	67.51469	0	32.48531	21.69139	10.79391	30.27575	-9999
1751.14	1754.345	1393.345	73.20813	20.12101	72.77152	72.75972	71.16296	0	28.83704	5.235914	23.60113	30.22397	-9999
1751.145	1754.35	1393.35	73.33793	29.4087	72.41751	72.50011	72.54545	0	27.45455	6.597611	20.85694	30.10013	-9999
1751.15	1754.354	1393.354	72.97212	25.44019	72.25231	72.52371	72.28768	0	27.71232	13.45712	14.25519	30.08258	-9999
1751.155	1754.359	1393.359	72.0045	32.48603	71.16669	69.56185	72.38732	0	27.61268	21.02954	6.583135	30.39766	-9999
1751.16	1754.363	1393.363	72.0753	27.47318	71.6387	71.8747	70.42593	0	29.57407	7.427376	22.14669	30.14295	-9999
1751.165	1754.367	1393.367	72.18151	29.84036	71.44989	70.63567	72.04166	0	27.95834	23.37603	4.582303	30.26684	-9999
1751.17	1754.372	1393.372	71.7331	26.03895	70.94248	70.60027	73.8314	0	26.1686	6.14486	20.02374	30.1126	-9999
1751.175	1754.376	1393.376	71.41449	25.87186	70.67108	69.78606	73.79915	0	26.20085	5.102094	21.09876	30.20483	-9999
1751.18	1754.38	1393.38	70.34067	35.22917	69.50285	66.74159	73.25421	0	26.74579	23.98555	2.760239	30.5684	-9999
1751.185	1754.385	1393.385	72.0281	32.09614	71.22569	68.86564	72.18561	0	27.81439	12.00493	15.80946	30.54386	-9999
1751.19	1754.389	1393.389	70.05746	42.12183	69.06624	67.63841	73.03561	0	26.96439	14.80136	12.16303	30.36226	-9999
1751.195	1754.393	1393.393	69.76246	39.26729	69.31405	67.1546	69.79103	0	30.20897	4.962439	25.24654	30.51925	-9999
1751.2	1754.398	1393.398	68.96004	37.97231	68.59423	67.44961	70.20247	0	29.79753	19.60653	10.191	30.26584	-9999
1751.205	1754.402	1393.402	67.98062	36.16211	67.37881	67.52041	73.37064	0	26.62936	21.98722	4.642136	29.95823	-9999
1751.21	1754.407	1393.407	69.03084	32.76452	68.42903	67.41421	73.22666	0	26.77334	20.36753	6.40581	30.18325	-9999
1751.215	1754.411	1393.411	68.68863	28.85171	68.12222	66.61179	74.21403	0	25.78597	10.91872	14.86725	30.2335	-9999
1751.22	1754.415	1393.415	67.80362	32.23539	67.66201	66.41119	70.91713	0	29.08287	14.61612	14.46675	30.14161	-9999
1751.225	1754.42	1393.42	68.44083	30.63406	67.2254	65.25476	79.04054	0	20.95946	20.95946	0	30.50919	-9999
1751.23	1754.424	1393.424	68.34643	20.10708	67.86262	65.64417	76.0049	0	23.9951	14.60503	9.390068	30.3015	-9999
1751.235	1754.428	1393.428	70.43507	13.86887	70.42327	70.62387	71.93492	0	28.06508	23.19433	4.870754	29.95309	-9999
1751.24	1754.433	1393.433	70.47047	15.80439	70.14006	70.31707	73.90316	0	26.09684	12.86991	13.22694	29.93114	-9999
1751.245	1754.437	1393.437	71.8747	13.45114	71.6741	71.46169	72.17478	0	27.82522	12.98577	14.83945	30.13966	-9999
1751.25	1754.442	1393.442	71.47349	16.30567	71.32009	71.17849	71.48729	0	28.51271	8.554694	19.95802	30.12351	-9999
1751.255	1754.446	1393.446	70.71828	13.38151	70.52947	70.31707	73.16409	0	26.83591	13.39204	13.44387	30.02285	-9999
1751.26	1754.45	1393.45	69.37305	19.34123	69.19605	68.33463	72.868	0	27.132	11.40863	15.72337	30.07208	-9999
1751.265	1754.455	1393.455	69.08984	13.32582	68.73584	68.19302	75.95605	0	24.04395	22.84295	1.201	29.97267	-9999
1751.27	1754.459	1393.459	70.77728	14.92714	70.52947	70.57667	73.19303	0	26.80697	11.48995	15.31702	29.98291	-9999
1751.275	1754.463	1393.463	70.91888	21.47169	70.55307	70.55307	72.39349	0	27.60651	8.839075	18.76744	30.03684	-9999
1751.28	1754.468	1393.468	70.76548	16.47277	70.43507	70.76548	73.47	0	26.53	15.11016	11.41984	29.92937	-9999
1751.285	1754.472	1393.472	70.52947	25.83008	69.98666	69.19605	73.06879	0	26.93121	23.31895	3.612261	30.16435	-9999
1751.29	1754.476	1393.476	71.13129	24.93891	70.21087	69.93946	75.65725	0	24.34275	21.461	2.881754	30.0674	-9999
1751.295	1754.481	1393.481	70.09286	14.38408	69.79786	68.75944	74.31991	0	25.68009	10.4466	15.23349	30.12141	-9999
1751.3	1754.485	1393.485	71.00148	24.46547	70.50587	70.44687	72.59897	0	27.40103	10.2886	17.11243	30.05556	-9999
1751.305	1754.49	1393.49	70.03386	15.33095	69.84506	69.58545	73.32199	0	26.67801	19.57069	7.10732	29.98443	-9999
1751.31	1754.494	1393.494	70.11646	22.93377	69.77426	69.99846	72.59498	0	27.40502	5.393897	22.01112	29.94707	-9999
1751.315	1754.498	1393.498	70.42327	20.55267	70.14006	70.24627	72.43169	0	27.56831	18.47618	9.092126	29.98107	-9999
1751.32	1754.503	1393.503	69.88046	15.21956	69.31405	69.10164	76.41653	0	23.58347	8.060887	15.52258	29.97656	-9999
1751.325	1754.507	1393.507	71.08408	23.67177	70.14006	68.96004	76.19022	0	23.80978	11.93907	11.87071	30.23134	-9999
1751.33	1754.511	1393.511	69.97486	28.36435	68.85384	68.86564	77.44688	0	22.55312	6.973633	15.57949	30.05277	-9999
1751.335	1754.516	1393.516	68.25203	30.63406	67.0012	66.67079	79.48859	0	20.51141	9.333324	11.17808	30.2327	-9999
1751.34	1754.52	1393.52	71.8865	36.59378	71.16669	72.15791	70.58729	0	29.41271	14.3687	15.04401	29.98795	-9999
1751.345	1754.524	1393.524	69.59725	24.08951	69.18425	69.12524	73.34168	0	26.65832	6.064287	20.59403	29.96807	-9999
1751.35	1754.529	1393.529	69.43205	46.49415	67.82722	65.78578	77.30839	0	22.69161	12.75607	9.935548	30.59733	-9999
1751.355	1754.533	1393.533	68.96004	47.85876	67.0366	65.57337	79.8816	0	20.1184	14.04598	6.072423	30.66172	-9999
1751.36	1754.538	1393.538	69.93946	39.46224	68.40543	66.50559	77.99458	0	22.00542	16.87503	5.130394	30.5154	-9999
1751.365	1754.542	1393.542	69.63265	47.24607	67.83902	66.34039	78.40509	0	21.59491	4.214408	17.3805	30.5447	-9999
1751.37	1754.546	1393.546	69.57365	39.46224	67.98062	66.55279	78.78838	0	21.21162	13.16079	8.050832	30.47364	-9999
1751.375	1754.551	1393.551	69.43205	36.07857	68.33463	66.23418	75.89653	0	24.10347	4.311512	19.79196	30.46196	-9999
1751.38	1754.555	1393.555	68.38183	24.34015	67.52041	66.41119	77.87439	0	22.12561	10.5012	11.62442	30.21461	-9999
1751.385	1754.559	1393.559	67.46141	28.15549	66.9658	66.9186	74.96285	0	25.03715	7.244457	17.79269	29.90983	-9999
1751.39	1754.564	1393.564	68.85384	22.33501	68.29923	68.27563	75.54763	0	24.45237	4.747717	19.70465	29.93033	6
1751.395	1754.568	1393.568	68.97184	24.54902	68.16942	67.29621	76.82377	0	23.17623	15.80272	7.373512	30.14764	6
1751.4	1754.572	1393.572	68.58243	22.98947	67.68561	66.45839	78.29105	0	21.70895	17.08007	4.628881	30.2464	6
1751.405	1754.577	1393.577	68.85384	24.5351	68.03962	66.50559	77.02716	0	22.97284	21.44141	1.531435	30.27296	6
1751.41	1754.581	1393.581	69.55005	25.11993	68.40543	66.8832	78.80576	0	21.19424	14.04496	7.149283	30.35777	6
1751.415	1754.586	1393.586	68.78304	33.22403	67.31981	65.83298	80.01942	0	19.98058	6.825041	13.15553	30.50559	6

1751.42	1754.59	1393.59	70.38787	28.47575	69.16064	68.14582	77.86302	0	22.13698	15.00178	7.135193	30.25349	6
1751.425	1754.594	1393.594	70.21087	32.19361	68.68863	67.63841	79.41244	0	20.58756	20.58756	0	30.34792	6
1751.43	1754.599	1393.599	70.30527	32.37463	69.23145	67.99242	75.80661	0	24.19339	17.68193	6.511461	30.27669	6
1751.435	1754.603	1393.603	70.42327	25.17563	69.85686	69.78606	73.50778	0	26.49222	23.57749	2.914732	30.01744	6
1751.44	1754.607	1393.607	69.38485	19.85644	68.55883	67.99242	77.76231	0	22.23769	4.012004	18.22568	30.09235	6
1751.445	1754.612	1393.612	69.96306	23.78317	69.00724	67.92162	77.28606	0	22.71394	18.03727	4.676669	30.21611	6
1751.45	1754.616	1393.616	69.20785	32.45818	67.95702	67.49681	78.1678	0	21.8322	7.446241	14.38596	30.2025	6
1751.455	1754.621	1393.621	70.45867	27.84914	69.43205	68.19302	76.39484	0	23.60516	4.252141	19.35302	30.25788	6
1751.46	1754.625	1393.625	70.15187	26.67948	69.17244	68.68863	76.59436	0	23.40564	12.05068	11.35496	30.1114	6
1751.465	1754.629	1393.629	71.02508	31.02395	70.17547	67.81542	73.73366	0	26.26634	5.071644	21.19469	30.48249	6
1751.47	1754.634	1393.634	70.49407	33.04301	69.82146	69.31405	72.3618	0	27.6382	5.76148	21.87672	30.15327	6
1751.475	1754.638	1393.638	70.06926	35.85577	69.18425	67.63841	73.71807	0	26.28193	19.40273	6.879199	30.33821	6
1751.48	1754.642	1393.642	68.39363	38.87741	67.1782	65.00696	77.08907	0	22.91093	5.973003	16.93792	30.54154	6
1751.485	1754.647	1393.647	69.30225	27.06937	68.25203	66.74159	77.83036	0	22.16964	19.43347	2.736166	30.33069	6
1751.49	1754.651	1393.651	69.37305	28.5036	68.26383	67.50861	77.8754	0	22.1246	12.65114	9.473455	30.20669	6
1751.495	1754.655	1393.655	70.15187	27.36178	69.19605	68.27563	76.24633	0	23.75367	21.03578	2.717884	30.18977	6
1751.5	1754.66	1393.66	69.24325	26.26174	68.61783	67.99242	74.78782	0	25.21218	14.17575	11.03643	30.07826	6
1751.505	1754.664	1393.664	69.85686	29.353	68.77124	68.08682	77.04184	0	22.95816	4.250601	18.70756	30.17551	6
1751.51	1754.669	1393.669	68.46443	26.31744	67.27261	66.32859	79.88054	0	20.11946	5.091023	15.02843	30.31763	6
1751.515	1754.673	1393.673	67.98062	25.41234	67.131	66.59999	77.89258	0	22.10742	15.82526	6.282164	30.10907	6
1751.52	1754.677	1393.677	68.02782	29.10236	66.8124	66.04538	79.79118	0	20.20882	20.20882	0	30.3121	6
1751.525	1754.682	1393.682	69.49105	37.63812	68.60603	67.42601	73.8187	0	26.1813	6.725739	19.45556	30.27176	6
1751.53	1754.686	1393.686	68.78304	27.96054	67.78002	66.04538	77.72656	0	22.27344	17.35387	4.919567	30.36964	6
1751.535	1754.69	1393.69	67.76822	26.0668	66.9422	66.06898	77.74671	0	22.25329	21.71782	0.535476	30.16633	6
1751.54	1754.695	1393.695	68.65323	30.28594	68.34643	68.96004	71.88757	0	28.11243	9.188023	18.9244	29.83549	6
1751.545	1754.699	1393.699	68.97184	41.41168	68.75944	68.19302	68.17041	0	31.82959	18.56707	13.26252	30.23603	6
1751.55	1754.703	1393.703	69.99846	24.92498	69.55005	68.99544	73.04474	0	26.95526	6.240696	20.71456	30.08746	6
1751.555	1754.708	1393.708	69.47925	24.08951	69.08984	68.54703	73.26734	0	26.73266	8.234609	18.49805	30.04894	6
1751.56	1754.712	1393.712	68.77124	23.85279	68.31103	66.67079	74.52471	0	25.47529	18.37798	7.097314	30.21742	6
1751.565	1754.717	1393.717	69.06624	26.98582	68.68863	68.08682	72.85495	0	27.14505	7.259592	19.88546	30.05673	6
1751.57	1754.721	1393.721	69.95126	29.2416	69.46745	68.26383	72.3179	0	27.6821	20.24982	7.432282	30.23723	6
1751.575	1754.725	1393.725	69.70346	24.50725	69.42025	68.13402	72.13691	0	27.86309	6.128678	21.73441	30.21172	6
1751.58	1754.73	1393.73	73.99874	15.87401	73.76274	73.91614	69.90868	0	30.09132	9.772086	20.31923	30.35582	6
1751.585	1754.734	1393.734	71.24929	21.37422	70.78908	70.35247	72.84472	0	27.15528	23.37035	3.784936	30.12224	6
1751.59	1754.738	1393.738	75.68618	19.87036	75.36757	74.76576	68.02929	0	31.97071	11.70072	20.26999	30.75882	6
1751.595	1754.743	1393.743	75.91038	39.97745	75.17877	76.5358	66.15792	0	33.84208	25.0616	8.780473	30.38035	6
1751.6	1754.747	1393.747	72.83052	61.0871	70.97788	68.40543	72.57079	0	27.42921	21.04571	6.383502	30.57852	6
1751.605	1754.751	1393.751	75.68618	77.55987	73.16093	68.96004	71.16993	0	28.83007	16.47034	12.35973	30.58359	6
1751.61	1754.756	1393.756	77.03141	68.32788	74.80116	70.70648	69.88017	0	30.11983	14.07959	16.04025	30.54104	6
1751.615	1754.76	1393.76	78.08163	61.67193	77.05501	76.45319	61.19661	0	38.80339	26.46046	12.34293	31.19301	6
1751.62	1754.765	1393.765	81.17329	44.67003	80.66588	79.93427	58.44286	0.747187	40.80996	21.58172	19.22824	31.31493	6
1751.625	1754.769	1393.769	83.27373	51.84118	82.44772	80.07587	57.24423	0.956349	41.79942	15.40324	26.39618	31.4073	6
1751.63	1754.773	1393.773	83.33274	63.56567	83.06133	82.44772	50.05438	3.361399	46.58422	32.53446	14.04976	29.78299	5
1751.635	1754.778	1393.778	83.94635	107.1914	82.70732	82.22351	46.4315	3.681757	49.88675	22.53506	27.35168	28.66443	5
1751.64	1754.782	1393.782	85.05557	106.3837	83.35634	82.71912	49.17308	2.50095	48.32597	14.48676	33.83921	29.10744	5
1751.645	1754.786	1393.786	85.69278	94.78456	85.43318	85.16177	40.23672	6.393051	53.37023	29.53508	23.83515	28.37203	5
1751.65	1754.791	1393.791	83.43894	92.75158	83.42714	83.12033	40.88175	6.136293	52.98196	33.91248	19.06948	28.34928	5
1751.655	1754.795	1393.795	84.70156	91.66546	84.51276	85.70458	41.35475	6.017877	52.62737	23.54069	29.08668	28.1823	5
1751.66	1754.8	1393.8	86.4244	103.7102	85.12637	81.5391	45.45139	3.841934	50.70668	23.6453	27.06137	29.3658	5
1751.665	1754.804	1393.804	81.6571	88.43496	80.63048	75.34397	51.43052	2.481246	46.08823	17.69008	28.39815	30.30555	5
1751.67	1754.808	1393.808	78.94305	69.31652	78.42384	76.25259	54.62168	1.778653	43.59967	17.44403	26.15563	30.35958	5
1751.675	1754.813	1393.813	79.45046	69.63679	79.12005	75.50918	52.61413	2.381966	45.0039	24.83155	20.17236	30.36183	5
1751.68	1754.817	1393.817	82.17631	63.23148	81.29129	77.85742	55.95466	1.275871	42.76946	25.186	17.58346	31.11758	5
1751.685	1754.821	1393.821	84.28856	127.4795	82.77812	79.61566	43.31034	4.341098	52.34856	29.41663	22.93193	28.55942	5
1751.69	1754.826	1393.826	78.03443	125.53	75.36757	71.8747	58.49819	0.839561	40.66225	18.24535	22.4169	30.01694	5
1751.695	1754.83	1393.83	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1752.045	1755.147	1394.147	114.4382	62.88337	115.0164	113.3172	15.01796	41.74005	43.24199	33.69747	9.544521	25.87671	-9999
1752.05	1755.153	1394.153	117.4826	62.99477	118.0845	118.8633	12.00719	49.6248	38.36801	16.38112	21.98689	24.47584	-9999
1752.055	1755.158	1394.158	119.0167	50.36518	119.3943	119.9607	15.38983	48.97667	35.6335	16.0257	19.6078	24.15864	-9999
1752.06	1755.164	1394.164	120.8929	52.17537	121.2705	121.8841	13.22562	54.36832	32.40605	10.38488	22.02117	23.43481	-9999
1752.065	1755.17	1394.17	121.1879	48.06762	121.6599	122.1791	13.21668	56.86036	29.92296	22.12875	7.794207	23.08733	-9999
1752.07	1755.175	1394.175	120.9991	58.71992	121.3649	121.5065	11.63559	54.88938	33.47503	29.61198	3.863046	23.59673	-9999
1752.075	1755.181	1394.181	119.3117	65.58474	120.1613	120.1967	7.777217	59.50812	32.71466	30.57797	2.136691	-9999	-9999
1752.08	1755.187	1394.187	123.4064	51.11711	123.607	122.8281	12.54113	58.23423	29.22464	19.2728	9.951838	22.93905	-9999
1752.085	1755.192	1394.192	124.1026	57.38316	124.3032	124.4448	10.38422	60.88123	28.73455	13.97773	14.75682	22.54234	-9999
1752.09	1755.198	1394.198	122.2971	58.09332	122.7927	122.8871	9.587073	61.55313	28.85979	13.96818	14.89161	22.78269	-9999
1752.095	1755.203	1394.203	122.2853	64.47077	123.0996	122.8635	5.585384	68.77907	25.63555	14.23028	11.40527	-9999	-9999
1752.1	1755.209	1394.209	123.2412	60.85038	123.843	123.194	7.228298	67.28829	25.48341	14.68829	10.79512	-9999	-9999
1752.105	1755.215	1394.215	123.7368	63.27326	124.1262	124.7162	7.832135	64.37762	27.79025	27.33262	0.457632	-9999	-9999
1752.11	1755.22	1394.22	122.1673	77.22568	123.0052	123.5598	2.424355	69.72153	27.85412	27.85412	0	-9999	-9999
1752.115	1755.226	1394.226	120.8811	63.96949	121.4593	121.6599	8.827623	59.10559	32.06679	28.78407	3.282717	23.35411	-9999
1752.12	1755.232	1394.232	119.4533	78.65991	120.4563	121.5065	3.293876	63.73396	32.97216	32.97216	0	-9999	-9999
1752.125	1755.237	1394.237	124.2206	56.47807	124.7398	124.9286	8.025495	68.6231	23.35141	21.11735	2.234063	21.72717	-9999

1752.13	1755.243	1394.243	125.6956	49.33476	125.8962	125.613	10.86635	65.72775	23.4059	18.7455	4.660404	21.6639	-9999
1752.135	1755.249	1394.249	123.5126	62.53525	123.9964	125.4124	7.485384	65.69826	26.81635	22.59205	4.2243	-9999	-9999
1752.14	1755.254	1394.254	122.2145	50.19808	122.8399	123.725	10.56774	63.51106	25.9212	8.669342	17.25185	22.26735	-9999
1752.145	1755.26	1394.26	123.8902	47.23215	124.256	123.076	11.75586	63.27827	24.96588	16.57724	8.388634	22.33221	-9999
1752.15	1755.265	1394.265	124.5982	64.30368	125.3062	124.9522	4.321068	75.07604	20.60289	20.60289	0	-9999	-9999
1752.155	1755.271	1394.271	125.5776	53.24756	125.9198	125.1528	8.930589	69.0906	21.97881	7.57273	14.40608	21.52307	-9999
1752.16	1755.277	1394.277	126.8756	61.67193	127.2886	127.6072	5.148996	76.47164	18.37936	9.929867	8.449495	-9999	-9999
1752.165	1755.282	1394.282	127.9967	62.15929	128.0793	127.737	6.560367	71.89475	21.54489	18.49537	3.049514	-9999	-9999
1752.17	1755.288	1394.288	126.616	57.42494	126.9228	127.7724	7.238673	72.36191	20.39942	20.39942	0	-9999	-9999
1752.175	1755.294	1394.294	124.9404	59.01234	125.2	124.374	8.761913	65.18715	26.05094	17.36058	8.690359	22.19805	-9999
1752.18	1755.299	1394.299	128.0321	54.13874	128.5041	128.9997	5.45086	82.4126	12.13654	7.557483	4.579055	-9999	-9999
1752.185	1755.305	1394.305	127.5364	53.65138	127.8905	128.4215	6.939281	77.00465	16.05606	8.499107	7.556958	-9999	-9999
1752.19	1755.31	1394.31	127.2886	49.25121	127.3358	127.4302	10.60985	67.4437	21.94645	14.67407	7.272377	21.13195	-9999
1752.195	1755.316	1394.316	128.2209	55.04383	128.5631	128.7401	6.064098	79.59645	14.33945	7.412077	6.927375	-9999	-9999
1752.2	1755.322	1394.322	127.7488	50.19808	128.2091	129.5543	6.7565	80.59724	12.64626	4.457773	8.188486	-9999	-9999
1752.205	1755.327	1394.327	126.498	54.93244	127.029	127.029	6.212834	77.61085	16.17632	3.174091	13.00223	-9999	-9999
1752.21	1755.333	1394.333	127.7606	52.95515	128.1265	128.3861	6.810049	78.20306	14.98689	2.749524	12.23736	-9999	-9999
1752.215	1755.339	1394.339	126.5924	59.34653	127.2886	129.1885	3.777448	82.68239	13.54016	13.54016	0	-9999	-9999
1752.22	1755.344	1394.344	128.0203	60.85038	128.4923	128.8817	3.837498	82.81446	13.34804	13.34804	0	-9999	-9999
1752.225	1755.35	1394.35	127.9849	55.51727	128.1737	129.3655	7.355525	74.3533	18.29117	17.19003	1.101143	-9999	-9999
1752.23	1755.356	1394.356	127.1942	57.42494	127.8669	128.2799	3.87171	84.55245	11.57584	6.936707	4.639129	-9999	-9999
1752.235	1755.361	1394.361	127.0172	61.86688	127.6072	127.5836	3.599767	81.82885	14.57139	12.37128	2.200108	-9999	-9999
1752.24	1755.367	1394.367	127.3358	51.86903	127.5128	127.7842	8.926943	71.27895	19.79411	7.106447	12.68766	20.7409	-9999
1752.245	1755.372	1394.372	125.7428	57.0629	126.2266	126.498	6.757869	73.52492	19.71721	19.71721	0	-9999	-9999
1752.25	1755.378	1394.378	126.203	52.89945	126.3682	127.0762	9.811231	66.87513	23.31364	11.60675	11.70689	21.3619	-9999
1752.255	1755.384	1394.384	127.2296	52.62096	127.7606	128.8463	6.099126	80.50637	13.39451	13.39451	0	-9999	-9999
1752.26	1755.389	1394.389	127.4774	62.11752	127.9141	128.1147	4.304593	79.60376	16.09164	16.09164	0	-9999	-9999
1752.265	1755.395	1394.395	126.5806	59.93136	127.0762	127.9377	5.201457	77.35262	17.44592	17.44592	0	-9999	-9999
1752.27	1755.401	1394.401	127.56	65.68221	127.9731	128.6811	3.548849	79.53812	16.91303	16.21278	0.700251	-9999	-9999
1752.275	1755.406	1394.406	127.147	84.10442	127.6544	128.0321	0	81.64019	18.35981	18.35981	0	-9999	-9999
1752.28	1755.412	1394.412	127.0526	79.37006	127.8669	127.8669	0	89.28018	10.71982	10.71982	0	-9999	-9999
1752.285	1755.418	1394.418	127.7606	74.92812	128.3271	127.2768	0	85.29108	14.70892	14.70892	0	-9999	-9999
1752.29	1755.423	1394.423	128.5159	58.706	128.9997	129.2475	3.809026	85.18779	11.00318	11.00318	0	-9999	-9999
1752.295	1755.429	1394.429	130.1915	65.86323	130.5455	131.0883	1.541363	89.38273	9.075908	9.075908	0	-9999	-9999
1752.3	1755.434	1394.434	130.0617	65.2784	130.5809	131.7845	0.521985	93.91295	5.565066	5.565066	0	-9999	-9999
1752.305	1755.44	1394.44	129.7667	65.04168	130.3213	131.1591	0.576321	93.56659	5.85709	5.85709	0	-9999	-9999
1752.31	1755.446	1394.446	128.1029	69.28867	128.8581	129.0233	0	91.85178	8.148219	8.148219	0	-9999	-9999
1752.315	1755.451	1394.451	126.262	97.83405	127.4302	127.9141	0	96.38466	3.615336	3.615336	0	-9999	-9999
1752.32	1755.457	1394.457	126.8402	72.24068	127.7724	129.7431	0	91.04129	8.95871	8.95871	0	-9999	-9999
1752.325	1755.463	1394.463	127.6308	68.71776	128.5867	128.6575	0	95.27144	4.728565	4.728565	0	-9999	-9999
1752.33	1755.468	1394.468	127.3712	73.06223	128.4569	129.1649	0	97.94941	2.050591	2.050591	0	-9999	-9999
1752.335	1755.474	1394.474	129.7667	74.95597	130.2269	131.8907	0	91.31394	8.686061	8.686061	0	-9999	-9999
1752.34	1755.48	1394.48	129.0823	94.53392	129.9791	131.4305	0	100	0	0	0	-9999	-9999
1752.345	1755.485	1394.485	130.6635	84.29936	131.4069	132.1975	0	100	0	0	0	-9999	-9999
1752.35	1755.491	1394.491	130.4865	71.19634	130.9467	131.2299	0	94.51423	5.485766	5.485766	0	-9999	-9999
1752.355	1755.496	1394.496	129.3655	71.54445	129.8847	130.5337	0	91.00003	8.99997	8.99997	0	-9999	-9999
1752.36	1755.502	1394.502	129.6841	88.22609	130.1207	131.4777	0	91.09588	8.904116	8.904116	0	-9999	-9999
1752.365	1755.508	1394.508	129.1177	77.14213	129.5071	129.5071	0	86.3393	13.6607	13.6607	0	-9999	-9999
1752.37	1755.513	1394.513	128.2091	77.04466	128.7047	129.9083	0	85.40492	14.59508	14.59508	0	-9999	-9999
1752.375	1755.519	1394.519	126.9228	92.45916	128.3271	130.5573	0	100	0	0	0	-9999	-9999
1752.38	1755.525	1394.525	127.7252	83.60313	128.8109	131.1473	0	100	0	0	0	-9999	-9999
1752.385	1755.53	1394.53	127.4892	67.77089	127.9849	127.7488	2.468361	81.66085	15.87079	15.87079	0	-9999	-9999
1752.39	1755.536	1394.536	126.9582	91.20595	128.3271	126.7458	0	100	0	0	0	-9999	-9999
1752.395	1755.541	1394.541	127.324	98.86446	128.6575	130.8523	0	100	0	0	0	-9999	-9999
1752.4	1755.547	1394.547	126.5334	77.19783	127.4302	126.852	0	88.99109	11.00891	11.00891	0	-9999	-9999
1752.405	1755.553	1394.553	127.6662	71.12672	128.6693	128.7873	0	96.95547	3.044528	3.044528	0	-9999	-9999
1752.41	1755.558	1394.558	127.324	61.64408	127.9377	128.0557	3.188518	83.78742	13.02406	13.02406	0	-9999	-9999
1752.415	1755.564	1394.564	124.9168	68.10508	125.318	123.7958	5.485758	69.12804	25.38621	19.55379	5.832419	-9999	-9999
1752.42	1755.57	1394.57	124.6926	64.2619	125.0466	126.498	6.987884	66.93384	26.07828	15.6049	10.47338	-9999	-9999
1752.425	1755.575	1394.575	124.2206	55.87931	124.6808	124.9758	8.627654	67.19999	24.17235	17.69661	6.475739	21.82597	-9999
1752.43	1755.581	1394.581	124.9286	64.48469	125.1646	126.1558	7.631363	64.9496	27.41904	12.60757	14.81147	-9999	-9999
1752.435	1755.587	1394.587	124.6808	60.05668	125.023	127.206	8.107856	66.32737	25.56478	21.09937	4.465402	21.60037	-9999
1752.44	1755.592	1394.592	125.613	73.20148	126.0614	128.5159	3.246107	73.22342	23.53048	22.95118	0.579292	-9999	-9999
1752.445	1755.598	1394.598	125.7782	58.66422	126.1558	125.6248	7.160846	71.08812	21.75103	21.75103	0	-9999	-9999
1752.45	1755.603	1394.603	127.0998	69.02411	127.5364	128.7047	2.980598	78.5099	18.5095	18.5095	0	-9999	-9999
1752.455	1755.609	1394.609	129.3537	73.17363	129.8847	131.1591	0	91.41254	8.587461	8.587461	0	-9999	-9999
1752.46	1755.615	1394.615	129.6723	66.48983	130.0381	130.3921	1.775947	87.40422	10.81983	10.81983	0	-9999	-9999
1752.465	1755.62	1394.62	130.9113	77.76874	131.2299	132.4571	0	92.44179	7.558211	7.558211	0	-9999	-9999
1752.47	1755.626	1394.626	129.6841	75.01167	130.4865	131.7845	0	100	0	0	0	-9999	-9999
1752.475	1755.632	1394.632	131.2063	78.04723	131.6429	132.7522	0	97.77465	2.225354	2.225354	0	-9999	-9999
1752.48	1755.637	1394.637	131.9851	83.03223	132.4335	133.5782	0	100	0	0	0	-9999	-9999
1752.485	1755.643	1394.643	131.2417	90.73251	132.2919	134.6284	0	100	0	0	0	-9999	-9999
1752.49	1755.649	1394.649	132.1975	69.58109	132.705	133.354	0	100	0	0	0	-9999	-9999

1752.495	1755.654	1394.654	131.3597	76.79402	131.6311	131.7137	0	92.96901	7.030986	7.030986	0	-9999	-9999
1752.5	1755.66	1394.66	131.7255	79.02195	132.4689	133.6254	0	100	0	0	0	-9999	-9999
1752.505	1755.665	1394.665	131.9261	77.69911	132.823	134.711	0	100	0	0	0	-9999	-9999
1752.51	1755.671	1394.671	133.5192	74.03695	134.0738	134.7464	0	100	0	0	0	-9999	-9999
1752.515	1755.677	1394.677	133.9558	73.47997	134.711	135.891	0	100	0	0	0	-9999	-9999
1752.52	1755.682	1394.682	133.6726	68.13293	134.2036	134.9234	0	100	0	0	0	-9999	-9999
1752.525	1755.688	1394.688	133.6136	64.01126	133.826	135.537	0	100	0	0	0	-9999	-9999
1752.53	1755.694	1394.694	133.8968	72.86729	134.3688	137.2834	0	100	0	0	0	-9999	-9999
1752.535	1755.699	1394.699	134.4396	63.70492	134.8762	134.711	0	100	0	0	0	-9999	-9999
1752.54	1755.705	1394.705	134.1918	72.5888	134.8762	136.776	0	100	0	0	0	-9999	-9999
1752.545	1755.711	1394.711	134.8644	64.66571	135.4072	135.5488	0	100	0	0	0	-9999	-9999
1752.55	1755.716	1394.716	134.6402	85.19053	135.5134	137.307	0	100	0	0	0	-9999	-9999
1752.555	1755.722	1394.722	135.301	72.97868	135.6668	137.2834	0	100	0	0	0	-9999	-9999
1752.56	1755.727	1394.727	134.8172	79.96882	135.5724	138.1095	0	100	0	0	0	-9999	-9999
1752.565	1755.733	1394.733	133.708	74.81673	134.003	136.009	0	100	0	0	0	-9999	-9999
1752.57	1755.739	1394.739	132.2683	71.60015	132.6341	136.0326	0	100	0	0	0	-9999	-9999
1752.575	1755.744	1394.744	131.5603	92.29207	132.6341	134.5694	0	100	0	0	0	-9999	-9999
1752.58	1755.75	1394.75	133.6372	69.91528	134.1564	134.4396	0	100	0	0	0	-9999	-9999
1752.585	1755.756	1394.756	132.9646	74.83065	133.7906	134.829	0	100	0	0	0	-9999	-9999
1752.59	1755.761	1394.761	131.9851	71.25204	132.3037	132.7404	0	97.25259	2.747407	2.747407	0	-9999	-9999
1752.595	1755.767	1394.767	130.1797	78.29787	130.5101	130.3803	0	89.42768	10.57232	10.57232	0	-9999	-9999
1752.6	1755.772	1394.772	129.6015	75.69398	129.7667	130.9467	1.168364	81.62034	17.21129	17.21129	0	-9999	-9999
1752.605	1755.778	1394.778	128.7165	66.16957	128.8463	129.7667	4.561843	76.29819	19.13997	17.49863	1.641336	-9999	-9999
1752.61	1755.784	1394.784	130.3213	72.4217	130.4747	130.8877	1.389476	84.12745	14.48307	14.48307	0	-9999	-9999
1752.615	1755.789	1394.789	128.6457	61.42129	128.6575	128.9407	6.690582	72.31689	20.99253	20.99253	0	-9999	-9999
1752.62	1755.795	1394.795	125.967	68.82916	126.085	128.4451	6.539173	65.92766	27.53316	27.53316	0	-9999	-9999
1752.625	1755.801	1394.801	128.0793	56.36667	128.2799	130.5101	6.971669	75.11302	17.91532	13.0292	4.88612	-9999	-9999
1752.63	1755.806	1394.806	128.9053	61.8808	129.0469	130.1207	5.334573	77.10929	17.55614	14.71072	2.845419	-9999	-9999
1752.635	1755.812	1394.812	128.0675	65.55689	127.9377	130.3921	7.319145	66.51203	26.16883	10.80232	15.36651	-9999	-9999
1752.64	1755.818	1394.818	127.5364	57.73128	127.9141	129.4481	5.769042	77.92882	16.30213	16.30213	0	-9999	-9999
1752.645	1755.823	1394.823	127.501	61.25419	127.4774	127.6898	8.058429	67.1151	24.82647	20.06588	4.760595	21.43036	-9999
1752.65	1755.829	1394.829	127.5836	69.80388	127.9141	128.5159	3.169854	77.6377	19.19245	18.07932	1.113127	-9999	-9999
1752.655	1755.834	1394.834	126.5806	62.43778	126.7812	128.3271	6.8812	69.79731	23.32149	19.19283	4.128654	-9999	-9999
1752.66	1755.84	1394.84	126.1912	65.2784	126.3918	126.5806	6.552027	68.57023	24.87775	21.99702	2.880722	-9999	-9999
1752.665	1755.846	1394.846	126.616	70.12415	126.7104	127.2886	5.811598	67.68858	26.49982	24.53783	1.961984	-9999	-9999
1752.67	1755.851	1394.851	125.436	93.09969	126.2974	129.4481	0	84.26513	15.73487	15.73487	0	-9999	-9999
1752.675	1755.857	1394.857	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1753.045	1756.274	1395.274	109.4113	63.87201	109.6709	110.1665	21.87266	28.14743	49.9799	25.33627	24.64363	26.86125	9
1753.05	1756.28	1395.28	113.3054	71.32166	113.4706	114.6034	17.21891	34.22933	48.55176	25.62433	22.92742	26.12752	9
1753.055	1756.285	1395.285	118.8161	70.29124	119.0285	119.4061	12.03261	46.86082	41.10657	35.33767	5.7689	24.76929	9
1753.06	1756.291	1395.291	122.6511	73.31287	122.8871	123.43	7.590194	58.16255	34.24726	29.50504	4.742221	-9999	9
1753.065	1756.296	1395.296	122.1437	62.82767	122.6865	124.8814	8.216682	62.36974	29.41358	12.39469	17.01889	22.46183	9
1753.07	1756.302	1395.302	121.5655	59.63894	121.8251	122.6157	11.71515	54.48386	33.80098	18.81804	14.98294	23.45035	9
1753.075	1756.308	1395.308	121.3295	59.48577	121.8959	124.197	9.591597	59.98625	30.42215	28.76606	1.656086	22.6944	9
1753.08	1756.313	1395.313	123.1114	61.33774	123.4182	126.3682	9.516072	60.33178	30.15215	16.3959	13.75625	22.3188	9
1753.085	1756.319	1395.319	123.017	59.09589	123.5362	123.6542	8.499318	64.5472	26.95348	10.52575	16.42774	22.39966	9
1753.09	1756.325	1395.325	124.5982	48.91702	124.7398	125.377	12.43433	60.55405	27.01162	8.825855	18.18577	22.20123	9
1753.095	1756.33	1395.33	122.5095	51.18673	122.7927	124.787	12.70919	57.24099	30.04982	19.74852	10.30129	22.64656	9
1753.1	1756.336	1395.336	121.6717	41.74587	122.1673	122.9343	14.11853	58.42909	27.45238	10.57323	16.87915	22.68277	9
1753.105	1756.342	1395.342	121.3413	50.95001	121.7071	122.7101	13.20108	55.38183	31.41709	13.87084	17.54625	23.16966	9
1753.11	1756.347	1395.347	121.7189	49.37653	121.7071	123.0524	16.16092	48.73041	35.10867	12.34967	22.759	23.7115	9
1753.115	1756.353	1395.353	122.1201	41.75979	122.2263	121.7071	16.72054	51.73347	31.54599	22.30514	9.24085	23.5689	9
1753.12	1756.358	1395.358	120.7041	37.17861	120.5979	118.6509	20.77807	43.45982	35.76212	18.99561	16.76651	24.85838	9
1753.125	1756.364	1395.364	121.8015	41.3699	122.1319	122.7809	15.37043	55.40056	29.22901	19.8657	9.36331	22.99403	9
1753.13	1756.37	1395.37	124.315	57.31354	124.3858	122.3797	11.21163	58.56792	30.22044	22.5154	7.705041	23.13	9
1753.135	1756.375	1395.375	122.4623	31.83157	122.4977	122.8399	19.35705	50.55744	30.08551	4.546446	25.53906	23.37193	9
1753.14	1756.381	1395.381	119.8073	34.03165	119.6421	120.4917	22.82196	40.02615	37.15188	19.45759	17.6943	24.80198	9
1753.145	1756.387	1395.387	118.1199	31.63663	118.0608	119.2645	24.13093	37.94467	37.9244	11.11653	26.80788	25.10862	9
1753.15	1756.392	1395.392	118.4385	25.106	118.5093	119.0167	24.41225	40.43107	35.15668	12.17261	22.98407	24.89396	9
1753.155	1756.398	1395.398	116.9516	31.12142	116.7156	115.2052	26.70216	32.63063	40.66721	21.56743	19.09978	26.3315	9
1753.16	1756.403	1395.403	115.7362	38.29257	115.5592	118.4975	25.62767	31.71662	42.65571	28.21026	14.44546	25.69076	9
1753.165	1756.409	1395.409	113.86	51.71586	113.9426	116.0194	22.09343	32.82579	45.08078	27.81655	17.26423	25.87315	9
1753.17	1756.415	1395.415	116.5032	39.37869	116.7156	116.043	21.64126	39.30123	39.05751	17.04856	22.00895	25.464	9
1753.175	1756.42	1395.42	118.1199	61.1985	118.2379	117.223	15.60518	42.92807	41.46675	32.26242	9.204332	25.27376	9
1753.18	1756.426	1395.426	118.0845	51.67409	117.8602	116.7156	20.59476	36.45959	42.94565	13.25477	29.69087	25.82904	9
1753.185	1756.432	1395.432	115.0518	51.72979	114.7214	113.9308	24.1944	29.18438	46.62122	25.8543	20.76692	26.72291	9
1753.19	1756.437	1395.437	115.689	72.39385	115.3468	114.863	18.69891	31.49676	49.80433	33.96374	15.8406	26.53944	9
1753.195	1756.443	1395.443	115.2524	56.11603	114.7332	116.4324	24.4116	27.12065	48.46774	18.2531	30.21464	26.49222	9
1753.2	1756.449	1395.449	115.3586	53.65138	114.9338	113.8718	24.17873	28.47482	47.34645	23.01983	24.32662	26.8422	9
1753.205	1756.454	1395.454	116.9516	62.02005	117.0224	117.6596	16.84694	39.57432	43.57874	24.92754	18.6512	25.38823	9
1753.21	1756.46	1395.46	115.335	50.5462	115.3468	115.1462	21.56817	34.56367	43.86815	28.49607	15.37208	26.02521	9
1753.215	1756.465	1395.465	115.8306	58.17686	114.9338	112.0427	26.30739	22.69965	50.99296	26.6937	24.29926	27.82608	9
1753.22	1756.471	1395.471	122.1319	70.26339	122.3679	121.9431	8.805843	56.38801	34.80615	32.28526	2.520885	23.68236	9

1753.225	1756.477	1395.477	122.7809	69.83173	123.1114	123.9492	7.581598	60.36365	32.05475	24.99494	7.059815	-9999	9
1753.23	1756.482	1395.482	120.9991	89.75779	120.2439	117.8484	12.81235	35.37127	51.81638	34.02318	17.79319	26.51584	9
1753.235	1756.488	1395.488	117.2112	75.03952	117.8012	122.9816	9.433508	49.52261	41.04388	23.85886	17.18503	23.96555	9
1753.24	1756.494	1395.494	120.9047	38.58499	120.9401	120.4563	19.15575	46.7868	34.05745	22.81058	11.24687	24.20315	9
1753.245	1756.499	1395.499	123.9846	50.5462	123.6424	124.5274	16.35412	47.81289	35.83299	20.4278	15.40519	23.65888	9
1753.25	1756.505	1395.505	119.8663	46.59162	120.0079	120.9165	17.35042	46.64917	36.00041	15.50815	20.49225	24.16801	9
1753.255	1756.511	1395.511	120.6687	50.22593	120.8339	121.3059	15.54979	49.45825	34.99196	16.62236	18.36959	23.92755	9
1753.26	1756.516	1395.516	121.7425	69.31652	122.2735	125.3416	7.106944	61.24949	31.64356	28.89999	2.74357	-9999	9
1753.265	1756.522	1395.522	119.2173	48.01193	119.1937	117.7068	18.88413	42.1501	38.96577	18.54282	20.42295	25.16138	9
1753.27	1756.527	1395.527	119.5359	46.03464	119.8663	121.4357	16.32596	49.22422	34.44983	22.01211	12.43772	23.8106	9
1753.275	1756.533	1395.533	115.1344	66.32274	114.7686	116.6212	20.86127	29.80375	49.33498	19.65111	29.68387	26.23851	9
1753.28	1756.539	1395.539	115.4412	50.18416	115.8896	116.3144	18.17436	41.25924	40.5664	26.11478	14.45162	25.25054	9
1753.285	1756.544	1395.544	115.512	81.12456	116.5622	118.4503	5.957602	52.75466	41.28774	40.93908	0.348656	-9999	9
1753.29	1756.55	1395.55	115.0046	86.88933	115.689	114.9574	7.864353	46.24839	45.88726	38.25347	7.633794	-9999	9
1753.295	1756.556	1395.556	117.2348	78.79916	117.5416	114.8866	10.69681	45.16767	44.13552	31.49205	12.64348	25.81173	9
1753.3	1756.561	1395.561	119.8191	45.31056	119.8899	119.0167	18.25257	45.13512	36.6123	16.38125	20.23105	24.64362	9
1753.305	1756.567	1395.567	122.8635	50.65759	123.4654	122.6157	10.04235	65.26896	24.68869	20.66055	4.028135	22.31072	9
1753.31	1756.573	1395.573	123.843	47.83091	124.3622	124.8578	10.46551	66.67761	22.85688	14.12138	8.735497	21.68612	9
1753.315	1756.578	1395.578	123.6542	44.15482	124.02	126.0496	12.71769	62.27179	25.01052	2.007133	23.00338	21.80193	9
1753.32	1756.584	1395.584	120.6569	56.29705	120.9283	123.1232	13.26837	51.89072	34.84091	23.97271	10.8682	23.48038	9
1753.325	1756.589	1395.589	119.2409	52.11967	119.8309	121.4593	13.11284	53.5785	33.30865	27.55428	5.754379	23.52417	9
1753.33	1756.595	1395.595	115.5002	54.55647	115.7598	116.0194	18.52521	38.84827	42.62652	16.40344	26.22309	25.54627	9
1753.335	1756.601	1395.601	111.9365	44.39154	112.3023	112.6917	23.44064	32.45178	44.10759	22.24727	21.86031	26.29481	9
1753.34	1756.606	1395.606	108.8921	58.14901	109.7063	110.8155	19.43706	32.99919	47.56375	34.12919	13.43456	26.37179	9
1753.345	1756.612	1395.612	107.9598	67.07467	108.9629	111.7831	16.67147	33.91715	49.41138	35.18043	14.23095	26.15285	9
1753.35	1756.618	1395.618	108.5971	73.20148	109.5647	111.4645	14.8769	35.15177	49.97133	34.35825	15.61308	26.28574	9
1753.355	1756.623	1395.623	104.5968	52.67666	104.2428	103.4049	33.76677	15.33273	50.9005	23.67575	27.22475	28.50958	9
1753.36	1756.629	1395.629	105.9066	62.85552	105.5644	104.3608	30.007	17.46452	52.52849	26.60161	25.92688	28.23075	9
1753.365	1756.634	1395.634	111.9129	116.0195	111.5353	113.8246	11.88984	28.05707	60.05309	35.99995	24.05314	27.0461	10
1753.37	1756.64	1395.64	117.9782	122.0489	118.4739	121.8251	0	53.12312	46.87688	46.87688	0	-9999	10
1753.375	1756.646	1395.646	115.4884	166.2455	116.6566	120.9165	0	60.2784	39.7216	39.7216	0	-9999	10
1753.38	1756.651	1395.651	117.1758	214.0625	119.0285	123.8902	0	80.39735	19.60265	19.60265	0	-9999	10
1753.385	1756.657	1395.657	119.4651	227.9035	121.3177	129.9201	0	90.29934	9.700659	9.700659	0	-9999	10
1753.39	1756.663	1395.663	124.197	209.4256	125.554	127.1942	0	98.91827	1.081732	1.081732	0	-9999	10
1753.395	1756.668	1395.668	132.9528	129.2757	133.0944	136.0326	0	99.81205	0.187947	0.187947	0	-9999	10
1753.4	1756.674	1395.674	135.7022	146.1941	135.9854	137.8381	0	100	0	0	0	-9999	10
1753.405	1756.68	1395.68	133.7552	218.8525	134.4396	132.4335	0	100	0	0	0	-9999	10
1753.41	1756.685	1395.685	132.2093	236.9127	133.3068	134.3216	0	100	0	0	0	-9999	10
1753.415	1756.691	1395.691	131.9025	158.7958	132.0087	131.9851	0	95.53977	4.460232	4.460232	0	-9999	10
1753.42	1756.696	1395.696	134.593	161.525	135.0414	133.8378	0	100	0	0	0	-9999	10
1753.425	1756.702	1395.702	134.2744	216.4714	134.7228	134.2744	0	100	0	0	0	-9999	10
1753.43	1756.708	1395.708	133.4838	227.3465	134.8762	138.3927	0	100	0	0	0	-9999	10
1753.435	1756.713	1395.713	131.7963	277.0433	133.9676	139.6081	0	100	0	0	0	-9999	10
1753.44	1756.719	1395.719	132.0559	229.9365	134.8526	138.2393	0	100	0	0	0	-9999	10
1753.445	1756.725	1395.725	132.5987	206.7521	134.9588	140.6701	0	100	0	0	0	-9999	10
1753.45	1756.73	1395.73	131.8199	159.4085	132.6341	135.4072	0	100	0	0	0	-9999	10
1753.455	1756.736	1395.736	117.459	168.2785	118.1553	121.5773	0	58.2588	41.7412	41.7412	0	-9999	9
1753.46	1756.742	1395.742	114.5326	99.11511	113.4706	113.388	18.87484	21.56439	59.56077	48.16034	11.40043	27.63911	9
1753.465	1756.747	1395.747	117.6242	88.26786	118.4385	122.8281	4.114696	55.32847	40.55683	40.55683	0	-9999	9
1753.47	1756.753	1395.753	117.3056	52.31462	117.1994	118.0136	20.24175	36.83201	42.92625	18.66292	24.26332	25.48559	9
1753.475	1756.758	1395.758	116.5976	86.47159	116.161	115.925	15.18778	32.60946	52.20276	44.00623	8.196533	26.53432	9
1753.48	1756.764	1395.764	119.3707	79.66248	119.0639	119.9489	13.27841	39.60768	47.11392	27.35234	19.76158	25.43726	9
1753.485	1756.77	1395.77	121.4711	109.7813	121.1761	119.9961	3.965785	46.54877	49.48544	43.13049	6.354953	-9999	9
1753.49	1756.775	1395.775	124.1852	74.99775	124.9758	120.5035	1.472908	76.14622	22.38087	22.38087	0	-9999	9
1753.495	1756.781	1395.781	126.1676	81.05494	127.1706	128.0675	0	90.39518	9.604821	9.604821	0	-9999	9
1753.5	1756.787	1395.787	126.5098	126.2123	127.5836	129.2357	0	96.95913	3.040869	3.040869	0	-9999	9
1753.505	1756.792	1395.792	118.3087	144.6763	119.4179	120.5035	0	66.40037	33.59963	33.59963	0	-9999	9
1753.51	1756.798	1395.798	111.3465	121.5337	112.2433	111.5117	1.199719	43.15416	55.64613	55.64613	0	-9999	9
1753.515	1756.804	1395.804	109.4231	97.48593	109.7653	112.3495	13.08707	31.35018	55.56275	47.8723	7.69045	26.62775	9
1753.52	1756.809	1395.809	114.214	108.6395	113.9898	114.2848	10.36997	33.09581	56.53422	43.61872	12.9155	26.9318	9
1753.525	1756.815	1395.815	119.8663	117.7044	121.1879	121.8605	0	73.96661	26.03339	26.03339	0	-9999	9
1753.53	1756.82	1395.82	120.4445	77.50417	122.0375	124.4684	0	78.95146	21.04854	21.04854	0	-9999	9
1753.535	1756.826	1395.826	118.0963	60.30732	118.6391	118.6155	12.55029	50.0841	37.36561	27.2705	10.09512	24.44175	9
1753.54	1756.832	1395.832	120.9047	86.51337	121.7425	120.5271	1.33835	65.91237	32.74928	32.74928	0	-9999	9
1753.545	1756.837	1395.837	119.9017	79.09157	120.5035	122.6629	5.886241	57.57352	36.54024	33.27852	3.261716	-9999	9
1753.55	1756.843	1395.843	118.0726	66.26704	118.3559	117.9074	13.14169	45.96598	40.89232	35.20437	5.687949	24.9894	9
1753.555	1756.849	1395.849	121.6481	79.20297	122.2617	122.2027	4.16111	63.32194	32.51695	32.51695	0	-9999	9
1753.56	1756.854	1395.854	123.0406	56.47807	123.666	124.9286	8.288051	66.80739	24.90456	10.75071	14.15385	21.89637	9
1753.565	1756.86	1395.86	119.9607	71.69762	121.0345	122.7337	3.96322	66.34901	29.68777	29.45821	0.229563	-9999	9
1753.57	1756.865	1395.865	118.6391	88.24002	119.4179	120.5507	3.462156	57.67546	38.86239	38.86239	0	-9999	9
1753.575	1756.871	1395.871	115.512	103.0697	115.1462	116.456	11.62111	32.91937	55.45952	48.02253	7.436995	26.57652	9
1753.58	1756.877	1395.877	110.7801	72.49132	111.1695	110.2727	17.5215	32.52508	49.95342	40.13364	9.819776	26.78666	9
1753.585	1756.882	1395.882	109.8007	59.10981	110.3081	110.1665	20.74637	31.26088	47.99275	23.92924	24.06352	26.68106	9

1753.59	1756.888	1395.888	109.7771	44.29406	110.0485	111.0515	26.18253	27.54639	46.27108	18.68408	27.587	26.77015	9
1753.595	1756.894	1395.894	107.1102	61.00355	107.6294	107.6766	22.67185	27.06694	50.26121	30.03923	20.22198	27.10373	9
1753.6	1756.899	1395.899	100.5847	63.59352	101.1157	101.6821	27.95712	18.71065	53.33224	37.46276	15.86948	27.78485	9
1753.605	1756.905	1395.905	95.64039	54.02734	95.93539	96.60801	36.64993	11.83495	51.51512	25.48929	26.02583	28.52529	9
1753.61	1756.911	1395.911	94.53117	59.47185	94.18896	94.30696	41.29124	8.030551	50.6782	30.66037	20.01783	29.08653	9
1753.615	1756.916	1395.916	94.79077	89.86919	94.68457	93.74055	31.86721	11.46461	56.66818	26.54904	30.11914	28.3384	9
1753.62	1756.922	1395.922	97.04462	75.80537	97.44583	99.71147	29.26469	15.11745	55.61786	22.82569	32.79217	27.64977	9
1753.625	1756.927	1395.927	100.0537	60.05668	100.9269	102.0361	26.64946	20.30551	53.04503	22.40122	30.64381	27.5911	9
1753.63	1756.933	1395.933	101.6939	45.83969	102.5081	103.7354	29.03821	20.96232	49.99947	21.56572	28.43375	27.56708	9
1753.635	1756.939	1395.939	97.20982	65.13915	97.59923	98.18924	31.78538	14.47547	53.73915	32.41629	21.32286	28.11758	9
1753.64	1756.944	1395.944	100.7971	65.50119	101.8709	103.3577	23.09326	23.08448	53.82225	27.78381	26.03845	27.33022	9
1753.645	1756.95	1395.95	99.14506	50.56012	100.0301	101.5169	29.6921	18.66785	51.64005	37.43683	14.20322	27.7177	9
1753.65	1756.956	1395.956	100.4549	65.86323	101.3989	102.8385	24.32645	21.7052	53.96835	39.89659	14.07175	27.41931	9
1753.655	1756.961	1395.961	101.5287	58.85917	102.1069	103.1807	27.86853	19.83144	52.30003	27.46622	24.83381	27.6185	9
1753.66	1756.967	1395.967	94.69637	40.24201	95.21558	95.66399	39.11689	11.35375	49.52936	28.83751	20.69185	28.85317	9
1753.665	1756.973	1395.973	87.41562	56.8958	88.05283	86.95541	40.87044	7.842257	51.2873	25.22801	26.05929	29.10262	9
1753.67	1756.978	1395.978	87.94663	81.2638	87.51002	88.06463	42.80698	5.785518	51.4075	25.9345	25.47301	28.70365	9
1753.675	1756.984	1395.984	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1754	1757.35	1396.35	108.4673	38.65461	108.6325	109.5411	29.57539	23.98495	46.43966	19.08603	27.35363	27.23029	9
1754.005	1757.355	1396.355	100.2307	91.24772	99.42827	98.62585	31.92455	11.05553	57.01992	24.79825	32.22167	28.49015	9
1754.01	1757.36	1396.36	114.273	54.6261	113.6712	113.4942	26.3134	24.40569	49.28091	36.20933	13.07158	27.16918	9
1754.015	1757.365	1396.365	119.8073	41.66232	120.1141	120.7631	17.31727	49.22869	33.45404	19.78983	13.66421	23.87941	9
1754.02	1757.37	1396.37	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1754.025	1757.375	1396.375	105.5762	69.23297	105.8358	101.1157	24.10358	22.95422	52.9422	30.51728	22.42492	28.34958	9
1754.03	1757.38	1396.38	106.3904	92.6541	105.6588	107.889	25.36855	16.44084	58.19061	34.84242	23.34819	27.56652	9
1754.035	1757.385	1396.385	102.1423	98.58597	101.2573	100.3605	29.03015	12.2439	58.72595	40.7735	17.95245	28.38403	9
1754.04	1757.39	1396.39	108.5027	86.20703	108.243	108.0896	21.3274	22.83012	55.84248	37.47806	18.36442	27.50734	9
1754.045	1757.395	1396.395	109.3641	89.99451	109.9659	110.0957	12.94234	33.63992	53.41775	28.79046	24.62729	26.86534	9
1754.05	1757.4	1396.4	105.2104	92.29207	105.6116	105.8594	17.7624	25.30694	56.93066	27.19681	29.73385	27.41173	9
1754.055	1757.405	1396.405	100.1717	90.78821	100.7263	102.9447	21.57307	20.25471	58.17222	28.46315	29.70908	27.34004	9
1754.06	1757.41	1396.41	100.9151	158.9629	100.0655	95.15658	15.27362	15.75229	68.97409	52.66547	16.30862	29.01133	9
1754.065	1757.415	1396.415	98.08304	121.2691	97.81163	97.06822	22.51987	14.96865	62.51147	29.99478	32.51669	28.00802	9
1754.07	1757.42	1396.42	103.6764	95.24408	102.9211	100.4903	27.42161	14.12165	58.45675	24.87633	33.58042	28.56459	9
1754.075	1757.425	1396.425	101.6585	80.34478	101.7529	99.60527	26.29912	17.79551	55.90537	27.88249	28.02288	28.26793	9
1754.08	1757.43	1396.43	101.2219	57.7452	101.3281	101.0921	32.07844	15.916	52.00555	27.03413	24.97142	28.24041	9
1754.085	1757.435	1396.435	100.8207	51.68801	100.9859	99.66427	33.45613	15.53118	51.01268	35.34111	15.67157	28.54983	9
1754.09	1757.44	1396.44	96.2776	58.77562	96.49001	96.85581	35.55477	12.20643	52.2388	37.83508	14.40372	28.46969	9
1754.095	1757.445	1396.445	103.6056	46.38275	103.759	105.1278	32.26939	18.07042	49.66019	35.47342	14.18677	27.82472	9
1754.1	1757.45	1396.45	106.6382	38.16725	107.0394	107.5114	29.547	23.65727	46.79572	22.47912	24.3166	27.39022	9
1754.105	1757.455	1396.455	102.3193	57.98192	102.5671	99.77047	29.91411	18.15396	51.93194	28.1527	23.77924	28.48206	9
1754.11	1757.46	1396.46	105.5644	60.11238	106.4612	106.6264	21.38322	28.22473	50.39205	36.88454	13.50752	27.06274	9
1754.115	1757.465	1396.465	108.7741	81.52837	110.1193	111.3701	9.772486	40.2799	49.94761	42.49865	7.44896	26.33796	9
1754.12	1757.47	1396.47	111.1695	81.80686	112.7271	115.0046	5.855144	48.46126	45.68359	37.64348	8.040117	-9999	9
1754.125	1757.475	1396.475	110.8863	55.2527	111.2285	112.1371	21.96134	30.98681	47.05185	18.76673	28.28512	26.42664	10
1754.13	1757.48	1396.48	108.3493	49.25121	108.7977	109.7299	24.92473	27.50151	47.57377	33.03942	14.53435	26.83271	10
1754.135	1757.485	1396.485	111.4409	51.67409	111.7005	111.2167	22.95729	30.72449	46.31822	17.61092	28.7073	26.66496	10
1754.14	1757.49	1396.49	111.2285	64.84673	112.0427	112.3495	15.66668	38.0455	46.28782	36.87523	9.412586	26.06682	10
1754.145	1757.495	1396.495	108.7859	54.59825	108.9393	108.9157	25.51536	25.40714	49.07751	19.06925	30.00826	27.19121	10
1754.15	1757.5	1396.5	112.6445	42.62312	112.6091	112.4203	26.32659	28.49623	45.17719	16.81112	28.36607	26.77431	10
1754.155	1757.505	1396.505	109.3641	50.50442	109.4467	109.8007	26.52282	25.22775	48.24943	31.72314	16.52629	27.12745	10
1754.16	1757.51	1396.51	108.5617	58.45535	109.2225	111.3701	20.85578	30.74882	48.39541	27.14684	21.24857	26.35572	10
1754.165	1757.515	1396.515	107.6412	34.44939	107.7474	108.0778	31.81024	21.91961	46.27014	25.03504	21.2351	27.63082	10
1754.17	1757.52	1396.52	108.5617	32.15184	108.1132	106.9332	35.8177	17.31652	46.86577	31.02892	15.83685	28.55033	10
1754.175	1757.525	1396.525	105.9892	39.35084	105.824	105.7532	34.24736	17.57203	48.18061	26.8914	21.28922	28.22939	10
1754.18	1757.53	1396.53	106.5438	42.24715	106.8034	106.4376	29.74394	22.43544	47.82062	21.75362	26.067	27.65562	10
1754.185	1757.535	1396.535	105.9066	49.82212	106.3786	105.9538	26.8509	24.06172	49.08738	20.49983	28.58755	27.47747	10
1754.19	1757.54	1396.54	106.8624	40.92432	107.2754	107.5586	28.58207	24.28683	47.13109	22.43436	24.69673	27.33563	10
1754.195	1757.545	1396.545	107.2754	38.9888	107.2164	107.2872	32.32858	20.10483	47.56659	28.18231	19.38429	27.86858	10
1754.2	1757.55	1396.55	107.0512	42.55349	107.2282	107.004	29.84315	22.35555	47.8013	32.53103	15.27027	27.62764	10
1754.205	1757.555	1396.555	104.8682	41.91296	105.2222	106.7208	30.63478	21.02902	48.3362	19.17129	29.16491	27.49396	10
1754.21	1757.56	1396.56	104.7266	34.32407	104.8092	105.5172	34.70496	17.96446	47.33058	16.61452	30.71606	28.09892	10
1754.215	1757.565	1396.565	105.942	51.66016	106.4612	106.6264	26.00772	24.68026	49.31202	17.47548	31.83654	27.30659	10
1754.22	1757.57	1396.57	102.2839	69.3583	102.7441	103.5938	25.54746	20.53348	53.91906	29.33042	24.58865	27.55152	10
1754.225	1757.575	1396.575	102.3193	53.79062	102.7323	102.1305	29.64807	19.15587	51.19606	18.48367	32.71239	28.00894	10
1754.23	1757.58	1396.58	96.0534	108.8762	98.36624	100.1953	7.358258	27.92458	64.71716	52.19673	12.52043	-9999	10
1754.235	1757.585	1396.585	93.97655	96.31627	94.38956	92.67853	27.03222	14.00267	58.96511	24.24304	34.72208	28.24574	9
1754.24	1757.59	1396.59	83.73394	99.64424	82.45952	80.46528	48.72767	3.024941	48.24739	21.80078	26.44661	29.28507	9
1754.245	1757.595	1396.595	85.69278	69.0798	85.57478	86.93181	45.35984	5.125264	49.51489	28.08561	21.42928	28.86533	9
1754.25	1757.6	1396.6	87.59262	57.48063	89.74027	91.66371	28.86023	13.92181	57.21796	39.54421	17.67375	27.95009	9
1754.255	1757.605	1396.605	90.97929	65.52904	91.4159	92.66673	37.0573	9.871751	53.07094	19.62087	33.45007	28.33691	9
1754.26	1757.61	1396.61	93.64615	78.06115	93.83495	92.32452	33.49151	11.38799	55.1205	31.82389	23.29661	28.56256	9
1754.265	1757.615	1396.615	98.57865	81.04101	98.48425	99.61707	30.42733	13.737	55.83567	31.90795	23.92771	27.9383	9
1754.27	1757.62	1396.62	97.17442	97.23529	95.10938	90.93209	43.07267	2.679636	54.24769	32.00973	22.23796	30.12836	9

1754.275	1757.625	1396.625	100.2071	79.11942	99.68787	98.54325	32.68647	12.10765	55.20589	21.87033	33.33556	28.5734	9
1754.28	1757.63	1396.63	96.2776	89.85527	95.26278	94.37776	37.54449	7.500773	54.95473	36.88147	18.07327	28.82358	9
1754.285	1757.635	1396.635	94.22436	65.23662	93.51635	90.64889	43.01344	6.4182	50.56836	22.94078	27.62758	29.8011	9
1754.29	1757.64	1396.64	91.94691	55.29448	91.5221	90.73149	45.31984	5.923018	48.75714	22.46405	26.29308	29.67894	9
1754.295	1757.645	1396.645	89.92907	48.97272	89.78747	90.12968	46.51128	5.667928	47.82079	31.51099	16.3098	29.60336	9
1754.3	1757.65	1396.65	93.45734	59.37438	93.79955	95.07398	36.99854	10.75748	52.24398	23.26123	28.98276	28.40171	9
1754.305	1757.655	1396.655	94.14176	69.72033	93.38654	91.88791	42.37018	6.448294	51.18152	34.47456	16.70696	29.43974	9
1754.31	1757.66	1396.66	95.79379	61.42129	96.46641	95.59319	31.793	14.5942	53.6128	27.88138	25.73142	28.39416	9
1754.315	1757.665	1396.665	99.00346	49.84997	99.31026	99.54627	34.47538	14.59495	50.92967	33.89052	17.03915	28.37551	9
1754.32	1757.67	1396.67	97.59923	57.32746	97.98864	99.81767	33.31755	14.30363	52.37882	24.05146	28.32736	27.99727	9
1754.325	1757.675	1396.675	97.97684	55.75399	98.17744	96.63161	34.81416	13.36907	51.81677	28.33172	23.48504	28.7564	9
1754.33	1757.68	1396.68	99.27486	46.99543	99.49907	99.60527	35.55665	14.1151	50.32826	17.70631	32.62195	28.50495	9
1754.335	1757.685	1396.685	99.03886	53.06655	99.23946	99.59347	34.48746	14.14782	51.36472	37.18231	14.18241	28.36525	9
1754.34	1757.69	1396.69	99.46367	53.69315	99.42827	99.91208	35.77404	13.01703	51.20893	23.1824	28.02654	28.48439	9
1754.345	1757.695	1396.695	101.0095	65.50119	100.7971	100.0301	32.86611	13.95132	53.18257	25.1142	28.06837	28.46832	9
1754.35	1757.7	1396.7	101.0331	56.79833	100.8089	99.41647	35.04194	13.30085	51.65721	22.71491	28.9423	28.77455	9
1754.355	1757.705	1396.705	101.5169	111.7447	101.3635	98.92086	20.7511	17.95284	61.29605	30.56278	30.73327	28.29939	9
1754.36	1757.71	1396.71	100.1363	76.47375	99.90028	100.5729	31.19701	13.783	55.01999	28.44165	26.57834	28.08972	9
1754.365	1757.715	1396.715	97.22162	61.40736	97.23342	97.64643	35.60407	11.97296	52.42297	22.55788	29.86509	28.47064	9
1754.37	1757.72	1396.72	94.94417	81.06886	94.80257	92.70213	34.13012	10.78762	55.08227	35.84219	19.24007	28.72807	9
1754.375	1757.725	1396.725	93.48094	82.39169	92.69033	90.28308	40.18602	6.819506	52.99448	21.68328	31.3112	29.2517	9
1754.38	1757.73	1396.73	91.61651	77.43455	91.2389	90.68429	39.90011	7.457745	52.64214	18.20331	34.43883	28.83071	9
1754.385	1757.735	1396.735	90.99109	133.5784	90.25948	79.43866	29.63223	9.437505	60.93026	43.366	17.56426	29.62808	9
1754.39	1757.74	1396.74	86.12939	146.8207	83.15573	77.30281	48.27622	1.552203	50.17157	30.01207	20.1595	29.39606	9
1754.395	1757.745	1396.745	87.69883	89.92489	88.11183	86.03499	34.35444	9.395226	56.25033	40.52258	15.72775	28.48347	9
1754.4	1757.75	1396.75	84.80777	86.97288	85.75179	84.98477	33.61327	9.422496	56.96424	29.53621	27.42802	28.1877	9
1754.405	1757.755	1396.755	80.48888	80.37263	80.89009	70.78908	43.39069	5.291687	51.31762	35.73158	15.58604	30.39477	9
1754.41	1757.76	1396.76	80.80748	62.79982	81.6335	74.11675	44.05793	5.374855	50.56722	33.61257	16.95465	30.28914	9
1754.415	1757.765	1396.765	77.30281	35.74438	76.42959	74.14035	66.99871	0	33.00129	19.70858	13.29271	30.9837	9
1754.42	1757.77	1396.77	75.50918	31.56701	75.09617	74.96636	66.09316	0	33.90684	12.15854	21.7483	30.72845	9
1754.425	1757.775	1396.775	68.83024	39.65718	69.07804	66.43479	65.15865	0	34.84135	15.32615	19.5152	30.70224	9
1754.43	1757.78	1396.78	70.73008	29.81251	70.55307	70.41147	69.08548	0	30.91452	14.39096	16.52356	30.16408	9
1754.435	1757.785	1396.785	74.18755	29.64541	73.96334	72.38211	66.31085	0	33.68915	19.01031	14.67883	30.90801	9
1754.44	1757.79	1396.79	75.60358	20.03746	75.32037	74.71856	67.79049	0	32.20951	12.98907	19.22044	30.75351	9
1754.445	1757.795	1396.795	76.44139	20.14886	76.13459	75.34397	67.17564	0	32.82436	16.36052	16.46383	30.92061	9
1754.45	1757.8	1396.8	79.43866	27.66813	78.78964	78.70704	65.2506	0	34.7494	16.98084	17.76856	31.07038	9
1754.455	1757.805	1396.805	82.60112	43.52821	81.7279	81.6217	60.24058	0.085636	39.67378	26.47522	13.19856	31.62032	9
1754.46	1757.81	1396.81	92.28912	89.07549	90.10608	88.32424	50.45634	0.745173	48.79849	25.8862	22.91229	30.34349	9
1754.465	1757.815	1396.815	97.56383	86.29058	96.49001	94.95597	37.68108	7.549177	54.76974	23.19361	31.57613	29.03849	9
1754.47	1757.82	1396.82	99.39287	142.0167	97.37502	96.2186	29.82879	6.466911	63.7043	36.62392	27.08038	28.4306	9
1754.475	1757.825	1396.825	102.6733	122.578	104.1248	108.0424	4.628073	32.69142	62.68051	59.60134	3.07917	-9999	9
1754.48	1757.83	1396.83	103.9124	115.6157	105.0806	105.5762	7.367888	31.78839	60.84373	45.65462	15.18911	-9999	9
1754.485	1757.835	1396.835	107.8418	142.9079	105.6588	101.0921	23.1204	7.593249	69.28635	44.43788	24.84847	29.55095	9
1754.49	1757.84	1396.84	96.0416	80.31693	95.49879	96.2304	36.41182	9.283588	54.30459	26.84455	27.46004	28.4305	9
1754.495	1757.845	1396.845	95.9708	113.7498	95.9472	88.87885	24.36231	14.3494	61.28829	36.04497	25.24332	29.15641	9
1754.5	1757.85	1396.85	102.4845	101.0506	101.8591	103.1807	26.10693	14.57299	59.32008	39.75109	19.56899	27.78494	9
1754.505	1757.855	1396.855	91.3923	108.918	91.2389	90.60169	30.7498	10.44889	58.80131	41.16571	17.6356	28.00828	9
1754.51	1757.86	1396.86	94.21256	184.2639	92.90273	86.3064	18.88375	11.52799	69.58827	46.16386	23.42441	28.77893	9
1754.515	1757.865	1396.865	86.07039	85.48295	84.47736	83.96995	52.47437	1.595001	45.93063	27.50843	18.4222	29.91786	9
1754.52	1757.87	1396.87	81.5981	41.67625	82.35332	83.96995	48.99118	4.117453	46.89137	31.4149	15.47647	29.49358	9
1754.525	1757.875	1396.875	79.23805	45.26878	80.01687	81.84591	50.11012	3.383482	46.5064	29.68148	16.82492	29.44598	9
1754.53	1757.88	1396.88	82.36512	53.8881	82.35332	82.10551	51.27463	3.101312	45.62406	30.98594	14.63812	29.96147	9
1754.535	1757.885	1396.885	75.87498	125.2376	74.97816	74.54156	46.83786	4.08488	49.07726	16.31018	32.76708	27.76084	9
1754.54	1757.89	1396.89	71.9573	88.54636	72.0281	73.69194	51.82235	2.551235	45.62641	24.1394	21.48701	28.43511	3
1754.545	1757.895	1396.895	71.19029	40.72937	71.9101	72.0281	59.06986	0.219419	40.71072	24.62362	16.0871	30.77967	3
1754.55	1757.9	1396.9	85.13817	104.3368	83.67494	82.25891	47.7634	3.083088	49.15351	18.13919	31.01432	29.0907	3
1754.555	1757.905	1396.905	88.46584	141.4737	85.91699	82.54212	44.12841	2.562898	53.30869	29.75574	23.55295	28.81382	3
1754.56	1757.91	1396.91	90.07067	155.0223	86.88461	83.20293	44.3116	1.272764	54.41564	34.08547	20.33016	28.89308	3
1754.565	1757.915	1396.915	88.13543	176.7864	85.20897	81.6453	38.81316	3.690394	57.49644	22.13992	35.35653	27.89106	3
1754.57	1757.92	1396.92	85.85799	135.9874	84.50096	83.82835	38.61867	5.700001	55.68133	38.66306	17.01827	27.72781	3
1754.575	1757.925	1396.925	87.84043	144.5928	87.51002	87.58082	26.75601	10.40268	62.84131	35.47358	27.36774	27.33219	3
1754.58	1757.93	1396.93	89.20926	131.3505	89.55146	89.77567	23.48856	12.79333	63.71811	33.12424	30.59387	27.56493	3
1754.585	1757.935	1396.935	90.55448	127.1731	90.33028	90.28308	27.65157	10.92792	61.42052	44.51358	16.90694	27.65275	3
1754.59	1757.94	1396.94	98.67305	107.6648	97.90604	99.09786	29.11028	11.4144	59.47531	35.57741	23.8979	27.88216	3
1754.595	1757.945	1396.945	99.33386	108.5699	98.27184	96.3956	30.5696	10.02661	59.40379	30.15052	29.25327	28.57629	3
1754.6	1757.95	1396.95	96.65521	137.1153	96.3012	94.31876	20.63887	14.55103	64.81011	47.40763	17.40247	28.18825	3
1754.605	1757.955	1396.955	95.79379	106.1888	96.0534	95.49879	24.16008	15.28235	60.55757	37.59451	22.96305	27.96286	3
1754.61	1757.96	1396.96	98.61405	86.45767	97.98864	95.87639	33.19927	10.81639	55.98434	25.22237	30.76197	28.76123	3
1754.615	1757.965	1396.965	97.24522	101.719	97.28062	97.78803	25.64404	14.85293	59.50303	25.66278	33.84024	27.81466	3
1754.62	1757.97	1396.97	100.5021	87.2653	100.7499	100.9033	24.49939	18.19889	57.30172	42.16323	15.13849	27.79575	3
1754.625	1757.975	1396.975	102.9093	83.1297	102.4963	100.3959	28.40684	15.3321	56.26106	30.1528	26.10826	28.44541	3
1754.63	1757.98	1396.98	102.1069	89.74387	101.4697	98.27184	29.28202	13.42863	57.28935	31.97647	25.31289	28.76013	3
1754.635	1757.985	1396.985	100.8679	67.15821	100.9741	100.2779	30.12618	16.20017	53.67365	31.11219	22.56146	28.20059	3

1754.64	1757.99	1396.99	98.09484	118.9994	100.1363	100.5965	5.133719	29.80452	65.06176	65.06176	0	-9999	3
1754.645	1757.995	1396.995	100.6437	56.3249	100.4667	97.29242	35.14896	13.26084	51.5902	20.98879	30.60142	29.10668	3
1754.65	1758	1397	103.6056	68.46712	102.5317	99.65247	36.43597	9.775732	53.7883	37.90038	15.88791	29.39937	3
1754.655	1758.005	1397.005	103.9242	62.57703	103.4285	99.93568	33.08711	14.19788	52.71501	25.83501	26.88	29.00959	3
1754.66	1758.01	1397.01	107.0748	72.25461	105.5998	101.2573	35.43703	8.870302	55.69267	20.67446	35.0182	29.78318	3
1754.665	1758.015	1397.015	110.1193	102.7633	111.8539	117.0106	0.378101	49.44142	50.18048	50.18048	0	-9999	3
1754.67	1758.02	1397.02	109.1871	83.54743	109.6355	111.6061	15.85425	31.19306	52.9527	27.3392	25.61349	26.54983	3
1754.675	1758.025	1397.025	109.7063	66.12779	109.7063	109.3523	23.0673	25.88083	51.05187	25.57832	25.47355	27.19124	3
1754.68	1758.03	1397.03	111.9719	109.1269	111.7831	114.096	12.04036	29.98256	57.97708	41.07182	16.90526	26.80999	3
1754.685	1758.035	1397.035	113.978	143.1585	115.6772	123.3002	0	62.3871	37.6129	37.6129	0	-9999	3
1754.69	1758.04	1397.04	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1755.015	1758.365	1397.365	87.13241	68.95448	88.04103	84.60716	36.1094	9.497358	54.39324	31.47632	22.91692	29.04416	3
1755.02	1758.37	1397.37	90.54268	83.21324	91.3451	92.18292	30.3444	12.37692	57.27868	41.8115	15.46718	27.91174	3
1755.025	1758.375	1397.375	94.42496	95.48079	94.99138	93.85855	25.63299	15.10814	59.25887	32.57798	26.68089	28.11041	3
1755.03	1758.38	1397.38	95.25098	130.6821	95.64039	96.79681	17.72611	17.21292	65.06097	48.33508	16.72589	27.66111	3
1755.035	1758.385	1397.385	93.62255	153.7551	96.56081	98.77925	0	31.21537	68.78463	68.78463	0	-9999	3
1755.04	1758.39	1397.39	93.36294	178.8194	95.72299	97.95324	0	29.30837	70.69163	70.69163	0	-9999	3
1755.045	1758.395	1397.395	93.91755	267.5467	92.98533	93.05614	0	18.84013	81.15987	81.15987	0	-9999	3
1755.05	1758.4	1397.4	91.64011	292.5692	87.73423	88.32424	15.15993	7.756	77.08407	44.2016	32.88247	26.41592	3
1755.055	1758.405	1397.405	87.48642	282.7106	86.6132	90.05887	0	17.65467	82.34533	82.34533	0	-9999	3
1755.06	1758.41	1397.41	88.94965	347.2788	90.42468	94.62557	0	31.86283	68.13717	68.13717	0	-9999	3
1755.065	1758.415	1397.415	85.42138	304.9203	81.11429	78.09343	21.00156	8.582839	70.4156	45.78767	24.62793	25.52602	3
1755.07	1758.42	1397.42	85.95239	219.0335	82.11731	96.372	37.63955	3.977459	58.38299	23.6072	34.77579	23.61461	3
1755.075	1758.425	1397.425	87.00261	210.1914	83.73394	104.0068	34.42344	4.916085	60.66047	41.70631	18.95416	22.66561	3
1755.08	1758.43	1397.43	88.38324	189.1792	84.90217	94.51937	39.88435	2.723093	57.39256	32.01453	25.37803	25.37316	3
1755.085	1758.435	1397.435	89.06765	201.5025	88.34784	92.76113	14.87272	13.29512	71.83216	41.10104	30.73112	26.53676	3
1755.09	1758.44	1397.44	90.74329	258.7882	88.59564	92.64313	10.53368	12.13376	77.33256	67.69909	9.633468	26.5457	3
1755.095	1758.445	1397.445	90.22408	322.6463	93.87035	94.05916	0	41.59702	58.40298	58.40298	0	-9999	3
1755.1	1758.45	1397.45	87.45102	350.0081	96.3248	92.30092	0	65.91899	34.08101	34.08101	0	-9999	3
1755.105	1758.455	1397.455	87.93483	372.914	98.97986	92.24192	0	82.01588	17.98412	17.98412	0	-9999	3
1755.11	1758.46	1397.46	87.47462	387.9107	98.61405	98.87366	0	82.15172	17.84828	17.84828	0	-9999	3
1755.115	1758.465	1397.465	87.65162	352.9879	97.04462	93.16234	0	69.63893	30.36107	30.36107	0	-9999	3
1755.12	1758.47	1397.47	89.46886	264.9011	96.2186	93.56355	0	52.8775	47.1225	47.1225	0	-9999	3
1755.125	1758.475	1397.475	90.46008	232.9442	95.85279	96.46641	0	45.13122	54.86878	54.86878	0	-9999	3
1755.13	1758.48	1397.48	91.66371	263.4947	96.46641	98.20104	0	46.09522	53.90478	53.90478	0	-9999	3
1755.135	1758.485	1397.485	91.1091	233.8771	96.2068	103.8298	0	44.75323	55.24677	55.24677	0	-9999	3
1755.14	1758.49	1397.49	89.13846	195.3757	94.54297	98.00044	0	40.26448	59.73552	59.73552	0	-9999	3
1755.145	1758.495	1397.495	89.72847	205.0811	94.22436	99.61707	0	37.22571	62.77429	62.77429	0	-9999	3
1755.15	1758.5	1397.5	89.87007	208.1724	94.68457	97.69363	0	39.30803	60.69197	60.69197	0	-9999	3
1755.155	1758.505	1397.505	90.71969	240.7837	96.72601	98.94446	0	49.64406	50.35594	50.35594	0	-9999	3
1755.16	1758.51	1397.51	89.84647	259.1084	96.84401	96.51361	0	54.73877	45.26123	45.26123	0	-9999	3
1755.165	1758.515	1397.515	89.49246	258.8717	96.136	96.83221	0	51.92333	48.07667	48.07667	0	-9999	3
1755.17	1758.52	1397.52	89.78747	293.1401	96.1006	99.01526	0	52.99977	47.00023	47.00023	0	-9999	3
1755.175	1758.525	1397.525	88.50124	305.157	94.46036	90.15328	0	49.39949	50.60051	50.60051	0	-9999	3
1755.18	1758.53	1397.53	87.72243	243.8889	94.31876	92.66673	0	47.07426	52.92574	52.92574	0	-9999	3
1755.185	1758.535	1397.535	86.5542	286.0943	93.13874	84.61896	0	47.67531	52.32469	52.32469	0	-9999	3
1755.19	1758.54	1397.54	86.75481	287.8488	93.15054	80.71308	0	47.2428	52.7572	52.7572	0	-9999	3
1755.195	1758.545	1397.545	85.59838	299.2251	92.67853	79.40326	0	49.1771	50.8229	50.8229	0	-9999	3
1755.2	1758.55	1397.55	86.3536	295.4377	93.64615	83.62774	0	51.39206	48.60794	48.60794	0	-9999	3
1755.205	1758.555	1397.555	84.83137	295.549	93.04434	96.90301	0	52.83628	47.16372	47.16372	0	-9999	3
1755.21	1758.56	1397.56	80.91369	237.1912	89.20926	90.71969	0	41.95107	58.04893	58.04893	0	-9999	3
1755.215	1758.565	1397.565	79.50946	55.92108	79.67466	76.5712	52.03807	2.679911	45.28202	29.30518	15.97683	30.41484	3
1755.22	1758.57	1397.57	79.86346	43.70923	80.34727	81.4329	52.19845	2.784918	45.01663	27.31502	17.70161	29.90136	3
1755.225	1758.575	1397.575	82.66012	64.97205	83.21473	74.04595	43.93121	5.603983	50.4648	26.11596	24.34885	30.60224	3
1755.23	1758.58	1397.58	84.32396	67.77089	83.19113	78.69524	54.80078	1.416984	43.78223	31.18563	12.59661	31.15886	3
1755.235	1758.585	1397.585	87.38022	95.60611	86.3182	84.41836	44.70419	4.338304	50.95751	19.78009	31.17742	29.11971	3
1755.24	1758.59	1397.59	88.89065	110.6029	85.45678	84.51276	58.0672	0	41.9328	18.58821	23.34459	27.44908	3
1755.245	1758.595	1397.595	87.73423	137.3938	85.26798	78.42384	45.14867	2.519932	52.3314	34.27326	18.05814	29.53435	3
1755.25	1758.6	1397.6	85.13817	93.46173	82.11731	80.13487	62.46682	0	37.53318	10.38874	27.14443	28.79254	3
1755.255	1758.605	1397.605	83.78115	59.81996	84.00535	80.14667	46.70733	4.767657	48.52501	32.02153	16.50348	30.02186	3
1755.26	1758.61	1397.61	84.47736	70.08237	82.69552	80.11127	59.13013	0	40.86987	20.15254	20.71733	31.16078	3
1755.265	1758.615	1397.615	87.12061	116.7297	83.45074	84.27676	60.04198	0	39.95802	24.35041	15.6076	27.01573	3
1755.27	1758.62	1397.62	88.63104	109.0433	88.64285	79.63926	31.9795	9.661508	58.35899	35.2131	23.14589	29.48468	3
1755.275	1758.625	1397.625	86.88461	100.0202	86.3418	80.59508	40.06806	6.255895	53.67605	32.41039	21.26566	29.32521	3
1755.28	1758.63	1397.63	83.53334	131.6011	81.6099	81.8223	46.20851	3.347414	50.44408	21.80075	28.64332	28.03858	3
1755.285	1758.635	1397.635	86.4008	117.7044	85.00837	83.17933	42.81812	4.476217	52.70566	21.24584	31.45982	28.54822	3
1755.29	1758.64	1397.64	85.37418	156.6654	87.06161	86.82561	10.46512	17.06182	72.47306	58.43033	14.04273	28.31353	3
1755.295	1758.645	1397.645	87.66342	144.6485	87.74603	89.02045	23.70456	11.83924	64.4562	45.77033	18.68587	27.16548	3
1755.3	1758.65	1397.65	84.38296	118.4285	85.25618	86.4362	26.94055	11.0718	61.98766	41.03496	20.9527	27.34613	3
1755.305	1758.655	1397.655	87.07341	76.80794	85.85799	84.55996	50.72448	2.462595	46.81292	27.31365	19.49927	29.99573	3
1755.31	1758.66	1397.66	86.3772	70.62543	85.40958	78.68344	50.94068	2.673577	46.38575	17.16101	29.22474	31.06829	3
1755.315	1758.665	1397.665	88.71365	102.3317	87.75783	82.17631	41.02678	5.589237	53.38398	26.80371	26.58027	29.44748	3
1755.32	1758.67	1397.67	92.66673	207.7128	90.09427	83.37994	24.41661	7.172884	68.4105	36.91713	31.49337	28.30001	3

1755.325	1758.675	1397.675	88.94965	100.5354	87.76963	82.49492	42.98194	4.714031	52.30403	19.23838	33.06565	29.60896	3
1755.33	1758.68	1397.68	87.91123	69.12158	87.53362	85.51578	45.32071	5.166419	49.51287	18.8539	30.65897	29.57557	3
1755.335	1758.685	1397.685	87.92303	45.40803	88.41864	88.25344	44.28109	6.832707	48.8862	22.69304	26.19317	29.3942	3
1755.34	1758.69	1397.69	86.93181	55.26663	87.54542	87.35662	41.89271	7.359141	50.74815	19.21075	31.5374	29.01915	3
1755.345	1758.695	1397.695	88.31244	123.2464	87.46282	83.89915	35.51147	7.253775	57.23476	26.37001	30.86475	28.43095	3
1755.35	1758.7	1397.7	84.78417	69.16335	85.86979	87.01441	36.84746	8.680958	54.47158	36.23803	18.23355	28.19588	3
1755.355	1758.705	1397.705	86.09399	47.00936	85.76359	85.83439	51.97792	3.093115	44.92897	30.69031	14.23866	30.28083	3
1755.36	1758.71	1397.71	86.04679	63.10616	85.63378	83.76934	48.76608	3.886056	47.34787	21.28284	26.06503	29.9562	3
1755.365	1758.715	1397.715	84.22955	50.36518	84.90217	82.86073	45.10768	5.747287	49.14503	18.5416	30.60344	29.66997	3
1755.37	1758.72	1397.72	81.91671	62.03397	82.32972	80.39448	46.42359	4.669179	48.90723	16.85924	32.04798	29.52671	3
1755.375	1758.725	1397.725	81.09069	47.21823	80.73668	81.30309	56.71331	1.292902	41.99379	26.33023	15.66356	30.68659	3
1755.38	1758.73	1397.73	76.6184	50.76899	76.5004	72.40571	58.1395	0.802725	41.05778	14.80522	26.25255	31.46947	3
1755.385	1758.735	1397.735	78.23503	54.05519	78.50644	74.65956	52.83902	2.374021	44.78696	26.59793	18.18903	30.63331	3
1755.39	1758.74	1397.74	77.99903	37.90269	78.61264	79.88707	54.31295	1.998144	43.68891	19.32583	24.36308	30.19587	3
1755.395	1758.745	1397.745	76.14639	32.82022	76.6184	77.01961	58.34476	0.696152	40.95909	12.54499	28.41411	31.01396	3
1755.4	1758.75	1397.75	75.81598	22.02867	76.34699	76.39419	60.80302	0	39.19698	25.88908	13.3079	31.70035	3
1755.405	1758.755	1397.755	74.86016	23.65785	74.81296	75.03717	65.76926	0	34.23074	11.08857	23.14217	30.74449	3
1755.41	1758.76	1397.76	75.11977	25.17563	75.34397	75.48557	63.05973	0	36.94027	17.33416	19.60612	31.15334	3
1755.415	1758.765	1397.765	75.35577	32.13791	75.34397	76.6656	62.98677	0	37.01323	21.18823	15.82501	30.87901	3
1755.42	1758.77	1397.77	75.26137	31.20497	75.68618	72.47651	59.91567	0.211144	39.87319	18.75183	21.12135	31.9447	3
1755.425	1758.775	1397.775	75.74518	29.28338	76.28799	72.54731	59.02107	0.475819	40.50311	13.79475	26.70836	31.94786	3
1755.43	1758.78	1397.78	75.00176	32.83414	75.43837	74.44715	59.66879	0.265917	40.06529	23.34714	16.71815	31.44417	3
1755.435	1758.785	1397.785	75.70978	41.92689	75.37937	73.65654	62.76135	0	37.23865	11.87144	25.36721	31.37237	3
1755.44	1758.79	1397.79	75.14337	30.60621	75.02537	75.21417	64.37592	0	35.62408	5.965755	29.65833	30.88191	3
1755.445	1758.795	1397.795	75.47377	27.6542	75.62718	75.14337	62.68294	0	37.31706	11.31632	26.00074	31.33487	3
1755.45	1758.8	1397.8	76.06379	25.09208	75.83958	73.71554	65.68662	0	34.31338	5.607597	28.70578	31.26705	3
1755.455	1758.805	1397.805	77.19661	28.08586	76.7482	75.76878	65.65751	0	34.34249	23.90079	10.4417	31.07525	3
1755.46	1758.81	1397.81	76.9252	33.82279	75.96938	73.82174	68.4513	0	31.5487	15.51518	16.03352	30.78364	3
1755.465	1758.815	1397.815	78.75424	33.90633	78.31763	74.89556	62.72448	0	37.27552	17.06608	20.20943	32.0065	3
1755.47	1758.82	1397.82	79.33245	28.16941	78.84864	78.32943	63.94667	0	36.05333	10.21134	25.84199	31.39162	3
1755.475	1758.825	1397.825	80.45348	28.86564	79.96967	78.58904	62.74684	0	37.25316	9.463265	27.78989	31.83823	3
1755.48	1758.83	1397.83	80.61868	32.90376	80.44168	79.81626	59.23988	0.635751	40.12437	18.16519	21.95918	31.58468	3
1755.485	1758.835	1397.835	80.37088	31.16319	79.93427	79.83986	61.90102	0	38.09898	16.25183	21.84715	31.72621	3
1755.49	1758.84	1397.84	79.33245	59.87566	78.55364	78.32943	58.56006	0.63252	40.80742	27.94436	12.86306	30.81116	3
1755.495	1758.845	1397.845	79.81626	41.82942	78.41203	77.99903	67.32909	0	32.67091	8.345003	24.3259	30.33968	3
1755.5	1758.85	1397.85	83.28553	31.19104	82.15271	81.01989	64.60846	0	35.39154	22.08878	13.30276	31.18302	3
1755.505	1758.855	1397.855	85.96419	18.72855	85.56298	85.45678	59.49	0.898178	39.61182	13.52283	26.08899	32.04168	3
1755.51	1758.86	1397.86	85.82259	16.06896	85.62198	85.62198	58.70921	1.32737	39.96342	25.9423	14.02111	31.89471	3
1755.515	1758.865	1397.865	84.35936	19.50833	84.20595	84.06435	58.85725	1.123811	40.01894	20.03281	19.98613	31.83173	3
1755.52	1758.87	1397.87	81.4093	19.39693	81.00809	80.64228	63.51875	0	36.48125	25.6378	10.84345	31.83361	3
1755.525	1758.875	1397.875	82.19991	29.22768	81.8223	81.31489	60.22944	0.361909	39.40865	15.83426	23.57438	31.90149	3
1755.53	1758.88	1397.88	83.01413	24.20091	83.06133	83.41534	57.40457	1.515669	41.07976	23.52834	17.55142	31.33152	3
1755.535	1758.885	1397.885	83.15573	41.06356	83.53334	83.62774	50.63288	3.689805	45.67731	15.47673	30.20058	30.04158	3
1755.54	1758.89	1397.89	85.35058	56.00463	85.44498	85.25618	47.19273	4.794289	48.01298	16.5366	31.47638	29.51588	10
1755.545	1758.895	1397.895	87.99383	103.1672	87.42742	87.58082	38.46891	6.81049	54.7206	32.34952	22.37107	28.13926	10
1755.55	1758.9	1397.9	90.41288	100.981	89.94087	89.77567	36.04082	8.059766	55.89941	29.99555	25.90386	28.18644	10
1755.555	1758.905	1397.905	90.97929	115.5043	91.05009	91.5339	27.79829	11.63751	60.5642	29.86383	30.70037	27.66441	10
1755.56	1758.91	1397.91	90.81409	121.7843	91.2389	92.01771	23.68697	13.50647	62.80657	37.00808	25.79849	27.57009	10
1755.565	1758.915	1397.915	91.62831	132.5062	91.95871	92.92633	21.0748	14.35104	64.57416	41.35042	23.22374	27.53057	10
1755.57	1758.92	1397.92	89.95267	87.2096	90.68429	90.68429	30.4688	11.91435	57.61685	37.8418	19.77504	28.02666	10
1755.575	1758.925	1397.925	95.01498	122.6198	95.84099	95.66399	16.5106	18.86607	64.62333	45.90247	18.72086	27.96906	10
1755.58	1758.93	1397.93	99.97108	100.1873	100.6791	100.5021	18.29417	21.74529	59.96054	32.3988	27.56174	27.78121	10
1755.585	1758.935	1397.935	100.7145	94.18581	101.5759	101.5523	17.87371	23.3369	58.78939	28.45858	30.33081	27.68103	10
1755.59	1758.94	1397.94	98.23644	85.52472	99.78227	102.5553	16.94529	24.37517	58.67953	48.34284	10.33669	27.25521	10
1755.595	1758.945	1397.945	97.35142	109.7396	99.02706	101.0567	10.89355	25.69769	63.40876	48.86764	14.54112	27.75422	10
1755.6	1758.95	1397.95	97.67003	111.2295	98.38985	101.0095	17.64747	20.06701	62.28551	40.38023	21.90528	27.37412	10
1755.605	1758.955	1397.955	100.3251	134.0936	100.7145	101.0095	12.23235	22.17704	65.59061	43.72904	21.86157	27.98811	10
1755.61	1758.96	1397.96	101.5523	125.725	101.8827	101.7765	13.58578	22.5068	63.90742	40.87574	23.03168	27.94056	10
1755.615	1758.965	1397.965	100.7971	155.44	101.4933	103.0155	4.254531	26.35728	69.38819	69.38819	0	-9999	10
1755.62	1758.97	1397.97	99.42827	154.2982	100.1481	102.5317	5.607269	24.86336	69.52937	65.78475	3.744627	-9999	10
1755.625	1758.975	1397.975	101.2101	166.4683	102.0951	102.3901	0	29.02112	70.97888	70.97888	0	-9999	10
1755.63	1758.98	1397.98	101.0213	175.3243	101.8709	102.9565	0	29.1116	70.8884	70.8884	0	-9999	10
1755.635	1758.985	1397.985	102.2839	151.5411	102.9919	105.057	3.738724	28.02921	68.23206	68.23206	0	-9999	10
1755.64	1758.99	1397.99	104.113	143.8269	104.9862	105.8476	2.642523	31.41732	65.94016	64.35926	1.580899	-9999	10
1755.645	1758.995	1397.995	108.8803	127.9668	109.8479	110.9571	1.363135	39.39335	59.24351	59.24351	0	-9999	10
1755.65	1759	1398	111.3819	143.5066	112.3495	113.1047	0	45.60616	54.39384	54.39384	0	-9999	10
1755.655	1759.005	1398.005	111.6887	156.1084	112.6091	113.447	0	46.531	53.469	53.469	0	-9999	10
1755.66	1759.01	1398.01	112.8923	168.7937	113.8836	115.5356	0	51.08005	48.91995	48.91995	0	-9999	10
1755.665	1759.015	1398.015	113.506	146.2637	114.686	117.8248	0	53.71278	46.28722	46.28722	0	-9999	10
1755.67	1759.02	1398.02	112.4321	185.531	113.3054	114.568	0	49.55694	50.44306	50.44306	0	-9999	10
1755.675	1759.025	1398.025	111.0043	165.5214	112.2433	113.9426	0	49.65777	50.34223	50.34223	0	-9999	10
1755.68	1759.03	1398.03	108.7033	184.2221	110.3553	114.2848	0	50.54141	49.45859	49.45859	0	-9999	10
1755.685	1759.035	1398.035	108.8331	268.7442	110.3317	108.3493	0	54.78839	45.21161	45.21161	0	-9999	10

1755.69	1759.04	1398.04	106.7444	284.5904	107.5822	104.5732	0	44.74392	55.25608	55.25608	0	-9999	10
1755.695	1759.045	1398.045	105.6706	434.5163	105.529	106.6264	0	44.09538	55.90462	55.90462	0	-9999	10
1755.7	1759.05	1398.05	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1756.03	1759.38	1398.38	155.7036	263.8985	157.2023	158.7953	0	100	0	0	0	-9999	10
1756.035	1759.385	1398.385	158.5947	249.6676	158.4885	164.6246	0	100	0	0	0	-9999	10
1756.04	1759.39	1398.39	163.8458	403.367	164.955	172.0824	0	100	0	0	0	-9999	10
1756.045	1759.395	1398.395	164.4594	397.5048	164.3768	171.2445	0	100	0	0	0	-9999	10
1756.05	1759.4	1398.4	158.5121	584.094	161.8397	171.693	0	100	0	0	0	-9999	10
1756.055	1759.405	1398.405	161.3205	479.8686	163.3502	164.011	0	100	0	0	0	-9999	10
1756.06	1759.41	1398.41	160.3647	503.7353	162.8782	167.3741	0	100	0	0	0	-9999	10
1756.065	1759.415	1398.415	154.7006	508.8456	156.4234	155.8216	0	100	0	0	0	-9999	10
1756.07	1759.42	1398.42	150.8065	520.0549	152.9188	158.1935	0	100	0	0	0	-9999	10
1756.075	1759.425	1398.425	152.14	498.0263	153.025	152.4232	0	100	0	0	0	-9999	10
1756.08	1759.43	1398.43	152.5176	457.3944	154.087	159.1257	0	100	0	0	0	-9999	10
1756.085	1759.435	1398.435	149.4849	379.1522	150.3581	152.3642	0	100	0	0	0	-9999	10
1756.09	1759.44	1398.44	150.3345	316.4498	151.5735	153.7094	0	100	0	0	0	-9999	10
1756.095	1759.445	1398.445	145.7442	390.6957	147.6205	150.0041	0	100	0	0	0	-9999	10
1756.1	1759.45	1398.45	145.3784	231.2732	146.3578	145.8386	0	100	0	0	0	-9999	10
1756.105	1759.455	1398.455	144.7176	266.3353	145.5908	146.3578	0	100	0	0	0	-9999	10
1756.11	1759.46	1398.46	145.815	282.3207	147.3019	149.7327	0	100	0	0	0	-9999	10
1756.115	1759.465	1398.465	149.6973	206.585	150.7947	150.8419	0	100	0	0	0	-9999	10
1756.12	1759.47	1398.47	149.9923	185.6702	150.9009	152.4468	0	100	0	0	0	-9999	10
1756.125	1759.475	1398.475	147.054	186.3943	148.2695	153.202	0	100	0	0	0	-9999	10
1756.13	1759.48	1398.48	145.2604	216.917	147.113	148.3403	0	100	0	0	0	-9999	10
1756.135	1759.485	1398.485	143.4432	162.5833	144.7648	144.9772	0	100	0	0	0	-9999	10
1756.14	1759.49	1398.49	141.8147	157.473	143.1836	146.3814	0	100	0	0	0	-9999	10
1756.145	1759.495	1398.495	136.1978	183.0942	137.9089	139.5727	0	100	0	0	0	-9999	10
1756.15	1759.5	1398.5	133.1416	116.5208	133.9204	135.0768	0	100	0	0	0	-9999	10
1756.155	1759.505	1398.505	131.5839	138.7584	132.6105	133.6608	0	100	0	0	0	-9999	10
1756.16	1759.51	1398.51	132.5043	130.5846	133.7198	135.7376	0	100	0	0	0	-9999	10
1756.165	1759.515	1398.515	134.1092	117.2171	135.3246	137.6375	0	100	0	0	0	-9999	10
1756.17	1759.52	1398.52	134.18	121.8818	135.478	137.8853	0	100	0	0	0	-9999	10
1756.175	1759.525	1398.525	132.1149	119.9602	133.2596	134.2744	0	100	0	0	0	-9999	10
1756.18	1759.53	1398.53	130.0853	127.4516	131.0765	132.1267	0	100	0	0	0	-9999	10
1756.185	1759.535	1398.535	128.6103	136.7672	129.6723	130.5337	0	100	0	0	0	-9999	10
1756.19	1759.54	1398.54	127.3122	116.9107	127.7724	129.3537	0	83.26035	16.73965	16.73965	0	-9999	10
1756.195	1759.545	1398.545	125.8372	103.8634	126.4744	127.3476	0	80.96291	19.03709	19.03709	0	-9999	10
1756.2	1759.55	1398.55	127.088	107.3167	126.9936	126.439	0	66.91039	33.08961	33.08961	0	-9999	10
1756.205	1759.555	1398.555	124.138	78.35357	124.4684	125.672	4.270847	65.4075	30.32165	30.32165	0	-9999	10
1756.21	1759.56	1398.56	121.5655	98.71129	122.0257	122.2971	0.704964	61.21132	38.08372	38.08372	0	-9999	10
1756.215	1759.565	1398.565	120.0787	97.08212	120.6097	122.3443	1.918397	57.9693	40.1123	40.1123	0	-9999	10
1756.22	1759.57	1398.57	118.2261	90.77429	118.8751	117.9664	4.2348	54.34641	41.41879	35.02772	6.391069	-9999	10
1756.225	1759.575	1398.575	116.1728	75.22054	116.692	117.518	10.89376	45.76752	43.33872	31.74215	11.59657	25.13198	10
1756.23	1759.58	1398.58	117.7776	100.1177	118.6391	120.3973	0.740103	57.38565	41.87425	41.87425	0	-9999	10
1756.235	1759.585	1398.585	121.7779	205.0393	122.5449	123.1704	0	75.45922	24.54078	24.54078	0	-9999	10
1756.24	1759.59	1398.59	122.0375	206.8774	122.6983	124.197	0	74.23623	25.76377	25.76377	0	-9999	10
1756.245	1759.595	1398.595	123.4064	209.0914	124.8578	126.203	0	97.52293	2.477071	2.477071	0	-9999	10
1756.25	1759.6	1398.6	122.5331	221.0387	124.256	127.1942	0	100	0	0	0	-9999	10
1756.255	1759.605	1398.605	121.2115	246.7156	123.0996	129.1767	0	99.89979	0.100215	0.100215	0	-9999	10
1756.26	1759.61	1398.61	116.81	235.5202	118.1081	120.9283	0	71.03178	28.96822	28.96822	0	-9999	10
1756.265	1759.615	1398.615	118.7217	283.2119	120.8575	125.318	0	96.44258	3.557415	3.557415	0	-9999	10
1756.27	1759.62	1398.62	112.9985	187.1184	114.7568	115.1698	0	63.29167	36.70833	36.70833	0	-9999	10
1756.275	1759.625	1398.625	105.0688	353.7677	106.827	109.1989	0	55.33942	44.66058	44.66058	0	-9999	10
1756.28	1759.63	1398.63	110.3907	324.0944	111.6179	116.1374	0	58.81317	41.18683	41.18683	0	-9999	10
1756.285	1759.635	1398.635	105.6942	414.7155	106.6854	107.476	0	53.2661	46.7339	46.7339	0	-9999	10
1756.29	1759.64	1398.64	98.76745	443.1217	101.3753	107.5232	0	56.77623	43.22377	43.22377	0	-9999	10
1756.295	1759.645	1398.645	92.56053	520.1106	92.85553	94.47216	0	40.98517	59.01483	59.01483	0	-9999	10
1756.3	1759.65	1398.65	95.38078	460.3185	95.52239	97.46943	0	38.21224	61.78776	61.78776	0	-9999	10
1756.305	1759.655	1398.655	101.1393	442.8293	101.1275	98.41345	0	40.97368	59.02632	59.02632	0	-9999	10
1756.31	1759.66	1398.66	104.8092	501.7023	105.2458	107.83	0	52.71757	47.28243	47.28243	0	-9999	10
1756.315	1759.665	1398.665	106.0364	412.5015	106.9568	107.5468	0	53.0067	46.9933	46.9933	0	-9999	10
1756.32	1759.67	1398.67	99.97108	357.0678	100.9623	103.641	0	41.0948	58.9052	58.9052	0	-9999	10
1756.325	1759.675	1398.675	102.9683	565.1984	101.6467	97.11542	0	41.04823	58.95177	58.95177	0	-9999	10
1756.33	1759.68	1398.68	97.63463	511.2824	98.36624	96.85581	0	47.10829	52.89171	52.89171	0	-9999	10
1756.335	1759.685	1398.685	92.77293	405.2468	93.96475	96.4192	0	37.79813	62.20187	62.20187	0	-9999	10
1756.34	1759.69	1398.69	89.52786	346.0395	90.03527	91.76991	0	28.15734	71.84266	71.84266	0	-9999	10
1756.345	1759.695	1398.695	87.36842	337.8101	89.16206	92.79653	0	31.22777	68.77223	68.77223	0	-9999	10
1756.35	1759.7	1398.7	86.73121	351.0524	87.08521	89.89367	0	26.27542	73.72458	73.72458	0	-9999	10
1756.355	1759.705	1398.705	87.71063	227.5136	87.51002	87.33302	5.802618	16.41592	77.78146	61.87239	15.90907	-9999	10
1756.36	1759.71	1398.71	84.51276	206.585	85.25618	85.10277	6.493233	16.67005	76.83672	63.01587	13.82085	-9999	10
1756.365	1759.715	1398.715	86.3536	229.101	86.20019	85.72819	6.301125	16.0899	77.60897	61.48054	16.12844	-9999	10
1756.37	1759.72	1398.72	87.71063	303.4443	88.48944	88.92605	0	25.20322	74.79678	74.79678	0	-9999	10
1756.375	1759.725	1398.725	91.61651	246.451	92.87913	101.3871	0	26.38044	73.61956	73.61956	0	-9999	10

1756.38	1759.73	1398.73	87.52182	248.665	88.52484	92.39532	0	22.24179	77.75821	77.75821	0	-9999	10
1756.385	1759.735	1398.735	82.86073	262.1022	82.80173	85.31518	0.796653	17.2068	81.99655	81.99655	0	-9999	10
1756.39	1759.74	1398.74	78.17603	255.3627	78.90764	81.5627	0.610254	17.02201	82.36774	82.36774	0	-9999	10
1756.395	1759.745	1398.745	70.61207	143.6459	70.43507	70.43507	41.64636	5.585553	52.76808	28.787	23.98108	26.56991	10
1756.4	1759.75	1398.75	74.96636	202.5608	73.96334	79.93427	29.78465	8.945579	61.26977	36.20416	25.06561	24.36161	10
1756.405	1759.755	1398.755	84.39476	397.6997	82.87253	79.99327	0	22.56671	77.43329	77.43329	0	-9999	10
1756.41	1759.76	1398.76	83.08493	529.9414	80.27647	73.03112	0	27.88147	72.11853	72.11853	0	-9999	10
1756.415	1759.765	1398.765	85.06737	648.6205	79.67466	68.71224	0	29.10206	70.89794	70.89794	0	-9999	10
1756.42	1759.77	1398.77	84.91397	838.8023	80.54788	75.01356	0	44.56787	55.43213	55.43213	0	-9999	10
1756.425	1759.775	1398.775	91.74631	1007.401	95.72299	103.1099	0	91.82044	8.179564	8.179564	0	-9999	10
1756.43	1759.78	1398.78	102.2367	774.7354	108.4437	114.1904	0	100	0	0	0	-9999	10
1756.435	1759.785	1398.785	104.6558	657.7411	109.4939	116.0666	0	100	0	0	0	-9999	10
1756.44	1759.79	1398.79	107.299	500.4491	110.2137	116.869	0	82.65083	17.34917	17.34917	0	-9999	10
1756.445	1759.795	1398.795	108.6797	523.4525	112.3849	113.7774	0	98.07722	1.92278	1.92278	0	-9999	10
1756.45	1759.8	1398.8	110.7801	450.1954	114.1668	117.4708	0	96.5237	3.476305	3.476305	0	-9999	10
1756.455	1759.805	1398.805	113.3054	404.2164	116.338	121.5065	0	97.89019	2.109809	2.109809	0	-9999	10
1756.46	1759.81	1398.81	112.8451	352.8626	115.1462	117.6596	0	81.81064	18.18936	18.18936	0	-9999	10
1756.465	1759.815	1398.815	108.4909	337.5316	110.9453	114.9692	0	69.66412	30.33588	30.33588	0	-9999	10
1756.47	1759.82	1398.82	103.4049	334.7328	105.057	107.0394	0	49.97057	50.02943	50.02943	0	-9999	10
1756.475	1759.825	1398.825	99.41647	364.7402	100.5375	101.4933	0	41.83453	58.16547	58.16547	0	-9999	10
1756.48	1759.83	1398.83	97.72903	308.4432	99.02706	102.2957	0	37.13781	62.86219	62.86219	0	-9999	10
1756.485	1759.835	1398.835	95.10938	343.9926	95.35718	93.30394	0	30.72823	69.27177	69.27177	0	-9999	10
1756.49	1759.84	1398.84	94.30696	301.3695	94.92057	97.18622	0	29.15673	70.84327	70.84327	0	-9999	10
1756.495	1759.845	1398.845	92.01771	275.5673	92.91453	95.54599	0	26.94072	73.05928	73.05928	0	-9999	10
1756.5	1759.85	1398.85	90.53088	267.505	91.0973	92.67853	0	23.77169	76.22831	76.22831	0	-9999	10
1756.505	1759.855	1398.855	88.57204	224.5477	89.12666	87.94663	0	19.54578	80.45422	80.45422	0	-9999	10
1756.51	1759.86	1398.86	85.51578	222.8489	85.94059	88.02923	4.103791	17.23628	78.65993	76.73421	1.925723	-9999	10
1756.515	1759.865	1398.865	83.16753	196.4618	83.62774	84.97297	12.37549	14.43211	73.1924	46.07022	27.12218	27.16799	10
1756.52	1759.87	1398.87	82.87253	232.5264	83.59234	85.38598	1.907314	17.50575	80.58693	80.58693	0	-9999	10
1756.525	1759.875	1398.875	80.60688	216.4993	80.67768	81.7161	12.90014	13.66312	73.43674	49.87782	23.55893	26.715	10
1756.53	1759.88	1398.88	82.41232	211.013	82.45952	82.40052	12.74972	13.89184	73.35844	59.01046	14.34798	27.11587	10
1756.535	1759.885	1398.885	78.41203	220.1893	78.90764	75.39117	10.73415	14.17689	75.08896	65.73768	9.351281	27.69267	10
1756.54	1759.89	1398.89	75.56818	222.7653	76.5476	76.25259	8.977567	14.3893	76.63313	61.39012	15.24302	27.20781	10
1756.545	1759.895	1398.895	74.50615	266.3492	76.32339	80.99629	0	18.66192	81.33808	81.33808	0	-9999	10
1756.55	1759.9	1398.9	66.45839	277.3496	67.74462	68.03962	1.771416	15.79712	82.43146	82.43146	0	-9999	10
1756.555	1759.905	1398.905	64.48775	191.9363	64.68835	66.74159	32.668	8.255188	59.07681	36.63123	22.44558	24.55486	10
1756.56	1759.91	1398.91	61.24268	261.3503	61.70289	67.68561	16.84334	12.70538	70.45129	44.49936	25.95192	23.14517	10
1756.565	1759.915	1398.915	65.17216	150.0651	65.64417	66.00998	40.06778	5.873306	54.05892	38.18142	15.8775	25.9575	10
1756.57	1759.92	1398.92	63.93314	156.1223	63.85054	64.67655	44.04008	5.428724	50.5312	19.23302	31.29818	25.79095	10
1756.575	1759.925	1398.925	59.88565	184.793	60.03906	57.62001	38.99642	7.051154	53.95243	29.84917	24.10326	25.21741	10
1756.58	1759.93	1398.93	57.56101	277.1547	56.31018	54.68175	29.66634	11.88754	58.44612	34.66546	23.78066	22.61699	10
1756.585	1759.935	1398.935	61.13648	174.8648	62.56431	63.13072	30.37148	7.841344	61.78717	35.94647	25.8407	25.14885	10
1756.59	1759.94	1398.94	47.18859	151.9171	45.20615	42.5511	75.18648	2.628795	22.18473	20.73447	1.450259	29.93148	10
1756.595	1759.945	1398.945	48.09721	205.7773	45.25335	41.37107	67.99235	5.893544	26.1141	13.06016	13.05394	27.04621	10
1756.6	1759.95	1398.95	51.50748	309.6546	48.42762	47.6724	41.54563	12.78321	45.67115	24.88231	20.78884	20.83764	10
1756.605	1759.955	1398.955	53.10051	289.3108	52.09749	49.05303	28.90771	12.62521	58.46708	24.41051	34.05657	22.24747	10
1756.61	1759.96	1398.96	62.0097	207.6432	62.43451	65.08956	29.40915	9.163054	61.4278	37.56552	23.86227	24.01111	10
1756.615	1759.965	1398.965	66.25778	371.7025	66.954	67.52041	0	21.33369	78.66631	78.66631	0	-9999	10
1756.62	1759.97	1398.97	63.75613	398.3681	64.21634	63.47293	0	22.36441	77.63559	77.63559	0	-9999	10
1756.625	1759.975	1398.975	62.0215	323.8438	62.70591	65.72677	0	17.28069	82.71931	82.71931	0	-9999	10
1756.63	1759.98	1398.98	58.31622	335.624	58.67023	60.07446	2.384519	17.20989	80.40559	80.40559	0	-9999	10
1756.635	1759.985	1398.985	59.47265	285.7879	60.26326	59.31924	9.997213	14.40149	75.60129	58.42349	17.17781	24.78368	10
1756.64	1759.99	1398.99	58.36342	318.2461	58.31622	58.44602	9.655902	15.69947	74.64463	65.99763	8.647001	23.70813	10
1756.645	1759.995	1398.995	55.14196	328.9262	54.48114	54.10354	14.79055	15.65448	69.55496	47.51247	22.0425	22.37827	10
1756.65	1760	1399	54.09173	314.2497	53.39552	53.57252	19.58283	14.56606	65.85111	52.39789	13.45322	21.92013	10
1756.655	1760.005	1399.005	51.30688	307.9141	51.24788	49.98525	18.73973	14.33566	66.92462	34.55033	32.37429	22.27255	10
1756.66	1760.01	1399.01	48.51022	321.212	49.27724	48.25061	11.69291	15.46723	72.83986	56.08454	16.75532	22.77754	10
1756.665	1760.015	1399.015	50.37466	280.232	49.72565	44.85215	30.86902	12.06619	57.06479	28.82232	28.24247	22.52376	10
1756.67	1760.02	1399.02	55.37796	342.9344	54.96495	55.99157	9.262974	16.79378	73.94324	55.74059	18.20265	22.73288	10
1756.675	1760.025	1399.025	54.22154	339.3697	54.03273	56.14498	9.451953	16.61323	73.93482	63.69056	10.24426	22.5114	10
1756.68	1760.03	1399.03	48.75803	347.056	49.04123	47.4246	8.960209	16.97295	74.06685	51.98914	22.0777	22.69267	10
1756.685	1760.035	1399.035	48.80523	307.19	48.10901	43.71932	26.15487	13.77498	60.07015	28.42844	31.6417	21.86982	10
1756.69	1760.04	1399.04	48.19161	267.4493	47.342	44.46274	37.52553	10.98567	51.4888	18.35078	33.13801	22.15754	10
1756.695	1760.045	1399.045	46.55138	227.2629	46.75198	45.81976	40.62042	8.685995	50.69359	20.73361	29.95998	22.84705	10
1756.7	1760.05	1399.05	47.5662	166.8164	47.01159	48.34502	60.16777	4.305258	35.52697	12.87447	22.6525	25.81519	10
1756.705	1760.055	1399.055	49.86725	219.7715	48.38042	44.29753	52.46036	7.515062	40.02458	31.13317	8.891412	24.53014	10
1756.71	1760.06	1399.06	49.24184	244.3902	47.18859	43.43612	51.46772	8.876747	39.65554	29.06732	10.58821	23.61949	10
1756.715	1760.065	1399.065	48.35682	183.5398	46.88179	47.23579	62.52658	5.025565	32.44785	21.51881	10.92905	25.93782	10
1756.72	1760.07	1399.07	48.94683	129.2897	48.92323	49.14743	63.86372	2.124564	34.01171	15.70013	18.31158	27.79433	10
1756.725	1760.075	1399.075	44.72234	133.9962	44.06153	44.34473	71.54968	1.907115	26.54321	10.64281	15.90039	28.8612	10
1756.73	1760.08	1399.08	44.42734	132.3809	45.07635	44.20313	62.06082	2.339706	35.59948	20.8774	14.72207	27.28442	10
1756.735	1760.085	1399.085	47.3892	155.0223	47.86121	46.61038	55.22848	4.002771	40.76875	23.91357	16.85518	25.97606	10
1756.74	1760.09	1399.09	47.86121	172.3166	47.6016	44.32113	56.27902	4.837297	38.88369	15.45136	23.43232	26.009	10

1756.745	1760.095	1399.095	47.95561	227.8756	49.51324	53.85573	28.66329	9.541241	61.79547	36.78706	25.00841	22.28061	10
1756.75	1760.1	1399.1	47.3302	183.0524	48.20341	51.88509	45.39009	6.093304	48.5166	30.87276	17.64384	23.46714	10
1756.755	1760.105	1399.105	49.12383	218.3651	50.22126	53.06511	33.45668	8.76597	57.77735	28.545	29.23234	22.66206	10
1756.76	1760.11	1399.11	52.10929	227.8199	52.4869	49.46604	34.00057	9.266286	56.73315	24.9547	31.77845	23.6637	10
1756.765	1760.115	1399.115	50.81127	232.8328	50.65786	52.97071	38.09698	9.175015	52.72801	33.83345	18.89456	22.38093	10
1756.77	1760.12	1399.12	50.83487	173.6394	51.44848	50.72867	46.45568	5.633568	47.91075	18.79081	29.11994	24.84421	10
1756.775	1760.125	1399.125	50.62246	133.0632	50.51626	52.4987	62.0491	2.453915	35.49698	26.26536	9.23162	27.17779	10
1756.78	1760.13	1399.13	45.80796	180.9498	46.71658	49.25364	47.02502	5.840841	47.13414	25.18494	21.9492	23.71742	10
1756.785	1760.135	1399.135	47.578	213.0181	48.53382	52.2745	37.27025	8.180481	54.54926	36.3345	18.21476	22.46077	10
1756.79	1760.14	1399.14	49.38344	303.7645	48.38042	47.4128	28.82963	13.41482	57.75555	36.9573	20.79825	21.17464	10
1756.795	1760.145	1399.145	53.77313	505.3227	52.72291	49.98525	0	27.21324	72.78676	72.78676	0	-9999	10
1756.8	1760.15	1399.15	46.88179	651.3219	48.35682	43.11751	0	37.96833	62.03167	62.03167	0	-9999	10
1756.805	1760.155	1399.155	42.91691	710.8494	44.27393	39.90784	0	41.57634	58.42366	58.42366	0	-9999	10
1756.81	1760.16	1399.16	44.88755	720.4156	45.20615	43.41252	0	41.91814	58.08186	58.08186	0	-9999	10
1756.815	1760.165	1399.165	45.76076	365.5757	46.58678	50.26846	3.029141	18.26023	78.71063	75.744	2.966631	-9999	10
1756.82	1760.17	1399.17	45.09995	280.5941	46.95259	48.87603	16.24634	12.95299	70.80068	58.63259	12.16808	22.39863	10
1756.825	1760.175	1399.175	43.64852	191.3932	44.78134	47.83761	44.74681	6.475319	48.77787	34.88903	13.88883	23.05644	10
1756.83	1760.18	1399.18	40.33265	211.4586	41.09967	40.54506	45.77662	7.459676	46.76371	16.17808	30.58563	22.94195	10
1756.835	1760.185	1399.185	38.40921	231.0504	39.42403	40.74566	40.88446	8.754516	50.36103	20.61069	29.75034	21.73638	10
1756.84	1760.19	1399.19	42.26789	245.3927	42.24429	39.64824	41.9114	9.564757	48.52384	34.71315	13.81069	22.33166	7
1756.845	1760.195	1399.195	40.80466	260.7515	41.18227	40.93446	36.43138	10.67379	52.89483	36.8597	16.03512	21.33429	7
1756.85	1760.2	1399.2	29.15782	268.7582	30.62105	34.00772	36.79529	10.9648	52.2399	22.7679	29.472	19.56469	7
1756.855	1760.205	1399.205	29.06342	238.7507	29.55903	31.63587	51.643	8.735928	39.62107	26.48542	13.13565	21.18074	7
1756.86	1760.21	1399.21	32.04888	226.9566	31.61227	33.1463	58.97525	7.826894	33.19786	13.50458	19.69327	22.65477	7
1756.865	1760.215	1399.215	29.96024	289.8539	30.20804	33.94872	40.37145	12.16201	47.46654	18.65723	28.80931	18.8931	7
1756.87	1760.22	1399.22	33.0637	215.4271	32.60349	32.8631	61.01467	7.069523	31.91581	11.9164	19.9994	23.60235	7
1756.875	1760.225	1399.225	31.83648	236.5089	32.45009	30.37325	48.7198	8.704207	42.57599	29.55309	13.02291	22.00979	7
1756.88	1760.23	1399.23	29.68883	237.0519	28.75661	27.74179	62.54441	8.354857	29.10074	20.47757	8.623164	23.15576	7
1756.885	1760.235	1399.235	30.52665	287.807	32.17868	31.91908	29.46293	12.35205	58.18502	35.44765	22.73737	20.08403	7
1756.89	1760.24	1399.24	30.51485	213.4358	31.67127	31.19926	51.31258	7.219229	41.46819	22.4763	18.9919	22.5005	7
1756.895	1760.245	1399.245	28.35541	270.638	29.42923	32.61529	40.09651	10.98069	48.9228	27.15663	21.76617	19.45852	7
1756.9	1760.25	1399.25	33.80712	147.1967	35.12875	35.36475	63.03325	2.937173	34.02958	19.98889	14.04069	26.03197	7
1756.905	1760.255	1399.255	33.21711	152.669	34.78654	36.89878	60.33126	3.341807	36.32693	15.25387	21.07306	25.06566	7
1756.91	1760.26	1399.26	31.36447	199.3303	32.7215	34.07852	52.3898	6.349398	41.2608	12.23042	29.03038	22.74291	7
1756.915	1760.265	1399.265	30.13724	209.9269	31.86008	34.81014	48.11946	7.093258	44.78728	28.46405	16.32323	21.72452	7
1756.92	1760.27	1399.27	33.26431	239.0014	35.10514	37.48879	37.29202	9.243269	53.46472	37.42527	16.03945	20.93831	7
1756.925	1760.275	1399.275	31.49427	153.3095	32.24949	32.22589	68.07144	3.108183	28.82037	20.99486	7.825514	26.62672	7
1756.93	1760.28	1399.28	32.23769	192.3401	33.79532	35.02254	51.72337	5.967128	42.3095	23.44381	18.86569	22.98397	7
1756.935	1760.285	1399.285	33.1463	192.2148	34.40893	35.60075	53.20407	5.928199	40.86773	27.09932	13.76842	23.1923	7
1756.94	1760.29	1399.29	31.74208	161.6504	32.43829	32.37929	66.28224	3.66693	30.05083	28.6524	1.39843	26.05978	7
1756.945	1760.295	1399.295	34.30273	133.7873	34.75114	34.53873	72.58979	1.824324	25.58588	8.925146	16.66074	28.41493	7
1756.95	1760.3	1399.3	34.31453	156.735	34.36173	34.62133	70.13496	3.27008	26.59496	16.10993	10.48503	27.1	7
1756.955	1760.305	1399.305	32.9575	173.8483	34.06672	35.25855	59.01134	4.640678	36.34798	12.33924	24.00875	24.39515	7
1756.96	1760.31	1399.31	31.50607	158.6287	32.23769	33.77172	66.95625	3.462244	29.58151	16.15573	13.42578	25.96466	7
1756.965	1760.315	1399.315	27.31698	185.7538	28.1666	27.9424	63.33142	5.172631	31.49595	14.11987	17.37607	24.51832	7
1756.97	1760.32	1399.32	28.81562	224.3388	30.32605	31.43527	47.49381	7.962381	44.54381	25.80313	18.74068	21.49481	7
1756.975	1760.325	1399.325	27.23438	200.9037	27.8598	28.69761	61.47872	6.150964	32.37032	16.06775	16.30258	23.56502	7
1756.98	1760.33	1399.33	26.12516	262.8959	26.11336	28.084	52.43549	10.19394	37.37057	12.63959	24.73098	20.3081	7
1756.985	1760.335	1399.335	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1757.03	1760.38	1399.38	102.4727	13.68785	101.9063	104.2664	46.80232	9.108184	44.0895	30.42238	13.66711	29.70605	7
1757.035	1760.385	1399.385	103.7472	18.21334	104.0422	103.3813	37.85869	17.50848	44.63283	16.71271	27.92012	28.63453	7
1757.04	1760.39	1399.39	104.1838	58.58068	103.9596	103.641	31.712	16.40137	51.88663	30.44487	21.44176	28.18466	7
1757.045	1760.395	1399.395	104.29	49.07019	104.231	105.057	32.6355	17.25307	50.11142	16.77182	33.3396	27.96871	7
1757.05	1760.4	1399.4	103.7118	57.53633	104.172	105.5172	27.09477	21.50057	51.40466	30.69432	20.71034	27.37434	7
1757.055	1760.405	1399.405	102.0243	55.61474	102.3547	102.0243	30.11821	18.30023	51.58156	24.1852	27.39636	28.00494	7
1757.06	1760.41	1399.41	103.3223	123.4135	102.6497	102.0361	20.29013	16.38884	63.32102	37.96552	25.3555	28.05367	7
1757.065	1760.415	1399.415	103.5466	109.8649	103.6174	104.2428	17.60116	21.61224	60.7866	39.05209	21.73451	27.60574	7
1757.07	1760.42	1399.42	104.1838	117.3841	103.759	103.2633	19.03624	18.71319	62.25056	37.16979	25.08077	27.94227	7
1757.075	1760.425	1399.425	104.9272	137.3659	104.6204	102.4963	12.60219	21.78331	65.61449	45.58125	20.03324	28.40473	7
1757.08	1760.43	1399.43	106.3078	152.0424	106.119	104.7974	6.865784	25.32825	67.80596	57.04916	10.7568	-9999	7
1757.085	1760.435	1399.435	105.3166	170.1861	104.3608	103.9478	9.3313	18.81343	71.85528	52.43914	19.41614	28.59356	7
1757.09	1760.44	1399.44	106.3314	128.496	106.0364	105.4228	13.36538	22.78514	63.84948	47.96052	15.88896	27.99176	7
1757.095	1760.445	1399.445	104.9036	146.6257	104.1012	102.9919	14.224	18.1878	67.5882	42.82168	24.76652	28.34259	7
1757.1	1760.45	1399.45	103.9596	117.1196	102.2721	98.80285	29.09189	8.539168	62.36895	45.15767	17.21127	29.10244	7
1757.105	1760.455	1399.455	99.55807	131.6708	98.89726	96.0888	21.66356	14.26724	64.06921	35.71558	28.35363	28.41363	7
1757.11	1760.46	1399.46	97.92964	151.4158	99.18046	102.8503	3.568212	26.47461	69.95718	65.13762	4.81956	-9999	7
1757.115	1760.465	1399.465	99.64067	226.1211	100.9623	99.42827	0	34.18873	65.81127	65.81127	0	-9999	7
1757.12	1760.47	1399.47	102.2603	89.57677	101.3989	98.54325	30.91891	11.88851	57.19258	39.82803	17.36454	28.8272	7
1757.125	1760.475	1399.475	105.5526	155.2868	104.6558	101.3281	12.26254	18.49617	69.24128	59.19336	10.04792	28.89131	7
1757.13	1760.48	1399.48	102.0597	228.3212	99.67607	96.2186	9.324603	10.5142	80.1612	59.10461	21.05658	29.37397	7
1757.135	1760.485	1399.485	101.1157	273.033	97.55203	94.69637	8.518033	6.062752	85.41921	76.41508	9.004134	29.28142	7
1757.14	1760.49	1399.49	109.2343	184.5424	109.0927	109.7771	0	31.66243	68.33757	68.33757	0	-9999	7
1757.145	1760.495	1399.495	110.3671	158.2528	110.6621	117.0696	0	36.48717	63.51283	63.51283	0	-9999	7

1757.15	1760.5	1399.5	108.3256	178.1649	110.0131	110.6267	0	49.66771	50.33229	50.33229	0	-9999	7
1757.155	1760.505	1399.505	111.4291	200.5695	114.7214	115.0282	0	80.77342	19.22658	19.22658	0	-9999	7
1757.16	1760.51	1399.51	116.3262	119.1526	117.9428	119.9253	0	66.94896	33.05104	33.05104	0	-9999	7
1757.165	1760.515	1399.515	117.1286	98.71129	118.3795	121.9667	0	62.00402	37.99598	37.99598	0	-9999	7
1757.17	1760.52	1399.52	117.4826	124.4578	118.2615	123.1468	0	56.76506	43.23494	43.23494	0	-9999	7
1757.175	1760.525	1399.525	114.7686	163.4466	115.099	117.0342	0	45.67215	54.32785	54.32785	0	-9999	7
1757.18	1760.53	1399.53	112.3613	244.0421	113.27	113.8836	0	53.8151	46.1849	46.1849	0	-9999	7
1757.185	1760.535	1399.535	107.0512	311.3952	109.2225	116.1374	0	61.00708	38.99292	38.99292	0	-9999	7
1757.19	1760.54	1399.54	103.1689	303.5835	102.1895	110.5205	0	26.07783	73.92217	73.92217	0	-9999	7
1757.195	1760.545	1399.545	98.89726	252.5082	96.1596	96.2658	9.124377	9.68511	81.19051	60.43863	20.75188	28.35642	7
1757.2	1760.55	1399.55	96.60801	189.7362	93.97655	91.91151	25.59823	5.912607	68.48916	34.10721	34.38194	28.00636	7
1757.205	1760.555	1399.555	96.90301	160.5225	94.82617	92.25372	28.09832	6.833959	65.06772	45.69971	19.36801	28.3072	7
1757.21	1760.56	1399.56	93.88215	112.7333	93.20954	92.07672	31.55971	9.625908	58.81438	31.25472	27.55966	28.18182	7
1757.215	1760.565	1399.565	93.75235	95.67574	92.44252	90.80229	40.74547	5.387001	53.86753	20.44357	33.42396	29.0721	7
1757.22	1760.57	1399.57	95.27458	93.05792	93.92935	91.98231	40.25288	5.580076	54.16704	20.62906	33.53798	29.19883	7
1757.225	1760.575	1399.575	96.0416	87.39062	94.60197	92.53693	41.65033	4.990755	53.35891	21.88064	31.47827	29.46441	7
1757.23	1760.58	1399.58	95.79379	112.8308	94.21256	89.40986	36.81921	5.895832	57.28496	22.21628	35.06868	29.33339	7
1757.235	1760.585	1399.585	97.78803	135.2911	94.90877	90.44828	39.60881	0.987904	59.40329	22.30415	37.09913	29.66968	7
1757.24	1760.59	1399.59	100.1835	173.6812	95.55779	89.31546	41.64948	0	58.35052	24.35282	33.9977	21.6695	7
1757.245	1760.595	1399.595	102.0597	187.564	97.77623	92.10032	33.9116	0	66.0884	35.56324	30.52516	23.89702	7
1757.25	1760.6	1399.6	103.2397	182.1891	99.32206	99.47547	31.2917	0	68.7083	28.60019	40.10812	24.87506	7
1757.255	1760.605	1399.605	103.7472	172.7482	99.91208	95.39258	32.4694	0	67.5306	37.74742	29.78317	25.54279	7
1757.26	1760.61	1399.61	105.5408	197.4365	102.8149	96.98562	16.24822	6.312756	77.43902	48.92056	28.51847	29.8626	7
1757.265	1760.615	1399.615	106.6854	161.3858	104.2192	100.6319	21.9075	6.107103	71.9854	48.96218	23.02322	29.38171	7
1757.27	1760.62	1399.62	107.9716	155.1894	105.47	104.7738	22.49806	5.58501	71.91693	45.21027	26.70665	28.97964	7
1757.275	1760.625	1399.625	108.8685	156.4983	106.414	99.29846	20.99043	6.258568	72.75101	49.64489	23.10611	30.20635	7
1757.28	1760.63	1399.63	109.5529	212.5168	108.2666	102.2367	0	21.85529	78.14471	78.14471	0	-9999	7
1757.285	1760.635	1399.635	110.1429	242.4129	106.8506	106.3904	5.519701	4.091315	90.38898	83.67438	6.714605	-9999	7
1757.29	1760.64	1399.64	110.7093	216.7638	107.4406	109.6827	11.02277	2.47039	86.50684	65.94164	20.5652	29.54157	7
1757.295	1760.645	1399.645	108.9157	265.4023	105.8476	105.706	0	7.931921	92.06808	92.06808	0	-9999	7
1757.3	1760.65	1399.65	107.3108	288.1273	103.4167	101.4697	1.726363	2.803716	95.46992	95.46992	0	-9999	7
1757.305	1760.655	1399.655	108.9747	266.8505	105.3992	102.0715	2.875407	3.438098	93.68649	83.06386	10.62263	-9999	7
1757.31	1760.66	1399.66	111.1341	248.846	106.8388	103.9714	10.82437	0	89.17563	51.56916	37.60648	23.5275	7
1757.315	1760.665	1399.665	108.3847	233.6265	103.7	102.5671	20.05491	0	79.94509	39.49283	40.45226	19.05538	7
1757.32	1760.67	1399.67	107.948	234.6012	103.5938	98.43705	17.66006	0	82.33994	43.96858	38.37136	23.8816	7
1757.325	1760.675	1399.675	106.6618	258.6907	101.3045	100.1717	20.78713	0	79.21287	49.54044	29.67243	16.04986	7
1757.33	1760.68	1399.68	107.2872	205.8609	103.2161	99.10966	23.02832	0	76.97168	44.47599	32.4957	24.41503	7
1757.335	1760.685	1399.685	107.7474	209.6484	103.641	101.0331	21.96271	0	78.03729	38.57358	39.46371	23.86289	7
1757.34	1760.69	1399.69	108.4319	202.143	104.0068	98.27184	25.61854	0	74.38146	27.73915	46.64231	19.85078	7
1757.345	1760.695	1399.695	108.0424	190.1122	104.7502	101.1629	20.10888	0.986873	78.90425	46.37524	32.52901	29.90323	7
1757.35	1760.7	1399.7	108.3374	193.649	106.4612	106.119	8.00733	14.03249	77.96018	74.33236	3.627815	29.19389	7
1757.355	1760.705	1399.705	108.1604	174.1546	106.355	103.2043	12.33911	13.2992	74.36169	58.59831	15.76338	29.33463	7
1757.36	1760.71	1399.71	109.0101	199.01	106.6264	100.3605	10.0236	9.824941	80.15146	63.08612	17.06533	30.45343	7
1757.365	1760.715	1399.715	108.4909	203.4102	105.47	99.33386	14.37484	4.211303	81.41386	55.8313	25.58255	30.46175	7
1757.37	1760.72	1399.72	108.6325	164.8252	105.7886	98.55505	22.21035	3.199435	74.59021	41.53451	33.0557	30.42594	7
1757.375	1760.725	1399.725	107.3462	179.7523	104.3136	98.31904	21.24454	2.599122	76.15633	36.24459	39.91175	30.13412	7
1757.38	1760.73	1399.73	106.6618	184.0411	102.5081	96.2894	29.52425	0	70.47575	30.90289	39.57285	22.42627	7
1757.385	1760.735	1399.735	105.5408	144.5092	101.9771	97.50483	35.54971	0	64.45029	28.28271	36.16758	25.34106	7
1757.39	1760.74	1399.74	105.47	94.38075	103.3341	99.74687	36.68026	4.032039	59.2877	24.85109	34.43661	29.96367	7
1757.395	1760.745	1399.745	104.5968	104.5875	101.6703	100.1481	41.14087	0	58.85913	26.9022	31.95693	28.19947	7
1757.4	1760.75	1399.75	102.4491	137.171	99.38107	95.49879	36.32892	0	63.67108	33.10285	30.56823	29.61856	7
1757.405	1760.755	1399.755	100.6909	189.9312	96.0534	93.38654	37.34162	0	62.65838	20.30101	42.35736	21.6532	7
1757.41	1760.76	1399.76	96.96202	145.9574	94.31876	93.02074	35.95848	2.916749	61.12477	36.45652	24.66825	28.58348	7
1757.415	1760.765	1399.765	100.3369	147.0017	96.1006	94.03556	44.94688	0	55.05312	24.04933	31.00379	21.84712	7
1757.42	1760.77	1399.77	99.42827	118.0247	95.56959	93.38654	49.86879	0	50.13121	14.01076	36.12045	23.21134	7
1757.425	1760.775	1399.775	99.02706	120.3779	95.16838	93.88215	49.66841	0	50.33159	16.08385	34.24773	23.30642	7
1757.43	1760.78	1399.78	98.80285	126.4908	94.96778	93.74055	48.21246	0	51.78754	17.232	34.55554	23.81082	7
1757.435	1760.785	1399.785	99.22766	134.581	95.10938	93.97655	48.05866	0	51.94134	25.68719	26.25415	22.30534	7
1757.44	1760.79	1399.79	98.70845	116.9246	95.10938	94.34236	48.78529	0	51.21471	18.74774	32.46698	24.71584	7
1757.445	1760.795	1399.795	96.56081	138.2571	94.27156	93.74055	35.44751	4.17085	60.38164	34.4222	25.95944	28.38775	7
1757.45	1760.8	1399.8	96.3366	138.0064	93.33934	92.72573	41.20154	0.603422	58.19503	29.56478	28.63025	28.92969	7
1757.455	1760.805	1399.805	97.02102	133.7455	93.90575	93.64615	42.51755	0	57.48245	19.05423	38.42823	28.71645	7
1757.46	1760.81	1399.81	96.3366	120.8931	94.01196	93.36294	40.13021	2.788223	57.08157	22.29419	34.78738	28.90554	7
1757.465	1760.815	1399.815	95.14478	96.7897	92.70213	91.74631	47.97423	0.449474	51.57629	15.26808	36.30821	30.00849	7
1757.47	1760.82	1399.82	93.55175	101.4544	91.3097	91.2153	46.75628	1.498162	51.74556	20.46057	31.28499	29.46463	7
1757.475	1760.825	1399.825	93.97655	84.95382	91.86431	90.51908	49.35263	1.028067	49.6193	23.91937	25.69993	30.25949	7
1757.48	1760.83	1399.83	93.33934	77.50417	91.66371	90.43648	48.35796	2.361144	49.28089	17.75666	31.52423	30.07961	7
1757.485	1760.835	1399.835	91.82891	75.12307	90.54268	89.76387	47.30587	3.464506	49.22962	23.04003	26.18959	29.74583	7
1757.49	1760.84	1399.84	92.54873	73.70276	91.72271	90.12968	43.42074	5.651811	50.92745	26.3301	24.59735	29.44554	7
1757.495	1760.845	1399.845	90.57808	87.73873	89.99987	89.90547	39.91653	6.802613	53.28086	37.0802	16.20066	28.58058	7
1757.5	1760.85	1399.85	91.4513	98.57205	91.69911	93.36294	30.08988	11.57003	58.34009	38.88556	19.45453	27.62094	7
1757.505	1760.855	1399.855	92.82013	80.38656	91.1799	86.566	47.86374	2.579271	49.55698	22.02491	27.53208	30.56429	7
1757.51	1760.86	1399.86	93.29214	162.7365	90.20048	85.40958	38.7494	1.978329	59.27228	22.7408	36.53147	28.87643	7

1757.515	1760.865	1399.865	95.21558	208.0888	92.41892	83.86375	23.71827	6.303532	69.9782	35.05832	34.91988	28.92681	7
1757.52	1760.87	1399.87	93.81135	194.7073	91.2153	82.66012	26.6938	6.259196	67.047	39.90844	27.13856	28.84763	7
1757.525	1760.875	1399.875	93.94115	150.0233	92.15932	85.12637	31.07772	6.922755	61.99952	31.91691	30.08262	29.01139	7
1757.53	1760.88	1399.88	94.99138	179.1396	93.74055	89.06765	18.95004	11.75713	69.29283	45.57298	23.71985	28.47714	7
1757.535	1760.885	1399.885	95.19198	162.4162	94.66097	90.68429	17.23399	14.39346	68.37255	52.54857	15.82398	28.50406	7
1757.54	1760.89	1399.89	96.59621	207.2673	97.11542	97.70543	0	24.28588	75.71412	75.71412	0	-9999	7
1757.545	1760.895	1399.895	101.0449	307.0368	98.02404	85.29158	0	11.67825	88.32175	88.32175	0	-9999	7
1757.55	1760.9	1399.9	105.9656	426.5514	105.8594	88.35964	0	44.219	55.781	55.781	0	-9999	7
1757.555	1760.905	1399.905	104.8328	453.6626	108.1014	90.56628	0	76.47914	23.52086	23.52086	0	-9999	7
1757.56	1760.91	1399.91	102.0007	365.1719	103.4167	84.11155	0	47.70808	52.29192	52.29192	0	-9999	7
1757.565	1760.915	1399.915	99.10966	293.4604	100.6791	91.76991	0	39.76426	60.23574	60.23574	0	-9999	7
1757.57	1760.92	1399.92	94.86157	186.7424	94.94417	85.52758	6.895519	19.04524	74.05924	69.89427	4.164968	-9999	7
1757.575	1760.925	1399.925	90.87309	170.8406	90.47188	93.11514	18.1627	13.28944	68.54786	40.35651	28.19134	26.99754	7
1757.58	1760.93	1399.93	97.59923	101.3013	99.21586	102.1541	13.1649	25.06883	61.76627	37.35921	24.40706	27.41108	7
1757.585	1760.935	1399.935	98.54325	103.7102	99.33386	100.5375	18.11506	20.94266	60.94228	44.46877	16.47351	27.57004	7
1757.59	1760.94	1399.94	98.20104	117.8854	99.22766	99.93568	13.17045	23.06495	63.76459	42.26709	21.49751	27.84468	7
1757.595	1760.945	1399.945	94.89697	111.2016	95.49879	96.98562	21.11994	16.75961	62.12044	35.89794	26.22251	27.54765	7
1757.6	1760.95	1399.95	92.05312	86.33235	92.99713	94.80257	27.10256	14.42259	58.47485	24.2863	34.18855	27.61825	7
1757.605	1760.955	1399.955	92.38352	66.82402	91.91151	92.30092	42.49382	6.711337	50.79484	22.02785	28.76699	29.01326	7
1757.61	1760.96	1399.96	91.74631	55.35018	91.5221	91.5457	43.93624	6.714999	49.34876	28.35079	20.99797	29.31448	7
1757.615	1760.965	1399.965	91.71091	60.30732	92.10032	92.02951	38.01368	9.803477	52.18284	32.01198	20.17086	28.6787	7
1757.62	1760.97	1399.97	94.03556	69.74818	94.10636	93.94115	36.05952	10.504	53.43648	25.25328	28.18321	28.51771	7
1757.625	1760.975	1399.975	95.15658	93.69845	95.08578	95.48699	30.32963	12.15885	57.51151	35.24428	22.26723	27.96822	7
1757.63	1760.98	1399.98	93.53995	81.55622	93.91755	93.43374	31.28018	12.49356	56.22626	31.55025	24.67601	28.20139	7
1757.635	1760.985	1399.985	91.3687	65.61259	91.4041	91.5339	39.78819	8.34558	51.86623	30.12949	21.73674	28.75218	7
1757.64	1760.99	1399.99	87.71063	57.64773	87.76963	87.87583	44.89821	5.903221	49.19856	20.67087	28.5277	29.24452	7
1757.645	1760.995	1399.995	86.11759	55.3641	86.84921	86.2828	41.70369	7.317085	50.97923	34.42045	16.55878	29.03238	7
1757.65	1761	1400	90.30668	55.71221	90.58989	91.0973	41.24065	8.109041	50.6503	34.57021	16.0801	28.87964	7
1757.655	1761.005	1400.005	92.18292	71.09887	93.41014	95.21558	28.47479	14.88029	56.64491	37.56143	19.08348	27.73285	7
1757.66	1761.01	1400.01	93.38654	95.03521	95.86459	99.95928	11.88097	24.33451	63.78452	56.01137	7.77315	27.55935	7
1757.665	1761.015	1400.015	93.94115	96.7897	95.9826	100.1717	14.32986	22.72202	62.94813	44.1044	18.84373	27.34349	7
1757.67	1761.02	1400.02	92.38352	92.52878	93.18594	98.62585	26.39647	14.42875	59.17479	36.71551	22.45928	26.8996	7
1757.675	1761.025	1400.025	92.52512	108.9041	92.80833	95.16838	26.32725	13.14807	60.52468	43.61677	16.90791	27.3693	7
1757.68	1761.03	1400.03	92.82013	110.0459	94.01196	96.97382	18.73773	17.91565	63.34662	45.03007	18.31654	27.36131	7
1757.685	1761.035	1400.035	95.21558	130.2644	97.85883	101.5051	0.392466	30.20162	69.40592	69.40592	0	-9999	7
1757.69	1761.04	1400.04	96.0298	117.8297	98.60225	102.7205	3.201282	30.13369	66.66503	64.52561	2.139421	-9999	7
1757.695	1761.045	1400.045	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1758	1761.35	1400.35	131.8317	24.86929	132.4925	133.3776	6.882581	90.85755	2.259867	0	2.259867	-9999	7
1758.005	1761.355	1400.355	135.0414	95.89853	134.9824	134.3452	0	100	0	0	0	-9999	7
1758.01	1761.36	1400.36	135.478	42.58134	135.4544	136.9648	4.769419	91.04634	4.184242	3.208978	0.975265	-9999	7
1758.015	1761.365	1400.365	132.0323	125.7389	130.5809	131.0175	0	42.99995	57.00005	57.00005	0	-9999	7
1758.02	1761.37	1400.37	130.5809	73.07616	130.3921	130.4393	3.644366	74.5653	21.79034	21.79034	0	-9999	7
1758.025	1761.375	1400.375	125.5186	65.38979	124.374	124.3976	17.56939	34.12534	48.30527	21.56303	26.74224	25.41657	7
1758.03	1761.38	1400.38	123.1586	46.80049	122.1791	121.3059	22.95892	32.07027	44.97081	15.9223	29.04851	25.84304	7
1758.035	1761.385	1400.385	121.9431	41.11926	121.9195	122.8635	18.04436	48.53442	33.42122	10.64864	22.77258	23.61881	7
1758.04	1761.39	1400.39	124.197	62.98084	125.0112	127.0762	4.187239	75.94288	19.86988	19.86988	0	-9999	7
1758.045	1761.395	1400.395	123.8666	52.41209	124.551	126.026	8.054822	70.89619	21.04899	12.8676	8.181394	21.16535	7
1758.05	1761.4	1400.4	122.8281	60.39087	123.3474	123.312	8.359631	63.99045	27.64992	27.64992	0	22.50171	7
1758.055	1761.405	1400.405	121.2941	88.7413	119.6421	118.3205	19.73728	19.17367	61.08904	32.49719	28.59185	27.8752	7
1758.06	1761.41	1400.41	120.0905	68.63422	120.2675	121.6599	11.53549	49.38144	39.08307	21.47025	17.61283	24.14253	7
1758.065	1761.415	1400.415	122.6629	123.3856	122.5921	123.7958	0	55.0613	44.9387	44.9387	0	-9999	7
1758.07	1761.42	1400.42	120.0669	47.87268	121.0345	123.0996	10.45422	63.03441	26.51137	22.75419	3.757179	22.33754	7
1758.075	1761.425	1400.425	121.0463	37.3457	121.7307	122.6275	14.29552	59.96793	25.73655	8.647463	17.08908	22.4662	7
1758.08	1761.43	1400.43	124.3386	74.1205	123.4772	124.0082	14.34733	38.75007	46.90259	30.65433	16.24826	25.04715	7
1758.085	1761.435	1400.435	121.7897	31.77587	122.1673	122.7573	17.33723	55.69015	26.97262	3.151836	23.82079	22.78141	7
1758.09	1761.44	1400.44	121.6127	36.52415	121.2941	121.7779	21.74665	41.47234	36.78101	12.96691	23.8141	24.507	7
1758.095	1761.445	1400.445	119.6185	47.60811	120.3973	121.0935	12.39401	57.93011	29.67588	12.29831	17.37758	23.1126	7
1758.1	1761.45	1400.45	120.9401	50.79684	120.5035	119.5595	19.82598	38.63373	41.54029	13.04916	28.49112	25.28369	7
1758.105	1761.455	1400.455	121.8487	57.35531	121.1643	120.5271	19.32339	36.19052	44.48609	23.34056	21.14553	25.49819	7
1758.11	1761.46	1400.46	121.1643	84.57785	120.6687	120.6097	11.90197	40.26965	47.82838	30.99209	16.83629	25.47287	7
1758.115	1761.465	1400.465	120.4091	49.01449	121.1407	121.5065	11.69211	59.6275	28.68039	10.23616	18.44423	22.92983	7
1758.12	1761.47	1400.47	120.8339	49.05627	121.5773	122.6865	11.19972	61.24747	27.55281	10.47846	17.07435	22.57813	7
1758.125	1761.475	1400.475	120.7395	72.81159	121.3649	122.7573	6.452301	60.19412	33.35358	33.35358	0	-9999	7
1758.13	1761.48	1400.48	121.4357	97.76442	120.8103	121.5773	9.467098	39.23011	51.30279	37.87606	13.42674	25.70191	7
1758.135	1761.485	1400.485	118.1907	62.98084	116.102	115.0872	32.21022	7.663733	60.12605	27.37856	32.74749	29.30569	7
1758.14	1761.49	1400.49	113.0457	40.11669	112.1607	111.5825	33.14856	18.1482	48.70324	35.37741	13.32582	28.11012	7
1758.145	1761.495	1400.495	108.9393	44.34976	108.1486	108.4083	35.17051	15.04726	49.78223	20.91014	28.87209	28.40637	7
1758.15	1761.5	1400.5	107.2518	44.44724	106.6264	106.0836	35.41904	14.99228	49.58868	35.92328	13.6654	28.56907	7
1758.155	1761.505	1400.505	112.7979	49.04234	112.3495	112.8569	27.83282	23.91726	48.24992	23.34385	24.90607	27.11706	7
1758.16	1761.51	1400.51	110.8155	50.18416	110.5441	113.0811	28.00857	23.32857	48.66287	16.22023	32.44263	26.85806	7
1758.165	1761.515	1400.515	110.0131	63.89986	109.2225	108.8567	29.45147	17.47302	53.07551	26.51595	26.55956	28.01416	7
1758.17	1761.52	1400.52	107.417	70.79253	106.709	108.4555	29.53165	16.14782	54.32053	24.68555	29.63498	27.73626	7
1758.175	1761.525	1400.525	108.2784	60.33517	107.0748	105.47	35.11081	11.42536	53.46383	22.14878	31.31505	29.05412	7

1758.18	1761.53	1400.53	109.0927	44.30799	107.9008	106.2842	38.14885	11.10074	50.75041	27.0314	23.719	29.34685	7
1758.185	1761.535	1400.535	108.6089	73.35465	107.417	106.8152	31.56467	12.67636	55.75897	22.35871	33.40026	28.5609	7
1758.19	1761.54	1400.54	108.9039	84.34114	109.5883	107.535	14.09368	33.35624	52.55008	44.6719	7.87818	27.18808	7
1758.195	1761.545	1400.545	107.2754	133.5227	109.6237	114.8394	0	51.484	48.516	48.516	0	-9999	7
1758.2	1761.55	1400.55	106.6028	175.004	108.2666	119.2999	0	45.44408	54.55592	54.55592	0	-9999	7
1758.205	1761.555	1400.555	107.8418	217.3626	109.7063	116.5032	0	53.17308	46.82692	46.82692	0	-9999	7
1758.21	1761.56	1400.56	106.2252	160.2301	108.9983	107.5704	0	55.19506	44.80494	44.80494	0	-9999	7
1758.215	1761.565	1400.565	106.296	145.7067	109.8479	114.037	0	62.91453	37.08547	37.08547	0	-9999	7
1758.22	1761.57	1400.57	107.8418	167.9164	111.9011	118.7217	0	75.51021	24.48979	24.48979	0	-9999	7
1758.225	1761.575	1400.575	107.6766	180.2257	110.6739	114.0724	0	63.07723	36.92277	36.92277	0	-9999	7
1758.23	1761.58	1400.58	112.3023	132.548	114.8512	115.3704	0	68.69773	31.30227	31.30227	0	-9999	7
1758.235	1761.585	1400.585	108.1958	104.1001	108.9039	111.3937	9.780483	33.70033	56.51919	36.8983	19.62089	26.74107	7
1758.24	1761.59	1400.59	100.6201	147.8929	101.3517	101.9889	5.969422	25.89536	68.13522	68.13522	0	-9999	7
1758.245	1761.595	1400.595	104.8446	158.5034	104.8918	103.1335	4.819356	26.17825	69.0024	66.78583	2.21657	-9999	7
1758.25	1761.6	1400.6	111.7949	95.89853	111.3701	109.6827	17.2335	25.96446	56.80204	29.47526	27.32678	27.55501	7
1758.255	1761.605	1400.605	108.6915	116.7158	108.7269	106.6028	11.48429	28.21284	60.30287	44.97683	15.32604	27.91895	7
1758.26	1761.61	1400.61	105.1042	129.4567	106.1072	105.5172	4.202208	33.15296	62.64483	62.64483	0	-9999	7
1758.265	1761.615	1400.615	105.0452	97.79227	104.9744	104.0304	20.24141	21.28304	58.47554	35.06588	23.40966	27.80449	7
1758.27	1761.62	1400.62	106.06	107.7205	104.113	104.5024	31.446	6.67436	61.87964	40.4294	21.45024	28.72928	7
1758.275	1761.625	1400.625	105.9184	106.6761	103.0981	100.1953	38.59644	0	61.40356	29.84292	31.56063	29.56614	7
1758.28	1761.63	1400.63	100.8679	120.6425	98.95626	96.58441	32.82126	6.082582	61.09616	23.76828	37.32788	28.95944	7
1758.285	1761.635	1400.635	102.4255	97.83405	100.9387	99.28666	33.61561	8.025001	58.35939	36.72259	21.6368	28.93849	7
1758.29	1761.64	1400.64	107.417	124.3743	105.0098	101.7411	29.73394	4.244132	66.02193	38.16117	27.86076	29.59188	7
1758.295	1761.645	1400.645	107.9952	103.6267	105.3284	103.1925	36.23485	0.633161	63.13199	31.84821	31.28378	30.08147	7
1758.3	1761.65	1400.65	104.762	97.44416	103.5702	102.6261	29.27414	11.5509	59.17496	35.29816	23.87681	28.49951	7
1758.305	1761.655	1400.655	106.8034	125.4743	104.172	100.5139	31.76984	2.309926	65.92024	36.55187	29.36837	29.83984	7
1758.31	1761.66	1400.66	106.8506	134.5392	104.3018	103.1099	28.89255	3.622444	67.48501	34.91329	32.57172	29.17623	7
1758.315	1761.665	1400.665	105.883	146.2776	105.9656	110.7329	6.54829	26.92896	66.52275	55.31295	11.2098	-9999	7
1758.32	1761.67	1400.67	106.7798	151.9867	107.889	111.6061	0	38.57697	61.42303	61.42303	0	-9999	7
1758.325	1761.675	1400.675	102.2485	118.15	102.7677	100.7027	13.31518	24.24564	62.43919	45.99936	16.43982	28.19444	7
1758.33	1761.68	1400.68	100.5611	119.5007	100.8443	99.72327	16.36979	20.68611	62.9441	38.34101	24.60309	28.03781	7
1758.335	1761.685	1400.685	96.72601	99.79741	96.93842	91.81711	25.21496	15.3436	59.44144	36.65465	22.78679	28.80539	7
1758.34	1761.69	1400.69	97.24522	159.1439	95.14478	90.25948	28.3	6.683724	65.01628	33.76559	31.25069	28.76999	7
1758.345	1761.695	1400.695	98.33084	168.8633	96.1006	97.55203	25.95511	6.829674	67.21521	32.07069	35.14453	27.61994	7
1758.35	1761.7	1400.7	97.38682	88.65775	97.31602	95.09758	29.49766	13.45059	57.05175	29.61466	27.43709	28.45239	7
1758.355	1761.705	1400.705	97.85883	82.47524	97.74083	94.66097	30.92538	13.11509	55.95953	31.37618	24.58335	28.70601	7
1758.36	1761.71	1400.71	99.12146	92.58448	99.88848	99.32206	20.45844	20.67532	58.86624	41.48635	17.37988	27.83415	7
1758.365	1761.715	1400.715	97.92964	73.04831	98.62585	100.7027	26.83138	17.6082	55.56041	28.67374	26.88667	27.50241	7
1758.37	1761.72	1400.72	100.2779	106.4394	99.33386	96.97382	29.30215	11.17511	59.52274	36.20849	23.31424	28.58898	7
1758.375	1761.725	1400.725	101.9535	94.60354	101.8473	104.88	24.13177	17.55438	58.31385	39.1204	19.19345	27.25659	7
1758.38	1761.73	1400.73	100.3959	81.98788	100.9387	101.9771	23.58793	19.82585	56.58622	27.78678	28.79944	27.52827	7
1758.385	1761.735	1400.735	98.80285	81.47267	98.67305	101.1865	30.39096	13.72364	55.8854	25.25864	30.62676	27.64815	7
1758.39	1761.74	1400.74	97.44583	61.36559	96.97382	96.313	39.15744	9.281022	51.56154	29.55889	22.00264	29.02619	7
1758.395	1761.745	1400.745	100.2543	46.78656	99.65247	100.8679	41.10776	9.405923	49.48632	17.07847	32.40785	29.01313	7
1758.4	1761.75	1400.75	101.3163	73.20148	100.2425	100.1953	37.39636	8.672615	53.93102	32.4316	21.49943	28.88573	7
1758.405	1761.755	1400.755	100.4785	77.16998	99.36927	98.41345	37.48113	8.225321	54.29355	31.47608	22.81747	29.03388	7
1758.41	1761.76	1400.76	98.11844	97.90367	96.59621	92.12392	37.83564	6.000799	56.16356	30.38411	25.77945	29.58747	7
1758.415	1761.765	1400.765	97.02102	95.10483	96.0652	96.0062	35.1329	8.542101	56.325	31.66496	24.66004	28.43894	7
1758.42	1761.77	1400.77	96.313	89.66032	96.53721	97.50483	27.95665	14.3875	57.65584	28.91001	28.74583	27.77632	7
1758.425	1761.775	1400.775	98.37805	66.32274	98.22464	97.36322	34.63097	12.21285	53.15618	35.0004	18.15578	28.59491	7
1758.43	1761.78	1400.78	99.80587	49.86389	100.2071	99.79407	33.00217	16.03135	50.96648	33.51523	17.45125	28.29809	7
1758.435	1761.785	1400.785	98.21284	40.78507	98.70845	100.5965	35.93322	14.43778	49.629	33.86254	15.76646	28.17286	7
1758.44	1761.79	1400.79	97.78803	39.1002	98.01224	99.23946	38.83518	12.225	48.93983	17.80371	31.13612	28.63571	7
1758.445	1761.795	1400.795	98.11844	41.88511	98.56685	99.03886	36.11967	14.11968	49.76066	30.96175	18.7989	28.45836	7
1758.45	1761.8	1400.8	98.99166	38.77993	99.72327	100.7853	33.87291	16.66039	49.4667	20.54084	28.92586	28.0827	7
1758.455	1761.805	1400.805	100.0655	43.83455	100.4431	100.1481	34.40534	15.72989	49.86477	27.06184	22.80293	28.38996	7
1758.46	1761.81	1400.81	98.94446	47.17645	99.65247	99.71147	32.06729	17.0171	50.91562	23.48342	27.43219	28.12843	7
1758.465	1761.815	1400.815	99.28666	44.99029	100.0065	102.4373	32.19005	17.3267	50.48325	17.17188	33.31137	27.68251	7
1758.47	1761.82	1400.82	99.82947	47.32962	100.3369	101.9771	32.77068	16.61849	50.61082	24.74295	25.86787	27.88204	7
1758.475	1761.825	1400.825	99.94748	39.93567	100.2897	101.2809	35.73178	15.09964	49.16858	31.1512	18.01738	28.28766	7
1758.48	1761.83	1400.83	99.25126	38.72424	99.66427	101.0095	36.11676	14.79325	49.08999	27.02668	22.06331	28.27249	7
1758.485	1761.835	1400.835	98.64945	47.0929	98.73205	96.56081	37.20586	12.62991	50.16423	21.40253	28.76171	29.08034	7
1758.49	1761.84	1400.84	99.34567	53.63745	100.2425	101.0449	28.67138	19.19134	52.13728	26.36896	25.76833	27.73224	7
1758.495	1761.845	1400.845	99.45187	55.05776	100.5257	100.8089	26.85818	20.64513	52.49668	37.98521	14.51148	27.71087	7
1758.5	1761.85	1400.85	98.29544	48.56891	98.31904	97.88243	37.63161	12.05329	50.3151	22.65163	27.66346	28.81135	7
1758.505	1761.855	1400.855	96.66701	45.5055	96.65521	98.55505	40.14547	10.3306	49.52393	27.5895	21.93443	28.6664	7
1758.51	1761.86	1400.86	95.80559	45.35233	96.0062	97.36322	39.32891	10.85574	49.81535	25.65001	24.16534	28.65801	7
1758.515	1761.865	1400.865	97.22162	33.04301	97.35142	98.20104	41.55373	10.76044	47.68584	18.13731	29.54852	29.05809	7
1758.52	1761.87	1400.87	96.2894	28.23903	96.3366	96.2776	44.2141	9.213882	46.57202	24.50128	22.07074	29.60559	7
1758.525	1761.875	1400.875	95.14478	30.8847	95.19198	93.64615	44.6269	8.540982	46.83212	32.05175	14.78037	29.91757	7
1758.53	1761.88	1400.88	93.74055	38.2508	94.03556	94.54297	42.2157	9.303074	48.48122	23.65028	24.83094	29.16202	7
1758.535	1761.885	1400.885	91.84071	57.45279	92.00591	92.41892	40.32265	8.670356	51.007	23.21829	27.7887	28.81822	7
1758.54	1761.89	1400.89	91.62831	36.96974	91.74631	95.02678	45.84076	6.939543	47.21969	15.75876	31.46094	29.09076	7

1758.545	1761.895	1400.895	90.95569	39.68503	91.1445	92.83193	45.25376	7.020498	47.72575	18.11324	29.61251	29.26841	7
1758.55	1761.9	1400.9	89.00865	40.98002	89.15026	87.84043	47.09745	5.775914	47.12663	22.52996	24.59667	29.99868	7
1758.555	1761.905	1400.905	88.72545	44.41939	88.47764	86.684	49.54359	4.347633	46.10878	24.50769	21.60109	30.38379	7
1758.56	1761.91	1400.91	92.66673	125.0287	93.69335	93.74055	16.53334	17.96131	65.50535	46.4899	19.01545	27.92029	7
1758.565	1761.915	1400.915	101.7411	278.0598	102.7441	105.2694	0	38.16667	61.83333	61.83333	0	-9999	7
1758.57	1761.92	1400.92	105.411	226.6642	106.4966	106.3314	0	40.9926	59.0074	59.0074	0	-9999	7
1758.575	1761.925	1400.925	98.44885	188.3995	98.43705	96.51361	3.925843	21.39779	74.67637	74.67637	0	-9999	7
1758.58	1761.93	1400.93	88.30064	98.85054	88.11183	88.79625	36.30481	8.046738	55.64845	30.48489	25.16356	27.94791	7
1758.585	1761.935	1400.935	92.84373	58.62245	92.32452	90.35388	44.42102	6.175856	49.40313	25.26626	24.13687	29.75491	7
1758.59	1761.94	1400.94	96.3484	48.74993	96.077	95.74659	41.66538	8.845481	49.48914	24.51558	24.97356	29.26168	7
1758.595	1761.945	1400.945	97.65823	42.67881	97.26882	97.08002	42.84407	8.649804	48.50613	21.01312	27.49301	29.44275	7
1758.6	1761.95	1400.95	98.04764	42.84591	97.24522	96.85581	45.64619	6.45485	47.89896	23.02376	24.8752	29.93507	7
1758.605	1761.955	1400.955	95.86459	51.92473	95.77019	95.73479	39.9704	9.707438	50.32216	21.28189	29.04026	28.97641	7
1758.61	1761.96	1400.96	94.73177	43.79278	93.65795	92.92633	50.57104	3.396601	46.03236	16.7288	29.30356	30.66576	7
1758.615	1761.965	1400.965	96.4192	45.86754	95.54599	94.82617	46.96183	5.367956	47.67022	20.56066	27.10956	30.12992	7
1758.62	1761.97	1400.97	96.372	35.52158	95.91179	94.94417	46.30816	6.915221	46.77662	22.42877	24.34786	30.09056	7
1758.625	1761.975	1400.975	95.92359	35.57728	95.54599	93.57535	46.06705	7.090882	46.84207	22.93296	23.90911	30.2216	7
1758.63	1761.98	1400.98	95.22738	41.31421	95.59319	95.9826	39.55776	11.0322	49.41004	16.2683	33.14174	28.86713	7
1758.635	1761.985	1400.985	96.0652	37.97231	95.81739	96.1714	44.35121	8.057758	47.59103	32.94019	14.65084	29.52648	7
1758.64	1761.99	1400.99	96.60801	42.17753	95.77019	95.67579	47.40675	5.411321	47.18193	15.7327	31.44922	30.10738	7
1758.645	1761.995	1400.995	97.00922	58.14901	95.45159	94.41316	48.75111	2.726265	48.52263	28.1615	20.36113	30.50041	7
1758.65	1762	1401	97.77623	58.62245	96.74961	94.54297	43.81555	6.058393	50.12606	27.38066	22.7454	29.95837	7
1758.655	1762.005	1401.005	99.26306	61.46306	99.28666	99.74687	33.62102	13.75519	52.6238	36.45686	16.16694	28.24758	7
1758.66	1762.01	1401.01	101.1393	47.07898	100.7027	100.2425	38.94245	11.23113	49.82642	34.92688	14.89954	29.02397	7
1758.665	1762.015	1401.015	101.0331	42.49779	100.4903	100.3133	40.97187	10.09349	48.93464	27.38974	21.5449	29.25027	7
1758.67	1762.02	1401.02	101.7529	42.53957	102.4727	104.0422	30.51418	20.08655	49.39927	35.65722	13.74205	27.56799	7
1758.675	1762.025	1401.025	100.2779	37.90269	101.2337	102.2485	31.16429	19.68078	49.15493	29.22309	19.93184	27.76543	7
1758.68	1762.03	1401.03	100.2071	41.62055	101.0685	103.4994	31.06132	19.16298	49.7757	28.33383	21.44187	27.5224	7
1758.685	1762.035	1401.035	101.3753	44.41939	101.7883	103.5466	32.78441	17.43871	49.77688	19.47187	30.30501	27.80451	7
1758.69	1762.04	1401.04	99.14506	60.44657	99.42827	99.54627	31.96363	15.29053	52.74584	20.25271	32.49313	28.15284	7
1758.695	1762.045	1401.045	98.24824	57.16037	98.27184	98.36624	35.5959	12.59367	51.81042	32.84299	18.96744	28.49771	7
1758.7	1762.05	1401.05	100.2189	64.67964	99.84128	99.87668	35.07262	12.09529	52.83209	36.71846	16.11363	28.50325	7
1758.705	1762.055	1401.055	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1759.025	1762.375	1401.375	102.0007	77.2396	100.3369	97.97684	40.36207	5.205173	54.43276	38.09032	16.34244	29.79616	7
1759.03	1762.38	1401.38	98.30724	54.05519	97.96504	97.18622	39.12808	10.16194	50.70997	23.27355	27.43643	29.06158	7
1759.035	1762.385	1401.385	99.81767	75.16484	98.86186	99.31026	37.38545	8.715357	53.89919	20.33879	33.56041	28.71521	7
1759.04	1762.39	1401.39	98.64945	123.3299	96.43101	95.74659	36.58961	3.878501	59.53189	40.67252	18.85937	28.77206	7
1759.045	1762.395	1401.395	95.59319	55.39195	94.87337	94.73177	44.22798	6.40088	49.37114	25.67574	23.6954	29.5285	7
1759.05	1762.4	1401.4	92.45432	43.40289	92.76113	94.15356	42.06077	8.789862	49.14936	30.57657	18.5728	28.92869	7
1759.055	1762.405	1401.405	89.56326	41.09141	89.45706	88.69005	48.48074	5.090357	46.4289	24.63858	21.79032	30.10367	7
1759.06	1762.41	1401.41	93.06794	72.49132	92.15932	90.95569	43.87639	5.417255	50.70635	16.49876	34.2076	29.45366	7
1759.065	1762.415	1401.415	92.01771	50.6019	91.4395	90.97929	47.57919	4.958658	47.46216	24.3662	23.09596	29.93166	7
1759.07	1762.42	1401.42	93.42194	36.45453	93.16234	93.06794	47.24176	6.227526	46.53072	15.84212	30.6886	29.96834	7
1759.075	1762.425	1401.425	93.91755	36.95582	93.59895	94.16536	47.12174	6.264321	46.61393	32.92804	13.6859	29.84189	7
1759.08	1762.43	1401.43	97.08002	63.25933	95.29818	93.98835	49.18686	1.881195	48.93195	25.1582	23.77375	30.61557	7
1759.085	1762.435	1401.435	97.68183	93.6706	96.3484	96.60801	37.79849	6.621922	55.57958	20.34302	35.23657	28.67678	7
1759.09	1762.44	1401.44	94.82617	83.72845	93.26854	92.72573	44.56928	3.749591	51.68112	21.12988	30.55124	29.46919	7
1759.095	1762.445	1401.445	92.41892	57.95407	91.1327	90.15328	50.91796	2.497027	46.58501	30.08023	16.50479	30.51854	7
1759.1	1762.45	1401.45	89.24466	42.98515	89.87007	90.08247	42.64556	8.004174	49.35027	33.06758	16.28269	29.16452	7
1759.105	1762.455	1401.455	89.88187	39.9496	90.40108	90.82589	43.61699	7.774571	48.60844	19.5877	29.02074	29.27169	7
1759.11	1762.46	1401.46	91.1681	50.50442	90.70789	89.17386	47.4699	5.058812	47.47128	23.54123	23.93005	30.07537	7
1759.115	1762.465	1401.465	92.72573	57.64773	91.82891	91.1917	47.69192	4.324112	47.98397	14.90655	33.07741	29.96305	7
1759.12	1762.47	1401.47	93.39834	60.58581	91.85251	91.3451	51.39195	1.820772	46.78727	16.49907	30.28821	30.56482	7
1759.125	1762.475	1401.475	94.54297	76.26488	92.84373	90.70789	47.73344	2.4832	49.78336	17.42146	32.3619	30.24557	7
1759.13	1762.48	1401.48	93.79955	70.0963	92.44252	89.45706	47.25808	3.456144	49.28578	29.98681	19.29897	30.31183	7
1759.135	1762.485	1401.485	94.43676	73.67491	93.46914	91.1917	42.7879	5.810593	51.4015	26.69509	24.70642	29.58627	7
1759.14	1762.49	1401.49	95.71119	74.10657	94.63737	93.50454	42.33403	5.866415	51.79955	30.14217	21.65738	29.39091	7
1759.145	1762.495	1401.495	95.29818	55.92108	95.47519	96.2894	37.42099	11.04516	51.53384	34.05282	17.48102	28.51765	7
1759.15	1762.5	1401.5	95.15658	51.72979	94.62557	92.28912	44.05267	6.901912	49.04541	21.59307	27.45234	29.9027	7
1759.155	1762.505	1401.505	96.2894	46.36883	95.9826	95.30998	42.57024	8.447383	48.98237	29.83872	19.14366	29.4448	7
1759.16	1762.51	1401.51	98.47245	48.8474	98.77925	99.99468	35.20653	14.02343	50.77004	30.52648	20.24357	28.22911	7
1759.165	1762.515	1401.515	99.29846	53.8324	100.5611	103.4639	25.83262	21.68848	52.4789	37.17247	15.30643	27.16352	7
1759.17	1762.52	1401.52	98.27184	63.25933	100.4195	102.5317	17.6369	27.04357	55.31953	33.39966	21.91987	27.23078	7
1759.175	1762.525	1401.525	96.82041	56.45022	97.89424	99.22766	28.94215	17.6658	53.39205	23.45977	29.93229	27.74615	7
1759.18	1762.53	1401.53	95.19198	60.57189	95.56959	94.08276	34.83852	12.36776	52.79372	23.6368	29.15692	28.69464	7
1759.185	1762.535	1401.535	93.12694	56.90973	93.46914	94.22436	37.89896	10.34945	51.75159	37.45402	14.29758	28.54339	7
1759.19	1762.54	1401.54	93.15054	58.27434	93.62255	96.63161	36.54104	11.09942	52.35954	24.62503	27.73451	28.00195	7
1759.195	1762.545	1401.545	92.57233	53.67923	92.01771	92.85553	46.14133	5.542514	48.31616	16.61428	31.70188	29.48639	7
1759.2	1762.55	1401.55	93.62255	46.13211	92.83193	94.27156	48.83056	4.437765	46.73167	24.03837	22.6933	29.88545	7
1759.205	1762.555	1401.555	95.27458	49.54363	94.84977	95.88819	43.65009	7.379605	48.9703	16.53511	32.43519	29.23578	7
1759.21	1762.56	1401.56	96.57261	69.73426	95.56959	92.40712	42.05092	6.347207	51.60187	23.65678	27.94509	29.7931	7
1759.215	1762.565	1401.565	98.04764	126.268	95.73479	92.02951	37.16388	3.450678	59.38544	35.06529	24.32015	29.31395	7
1759.22	1762.57	1401.57	104.6322	137.9647	104.172	103.2515	13.91757	20.23106	65.85137	44.6958	21.15557	28.16981	7

1759.225	1762.575	1401.575	109.3405	154.9109	109.8715	108.5145	0	37.18833	62.81167	62.81167	0	-9999	7
1759.23	1762.58	1401.58	106.5202	111.327	105.647	104.7266	21.82772	16.53581	61.63647	33.13206	28.50441	28.11655	7
1759.235	1762.585	1401.585	102.7559	90.71859	101.7293	100.8207	31.46695	11.08077	57.45227	23.08822	34.36406	28.53486	7
1759.24	1762.59	1401.59	95.73479	70.62543	93.33934	92.74933	53.39737	0	46.60263	15.60889	30.99374	29.67877	5
1759.245	1762.595	1401.595	93.28034	46.45237	92.13572	91.60471	51.81144	2.659195	45.52936	14.44963	31.07973	30.73738	5
1759.25	1762.6	1401.6	92.67853	42.02436	91.79351	91.88791	51.42475	3.302971	45.27228	24.70826	20.56402	30.54907	5
1759.255	1762.605	1401.605	91.76991	53.26149	90.87309	90.42468	49.63275	3.634503	46.73275	29.013	17.71975	30.20685	5
1759.26	1762.61	1401.61	91.75811	41.77372	90.87309	88.69005	52.33219	2.905254	44.76256	16.80389	27.95867	31.07885	5
1759.265	1762.615	1401.615	90.77869	51.98043	89.31546	88.53664	55.24438	0.865431	43.89019	11.92272	31.96748	31.19166	5
1759.27	1762.62	1401.62	89.20926	45.31056	88.70185	89.00865	50.89476	3.624934	45.48031	23.64734	21.83296	30.20803	5
1759.275	1762.625	1401.625	87.52182	37.70774	88.11183	90.49548	45.78206	6.433299	47.78464	28.70929	19.07535	29.14108	5
1759.28	1762.63	1401.63	87.39202	42.76236	87.86403	88.37144	45.59278	6.258111	48.14911	33.72322	14.4259	29.40278	5
1759.285	1762.635	1401.635	88.37144	47.98408	87.85223	87.41562	51.11001	3.410148	45.47984	32.68181	12.79803	30.30648	5
1759.29	1762.64	1401.64	88.43044	47.16253	87.72243	86.18839	52.71778	2.679406	44.60282	17.97297	26.62985	30.78055	5
1759.295	1762.645	1401.645	89.05585	64.41507	88.08823	85.98779	49.97922	3.100854	46.91992	33.43558	13.48435	30.28777	5
1759.3	1762.65	1401.65	88.83165	67.89622	88.05283	85.31518	47.87982	3.964951	48.15523	33.04178	15.11345	30.0544	5
1759.305	1762.655	1401.655	88.46584	70.43049	88.66645	89.94087	40.01257	7.696748	52.29069	28.30517	23.98552	28.41508	5
1759.31	1762.66	1401.66	87.84043	43.20795	88.56024	87.30942	43.15192	7.492909	49.35517	35.63378	13.72139	29.46096	5
1759.315	1762.665	1401.665	87.73423	40.06099	88.61924	89.39806	42.73086	7.848312	49.42083	23.26306	26.15777	29.07632	5
1759.32	1762.67	1401.67	87.38022	47.95623	88.10003	85.43318	42.42623	7.527334	50.04644	16.63793	33.40851	29.58738	5
1759.325	1762.675	1401.675	85.40958	47.17645	84.86677	83.46254	54.21327	2.155388	43.63134	24.58072	19.05062	30.83656	5
1759.33	1762.68	1401.68	82.80173	48.72208	82.44772	81.88131	54.77523	1.939758	43.28502	26.69086	16.59416	30.60785	5
1759.335	1762.685	1401.685	80.93729	59.31868	80.44168	72.15791	55.02356	1.698954	43.27749	21.90406	21.37343	31.78483	5
1759.34	1762.69	1401.69	80.31187	53.65138	79.21445	74.69496	61.63447	0	38.36553	23.70191	14.66362	31.87257	5
1759.345	1762.695	1401.695	81.5391	45.93716	80.97269	78.41203	58.25693	0.783065	40.96001	23.9511	17.00891	31.54779	5
1759.35	1762.7	1401.7	83.36814	32.6949	82.61292	81.05529	61.24207	0	38.75793	25.67933	13.0786	32.12577	5
1759.355	1762.705	1401.705	85.25618	34.0595	84.92577	84.11155	55.88257	1.894078	42.22335	24.83297	17.39038	31.19607	5
1759.36	1762.71	1401.71	85.83439	30.43912	86.212	85.79899	50.73964	4.250749	45.00961	15.40047	29.60914	30.36334	5
1759.365	1762.715	1401.715	84.92577	31.65055	85.12637	84.93757	52.65418	3.303943	44.04188	21.4709	22.57098	30.56302	5
1759.37	1762.72	1401.72	84.33576	38.90526	84.37116	83.72214	52.72168	3.009861	44.26846	29.5073	14.76116	30.52821	5
1759.375	1762.725	1401.725	85.27978	51.54877	85.31518	86.6722	48.79345	4.268508	46.93804	19.45708	27.48096	29.45615	5
1759.38	1762.73	1401.73	85.89339	31.7898	86.271	86.5424	50.35849	4.372043	45.26947	23.54069	21.72878	30.16519	5
1759.385	1762.735	1401.735	85.64558	29.4644	85.70458	85.84619	53.61842	3.018665	43.36292	19.05804	24.30487	30.7151	5
1759.39	1762.74	1401.74	88.47764	14.5094	88.56024	88.35964	54.44913	3.473496	42.07737	26.3885	15.68887	31.21328	5
1759.395	1762.745	1401.745	89.09125	22.86415	88.80805	89.18566	54.69777	2.927302	42.37493	23.14857	19.22636	31.08351	5
1759.4	1762.75	1401.75	91.0973	26.44276	91.1091	91.4513	49.69989	5.437863	44.86225	32.09155	12.7707	30.26852	5
1759.405	1762.755	1401.755	90.01167	43.77886	91.1209	92.33632	37.9983	10.65887	51.34283	32.0724	19.27043	28.54197	5
1759.41	1762.76	1401.76	89.02045	44.55863	90.09427	90.61349	38.99587	9.805092	51.19903	27.45567	23.74337	28.74449	5
1759.415	1762.765	1401.765	89.94087	38.73816	91.01469	93.52815	39.55764	10.10911	50.33324	17.06315	33.2701	28.47748	5
1759.42	1762.77	1401.77	91.74631	29.38085	91.65191	91.67551	49.21485	5.542678	45.24248	28.9186	16.32388	30.24589	5
1759.425	1762.775	1401.775	91.92331	35.41019	90.86129	91.3097	55.09196	1.775867	43.13218	27.20564	15.92654	31.17155	5
1759.43	1762.78	1401.78	93.56355	35.7583	92.53693	93.39834	53.22434	2.596511	44.17915	25.3997	18.77945	30.83245	5
1759.435	1762.785	1401.785	92.43072	24.64649	92.25372	91.1917	50.37106	5.242737	44.3862	16.52187	27.86433	30.69393	5
1759.44	1762.79	1401.79	94.02376	32.06829	93.96475	96.1124	46.19488	7.296438	46.50868	30.21837	16.29032	29.43265	5
1759.445	1762.795	1401.795	96.1242	32.75059	96.2658	97.50483	42.54267	9.924786	47.53254	31.82905	15.70349	29.1062	5
1759.45	1762.8	1401.8	95.00318	37.81914	95.58139	96.52541	38.9637	11.76918	49.26712	21.61466	27.65245	28.69935	5
1759.455	1762.805	1401.805	92.34812	29.10236	92.79653	93.06794	44.52179	8.421673	47.05654	32.88585	14.17069	29.528	5
1759.46	1762.81	1401.81	92.97353	34.44939	92.96173	91.88791	46.21905	7.011274	46.76968	30.27879	16.49089	29.99128	5
1759.465	1762.815	1401.815	93.28034	51.60447	93.02074	91.5457	43.70575	7.16713	49.12712	21.62523	27.50189	29.62549	5
1759.47	1762.82	1401.82	92.27732	65.43157	92.78473	92.92633	35.338	11.10259	53.55941	20.35115	33.20827	28.388	5
1759.475	1762.825	1401.825	92.57233	70.84822	93.12694	93.69335	33.38995	11.9142	54.69584	23.20123	31.49461	28.1535	5
1759.48	1762.83	1401.83	91.86431	54.50078	91.92331	88.41864	41.83839	8.001817	50.1598	24.22299	25.93681	29.71503	5
1759.485	1762.835	1401.835	88.83165	42.58134	89.04405	87.02621	46.32406	6.065385	47.61055	34.14565	13.46491	29.99789	5
1759.49	1762.84	1401.84	83.87555	65.18092	84.92577	78.08163	38.9215	7.765027	53.31348	20.63225	32.68122	29.78871	5
1759.495	1762.845	1401.845	86.20019	28.93526	86.4834	86.5188	51.49864	4.009514	44.49184	21.05131	23.44054	30.42479	5
1759.5	1762.85	1401.85	88.98505	35.80008	88.06463	87.45102	56.60338	1.322306	42.07431	22.30205	19.77227	31.47501	5
1759.505	1762.855	1401.855	86.6486	41.06356	85.73999	85.62198	57.3877	0.955571	41.65673	17.455	24.20173	31.32227	5
1759.51	1762.86	1401.86	90.74329	97.09604	87.91123	85.29158	54.96738	0	45.03262	9.40444	35.62818	29.07205	5
1759.515	1762.865	1401.865	92.45432	62.7859	91.3569	88.53664	48.25286	3.665773	48.08137	28.11193	19.96944	30.39068	5
1759.52	1762.87	1401.87	88.50124	68.06331	87.26222	84.22955	51.70998	2.17783	46.11219	30.66382	15.44837	30.64213	5
1759.525	1762.875	1401.875	81.6571	67.25568	82.24711	81.32669	44.027	5.406397	50.56661	34.46538	16.10123	28.9772	5
1759.53	1762.88	1401.88	83.94635	76.52945	85.69278	76.7954	30.71435	10.85072	58.43492	29.06889	29.36604	29.72741	5
1759.535	1762.885	1401.885	85.00837	55.01599	85.04377	83.21473	48.20408	4.384082	47.41184	33.20631	14.20553	29.90702	5
1759.54	1762.89	1401.89	85.49218	66.29489	85.85799	88.51304	42.46882	6.458391	51.07279	36.02952	15.04326	28.32615	5
1759.545	1762.895	1401.895	90.17688	129.5821	89.38626	87.76963	31.80569	8.595049	59.59926	34.23245	25.36681	27.92962	5
1759.55	1762.9	1401.9	92.39532	234.3645	88.19444	82.25891	30.83697	2.551606	66.61143	36.65339	29.95804	27.8013	5
1759.555	1762.905	1401.905	93.18594	232.6935	87.36842	81.31489	43.04288	0	56.95712	25.37759	31.57953	23.32422	5
1759.56	1762.91	1401.91	90.51908	170.7292	86.82561	82.84893	44.03042	0.494268	55.47531	23.48709	31.98822	28.73183	5
1759.565	1762.915	1401.915	92.94993	258.7603	88.66645	82.02291	25.06309	3.730258	71.20665	34.69948	36.50717	27.75205	5
1759.57	1762.92	1401.92	88.47764	176.4243	84.58356	81.94031	46.085	0.537313	53.37769	34.23133	19.14636	28.34296	5
1759.575	1762.925	1401.925	85.45678	101.6215	83.41534	80.45348	52.60853	1.220737	46.17074	18.8974	27.27333	30.04728	5
1759.58	1762.93	1401.93	88.02923	97.87582	86.74301	81.5155	45.29541	3.894031	50.81056	33.35019	17.46037	29.77469	5
1759.585	1762.935	1401.935	92.07672	138.3963	90.73149	85.24438	32.22303	7.561929	60.21505	32.4882	27.72684	28.69583	5

1759.59	1762.94	1401.94	94.79077	133.5923	93.31574	90.54268	31.89463	7.506624	60.59875	28.8431	31.75565	28.41635	5
1759.595	1762.945	1401.945	95.54599	110.1851	94.30696	92.00591	35.03534	7.378687	57.58598	27.95567	29.63031	28.69749	5
1759.6	1762.95	1401.95	96.1478	74.7471	95.10938	92.58413	41.50299	6.293963	52.20305	23.52151	28.68153	29.56244	5
1759.605	1762.955	1401.955	96.78501	65.01383	96.195	93.88215	39.79704	8.433704	51.76926	34.37854	17.39072	29.36938	5
1759.61	1762.96	1401.96	97.37502	81.98788	95.93539	93.10334	41.73104	5.115014	53.15395	33.03265	20.1213	29.71083	5
1759.615	1762.965	1401.965	99.36927	78.13078	98.31904	95.42798	37.81185	8.06481	54.12334	22.75094	31.3724	29.36037	5
1759.62	1762.97	1401.97	100.2543	77.51809	99.86488	96.97382	32.02459	12.90989	55.06552	36.91791	18.14761	28.78125	5
1759.625	1762.975	1401.975	101.8473	85.4551	102.3547	104.0304	21.6879	21.46625	56.84585	26.45867	30.38717	27.30543	5
1759.63	1762.98	1401.98	104.6912	102.9444	104.8092	107.83	17.85706	22.86095	59.28199	47.07087	12.21112	27.03531	5
1759.635	1762.985	1401.985	105.4228	88.53243	106.6028	110.0957	12.441	32.58112	54.97789	38.1754	16.80249	26.52383	5
1759.64	1762.99	1401.99	105.8358	71.64192	107.0866	109.5175	15.59982	32.84924	51.55094	29.97805	21.57289	26.44426	5
1759.645	1762.995	1401.995	105.6706	54.90459	106.7208	108.2548	21.35692	29.50125	49.14182	29.40473	19.73709	26.6522	5
1759.65	1763	1402	106.0128	51.32597	106.5556	107.2046	25.84055	24.98423	49.17522	32.25227	16.92295	27.14057	5
1759.655	1763.005	1402.005	106.709	51.85511	106.9096	107.7592	27.72409	22.74414	49.53177	19.69822	29.83355	27.29711	5
1759.66	1763.01	1402.01	107.8064	76.3902	107.1456	108.7033	27.45295	17.36556	55.18148	34.56687	20.61462	27.60436	3
1759.665	1763.015	1402.015	108.1604	128.5934	108.0542	114.0842	10.19585	26.82411	62.98004	50.32854	12.6515	26.66439	3
1759.67	1763.02	1402.02	105.7768	163.8087	107.889	111.1695	0	47.48536	52.51464	52.51464	0	-9999	3
1759.675	1763.025	1402.025	101.0685	193.0781	104.4434	102.5789	0	50.55092	49.44908	49.44908	0	-9999	3
1759.68	1763.03	1402.03	101.4461	117.6766	103.9124	104.7502	0	38.62827	61.37173	61.37173	0	-9999	3
1759.685	1763.035	1402.035	101.7765	77.25353	103.7236	105.116	12.58069	32.22759	55.19172	45.47386	9.71786	27.14082	3
1759.69	1763.04	1402.04	102.8031	91.47052	103.4285	102.7441	18.4383	23.9837	57.578	27.31923	30.25877	27.65557	3
1759.695	1763.045	1402.045	102.6261	67.52025	102.9919	101.6821	26.40905	20.07242	53.51854	33.11209	20.40645	27.93631	3
1759.7	1763.05	1402.05	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1760	1763.35	1402.35	120.1495	19.84252	119.8663	119.8073	26.85542	37.68061	35.46397	15.15813	20.30584	25.1356	3
1760.005	1763.355	1402.355	123.3592	42.3307	122.5685	122.3089	22.39282	36.09721	41.50997	30.48744	11.02253	25.16539	3
1760.01	1763.36	1402.36	121.5891	26.93012	121.4711	121.4121	22.53544	44.74752	32.71704	8.817982	23.89906	24.13096	3
1760.015	1763.365	1402.365	121.3649	39.1002	121.1171	119.5359	20.80252	42.45131	36.74617	26.00631	10.73986	24.79944	3
1760.02	1763.37	1402.37	123.2766	60.51619	123.1822	122.1083	12.67226	52.01018	35.31756	12.5242	22.79336	23.7775	3
1760.025	1763.375	1402.375	123.5952	76.20918	122.7809	123.843	14.16001	38.37102	47.46897	29.32618	18.14279	25.07306	3
1760.03	1763.38	1402.38	123.3474	86.83363	124.433	126.4272	0	80.46887	19.53113	19.53113	0	-9999	3
1760.035	1763.385	1402.385	123.2412	121.3805	124.138	125.436	0	78.04316	21.95684	21.95684	0	-9999	3
1760.04	1763.39	1402.39	123.8312	113.0675	126.085	128.9997	0	100	0	0	0	-9999	3
1760.045	1763.395	1402.395	124.8342	98.05684	127.147	129.2003	0	100	0	0	0	-9999	3
1760.05	1763.4	1402.4	124.138	94.53392	125.1292	127.678	0	82.05513	17.94487	17.94487	0	-9999	3
1760.055	1763.405	1402.405	124.1734	81.36128	125.436	126.1558	0	87.86504	12.13496	12.13496	0	-9999	3
1760.06	1763.41	1402.41	123.489	85.48295	124.3032	126.1204	0	74.68998	25.31002	25.31002	0	-9999	3
1760.065	1763.415	1402.415	121.8723	104.2811	123.5008	126.38	0	87.58655	12.41345	12.41345	0	-9999	3
1760.07	1763.42	1402.42	119.8663	138.9533	122.0965	124.138	0	93.66757	6.332434	6.332434	0	-9999	3
1760.075	1763.425	1402.425	118.7571	144.8991	120.8339	122.8399	0	86.11689	13.88311	13.88311	0	-9999	3
1760.08	1763.43	1402.43	121.8015	134.7342	122.0611	129.4127	0	60.2467	39.7533	39.7533	0	-9999	3
1760.085	1763.435	1402.435	120.5861	146.4447	121.1171	127.2414	0	62.82799	37.17201	37.17201	0	-9999	3
1760.09	1763.44	1402.44	123.0524	145.0662	125.0348	124.5274	0	100	0	0	0	-9999	3
1760.095	1763.445	1402.445	122.6629	182.4815	123.0996	117.636	0	69.88324	30.11676	30.11676	0	-9999	3
1760.1	1763.45	1402.45	126.4036	200.7923	126.7812	128.5395	0	83.0682	16.9318	16.9318	0	-9999	3
1760.105	1763.455	1402.455	125.495	211.0965	126.1204	131.1709	0	86.51402	13.48598	13.48598	0	-9999	3
1760.11	1763.46	1402.46	125.1882	210.0661	124.3858	128.7873	0	51.09648	48.90352	48.90352	0	-9999	3
1760.115	1763.465	1402.465	124.197	274.3976	120.9283	122.0611	0	2.354203	97.6458	97.6458	0	-9999	3
1760.12	1763.47	1402.47	125.259	254.8893	122.8399	122.8399	0	18.34529	81.65471	81.65471	0	-9999	3
1760.125	1763.475	1402.475	127.9023	187.8286	131.5721	133.1652	0	100	0	0	0	-9999	3
1760.13	1763.48	1402.48	127.5836	118.1221	129.3301	129.5307	0	100	0	0	0	-9999	3
1760.135	1763.485	1402.485	125.7664	67.56203	125.436	127.4774	10.50555	54.13091	35.36354	26.37117	8.992373	22.82721	3
1760.14	1763.49	1402.49	121.9077	84.63355	121.5301	125.1646	10.29003	44.23707	45.4729	36.20345	9.269445	24.35256	3
1760.145	1763.495	1402.495	122.3443	105.7014	123.076	130.5101	0	69.98856	30.01144	30.01144	0	-9999	3
1760.15	1763.5	1402.5	118.3559	133.6063	120.3973	125.377	0	83.01039	16.98961	16.98961	0	-9999	3
1760.155	1763.505	1402.505	117.4	137.8115	118.3559	118.5683	0	60.43978	39.56022	39.56022	0	-9999	3
1760.16	1763.51	1402.51	118.0372	108.3192	118.7099	122.1083	0	55.41195	44.58805	44.58805	0	-9999	3
1760.165	1763.515	1402.515	114.9456	103.6127	114.2494	111.8657	14.57144	27.38018	58.04838	46.3492	11.69918	27.60448	3
1760.17	1763.52	1402.52	114.0724	96.00993	113.3054	108.9865	17.76339	24.71452	57.52209	35.83841	21.68367	28.07524	3
1760.175	1763.525	1402.525	113.7538	127.4377	113.0339	112.7035	10.08518	27.03753	62.87728	59.9862	2.891077	27.7153	3
1760.18	1763.53	1402.53	115.8424	185.8791	116.2672	119.0167	0	50.98532	49.01468	49.01468	0	-9999	3
1760.185	1763.535	1402.535	114.0606	234.4898	114.7332	118.2615	0	53.81277	46.18723	46.18723	0	-9999	3
1760.19	1763.54	1402.54	114.3202	261.0718	116.456	116.1374	0	78.09279	21.90721	21.90721	0	-9999	3
1760.195	1763.545	1402.545	114.5916	202.4772	114.7096	114.45	0	44.89593	55.10407	55.10407	0	-9999	3
1760.2	1763.55	1402.55	117.3882	164.0315	117.1994	117.5888	0	43.21137	56.78863	56.78863	0	-9999	3
1760.205	1763.555	1402.555	120.1613	141.418	118.6037	118.7217	7.300113	23.18918	69.5107	61.73232	7.778381	-9999	3
1760.21	1763.56	1402.56	119.2291	163.5023	119.3707	122.9934	0	52.92555	47.07445	47.07445	0	-9999	3
1760.215	1763.565	1402.565	118.1199	170.214	118.2615	117.3646	0	50.68701	49.31299	49.31299	0	-9999	3
1760.22	1763.57	1402.57	118.7453	235.9101	119.3117	130.3213	0	64.14079	35.85921	35.85921	0	-9999	3
1760.225	1763.575	1402.575	118.8161	227.6528	121.5891	121.4239	0	100	0	0	0	-9999	3
1760.23	1763.58	1402.58	118.6745	194.9162	119.1701	121.7425	0	59.91504	40.08496	40.08496	0	-9999	3
1760.235	1763.585	1402.585	121.6481	186.2272	119.1701	112.9041	2.221631	11.15109	86.62728	86.62728	0	-9999	3
1760.24	1763.59	1402.59	120.4563	165.1454	122.0729	118.2969	0	85.39994	14.60006	14.60006	0	-9999	3
1760.245	1763.595	1402.595	120.3737	148.6309	120.7631	116.7864	0	59.59799	40.40201	40.40201	0	-9999	3

1760.25	1763.6	1402.6	120.5979	164.3935	120.5979	120.6451	0	53.80847	46.19153	46.19153	0	-9999	3
1760.255	1763.605	1402.605	119.3943	173.6116	119.1229	118.4503	0	46.62595	53.37405	53.37405	0	-9999	3
1760.26	1763.61	1402.61	119.2763	139.6495	119.4887	121.4829	0	52.70907	47.29093	47.29093	0	-9999	3
1760.265	1763.615	1402.615	118.9105	155.0083	119.1465	118.7099	0	53.23485	46.76515	46.76515	0	-9999	3
1760.27	1763.62	1402.62	119.1465	158.1831	121.7897	121.8133	0	99.98112	0.018879	0.018879	0	-9999	3
1760.275	1763.625	1402.625	116.7038	128.2035	118.5447	118.6627	0	72.67386	27.32614	27.32614	0	-9999	3
1760.28	1763.63	1402.63	117.1404	136.7672	119.4887	124.8106	0	83.88496	16.11504	16.11504	0	-9999	3
1760.285	1763.635	1402.635	114.981	119.4868	115.1934	117.7776	3.655564	41.43675	54.90769	51.31465	3.59304	-9999	3
1760.29	1763.64	1402.64	114.5798	129.4707	115.6536	114.1668	0	53.852	46.148	46.148	0	-9999	3
1760.295	1763.645	1402.645	114.3084	139.3014	114.8748	110.2137	0	46.43479	53.56521	53.56521	0	-9999	3
1760.3	1763.65	1402.65	114.7686	103.5849	116.1846	115.7362	0	57.80017	42.19983	42.19983	0	-9999	3
1760.305	1763.655	1402.655	117.4	144.4257	117.6478	114.9102	0	49.02158	50.97842	50.97842	0	-9999	3
1760.31	1763.66	1402.66	115.2642	133.9962	112.7625	109.9187	20.91767	5.522679	73.55965	42.62393	30.93572	29.79141	3
1760.315	1763.665	1402.665	114.1668	117.6069	112.3967	108.4673	20.22347	13.2731	66.50342	34.53279	31.97063	29.14711	3
1760.32	1763.67	1402.67	114.4972	143.1725	112.0663	106.4494	18.85395	6.853786	74.29226	46.73337	27.55889	30.21641	3
1760.325	1763.675	1402.675	115.6772	164.3657	113.5178	109.7771	10.53618	12.20963	77.25419	50.97147	26.28272	29.9424	3
1760.33	1763.68	1402.68	114.4854	210.5813	111.6179	103.2043	5.935584	6.025474	88.03894	83.93399	4.104949	-9999	3
1760.335	1763.685	1402.685	115.748	151.1373	115.3822	121.1997	0	36.56707	63.43293	63.43293	0	-9999	3
1760.34	1763.69	1402.69	113.5886	152.669	110.4851	111.5589	22.60447	0	77.39553	42.5869	34.80863	28.74691	3
1760.345	1763.695	1402.695	114.4028	128.6909	111.6887	111.6061	24.64018	2.366199	72.99362	36.68747	36.30615	29.5143	3
1760.35	1763.7	1402.7	115.7598	116.3398	114.2848	107.9834	16.77823	18.36795	64.85382	49.302	15.55182	29.18882	3
1760.355	1763.705	1402.705	112.8923	99.31005	111.5353	106.4376	22.62298	16.17227	61.20476	37.25773	23.94702	28.97353	3
1760.36	1763.71	1402.71	109.9187	104.0305	107.24	105.116	34.45901	0.710325	64.83066	40.4918	24.33886	30.07447	3
1760.365	1763.715	1402.715	108.6443	65.82145	107.948	103.9832	29.51415	17.15759	53.32826	32.52536	20.8029	28.68981	3
1760.37	1763.72	1402.72	107.5586	56.93758	107.5468	107.948	27.35862	22.14803	50.49335	35.25624	15.23712	27.40032	3
1760.375	1763.725	1402.725	106.2252	60.43264	106.5438	105.7178	25.17891	23.7837	51.03739	20.47655	30.56084	27.49441	3
1760.38	1763.73	1402.73	102.9447	62.14537	103.1807	104.0186	28.42262	19.04717	52.5302	26.7682	25.762	27.64122	3
1760.385	1763.735	1402.735	100.8797	86.47159	101.7883	104.5732	19.22276	23.37458	57.40266	38.11613	19.28653	27.06987	3
1760.39	1763.74	1402.74	101.2691	68.91271	101.8237	101.5169	25.85731	20.02615	54.11654	27.88482	26.23173	27.75976	3
1760.395	1763.745	1402.745	99.56987	73.73061	100.3133	98.48425	24.79144	19.74776	55.4608	33.49229	21.96851	28.06939	3
1760.4	1763.75	1402.75	98.35444	90.77429	96.56081	93.32754	41.44722	4.039939	54.51284	21.06789	33.44495	29.80669	3
1760.405	1763.755	1402.755	100.0655	136.2798	97.59923	94.14176	34.07349	3.50689	62.41962	36.2008	26.21882	29.19126	3
1760.41	1763.76	1402.76	99.29846	87.62733	99.28666	96.97382	27.53105	15.31955	57.1494	26.92406	30.22534	28.36026	3
1760.415	1763.765	1402.765	98.00044	78.85485	98.20104	98.24824	29.20204	14.94917	55.84879	36.63963	19.20916	27.9961	3
1760.42	1763.77	1402.77	100.1835	87.76658	99.61707	97.36322	30.98137	12.3581	56.66053	36.62841	20.03211	28.60615	3
1760.425	1763.775	1402.775	97.74083	48.38789	97.32782	97.76443	41.56938	8.951405	49.47921	26.78454	22.69467	29.13071	3
1760.43	1763.78	1402.78	97.08002	62.79982	98.46065	98.67305	24.78896	20.30035	54.91069	36.09675	18.81394	27.75711	3
1760.435	1763.785	1402.785	99.08606	56.2135	100.1363	101.7765	27.09794	20.10937	52.79269	22.36506	30.42762	27.48098	3
1760.44	1763.79	1402.79	100.6673	67.67342	102.1895	101.8827	19.21183	26.42874	54.35943	38.09038	16.26905	27.49668	3
1760.445	1763.795	1402.795	102.1659	90.24515	104.1248	103.9478	8.987012	33.89169	57.1213	38.61137	18.50993	27.61361	3
1760.45	1763.8	1402.8	104.9744	84.55	105.6942	106.06	17.3839	27.32913	55.28697	33.2238	22.06317	27.20351	3
1760.455	1763.805	1402.805	106.296	100.6747	106.5792	103.8534	15.64956	26.2629	58.08754	39.96072	18.12683	27.91574	3
1760.46	1763.81	1402.81	104.939	106.4116	105.9774	102.2367	9.65677	31.65564	58.68759	48.67032	10.01727	28.20776	3
1760.465	1763.815	1402.815	104.3608	76.25096	105.2104	103.9832	18.95083	27.0176	54.03158	26.6024	27.42917	27.47629	3
1760.47	1763.82	1402.82	106.6028	156.2059	108.6207	103.3459	0	47.85357	52.14643	52.14643	0	-9999	3
1760.475	1763.825	1402.825	106.0954	147.6005	106.1426	102.2721	6.307108	26.95761	66.73528	54.52807	12.20721	-9999	3
1760.48	1763.83	1402.83	106.8152	133.7037	107.7238	105.293	2.331898	35.3864	62.2817	61.74544	0.536257	-9999	3
1760.485	1763.835	1402.835	106.473	159.6591	105.8122	102.2839	8.528621	21.68277	69.7886	66.73766	3.05094	29.03511	3
1760.49	1763.84	1402.84	101.7529	89.21474	100.4313	100.1245	35.03996	8.276813	56.68322	37.27435	19.40888	28.7335	3
1760.495	1763.845	1402.845	101.9771	73.03438	101.4697	102.2367	32.43916	13.14989	54.41095	34.95121	19.45974	28.15252	3
1760.5	1763.85	1402.85	101.2101	103.9469	99.62887	95.54599	33.9861	7.249382	58.76452	26.36881	32.39571	29.34305	3
1760.505	1763.855	1402.855	103.8062	148.4638	105.0216	102.6733	0	34.24907	65.75093	65.75093	0	-9999	3
1760.51	1763.86	1402.86	102.7913	125.4743	103.5112	97.42223	9.48862	27.02843	63.48295	61.40875	2.0742	29.06356	3
1760.515	1763.865	1402.865	105.942	90.13376	106.3314	108.7623	17.70308	26.05975	56.23718	36.04579	20.19139	26.87675	3
1760.52	1763.87	1402.87	108.3611	130.8353	106.4494	102.1659	23.4609	9.469929	67.06917	43.72788	23.34129	29.32416	3
1760.525	1763.875	1402.875	105.3284	91.02493	104.1484	101.2101	30.21504	11.58916	58.19581	35.04352	23.15228	28.90385	3
1760.53	1763.88	1402.88	102.8031	71.02924	102.9211	103.1335	27.31752	18.55259	54.12989	25.14924	28.98065	27.75375	3
1760.535	1763.885	1402.885	104.3962	127.5073	103.7	104.7738	18.49442	17.35738	64.1482	36.42381	27.72439	27.73005	3
1760.54	1763.89	1402.89	106.5674	144.1054	104.8682	103.0391	20.25354	11.46059	68.28586	44.00129	24.28457	28.68432	3
1760.545	1763.895	1402.895	105.7178	78.27002	105.4346	103.9596	25.99313	18.83224	55.17463	27.30227	27.87236	28.01342	3
1760.55	1763.9	1402.9	104.2664	78.42319	105.057	105.4464	18.96925	26.50524	54.5255	31.16668	23.35883	27.2172	3
1760.555	1763.905	1402.905	103.7472	50.97786	104.408	106.0482	27.09467	22.79824	50.10709	29.50483	20.60226	27.20034	3
1760.56	1763.91	1402.91	106.1898	76.84972	107.476	110.0721	13.73949	34.19404	52.06647	27.84069	24.22578	26.39965	3
1760.565	1763.915	1402.915	107.948	100.5772	109.5411	111.9129	4.002119	42.53824	53.45964	53.45964	0	-9999	3
1760.57	1763.92	1402.92	108.9747	95.68966	110.4615	111.1459	5.063475	43.28878	51.64775	46.23993	5.407815	-9999	3
1760.575	1763.925	1402.925	113.9898	107.261	115.276	114.8158	0	53.89817	46.10183	46.10183	0	-9999	3
1760.58	1763.93	1402.93	113.6476	102.6519	114.8394	116.4442	1.365835	51.30609	47.32808	47.32808	0	-9999	3
1760.585	1763.935	1402.935	109.7299	83.79808	109.9069	109.2933	17.3976	29.07833	53.52407	42.13614	11.38793	27.06938	3
1760.59	1763.94	1402.94	105.8594	70.44441	105.1868	104.9862	30.77456	14.98533	54.24011	28.36399	25.87611	28.1971	3
1760.595	1763.945	1402.945	102.0597	116.0056	100.1127	97.92964	33.12126	5.891543	60.9872	31.59526	29.39194	29.03253	3
1760.6	1763.95	1402.95	105.1632	208.2977	103.0627	94.02376	9.120267	11.91606	78.96367	73.74572	5.217951	30.60587	3
1760.605	1763.955	1402.955	106.001	195.1668	104.9508	97.42223	3.387928	20.20751	76.40456	76.40456	0	-9999	3
1760.61	1763.96	1402.96	110.8037	178.2067	111.8775	106.1072	0	48.00358	51.99642	51.99642	0	-9999	3

1760.615	1763.965	1402.965	110.2255	79.35614	110.6739	113.5886	15.91319	32.6983	51.3885	26.92921	24.4593	26.12431	3
1760.62	1763.97	1402.97	106.6736	78.53459	107.6884	109.1989	14.99004	32.47984	52.53011	38.04781	14.48231	26.63316	3
1760.625	1763.975	1402.975	110.2019	116.5765	111.8657	117.7894	0	49.70834	50.29166	50.29166	0	-9999	3
1760.63	1763.98	1402.98	111.2521	109.8092	113.8482	117.0106	0	64.33884	35.66116	35.66116	0	-9999	3
1760.635	1763.985	1402.985	113.329	118.331	114.9338	121.1289	0	57.41223	42.58777	42.58777	0	-9999	3
1760.64	1763.99	1402.99	115.4176	114.9473	117.2112	121.0463	0	66.53197	33.46803	33.46803	0	-9999	3
1760.645	1763.995	1402.995	115.8188	93.05792	117.9192	118.4975	0	71.48828	28.51172	28.51172	0	-9999	3
1760.65	1764	1403	118.9931	149.3967	118.9931	120.2557	0	48.88596	51.11404	51.11404	0	-9999	3
1760.655	1764.005	1403.005	118.049	141.8357	117.3764	119.0639	2.283394	35.10823	62.60838	62.60838	0	-9999	3
1760.66	1764.01	1403.01	117.1286	182.6208	117.2466	117.5062	0	48.86129	51.13871	51.13871	0	-9999	3
1760.665	1764.015	1403.015	116.4206	197.4644	116.8336	120.3029	0	52.94291	47.05709	47.05709	0	-9999	3
1760.67	1764.02	1403.02	118.2025	180.0029	117.8248	122.8871	0	42.80655	57.19345	57.19345	0	-9999	3
1760.675	1764.025	1403.025	115.0636	88.75522	115.3822	120.3737	10.19353	41.09058	48.71588	27.2243	21.49158	25.04275	3
1760.68	1764.03	1403.03	113.3998	68.48105	113.5532	112.1489	17.91094	34.05627	48.03279	29.11262	18.92017	26.50225	3
1760.685	1764.035	1403.035	110.8981	76.30666	109.9541	107.8772	26.82369	17.54226	55.63405	25.7875	29.84655	28.24824	3
1760.69	1764.04	1403.04	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1761.01	1764.36	1403.36	120.2793	35.64691	120.5979	123.1704	18.2473	50.34726	31.40545	10.46333	20.94212	23.21151	-9999
1761.015	1764.365	1403.365	122.6039	80.6929	121.8487	121.4357	13.52961	37.87682	48.59357	35.06349	13.53008	25.55057	-9999
1761.02	1764.37	1403.37	120.1849	90.99708	119.7247	119.3943	10.97523	39.31491	49.70986	34.10762	15.60224	25.79759	-9999
1761.025	1764.375	1403.375	121.5183	68.87094	121.8841	122.4269	8.70137	57.12435	34.17428	29.62557	4.548707	23.41756	-9999
1761.03	1764.38	1403.38	124.9758	41.88511	125.5894	125.967	10.13058	72.74629	17.12313	8.24476	8.87837	20.66232	-9999
1761.035	1764.385	1403.385	123.6188	30.32772	123.7604	124.2796	17.83401	56.18079	25.98521	16.49932	9.485884	22.44827	-9999
1761.04	1764.39	1403.39	120.8221	42.81806	121.1171	122.5213	16.19539	51.90798	31.89663	11.27521	20.62142	23.29712	-9999
1761.045	1764.395	1403.395	117.754	66.12779	118.4621	119.4769	10.17624	52.3817	37.44206	30.44475	6.99731	24.16943	7
1761.05	1764.4	1403.4	117.2466	55.37802	117.813	119.1465	14.34193	47.89641	37.76166	21.32061	16.44106	24.31741	7
1761.055	1764.405	1403.405	116.8808	64.12266	117.0696	118.0608	15.48873	41.44465	43.06662	24.91925	18.14737	25.1216	7
1761.06	1764.41	1403.41	116.8572	67.56203	117.2584	117.99	13.03198	45.0348	41.93323	24.5679	17.36532	24.93138	7
1761.065	1764.415	1403.415	115.9368	94.03264	116.574	117.5062	5.643839	48.30183	46.05433	35.10952	10.94481	-9999	7
1761.07	1764.42	1403.42	111.3701	77.10036	111.7595	110.7683	15.8633	33.90302	50.23369	35.5041	14.72959	26.66556	7
1761.075	1764.425	1403.425	110.2019	45.49158	109.6119	109.5765	32.17789	18.62987	49.19224	19.24752	29.94472	27.91955	7
1761.08	1764.43	1403.43	106.6382	70.17984	105.0452	104.054	37.25532	7.433719	55.31096	23.50102	31.80994	29.34548	7
1761.085	1764.435	1403.435	106.8034	90.11983	105.9066	104.2664	26.8822	15.13094	57.98686	41.69751	16.28936	28.34332	7
1761.09	1764.44	1403.44	105.8476	202.7	102.8857	96.313	16.52123	4.815035	78.66373	55.36893	23.2948	30.06986	7
1761.095	1764.445	1403.445	98.83825	118.6234	96.70241	95.42798	36.91473	4.070699	59.01458	36.53558	22.479	28.92099	7
1761.1	1764.45	1403.45	97.42223	63.00869	97.18622	97.11542	36.95249	10.76494	52.28258	26.88486	25.39772	28.64147	7
1761.105	1764.455	1403.455	103.4167	133.3556	102.9211	98.51965	16.42551	18.52516	65.04933	47.03298	18.01635	28.73742	7
1761.11	1764.46	1403.46	113.9544	216.2486	115.0518	118.3205	0	58.41538	41.58462	41.58462	0	-9999	7
1761.115	1764.465	1403.465	112.5619	216.1511	114.2612	116.3734	0	63.16343	36.83657	36.83657	0	-9999	7
1761.12	1764.47	1403.47	104.8328	150.3715	103.9478	104.3136	14.02284	17.69616	68.28099	40.88017	27.40082	28.07868	7
1761.125	1764.475	1403.475	107.122	72.29638	106.6264	107.8536	27.79299	17.97035	54.23665	34.05574	20.18092	27.6068	7
1761.13	1764.48	1403.48	105.883	72.4217	105.0334	106.1662	31.64612	13.5826	54.77127	37.27911	17.49216	28.09024	7
1761.135	1764.485	1403.485	105.5526	71.02924	104.5968	104.2664	33.11014	12.30226	54.5876	29.94639	24.64122	28.52598	7
1761.14	1764.49	1403.49	102.8267	53.23364	102.4609	101.4461	35.35187	13.6043	51.04383	25.38721	25.65662	28.67846	7
1761.145	1764.495	1403.495	99.10966	69.20512	98.92086	99.54627	33.5347	12.76501	53.70029	35.22557	18.47472	28.20838	7
1761.15	1764.5	1403.5	98.56685	47.81698	98.35444	96.78501	39.39292	10.74224	49.86484	19.55956	30.30528	29.21971	7
1761.155	1764.505	1403.505	100.1717	42.42817	99.67607	99.64067	41.41541	9.762965	48.82162	25.89027	22.93135	29.24684	7
1761.16	1764.51	1403.51	100.5257	35.80008	99.81767	98.54325	44.33986	8.140192	47.51995	22.47203	25.04792	29.94252	7
1761.165	1764.515	1403.515	99.47547	51.78548	98.76745	98.23644	41.4376	8.517155	50.04525	35.64554	14.39971	29.34819	7
1761.17	1764.52	1403.52	98.07124	76.30666	98.28364	103.0627	29.66212	14.91343	55.42446	33.20574	22.21872	27.14043	7
1761.175	1764.525	1403.525	97.79983	84.43861	98.47245	102.0243	24.37725	18.09425	57.5285	25.50183	32.02667	27.13809	7
1761.18	1764.53	1403.53	97.17442	61.63016	96.79681	96.3956	38.6115	9.668406	51.7201	31.30942	20.41068	28.88034	7
1761.185	1764.535	1403.535	97.38682	65.2227	96.49001	94.68457	41.57057	7.04864	51.38079	20.51689	30.8639	29.51403	7
1761.19	1764.54	1403.54	98.60225	90.89961	98.20104	96.44281	30.39759	12.49671	57.1057	29.30354	27.80217	28.42602	7
1761.195	1764.545	1403.545	98.76745	84.84242	99.62887	102.0361	21.92609	20.38905	57.68486	28.67173	29.01313	27.26349	7
1761.2	1764.55	1403.55	96.136	56.42237	96.80861	99.93568	32.68791	14.57514	52.73695	26.16876	26.56819	27.65888	7
1761.205	1764.555	1403.555	95.73479	57.35531	95.85279	98.92086	37.12949	11.15186	51.71865	26.59426	25.12438	28.05608	7
1761.21	1764.56	1403.56	96.254	72.83944	96.86761	96.57261	29.06368	15.45018	55.48614	38.25492	17.23122	28.05038	7
1761.215	1764.565	1403.565	94.64917	75.05345	93.23314	89.96447	45.73406	3.795598	50.47035	16.82319	33.64715	30.15274	7
1761.22	1764.57	1403.57	91.71091	88.059	89.52786	84.08795	51.23429	0.59869	48.16702	19.97777	28.18926	31.03805	7
1761.225	1764.575	1403.575	90.70789	127.8833	86.80201	81.97571	55.87156	0	44.12844	19.63356	24.49487	26.74026	7
1761.23	1764.58	1403.58	91.95871	132.4505	88.56024	82.61292	49.6831	0	50.3169	25.30569	25.01122	28.79638	7
1761.235	1764.585	1403.585	93.88215	142.2674	91.88791	85.59838	34.65509	5.41547	59.92944	29.06757	30.86187	29.06845	7
1761.24	1764.59	1403.59	97.82343	101.8165	98.30724	100.0065	21.61333	18.10395	60.28272	46.81046	13.47226	27.45793	7
1761.245	1764.595	1403.595	99.84128	90.48187	98.40165	96.91482	37.40654	6.683251	55.91021	34.142	21.7682	29.09074	7
1761.25	1764.6	1403.6	97.76443	81.63977	96.1124	95.01498	43.10316	4.042891	52.85395	30.78165	22.07229	29.59529	7
1761.255	1764.605	1403.605	95.92359	97.15174	94.49577	93.42194	39.30525	5.668938	55.02581	28.94326	26.08255	28.92812	7
1761.26	1764.61	1403.61	96.0062	83.68668	94.66097	94.24796	41.84764	5.219451	52.93291	30.68692	22.246	29.15992	7
1761.265	1764.615	1403.615	95.58139	78.50674	94.68457	94.17716	40.01684	7.02637	52.95679	31.9336	21.0232	28.95325	7
1761.27	1764.62	1403.62	96.92662	81.05494	95.46339	93.53995	42.55225	4.755747	52.692	30.17246	22.51954	29.6062	7
1761.275	1764.625	1403.625	97.11542	69.51147	96.95022	96.4074	35.11237	11.39632	53.49131	33.74736	19.74395	28.53487	7
1761.28	1764.63	1403.63	98.31904	81.80686	98.11844	95.33358	31.3039	12.91866	55.77744	24.179	31.59844	28.66001	7
1761.285	1764.635	1403.635	99.97108	85.42725	98.87366	96.86761	35.85824	8.582672	55.55909	21.87929	33.6798	29.00659	7
1761.29	1764.64	1403.64	97.75263	75.13699	96.60801	94.38956	40.75526	6.480753	52.76399	30.40414	22.35985	29.49168	7

1761.295	1764.645	1403.645	95.88819	66.48983	95.19198	93.74055	41.08798	7.43476	51.47726	30.58818	20.88908	29.31032	7
1761.3	1764.65	1403.65	94.35416	59.65287	94.25976	91.2861	39.48979	9.195993	51.31422	30.4474	20.86681	29.37988	7
1761.305	1764.655	1403.655	92.96173	36.69125	92.94993	93.92935	45.68737	7.155117	47.15751	16.17757	30.97994	29.50533	7
1761.31	1764.66	1403.66	91.4985	33.3215	91.95871	92.27732	44.19095	8.158927	47.65012	25.85155	21.79858	29.42043	7
1761.315	1764.665	1403.665	93.13874	32.16576	93.41014	94.04736	44.42485	8.340256	47.23489	17.94768	29.28721	29.42313	7
1761.32	1764.67	1403.67	92.56053	38.87741	92.41892	90.41288	46.53341	6.443645	47.02295	24.92701	22.09594	30.15219	7
1761.325	1764.675	1403.675	93.89395	71.92042	93.82315	93.50454	36.76153	9.842461	53.39601	26.99188	26.40412	28.55829	7
1761.33	1764.68	1403.68	96.0888	56.53376	95.55779	92.90273	42.03247	7.770608	50.19692	20.62529	29.57163	29.68917	7
1761.335	1764.685	1403.685	96.95022	57.75913	96.3366	96.195	41.58359	7.909979	50.50643	33.96022	16.54621	29.19711	7
1761.34	1764.69	1403.69	98.18924	53.01085	97.62283	97.39863	41.22696	8.642284	50.13075	35.4091	14.72165	29.21311	7
1761.345	1764.695	1403.695	96.1124	60.25162	95.72299	95.43978	40.01361	8.811831	51.17456	34.92496	16.2496	28.99032	7
1761.35	1764.7	1403.7	96.2776	66.05817	96.60801	97.90604	32.87788	13.37446	53.74767	38.65206	15.09561	28.00029	7
1761.355	1764.705	1403.705	96.65521	69.2469	96.44281	91.3805	35.96559	10.77451	53.2599	37.57461	15.68529	29.43874	7
1761.36	1764.71	1403.71	96.254	47.46887	95.82919	96.77321	43.25112	7.843614	48.90527	16.64514	32.26012	29.2184	7
1761.365	1764.715	1403.715	95.48699	71.30774	94.22436	91.1091	44.68085	4.610554	50.70859	35.03141	15.67719	30.05138	7
1761.37	1764.72	1403.72	95.47519	52.45386	94.82617	95.61679	44.49885	6.511553	48.9896	27.72598	21.26362	29.37974	7
1761.375	1764.725	1403.725	96.96202	58.14901	96.1124	96.74961	43.30742	6.61185	50.08073	20.77848	29.30225	29.29138	7
1761.38	1764.73	1403.73	96.2894	82.09928	95.71119	94.57837	36.02687	9.357003	54.61613	21.14567	33.47046	28.6835	7
1761.385	1764.735	1403.735	94.46036	78.84093	93.64615	92.17112	40.32714	6.927408	52.74545	21.52581	31.21964	29.10428	7
1761.39	1764.74	1403.74	96.2304	128.5934	94.84977	89.79927	31.04829	8.14943	60.80228	34.18697	26.61531	28.90824	7
1761.395	1764.745	1403.745	95.35718	139.009	95.08578	87.30942	20.73461	14.28255	64.98284	36.24805	28.73479	29.15317	7
1761.4	1764.75	1403.75	96.3484	105.2837	95.88819	94.27156	29.44744	11.6094	58.94316	39.65964	19.28352	28.26789	7
1761.405	1764.755	1403.755	94.07096	99.82526	92.85553	90.51908	38.71655	6.227208	55.05624	36.25358	18.80267	28.95644	7
1761.41	1764.76	1403.76	92.77293	98.97586	90.94389	89.18566	44.87179	3.000234	52.12798	32.65931	19.46867	29.43161	7
1761.415	1764.765	1403.765	93.82315	154.6602	91.74631	85.89339	32.35046	5.867556	61.78199	36.50203	25.27996	28.7662	7
1761.42	1764.77	1403.77	93.78775	135.7646	92.53693	90.33028	30.55414	8.381616	61.06424	40.99199	20.07226	28.15255	7
1761.425	1764.775	1403.775	97.68183	74.56609	97.48123	94.59017	33.6424	11.94709	54.41051	34.72636	19.68415	28.84701	7
1761.43	1764.78	1403.78	98.80285	53.84632	97.84703	95.78199	43.47817	6.70038	49.82145	32.55257	17.26888	29.91164	7
1761.435	1764.785	1403.785	97.76443	102.1367	96.3484	93.88215	36.31386	6.757972	56.92817	30.56484	26.36333	29.00138	7
1761.44	1764.79	1403.79	99.09786	74.1205	98.00044	96.2422	39.39783	7.357377	53.24479	22.52466	30.72013	29.31128	7
1761.445	1764.795	1403.795	98.68485	86.84756	97.76443	96.56081	35.32607	9.078327	55.5956	30.63288	24.96272	28.73377	7
1761.45	1764.8	1403.8	100.0183	57.94015	99.41647	98.67305	38.62571	9.99165	51.38264	28.7557	22.62694	29.02717	7
1761.455	1764.805	1403.805	99.55807	50.18416	98.87366	98.75565	41.56622	8.614835	49.81895	30.92683	18.89211	29.2877	7
1761.46	1764.81	1403.81	98.35444	37.05329	98.09484	98.53145	42.55896	9.55912	47.88192	35.06536	12.81657	29.27312	7
1761.465	1764.815	1403.815	96.97382	35.89755	97.10362	97.87063	41.09091	10.74957	48.15952	25.89194	22.26758	28.98163	7
1761.47	1764.82	1403.82	97.79983	51.3399	97.76443	98.92086	37.87425	11.4698	50.65594	19.64696	31.00898	28.51768	7
1761.475	1764.825	1403.825	98.70845	40.95217	98.79105	99.13326	38.63764	12.26696	49.0954	18.62399	30.47141	28.75264	7
1761.48	1764.83	1403.83	101.6467	93.5035	99.99468	96.98562	36.66044	6.243119	57.09644	22.48763	34.60881	29.43195	7
1761.485	1764.835	1403.835	103.3577	118.4563	102.1069	101.4697	25.93834	11.64235	62.41932	40.50486	21.91445	28.25864	7
1761.49	1764.84	1403.84	100.4431	172.8179	97.52843	97.23342	28.35905	3.287168	68.35378	46.75606	21.59772	28.26508	7
1761.495	1764.845	1403.845	101.5877	115.0448	100.1717	99.73507	29.67269	9.285827	61.04149	32.37044	28.67104	28.34889	7
1761.5	1764.85	1403.85	103.818	112.5384	102.4727	102.6025	27.6787	10.78455	61.53675	32.27429	29.26246	28.22403	7
1761.505	1764.855	1403.855	105.8712	125.6832	104.3608	101.7175	23.88901	11.47608	64.63491	33.19936	31.43555	28.73967	7
1761.51	1764.86	1403.86	106.7208	114.6828	105.1278	102.8149	26.40962	10.48194	63.10844	35.49818	27.61026	28.80462	7
1761.515	1764.865	1403.865	108.007	170.3393	104.6794	99.38107	25.20084	0	74.79916	37.21	37.58916	29.34402	7
1761.52	1764.87	1403.87	106.4376	131.0302	103.3223	100.7027	34.51138	0	65.48862	21.27348	44.21514	28.19972	7
1761.525	1764.875	1403.875	102.6733	103.9191	100.9859	100.0301	33.46973	7.110374	59.41989	28.77769	30.6422	28.82405	7
1761.53	1764.88	1403.88	99.87668	89.21474	98.77925	98.22464	35.02852	8.787394	56.18409	20.48768	35.69641	28.65143	7
1761.535	1764.885	1403.885	100.9623	94.06049	99.78227	98.57865	33.49724	9.157236	57.34553	24.60141	32.74412	28.69456	7
1761.54	1764.89	1403.89	103.3577	152.1956	100.5021	94.21256	30.2109	2.247391	67.54171	37.41723	30.12448	29.86177	7
1761.545	1764.895	1403.895	103.0391	135.695	101.7057	100.4313	22.69987	12.00783	65.2923	31.15257	34.13973	28.31972	7
1761.55	1764.9	1403.9	103.582	122.8147	103.1925	104.1366	18.00135	18.80543	63.19322	43.3313	19.86192	27.66232	7
1761.555	1764.905	1403.905	107.1574	131.0302	107.0984	104.3372	10.16311	26.16778	63.66911	50.94091	12.7282	28.34742	7
1761.56	1764.91	1403.91	107.3344	195.5288	106.237	100.7027	2.439369	20.82871	76.73192	76.73192	0	-9999	7
1761.565	1764.915	1403.915	109.3051	234.5176	108.6089	106.0836	0	29.24044	70.75956	70.75956	0	-9999	7
1761.57	1764.92	1403.92	108.4791	248.303	107.4288	97.69363	0	25.77724	74.22276	74.22276	0	-9999	7
1761.575	1764.925	1403.925	108.007	193.7326	108.1958	101.8001	0	34.02654	65.97346	65.97346	0	-9999	10
1761.58	1764.93	1403.93	109.5883	167.7215	110.5087	112.2669	0	42.92891	57.07109	57.07109	0	-9999	10
1761.585	1764.935	1403.935	109.8951	165.8695	110.8981	115.1226	0	44.38452	55.61548	55.61548	0	-9999	10
1761.59	1764.94	1403.94	110.7211	169.281	112.7625	114.4264	0	59.40025	40.59975	40.59975	0	-9999	10
1761.595	1764.945	1403.945	110.4851	161.6225	112.4439	115.8778	0	57.1762	42.8238	42.8238	0	-9999	10
1761.6	1764.95	1403.95	110.6267	105.8964	111.5943	114.568	5.097462	41.43996	53.46258	53.46258	0	-9999	10
1761.605	1764.955	1403.955	108.9983	61.32382	109.2697	109.2933	22.77784	27.45249	49.76967	25.89054	23.87913	26.9347	10
1761.61	1764.96	1403.96	108.184	59.63894	107.9362	108.4673	27.95854	20.76099	51.28046	22.04589	29.23458	27.48937	10
1761.615	1764.965	1403.965	106.4258	54.59825	106.6972	109.3641	26.77208	23.2192	50.00872	27.59674	22.41198	26.89452	10
1761.62	1764.97	1403.97	107.6294	66.83795	107.6058	110.6149	24.98904	22.79198	52.21898	23.78203	28.43695	26.82882	10
1761.625	1764.975	1403.975	112.1371	94.53392	111.7595	112.7979	16.88309	26.92499	56.19192	31.05119	25.14073	26.93245	10
1761.63	1764.98	1403.98	118.4857	99.61639	117.5298	115.0518	14.29363	28.33065	57.37572	49.46056	7.915169	27.37739	10
1761.635	1764.985	1403.985	123.9846	86.84756	124.3032	125.9198	2.447884	65.18932	32.3628	32.3628	0	-9999	10
1761.64	1764.99	1403.99	125.79	97.59733	126.0142	125.377	0	69.90853	30.09147	30.09147	0	-9999	10
1761.645	1764.995	1403.995	128.0911	127.1592	128.3979	128.7873	0	82.92313	17.07687	17.07687	0	-9999	10
1761.65	1765	1404	127.4538	219.5766	128.4923	126.8284	0	100	0	0	0	-9999	10
1761.655	1765.005	1404.005	128.2799	190.0008	129.6369	129.7667	0	100	0	0	0	-9999	10

1761.66	1765.01	1404.01	130.2151	158.6009	129.5779	129.7431	0	65.37577	34.62423	34.62423	0	-9999	10
1761.665	1765.015	1404.015	134.3688	179.4877	133.5074	134.5104	0	73.04852	26.95148	26.95148	0	-9999	10
1761.67	1765.02	1404.02	136.245	222.2779	137.9561	145.3076	0	100	0	0	0	-9999	10
1761.675	1765.025	1404.025	138.5933	217.46	139.2423	142.9004	0	100	0	0	0	-9999	10
1761.68	1765.03	1404.03	143.9506	191.5325	144.4108	144.6114	0	100	0	0	0	-9999	10
1761.685	1765.035	1404.035	143.927	270.3456	145.4492	145.3666	0	100	0	0	0	-9999	10
1761.69	1765.04	1404.04	138.6405	236.1329	139.5255	142.0507	0	100	0	0	0	-9999	10
1761.695	1765.045	1404.045	132.1267	249.0828	135.0414	137.8971	0	100	0	0	0	-9999	10
1761.7	1765.05	1404.05	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1762.04	1765.394	1404.394	76.46499	58.37181	75.55638	73.19633	62.56802	0	37.43198	15.82087	21.61111	31.25656	9
1762.045	1765.4	1404.4	81.7633	90.4401	81.8105	80.92549	42.52545	5.508956	51.96559	27.04398	24.92162	28.44116	9
1762.05	1765.405	1404.405	79.66286	107.0382	79.93427	80.87829	38.70353	6.448056	54.84841	33.17187	21.67654	27.48569	9
1762.055	1765.411	1404.411	80.70128	144.1611	79.73366	82.16451	38.36689	6.177893	55.45522	19.61766	35.83755	26.57556	9
1762.06	1765.416	1404.416	81.3857	176.7307	78.09343	75.99299	47.87141	2.915102	49.21349	32.83194	16.38154	27.53652	9
1762.065	1765.422	1404.422	79.67466	68.62029	78.94305	80.45348	55.76322	1.414078	42.8227	23.49802	19.32469	29.82008	9
1762.07	1765.427	1404.427	74.50615	42.02436	74.52975	74.93096	61.10154	0	38.89846	9.283329	29.61513	31.08651	9
1762.075	1765.433	1404.433	73.18453	27.44533	73.55033	73.84534	63.19346	0	36.80654	19.51262	17.29393	30.78424	9
1762.08	1765.438	1404.438	73.85714	32.4164	73.89254	74.21115	63.9323	0	36.0677	7.433052	28.63464	30.72443	9
1762.085	1765.444	1404.444	73.86894	34.63041	73.84534	73.99874	63.84292	0	36.15708	21.43872	14.71836	30.74976	9
1762.09	1765.449	1404.449	75.39117	39.16982	74.88376	74.69496	65.09345	0	34.90655	23.62848	11.27806	30.70704	9
1762.095	1765.455	1404.455	75.50918	29.28338	75.29677	74.35275	65.09112	0	34.90888	21.00374	13.90514	30.97598	9
1762.1	1765.46	1404.46	79.19085	39.53186	79.06105	78.83684	58.58368	0.753884	40.66244	24.97435	15.68809	31.13427	9
1762.105	1765.466	1404.466	79.99327	42.13576	79.89887	79.89887	56.94096	1.266956	41.79209	12.68016	29.11193	30.80213	9
1762.11	1765.471	1404.471	76.8662	45.96501	76.8308	77.53882	58.43392	0.721784	40.8443	27.84759	12.99671	30.68405	9
1762.115	1765.477	1404.477	75.50918	43.26365	76.583	78.25863	51.73964	2.450232	45.81013	17.17663	28.6335	29.50425	9
1762.12	1765.482	1404.482	73.27893	38.22295	73.71554	73.65654	59.94971	0.130352	39.91994	10.04364	29.87629	31.05866	9
1762.125	1765.488	1404.488	73.12553	32.62527	73.17273	73.24353	64.46339	0	35.53661	24.25557	11.28103	30.63272	9
1762.13	1765.493	1404.493	76.16999	45.35233	76.22899	76.42959	58.49109	0.683648	40.82527	28.37958	12.44568	30.76175	9
1762.135	1765.499	1404.499	76.08739	43.19402	75.94578	76.99601	60.64407	0.102241	39.25369	24.32605	14.92763	31.02674	9
1762.14	1765.504	1404.504	75.07257	34.63041	75.66258	77.33821	57.98009	0.71692	41.30299	26.7543	14.54869	30.56898	9
1762.145	1765.51	1404.51	73.93974	22.11222	73.95154	74.21115	66.53283	0	33.46717	21.56689	11.90028	30.51648	9
1762.15	1765.515	1404.515	75.81598	42.12183	75.20237	74.50615	64.81131	0	35.18869	7.410493	27.7782	30.81818	9
1762.155	1765.521	1404.521	75.59178	29.13021	75.70978	76.45319	62.49154	0	37.50846	25.0606	12.44787	31.07141	9
1762.16	1765.526	1404.526	74.34095	27.79345	74.48255	74.45895	63.78289	0	36.21711	16.25091	19.9662	30.89856	9
1762.165	1765.532	1404.532	74.94276	40.64583	74.06955	73.45593	67.98381	0	32.01619	17.32015	14.69605	30.41666	9
1762.17	1765.537	1404.537	75.94578	28.03016	75.78058	75.15517	64.62691	0	35.37309	17.83665	17.53644	31.03479	9
1762.175	1765.543	1404.543	77.31461	23.63	77.03141	77.03141	65.34694	0	34.65306	6.935091	27.71797	30.97841	9
1762.18	1765.548	1404.548	74.32915	23.54645	74.43535	74.89556	65.09587	0	34.90413	8.998208	25.90592	30.6764	9
1762.185	1765.554	1404.554	74.21115	28.21118	74.45895	75.17877	62.97815	0	37.02185	13.3593	23.66255	30.85477	9
1762.19	1765.559	1404.559	74.41175	42.13576	74.87196	75.46197	57.77771	0.763656	41.45863	18.61411	22.84453	30.54562	9
1762.195	1765.565	1404.565	75.89858	61.7694	76.35879	78.30583	51.65848	2.545762	45.79575	15.80188	29.99387	29.0836	9
1762.2	1765.571	1404.571	74.32915	65.44549	74.45895	75.94578	54.7734	1.679803	43.5468	25.68451	17.86229	29.42254	9
1762.205	1765.576	1404.576	74.01054	78.29787	73.47953	73.58574	57.07755	1.2489	41.67355	19.61736	22.05619	29.72074	9
1762.21	1765.582	1404.582	74.31735	86.10956	74.64776	74.17575	48.22887	3.454288	48.31684	24.85652	23.46032	28.56415	9
1762.215	1765.587	1404.587	80.90189	176.0205	80.08767	79.04925	29.28348	8.757882	61.95864	44.23994	17.7187	26.55142	9
1762.22	1765.593	1404.593	93.78775	198.2024	92.87913	90.82589	12.79209	14.21513	72.99278	45.87566	27.11712	28.14279	10
1762.225	1765.598	1404.598	101.5877	197.2973	101.3989	99.59347	0.256597	23.53408	76.20933	76.20933	0	-9999	10
1762.23	1765.604	1404.604	104.9862	175.4635	104.9744	105.765	1.041989	26.9737	71.98431	71.98431	0	-9999	10
1762.235	1765.609	1404.609	109.8479	211.2915	111.5707	116.5504	0	55.94293	44.05707	44.05707	0	-9999	10
1762.24	1765.615	1404.615	109.2343	198.1049	111.3347	116.7864	0	58.04295	41.95705	41.95705	0	-9999	10
1762.245	1765.62	1404.62	106.2724	207.7407	108.2194	109.7063	0	49.86104	50.13896	50.13896	0	-9999	10
1762.25	1765.626	1404.626	105.5762	217.8082	108.6679	112.9749	0	60.7304	39.2696	39.2696	0	-9999	10
1762.255	1765.631	1404.631	99.81767	241.2989	99.15686	90.82589	0	21.84194	78.15806	78.15806	0	-9999	10
1762.26	1765.637	1404.637	95.89999	188.0514	92.83193	86.33	30.04107	3.659197	66.29974	27.91307	38.38666	28.79585	10
1762.265	1765.642	1404.642	92.85553	78.40927	92.33632	91.3333	39.62175	7.517497	52.86075	24.17068	28.69007	28.86213	10
1762.27	1765.648	1404.648	92.65493	69.76211	92.53693	92.97353	38.78956	8.694918	52.51553	20.0285	32.48702	28.56842	10
1762.275	1765.653	1404.653	98.22464	101.2873	97.49303	97.03282	30.79181	10.92717	58.28102	31.2965	26.98452	28.19929	10
1762.28	1765.659	1404.659	109.9423	89.71602	109.8007	108.1486	18.23925	26.24201	55.51874	38.29326	17.22548	27.47501	10
1762.285	1765.664	1404.664	117.577	77.85228	118.6037	120.2203	5.032557	58.13871	36.82873	36.64164	0.187092	-9999	10
1762.29	1765.67	1404.67	120.0197	85.78929	120.7867	121.5301	2.876505	61.55082	35.57268	35.57268	0	-9999	10
1762.295	1765.675	1404.675	117.5298	95.39725	118.4503	118.2497	1.653168	57.35468	40.99215	40.99215	0	-9999	10
1762.3	1765.681	1404.681	120.1377	98.44673	121.5183	123.2648	0	74.85504	25.14496	25.14496	0	-9999	10
1762.305	1765.686	1404.686	120.2911	103.8355	121.2233	123.607	0	66.87878	33.12122	33.12122	0	-9999	10
1762.31	1765.692	1404.692	120.5625	102.2481	121.4121	122.0139	0	66.05405	33.94595	33.94595	0	-9999	10
1762.315	1765.697	1404.697	121.8369	130.0694	121.9667	121.7897	0	57.37602	42.62398	42.62398	0	-9999	10
1762.32	1765.703	1404.703	121.4711	102.8887	121.7543	122.7101	1.152668	57.60474	41.24259	41.24259	0	-9999	10
1762.325	1765.708	1404.708	120.0315	124.6388	120.7277	121.8723	0	62.84875	37.15125	37.15125	0	-9999	10
1762.33	1765.714	1404.714	120.7395	117.3563	121.4947	122.7101	0	65.78262	34.21738	34.21738	0	-9999	10
1762.335	1765.719	1404.719	120.6451	99.90881	120.7395	117.9192	4.096959	51.38523	44.51781	44.51781	0	-9999	10
1762.34	1765.725	1404.725	123.7132	114.0701	123.9964	123.253	0	65.31814	34.68186	34.68186	0	-9999	10
1762.345	1765.73	1404.73	121.3767	116.5347	121.4829	121.0463	0	54.70405	45.29595	45.29595	0	-9999	10
1762.35	1765.736	1404.736	120.1141	130.8214	120.2321	119.1583	0	52.53442	47.46558	47.46558	0	-9999	10
1762.355	1765.741	1404.741	121.0581	126.2959	121.4003	121.7307	0	59.15586	40.84414	40.84414	0	-9999	10

1762.36	1765.747	1404.747	122.1673	123.8173	122.6747	122.4269	0	65.81463	34.18537	34.18537	0	-9999	10
1762.365	1765.752	1404.752	119.6067	116.6461	120.1849	119.4415	0	58.78516	41.21484	41.21484	0	-9999	10
1762.37	1765.758	1404.758	118.5565	114.7663	118.7217	117.9192	1.87428	48.39568	49.73004	49.73004	0	-9999	10
1762.375	1765.763	1404.763	118.3087	124.3325	118.5565	117.7658	0	49.86247	50.13753	50.13753	0	-9999	10
1762.38	1765.769	1404.769	118.1789	158.0439	118.6273	119.7129	0	55.26888	44.73112	44.73112	0	-9999	10
1762.385	1765.775	1404.775	121.0345	200.9594	121.4947	122.4269	0	66.47423	33.52577	33.52577	0	-9999	10
1762.39	1765.78	1404.78	121.2233	155.0919	121.6599	123.0996	0	63.48077	36.51923	36.51923	0	-9999	10
1762.395	1765.786	1404.786	122.5449	187.1045	123.253	120.9637	0	75.68301	24.31699	24.31699	0	-9999	10
1762.4	1765.791	1404.791	119.0875	155.3008	119.9961	121.9431	0	65.95147	34.04853	34.04853	0	-9999	10
1762.405	1765.797	1404.797	117.105	146.9739	117.5652	119.9253	0	51.96534	48.03466	48.03466	0	-9999	10
1762.41	1765.802	1404.802	119.8781	113.5827	120.4091	122.0139	0	58.49012	41.50988	41.50988	0	-9999	10
1762.415	1765.808	1404.808	121.5065	145.3029	121.5537	123.3238	0	55.82042	44.17958	44.17958	0	-9999	10
1762.42	1765.813	1404.813	120.9991	190.7109	122.4859	127.4066	0	86.65798	13.34202	13.34202	0	-9999	10
1762.425	1765.819	1404.819	123.607	156.4286	123.725	128.4215	0	64.12915	35.87085	35.87085	0	-9999	10
1762.43	1765.824	1404.824	125.7428	120.9071	126.085	128.8817	0	74.26722	25.73278	25.73278	0	-9999	10
1762.435	1765.83	1404.83	124.5628	140.0673	125.2472	129.0469	0	79.48238	20.51762	20.51762	0	-9999	10
1762.44	1765.835	1404.835	124.4566	177.2737	125.5894	127.3594	0	92.43901	7.56099	7.56099	0	-9999	10
1762.445	1765.841	1404.841	125.3888	141.1534	126.0378	128.1147	0	81.95845	18.04155	18.04155	0	-9999	10
1762.45	1765.846	1404.846	125.2708	115.9917	124.7398	128.1265	0.796212	51.25906	47.94472	47.94472	0	-9999	10
1762.455	1765.852	1404.852	124.3504	120.4615	124.0672	125.613	0	54.83638	45.16362	45.16362	0	-9999	10
1762.46	1765.857	1404.857	124.2914	134.2468	124.02	128.5159	0	55.87282	44.12718	44.12718	0	-9999	10
1762.465	1765.863	1404.863	125.1764	133.1607	124.6336	128.4569	0	51.90023	48.09977	48.09977	0	-9999	10
1762.47	1765.868	1404.868	126.203	119.8766	125.6248	129.0705	0	52.81596	47.18404	47.18404	0	-9999	10
1762.475	1765.874	1404.874	126.4744	128.4263	125.9434	126.5452	0	55.28853	44.71147	44.71147	0	-9999	10
1762.48	1765.879	1404.879	125.3416	130.4315	124.5038	120.4445	0	45.24517	54.75483	54.75483	0	-9999	10
1762.485	1765.885	1404.885	124.551	144.6763	123.725	124.02	0	44.74734	55.25266	55.25266	0	-9999	10
1762.49	1765.89	1404.89	124.0908	124.9452	123.9374	122.4741	0	57.35065	42.64935	42.64935	0	-9999	10
1762.495	1765.896	1404.896	120.3619	98.72522	120.0197	117.7658	8.027656	42.38337	49.58897	38.88627	10.7027	26.07153	10
1762.5	1765.901	1404.901	118.6391	99.83918	118.0608	117.1522	11.17212	34.86029	53.96759	48.11941	5.848178	26.54658	10
1762.505	1765.907	1404.907	116.5032	111.7865	116.7864	116.3498	3.56987	45.30323	51.1269	51.1269	0	-9999	10
1762.51	1765.912	1404.912	116.1846	118.0664	115.8424	117.3528	7.190181	35.44803	57.36179	51.90204	5.459752	-9999	10
1762.515	1765.918	1404.918	116.5622	113.0675	116.3026	114.1668	7.412358	37.05559	55.53205	48.18848	7.343576	-9999	10
1762.52	1765.923	1404.923	114.5798	87.16782	115.0282	115.5356	10.01682	41.82184	48.16134	27.6179	20.54344	25.81947	10
1762.525	1765.929	1404.929	113.8836	65.77968	114.3084	115.4766	16.01617	38.54597	45.43786	24.87065	20.56721	25.58805	10
1762.53	1765.934	1404.934	113.0103	68.57852	113.7892	112.8451	13.39866	41.69914	44.90221	22.8461	22.05611	25.8776	10
1762.535	1765.94	1404.94	112.2551	77.14213	112.4911	111.4173	16.22785	33.60729	50.16487	37.30175	12.86312	26.63208	10
1762.54	1765.945	1404.945	110.2255	80.4701	110.2137	109.6001	19.21024	27.48863	53.30114	33.42069	19.88045	27.1058	10
1762.545	1765.951	1404.951	111.6179	100.3265	110.7329	108.5381	19.89138	20.59726	59.51136	39.18798	20.32338	28.04055	10
1762.55	1765.956	1404.956	113.6004	137.0456	112.5029	108.7033	10.82765	22.63198	66.54037	44.80652	21.73385	28.74285	10
1762.555	1765.962	1404.962	112.9749	79.98274	113.3172	113.0103	14.05512	36.53721	49.40767	42.21073	7.196946	26.28839	10
1762.56	1765.967	1404.967	117.0342	125.3072	117.1876	118.049	0.815286	45.35195	53.83277	53.83277	0	-9999	10
1762.565	1765.973	1404.973	114.3674	140.8749	114.8276	119.9253	0	45.15157	54.84843	54.84843	0	-9999	10
1762.57	1765.978	1404.978	111.0869	98.29356	110.5323	110.2137	18.31124	23.66789	58.02087	46.88364	11.13722	27.45641	10
1762.575	1765.984	1404.984	108.4909	76.613	108.4673	108.0542	21.83097	24.60844	53.56058	31.37956	22.18102	27.30512	10
1762.58	1765.99	1404.99	109.3169	65.69613	109.6945	108.8095	20.60356	29.42204	49.9744	29.91788	20.05652	26.94429	10
1762.585	1765.995	1404.995	110.7211	67.28353	111.2049	112.3613	18.10445	33.19204	48.70351	29.76763	18.93588	26.22929	10
1762.59	1766.001	1405.001	110.4733	68.82916	110.5795	110.4851	20.88485	28.43786	50.67729	20.39214	30.28515	26.84446	10
1762.595	1766.006	1405.006	109.6945	68.35573	110.1665	112.5855	18.88092	31.2969	49.82218	35.25952	14.56266	26.19952	10
1762.6	1766.012	1405.012	110.6503	78.18647	111.1105	112.8451	15.71398	33.51811	50.76791	32.10264	18.66527	26.23328	10
1762.605	1766.017	1405.017	109.3169	75.84715	109.6591	108.8213	18.42137	29.71601	51.86263	28.47748	23.38514	26.99287	10
1762.61	1766.023	1405.023	107.594	75.875	107.8654	108.7387	20.54835	26.31156	53.1401	26.20804	26.93205	26.96925	10
1762.615	1766.028	1405.028	107.9716	82.37777	108.302	108.5499	18.17002	27.91468	53.9153	41.79781	12.11749	27.02069	10
1762.62	1766.034	1405.034	109.5293	65.68221	110.0013	109.4231	19.6799	30.83113	49.48897	34.26722	15.22175	26.77284	10
1762.625	1766.039	1405.039	112.3377	53.19187	112.7507	113.624	20.57604	34.41233	45.01163	19.33659	25.67503	25.96019	10
1762.63	1766.045	1405.045	112.6681	54.70964	112.7743	112.2079	22.28251	31.17235	46.54514	23.62526	22.91988	26.51434	10
1762.635	1766.05	1405.05	113.6712	79.55108	114.4618	116.4206	10.0439	44.11941	45.83669	39.34496	6.491736	25.34395	10
1762.64	1766.056	1405.056	112.6209	109.9623	113.2818	116.1728	4.656544	42.05723	53.28623	53.28623	0	-9999	10
1762.645	1766.061	1405.061	111.3583	100.7443	111.2757	109.1517	13.8104	29.75965	56.42995	30.60835	25.8216	27.44771	10
1762.65	1766.067	1405.067	111.9601	84.31329	112.6327	113.27	11.38011	39.09139	49.5285	41.53207	7.996433	26.12987	10
1762.655	1766.072	1405.072	111.3701	99.05941	111.8775	111.2403	9.634689	36.83674	53.52857	50.89023	2.638349	26.82403	10
1762.66	1766.078	1405.078	112.0545	86.09563	112.6209	113.1047	11.685	38.04414	50.27086	31.86934	18.40151	26.23725	10
1762.665	1766.083	1405.083	113.5178	90.3844	113.8128	111.6533	11.40434	37.67387	50.92178	27.62525	23.29653	26.7101	10
1762.67	1766.089	1405.089	115.689	82.00181	115.7598	115.6064	13.17297	38.26862	48.55841	33.71637	14.84204	25.9742	10
1762.675	1766.094	1405.094	116.6802	78.85485	117.223	117.4826	9.364535	47.64407	42.99139	40.54394	2.447449	25.07625	10
1762.68	1766.1	1405.1	113.683	47.95623	113.9662	114.1078	21.61142	34.97656	43.41202	30.77778	12.63424	25.92255	10
1762.685	1766.105	1405.105	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1763.01	1766.464	1405.464	109.8479	86.3602	109.9187	109.5529	17.49207	28.2461	54.26183	28.4519	25.80993	27.0742	10
1763.015	1766.469	1405.469	111.1105	104.0305	109.3759	107.4996	26.04638	10.85208	63.10153	33.47529	29.62624	28.8378	10
1763.02	1766.475	1405.475	114.45	84.50823	114.2376	113.9898	15.90116	32.03148	52.06736	30.89489	21.17247	26.5708	10
1763.025	1766.48	1405.48	116.3734	79.63463	116.4324	117.1286	13.20762	39.34402	47.44836	37.30323	10.14513	25.63706	10
1763.03	1766.486	1405.486	117.1404	77.88013	117.3174	117.3764	12.01203	42.77158	45.21638	30.12148	15.0949	25.39199	10
1763.035	1766.491	1405.491	119.0049	86.76401	119.6303	120.4091	4.67168	55.87885	39.44947	39.44947	0	-9999	10
1763.04	1766.497	1405.497	118.8869	105.59	119.1465	119.3943	3.059353	50.25775	46.68289	46.68289	0	-9999	10

1763.045	1766.502	1405.502	120.2911	142.699	120.4091	119.5359	0	53.79578	46.20422	46.20422	0	-9999	10
1763.05	1766.508	1405.508	121.3531	157.5983	120.8221	120.0669	0	44.91857	55.08143	55.08143	0	-9999	10
1763.055	1766.513	1405.513	122.7927	172.6229	122.3797	125.023	0	51.54232	48.45768	48.45768	0	-9999	10
1763.06	1766.519	1405.519	123.8902	138.828	123.8194	123.8666	0	59.56731	40.43269	40.43269	0	-9999	10
1763.065	1766.524	1405.524	124.3504	130.891	124.9994	124.7044	0	77.19626	22.80374	22.80374	0	-9999	10
1763.07	1766.53	1405.53	126.5452	117.1614	127.8433	130.0381	0	100	0	0	0	-9999	10
1763.075	1766.535	1405.535	127.0998	110.3522	128.1029	129.2947	0	96.80655	3.193449	3.193449	0	-9999	10
1763.08	1766.541	1405.541	124.4094	110.5472	124.8814	123.312	0	71.84639	28.15361	28.15361	0	-9999	10
1763.085	1766.546	1405.546	124.9286	97.41631	125.1174	124.5392	0.02772	66.04225	33.93003	33.93003	0	-9999	10
1763.09	1766.552	1405.552	125.3298	98.98979	125.7664	126.0142	0	73.59994	26.40006	26.40006	0	-9999	10
1763.095	1766.557	1405.557	127.0054	101.8582	127.5482	128.1855	0	83.20145	16.79855	16.79855	0	-9999	10
1763.1	1766.563	1405.563	128.2681	114.1954	128.8109	126.6396	0	89.52945	10.47055	10.47055	0	-9999	10
1763.105	1766.568	1405.568	128.3035	123.5806	128.8699	130.8169	0	91.00262	8.997384	8.997384	0	-9999	10
1763.11	1766.574	1405.574	128.3979	120.0577	129.6959	133.6962	0	100	0	0	0	-9999	10
1763.115	1766.579	1405.579	128.8935	135.0266	129.9437	133.8142	0	100	0	0	0	-9999	10
1763.12	1766.585	1405.585	128.4569	134.2886	129.6959	133.3658	0	100	0	0	0	-9999	10
1763.125	1766.59	1405.59	127.8433	141.5154	129.6251	132.6932	0	100	0	0	0	-9999	10
1763.13	1766.596	1405.596	128.6811	172.0938	130.1089	131.5131	0	100	0	0	0	-9999	10
1763.135	1766.601	1405.601	127.6662	161.2744	129.1531	129.6959	0	100	0	0	0	-9999	10
1763.14	1766.607	1405.607	127.8905	161.8314	129.2947	130.6163	0	100	0	0	0	-9999	10
1763.145	1766.612	1405.612	127.088	146.7511	128.4451	130.3331	0	100	0	0	0	-9999	10
1763.15	1766.618	1405.618	125.672	132.2834	127.1234	127.2296	0	100	0	0	0	-9999	10
1763.155	1766.624	1405.624	124.964	138.8976	126.2502	129.8021	0	95.98981	4.010192	4.010192	0	-9999	10
1763.16	1766.629	1405.629	124.8578	172.0659	125.6012	125.3416	0	84.2453	15.7547	15.7547	0	-9999	10
1763.165	1766.635	1405.635	123.9964	178.2624	124.1026	123.3356	0	66.54513	33.45487	33.45487	0	-9999	10
1763.17	1766.64	1405.64	123.2412	153.6298	122.5449	119.9961	0	45.3479	54.6521	54.6521	0	-9999	10
1763.175	1766.646	1405.646	121.1289	134.1633	120.3265	117.0814	2.31262	37.72212	59.96526	59.96526	0	-9999	10
1763.18	1766.651	1405.651	120.7749	132.4505	120.9401	119.8663	0	55.29628	44.70372	44.70372	0	-9999	10
1763.185	1766.657	1405.657	120.3501	123.6224	120.5743	120.4091	0	54.68073	45.31927	45.31927	0	-9999	10
1763.19	1766.662	1405.662	119.8191	110.9649	120.1849	120.9283	0.077923	55.0398	44.88227	44.88227	0	-9999	10
1763.195	1766.668	1405.668	119.6067	96.23272	120.3265	121.0463	1.09497	60.06311	38.84192	38.84192	0	-9999	10
1763.2	1766.673	1405.673	119.7365	118.331	120.6923	122.6393	0	66.45315	33.54685	33.54685	0	-9999	10
1763.205	1766.679	1405.679	119.5005	129.6935	120.6923	122.6393	0	70.93794	29.06206	29.06206	0	-9999	10
1763.21	1766.684	1405.684	119.6775	146.6536	120.3855	120.7867	0	63.46203	36.53797	36.53797	0	-9999	10
1763.215	1766.69	1405.69	119.8899	149.3828	120.4327	121.5891	0	61.16456	38.83544	38.83544	0	-9999	10
1763.22	1766.695	1405.695	119.7955	136.2659	120.2557	119.5831	0	58.4485	41.5515	41.5515	0	-9999	10
1763.225	1766.701	1405.701	118.5919	135.2354	119.5123	120.9165	0	63.25678	36.74322	36.74322	0	-9999	10
1763.23	1766.706	1405.706	117.577	139.0229	117.6596	118.049	0	46.34454	53.65546	53.65546	0	-9999	10
1763.235	1766.712	1405.712	117.5652	141.1116	118.4031	119.3707	0	59.12967	40.87033	40.87033	0	-9999	10
1763.24	1766.717	1405.717	117.3764	93.00222	117.7894	116.5858	6.306326	48.22249	45.47118	45.47118	0	-9999	10
1763.245	1766.723	1405.723	117.8602	77.2953	117.9192	116.2908	12.40585	42.42504	45.16911	24.34659	20.82252	25.65179	10
1763.25	1766.728	1405.728	118.2379	70.86215	118.2143	117.872	14.25544	41.45064	44.29392	19.65074	24.64318	25.34186	10
1763.255	1766.734	1405.734	118.5919	64.69356	118.2025	115.7362	18.25756	35.58341	46.15903	22.42981	23.72922	26.16927	10
1763.26	1766.739	1405.739	118.8751	63.44035	119.1819	119.0993	12.90462	48.22051	38.87487	25.11361	13.76126	24.49755	10
1763.265	1766.745	1405.745	119.3353	63.67707	119.5595	119.9961	13.06411	47.94613	38.98976	23.25062	15.73914	24.37989	10
1763.27	1766.75	1405.75	119.2055	61.51876	119.2291	119.9135	15.26052	43.87414	40.86534	24.74166	16.12368	24.68425	10
1763.275	1766.756	1405.756	119.1111	84.75887	119.4179	120.1377	7.528418	50.27602	42.19556	32.30194	9.893622	-9999	10
1763.28	1766.761	1405.761	118.5211	83.63098	118.5211	120.1849	10.72193	43.35517	45.92291	37.97538	7.947526	25.04661	10
1763.285	1766.767	1405.767	118.7217	78.01938	118.9931	121.9195	9.791987	48.18385	42.02416	27.41899	14.60517	24.28437	10
1763.29	1766.772	1405.772	118.8751	69.84566	118.9341	119.3943	13.27503	44.27526	42.44971	31.98113	10.46858	24.86881	10
1763.295	1766.778	1405.778	119.4415	66.05817	119.2999	120.5743	15.22519	41.78088	42.99393	22.27138	20.72256	24.82756	10
1763.3	1766.783	1405.783	121.2115	75.06737	122.0965	123.4536	3.460212	67.16157	29.37822	29.37822	0	-9999	10
1763.305	1766.789	1405.789	121.4357	80.80429	121.8487	119.4179	5.523684	58.63815	35.83817	35.83817	0	-9999	10
1763.31	1766.794	1405.794	121.6363	95.06306	121.9903	120.6923	2.345767	59.00874	38.64549	38.64549	0	-9999	10
1763.315	1766.8	1405.8	120.6569	105.9938	121.1997	119.2763	0	60.54563	39.45437	39.45437	0	-9999	10
1763.32	1766.805	1405.805	120.2675	92.31992	120.5979	120.2557	4.451832	54.36476	41.18341	41.18341	0	-9999	10
1763.325	1766.811	1405.811	120.9401	97.12389	121.5773	122.5685	0.292716	62.70947	36.99782	36.99782	0	-9999	10
1763.33	1766.816	1405.816	122.4977	84.6614	122.8163	123.7132	4.344819	60.21808	35.43711	35.43711	0	-9999	10
1763.335	1766.822	1405.822	123.7604	85.05129	124.0908	122.5449	2.997398	64.58556	32.41704	29.70219	2.714859	-9999	10
1763.34	1766.827	1405.827	124.197	90.4958	124.9522	125.8254	0	76.39856	23.60144	23.60144	0	-9999	10
1763.345	1766.833	1405.833	124.2206	81.63977	124.433	125.3062	4.314112	63.17589	32.51	32.51	0	-9999	10
1763.35	1766.839	1405.839	124.5982	77.55987	124.374	123.8194	8.337768	53.98018	37.68205	23.40631	14.27575	23.70901	10
1763.355	1766.844	1405.844	125.2354	74.67748	125.1528	124.5038	7.351647	59.00336	33.64499	33.41576	0.229232	-9999	10
1763.36	1766.85	1405.85	125.6838	64.3176	125.7192	125.0466	8.531683	62.60887	28.85944	16.91424	11.9452	22.35282	10
1763.365	1766.855	1405.855	126.203	64.55432	126.2502	124.787	7.905272	64.6663	27.42843	20.7679	6.660534	-9999	10
1763.37	1766.861	1405.861	125.6956	66.35059	125.967	126.38	6.199806	68.64002	25.16018	22.74282	2.417355	-9999	10
1763.375	1766.866	1405.866	126.1322	72.3103	126.616	125.0466	2.709741	76.08127	21.20899	21.20899	0	-9999	10
1763.38	1766.872	1405.872	125.2	70.02667	125.5304	125.967	5.308895	68.56037	26.13073	20.98536	5.145373	-9999	10
1763.385	1766.877	1405.877	124.315	77.00289	124.9522	126.734	2.05712	73.14379	24.79909	24.79909	0	-9999	10
1763.39	1766.883	1405.883	124.8578	72.40778	125.5304	127.206	2.395395	75.78663	21.81797	21.81797	0	-9999	10
1763.395	1766.888	1405.888	125.2354	67.03289	125.8018	126.3092	4.171785	74.2922	21.53602	20.30629	1.229725	-9999	10
1763.4	1766.894	1405.894	124.8932	83.14362	125.731	125.7546	0	80.70853	19.29147	19.29147	0	-9999	10
1763.405	1766.899	1405.899	125.7428	96.88717	126.3328	124.4566	0	78.90506	21.09494	21.09494	0	-9999	10

1763.41	1766.905	1405.905	123.1468	65.76576	123.607	121.9903	7.22305	64.13341	28.64354	24.0154	4.628141	-9999	10
1763.415	1766.91	1405.91	124.0082	61.72763	124.256	121.7543	9.053906	61.94839	28.99771	25.49199	3.505711	22.94804	10
1763.42	1766.916	1405.916	124.6218	67.95191	125.0466	124.3268	5.611328	68.61782	25.77086	20.26372	5.507138	-9999	10
1763.425	1766.921	1405.921	125.5304	61.1985	125.967	127.9141	6.318274	71.80426	21.87747	14.77438	7.103094	-9999	10
1763.43	1766.927	1405.927	126.4626	61.04533	127.147	128.7401	3.57721	81.92388	14.49891	9.087504	5.411411	-9999	10
1763.435	1766.932	1405.932	127.1588	57.82875	127.6898	128.2799	4.903978	80.55768	14.53834	14.53834	0	-9999	10
1763.44	1766.938	1405.938	126.0968	50.01706	126.4036	127.0762	9.509052	69.90182	20.58913	10.92157	9.667553	20.8882	10
1763.445	1766.943	1405.943	125.6012	60.2377	125.6012	124.8578	9.869368	61.19218	28.93845	15.83557	13.10288	22.41282	10
1763.45	1766.949	1405.949	126.9346	56.38059	127.206	127.5954	7.472642	72.57891	19.94845	5.810885	14.13756	-9999	10
1763.455	1766.954	1405.954	127.3122	54.90459	127.5836	128.3979	7.482436	73.94256	18.575	11.13135	7.443658	-9999	10
1763.46	1766.96	1405.96	126.8992	59.3326	127.4066	128.7637	4.961786	78.93419	16.10403	7.676751	8.427277	-9999	10
1763.465	1766.965	1405.965	126.026	62.38208	126.0732	125.3298	8.593796	63.91779	27.48841	27.48841	0	22.12231	10
1763.47	1766.971	1405.971	126.0496	64.16443	126.7576	126.5452	3.01945	80.99304	15.98751	14.43218	1.555328	-9999	10
1763.475	1766.976	1405.976	125.1646	70.23554	125.731	126.1322	3.46188	74.23356	22.30456	22.30456	0	-9999	10
1763.48	1766.982	1405.982	124.5038	71.72547	125.0466	125.8962	3.89217	71.25277	24.85506	24.85506	0	-9999	10
1763.485	1766.987	1405.987	124.492	84.32721	125.1764	124.4802	0	75.44419	24.55581	24.55581	0	-9999	10
1763.49	1766.993	1405.993	124.0082	91.58191	124.5982	126.7812	0	71.87046	28.12954	28.12954	0	-9999	10
1763.495	1766.998	1405.998	124.1616	92.8212	124.7398	123.9138	0	72.24446	27.75554	27.75554	0	-9999	10
1763.5	1767.004	1406.004	124.6218	93.25286	125.141	126.38	0	72.58076	27.41924	27.41924	0	-9999	10
1763.505	1767.009	1406.009	123.6542	103.6963	124.5392	127.8905	0	78.19956	21.80044	21.80044	0	-9999	10
1763.51	1767.015	1406.015	122.7573	124.6945	124.2324	129.3301	0	89.44716	10.55284	10.55284	0	-9999	10
1763.515	1767.02	1406.02	122.0021	110.756	122.958	124.1144	0	73.91429	26.08571	26.08571	0	-9999	10
1763.52	1767.026	1406.026	120.2793	102.5127	120.9047	121.5537	0	60.75948	39.24052	39.24052	0	-9999	10
1763.525	1767.031	1406.031	117.7068	87.50201	117.9428	118.6391	8.70518	45.71279	45.58203	39.24621	6.335815	25.22189	10
1763.53	1767.037	1406.037	117.6006	103.4735	117.9664	119.8191	3.931816	48.70188	47.36631	45.99846	1.367848	-9999	10
1763.535	1767.042	1406.042	116.4796	106.4116	116.9634	118.3559	3.337622	48.06191	48.60047	48.60047	0	-9999	10
1763.54	1767.048	1406.048	112.5973	108.0268	112.9867	115.0636	7.250044	38.31296	54.437	51.93128	2.505716	-9999	10
1763.545	1767.054	1406.054	111.7831	161.3719	112.5029	113.1991	0	44.52816	55.47184	55.47184	0	-9999	10
1763.55	1767.059	1406.059	113.4942	129.5264	113.7538	113.1401	2.228053	39.78918	57.98277	57.98277	0	-9999	10
1763.555	1767.065	1406.065	109.1045	98.4885	109.1871	107.7592	15.14951	28.08212	56.76837	30.74816	26.02021	27.44621	10
1763.56	1767.07	1406.07	95.10938	145.1776	95.33358	96.0298	15.62881	17.18083	67.19036	50.43316	16.75721	27.71887	9
1763.565	1767.076	1406.076	88.67825	110.9092	87.22682	85.32698	42.82456	4.351512	52.82392	23.86954	28.95438	28.74996	9
1763.57	1767.081	1406.081	89.07945	132.9518	87.65162	85.69278	36.93824	6.024627	57.03713	37.7249	19.31223	28.06896	9
1763.575	1767.087	1406.087	91.2861	90.67682	90.29488	89.71667	41.75496	5.571118	52.67393	37.39307	15.28086	28.80057	9
1763.58	1767.092	1406.092	90.34208	59.5554	90.46008	91.0855	41.55836	7.68897	50.75267	36.10274	14.64993	28.80196	9
1763.585	1767.098	1406.098	89.74027	57.59203	89.87007	90.42468	42.49571	7.258973	50.24532	18.79251	31.45281	28.91297	9
1763.59	1767.103	1406.103	86.6132	46.92581	86.6604	86.4244	48.594	4.603652	46.80235	25.67972	21.12263	29.80102	9
1763.595	1767.109	1406.109	87.10881	57.34139	86.6722	85.84619	49.36699	3.830234	46.80277	17.35509	29.44768	29.90223	9
1763.6	1767.114	1406.114	87.53362	51.29812	87.43922	87.41562	47.78654	4.826607	47.38686	26.87271	20.51415	29.63601	9
1763.605	1767.12	1406.12	90.47188	53.01085	90.56628	90.42468	43.20563	7.222821	49.57155	34.85337	14.71819	29.1828	9
1763.61	1767.125	1406.125	88.13543	55.01599	88.24164	86.95541	44.77846	6.118912	49.10262	15.84444	33.25819	29.47908	9
1763.615	1767.131	1406.131	87.36842	55.90716	87.30942	87.69883	46.54878	5.188431	48.26279	24.91524	23.34755	29.3396	9
1763.62	1767.136	1406.136	87.71063	50.69937	87.81683	87.36842	46.21391	5.608857	48.17723	19.56947	28.60776	29.5292	9
1763.625	1767.142	1406.142	92.33632	63.16186	92.35992	91.1681	39.58251	8.715995	51.70149	23.43521	28.26628	28.9665	9
1763.63	1767.147	1406.147	91.86431	55.83754	92.20652	90.63709	39.32005	9.389474	51.29048	17.92158	33.3689	29.05192	9
1763.635	1767.153	1406.153	94.41316	64.12266	94.29516	94.47216	38.53673	9.415668	52.04761	17.63107	34.41654	28.65935	9
1763.64	1767.158	1406.158	94.95597	63.42643	94.90877	95.41618	37.65712	10.10199	52.2409	31.70883	20.53206	28.52702	9
1763.645	1767.164	1406.164	94.95597	72.96476	94.70817	94.01196	36.90352	9.691697	53.40478	19.11128	34.29351	28.64314	9
1763.65	1767.169	1406.169	95.14478	87.8362	95.21558	91.0973	30.66173	12.5117	56.82657	37.4822	19.34437	28.78261	9
1763.655	1767.175	1406.175	98.89726	108.3192	99.06246	97.77623	21.52094	17.51607	60.96299	33.46676	27.49622	27.99352	9
1763.66	1767.18	1406.18	95.40438	95.80106	95.91179	95.77019	25.11168	15.63797	59.25035	29.58508	29.66526	27.83829	9
1763.665	1767.186	1406.186	101.1039	78.49281	101.3281	100.7971	26.25156	18.05522	55.69322	32.58886	23.10436	27.87178	9
1763.67	1767.191	1406.191	102.7087	87.7805	103.4167	105.3166	18.77797	24.27924	56.94279	29.18299	27.7598	27.11384	9
1763.675	1767.197	1406.197	103.0037	68.73169	102.8503	103.2515	29.79236	16.47026	53.73738	22.75342	30.98395	27.89187	9
1763.68	1767.202	1406.202	98.24824	80.65112	97.90604	96.3602	32.74615	11.91442	55.33943	21.29864	34.0408	28.51857	9
1763.685	1767.208	1406.208	97.51663	77.42062	97.69363	96.79681	30.17713	14.28774	55.53513	30.15354	25.38159	28.19745	9
1763.69	1767.213	1406.213	97.59923	70.152	97.83523	97.44583	31.40289	14.22788	54.36923	29.60462	24.76462	28.18195	9
1763.695	1767.219	1406.219	96.71421	65.86323	96.95022	96.56081	33.25499	13.1812	53.56381	38.13664	15.42718	28.3202	9
1763.7	1767.224	1406.224	101.1157	75.6522	101.6349	102.3311	24.64184	20.04053	55.31763	29.95085	25.36678	27.52894	9
1763.705	1767.23	1406.23	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1764.01	1767.566	1406.566	117.8484	65.29232	117.99	116.456	14.68127	42.96864	42.35009	28.82943	13.52066	25.35868	-9999
1764.015	1767.572	1406.572	118.1435	47.998	118.2851	117.1404	18.59509	42.49316	38.91176	20.01323	18.89853	25.06012	-9999
1764.02	1767.577	1406.577	118.3559	51.27028	118.8633	119.0049	14.77278	49.55992	35.66731	14.73499	20.93232	24.16272	-9999
1764.025	1767.583	1406.583	120.4799	43.82063	120.6923	120.7159	16.90777	49.42164	33.67059	24.52098	9.149618	23.83859	-9999
1764.03	1767.588	1406.588	122.5567	39.57363	122.7101	123.6896	16.4821	53.84174	29.67616	20.03869	9.637475	22.87384	-9999
1764.035	1767.594	1406.594	121.2351	46.32705	121.4121	121.8015	15.88077	50.98263	33.1366	18.22407	14.91253	23.55845	-9999
1764.04	1767.599	1406.599	119.4415	55.54512	119.4179	118.2851	16.85483	43.18741	39.95776	24.28189	15.67587	24.96587	-9999
1764.045	1767.605	1406.605	116.7628	61.11495	116.8336	116.0902	17.23967	39.10556	43.65477	23.12208	20.53269	25.58999	-9999
1764.05	1767.61	1406.61	105.8122	26.70733	105.9538	106.2724	35.09218	19.30992	45.5979	21.79351	23.80439	27.99408	5
1764.055	1767.616	1406.616	109.0691	50.44873	108.4909	107.5704	31.92901	17.79001	50.28098	22.02594	28.25504	28.13021	5
1764.06	1767.621	1406.621	112.4557	148.979	110.8273	105.9066	13.10817	15.94906	70.94278	54.43747	16.50531	29.42518	5
1764.065	1767.627	1406.627	106.4848	226.4832	101.3517	98.99166	27.00661	0	72.99339	40.4209	32.57249	15.70157	5
1764.07	1767.632	1406.632	106.9922	136.6001	103.8062	100.1009	33.20195	0	66.79805	31.18187	35.61618	27.99289	5

1764.075	1767.638	1406.638	112.1371	126.4073	109.1163	107.4996	29.65496	0	70.34504	38.68315	31.66188	28.26665	5
1764.08	1767.643	1406.643	112.6799	97.0125	111.6769	109.6119	20.63084	20.11833	59.25083	38.08095	21.16988	28.01702	5
1764.085	1767.649	1406.649	107.24	83.54743	106.65	107.0394	25.69329	17.95574	56.35097	35.33155	21.01942	27.70459	5
1764.09	1767.654	1406.654	108.302	58.63637	107.653	106.8506	31.20197	16.79205	52.00598	33.76751	18.23847	28.16586	5
1764.095	1767.66	1406.66	113.801	37.81914	114.332	114.4972	22.03555	37.96243	40.00202	16.80456	23.19746	25.54286	5
1764.1	1767.665	1406.665	116.2318	71.83687	116.1138	115.512	16.59673	35.81078	47.59249	21.10875	26.48374	26.03943	5
1764.105	1767.671	1406.671	120.9991	278.2826	118.6745	118.8633	0	19.80299	80.19701	80.19701	0	-9999	5
1764.11	1767.676	1406.676	121.3767	289.9096	118.7807	111.3701	0	15.99901	84.00099	84.00099	0	-9999	5
1764.115	1767.682	1406.682	113.7302	186.5336	112.3023	105.9066	1.292805	21.91339	76.79381	76.79381	0	-9999	5
1764.12	1767.688	1406.688	107.653	107.9433	106.296	101.1157	25.3539	12.7291	61.917	33.994	27.923	29.16197	5
1764.125	1767.693	1406.693	117.4708	123.0236	118.0608	121.5891	0	53.44689	46.55311	46.55311	0	-9999	5
1764.13	1767.699	1406.699	114.2376	56.71478	113.8482	113.5414	24.19437	27.37232	48.43331	20.38882	28.0445	26.77608	5
1764.135	1767.704	1406.704	108.6443	52.78805	108.2902	109.5293	30.01613	19.77636	50.20751	35.41055	14.79696	27.47435	5
1764.14	1767.71	1406.71	107.6648	44.72573	107.6058	106.4022	30.58198	20.99291	48.42511	23.14886	25.27625	27.85112	5
1764.145	1767.715	1406.715	106.2724	69.70641	106.1898	105.2104	26.0006	20.71306	53.28634	24.49795	28.7884	27.73948	5
1764.15	1767.721	1406.721	104.3372	78.81308	101.3989	98.62585	47.70856	0	52.29144	18.80805	33.4834	26.85602	5
1764.155	1767.726	1406.726	107.9244	107.3306	106.5674	101.7175	25.25247	12.87141	61.87611	33.77669	28.09943	29.09701	5
1764.16	1767.732	1406.732	110.3789	81.08279	109.5293	105.5408	25.41392	18.37524	56.21084	40.80699	15.40384	28.47921	5
1764.165	1767.737	1406.737	121.3295	63.02261	120.4563	122.5567	19.89281	31.94605	48.16114	37.53879	10.62235	25.511	5
1764.17	1767.743	1406.743	115.7952	55.60082	115.1226	113.4234	25.22577	25.71347	49.06076	33.35247	15.70829	27.15574	5
1764.175	1767.748	1406.748	105.6234	31.53916	104.9626	103.5938	40.31531	12.24836	47.43633	30.26623	17.1701	29.31326	5
1764.18	1767.754	1406.754	104.7148	51.21458	104.0422	102.4019	36.48124	12.67327	50.8455	33.19983	17.64567	28.94397	5
1764.185	1767.759	1406.759	104.3254	69.3583	103.7118	100.5965	31.99145	14.04918	53.95937	38.50373	15.45564	28.80331	5
1764.19	1767.765	1406.765	106.2842	52.78805	105.6588	105.116	34.29077	14.61108	51.09815	23.71511	27.38305	28.45649	5
1764.195	1767.77	1406.77	110.3435	169.9216	109.3051	103.0627	5.410737	22.27709	72.31217	67.85144	4.460732	-9999	5
1764.2	1767.776	1406.776	103.7236	82.30815	102.5317	101.9063	33.8924	9.872815	56.23479	30.76278	25.47201	28.69273	5
1764.205	1767.781	1406.781	107.3462	136.7393	104.6912	101.3989	28.72723	2.917556	68.35521	46.8155	21.53971	29.59566	5
1764.21	1767.787	1406.787	105.8358	174.266	102.0597	99.47547	29.72329	0	70.27671	27.70704	42.56967	25.02278	5
1764.215	1767.792	1406.792	102.7677	85.41333	101.0213	99.75867	38.31854	5.475931	56.20553	27.18667	29.01886	29.35826	5
1764.22	1767.798	1406.798	103.9124	62.54918	103.0391	101.1393	36.03117	11.16248	52.80636	25.85116	26.95519	29.02848	5
1764.225	1767.803	1406.803	98.43705	76.68262	97.05642	95.39258	41.58059	5.516746	52.90266	20.13849	32.76417	29.51591	5
1764.23	1767.809	1406.809	100.7853	134.9291	97.52843	96.2186	39.8654	0	60.1346	30.01433	30.12027	27.61315	5
1764.235	1767.814	1406.814	106.65	131.2112	108.5735	112.8687	0	45.28389	54.71611	54.71611	0	-9999	5
1764.24	1767.82	1406.82	106.6382	69.21905	106.178	104.6558	28.70846	17.58672	53.70483	29.42464	24.28019	28.13797	5
1764.245	1767.825	1406.825	105.2812	42.98515	105.6116	105.765	30.17825	21.43509	48.38666	20.37124	28.01543	27.59289	5
1764.25	1767.831	1406.831	106.0364	38.82171	105.7532	106.1662	35.2465	16.51552	48.23798	17.5549	30.68309	28.20047	5
1764.255	1767.836	1406.836	105.883	32.59742	106.2606	107.1574	31.7726	21.98367	46.24373	33.38001	12.86371	27.46953	5
1764.26	1767.842	1406.842	113.211	83.24109	113.1519	114.332	16.15884	31.89317	51.94799	35.32557	16.62242	26.34839	5
1764.265	1767.847	1406.847	108.9275	57.8566	108.1132	107.7828	32.09562	15.70579	52.19859	35.13827	17.06032	28.21676	5
1764.27	1767.853	1406.853	105.0216	53.97164	103.936	102.4255	38.73258	9.664488	51.60293	30.32624	21.27669	29.3342	5
1764.275	1767.858	1406.858	108.3847	85.21838	106.6736	103.2869	32.9238	8.299286	58.77692	22.59138	36.18554	29.45128	5
1764.28	1767.864	1406.864	107.83	101.4405	105.8358	105.352	31.70313	6.504534	61.79234	35.20226	26.59008	28.96649	5
1764.285	1767.869	1406.869	104.6558	68.64814	103.7236	101.7293	34.32854	11.65506	54.0164	34.41494	19.60146	28.90332	5
1764.29	1767.875	1406.875	105.9538	85.3437	103.5938	100.6083	40.1597	1.722414	58.11788	20.18213	37.93575	30.31807	5
1764.295	1767.88	1406.88	109.3405	87.40454	107.8182	107.2046	30.05216	10.85557	59.09227	39.40086	19.69141	28.6226	5
1764.3	1767.886	1406.886	117.1404	134.3164	114.686	113.506	18.74822	6.654024	74.59776	44.44432	30.15344	29.45339	5
1764.305	1767.891	1406.891	111.6769	138.5216	109.5529	106.8388	20.19633	9.201261	70.6024	38.45551	32.14689	29.24299	5
1764.31	1767.897	1406.897	106.532	53.87417	106.0364	105.0098	32.79398	16.11376	51.09226	30.74895	20.34331	28.33654	5
1764.315	1767.903	1406.903	106.6618	64.9999	106.3786	106.3904	28.336	18.97803	52.68597	34.27644	18.40953	27.7325	5
1764.32	1767.908	1406.908	107.3344	59.87566	106.4376	106.1898	33.71276	13.54815	52.73909	34.63189	18.1072	28.45983	5
1764.325	1767.914	1406.914	106.414	76.86364	106.2724	106.2842	24.59553	20.81596	54.58851	34.23551	20.353	27.53791	5
1764.33	1767.919	1406.919	105.234	64.65179	105.3402	104.467	26.71593	20.82906	52.45501	34.21494	18.24007	27.73104	5
1764.335	1767.925	1406.925	104.644	43.43074	104.5024	102.0479	34.31473	16.55801	49.12726	31.22865	17.89861	28.66194	5
1764.34	1767.93	1406.93	105.6942	27.98839	105.6116	105.6588	36.62831	17.21295	46.15874	25.69461	20.46413	28.32483	5
1764.345	1767.936	1406.936	105.5172	25.45412	105.7532	106.06	34.93525	19.70725	45.3575	26.41711	18.94039	27.95654	5
1764.35	1767.941	1406.941	108.4909	37.62419	108.6797	108.9157	29.62013	24.19807	46.1818	13.88246	32.29934	27.2414	5
1764.355	1767.947	1406.947	109.3051	37.94446	108.5499	106.237	36.1097	15.35453	48.53578	25.4392	23.09658	28.86533	5
1764.36	1767.952	1406.952	109.5883	32.76452	108.7033	107.299	38.10866	13.93063	47.9607	22.81815	25.14255	28.99511	5
1764.365	1767.958	1406.958	115.4294	44.62825	114.4736	113.0575	30.41252	20.42341	49.16407	26.05944	23.10463	27.79351	5
1764.37	1767.963	1406.963	111.2639	27.77952	111.6179	111.7359	28.171	29.94802	41.88098	17.27655	24.60443	26.54958	5
1764.375	1767.969	1406.969	112.3613	54.26406	113.3526	114.863	15.81371	42.09986	42.08643	33.68682	8.399605	25.22057	5
1764.38	1767.974	1406.974	112.0781	86.3602	113.6594	117.4236	3.734404	51.4543	44.81129	44.81129	0	-9999	5
1764.385	1767.98	1406.98	113.27	54.70964	114.2966	116.22	14.5956	44.78071	40.62369	33.21585	7.407834	24.86055	10
1764.39	1767.985	1406.985	114.45	106.0078	114.9102	115.3704	5.485519	42.97866	51.53582	39.82649	11.70933	-9999	10
1764.395	1767.991	1406.991	114.6624	89.31221	114.3792	115.3232	15.0919	31.73065	53.17745	40.16441	13.01304	26.42058	10
1764.4	1767.996	1406.996	119.0167	113.6384	118.8515	117.7304	4.284489	43.62717	52.08834	52.08834	0	-9999	10
1764.405	1768.002	1407.002	119.6421	122.3413	119.2999	119.4533	2.974796	42.43194	54.59326	53.40523	1.188035	-9999	10
1764.41	1768.007	1407.007	126.4036	179.5852	125.6956	124.6336	0	54.17187	45.82813	45.82813	0	-9999	10
1764.415	1768.013	1407.013	126.5334	226.2882	126.97	128.5867	0	86.83969	13.16031	13.16031	0	-9999	10
1764.42	1768.018	1407.018	123.135	141.5294	124.138	126.0968	0	81.40312	18.59688	18.59688	0	-9999	10
1764.425	1768.024	1407.024	123.9256	115.198	124.3032	123.725	0	68.25748	31.74252	31.74252	0	-9999	10
1764.43	1768.029	1407.029	123.961	125.0844	124.5628	122.8281	0	74.2326	25.7674	25.7674	0	-9999	10
1764.435	1768.035	1407.035	124.1262	82.73981	124.3032	125.908	4.409108	62.12731	33.46358	28.52214	4.941443	-9999	10

1764.44	1768.04	1407.04	126.9228	89.82742	127.0644	126.9936	0.395337	71.35828	28.24639	28.24639	0	-9999	10
1764.445	1768.046	1407.046	130.5455	100.6468	130.8523	129.4953	0	91.88472	8.115277	8.115277	0	-9999	10
1764.45	1768.051	1407.051	125.2944	119.9741	125.4832	123.2766	0	68.81025	31.18975	31.18975	0	-9999	10
1764.455	1768.057	1407.057	123.8312	105.3255	124.1734	122.6865	0	66.46025	33.53975	33.53975	0	-9999	10
1764.46	1768.062	1407.062	121.2233	85.78929	121.3649	121.2941	6.61612	52.91094	40.47294	35.92292	4.550024	-9999	10
1764.465	1768.068	1407.068	120.7985	91.52621	121.1997	120.4681	3.606667	57.21116	39.18217	39.18217	0	-9999	10
1764.47	1768.073	1407.073	122.3797	63.59352	122.5449	121.4829	10.74068	55.18981	34.06951	20.1525	13.91702	23.6045	10
1764.475	1768.079	1407.079	125.6248	84.89812	125.2472	126.8402	6.806295	53.75735	39.43636	38.83981	0.596546	-9999	10
1764.48	1768.084	1407.084	128.8935	86.02601	128.8935	128.7165	0.599711	74.58639	24.8139	24.8139	0	-9999	10
1764.485	1768.09	1407.09	126.852	115.2815	127.0054	127.0054	0	73.12749	26.87251	26.87251	0	-9999	10
1764.49	1768.095	1407.095	127.8079	91.31735	127.56	125.4124	2.23847	64.14871	33.61282	33.61282	0	-9999	10
1764.495	1768.101	1407.101	128.1737	102.5684	128.2563	129.1767	0	75.29528	24.70472	24.70472	0	-9999	10
1764.5	1768.107	1407.107	128.6457	126.5047	129.3655	127.2178	0	97.28437	2.715626	2.715626	0	-9999	10
1764.505	1768.112	1407.112	131.5839	144.0079	132.0205	129.1767	0	100	0	0	0	-9999	10
1764.51	1768.118	1407.118	132.8112	107.8597	133.2832	131.6547	0	100	0	0	0	-9999	10
1764.515	1768.123	1407.123	132.2447	116.6044	132.1739	132.3509	0	88.24255	11.75745	11.75745	0	-9999	10
1764.52	1768.129	1407.129	130.4865	115.8664	130.4983	130.2741	0	83.33563	16.66437	16.66437	0	-9999	10
1764.525	1768.134	1407.134	130.0617	111.2991	129.8375	130.4865	0	74.08291	25.91709	25.91709	0	-9999	10
1764.53	1768.14	1407.14	133.0944	161.2605	132.3037	132.9056	0	69.98387	30.01613	30.01613	0	-9999	10
1764.535	1768.145	1407.145	130.3331	156.1223	130.3685	133.6726	0	86.14828	13.85172	13.85172	0	-9999	10
1764.54	1768.151	1407.151	130.2977	170.6596	129.5425	128.6929	0	62.91756	37.08244	37.08244	0	-9999	10
1764.545	1768.156	1407.156	126.439	117.4816	126.1322	126.1322	0	60.06302	39.93698	39.93698	0	-9999	10
1764.55	1768.162	1407.162	125.023	150.6221	124.6572	124.8932	0	56.80867	43.19133	43.19133	0	-9999	10
1764.555	1768.167	1407.167	124.9286	135.5139	124.7162	123.0996	0	59.11385	40.88615	40.88615	0	-9999	10
1764.56	1768.173	1407.173	125.0584	119.3336	124.8106	123.3238	0	57.56459	42.43541	42.43541	0	-9999	10
1764.565	1768.178	1407.178	126.1794	137.3102	125.3298	124.787	0	47.32538	52.67462	52.67462	0	-9999	10
1764.57	1768.184	1407.184	126.0142	141.8357	125.2472	123.3946	0	49.23631	50.76369	50.76369	0	-9999	10
1764.575	1768.189	1407.189	129.5071	114.1536	129.4599	128.9525	0	77.47285	22.52715	22.52715	0	-9999	10
1764.58	1768.195	1407.195	131.3715	107.8458	132.0559	130.8759	0	100	0	0	0	-9999	10
1764.585	1768.2	1407.2	133	113.4296	133.3068	134.7818	0	100	0	0	0	-9999	10
1764.59	1768.206	1407.206	135.773	113.2764	135.2774	130.6045	0	88.00135	11.99865	11.99865	0	-9999	10
1764.595	1768.211	1407.211	132.5633	114.6549	132.0913	130.1443	0	75.79363	24.20637	24.20637	0	-9999	10
1764.6	1768.217	1407.217	133.6018	94.78456	133.8614	133.3068	0	100	0	0	0	-9999	10
1764.605	1768.222	1407.222	132.9174	89.49323	133.4484	134.416	0	100	0	0	0	-9999	10
1764.61	1768.228	1407.228	130.3331	123.5806	130.6399	130.2977	0	92.44934	7.550664	7.550664	0	-9999	10
1764.615	1768.233	1407.233	123.7604	123.2464	123.4536	124.5628	0	52.9144	47.0856	47.0856	0	-9999	10
1764.62	1768.239	1407.239	118.2025	95.18838	118.3559	119.1465	7.029282	46.01932	46.9514	38.83116	8.120235	-9999	10
1764.625	1768.244	1407.244	114.6388	80.99924	115.217	116.0902	10.44937	43.42149	46.12914	32.53746	13.59168	25.49192	9
1764.63	1768.25	1407.25	117.813	53.51213	118.1671	117.636	15.91851	45.66088	38.42062	12.49627	25.92434	24.73709	9
1764.635	1768.255	1407.255	116.0312	77.85228	116.3262	115.7834	12.12474	42.1272	45.74806	24.85343	20.89463	25.63685	9
1764.64	1768.261	1407.261	112.5147	91.16418	112.8805	114.0134	11.5897	36.70759	51.7027	35.68253	16.02017	26.22829	9
1764.645	1768.266	1407.266	113.5414	69.72033	113.4942	111.0633	19.03544	31.70923	49.25533	30.73146	18.52387	26.85416	9
1764.65	1768.272	1407.272	114.1314	75.44333	114.6742	114.332	12.53507	41.39254	46.0724	33.28973	12.78267	25.78078	9
1764.655	1768.277	1407.277	114.3438	73.80023	114.7568	114.9102	13.74326	39.89929	46.35745	29.94447	16.41298	25.74191	9
1764.66	1768.283	1407.283	114.2966	83.95125	114.8866	113.8718	9.958358	43.01032	47.03132	35.85435	11.17698	25.96641	9
1764.665	1768.288	1407.288	116.3616	81.3195	115.9486	114.6742	16.46881	32.21045	51.32074	39.14493	12.17581	26.59266	9
1764.67	1768.294	1407.294	117.223	60.05668	116.5268	114.8866	23.01675	27.86379	49.11945	23.70078	25.41868	26.85237	9
1764.675	1768.299	1407.299	117.6242	103.4874	117.7186	117.7776	6.010127	44.24702	49.74285	45.60272	4.140125	-9999	9
1764.68	1768.305	1407.305	119.7247	142.7965	120.2321	119.6775	0	59.57021	40.42979	40.42979	0	-9999	9
1764.685	1768.31	1407.31	125.1056	180.5182	125.5304	123.4772	0	77.97975	22.02025	22.02025	0	-9999	9
1764.69	1768.316	1407.316	115.1108	90.63504	115.1108	113.6476	12.16439	36.66205	51.17356	28.67413	22.49942	26.51435	9
1764.695	1768.322	1407.322	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1765.015	1768.674	1407.674	81.06709	145.6232	80.17027	80.76028	37.12781	6.537303	56.33489	37.32893	19.00595	26.83793	-9999
1765.02	1768.68	1407.68	79.91067	140.6521	81.5037	81.01989	20.09837	12.26231	67.63931	37.20411	30.4352	27.46209	-9999
1765.025	1768.685	1407.685	76.7836	80.10807	77.60962	78.75424	43.5713	4.878183	51.55051	28.23808	23.31243	28.08663	-9999
1765.03	1768.691	1407.691	82.22351	109.28	83.43894	84.35936	28.48905	10.33031	61.18064	32.25385	28.92679	27.36703	-9999
1765.035	1768.696	1407.696	85.27978	81.70939	86.11759	87.43922	35.27585	8.980739	55.74341	20.20332	35.54009	27.84255	-9999
1765.04	1768.702	1407.702	83.91095	81.4309	83.17933	83.82835	48.76567	3.407005	47.82733	19.98805	27.83928	29.0099	-9999
1765.045	1768.707	1407.707	83.75754	69.48362	82.76632	85.79899	53.80998	1.803441	44.38658	29.97995	14.40663	29.45441	-9999
1765.05	1768.713	1407.713	83.88735	82.30815	83.46254	84.52456	46.19734	4.366476	49.43619	24.10903	25.32716	28.62496	-9999
1765.055	1768.718	1407.718	86.14119	66.67085	86.90821	88.76085	38.67138	8.21917	53.10945	24.81267	28.29678	28.1405	-9999
1765.06	1768.724	1407.724	85.19717	74.20405	85.64558	86.88461	40.18605	7.120033	52.69392	33.56989	19.12403	28.23383	-9999
1765.065	1768.729	1407.729	84.27676	103.4596	85.63378	89.24466	26.9112	11.59039	61.4984	34.15686	27.34155	27.01702	-9999
1765.07	1768.735	1407.735	84.41836	80.12199	85.02017	86.6132	38.28154	7.625556	54.0929	21.01	33.08291	27.93818	-9999
1765.075	1768.74	1407.74	85.65738	56.47807	86.03499	87.87583	44.60105	5.918538	49.48041	19.92004	29.56037	28.76871	-9999
1765.08	1768.746	1407.746	82.38872	93.68452	83.50974	87.02621	32.8428	9.085842	58.07136	38.747	19.32436	27.13278	-9999
1765.085	1768.752	1407.752	80.42988	57.73128	80.01687	79.13185	55.23436	1.65589	43.10975	30.32409	12.78566	30.39726	-9999
1765.09	1768.757	1407.757	81.6807	67.85444	81.4919	82.58932	49.89621	3.312886	46.7909	21.17055	25.62035	29.1662	-9999
1765.095	1768.763	1407.763	83.62774	51.27028	83.80475	84.18235	49.28329	3.980607	46.7361	32.16951	14.56659	29.58284	-9999
1765.1	1768.768	1407.768	84.37116	71.04317	84.43016	86.05859	44.72883	5.267789	50.00338	26.26926	23.73412	28.56534	-9999
1765.105	1768.774	1407.774	85.92879	78.81308	85.82259	84.72516	42.69582	5.922263	51.38192	25.31446	26.06746	28.832	-9999
1765.11	1768.779	1407.779	85.39778	64.2619	85.07917	84.93757	48.35186	4.024816	47.62332	15.81282	31.8105	29.44643	-9999
1765.115	1768.785	1407.785	84.30036	83.17147	83.36814	83.12033	49.54088	3.042772	47.41635	23.67126	23.74509	29.26897	-9999

1765.12	1768.79	1407.79	83.40354	97.95937	83.22653	87.87583	40.93436	5.985388	53.08026	20.22169	32.85857	27.22957	-9999
1765.125	1768.796	1407.796	85.22077	97.08212	86.2828	90.35388	29.87235	10.74957	59.37808	34.41938	24.9587	27.00839	-9999
1765.13	1768.801	1407.801	84.08795	120.1969	84.86677	85.36238	27.51561	10.7265	61.75789	38.99271	22.76519	27.33888	-9999
1765.135	1768.807	1407.807	82.25891	110.4636	83.08493	84.33576	31.18797	9.279816	59.53222	36.62672	22.90549	27.2682	-9999
1765.14	1768.812	1407.812	83.22653	72.26853	82.86073	83.25013	48.77761	3.637795	47.58459	17.14565	30.43894	29.16622	-9999
1765.145	1768.818	1407.818	82.71912	101.6355	82.73092	82.57752	39.21117	6.525305	54.26352	18.68736	35.57616	27.91696	-9999
1765.15	1768.823	1407.823	81.4683	134.7342	82.34152	84.31216	25.67606	10.67014	63.6538	46.77751	16.87628	26.81778	-9999
1765.155	1768.829	1407.829	85.19717	119.2083	85.26798	82.23531	32.22149	8.914648	58.86386	30.14279	28.72107	28.03773	-9999
1765.16	1768.834	1407.834	84.48916	170.6596	86.3654	91.79351	6.429511	18.02676	75.54373	66.90321	8.640526	-9999	-9999
1765.165	1768.84	1407.84	82.81353	154.2703	85.45678	88.15904	5.992914	18.23191	75.77518	66.57066	9.204522	-9999	-9999
1765.17	1768.845	1407.845	83.28553	156.735	85.79899	90.03527	5.968191	18.33992	75.69189	59.28274	16.40915	-9999	-9999
1765.175	1768.851	1407.851	82.63652	98.98979	83.22653	85.07917	35.44628	7.993464	56.56026	38.78254	17.77771	27.42187	-9999
1765.18	1768.856	1407.856	83.95815	87.07035	85.83439	88.20624	27.14663	12.00438	60.84899	42.08499	18.76401	27.465	-9999
1765.185	1768.862	1407.862	84.99657	81.45875	85.95239	88.83165	34.68254	9.199672	56.11779	35.03339	21.0844	27.52871	-9999
1765.19	1768.867	1407.867	82.60112	80.70682	83.37994	86.05859	38.44009	7.300529	54.25938	24.44628	29.8131	27.68282	-9999
1765.195	1768.873	1407.873	82.75452	76.13956	83.75754	85.11457	37.66665	7.742315	54.59103	20.38101	34.21002	27.96332	-9999
1765.2	1768.878	1407.878	85.36238	82.00181	86.93181	87.43922	29.45908	11.59403	58.94689	31.90418	27.04271	27.86168	-9999
1765.205	1768.884	1407.884	83.16753	109.7535	85.82259	88.90245	16.34886	15.54906	68.10208	43.07899	25.02309	27.60921	-9999
1765.21	1768.889	1407.889	84.18235	92.84905	86.566	88.52484	21.60949	14.29724	64.09328	33.18451	30.90877	27.6516	-9999
1765.215	1768.895	1407.895	85.16177	87.58556	86.97901	89.87007	26.37187	12.70553	60.92259	30.94658	29.97602	27.3727	-9999
1765.22	1768.9	1407.9	83.62774	133.1746	84.40656	86.03499	24.7984	11.36107	63.84054	39.92144	23.91909	27.00042	-9999
1765.225	1768.906	1407.906	81.06709	136.9064	81.33849	75.66258	30.18354	8.989523	60.82694	33.90753	26.91941	28.06665	-9999
1765.23	1768.911	1407.911	78.81324	99.43537	78.78964	78.28223	43.61136	4.933408	51.45523	26.96893	24.4863	28.11299	-9999
1765.235	1768.917	1407.917	83.94635	69.09373	85.43318	89.31546	34.52574	9.489587	55.98467	38.7707	17.21397	27.49406	-9999
1765.24	1768.922	1407.922	85.00837	53.30326	85.79899	87.41562	42.76563	6.750526	50.48384	26.27792	24.20592	28.65563	-9999
1765.245	1768.928	1407.928	81.7633	92.47309	84.45376	87.09701	21.54825	13.39899	65.05276	45.20797	19.8448	27.56445	-9999
1765.25	1768.933	1407.933	83.91095	59.76426	85.53938	88.27704	35.71862	9.303624	54.97776	29.12172	25.85604	27.87974	-9999
1765.255	1768.939	1407.939	83.87555	49.76642	85.18537	86.69581	40.63986	7.562246	51.79789	25.76654	26.03135	28.5295	-9999
1765.26	1768.944	1407.944	81.3857	72.51917	82.97873	85.56298	35.22952	8.487538	56.28295	37.09878	19.18417	27.67211	-9999
1765.265	1768.95	1407.95	83.21473	63.06439	84.20595	85.77539	40.49891	7.070043	52.43105	21.13593	31.29512	28.30071	-9999
1765.27	1768.956	1407.956	79.80446	78.0333	80.06407	80.87829	45.68389	4.511871	49.80424	19.44326	30.36097	28.48778	-9999
1765.275	1768.961	1407.961	74.28195	177.9421	72.86592	70.69468	39.57284	6.441693	53.98547	25.2208	28.76466	26.28345	-9999
1765.28	1768.967	1407.967	74.31735	83.57528	74.87196	74.78936	47.10458	3.715588	49.17983	31.10035	18.07948	28.4116	-9999
1765.285	1768.972	1407.972	72.09891	111.689	71.09588	71.57969	54.41368	2.3746	43.21172	24.62631	18.58541	28.35823	-9999
1765.29	1768.978	1407.978	74.32915	176.2155	73.23173	76.7364	37.47806	6.89559	55.62635	26.22552	29.40082	25.22097	-9999
1765.295	1768.983	1407.983	77.84562	134.0379	78.65984	79.48586	29.63467	8.89822	61.46711	27.13538	34.33173	26.79392	-9999
1765.3	1768.989	1407.989	83.40354	69.03803	84.35936	86.566	39.15394	7.465405	53.38065	19.5112	33.86946	28.01001	-9999
1765.305	1768.994	1407.994	86.6604	64.24798	87.09701	87.92303	41.3407	7.173305	51.486	34.92039	16.56561	28.5738	-9999
1765.31	1769	1408	86.2828	96.1074	87.73423	89.94087	26.11326	12.77166	61.11509	37.63472	23.48037	27.39638	-9999
1765.315	1769.005	1408.005	85.06737	79.13334	86.271	87.34482	33.25966	9.928677	56.81167	30.7497	26.06197	27.84878	-9999
1765.32	1769.011	1408.011	85.22077	75.94462	86.5542	88.20624	32.88423	10.26033	56.85544	32.85679	23.99865	27.77585	-9999
1765.325	1769.016	1408.016	86.2356	64.3176	87.25042	87.58082	37.23353	9.002629	53.76384	28.93722	24.82662	28.36064	-9999
1765.33	1769.022	1408.022	87.26222	51.82726	87.95843	88.72545	41.7809	7.628226	50.59087	29.14798	21.44289	28.78865	-9999
1765.335	1769.027	1408.027	86.566	81.82079	88.26524	90.97929	27.38958	12.94404	59.66638	24.50398	35.1624	27.45477	-9999
1765.34	1769.033	1408.033	85.55118	90.28693	87.12061	89.94087	27.28038	12.28663	60.433	35.20605	25.22695	27.33709	-9999
1765.345	1769.038	1408.038	84.64256	71.25204	85.72819	87.87583	36.47228	8.737195	54.79053	34.64904	20.14149	27.86962	-9999
1765.35	1769.044	1408.044	75.83958	41.30028	76.46499	76.8426	55.38597	1.490819	43.12321	31.45696	11.66625	30.26682	2
1765.355	1769.049	1408.049	75.98118	51.78548	76.6302	78.21143	52.53537	2.296141	45.16849	22.85619	22.3123	29.4387	2
1765.36	1769.055	1408.055	72.66532	26.1782	72.77152	72.32311	65.98972	0	34.01028	23.54967	10.46061	30.52069	2
1765.365	1769.06	1408.06	71.7213	53.06655	72.60632	74.76576	54.31541	1.484242	44.20035	13.47421	30.72613	29.34017	2
1765.37	1769.066	1408.066	74.05775	65.98855	74.19935	76.35879	54.80022	1.667652	43.53212	24.60244	18.92969	29.24439	2
1765.375	1769.071	1408.071	71.7685	57.35531	71.49709	71.15489	62.19639	0	37.80361	16.82344	20.98017	30.74526	2
1765.38	1769.077	1408.077	68.03962	46.71694	67.89802	66.13978	67.19547	0	32.80453	6.753512	26.05102	30.33537	2
1765.385	1769.082	1408.082	65.75037	64.66571	65.83298	65.56157	63.22039	0	36.77961	17.9743	18.80531	30.22189	2
1765.39	1769.088	1408.088	67.63841	41.49523	67.47321	67.19	69.01114	0	30.98886	22.3378	8.65106	29.93615	2
1765.395	1769.093	1408.093	72.46471	43.38897	72.12251	72.54731	65.48444	0	34.51556	14.35984	20.15572	30.33631	2
1765.4	1769.099	1408.099	72.90132	51.68801	72.84232	71.6151	60.87954	0.056218	39.06424	8.897007	30.16723	31.08985	2
1765.405	1769.104	1408.104	74.44715	80.14984	74.89556	73.01932	48.63719	3.317176	48.04564	34.10136	13.94428	28.96566	2
1765.41	1769.11	1408.11	73.49133	53.8881	73.86894	74.62416	56.42059	1.138026	42.44138	30.19662	12.24476	29.97086	2
1765.415	1769.115	1408.115	72.97212	56.81226	73.49133	74.83656	55.0932	1.449829	43.45697	24.2527	19.20427	29.57689	2
1765.42	1769.121	1408.121	74.44715	91.03885	74.39995	73.38513	49.84302	3.101756	47.05522	32.99469	14.06053	28.69903	2
1765.425	1769.126	1408.126	75.76878	84.25759	75.94578	74.32915	48.53061	3.438839	48.03055	20.62402	27.40653	28.88922	7
1765.43	1769.132	1408.132	76.5712	140.1369	78.14063	81.14969	23.47827	10.51769	66.00404	32.30487	33.69918	26.49646	7
1765.435	1769.137	1408.137	76.5004	170.9241	79.55666	81.6453	4.569961	16.07603	79.354	77.19516	2.158844	-9999	7
1765.44	1769.143	1408.143	76.09919	214.5777	81.25589	87.45102	0	24.0943	75.9057	75.9057	0	-9999	7
1765.445	1769.148	1408.148	77.47982	177.2598	80.89009	84.25315	0	18.05238	81.94762	81.94762	0	-9999	7
1765.45	1769.154	1408.154	77.36181	120.6703	79.14365	79.89887	25.81567	10.07624	64.10808	47.73628	16.3718	27.17374	7
1765.455	1769.159	1408.159	73.47953	89.86919	73.65654	73.95154	49.27871	3.195576	47.52572	33.13909	14.38663	28.36842	7
1765.46	1769.165	1408.165	71.6859	48.7917	71.40269	69.57365	64.43623	0	35.56377	11.83373	23.73004	30.79222	7
1765.465	1769.171	1408.171	71.00148	71.7951	70.03386	68.64143	64.80328	0	35.19672	11.18641	24.01031	30.70704	7
1765.47	1769.176	1408.176	63.55553	46.20173	63.09532	62.77671	73.91472	0	26.08528	15.51411	10.57117	29.86195	7
1765.475	1769.182	1408.182	67.0484	59.72249	66.29319	66.777	69.71555	0	30.28445	15.84912	14.43534	29.988	7
1765.48	1769.187	1408.187	68.37003	63.5796	68.81844	70.83628	58.23814	0.650839	41.11102	17.24619	23.86484	29.5095	7

1765.485	1769.193	1408.193	68.22843	76.34843	69.65625	72.12251	47.68785	2.910077	49.40207	30.90454	18.49753	27.85964	7
1765.49	1769.198	1408.198	68.45263	77.26745	69.66806	72.58271	48.90531	2.717774	48.37691	23.13201	25.2449	27.8728	7
1765.495	1769.204	1408.204	69.56185	68.35573	70.22267	73.31433	54.3397	1.565637	44.09466	26.3936	17.70106	28.70988	7
1765.5	1769.209	1408.209	71.6977	74.1205	72.50011	71.9809	49.88223	2.755857	47.36191	31.40436	15.95756	28.83465	7
1765.505	1769.215	1408.215	69.72706	72.79766	70.54127	71.7449	51.92389	2.145191	45.93092	30.73327	15.19765	28.66867	7
1765.51	1769.22	1408.22	68.26383	62.32639	69.43205	70.38787	53.06056	1.587736	45.35171	19.4196	25.93211	29.01823	7
1765.515	1769.226	1408.226	61.85629	48.59676	61.9507	62.50531	70.60018	0	29.39982	13.17261	16.22721	29.44119	7
1765.52	1769.231	1408.231	57.1598	42.275	56.48718	55.16556	82.39519	0	17.60481	7.479548	10.12526	30.55089	7
1765.525	1769.237	1408.237	64.15734	51.95258	64.33435	61.9979	67.03094	0	32.96906	22.26027	10.70878	30.17079	7
1765.53	1769.242	1408.242	64.92436	90.03629	64.62935	63.88594	60.76711	0.866643	38.36625	25.14627	13.21998	29.55553	-9999
1765.535	1769.248	1408.248	68.62963	115.3233	67.83902	68.47623	55.07977	2.456597	42.46363	25.97772	16.48591	28.08282	-9999
1765.54	1769.253	1408.253	70.03386	86.12348	69.80966	68.53523	56.46455	1.520804	42.01465	18.79686	23.21779	29.41841	-9999
1765.545	1769.259	1408.259	70.11646	82.14105	70.60027	73.13733	51.86519	2.356906	45.7779	27.26649	18.51141	28.21956	-9999
1765.55	1769.264	1408.264	69.30225	88.82485	70.35247	70.37607	46.6071	3.480041	49.91286	22.72119	27.19167	27.98281	-9999
1765.555	1769.27	1408.27	65.27836	116.7018	68.05142	67.75642	30.21087	6.638395	63.15074	26.03534	37.1154	26.88936	-9999
1765.56	1769.275	1408.275	67.52041	107.2331	70.82448	73.97514	26.32428	7.631336	66.04439	34.09384	31.95054	26.74466	-9999
1765.565	1769.281	1408.281	66.43479	125.0566	69.79786	72.45291	22.55252	8.479625	68.96786	44.16439	24.80347	26.67245	-9999
1765.57	1769.286	1408.286	65.96278	94.58962	68.00422	69.05444	40.60238	4.356116	55.0415	24.75423	30.28727	27.17031	-9999
1765.575	1769.292	1408.292	64.60575	81.40305	66.00998	67.48501	49.9804	2.268137	47.75147	32.8783	14.87317	27.9415	-9999
1765.58	1769.297	1408.297	60.68807	104.9774	60.85327	64.58215	57.48213	1.780466	40.7374	30.62854	10.10886	27.55885	-9999
1765.585	1769.303	1408.303	55.03575	91.38697	55.57857	58.02122	63.04467	0.476217	36.47911	17.59244	18.88667	28.65304	-9999
1765.59	1769.308	1408.308	63.30772	103.557	64.58215	66.08078	46.81929	3.312599	49.86812	17.63894	32.22918	27.05112	-9999
1765.595	1769.314	1408.314	64.94796	81.55622	66.49379	68.27563	48.53108	2.540842	48.92808	22.11128	26.8168	27.76921	-9999
1765.6	1769.319	1408.319	66.836	62.10359	67.94522	68.70044	54.88534	1.120907	43.99376	27.6875	16.30626	29.21485	-9999
1765.605	1769.325	1408.325	69.71526	75.19269	70.17547	71.13129	54.09871	1.756105	44.14519	12.77929	31.36589	28.92078	-9999
1765.61	1769.33	1408.33	73.03112	87.39062	73.40873	73.25533	48.73638	3.27432	47.9893	34.36605	13.62325	28.42545	-9999
1765.615	1769.336	1408.336	75.30857	110.7004	76.5004	77.30281	34.68999	7.174579	58.13543	25.83297	32.30246	27.12219	-9999
1765.62	1769.341	1408.341	73.68014	175.0319	75.47377	74.81296	15.95587	12.09948	71.94464	41.00099	30.94365	27.089	-9999
1765.625	1769.347	1408.347	71.6623	169.4203	74.29375	75.08437	12.67721	12.47145	74.85133	54.5079	20.34343	27.32705	-9999
1765.63	1769.352	1408.352	71.9573	176.0623	75.13157	81.6099	6.591651	14.10612	79.30223	73.11389	6.188337	-9999	-9999
1765.635	1769.358	1408.358	72.88952	192.6604	73.37333	85.29158	22.5683	10.53268	66.89902	33.77986	33.11915	23.6764	-9999
1765.64	1769.363	1408.363	73.52673	178.0953	72.31131	75.13157	38.67589	6.702524	54.62159	24.33597	30.28561	25.27118	-9999
1765.645	1769.369	1408.369	75.01356	130.9328	75.92218	78.21143	32.26	7.844551	59.89545	42.79809	17.09736	26.42366	-9999
1765.65	1769.374	1408.374	74.50615	120.1412	76.04019	77.30281	30.49142	8.206494	61.30209	40.44035	20.86173	26.84479	-9999
1765.655	1769.38	1408.38	73.84534	145.9434	75.46197	75.48557	24.21507	9.849629	65.93531	38.58277	27.35253	26.79321	-9999
1765.66	1769.386	1408.386	73.32613	116.7575	75.98118	75.63898	23.70796	9.748906	66.54313	49.74846	16.79467	27.48695	-9999
1765.665	1769.391	1408.391	71.56789	149.16	75.56818	74.02234	7.058625	13.71794	79.22343	61.83511	17.38833	-9999	-9999
1765.67	1769.397	1408.397	64.35795	125.5718	62.81211	57.80881	62.38251	1.81776	35.79973	26.76934	9.030384	29.66499	-9999
1765.675	1769.402	1408.402	58.83543	31.7341	58.33982	57.03	82.03273	0	17.96727	17.96727	0	30.2582	-9999
1765.68	1769.408	1408.408	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1765.715	1769.446	1408.446	93.66975	59.95921	93.43374	93.58715	41.14274	8.076502	50.78076	29.62253	21.15823	28.92042	-9999
1765.72	1769.452	1408.452	87.46282	57.18822	87.72243	87.23862	43.68271	6.484862	49.83242	17.09873	32.7337	29.14381	-9999
1765.725	1769.457	1408.457	85.79899	55.35018	85.96419	85.63378	46.38986	5.193151	48.41699	19.04817	29.36882	29.37996	-9999
1765.73	1769.463	1408.463	85.30338	67.4367	85.24438	86.2356	45.65847	5.043089	49.29844	16.2333	33.06514	28.86574	-9999
1765.735	1769.468	1408.468	84.31216	61.81118	84.13515	83.36814	48.84629	3.888078	47.26563	26.73977	20.52587	29.60144	-9999
1765.74	1769.474	1408.474	86.3064	81.69547	85.50398	83.53334	47.04654	3.942851	49.01061	25.24941	23.7612	29.42071	-9999
1765.745	1769.479	1408.479	86.6368	83.85377	85.82259	85.57478	46.31171	4.156041	49.53225	34.60021	14.93204	29.00681	-9999
1765.75	1769.485	1408.485	85.36238	51.77156	85.31518	85.00837	49.3037	4.049342	46.64696	27.23318	19.41377	29.77088	-9999
1765.755	1769.49	1408.49	88.81985	51.1728	89.04405	88.83165	44.16434	6.685174	49.15049	32.82659	16.3239	29.25397	-9999
1765.76	1769.496	1408.496	93.19774	65.47334	93.65795	93.44554	34.84691	11.56263	53.59046	34.30855	19.28191	28.36708	-9999
1765.765	1769.501	1408.501	94.47216	51.27028	95.05038	94.70817	36.19706	12.22604	51.5769	19.33246	32.24444	28.56379	-9999
1765.77	1769.507	1408.507	98.24824	54.43115	97.95324	98.89726	38.72557	10.43449	50.83994	24.15653	26.6834	28.62871	-9999
1765.775	1769.512	1408.512	95.75839	68.87094	95.75839	97.37502	35.23551	11.29505	53.46943	26.83871	26.63072	28.07887	-9999
1765.78	1769.518	1408.518	88.52484	32.06829	89.09125	89.66947	46.40693	6.5708	47.02227	16.15066	30.87161	29.57386	-9999
1765.785	1769.523	1408.523	84.24135	45.60297	84.63076	84.64256	48.44412	4.53094	47.02494	15.08317	31.94176	29.64613	-9999
1765.79	1769.529	1408.529	83.36814	44.60041	83.52154	83.29734	51.31914	3.349943	45.33092	29.89239	15.43853	30.05425	-9999
1765.795	1769.534	1408.534	86.4716	45.60297	86.69581	85.76359	47.67262	5.065021	47.26236	26.45288	20.80947	29.7997	-9999
1765.8	1769.54	1408.54	84.57176	46.18781	84.78417	85.31518	49.3704	4.16192	46.46768	30.89171	15.57597	29.67278	-9999
1765.805	1769.545	1408.545	86.73121	45.28271	86.90821	86.69581	47.8771	5.006592	47.11631	23.16961	23.9467	29.70604	-9999
1765.81	1769.551	1408.551	86.2946	48.03977	86.81381	86.74301	44.95946	6.173279	48.86726	21.62671	27.24054	29.28263	-9999
1765.815	1769.556	1408.556	88.20624	52.05005	88.07643	89.03225	47.26012	5.064661	47.67522	31.39471	16.28051	29.38288	-9999
1765.82	1769.562	1408.562	92.14752	55.3084	92.31272	93.90575	40.55932	8.723361	50.71731	27.317	23.40031	28.57835	-9999
1765.825	1769.567	1408.567	92.80833	58.71992	93.19774	93.00893	37.3882	10.47092	52.14088	31.33471	20.80617	28.5958	-9999
1765.83	1769.573	1408.573	81.11429	96.19095	80.08767	78.28223	50.05296	2.883967	47.06308	31.31327	15.74981	29.17925	-9999
1765.835	1769.578	1408.578	82.25891	222.4868	79.95787	74.74216	28.31311	8.37678	63.31011	31.45424	31.85588	26.57143	-9999
1765.84	1769.584	1408.584	74.25835	201.043	74.31735	70.91888	22.57266	10.68025	66.74709	50.74238	16.00471	26.3941	-9999
1765.845	1769.589	1408.589	72.47651	133.4392	71.08408	70.52947	51.82065	3.265791	44.91356	32.33559	12.57797	27.75289	-9999
1765.85	1769.595	1408.595	62.0097	79.50931	60.57007	60.80607	74.86695	0	25.13305	6.070626	19.06242	30.56346	-9999
1765.855	1769.601	1408.601	64.70015	80.76252	64.16914	63.17792	65.04666	0	34.95334	12.97376	21.97958	30.50721	-9999
1765.86	1769.606	1408.606	74.24655	94.15796	72.32311	71.50889	63.81361	0	36.18639	22.80723	13.37916	30.57974	-9999
1765.865	1769.612	1408.612	75.23777	45.26878	74.10495	74.30555	68.60559	0	31.39441	5.840589	25.55382	30.12472	-9999
1765.87	1769.617	1408.617	77.24381	49.68287	76.9134	75.87498	59.47309	0.44157	40.08534	12.00112	28.08421	31.09831	-9999
1765.875	1769.623	1408.623	79.72186	48.56891	78.69524	77.68042	62.85852	0	37.14148	7.089241	30.05223	31.05808	-9999

1765.88	1769.628	1408.628	81.03169	42.97123	79.55666	77.91642	66.48329	0	33.51671	23.45709	10.05961	30.4899	-9999
1765.885	1769.634	1408.634	82.60112	47.55241	81.4683	80.11127	61.27866	0	38.72134	14.8544	23.86693	31.403	-9999
1765.89	1769.639	1408.639	81.95211	48.9588	81.20869	77.46802	58.5175	0.632281	40.85022	21.90564	18.94458	31.72391	-9999
1765.895	1769.645	1408.645	81.25589	42.91553	80.22927	78.43564	62.81533	0	37.18467	6.219656	30.96501	31.32694	-9999
1765.9	1769.65	1408.65	82.82533	50.81076	82.14091	80.45348	56.8087	1.159371	42.03192	20.07561	21.95631	31.06123	-9999
1765.905	1769.656	1408.656	85.42138	95.24408	84.40656	80.87829	46.22813	3.912085	49.85979	22.44034	27.41945	29.3612	-9999
1765.91	1769.661	1408.661	81.23229	39.07235	81.03169	81.32669	57.36546	1.189677	41.44486	16.70158	24.74328	30.90315	-9999
1765.915	1769.667	1408.667	80.60688	74.95597	80.67768	77.79842	47.15361	4.108944	48.73744	16.45226	32.28518	29.40048	-9999
1765.92	1769.672	1408.672	94.02376	103.1532	95.32178	93.91755	18.47536	19.16822	62.35643	47.9074	14.44903	28.09863	-9999
1765.925	1769.678	1408.678	91.88791	33.59999	91.74631	90.49548	48.42935	5.696534	45.87412	32.96074	12.91338	30.26868	-9999
1765.93	1769.683	1408.683	89.02045	36.92797	89.09125	89.29186	48.6159	5.228861	46.15523	32.47566	13.67957	29.90421	-9999
1765.935	1769.689	1408.689	94.07096	36.17604	94.10636	95.55779	44.42576	8.082557	47.49168	31.82924	15.66244	29.22476	-9999
1765.94	1769.694	1408.694	100.2543	70.38871	99.75867	99.82947	34.57297	11.71196	53.71507	37.42898	16.28609	28.39881	-9999
1765.945	1769.7	1408.7	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1765.96	1769.716	1408.716	117.2466	69.03803	116.9162	114.568	17.98655	34.26071	47.75274	36.11374	11.63901	26.38632	-9999
1765.965	1769.722	1408.722	113.919	38.3065	113.7892	112.6681	26.93035	29.13238	43.93727	24.50574	19.43152	26.71527	-9999
1765.97	1769.727	1408.727	111.4527	41.69017	111.2049	110.5795	29.29497	23.94114	46.76389	33.27307	13.49082	27.31768	-9999
1765.975	1769.733	1408.733	117.6714	29.89606	117.8366	118.1199	23.2271	40.56112	36.21178	9.957696	26.25409	24.88288	-9999
1765.98	1769.738	1408.738	110.0367	60.2377	110.3081	110.9099	22.08533	29.04793	48.86673	35.16964	13.69709	26.60505	-9999
1765.985	1769.744	1408.744	118.1317	64.56824	117.223	117.4	22.73516	26.20529	51.05955	29.93126	21.12829	26.67141	-9999
1765.99	1769.749	1408.749	116.8218	84.41076	116.515	117.223	14.47427	34.87505	50.65068	43.85066	6.800013	26.01363	-9999
1765.995	1769.755	1408.755	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1767.075	1771.528	1410.528	94.38956	129.22	96.3956	95.959	6.343535	25.25795	68.39852	68.39852	0	-9999	-9999
1767.08	1771.532	1410.532	95.56959	82.08535	96.0888	96.60801	28.18744	14.92068	56.89188	27.78012	29.11177	27.79186	-9999
1767.085	1771.536	1410.536	99.65247	102.7773	100.6437	102.1777	15.76567	23.5352	60.69913	42.32935	18.36978	27.39458	-9999
1767.09	1771.541	1410.541	101.1747	71.55838	102.0597	102.0951	22.74326	22.5691	54.68764	35.04427	19.64337	27.48265	10
1767.095	1771.545	1410.545	105.5644	48.27649	106.0836	106.65	27.17396	23.90586	48.92018	26.05563	22.86455	27.19793	10
1767.1	1771.55	1410.55	106.6618	76.65477	107.8182	108.9157	14.35839	33.7532	51.88841	32.1249	19.76351	26.57474	10
1767.105	1771.554	1410.554	108.6915	78.04723	109.5293	111.6061	14.62335	34.23106	51.14559	33.92969	17.21591	26.2228	10
1767.11	1771.558	1410.558	107.417	106.3141	108.6797	110.3081	5.662966	38.2765	56.06054	50.079	5.981534	-9999	10
1767.115	1771.563	1410.563	110.3317	79.32829	111.3229	111.4881	11.61544	39.3104	49.07416	34.54839	14.52577	26.22301	10
1767.12	1771.567	1410.567	113.447	65.905	113.6004	113.7538	18.49092	33.97083	47.53825	18.79716	28.74109	26.12432	10
1767.125	1771.571	1410.571	118.9105	53.48428	119.0875	119.4179	16.2874	45.33662	38.37599	19.34223	19.03376	24.46861	10
1767.13	1771.576	1410.576	121.7071	65.61259	121.6599	119.6539	12.51701	49.08196	38.40103	21.90971	16.49132	24.4595	10
1767.135	1771.58	1410.58	124.2088	87.19567	124.1498	124.1498	5.083833	57.28545	37.63071	37.63071	0	-9999	10
1767.14	1771.584	1410.584	127.9377	70.7229	128.1147	129.4599	3.810639	74.86644	21.32292	21.32292	0	-9999	10
1767.145	1771.589	1410.589	129.9083	71.26596	130.3095	130.6399	0.128644	89.90247	9.968891	9.968891	0	-9999	10
1767.15	1771.593	1410.593	129.8965	52.245	130.1443	131.0293	5.931448	83.82819	10.24036	0.380378	9.859982	-9999	10
1767.155	1771.597	1410.597	130.1915	65.18092	130.4865	130.3685	2.16374	87.48829	10.34797	10.34797	0	-9999	10
1767.16	1771.602	1410.602	131.1945	63.17578	131.2771	131.6429	3.372339	85.08848	11.53918	11.53918	0	-9999	10
1767.165	1771.606	1410.606	130.8759	55.67044	130.8405	131.7727	6.396269	79.40973	14.194	14.194	0	-9999	10
1767.17	1771.611	1410.611	130.2269	65.34802	129.8847	128.9289	7.029136	68.00723	24.96363	24.96363	0	-9999	10
1767.175	1771.615	1410.615	128.5867	73.71669	128.1383	128.4451	7.336001	59.9727	32.6913	30.27242	2.418875	-9999	10
1767.18	1771.619	1410.619	129.4009	83.11577	129.4717	128.1265	0.28846	78.4643	21.24724	21.24724	0	-9999	10
1767.185	1771.624	1410.624	128.1619	70.7786	128.4097	128.7519	3.04218	77.74337	19.21445	19.21445	0	-9999	10
1767.19	1771.628	1410.628	125.7192	115.3372	125.849	127.0408	0	68.50649	31.49351	31.49351	0	-9999	10
1767.195	1771.632	1410.632	126.5924	90.78821	126.8638	126.0968	0	73.59898	26.40102	26.40102	0	-9999	10
1767.2	1771.637	1410.637	124.9286	111.132	125.495	126.9936	0	76.08501	23.91499	23.91499	0	-9999	10
1767.205	1771.641	1410.641	123.017	122.3831	123.5952	125.6012	0	70.12486	29.87514	29.87514	0	-9999	10
1767.21	1771.645	1410.645	122.1319	144.0497	122.1555	125.0466	0	56.96448	43.03552	43.03552	0	-9999	10
1767.215	1771.65	1410.65	122.4033	146.8068	123.4654	127.1942	0	80.18849	19.81151	19.81151	0	-9999	10
1767.22	1771.654	1410.654	122.9107	149.4942	123.6778	125.849	0	75.76705	24.23295	24.23295	0	-9999	10
1767.225	1771.658	1410.658	121.6245	158.211	122.2263	120.7395	0	68.33286	31.66714	31.66714	0	-9999	10
1767.23	1771.663	1410.663	121.7543	170.1722	122.2263	123.0288	0	66.87236	33.12764	33.12764	0	-9999	10
1767.235	1771.667	1410.667	123.312	161.6643	123.7958	125.3888	0	71.69608	28.30392	28.30392	0	-9999	10
1767.24	1771.672	1410.672	121.9431	162.0542	122.9698	122.2145	0	78.67588	21.32412	21.32412	0	-9999	10
1767.245	1771.676	1410.676	115.9368	108.4724	116.3852	119.2881	3.612642	46.34462	50.04273	49.16382	0.878917	-9999	10
1767.25	1771.68	1410.68	113.1637	125.2376	113.5414	115.335	2.65539	40.43733	56.90728	56.90728	0	-9999	10
1767.255	1771.685	1410.685	114.7686	120.9767	115.1934	115.4766	1.844279	44.17683	53.9789	53.9789	0	-9999	10
1767.26	1771.689	1410.689	113.0103	122.4109	113.8482	114.981	0	46.1349	53.8651	53.8651	0	-9999	10
1767.265	1771.693	1410.693	115.158	120.3083	115.512	116.8572	2.196483	43.94763	53.85589	53.85589	0	-9999	10
1767.27	1771.698	1410.698	114.155	122.397	114.8748	114.4264	0	47.13972	52.86028	52.86028	0	-9999	10
1767.275	1771.702	1410.702	111.1223	110.2687	111.9483	112.9041	4.680823	41.03686	54.28232	53.54254	0.739784	-9999	10
1767.28	1771.706	1410.706	109.8715	79.70425	110.7447	110.6149	12.86237	37.0017	50.13593	44.52375	5.612179	26.42896	10
1767.285	1771.711	1410.711	113.4234	104.3229	114.2966	116.338	3.636934	46.36353	49.99953	44.17607	5.823469	-9999	10
1767.29	1771.715	1410.715	113.919	118.8462	114.5208	115.9722	1.76972	44.68375	53.54653	53.54653	0	-9999	10
1767.295	1771.719	1410.719	115.3822	99.43537	115.7008	114.3792	7.31582	42.50358	50.1806	48.22119	1.959413	-9999	10
1767.3	1771.724	1410.724	116.338	76.11171	116.928	117.1876	9.977398	47.35392	42.66868	36.00641	6.662269	25.02052	10
1767.305	1771.728	1410.728	116.8572	81.66762	117.2584	118.5211	9.618426	45.98692	44.39465	37.53907	6.85558	25.00211	10
1767.31	1771.733	1410.733	114.3438	83.63098	114.627	115.2642	12.37019	38.71955	48.91026	34.22965	14.68061	25.88139	10
1767.315	1771.737	1410.737	113.8836	66.74048	114.1904	114.2376	16.69818	36.97175	46.33007	27.72473	18.60535	25.87931	10
1767.32	1771.741	1410.741	112.8923	58.5389	113.388	114.7804	18.13165	36.96159	44.90676	33.73388	11.17288	25.60754	10
1767.325	1771.746	1410.746	111.6533	62.88337	112.1961	112.6917	17.85439	35.38227	46.76335	33.91432	12.84903	26.03288	10

1767.33	1771.75	1410.75	115.0636	64.86066	115.748	116.7864	13.14101	44.9044	41.95459	24.08651	17.86809	24.95744	10
1767.335	1771.754	1410.754	118.5565	99.19865	119.4179	119.0049	0.245995	59.65166	40.10235	40.10235	0	-9999	10
1767.34	1771.759	1410.759	122.2263	115.3233	122.5213	124.2796	0	60.94927	39.05073	39.05073	0	-9999	10
1767.345	1771.763	1410.763	125.4124	116.8968	126.0378	127.4066	0	79.82472	20.17528	20.17528	0	-9999	10
1767.35	1771.767	1410.767	126.1912	120.4476	126.97	127.619	0	87.2481	12.7519	12.7519	0	-9999	10
1767.355	1771.772	1410.772	128.6103	86.72224	129.1177	128.9997	0	88.19005	11.80995	11.80995	0	-9999	10
1767.36	1771.776	1410.776	126.6986	106.2723	127.324	127.088	0	84.41715	15.58285	15.58285	0	-9999	10
1767.365	1771.78	1410.78	127.2768	104.6849	128.2799	128.3035	0	97.28947	2.710533	2.710533	0	-9999	10
1767.37	1771.785	1410.785	128.1147	100.8	128.4687	129.7431	0	82.57436	17.42564	17.42564	0	-9999	10
1767.375	1771.789	1410.789	127.5364	121.7286	128.2327	127.3476	0	91.08249	8.917515	8.917515	0	-9999	10
1767.38	1771.794	1410.794	127.4774	121.1159	127.9731	126.7104	0	85.21145	14.78855	14.78855	0	-9999	10
1767.385	1771.798	1410.798	126.9582	137.7976	128.2209	128.3153	0	100	0	0	0	-9999	10
1767.39	1771.802	1410.802	125.1646	149.4107	125.8844	126.7576	0	83.37564	16.62436	16.62436	0	-9999	10
1767.395	1771.807	1410.807	125.2236	143.7155	125.6012	124.6454	0	74.77436	25.22564	25.22564	0	-9999	10
1767.4	1771.811	1410.811	124.3268	151.1373	124.964	124.256	0	78.19268	21.80732	21.80732	0	-9999	10
1767.405	1771.815	1410.815	127.6426	126.644	128.0085	127.3476	0	82.69098	17.30902	17.30902	0	-9999	10
1767.41	1771.82	1410.82	127.9023	115.2815	128.6811	131.0175	0	94.68059	5.319411	5.319411	0	-9999	10
1767.415	1771.824	1410.824	127.9967	84.96774	128.3035	129.6015	0	79.68747	20.31253	20.31253	0	-9999	10
1767.42	1771.828	1410.828	126.2856	120.6703	126.6278	126.498	0	76.29007	23.70993	23.70993	0	-9999	10
1767.425	1771.833	1410.833	126.2502	121.3248	126.7576	129.2357	0	80.47075	19.52925	19.52925	0	-9999	10
1767.43	1771.837	1410.837	128.5631	108.8762	129.2829	129.4245	0	95.69571	4.304293	4.304293	0	-9999	10
1767.435	1771.842	1410.842	128.1737	122.1603	128.1973	126.2974	0	74.96926	25.03074	25.03074	0	-9999	10
1767.44	1771.846	1410.846	128.7873	115.0866	128.7991	128.5159	0	76.48051	23.51949	23.51949	0	-9999	10
1767.445	1771.85	1410.85	126.9228	144.732	127.8905	129.9083	0	97.2959	2.7041	2.7041	0	-9999	10
1767.45	1771.855	1410.855	127.1116	144.9269	127.737	128.4097	0	88.80495	11.19505	11.19505	0	-9999	10
1767.455	1771.859	1410.859	129.2593	129.3314	129.6959	129.2121	0	91.91301	8.086991	8.086991	0	-9999	10
1767.46	1771.863	1410.863	133.0944	131.5315	134.6638	137.7319	0	100	0	0	0	-9999	10
1767.465	1771.868	1410.868	137.9089	136.0291	139.9739	144.1748	0	100	0	0	0	-9999	10
1767.47	1771.872	1410.872	134.5104	199.9986	136.0326	142.7234	0	100	0	0	0	-9999	10
1767.475	1771.876	1410.876	125.8372	384.1233	125.5068	142.2867	0	75.70296	24.29704	24.29704	0	-9999	10
1767.48	1771.881	1410.881	117.872	483.4194	108.1368	109.6237	0	0	100	100	0	-9999	10
1767.485	1771.885	1410.885	113.0457	551.3713	101.3989	97.92964	0	0	100	100	0	-9999	2
1767.49	1771.889	1410.889	104.3372	144.4674	102.7441	101.5405	21.39469	11.28562	67.31969	45.54306	21.77663	28.36473	2
1767.495	1771.894	1410.894	94.84977	37.12291	94.15356	92.18292	49.15013	4.898632	45.95124	30.66395	15.2873	30.59558	2
1767.5	1771.898	1410.898	95.21558	37.94446	96.313	97.37502	34.71408	14.86509	50.42083	25.53998	24.88085	28.17607	2
1767.505	1771.903	1410.903	96.64341	106.1052	97.70543	97.00922	17.17993	20.75325	62.06683	41.66803	20.3988	27.90278	2
1767.51	1771.907	1410.907	95.43978	52.89945	96.1832	94.29516	33.63226	14.09312	52.27462	35.57579	16.69884	28.60435	2
1767.515	1771.911	1410.911	94.12996	47.32962	93.66975	92.23012	45.51329	6.384816	48.10189	26.53696	21.56493	29.84038	2
1767.52	1771.916	1410.916	90.71969	55.64259	90.10608	88.83165	47.82788	4.552044	47.62008	27.38138	20.2387	29.92626	2
1767.525	1771.92	1410.92	91.2979	73.98125	91.68731	92.69033	35.08456	10.44579	54.46965	39.15582	15.31383	28.05858	2
1767.53	1771.924	1410.924	93.97655	43.05478	93.68155	93.38654	45.40861	6.827925	47.76346	34.46246	13.301	29.63038	2
1767.535	1771.929	1410.929	93.91755	55.22485	93.09154	95.14478	46.63307	5.019204	48.34773	26.45183	21.8959	29.30598	2
1767.54	1771.933	1410.933	89.38626	47.91445	89.06765	89.23286	48.63854	4.617911	46.74355	27.18278	19.56076	29.79164	2
1767.545	1771.937	1410.937	86.04679	50.62975	86.87281	87.58082	42.18292	7.289398	50.52768	26.70906	23.81862	28.8015	2
1767.55	1771.942	1410.942	86.92001	55.01599	86.212	84.41836	52.20684	2.664258	45.12891	16.96172	28.16719	30.47823	2
1767.555	1771.946	1410.946	91.4631	109.5585	89.38626	84.87857	45.43631	2.441635	52.12205	28.86159	23.26046	29.72646	2
1767.56	1771.95	1410.95	95.62859	140.8053	97.03282	92.48972	7.064048	24.01993	68.91602	51.21551	17.70051	-9999	2
1767.565	1771.955	1410.955	95.21558	75.08129	93.78775	91.87611	45.29767	3.931846	50.77048	26.9011	23.86938	29.81571	2
1767.57	1771.959	1410.959	96.99742	130.696	94.50757	87.84043	38.43028	2.679516	58.8902	21.64755	37.24265	29.77015	2
1767.575	1771.964	1410.964	96.0298	84.41076	95.23918	98.02404	37.35246	8.214146	54.43339	31.16273	23.27067	28.00314	2
1767.58	1771.968	1410.968	99.19226	86.16525	100.4785	99.61707	17.92287	23.89753	58.1796	39.36064	18.81896	27.74786	2
1767.585	1771.972	1410.972	100.2779	54.89066	100.0419	98.77925	36.28984	12.44424	51.26592	26.81806	24.44786	28.75452	2
1767.59	1771.977	1410.977	104.172	52.64881	103.7118	103.9242	34.9874	14.04189	50.97071	33.36129	17.60942	28.34718	2
1767.595	1771.981	1410.981	110.5795	105.6736	111.1459	112.4675	8.304167	36.50521	55.19062	45.88888	9.301747	26.63733	2
1767.6	1771.985	1410.985	107.9598	92.54271	106.9568	104.7502	26.05502	15.28211	58.66288	36.99667	21.6662	28.37776	2
1767.605	1771.99	1410.99	107.358	90.67682	106.0128	103.4285	29.71234	11.47533	58.81234	30.24106	28.57128	28.82416	2
1767.61	1771.994	1410.994	106.5556	70.34694	105.7178	103.2869	31.43796	14.1205	54.44154	38.29703	16.14451	28.64326	2
1767.615	1771.998	1410.998	109.7889	82.23852	108.8095	107.9952	26.68301	16.46756	56.84943	30.8446	26.00482	28.04268	2
1767.62	1772.003	1411.003	106.0836	93.85162	103.936	101.4697	36.33524	4.07481	59.58995	29.20305	30.38691	29.66907	2
1767.625	1772.007	1411.007	99.97108	60.73898	99.02706	100.3959	40.64392	7.907794	51.44828	24.75964	26.68864	28.86081	2
1767.63	1772.011	1411.011	99.26306	67.72912	100.3723	96.2894	23.69106	21.5117	54.79725	27.27369	27.52356	28.34761	2
1767.635	1772.016	1411.016	102.2957	42.97123	102.3075	101.6703	35.39744	15.2995	49.30306	34.98651	14.31654	28.4522	2
1767.64	1772.02	1411.02	97.15082	47.58026	98.86186	100.1953	25.8463	21.46717	52.68653	25.29401	27.39252	27.47745	2
1767.645	1772.025	1411.025	96.99742	37.86091	97.69363	99.01526	36.20437	14.29137	49.50425	19.72181	29.78244	28.23019	2
1767.65	1772.029	1411.029	95.68759	48.12332	96.46641	98.02404	34.28575	14.20357	51.51068	35.05968	16.451	28.0235	2
1767.655	1772.033	1411.033	97.71723	51.08926	97.11542	96.2658	42.40059	7.998918	49.60049	31.09794	18.50255	29.41143	2
1767.66	1772.038	1411.038	99.15686	66.96327	98.94446	97.81163	34.21671	12.49912	53.28417	35.33402	17.95015	28.52715	2
1767.665	1772.042	1411.042	99.85308	46.71694	100.1009	105.3048	34.90918	14.81343	50.27739	19.0202	31.25719	27.35785	2
1767.67	1772.046	1411.046	100.8089	46.522	100.9623	99.87668	34.80862	15.08628	50.1051	19.36589	30.73921	28.49832	2
1767.675	1772.051	1411.051	101.4815	51.42345	102.2485	100.3133	28.24817	20.70572	51.04611	30.18744	20.85867	28.00824	2
1767.68	1772.055	1411.055	101.5169	45.68652	102.6969	104.6794	26.40312	23.54981	50.04707	23.96616	26.08091	27.08182	2
1767.685	1772.059	1411.059	100.6319	28.90741	100.9269	101.6467	38.13677	14.72836	47.13487	22.4302	24.70467	28.48865	2
1767.69	1772.064	1411.064	102.9211	17.07153	102.9801	102.3901	40.72398	14.572	44.70401	21.1382	23.56581	29.01187	2

1767.695	1772.068	1411.068	99.72327	35.00638	99.49907	98.50785	41.52063	10.72261	47.75675	18.03855	29.7182	29.33403	2
1767.7	1772.072	1411.072	98.13024	66.12779	98.61405	97.97684	29.96773	15.99226	54.04002	26.07925	27.96076	28.07387	2
1767.705	1772.077	1411.077	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1768.02	1772.351	1411.351	109.9187	126.7972	108.2902	104.0894	20.81026	12.79662	66.39312	48.99491	17.39821	29.05824	-9999
1768.025	1772.356	1411.356	112.5265	135.2772	110.4261	107.4878	20.01693	9.593581	70.38949	37.28174	33.10774	29.2437	-9999
1768.03	1772.36	1411.36	104.8918	72.68627	104.8682	104.2664	26.09239	19.82475	54.08286	36.94459	17.13828	27.70916	-9999
1768.035	1772.364	1411.364	104.054	78.28395	103.3813	103.5348	30.5384	13.94091	55.5207	37.5237	17.997	28.08654	-9999
1768.04	1772.369	1411.369	102.5553	116.674	100.6083	98.31904	32.50355	6.088734	61.40772	38.90607	22.50164	28.96833	-9999
1768.045	1772.373	1411.373	99.12146	104.3647	97.56383	94.30696	35.62365	6.603414	57.77293	40.69129	17.08164	29.11453	-9999
1768.05	1772.377	1411.377	97.49303	99.3936	96.0298	94.84977	37.5932	6.202859	56.20394	31.39026	24.81368	28.80935	-9999
1768.055	1772.382	1411.382	95.9708	82.82336	94.75537	94.15356	41.08316	5.825858	53.09098	32.32311	20.76787	29.03286	-9999
1768.06	1772.386	1411.386	94.44856	117.3981	92.99713	92.00591	35.94557	6.416634	57.6378	30.9849	26.6529	28.32488	-9999
1768.065	1772.391	1411.391	94.04736	80.21946	92.77293	92.21832	43.94013	4.614536	51.44534	25.10128	26.34406	29.26306	-9999
1768.07	1772.395	1411.395	93.24494	60.07061	92.39532	90.12968	46.2621	4.929024	48.80887	15.80109	33.00778	29.97774	-9999
1768.075	1772.399	1411.399	92.17112	58.26041	91.64011	90.17688	45.21889	5.760528	49.02059	16.99569	32.02489	29.64542	-9999
1768.08	1772.404	1411.404	90.53088	70.16592	89.37446	89.30366	48.69372	3.246237	48.06004	14.49176	33.56828	29.66983	-9999
1768.085	1772.408	1411.408	90.29488	85.23231	89.35086	87.21502	43.61864	5.031937	51.34942	17.76179	33.58763	29.23153	-9999
1768.09	1772.412	1411.412	91.91151	91.26165	90.79049	86.09399	42.04402	5.287501	52.66848	27.50907	25.15941	29.57803	-9999
1768.095	1772.417	1411.417	97.22162	192.6604	94.94417	86.94361	21.58251	8.000836	70.41666	37.64917	32.76748	29.06081	-9999
1768.1	1772.421	1411.421	98.62585	269.0924	94.70817	85.02017	14.50589	4.440542	81.05357	56.48433	24.56924	29.55964	-9999
1768.105	1772.425	1411.425	96.3838	202.8949	94.35416	87.42742	17.95605	9.833802	72.21015	39.55134	32.65882	28.8329	-9999
1768.11	1772.43	1411.43	96.2776	256.8805	93.35114	83.53334	11.93959	8.974807	79.0856	63.98893	15.09667	29.47282	-9999
1768.115	1772.434	1411.434	95.40438	266.6973	94.00016	82.12911	0	17.05006	82.94994	82.94994	0	-9999	-9999
1768.12	1772.438	1411.438	94.66097	180.5042	93.62255	83.41534	17.27765	12.76995	69.9524	38.52887	31.42353	29.4405	-9999
1768.125	1772.443	1411.443	93.43374	190.0704	93.13874	84.37116	10.33021	16.43227	73.23752	63.58811	9.649409	29.5808	-9999
1768.13	1772.447	1411.447	93.11514	168.8354	93.25674	85.62198	12.37847	16.91553	70.70599	50.25959	20.4464	29.29719	-9999
1768.135	1772.452	1411.452	94.61377	152.4601	93.17414	82.61292	27.21711	8.894298	63.88859	34.94879	28.9398	29.49437	-9999
1768.14	1772.456	1411.456	94.61377	118.7905	94.55477	85.55118	24.66529	13.54336	61.79136	41.42835	20.36301	29.34367	-9999
1768.145	1772.46	1411.46	96.0298	146.4865	98.14204	83.55694	0	29.17799	70.82201	70.82201	0	-9999	-9999
1768.15	1772.465	1411.465	95.87639	212.6004	96.58441	80.27647	0	25.07825	74.92175	74.92175	0	-9999	-9999
1768.155	1772.469	1411.469	95.56959	186.5196	96.0534	82.03471	3.188698	21.77185	75.03946	75.03946	0	-9999	-9999
1768.16	1772.473	1411.473	93.56355	205.9584	92.46612	80.83108	12.58464	13.7535	73.66186	62.47073	11.19113	29.80498	-9999
1768.165	1772.478	1411.478	98.09484	273.6875	99.06246	82.78992	0	33.07513	66.92487	66.92487	0	-9999	-9999
1768.17	1772.482	1411.482	102.5435	354.3107	100.9151	88.18264	0	24.37956	75.62044	75.62044	0	-9999	-9999
1768.175	1772.486	1411.486	97.13902	192.6186	95.14478	86.73121	19.47377	9.488415	71.03782	45.6038	25.43402	29.16834	-9999
1768.18	1772.491	1411.491	100.0301	171.4393	99.28666	93.05614	12.24548	16.72703	71.02749	45.69766	25.32983	29.24069	-9999
1768.185	1772.495	1411.495	104.0422	233.2366	104.939	106.001	0	37.55317	62.44683	62.44683	0	-9999	-9999
1768.19	1772.499	1411.499	105.1278	214.6194	107.0866	103.8652	0	48.0014	51.9986	51.9986	0	-9999	-9999
1768.195	1772.504	1411.504	106.2016	264.8036	108.9157	110.9571	0	61.56338	38.43662	38.43662	0	-9999	-9999
1768.2	1772.508	1411.508	107.004	303.9595	110.2373	116.4324	0	72.14748	27.85252	27.85252	0	-9999	-9999
1768.205	1772.513	1411.513	105.116	247.4675	107.2046	110.6503	0	51.45775	48.54225	48.54225	0	-9999	-9999
1768.21	1772.517	1411.517	105.234	239.4191	106.3786	108.8921	0	42.10878	57.89122	57.89122	0	-9999	-9999
1768.215	1772.521	1411.521	103.4521	257.7995	103.3459	99.23946	0	30.06162	69.93838	69.93838	0	-9999	-9999
1768.22	1772.526	1411.526	101.5169	213.7561	102.1659	99.01526	0	30.80944	69.19056	69.19056	0	-9999	-9999
1768.225	1772.53	1411.53	105.765	352.4449	104.3136	97.70543	0	27.22222	72.77778	72.77778	0	-9999	-9999
1768.23	1772.534	1411.534	99.18046	249.8068	99.25126	99.68787	0	26.70518	73.29482	73.29482	0	-9999	-9999
1768.235	1772.539	1411.539	94.77897	191.0451	93.82315	90.92029	13.97803	13.94461	72.07737	59.29171	12.78566	28.24234	-9999
1768.24	1772.543	1411.543	95.36898	229.9643	93.31574	83.09673	12.5218	11.34107	76.13713	48.62539	27.51174	29.54397	-9999
1768.245	1772.547	1411.547	98.30724	288.5311	96.63161	94.67277	0	18.05184	81.94816	81.94816	0	-9999	-9999
1768.25	1772.552	1411.552	92.47792	199.6227	91.91151	91.88791	11.00131	15.29333	73.70536	57.2077	16.49766	27.79559	-9999
1768.255	1772.556	1411.556	91.80531	181.2144	90.04707	84.73696	25.31156	8.640041	66.0484	38.21274	27.83566	28.07183	-9999
1768.26	1772.56	1411.56	91.1209	180.9637	89.74027	86.3182	23.07542	10.00044	66.92414	46.76255	20.16159	27.71683	-9999
1768.265	1772.565	1411.565	98.83825	250.698	96.70241	92.41892	4.95268	12.98573	82.06159	81.39038	0.67121	-9999	-9999
1768.27	1772.569	1411.569	90.88489	147.3777	90.67249	88.40684	22.36664	12.51443	65.11893	40.16585	24.95308	27.82548	-9999
1768.275	1772.574	1411.574	90.23588	165.2568	89.52786	86.80201	22.47795	11.35893	66.16312	37.31498	28.84814	27.70757	-9999
1768.28	1772.578	1411.578	93.09154	169.0582	93.78775	92.63133	8.048033	19.64593	72.30604	57.29126	15.01478	28.52448	-9999
1768.285	1772.582	1411.582	89.62227	145.9991	89.35086	88.33604	24.31912	11.53859	64.1423	34.50889	29.63341	27.50764	-9999
1768.29	1772.587	1411.587	95.39258	230.8555	93.43374	83.95815	11.55281	11.86775	76.57944	61.43271	15.14673	29.48758	-9999
1768.295	1772.591	1411.591	97.90604	223.2248	95.87639	91.3805	11.63576	11.53334	76.83089	59.6392	17.1917	28.8334	-9999
1768.3	1772.595	1411.595	98.55505	289.9931	97.67003	81.91671	0	22.93254	77.06746	77.06746	0	-9999	-9999
1768.305	1772.6	1411.6	104.467	321.3374	103.7	90.46008	0	29.91896	70.08104	70.08104	0	-9999	-9999
1768.31	1772.604	1411.604	101.5877	397.7276	98.72025	82.44772	0	18.74756	81.25244	81.25244	0	-9999	-9999
1768.315	1772.608	1411.608	106.3432	334.8303	106.296	96.64341	0	39.02415	60.97585	60.97585	0	-9999	-9999
1768.32	1772.613	1411.613	105.5054	236.7874	105.7886	105.2104	0	34.38588	65.61412	65.61412	0	-9999	-9999
1768.325	1772.617	1411.617	104.3844	181.4233	104.7266	108.1486	0	29.71794	70.28206	70.28206	0	-9999	-9999
1768.33	1772.621	1411.621	102.2013	181.6878	102.3547	106.237	0.817455	25.64813	73.53441	73.53441	0	-9999	-9999
1768.335	1772.626	1411.626	102.2013	164.6024	101.1511	104.1956	14.28023	15.54316	70.17662	54.15115	16.02546	27.52329	-9999
1768.34	1772.63	1411.63	102.1305	118.5538	101.9299	103.877	18.90458	18.63151	62.46391	38.41599	24.04792	27.3725	-9999
1768.345	1772.635	1411.635	115.3114	196.8099	112.6799	109.2697	6.67929	8.100864	85.21985	67.78624	17.43361	-9999	-9999
1768.35	1772.639	1411.639	112.5855	199.6784	110.9453	108.6443	0.810952	19.32274	79.86631	79.86631	0	-9999	7
1768.355	1772.643	1411.643	122.0729	430.5756	120.9755	120.2557	0	53.72382	46.27618	46.27618	0	-9999	7
1768.36	1772.648	1411.648	126.3328	342.7812	128.4805	114.1904	0	100	0	0	0	-9999	7
1768.365	1772.652	1411.652	132.1385	265.6251	135.7376	130.6517	0	100	0	0	0	-9999	7

1768.37	1772.656	1411.656	137.2952	156.0248	138.6641	139.8323	0	100	0	0	0	-9999	7
1768.375	1772.661	1411.661	134.3806	98.97586	135.3482	135.124	0	100	0	0	0	-9999	7
1768.38	1772.665	1411.665	133.7198	69.95705	133.8496	131.6547	0	99.24502	0.754983	0.754983	0	-9999	7
1768.385	1772.669	1411.669	131.1591	67.21391	131.2299	130.2033	2.519133	84.82074	12.66012	12.66012	0	-9999	7
1768.39	1772.674	1411.674	131.1119	87.19567	131.7727	129.8965	0	100	0	0	0	-9999	7
1768.395	1772.678	1411.678	130.9585	99.82526	131.6783	126.793	0	100	0	0	0	-9999	7
1768.4	1772.683	1411.683	129.1177	80.72075	128.5395	123.7486	6.158459	58.44471	35.39684	31.26167	4.135162	-9999	7
1768.405	1772.687	1411.687	130.1915	58.45535	130.4983	130.0971	3.699876	87.40355	8.896573	8.896573	0	-9999	7
1768.41	1772.691	1411.691	132.2447	50.83861	132.4571	132.8938	4.38576	93.51101	2.103232	0	2.103232	-9999	7
1768.415	1772.696	1411.696	131.6429	34.76966	131.5957	131.3007	10.84006	80.87906	8.280882	0	8.280882	18.24677	7
1768.42	1772.7	1411.7	134.3924	48.72208	134.1682	132.9174	6.305848	87.88749	5.806661	0	5.806661	-9999	7
1768.425	1772.704	1411.704	135.7376	37.49887	135.301	133.9322	9.430388	85.07465	5.494963	0	5.494963	17.00415	7
1768.43	1772.709	1411.709	133.472	45.35233	132.823	130.5337	11.26038	68.39987	20.33975	0	20.33975	20.03612	7
1768.435	1772.713	1411.713	131.8553	55.2527	131.1473	129.5071	10.80905	61.46285	27.7281	7.494773	20.23333	21.34033	7
1768.44	1772.717	1411.717	130.4039	44.21052	130.4039	129.3537	9.329464	77.78693	12.8836	0	12.8836	19.27739	7
1768.445	1772.722	1411.722	130.0381	52.9273	130.8759	131.5013	1.032024	97.04379	1.924189	1.924189	0	-9999	7
1768.45	1772.726	1411.726	130.6163	52.43994	130.9113	131.3479	4.856234	88.58372	6.560041	6.560041	0	-9999	7
1768.455	1772.73	1411.73	130.2387	54.13874	130.2859	130.0499	6.713014	79.23601	14.05098	5.71382	8.337157	-9999	7
1768.46	1772.735	1411.735	127.5718	77.37885	126.5098	125.8136	12.13889	41.1255	46.73561	27.82967	18.90594	24.6777	7
1768.465	1772.739	1411.739	127.8551	52.48171	127.7252	126.8166	10.67875	64.88905	24.4322	4.949708	19.48249	21.4304	7
1768.47	1772.744	1411.744	125.3888	56.67301	124.5392	123.9374	17.51197	40.09722	42.39081	33.09753	9.293275	24.61857	7
1768.475	1772.748	1411.748	124.1734	59.40223	123.4064	122.4741	17.32953	39.48095	43.18952	33.87885	9.310669	24.90725	7
1768.48	1772.752	1411.752	124.5274	65.72398	123.1586	121.2469	20.13802	27.43512	52.42685	27.00741	25.41945	26.54762	7
1768.485	1772.757	1411.757	126.0968	55.78184	124.4094	123.4182	23.56934	21.88064	54.55001	28.53135	26.01866	26.88417	7
1768.49	1772.761	1411.761	126.9228	62.74412	125.4596	123.2176	19.38695	28.87609	51.73696	35.42903	16.30793	26.21188	7
1768.495	1772.765	1411.765	130.0145	65.89108	129.5543	128.5277	8.007647	63.75391	28.23844	28.23844	0	21.57721	7
1768.5	1772.77	1411.77	128.9643	70.01275	127.4302	124.5746	16.29853	30.97012	52.73136	37.01659	15.71477	25.9785	7
1768.505	1772.774	1411.774	132.4925	52.983	132.0677	127.56	8.57724	72.95813	18.46463	6.553558	11.91107	20.29768	7
1768.51	1772.778	1411.778	130.4393	58.14901	129.8257	125.849	10.67928	60.01562	29.3051	20.75401	8.551093	22.26526	7
1768.515	1772.783	1411.783	128.7873	83.90947	127.9023	123.253	8.06851	49.16142	42.77007	28.873	13.89707	24.56127	7
1768.52	1772.787	1411.787	126.203	70.63936	124.6808	121.5183	18.59579	26.87246	54.53175	31.50728	23.02447	26.78059	7
1768.525	1772.791	1411.791	123.194	75.93069	121.1761	119.2055	23.9246	13.16972	62.90567	47.29978	15.60589	28.45122	7
1768.53	1772.796	1411.796	124.787	92.0832	122.8281	120.3383	18.09285	16.8469	65.06025	41.45318	23.60707	28.18709	7
1768.535	1772.8	1411.8	119.8191	86.80578	117.7186	114.8394	25.03788	10.04501	64.91711	44.12077	20.79634	29.12322	7
1768.54	1772.805	1411.805	115.6182	108.18	113.4706	110.5795	24.09594	8.547852	67.35621	43.74946	23.60675	29.31871	7
1768.545	1772.809	1411.809	116.7982	138.0621	113.5886	109.5175	24.00951	0	75.99049	33.65628	42.33421	26.03542	7
1768.55	1772.813	1411.813	118.2851	114.0701	116.8572	112.5265	14.63846	21.45255	63.90898	35.54103	28.36795	28.47948	7
1768.555	1772.818	1411.818	122.6275	78.56244	121.8369	119.3825	14.29783	37.06152	48.64065	30.27221	18.36844	25.89205	7
1768.56	1772.822	1411.822	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1768.565	1772.826	1411.826	143.5258	191.3375	145.7678	145.4728	0	100	0	0	0	-9999	7
1768.57	1772.831	1411.831	130.6045	188.2045	129.0705	126.1086	0	41.87487	58.12513	58.12513	0	-9999	7
1768.575	1772.835	1411.835	130.7579	168.2088	131.3597	125.8608	0	100	0	0	0	-9999	7
1768.58	1772.839	1411.839	127.7606	153.7412	125.5304	121.9667	2.539237	17.32376	80.137	80.137	0	-9999	7
1768.585	1772.844	1411.844	127.3358	112.0789	127.501	126.5924	0	75.02507	24.97493	24.97493	0	-9999	7
1768.59	1772.848	1411.848	128.2209	94.01871	128.6339	128.3507	0	84.24253	15.75747	15.75747	0	-9999	7
1768.595	1772.852	1411.852	125.8962	61.78333	125.5776	125.1882	11.69312	54.40441	33.90246	13.11547	20.787	23.00719	7
1768.6	1772.857	1411.857	126.498	61.78333	125.4478	123.9846	16.80947	38.06463	45.1259	28.72622	16.39968	24.98083	7
1768.605	1772.861	1411.861	126.9936	84.02087	125.5422	123.5952	14.08139	30.71623	55.20239	39.39088	15.81151	26.26451	7
1768.61	1772.866	1411.866	127.9023	87.07035	126.0024	123.6778	15.98266	21.12162	62.89573	37.95904	24.93668	27.43371	7
1768.615	1772.87	1411.87	129.8375	62.27069	129.1177	126.5098	11.05857	55.28336	33.65807	30.394	3.26407	22.76628	7
1768.62	1772.874	1411.874	127.9849	44.50293	127.7016	126.852	13.67907	60.611	25.70993	17.34828	8.361654	21.70518	7
1768.625	1772.879	1411.879	128.5985	56.57554	127.4656	125.1882	16.77751	40.12599	43.0965	34.67855	8.417949	24.57018	7
1768.63	1772.883	1411.883	134.2154	69.91528	134.2744	133.5192	0	99.13315	0.866852	0.866852	0	-9999	7
1768.635	1772.887	1411.887	132.0913	61.10102	131.3715	131.3597	9.268086	62.25193	28.47999	19.2883	9.191684	21.05726	7
1768.64	1772.892	1411.892	135.006	103.8077	135.0532	137.5076	0	100	0	0	0	-9999	7
1768.645	1772.896	1411.896	135.4662	68.02154	135.6904	134.6992	0	100	0	0	0	-9999	7
1768.65	1772.9	1411.9	136.5754	65.93285	136.9058	135.714	0	100	0	0	0	-9999	7
1768.655	1772.905	1411.905	136.363	80.02452	136.304	135.9264	0	100	0	0	0	-9999	7
1768.66	1772.909	1411.909	135.419	48.40181	135.714	136.1978	1.245961	88.05512	10.69892	10.69892	0	-9999	7
1768.665	1772.913	1411.913	138.7113	55.48942	138.7585	138.6287	0	100	0	0	0	-9999	7
1768.67	1772.918	1411.918	139.1715	55.35018	138.8883	138.6169	0.6898	90.48477	8.825432	8.825432	0	-9999	7
1768.675	1772.922	1411.922	143.9624	41.09141	143.4196	142.5818	1.453634	79.98985	18.55651	18.55651	0	-9999	7
1768.68	1772.927	1411.927	145.284	38.61284	145.2722	146.0038	0	100	0	0	0	-9999	7
1768.685	1772.931	1411.931	147.7739	31.58093	147.3845	145.8268	0	100	0	0	0	-9999	7
1768.69	1772.935	1411.935	149.8861	49.50185	150.2401	149.7091	0	100	0	0	0	-9999	7
1768.695	1772.94	1411.94	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1769.03	1773.232	1412.232	104.6912	150.2601	107.594	113.86	0	51.94314	48.05686	48.05686	0	-9999	7
1769.035	1773.236	1412.236	108.8331	125.725	112.1135	113.8482	0	66.41561	33.58439	33.58439	0	-9999	7
1769.04	1773.24	1412.24	107.9834	150.9284	112.5029	115.1698	0	80.66732	19.33268	19.33268	0	-9999	7
1769.045	1773.245	1412.245	108.7859	148.2828	113.2228	117.341	0	82.60923	17.39077	17.39077	0	-9999	7
1769.05	1773.249	1412.249	109.3877	134.0797	113.3172	117.4354	0	77.29961	22.70039	22.70039	0	-9999	7
1769.055	1773.253	1412.253	105.0452	185.2386	107.5704	107.6412	0	51.40193	48.59807	48.59807	0	-9999	7
1769.06	1773.258	1412.258	102.2367	99.76956	101.0095	102.3429	31.30898	9.915138	58.77589	34.77753	23.99836	28.04589	7

1769.065	1773.262	1412.262	100.2897	20.66407	100.2189	100.4903	43.2815	11.27691	45.44159	31.35345	14.08814	29.32053	7
1769.07	1773.266	1412.266	100.2897	15.4145	100.3015	100.7027	43.91173	11.49263	44.59564	28.40478	16.19086	29.37949	7
1769.075	1773.271	1412.271	101.5405	16.23605	101.8001	102.7559	40.64166	14.57464	44.7837	20.8971	23.8866	28.71407	7
1769.08	1773.275	1412.275	103.2515	28.99096	103.2633	104.4198	37.90131	15.35439	46.7443	20.77562	25.96868	28.329	7
1769.085	1773.279	1412.279	103.5938	35.59121	103.4167	104.29	37.45245	14.63618	47.91137	32.14218	15.76919	28.38185	7
1769.09	1773.284	1412.284	103.5584	29.11628	103.6292	104.4198	37.13147	16.17481	46.69373	28.64912	18.0446	28.27208	7
1769.095	1773.288	1412.288	104.5496	29.2416	104.8682	103.9242	34.26873	19.45175	46.27953	27.38334	18.89618	28.13034	7
1769.1	1773.293	1412.293	104.6086	33.53037	105.0452	106.5202	32.26204	20.84797	46.88999	22.15103	24.73896	27.45764	7
1769.105	1773.297	1412.297	105.116	27.13899	105.5644	106.3668	33.25049	21.20578	45.54373	30.7785	14.76523	27.60008	7
1769.11	1773.301	1412.301	105.529	28.22511	105.9302	106.7444	32.97349	21.41722	45.60929	25.53955	20.06974	27.55466	7
1769.115	1773.306	1412.306	105.1632	30.70368	105.9774	106.5202	29.5094	24.84051	45.65009	20.76623	24.88386	27.18833	7
1769.12	1773.31	1412.31	105.8712	25.64906	106.001	105.9774	35.38545	19.2053	45.40925	17.66598	27.74327	28.03545	7
1769.125	1773.314	1412.314	106.3078	23.79709	106.532	106.8624	34.70033	20.53188	44.76778	31.9059	12.86188	27.80629	7
1769.13	1773.319	1412.319	106.8034	31.46953	107.4288	107.6294	29.27828	25.64836	45.07336	30.36458	14.70878	27.11532	7
1769.135	1773.323	1412.323	106.8388	27.38963	106.9332	106.827	34.34838	20.24416	45.40746	29.43271	15.97474	27.87598	7
1769.14	1773.327	1412.327	106.0364	39.23945	106.2016	107.004	31.67024	20.66247	47.66729	34.71142	12.95587	27.53513	7
1769.145	1773.332	1412.332	104.29	69.88743	104.9744	105.3992	21.83626	25.03334	53.1304	28.62415	24.50624	27.15691	7
1769.15	1773.336	1412.336	106.0836	46.81441	106.3904	107.8772	28.69625	22.55833	48.74542	30.94461	17.80081	27.14114	7
1769.155	1773.34	1412.34	107.2636	40.86862	107.9716	109.1517	25.94014	27.85312	46.20673	30.15534	16.05139	26.65979	7
1769.16	1773.345	1412.345	107.6294	45.38018	108.5027	109.7771	23.23148	30.48306	46.28546	34.5781	11.70737	26.39495	7
1769.165	1773.349	1412.349	107.8418	44.50293	108.4201	109.1871	25.53466	27.71768	46.74766	23.97467	22.773	26.72253	7
1769.17	1773.354	1412.354	108.3493	51.88296	108.8449	110.9571	23.92204	28.17894	47.89903	19.26412	28.6349	26.41527	7
1769.175	1773.358	1412.358	107.4878	45.97894	107.6294	106.7916	28.88687	22.83986	48.27327	23.11013	25.16314	27.51881	7
1769.18	1773.362	1412.362	107.6058	49.73857	107.9834	109.3169	26.03944	25.64011	48.32045	18.23738	30.08308	26.81698	7
1769.185	1773.367	1412.367	107.7592	49.05627	108.1132	108.5263	26.24633	25.58588	48.1678	27.47663	20.69117	26.98855	7
1769.19	1773.371	1412.371	108.5263	55.23878	109.7063	110.9571	17.64287	36.14263	46.2145	28.78717	17.42733	25.99379	7
1769.195	1773.375	1412.375	107.9126	49.65503	108.5735	109.6473	23.58255	29.04354	47.37391	19.59301	27.7809	26.54738	7
1769.2	1773.38	1412.38	107.2046	63.69099	108.1132	110.8863	18.91673	31.33613	49.74715	31.31138	18.43577	26.17736	7
1769.205	1773.384	1412.384	107.2046	60.92	107.948	110.0603	20.86763	29.46762	49.66475	32.83808	16.82667	26.39902	7
1769.21	1773.388	1412.388	106.0246	60.22378	106.7562	109.2579	22.2132	27.39681	50.38999	38.49508	11.89491	26.523	7
1769.215	1773.393	1412.393	106.7916	66.40629	108.3256	111.5117	13.79265	37.16346	49.04389	29.19278	19.85111	25.90086	7
1769.22	1773.397	1412.397	106.9804	77.96368	107.5586	105.47	18.22966	28.59718	53.17316	28.31466	24.8585	27.35683	7
1769.225	1773.401	1412.401	107.7474	69.9849	108.5263	108.4437	17.90019	31.36621	50.73361	27.65567	23.07793	26.72207	7
1769.23	1773.406	1412.406	107.8654	38.47359	108.5027	110.0603	26.51478	27.96328	45.52193	16.76769	28.75425	26.55921	7
1769.235	1773.41	1412.41	107.7946	35.99502	108.184	110.3317	29.10023	25.12064	45.77913	30.91842	14.86071	26.76156	7
1769.24	1773.415	1412.415	107.9244	32.56957	108.1604	108.9275	30.99864	23.5117	45.48967	22.25781	23.23185	27.22376	7
1769.245	1773.419	1412.419	108.2312	29.95176	108.2312	107.9008	33.17893	21.34746	45.47362	20.26534	25.20828	27.72066	7
1769.25	1773.423	1412.423	108.8449	27.47318	109.0101	110.2609	31.93389	23.7901	44.27601	14.74569	29.53032	27.12303	7
1769.255	1773.428	1412.428	109.5529	37.67989	110.1429	110.9571	25.52023	30.31249	44.16728	15.17465	28.99263	26.39068	7
1769.26	1773.432	1412.432	110.5087	52.27284	111.8775	114.0606	15.07355	42.47188	42.45456	30.32719	12.12737	25.19731	7
1769.265	1773.436	1412.436	111.0987	38.61284	111.4645	113.6358	25.60987	30.52509	43.86504	14.78851	29.07653	26.04598	7
1769.27	1773.441	1412.441	111.1577	31.03787	111.6179	112.6563	26.65712	31.26679	42.07609	13.49338	28.58271	26.1781	7
1769.275	1773.445	1412.445	110.9807	36.17604	111.8775	113.5296	22.19281	36.61407	41.19312	22.52647	18.66665	25.54428	7
1769.28	1773.449	1412.449	111.6061	49.84997	112.9749	114.7804	14.65026	44.95616	40.39358	25.70375	14.68982	24.94238	7
1769.285	1773.454	1412.454	112.3613	49.93352	113.7066	116.0076	14.11815	46.55099	39.33086	30.66203	8.668831	24.65202	7
1769.29	1773.458	1412.458	112.9159	45.28271	114.1904	116.4442	15.28211	46.6939	38.02399	17.13166	20.89232	24.50797	7
1769.295	1773.462	1412.462	112.9985	51.11711	114.1314	117.2702	14.89162	45.33918	39.7692	17.13173	22.63747	24.52214	7
1769.3	1773.467	1412.467	112.3967	48.20687	113.1873	115.9368	18.80167	39.11765	42.08068	23.22748	18.8532	25.09836	7
1769.305	1773.471	1412.471	111.7359	51.07533	113.1519	116.6448	13.8685	45.98166	40.14984	27.39073	12.75911	24.56823	7
1769.31	1773.476	1412.476	111.0161	54.97421	111.5825	114.4972	20.17173	33.90783	45.92044	31.16518	14.75526	25.65715	7
1769.315	1773.48	1412.48	111.2521	56.75656	111.1813	112.7979	24.46168	26.76708	48.77124	20.81528	27.95596	26.53825	7
1769.32	1773.484	1412.484	111.5471	44.80927	111.5353	111.2403	26.62426	27.13481	46.24092	31.77547	14.46545	26.84229	7
1769.325	1773.489	1412.489	113.1401	46.00679	113.9662	116.161	18.37579	41.11465	40.50956	27.92685	12.5827	24.94533	7
1769.33	1773.493	1412.493	114.2494	72.08751	116.0784	118.8043	3.270359	60.3887	36.34094	36.34094	0	-9999	7
1769.335	1773.497	1412.497	113.1519	91.09455	112.5383	114.3556	18.61082	25.15138	56.2378	27.50194	28.73586	26.78371	7
1769.34	1773.502	1412.502	112.8805	95.18838	112.6917	109.7299	14.57754	30.46473	54.95773	30.75002	24.2077	27.34706	7
1769.345	1773.506	1412.506	113.7538	83.79808	113.86	116.3262	14.24434	35.11491	50.64075	26.03358	24.60717	25.8126	7
1769.35	1773.51	1412.51	113.0929	93.30856	112.3023	116.0902	19.50109	22.98085	57.51806	29.19057	28.32749	26.61599	7
1769.355	1773.515	1412.515	111.6415	80.67897	111.9365	116.7864	15.4792	33.47516	51.04564	36.26778	14.77786	25.5651	7
1769.36	1773.519	1412.519	111.3583	71.27989	112.5501	112.8805	11.06398	43.52366	45.41236	25.78569	19.62668	25.70848	7
1769.365	1773.523	1412.523	109.3759	76.62692	110.2609	109.4939	13.97159	35.95844	50.06997	33.1064	16.96358	26.57275	7
1769.37	1773.528	1412.528	108.6089	58.58068	108.6915	110.2609	25.26317	24.66791	50.06892	35.58946	14.47946	26.82817	7
1769.375	1773.532	1412.532	108.8803	52.52349	108.5145	108.3374	29.95448	19.92283	50.12269	22.49595	27.62673	27.66594	7
1769.38	1773.537	1412.537	110.1665	51.85511	110.4025	110.5205	24.26886	28.29082	47.44032	30.42284	17.01748	26.69853	7
1769.385	1773.541	1412.541	110.6267	54.04127	111.1341	112.1843	21.21302	32.40597	46.38101	22.20764	24.17337	26.14293	7
1769.39	1773.545	1412.545	111.1577	57.29962	111.2875	108.7977	22.86243	29.04891	48.08865	31.94789	16.14077	27.08242	7
1769.395	1773.55	1412.55	111.1813	63.03654	111.4881	109.8243	20.0806	31.60744	48.31196	26.88944	21.42252	26.7392	7
1769.4	1773.554	1412.554	111.0987	63.99733	111.7359	113.0339	17.36343	35.54074	47.09583	29.19594	17.89989	25.90956	7
1769.405	1773.558	1412.558	111.0515	74.8585	111.4999	112.2197	16.24169	33.88492	49.8734	35.49118	14.38222	26.26123	7
1769.41	1773.563	1412.563	112.0899	50.69937	112.5973	114.3556	20.67559	34.9705	44.35391	18.18433	26.16958	25.67904	7
1769.415	1773.567	1412.567	112.6445	50.42088	112.8569	114.2848	22.51904	32.21332	45.26764	33.98048	11.28716	25.96043	7
1769.42	1773.571	1412.571	112.9749	48.88917	113.4234	115.5474	20.7567	35.85012	43.39318	14.44343	28.94976	25.46025	7
1769.425	1773.576	1412.576	113.2464	43.30542	113.3408	115.6536	24.60183	31.2866	44.11157	19.18134	24.93023	25.83794	7

1769.43	1773.58	1412.58	114.4028	44.8789	114.627	117.2702	22.15117	35.38875	42.46008	24.2873	18.17278	25.28947	7
1769.435	1773.585	1412.585	114.7214	46.56377	115.1462	116.9398	19.89563	39.05021	41.05416	16.85971	24.19445	25.07579	7
1769.44	1773.589	1412.589	114.037	52.74628	114.6624	117.5534	17.47444	40.82075	41.70481	22.46165	19.24316	24.83587	7
1769.445	1773.593	1412.593	114.5444	51.53484	115.7716	118.5919	12.63675	50.78791	36.57534	27.25918	9.316163	23.99871	7
1769.45	1773.598	1412.598	115.8896	45.21309	116.6566	119.6067	16.49562	46.91576	36.58862	15.81863	20.76999	24.015	7
1769.455	1773.602	1412.602	116.0312	46.45237	116.574	118.6391	17.80303	43.85015	38.34682	12.64517	25.70165	24.45886	7
1769.46	1773.606	1412.606	116.1492	49.25121	116.456	119.2645	18.84618	40.64513	40.50868	31.20988	9.2988	24.6459	7
1769.465	1773.611	1412.611	116.3616	51.60447	116.692	119.7365	17.89838	41.65804	40.44358	22.78241	17.66117	24.51444	7
1769.47	1773.615	1412.615	116.9398	48.77778	117.7304	121.2351	14.48386	50.34248	35.17366	27.43563	7.73803	23.54488	7
1769.475	1773.619	1412.619	116.7982	56.18565	117.4118	120.6805	14.19321	47.56156	38.24523	18.27223	19.97301	23.9715	7
1769.48	1773.624	1412.624	116.7156	42.23323	116.8336	120.9873	21.48667	38.47491	40.03842	26.29202	13.74641	24.51112	7
1769.485	1773.628	1412.628	115.7362	45.28271	115.807	112.8687	22.01557	35.88633	42.09811	19.48195	22.61616	26.18313	7
1769.49	1773.632	1412.632	115.8306	56.68693	115.9722	119.3589	18.62018	37.91931	43.46051	19.91963	23.54088	24.90206	7
1769.495	1773.637	1412.637	116.3262	55.4198	116.7864	118.4503	16.00167	43.87412	40.12422	25.06839	15.05583	24.62216	7
1769.5	1773.641	1412.641	116.8926	55.44765	118.2851	119.6775	8.249132	60.73882	31.01205	15.00574	16.00631	23.27669	7
1769.505	1773.646	1412.646	117.0224	90.70466	118.7217	118.2261	0	68.83069	31.16931	31.16931	0	-9999	7
1769.51	1773.65	1412.65	115.3232	99.04548	116.1138	113.447	3.806379	49.46086	46.73276	46.73276	0	-9999	7
1769.515	1773.654	1412.654	113.6004	87.0425	112.3731	113.0575	23.93438	17.6099	58.45572	26.70758	31.74814	27.64197	7
1769.52	1773.659	1412.659	112.4793	84.74495	111.0043	114.1904	27.44222	13.43438	59.1234	44.0423	15.0811	27.62118	7
1769.525	1773.663	1412.663	113.4588	101.2316	111.9247	108.1368	23.00863	14.60524	62.38613	29.26254	33.12359	28.80482	7
1769.53	1773.667	1412.667	114.096	116.8132	114.6388	118.3323	2.556119	44.10666	53.33722	53.33722	0	-9999	7
1769.535	1773.672	1412.672	111.3229	154.6602	113.7656	110.3789	0	65.50867	34.49133	34.49133	0	-9999	7
1769.54	1773.676	1412.676	110.8037	134.5253	114.3674	114.8866	0	77.76574	22.23426	22.23426	0	-9999	4
1769.545	1773.68	1412.68	109.9187	165.4657	110.4025	102.5789	0	38.378	61.622	61.622	0	-9999	4
1769.55	1773.685	1412.685	103.2279	84.85634	103.2397	102.7323	24.4036	19.10007	56.49633	32.65114	23.84519	27.7221	4
1769.555	1773.689	1412.689	105.352	185.5867	104.172	99.88848	7.309377	17.98795	74.70267	72.17457	2.528101	-9999	4
1769.56	1773.693	1412.693	99.15686	140.109	98.99166	95.52239	16.14962	17.74183	66.10855	38.90856	27.19999	28.4592	4
1769.565	1773.698	1412.698	91.03829	248.9574	88.28884	81.4565	17.30536	9.192441	73.5022	44.75011	28.75209	27.90266	4
1769.57	1773.702	1412.702	93.22134	284.8132	89.55146	81.5627	13.75311	7.851903	78.39499	53.16672	25.22827	28.31231	4
1769.575	1773.707	1412.707	96.79681	261.1136	92.63133	83.23833	20.03996	3.227037	76.733	43.79737	32.93564	28.93877	4
1769.58	1773.711	1412.711	87.95843	105.1027	86.3654	80.07587	45.9894	3.298003	50.7126	22.35718	28.35542	29.85363	4
1769.585	1773.715	1412.715	89.45706	116.2006	87.67523	83.23833	43.3882	3.676412	52.93539	24.68607	28.24931	29.21325	4
1769.59	1773.72	1412.72	92.92633	111.3966	93.02074	93.16234	26.81819	12.6843	60.49751	44.89878	15.59874	27.66375	4
1769.595	1773.724	1412.724	89.37446	115.6018	89.33906	88.13543	30.07422	10.3054	59.62038	29.54285	30.07753	27.82357	4
1769.6	1773.728	1412.728	88.34784	171.2305	83.33274	80.45348	56.14926	0	43.85074	13.40682	30.44391	25.32632	4
1769.605	1773.733	1412.733	94.09456	168.181	89.82287	87.12061	45.83879	0	54.16121	24.50327	29.65794	25.4746	4
1769.61	1773.737	1412.737	94.18896	191.0312	91.93511	86.93181	24.58391	7.576659	67.83943	32.78678	35.05265	28.15269	4
1769.615	1773.741	1412.741	97.94144	182.0081	94.87337	90.94389	29.62541	3.140131	67.23446	35.44894	31.78552	28.5449	4
1769.62	1773.746	1412.746	96.90301	124.4439	95.47519	95.72299	31.79948	7.86807	60.33245	38.36376	21.96869	27.9547	4
1769.625	1773.75	1412.75	97.65823	114.9473	97.18622	92.79653	25.99525	13.03807	60.96668	44.74281	16.22388	28.59761	4
1769.63	1773.754	1412.754	100.8915	131.6151	101.3045	98.92086	12.12816	22.78808	65.08375	58.41015	6.673603	28.32748	4
1769.635	1773.759	1412.759	107.5586	172.1913	107.2518	112.0899	1.75352	27.01831	71.22817	71.22817	0	-9999	4
1769.64	1773.763	1412.763	101.1629	83.8677	99.78227	98.72025	37.33402	7.219622	55.44636	33.83998	21.60638	28.99793	4
1769.645	1773.768	1412.768	100.1953	78.68776	99.40467	97.11542	34.90518	10.26293	54.83189	26.60238	28.22952	28.86413	4
1769.65	1773.772	1412.772	100.0773	73.02046	98.75565	95.74659	40.50056	6.359539	53.1399	29.96162	23.17828	29.67175	4
1769.655	1773.776	1412.776	99.29846	71.64192	98.56685	97.29242	36.97808	9.592988	53.42893	28.44889	24.98004	28.85159	4
1769.66	1773.781	1412.781	101.2691	73.02046	102.0479	103.4049	23.12565	21.98597	54.88838	29.12068	25.7677	27.24438	4
1769.665	1773.785	1412.785	104.349	61.36559	104.1956	102.8739	30.33735	17.35278	52.30987	30.35095	21.95892	28.12189	4
1769.67	1773.789	1412.789	105.175	73.89771	104.526	102.1423	30.38562	14.80661	54.80777	25.33845	29.46933	28.4988	4
1769.675	1773.794	1412.794	107.122	67.33923	106.532	104.3844	29.72424	16.74217	53.53359	34.56895	18.96464	28.30223	4
1769.68	1773.798	1412.798	111.7241	43.48644	111.3465	109.3759	29.61655	22.89588	47.48757	22.81932	24.66825	27.6403	4
1769.685	1773.802	1412.802	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1770.005	1774.081	1413.081	110.6621	53.62353	110.5323	111.9247	26.21995	24.97475	48.8053	21.75128	27.05402	26.77437	4
1770.01	1774.086	1413.086	112.6799	79.06372	112.1961	110.8627	20.95056	25.33128	53.71816	37.51424	16.20391	27.2574	4
1770.015	1774.09	1413.09	109.5647	92.29207	107.299	104.6912	34.42458	3.899466	61.67595	41.921	19.75495	29.77316	4
1770.02	1774.094	1413.094	108.9039	158.4895	104.5968	100.7499	34.83393	0	65.16607	28.60204	36.56403	16.86127	4
1770.025	1774.099	1413.099	106.5202	212.67	102.2013	98.89726	24.00665	0	75.99335	46.17792	29.81543	22.61359	4
1770.03	1774.103	1413.103	105.411	172.9989	104.0894	104.8092	11.39877	15.99037	72.61086	48.4514	24.15946	28.26147	4
1770.035	1774.107	1413.107	107.1456	191.1844	107.9126	103.2751	0	38.40086	61.59914	61.59914	0	-9999	4
1770.04	1774.112	1413.112	109.7063	183.5816	109.9423	98.70845	0	36.43644	63.56356	63.56356	0	-9999	4
1770.045	1774.116	1413.116	103.5584	107.3445	101.4815	96.077	34.84447	4.82322	60.33231	37.96136	22.37095	29.83374	4
1770.05	1774.12	1413.12	100.5375	55.35018	99.46367	97.39863	42.43289	7.019598	50.54751	17.89586	32.65165	29.76094	4
1770.055	1774.125	1413.125	99.25126	61.28204	99.49907	99.82947	31.93809	15.2138	52.8481	20.75083	32.09727	28.00635	4
1770.06	1774.129	1413.129	97.71723	53.70708	97.29242	95.61679	40.3953	9.224083	50.38061	26.45399	23.92662	29.26956	4
1770.065	1774.134	1413.134	95.51059	39.29514	95.58139	95.03858	42.07212	9.504356	48.42352	27.90924	20.51428	29.24926	4
1770.07	1774.138	1413.138	96.018	41.4813	96.77321	96.87941	35.77205	13.93409	50.29386	19.25584	31.03803	28.40818	4
1770.075	1774.142	1413.142	95.20378	44.39154	96.1596	96.63161	34.26217	14.48937	51.24846	29.22881	22.01965	28.21717	4
1770.08	1774.147	1413.147	95.42798	48.81955	95.36898	93.29214	40.84918	9.382291	49.76853	32.10728	17.66124	29.34967	4
1770.085	1774.151	1413.151	97.30422	54.41723	97.03282	96.0062	39.41454	9.891553	50.69391	19.7622	30.93171	29.01361	4
1770.09	1774.155	1413.155	96.78501	57.20214	95.72299	92.85553	45.34554	5.279193	49.37527	24.61898	24.75629	30.15142	4
1770.095	1774.16	1413.16	93.74055	29.21375	93.68155	90.38928	47.14623	6.919116	45.93466	26.35576	19.5789	30.48908	4
1770.1	1774.164	1413.164	93.76415	33.33543	94.08276	92.20652	43.20061	9.108193	47.6912	34.65416	13.03704	29.64185	4
1770.105	1774.168	1413.168	94.35416	23.96419	94.69637	93.51635	44.74273	9.043734	46.21353	25.17505	21.03849	29.77155	4

1770.11	1774.173	1413.173	94.16536	16.96013	94.24796	94.73177	48.62336	7.090911	44.28573	27.33034	16.9554	30.10013	4
1770.115	1774.177	1413.177	92.78473	27.52888	93.18594	91.76991	44.8667	8.40557	46.72773	34.19039	12.53735	29.79974	4
1770.12	1774.181	1413.181	94.61377	34.9646	94.05916	96.92662	48.79214	5.345224	45.86264	31.92666	13.93598	29.62029	4
1770.125	1774.186	1413.186	94.95597	35.25702	94.34236	91.4513	48.8638	5.251196	45.885	23.99152	21.89348	30.70906	4
1770.13	1774.19	1413.19	94.83797	50.42088	95.07398	91.3097	38.71818	10.64025	50.64158	29.40665	21.23493	29.40348	4
1770.135	1774.195	1413.195	94.73177	62.34031	94.67277	89.18566	38.21768	9.813002	51.96932	17.71661	34.25271	29.62571	4
1770.14	1774.199	1413.199	94.01196	50.81076	93.37474	91.74631	46.1512	5.684354	48.16445	33.0961	15.06835	29.92423	4
1770.145	1774.203	1413.203	94.35416	52.39817	93.52815	91.88791	46.91545	5.033471	48.05108	28.06662	19.98446	30.04956	4
1770.15	1774.208	1413.208	93.75235	37.87484	92.94993	89.97627	50.80086	3.884587	45.31456	26.14053	19.17402	30.98962	4
1770.155	1774.212	1413.212	94.57837	111.2295	91.1917	90.24768	52.31706	0	47.68294	22.14012	25.54282	26.45704	4
1770.16	1774.216	1413.216	94.08276	110.8257	90.47188	88.78445	54.60833	0	45.39167	14.17793	31.21374	25.6691	4
1770.165	1774.221	1413.221	92.87913	62.14537	91.00289	91.1799	54.05287	0.331877	45.61525	29.54307	16.07218	30.76369	4
1770.17	1774.225	1413.225	90.80229	22.48818	90.31848	89.20926	54.76928	2.893687	42.33703	17.86614	24.47089	31.34936	2
1770.175	1774.229	1413.229	89.39806	23.08694	89.64587	88.22984	50.24626	5.214557	44.53919	19.28782	25.25136	30.56109	2
1770.18	1774.234	1413.234	90.64889	22.79453	90.51908	92.26552	52.09272	4.330661	43.57662	31.46791	12.10871	30.32419	2
1770.185	1774.238	1413.238	90.23588	20.98433	90.05887	90.24768	53.27656	3.792068	42.93137	29.93558	12.99579	30.82293	2
1770.19	1774.242	1413.242	92.12392	26.63771	92.20652	92.83193	48.15951	6.39088	45.44961	14.35988	31.08973	29.89775	2
1770.195	1774.247	1413.247	92.77293	27.04152	92.39532	91.98231	51.03132	4.665216	44.30347	19.89288	24.41059	30.5824	2
1770.2	1774.251	1413.251	92.86733	50.17023	92.25372	88.90245	47.17636	5.179791	47.64385	25.50606	22.13779	30.34408	2
1770.205	1774.256	1413.256	92.99713	40.7433	92.46612	91.4395	48.69809	4.992524	46.30938	23.92003	22.38935	30.22032	2
1770.21	1774.26	1413.26	96.0534	40.04707	95.49879	94.10636	46.23772	6.508169	47.25411	26.49052	20.76358	30.02583	2
1770.215	1774.264	1413.264	95.23918	60.09845	94.54297	90.58989	43.23179	6.653816	50.11439	18.44009	31.67431	29.95476	2
1770.22	1774.269	1413.269	93.98835	74.83065	92.78473	89.52786	44.74979	4.565229	50.68498	33.07456	17.61042	29.88221	2
1770.225	1774.273	1413.273	93.26854	54.4033	93.31574	94.69637	40.66154	8.833987	50.50448	25.10608	25.3984	28.6173	2
1770.23	1774.277	1413.277	92.64313	49.09804	93.62255	95.62859	35.29609	12.58129	52.12261	25.85675	26.26587	28.03376	2
1770.235	1774.282	1413.282	92.26552	61.18457	93.76415	96.0534	28.69467	15.63038	55.67496	25.98339	29.69156	27.58256	2
1770.24	1774.286	1413.286	87.58082	39.12805	86.95541	89.64587	54.8036	2.117808	43.07859	15.80152	27.27707	30.3074	2
1770.245	1774.29	1413.29	85.13817	23.28189	85.96419	86.87281	49.63703	4.916135	45.44683	14.50009	30.94674	29.9374	2
1770.25	1774.295	1413.295	85.64558	25.03638	86.08219	87.14421	51.76354	3.990381	44.24608	20.32516	23.92092	30.20834	2
1770.255	1774.299	1413.299	87.46282	15.84616	87.63982	88.66645	54.32766	3.390344	42.282	17.74502	24.53698	30.81293	2
1770.26	1774.303	1413.303	90.43648	11.5574	90.61349	90.68429	52.62977	4.755318	42.61491	32.2326	10.38231	30.82177	2
1770.265	1774.308	1413.308	93.49274	10.55483	93.50454	93.11514	51.34096	5.848156	42.81089	16.48362	26.32727	30.75671	2
1770.27	1774.312	1413.312	98.77925	24.88321	98.21284	97.12722	47.49104	7.134808	45.37415	19.73999	25.63416	30.29574	2
1770.275	1774.317	1413.317	105.942	83.47781	104.4316	97.78803	34.03757	8.666204	57.29623	40.73051	16.56571	29.92909	2
1770.28	1774.321	1413.321	111.2285	214.9119	113.4352	113.0575	0	66.11266	33.88734	33.88734	0	-9999	2
1770.285	1774.325	1413.325	111.4999	377.4116	114.686	111.3937	0	91.46534	8.534664	8.534664	0	-9999	2
1770.29	1774.33	1413.33	102.5081	338.8545	94.43676	86.73121	26.24282	0	73.75718	38.29378	35.46339	7.653672	2
1770.295	1774.334	1413.334	95.9708	202.7696	90.05887	87.98203	48.45401	0	51.54599	11.13715	40.40884	18.34121	2
1770.3	1774.338	1413.338	91.1445	95.96815	88.44224	88.05283	53.86525	0	46.13475	12.67226	33.46249	29.00162	2
1770.305	1774.343	1413.343	88.60744	28.12764	87.91123	87.98203	57.06992	1.505093	41.42498	27.20441	14.22057	31.40546	2
1770.31	1774.347	1413.347	88.13543	15.01069	88.99685	89.57506	48.60683	6.33096	45.06221	26.156	18.90621	30.00493	2
1770.315	1774.351	1413.351	87.59262	17.907	88.35964	88.99685	49.13692	5.809687	45.05339	28.71661	16.33679	30.03062	2
1770.32	1774.356	1413.356	88.73725	12.72706	88.46584	89.50426	57.38518	2.123553	40.49127	24.67395	15.81732	31.47285	2
1770.325	1774.36	1413.36	89.32726	12.11438	89.13846	89.64587	56.35047	2.685805	40.96372	14.64877	26.31495	31.39604	2
1770.33	1774.364	1413.364	89.88187	20.92863	89.36266	89.12666	56.26783	2.224909	41.50726	20.92001	20.58724	31.44973	2
1770.335	1774.369	1413.369	89.51606	17.72598	89.18566	89.16206	55.91619	2.594464	41.48935	21.72931	19.76004	31.35803	2
1770.34	1774.373	1413.373	91.67551	30.36949	91.3805	93.90575	50.59541	4.676008	44.72858	14.18646	30.54212	29.89659	2
1770.345	1774.378	1413.378	94.28336	44.34976	92.51332	90.89669	56.24445	0	43.75555	15.56093	28.19463	31.69217	2
1770.35	1774.382	1413.382	95.9944	38.86348	94.46036	93.39834	54.16894	1.209804	44.62126	17.18201	27.43924	31.4248	2
1770.355	1774.386	1413.386	94.90877	26.95797	94.61377	92.39532	48.4464	6.310228	45.24338	28.64647	16.59691	30.54419	2
1770.36	1774.391	1413.391	98.03584	52.45386	97.81163	92.74933	38.85078	10.57665	50.57257	36.2181	14.35447	29.70322	2
1770.365	1774.395	1413.395	99.09786	57.64773	98.56685	96.49001	38.99455	9.786756	51.21869	20.64142	30.57727	29.20575	2
1770.37	1774.399	1413.399	100.1717	74.7471	99.06246	98.96806	38.34973	7.894072	53.7562	20.82582	32.93037	28.84747	2
1770.375	1774.404	1413.404	98.11844	94.2972	98.44885	99.74687	24.35046	16.91143	58.73811	43.14671	15.5914	27.48056	2
1770.38	1774.408	1413.408	97.67003	130.1948	98.64945	102.2721	11.04594	22.98948	65.96458	46.52226	19.44232	27.3501	2
1770.385	1774.412	1413.412	96.372	85.24623	95.09758	92.44252	40.58497	5.841258	53.57377	34.85455	18.71922	29.35279	2
1770.39	1774.417	1413.417	97.09182	74.49646	98.05944	101.5759	25.14833	18.52421	56.32746	41.70937	14.61809	27.0821	2
1770.395	1774.421	1413.421	96.195	68.55067	96.1242	96.92662	35.46005	11.19864	53.34131	32.53647	20.80484	28.214	2
1770.4	1774.426	1413.426	94.86157	56.79833	93.82315	90.42468	47.02992	4.506358	48.46372	30.08482	18.3789	30.39568	2
1770.405	1774.43	1413.43	94.17716	29.89606	93.46914	93.18594	51.60928	4.009105	44.38161	32.67913	11.70249	30.70509	2
1770.41	1774.434	1413.434	96.2894	25.64906	95.52239	94.10636	51.15105	4.513573	44.33538	21.78872	22.54666	30.94641	2
1770.415	1774.439	1413.439	97.92964	30.11885	97.76443	96.2658	43.8963	9.348295	46.75541	24.60311	22.15229	29.73616	2
1770.42	1774.443	1413.443	97.20982	40.29771	96.90301	93.69335	43.19267	8.664788	48.14254	28.75264	19.38991	29.92925	2
1770.425	1774.447	1413.447	98.43705	33.50252	97.78803	94.64917	46.36016	6.983524	46.65632	21.19054	25.46578	30.46689	2
1770.43	1774.452	1413.452	98.87366	48.42966	97.92964	96.51361	44.63241	6.446457	48.92113	25.59991	23.32122	29.88909	2
1770.435	1774.456	1413.456	99.28666	51.93866	98.43705	95.59319	42.67165	7.509871	49.81848	31.13808	18.6804	29.86573	2
1770.44	1774.46	1413.46	99.07426	35.08992	98.96806	99.45187	41.18299	10.96707	47.84994	21.06774	26.7822	28.98089	2
1770.445	1774.465	1413.465	99.87668	34.50509	100.1481	99.93568	37.65983	14.17421	48.16595	30.98874	17.17722	28.61468	2
1770.45	1774.469	1413.469	101.3753	25.87186	101.8827	102.4137	36.5413	16.89164	46.56706	31.49487	15.07219	28.24051	2
1770.455	1774.473	1413.473	103.2751	32.93161	103.1335	102.6733	38.11484	14.41869	47.46647	17.66137	29.8051	28.6935	2
1770.46	1774.478	1413.478	104.0776	27.09722	103.877	103.2987	39.2458	14.36299	46.39121	27.4738	18.91741	28.83565	2
1770.465	1774.482	1413.482	103.9478	30.36949	104.703	103.1099	31.16572	22.4946	46.33968	29.33618	17.0035	27.85807	2
1770.47	1774.487	1413.487	103.4876	27.72382	103.2751	102.9447	39.72842	13.71366	46.55792	26.14668	20.41124	28.88032	2

1770.475	1774.491	1413.491	101.5169	29.75681	101.2809	100.8679	41.23233	11.81751	46.95016	17.07013	29.88003	29.15505	2
1770.48	1774.495	1413.495	98.94446	38.73816	98.41345	95.52239	43.7118	8.404186	47.88401	15.26068	32.62334	30.00013	2
1770.485	1774.5	1413.5	97.48123	36.17604	97.38682	93.62255	42.29428	9.840089	47.86563	27.36404	20.50158	29.90645	2
1770.49	1774.504	1413.504	97.35142	29.04666	96.3248	94.10636	51.36371	3.849732	44.78656	28.65355	16.13301	31.18448	2
1770.495	1774.508	1413.508	96.99742	23.33758	96.3956	95.41618	49.77873	5.682014	44.53926	22.83578	21.70348	30.63759	2
1770.5	1774.513	1413.513	95.15658	34.32407	94.95597	94.59017	45.7042	7.461717	46.83408	31.4307	15.40337	29.73816	2
1770.505	1774.517	1413.517	95.47519	32.87592	96.0416	97.64643	39.81717	11.78069	48.40214	21.14113	27.26101	28.58032	2
1770.51	1774.521	1413.521	95.10938	37.81914	95.28638	95.62859	41.97536	9.679805	48.34483	31.43167	16.91317	29.06829	2
1770.515	1774.526	1413.526	99.40467	122.0489	98.23644	95.67579	28.06561	10.31022	61.62417	27.25867	34.3655	28.42692	2
1770.52	1774.53	1413.53	103.936	256.4906	101.7411	94.89697	0	14.11733	85.88267	85.88267	0	-9999	2
1770.525	1774.534	1413.534	105.5054	288.0437	103.9714	102.0597	0	22.03999	77.96001	77.96001	0	-9999	2
1770.53	1774.539	1413.539	93.18594	113.6663	92.70213	91.62831	30.51122	10.23495	59.25383	35.96953	23.2843	27.96632	2
1770.535	1774.543	1413.543	88.81985	48.81955	88.59564	87.12061	48.20899	4.779724	47.01128	18.63237	28.37892	29.97669	2
1770.54	1774.548	1413.548	90.84949	43.43074	90.67249	90.49548	47.28001	5.630465	47.08953	15.49361	31.59592	29.73999	2
1770.545	1774.552	1413.552	86.3064	24.00596	86.20019	86.01139	55.61174	2.386742	42.00152	17.14706	24.85446	31.11622	2
1770.55	1774.556	1413.556	86.625	29.1859	86.5188	86.10579	54.06507	2.877157	43.05777	22.3576	20.70017	30.83142	2
1770.555	1774.561	1413.561	86.566	24.92498	86.87281	87.26222	51.94968	4.007796	44.04252	15.76649	28.27603	30.38915	2
1770.56	1774.565	1413.565	87.65162	23.00339	87.62802	86.70761	53.97659	3.231486	42.79193	21.65101	21.14091	31.02897	2
1770.565	1774.569	1413.569	88.46584	18.77032	88.35964	88.26524	54.89207	3.032846	42.07508	26.23269	15.84239	31.12119	2
1770.57	1774.574	1413.574	91.4867	29.22768	92.41892	93.48094	41.53444	10.0496	48.41597	30.9466	17.46937	28.90875	2
1770.575	1774.578	1413.578	92.05312	20.26025	92.30092	92.60773	48.48766	6.678556	44.83378	30.20368	14.6301	30.04797	2
1770.58	1774.582	1413.582	90.01167	16.45884	90.08247	89.44526	52.65751	4.3927	42.94979	27.31552	15.63427	30.89776	2
1770.585	1774.587	1413.587	90.68429	18.25511	91.02649	92.12392	49.50061	6.072286	44.4271	33.30108	11.12602	30.05071	2
1770.59	1774.591	1413.591	90.29488	18.45006	90.05887	90.31848	54.29283	3.406799	42.30037	26.17042	16.12995	31.01955	2
1770.595	1774.595	1413.595	91.68731	24.18698	92.48972	93.25674	43.5757	9.262023	47.16228	32.3988	14.76347	29.23754	2
1770.6	1774.6	1413.6	89.70487	29.61757	90.94389	91.56931	40.70162	10.02434	49.27404	29.51616	19.75788	28.90683	2
1770.605	1774.604	1413.604	90.15328	31.94297	91.76991	92.46612	36.79988	12.23322	50.9669	31.27806	19.68884	28.53231	2
1770.61	1774.609	1413.609	92.02951	34.61649	93.77595	94.89697	33.42078	14.83728	51.74194	21.958	29.78395	28.15435	2
1770.615	1774.613	1413.613	91.78171	34.71396	93.36294	94.96778	34.9055	13.7805	51.314	32.04702	19.26698	28.17039	2
1770.62	1774.617	1413.617	91.3923	45.03207	92.71393	93.98835	34.77871	12.86565	52.35564	36.50447	15.85117	28.16907	2
1770.625	1774.622	1413.622	93.59895	34.74181	94.71997	95.80559	36.79352	13.19569	50.01079	28.79576	21.21503	28.37564	2
1770.63	1774.626	1413.626	93.30394	31.37206	94.15356	93.50454	39.9838	11.30259	48.71361	30.1361	18.57751	29.03269	2
1770.635	1774.63	1413.63	92.01771	25.31487	91.69911	90.80229	51.6867	4.411981	43.90132	14.16349	29.73782	30.76697	2
1770.64	1774.635	1413.635	92.71393	29.9796	92.46612	91.80531	49.36861	5.436339	45.19505	32.38369	12.81136	30.31958	2
1770.645	1774.639	1413.639	94.60197	21.44384	94.48397	93.98835	48.6913	6.65898	44.64972	31.58216	13.06756	30.27897	2
1770.65	1774.643	1413.643	98.74385	28.92134	99.03886	99.54627	39.8704	12.85764	47.27197	32.6022	14.66977	28.768	2
1770.655	1774.648	1413.648	98.21284	25.50982	98.34264	98.43705	42.46484	11.09183	46.44333	18.72343	27.7199	29.21531	2
1770.66	1774.652	1413.652	98.17744	38.75208	99.20406	99.20406	32.34244	17.6962	49.96136	31.62509	18.33627	28.04543	2
1770.665	1774.656	1413.656	99.91208	48.31827	101.4225	102.3901	24.68203	23.92939	51.38859	29.62055	21.76804	27.27467	2
1770.67	1774.661	1413.661	97.87063	44.60041	100.0537	101.9063	22.24712	25.4145	52.33838	27.85298	24.4854	27.168	2
1770.675	1774.665	1413.665	99.52267	31.88727	101.2809	101.7647	27.0961	24.05615	48.84775	25.88779	22.95996	27.42544	2
1770.68	1774.67	1413.67	99.12146	28.74032	99.65247	99.82947	37.73776	14.77647	47.48576	29.06129	18.42447	28.53698	2
1770.685	1774.674	1413.674	100.0065	42.49779	100.8797	102.6261	30.94213	19.06312	49.99475	29.73905	20.2557	27.53951	2
1770.69	1774.678	1413.678	91.4395	16.98798	91.3923	92.12392	52.13037	4.739025	43.1306	18.30704	24.82356	30.5899	2
1770.695	1774.683	1413.683	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1771	1774.948	1413.948	95.58139	132.4645	93.64615	88.92605	35.00683	5.383944	59.60922	26.09136	33.51786	28.93158	2
1771.005	1774.953	1413.953	94.01196	65.69613	93.32754	91.4277	42.91475	6.458517	50.62674	26.71463	23.91211	29.44345	2
1771.01	1774.958	1413.958	98.61405	77.60164	98.07124	95.54599	34.70226	10.72852	54.56922	34.67778	19.89143	28.81369	2
1771.015	1774.963	1413.963	101.2573	103.557	101.3989	97.43403	20.68505	19.30216	60.01278	33.61875	26.39404	28.36718	2
1771.02	1774.968	1413.968	100.2897	186.5057	100.8207	96.99742	0	26.67897	73.32103	73.32103	0	-9999	2
1771.025	1774.973	1413.973	94.37776	160.9681	93.77595	85.06737	18.88223	13.48576	67.632	43.48519	24.14681	29.15748	2
1771.03	1774.978	1413.978	91.1563	87.65518	90.75509	90.36568	38.03302	7.813584	54.1534	26.58067	27.57273	28.38018	2
1771.035	1774.983	1413.983	90.87309	119.626	91.2979	92.37172	24.155	13.40003	62.44497	30.56487	31.8801	27.3841	2
1771.04	1774.988	1413.988	90.16508	89.03372	89.91727	85.70458	37.42246	8.056891	54.52065	19.95439	34.56626	28.98674	2
1771.045	1774.993	1413.993	90.82589	88.7413	89.90547	86.6368	42.09803	5.561632	52.34033	20.05596	32.28438	29.25265	2
1771.05	1774.998	1413.998	96.43101	157.6122	97.58743	97.42223	4.17903	24.57054	71.25043	67.04724	4.203184	-9999	2
1771.055	1775.003	1414.003	91.60471	171.0355	90.30668	85.19717	24.39278	9.817798	65.78942	37.71639	28.07303	28.10651	2
1771.06	1775.008	1414.008	89.69307	108.8484	88.57204	84.13515	39.829	5.726294	54.44471	35.22814	19.21657	28.97894	2
1771.065	1775.013	1414.013	85.26798	67.33923	85.68098	82.88433	42.05655	6.574552	51.3689	23.10198	28.26692	29.16759	2
1771.07	1775.018	1414.018	85.69278	52.50956	85.71638	84.34756	48.27242	4.477377	47.2502	29.12905	18.12115	29.78655	2
1771.075	1775.022	1414.022	83.89915	80.81822	82.67192	81.84591	52.76577	1.924877	45.30935	22.25395	23.0554	29.77714	2
1771.08	1775.027	1414.027	80.99629	42.20538	80.81928	79.96967	56.64149	1.385873	41.97264	15.64379	26.32885	30.87461	2
1771.085	1775.032	1414.032	81.20869	35.41019	81.33849	81.3621	55.71277	1.81281	42.47442	23.92957	18.54485	30.68746	2
1771.09	1775.037	1414.037	83.16753	47.02328	83.63954	83.81655	48.44816	4.380475	47.17136	33.14131	14.03005	29.50801	2
1771.095	1775.042	1414.042	83.71034	42.31678	83.78115	81.14969	52.19711	3.089114	44.71377	13.90729	30.80648	30.6268	2
1771.1	1775.047	1414.047	83.56874	45.08777	84.21775	84.41836	47.17567	4.981682	47.84265	34.61765	13.22501	29.3956	2
1771.105	1775.052	1414.052	85.79899	68.10508	85.77539	81.18509	44.76641	5.41956	49.81403	24.18365	25.63038	29.76369	2
1771.11	1775.057	1414.057	87.03801	72.4774	86.88461	79.89887	43.57437	5.81809	50.60754	18.57236	32.03518	30.07872	2
1771.115	1775.062	1414.062	85.25618	100.6607	85.26798	82.42412	37.11297	7.496188	55.39084	19.69978	35.69106	28.3746	2
1771.12	1775.067	1414.067	84.72516	78.10293	84.92577	83.46254	41.59726	6.347986	52.05476	27.37278	24.68198	28.71144	2
1771.125	1775.072	1414.072	85.27978	87.2653	83.99355	81.7751	50.39266	2.498695	47.10865	27.98951	19.11914	29.69347	2
1771.13	1775.077	1414.077	92.76113	111.5497	92.27732	90.22408	31.41425	9.870094	58.71566	40.96076	17.75489	28.17331	2
1771.135	1775.082	1414.082	100.0655	189.5274	102.3665	105.234	0	39.6258	60.3742	60.3742	0	-9999	2

1771.14	1775.087	1414.087	103.936	231.6213	106.9568	111.1577	0	56.72449	43.27551	43.27551	0	-9999	2
1771.145	1775.092	1414.092	96.2422	288.4475	97.44583	89.69307	0	33.47852	66.52148	66.52148	0	-9999	2
1771.15	1775.096	1414.096	85.45678	122.6616	85.58658	85.73999	30.6897	9.458825	59.85148	37.01222	22.83927	27.33791	2
1771.155	1775.101	1414.101	83.69854	53.51213	83.28553	82.58932	53.24822	2.393595	44.35819	13.16652	31.19166	30.25181	2
1771.16	1775.106	1414.106	86.3536	73.20148	85.57478	79.65106	48.87576	3.462807	47.66144	19.09034	28.5711	30.45093	2
1771.165	1775.111	1414.111	84.06435	118.3589	81.4919	77.73942	53.95446	0.738694	45.30684	11.76192	33.54492	29.88098	2
1771.17	1775.116	1414.116	83.01413	133.8848	81.14969	79.89887	45.67629	3.594785	50.72893	30.39817	20.33076	28.02658	2
1771.175	1775.121	1414.121	81.3739	52.91338	81.19689	81.14969	53.70276	2.233257	44.06399	24.43083	19.63316	30.08774	2
1771.18	1775.126	1414.126	88.46584	148.7841	87.80503	81.5155	27.72699	9.726686	62.54632	36.54587	26.00046	28.32619	2
1771.185	1775.131	1414.131	90.40108	90.39832	91.2271	91.4985	28.55298	12.8614	58.58562	25.77471	32.81091	27.76843	2
1771.19	1775.136	1414.136	89.62227	173.4305	89.99987	86.86101	12.65086	16.02873	71.32041	62.15179	9.16862	28.30991	2
1771.195	1775.141	1414.141	88.28884	70.31909	88.26524	87.67523	41.93995	6.738632	51.32142	29.58967	21.73174	28.81445	2
1771.2	1775.146	1414.146	89.82287	118.9855	89.15026	88.32424	33.78123	8.207988	58.01078	25.28088	32.7299	27.83638	2
1771.205	1775.151	1414.151	90.95569	169.4063	91.5575	81.5037	10.66038	17.60244	71.73718	49.07441	22.66277	29.84702	2
1771.21	1775.156	1414.156	85.33878	78.77131	86.566	89.12666	32.91467	10.15829	56.92703	34.61989	22.30714	27.51852	2
1771.215	1775.161	1414.161	90.51908	96.19095	92.32452	91.1445	19.4521	17.77576	62.77215	37.5716	25.20055	28.10723	2
1771.22	1775.166	1414.166	92.01771	125.8503	93.97655	91.88791	9.706922	22.04846	68.24462	54.5374	13.70721	28.73398	2
1771.225	1775.171	1414.171	87.30942	88.83877	88.46584	89.20926	29.21407	11.89614	58.88979	27.93562	30.95417	27.68669	2
1771.23	1775.175	1414.175	86.12939	48.97272	85.73999	83.67494	51.92747	3.04237	45.03016	31.42147	13.60869	30.49585	2
1771.235	1775.18	1414.18	89.10305	67.61772	89.85827	88.13543	35.80878	10.10524	54.08598	29.04757	25.03841	28.60157	2
1771.24	1775.185	1414.185	84.13515	38.9888	83.98175	82.38872	54.34924	2.351713	43.29904	26.53149	16.76756	30.83954	2
1771.245	1775.19	1414.19	84.67796	51.81333	85.48038	89.38626	43.33872	6.506109	50.15517	33.42766	16.72751	28.24281	2
1771.25	1775.195	1414.195	82.28251	51.70194	82.47132	83.55694	50.32499	3.488985	46.18603	21.70006	24.48597	29.4665	2
1771.255	1775.2	1414.2	79.86346	42.4421	79.79266	79.87526	56.80334	1.304584	41.89208	21.01907	20.87301	30.66488	2
1771.26	1775.205	1414.205	80.92549	33.46075	81.3621	82.88433	54.06733	2.393638	43.53903	15.77001	27.76902	30.1691	2
1771.265	1775.21	1414.21	85.95239	29.43655	86.12939	87.74603	52.42838	3.556962	44.01466	13.19031	30.82435	30.1522	2
1771.27	1775.215	1414.215	88.02923	36.24566	88.26524	90.51908	48.41262	5.286974	46.30041	33.92683	12.37358	29.42362	2
1771.275	1775.22	1414.22	89.53966	44.75358	89.78747	87.95843	44.87265	6.759875	48.36747	26.32971	22.03776	29.66979	2
1771.28	1775.225	1414.225	93.30394	43.94595	93.20954	93.92935	44.25707	7.462078	48.28085	27.33807	20.94278	29.22833	2
1771.285	1775.23	1414.23	101.6939	171.1051	102.4491	96.57261	0	28.96278	71.03722	71.03722	0	-9999	2
1771.29	1775.235	1414.235	107.5468	213.7004	109.6119	104.5024	0	54.44372	45.55628	45.55628	0	-9999	2
1771.295	1775.24	1414.24	110.6149	270.3734	111.9011	100.0537	0	56.42126	43.57874	43.57874	0	-9999	2
1771.3	1775.245	1414.245	108.7623	233.5569	110.3907	101.0331	0	53.73727	46.26273	46.26273	0	-9999	2
1771.305	1775.249	1414.249	105.9302	150.817	104.054	97.58743	20.58734	10.12513	69.28753	52.62106	16.66647	29.48725	2
1771.31	1775.254	1414.254	104.8564	185.5589	100.9859	96.89121	28.62311	0	71.37689	24.33821	47.03868	25.61015	2
1771.315	1775.259	1414.259	93.95295	114.0422	92.69033	86.95541	35.75041	6.91943	57.33016	32.62538	24.70478	29.14604	2
1771.32	1775.264	1414.264	93.02074	127.3263	91.4985	88.30064	35.40525	6.323599	58.27115	28.28031	29.99084	28.49018	2
1771.325	1775.269	1414.269	92.83193	77.4067	90.94389	89.20926	50.4945	1.301138	48.20436	21.01251	27.19185	30.34237	2
1771.33	1775.274	1414.274	90.38928	18.21334	89.90547	88.99685	56.18376	2.413507	41.40273	13.29683	28.1059	31.60052	2
1771.335	1775.279	1414.279	89.36266	28.65677	88.41864	86.4952	58.16756	0.881603	40.95083	13.69756	27.25327	32.02459	2
1771.34	1775.284	1414.284	91.2507	25.84401	90.80229	90.94389	53.27028	3.484907	43.24481	22.57914	20.66567	30.81836	2
1771.345	1775.289	1414.289	93.62255	28.14156	94.18896	94.43676	42.66731	9.907431	47.42526	26.40412	21.02114	29.19343	2
1771.35	1775.294	1414.294	95.01498	15.84616	94.63737	93.85855	51.67791	5.195439	43.12665	13.90179	29.22486	30.90258	2
1771.355	1775.299	1414.299	114.1786	67.79874	113.388	112.6917	24.6757	22.63576	52.68854	22.54918	30.13936	27.31186	2
1771.36	1775.304	1414.304	132.1031	145.3865	130.6871	125.0348	0	45.5945	54.4055	54.4055	0	-9999	2
1771.365	1775.309	1414.309	135.6432	130.515	134.3688	126.9228	0	58.42777	41.57223	41.57223	0	-9999	2
1771.37	1775.314	1414.314	131.3479	91.49837	130.6163	125.8844	2.687323	61.51921	35.79347	35.79347	0	-9999	2
1771.375	1775.319	1414.319	119.7365	52.49564	118.7689	118.2143	24.63754	26.85523	48.50723	34.20426	14.30297	26.55664	2
1771.38	1775.324	1414.324	110.7329	44.67003	109.9305	108.5027	33.53431	16.81832	49.64737	33.62956	16.01781	28.3238	2
1771.385	1775.328	1414.328	108.4437	29.06058	107.9716	107.4406	36.85725	16.73206	46.41069	31.56873	14.84196	28.40667	2
1771.39	1775.333	1414.333	103.4049	25.02246	102.8385	102.0125	43.2017	10.64549	46.15281	27.96549	18.18732	29.56656	2
1771.395	1775.338	1414.338	100.8443	29.60364	100.4313	99.54627	43.25998	9.980673	46.75934	21.19334	25.56601	29.5659	2
1771.4	1775.343	1414.343	101.0331	48.13725	99.20406	97.04462	49.57538	1.777367	48.64726	14.41224	34.23502	31.09073	1
1771.405	1775.348	1414.348	103.6174	55.62867	102.9683	100.7263	36.23975	12.23837	51.52187	22.56826	28.95361	28.97257	1
1771.41	1775.353	1414.353	102.0833	79.7321	102.2131	101.8119	25.78221	18.46063	55.75716	41.22176	14.5354	27.74214	1
1771.415	1775.358	1414.358	101.2337	56.79833	100.9977	99.40467	34.94883	13.39241	51.65876	24.12349	27.53527	28.64588	1
1771.42	1775.363	1414.363	98.75565	35.10385	99.41647	100.0655	35.52836	15.6844	48.78724	33.22507	15.56217	28.20901	1
1771.425	1775.368	1414.368	99.00346	28.54537	99.40467	97.39863	38.89947	13.77964	47.32088	21.00685	26.31403	29.08861	1
1771.43	1775.373	1414.373	99.10966	42.31678	99.79407	99.33386	33.27424	16.71094	50.01481	28.99704	21.01778	28.1939	1
1771.435	1775.378	1414.378	100.1363	39.74073	99.67607	97.31602	41.82399	9.792286	48.38373	17.42275	30.96098	29.63143	1
1771.44	1775.383	1414.383	98.95626	20.88686	98.70845	98.43705	45.82611	9.003213	45.17067	29.54555	15.62513	29.83015	1
1771.445	1775.388	1414.388	100.0891	37.95838	100.0301	100.2425	39.18938	12.3463	48.46433	29.9605	18.50382	28.75372	1
1771.45	1775.393	1414.393	99.98288	40.28379	99.51087	98.16564	41.92515	9.635025	48.43982	22.34402	26.09581	29.45784	1
1771.455	1775.398	1414.398	99.45187	28.54537	98.99166	97.18622	45.16293	8.528279	46.3088	18.72175	27.58705	30.02748	1
1771.46	1775.403	1414.403	101.2573	39.49009	100.4785	99.88848	43.3225	8.405721	48.27178	17.08602	31.18575	29.58805	1
1771.465	1775.407	1414.407	98.83825	43.8067	99.02706	97.90604	37.00435	13.2609	49.73475	17.59566	32.13909	28.73347	1
1771.47	1775.412	1414.412	99.42827	21.84765	99.66427	99.40467	41.40982	12.6425	45.94768	20.2388	25.70888	29.10016	1
1771.475	1775.417	1414.417	100.3133	23.53253	100.1481	98.85005	43.29723	10.84226	45.86051	17.4141	28.44641	29.60816	1
1771.48	1775.422	1414.422	100.8325	18.5893	99.86488	98.75565	50.23455	5.422598	44.34286	23.25508	21.08777	30.91003	1
1771.485	1775.427	1414.427	100.8443	14.00812	100.4549	100.2425	46.85119	9.092347	44.05646	23.58004	20.47642	30.02195	1
1771.49	1775.432	1414.432	97.83523	19.6615	97.62283	97.04462	46.87964	8.284461	44.8359	20.96589	23.87001	30.04968	1
1771.495	1775.437	1414.437	98.55505	13.10302	98.28364	97.38682	48.26182	8.020476	43.71771	31.85595	11.86176	30.37165	1
1771.5	1775.442	1414.442	98.28364	15.09424	98.15384	98.15384	46.93221	8.82733	44.24046	28.10851	16.13195	29.9559	1

1771.505	1775.447	1414.447	96.65521	9.816824	96.74961	96.85581	47.96992	8.525931	43.50415	17.67608	25.82807	30.10092	1
1771.51	1775.452	1414.452	99.12146	10.09531	99.20406	99.13326	45.72503	10.54932	43.72565	28.73756	14.98809	29.74636	1
1771.515	1775.457	1414.457	100.7381	10.09531	100.7263	100.4431	44.96934	11.38515	43.64551	19.97105	23.67446	29.64961	1
1771.52	1775.462	1414.462	103.7354	10.23456	103.6764	103.6646	42.54397	14.03159	43.42444	14.52687	28.89757	29.12806	1
1771.525	1775.467	1414.467	105.234	26.88835	105.5998	99.59347	33.84274	20.6048	45.55245	20.53484	25.01762	28.91784	1
1771.53	1775.472	1414.472	105.8004	15.13601	105.942	104.054	37.9033	18.51381	43.5829	30.85616	12.72674	28.62575	1
1771.535	1775.477	1414.477	107.122	10.35988	106.886	106.2134	40.76968	16.26884	42.96148	24.25974	18.70174	28.85614	1
1771.54	1775.481	1414.481	107.8064	12.15615	107.7474	107.4288	38.33355	18.97901	42.68744	30.46969	12.21775	28.30257	1
1771.545	1775.486	1414.486	110.0249	21.04003	109.4703	108.007	37.98366	17.15867	44.85767	30.35711	14.50056	28.62091	6
1771.55	1775.491	1414.491	111.9955	20.90078	111.1931	109.9659	38.12486	16.63473	45.24041	29.00987	16.23055	28.62149	6
1771.555	1775.496	1414.496	115.1816	28.04409	114.4854	113.9308	32.64193	22.61624	44.74183	31.89461	12.84722	27.40576	6
1771.56	1775.501	1414.501	116.0312	30.34164	115.6418	115.925	28.92652	28.55179	42.52169	14.25209	28.26959	26.39843	6
1771.565	1775.506	1414.506	117.8602	28.35043	117.3646	117.046	28.54875	29.99322	41.45804	25.03563	16.42241	26.22906	6
1771.57	1775.511	1414.511	116.633	23.35151	116.5622	116.6212	27.59527	34.06264	38.3421	25.324	13.01809	25.72245	6
1771.575	1775.516	1414.516	117.8956	34.29622	117.813	118.4267	23.87648	37.24384	38.87968	15.26756	23.61212	25.15626	6
1771.58	1775.521	1414.521	118.2025	38.62676	118.0845	116.6566	22.82059	37.60358	39.57583	10.05644	29.51939	25.48785	6
1771.585	1775.526	1414.526	119.7129	64.61002	118.5329	116.0194	23.37371	23.96157	52.66472	32.00211	20.66261	27.30742	6
1771.59	1775.531	1414.531	122.4741	76.20918	120.5625	118.8397	23.69637	14.63866	61.66497	31.89007	29.7749	28.22715	6
1771.595	1775.536	1414.536	125.967	114.5575	123.3356	121.2705	16.78121	4.530478	78.68831	42.38296	36.30535	29.77649	6
1771.6	1775.541	1414.541	126.0142	68.14686	125.3534	124.7988	12.69669	46.82566	40.47765	25.17179	15.30586	23.96256	6
1771.605	1775.546	1414.546	124.8578	82.01573	123.0524	120.9755	19.27516	19.52975	61.19509	45.11824	16.07684	27.64923	6
1771.61	1775.551	1414.551	124.5274	94.86811	123.2766	122.4269	12.17062	31.96884	55.86053	31.44758	24.41295	26.29201	6
1771.615	1775.556	1414.556	119.2055	70.86215	117.518	115.7598	26.25994	15.28664	58.45342	36.95261	21.50081	28.24638	6
1771.62	1775.56	1414.56	118.3087	64.63787	117.1758	116.5504	24.29305	22.85009	52.85685	31.76697	21.08989	27.14468	6
1771.625	1775.565	1414.565	118.1435	49.47401	117.5062	117.3174	24.27372	29.61064	46.11564	30.13423	15.9814	26.23429	6
1771.63	1775.57	1414.57	117.6832	35.0203	117.872	120.0905	21.79327	41.32715	36.87958	23.78492	13.09466	24.41508	6
1771.635	1775.575	1414.575	119.1701	32.6949	119.9489	121.1289	16.41554	55.53298	28.05148	1.31563	26.73585	22.92332	6
1771.64	1775.58	1414.58	120.4091	36.44061	120.5507	121.8841	19.30758	47.38098	33.31144	19.88527	13.42617	23.66072	6
1771.645	1775.585	1414.585	120.9047	40.39518	121.1997	119.5359	16.70574	51.98041	31.31386	19.48294	11.83091	23.70979	6
1771.65	1775.59	1414.59	120.2675	39.14197	120.6215	118.5683	17.13799	51.2258	31.63621	15.58687	16.04934	23.91956	6
1771.655	1775.595	1414.595	120.4563	39.03058	120.2793	118.7807	21.10658	41.65021	37.24321	10.93024	26.31297	24.85204	6
1771.66	1775.6	1414.6	120.3383	35.74438	119.3943	117.8248	27.95478	27.10476	44.94046	25.28697	19.65349	26.66836	6
1771.665	1775.605	1414.605	120.8221	38.77993	120.2557	119.7837	23.84861	35.12598	41.02542	28.77878	12.24663	25.40812	6
1771.67	1775.61	1414.61	122.6511	62.8416	121.6599	120.0787	19.63524	31.99088	48.37388	29.53257	18.84131	26.02528	6
1771.675	1775.615	1414.615	124.492	95.52257	124.4448	120.9637	2.716723	58.96743	38.31585	38.31585	0	-9999	6
1771.68	1775.62	1414.62	125.1528	95.48079	125.4124	125.3416	0	68.38764	31.61236	31.61236	0	-9999	6
1771.685	1775.625	1414.625	128.1147	134.1772	127.1234	126.026	0	48.03592	51.96408	51.96408	0	-9999	6
1771.69	1775.63	1414.63	128.9171	175.8117	126.4154	125.554	0	12.72959	87.27041	87.27041	0	-9999	6
1771.695	1775.635	1414.635	128.7519	163.0428	128.9761	126.557	0	85.71036	14.28964	14.28964	0	-9999	6
1771.7	1775.639	1414.639	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1772.015	1775.95	1414.95	114.6742	39.05843	114.4146	114.4264	27.05956	28.68875	44.25169	12.7471	31.50459	26.46826	-9999
1772.02	1775.955	1414.955	111.0869	113.0954	109.5647	109.0337	22.22826	13.77189	63.99986	40.16777	23.83209	28.25145	-9999
1772.025	1775.96	1414.96	108.8095	154.2007	105.2576	103.1335	30.10574	0	69.89426	40.73444	29.15982	24.5842	-9999
1772.03	1775.965	1414.965	106.0718	79.50931	104.8918	104.6322	32.31788	11.32101	56.36111	21.04228	35.31883	28.44859	-9999
1772.035	1775.97	1414.97	102.3901	76.83579	99.52267	97.32782	49.42963	0	50.57037	17.09064	33.47973	27.27723	-9999
1772.04	1775.975	1414.975	102.4845	70.05452	100.8443	96.90301	41.47285	5.083459	53.44369	22.30794	31.13575	30.14302	-9999
1772.045	1775.98	1414.98	102.2131	64.86066	102.1895	100.5965	30.45055	16.42367	53.12578	35.1559	17.96988	28.21249	-9999
1772.05	1775.985	1414.985	98.56685	51.4513	99.77047	100.0301	27.53919	20.19395	52.26686	35.31612	16.95074	27.65742	-9999
1772.055	1775.99	1414.99	97.76443	42.72059	97.15082	96.0298	44.47384	7.393955	48.13221	24.22736	23.90485	29.74293	-9999
1772.06	1775.995	1414.995	100.7853	72.25461	99.85308	98.29544	37.01661	9.255501	53.72789	31.48639	22.2415	28.95736	-9999
1772.065	1776	1415	101.2455	103.6684	99.61707	97.13902	34.38673	6.929354	58.68391	24.46909	34.21482	28.98252	-9999
1772.07	1776.005	1415.005	102.7795	84.61963	102.4373	102.6969	27.61698	15.86189	56.52112	28.29079	28.23033	27.79486	-9999
1772.075	1776.01	1415.01	98.04764	89.40968	98.56685	100.1599	24.13515	17.70758	58.15728	25.47573	32.68155	27.39661	-9999
1772.08	1776.015	1415.015	92.37172	87.47416	93.07974	91.65191	28.36216	13.62196	58.01589	38.91885	19.09704	28.09822	-9999
1772.085	1776.02	1415.02	87.56902	178.9447	84.70156	80.46528	38.35469	4.029625	57.61568	20.85902	36.75666	27.73284	-9999
1772.09	1776.024	1415.024	87.74603	187.5779	86.10579	80.01687	26.59161	8.659966	64.74842	29.77549	34.97294	27.75403	-9999
1772.095	1776.029	1415.029	83.47434	80.12199	82.73092	81.03169	49.57556	3.157116	47.26733	24.13071	23.13662	29.47367	1
1772.1	1776.034	1415.034	80.12307	63.55175	81.6335	82.95513	39.20141	6.947925	53.85066	38.24724	15.60342	28.12958	1
1772.105	1776.039	1415.039	81.05529	75.35979	82.02291	84.27676	39.69301	6.727801	53.57919	35.39637	18.18282	27.8074	1
1772.11	1776.044	1415.044	85.65738	96.2188	87.76963	89.16206	21.54037	14.74172	63.71791	46.35752	17.36039	27.633	1
1772.115	1776.049	1415.049	87.65162	66.16957	88.87885	92.19472	33.83647	10.88194	55.28159	28.59667	26.68492	27.5688	1
1772.12	1776.054	1415.054	86.93181	52.77413	87.65162	87.10881	41.67283	7.580054	50.74711	20.92112	29.82599	28.94048	1
1772.125	1776.059	1415.059	88.81985	77.2953	87.38022	86.12939	50.73741	2.159898	47.1027	33.16001	13.94269	29.95527	1
1772.13	1776.064	1415.064	89.76387	33.11263	88.94965	88.97325	55.71416	1.830377	42.45546	13.75709	28.69837	31.14472	1
1772.135	1776.069	1415.069	92.34812	29.50617	91.60471	91.61651	53.6607	2.950987	43.38831	28.11623	15.27208	30.93094	1
1772.14	1776.074	1415.074	93.63435	61.10102	92.94993	91.1799	44.37416	5.960865	49.66497	30.46129	19.20368	29.60651	9
1772.145	1776.079	1415.079	92.05312	39.1559	91.4749	91.3805	50.31655	4.20296	45.48049	26.40427	19.07622	30.26458	9
1772.15	1776.084	1415.084	91.88791	36.6077	91.56931	88.99685	49.07326	5.105006	45.82174	14.87393	30.94781	30.53331	9
1772.155	1776.089	1415.089	92.25372	36.91404	91.65191	89.33906	50.85743	4.042034	45.10054	16.97869	28.12184	30.79232	9
1772.16	1776.094	1415.094	89.68127	39.62933	89.04405	87.12061	52.84134	2.933081	44.22558	20.86543	23.36015	30.90672	9
1772.165	1776.098	1415.098	93.50454	72.89514	92.77293	88.20624	42.00521	6.469041	51.52575	36.55928	14.96647	29.74807	9
1772.17	1776.103	1415.103	102.2603	121.6033	100.3133	99.13326	31.58206	6.330487	62.08745	33.50002	28.58743	28.63898	9
1772.175	1776.108	1415.108	108.3374	175.8256	106.6972	104.821	10.49157	15.06337	74.44507	57.12818	17.31688	28.9938	9

1772.18	1776.113	1415.113	113.9308	185.3778	114.863	119.4061	0	53.8945	46.1055	46.1055	0	-9999	9
1772.185	1776.118	1415.118	116.5976	177.037	116.7156	117.0578	0	47.31753	52.68247	52.68247	0	-9999	9
1772.19	1776.123	1415.123	107.9834	161.3022	107.0866	104.3608	8.570432	20.97186	70.45771	56.48484	13.97287	28.84789	9
1772.195	1776.128	1415.128	102.5435	146.9739	101.3399	99.51087	19.42037	13.44607	67.13356	53.2445	13.88905	28.27918	9
1772.2	1776.133	1415.133	102.6969	111.3409	102.4137	100.4549	20.76917	18.04358	61.18724	44.59638	16.59087	28.0523	9
1772.205	1776.138	1415.138	108.5617	159.8262	106.65	101.7293	16.26053	11.5139	72.22557	55.98014	16.24543	29.41134	9
1772.21	1776.143	1415.143	105.2104	137.1153	104.644	103.2161	14.41424	19.81366	65.7721	46.09885	19.67325	28.14381	9
1772.215	1776.148	1415.148	99.87668	127.744	98.85005	99.80587	25.15572	11.84268	63.00161	45.65155	17.35006	27.67172	9
1772.22	1776.153	1415.153	97.13902	179.7662	93.18594	87.88763	37.76505	0	62.23495	24.23776	37.99718	27.3208	9
1772.225	1776.158	1415.158	104.5968	244.6269	103.4757	93.05614	0	21.95185	78.04815	78.04815	0	-9999	9
1772.23	1776.163	1415.163	110.3199	325.9464	110.8391	119.0521	0	50.33816	49.66184	49.66184	0	-9999	9
1772.235	1776.168	1415.168	99.15686	165.6885	96.1714	91.56931	31.8164	2.430495	65.75311	29.04958	36.70353	28.9802	9
1772.24	1776.173	1415.173	93.22134	52.59311	92.94993	92.20652	43.61223	7.142925	49.24485	28.57113	20.67371	29.35174	9
1772.245	1776.177	1415.177	93.89395	56.08818	93.16234	91.56931	45.71424	5.522309	48.76345	21.639	27.12445	29.80077	9
1772.25	1776.182	1415.182	95.75839	84.95382	93.98835	91.0737	45.06124	3.046262	51.8925	32.27466	19.61784	29.92484	9
1772.255	1776.187	1415.187	93.96475	99.37967	91.61651	88.59564	47.70147	0.936398	51.36213	15.59108	35.77106	30.06499	9
1772.26	1776.192	1415.192	97.05642	127.3541	94.27156	91.3805	41.47104	0.939119	57.58984	21.76256	35.82728	29.39247	9
1772.265	1776.197	1415.197	99.84128	83.15755	98.53145	96.79681	38.17306	7.007835	54.81911	38.05726	16.76184	29.11207	9
1772.27	1776.202	1415.202	99.16866	119.626	97.64643	96.97382	31.61263	7.865607	60.52176	32.62308	27.89868	28.26763	9
1772.275	1776.207	1415.207	94.74357	112.0093	93.16234	91.69911	37.98423	5.519129	56.49664	20.70966	35.78698	28.6019	9
1772.28	1776.212	1415.212	92.01771	67.45063	90.84949	89.06765	48.07439	3.514478	48.41114	22.23319	26.17795	29.98616	9
1772.285	1776.217	1415.217	94.68457	73.70276	93.12694	89.84647	47.12578	3.029835	49.84439	26.28509	23.5593	30.26834	9
1772.29	1776.222	1415.222	93.65795	60.14023	93.39834	92.94993	41.29269	7.965985	50.74132	24.20636	26.53496	28.987	9
1772.295	1776.227	1415.227	95.34538	72.32423	94.36596	93.04434	42.37029	6.069511	51.5602	17.41228	34.14792	29.29406	9
1772.3	1776.232	1415.232	93.94115	90.88568	93.92935	91.4631	31.67125	11.44957	56.87917	27.76613	29.11305	28.41267	2
1772.305	1776.237	1415.237	88.04103	94.95166	86.4716	79.69826	48.18705	2.7119	49.10105	26.04872	23.05233	30.32989	2
1772.31	1776.242	1415.242	83.96995	63.73277	81.5745	79.69826	65.88905	0	34.11095	6.505549	27.6054	29.33567	2
1772.315	1776.247	1415.247	82.17631	31.76195	81.09069	79.76906	65.12497	0	34.87503	21.09993	13.77509	30.97679	2
1772.32	1776.252	1415.252	86.14119	98.27963	83.21473	80.76028	59.6465	0	40.3535	15.64208	24.71142	28.97769	2
1772.325	1776.256	1415.256	83.62774	38.22295	82.73092	83.88735	60.76287	0	39.23713	15.4146	23.82253	31.38663	2
1772.33	1776.261	1415.261	83.28553	29.03273	83.00233	82.89613	58.54623	0.979387	40.47438	28.54087	11.93351	31.40926	2
1772.335	1776.266	1415.266	82.91973	68.11901	82.68372	82.77812	49.05809	3.6256	47.31631	32.16924	15.14707	29.24008	2
1772.34	1776.271	1415.271	84.47736	88.01722	83.36814	77.24381	49.57714	2.890847	47.53201	19.09039	28.44163	30.22749	2
1772.345	1776.276	1415.276	82.75452	60.2377	80.97269	78.97845	63.09755	0	36.90245	13.95447	22.94798	30.46019	2
1772.35	1776.281	1415.281	83.21473	43.68138	81.98751	80.73668	62.38255	0	37.61745	20.39451	17.22294	31.12922	2
1772.355	1776.286	1415.286	87.56902	48.93095	86.448	84.15875	56.28314	1.039134	42.67773	27.71101	14.96672	31.35006	2
1772.36	1776.291	1415.291	87.56902	47.1486	86.448	84.15875	56.71447	0.918826	42.36671	14.06139	28.30532	31.45415	2
1772.365	1776.296	1415.296	87.62802	31.34421	87.02621	86.684	56.46096	1.694055	41.84498	16.39855	25.44643	31.25416	2
1772.37	1776.301	1415.301	88.13543	44.51686	87.09701	85.51578	56.19009	1.200534	42.60938	28.942	13.66738	31.29622	2
1772.375	1776.306	1415.306	87.51002	30.9961	86.84921	86.6368	57.11103	1.417421	41.47155	14.96096	26.51059	31.35216	2
1772.38	1776.311	1415.311	88.57204	17.97662	88.39504	87.91123	55.53516	2.760811	41.70403	27.57742	14.12662	31.31037	2
1772.385	1776.316	1415.316	92.00591	42.92946	91.5575	89.91727	48.4408	5.013014	46.54618	18.48977	28.05642	30.21585	2
1772.39	1776.321	1415.321	92.83193	65.59866	93.29214	91.94691	35.15312	11.29663	53.55025	38.43364	15.11661	28.53365	2
1772.395	1776.326	1415.326	93.38654	141.7939	95.80559	96.0534	1.022617	27.16436	71.81303	71.81303	0	-9999	2
1772.4	1776.33	1415.33	91.4985	232.6518	93.90575	82.10551	0	30.93245	69.06755	69.06755	0	-9999	2
1772.405	1776.335	1415.335	88.24164	225.2439	86.6014	75.89858	17.02049	11.30274	71.67677	50.02644	21.65033	28.63545	2
1772.41	1776.34	1415.34	84.38296	172.6229	80.15847	77.75122	53.3327	0.063336	46.60396	12.09588	34.50808	28.60834	2
1772.415	1776.345	1415.345	82.11731	103.3621	79.67466	76.8662	58.36898	0	41.63102	7.781854	33.84916	30.47051	2
1772.42	1776.35	1415.35	82.68372	40.42303	81.84591	81.4919	60.64168	0	39.35832	25.68132	13.67699	31.63138	2
1772.425	1776.355	1415.355	81.7515	85.46903	79.30885	77.40901	63.03565	0	36.96435	16.53215	20.4322	29.8028	2
1772.43	1776.36	1415.36	80.67768	44.90675	79.72186	77.68042	62.3167	0	37.6833	15.45795	22.22534	31.38773	2
1772.435	1776.365	1415.365	83.69854	52.28677	82.86073	83.33274	56.83703	1.069447	42.09353	13.11713	28.9764	30.63773	2
1772.44	1776.37	1415.37	85.02017	47.06505	84.21775	83.19113	56.61043	1.204892	42.18468	16.50885	25.67583	31.03815	2
1772.445	1776.375	1415.375	83.75754	76.72439	82.66012	82.23531	52.88078	1.987375	45.13184	24.45008	20.68177	29.76502	2
1772.45	1776.38	1415.38	82.84893	79.0498	83.35634	84.48916	40.71651	6.501599	52.78189	23.18136	29.60053	28.07258	2
1772.455	1776.385	1415.385	83.85195	52.91338	83.22653	82.61292	54.89812	1.776576	43.3253	18.76475	24.56055	30.50601	2
1772.46	1776.39	1415.39	86.6368	66.67085	85.45678	83.79295	53.30498	1.78081	44.91421	14.44503	30.46918	30.41159	2
1772.465	1776.395	1415.395	89.78747	86.02601	89.23286	86.02319	40.87547	6.436596	52.68793	23.99743	28.6905	29.08146	2
1772.47	1776.4	1415.4	87.60442	80.09414	87.17961	85.14997	43.31342	5.608085	51.0785	30.09238	20.98611	29.05569	2
1772.475	1776.405	1415.405	85.49218	93.22501	84.07615	80.44168	49.76097	2.550051	47.68898	31.22076	16.46822	29.78304	2
1772.48	1776.409	1415.409	89.10305	118.2196	88.41864	83.94635	34.72025	7.822186	57.45756	28.28993	29.16763	28.50906	2
1772.485	1776.414	1415.414	91.74631	134.1076	90.86129	83.76934	29.99826	9.133019	60.86872	33.45083	27.4179	28.81877	2
1772.49	1776.419	1415.419	90.07067	98.32141	90.20048	88.69005	32.33523	10.19763	57.46714	37.10886	20.35828	28.11011	2
1772.495	1776.424	1415.424	88.25344	73.80023	88.98505	90.36568	35.27716	9.866626	54.85621	20.56143	34.29478	27.91329	2
1772.5	1776.429	1415.429	87.84043	56.97935	88.13543	88.25344	43.11151	6.806397	50.0821	21.87955	28.20255	28.92564	2
1772.505	1776.434	1415.434	86.99081	66.53161	85.03197	82.28251	59.04882	0	40.95118	26.77458	14.17661	30.71525	2
1772.51	1776.439	1415.439	86.15299	57.25784	84.41836	81.8223	60.32627	0	39.67373	26.27528	13.39845	30.94823	2
1772.515	1776.444	1415.444	86.10579	29.75681	85.70458	85.13817	56.69089	1.696827	41.61229	17.65125	23.96103	31.27873	2
1772.52	1776.449	1415.449	85.70458	62.71627	85.85799	85.24438	44.78557	5.606182	49.60825	21.01557	28.59268	29.08931	2
1772.525	1776.454	1415.454	85.51578	70.0406	86.4834	87.23862	36.8766	8.777576	54.34582	34.6968	19.64903	28.11214	2
1772.53	1776.459	1415.459	88.60744	147.2384	87.89943	83.55694	28.33656	9.501164	62.16227	33.19438	28.96789	27.97928	2
1772.535	1776.464	1415.464	87.27402	97.22136	85.36238	81.5627	50.99554	1.57227	47.43219	15.7935	31.63869	30.07061	2
1772.54	1776.469	1415.469	86.92001	110.1016	83.41534	81.6689	60.55021	0	39.44979	7.104008	32.34578	27.60619	2

1772.545	1776.474	1415.474	83.71034	68.75954	82.02291	79.48586	59.42429	0	40.57571	18.24935	22.32636	31.09107	2
1772.55	1776.479	1415.479	82.48312	45.35233	82.21171	82.10551	55.24366	1.837919	42.91842	24.74918	18.16924	30.51545	2
1772.555	1776.483	1415.483	84.72516	72.12929	85.57478	86.2828	38.01303	8.059576	53.9274	34.96512	18.96228	28.13881	2
1772.56	1776.488	1415.488	85.43318	74.87243	85.38598	84.90217	43.64816	5.638988	50.71286	27.93571	22.77715	28.77163	2
1772.565	1776.493	1415.493	85.42138	71.61408	86.10579	85.29158	38.77752	7.857077	53.36541	36.93069	16.43471	28.48959	2
1772.57	1776.498	1415.498	84.41836	82.64234	84.78417	77.51522	39.50066	7.039955	53.45939	22.28649	31.1729	29.54269	2
1772.575	1776.503	1415.503	85.16177	62.53525	86.2238	82.95513	38.28697	8.381733	53.3313	35.39589	17.93541	29.02847	2
1772.58	1776.508	1415.508	86.6132	53.84632	86.4598	87.74603	48.47392	4.372903	47.15318	24.20142	22.95176	29.33009	2
1772.585	1776.513	1415.513	86.80201	61.1985	85.94059	87.07341	52.0081	2.521303	45.47059	32.40651	13.06409	29.7759	2
1772.59	1776.518	1415.518	87.67523	62.89729	87.21502	86.80201	47.68427	4.349017	47.96671	24.95535	23.01136	29.47432	2
1772.595	1776.523	1415.523	87.28582	64.84673	86.95541	87.87583	46.56479	4.783445	48.65176	21.23875	27.41301	29.0445	2
1772.6	1776.528	1415.528	87.38022	72.49132	86.2238	85.62198	51.02958	2.454354	46.51606	26.62537	19.89069	29.83299	2
1772.605	1776.533	1415.533	90.02347	57.8566	89.40986	89.85827	47.93261	4.400557	47.66684	34.43155	13.23529	29.52478	2
1772.61	1776.538	1415.538	91.65191	63.27326	90.79049	90.94389	47.0441	4.415035	48.54086	30.99803	17.54283	29.49107	2
1772.615	1776.543	1415.543	88.48944	30.8847	88.70185	89.31546	49.46948	5.086006	45.44451	19.43012	26.0144	29.93996	2
1772.62	1776.548	1415.548	91.89971	65.33409	91.2389	91.4513	44.76272	5.533089	49.70419	22.88463	26.81956	29.17074	2
1772.625	1776.553	1415.553	93.85855	44.0852	94.02376	96.61981	41.70119	9.126039	49.17277	30.05287	19.11991	28.55739	2
1772.63	1776.558	1415.558	94.75537	61.74155	94.31876	95.13298	41.26732	7.834014	50.89866	34.5321	16.36656	28.77868	2
1772.635	1776.562	1415.562	92.57233	57.38316	92.31272	89.48066	42.95868	7.150812	49.89051	23.67336	26.21715	29.59902	2
1772.64	1776.567	1415.567	90.34208	59.91744	90.51908	90.69609	41.01349	7.96323	51.02328	17.9098	33.11348	28.743	2
1772.645	1776.572	1415.572	88.71365	49.6411	89.74027	84.37116	38.41399	9.730159	51.85586	27.07108	24.78478	29.61244	2
1772.65	1776.577	1415.577	89.24466	56.92365	89.48066	81.89311	42.29035	7.361952	50.34769	17.75624	32.59146	30.30345	2
1772.655	1776.582	1415.582	91.4749	56.45022	91.87611	87.28582	39.07277	9.435561	51.49167	24.77225	26.71942	29.49219	2
1772.66	1776.587	1415.587	92.48972	33.96203	91.95871	91.1917	50.80598	4.278203	44.91582	27.38857	17.52725	30.52684	2
1772.665	1776.592	1415.592	95.03858	51.86903	94.15356	93.74055	46.87109	5.027867	48.10104	23.93313	24.16791	29.83403	2
1772.67	1776.597	1415.597	98.03584	56.12995	97.26882	96.85581	42.16795	7.55489	50.27716	16.52462	33.75254	29.26952	2
1772.675	1776.602	1415.602	102.1187	66.0164	102.5081	97.62283	27.0569	19.56397	53.37913	20.99428	32.38485	28.52594	2
1772.68	1776.607	1415.607	103.3459	79.41184	104.0304	101.0685	20.39986	24.37075	55.22939	37.93064	17.29875	27.85633	2
1772.685	1776.612	1415.612	104.113	49.55755	104.0776	103.4757	32.4975	17.28966	50.21284	22.39938	27.81346	28.07853	2
1772.69	1776.617	1415.617	104.4434	81.98788	104.0776	103.5466	26.90604	17.06153	56.03243	27.21561	28.81682	27.86172	2
1772.695	1776.622	1415.622	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1773	1776.923	1415.923	92.31272	90.60719	91.02649	90.49548	43.11361	4.666237	52.22015	20.83365	31.3865	28.91979	2
1773.005	1776.928	1415.928	93.29214	109.9763	91.97051	88.58384	37.79958	6.140851	56.05957	37.44335	18.61622	28.83853	2
1773.01	1776.933	1415.933	98.13024	221.0247	95.35718	88.78445	17.72338	7.344501	74.93211	43.78688	31.14524	28.86966	2
1773.015	1776.938	1415.938	89.53966	127.8833	88.74905	84.92577	32.80303	8.234271	58.9627	38.02198	20.94071	28.22573	2
1773.02	1776.943	1415.943	87.07341	106.7736	87.33302	87.04981	32.0413	9.627011	58.33169	26.8323	31.49939	27.68784	2
1773.025	1776.947	1415.947	83.50974	87.1539	81.91671	79.89887	54.4258	1.248131	44.32607	23.56328	20.76279	30.0994	2
1773.03	1776.952	1415.952	81.7515	48.31827	81.01989	80.07587	58.76561	0.566986	40.6674	23.88972	16.77769	31.18686	2
1773.035	1776.957	1415.957	83.29734	47.58026	82.66012	82.05831	56.79043	1.213099	41.99647	28.96216	13.03431	30.87437	2
1773.04	1776.962	1415.962	82.87253	62.88337	82.93153	82.88433	48.08224	4.105356	47.8124	18.15601	29.65639	29.2255	2
1773.045	1776.967	1415.967	80.52428	75.83322	80.70128	79.41506	46.19425	4.414019	49.39173	33.30895	16.08279	28.92541	2
1773.05	1776.972	1415.972	75.28497	56.60339	74.93096	73.79814	59.78336	0.388074	39.82856	17.75665	22.07191	30.84435	2
1773.055	1776.977	1415.977	73.75094	51.84118	72.85412	71.9219	66.55391	0	33.44609	13.71468	19.73141	30.43361	2
1773.06	1776.982	1415.982	75.89858	36.63555	75.65078	74.30555	63.22799	0	36.77201	20.14336	16.62865	31.15312	2
1773.065	1776.987	1415.987	81.3503	61.68586	80.97269	80.61868	53.15621	2.287108	44.55668	27.40697	17.14971	29.89227	2
1773.07	1776.992	1415.992	80.22927	129.3314	78.88404	76.38239	45.31638	4.169715	50.51391	30.12707	20.38683	28.06958	2
1773.075	1776.997	1415.997	75.36757	101.4127	73.38513	66.30499	61.48389	0.377237	38.13888	19.99943	18.13945	31.28882	2
1773.08	1777.002	1416.002	72.92492	90.80214	70.10466	66.16338	72.79195	0	27.20805	23.99924	3.208805	30.70005	2
1773.085	1777.007	1416.007	71.10768	57.45279	70.32887	67.27261	66.71318	0	33.28682	11.95805	21.32877	30.76527	2
1773.09	1777.012	1416.012	73.57394	82.50309	73.66834	73.97514	51.61462	2.571491	45.81389	24.52654	21.28735	28.71887	2
1773.095	1777.017	1416.017	83.89915	112.1764	83.60414	78.86044	37.9524	6.774865	55.27273	32.513	22.75973	28.51474	2
1773.1	1777.022	1416.022	84.47736	161.2187	82.37692	76.38239	39.54434	4.963932	55.49173	24.56187	30.92986	28.0833	2
1773.105	1777.026	1416.026	76.07559	84.20189	74.50615	72.22871	61.7967	0.049062	38.15424	19.57529	18.57895	30.89106	2
1773.11	1777.031	1416.031	71.55609	93.05792	69.06624	67.2018	70.94472	0	29.05528	9.88884	19.16644	30.54438	2
1773.115	1777.036	1416.036	71.9219	67.19999	70.16367	68.16942	71.19578	0	28.80422	16.11324	12.69098	30.38971	2
1773.12	1777.041	1416.041	71.53249	55.3641	70.09286	67.35521	71.94912	0	28.05088	21.44822	6.602656	30.47769	2
1773.125	1777.046	1416.046	69.59725	31.06572	68.45263	66.9894	77.32345	0	22.67655	17.30025	5.376292	30.14226	2
1773.13	1777.051	1416.051	68.06322	24.93891	67.40241	65.11316	76.46792	0	23.53208	20.32792	3.204152	30.16831	2
1773.135	1777.056	1416.056	67.73282	38.12548	67.48501	67.55581	70.37993	0	29.62007	16.2263	13.39377	29.75744	2
1773.14	1777.061	1416.061	72.74792	46.57769	72.74792	74.42355	61.80011	0	38.19989	14.31506	23.88482	30.44954	2
1773.145	1777.066	1416.066	74.24655	81.51445	73.82174	73.24353	55.25895	1.70797	43.03308	16.98968	26.0434	29.41897	2
1773.15	1777.071	1416.071	70.38787	29.14413	70.12826	68.14582	70.20222	0	29.79778	9.126552	20.67123	30.25906	2
1773.155	1777.076	1416.076	69.04264	20.95648	68.70044	68.09862	74.06141	0	25.93859	20.12407	5.814528	29.81316	2
1773.16	1777.081	1416.081	68.31103	33.57214	67.89802	66.22238	72.23021	0	27.76979	22.32151	5.448274	30.06931	2
1773.165	1777.086	1416.086	71.32009	38.79386	71.8629	73.45593	60.79062	0	39.20938	18.89578	20.3136	30.44357	6
1773.17	1777.091	1416.091	71.46169	49.65503	71.7567	77.12581	59.95243	0.184108	39.86346	20.19396	19.6695	29.60067	6
1773.175	1777.096	1416.096	70.87168	43.58391	71.6859	74.09315	57.94057	0.481392	41.57804	17.51893	24.05911	29.92313	6
1773.18	1777.1	1416.1	71.34369	33.19618	71.57969	72.29951	64.50129	0	35.49871	25.52117	9.977533	30.21612	6
1773.185	1777.105	1416.105	71.30829	26.67948	71.8865	70.94248	63.4588	0	36.5412	6.815094	29.72611	30.62635	6
1773.19	1777.11	1416.11	70.23447	53.74885	70.09286	63.44933	63.47449	0	36.52551	23.51818	13.00733	31.59654	6
1773.195	1777.115	1416.115	69.63265	50.18416	68.42903	64.53495	73.12148	0	26.87852	16.88512	9.993392	30.67731	6
1773.2	1777.12	1416.12	69.51465	40.71545	68.90104	68.09862	70.94888	0	29.05112	12.0085	17.04262	30.03937	6
1773.205	1777.125	1416.125	71.7095	56.33882	72.0045	72.0635	58.10697	0.695511	41.19752	14.14109	27.05643	30.13842	6

1773.21	1777.13	1416.13	74.39995	43.19402	74.69496	75.81598	58.81279	0.512733	40.67447	17.47834	23.19613	30.49341	1
1773.215	1777.135	1416.135	70.95428	41.81549	71.6387	72.26411	59.2985	0.170107	40.53139	13.98702	26.54437	30.51624	1
1773.22	1777.14	1416.14	73.18453	35.99502	72.77152	71.9219	67.16026	0	32.83974	7.707088	25.13266	30.41244	1
1773.225	1777.145	1416.145	75.24957	51.08926	75.15517	74.37635	59.13841	0.515116	40.34647	22.25694	18.08953	30.77932	1
1773.23	1777.15	1416.15	78.04623	93.64275	76.819	73.58574	55.04692	1.656522	43.29656	23.37689	19.91967	29.88106	1
1773.235	1777.155	1416.155	77.84562	65.32017	76.26439	72.88952	64.8291	0	35.1709	5.743462	29.42744	30.80826	1
1773.24	1777.16	1416.16	78.63624	58.52498	78.12883	75.74518	57.42405	0.999511	41.57644	29.93876	11.63768	30.83382	1
1773.245	1777.165	1416.165	77.68042	40.54835	77.24381	74.97816	62.10503	0	37.89497	7.670261	30.22471	31.55253	1
1773.25	1777.17	1416.17	71.08408	46.20173	70.37607	69.46745	68.90894	0	31.09106	7.237244	23.85382	30.2103	1
1773.255	1777.175	1416.175	71.37909	55.4755	70.76548	71.09588	65.66166	0	34.33834	21.24533	13.093	30.21301	1
1773.26	1777.179	1416.179	76.05199	76.98896	75.43837	76.45319	56.15634	1.421383	42.42228	17.91363	24.50864	29.46834	1
1773.265	1777.184	1416.184	77.20841	57.9123	77.14941	76.13459	55.41075	1.57388	43.01537	14.45665	28.55872	30.18913	1
1773.27	1777.189	1416.189	76.19359	73.02046	75.29677	75.35577	59.18129	0.618535	40.20018	11.74656	28.45361	30.23	1
1773.275	1777.194	1416.194	77.84562	78.9384	77.14941	75.41477	54.67459	1.769473	43.55593	20.51808	23.03785	29.83042	1
1773.28	1777.199	1416.199	79.34425	88.43496	78.09343	77.72762	55.29593	1.474865	43.22921	17.16366	26.06555	29.58681	1
1773.285	1777.204	1416.204	82.01111	73.2154	81.4801	80.64228	50.94699	2.855493	46.19752	31.46137	14.73615	29.50975	1
1773.29	1777.209	1416.209	77.98723	72.366	76.99601	74.49435	58.42114	0.716481	40.86238	29.07123	11.79115	30.70886	1
1773.295	1777.214	1416.214	76.642	64.97205	75.89858	73.53853	59.52759	0.470886	40.00152	13.21585	26.78567	30.93492	1
1773.3	1777.219	1416.219	77.32641	96.14917	76.14639	73.12553	54.73679	1.805231	43.45798	23.50294	19.95504	29.69238	1
1773.305	1777.224	1416.224	80.13487	157.5426	77.90462	74.03414	45.43501	4.015627	50.54936	26.48813	24.06123	27.77999	1
1773.31	1777.229	1416.229	78.02263	106.704	76.878	74.58876	51.26765	2.710944	46.02141	31.38485	14.63656	28.93003	1
1773.315	1777.234	1416.234	77.50342	122.0907	75.81598	69.98666	52.22854	2.540992	45.23047	26.33394	18.89653	29.34931	1
1773.32	1777.239	1416.239	78.83684	93.51743	78.80144	77.70402	45.11324	4.513433	50.37333	23.97266	26.40066	28.38125	1
1773.325	1777.244	1416.244	79.42686	92.43131	79.68646	80.46528	42.54697	5.348239	52.10479	17.30588	34.79891	27.88613	1
1773.33	1777.249	1416.249	77.24381	96.24664	76.27619	75.75698	53.14306	2.237677	44.61926	19.10568	25.51358	29.00059	1
1773.335	1777.254	1416.254	75.04897	109.2383	72.98392	68.42903	60.52337	0.735197	38.74143	26.61162	12.12982	30.44673	1
1773.34	1777.258	1416.258	74.80116	83.9791	73.40873	69.79786	61.65131	0.205629	38.14306	19.45875	18.68431	31.01423	1
1773.345	1777.263	1416.263	75.43837	88.92232	73.60934	73.52673	63.25254	0	36.74746	9.170339	27.57712	30.3593	1
1773.35	1777.268	1416.268	73.68014	88.83877	71.9455	70.16367	64.15872	0	35.84128	7.581223	28.26006	30.7114	1
1773.355	1777.273	1416.273	69.30225	60.20985	68.07502	67.28441	71.18214	0	28.81786	10.30435	18.51351	30.19627	1
1773.36	1777.278	1416.278	65.31377	31.94297	64.82996	63.35493	75.93066	0	24.06934	10.99947	13.06987	29.95375	1
1773.365	1777.283	1416.283	66.04538	19.6058	65.56157	65.11316	78.24317	0	21.75683	7.737457	14.01937	29.74967	1
1773.37	1777.288	1416.288	64.98336	13.47899	64.66475	63.35493	79.4226	0	20.5774	17.7413	2.836106	29.83025	1
1773.375	1777.293	1416.293	65.31377	39.2116	64.90076	65.37277	73.62295	0	26.37705	22.39438	3.982674	29.60096	1
1773.38	1777.298	1416.298	66.57639	46.06249	66.8124	67.98062	65.77356	0	34.22644	16.9481	17.27834	29.62073	1
1773.385	1777.303	1416.303	70.25807	61.95042	69.16064	66.26959	68.8756	0	31.1244	24.48534	6.639063	30.64123	1
1773.39	1777.308	1416.308	75.67438	59.73642	74.91916	73.49133	61.77628	0	38.22372	23.8332	14.39052	31.08313	1
1773.395	1777.313	1416.313	83.36814	168.738	81.4447	79.39145	37.37338	5.833879	56.79274	24.16245	32.63029	27.02435	1
1773.4	1777.318	1416.318	84.58356	180.5042	83.42714	78.48284	27.46338	9.01951	63.51711	34.1263	29.39081	27.37878	1
1773.405	1777.323	1416.323	87.68703	179.446	86.448	81.99931	25.50446	9.473413	65.02213	35.12271	29.89941	27.56796	1
1773.41	1777.328	1416.328	84.21775	111.4662	83.55694	76.9606	40.66615	5.737348	53.5965	18.8696	34.7269	29.04277	1
1773.415	1777.332	1416.332	72.16971	100.2569	72.21691	72.71252	48.97589	3.350436	47.67368	25.05421	22.61947	27.92362	1
1773.42	1777.337	1416.337	67.27261	51.93866	68.47623	70.24627	56.21196	0.676209	43.11184	17.23776	25.87407	29.40347	1
1773.425	1777.342	1416.342	68.02782	56.45022	67.73282	64.81816	66.03975	0	33.96025	21.02928	12.93097	30.61376	1
1773.43	1777.347	1416.347	67.36701	44.62825	66.62359	64.81816	72.98378	0	27.01622	22.91514	4.101075	30.1856	1
1773.435	1777.352	1416.352	68.60603	50.89431	66.8596	64.73555	78.1009	0	21.8991	9.089619	12.80948	30.52684	1
1773.44	1777.357	1416.357	67.72102	45.26878	66.48199	65.64417	76.34407	0	23.65593	12.35008	11.30585	30.13998	1
1773.445	1777.362	1416.362	70.39967	56.12995	69.14884	68.58243	71.34275	0	28.65725	22.86132	5.795929	30.11199	1
1773.45	1777.367	1416.367	72.21691	71.75332	70.39967	68.73584	70.27973	0	29.72027	20.84988	8.870389	30.35395	1
1773.455	1777.372	1416.372	71.02508	49.65503	70.41147	70.67108	67.39591	0	32.60409	12.66828	19.93581	30.08087	1
1773.46	1777.377	1416.377	70.73008	60.14023	68.93644	69.49105	74.27508	0	25.72492	4.559608	21.16531	29.90984	1
1773.465	1777.382	1416.382	69.14884	19.36908	68.75944	68.14582	74.71366	0	25.28634	19.31057	5.975769	29.81315	1
1773.47	1777.387	1416.387	73.95154	39.08627	73.11373	72.57091	68.99879	0	31.00121	12.93894	18.06228	30.20662	1
1773.475	1777.392	1416.392	75.55638	52.35639	74.64776	73.00752	64.85968	0	35.14032	19.35997	15.78034	30.75601	1
1773.48	1777.397	1416.397	80.53608	88.90839	78.80144	74.22295	57.8344	0.566216	41.59938	12.04666	29.55272	30.85858	1
1773.485	1777.402	1416.402	84.35936	93.7263	83.50974	84.13515	46.29216	4.017466	49.69037	15.52947	34.1609	28.487	1
1773.49	1777.407	1416.407	88.00563	141.8357	85.73999	85.02017	42.26934	3.503279	54.22738	23.2648	30.96258	27.92535	1
1773.495	1777.411	1416.411	86.212	229.4909	82.12911	79.99327	36.79052	3.951586	59.25789	22.26055	36.99735	26.29747	1
1773.5	1777.416	1416.416	76.878	136.1823	75.96938	73.70374	43.35791	4.986226	51.65586	32.40479	19.25108	27.49781	1
1773.505	1777.421	1416.421	79.30885	131.5315	78.24683	73.83354	43.4359	4.809086	51.75501	29.67006	22.08496	28.16106	1
1773.51	1777.426	1416.426	80.99629	93.90732	79.58026	74.51795	53.73207	1.739016	44.52891	27.66345	16.86546	30.23756	1
1773.515	1777.431	1416.431	83.12033	166.3986	80.98449	73.51493	39.81361	5.083744	55.10264	25.41895	29.6837	28.15629	1
1773.52	1777.436	1416.436	83.30914	162.277	82.53032	73.92794	30.12039	8.554515	61.32509	29.84876	31.47633	28.22197	1
1773.525	1777.441	1416.441	81.11429	93.26679	82.04651	77.78662	35.57959	7.866645	56.55376	39.33095	17.22282	28.52324	1
1773.53	1777.446	1416.446	80.28827	137.2824	79.12005	78.70704	41.96619	5.139181	52.89463	30.29084	22.60379	27.28203	1
1773.535	1777.451	1416.451	75.82778	128.0504	73.46773	73.26713	57.54063	1.521825	40.93755	28.33821	12.59934	28.79413	1
1773.54	1777.456	1416.456	76.8072	84.59178	76.08739	75.94578	54.44473	1.877708	43.67756	17.78109	25.89648	29.31844	1
1773.545	1777.461	1416.461	77.22021	71.7394	77.09041	77.82202	52.60244	2.356872	45.04069	23.09229	21.9484	29.19044	1
1773.55	1777.466	1416.466	76.09919	54.90459	75.81598	76.45319	58.89668	0.606866	40.49645	27.79029	12.70616	30.44341	1
1773.555	1777.471	1416.471	76.04019	45.29663	75.89858	77.46802	60.17867	0.231941	39.58939	20.88334	18.70606	30.69324	1
1773.56	1777.476	1416.476	78.89584	47.27392	78.27043	77.46802	60.82248	0.034007	39.14351	15.32685	23.81666	31.38279	1
1773.565	1777.481	1416.481	78.63624	74.31544	78.23503	78.50644	52.77969	2.308389	44.91192	20.64505	24.26688	29.32983	1
1773.57	1777.486	1416.486	82.77812	77.36492	82.21171	79.27345	49.5115	3.267598	47.2209	21.1055	26.1154	29.68515	1

1773.575	1777.49	1416.49	85.18537	65.34802	83.94635	80.52428	55.41768	1.141499	43.44082	23.46232	19.97849	30.99437	1
1773.58	1777.495	1416.495	86.07039	103.8634	84.57176	81.18509	47.29469	3.132315	49.573	27.34755	22.22545	29.30446	1
1773.585	1777.5	1416.5	83.20293	88.53243	83.69854	83.02593	38.18747	7.269769	54.54276	30.70665	23.83611	28.10863	1
1773.59	1777.505	1416.505	81.32669	69.94313	81.00809	79.62746	50.7224	2.992528	46.28507	15.63656	30.64851	29.59599	1
1773.595	1777.51	1416.51	83.15573	52.41209	81.96391	80.59508	60.04964	0	39.95036	24.06933	15.88103	31.44795	1
1773.6	1777.515	1416.515	87.48642	132.172	84.73696	81.6335	48.83515	1.246323	49.91853	14.44876	35.46977	29.15475	1
1773.605	1777.52	1416.52	88.32424	191.435	85.70458	81.05529	32.71674	5.691726	61.59153	33.87061	27.72092	27.48149	1
1773.61	1777.525	1416.525	81.4801	122.3134	79.06105	76.8662	54.18609	1.280185	44.53372	11.96159	32.57213	29.28522	1
1773.615	1777.53	1416.53	77.46802	37.19253	77.33821	76.7128	60.7348	0.093709	39.17149	15.66493	23.50656	31.44593	1
1773.62	1777.535	1416.535	78.42384	39.79643	77.96363	78.09343	61.78596	0	38.21404	16.15692	22.05712	31.2202	1
1773.625	1777.54	1416.54	80.78388	38.11155	79.94607	80.07587	62.94891	0	37.05109	11.62794	25.42314	31.04396	1
1773.63	1777.545	1416.545	81.89311	45.79792	81.3621	81.98751	57.69058	0.970025	41.33939	22.75868	18.58072	30.74923	1
1773.635	1777.55	1416.55	82.50672	54.48685	81.86951	83.36814	55.8464	1.446681	42.70692	26.93732	15.76959	30.1574	1
1773.64	1777.555	1416.555	81.5273	36.69125	81.32669	81.18509	57.67028	1.126317	41.2034	22.72572	18.47768	31.02434	1
1773.645	1777.56	1416.56	82.68372	115.6853	80.85468	80.52428	50.11016	2.416928	47.47291	13.99525	33.47766	28.61364	1
1773.65	1777.564	1416.564	80.52428	73.35465	78.97845	76.9134	60.14604	0	39.85396	25.36566	14.4883	31.05101	1
1773.655	1777.569	1416.569	79.00205	80.20554	75.96938	73.71554	71.41151	0	28.58849	16.67078	11.91771	29.27794	1
1773.66	1777.574	1416.574	75.72158	44.15482	73.95154	71.29649	73.36846	0	26.63154	15.23738	11.39416	30.17661	1
1773.665	1777.579	1416.579	77.98723	42.99908	77.19661	76.7836	63.97325	0	36.02675	22.33818	13.68857	30.81513	1
1773.67	1777.584	1416.584	81.4447	76.75224	80.90189	79.87526	50.70362	2.898161	46.39822	18.35148	28.04674	29.41464	1
1773.675	1777.589	1416.589	83.46254	71.75332	84.01715	84.06435	41.55192	6.439087	52.00899	30.44189	21.5671	28.4564	1
1773.68	1777.594	1416.594	88.25344	96.20487	90.49548	92.87913	18.1494	17.54066	64.30994	51.43643	12.87351	27.56031	1
1773.685	1777.599	1416.599	89.12666	74.28759	90.10608	87.74603	32.43537	11.49753	56.06709	21.49836	34.56873	28.47129	1
1773.69	1777.604	1416.604	96.72601	142.3788	97.57563	94.82617	9.971876	22.00249	68.02564	56.34924	11.6764	28.61502	1
1773.695	1777.609	1416.609	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1774	1777.91	1416.91	93.06794	147.127	91.2271	95.15658	33.03925	6.262765	60.69798	38.76918	21.9288	26.86425	1
1774.005	1777.915	1416.915	94.94417	119.0551	94.24796	88.37144	29.23569	10.47823	60.28609	31.31823	28.96785	28.82565	1
1774.01	1777.92	1416.92	92.64313	73.3825	92.90273	92.74933	34.99782	10.71919	54.28299	38.62009	15.6629	28.23985	1
1774.015	1777.925	1416.925	89.98807	69.51147	89.28006	86.95541	45.87631	4.79509	49.3286	33.18128	16.14732	29.62887	1
1774.02	1777.93	1416.93	94.63737	122.216	95.12118	92.32452	19.60783	16.64887	63.7433	49.23372	14.50959	28.18367	1
1774.025	1777.935	1416.935	93.58715	155.8299	92.33632	84.61896	25.88289	9.663993	64.45312	36.66088	27.79223	28.81265	1
1774.03	1777.94	1416.94	90.53088	147.6422	88.57204	80.79568	36.16318	5.326174	58.51065	37.8704	20.64025	28.95275	1
1774.035	1777.945	1416.945	88.48944	153.4627	86.10579	80.52428	39.92502	3.93286	56.14212	28.26231	27.87982	28.5211	1
1774.04	1777.949	1416.949	86.03499	42.08006	85.07917	81.84591	58.07204	0.684675	41.24329	23.74945	17.49384	31.84117	1
1774.045	1777.954	1416.954	84.98477	62.39601	84.66616	78.96665	49.18338	3.741753	47.07487	18.49775	28.57712	30.50425	1
1774.05	1777.959	1416.959	86.2946	202.338	82.74272	77.40901	39.1702	3.610374	57.21943	29.98128	27.23815	27.45155	1
1774.055	1777.964	1416.964	82.41232	48.7917	80.97269	78.44744	63.53021	0	36.46979	7.71141	28.75838	30.91222	1
1774.06	1777.969	1416.969	81.4093	23.03124	80.99629	79.35605	62.7307	0	37.2693	8.220298	29.049	31.96374	1
1774.065	1777.974	1416.974	81.30309	51.49307	81.7987	80.87829	48.89885	3.927407	47.17374	28.24443	18.92931	29.59731	1
1774.07	1777.979	1416.979	80.72488	32.70882	80.73668	78.58904	57.72612	1.145342	41.12854	17.11393	24.0146	31.4299	1
1774.075	1777.984	1416.984	82.05831	45.04599	81.6335	77.51522	56.89749	1.256063	41.84644	30.46376	11.38268	31.50404	1
1774.08	1777.989	1416.989	81.01989	32.33286	80.61868	77.46802	60.74652	0.144414	39.10907	18.15341	20.95566	32.20166	1
1774.085	1777.994	1416.994	83.00233	37.86091	82.58932	80.45348	57.67633	1.10513	41.21854	20.2068	21.01174	31.44896	1
1774.09	1777.999	1416.999	83.32094	44.89282	83.29734	81.18509	52.66358	2.824614	44.51181	18.97491	25.53689	30.51645	1
1774.095	1778.004	1417.004	84.35936	34.43547	83.82835	82.32972	58.17134	0.974563	40.85409	26.49097	14.36312	31.55267	1
1774.1	1778.009	1417.009	84.27676	30.31379	83.80475	82.40052	58.78752	0.84752	40.36496	21.09089	19.27406	31.71206	1
1774.105	1778.014	1417.014	82.69552	22.75275	82.41232	82.89613	60.6088	0.351428	39.03977	19.78421	19.25557	31.75902	1
1774.11	1778.019	1417.019	80.70128	28.14156	79.95787	80.08767	64.70603	0	35.29397	18.97255	16.32142	30.96216	1
1774.115	1778.024	1417.024	80.50068	21.09573	80.11127	80.32367	63.85212	0	36.14788	12.67762	23.47026	31.37299	1
1774.12	1778.028	1417.028	81.30309	25.56551	80.92549	80.86649	61.94076	0	38.05924	20.71664	17.34261	31.7774	1
1774.125	1778.033	1417.033	80.64228	21.22105	80.51248	80.32367	61.67958	0	38.32042	12.07595	26.24447	31.98536	1
1774.13	1778.038	1417.038	80.79568	19.28553	80.94909	81.5037	59.812	0.634669	39.55333	19.31631	20.23702	31.55467	1
1774.135	1778.043	1417.043	81.3857	25.24525	81.4801	82.10551	58.28419	1.097044	40.61876	15.4944	25.12436	31.17949	1
1774.14	1778.048	1417.048	80.59508	26.30352	81.09069	80.66588	55.6461	1.933153	42.42075	30.69857	11.72218	30.86443	1
1774.145	1778.053	1417.053	80.52428	21.12358	80.84288	82.47132	58.33656	1.089951	40.57349	29.57365	10.99984	31.03677	1
1774.15	1778.058	1417.058	80.14667	21.76411	79.48586	78.37663	66.11945	0	33.88055	10.58572	23.29482	31.08544	1
1774.155	1778.063	1417.063	79.78086	20.24633	79.42686	78.58904	64.44555	0	35.55445	11.10265	24.4518	31.424	1
1774.16	1778.068	1417.068	81.14969	20.48305	81.10249	79.50946	60.75119	0.312563	38.93624	12.81232	26.12392	32.1301	1
1774.165	1778.073	1417.073	80.38268	31.53916	80.17027	78.97845	60.0616	0.378835	39.55957	27.27189	12.28768	31.68532	1
1774.17	1778.078	1417.078	80.93729	26.79088	80.27647	79.62746	64.17561	0	35.82439	17.55423	18.27016	31.274	1
1774.175	1778.083	1417.083	81.26769	35.28487	80.78388	78.71884	60.44431	0.20228	39.35341	17.29705	22.05636	31.90296	1
1774.18	1778.088	1417.088	81.7161	27.20861	81.6689	80.17027	58.60251	0.965605	40.43189	28.25619	12.17569	31.61198	1
1774.185	1778.093	1417.093	81.17329	27.47318	81.05529	81.6925	59.58658	0.605202	39.80822	11.33761	28.4706	31.37074	1
1774.19	1778.098	1417.098	80.13487	21.69448	80.13487	80.37088	61.02585	0.170422	38.80372	12.10849	26.69523	31.77427	1
1774.195	1778.103	1417.103	78.18783	21.8755	77.79842	77.84562	65.79124	0	34.20876	8.911175	25.29759	30.86937	1
1774.2	1778.107	1417.107	78.69524	16.47277	78.04623	77.75122	68.64382	0	31.35618	9.861991	21.49419	30.59313	1
1774.205	1778.112	1417.112	78.45924	18.15764	77.56242	76.5712	70.3737	0	29.6263	8.041831	21.58447	30.41841	1
1774.21	1778.117	1417.117	77.49162	18.21334	76.31159	74.43535	73.44527	0	26.55473	7.356914	19.19781	30.23396	1
1774.215	1778.122	1417.122	77.43261	18.38044	76.642	75.06077	70.44121	0	29.55879	9.486075	20.07272	30.51648	1
1774.22	1778.127	1417.127	76.7836	21.8755	76.35879	76.26439	67.35748	0	32.64252	17.80714	14.83537	30.57563	1
1774.225	1778.132	1417.132	78.15243	21.38814	77.46802	76.583	68.22804	0	31.77196	12.09652	19.67544	30.64567	1
1774.23	1778.137	1417.137	77.83382	26.49846	77.05501	75.01356	68.01608	0	31.98392	11.62701	20.35691	30.78114	1
1774.235	1778.142	1417.142	77.45622	34.50509	76.08739	73.27893	70.99847	0	29.00153	23.5294	5.472128	30.39681	1

1774.24	1778.147	1417.147	79.40326	14.25876	79.46226	79.22625	63.04113	0	36.95887	25.10147	11.85741	31.77637	1
1774.245	1778.152	1417.152	78.01083	9.635804	78.11703	78.58904	65.07511	0	34.92489	24.40055	10.52434	31.19952	1
1774.25	1778.157	1417.157	78.83684	15.03854	78.93125	79.48586	63.09916	0	36.90084	9.209269	27.69157	31.53298	1
1774.255	1778.162	1417.162	77.90462	20.13493	77.65682	77.63322	65.37558	0	34.62442	21.44191	13.18251	30.97892	1
1774.26	1778.167	1417.167	76.7246	21.94513	76.8426	76.06379	63.18813	0	36.81187	25.45327	11.3586	31.36559	1
1774.265	1778.172	1417.172	78.14063	11.75234	78.37663	78.42384	63.43752	0	36.56248	15.98269	20.5798	31.56118	1
1774.27	1778.177	1417.177	77.49162	12.83846	77.69222	77.95183	64.04613	0	35.95387	16.00953	19.94435	31.29598	1
1774.275	1778.181	1417.181	78.73064	33.01516	78.43564	79.27345	61.86444	0	38.13556	11.78662	26.34894	31.25192	1
1774.28	1778.186	1417.186	80.02867	11.48777	79.89887	80.11127	64.59956	0	35.40044	24.04481	11.35564	31.48796	1
1774.285	1778.191	1417.191	81.25589	16.36137	80.85468	80.64228	64.39449	0	35.60551	12.27359	23.33192	31.52232	1
1774.29	1778.196	1417.196	83.85195	45.00422	82.40052	82.40052	63.21377	0	36.78623	24.77011	12.01612	30.5198	1
1774.295	1778.201	1417.201	82.95513	15.88794	82.35332	82.70732	64.50045	0	35.49955	20.51627	14.98328	31.457	1
1774.3	1778.206	1417.206	83.06133	10.55483	82.60112	82.19991	64.59593	0	35.40407	19.74523	15.65884	31.8157	4
1774.305	1778.211	1417.211	83.58054	10.81939	83.28553	83.74574	62.77391	0	37.22609	15.82486	21.40123	32.20537	4
1774.31	1778.216	1417.216	83.66314	24.74397	82.63652	81.5509	64.99818	0	35.00182	9.154242	25.84758	31.1624	4
1774.315	1778.221	1417.221	83.39174	15.83224	82.91973	82.96693	63.10628	0	36.89372	11.19839	25.69534	31.92603	4
1774.32	1778.226	1417.226	85.81079	38.32042	84.68976	83.95815	60.46846	0	39.53154	18.58539	20.94615	31.67504	4
1774.325	1778.231	1417.231	89.03225	69.48362	87.01441	84.11155	56.91356	0	43.08644	23.7359	19.35054	30.85764	4
1774.33	1778.236	1417.236	95.03858	181.7435	91.5339	87.15601	35.74379	1.307829	62.94839	28.15847	34.78991	28.50116	4
1774.335	1778.241	1417.241	95.54599	177.6497	91.75811	86.17659	38.46252	0	61.53748	29.93163	31.60585	28.58088	4
1774.34	1778.246	1417.246	93.88215	175.4218	89.89367	84.55996	42.08709	0	57.91291	18.38151	39.53141	27.75271	4
1774.345	1778.251	1417.251	92.59593	122.9261	90.73149	84.27676	39.51302	4.426967	56.06001	25.85161	30.2084	29.37974	4
1774.35	1778.256	1417.256	91.2625	65.73791	90.24768	88.27704	47.99479	3.780169	48.22504	30.51692	17.70812	29.958	4
1774.355	1778.26	1417.26	89.58686	40.13062	89.45706	90.24768	48.87445	4.942728	46.18283	15.5433	30.63952	29.74325	4
1774.36	1778.265	1417.265	88.81985	44.15482	89.51606	90.84949	42.20461	8.092793	49.7026	18.15463	31.54796	28.75328	4
1774.365	1778.27	1417.27	89.94087	96.62261	90.75509	93.28034	27.56155	12.89515	59.54331	43.37486	16.16844	27.25759	4
1774.37	1778.275	1417.275	89.17386	60.2934	90.22408	92.18292	35.22983	10.88245	53.88771	23.01409	30.87362	27.93123	4
1774.375	1778.28	1417.28	89.66947	69.27475	90.67249	90.82589	32.96619	11.65841	55.37539	27.97198	27.40341	28.07042	4
1774.38	1778.285	1417.285	90.67249	91.54014	91.58111	92.76113	27.3868	13.50874	59.10446	33.36459	25.73987	27.54967	4
1774.385	1778.29	1417.29	90.94389	65.13915	90.63709	90.61349	42.94569	6.590925	50.46338	20.88269	29.58069	28.94044	4
1774.39	1778.295	1417.295	90.40108	59.62502	90.58989	90.69609	40.93852	8.028905	51.03257	23.77546	27.25712	28.73754	4
1774.395	1778.3	1417.3	90.42468	47.83091	91.0973	91.69911	40.02146	9.333377	50.64517	20.20795	30.43721	28.66072	4
1774.4	1778.305	1417.305	90.86129	52.8159	91.66371	92.07672	37.40744	10.56212	52.03045	23.31559	28.71486	28.43324	4
1774.405	1778.31	1417.31	90.89669	62.11752	91.2271	91.94691	38.78195	9.118233	52.09981	27.77499	24.32482	28.41601	4
1774.41	1778.315	1417.315	90.35388	44.68395	90.74329	91.4985	43.043	7.848023	49.10898	33.32635	15.78263	28.97043	4
1774.415	1778.32	1417.32	89.51606	50.78292	89.03225	89.09125	49.10528	4.219595	46.67512	29.72849	16.94663	29.79777	4
1774.42	1778.325	1417.325	89.38626	47.42709	88.67825	88.07643	51.7744	3.0642	45.1614	20.61138	24.55002	30.3635	4
1774.425	1778.33	1417.33	88.40684	61.26812	88.63104	88.64285	42.10124	7.137061	50.7617	17.3981	33.3636	28.79606	4
1774.43	1778.334	1417.334	90.01167	47.53849	89.65767	88.58384	48.4285	4.74669	46.82481	19.69722	27.12758	29.96425	4
1774.435	1778.339	1417.339	86.77841	37.31785	87.09701	86.5188	48.66374	4.996713	46.33954	19.37209	26.96746	29.90213	4
1774.44	1778.344	1417.344	86.4126	34.86713	86.96721	87.02621	47.76433	5.474385	46.76129	26.44818	20.31311	29.68592	4
1774.445	1778.349	1417.349	86.33	31.30244	86.80201	86.684	49.34314	4.896472	45.76039	25.22693	20.53346	29.97371	4
1774.45	1778.354	1417.354	85.79899	39.68503	86.74301	86.2828	44.145	6.817512	49.03748	22.28246	26.75502	29.28627	4
1774.455	1778.359	1417.359	86.18839	29.4087	87.09701	88.41864	46.54798	6.235903	47.21612	23.47668	23.73944	29.36453	4
1774.46	1778.364	1417.364	88.04103	19.5501	88.18264	88.85525	53.1737	3.809411	43.01689	26.21346	16.80342	30.61694	4
1774.465	1778.369	1417.369	89.95267	30.81508	89.71667	89.20926	51.61533	4.069051	44.31562	13.78684	30.52878	30.52004	4
1774.47	1778.374	1417.374	90.25948	31.77587	89.75207	88.10003	53.20395	3.173198	43.62285	13.17642	30.44643	31.00933	4
1774.475	1778.379	1417.379	91.4513	36.83049	90.89669	90.99109	51.25006	3.864539	44.8854	17.47527	27.41013	30.35693	4
1774.48	1778.384	1417.384	91.61651	33.04301	90.87309	90.74329	53.47787	2.867908	43.65422	13.18076	30.47346	30.83461	4
1774.485	1778.389	1417.389	92.33632	37.03936	92.30092	92.80833	46.36141	6.67882	46.95977	18.10832	28.85145	29.54738	4
1774.49	1778.394	1417.394	94.11816	54.90459	94.46036	94.67277	37.47228	10.95125	51.57647	25.55448	26.02199	28.48364	4
1774.495	1778.399	1417.399	94.75537	43.11048	94.27156	93.71695	46.14185	6.334672	47.52348	21.06567	26.45781	29.75747	4
1774.5	1778.404	1417.404	92.73753	31.70625	92.52512	92.85553	48.65469	5.732168	45.61314	29.42836	16.18478	29.97638	4
1774.505	1778.409	1417.409	93.83495	30.2024	92.90273	92.79653	53.58756	2.783198	43.62924	17.79019	25.83905	30.99426	4
1774.51	1778.413	1417.413	93.58715	52.96907	92.30092	92.87913	51.04956	2.55664	46.3938	17.9405	28.4533	30.23159	4
1774.515	1778.418	1417.418	92.44252	41.13319	92.25372	92.56053	46.46188	6.307835	47.23029	15.76782	31.46247	29.57333	4
1774.52	1778.423	1417.423	97.11542	109.294	94.50757	94.27156	44.41554	0.633249	54.95121	27.83465	27.11656	29.35177	4
1774.525	1778.428	1417.428	96.64341	67.64557	94.09456	91.2507	54.47144	0	45.52856	9.847379	35.68118	29.07072	4
1774.53	1778.433	1417.433	94.31876	33.4329	92.87913	91.62831	56.29311	0.763274	42.94362	30.50848	12.43514	31.77228	4
1774.535	1778.438	1417.438	93.50454	40.32556	92.56053	92.12392	51.53318	3.267804	45.19901	31.11796	14.08105	30.58505	4
1774.54	1778.443	1417.443	94.36596	38.05586	93.51635	92.85553	50.55833	3.954645	45.48702	18.19437	27.29265	30.51338	4
1774.545	1778.448	1417.448	96.2658	44.94852	95.33358	94.46036	47.78262	4.908682	47.3087	30.71144	16.59726	30.14361	4
1774.55	1778.453	1417.453	98.33084	95.56434	97.12722	98.41345	35.73714	7.786927	56.47593	32.43371	24.04221	28.1753	4
1774.555	1778.458	1417.458	98.85005	122.2299	97.48123	95.03858	30.08673	8.836069	61.0772	36.25291	24.82429	28.44907	4
1774.56	1778.463	1417.463	99.42827	133.662	98.13024	92.41892	26.2395	10.29806	63.46244	42.87699	20.58545	28.90788	4
1774.565	1778.468	1417.468	100.4549	134.7202	98.74385	93.75235	28.23973	8.188384	63.57189	44.48869	19.0832	28.95314	4
1774.57	1778.473	1417.473	101.0213	98.82269	99.14506	98.15384	37.68616	4.886335	57.4275	32.13322	25.29429	29.03013	4
1774.575	1778.478	1417.478	102.3075	71.90649	100.9741	99.52267	38.80977	7.312436	53.8778	25.57324	28.30456	29.24609	4
1774.58	1778.483	1417.483	106.0482	100.7164	107.0158	108.302	10.56322	32.43689	56.99989	37.57401	19.42588	26.94479	4
1774.585	1778.488	1417.488	109.0455	159.687	106.5084	101.0449	20.69607	5.725926	73.578	42.75833	30.81968	29.80603	4
1774.59	1778.492	1417.492	108.5617	176.7446	104.6794	98.99166	27.43875	0	72.56125	28.22894	44.33231	23.43702	4
1774.595	1778.497	1417.497	107.299	158.392	101.8355	98.36624	45.29625	0	54.70375	31.96489	22.73886	7.137429	4
1774.6	1778.502	1417.502	107.5232	149.5081	102.4137	99.40467	44.49632	0	55.50368	13.8014	41.70228	9.47135	4

1774.605	1778.507	1417.507	107.8536	163.1542	102.8857	99.33386	39.79257	0	60.20743	31.16699	29.04044	11.33621	4
1774.61	1778.512	1417.512	111.6769	261.3364	105.529	100.2425	21.66026	0	78.33974	43.55448	34.78526	1.082952	4
1774.615	1778.517	1417.517	116.2554	280.0788	111.8067	104.0776	0	0	100	100	0	-9999	4
1774.62	1778.522	1417.522	110.8627	156.4286	107.5232	101.1157	26.03146	0	73.96854	33.54968	40.41885	27.5184	4
1774.625	1778.527	1417.527	109.1753	138.3406	105.5172	99.61707	34.43041	0	65.56959	34.9692	30.60039	22.72484	4
1774.63	1778.532	1417.532	110.4025	172.4001	105.6942	100.7971	33.19818	0	66.80182	31.51837	35.28346	12.2315	4
1774.635	1778.537	1417.537	108.8095	121.5754	105.3402	100.1009	37.36089	0	62.63911	30.22444	32.41466	23.67629	4
1774.64	1778.542	1417.542	110.6149	110.5472	107.2872	103.4167	37.27131	0	62.72869	28.46502	34.26367	23.7531	4
1774.645	1778.547	1417.547	107.6058	123.0793	105.824	100.7971	25.02668	9.80559	65.16773	45.47201	19.69572	29.26397	4
1774.65	1778.552	1417.552	108.0188	97.54163	105.7886	100.9387	34.302	4.153914	61.54409	32.34214	29.20196	30.02325	4
1774.655	1778.557	1417.557	106.3196	81.76509	103.9596	102.1659	40.68918	1.553985	57.75683	22.81222	34.94461	30.10351	4
1774.66	1778.562	1417.562	104.7738	58.63637	103.2279	102.4609	41.39832	6.07986	52.52182	20.42062	32.1012	29.6117	4
1774.665	1778.566	1417.566	104.054	70.22162	103.0863	103.9242	34.77578	11.03436	54.18986	23.89601	30.29385	28.33825	4
1774.67	1778.571	1417.571	103.6646	46.00679	102.6733	102.4255	41.17693	8.940364	49.88271	26.53293	23.34978	29.27535	4
1774.675	1778.576	1417.576	104.1012	32.05437	103.7118	104.408	39.48769	13.16607	47.34625	27.16846	20.17779	28.66627	4
1774.68	1778.581	1417.581	104.6912	22.18184	104.408	105.1042	40.51096	13.96807	45.52097	18.56319	26.95778	28.72929	1
1774.685	1778.586	1417.586	104.5732	25.20348	104.5024	105.5762	38.24215	15.85426	45.90359	23.65703	22.24656	28.29244	1
1774.69	1778.591	1417.591	103.5466	24.59079	103.2869	102.5317	40.79814	13.18138	46.02048	26.29024	19.73024	29.07577	1
1774.695	1778.596	1417.596	107.2164	91.72116	105.9774	104.762	28.76681	12.42449	58.80869	26.13303	32.67566	28.40319	1
1774.7	1778.601	1417.601	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1775	1778.897	1417.897	99.75867	23.07302	100.4903	100.9623	36.96833	16.46195	46.56972	24.17998	22.38974	28.30158	1
1775.005	1778.902	1417.902	99.33386	32.49995	99.80587	100.3841	37.08978	14.85409	48.05613	25.87917	22.17696	28.35415	1
1775.01	1778.907	1417.907	94.07096	32.68097	93.92935	93.64615	46.64335	6.952577	46.40408	32.6987	13.70537	29.80488	1
1775.015	1778.912	1417.912	96.63161	60.3491	96.2186	96.52541	39.69525	9.020452	51.28429	32.92171	18.36258	28.73388	1
1775.02	1778.917	1417.917	94.10636	73.43819	93.92935	93.16234	37.02189	9.548092	53.43002	31.15663	22.2734	28.53542	1
1775.025	1778.922	1417.922	96.98562	55.62867	95.9826	93.98835	45.08451	5.596222	49.31927	15.73531	33.58396	29.92237	1
1775.03	1778.927	1417.927	99.56987	102.8747	97.31602	92.98533	40.96734	2.454086	56.57857	38.18666	18.39191	29.92544	1
1775.035	1778.932	1417.932	94.69637	87.47416	94.12996	91.4277	36.10028	8.875126	55.02459	27.86842	27.15617	28.76897	1
1775.04	1778.937	1417.937	91.4041	207.3647	86.84921	81.29129	41.02639	0	58.97361	34.23621	24.7374	27.88382	1
1775.045	1778.942	1417.942	97.00922	217.7385	92.35992	89.44526	34.09083	0	65.90917	20.69904	45.21013	25.35444	1
1775.05	1778.947	1417.947	91.99411	50.19808	91.5457	90.80229	46.69265	5.49768	47.80967	24.19774	23.61193	29.71108	1
1775.055	1778.951	1417.951	89.58686	56.2135	89.36266	88.02923	45.714	5.649615	48.63638	15.54109	33.09529	29.53486	1
1775.06	1778.956	1417.956	85.71638	52.14752	85.18537	83.87555	52.63656	2.637011	44.72643	13.69766	31.02877	30.36612	1
1775.065	1778.961	1417.961	85.70458	28.36435	85.50398	85.45678	55.84229	2.10882	42.04889	17.32584	24.72305	31.00569	1
1775.07	1778.966	1417.966	89.46886	54.05519	90.50728	88.78445	36.55953	10.63146	52.80901	37.80751	15.0015	28.74538	1
1775.075	1778.971	1417.971	86.271	41.10534	85.95239	86.69581	53.15239	2.80481	44.0428	30.17672	13.86608	30.25151	1
1775.08	1778.976	1417.976	88.86705	52.1336	88.87885	87.12061	45.53453	5.942377	48.52309	23.65096	24.87213	29.60697	1
1775.085	1778.981	1417.981	81.4565	51.35382	80.68948	79.76906	58.57677	0.602293	40.82094	23.135	17.68594	31.0577	1
1775.09	1778.986	1417.986	85.43318	27.50103	85.27978	84.99657	55.9351	2.093942	41.97096	13.89861	28.07235	31.06536	1
1775.095	1778.991	1417.991	86.95541	23.78317	86.6014	85.94059	56.98905	1.791599	41.21935	22.69429	18.52506	31.45196	1
1775.1	1778.996	1417.996	88.35964	38.18118	88.64285	89.26826	47.27444	5.78021	46.94535	25.9222	21.02315	29.52417	1
1775.105	1779.001	1418.001	87.32122	64.54039	87.94663	87.81683	39.19875	8.257739	52.54351	28.23809	24.30541	28.50296	1
1775.11	1779.006	1418.006	87.21502	68.63422	87.35662	85.72819	42.05528	6.698177	51.24654	25.61044	25.6361	28.96409	1
1775.115	1779.011	1418.011	93.88215	84.98167	91.67551	88.58384	50.16436	0.589301	49.24634	17.39281	31.85353	30.54379	1
1775.12	1779.016	1418.016	97.37502	116.674	95.82919	94.25976	34.16007	6.867478	58.97245	27.92467	31.04778	28.46365	1
1775.125	1779.021	1418.021	96.0888	91.1781	93.81135	89.96447	47.18342	0.985787	51.83079	22.35013	29.48066	30.39175	1
1775.13	1779.026	1418.026	94.16536	144.0915	90.97929	84.20595	43.18974	0.264288	56.54597	28.84805	27.69793	29.79752	1
1775.135	1779.03	1418.03	94.02376	124.5275	90.33028	86.89641	51.98694	0	48.01306	26.6249	21.38816	26.15243	1
1775.14	1779.035	1418.035	87.88763	54.31976	86.97901	85.59838	53.03979	2.245572	44.71463	22.27584	22.43879	30.53982	1
1775.145	1779.04	1418.04	86.4952	61.90865	85.31518	82.88433	54.58771	1.422107	43.99018	15.10479	28.8854	30.79943	1
1775.15	1779.045	1418.045	89.43346	72.75589	87.07341	84.59536	58.40467	0	41.59533	14.79641	26.79892	29.74252	1
1775.155	1779.05	1418.05	96.49001	87.58556	95.67579	92.63133	36.34367	8.543651	55.11268	36.84141	18.27127	28.93425	1
1775.16	1779.055	1418.055	94.57837	67.93799	96.4192	92.46612	22.28042	20.40932	57.31026	42.94796	14.3623	28.48052	1
1775.165	1779.06	1418.06	96.61981	31.06572	96.97382	95.13298	40.84831	11.4425	47.70918	18.01381	29.69537	29.30466	1
1775.17	1779.065	1418.065	89.07945	47.78913	89.94087	89.81107	39.80595	9.187187	51.00687	21.45585	29.55102	28.75732	1
1775.175	1779.07	1418.07	91.78171	38.05586	91.56931	90.68429	47.99744	5.619803	46.38275	17.02833	29.35443	30.01372	1
1775.18	1779.075	1418.075	88.81985	35.96717	89.46886	90.74329	44.55183	7.349989	48.09818	31.41743	16.68075	29.09705	1
1775.185	1779.08	1418.08	94.16536	21.97298	94.12996	94.24796	48.32477	6.828117	44.84712	23.78249	21.06462	30.05139	1
1775.19	1779.085	1418.085	94.73177	38.52929	95.77019	98.41345	35.47492	14.09351	50.43158	34.27862	16.15295	27.89661	1
1775.195	1779.09	1418.09	93.30394	30.9961	93.31574	93.72875	46.56787	7.104521	46.32761	18.36216	27.96545	29.65225	1
1775.2	1779.095	1418.095	94.00016	30.66191	94.38956	95.84099	43.08176	9.467786	47.45045	33.12572	14.32473	28.98214	1
1775.205	1779.1	1418.1	99.64067	31.02395	100.6319	100.9505	33.14083	18.67734	48.18183	31.76316	16.41867	27.92759	1
1775.21	1779.105	1418.105	96.95022	52.89945	97.44583	96.54901	34.16316	14.05119	51.78566	18.25454	33.53111	28.38622	1
1775.215	1779.109	1418.109	92.06492	112.5802	90.10608	87.53362	43.23689	3.227368	53.53574	21.26845	32.26729	29.07399	1
1775.22	1779.114	1418.114	90.92029	54.98814	89.51606	87.16781	53.92898	1.344114	44.72691	14.31743	30.40948	31.07002	1
1775.225	1779.119	1418.119	95.9944	26.31744	95.61679	95.03858	48.24279	6.510844	45.24636	28.13548	17.11088	30.20103	1
1775.23	1779.124	1418.124	98.35444	36.63555	98.01224	98.54325	43.30021	9.020409	47.67938	29.24116	18.43822	29.24178	1
1775.235	1779.129	1418.129	93.28034	31.16319	93.10334	93.87035	48.01237	6.185102	45.80253	19.11105	26.69148	29.80784	1
1775.24	1779.134	1418.134	94.24796	78.00545	92.41892	91.2861	48.5896	1.915332	49.49507	14.75083	34.74424	30.01018	1
1775.245	1779.139	1418.139	79.26165	81.02709	78.71884	75.78058	51.67751	2.5955	45.72699	19.1297	26.59729	29.67007	1
1775.25	1779.144	1418.144	80.50068	85.73359	79.12005	80.13487	55.89172	1.188887	42.9194	18.43817	24.48123	29.54523	1
1775.255	1779.149	1418.149	76.5004	77.96368	74.60056	71.9455	65.47618	0	34.52382	10.79575	23.72807	30.52335	1
1775.26	1779.154	1418.154	78.17603	58.31611	76.9252	76.45319	63.65945	0	36.34055	18.81077	17.52978	30.5555	1

1775.265	1779.159	1418.159	79.21445	46.49415	78.68344	77.98723	59.98646	0.280123	39.73342	9.811525	29.9219	31.22491	1
1775.27	1779.164	1418.164	81.20869	32.83414	81.19689	82.76632	57.43359	1.26084	41.30557	22.11423	19.19134	30.70303	1
1775.275	1779.169	1418.169	80.92549	21.73626	81.03169	81.11429	59.46531	0.723142	39.81155	12.76984	27.04171	31.5288	1
1775.28	1779.174	1418.174	79.19085	13.13087	79.02565	78.88404	65.24707	0	34.75293	19.63623	15.11669	31.28859	1
1775.285	1779.179	1418.179	79.03745	18.22727	78.86044	78.57724	64.24633	0	35.75367	13.84092	21.91275	31.36475	1
1775.29	1779.183	1418.183	75.50918	58.7617	76.34699	75.50918	49.81815	3.000726	47.18113	14.43222	32.74891	29.30412	1
1775.295	1779.188	1418.188	75.92218	68.67599	75.86318	74.95456	53.98926	1.947586	44.06315	27.28815	16.775	29.65503	1
1775.3	1779.193	1418.193	76.5476	75.98639	76.26439	72.45291	53.38235	2.141007	44.47664	16.8372	27.63944	29.99339	1
1775.305	1779.198	1418.198	75.59178	33.05693	74.93096	73.65654	67.57709	0	32.42291	24.98518	7.437732	30.54969	1
1775.31	1779.203	1418.203	75.87498	22.47426	75.76878	75.48557	65.57931	0	34.42069	12.73937	21.68131	30.78639	1
1775.315	1779.208	1418.208	76.98421	26.52631	76.8898	74.24655	63.48678	0	36.51322	12.47669	24.03653	31.58423	1
1775.32	1779.213	1418.213	81.5627	45.60297	80.64228	78.05803	61.05964	0	38.94036	20.97402	17.96634	31.72777	1
1775.325	1779.218	1418.218	87.22682	119.0272	84.44196	80.61868	52.52938	0.243984	47.22664	16.37483	30.85181	29.95758	1
1775.33	1779.223	1418.223	90.03527	110.4776	87.07341	85.86979	53.3864	0	46.6136	14.16094	32.45266	28.74736	1
1775.335	1779.228	1418.228	89.87007	58.34396	88.41864	86.15299	54.44888	1.102089	44.44903	18.30794	26.14109	31.03325	1
1775.34	1779.233	1418.233	92.60773	114.1954	90.63709	87.59262	42.43806	3.385869	54.17607	25.34372	28.83235	29.10747	1
1775.345	1779.238	1418.238	90.87309	91.37304	89.62227	84.64256	43.97838	4.40641	51.61521	16.96305	34.65216	29.71168	1
1775.35	1779.243	1418.243	87.15601	39.64326	87.45102	87.76963	47.9365	5.267487	46.79601	32.86885	13.92716	29.61388	1
1775.355	1779.248	1418.248	85.68098	28.96311	85.50398	84.67796	55.5362	2.217407	42.24639	28.18808	14.05832	31.08299	1
1775.36	1779.253	1418.253	83.74574	68.75954	84.02895	84.15875	44.11926	5.536232	50.34451	17.738	32.6065	28.69944	1
1775.365	1779.258	1418.258	90.63709	95.41117	87.88763	83.72214	54.83267	0	45.16733	23.90315	21.26418	29.46181	1
1775.37	1779.262	1418.262	93.61075	221.6931	92.66673	75.68618	7.544529	15.55561	76.89986	62.24041	14.65945	-9999	1
1775.375	1779.267	1418.267	88.34784	125.4186	86.2238	79.76906	44.83002	2.911119	52.25886	34.40118	17.85769	29.47024	1
1775.38	1779.272	1418.272	84.46556	25.53767	84.17055	81.91671	58.39787	1.133662	40.46847	19.7758	20.69267	31.86555	1
1775.385	1779.277	1418.277	88.06463	77.89406	85.81079	83.86375	57.59748	0	42.40252	22.79653	19.60598	30.09487	1
1775.39	1779.282	1418.282	93.61075	162.3884	89.38626	83.07313	47.3199	0	52.6801	19.74906	32.93104	26.18443	1
1775.395	1779.287	1418.287	92.92633	111.6194	91.0855	85.94059	41.76238	3.835438	54.40218	27.43537	26.96682	29.47357	1
1775.4	1779.292	1418.292	88.93785	63.27326	86.83741	84.50096	59.14348	0	40.85652	12.11557	28.74095	30.25293	1
1775.405	1779.297	1418.297	91.1563	58.24649	89.39806	86.04679	55.66689	0.198959	44.13415	11.79086	32.3433	31.56534	1
1775.41	1779.302	1418.302	89.84647	75.98639	88.63104	86.2356	48.37208	3.192121	48.43579	33.4863	14.9495	29.88316	1
1775.415	1779.307	1418.307	84.00535	128.2453	80.72488	75.99299	57.10334	0	42.89666	8.81024	34.08642	29.70731	1
1775.42	1779.312	1418.312	79.69826	99.68601	78.51824	78.37663	51.69877	2.461383	45.83984	15.91032	29.92952	28.82763	1
1775.425	1779.317	1418.317	79.34425	63.31503	78.15243	75.21417	60.91769	0	39.08231	9.903361	29.17895	31.37945	1
1775.43	1779.322	1418.322	77.89282	29.60364	78.06983	77.84562	59.80274	0.394128	39.80313	25.23534	14.56779	31.35412	1
1775.435	1779.327	1418.327	77.94003	17.72598	77.81022	77.19661	65.01146	0	34.98854	18.14274	16.8458	31.20112	1
1775.44	1779.332	1418.332	75.20237	15.34488	75.07257	75.14337	68.10633	0	31.89367	12.94825	18.94541	30.43076	1
1775.445	1779.337	1418.337	75.09617	31.16319	74.29375	73.68014	69.58876	0	30.41124	22.8304	7.580842	30.22304	1
1775.45	1779.341	1418.341	75.48557	34.2266	74.54156	72.60632	69.58658	0	30.41342	14.01559	16.39782	30.4385	1
1775.455	1779.346	1418.346	73.58574	24.5351	73.72734	73.89254	65.26621	0	34.73379	13.3591	21.3747	30.49981	1
1775.46	1779.351	1418.351	73.95154	45.17131	74.44715	76.524	57.19214	0.90105	41.90681	24.43544	17.47136	29.96684	1
1775.465	1779.356	1418.356	76.6774	52.16145	76.01659	76.01659	61.95503	0	38.04497	11.75477	26.2902	30.8951	1
1775.47	1779.361	1418.361	78.49464	36.39883	78.57724	79.99327	58.33625	0.827332	40.83641	23.08849	17.74793	30.68724	1
1775.475	1779.366	1418.366	79.58026	65.20877	79.62746	81.7987	50.63983	3.040197	46.31997	22.99784	23.32213	28.90686	1
1775.48	1779.371	1418.371	80.59508	40.82685	79.35605	78.57724	65.57488	0	34.42512	19.41986	15.00526	30.53369	1
1775.485	1779.376	1418.376	85.23257	42.2193	85.03197	84.66616	52.92364	2.852905	44.22345	26.05516	18.16829	30.35099	1
1775.49	1779.381	1418.381	80.33547	64.67964	81.22049	79.48586	43.58	5.445589	50.97441	16.54371	34.4307	28.9419	1
1775.495	1779.386	1418.386	79.98147	77.85228	79.46226	80.68948	51.60068	2.626597	45.77272	22.16594	23.60679	28.99205	1
1775.5	1779.391	1418.391	75.92218	67.04682	76.5476	81.6335	49.07931	3.256452	47.66424	20.8306	26.83364	27.97769	1
1775.505	1779.396	1418.396	74.21115	26.38706	74.21115	76.7364	65.34007	0	34.65993	20.38586	14.27407	30.10252	1
1775.51	1779.401	1418.401	78.49464	37.48495	79.22625	80.94909	53.04356	2.44027	44.51617	27.76764	16.74853	29.77503	1
1775.515	1779.406	1418.406	82.10551	41.27243	83.55694	85.31518	43.22642	6.377763	50.39582	30.92556	19.47025	28.69756	1
1775.52	1779.411	1418.411	77.44441	30.21632	78.04623	78.64804	56.77474	1.249013	41.97624	16.45148	25.52476	30.64289	1
1775.525	1779.415	1418.415	77.17301	37.42925	76.34699	75.87498	66.34458	0	33.65542	21.70174	11.95368	30.52317	1
1775.53	1779.42	1418.42	76.9606	27.40356	76.7364	76.7128	64.30217	0	35.69783	13.02937	22.66846	30.93848	1
1775.535	1779.425	1418.425	77.98723	23.18441	78.02263	77.19661	62.36677	0	37.63323	13.60653	24.0267	31.62778	1
1775.54	1779.43	1418.43	79.79266	20.53874	79.60386	79.09645	63.0836	0	36.9164	12.9462	23.9702	31.64646	1
1775.545	1779.435	1418.435	81.12609	22.73883	80.72488	80.18207	62.97056	0	37.02944	24.63524	12.39419	31.68526	1
1775.55	1779.44	1418.44	75.40297	21.15143	75.42657	75.94578	65.32772	0	34.67228	9.747232	24.92505	30.64816	1
1775.555	1779.445	1418.445	81.3975	39.22552	81.5627	84.13515	54.3414	2.236589	43.42201	23.25966	20.16235	29.90087	1
1775.56	1779.45	1418.45	83.95815	48.87525	84.54816	85.72819	46.3581	5.246846	48.39506	32.46707	15.92798	29.03859	1
1775.565	1779.455	1418.455	79.81626	69.1355	79.41506	81.3857	52.94761	2.280379	44.77201	21.661	23.11101	29.18913	1
1775.57	1779.46	1418.46	78.60084	21.58309	78.44744	79.62746	63.653	0	36.347	19.20655	17.14046	31.08986	1
1775.575	1779.465	1418.465	79.79266	23.92242	79.41506	79.14365	63.72799	0	36.27201	25.17251	11.0995	31.35299	1
1775.58	1779.47	1418.47	75.67438	37.02544	75.53278	75.35577	62.51684	0	37.48316	6.187374	31.29579	31.0074	1
1775.585	1779.475	1418.475	70.32887	50.65759	69.23145	67.2018	71.54333	0	28.45667	14.02021	14.43646	30.32409	1
1775.59	1779.48	1418.48	79.71006	61.25419	80.47708	83.50974	45.89886	4.631081	49.47006	26.31372	23.15634	28.30342	1
1775.595	1779.485	1418.485	77.35001	59.24906	78.19963	79.22625	47.91518	3.738825	48.34599	20.23865	28.10735	28.82034	1
1775.6	1779.49	1418.49	79.15545	13.89672	79.53306	79.76906	60.88752	0.239379	38.8731	18.67136	20.20174	31.83117	1
1775.605	1779.494	1418.494	73.30253	12.37894	73.24353	73.37333	70.02323	0	29.97677	17.15207	12.8247	30.09917	1
1775.61	1779.499	1418.499	74.52975	12.36502	74.25835	74.30555	70.54368	0	29.45632	9.80738	19.64894	30.16689	1
1775.615	1779.504	1418.504	75.54458	27.25039	75.01356	74.62416	68.01973	0	31.98027	13.69665	18.28362	30.39949	1
1775.62	1779.509	1418.509	71.11948	15.91579	71.40269	72.61812	68.52361	0	31.47639	17.32333	14.15306	29.76868	1
1775.625	1779.514	1418.514	74.09315	37.79129	74.18755	74.37635	61.9572	0	38.0428	11.26449	26.77831	30.87097	1

1775.63	1779.519	1418.519	83.98175	18.50576	83.92275	83.79295	58.71566	1.197284	40.08706	11.63023	28.45683	31.61628	1
1775.635	1779.524	1418.524	86.81381	10.93079	87.19142	87.81683	54.55959	3.445678	41.99474	19.76538	22.22935	30.92155	1
1775.64	1779.529	1418.529	86.4126	13.84102	86.73121	87.15601	54.68168	3.222127	42.09619	31.85938	10.23681	30.93089	1
1775.645	1779.534	1418.534	86.70761	12.39287	87.15601	87.40382	53.75476	3.740971	42.50427	14.35585	28.14842	30.83005	1
1775.65	1779.539	1418.539	87.69883	14.80182	88.30064	89.48066	51.07099	5.037599	43.89141	31.25982	12.63159	30.21288	1
1775.655	1779.544	1418.544	87.73423	12.22577	88.13543	88.79625	53.21651	4.12617	42.65732	29.07983	13.57749	30.69131	1
1775.66	1779.549	1418.549	89.52786	8.883877	89.76387	90.31848	53.65543	4.283548	42.06102	31.20533	10.85569	30.87129	1
1775.665	1779.554	1418.554	92.12392	27.87699	91.56931	92.05312	52.798	3.580946	43.62105	15.12746	28.4936	30.65331	1
1775.67	1779.559	1418.559	92.33632	33.51645	91.3687	90.95569	54.43866	2.218835	43.34251	29.04074	14.30177	31.09528	1
1775.675	1779.564	1418.564	91.3451	28.64285	90.42468	90.31848	56.16419	1.704123	42.13169	23.70475	18.42694	31.36265	1
1775.68	1779.568	1418.568	91.2625	26.93012	91.84071	92.94993	45.04027	8.097325	46.86241	33.80585	13.05656	29.29637	1
1775.685	1779.573	1418.573	92.60773	28.30866	93.57535	94.75537	40.45114	11.08916	48.4597	26.99445	21.46525	28.7227	1
1775.69	1779.578	1418.578	92.21832	23.86672	92.05312	91.56931	50.66373	5.121791	44.21448	25.39545	18.81903	30.48658	1
1775.695	1779.583	1418.583	88.79625	49.02842	86.95541	85.38598	60.70907	0	39.29093	10.59701	28.69392	30.52021	1
1775.7	1779.588	1418.588	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1776.015	1779.899	1418.899	67.1428	20.65014	67.34341	68.27563	71.67661	0	28.32339	18.98462	9.338774	29.32416	1
1776.02	1779.904	1418.904	73.90434	27.16684	74.74216	73.86894	58.94055	0.325681	40.73377	26.4132	14.32058	31.17545	1
1776.025	1779.909	1418.909	75.17877	17.53104	74.68316	72.68892	70.434	0	29.566	12.51669	17.04931	30.53374	1
1776.03	1779.914	1418.914	76.08739	13.36759	75.73338	74.89556	69.5082	0	30.4918	22.05261	8.439191	30.51737	1
1776.035	1779.919	1418.919	76.9488	13.1448	76.8426	76.28799	66.84913	0	33.15087	17.65396	15.49691	30.89015	1
1776.04	1779.924	1418.924	76.8308	10.4295	76.642	76.642	68.25495	0	31.74505	19.38893	12.35612	30.62218	1
1776.045	1779.929	1418.929	76.5712	7.950931	76.6066	76.5358	67.35602	0	32.64398	5.552292	27.09169	30.78704	1
1776.05	1779.934	1418.934	76.97241	6.642021	76.98421	76.7836	67.48657	0	32.51343	16.4842	16.02923	30.85617	1
1776.055	1779.939	1418.939	77.49162	10.4852	77.40901	77.60962	66.81046	0	33.18954	16.58796	16.60158	30.85748	1
1776.06	1779.944	1418.944	77.69222	13.0334	77.51522	77.71582	66.74085	0	33.25915	13.50018	19.75897	30.82985	1
1776.065	1779.949	1418.949	78.30583	13.72963	78.05803	77.19661	66.55655	0	33.44345	16.7894	16.65404	31.08551	1
1776.07	1779.954	1418.954	79.39145	24.39585	78.71884	78.02263	66.26882	0	33.73118	13.61478	20.1164	30.87717	1
1776.075	1779.958	1418.958	83.47434	105.047	79.71006	77.45622	66.95539	0	33.04461	25.00302	8.04159	27.80831	1
1776.08	1779.963	1418.963	80.42988	65.06953	78.14063	74.76576	67.99935	0	32.00065	19.02363	12.97701	29.91047	1
1776.085	1779.968	1418.968	78.84864	37.80521	77.57422	74.28195	68.18719	0	31.81281	12.01045	19.80236	30.70386	1
1776.09	1779.973	1418.973	77.79842	22.55781	76.7128	75.42657	71.38004	0	28.61996	15.12331	13.49666	30.24793	1
1776.095	1779.978	1418.978	77.84562	20.30203	77.19661	76.28799	68.49879	0	31.50121	14.34568	17.15553	30.61009	1
1776.1	1779.983	1418.983	78.10523	10.83332	77.73942	77.26741	68.35654	0	31.64346	18.24421	13.39926	30.76729	1
1776.105	1779.988	1418.988	78.69524	15.06639	78.74244	78.23503	63.58851	0	36.41149	17.23934	19.17215	31.59248	1
1776.11	1779.993	1418.993	79.46226	12.99163	79.02565	79.00205	67.13447	0	32.86553	20.27471	12.59082	30.90766	1
1776.115	1779.998	1418.998	80.64228	36.30136	79.15545	76.40599	68.54711	0	31.45289	23.19111	8.261784	30.44103	1
1776.12	1780.003	1419.003	80.37088	32.09614	79.29705	78.74244	66.61365	0	33.38635	15.35843	18.02792	30.54919	1
1776.125	1780.008	1419.008	79.45046	14.7879	79.00205	78.30583	66.80208	0	33.19792	18.07383	15.12409	31.04364	1
1776.13	1780.013	1419.013	78.22323	19.34123	77.53882	76.7128	68.65826	0	31.34174	24.81563	6.526107	30.5977	1
1776.135	1780.018	1419.018	78.02263	37.76344	76.29979	74.76576	72.43241	0	27.56759	12.80613	14.76147	29.88723	1
1776.14	1780.023	1419.023	78.29403	42.76236	76.45319	76.08739	71.88749	0	28.11251	16.33303	11.77948	29.6144	1
1776.145	1780.028	1419.028	77.42081	22.91985	76.35879	75.32037	71.45692	0	28.54308	7.072128	21.47095	30.19654	1
1776.15	1780.032	1419.032	77.55062	32.59742	75.55638	74.39995	76.22022	0	23.77978	13.38731	10.39247	29.62096	1
1776.155	1780.037	1419.037	77.71582	50.17023	75.15517	73.68014	76.20531	0	23.79469	10.84319	12.95151	29.41908	1
1776.16	1780.042	1419.042	72.25231	46.89796	71.24929	71.08408	69.95198	0	30.04802	6.008293	24.03973	30.019	1
1776.165	1780.047	1419.047	71.55609	56.77048	70.65928	68.99544	67.38028	0	32.61972	9.069852	23.54987	30.4476	1
1776.17	1780.052	1419.052	70.16367	91.31735	68.14582	64.32255	68.9889	0	31.0111	6.124849	24.88625	31.02734	1
1776.175	1780.057	1419.057	68.90104	43.24972	67.59121	66.50559	76.29577	0	23.70423	4.922895	18.78134	30.13187	1
1776.18	1780.062	1419.062	70.84808	20.56659	71.24929	73.19633	66.73329	0	33.26671	8.140961	25.12575	29.71845	1
1776.185	1780.067	1419.067	72.64172	47.21823	71.9691	71.01328	66.95557	0	33.04443	10.293	22.75143	30.36754	1
1776.19	1780.072	1419.072	67.83902	86.06778	65.64417	67.40241	73.76975	0	26.23025	14.09913	12.13112	30.12264	1
1776.195	1780.077	1419.077	68.94824	63.80239	67.2018	68.01602	74.66232	0	25.33768	11.19393	14.14375	29.96233	1
1776.2	1780.082	1419.082	69.65625	35.35449	68.70044	66.57639	74.76806	0	25.23194	8.892031	16.33991	30.21469	1
1776.205	1780.087	1419.087	69.80966	14.84359	69.63265	70.25807	73.55474	0	26.44526	8.579175	17.86608	29.5722	1
1776.21	1780.092	1419.092	71.08408	46.71694	70.37607	69.25505	68.78426	0	31.21574	17.90384	13.31191	30.23112	1
1776.215	1780.097	1419.097	70.58847	30.84293	70.11646	69.76246	71.25269	0	28.74731	21.75361	6.9937	29.91767	1
1776.22	1780.102	1419.102	75.42657	10.6523	75.55638	75.66258	67.02373	0	32.97627	17.85101	15.12526	30.63533	1
1776.225	1780.107	1419.107	74.15215	17.55889	74.24655	75.15517	66.79916	0	33.20084	23.16913	10.03171	30.29824	1
1776.23	1780.111	1419.111	72.38211	30.66191	72.19331	73.30253	67.45151	0	32.54849	5.817708	26.73079	29.96494	1
1776.235	1780.116	1419.116	73.38513	21.20712	73.24353	73.30253	68.45098	0	31.54902	10.95021	20.59881	30.19144	1
1776.24	1780.121	1419.121	69.57365	23.47683	68.73584	68.34643	76.80393	0	23.19607	16.86883	6.327241	29.838	1
1776.245	1780.126	1419.126	73.53853	30.06315	74.35275	76.8426	58.75909	0.358901	40.88201	28.01475	12.86726	30.44301	1
1776.25	1780.131	1419.131	73.53853	22.93377	72.93672	74.21115	71.45862	0	28.54138	13.55699	14.98439	29.74088	1
1776.255	1780.136	1419.136	73.63294	29.42262	73.24353	73.65654	68.15534	0	31.84466	7.21852	24.62614	30.12117	1
1776.26	1780.141	1419.141	75.35577	42.06613	73.68014	74.60056	73.47885	0	26.52115	11.83453	14.68661	29.53321	1
1776.265	1780.146	1419.146	75.66258	55.53119	73.83354	74.76576	71.12692	0	28.87308	10.86386	18.00922	29.56372	1
1776.27	1780.151	1419.151	76.5948	47.90053	74.17575	73.38513	76.68849	0	23.31151	7.310334	16.00117	29.48815	1
1776.275	1780.156	1419.156	77.26741	46.02071	75.46197	74.69496	71.76911	0	28.23089	22.58732	5.643576	29.76387	1
1776.28	1780.161	1419.161	80.41808	19.59187	80.15847	80.11127	63.28608	0	36.71392	20.76122	15.9527	31.58199	1
1776.285	1780.166	1419.166	80.09947	25.25917	79.86346	79.40326	62.02481	0	37.97519	18.36068	19.61451	31.75215	1
1776.29	1780.171	1419.171	79.12005	16.3753	79.34425	80.59508	61.50915	0.020303	38.47055	24.52855	13.94199	31.71247	1
1776.295	1780.176	1419.176	77.58602	31.7898	78.90764	79.12005	50.68512	3.08409	46.23079	18.62742	27.60336	29.81126	1
1776.3	1780.181	1419.181	74.96636	19.64757	75.68618	76.20539	60.69767	0	39.30233	17.30359	21.99875	31.34147	1

1776.305	1780.185	1419.185	75.36757	24.5351	75.54458	76.524	63.35256	0	36.64744	25.40807	11.23937	30.80024	1
1776.31	1780.19	1419.19	74.64776	17.92092	74.75396	76.33519	66.16413	0	33.83587	22.01594	11.81993	30.29718	1
1776.315	1780.195	1419.195	73.53853	24.21483	73.40873	73.97514	67.49053	0	32.50947	15.7138	16.79567	30.17942	1
1776.32	1780.2	1419.2	72.72432	17.97662	72.40571	72.66532	71.21249	0	28.78751	5.276877	23.51064	29.92107	1
1776.325	1780.205	1419.205	71.7685	15.87401	71.46169	71.53249	72.50922	0	27.49078	12.75533	14.73545	29.83744	1
1776.33	1780.21	1419.21	71.8511	21.42992	71.55609	70.76548	70.99725	0	29.00275	11.8745	17.12825	30.06374	1
1776.335	1780.215	1419.215	71.8511	28.93526	71.9101	67.34341	66.4374	0	33.5626	20.83193	12.73068	31.05196	1
1776.34	1780.22	1419.22	73.88074	45.96501	73.68014	70.67108	62.46087	0	37.53913	14.4045	23.13463	31.29859	1
1776.345	1780.225	1419.225	73.82174	22.02867	73.89254	73.38513	66.20435	0	33.79565	21.95665	11.83901	30.5531	1
1776.35	1780.23	1419.23	74.29375	22.93377	74.76576	75.60358	62.4417	0	37.5583	24.43195	13.12635	30.84825	1
1776.355	1780.235	1419.235	74.31735	38.33435	74.77756	74.35275	58.7845	0.479186	40.73631	12.6131	28.12321	30.84559	1
1776.36	1780.24	1419.24	72.0399	21.12358	72.51191	73.32613	64.95331	0	35.04669	14.69433	20.35236	30.23598	1
1776.365	1780.245	1419.245	72.18151	22.43249	72.0753	72.54731	68.98742	0	31.01258	9.169986	21.84259	29.96958	1
1776.37	1780.25	1419.25	74.62416	37.91661	73.37333	71.43809	71.86386	0	28.13614	4.739879	23.39627	30.22741	1
1776.375	1780.255	1419.255	72.28771	42.45602	71.28469	70.24627	70.99436	0	29.00564	17.17974	11.8259	30.12665	1
1776.38	1780.26	1419.26	75.43837	96.1074	72.64172	71.22569	69.0128	0	30.9872	16.05265	14.93455	29.95349	1
1776.385	1780.264	1419.264	75.74518	101.9836	72.62992	71.43809	69.77771	0	30.22229	10.82861	19.39368	29.7726	1
1776.39	1780.269	1419.269	75.81598	73.66099	73.73914	72.53551	68.51887	0	31.48113	14.47878	17.00235	30.02516	1
1776.395	1780.274	1419.274	73.58574	31.48346	72.86592	71.08408	70.26069	0	29.73931	14.43652	15.30279	30.34482	1
1776.4	1780.279	1419.279	74.80116	32.88984	73.92794	73.65654	69.99103	0	30.00897	22.55488	7.45409	30.09701	1
1776.405	1780.284	1419.284	74.89556	29.89606	73.99874	73.73914	70.81158	0	29.18842	22.13489	7.053532	30.05082	1
1776.41	1780.289	1419.289	65.89198	17.37787	65.65597	65.95098	77.00297	0	22.99703	20.67775	2.31928	29.46062	1
1776.415	1780.294	1419.294	65.77398	10.72192	65.56157	65.23116	78.53937	0	21.46063	21.21282	0.247813	29.56318	1
1776.42	1780.299	1419.299	67.99242	24.03381	67.35521	67.29621	76.56919	0	23.43081	8.692118	14.73869	29.71825	1
1776.425	1780.304	1419.304	68.68863	63.28718	67.131	66.59999	73.56261	0	26.43739	13.03362	13.40377	30.1833	1
1776.43	1780.309	1419.309	67.80362	26.90227	67.47321	68.11042	73.67097	0	26.32903	5.216018	21.11301	29.52717	1
1776.435	1780.314	1419.314	69.57365	126.1984	67.0956	65.73857	64.65712	1.005351	34.33753	9.22548	25.11205	29.73036	1
1776.44	1780.319	1419.319	72.87772	238.2216	67.50861	67.70921	56.91348	4.480242	38.60628	26.28126	12.32502	25.73046	1
1776.445	1780.324	1419.324	73.53853	231.5378	69.07804	69.42025	50.88121	5.19753	43.92126	21.94315	21.97811	25.19397	1
1776.45	1780.329	1419.329	70.49407	94.26936	68.58243	69.65625	67.14747	0	32.85253	24.01339	8.839138	30.17996	1
1776.455	1780.334	1419.334	66.954	26.13642	66.64719	68.11042	74.45506	0	25.54494	11.20259	14.34236	29.32837	1
1776.46	1780.339	1419.339	68.94824	52.16145	68.67683	69.65625	66.04794	0	33.95206	15.9584	17.99366	29.89125	1
1776.465	1780.343	1419.343	67.42601	55.16916	67.2018	68.65323	66.35472	0	33.64528	21.59566	12.04961	29.71367	1
1776.47	1780.348	1419.348	70.02206	39.29514	70.09286	70.50587	65.52157	0	34.47843	19.60574	14.8727	30.03612	1
1776.475	1780.353	1419.353	72.40571	27.66813	72.31131	73.12553	67.42267	0	32.57733	8.810597	23.76673	30.02904	1
1776.48	1780.358	1419.358	68.37003	12.39287	68.22843	67.81542	75.19792	0	24.80208	8.119507	16.68257	29.64343	1
1776.485	1780.363	1419.363	69.47925	23.5186	69.51465	69.49105	70.11323	0	29.88677	23.85925	6.02752	29.76913	1
1776.49	1780.368	1419.368	67.43781	31.31636	66.8242	66.55279	75.13415	0	24.86585	14.69354	10.17231	29.76671	1
1776.495	1780.373	1419.373	68.47623	53.721	66.56459	66.30499	78.81659	0	21.18341	3.95944	17.22397	30.24084	1
1776.5	1780.378	1419.378	69.46745	58.26041	67.93342	66.68259	73.87967	0	26.12033	23.17653	2.943804	30.246	1
1776.505	1780.383	1419.383	70.30527	75.12307	69.20785	65.97458	65.6444	0	34.3556	6.392224	27.96338	30.90755	1
1776.51	1780.388	1419.388	72.21691	73.34072	71.41449	68.21663	62.03072	0.1285	37.84078	16.7457	21.09508	31.03142	1
1776.515	1780.393	1419.393	70.10466	24.56295	70.10466	67.93342	69.55948	0	30.44052	14.16801	16.27251	30.24697	1
1776.52	1780.398	1419.398	69.36125	16.04111	69.60905	69.66806	70.38521	0	29.61479	19.82085	9.793939	29.69196	1
1776.525	1780.403	1419.403	70.29347	21.75018	70.18727	69.66806	70.88953	0	29.11047	18.85341	10.25706	29.90056	1
1776.53	1780.408	1419.408	71.03688	20.53874	70.55307	70.71828	73.42522	0	26.57478	16.74834	9.826444	29.75766	1
1776.535	1780.413	1419.413	71.34369	30.8847	71.23749	70.60027	67.71277	0	32.28723	8.161727	24.1255	30.18323	1
1776.54	1780.417	1419.417	71.34369	32.59742	71.6977	69.45565	63.73167	0	36.26833	9.162066	27.10626	30.80741	1
1776.545	1780.422	1419.422	74.80116	35.08992	75.13157	73.99874	60.13052	0.148607	39.72087	20.48842	19.23246	31.30266	1
1776.55	1780.427	1419.427	72.93672	50.00314	73.66834	73.97514	55.12744	1.366082	43.50648	17.72949	25.77699	29.81999	1
1776.555	1780.432	1419.432	74.68316	52.99692	74.62416	72.19331	58.9235	0.570153	40.50635	17.39357	23.11278	30.94524	1
1776.56	1780.437	1419.437	77.37361	64.94421	78.14063	72.96032	47.15541	3.943369	48.90123	26.84847	22.05276	29.77259	1
1776.565	1780.442	1419.442	76.6892	57.64773	76.08739	72.60632	60.15923	0.276927	39.56384	19.01259	20.55125	31.38049	1
1776.57	1780.447	1419.447	72.91312	58.77562	71.9101	71.08408	66.46964	0	33.53036	12.05353	21.47683	30.36668	1
1776.575	1780.452	1419.452	68.65323	25.59336	68.26383	67.75642	73.66334	0	26.33666	22.22155	4.115106	29.77758	1
1776.58	1780.457	1419.457	68.09862	29.90998	67.88622	67.92162	71.75719	0	28.24281	21.68326	6.559558	29.67077	1
1776.585	1780.462	1419.462	67.96882	28.30866	67.29621	66.16338	75.83075	0	24.16925	9.125469	15.04378	29.93588	1
1776.59	1780.467	1419.467	69.84506	49.16767	68.31103	65.80938	75.73272	0	24.26728	7.311402	16.95588	30.41521	1
1776.595	1780.472	1419.472	69.18425	25.07815	68.38183	66.65899	76.50031	0	23.49969	16.17606	7.323629	30.0756	1
1776.6	1780.477	1419.477	69.27865	23.69962	68.74764	67.44961	74.64367	0	25.35633	10.08515	15.27118	29.95232	1
1776.605	1780.482	1419.482	69.91586	52.38424	68.72404	67.82722	72.23706	0	27.76294	4.78099	22.98195	30.11159	1
1776.61	1780.487	1419.487	72.97212	72.15713	71.44989	66.836	67.20091	0	32.79909	5.60296	27.19613	30.99826	1
1776.615	1780.492	1419.492	70.95428	40.75722	70.21087	67.61481	70.62028	0	29.37972	13.05591	16.32381	30.40081	1
1776.62	1780.496	1419.496	70.87168	34.82536	70.06926	68.16942	72.58905	0	27.41095	19.72934	7.681612	30.19629	1
1776.625	1780.501	1419.501	73.36153	85.3437	71.22569	69.25505	68.40701	0	31.59299	17.2444	14.3486	30.40608	1
1776.63	1780.506	1419.506	72.77152	79.77388	70.91888	70.32887	68.10287	0	31.89713	19.37359	12.52354	30.21426	1
1776.635	1780.511	1419.511	70.97788	20.95648	70.88348	70.11646	70.3605	0	29.6395	10.54296	19.09655	30.01961	1
1776.64	1780.516	1419.516	69.59725	10.49913	69.65625	70.43507	72.97248	0	27.02752	23.08597	3.941554	29.5032	1
1776.645	1780.521	1419.521	70.22267	13.63216	70.38787	70.88348	70.81584	0	29.18416	6.909534	22.27463	29.67929	1
1776.65	1780.526	1419.526	70.18727	15.72084	70.81268	71.22569	66.77632	0	33.22368	19.5715	13.65218	29.89908	1
1776.655	1780.531	1419.531	70.83628	12.184	70.83628	71.6151	71.8821	0	28.1179	6.633452	21.48445	29.64834	1
1776.66	1780.536	1419.536	71.9101	9.844673	71.7095	71.9927	73.01498	0	26.98502	6.142864	20.84216	29.78963	1
1776.665	1780.541	1419.541	73.69194	12.25362	73.51493	73.72734	70.60982	0	29.39018	20.0618	9.328386	30.06246	1

1776.67	1780.546	1419.546	74.09315	12.96378	74.04595	73.91614	69.06288	0	30.93712	6.518037	24.41908	30.28594	1
1776.675	1780.551	1419.551	76.34699	18.89564	75.73338	75.17877	69.94352	0	30.05648	22.52403	7.532448	30.33806	1
1776.68	1780.556	1419.556	77.59782	23.93634	77.07861	76.5004	66.8413	0	33.1587	16.13477	17.02393	30.71673	1
1776.685	1780.561	1419.561	80.57148	32.84807	79.74546	79.35605	64.32664	0	35.67336	6.80151	28.87185	30.96881	1
1776.69	1780.566	1419.566	84.91397	24.59079	84.73696	82.95513	57.29995	1.611405	41.08864	19.52104	21.5676	31.59521	1
1776.695	1780.571	1419.571	85.26798	24.29838	85.11457	84.47736	56.86213	1.809999	41.32787	23.65784	17.67003	31.3233	1
1776.7	1780.575	1419.575	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1777.005	1780.877	1419.877	79.80446	20.10708	79.09645	77.51522	67.20109	0	32.79891	12.45794	20.34097	30.97851	1
1777.01	1780.881	1419.881	79.46226	31.85942	79.27345	79.07285	60.64797	0.176343	39.17568	14.39671	24.77897	31.53405	1
1777.015	1780.886	1419.886	80.25287	53.45643	79.28525	78.96665	60.72995	0	39.27005	15.72913	23.54091	31.15652	1
1777.02	1780.891	1419.891	81.6453	54.69572	81.14969	81.29129	55.49094	1.59212	42.91694	29.37176	13.54518	30.26524	1
1777.025	1780.896	1419.896	84.11155	50.74114	83.32094	82.05831	56.46529	1.220201	42.31451	18.89788	23.41662	30.90275	1
1777.03	1780.901	1419.901	85.71638	132.8961	82.88433	80.33547	50.92852	1.028084	48.0434	13.4802	34.5632	29.09772	1
1777.035	1780.906	1419.906	89.91727	152.4323	88.10003	81.96391	34.47108	6.078142	59.45077	30.92848	28.52229	28.43166	1
1777.04	1780.911	1419.911	96.61981	152.7943	96.43101	92.14752	15.59678	16.52344	67.87979	56.41955	11.46023	28.52574	1
1777.045	1780.916	1419.916	97.70543	186.2551	97.28062	90.93209	8.329541	18.16305	73.50741	66.56627	6.941138	29.39954	1
1777.05	1780.921	1419.921	98.21284	167.4151	98.74385	100.8207	5.014389	23.21158	71.77403	71.77403	0	-9999	1
1777.055	1780.926	1419.926	94.56657	159.1022	95.9944	100.0301	3.430357	24.22207	72.34757	72.34757	0	-9999	1
1777.06	1780.931	1419.931	93.43374	97.76442	94.54297	96.372	21.78549	17.23344	60.98107	34.61461	26.36646	27.35952	1
1777.065	1780.936	1419.936	95.26278	133.105	96.46641	91.1445	10.81874	21.94109	67.24017	52.3315	14.90866	29.03876	1
1777.07	1780.941	1419.941	90.25948	261.8098	86.84921	77.96363	20.0329	7.673831	72.29327	49.26999	23.02328	27.78097	1
1777.075	1780.946	1419.946	86.75481	221.1501	81.92851	78.09343	44.07108	1.200976	54.72794	33.90584	20.8221	27.24761	1
1777.08	1780.951	1419.951	81.7397	97.72265	79.01385	76.42959	62.27598	0	37.72402	22.41319	15.31084	29.70345	1
1777.085	1780.956	1419.956	84.30036	100.1594	81.96391	76.6892	56.31256	0.167761	43.51968	28.60427	14.91541	30.82416	1
1777.09	1780.96	1419.96	84.15875	72.12929	82.41232	79.94607	58.65354	0	41.34646	15.21869	26.12778	31.05472	1
1777.095	1780.965	1419.965	82.31792	67.13036	81.00809	78.78964	58.17313	0.443022	41.38385	26.31716	15.06669	30.98729	1
1777.1	1780.97	1419.97	80.42988	73.00653	78.88404	74.42355	60.31713	0	39.68287	10.55156	29.13131	31.44226	1
1777.105	1780.975	1419.975	84.74877	93.53135	82.41232	77.51522	57.50402	0	42.49598	19.2263	23.26968	30.77275	1
1777.11	1780.98	1419.98	85.81079	88.82485	83.43894	79.48586	57.94029	0	42.05971	20.67788	21.38183	30.37834	1
1777.115	1780.985	1419.985	83.35634	235.7569	81.26769	73.30253	22.44597	9.91329	67.64073	37.23409	30.40664	27.10902	1
1777.12	1780.99	1419.99	84.76057	81.63977	83.81655	77.51522	49.57961	3.029947	47.39045	17.14312	30.24732	30.33698	1
1777.125	1780.995	1419.995	83.40354	99.08726	81.4093	75.04897	54.745	0.946062	44.30894	19.14453	25.16441	30.7031	1
1777.13	1781	1420	85.81079	97.13782	84.34756	83.92275	48.88676	2.735346	48.3779	14.73637	33.64152	29.00122	1
1777.135	1781.005	1420.005	82.37692	74.95597	81.10249	80.27647	55.95069	1.076468	42.97284	25.44677	17.52607	30.21277	1
1777.14	1781.01	1420.01	81.4565	34.10128	81.10249	82.28251	59.55107	0.52021	39.92872	17.54084	22.38788	31.13707	1
1777.145	1781.015	1420.015	83.93455	136.5304	79.73366	75.96938	62.29672	0	37.70328	11.07552	26.62776	27.88568	1
1777.15	1781.02	1420.02	85.42138	177.5383	82.02291	74.11675	44.7862	2.447594	52.7662	32.18339	20.58282	28.61626	1
1777.155	1781.025	1420.025	88.81985	101.4962	87.48642	80.87829	44.05772	4.179415	51.76287	35.95848	15.80438	29.74625	1
1777.16	1781.03	1420.03	88.13543	127.5769	85.48038	77.22021	48.61846	1.257285	50.12426	23.75074	26.37352	30.18324	1
1777.165	1781.034	1420.034	83.09673	113.7638	81.6689	75.83958	47.08586	3.4237	49.49044	16.29452	33.19593	29.31492	1
1777.17	1781.039	1420.039	84.89037	88.24002	86.3654	85.94059	29.11529	11.3612	59.52351	41.35185	18.17166	27.84245	1
1777.175	1781.044	1420.044	83.48614	55.83754	84.24135	82.25891	43.82715	5.994479	50.17837	30.74515	19.43322	29.23371	1
1777.18	1781.049	1420.049	87.04981	30.49481	86.2356	83.74574	58.84461	0.689849	40.46554	29.17035	11.29519	32.05287	1
1777.185	1781.054	1420.054	85.94059	34.31015	85.33878	84.44196	57.29565	1.28109	41.42326	30.04752	11.37575	31.33934	1
1777.19	1781.059	1420.059	83.59234	36.70517	82.97873	82.95513	58.96789	0.636812	40.3953	18.50117	21.89413	31.3253	1
1777.195	1781.064	1420.064	83.42714	43.69531	82.35332	81.07889	60.99489	0	39.00511	25.11782	13.88729	31.47987	1
1777.2	1781.069	1420.069	82.62472	93.01614	80.35907	80.68948	59.03411	0	40.96589	13.64676	27.31913	29.89605	1
1777.205	1781.074	1420.074	80.46528	126.3098	77.38541	75.06077	59.27392	0.021906	40.70418	15.03207	25.6721	29.92931	1
1777.21	1781.079	1420.079	78.24683	56.99327	76.8426	73.66834	65.10332	0	34.89668	17.87237	17.02431	30.81105	1
1777.215	1781.084	1420.084	79.55666	38.11155	78.69524	78.30583	64.26087	0	35.73913	17.66921	18.06992	30.83478	1
1777.22	1781.089	1420.089	81.5745	62.25676	80.45348	79.32065	58.57325	0.453048	40.9737	16.1907	24.783	30.89106	1
1777.225	1781.094	1420.094	83.39174	104.1837	81.3857	78.76604	53.61398	1.257034	45.12899	25.61915	19.50984	29.74818	1
1777.23	1781.099	1420.099	83.79295	81.80686	82.37692	80.01687	54.08745	1.432553	44.47999	20.55756	23.92243	30.18384	1
1777.235	1781.104	1420.104	79.68646	26.84658	79.62746	76.35879	60.64884	0.224163	39.12699	24.64521	14.48178	32.20374	1
1777.24	1781.109	1420.109	74.68316	29.78466	74.15215	73.69194	68.19894	0	31.80106	19.62932	12.17174	30.31776	1
1777.245	1781.113	1420.113	64.54675	21.88943	64.02754	63.42573	79.34363	0	20.65637	20.65637	0	29.78781	1
1777.25	1781.118	1420.118	63.99214	18.00447	63.81513	62.98912	78.14193	0	21.85807	19.50255	2.355526	29.61102	1
1777.255	1781.123	1420.123	67.34341	40.24201	66.19878	65.43177	77.17633	0	22.82367	8.423229	14.40044	30.06344	1
1777.26	1781.128	1420.128	67.83902	40.53443	66.9422	66.9422	74.72911	0	25.27089	5.744565	19.52632	29.82777	1
1777.265	1781.133	1420.133	66.58819	25.14778	65.97458	64.74735	77.4086	0	22.5914	11.92068	10.67072	29.91905	1
1777.27	1781.138	1420.138	67.2254	31.19104	67.0484	69.32585	71.97617	0	28.02383	4.901116	23.12271	29.20056	1
1777.275	1781.143	1420.143	69.65625	44.32191	69.30225	65.99818	67.9339	0	32.0661	8.240013	23.82609	30.58285	1
1777.28	1781.148	1420.148	70.83628	70.56973	70.21087	69.53825	62.5997	0.000174	37.40013	20.55478	16.84535	30.63366	1
1777.285	1781.153	1420.153	71.34369	56.46414	71.55609	72.80692	59.05335	0.479302	40.46735	13.49312	26.97423	30.01226	1
1777.29	1781.158	1420.158	74.10495	47.74736	73.79814	74.37635	62.64634	0	37.35366	19.30595	18.04772	30.60494	1
1777.295	1781.163	1420.163	73.33793	50.89431	73.07833	74.78936	62.22462	0	37.77538	7.634801	30.14058	30.38006	1
1777.3	1781.168	1420.168	77.88102	66.39236	77.71582	78.11703	53.56283	2.101981	44.33519	20.96469	23.37049	29.49219	1
1777.305	1781.173	1420.173	79.50946	79.17512	80.57148	80.83108	39.46025	6.511097	54.02865	30.79649	23.23217	28.00463	1
1777.31	1781.178	1420.178	81.33849	85.67789	82.56572	83.95815	34.92354	8.296621	56.77984	27.71751	29.06233	27.56049	1
1777.315	1781.183	1420.183	80.18207	76.73832	81.17329	82.89613	39.97986	6.471654	53.54848	29.65758	23.8909	27.826	1
1777.32	1781.188	1420.188	81.32669	76.09779	81.4565	82.95513	45.75781	4.603147	49.63905	28.63268	21.00636	28.36374	1
1777.325	1781.192	1420.192	83.79295	125.7807	84.85497	70.71828	24.2409	11.84635	63.91275	41.74997	22.16278	29.9366	1
1777.33	1781.197	1420.197	82.81353	144.732	82.74272	78.63624	29.33512	9.232665	61.43221	25.41518	36.01704	27.62555	1

1777.335	1781.202	1420.202	83.33274	210.6788	83.50974	70.22267	10.97784	14.61593	74.40623	53.53996	20.86627	29.64687	4
1777.34	1781.207	1420.207	85.57478	238.4722	83.67494	81.14969	18.28467	10.89707	70.81825	56.20076	14.6175	26.56299	4
1777.345	1781.212	1420.212	85.20897	287.3057	81.99931	69.66806	16.95467	10.39356	72.65177	43.7782	28.87357	27.66887	4
1777.35	1781.217	1420.217	86.92001	346.6383	84.93757	68.26383	0	18.12759	81.87241	81.87241	0	-9999	4
1777.355	1781.222	1420.222	84.06435	331.1263	82.74272	74.95456	0	18.58576	81.41424	81.41424	0	-9999	4
1777.36	1781.227	1420.227	85.77539	254.2627	87.23862	79.30885	0	23.13175	76.86825	76.86825	0	-9999	4
1777.365	1781.232	1420.232	87.33302	382.9257	85.66918	74.93096	0	21.68565	78.31435	78.31435	0	-9999	4
1777.37	1781.237	1420.237	89.31546	283.5461	88.17084	88.13543	0	17.31004	82.68996	82.68996	0	-9999	4
1777.375	1781.242	1420.242	87.12061	197.7429	86.11759	92.50152	19.76867	11.35711	68.87421	52.04127	16.83295	25.51439	4
1777.38	1781.247	1420.247	83.47434	165.3682	84.19415	81.24409	17.60593	13.27226	69.12181	54.84531	14.2765	27.69977	4
1777.385	1781.252	1420.252	80.80748	95.78713	81.6335	84.15875	36.075	7.601498	56.3235	20.33802	35.98549	27.199	4
1777.39	1781.257	1420.257	81.16149	165.6885	82.97873	79.89887	11.15122	15.2957	73.55307	56.10779	17.44528	28.39622	4
1777.395	1781.262	1420.262	84.63076	143.1028	83.48614	79.10825	36.37965	6.541533	57.07882	29.07374	28.00508	27.90047	4
1777.4	1781.266	1420.266	84.02895	215.5245	82.69552	75.63898	20.87049	10.7413	68.38821	40.28787	28.10034	27.43992	4
1777.405	1781.271	1420.271	84.25315	161.3997	83.46254	75.61538	29.55564	8.730832	61.71353	29.86704	31.84649	28.1256	4
1777.41	1781.276	1420.276	88.12363	180.0447	85.56298	76.26439	35.20049	5.110186	59.68932	23.42009	36.26923	28.51665	4
1777.415	1781.281	1420.281	82.70732	140.2622	81.5863	74.18755	38.65373	5.96613	55.38013	24.68109	30.69905	28.46933	4
1777.42	1781.286	1420.286	83.33274	160.6756	81.12609	74.15215	41.55188	4.529171	53.91895	23.41028	30.50867	28.25534	4
1777.425	1781.291	1420.291	83.07313	179.1814	79.04925	76.38239	51.39591	1.210521	47.39357	20.70834	26.68523	28.05741	4
1777.43	1781.296	1420.296	81.3857	168.7101	77.70402	74.57696	52.8303	1.49515	45.67455	14.73748	30.93707	28.32944	4
1777.435	1781.301	1420.301	77.10221	58.02369	76.38239	76.07559	60.6028	0.146294	39.25091	11.59232	27.65858	30.88718	4
1777.44	1781.306	1420.306	81.33849	52.16145	80.73668	80.57148	57.20956	1.054368	41.73607	17.77093	23.96514	30.63297	4
1777.445	1781.311	1420.311	81.6571	26.87442	81.6453	81.98751	58.46331	1.018285	40.51841	22.61031	17.9081	31.22055	4
1777.45	1781.316	1420.316	83.29734	160.5364	81.4565	81.23229	38.78314	5.493818	55.72304	30.79202	24.93103	26.84815	4
1777.455	1781.321	1420.321	85.03197	338.9798	79.92247	79.53306	19.33614	8.915124	71.74873	43.54121	28.20752	24.30811	4
1777.46	1781.326	1420.326	81.6571	53.09439	80.68948	79.87526	59.52568	0.248579	40.22574	10.38746	29.83829	31.17561	4
1777.465	1781.331	1420.331	83.43894	50.35125	82.61292	82.02291	57.45281	0.901042	41.64615	12.27387	29.37228	30.91474	4
1777.47	1781.336	1420.336	83.67494	38.16725	83.58054	83.50974	54.51419	2.297235	43.18857	23.61826	19.57032	30.5217	4
1777.475	1781.341	1420.341	82.96693	59.79211	83.23833	83.34454	47.09734	4.556431	48.34623	31.09221	17.25402	29.09924	4
1777.48	1781.345	1420.345	90.16508	206.6546	86.04679	82.50672	38.95443	1.516568	59.529	25.10363	34.42537	27.53684	4
1777.485	1781.35	1420.35	90.74329	211.2079	86.4952	83.79295	38.32654	1.242327	60.43114	27.59708	32.83406	27.36856	4
1777.49	1781.355	1420.355	91.92331	208.6876	86.5188	83.72214	46.81312	0	53.18688	25.02974	28.15714	23.7303	4
1777.495	1781.36	1420.36	88.01743	125.3629	85.02017	82.50672	51.91491	0	48.08509	19.07914	29.00594	29.58814	4
1777.5	1781.365	1420.365	83.84015	46.78656	82.75452	81.3621	59.95829	0.0204	40.02131	13.83799	26.18332	31.62118	4
1777.505	1781.37	1420.37	86.86101	41.3699	86.3772	84.30036	53.82588	2.491241	43.68288	31.49903	12.18384	30.88824	4
1777.51	1781.375	1420.375	91.5339	70.56973	90.87309	90.01167	43.83224	5.721148	50.44661	36.04598	14.40063	29.14917	4
1777.515	1781.38	1420.38	91.4159	63.85809	91.5339	88.53664	39.52919	8.623047	51.84776	33.01698	18.83078	29.13942	4
1777.52	1781.385	1420.385	91.5575	46.71694	91.0737	89.33906	48.21112	4.889932	46.89895	27.85571	19.04324	30.1029	6
1777.525	1781.39	1420.39	93.70515	59.94528	92.99713	93.28034	44.77162	5.804393	49.42399	18.41748	31.00651	29.2441	6
1777.53	1781.395	1420.395	92.01771	51.86903	91.89971	87.53362	43.70592	7.111273	49.18281	15.92316	33.25965	29.95094	6
1777.535	1781.4	1420.4	92.44252	42.06613	92.30092	90.56628	45.8703	6.589353	47.54035	31.86395	15.6764	29.83338	6
1777.54	1781.405	1420.405	92.80833	47.998	91.4867	91.2507	53.24343	1.796769	44.9598	17.62421	27.33559	30.73416	6
1777.545	1781.41	1420.41	94.51937	56.11603	93.20954	92.25372	49.61326	2.987611	47.39913	16.65658	30.74255	30.28519	6
1777.55	1781.415	1420.415	95.03858	60.36302	93.87035	91.80531	47.01039	4.171125	48.81848	28.72464	20.09384	30.07769	6
1777.555	1781.419	1420.419	96.51361	76.26488	95.69939	95.13298	39.06156	7.792058	53.14638	33.08058	20.0658	28.76276	6
1777.56	1781.424	1420.424	98.50785	87.0982	97.76443	97.59923	34.05648	10.06992	55.8736	20.54151	35.33209	28.2655	6
1777.565	1781.429	1420.429	99.68787	98.55812	99.53447	97.82343	25.62497	15.45381	58.92123	40.75346	18.16776	28.03768	6
1777.57	1781.434	1420.434	100.5257	67.6595	100.6555	100.3723	30.1368	16.06639	53.79682	21.83133	31.96549	27.92191	6
1777.575	1781.439	1420.439	101.8709	86.76401	101.1039	99.72327	31.22624	12.10972	56.66404	36.7839	19.88014	28.36281	6
1777.58	1781.444	1420.444	101.5287	64.74926	101.4697	98.49605	31.38152	15.48201	53.13647	23.58943	29.54704	28.51145	6
1777.585	1781.449	1420.449	102.0833	114.4461	100.5493	98.61405	30.27614	8.655599	61.06826	31.84217	29.22609	28.56132	6
1777.59	1781.454	1420.454	99.13326	60.32125	99.45187	99.31026	31.73046	15.50517	52.76438	23.19828	29.56609	28.00761	6
1777.595	1781.459	1420.459	98.26004	53.20579	98.81465	96.3956	32.42672	15.70093	51.87235	37.8285	14.04385	28.47788	6
1777.6	1781.464	1420.464	99.80587	84.91204	101.8001	99.79407	12.17451	29.81056	58.01492	51.05056	6.964366	27.90464	6
1777.605	1781.469	1420.469	99.66427	105.59	101.9535	102.7795	5.014418	33.17957	61.80601	61.80601	0	-9999	6
1777.61	1781.474	1420.474	100.5493	92.09712	100.2425	100.8797	27.5849	14.69532	57.71978	26.79444	30.92535	27.69474	6
1777.615	1781.479	1420.479	99.62887	66.14172	98.08304	97.55203	44.31534	4.290605	51.39406	19.24257	32.15149	29.68137	6
1777.62	1781.484	1420.484	98.51965	62.60488	98.75565	99.38107	32.38251	14.54229	53.07521	30.11994	22.95527	27.93243	6
1777.625	1781.489	1420.489	98.73205	22.73883	98.79105	99.66427	43.20646	10.9068	45.88674	31.08914	14.79761	29.12312	6
1777.63	1781.494	1420.494	99.85308	46.60554	100.8089	101.5877	29.44903	19.74024	50.81074	25.57744	25.2333	27.56055	6
1777.635	1781.498	1420.498	99.75867	51.29812	99.05066	97.44583	41.29499	8.669961	50.03505	26.87658	23.15847	29.38422	6
1777.64	1781.503	1420.503	98.80285	48.87525	98.82645	96.79681	37.09066	12.505	50.40434	28.55834	21.846	28.87098	6
1777.645	1781.508	1420.508	99.06246	60.04276	98.66125	98.20104	37.44155	10.74815	51.81029	20.77235	31.03795	28.65407	6
1777.65	1781.513	1420.513	100.3251	56.2692	99.71147	96.3484	38.83927	10.01727	51.14345	21.69399	29.44947	29.39511	6
1777.655	1781.518	1420.518	101.2337	38.84956	102.2367	103.4167	29.68999	21.33363	48.97638	25.85703	23.11935	27.37868	6
1777.66	1781.523	1420.523	102.4373	35.7026	103.6882	105.7886	27.42373	24.7955	47.78078	23.63671	24.14407	26.88368	6
1777.665	1781.528	1420.528	103.5466	38.08371	105.47	105.9302	20.61426	32.61213	46.77361	25.00979	21.76382	26.58363	6
1777.67	1781.533	1420.533	98.94446	69.97098	99.65247	96.66701	26.55101	18.55573	54.89326	23.3424	31.55086	28.21248	6
1777.675	1781.538	1420.538	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1778.025	1781.883	1420.883	69.04264	125.3072	66.41119	59.46085	66.55019	0.736818	32.71299	12.96493	19.74806	31.10685	4
1778.03	1781.888	1420.888	63.95674	46.36883	64.54675	67.0366	65.36595	0	34.63405	23.68798	10.94607	29.04727	4
1778.035	1781.893	1420.893	62.49351	26.10857	63.02452	63.56733	72.07236	0	27.92764	10.65366	17.27398	28.96456	4
1778.04	1781.898	1420.898	62.48171	33.40505	63.20152	64.45235	68.85424	0	31.14576	6.69232	24.45344	28.86505	4

1778.045	1781.903	1420.903	61.33708	50.92216	61.58489	60.60547	69.32623	0	30.67377	23.36901	7.304762	29.5596	4
1778.05	1781.908	1420.908	59.81485	34.2266	60.29866	60.74707	72.93797	0	27.06203	7.198493	19.86354	28.92846	4
1778.055	1781.913	1420.913	59.46085	38.91918	60.18066	61.49049	70.29902	0	29.70098	18.30822	11.39276	28.67302	4
1778.06	1781.918	1420.918	59.51985	39.58756	59.21304	58.96524	78.0393	0	21.9607	16.36775	5.592953	29.68039	4
1778.065	1781.923	1420.923	59.76765	37.29	59.28384	58.31622	79.73911	0	20.26089	11.41719	8.843699	29.97776	4
1778.07	1781.928	1420.928	58.96524	30.48089	59.00064	57.54921	78.10125	0	21.89875	11.9196	9.979146	29.60541	4
1778.075	1781.933	1420.933	58.88263	43.37504	58.98884	58.81183	74.50815	0	25.49185	20.52907	4.962779	29.34099	4
1778.08	1781.938	1420.938	59.72045	57.17429	59.68505	59.28384	71.49536	0	28.50464	15.21905	13.28559	29.59081	4
1778.085	1781.943	1420.943	59.31924	90.85783	58.28082	53.59612	71.48647	0	28.51353	7.66976	20.84377	31.32791	4
1778.09	1781.948	1420.948	61.33708	131.5176	59.20124	55.42516	68.29542	1.500576	30.20401	22.36777	7.836234	30.07082	4
1778.095	1781.953	1420.953	60.72347	97.13782	59.61425	54.49294	69.22353	0.066078	30.71039	15.51795	15.19244	31.39003	4
1778.1	1781.958	1420.958	63.07172	146.8068	60.18066	55.04755	68.85249	1.873051	29.27446	23.16572	6.108733	30.17966	4
1778.105	1781.962	1420.962	57.3604	48.36004	57.4194	56.60519	75.06804	0	24.93196	19.21774	5.714222	29.53156	4
1778.11	1781.967	1420.967	55.09476	50.5462	55.08296	53.59612	77.1721	0	22.8279	20.85346	1.974443	29.799	4
1778.115	1781.972	1420.972	54.00913	66.15564	53.66693	52.4161	76.95404	0	23.04596	13.30545	9.740509	30.19726	4
1778.12	1781.977	1420.977	54.09173	71.58623	53.93833	55.42516	74.10061	0	25.89939	12.9364	12.96299	29.50882	4
1778.125	1781.982	1420.982	54.77615	55.76791	54.84695	55.88537	75.5614	0	24.4386	8.451871	15.98673	29.27024	4
1778.13	1781.987	1420.987	53.76133	48.01193	54.56374	56.16858	72.70196	0	27.29804	12.79091	14.50712	28.44412	4
1778.135	1781.992	1420.992	52.03849	58.26041	52.4633	53.98553	74.7333	0	25.2667	16.76929	8.497408	28.90851	4
1778.14	1781.997	1420.997	51.47208	67.92406	51.30688	53.11231	77.48839	0	22.51161	20.45642	2.055191	29.59288	4
1778.145	1782.002	1421.002	50.30386	49.15374	50.90567	52.68751	77.1612	0	22.8388	7.024055	15.81474	28.69473	4
1778.15	1782.007	1421.007	47.88481	66.62908	48.49842	50.50446	75.06624	0	24.93376	22.63785	2.295906	28.7971	4
1778.155	1782.012	1421.012	47.14139	63.44035	48.72262	50.61066	69.0228	0	30.9772	16.51172	14.46547	27.77857	4
1778.16	1782.017	1421.017	45.51296	100.3126	47.18859	50.12685	60.86626	0.739609	38.39413	10.76696	27.62718	27.20651	4
1778.165	1782.022	1421.022	44.19133	106.1331	45.33595	49.83185	64.78893	0.768299	34.44277	27.07164	7.371125	27.30648	4
1778.17	1782.027	1421.027	44.63974	122.5084	45.84337	46.24457	59.95632	1.936769	38.10691	16.42976	21.67716	26.83665	4
1778.175	1782.032	1421.032	43.34171	119.9741	45.70176	46.53958	52.80151	2.167721	45.03077	13.28457	31.74619	25.88052	4
1778.18	1782.036	1421.036	40.17925	111.2295	41.78408	43.95533	63.6801	0.989398	35.3305	15.32366	20.00684	27.11444	4
1778.185	1782.041	1421.041	39.30603	98.12646	40.47426	42.10269	71.03811	0	28.96189	7.696141	21.26575	28.81099	4
1778.19	1782.046	1421.046	40.94626	107.8458	43.07031	46.46878	59.76941	1.021587	39.209	13.75358	25.45542	26.43191	4
1778.195	1782.051	1421.051	40.14385	102.4988	40.87546	42.97591	72.59294	0.081191	27.32587	21.2734	6.052473	29.1576	4
1778.2	1782.056	1421.056	40.15565	77.42062	41.54808	43.76652	73.52969	0	26.47031	20.48094	5.989368	28.19222	4
1778.205	1782.061	1421.061	38.85762	204.0646	37.53599	44.43914	65.10996	6.216109	28.67393	19.56355	9.110379	23.63153	4
1778.21	1782.066	1421.066	39.49483	228.9617	39.27063	47.2948	49.9936	8.260168	41.74624	25.21754	16.5287	20.83464	4
1778.215	1782.071	1421.071	40.01405	202.6582	41.19407	51.44848	44.9986	6.994075	48.00733	31.35959	16.64774	20.95593	4
1778.22	1782.076	1421.076	41.22947	227.43	40.92266	38.66882	49.40857	8.200339	42.3911	18.08921	24.30188	22.86503	4
1778.225	1782.081	1421.081	39.19983	144.2864	38.90482	37.8546	71.30514	2.51002	26.18484	19.41469	6.770148	28.13918	4
1778.23	1782.086	1421.086	37.713	154.1729	36.75718	34.11392	75.40181	2.928381	21.66981	8.463267	13.20654	28.98231	4
1778.235	1782.091	1421.091	37.9608	124.054	37.8664	40.42705	75.7866	1.158883	23.05451	11.43563	11.61888	29.03695	4
1778.24	1782.096	1421.096	41.85488	117.3006	43.56592	49.13563	59.84624	1.571596	38.58216	19.3422	19.23996	25.82604	4
1778.245	1782.101	1421.101	42.8697	118.6931	46.06757	45.35956	47.05269	2.409895	50.53741	32.56299	17.97443	25.73395	4
1778.25	1782.106	1421.106	43.71932	118.7905	46.77558	42.18529	47.34488	2.452912	50.20221	17.39096	32.81125	26.51854	4
1778.255	1782.111	1421.111	44.23853	144.5371	46.22097	47.4246	48.95867	3.744173	47.29716	20.08718	27.20998	24.83969	4
1778.26	1782.115	1421.115	42.13809	113.9587	41.00527	37.5596	82.43433	0.279716	17.28595	17.28595	0	32.58132	4
1778.265	1782.12	1421.12	41.89028	97.05427	39.84884	36.37957	93.79498	0	6.205019	6.205019	0	35.2437	4
1778.27	1782.125	1421.125	45.53656	57.22999	46.39798	47.21219	77.58072	0	22.41928	16.82653	5.592754	28.79805	4
1778.275	1782.13	1421.13	43.88453	52.88553	44.52174	44.82854	81.88954	0	18.11046	11.86196	6.248503	29.39626	4
1778.28	1782.135	1421.135	43.95533	64.09481	44.22673	44.59254	81.94676	0	18.05324	18.05324	0	29.92117	4
1778.285	1782.14	1421.14	45.60736	71.71155	46.16197	46.96439	76.3888	0	23.6112	19.58249	4.028714	29.23827	4
1778.29	1782.145	1421.145	48.09721	101.0506	49.19463	49.57224	62.79129	0.74585	36.46286	10.388	26.07486	28.13757	4
1778.295	1782.15	1421.15	48.38042	89.68817	48.84063	52.3925	70.21886	0	29.78114	19.03512	10.74603	28.85495	4
1778.3	1782.155	1421.155	48.26242	83.90947	48.32142	49.39524	74.83523	0	25.16477	5.327676	19.8371	29.70093	4
1778.305	1782.16	1421.16	46.77558	75.62435	46.97619	48.02641	77.11069	0	22.88931	10.21682	12.6725	29.59931	4
1778.31	1782.165	1421.165	47.16499	68.3975	46.56318	47.02339	84.72006	0	15.27994	15.27994	0	30.97272	4
1778.315	1782.17	1421.17	49.66664	45.47765	50.00885	50.81127	80.64899	0	19.35101	11.67889	7.672115	29.27465	4
1778.32	1782.175	1421.175	52.1919	55.3641	53.36012	55.04755	69.53161	0	30.46839	21.95051	8.517885	28.17616	4
1778.325	1782.18	1421.18	53.97373	48.15117	54.89415	54.75255	71.55834	0	28.44166	11.75902	16.68265	28.67166	4
1778.33	1782.185	1421.185	56.38098	56.28312	57.0654	57.60821	69.20477	0	30.79523	17.23505	13.56018	28.88918	4
1778.335	1782.19	1421.19	59.67325	55.92108	60.14526	62.3165	67.90963	0	32.09037	18.95738	13.13298	28.86809	4
1778.34	1782.194	1421.194	60.12166	63.84416	60.52287	63.23692	66.12842	0	33.87158	17.76976	16.10182	28.96157	4
1778.345	1782.199	1421.199	59.86205	69.60894	59.75585	57.2896	68.90461	0	31.09539	6.212645	24.88274	30.16253	4
1778.35	1782.204	1421.204	59.75585	67.97976	59.14224	55.81457	73.32901	0	26.67099	6.820192	19.8508	30.5814	4
1778.355	1782.209	1421.209	61.52589	95.53649	60.55827	63.17792	67.77541	0.153541	32.07105	10.22149	21.84956	29.75109	4
1778.36	1782.214	1421.214	60.98308	110.7143	60.88867	62.3047	57.83433	1.955906	40.20976	29.29905	10.91071	27.78893	4
1778.365	1782.219	1421.219	59.49625	56.0464	60.27506	61.23088	65.6644	0	34.3356	7.305031	27.03057	28.99517	4
1778.37	1782.224	1421.224	58.28082	59.94528	59.02424	60.19246	66.11342	0	33.88658	7.521369	26.36521	28.93094	4
1778.375	1782.229	1421.229	59.70865	58.16294	59.95646	62.1159	69.07212	0	30.92788	17.41719	13.51069	28.99038	4
1778.38	1782.234	1421.234	59.64965	77.83836	60.93588	63.30772	56.31718	0.865472	42.81734	28.00047	14.81687	28.18793	4
1778.385	1782.239	1421.239	58.82363	93.46173	59.59065	61.47869	57.32015	1.298818	41.38103	22.23402	19.14701	27.94653	4
1778.39	1782.244	1421.244	55.84997	101.0228	56.19218	57.1244	61.51841	1.068867	37.41272	14.09089	23.32183	28.3511	4
1778.395	1782.249	1421.249	55.73197	77.53202	56.40458	58.29262	64.75108	0	35.24892	6.642384	28.60653	28.98718	4
1778.4	1782.254	1421.254	54.46934	72.4217	54.59915	55.23636	71.35618	0	28.64382	8.265232	20.37859	29.41204	4
1778.405	1782.259	1421.259	50.81127	82.29422	51.43668	51.29508	68.49148	0	31.50852	23.86137	7.647146	29.28328	4

1778.41	1782.264	1421.264	47.6488	120.4197	47.4954	49.89085	68.21041	1.373775	30.41582	10.93841	19.47741	28.17441	4
1778.415	1782.268	1421.268	44.63974	140.9167	44.35653	46.83459	67.02445	2.528439	30.44711	8.901999	21.54511	27.1078	4
1778.42	1782.273	1421.273	46.17377	172.247	45.51296	52.07389	60.95767	4.553955	34.48837	18.11866	16.36972	24.50891	4
1778.425	1782.278	1421.278	46.39798	228.6415	44.27393	49.89085	58.44396	7.733502	33.82254	15.49777	18.32476	22.69541	4
1778.43	1782.283	1421.283	43.41252	226.8591	41.06427	46.83459	63.3595	7.490918	29.14958	21.83897	7.310616	23.2184	4
1778.435	1782.288	1421.288	41.15867	137.3102	40.23825	36.72178	76.0382	1.900381	22.06142	16.05522	6.006202	30.06712	4
1778.44	1782.293	1421.293	38.65702	78.98017	38.96382	41.58348	82.94459	0	17.05541	5.261745	11.79366	29.99223	4
1778.445	1782.298	1421.298	40.63946	63.4125	41.05247	41.44187	84.06506	0	15.93494	15.93494	0	30.08283	4
1778.45	1782.303	1421.303	44.36834	83.32464	43.84912	42.8343	83.04045	0	16.95955	8.248757	8.710792	31.34431	4
1778.455	1782.308	1421.308	49.74925	196.4757	46.74018	42.25609	70.0038	5.187184	24.80902	7.95061	16.85841	27.78233	4
1778.46	1782.313	1421.313	48.19161	90.91353	47.4128	46.65758	79.69846	0	20.30154	11.39398	8.907553	31.18384	4
1778.465	1782.318	1421.318	50.55166	39.50401	50.50446	51.37768	84.29831	0	15.70169	15.26276	0.438934	29.82661	4
1778.47	1782.323	1421.323	52.86451	52.48171	52.99431	53.63153	77.65811	0	22.34189	17.93245	4.409443	29.35361	4
1778.475	1782.328	1421.328	55.68477	55.4755	55.90897	56.00337	73.60736	0	26.39264	6.205475	20.18717	29.27782	4
1778.48	1782.333	1421.333	57.0772	63.02261	57.65541	58.75283	67.75636	0	32.24364	5.762426	26.48121	28.97854	4
1778.485	1782.338	1421.338	56.56979	84.24366	56.85299	58.54043	65.37399	0	34.62601	8.642083	25.98393	29.35878	4
1778.49	1782.343	1421.343	53.95013	79.16119	55.01215	52.82911	62.9782	0	37.0218	18.10429	18.91751	29.5035	4
1778.495	1782.347	1421.347	51.20068	120.0159	52.2273	52.2155	55.89522	2.304793	41.79999	30.43362	11.36637	26.88784	4
1778.5	1782.352	1421.352	48.87603	108.4863	48.46302	42.5629	71.98118	0.511785	27.50704	10.39351	17.11353	30.95221	4
1778.505	1782.357	1421.357	49.27724	116.8132	49.04123	42.6455	68.22518	1.191869	30.58295	14.40084	16.18212	30.02215	4
1778.51	1782.362	1421.362	50.65786	125.9895	50.32746	44.42734	65.46595	1.850893	32.68316	19.17183	13.51132	29.23275	4
1778.515	1782.367	1421.367	51.49568	159.868	50.26846	45.12355	63.44691	3.675475	32.87762	19.20494	13.67267	27.83096	4
1778.52	1782.372	1421.372	51.41308	134.0797	51.53108	46.03217	59.33816	2.716478	37.94536	21.59793	16.34743	27.97425	4
1778.525	1782.377	1421.377	51.97949	127.4795	51.08267	47.95561	68.27918	1.704333	30.01649	19.74207	10.27442	29.32515	4
1778.53	1782.382	1421.382	52.14469	74.60786	51.40128	47.696	79.73325	0	20.26675	20.26675	0	31.2957	4
1778.535	1782.387	1421.387	52.66391	68.14686	52.74651	54.90595	74.4175	0	25.5825	7.095085	18.48741	29.17715	4
1778.54	1782.392	1421.392	51.64908	74.62178	51.38948	49.02943	76.43631	0	23.56369	13.36974	10.19394	30.46994	4
1778.545	1782.397	1421.397	48.95863	50.62975	49.00583	49.35984	82.33986	0	17.66014	7.201405	10.45874	29.83954	4
1778.55	1782.402	1421.402	45.99677	69.59501	45.89057	45.19435	81.66405	0	18.33595	18.33595	0	30.47463	4
1778.555	1782.407	1421.407	43.35351	55.61474	44.09693	45.00555	80.89453	0	19.10547	19.10547	0	29.14239	4
1778.56	1782.412	1421.412	41.30027	73.46604	42.4921	43.87272	74.98833	0	25.01167	22.60783	2.403847	28.5299	4
1778.565	1782.417	1421.417	42.32689	100.1873	43.40072	46.44518	68.49181	0.195646	31.31254	15.16301	16.14953	28.31838	4
1778.57	1782.422	1421.422	44.36834	57.1186	45.27695	46.07937	78.31664	0	21.68336	10.90879	10.77457	28.81034	4
1778.575	1782.426	1421.426	48.74623	29.89606	48.86423	48.59282	87.00411	0	12.99589	5.910073	7.085818	30.09833	4
1778.58	1782.431	1421.431	50.29206	31.06572	50.49266	51.95589	84.65872	0	15.34128	15.34128	0	29.43088	4
1778.585	1782.436	1421.436	50.55166	31.31636	50.72867	50.95287	84.54213	0	15.45787	10.17146	5.286403	29.66779	4
1778.59	1782.441	1421.441	52.65211	38.1394	52.08569	50.26846	86.72002	0	13.27998	4.72489	8.555093	30.94646	4
1778.595	1782.446	1421.446	55.15376	83.58921	54.00913	50.44546	77.90079	0	22.09921	10.10984	11.98938	31.4596	4
1778.6	1782.451	1421.451	55.34256	64.2062	54.56374	52.94711	79.58277	0	20.41723	16.29411	4.123123	30.67579	4
1778.605	1782.456	1421.456	54.71715	52.35639	54.64635	52.87631	77.53869	0	22.46131	6.05375	16.40756	29.93142	4
1778.61	1782.461	1421.461	54.98855	52.94122	55.35436	54.24514	73.76375	0	26.23625	8.714551	17.5217	29.36368	4
1778.615	1782.466	1421.466	55.93257	67.96584	55.42516	53.59612	76.02673	0	23.97327	11.62373	12.34954	30.3662	4
1778.62	1782.471	1421.471	55.16556	56.01855	54.68175	51.76709	79.44072	0	20.55928	12.48048	8.078796	30.59261	4
1778.625	1782.476	1421.476	54.81155	60.15415	54.37494	50.75227	78.39979	0	21.60021	20.59967	1.000541	30.68517	4
1778.63	1782.481	1421.481	53.10051	73.80023	52.05029	49.84365	81.42709	0	18.57291	14.87375	3.699163	31.34384	4
1778.635	1782.486	1421.486	52.6049	89.14511	51.41308	49.08843	79.26701	0	20.73299	5.19338	15.53961	31.55392	4
1778.64	1782.491	1421.491	52.2273	105.3672	49.92625	47.95561	84.28513	0	15.71487	10.2731	5.441764	33.10284	4
1778.645	1782.496	1421.496	51.77889	86.26273	50.26846	46.44518	83.19368	0	16.80632	16.80632	0	32.4262	4
1778.65	1782.5	1421.5	52.4869	80.91569	51.25968	47.3066	81.64145	0	18.35855	7.335863	11.02269	31.95647	4
1778.655	1782.505	1421.505	55.09476	128.12	53.85573	52.6285	67.91023	1.698847	30.39092	11.51677	18.87415	29.11555	4
1778.66	1782.51	1421.51	54.83515	95.13268	54.05633	52.1565	72.56538	0	27.43462	14.23612	13.19851	30.84747	4
1778.665	1782.515	1421.515	57.69081	99.32397	56.60519	54.00913	71.30163	0.019644	28.67873	6.060099	22.61863	31.09743	4
1778.67	1782.52	1421.52	57.77341	63.37073	57.4194	54.90595	74.2563	0	25.7437	21.45087	4.292827	30.25505	4
1778.675	1782.525	1421.525	58.64663	62.7302	58.82363	57.1598	69.49262	0	30.50738	8.864004	21.64338	29.74518	4
1778.68	1782.53	1421.53	61.18368	62.54918	60.98308	60.02726	70.12879	0	29.87121	11.1279	18.74331	29.86251	4
1778.685	1782.535	1421.535	63.03632	102.7216	62.1159	59.75585	64.28121	0.820587	34.8982	25.74982	9.148384	29.89724	4
1778.69	1782.54	1421.54	56.20398	64.03911	55.40156	52.5931	79.0136	0	20.9864	13.62013	7.36627	30.84689	4
1778.695	1782.545	1421.545	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1779	1782.846	1421.846	96.0416	113.8055	94.71997	91.4513	34.3434	7.38928	58.26732	28.5085	29.75882	28.66671	4
1779.005	1782.851	1421.851	92.76113	102.7355	91.0973	86.6368	42.69249	3.969573	53.33794	35.53806	17.79989	29.47711	4
1779.01	1782.856	1421.856	103.4994	267.31	101.9063	94.82617	0	19.18635	80.81365	80.81365	0	-9999	4
1779.015	1782.861	1421.861	101.3989	257.2286	96.2658	92.26552	24.24525	0	75.75475	32.44677	43.30799	22.83743	4
1779.02	1782.866	1421.866	100.4313	324.2894	94.63737	88.22984	14.02806	0	85.97194	59.62467	26.34726	25.43817	4
1779.025	1782.871	1421.871	92.51332	87.2096	92.99713	87.19142	30.03349	12.63359	57.33292	34.73574	22.59718	28.89692	4
1779.03	1782.876	1421.876	92.86733	87.80835	93.92935	94.49577	25.08176	15.80343	59.11481	42.54157	16.57324	27.61591	4
1779.035	1782.881	1421.881	96.1242	122.6476	95.9826	90.20048	22.98243	14.40345	62.61412	39.28906	23.32505	28.67085	4
1779.04	1782.885	1421.885	94.14176	104.5596	92.85553	85.72819	38.05441	6.235305	55.71028	33.43916	22.27113	29.59467	4
1779.045	1782.89	1421.89	95.66399	103.1672	95.79379	93.59895	26.01671	14.25528	59.72801	33.13982	26.58819	28.08153	4
1779.05	1782.895	1421.895	95.15658	115.2258	93.83495	91.4277	34.81391	7.151527	58.03457	25.79182	32.24275	28.47313	4
1779.055	1782.9	1421.9	95.55779	99.72779	94.54297	91.56931	35.81757	7.833614	56.34881	35.57299	20.77582	28.7511	4
1779.06	1782.905	1421.905	100.3015	261.7959	96.53721	92.38352	13.54118	4.323381	82.13544	64.50134	17.6341	28.82	4
1779.065	1782.91	1421.91	95.35718	235.1443	93.71695	93.16234	8.078293	13.72238	78.19932	75.05798	3.141345	28.07309	4
1779.07	1782.915	1421.915	92.41892	125.0566	92.20652	90.58989	26.35703	11.85011	61.79285	43.62378	18.16907	27.79869	4

1779.075	1782.92	1421.92	94.48397	181.2283	93.69335	86.04679	15.34478	13.96712	70.6881	52.97099	17.71712	28.96879	4
1779.08	1782.925	1421.925	93.75235	202.4354	90.61349	84.61896	29.08466	4.433246	66.48209	37.48737	28.99472	28.1286	4
1779.085	1782.93	1421.93	98.48425	212.5029	97.78803	93.74055	3.364452	18.80789	77.82765	69.5566	8.27105	-9999	4
1779.09	1782.935	1421.935	94.48397	184.9183	94.18896	86.5424	10.61082	16.71004	72.67914	66.05034	6.628805	29.31591	4
1779.095	1782.94	1421.94	95.58139	135.681	96.44281	99.01526	12.55433	20.48337	66.9623	53.83862	13.12368	27.42874	4
1779.1	1782.945	1421.945	98.04764	121.297	98.92086	99.56987	13.67487	22.12475	64.20038	50.0302	14.17018	27.65446	4
1779.105	1782.95	1421.95	98.60225	113.6106	99.82947	102.7559	12.28117	24.59281	63.12602	49.22717	13.89885	27.2438	4
1779.11	1782.955	1421.955	99.86488	100.7582	100.3487	101.1157	19.9913	20.09918	59.90952	29.58574	30.32377	27.41313	4
1779.115	1782.96	1421.96	97.85883	64.3733	98.34264	99.03886	30.64201	15.61061	53.74738	31.14795	22.59944	27.77785	4
1779.12	1782.964	1421.964	96.4192	61.8251	96.3248	94.54297	37.06427	10.77507	52.16066	32.23817	19.92249	28.78429	4
1779.125	1782.969	1421.969	95.23918	71.33558	95.10938	93.13874	36.12271	10.39141	53.48587	33.91463	19.57125	28.68123	4
1779.13	1782.974	1421.974	96.90301	73.13185	96.50181	96.99742	36.26068	10.12764	53.61167	26.48422	27.12746	28.28073	4
1779.135	1782.979	1421.979	98.04764	75.05345	97.46943	96.46641	36.11438	9.967139	53.91848	24.88359	29.03489	28.58064	4
1779.14	1782.984	1421.984	99.34567	81.83471	98.81465	99.19226	32.91332	11.59262	55.49406	37.85418	17.63988	28.07087	4
1779.145	1782.989	1421.989	99.82947	70.33302	99.32206	98.87366	35.06872	11.31605	53.61522	26.5938	27.02142	28.41793	4
1779.15	1782.994	1421.994	100.2425	113.6245	98.73205	96.0298	31.98562	7.965664	60.04871	26.90629	33.14242	28.68565	4
1779.155	1782.999	1421.999	101.2455	91.09455	101.2809	100.9151	24.5349	17.6756	57.7895	25.90669	31.88281	27.69018	4
1779.16	1783.004	1422.004	99.08606	74.92812	99.39287	97.78803	28.33047	16.36732	55.30221	28.89856	26.40366	28.06292	4
1779.165	1783.009	1422.009	100.7145	70.47226	99.88848	98.55505	36.69001	9.808987	53.501	37.70157	15.79943	28.80187	4
1779.17	1783.014	1422.014	99.58167	62.46563	98.92086	99.03886	38.38949	9.611687	51.99883	20.81327	31.18556	28.67406	4
1779.175	1783.019	1422.019	99.61707	56.72871	98.99166	97.81163	39.4709	9.477272	51.05183	29.04396	22.00787	29.04221	4
1779.18	1783.024	1422.024	97.33962	54.84889	97.03282	96.79681	39.55186	9.73779	50.71035	23.06365	27.6467	28.80642	4
1779.185	1783.029	1422.029	95.62859	51.66016	95.23918	95.84099	42.53785	7.927302	49.53485	24.66734	24.86751	28.9888	4
1779.19	1783.034	1422.034	90.37748	50.19808	90.81409	93.13874	41.32106	8.438265	50.24067	36.2357	14.00498	28.40654	4
1779.195	1783.039	1422.039	89.29186	42.275	88.85525	89.57506	51.00466	3.731261	45.26408	13.68167	31.58241	30.00482	4
1779.2	1783.043	1422.043	87.75783	31.83157	87.20322	86.88461	55.8578	1.94567	42.19653	25.28423	16.91231	31.07766	4
1779.205	1783.048	1422.048	86.4598	29.89606	86.18839	86.18839	55.32553	2.285342	42.38913	28.20469	14.18444	30.88261	4
1779.21	1783.053	1422.053	86.33	57.61988	85.79899	86.2946	50.74773	3.228135	46.02414	14.36485	31.65929	29.66847	4
1779.215	1783.058	1422.058	86.87281	122.5919	84.90217	80.28827	45.68223	3.035797	51.28197	17.66236	33.61961	29.09267	4
1779.22	1783.063	1422.063	83.39174	42.53957	82.61292	78.30583	59.02085	0.495421	40.48373	21.44232	19.04141	32.00173	4
1779.225	1783.068	1422.068	81.07889	30.27202	81.33849	83.17933	56.06965	1.764647	42.1657	13.42129	28.74441	30.42272	4
1779.23	1783.073	1422.073	80.01687	33.58607	79.34425	79.80446	63.46941	0	36.53059	17.1288	19.40179	30.9579	4
1779.235	1783.078	1422.078	79.61566	57.52241	77.86922	78.35303	66.36805	0	33.63195	18.28925	15.3427	29.76152	4
1779.24	1783.083	1422.083	69.21965	81.16633	67.90982	66.836	66.82683	0	33.17317	19.69627	13.4769	30.48666	4
1779.245	1783.088	1422.088	68.39363	120.3501	65.62057	63.52013	69.44433	0.219793	30.33587	23.10112	7.234756	30.89563	4
1779.25	1783.093	1422.093	74.25835	119.1247	70.34067	68.07502	73.21616	0	26.78384	23.67329	3.110551	30.15554	4
1779.255	1783.098	1422.098	71.55609	142.337	69.30225	64.26354	57.19015	2.472716	40.33713	30.33002	10.00711	28.88293	4
1779.26	1783.103	1422.103	71.7567	125.9338	73.13733	74.42355	32.80798	7.283683	59.90834	42.11609	17.79224	26.44966	4
1779.265	1783.108	1422.108	74.70676	68.41142	75.21417	75.69798	50.78179	2.71823	46.49998	31.03954	15.46044	28.8971	4
1779.27	1783.113	1422.113	77.20841	49.66895	76.8662	77.32641	59.60048	0.406341	39.99318	28.08232	11.91085	30.72268	4
1779.275	1783.117	1422.117	73.73914	54.20836	73.99874	75.07257	57.02963	1.008512	41.96186	19.19078	22.77108	29.88728	4
1779.28	1783.122	1422.122	76.12279	49.6968	75.83958	74.86016	60.13526	0.261127	39.60362	25.04357	14.56005	31.01954	4
1779.285	1783.127	1422.127	77.14941	54.90459	76.5358	76.8662	60.49113	0.168976	39.33989	19.02429	20.3156	30.79921	4
1779.29	1783.132	1422.132	76.5122	50.53227	75.93398	75.69798	61.86111	0	38.13889	25.41206	12.72683	30.9426	4
1779.295	1783.137	1422.137	75.32037	33.93418	74.93096	76.11099	65.5111	0	34.4889	15.18689	19.30201	30.2993	4
1779.3	1783.142	1422.142	77.26741	107.3028	75.62718	74.04595	55.65853	1.610775	42.7307	26.53196	16.19874	29.27433	4
1779.305	1783.147	1422.147	78.45924	100.619	76.19359	74.93096	61.02648	0	38.97352	11.62852	27.345	30.34437	4
1779.31	1783.152	1422.152	80.99629	219.1449	76.04019	74.23475	50.86013	2.230609	46.90926	28.2908	18.61846	26.75576	4
1779.315	1783.157	1422.157	82.74272	365.0744	77.38541	75.22597	17.04783	10.77346	72.1787	55.14392	17.03478	24.00852	4
1779.32	1783.162	1422.162	83.69854	152.6272	81.3503	80.34727	44.26047	3.635983	52.10354	24.30979	27.79375	27.51712	4
1779.325	1783.167	1422.167	81.4329	107.6091	79.89887	76.9488	50.92908	2.443833	46.62709	29.65549	16.9716	29.19461	4
1779.33	1783.172	1422.172	83.49794	153.3235	81.25589	79.27345	43.45347	3.952314	52.59421	30.98458	21.60963	27.59993	4
1779.335	1783.177	1422.177	84.13515	145.5814	81.4329	79.81626	48.30744	2.228284	49.46428	19.38364	30.08064	28.19978	4
1779.34	1783.182	1422.182	83.20293	112.7473	81.4329	80.30007	49.88625	2.445811	47.66794	17.68447	29.98348	28.77838	4
1779.345	1783.187	1422.187	81.7751	88.49066	80.41808	79.13185	53.86913	1.659174	44.4717	19.25346	25.21824	29.66672	4
1779.35	1783.192	1422.192	80.87829	66.19742	81.24409	80.31187	46.73719	4.395032	48.86777	20.26907	28.5987	29.04379	4
1779.355	1783.196	1422.196	79.86346	83.93732	79.96967	79.94607	45.38971	4.546466	50.06382	27.5629	22.50092	28.38445	4
1779.36	1783.201	1422.201	84.96117	261.9769	82.78992	75.67438	15.26446	11.61173	73.12381	50.23421	22.8896	27.2568	4
1779.365	1783.206	1422.206	86.2238	147.1967	86.684	74.87196	21.48589	12.6209	65.8932	46.04381	19.84939	29.3804	4
1779.37	1783.211	1422.211	86.74301	100.6747	86.3654	86.01139	38.75963	6.813939	54.42643	21.69418	32.73226	28.0043	4
1779.375	1783.216	1422.216	92.12392	96.00993	90.80229	87.97023	42.2542	4.816987	52.92881	19.03297	33.89583	29.13339	4
1779.38	1783.221	1422.221	91.65191	98.47458	89.83467	87.69883	45.93299	2.779292	51.28772	16.77651	34.51121	29.37908	4
1779.385	1783.226	1422.226	90.38928	65.40372	89.05585	86.17659	51.34822	2.178144	46.47363	33.24157	13.23206	30.5404	4
1779.39	1783.231	1422.231	92.41892	129.596	90.07067	87.02621	41.81128	2.810261	55.37845	20.86773	34.51073	28.84587	4
1779.395	1783.236	1422.236	89.13846	68.62029	88.10003	86.03499	49.43428	3.146157	47.41957	20.97175	26.44782	29.97471	4
1779.4	1783.241	1422.241	86.4598	31.03787	86.2828	86.4598	54.3176	2.685544	42.99686	23.04049	19.95637	30.65684	4
1779.405	1783.246	1422.246	86.3772	39.7825	85.46858	84.53636	57.94741	0.78575	41.26684	12.7304	28.53644	31.39962	4
1779.41	1783.251	1422.251	86.16479	48.48536	84.66616	83.12033	60.60932	0	39.39068	14.92581	24.46487	31.09481	4
1779.415	1783.256	1422.256	86.4834	38.3622	85.09097	84.15875	61.94294	0	38.05706	25.17135	12.88571	31.05779	4
1779.42	1783.261	1422.261	86.389	44.37761	84.78417	83.88735	62.22019	0	37.77981	22.53037	15.24943	30.60825	4
1779.425	1783.266	1422.266	86.5542	42.24715	85.31518	84.44196	59.74877	0	40.25123	18.18733	22.0639	31.60986	4
1779.43	1783.27	1422.27	87.39202	35.9254	86.5424	86.3182	57.48993	1.047701	41.46237	19.20357	22.2588	31.29512	4
1779.435	1783.275	1422.275	88.13543	46.2992	86.81381	85.97599	57.9536	0.315923	41.73047	19.62618	22.1043	31.41456	4

1779.44	1783.28	1422.28	88.64285	38.52929	87.23862	86.10579	60.00727	0	39.99273	26.40035	13.59238	31.51059	4
1779.445	1783.285	1422.285	88.99685	36.84442	87.69883	86.80201	59.26625	0	40.73375	18.89749	21.83626	31.86384	4
1779.45	1783.29	1422.29	89.19746	54.04127	87.34482	86.10579	59.2183	0	40.7817	18.57454	22.20716	30.58849	4
1779.455	1783.295	1422.295	89.18566	54.44508	87.69883	86.03499	56.29642	0.534706	43.16887	12.16928	30.99959	31.22206	4
1779.46	1783.3	1422.3	90.97929	90.80214	88.19444	85.29158	55.90758	0	44.09242	23.16747	20.92495	28.87683	4
1779.465	1783.305	1422.305	87.65162	39.93567	86.6486	85.48038	57.46948	0.866819	41.6637	29.02411	12.63959	31.42914	4
1779.47	1783.31	1422.31	93.31574	236.5089	87.75783	83.67494	39.98821	0	60.01179	23.32626	36.68553	24.06304	4
1779.475	1783.315	1422.315	88.15904	89.14511	85.59838	84.59536	57.16563	0	42.83437	18.16523	24.66914	29.30081	4
1779.48	1783.32	1422.32	88.71365	94.43645	86.74301	86.625	50.80229	1.401477	47.79623	22.92702	24.86921	29.4667	4
1779.485	1783.325	1422.325	87.27402	60.57189	85.79899	85.61018	56.48099	0.544785	42.97422	18.47692	24.4973	30.75835	4
1779.49	1783.33	1422.33	85.70458	58.60853	84.37116	82.54212	57.30258	0.515934	42.18148	27.55963	14.62186	31.12336	4
1779.495	1783.335	1422.335	87.80503	76.4459	85.84619	82.89613	55.90048	0.092273	44.00725	20.40104	23.60621	30.98814	4
1779.5	1783.34	1422.34	86.6014	101.4266	83.87555	79.82806	56.90686	0	43.09314	26.69199	16.40116	29.82133	4
1779.505	1783.345	1422.345	89.35086	155.9413	86.4126	81.4329	42.83094	2.227383	54.94168	20.0546	34.88708	28.66192	4
1779.51	1783.349	1422.349	88.91425	134.2329	86.4244	80.76028	45.01088	2.300695	52.68843	20.68163	32.0068	29.24611	4
1779.515	1783.354	1422.354	87.99383	117.412	84.71336	82.05831	56.05559	0	43.94441	18.62753	25.31688	28.38995	4
1779.52	1783.359	1422.359	85.58658	53.79062	84.01715	83.39174	60.40611	0	39.59389	11.22909	28.36479	30.78877	4
1779.525	1783.364	1422.364	86.4362	42.30285	85.40958	84.20595	58.19772	0.585182	41.2171	26.36499	14.85211	31.46562	4
1779.53	1783.369	1422.369	90.15328	66.12779	87.95843	83.86375	58.06611	0	41.93389	18.47338	23.46051	30.40454	4
1779.535	1783.374	1422.374	89.92907	52.35639	88.79625	86.01139	53.37439	1.942883	44.68273	13.96115	30.72158	30.97158	4
1779.54	1783.379	1422.379	90.05887	60.37695	88.15904	85.78719	57.25837	0	42.74163	22.40537	20.33626	30.95843	4
1779.545	1783.384	1422.384	90.28308	40.25594	88.89065	86.2238	57.98895	0.219179	41.79187	18.48709	23.30478	31.9874	4
1779.55	1783.389	1422.389	89.72847	38.64069	87.87583	86.3654	62.45671	0	37.54329	13.96503	23.57826	30.27611	4
1779.555	1783.394	1422.394	91.67551	45.42196	90.66069	90.48368	52.53128	2.562052	44.90667	21.7558	23.15086	30.52227	4
1779.56	1783.399	1422.399	93.20954	48.27649	92.97353	94.22436	44.39335	7.01428	48.59237	22.08238	26.50999	29.04718	4
1779.565	1783.404	1422.404	93.66975	34.08735	93.28034	93.38654	48.5926	5.580481	45.82691	20.0301	25.79681	29.98175	4
1779.57	1783.409	1422.409	94.08276	52.31462	92.00591	90.27128	56.87926	0	43.12074	21.29647	21.82428	30.41331	4
1779.575	1783.414	1422.414	94.60197	37.49887	93.64615	92.84373	51.29906	3.500501	45.20043	23.01305	22.18739	30.64564	4
1779.58	1783.419	1422.419	96.2304	48.7917	94.82617	91.87611	50.54321	2.638616	46.81817	14.1626	32.65557	30.95826	4
1779.585	1783.424	1422.424	95.27458	41.43953	94.27156	91.73451	50.09243	3.831525	46.07605	26.17373	19.90232	30.76641	4
1779.59	1783.428	1422.428	96.0062	38.27865	95.10938	93.66975	49.36121	4.519793	46.119	25.0558	21.0632	30.48564	4
1779.595	1783.433	1422.433	97.19802	31.58093	96.76141	95.61679	46.31896	7.31369	46.36736	19.91883	26.44853	29.96775	4
1779.6	1783.438	1422.438	101.8827	63.17578	100.6201	99.99468	40.76471	6.999927	52.23536	28.93173	23.30363	29.26529	4
1779.605	1783.443	1422.443	103.2869	76.96111	102.1895	100.7499	34.85645	9.961709	55.18185	35.3547	19.82714	28.75313	4
1779.61	1783.448	1422.448	106.0246	54.96029	105.0806	103.9596	36.47313	11.69155	51.83533	26.39226	25.44307	28.80267	4
1779.615	1783.453	1422.453	104.0894	50.35125	103.2869	103.8062	38.27151	11.03939	50.6891	26.50496	24.18414	28.66126	4
1779.62	1783.458	1422.458	102.5671	52.74628	101.4461	100.9151	41.56157	7.702963	50.73547	22.66834	28.06713	29.35108	4
1779.625	1783.463	1422.463	103.2515	69.62286	102.5553	102.3193	33.55551	12.51844	53.92605	31.04905	22.877	28.2979	4
1779.63	1783.468	1422.468	102.7559	90.10591	101.4343	99.13326	33.90152	8.864371	57.23411	25.23438	31.99973	28.86789	4
1779.635	1783.473	1422.473	102.6379	128.1757	100.7145	97.18622	29.46124	7.057332	63.48143	36.35588	27.12554	28.8985	4
1779.64	1783.478	1422.478	97.81163	52.66273	98.93266	98.49605	28.58099	18.82508	52.59393	21.43835	31.15558	27.82131	4
1779.645	1783.483	1422.483	98.68485	63.85809	98.74385	98.50785	33.29902	13.6414	53.05958	22.16776	30.89182	28.15858	4
1779.65	1783.488	1422.488	97.88243	37.81914	98.09484	98.36624	39.14979	12.14862	48.70158	18.84264	29.85894	28.65769	4
1779.655	1783.493	1422.493	98.22464	64.59609	98.59045	95.93539	31.16607	15.2299	53.60404	35.34216	18.26188	28.42748	4
1779.66	1783.498	1422.498	98.60225	112.0371	97.68183	96.56081	29.3062	10.73239	59.96141	35.0134	24.94801	28.09368	4
1779.665	1783.502	1422.502	97.78803	111.4941	95.41618	92.32452	41.43528	2.095605	56.46912	19.66635	36.80276	29.5054	4
1779.67	1783.507	1422.507	97.63463	32.70882	98.43705	100.0065	36.04188	15.24984	48.70829	31.41595	17.29233	28.04486	4
1779.675	1783.512	1422.512	101.2927	63.12009	100.1009	100.1717	40.77229	7.167981	52.05973	31.77567	20.28406	29.09993	4
1779.68	1783.517	1422.517	100.9623	62.86944	101.3399	99.54627	28.97382	17.96734	53.05884	25.80586	27.25298	28.04894	4
1779.685	1783.522	1422.522	99.66427	53.27541	99.75867	98.51965	34.6846	14.03496	51.28043	27.522	23.75843	28.4506	4
1779.69	1783.527	1422.527	101.4579	42.65097	101.5641	103.3695	35.51412	15.13476	49.35112	33.36777	15.98335	27.91769	4
1779.695	1783.532	1422.532	101.6113	39.72681	101.6231	102.8739	36.81225	14.39425	48.7935	22.51211	26.28139	28.16996	4
1779.7	1783.537	1422.537	102.7205	44.18267	102.4963	101.0685	36.54249	13.98697	49.47054	22.81808	26.65246	28.66541	4
1779.705	1783.542	1422.542	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1780.015	1783.848	1422.848	81.8105	18.33866	80.66588	78.69524	69.16721	0	30.83279	11.97348	18.85931	30.63509	6
1780.02	1783.853	1422.853	84.27676	74.16227	82.61292	80.18207	57.41283	0.300209	42.28696	9.72594	32.56102	30.89578	6
1780.025	1783.858	1422.858	91.85251	155.3982	88.74905	84.27676	41.94116	1.507079	56.55176	30.11266	26.4391	28.78756	6
1780.03	1783.863	1422.863	101.1393	269.6215	101.2809	97.25702	0	30.39202	69.60798	69.60798	0	-9999	6
1780.035	1783.868	1422.868	107.771	254.8058	111.8303	111.7595	0	81.12019	18.87981	18.87981	0	-9999	6
1780.04	1783.873	1422.873	107.0276	257.7578	110.7447	110.7919	0	74.67159	25.32841	25.32841	0	-9999	6
1780.045	1783.878	1422.878	104.2546	285.5791	108.3965	99.62887	0	72.45579	27.54421	27.54421	0	-9999	6
1780.05	1783.883	1422.883	101.8945	328.0629	106.296	98.08304	0	70.92096	29.07904	29.07904	0	-9999	6
1780.055	1783.887	1422.887	99.56987	307.8862	104.6794	84.78417	0	69.31672	30.68328	30.68328	0	-9999	6
1780.06	1783.892	1422.892	97.97684	252.8563	101.2219	91.1563	0	47.12348	52.87652	52.87652	0	-9999	6
1780.065	1783.897	1422.897	98.70845	236.6899	102.6851	98.66125	0	53.04713	46.95287	46.95287	0	-9999	6
1780.07	1783.902	1422.902	98.81465	222.8767	99.74687	100.3015	0	30.23532	69.76468	69.76468	0	-9999	6
1780.075	1783.907	1422.907	95.80559	149.2018	95.92359	92.92633	14.8375	17.40569	67.75681	54.86004	12.89676	28.29027	6
1780.08	1783.912	1422.912	96.3484	120.2108	96.0534	94.12996	24.55474	13.53703	61.90822	43.54731	18.36091	27.97366	6
1780.085	1783.917	1422.917	96.1006	116.4651	96.2422	94.34236	22.30547	15.55698	62.13755	32.70091	29.43663	27.95422	6
1780.09	1783.922	1422.922	97.83523	145.4282	97.70543	93.71695	15.80392	17.27439	66.92169	42.98424	23.93745	28.46288	6
1780.095	1783.927	1422.927	100.1717	95.00736	99.84128	98.02404	27.41092	14.42396	58.16512	25.79121	32.3739	28.12202	6
1780.1	1783.932	1422.932	99.09786	73.85593	99.26306	98.50785	29.67651	15.37331	54.95018	24.33502	30.61516	27.98409	6
1780.105	1783.937	1422.937	98.63765	100.4101	98.87366	98.56685	23.12508	17.20253	59.67239	29.52427	30.14813	27.67184	6

1780.11	1783.942	1422.942	98.99166	115.9221	99.01526	99.95928	20.69163	17.19386	62.11451	45.598	16.51651	27.44626	6
1780.115	1783.947	1422.947	98.79105	77.2396	99.31026	99.06246	26.39636	17.63109	55.97254	38.77898	17.19357	27.70789	6
1780.12	1783.952	1422.952	100.0537	104.8799	100.3133	98.90906	20.55774	19.01925	60.42301	43.36813	17.05488	27.83177	6
1780.125	1783.957	1422.957	100.4313	235.7569	100.2897	102.7323	0	25.43252	74.56748	74.56748	0	-9999	6
1780.13	1783.962	1422.962	101.2455	331.0567	100.6555	103.523	0	29.40112	70.59888	70.59888	0	-9999	6
1780.135	1783.966	1422.966	97.35142	166.7328	99.21586	100.1599	0	30.77563	69.22437	69.22437	0	-9999	6
1780.14	1783.971	1422.971	96.313	163.7669	97.78803	96.44281	0.328964	26.78472	72.88631	72.88631	0	-9999	6
1780.145	1783.976	1422.976	95.64039	164.6441	97.09182	98.03584	0.918378	25.92004	73.16158	73.16158	0	-9999	6
1780.15	1783.981	1422.981	97.85883	180.4207	99.52267	102.5199	0	31.06568	68.93432	68.93432	0	-9999	6
1780.155	1783.986	1422.986	95.34538	163.001	96.67881	94.92057	2.501933	24.79233	72.70574	72.70574	0	-9999	6
1780.16	1783.991	1422.991	93.65795	169.4063	95.14478	84.15875	1.315415	24.27829	74.40629	74.40629	0	-9999	6
1780.165	1783.996	1422.996	94.86157	156.1502	94.25976	86.212	19.60306	13.4206	66.97634	34.32497	32.65137	28.97502	6
1780.17	1784.001	1423.001	94.29516	144.7877	93.31574	84.97297	25.80033	10.49079	63.70888	28.76064	34.94824	28.98807	6
1780.175	1784.006	1423.006	93.87035	148.7423	93.20954	87.79323	22.76495	12.10783	65.12722	47.38073	17.74649	28.41246	6
1780.18	1784.011	1423.011	93.48094	148.2828	94.34236	89.49246	11.43711	19.40738	69.1555	63.11043	6.045073	28.86581	6
1780.185	1784.016	1423.016	95.41618	169.3506	98.13024	102.7795	0	33.57489	66.42511	66.42511	0	-9999	6
1780.19	1784.021	1423.021	94.56657	168.738	95.84099	96.56081	2.287367	24.02042	73.69221	73.69221	0	-9999	6
1780.195	1784.026	1423.026	99.67607	209.3699	100.6555	100.4195	0	30.67615	69.32385	69.32385	0	-9999	6
1780.2	1784.031	1423.031	103.3813	498.2351	101.1865	100.7735	0	30.30369	69.69631	69.69631	0	-9999	6
1780.205	1784.036	1423.036	97.20982	162.1238	98.92086	99.16866	0	29.27643	70.72357	70.72357	0	-9999	6
1780.21	1784.041	1423.041	93.10334	108.7927	94.14176	94.14176	19.96934	17.31205	62.71862	41.64154	21.07708	27.66492	6
1780.215	1784.045	1423.045	89.74027	108.3192	88.85525	83.36814	38.08459	6.621114	55.2943	31.51778	23.77652	28.96909	6
1780.22	1784.05	1423.05	90.14148	98.68344	89.52786	86.3536	37.94395	7.20664	54.84941	26.55733	28.29208	28.65507	6
1780.225	1784.055	1423.055	87.75783	111.6472	85.69278	80.68948	48.24825	2.106722	49.64503	28.98095	20.66407	29.692	6
1780.23	1784.06	1423.06	88.98505	92.75158	88.64285	86.90821	38.33998	7.366883	54.29314	36.24835	18.04479	28.42497	6
1780.235	1784.065	1423.065	91.4867	146.1802	89.13846	85.70458	38.65556	3.835762	57.50868	26.96901	30.53967	28.36864	6
1780.24	1784.07	1423.07	93.30394	135.2772	90.97929	88.57204	39.43931	3.389407	57.17129	19.60462	37.56666	28.53581	6
1780.245	1784.075	1423.075	93.70515	147.7397	93.11514	95.81739	22.61085	12.29857	65.09058	46.05714	19.03344	26.91342	6
1780.25	1784.08	1423.08	96.60801	215.9701	96.63161	107.4288	0	21.99561	78.00439	78.00439	0	-9999	6
1780.255	1784.085	1423.085	96.313	255.1678	97.36322	98.08304	0	30.39073	69.60927	69.60927	0	-9999	6
1780.26	1784.09	1423.09	94.41316	221.8463	94.96778	94.29516	0	23.56546	76.43454	76.43454	0	-9999	6
1780.265	1784.095	1423.095	94.55477	260.5844	93.09154	89.38626	1.288211	16.05936	82.65243	82.65243	0	-9999	6
1780.27	1784.1	1423.1	93.91755	164.853	93.79955	94.38956	14.61594	15.89464	69.48942	39.53249	29.95693	27.54575	6
1780.275	1784.105	1423.105	94.28336	185.7538	93.90575	82.01111	11.23335	16.22865	72.538	62.84286	9.69514	30.02259	6
1780.28	1784.11	1423.11	95.00318	264.9011	94.22436	98.73205	0	19.93125	80.06875	80.06875	0	-9999	6
1780.285	1784.115	1423.115	98.16564	272.1418	98.82645	101.3753	0	31.06485	68.93515	68.93515	0	-9999	6
1780.29	1784.119	1423.119	98.38985	244.6269	97.69363	96.99742	0	20.91757	79.08243	79.08243	0	-9999	6
1780.295	1784.124	1423.124	94.71997	168.0417	92.76113	90.17688	27.37254	7.486112	65.14135	44.65985	20.4815	27.83419	6
1780.3	1784.129	1423.129	94.48397	179.627	91.94691	87.81683	29.26718	5.547769	65.18505	40.64135	24.5437	28.05296	6
1780.305	1784.134	1423.134	94.88517	163.8365	93.71695	92.83193	22.11094	11.09372	66.79534	42.5297	24.26564	27.55875	6
1780.31	1784.139	1423.139	94.95597	280.6776	93.11514	79.20265	0	15.70627	84.29373	84.29373	0	-9999	6
1780.315	1784.144	1423.144	93.69335	169.8937	92.92633	83.87555	18.63221	12.93755	68.43024	49.64224	18.788	29.06645	6
1780.32	1784.149	1423.149	96.80861	287.1386	95.38078	89.22106	0	18.8148	81.1852	81.1852	0	-9999	6
1780.325	1784.154	1423.154	96.71421	257.9666	97.18622	85.29158	0	27.53668	72.46332	72.46332	0	-9999	6
1780.33	1784.159	1423.159	100.7381	223.0577	100.9623	96.54901	0	27.43715	72.56285	72.56285	0	-9999	6
1780.335	1784.164	1423.164	101.1747	176.2433	99.73507	92.41892	15.42552	13.06339	71.51108	48.74919	22.76189	29.3063	6
1780.34	1784.169	1423.169	100.0301	269.4683	97.76443	85.19717	0.319753	13.70895	85.97129	85.97129	0	-9999	6
1780.345	1784.174	1423.174	95.19198	152.2234	92.26552	87.52182	38.26538	1.929719	59.80491	24.69257	35.11234	28.95034	6
1780.35	1784.179	1423.179	91.87611	79.56501	91.1681	90.68429	41.70636	6.275918	52.01772	17.63596	34.38176	28.75725	6
1780.355	1784.184	1423.184	91.06189	99.82526	90.87309	89.91727	33.52857	9.500379	56.97105	35.71728	21.25376	28.00792	6
1780.36	1784.189	1423.189	87.94663	65.36194	89.29186	93.18594	32.846	11.51085	55.64316	32.10725	23.53591	27.35992	6
1780.365	1784.194	1423.194	87.79323	55.00206	89.26826	92.39532	34.48825	11.21156	54.30019	33.07424	21.22595	27.67835	6
1780.37	1784.198	1423.198	87.27402	50.78292	88.26524	91.4277	39.73648	8.674322	51.5892	19.62325	31.96595	28.0487	6
1780.375	1784.203	1423.203	87.48642	52.43994	87.52182	86.6368	46.54767	5.353886	48.09844	18.40285	29.6956	29.47006	6
1780.38	1784.208	1423.208	90.22408	55.12738	90.16508	89.55146	44.11028	6.580758	49.30896	32.91364	16.39532	29.19521	6
1780.385	1784.213	1423.213	94.16536	46.81441	94.10636	93.04434	42.49604	8.385106	49.11885	19.31104	29.80781	29.25629	6
1780.39	1784.218	1423.218	91.2035	61.24027	90.77869	88.00563	44.5649	5.952518	49.48258	22.64789	26.83469	29.63102	6
1780.395	1784.223	1423.223	86.6486	129.9023	84.59536	77.98723	44.75955	3.237459	52.003	30.50667	21.49633	29.22777	6
1780.4	1784.228	1423.228	83.92275	58.24649	82.81353	78.62444	57.2919	0.74595	41.96215	20.4404	21.52176	31.42793	6
1780.405	1784.233	1423.233	82.08191	19.85644	81.7161	81.3857	62.51439	0	37.48561	22.35769	15.12792	31.88099	6
1780.41	1784.238	1423.238	83.03773	20.09316	83.12033	82.23531	58.10258	1.351307	40.54611	27.91664	12.62947	31.53015	6
1780.415	1784.243	1423.243	84.38296	22.69705	84.66616	85.00837	54.68015	2.714976	42.60488	16.08613	26.51875	30.71159	6
1780.42	1784.248	1423.248	85.31518	25.85793	85.82259	86.95541	51.31999	4.114041	44.56597	33.01164	11.55433	30.01864	6
1780.425	1784.253	1423.253	86.09399	28.615	86.4716	84.52456	50.94224	4.260831	44.79693	24.62249	20.17444	30.5174	6
1780.43	1784.258	1423.258	86.4598	26.0668	87.02621	88.76085	49.75913	4.948647	45.29223	17.18884	28.10339	29.70795	6
1780.435	1784.263	1423.263	88.10003	29.1859	88.24164	87.02621	50.78756	4.490819	44.72162	24.19133	20.5303	30.41546	6
1780.44	1784.268	1423.268	90.81409	38.15333	91.2153	89.57506	44.10857	7.757692	48.13374	31.71506	16.41868	29.54922	6
1780.445	1784.273	1423.273	92.54873	40.14454	93.66975	88.18264	36.45226	12.59605	50.95169	23.9506	27.00109	29.46683	6
1780.45	1784.277	1423.277	96.85581	78.47889	96.92662	94.61377	31.35205	13.18258	55.46537	35.04478	20.42059	28.37876	6
1780.455	1784.282	1423.282	100.6909	128.1478	98.31904	97.02102	34.73443	3.621145	61.64443	30.87175	30.77267	28.73873	6
1780.46	1784.287	1423.287	100.3015	108.4028	98.99166	94.12996	31.64032	8.930572	59.42911	38.26111	21.168	29.03496	6
1780.465	1784.292	1423.292	100.6791	136.9064	100.2425	87.00261	17.62761	16.92931	65.44309	38.20643	27.23665	30.16416	6
1780.47	1784.297	1423.297	99.92388	102.7912	100.1717	98.41345	21.27407	18.66816	60.05776	39.18252	20.87524	27.89778	6

1780.475	1784.302	1423.302	102.7559	105.6736	101.3989	98.73205	30.4085	9.656333	59.93517	28.07948	31.85568	28.67626	6
1780.48	1784.307	1423.307	105.6706	118.4285	103.7472	102.8031	29.03001	7.448184	63.5218	35.39863	28.12317	28.59444	6
1780.485	1784.312	1423.312	105.2104	151.2626	102.7913	102.2839	25.34852	5.564577	69.0869	45.92175	23.16515	28.50512	6
1780.49	1784.317	1423.317	97.59923	70.37479	96.79681	94.34236	39.39674	8.056692	52.54657	19.65715	32.88942	29.18634	4
1780.495	1784.322	1423.322	95.55779	51.85511	93.38654	91.95871	56.36505	0	43.63495	14.19087	29.44408	30.07067	4
1780.5	1784.327	1423.327	98.57865	67.50633	99.27486	101.0095	27.57545	17.91612	54.50843	32.40851	22.09992	27.37272	4
1780.505	1784.332	1423.332	100.4077	42.31678	101.4697	100.8561	29.1536	20.91887	49.92753	34.39423	15.5333	27.71137	4
1780.51	1784.337	1423.337	99.41647	40.86862	100.0301	102.2013	33.89115	16.46714	49.64171	19.26506	30.37665	27.67712	4
1780.515	1784.342	1423.342	100.5611	32.45818	100.1953	98.80285	42.46393	10.27295	47.26313	32.88833	14.3748	29.45364	4
1780.52	1784.347	1423.347	96.86761	56.97935	97.23342	97.39863	34.25778	13.4779	52.26431	21.37527	30.88904	28.15278	4
1780.525	1784.351	1423.351	93.52815	61.18457	94.31876	96.2658	33.02016	13.20568	53.77416	29.18204	24.59212	27.73495	4
1780.53	1784.356	1423.356	95.07398	86.73616	97.90604	101.9063	9.593339	28.20884	62.19782	44.25665	17.94117	27.3998	4
1780.535	1784.361	1423.361	97.59923	64.61002	99.78227	102.6969	17.65449	26.35534	55.99017	38.9832	17.00696	26.95842	4
1780.54	1784.366	1423.366	88.43044	80.12199	87.81683	87.74603	44.00997	5.253058	50.73697	25.59095	25.14602	28.73697	4
1780.545	1784.371	1423.371	88.32424	69.9849	87.98203	88.08823	44.45746	5.534175	50.00837	20.79408	29.21429	28.86702	4
1780.55	1784.376	1423.376	87.30942	68.48105	87.74603	89.05585	39.7192	7.816459	52.46434	28.35156	24.11277	28.18181	4
1780.555	1784.381	1423.381	91.71091	30.28594	91.93511	93.09154	46.55918	7.02199	46.41883	21.79827	24.62056	29.43551	4
1780.56	1784.386	1423.386	91.64011	27.77952	91.2389	89.16206	52.07782	4.014306	43.90787	18.32056	25.58731	30.93254	4
1780.565	1784.391	1423.391	93.44554	48.9588	92.85553	87.72243	46.75466	5.497693	47.74764	24.77278	22.97486	30.55504	4
1780.57	1784.396	1423.396	96.254	77.64342	94.87337	96.0298	43.35648	4.719124	51.92439	27.00461	24.91978	28.93183	4
1780.575	1784.401	1423.401	96.2776	52.95515	95.88819	97.13902	41.62737	8.425029	49.9476	28.16449	21.78311	28.75478	4
1780.58	1784.406	1423.406	98.23644	88.49066	96.4074	92.35992	42.38278	3.649328	53.9679	25.05766	28.91024	29.89315	4
1780.585	1784.411	1423.411	100.7381	118.4006	98.20104	93.85855	38.33015	1.937384	59.73246	29.88227	29.85019	29.68918	4
1780.59	1784.416	1423.416	100.5965	77.85228	100.6319	98.55505	28.33662	16.15826	55.50512	41.16223	14.34289	28.14431	4
1780.595	1784.421	1423.421	100.0065	74.59393	100.0537	99.10966	29.5765	15.46939	54.95411	21.25113	33.70298	28.00989	4
1780.6	1784.426	1423.426	103.0155	74.55216	102.6497	99.81767	30.01909	15.21413	54.76678	37.71205	17.05474	28.41616	4
1780.605	1784.43	1423.43	102.3193	44.12697	102.7205	103.936	32.07813	18.41145	49.51042	26.89754	22.61288	27.59789	4
1780.61	1784.435	1423.435	104.4552	77.55987	104.2192	104.5024	26.96079	17.86253	55.17667	33.69185	21.48482	27.58979	4
1780.615	1784.44	1423.44	106.414	158.5173	105.2812	105.352	12.5173	17.31309	70.16961	58.84828	11.32133	28.13765	4
1780.62	1784.445	1423.445	107.0158	82.48917	105.1868	102.9447	35.75811	6.372427	57.86947	33.66672	24.20275	29.36913	4
1780.625	1784.45	1423.45	108.4437	121.7843	105.9538	102.8857	30.05638	3.512659	66.43096	45.93629	20.49467	29.49637	4
1780.63	1784.455	1423.455	110.5205	238.9735	105.057	99.13326	22.83178	0	77.16822	44.65907	32.50916	9.027909	4
1780.635	1784.46	1423.46	106.178	192.2705	102.6025	97.88243	23.49669	0	76.50331	35.06362	41.43969	28.70694	4
1780.64	1784.465	1423.465	107.9008	145.8877	105.5172	101.8355	23.89967	6.002249	70.09808	37.62914	32.46894	29.27103	4
1780.645	1784.47	1423.47	105.8948	71.99004	105.6588	105.8358	26.98423	19.02609	53.98967	28.16982	25.81986	27.52483	4
1780.65	1784.475	1423.475	104.939	40.43696	104.4552	103.9242	37.41992	13.73939	48.84069	34.69521	14.14548	28.60516	4
1780.655	1784.48	1423.48	103.641	44.01557	103.3931	101.5169	35.91904	14.68013	49.40083	23.26744	26.13339	28.65179	4
1780.66	1784.485	1423.485	103.2633	32.15184	103.5702	104.6794	34.83923	17.96512	47.19565	19.8389	27.35675	27.81398	4
1780.665	1784.49	1423.49	102.2839	43.38897	103.641	104.3372	24.88169	25.94778	49.17053	18.70766	30.46287	27.01143	4
1780.67	1784.495	1423.495	102.8031	54.96029	104.0658	104.2664	22.33537	26.75474	50.90988	21.01793	29.89195	27.0314	4
1780.675	1784.5	1423.5	104.408	49.40438	104.8918	104.7502	28.23928	22.0643	49.69642	24.60301	25.09341	27.40769	4
1780.68	1784.504	1423.504	106.7916	69.27475	106.3668	103.7826	28.27949	18.08277	53.63774	35.01663	18.62111	28.13465	4
1780.685	1784.509	1423.509	108.9629	60.78076	109.6827	111.0869	19.46666	32.26227	48.27107	34.89555	13.37552	26.13656	4
1780.69	1784.514	1423.514	111.6415	69.03803	113.2582	117.695	8.053693	49.59461	42.35169	26.27671	16.07499	24.49482	4
1780.695	1784.519	1423.519	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1781.01	1784.83	1423.83	85.96419	222.6121	79.50946	77.73942	57.06499	0	42.93501	18.69142	24.2436	24.68714	4
1781.015	1784.835	1423.835	82.60112	207.7268	75.93398	72.66532	65.4074	0	34.5926	22.73337	11.85923	26.35355	4
1781.02	1784.84	1423.84	77.91642	188.7615	72.81872	72.33491	62.14382	0.582088	37.27409	24.53478	12.73931	28.46609	4
1781.025	1784.845	1423.845	77.78662	172.6647	72.71252	71.29649	65.97576	0	34.02424	21.63617	12.38807	29.14573	4
1781.03	1784.85	1423.85	73.51493	184.8208	69.50285	64.80636	58.73325	2.704455	38.56229	15.72249	22.8398	28.2245	4
1781.035	1784.855	1423.855	74.37635	174.9901	73.50313	65.11316	35.99359	7.223731	56.78268	21.70771	35.07497	27.28379	4
1781.04	1784.86	1423.86	75.45017	132.9379	73.03112	69.20785	57.16251	1.730792	41.1067	15.44097	25.66573	29.19655	4
1781.045	1784.865	1423.865	75.21417	95.73144	73.62114	71.9455	59.98196	0.68457	39.33347	18.26587	21.0676	30.06255	4
1781.05	1784.87	1423.87	74.80116	84.29936	73.29073	72.26411	62.48833	0.01518	37.49649	25.02826	12.46824	30.62049	4
1781.055	1784.875	1423.875	76.39419	123.5249	75.32037	74.97816	48.14644	3.71218	48.14138	27.19765	20.94373	27.69724	4
1781.06	1784.88	1423.88	76.7718	124.6945	77.53882	77.45622	33.24949	7.752431	58.99808	36.29561	22.70247	26.9195	4
1781.065	1784.885	1423.885	77.66862	160.5921	79.49766	70.52947	15.50654	13.0397	71.45376	57.3623	14.09146	28.93169	4
1781.07	1784.89	1423.89	79.23805	248.1498	78.80144	61.9979	10.43246	14.12024	75.4473	61.2646	14.1827	29.48217	4
1781.075	1784.894	1423.894	80.51248	241.1318	77.18481	66.30499	33.36405	7.228373	59.40758	27.92189	31.48569	26.87957	4
1781.08	1784.899	1423.899	78.29403	212.5864	74.55336	64.19274	45.51382	4.615124	49.87106	27.22235	22.64871	27.60291	4
1781.085	1784.904	1423.904	77.13761	164.2125	73.05472	65.50257	60.93633	0.836123	38.22755	23.60215	14.6254	29.99725	4
1781.09	1784.909	1423.909	78.47104	144.37	75.59178	67.46141	55.18337	1.690063	43.12656	16.6695	26.45707	29.73279	4
1781.095	1784.914	1423.914	77.71582	120.6146	75.70978	72.59452	54.85952	1.816463	43.32402	28.12304	15.20098	29.18447	4
1781.1	1784.919	1423.919	78.32943	119.9463	75.63898	70.50587	59.76095	0.420516	39.81853	18.03866	21.77987	30.41598	4
1781.105	1784.924	1423.924	80.54788	201.5164	76.819	73.43233	46.02777	3.686214	50.28601	15.77391	34.5121	26.84238	4
1781.11	1784.929	1423.929	78.63624	136.6001	75.78058	73.89254	56.7288	1.213005	42.05819	12.10719	29.95101	28.99256	4
1781.115	1784.934	1423.934	77.39721	150.1487	75.24957	74.81296	49.10283	3.502706	47.39447	14.53262	32.86185	27.33073	4
1781.12	1784.939	1423.939	74.24655	88.6299	73.53853	72.22871	55.73185	1.670821	42.59733	15.39144	27.20589	29.39719	4
1781.125	1784.944	1423.944	73.62114	69.60894	73.63294	73.46773	55.33174	1.56208	43.10618	16.02272	27.08346	29.50468	4
1781.13	1784.949	1423.949	72.14611	52.1893	72.93672	71.47349	54.8685	1.385157	43.74635	19.31516	24.43119	29.98352	4
1781.135	1784.954	1423.954	72.51191	58.00977	72.97212	73.63294	55.68405	1.298729	43.01722	15.02891	27.98831	29.59644	4
1781.14	1784.959	1423.959	72.14611	41.5927	73.12553	72.21691	55.96964	1.003832	43.02652	27.30865	15.71788	30.27246	4
1781.145	1784.964	1423.964	72.31131	51.29812	73.82174	75.66258	49.35361	2.674576	47.97181	23.46249	24.50932	28.735	4

1781.15	1784.968	1423.968	72.96032	64.34545	73.53853	75.55638	52.82376	2.06189	45.11435	20.12466	24.98969	28.84321	4
1781.155	1784.973	1423.973	70.88348	57.75913	70.30527	73.17273	65.29063	0	34.70937	20.74137	13.968	29.68807	4
1781.16	1784.978	1423.978	69.56185	57.21607	69.14884	67.0602	65.35762	0	34.64238	7.238903	27.40347	30.52887	4
1781.165	1784.983	1423.983	67.96882	48.70815	67.68561	66.30499	67.87616	0	32.12384	14.91066	17.21318	30.1215	4
1781.17	1784.988	1423.988	68.07502	55.12738	67.93342	65.73857	65.12758	0	34.87242	14.74464	20.12779	30.43981	4
1781.175	1784.993	1423.993	67.78002	55.82361	67.73282	64.99516	64.49888	0	35.50112	6.686454	28.81467	30.55158	4
1781.18	1784.998	1423.998	68.12222	61.32382	66.8124	67.0248	72.63835	0	27.36165	19.90065	7.460996	29.96936	4
1781.185	1785.003	1424.003	68.79484	56.36667	67.66201	68.24023	71.8474	0	28.1526	21.82117	6.331436	29.83471	4
1781.19	1785.008	1424.008	72.19331	67.99369	71.43809	74.69496	62.98061	0	37.01939	18.83899	18.1804	29.87713	4
1781.195	1785.013	1424.013	73.82174	43.90418	73.34973	73.47953	65.11726	0	34.88274	10.0008	24.88194	30.35908	4
1781.2	1785.018	1424.018	79.73366	62.07574	79.39145	80.64228	54.27481	1.923925	43.80127	18.69315	25.10812	29.59127	4
1781.205	1785.023	1424.023	87.65162	156.8742	88.71365	90.81409	13.16627	16.36179	70.47194	53.50424	16.9677	27.34473	4
1781.21	1785.028	1424.028	89.49246	158.768	91.59291	94.69637	2.96665	22.34514	74.68821	74.68821	0	-9999	4
1781.215	1785.033	1424.033	90.04707	154.5767	91.67551	96.3248	7.128776	20.46826	72.40297	68.20642	4.196542	-9999	4
1781.22	1785.038	1424.038	92.12392	151.0955	92.80833	96.44281	13.37667	17.61058	69.01275	58.75864	10.25411	27.11728	4
1781.225	1785.043	1424.043	92.06492	188.678	93.29214	93.66975	0.129217	22.71051	77.16027	77.16027	0	-9999	4
1781.23	1785.047	1424.047	87.87583	148.1157	85.65738	79.82806	40.5032	4.071472	55.42533	31.26125	24.16408	28.55911	4
1781.235	1785.052	1424.052	85.23257	137.895	82.71912	78.23503	47.69468	2.271611	50.03371	31.80793	18.22578	28.88242	4
1781.24	1785.057	1424.057	86.10579	197.7429	85.03197	74.56516	21.25102	10.8312	67.91778	33.53685	34.38094	28.4311	4
1781.245	1785.062	1424.062	80.78388	142.1281	79.60386	75.75698	40.42901	5.534433	54.03655	37.25347	16.78308	27.7021	4
1781.25	1785.067	1424.067	80.78388	124.8059	80.25287	75.20237	39.59112	5.985906	54.42297	34.8179	19.60507	28.19627	4
1781.255	1785.072	1424.072	82.78992	140.9027	82.71912	79.17905	30.28352	8.965389	60.7511	42.53962	18.21148	27.53925	4
1781.26	1785.077	1424.077	81.89311	155.8438	80.66588	76.33519	36.45513	6.56254	56.98233	35.28259	21.69974	27.45292	4
1781.265	1785.082	1424.082	82.84893	200.862	81.19689	71.39089	27.97366	8.656841	63.3695	26.52402	36.84548	27.72675	4
1781.27	1785.087	1424.087	83.21473	170.3811	83.43894	71.6387	20.47264	11.98677	67.54059	43.32537	24.21522	28.98603	4
1781.275	1785.092	1424.092	84.77237	172.1077	84.32396	79.53306	23.83453	10.66263	65.50284	37.36846	28.13438	27.5445	4
1781.28	1785.097	1424.097	91.0737	494.8793	87.88763	82.66012	0	24.15185	75.84815	75.84815	0	-9999	4
1781.285	1785.102	1424.102	88.18264	205.9027	89.40986	95.87639	0	20.70179	79.29821	79.29821	0	-9999	4
1781.29	1785.107	1424.107	87.59262	165.048	89.15026	93.75235	7.401533	18.8114	73.78707	54.28969	19.49738	-9999	4
1781.295	1785.112	1424.112	88.99685	175.8395	90.54268	93.19774	3.589541	20.62952	75.78094	75.78094	0	-9999	4
1781.3	1785.117	1424.117	93.58715	166.1201	95.16838	94.82617	1.444197	24.48669	74.06911	74.06911	0	-9999	4
1781.305	1785.121	1424.121	92.11212	136.5444	91.65191	92.30092	25.77974	11.33291	62.88735	32.95698	29.93037	27.26281	4
1781.31	1785.126	1424.126	90.92029	154.8552	91.62831	94.82617	13.39127	17.06994	69.53879	45.63711	23.90168	27.16291	4
1781.315	1785.131	1424.131	87.68703	186.0184	86.89641	85.77539	20.43877	11.48582	68.07541	34.01333	34.06208	27.01235	4
1781.32	1785.136	1424.136	88.56024	168.4734	88.61924	81.4329	17.29675	13.81844	68.88481	43.00396	25.88085	28.58934	4
1781.325	1785.141	1424.141	88.71365	185.0158	88.37144	74.71856	16.26173	13.47198	70.26629	38.59462	31.67167	29.68423	4
1781.33	1785.146	1424.146	88.17084	190.697	87.56902	80.90189	17.3982	12.65887	69.94294	44.17661	25.76632	28.21119	4
1781.335	1785.151	1424.151	85.51578	162.0681	82.16451	79.41506	48.07734	1.52774	50.39492	25.42197	24.97296	28.23722	4
1781.34	1785.156	1424.156	81.7397	91.16418	80.61868	78.44744	51.42567	2.439555	46.13477	32.39409	13.74069	29.41728	4
1781.345	1785.161	1424.161	79.59206	77.89406	78.40023	74.37635	57.16158	0.943351	41.89507	13.2655	28.62957	30.71114	4
1781.35	1785.166	1424.166	76.41779	57.41101	75.92218	73.83354	59.64314	0.418318	39.93854	20.47342	19.46512	30.97643	4
1781.355	1785.171	1424.171	75.94578	49.11197	75.13157	74.67136	64.55496	0	35.44504	13.78996	21.65508	30.55012	4
1781.36	1785.176	1424.176	76.33519	61.56053	75.02537	73.36153	65.02513	0	34.97487	16.77619	18.19867	30.54564	4
1781.365	1785.181	1424.181	75.74518	33.05693	75.34397	74.98996	65.42402	0	34.57598	7.736529	26.83945	30.60984	4
1781.37	1785.186	1424.186	76.28799	36.76087	76.04019	71.35549	62.83941	0	37.16059	23.42664	13.73396	31.78517	4
1781.375	1785.191	1424.191	77.14941	52.67666	77.38541	68.73584	54.44576	1.847731	43.70651	29.60145	14.10506	31.48548	4
1781.38	1785.196	1424.196	77.69222	81.41697	76.5712	71.54429	57.50818	0.996383	41.49544	19.91907	21.57637	30.74716	4
1781.385	1785.2	1424.2	77.07861	62.57703	76.5948	73.83354	57.69357	0.944572	41.36186	12.8066	28.55526	30.70088	4
1781.39	1785.205	1424.205	77.40901	68.91271	77.91642	72.74792	48.1744	3.634595	48.191	23.58713	24.60388	29.75465	4
1781.395	1785.21	1424.21	77.05501	53.84632	78.25863	76.7718	46.75049	4.066849	49.18266	20.85307	28.32959	29.21221	4
1781.4	1785.215	1424.215	80.40628	63.3568	81.24409	81.8223	44.2008	5.262468	50.53674	19.54366	30.99308	28.53995	4
1781.405	1785.22	1424.22	83.21473	82.64234	83.28553	83.82835	42.89429	5.609586	51.49613	33.34271	18.15341	28.22453	4
1781.41	1785.225	1424.225	83.92275	102.8469	84.35936	88.39504	34.5184	8.392436	57.08916	26.38965	30.69951	26.82968	4
1781.415	1785.23	1424.23	86.566	179.8219	85.72819	80.57148	23.33545	10.53213	66.13241	37.88954	28.24287	27.62415	4
1781.42	1785.235	1424.235	92.47792	257.7995	91.3451	78.32943	1.312203	16.68138	82.00642	82.00642	0	-9999	4
1781.425	1785.24	1424.24	92.15932	198.9125	91.95871	86.3536	8.631281	16.74201	74.6267	66.83027	7.796439	28.96485	4
1781.43	1785.245	1424.245	95.14478	292.5413	92.90273	81.14969	0	14.61624	85.38376	85.38376	0	-9999	4
1781.435	1785.25	1424.25	91.72271	512.7167	84.70156	78.15243	0	11.91279	88.08721	88.08721	0	-9999	4
1781.44	1785.255	1424.255	92.43072	468.3808	89.18566	84.90217	0	22.04087	77.95913	77.95913	0	-9999	4
1781.445	1785.26	1424.26	93.24494	344.7306	91.79351	88.63104	0	21.38239	78.61761	78.61761	0	-9999	4
1781.45	1785.265	1424.265	89.18566	190.9894	89.07945	89.95267	12.55282	15.01552	72.43166	52.34681	20.08485	27.29873	4
1781.455	1785.27	1424.27	82.56572	163.3631	82.88433	83.60414	22.03647	11.51473	66.4488	42.72397	23.72483	26.655	4
1781.46	1785.275	1424.275	78.94305	96.7897	78.16423	79.09645	49.98511	3.035696	46.97919	16.87585	30.10334	28.36954	4
1781.465	1785.279	1424.279	84.09975	190.3071	81.97571	82.63652	33.03524	6.823143	60.14162	29.44557	30.69604	26.04135	4
1781.47	1785.284	1424.284	86.3772	269.9278	82.73092	79.58026	23.46907	7.892386	68.63854	42.62746	26.01108	25.87109	4
1781.475	1785.289	1424.289	88.07643	350.0777	82.35332	78.86044	18.60505	6.926729	74.46823	53.19831	21.26992	25.21405	4
1781.48	1785.294	1424.294	82.95513	187.3551	79.28525	77.38541	46.78288	2.6277	50.58942	26.29123	24.29819	27.19073	4
1781.485	1785.299	1424.299	78.12883	56.38059	77.12581	78.17603	62.25078	0	37.74922	17.28643	20.46279	30.51894	4
1781.49	1785.304	1424.304	80.35907	85.74752	79.39145	82.15271	52.81781	2.159534	45.02266	17.1257	27.89696	28.69816	4
1781.495	1785.309	1424.309	83.23833	107.7762	81.6335	78.83684	49.77635	2.562679	47.66097	14.37289	33.28808	29.1411	4
1781.5	1785.314	1424.314	82.63652	106.328	80.51248	75.21417	54.70435	1.015049	44.2806	21.29231	22.98829	30.26719	4
1781.505	1785.319	1424.319	80.81928	83.14362	80.42988	73.21993	48.54341	3.544846	47.91174	22.02963	25.88211	30.07664	4
1781.51	1785.324	1424.324	85.06737	141.6129	83.95815	79.92247	36.06417	6.656749	57.27908	38.52092	18.75815	27.84232	4

1781.515	1785.329	1424.329	84.98477	125.7807	84.94937	81.29129	31.64945	8.922818	59.42773	24.88438	34.54335	27.89553	4
1781.52	1785.334	1424.334	83.09673	79.64855	84.04075	84.97297	36.95991	7.98092	55.05917	23.74234	31.31683	27.81717	4
1781.525	1785.339	1424.339	87.34482	150.0373	85.25618	82.89613	39.52073	4.568545	55.91072	34.06092	21.8498	27.77021	4
1781.53	1785.344	1424.344	88.13543	197.3947	84.65436	80.18207	38.12418	3.302839	58.57298	29.62414	28.94885	27.47648	4
1781.535	1785.349	1424.349	85.43318	122.397	85.06737	79.82806	34.61641	7.809975	57.57361	38.11209	19.46153	28.321	4
1781.54	1785.353	1424.353	81.90491	106.342	83.04953	77.10221	30.0419	9.751846	60.20625	24.26535	35.9409	28.50944	4
1781.545	1785.358	1424.358	76.937	73.56352	74.34095	71.9927	71.535	0	28.465	18.00588	10.45912	29.75644	4
1781.55	1785.363	1424.363	74.29375	42.08006	73.16093	71.6859	70.24576	0	29.75424	14.2178	15.53644	30.19346	4
1781.555	1785.368	1424.368	75.24957	44.68395	74.60056	74.06955	64.98673	0	35.01327	10.27554	24.73773	30.54126	4
1781.56	1785.373	1424.373	76.9488	44.43331	76.8426	78.23503	59.27731	0.48986	40.23283	25.54954	14.68329	30.5633	4
1781.565	1785.378	1424.378	76.98421	41.14711	77.07861	78.17603	58.48531	0.710001	40.80468	29.5874	11.21728	30.54721	4
1781.57	1785.383	1424.383	80.33547	69.48362	78.90764	77.68042	60.34201	0	39.65799	25.03807	14.61993	30.90799	4
1781.575	1785.388	1424.388	81.5273	68.81524	79.94607	78.71884	60.59615	0	39.40385	22.64763	16.75622	30.74289	4
1781.58	1785.393	1424.393	81.20869	66.8658	80.51248	80.46528	54.50214	1.767824	43.73003	23.59355	20.13649	29.86259	4
1781.585	1785.398	1424.398	83.29734	97.44416	81.12609	79.14365	56.61211	0.35184	43.03605	15.3889	27.64715	30.18115	4
1781.59	1785.403	1424.403	86.89641	144.4814	85.05557	79.15545	39.35731	4.934084	55.70861	20.87042	34.83819	28.45229	4
1781.595	1785.408	1424.408	91.2743	207.2951	87.41562	78.37663	35.76699	2.24354	61.98947	39.07835	22.91112	28.48927	4
1781.6	1785.413	1424.413	92.21832	253.0791	88.22984	78.78964	24.82474	4.660281	70.51498	31.57815	38.93683	28.02205	4
1781.605	1785.418	1424.418	90.01167	179.3346	86.5896	82.97873	40.31134	2.090235	57.59842	26.84731	30.75111	27.95134	6
1781.61	1785.423	1424.423	92.63133	215.26	91.87611	80.73668	8.539188	15.56357	75.89724	61.89156	14.00568	29.89537	6
1781.615	1785.428	1424.428	97.00922	378.3863	93.48094	80.73668	0	14.15861	85.84139	85.84139	0	-9999	6
1781.62	1785.432	1424.432	100.3841	373.7494	96.93842	93.25674	0	13.7057	86.2943	86.2943	0	-9999	6
1781.625	1785.437	1424.437	103.4049	388.8158	100.4903	100.6201	0	17.80669	82.19331	82.19331	0	-9999	6
1781.63	1785.442	1424.442	93.66975	384.2347	90.58989	79.15545	0	16.96048	83.03952	83.03952	0	-9999	6
1781.635	1785.447	1424.447	92.21832	389.9437	88.41864	75.70978	0	14.61604	85.38396	85.38396	0	-9999	6
1781.64	1785.452	1424.452	91.5457	260.292	92.00591	77.82202	0	23.5123	76.4877	76.4877	0	-9999	6
1781.645	1785.457	1424.457	87.95843	144.8991	89.66947	86.83741	10.75214	18.36167	70.88619	57.66515	13.22105	28.63538	6
1781.65	1785.462	1424.462	85.39778	85.63612	86.17659	79.48586	34.67428	9.111983	56.21374	21.59596	34.61778	29.09968	6
1781.655	1785.467	1424.467	84.91397	66.36451	85.27978	82.45952	42.98393	6.178594	50.83748	35.54846	15.28902	29.16223	6
1781.66	1785.472	1424.472	85.59838	70.37479	85.79899	83.41534	42.66411	6.231383	51.10451	17.81684	33.28767	29.02089	6
1781.665	1785.477	1424.477	85.42138	57.59203	85.82259	85.12637	44.3657	5.95426	49.68004	21.87981	27.80024	29.04149	6
1781.67	1785.482	1424.482	84.64256	51.49307	85.14997	84.54816	45.73509	5.501507	48.7634	26.19247	22.57093	29.22873	6
1781.675	1785.487	1424.487	85.00837	48.37396	85.26798	86.11759	48.07386	4.662848	47.26329	32.79976	14.46354	29.29039	6
1781.68	1785.492	1424.492	87.27402	45.74222	87.86403	87.85223	44.06569	6.829239	49.10507	19.45592	29.64914	29.08563	6
1781.685	1785.497	1424.497	89.00865	35.63298	88.90245	88.00563	50.31193	4.439756	45.24832	29.3221	15.92621	30.23252	6
1781.69	1785.502	1424.502	91.3569	40.47873	91.3923	91.67551	45.88144	6.642016	47.47654	27.45475	20.02179	29.40526	6
1781.695	1785.507	1424.507	94.28336	72.4774	94.80257	95.12118	31.69589	13.1896	55.11451	36.58658	18.52793	27.9001	6
1781.7	1785.511	1424.511	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1782.015	1785.822	1424.822	104.8446	77.69911	105.2458	104.4906	21.63044	23.83117	54.5384	30.93846	23.59993	27.33998	9
1782.02	1785.827	1424.827	95.86459	90.45402	93.96475	92.44252	44.63845	2.789775	52.57177	30.411	22.16077	29.50529	9
1782.025	1785.832	1424.832	90.31848	50.72722	89.50426	88.90245	50.94119	3.23293	45.82588	19.06473	26.76115	30.17855	9
1782.03	1785.837	1424.837	88.70185	32.93161	88.38324	88.12363	52.89405	3.290885	43.81506	26.30555	17.50951	30.54791	9
1782.035	1785.842	1424.842	88.70185	31.03787	88.85525	89.23286	49.69426	4.983245	45.32249	16.23751	29.08498	29.93913	9
1782.04	1785.847	1424.847	88.91425	31.7898	88.97325	89.09125	50.0485	4.778845	45.17266	20.03209	25.14057	30.03942	9
1782.045	1785.852	1424.852	89.10305	45.33841	89.17386	90.37748	46.50458	5.840999	47.65442	28.64024	19.01417	29.20104	9
1782.05	1785.857	1424.857	88.99685	33.90633	89.31546	89.69307	47.44836	5.995561	46.55608	28.17487	18.38121	29.59507	9
1782.055	1785.862	1424.862	89.29186	36.74695	90.01167	90.80229	43.38016	8.003411	48.61642	17.42948	31.18695	28.99074	9
1782.06	1785.867	1424.867	93.03254	42.98515	92.87913	92.64313	45.19653	6.946858	47.85661	23.90462	23.95199	29.43565	9
1782.065	1785.872	1424.872	92.78473	37.44318	93.18594	94.10636	42.46744	9.074785	48.45778	28.64768	19.8101	28.89635	9
1782.07	1785.877	1424.877	95.33358	48.02585	95.59319	96.0062	38.65891	10.98978	50.35131	17.89861	32.45271	28.53372	9
1782.075	1785.882	1424.882	96.49001	40.0053	96.3366	96.78501	42.73679	9.018867	48.24435	34.27748	13.96687	29.06928	9
1782.08	1785.887	1424.887	100.0183	69.99883	98.89726	97.71723	39.7314	7.414575	52.85403	28.0212	24.83283	29.10762	9
1782.085	1785.892	1424.892	101.7175	67.25568	100.8915	97.78803	36.54564	10.26314	53.19122	32.54335	20.64787	29.11018	9
1782.09	1785.896	1424.896	100.0773	55.99071	99.87668	98.55505	35.93383	12.59089	51.47527	24.51675	26.95852	28.60104	9
1782.095	1785.901	1424.901	100.9977	53.51213	100.7971	101.5995	35.68686	13.21535	51.09778	24.41719	26.6806	28.1768	9
1782.1	1785.906	1424.906	99.13326	45.36626	99.10966	98.85005	38.00167	12.24685	49.75148	32.84471	16.90677	28.60956	9
1782.105	1785.911	1424.911	98.59045	39.64326	98.73205	98.75565	38.6057	12.45233	48.94198	24.42862	24.51336	28.61645	9
1782.11	1785.916	1424.916	98.81465	40.54835	99.06246	99.38107	37.35733	13.40233	49.24035	20.48665	28.7537	28.40751	9
1782.115	1785.921	1424.921	97.77623	41.73194	97.76443	98.56685	40.03819	10.94607	49.01574	20.80032	28.21542	28.65673	9
1782.12	1785.926	1424.926	98.10664	30.21632	97.82343	98.43705	44.62439	8.767926	46.60769	14.8314	31.77629	29.36493	9
1782.125	1785.931	1424.931	98.30724	50.62975	98.00044	97.04462	39.68269	10.14874	50.16857	29.59221	20.57636	28.95257	9
1782.13	1785.936	1424.936	99.90028	68.80131	98.63765	97.88243	41.22718	6.366558	52.40626	20.14253	32.26373	29.23029	9
1782.135	1785.941	1424.941	100.4667	64.77711	99.32206	97.46943	40.76542	7.14898	52.0856	22.84716	29.23845	29.38935	9
1782.14	1785.946	1424.946	100.9033	52.69058	100.3251	99.21586	38.89899	10.43769	50.66332	27.47456	23.18876	28.94973	9
1782.145	1785.951	1424.951	101.2455	76.73832	100.2425	99.66427	36.05687	9.357226	54.5859	30.28488	24.30103	28.6132	9
1782.15	1785.956	1424.956	100.0655	79.32829	99.41647	98.47245	33.77217	11.15596	55.07188	26.65676	28.41512	28.38671	9
1782.155	1785.961	1424.961	99.94748	75.09522	99.56987	97.95324	32.80174	12.58633	54.61193	34.04184	20.57009	28.39723	9
1782.16	1785.966	1424.966	101.3871	60.43264	101.2101	100.1245	33.47094	14.19929	52.32977	19.74224	32.58753	28.31209	9
1782.165	1785.97	1424.97	100.7263	64.44292	100.5729	100.4903	32.9255	14.04641	53.0281	28.3574	24.6707	28.08797	9
1782.17	1785.975	1424.975	100.1363	60.182	100.2661	99.93568	32.30461	15.18567	52.50973	20.60895	31.90078	28.04755	9
1782.175	1785.98	1424.98	99.06246	50.25378	98.75565	98.89726	39.07887	10.69026	50.23086	35.45029	14.78057	28.68656	9
1782.18	1785.985	1424.985	98.11844	57.46671	97.97684	97.56383	36.92151	11.48476	51.59373	17.49642	34.09731	28.52092	9
1782.185	1785.99	1424.99	95.36898	61.36559	95.23918	92.87913	38.41603	9.806836	51.77713	31.14317	20.63397	28.98209	9

1782.19	1785.995	1424.995	93.82315	40.95217	93.97655	93.62255	42.5834	8.830037	48.58656	15.97228	32.61428	29.14118	9
1782.195	1786	1425	96.0534	42.20538	96.49001	96.72601	38.03345	12.18123	49.78531	22.33553	27.44978	28.51037	9
1782.2	1786.005	1425.005	96.89121	46.61947	97.09182	96.77321	38.02349	11.82231	50.1542	26.91988	23.23432	28.6097	9
1782.205	1786.01	1425.01	94.79077	43.15225	94.84977	95.26278	41.89239	9.177529	48.93008	31.13318	17.79691	28.92007	9
1782.21	1786.015	1425.015	92.82013	42.53957	92.84373	91.84071	44.128	7.628898	48.2431	23.0917	25.15141	29.42914	9
1782.215	1786.02	1425.02	93.22134	45.6726	93.30394	93.16234	42.54344	8.386027	49.07054	30.05745	19.01309	29.06031	9
1782.22	1786.025	1425.025	92.28912	51.06141	92.39532	92.56053	41.91408	8.253784	49.83213	27.60131	22.23082	28.87481	9
1782.225	1786.03	1425.03	90.66069	42.59527	90.61349	90.80229	46.64992	6.024778	47.3253	17.02939	30.29592	29.48352	9
1782.23	1786.035	1425.035	89.91727	37.12291	89.87007	90.24768	48.65817	5.248563	46.09326	28.12791	17.96536	29.76038	9
1782.235	1786.04	1425.04	91.67551	36.81657	91.72271	91.74631	46.38312	6.639191	46.97769	21.96666	25.01103	29.55511	9
1782.24	1786.045	1425.045	92.02951	30.80115	92.15932	92.74933	46.873	6.829616	46.29739	32.81608	13.48131	29.57394	9
1782.245	1786.049	1425.049	92.20652	29.10236	92.27732	92.57233	47.57852	6.554709	45.86677	18.51434	27.35243	29.74953	9
1782.25	1786.054	1425.054	92.82013	30.091	93.11514	93.06794	45.03716	8.090159	46.87268	16.32349	30.54919	29.45039	9
1782.255	1786.059	1425.059	92.73753	36.6634	92.98533	93.13874	43.88844	8.249164	47.8624	26.64878	21.21362	29.21854	9
1782.26	1786.064	1425.064	92.80833	34.1152	93.35114	93.30394	42.15367	9.556677	48.28965	29.33096	18.95869	29.05472	9
1782.265	1786.069	1425.069	93.43374	36.78872	93.78775	94.59017	42.39453	9.274457	48.33101	27.88254	20.44847	28.91832	9
1782.27	1786.074	1425.074	93.52815	41.87119	93.82315	94.40136	41.53498	9.391936	49.07308	23.38162	25.69147	28.83132	9
1782.275	1786.079	1425.079	91.97051	36.46846	92.13572	92.51332	45.28144	7.337208	47.38136	26.05726	21.32409	29.34751	9
1782.28	1786.084	1425.084	91.1917	27.94662	91.4749	91.98231	47.14571	6.793564	46.06072	34.10904	11.95169	29.63157	9
1782.285	1786.089	1425.089	90.28308	25.18955	90.36568	90.03527	50.20353	5.185803	44.61066	24.84157	19.76909	30.25298	9
1782.29	1786.094	1425.094	89.26826	25.25917	89.40986	89.33906	50.66306	4.858598	44.47834	23.75121	20.72714	30.24755	9
1782.295	1786.099	1425.099	89.28006	29.52009	89.52786	90.24768	48.79799	5.580224	45.62178	17.02414	28.59764	29.77324	9
1782.3	1786.104	1425.104	92.27732	44.60041	92.64313	92.64313	41.47656	9.026384	49.49706	25.82601	23.67105	28.89829	9
1782.305	1786.109	1425.109	92.56053	45.25486	92.92633	93.98835	41.05763	9.27044	49.67193	34.12161	15.55032	28.65556	9
1782.31	1786.114	1425.114	90.20048	34.74181	90.01167	90.03527	50.07127	4.65355	45.27518	18.51488	26.7603	30.07385	9
1782.315	1786.119	1425.119	92.94993	41.92689	93.00893	95.15658	43.88249	7.840474	48.27703	27.94973	20.3273	28.82142	9
1782.32	1786.124	1425.124	96.1596	53.02477	96.56081	96.1006	35.59181	12.80059	51.6076	23.82582	27.78178	28.37711	9
1782.325	1786.128	1425.128	98.18924	45.32448	98.94446	101.0921	32.84445	16.38769	50.76785	36.0482	14.71966	27.611	9
1782.33	1786.133	1425.133	98.09484	47.05113	98.69665	98.67305	33.70233	15.42096	50.87671	29.2492	21.6275	28.09768	9
1782.335	1786.138	1425.138	97.33962	59.58325	97.78803	99.73507	32.55323	14.57748	52.86929	36.34772	16.52157	27.66248	9
1782.34	1786.143	1425.143	97.84703	52.64881	98.82645	102.2485	29.64921	17.95249	52.3983	26.02441	26.37389	27.15261	9
1782.345	1786.148	1425.148	98.30724	71.86472	99.19226	101.2101	25.30718	19.15186	55.54096	28.51606	27.0249	27.216	9
1782.35	1786.153	1425.153	98.29544	49.87782	98.96806	101.0921	32.285	16.2731	51.4419	26.31331	25.12859	27.57554	9
1782.355	1786.158	1425.158	97.87063	42.65097	98.29544	98.41345	36.34521	13.78609	49.8687	19.8069	30.0618	28.33597	9
1782.36	1786.163	1425.163	99.06246	55.04383	99.56987	99.80587	31.6095	16.33314	52.05736	37.85318	14.20418	27.86688	9
1782.365	1786.168	1425.168	102.1895	64.38722	102.4845	102.8621	28.11763	18.80608	53.07628	37.10805	15.96824	27.53902	9
1782.37	1786.173	1425.173	102.7795	70.01275	103.0863	102.2839	26.12199	19.95203	53.92598	40.32417	13.60181	27.63691	9
1782.375	1786.178	1425.178	103.6646	97.55555	103.9006	103.0863	19.19113	22.27482	58.53406	29.9619	28.57215	27.53923	9
1782.38	1786.183	1425.183	101.1275	141.5572	101.6939	99.80587	8.316165	24.8522	66.83163	66.12793	0.7037	28.36599	9
1782.385	1786.188	1425.188	99.25126	156.1084	99.03886	86.88461	12.55674	18.59201	68.85124	48.96293	19.88831	30.12781	9
1782.39	1786.193	1425.193	95.22738	123.0375	93.16234	88.66645	38.61981	4.039449	57.34074	22.87137	34.46937	29.11025	9
1782.395	1786.198	1425.198	93.98835	102.9583	92.34812	91.76991	41.32662	4.412831	54.26055	21.01617	33.24438	28.6789	9
1782.4	1786.202	1425.202	92.35992	97.66695	90.70789	89.89367	44.19673	3.577947	52.22532	28.97075	23.25457	28.95967	9
1782.405	1786.207	1425.207	87.53362	60.04276	86.4362	85.14997	53.44375	1.860585	44.69567	13.02163	31.67403	30.42879	9
1782.41	1786.212	1425.212	86.83741	29.47832	86.83741	86.5424	52.97583	3.365627	43.65854	22.08143	21.57711	30.52846	9
1782.415	1786.217	1425.217	87.91123	25.76046	87.87583	87.92303	53.16199	3.500183	43.33782	25.89358	17.44424	30.58361	9
1782.42	1786.222	1425.222	89.77567	28.615	89.90547	90.36568	49.47559	5.323169	45.20125	14.16484	31.03641	29.94453	9
1782.425	1786.227	1425.227	90.58989	35.88362	90.90849	91.81711	45.50427	7.099643	47.39609	15.5815	31.81459	29.25245	9
1782.43	1786.232	1425.232	91.84071	31.41384	91.81711	92.23012	48.0873	6.054389	45.85831	28.79506	17.06325	29.77686	9
1782.435	1786.237	1425.237	93.37474	30.07708	93.29214	93.96475	47.45675	6.627707	45.91555	18.82208	27.09347	29.68373	9
1782.44	1786.242	1425.242	95.38078	48.49929	94.92057	95.21558	44.07948	7.185957	48.73457	18.46571	30.26886	29.23029	9
1782.445	1786.247	1425.247	95.9708	59.06804	95.00318	93.69335	44.91146	5.529156	49.55939	31.10185	18.45754	29.63822	9
1782.45	1786.252	1425.252	96.018	51.49307	95.43978	94.42496	43.68326	7.13183	49.18491	33.26451	15.9204	29.43114	9
1782.455	1786.257	1425.257	98.99166	60.65544	97.96504	97.29242	42.20537	6.828529	50.9661	24.35867	26.60743	29.2874	9
1782.46	1786.262	1425.262	100.8679	71.30774	99.90028	98.47245	37.44412	9.002648	53.55323	28.1104	25.44283	28.89649	9
1782.465	1786.267	1425.267	98.27184	64.3733	97.91784	96.72601	36.75512	10.76029	52.48459	37.4048	15.07979	28.65442	9
1782.47	1786.272	1425.272	96.49001	47.69166	96.3012	96.254	41.15104	9.337082	49.51188	27.75011	21.76177	28.93114	9
1782.475	1786.277	1425.277	98.76745	65.59866	98.63765	98.41345	34.26504	12.62346	53.11151	18.84447	34.26704	28.22826	9
1782.48	1786.281	1425.281	101.0803	96.35804	101.4225	102.6025	21.03537	20.09721	58.86742	27.88235	30.98507	27.27652	9
1782.485	1786.286	1425.286	99.27486	69.62286	98.94446	97.95324	34.37905	12.00842	53.61254	34.76223	18.85031	28.40023	9
1782.49	1786.291	1425.291	97.84703	87.66911	96.82041	95.45159	36.72112	8.054865	55.22402	39.47644	15.74757	28.66918	9
1782.495	1786.296	1425.296	96.61981	67.93799	95.80559	94.93237	40.97896	7.286665	51.73437	26.77593	24.95844	29.02837	9
1782.5	1786.301	1425.301	100.0065	71.12672	99.75867	99.45187	32.70186	13.23511	54.06303	32.70039	21.36263	28.12815	9
1782.505	1786.306	1425.306	104.2782	117.8994	102.2721	99.75867	31.07926	6.279447	62.64129	36.13041	26.51088	28.92706	9
1782.51	1786.311	1425.311	105.6116	84.98167	104.7502	101.4697	28.94776	14.10342	56.94882	36.94525	20.00357	28.55562	9
1782.515	1786.316	1425.316	106.2488	91.73508	105.47	105.6234	26.08703	15.82731	58.08566	39.87823	18.20742	27.74395	9
1782.52	1786.321	1425.321	103.1571	88.0033	102.3429	100.6791	30.10881	12.7782	57.11299	31.45395	25.65904	28.32242	9
1782.525	1786.326	1425.326	103.4521	82.9626	102.8267	102.9565	29.59402	14.13289	56.27309	30.68592	25.58717	27.90197	9
1782.53	1786.331	1425.331	106.2134	96.26057	105.4228	106.6972	25.11588	15.99614	58.88797	32.79782	26.09015	27.51533	9
1782.535	1786.336	1425.336	104.9862	109.2522	104.2428	102.3193	22.73515	16.22868	61.03617	27.41395	33.62222	28.07182	9
1782.54	1786.341	1425.341	104.9154	106.0356	104.113	105.057	24.03596	15.45758	60.50646	38.41752	22.08894	27.58666	9
1782.545	1786.346	1425.346	100.5729	74.58001	100.3605	99.06246	31.07071	14.1856	54.74368	27.83677	26.90691	28.18487	9
1782.55	1786.351	1425.351	101.1629	72.95083	100.6673	100.0065	33.11701	12.58026	54.30273	29.07225	25.23049	28.26742	9

1782.555	1786.355	1425.355	104.88	84.68925	104.5496	104.4788	25.57627	17.97733	56.44639	34.47104	21.97535	27.61065	9
1782.56	1786.36	1425.36	107.063	152.3627	105.8004	106.237	14.4156	16.19405	69.39035	53.44043	15.94992	28.01474	9
1782.565	1786.365	1425.365	104.408	125.6275	103.5702	100.2661	20.0359	16.08315	63.88095	36.15551	27.72544	28.37029	9
1782.57	1786.37	1425.37	106.1308	112.7473	105.883	102.7677	16.99531	21.93242	61.07227	34.2974	26.77487	28.05888	9
1782.575	1786.375	1425.375	107.9008	82.34992	107.5468	105.6116	23.5461	20.88828	55.56562	35.23211	20.33351	27.71986	9
1782.58	1786.38	1425.38	107.6884	85.97031	107.3462	105.9774	22.77393	21.00223	56.22384	33.7061	22.51774	27.61572	9
1782.585	1786.385	1425.385	111.0397	88.32356	110.6503	110.6149	19.48708	24.84479	55.66813	34.8112	20.85693	27.05159	9
1782.59	1786.39	1425.39	113.5178	81.59799	113.1991	114.9102	18.28615	28.86831	52.84554	25.77046	27.07508	26.2842	10
1782.595	1786.395	1425.395	118.8515	72.4217	119.1701	122.5567	10.6614	48.97506	40.36354	31.6792	8.684341	23.81451	10
1782.6	1786.4	1425.4	121.6245	63.32896	121.8959	123.312	10.67644	55.14581	34.17775	27.57326	6.604492	23.08297	10
1782.605	1786.405	1425.405	124.846	53.48428	124.9758	124.9522	11.19252	61.39554	27.41193	19.90831	7.503622	22.03393	10
1782.61	1786.41	1425.41	127.9731	55.39195	128.6575	129.8375	3.55573	88.27324	8.171029	8.171029	0	-9999	10
1782.615	1786.415	1425.415	133.7552	47.38532	134.4396	135.1004	0.146341	84.20815	15.64551	15.64551	0	-9999	10
1782.62	1786.42	1425.42	136.1624	61.00355	137.2834	138.2983	0	100	0	0	0	-9999	10
1782.625	1786.425	1425.425	137.7319	63.74669	138.9001	140.5757	0	100	0	0	0	-9999	10
1782.63	1786.43	1425.43	133.1416	63.95556	133.9912	134.416	0	100	0	0	0	-9999	10
1782.635	1786.434	1425.434	128.2799	89.75779	129.4599	130.2033	0	100	0	0	0	-9999	10
1782.64	1786.439	1425.439	130.6635	92.69588	132.4099	133.8968	0	100	0	0	0	-9999	10
1782.645	1786.444	1425.444	130.6517	82.94868	131.1709	131.0175	0	98.02505	1.974952	1.974952	0	-9999	10
1782.65	1786.449	1425.449	127.383	81.69547	128.2327	129.0705	0	91.95686	8.043142	8.043142	0	-9999	10
1782.655	1786.454	1425.454	126.9346	65.48726	127.2178	128.7047	5.177375	73.507	21.31563	16.27904	5.036588	-9999	10
1782.66	1786.459	1425.459	121.2823	89.91096	121.9195	122.4977	1.723415	63.32973	34.94685	34.94685	0	-9999	10
1782.665	1786.464	1425.464	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1783.01	1786.805	1425.805	119.8781	77.94976	120.4563	119.0757	6.367177	56.97804	36.65478	36.65478	0	-9999	10
1783.015	1786.81	1425.81	121.1879	96.7897	121.4121	121.9903	3.346425	55.19407	41.45951	36.96057	4.498936	-9999	10
1783.02	1786.815	1425.815	120.6097	74.39899	120.6569	120.5035	10.66871	48.66593	40.66536	25.57845	15.0869	24.33846	10
1783.025	1786.819	1425.819	117.7776	89.08941	116.928	117.1758	16.66946	28.27242	55.05811	30.14657	24.91154	26.54353	10
1783.03	1786.824	1425.824	118.4739	130.2226	116.928	118.5093	11.47038	20.86966	67.65997	48.31391	19.34606	27.6174	10
1783.035	1786.829	1425.829	116.7864	162.6529	115.5828	115.0518	2.522573	26.47184	71.00559	71.00559	0	-9999	10
1783.04	1786.834	1425.834	118.0726	174.5445	116.4324	114.2612	1.845201	21.99665	76.15815	76.15815	0	-9999	10
1783.045	1786.839	1425.839	117.6714	172.2748	115.807	113.3644	4.501167	18.09628	77.40255	75.69139	1.711164	-9999	10
1783.05	1786.844	1425.844	116.2082	185.169	115.512	115.2878	0	34.73507	65.26493	65.26493	0	-9999	10
1783.055	1786.849	1425.849	118.5211	241.8141	117.5298	116.9044	0	37.40156	62.59844	62.59844	0	-9999	10
1783.06	1786.854	1425.854	119.6185	209.9129	118.6155	111.4173	0	36.68447	63.31553	63.31553	0	-9999	10
1783.065	1786.859	1425.859	126.0732	223.3362	125.0466	117.5534	0	48.6511	51.3489	51.3489	0	-9999	10
1783.07	1786.864	1425.864	122.0729	196.5175	120.8221	115.0518	0	34.95369	65.04631	65.04631	0	-9999	10
1783.075	1786.869	1425.869	125.2472	192.1173	125.1882	125.0466	0	67.53323	32.46677	32.46677	0	-9999	10
1783.08	1786.874	1425.874	129.0705	151.6386	130.5337	132.7994	0	100	0	0	0	-9999	10
1783.085	1786.879	1425.879	131.8317	117.4398	132.3037	136.422	0	100	0	0	0	-9999	10
1783.09	1786.884	1425.884	131.3479	169.8659	130.4629	128.5631	0	61.99753	38.00247	38.00247	0	-9999	10
1783.095	1786.889	1425.889	129.0233	178.6662	130.3213	134.6638	0	100	0	0	0	-9999	10
1783.1	1786.894	1425.894	124.3504	162.5972	125.9198	129.9555	0	100	0	0	0	-9999	10
1783.105	1786.898	1425.898	119.5595	102.819	119.4297	119.2881	6.12904	44.74274	49.12822	47.27819	1.850027	-9999	10
1783.11	1786.903	1425.903	120.0551	72.18498	119.8899	118.6391	13.36088	43.17162	43.4675	32.35033	11.11717	25.0406	10
1783.115	1786.908	1425.908	120.1023	100.8557	119.7483	115.8188	7.842374	41.74752	50.41011	50.41011	0	-9999	10
1783.12	1786.913	1425.913	121.5419	124.054	120.9873	116.2908	2.458599	42.59595	54.94545	54.94545	0	-9999	10
1783.125	1786.918	1425.918	120.6215	150.5943	119.5831	113.3172	0.632175	33.60729	65.76054	65.76054	0	-9999	10
1783.13	1786.923	1425.923	119.3235	109.9345	118.5683	116.397	9.471174	33.73446	56.79437	46.63572	10.15864	26.88158	10
1783.135	1786.928	1425.928	120.1495	125.349	118.8161	117.3292	9.462071	25.98296	64.55497	58.49529	6.059677	27.69855	10
1783.14	1786.933	1425.933	116.6212	141.5154	114.7214	112.0427	13.1855	14.776	72.0385	52.81221	19.22629	28.99624	10
1783.145	1786.938	1425.938	117.6832	160.7313	115.4648	111.9955	10.02739	12.05382	77.91879	66.32427	11.59452	29.7771	10
1783.15	1786.943	1425.943	118.8869	156.2059	117.046	114.4264	7.088759	18.2949	74.61634	58.4682	16.14814	-9999	10
1783.155	1786.948	1425.948	117.1994	158.0021	114.863	113.5768	12.04748	9.954476	77.99804	56.60579	21.39225	29.40916	10
1783.16	1786.953	1425.953	115.2878	92.77943	114.3792	111.3465	18.5244	24.15345	57.32215	44.35554	12.9666	27.62131	10
1783.165	1786.958	1425.958	112.2197	67.22784	112.0899	112.3967	21.49468	28.27066	50.23466	19.19824	31.03642	26.52162	10
1783.17	1786.963	1425.963	111.4999	70.68113	111.6061	111.9955	19.49218	30.23739	50.27043	35.82337	14.44705	26.39493	10
1783.175	1786.968	1425.968	110.7447	79.71818	110.6267	108.7151	19.7376	26.99434	53.26806	30.92072	22.34734	27.17173	10
1783.18	1786.972	1425.972	111.0161	91.41482	110.8627	110.0367	16.93167	27.77298	55.29535	41.44546	13.84989	27.02106	10
1783.185	1786.977	1425.977	111.7241	91.54014	111.5117	108.2666	16.70723	28.13241	55.16036	36.02127	19.13909	27.42273	10
1783.19	1786.982	1425.982	111.4173	87.27922	111.1577	109.4703	18.38644	26.82642	54.78714	42.08117	12.70597	27.18812	10
1783.195	1786.987	1425.987	112.7507	106.1331	112.4439	111.9365	12.96286	29.49421	57.54293	40.23737	17.30556	27.01712	9
1783.2	1786.992	1425.992	110.2255	112.8169	109.4585	105.8948	17.23524	21.25867	61.50609	44.8383	16.66779	28.17078	9
1783.205	1786.997	1425.997	106.237	122.2438	104.2546	100.1953	28.04286	7.42191	64.53522	46.56025	17.97497	29.15293	9
1783.21	1787.002	1426.002	103.4403	106.0495	102.7205	100.6909	24.74945	14.94298	60.30757	37.20888	23.09869	28.12996	9
1783.215	1787.007	1426.007	101.3871	78.95233	101.1629	99.80587	29.35498	15.10817	55.53684	25.88228	29.65457	28.07786	9
1783.22	1787.012	1426.012	96.61981	87.30707	95.75839	93.46914	36.65745	8.333676	55.00887	35.28652	19.72235	28.76085	9
1783.225	1787.017	1426.017	95.16838	106.9268	94.76717	91.5103	29.67817	11.31291	59.00891	41.21781	17.79111	28.33692	9
1783.23	1787.022	1426.022	94.73177	92.94652	94.87337	92.12392	29.25629	12.93119	57.81252	33.19617	24.61635	28.26582	9
1783.235	1787.027	1426.027	93.33934	58.45535	93.25674	92.12392	40.62177	8.520962	50.85727	22.73738	28.11988	28.94236	9
1783.24	1787.032	1426.032	89.63407	47.45494	89.84647	90.43648	44.40643	6.852479	48.74109	19.76059	28.9805	29.03843	9
1783.245	1787.037	1426.037	87.22682	33.79494	87.23862	86.77841	51.4815	3.883794	44.6347	24.57172	20.06298	30.27313	9
1783.25	1787.042	1426.042	85.73999	35.91147	85.69278	85.59838	52.79444	3.141837	44.06372	20.03517	24.02855	30.32415	9
1783.255	1787.047	1426.047	87.60442	65.40372	87.04981	87.54542	47.87447	4.152214	47.97332	25.53381	22.43951	29.20263	9

1783.26	1787.051	1426.051	91.4749	95.87068	89.66947	88.44224	46.63452	2.615062	50.75042	22.8917	27.85872	29.2792	9
1783.265	1787.056	1426.056	91.5103	70.16592	90.84949	89.76387	43.95167	5.683326	50.365	24.18098	26.18402	29.15658	9
1783.27	1787.061	1426.061	89.32726	45.95109	89.03225	88.46584	48.98506	4.550593	46.46435	20.82951	25.63484	29.86072	9
1783.275	1787.066	1426.066	91.93511	113.1093	89.69307	88.30064	45.4231	2.079091	52.49781	25.99692	26.50089	29.02538	9
1783.28	1787.071	1426.071	88.40684	49.57148	87.84043	88.02923	51.0591	3.356504	45.5844	19.62503	25.95937	29.94898	9
1783.285	1787.076	1426.076	87.80503	41.4256	87.51002	86.6368	51.48068	3.55264	44.96668	19.418	25.54869	30.27924	9
1783.29	1787.081	1426.081	87.87583	64.59609	87.62802	87.67523	45.44247	5.320711	49.23682	16.16742	33.0694	29.0091	9
1783.295	1787.086	1426.086	89.28006	57.27177	89.26826	88.64285	44.09403	6.412623	49.49335	17.7538	31.73955	29.11634	9
1783.3	1787.091	1426.091	89.89367	61.0871	89.97627	90.82589	41.87458	7.387423	50.738	26.91422	23.82377	28.58742	9
1783.305	1787.096	1426.096	89.61046	44.58648	89.89367	90.66069	44.5736	6.935591	48.49081	19.14305	29.34776	29.05237	9
1783.31	1787.101	1426.101	89.19746	45.64475	89.52786	90.80229	44.33166	6.953522	48.71482	19.07747	29.63734	28.90945	9
1783.315	1787.106	1426.106	90.17688	73.73061	89.56326	88.26524	43.94996	5.537463	50.51257	17.1279	33.38467	29.09391	9
1783.32	1787.111	1426.111	93.30394	142.7686	90.82589	87.67523	38.81526	3.231988	57.95275	35.65609	22.29666	28.52753	9
1783.325	1787.116	1426.116	95.89999	208.3534	91.91151	89.06765	32.26122	0.747423	66.99135	32.63419	34.35717	27.87777	9
1783.33	1787.121	1426.121	95.47519	159.13	92.53693	87.41562	36.42488	2.335622	61.23949	35.18009	26.05941	28.83257	9
1783.335	1787.126	1426.126	95.9472	130.515	94.24796	88.87885	33.31302	6.533148	60.15383	28.85839	31.29545	28.86957	9
1783.34	1787.13	1426.13	96.43101	117.3424	96.98562	92.70213	18.58838	18.27268	63.13894	48.5985	14.54044	28.40286	9
1783.345	1787.135	1426.135	92.27732	63.83024	92.28912	90.02347	39.5665	8.669745	51.76376	26.91271	24.85105	28.97934	9
1783.35	1787.14	1426.14	93.89395	80.13591	93.64615	91.0737	36.14516	9.515515	54.33932	22.66339	31.67594	28.68177	9
1783.355	1787.145	1426.145	93.32754	64.63787	93.04434	93.20954	40.69114	7.96088	51.34798	36.51697	14.831	28.67253	9
1783.36	1787.15	1426.15	91.58111	55.35018	91.64011	92.97353	41.89338	7.885883	50.22074	30.78145	19.43929	28.59775	9
1783.365	1787.155	1426.155	92.44252	96.17702	90.77869	88.51304	44.57275	3.447303	51.97994	34.47007	17.50988	29.28495	9
1783.37	1787.16	1426.16	95.46339	149.5778	93.57535	85.12637	30.60817	6.745881	62.64595	34.39088	28.25507	29.15913	9
1783.375	1787.165	1426.165	94.14176	164.0593	91.66371	84.40656	32.89212	4.737348	62.37053	40.8165	21.55403	28.81244	9
1783.38	1787.17	1426.17	94.16536	138.5495	92.41892	87.93483	33.37377	6.367266	60.25896	37.31945	22.93951	28.51229	9
1783.385	1787.175	1426.175	96.44281	147.9347	94.12996	87.74603	33.397	4.687439	61.91556	38.39219	23.52338	29.03131	9
1783.39	1787.18	1426.18	97.41043	133.1607	95.18018	91.66371	35.44193	4.26541	60.29266	23.48359	36.80907	28.81441	9
1783.395	1787.185	1426.185	98.22464	169.6988	96.49001	89.64587	22.00965	9.665825	68.32452	40.41131	27.91321	28.86556	9
1783.4	1787.19	1426.19	98.89726	141.4319	98.34264	92.30092	19.08625	15.15544	65.75832	38.61046	27.14785	28.76414	9
1783.405	1787.195	1426.195	98.44885	160.1604	97.51663	94.48397	17.89294	13.82435	68.28271	54.10736	14.17536	28.22687	9
1783.41	1787.2	1426.2	99.60527	149.0347	99.91208	96.4192	9.919005	21.87736	68.20363	50.53436	17.66927	28.63709	9
1783.415	1787.204	1426.204	100.1835	151.1652	100.9623	105.234	5.213404	25.93686	68.84973	60.70726	8.142473	-9999	9
1783.42	1787.209	1426.209	97.69363	188.9982	98.13024	88.15904	1.00057	23.57112	75.42831	75.42831	0	-9999	9
1783.425	1787.214	1426.214	103.7118	194.582	103.877	95.13298	0	28.29355	71.70645	71.70645	0	-9999	9
1783.43	1787.219	1426.219	107.9716	140.0673	108.1722	110.8627	5.215127	30.47386	64.31102	52.22906	12.08195	-9999	9
1783.435	1787.224	1426.224	108.302	115.4904	108.2666	107.8772	12.68779	26.85331	60.4589	46.77396	13.68494	27.39777	9
1783.44	1787.229	1426.229	111.4173	127.2149	111.3465	113.3408	7.258779	31.77961	60.96161	58.31002	2.651589	-9999	10
1783.445	1787.234	1426.234	111.7595	120.9488	111.6061	111.5353	9.100498	30.88758	60.01193	49.09907	10.91286	27.2051	10
1783.45	1787.239	1426.239	111.2403	105.4369	111.6769	111.3701	8.759475	36.15414	55.08639	43.93497	11.15141	26.75267	10
1783.455	1787.244	1426.244	111.8539	95.63396	112.4085	111.8539	9.652734	38.13692	52.21035	42.72916	9.481186	26.45233	10
1783.46	1787.249	1426.249	113.0929	106.885	113.5178	115.3114	6.796046	39.68857	53.51539	46.61148	6.903909	-9999	10
1783.465	1787.254	1426.254	114.568	104.2393	114.8394	115.4766	7.268145	40.4048	52.32706	41.46496	10.8621	-9999	10
1783.47	1787.259	1426.259	114.627	88.51851	114.686	113.0339	12.66444	36.43436	50.9012	39.9015	10.9997	26.38778	10
1783.475	1787.264	1426.264	115.4176	99.79741	115.0518	112.4321	12.49985	32.53856	54.96159	35.15377	19.80782	26.99662	10
1783.48	1787.269	1426.269	116.5504	101.4962	116.633	114.214	7.571369	41.56185	50.86678	33.96487	16.90191	-9999	10
1783.485	1787.274	1426.274	115.6418	80.19161	115.7716	115.1934	13.1972	38.93345	47.86934	27.82739	20.04195	25.78569	10
1783.49	1787.279	1426.279	116.161	100.605	115.7716	113.2464	11.80336	33.51923	54.67741	50.36833	4.309073	26.89362	10
1783.495	1787.283	1426.283	119.3825	141.8357	119.5241	117.164	0	51.84718	48.15282	48.15282	0	-9999	10
1783.5	1787.288	1426.288	117.0814	111.2573	117.5534	115.3704	1.702735	49.68874	48.60852	48.60852	0	-9999	10
1783.505	1787.293	1426.293	117.6242	106.4255	117.0342	113.3644	10.60332	33.32931	56.06737	48.76533	7.302038	27.17569	10
1783.51	1787.298	1426.298	119.8427	134.9987	121.2233	122.0139	0	76.20643	23.79357	23.79357	0	-9999	10
1783.515	1787.303	1426.303	121.9549	120.4058	122.7101	125.8254	0	70.11504	29.88496	29.88496	0	-9999	10
1783.52	1787.308	1426.308	122.4151	118.888	122.9816	123.9964	0	67.56429	32.43571	32.43571	0	-9999	10
1783.525	1787.313	1426.313	122.2853	127.2984	123.194	126.2266	0	75.06587	24.93413	24.93413	0	-9999	10
1783.53	1787.318	1426.318	119.6893	98.50243	120.4445	123.0052	0.195352	61.14079	38.66386	38.66386	0	-9999	10
1783.535	1787.323	1426.323	116.161	69.20512	116.5504	114.9574	13.36632	43.30336	43.33032	35.45832	7.871994	25.3938	10
1783.54	1787.328	1426.328	115.4294	74.69141	115.4058	116.0194	15.91254	35.85726	48.2302	29.84804	18.38216	25.72838	10
1783.545	1787.333	1426.333	115.8424	75.22054	115.9486	116.1374	14.39855	38.65937	46.94208	33.42403	13.51805	25.56144	10
1783.55	1787.338	1426.338	116.5032	74.21797	116.9634	117.1286	11.28967	45.57087	43.13946	30.5341	12.60536	24.96375	10
1783.555	1787.343	1426.343	119.6067	80.60935	119.9489	122.1437	7.802286	51.96781	40.2299	33.08804	7.14186	-9999	10
1783.56	1787.348	1426.348	122.5213	66.44806	123.0288	123.6542	7.267505	63.11113	29.62137	29.62137	0	-9999	10
1783.565	1787.353	1426.353	124.4448	68.88486	124.846	125.849	5.731302	67.48895	26.77975	26.77975	0	-9999	10
1783.57	1787.358	1426.358	126.4154	79.02195	126.616	124.0908	3.019819	70.31144	26.66874	26.66874	0	-9999	10
1783.575	1787.362	1426.362	127.3948	82.85121	128.0085	129.4127	0	85.52966	14.47034	14.47034	0	-9999	10
1783.58	1787.367	1426.367	127.6898	136.0431	126.2266	123.8666	0.94295	35.09989	63.95716	63.95716	0	-9999	10
1783.585	1787.372	1426.372	123.5008	66.87972	123.6306	123.194	9.188436	58.02045	32.79111	20.18225	12.60886	22.97639	10
1783.59	1787.377	1426.377	120.7277	68.41142	120.9047	120.3855	11.00317	51.07407	37.92277	31.80511	6.117653	24.03487	10
1783.595	1787.382	1426.382	117.6242	76.11171	118.1435	118.6863	9.342781	49.49256	41.16466	26.73907	14.42558	24.52494	10
1783.6	1787.387	1426.387	116.869	73.56352	116.9988	117.8248	13.67216	41.1136	45.21425	22.91994	22.2943	25.13571	10
1783.605	1787.392	1426.392	116.0194	70.68113	116.043	115.8188	15.97441	37.465	46.56059	35.74534	10.81525	25.65047	10
1783.61	1787.397	1426.397	115.335	80.05237	115.3232	114.4972	14.61058	36.20924	49.18017	40.13916	9.04101	26.05433	10
1783.615	1787.402	1426.402	114.4736	73.24325	114.1314	113.7302	19.61155	29.51342	50.87503	25.08014	25.79489	26.49182	10
1783.62	1787.407	1426.407	114.4382	78.38142	114.4028	114.6388	16.02293	34.06427	49.9128	29.90779	20.005	26.05358	10

1783.625	1787.412	1426.412	113.8836	72.63057	113.6004	113.7066	19.84537	29.31748	50.83715	22.11279	28.72436	26.43436	10
1783.63	1787.417	1426.417	114.3438	73.84201	114.1668	112.4203	18.30574	31.61897	50.07529	33.80454	16.27075	26.56726	10
1783.635	1787.422	1426.422	113.3644	66.97719	113.2464	114.7096	20.41083	30.27866	49.31051	28.79888	20.51163	26.07503	10
1783.64	1787.427	1426.427	113.6358	76.13956	113.2936	113.978	19.68143	28.37274	51.94583	31.32975	20.61608	26.44984	10
1783.645	1787.432	1426.432	111.9837	62.21499	111.8067	112.4793	23.29072	26.9791	49.73018	33.89062	15.83956	26.55583	10
1783.65	1787.436	1426.436	111.5943	59.58325	111.4173	112.9749	24.28586	26.20796	49.50618	23.72137	25.7848	26.47387	10
1783.655	1787.441	1426.441	111.9365	54.22228	111.7949	111.9365	24.99403	26.80158	48.20439	26.70447	21.49992	26.65687	10
1783.66	1787.446	1426.446	111.3701	60.11238	111.2757	112.6209	23.72392	26.89397	49.38211	27.58299	21.79913	26.45444	10
1783.665	1787.451	1426.451	111.3229	59.31868	111.4409	111.2993	22.31328	29.31794	48.36877	35.80622	12.56255	26.5018	10
1783.67	1787.456	1426.456	111.3111	59.61109	111.1341	112.6563	24.53967	25.78541	49.67492	35.48144	14.19348	26.53087	10
1783.675	1787.461	1426.461	110.7329	57.21607	110.4261	111.1223	26.65719	23.28154	50.06127	30.96008	19.10119	26.95617	10
1783.68	1787.466	1426.466	111.0751	65.20877	110.9099	110.0957	23.31071	25.95278	50.73651	33.48841	17.2481	26.96508	10
1783.685	1787.471	1426.471	112.3849	75.23446	111.8303	109.6473	22.69736	23.78996	53.51268	23.84241	29.67027	27.42147	10
1783.69	1787.476	1426.476	111.8539	98.02899	110.9453	109.9069	20.41317	20.42319	59.16364	31.30652	27.85712	27.63298	10
1783.695	1787.481	1426.481	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1784.005	1787.787	1426.787	121.7779	47.80306	121.8723	123.7958	15.66435	50.93582	33.39983	23.16008	10.23975	23.06028	10
1784.01	1787.792	1426.792	119.4651	60.02883	118.7099	116.9044	21.41807	30.60963	47.9723	21.24693	26.72536	26.29071	10
1784.015	1787.797	1426.797	117.164	61.81118	116.3262	115.0046	23.74387	25.69866	50.55747	27.66177	22.89569	26.87153	10
1784.02	1787.802	1426.802	114.627	65.61259	114.214	113.7066	21.86575	28.26568	49.86857	35.49978	14.36878	26.56381	10
1784.025	1787.807	1426.807	115.4766	53.53998	115.276	115.1934	22.35954	31.92167	45.7188	17.12241	28.59638	26.00691	10
1784.03	1787.812	1426.812	116.515	55.43372	116.4678	116.751	19.75703	36.35607	43.8869	24.37658	19.51032	25.43881	10
1784.035	1787.817	1426.817	119.9489	74.70533	120.0551	119.7011	10.74527	48.10209	41.15265	36.26896	4.883691	24.49498	10
1784.04	1787.821	1426.821	119.6185	58.38573	119.6185	119.2173	15.82165	44.22936	39.94899	32.75293	7.196052	24.57352	10
1784.045	1787.826	1426.826	119.9489	60.87823	119.9253	120.0669	15.09739	44.76633	40.13628	21.03485	19.10142	24.42961	10
1784.05	1787.831	1426.831	118.3441	59.23513	117.9192	116.7864	20.08083	34.14078	45.77838	23.45282	22.32557	25.84264	10
1784.055	1787.836	1426.836	120.2675	62.82767	119.8073	119.5005	17.71623	37.58388	44.69989	23.5851	21.11479	25.23695	10
1784.06	1787.841	1426.841	119.5241	60.41872	119.0285	117.518	19.2575	35.28773	45.45477	31.9356	13.51917	25.72548	10
1784.065	1787.846	1426.846	115.3822	58.06547	115.1108	115.2878	21.89993	31.02762	47.07245	17.90736	29.16509	26.08132	10
1784.07	1787.851	1426.851	113.7538	61.47699	113.0575	111.9483	25.86477	22.89386	51.24138	38.2573	12.98407	27.2536	10
1784.075	1787.856	1426.856	114.4382	59.40223	113.8482	114.4264	24.91413	25.12688	49.95898	20.9193	29.03968	26.67466	10
1784.08	1787.861	1426.861	116.1846	74.78888	115.2052	116.1138	22.60176	23.09307	54.30517	25.09166	29.21351	26.8299	10
1784.085	1787.866	1426.866	120.6333	61.22634	120.2793	119.4887	16.94414	40.22788	42.82798	22.89308	19.9349	25.00052	10
1784.09	1787.871	1426.871	125.3652	58.98449	125.0466	124.551	12.85897	52.68969	34.45134	20.52244	13.9289	23.08611	10
1784.095	1787.876	1426.876	121.8841	89.50715	120.4563	119.5005	17.27155	24.08338	58.64507	45.03089	13.61418	27.03755	10
1784.1	1787.881	1426.881	116.4206	58.10724	116.161	115.6772	20.84302	33.08174	46.07524	28.17934	17.8959	25.93798	10
1784.105	1787.886	1426.886	115.5238	66.60123	114.6034	113.1873	24.73386	22.52687	52.73928	22.36105	30.37823	27.30951	10
1784.11	1787.891	1426.891	115.9604	81.15241	114.9692	112.9041	21.3595	23.06231	55.57819	28.22759	27.3506	27.42392	10
1784.115	1787.896	1426.896	115.512	61.7137	114.5444	112.9749	26.2933	21.51545	52.19125	29.28946	22.90179	27.44991	10
1784.12	1787.9	1426.9	121.3295	129.5403	120.3855	117.6478	4.344243	35.09706	60.5587	60.5587	0	-9999	10
1784.125	1787.905	1426.905	124.4212	113.7359	124.4684	121.2587	0	62.16351	37.83649	37.83649	0	-9999	10
1784.13	1787.91	1426.91	116.9988	78.54851	116.2672	114.8866	19.02235	28.21298	52.76466	37.96454	14.80012	26.74112	9
1784.135	1787.915	1426.915	109.8597	76.73832	109.0809	109.6827	26.39424	18.30448	55.30128	27.38464	27.91664	27.46437	9
1784.14	1787.92	1426.92	109.3641	105.0887	107.1692	105.8476	30.96363	5.395685	63.64069	25.73826	37.90243	29.08557	9
1784.145	1787.925	1426.925	110.4851	118.9576	109.8007	103.4403	14.87018	22.87258	62.25725	48.15911	14.09814	28.6699	9
1784.15	1787.93	1426.93	109.9305	120.5311	108.1958	103.2043	23.13886	11.28808	65.57306	32.86805	32.70502	29.15464	9
1784.155	1787.935	1426.935	112.4085	122.5223	110.8509	108.2312	19.0054	14.95877	66.03583	35.03853	30.9973	28.53959	9
1784.16	1787.94	1426.94	112.0545	171.7874	110.6267	104.054	6.40295	19.52586	74.07119	69.13579	4.935406	-9999	9
1784.165	1787.945	1426.945	107.889	136.9621	105.6824	102.0597	24.69876	6.992235	68.30901	37.00573	31.30328	29.15264	9
1784.17	1787.95	1426.95	105.765	146.9042	103.0627	101.3753	28.08786	3.100206	68.81194	44.28848	24.52345	28.942	9
1784.175	1787.955	1426.955	101.4343	115.8664	99.77047	97.67003	31.53549	7.58933	60.87518	24.36918	36.506	28.59613	9
1784.18	1787.96	1426.96	96.63161	49.72465	96.3366	95.80559	41.35185	8.97064	49.67751	34.98798	14.68952	29.03231	9
1784.185	1787.965	1426.965	95.91179	73.09008	95.47519	94.27156	37.45707	9.294492	53.24844	30.27466	22.97378	28.63524	9
1784.19	1787.97	1426.97	95.74659	107.5673	93.83495	91.4277	40.69705	3.858289	55.44466	25.14317	30.30149	29.0571	9
1784.195	1787.975	1426.975	95.10938	139.4128	92.28912	88.00563	40.61847	1.557138	57.82439	26.90926	30.91513	29.13539	9
1784.2	1787.979	1426.979	99.09786	201.7114	95.61679	88.37144	26.99413	2.118658	70.88722	34.24554	36.64168	29.05252	9
1784.205	1787.984	1426.984	100.8089	189.4995	99.01526	90.54268	15.29762	11.47591	73.22647	48.51342	24.71304	29.50522	9
1784.21	1787.989	1426.989	98.67305	120.0437	96.99742	90.84949	33.15638	6.800328	60.0433	23.82227	36.22103	29.25126	9
1784.215	1787.994	1426.994	100.9505	146.4587	100.3487	99.68787	16.34659	16.6385	67.01491	55.85308	11.16182	27.87602	10
1784.22	1787.999	1426.999	102.3311	149.0208	100.8443	98.18924	21.31527	11.43574	67.24899	35.30197	31.94701	28.36479	10
1784.225	1788.004	1427.004	101.7765	112.8169	101.1039	102.0007	24.27668	14.47915	61.24418	41.00301	20.24117	27.55564	10
1784.23	1788.009	1427.009	100.9033	144.6206	100.7499	98.16564	13.35965	19.61571	67.02463	49.71595	17.30868	28.28293	10
1784.235	1788.014	1427.014	102.0951	122.9957	101.9653	100.0301	17.31349	19.42957	63.25694	33.07835	30.17859	27.96962	10
1784.24	1788.019	1427.019	104.9508	100.7861	104.8918	106.3668	19.51232	21.48094	59.00674	34.58959	24.41715	27.13139	10
1784.245	1788.024	1427.024	105.6234	108.7648	105.8594	107.7002	14.67635	25.4691	59.85455	48.00832	11.84624	26.99787	10
1784.25	1788.029	1427.029	107.3816	111.5219	107.3698	106.7208	14.31205	25.6007	60.08725	36.67472	23.41253	27.43974	10
1784.255	1788.034	1427.034	107.5822	90.85783	107.8064	108.5263	17.29916	26.83006	55.87078	27.62748	28.2433	26.88975	10
1784.26	1788.039	1427.039	108.5027	75.79145	108.5263	107.7002	21.65312	25.06107	53.2858	24.51851	28.76729	27.14753	10
1784.265	1788.044	1427.044	109.5057	84.07657	109.6119	109.2225	18.08518	27.96556	53.94926	26.74465	27.20461	26.89425	10
1784.27	1788.049	1427.049	109.8833	88.18432	110.3435	110.6975	14.00015	32.82943	53.17042	30.27886	22.89156	26.52243	10
1784.275	1788.053	1427.053	109.9069	81.23596	110.2609	109.2933	16.48301	31.18992	52.32707	40.91368	11.41339	26.75694	10
1784.28	1788.058	1427.058	109.6237	92.62626	109.5411	110.1193	17.37083	26.63967	55.9895	30.77233	25.21717	26.87766	10
1784.285	1788.063	1427.063	109.7299	87.08428	110.2373	111.4173	14.04169	33.02451	52.9338	33.51822	19.41558	26.35388	10
1784.29	1788.068	1427.068	109.4703	79.52323	109.7063	110.4733	18.21369	29.03659	52.74972	35.61173	17.13799	26.57113	10

1784.295	1788.073	1427.073	107.6884	62.95299	107.9008	109.0809	24.04588	24.97991	50.97421	26.64383	24.33038	26.76942	10
1784.3	1788.078	1427.078	105.9656	69.9292	106.06	105.3166	24.85716	21.98794	53.1549	38.07079	15.0841	27.41098	10
1784.305	1788.083	1427.083	103.6292	70.0406	103.5348	103.1807	28.44297	17.66745	53.88958	32.49049	21.39909	27.72541	10
1784.31	1788.088	1427.088	100.7145	57.64773	100.3369	100.0301	36.31838	12.01529	51.66633	19.99786	31.66847	28.45949	10
1784.315	1788.093	1427.093	98.40165	51.10318	98.30724	98.46065	37.83513	11.57287	50.592	20.99238	29.59962	28.49897	9
1784.32	1788.098	1427.098	97.90604	46.42452	97.57563	97.35142	41.25237	9.42982	49.31782	18.91388	30.40393	28.99652	9
1784.325	1788.103	1427.103	96.3956	60.33517	96.3602	95.47519	36.98929	10.99183	52.01888	27.59729	24.42159	28.56707	9
1784.33	1788.108	1427.108	98.89726	127.5769	98.09484	97.64643	24.35963	12.67597	62.96439	34.46182	28.50257	27.75038	9
1784.335	1788.113	1427.113	98.55505	207.5736	97.74083	97.88243	5.406723	17.79926	76.79402	69.45548	7.338537	-9999	9
1784.34	1788.118	1427.118	98.18924	191.2122	96.80861	91.69911	14.09241	13.14479	72.7628	49.25774	23.50506	28.72193	9
1784.345	1788.123	1427.123	99.06246	226.3718	96.1596	88.99685	16.57773	6.993595	76.42867	54.8322	21.59648	29.03525	9
1784.35	1788.128	1427.128	97.58743	192.3401	95.45159	87.04981	20.22605	8.800216	70.97374	36.68595	34.28778	29.05608	9
1784.355	1788.132	1427.132	96.52541	180.908	95.86459	91.2861	12.53818	15.70831	71.75351	61.23315	10.52036	28.6381	9
1784.36	1788.137	1427.137	102.7677	202.1152	101.0331	92.51332	9.985239	13.43793	76.57683	51.68068	24.89615	29.96192	9
1784.365	1788.142	1427.142	110.1783	173.5837	111.4645	109.8007	0	48.89094	51.10906	51.10906	0	-9999	10
1784.37	1788.147	1427.147	112.9159	109.7117	112.8923	111.6887	9.750002	33.63715	56.61285	36.68933	19.92352	26.9929	10
1784.375	1788.152	1427.152	110.6621	85.02344	110.8745	110.0367	15.96906	31.07533	52.95561	36.80434	16.15127	26.7458	10
1784.38	1788.157	1427.157	109.0219	93.74022	109.2697	110.0957	15.09426	29.42185	55.48388	34.50816	20.97572	26.72116	10
1784.385	1788.162	1427.162	109.2697	84.35506	109.2461	109.1399	19.24088	26.22053	54.53859	26.21277	28.32582	26.96355	10
1784.39	1788.167	1427.167	109.3759	104.9217	109.7063	107.5468	11.42251	31.6442	56.93329	52.61968	4.313613	27.34673	10
1784.395	1788.172	1427.172	109.0455	110.1851	108.9157	107.535	14.01934	26.5132	59.46746	33.94135	25.52611	27.48162	10
1784.4	1788.177	1427.177	108.2548	77.30923	108.5499	107.9126	19.41041	27.63532	52.95427	39.79614	13.15813	26.95072	10
1784.405	1788.182	1427.182	108.5853	75.23446	108.5499	108.4791	22.16918	24.5219	53.30892	28.89884	24.41008	27.0435	10
1784.41	1788.187	1427.187	111.6415	80.5815	111.2285	112.8569	20.9899	24.8614	54.14871	41.78982	12.35888	26.65931	10
1784.415	1788.192	1427.192	113.5886	76.11171	113.5886	113.8718	17.07949	32.85693	50.06358	38.86209	11.20149	26.14958	10
1784.42	1788.197	1427.197	114.2612	107.2471	115.04	117.6596	2.89011	47.21802	49.89187	49.89187	0	-9999	10
1784.425	1788.202	1427.202	116.6566	106.6065	117.5534	119.0049	0	55.20743	44.79257	44.79257	0	-9999	10
1784.43	1788.206	1427.206	117.0696	87.64126	117.341	118.2497	8.983363	44.79647	46.22017	43.0378	3.182363	25.12587	10
1784.435	1788.211	1427.211	117.9192	90.55149	118.3441	120.1377	6.308564	49.63225	44.05919	44.05919	0	-9999	10
1784.44	1788.216	1427.216	116.7628	84.17404	117.2466	120.1141	8.458558	47.25794	44.2835	44.2835	0	24.54734	10
1784.445	1788.221	1427.221	115.7244	80.14984	116.2318	117.6242	10.20486	44.8397	44.95544	27.57163	17.38382	24.9949	10
1784.45	1788.226	1427.226	116.3144	91.90218	116.5976	117.3174	8.555567	43.53111	47.91332	29.9317	17.98162	25.4246	10
1784.455	1788.231	1427.231	117.046	94.64532	117.4354	118.5211	6.395574	47.13042	46.474	45.35075	1.123253	-9999	10
1784.46	1788.236	1427.236	116.8926	89.61855	117.3882	119.9135	6.930117	48.13995	44.92993	30.3299	14.60004	-9999	10
1784.465	1788.241	1427.241	116.987	85.67789	117.3174	119.6067	9.077232	45.42472	45.49805	41.1781	4.319947	24.78813	10
1784.47	1788.246	1427.246	118.7335	68.78739	119.3825	120.7395	9.088812	54.30685	36.60434	23.02497	13.57937	23.67755	10
1784.475	1788.251	1427.251	118.8397	74.2319	119.2881	118.2497	9.228217	51.37857	39.39321	38.44551	0.947705	24.4701	10
1784.48	1788.256	1427.256	117.8366	76.76617	118.2379	118.2969	9.90351	48.089	42.00749	24.77679	17.2307	24.70013	10
1784.485	1788.261	1427.261	116.4442	76.83579	116.9516	115.8896	10.34463	46.35412	43.30126	30.18398	13.11728	25.19101	10
1784.49	1788.266	1427.266	116.7864	76.48768	117.2466	116.3026	10.47985	46.41661	43.10354	41.16453	1.939012	25.11884	10
1784.495	1788.271	1427.271	116.81	86.83363	117.0578	113.978	9.600549	43.75991	46.63954	36.84627	9.793277	25.9375	10
1784.5	1788.276	1427.276	115.9604	75.86107	116.5268	115.6536	10.56836	46.03023	43.40142	25.6938	17.70762	25.21027	10
1784.505	1788.281	1427.281	116.4088	77.78266	117.0342	115.9132	9.233536	48.20948	42.55698	32.33793	10.21906	25.10233	10
1784.51	1788.285	1427.285	117.1994	86.73616	117.4826	118.1789	8.991526	45.23324	45.77524	29.11605	16.65919	25.09901	10
1784.515	1788.29	1427.29	117.3764	76.04209	117.8484	116.9162	9.953418	48.05735	41.98923	39.50075	2.488479	24.92099	10
1784.52	1788.295	1427.295	118.1671	72.35208	118.7925	119.5123	8.93016	52.52565	38.54419	20.94191	17.60229	24.0982	10
1784.525	1788.3	1427.3	115.7598	72.44955	116.3026	116.3852	11.7614	44.94836	43.29024	26.40199	16.88825	25.05735	10
1784.53	1788.305	1427.305	116.3734	82.12713	116.8926	117.9782	9.03781	46.72454	44.23765	32.75434	11.4833	24.90325	10
1784.535	1788.31	1427.31	115.8424	75.12307	116.0902	114.1196	13.32472	40.80168	45.8736	32.59997	13.27363	25.78459	10
1784.54	1788.315	1427.315	117.8602	113.6663	117.7068	117.754	5.250208	41.35429	53.3955	53.3955	0	-9999	10
1784.545	1788.32	1427.32	117.1876	107.1774	117.341	118.4503	5.061565	44.47385	50.46458	50.46458	0	-9999	10
1784.55	1788.325	1427.325	116.5976	88.33749	116.7274	116.0666	10.34655	41.51579	48.13767	42.51398	5.623681	25.69776	10
1784.555	1788.33	1427.33	115.866	85.35763	116.2554	117.0932	9.728818	43.71087	46.56031	30.579	15.98131	25.27532	10
1784.56	1788.335	1427.335	113.9072	80.14984	114.1432	114.1196	13.98011	36.94469	49.0752	30.96563	18.10956	25.94477	10
1784.565	1788.34	1427.34	113.388	90.92746	113.5768	113.1401	12.21541	36.02436	51.76023	32.78008	18.98015	26.30942	10
1784.57	1788.345	1427.345	113.5886	95.996	113.0103	115.3468	16.74864	26.53996	56.7114	41.6975	15.01391	26.49521	10
1784.575	1788.35	1427.35	112.3141	114.7663	112.1371	114.7332	10.26933	31.03903	58.69165	48.0783	10.61335	26.54003	10
1784.58	1788.355	1427.355	110.3435	87.07035	110.2727	109.3169	17.96167	27.43925	54.59907	44.37816	10.22092	27.02942	10
1784.585	1788.36	1427.36	105.1396	74.84458	105.0098	101.5405	26.16517	19.32429	54.51055	30.24149	24.26906	28.13171	10
1784.59	1788.364	1427.364	102.3665	66.25312	101.7411	99.13326	34.63649	12.13149	53.23201	33.8098	19.42221	28.7699	10
1784.595	1788.369	1427.369	102.6143	60.53012	101.6939	99.15686	38.07977	9.73696	52.18327	33.41932	18.76395	29.18814	9
1784.6	1788.374	1427.374	102.9211	75.40156	102.4373	102.3193	30.8149	14.27513	54.90997	36.42153	18.48844	27.96742	9
1784.605	1788.379	1427.379	101.4933	67.53418	101.3989	102.1187	31.0145	15.37733	53.60817	29.51968	24.08849	27.75212	9
1784.61	1788.384	1427.384	102.6969	75.90284	102.9093	103.4757	25.5042	19.50835	54.98745	37.27108	17.71637	27.38211	9
1784.615	1788.389	1427.389	100.1363	77.10036	100.6083	101.0449	25.55826	18.71038	55.73136	23.84076	31.89061	27.47249	9
1784.62	1788.394	1427.394	104.8918	128.8858	103.4876	100.7027	23.19196	12.02593	64.78211	35.84127	28.94084	28.47747	9
1784.625	1788.399	1427.399	104.8564	107.4281	103.3813	101.7529	28.96602	9.985333	61.04864	44.29566	16.75299	28.47763	9
1784.63	1788.404	1427.404	104.1838	90.45402	103.2279	100.8915	29.66867	12.58756	57.74377	37.32602	20.41775	28.45087	9
1784.635	1788.409	1427.409	103.9596	67.47848	102.8503	99.79407	36.62389	9.665565	53.71055	32.64122	21.06933	29.19823	9
1784.64	1788.414	1427.414	102.2367	73.56352	101.0567	98.56685	37.28503	8.484816	54.23015	19.65974	34.57041	29.13978	9
1784.645	1788.419	1427.419	102.0125	104.5039	101.0095	100.7499	28.63194	11.70749	59.66057	28.35424	31.30633	27.99258	9
1784.65	1788.424	1427.424	102.3075	119.9602	100.4667	97.90604	31.1132	6.972627	61.91417	25.92529	35.98888	28.73766	9
1784.655	1788.429	1427.429	104.526	108.0686	104.0422	107.0394	21.43303	17.91599	60.65098	45.5221	15.12888	27.04279	9

1784.66	1788.434	1427.434	106.1426	135.3051	105.5644	105.5172	14.08612	20.47077	65.44311	52.62837	12.81474	27.7636	9
1784.665	1788.438	1427.438	103.4876	66.19742	104.8682	107.9008	18.07181	29.61638	52.31181	25.46162	26.85019	26.35661	9
1784.67	1788.443	1427.443	102.2957	83.35249	104.6322	107.1692	7.609158	36.87186	55.51898	43.91728	11.6017	-9999	9
1784.675	1788.448	1427.448	102.2249	95.03521	104.8446	108.1722	2.652232	39.96246	57.38531	57.38531	0	-9999	9
1784.68	1788.453	1427.453	107.8064	128.1478	108.5735	106.5084	3.861927	35.27111	60.86697	57.58207	3.284895	-9999	9
1784.685	1788.458	1427.458	104.0658	65.25055	104.2428	104.2664	27.09709	20.07661	52.8263	23.26837	29.55793	27.45834	9
1784.69	1788.463	1427.463	106.8034	127.0756	104.2664	104.8564	30.6507	3.212133	66.13716	41.71275	24.42441	28.70174	9
1784.695	1788.468	1427.468	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1785	1788.769	1427.769	114.1314	87.50201	114.6034	114.3792	10.16558	41.20372	48.6307	29.97037	18.66033	25.83737	7
1785.005	1788.774	1427.774	111.6179	110.3244	111.0869	109.5647	14.72835	25.43322	59.83843	33.06658	26.77185	27.50627	7
1785.01	1788.779	1427.779	113.978	138.5634	112.6327	110.4615	12.03344	19.94744	68.01912	43.27634	24.74279	28.41136	7
1785.015	1788.784	1427.784	105.1278	108.7509	103.3459	102.6497	30.77395	7.731614	61.49443	42.38677	19.10767	28.52972	7
1785.02	1788.789	1427.789	104.1366	143.6041	102.8975	101.2573	19.04461	13.89518	67.06021	47.31785	19.74235	28.19187	7
1785.025	1788.794	1427.794	115.335	535.6644	107.4878	100.7971	0	0	100	100	0	-9999	7
1785.03	1788.799	1427.799	106.6028	267.7556	103.7118	98.63765	0	9.752556	90.24744	90.24744	0	-9999	7
1785.035	1788.804	1427.804	103.877	142.9218	102.1305	98.27184	23.381	9.79747	66.82153	46.58065	20.24088	28.74128	7
1785.04	1788.809	1427.809	101.9889	135.4861	98.83825	94.55477	37.80021	0	62.19979	18.94097	43.25882	28.69221	7
1785.045	1788.814	1427.814	103.8534	127.3263	101.7293	99.67607	30.10329	5.903873	63.99284	38.9144	25.07844	28.75662	7
1785.05	1788.819	1427.819	101.8709	106.328	100.6319	98.38985	30.14982	10.0722	59.77798	30.95328	28.8247	28.48062	7
1785.055	1788.823	1427.823	99.52267	71.08494	98.20104	95.54599	41.4792	5.970967	52.54983	26.58337	25.96647	29.57084	7
1785.06	1788.828	1427.828	98.21284	79.80172	97.04462	95.87639	39.3859	6.875871	53.73822	22.88998	30.84825	28.93584	7
1785.065	1788.833	1427.833	97.83523	82.1132	97.12722	97.88243	35.6073	9.538968	54.85373	19.90031	34.95342	28.14508	7
1785.07	1788.838	1427.838	97.74083	77.36492	96.56081	94.71997	40.50131	6.422353	53.07634	35.17322	17.90312	29.17124	7
1785.075	1788.843	1427.843	97.17442	75.29016	96.56081	96.4074	37.13481	9.22873	53.63646	31.5832	22.05326	28.44368	7
1785.08	1788.848	1427.848	96.136	59.52755	95.61679	94.31876	41.1731	8.065481	50.76142	17.40135	33.36007	29.1074	7
1785.085	1788.853	1427.853	94.15356	72.22676	93.61075	92.91453	40.10664	7.668918	52.22444	21.85301	30.37143	28.74251	7
1785.09	1788.858	1427.858	92.08852	89.36791	91.2389	89.74027	40.23607	6.408024	53.35591	23.12713	30.22877	28.68539	7
1785.095	1788.863	1427.863	89.49246	90.37047	87.91123	82.37692	48.05183	2.682596	49.26557	20.73418	28.53139	30.14317	7
1785.1	1788.868	1427.868	88.01743	58.77562	86.96721	84.66616	52.93948	2.084644	44.97588	29.67005	15.30583	30.55757	7
1785.105	1788.873	1427.873	88.64285	63.34288	87.58082	85.91699	51.35027	2.544034	46.10569	18.08883	28.01686	30.16937	7
1785.11	1788.878	1427.878	90.10608	70.95962	88.65465	86.03499	51.17876	2.014942	46.80629	32.05902	14.74728	30.33386	7
1785.115	1788.883	1427.883	92.54873	182.6486	89.04405	86.73121	37.81542	1.715389	60.46919	20.65335	39.81584	27.80075	7
1785.12	1788.888	1427.888	86.271	68.10508	84.45376	82.24711	58.23284	0	41.76716	24.46769	17.29947	30.88147	7
1785.125	1788.893	1427.893	82.53032	52.31462	81.26769	79.19085	61.19732	0	38.80268	25.62537	13.17731	31.20271	7
1785.13	1788.898	1427.898	81.07889	25.76046	80.78388	79.00205	61.45969	0	38.54031	8.885149	29.65516	32.10654	7
1785.135	1788.902	1427.902	77.63322	34.04558	77.35001	77.51522	62.53325	0	37.46675	8.975287	28.49146	31.05137	7
1785.14	1788.907	1427.907	75.17877	34.1152	74.71856	72.96032	66.14628	0	33.85372	5.73785	28.11587	30.69956	7
1785.145	1788.912	1427.912	74.06955	40.75722	73.88074	75.24957	63.456	0	36.544	16.23043	20.31357	30.33482	7
1785.15	1788.917	1427.917	76.7718	31.81765	75.87498	73.32613	68.62042	0	31.37958	11.80419	19.57539	30.60101	7
1785.155	1788.922	1427.922	77.53882	30.81508	77.51522	78.30583	61.38994	0	38.61006	13.07447	25.53559	31.22399	7
1785.16	1788.927	1427.927	79.52126	23.18441	79.58026	79.50946	60.77256	0.212947	39.0145	22.18972	16.82478	31.62698	7
1785.165	1788.932	1427.932	79.69826	24.11736	79.37965	79.09645	63.3104	0	36.6896	21.91823	14.77137	31.35295	7
1785.17	1788.937	1427.937	77.81022	35.64691	77.26741	76.22899	63.99483	0	36.00517	13.34061	22.66456	30.97554	7
1785.175	1788.942	1427.942	78.78964	35.71653	77.96363	76.98421	65.27176	0	34.72824	6.863475	27.86476	30.7446	7
1785.18	1788.947	1427.947	77.57422	28.36435	76.9252	75.61538	66.7974	0	33.2026	15.83931	17.36329	30.69543	7
1785.185	1788.952	1427.952	76.40599	28.26688	75.63898	74.90736	68.81027	0	31.18973	6.196412	24.99331	30.29332	7
1785.19	1788.957	1427.957	76.7128	33.11263	75.78058	74.90736	68.63567	0	31.36433	14.90776	16.45658	30.27005	7
1785.195	1788.962	1427.962	77.07861	43.61176	76.45319	75.61538	63.38058	0	36.61942	23.89964	12.71978	30.87145	7
1785.2	1788.967	1427.967	76.29979	57.50848	74.86016	71.9927	67.04427	0	32.95573	23.28891	9.66682	30.52351	7
1785.205	1788.972	1427.972	78.56544	99.3379	76.19359	74.21115	62.06185	0	37.93815	22.84586	15.09228	30.24226	7
1785.21	1788.977	1427.977	75.43837	49.39046	74.36455	73.12553	66.96633	0	33.03367	13.3519	19.68178	30.35069	7
1785.215	1788.981	1427.981	77.88102	56.78441	76.8898	76.08739	62.28959	0	37.71041	8.741437	28.96897	30.81805	7
1785.22	1788.986	1427.986	75.49737	30.52266	74.69496	72.68892	69.37466	0	30.62534	11.55963	19.06572	30.42658	7
1785.225	1788.991	1427.991	74.62416	42.53957	73.47953	72.0163	69.92203	0	30.07797	23.01592	7.062053	30.1752	7
1785.23	1788.996	1427.996	75.33217	41.62055	74.67136	73.53853	65.74354	0	34.25646	18.64138	15.61509	30.55755	7
1785.235	1789.001	1428.001	73.66834	37.24823	73.07833	71.9219	67.78365	0	32.21635	13.18474	19.03161	30.32376	7
1785.24	1789.006	1428.006	71.24929	29.57579	70.65928	70.04566	71.86591	0	28.13409	19.37972	8.754374	29.89563	7
1785.245	1789.011	1428.011	71.02508	23.22619	70.95428	70.16367	69.5849	0	30.4151	15.50074	14.91436	29.992	7
1785.25	1789.016	1428.016	71.54429	24.67434	71.08408	70.60027	71.77468	0	28.22532	7.551878	20.67344	29.87963	7
1785.255	1789.021	1428.021	71.29649	11.5017	71.37909	71.04868	70.98366	0	29.01634	19.81062	9.205718	29.85552	7
1785.26	1789.026	1428.026	71.43809	12.54604	71.34369	71.08408	71.97243	0	28.02757	7.916407	20.11116	29.8146	7
1785.265	1789.031	1428.031	72.50011	16.98798	72.35851	72.40571	70.28623	0	29.71377	19.45932	10.25445	29.9241	7
1785.27	1789.036	1428.036	72.88952	15.90186	72.45291	72.34671	72.47711	0	27.52289	20.68275	6.840137	29.85899	7
1785.275	1789.041	1428.041	73.53853	21.0818	73.05472	72.11071	70.99228	0	29.00772	5.599914	23.40781	30.1108	7
1785.28	1789.046	1428.046	74.31735	20.3438	73.68014	72.61812	71.64324	0	28.35676	23.55226	4.804496	30.12227	7
1785.285	1789.051	1428.051	74.76576	35.076	73.78634	72.0517	70.31762	0	29.68238	11.89163	17.79075	30.24417	7
1785.29	1789.055	1428.055	75.45017	40.6876	74.06955	72.59452	71.43931	0	28.56069	5.593541	22.96715	30.04219	7
1785.295	1789.06	1428.06	74.65956	16.05503	74.30555	73.84534	70.17145	0	29.82855	14.89421	14.93435	30.18215	7
1785.3	1789.065	1428.065	75.36757	19.52225	75.24957	75.09617	66.85197	0	33.14803	10.29367	22.85436	30.49989	7
1785.305	1789.07	1428.07	75.86318	21.77803	75.43837	75.39117	68.22786	0	31.77214	17.69654	14.07561	30.31117	7
1785.31	1789.075	1428.075	76.8308	34.18483	76.18179	74.78936	66.07279	0	33.92721	5.860728	28.06648	30.69805	7
1785.315	1789.08	1428.08	75.89858	21.90335	75.20237	73.96334	70.26835	0	29.73165	17.82586	11.90579	30.30056	7
1785.32	1789.085	1428.085	79.55666	53.40074	77.40901	76.5476	70.52914	0	29.47086	21.66361	7.807251	29.4063	7

1785.325	1789.09	1428.09	75.04897	26.99975	74.35275	73.26713	69.81667	0	30.18333	5.980176	24.20315	30.24098	4
1785.33	1789.095	1428.095	75.28497	44.43331	74.76576	74.41175	64.00885	0	35.99115	12.01395	23.9772	30.61198	4
1785.335	1789.1	1428.1	77.72762	41.34206	76.8072	74.42355	65.61906	0	34.38094	18.54	15.84094	30.82951	4
1785.34	1789.105	1428.105	76.09919	40.42303	75.36757	72.47651	65.87639	0	34.12361	7.886922	26.23669	30.8945	4
1785.345	1789.11	1428.11	75.86318	69.85958	75.09617	73.65654	59.24423	0.598457	40.15732	19.9476	20.20972	30.4557	4
1785.35	1789.115	1428.115	76.9488	62.7302	75.43837	76.08739	65.73223	0	34.26777	9.12261	25.14516	29.93503	4
1785.355	1789.12	1428.12	75.92218	71.47483	75.34397	76.28799	57.33582	1.092078	41.5721	17.69068	23.88142	29.66707	4
1785.36	1789.125	1428.125	73.97514	153.9501	72.62992	77.45622	45.11246	4.907754	49.97978	19.64752	30.33226	25.61289	4
1785.365	1789.13	1428.13	75.62718	287.3196	71.10768	62.82391	35.91772	8.600241	55.48204	34.05319	21.42885	24.82078	4
1785.37	1789.134	1428.134	79.17905	203.5912	76.45319	72.12251	39.01159	6.006248	54.98216	23.97774	31.00441	26.35847	4
1785.375	1789.139	1428.139	76.46499	151.4715	74.06955	71.6859	51.56083	3.065179	45.37399	25.17906	20.19493	27.81474	4
1785.38	1789.144	1428.144	73.47953	93.26679	72.26411	69.63265	59.24781	0.970281	39.78191	14.37711	25.4048	29.99744	4
1785.385	1789.149	1428.149	69.18425	89.535	66.57639	65.18396	74.89389	0	25.10611	11.35889	13.74722	30.60642	4
1785.39	1789.154	1428.154	70.02206	82.83728	68.19302	71.29649	69.70812	0	30.29188	19.00477	11.2871	29.58278	4
1785.395	1789.159	1428.159	72.0281	67.93799	70.55307	68.45263	68.72464	0	31.27536	19.52941	11.74595	30.39643	4
1785.4	1789.164	1428.164	78.56544	69.28867	78.02263	79.14365	55.15872	1.627782	43.21349	18.75165	24.46185	29.50471	4
1785.405	1789.169	1428.169	82.22351	105.6457	80.40628	78.67164	52.87169	1.710094	45.41822	32.50467	12.91355	29.27861	4
1785.41	1789.174	1428.174	79.99327	100.243	78.11703	75.94578	56.68824	0.9385	42.37326	12.84498	29.52829	29.85508	4
1785.415	1789.179	1428.179	80.57148	108.6395	78.95485	77.65682	52.11238	2.182448	45.70517	18.19453	27.51064	28.90348	4
1785.42	1789.184	1428.184	80.98449	119.9602	79.30885	78.76604	49.45007	2.862996	47.68693	15.03808	32.64885	28.25274	4
1785.425	1789.189	1428.189	79.32065	94.77064	77.51522	77.40901	58.08264	0.653707	41.26365	20.35209	20.91156	29.75715	7
1785.43	1789.194	1428.194	80.55968	14.84359	80.45348	80.18207	63.11601	0	36.88399	18.21218	18.6718	31.75924	7
1785.435	1789.199	1428.199	80.59508	24.82751	80.38268	81.32669	61.4904	0	38.5096	12.60605	25.90354	31.59456	7
1785.44	1789.204	1428.204	81.03169	15.27526	81.01989	81.86951	61.84569	0.013545	38.14077	26.26786	11.87291	31.88654	7
1785.445	1789.209	1428.209	81.7043	28.68462	81.29129	82.15271	61.09118	0.074158	38.83466	13.18669	25.64797	31.53258	7
1785.45	1789.213	1428.213	82.04651	19.09059	81.84591	82.37692	61.45197	0.113162	38.43487	22.97473	15.46014	31.84972	7
1785.455	1789.218	1428.218	82.69552	19.81467	83.07313	83.67494	56.19851	2.05264	41.74885	25.19492	16.55393	30.85928	7
1785.46	1789.223	1428.223	83.45074	21.40207	83.62774	84.37116	56.67424	1.889433	41.43632	25.14551	16.29081	30.92167	7
1785.465	1789.228	1428.228	83.76934	25.63514	83.84015	85.19717	56.17979	1.987427	41.83279	22.38038	19.4524	30.66872	7
1785.47	1789.233	1428.233	84.24135	27.96054	83.88735	83.76934	58.47506	1.034755	40.49019	13.53042	26.95977	31.34899	7
1785.475	1789.238	1428.238	84.58356	32.83414	84.06435	82.90793	58.26114	0.977668	40.76119	12.72856	28.03263	31.44366	7
1785.48	1789.243	1428.243	84.70156	22.90592	84.73696	85.91699	56.25697	2.084659	41.65837	12.90365	28.75472	30.79581	7
1785.485	1789.248	1428.248	84.84317	22.0426	85.13817	87.35662	54.32368	2.922777	42.75354	28.8005	13.95305	30.28715	7
1785.49	1789.253	1428.253	85.73999	28.00232	85.81079	87.01441	53.79394	3.002227	43.20383	27.78593	15.4179	30.33628	7
1785.495	1789.258	1428.258	85.51578	24.38193	85.65738	86.4362	54.32763	2.891297	42.78107	14.075	28.70607	30.54542	7
1785.5	1789.263	1428.263	85.40958	24.5351	85.33878	85.33878	56.03441	2.153808	41.81179	17.42781	24.38397	30.98049	7
1785.505	1789.268	1428.268	86.01139	23.58823	86.15299	87.28582	54.06375	3.069693	42.86656	24.49519	18.37137	30.46483	7
1785.51	1789.273	1428.273	86.4362	25.37057	86.89641	87.35662	50.77239	4.511725	44.71588	14.98176	29.73412	30.05504	7
1785.515	1789.278	1428.278	86.87281	22.44641	86.92001	87.98203	54.27918	3.074575	42.64625	26.70103	15.94521	30.56202	7
1785.52	1789.283	1428.283	88.58384	25.91363	88.85525	89.85827	50.12837	5.032388	44.83924	19.60203	25.23721	29.91081	7
1785.525	1789.287	1428.287	89.03225	18.25511	89.32726	89.12666	51.38629	4.865502	43.74821	15.51694	28.23126	30.42524	7
1785.53	1789.292	1428.292	88.15904	21.68056	88.41864	89.78747	51.63505	4.46446	43.90049	29.05723	14.84326	30.11475	7
1785.535	1789.297	1428.297	87.56902	28.615	87.93483	88.12363	49.67666	5.007444	45.31589	32.85756	12.45833	29.93479	7
1785.54	1789.302	1428.302	87.13241	25.83008	87.35662	87.42742	51.84971	4.065834	44.08445	25.10043	18.98402	30.30797	7
1785.545	1789.307	1428.307	87.34482	25.55159	87.65162	88.74905	51.08153	4.460101	44.45837	22.75479	21.70358	30.0081	7
1785.55	1789.312	1428.312	87.56902	29.78466	87.46282	87.42742	53.05168	3.348077	43.60024	15.55792	28.04232	30.49093	7
1785.555	1789.317	1428.317	86.96721	42.28893	86.684	88.37144	51.95109	3.292972	44.75594	32.64355	12.11238	29.81094	7
1785.56	1789.322	1428.322	87.35662	42.90161	87.28582	86.3064	49.79843	4.262422	45.93914	22.28773	23.65142	29.98836	7
1785.565	1789.327	1428.327	87.67523	36.10642	87.69883	88.64285	50.41814	4.30099	45.28087	30.87667	14.4042	29.81949	7
1785.57	1789.332	1428.332	87.89943	69.38614	87.02621	87.02621	49.10852	3.392384	47.4991	33.45273	14.04637	29.40615	7
1785.575	1789.337	1428.337	88.15904	72.17106	87.72243	89.24466	44.81201	5.260378	49.92761	17.78893	32.13869	28.56715	7
1785.58	1789.342	1428.342	88.27704	53.6096	87.87583	87.61622	48.92097	4.188535	46.8905	15.32776	31.56274	29.64109	7
1785.585	1789.347	1428.347	89.36266	107.0521	88.27704	89.31546	40.29331	5.634604	54.07208	34.1718	19.90028	27.87708	7
1785.59	1789.352	1428.352	89.46886	105.5622	87.91123	87.92303	44.21425	3.790422	51.99533	19.43488	32.56045	28.4672	7
1785.595	1789.357	1428.357	89.94087	36.88619	90.12968	92.38352	46.86471	6.220966	46.91433	17.78829	29.12604	29.13307	7
1785.6	1789.362	1428.362	89.98807	25.39842	89.98807	90.41288	51.06456	4.689936	44.24551	27.88764	16.35787	30.21308	7
1785.605	1789.366	1428.366	90.27128	20.00961	90.82589	92.35992	47.80986	6.83805	45.35209	14.18337	31.16872	29.55918	7
1785.61	1789.371	1428.371	90.33028	24.61864	90.69609	92.27732	48.10342	6.377457	45.51912	28.25053	17.26859	29.55416	7
1785.615	1789.376	1428.376	90.90849	24.60472	91.2861	91.79351	47.48339	6.80148	45.71513	33.51261	12.20253	29.6727	7
1785.62	1789.381	1428.381	93.85855	133.8848	92.56053	92.97353	31.30973	8.058401	60.63187	30.88299	29.74888	27.49671	7
1785.625	1789.386	1428.386	92.82013	30.24417	93.07974	94.10636	45.27445	7.929729	46.79582	20.68366	26.11216	29.25459	7
1785.63	1789.391	1428.391	92.61953	21.26282	93.20954	94.36596	45.07184	8.774522	46.15364	16.43889	29.71475	29.25292	7
1785.635	1789.396	1428.396	93.62255	19.99569	94.02376	95.27458	45.91894	8.519425	45.56164	31.12355	14.43809	29.37118	7
1785.64	1789.401	1428.401	94.23616	22.01475	94.48397	95.61679	46.05467	8.33217	45.61316	17.97932	27.63383	29.41098	7
1785.645	1789.406	1428.406	95.16838	27.18077	95.35718	96.313	44.40412	9.07012	46.52576	25.7712	20.75456	29.18976	7
1785.65	1789.411	1428.411	95.88819	35.7583	95.80559	96.72601	43.76952	8.698132	47.53235	30.85175	16.6806	29.09344	7
1785.655	1789.416	1428.416	97.30422	39.00273	96.95022	96.70241	43.78501	8.366962	47.84803	34.85575	12.99227	29.34139	7
1785.66	1789.421	1428.421	97.05642	39.0445	96.87941	96.84401	42.6311	9.227693	48.1412	22.03898	26.10222	29.12527	7
1785.665	1789.426	1428.426	96.98562	43.48644	96.60801	95.91179	43.17597	8.316784	48.50724	32.63457	15.87267	29.32061	7
1785.67	1789.431	1428.431	96.3366	37.95838	96.1596	94.70817	43.55617	8.638535	47.80529	28.11543	19.68986	29.50568	7
1785.675	1789.436	1428.436	96.3012	36.63555	96.3012	98.24824	42.53709	9.522116	47.94079	34.4571	13.4837	28.73436	7
1785.68	1789.44	1428.44	97.72903	34.08735	97.96504	98.27184	40.01111	11.90741	48.08147	20.78027	27.3012	28.70586	7
1785.685	1789.445	1428.445	98.57865	51.64624	98.36624	98.38985	38.45539	11.00987	50.53475	23.28874	27.24601	28.5907	7

1785.69	1789.45	1428.45	99.00346	141.961	99.05066	98.86186	14.19645	19.11497	66.68859	40.65118	26.0374	27.77632	7
1785.695	1789.455	1428.455	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1786.01	1789.766	1428.766	128.2681	210.8737	130.6163	143.5966	0	100	0	0	0	-9999	7
1786.015	1789.771	1428.771	137.8381	159.9376	138.9709	142.8768	0	100	0	0	0	-9999	7
1786.02	1789.776	1428.776	144.7766	134.3443	145.1778	148.7297	0	100	0	0	0	-9999	7
1786.025	1789.781	1428.781	151.1841	140.2344	152.2816	155.1844	0	100	0	0	0	-9999	7
1786.03	1789.786	1428.786	156.5414	192.4237	156.8482	160.2467	0	100	0	0	0	-9999	7
1786.035	1789.791	1428.791	159.6095	337.2531	160.9075	169.1205	0	100	0	0	0	-9999	7
1786.04	1789.796	1428.796	165.0494	310.3509	165.5096	164.0818	0	100	0	0	0	-9999	7
1786.045	1789.801	1428.801	162.3826	396.1123	162.2528	162.6068	0	100	0	0	0	-9999	7
1786.05	1789.806	1428.806	151.8803	553.7942	153.0368	156.4706	0	100	0	0	0	-9999	7
1786.055	1789.811	1428.811	153.025	681.2319	157.6743	164.4004	0	100	0	0	0	-9999	7
1786.06	1789.816	1428.816	158.5121	382.4662	158.2879	161.6273	0	100	0	0	0	-9999	7
1786.065	1789.821	1428.821	153.497	516.8105	150.8419	156.3762	0	43.84503	56.15497	56.15497	0	-9999	7
1786.07	1789.826	1428.826	153.9336	595.3451	152.966	153.4852	0	100	0	0	0	-9999	7
1786.075	1789.83	1428.83	150.7711	489.7411	147.7267	141.2601	0	10.72986	89.27014	89.27014	0	-9999	7
1786.08	1789.835	1428.835	153.4852	428.7097	152.376	151.2667	0	100	0	0	0	-9999	7
1786.085	1789.84	1428.84	149.5911	360.535	150.9599	148.2341	0	100	0	0	0	-9999	7
1786.09	1789.845	1428.845	151.1369	481.9851	151.6443	152.7182	0	100	0	0	0	-9999	7
1786.095	1789.85	1428.85	140.7645	392.6312	140.5757	141.4489	0	100	0	0	0	-9999	7
1786.1	1789.855	1428.855	143.7618	337.5038	143.396	142.8414	0	100	0	0	0	-9999	7
1786.105	1789.86	1428.86	143.1836	285.2588	144.3282	145.4138	0	100	0	0	0	-9999	7
1786.11	1789.865	1428.865	146.6056	358.8084	149.0129	149.0011	0	100	0	0	0	-9999	7
1786.115	1789.87	1428.87	150.0985	360.173	151.2549	151.4437	0	100	0	0	0	-9999	7
1786.12	1789.875	1428.875	154.4292	428.0414	155.9278	162.4416	0	100	0	0	0	-9999	7
1786.125	1789.88	1428.88	154.6062	412.0281	157.0135	160.7423	0	100	0	0	0	-9999	7
1786.13	1789.885	1428.885	161.7099	338.0468	163.893	170.0409	0	100	0	0	0	-9999	7
1786.135	1789.89	1428.89	163.834	292.6945	165.4978	168.9907	0	100	0	0	0	-9999	7
1786.14	1789.895	1428.895	162.359	265.1796	163.3502	163.1732	0	100	0	0	0	-9999	7
1786.145	1789.9	1428.9	169.0615	358.6691	170.1707	167.8815	0	100	0	0	0	-9999	7
1786.15	1789.904	1428.904	164.9196	418.2942	165.722	166.9611	0	100	0	0	0	-9999	7
1786.155	1789.909	1428.909	158.5121	367.9986	159.4561	160.0579	0	100	0	0	0	-9999	7
1786.16	1789.914	1428.914	150.6649	300.1442	150.6767	153.2964	0	100	0	0	0	-9999	7
1786.165	1789.919	1428.919	150.4761	293.4743	151.3021	153.6976	0	100	0	0	0	-9999	7
1786.17	1789.924	1428.924	158.0283	359.797	160.5063	164.4712	0	100	0	0	0	-9999	7
1786.175	1789.929	1428.929	165.5214	169.7684	166.0288	167.0201	0	100	0	0	0	-9999	7
1786.18	1789.934	1428.934	157.9929	241.9673	158.6655	160.6007	0	100	0	0	0	-9999	7
1786.185	1789.939	1428.939	166.3238	343.561	169.5807	176	0	100	0	0	0	-9999	7
1786.19	1789.944	1428.944	167.8579	274.2445	169.4981	174.053	0	100	0	0	0	-9999	7
1786.195	1789.949	1428.949	167.6337	406.6532	171.5159	175.9292	0	100	0	0	0	-9999	7
1786.2	1789.954	1428.954	162.0876	590.012	167.4567	173.1326	0	100	0	0	0	-9999	7
1786.205	1789.959	1428.959	156.6712	345.7471	157.5445	156.978	0	100	0	0	0	-9999	7
1786.21	1789.964	1428.964	159.6095	439.2228	162.5124	168.7783	0	100	0	0	0	-9999	7
1786.215	1789.969	1428.969	158.0401	406.0545	158.9605	160.6597	0	100	0	0	0	-9999	7
1786.22	1789.974	1428.974	164.8724	289.8539	166.4536	164.1998	0	100	0	0	0	-9999	7
1786.225	1789.979	1428.979	167.5511	234.4202	169.2503	170.2887	0	100	0	0	0	-9999	7
1786.23	1789.983	1428.983	164.6128	268.8556	165.7456	169.5453	0	100	0	0	0	-9999	7
1786.235	1789.988	1428.988	164.365	290.0767	166.4064	168.3653	0	100	0	0	0	-9999	7
1786.24	1789.993	1428.993	156.5178	353.0158	157.2141	166.194	0	100	0	0	0	-9999	7
1786.245	1789.998	1428.998	161.946	238.6811	163.1614	166.7369	0	100	0	0	0	-9999	7
1786.25	1790.003	1429.003	148.1279	387.0335	147.1956	148.6471	0	100	0	0	0	-9999	7
1786.255	1790.008	1429.008	149.3669	380.2383	147.7149	144.0686	0	100	0	0	0	-9999	7
1786.26	1790.013	1429.013	157.3203	306.271	160.4827	164.0346	0	100	0	0	0	-9999	7
1786.265	1790.018	1429.018	154.4292	315.5865	157.2967	163.244	0	100	0	0	0	-9999	7
1786.27	1790.023	1429.023	149.5321	411.0952	148.8005	144.871	0	100	0	0	0	-9999	7
1786.275	1790.028	1429.028	160.1523	366.077	160.5535	168.6839	0	100	0	0	0	-9999	7
1786.28	1790.033	1429.033	162.2056	466.0415	164.2824	168.5659	0	100	0	0	0	-9999	7
1786.285	1790.038	1429.038	164.6954	364.225	165.8636	171.4687	0	100	0	0	0	-9999	7
1786.29	1790.043	1429.043	156.8718	476.3875	155.916	153.7212	0	100	0	0	0	-9999	7
1786.295	1790.048	1429.048	147.4907	570.5454	146.9596	147.9273	0	100	0	0	0	-9999	7
1786.3	1790.053	1429.053	166.017	623.7791	171.0203	181.0977	0	100	0	0	0	-9999	7
1786.305	1790.057	1429.057	161.4739	365.3947	163.657	165.5804	0	100	0	0	0	-9999	7
1786.31	1790.062	1429.062	148.7651	500.3099	146.6646	146.8652	0	77.57952	22.42048	22.42048	0	-9999	7
1786.315	1790.067	1429.067	156.447	438.3177	157.0725	159.0549	0	100	0	0	0	-9999	7
1786.32	1790.072	1429.072	158.9723	440.2532	160.3293	161.5329	0	100	0	0	0	-9999	7
1786.325	1790.077	1429.077	158.9723	315.6144	159.2673	159.6213	0	100	0	0	0	-9999	7
1786.33	1790.082	1429.082	154.6062	352.8208	155.5502	153.3672	0	100	0	0	0	-9999	7
1786.335	1790.087	1429.087	150.1457	414.4231	150.0041	154.8186	0	100	0	0	0	-9999	7
1786.34	1790.092	1429.092	150.7947	380.8928	149.9451	147.7975	0	100	0	0	0	-9999	7
1786.345	1790.097	1429.097	137.4014	260.4313	137.1536	139.4547	0	100	0	0	0	-9999	7
1786.35	1790.102	1429.102	134.3806	327.1718	132.8584	138.9709	0	59.39494	40.60506	40.60506	0	-9999	7
1786.355	1790.107	1429.107	141.4135	391.8375	140.5403	147.8211	0	100	0	0	0	-9999	7
1786.36	1790.112	1429.112	138.8293	351.5955	138.1567	144.458	0	100	0	0	0	-9999	7

1786.365	1790.117	1429.117	132.0795	485.1739	130.1325	134.416	0	51.94042	48.05958	48.05958	0	-9999	7
1786.37	1790.122	1429.122	132.8112	331.2238	131.1001	129.0469	0	50.1298	49.8702	49.8702	0	-9999	7
1786.375	1790.127	1429.127	122.2853	283.2954	120.2439	119.6539	0	26.0116	73.9884	73.9884	0	-9999	7
1786.38	1790.132	1429.132	118.8751	287.9323	114.863	111.3465	0	0	100	100	0	-9999	7
1786.385	1790.136	1429.136	114.8984	165.9391	113.6358	115.0046	3.921568	23.78141	72.29702	72.29702	0	-9999	7
1786.39	1790.141	1429.141	122.3679	243.0673	121.3295	120.6569	0	42.71825	57.28175	57.28175	0	-9999	7
1786.395	1790.146	1429.146	116.574	242.1762	115.3822	112.7153	0	31.76489	68.23511	68.23511	0	-9999	7
1786.4	1790.151	1429.151	114.745	240.6445	112.5973	110.1901	0	17.09421	82.90579	82.90579	0	-9999	7
1786.405	1790.156	1429.156	114.6388	245.6016	112.3377	112.1725	0	15.43795	84.56205	84.56205	0	-9999	7
1786.41	1790.161	1429.161	115.4766	225.1603	113.5296	110.9335	0	19.05327	80.94673	80.94673	0	-9999	7
1786.415	1790.166	1429.166	111.7477	206.209	111.0633	109.4231	0	30.25064	69.74936	69.74936	0	-9999	7
1786.42	1790.171	1429.171	108.125	374.6267	103.3459	98.08304	0	0.996407	99.00359	99.00359	0	-9999	7
1786.425	1790.176	1429.176	100.7145	102.7912	99.18046	95.45159	34.35594	7.278127	58.36593	38.27514	20.09079	29.03817	7
1786.43	1790.181	1429.181	100.6673	102.9861	98.87366	98.67305	36.36413	5.589099	58.04677	39.84304	18.20373	28.60078	7
1786.435	1790.186	1429.186	101.9535	80.08022	100.9505	99.15686	34.59676	10.02161	55.38163	28.47468	26.90695	28.68034	7
1786.44	1790.191	1429.191	101.5051	66.23919	100.3251	99.59347	39.7306	7.576655	52.69274	18.33224	34.36051	29.0603	7
1786.445	1790.196	1429.196	100.4313	81.97396	98.77925	97.43403	40.56878	4.997213	54.43401	29.27567	25.15833	29.27705	7
1786.45	1790.201	1429.201	99.61707	92.58448	98.27184	96.52541	36.37236	7.318036	56.3096	27.54065	28.76895	28.7807	7
1786.455	1790.206	1429.206	101.0921	83.50566	99.40467	98.96806	39.86452	5.117047	55.01844	23.3178	31.70063	29.06998	7
1786.46	1790.211	1429.211	99.44007	65.32017	98.89726	97.71723	36.91444	10.46835	52.6172	23.56316	29.05404	28.67073	7
1786.465	1790.215	1429.215	101.1629	88.78307	100.3959	99.08606	31.389	11.75026	56.86074	21.80518	35.05556	28.27149	7
1786.47	1790.22	1429.22	96.70241	90.00844	97.02102	98.34264	26.78254	15.28496	57.9325	36.72327	21.20923	27.41415	7
1786.475	1790.225	1429.225	99.05066	71.64192	99.06246	97.78803	31.4446	14.17954	54.37587	25.33369	29.04218	28.15198	7
1786.48	1790.23	1429.23	100.5847	52.05005	100.5729	101.5051	34.95742	14.07418	50.96839	29.13625	21.83214	28.01556	7
1786.485	1790.235	1429.235	99.44007	39.40654	98.89726	97.85883	43.18554	8.719183	48.09527	19.32493	28.77034	29.45075	7
1786.49	1790.24	1429.24	99.98288	51.98043	100.7027	101.2573	29.85792	18.58812	51.55395	33.75719	17.79677	27.58469	7
1786.495	1790.245	1429.245	103.9832	54.44508	103.6764	102.4255	33.53753	15.24051	51.22196	19.73347	31.48849	28.27416	7
1786.5	1790.25	1429.25	104.5496	42.60919	103.759	102.6379	39.63025	10.97785	49.39191	21.92239	27.46952	29.05952	7
1786.505	1790.255	1429.255	106.0836	52.34247	105.0098	103.8062	38.05833	10.42243	51.51924	29.98402	21.53522	28.99236	7
1786.51	1790.26	1429.26	104.6204	58.34396	103.3341	102.7559	39.59827	8.058571	52.34316	30.5382	21.80495	29.13958	7
1786.515	1790.265	1429.265	102.4845	41.84334	102.2721	101.2809	37.23428	13.69615	49.06957	30.59838	18.47119	28.60236	7
1786.52	1790.27	1429.27	103.2161	75.12307	103.7472	104.0304	22.74603	22.64134	54.61263	41.36323	13.2494	27.21279	7
1786.525	1790.275	1429.275	105.4464	72.70019	105.942	106.5084	21.5549	25.16942	53.27569	27.39081	25.88488	26.94081	7
1786.53	1790.28	1429.28	107.535	82.80943	107.5704	108.125	20.75353	24.33229	54.91417	29.48548	25.4287	26.98204	7
1786.535	1790.285	1429.285	108.2666	97.61125	108.4083	109.5883	15.67534	27.42642	56.89824	47.31933	9.578914	26.80741	7
1786.54	1790.289	1429.289	109.3169	142.0585	109.3759	108.3138	4.593066	31.08028	64.32665	57.02091	7.305735	-9999	7
1786.545	1790.294	1429.294	106.8034	117.9411	107.9008	109.1045	4.694077	36.20241	59.10351	59.10351	0	-9999	7
1786.55	1790.299	1429.299	109.8951	195.7377	111.7595	114.1196	0	56.74096	43.25904	43.25904	0	-9999	7
1786.555	1790.304	1429.304	107.5114	128.8301	108.4791	109.4703	2.413533	36.88787	60.69859	60.69859	0	-9999	7
1786.56	1790.309	1429.309	111.5825	201.5582	110.9571	111.6533	0	30.43068	69.56932	69.56932	0	-9999	7
1786.565	1790.314	1429.314	106.8742	107.442	107.476	108.7505	11.01071	30.65452	58.33477	36.35472	21.98005	26.91678	7
1786.57	1790.319	1429.319	113.0103	146.3473	112.6917	112.6445	3.083647	32.45326	64.46309	64.46309	0	-9999	7
1786.575	1790.324	1429.324	109.7063	110.4915	110.1547	109.4349	8.856114	33.89425	57.24963	42.68367	14.56596	27.09381	7
1786.58	1790.329	1429.329	105.4818	120.6982	106.1308	107.0276	8.717936	29.87379	61.40828	58.4598	2.94848	27.33335	7
1786.585	1790.334	1429.334	108.7623	126.1288	108.2194	107.5114	13.62234	22.92105	63.4566	44.78705	18.66955	27.70374	7
1786.59	1790.339	1429.339	108.4319	66.46198	108.066	106.4848	26.9939	20.32321	52.68289	35.88849	16.79441	27.67349	7
1786.595	1790.344	1429.344	114.4382	83.43604	113.1519	112.7153	24.49361	17.4338	58.07259	31.22088	26.85171	27.70815	7
1786.6	1790.349	1429.349	112.4793	126.2819	111.3937	111.5943	14.37235	20.882	64.74564	41.27581	23.46984	27.66483	7
1786.605	1790.354	1429.354	115.63	154.7298	114.1668	112.4321	7.51581	21.00268	71.48151	63.31917	8.162341	-9999	7
1786.61	1790.359	1429.359	120.1849	154.34	118.7689	114.7686	3.053853	26.54384	70.40231	70.40231	0	-9999	7
1786.615	1790.364	1429.364	122.8045	141.6825	123.1704	124.787	0	66.05618	33.94382	33.94382	0	-9999	7
1786.62	1790.368	1429.368	127.6308	161.3022	128.5631	129.6251	0	100	0	0	0	-9999	7
1786.625	1790.373	1429.373	130.9467	183.5955	132.7168	133.8378	0	100	0	0	0	-9999	7
1786.63	1790.378	1429.378	131.8671	233.4733	133.2596	132.7522	0	100	0	0	0	-9999	7
1786.635	1790.383	1429.383	134.3452	202.0177	135.596	137.4014	0	100	0	0	0	-9999	7
1786.64	1790.388	1429.388	136.1978	252.8702	136.894	138.7585	0	100	0	0	0	-9999	7
1786.645	1790.393	1429.393	138.1921	284.2284	139.5963	139.8323	0	100	0	0	0	-9999	7
1786.65	1790.398	1429.398	141.1775	222.459	142.9122	144.4816	0	100	0	0	0	-9999	7
1786.655	1790.403	1429.403	139.7143	211.1244	140.2571	142.4284	0	100	0	0	0	-9999	7
1786.66	1790.408	1429.408	130.6399	193.9971	131.6901	132.3391	0	100	0	0	0	-9999	7
1786.665	1790.413	1429.413	128.6221	181.8131	130.0381	132.9646	0	100	0	0	0	-9999	7
1786.67	1790.418	1429.418	124.9876	188.6083	125.4242	127.7134	0	78.37822	21.62178	21.62178	0	-9999	7
1786.675	1790.423	1429.423	122.3915	134.6506	122.7573	120.6687	0	64.26339	35.73661	35.73661	0	-9999	7
1786.68	1790.428	1429.428	122.2263	139.3571	121.4711	121.3177	0	41.08048	58.91952	58.91952	0	-9999	7
1786.685	1790.433	1429.433	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1791.035	1794.727	1433.727	118.6509	124.2629	120.1967	121.3177	0	74.21418	25.78582	25.78582	0	-9999	11
1791.04	1794.732	1433.732	119.9135	141.0281	121.2705	122.8281	0	76.41376	23.58624	23.58624	0	-9999	11
1791.045	1794.737	1433.737	120.8339	233.6822	121.9903	123.8194	0	82.07117	17.92883	17.92883	0	-9999	11
1791.05	1794.742	1433.742	115.5946	196.5036	115.4412	112.8687	0	42.48163	57.51837	57.51837	0	-9999	11
1791.055	1794.747	1433.747	115.217	182.0916	114.863	112.1135	0	37.92504	62.07496	62.07496	0	-9999	11
1791.06	1794.752	1433.752	114.9102	209.6205	115.4766	113.2464	0	52.55696	47.44304	47.44304	0	-9999	11
1791.065	1794.757	1433.757	119.0049	259.3034	120.2085	120.4799	0	78.18953	21.81047	21.81047	0	-9999	11
1791.07	1794.762	1433.762	123.1586	254.3462	124.9758	124.2324	0	100	0	0	0	-9999	11

1791.075	1794.766	1433.766	121.8605	251.1714	123.0642	122.0257	0	88.18259	11.81741	11.81741	0	-9999	11
1791.08	1794.771	1433.771	120.1259	164.9226	120.4681	122.2499	0	59.09304	40.90696	40.90696	0	-9999	11
1791.085	1794.776	1433.776	123.076	287.0829	125.6012	129.6015	0	100	0	0	0	-9999	11
1791.09	1794.781	1433.781	127.1352	317.2296	129.9437	134.357	0	100	0	0	0	-9999	11
1791.095	1794.786	1433.786	127.5954	259.3173	129.7667	133.6726	0	100	0	0	0	-9999	11
1791.1	1794.791	1433.791	119.8663	300.172	120.6451	122.2853	0	75.76008	24.23992	24.23992	0	-9999	11
1791.105	1794.796	1433.796	134.0974	336.5848	134.2036	134.9234	0	100	0	0	0	-9999	11
1791.11	1794.801	1433.801	139.4193	256.4767	139.6435	142.865	0	100	0	0	0	-9999	11
1791.115	1794.806	1433.806	130.9703	206.014	132.4453	135.2538	0	100	0	0	0	-9999	11
1791.12	1794.811	1433.811	132.0559	241.0483	134.711	136.6934	0	100	0	0	0	-9999	11
1791.125	1794.816	1433.816	131.9143	200.3467	133.2596	136.0562	0	100	0	0	0	-9999	11
1791.13	1794.821	1433.821	124.669	300.1999	126.1794	130.2977	0	100	0	0	0	-9999	11
1791.135	1794.826	1433.826	128.5749	313.47	130.4511	133.6372	0	100	0	0	0	-9999	11
1791.14	1794.831	1433.831	125.259	242.6914	126.2974	126.852	0	98.07581	1.92419	1.92419	0	-9999	11
1791.145	1794.836	1433.836	118.5683	232.4011	118.1671	117.872	0	46.65799	53.34201	53.34201	0	-9999	11
1791.15	1794.84	1433.84	115.0754	302.1771	115.7126	115.1462	0	60.24567	39.75433	39.75433	0	-9999	11
1791.155	1794.845	1433.845	114.2966	224.0185	113.3998	111.8303	0	31.91724	68.08276	68.08276	0	-9999	11
1791.16	1794.85	1433.85	112.4675	241.5496	112.4321	112.6681	0	41.62754	58.37246	58.37246	0	-9999	11
1791.165	1794.855	1433.855	113.6004	228.6136	114.9574	117.813	0	62.05263	37.94737	37.94737	0	-9999	11
1791.17	1794.86	1433.86	115.1698	274.3976	117.5062	120.0905	0	85.22644	14.77356	14.77356	0	-9999	11
1791.175	1794.865	1433.865	118.6273	182.1195	119.8663	120.0197	0	72.34554	27.65446	27.65446	0	-9999	11
1791.18	1794.87	1433.87	121.4003	217.2651	120.7041	119.5359	0	45.86411	54.13589	54.13589	0	-9999	11
1791.185	1794.875	1433.875	122.7337	318.7752	121.3885	119.4651	0	42.32523	57.67477	57.67477	0	-9999	11
1791.19	1794.88	1433.88	122.3443	248.1777	123.6306	127.3594	0	91.7507	8.249297	8.249297	0	-9999	11
1791.195	1794.885	1433.885	119.2881	262.2972	119.8545	118.5565	0	67.46857	32.53143	32.53143	0	-9999	11
1791.2	1794.89	1433.89	118.2969	226.0237	118.4503	115.8778	0	55.07588	44.92412	44.92412	0	-9999	11
1791.205	1794.895	1433.895	115.6654	224.854	116.7628	119.4533	0	63.62457	36.37543	36.37543	0	-9999	11
1791.21	1794.9	1433.9	116.6684	264.72	118.0372	119.4533	0	73.74375	26.25625	26.25625	0	-9999	11
1791.215	1794.905	1433.905	115.4884	293.6832	116.4088	118.8869	0	65.0221	34.9779	34.9779	0	-9999	11
1791.22	1794.91	1433.91	116.3498	253.3158	117.4826	119.9843	0	68.08832	31.91168	31.91168	0	-9999	11
1791.225	1794.915	1433.915	118.2615	228.0009	118.7807	122.0375	0	61.44001	38.55999	38.55999	0	-9999	11
1791.23	1794.919	1433.919	118.1435	277.9066	119.8427	122.2735	0	85.54327	14.45673	14.45673	0	-9999	11
1791.235	1794.924	1433.924	115.866	304.2241	118.3087	123.6306	0	91.68837	8.311634	8.311634	0	-9999	11
1791.24	1794.929	1433.929	112.3141	302.3164	113.3998	116.8572	0	59.98768	40.01232	40.01232	0	-9999	11
1791.245	1794.934	1433.934	114.332	265.7644	115.1226	115.3468	0	58.25926	41.74074	41.74074	0	-9999	11
1791.25	1794.939	1433.939	113.6594	293.1122	115.099	116.5268	0	67.76233	32.23767	32.23767	0	-9999	11
1791.255	1794.944	1433.944	109.9305	300.7429	111.4291	111.2757	0	59.46666	40.53334	40.53334	0	-9999	11
1791.26	1794.949	1433.949	109.0101	374.1533	110.3789	102.2957	0	60.80982	39.19018	39.19018	0	-9999	11
1791.265	1794.954	1433.954	108.5263	326.1692	108.9393	110.9689	0	46.10211	53.89789	53.89789	0	-9999	11
1791.27	1794.959	1433.959	109.2343	349.465	109.7299	112.9159	0	49.74418	50.25582	50.25582	0	-9999	11
1791.275	1794.964	1433.964	103.818	351.0106	102.8031	101.5523	0	29.44958	70.55042	70.55042	0	-9999	11
1791.28	1794.969	1433.969	101.3517	329.8592	101.2809	105.8358	0	33.12281	66.87719	66.87719	0	-9999	11
1791.285	1794.974	1433.974	102.2249	234.1974	102.2603	106.06	0	28.31508	71.68492	71.68492	0	-9999	11
1791.29	1794.979	1433.979	92.25372	210.08	93.35114	95.06218	0	23.68943	76.31057	76.31057	0	-9999	10
1791.295	1794.984	1433.984	91.92331	115.017	93.59895	96.2422	14.61028	19.80491	65.58481	39.144	26.44082	27.33231	10
1791.3	1794.989	1433.989	92.45432	78.53459	93.23314	95.48699	29.90083	13.42684	56.67233	40.26925	16.40308	27.3475	10
1791.305	1794.993	1433.993	92.66673	78.17255	92.37172	92.28912	38.11515	8.442622	53.44223	35.87659	17.56564	28.28655	10
1791.31	1794.998	1433.998	91.84071	63.30111	90.96749	89.78747	46.95512	4.442973	48.60191	18.93577	29.66614	29.57111	10
1791.315	1795.003	1434.003	88.58384	47.70559	87.87583	87.09701	52.44522	2.773778	44.781	24.15183	20.62916	30.31046	10
1791.32	1795.008	1434.008	85.84619	42.53957	86.10579	86.17659	48.71499	4.671062	46.61395	18.92837	27.68558	29.54242	10
1791.325	1795.013	1434.013	84.41836	60.46049	85.23257	85.20897	41.39349	6.986223	51.62029	29.76302	21.85726	28.49616	10
1791.33	1795.018	1434.018	83.39174	75.38763	84.33576	84.92577	37.71964	7.850889	54.42947	32.17109	22.25838	27.90189	10
1791.335	1795.023	1434.023	82.80173	97.27706	83.16753	83.69854	37.44636	7.293096	55.26055	29.67944	25.58111	27.54263	10
1791.34	1795.028	1434.028	81.7633	92.09712	83.09673	85.84619	32.15619	9.265512	58.57829	38.1974	20.38089	27.04484	10
1791.345	1795.033	1434.033	83.73394	88.24002	84.45376	84.73696	36.03212	8.198188	55.76969	35.93804	19.83165	27.69918	10
1791.35	1795.038	1434.038	83.93455	92.86297	84.48916	86.80201	36.00914	8.093146	55.89772	27.95834	27.93938	27.26068	10
1791.355	1795.043	1434.043	83.74574	90.02236	84.20595	84.09975	37.60188	7.516456	54.88166	35.60327	19.2784	27.81433	10
1791.36	1795.048	1434.048	81.8105	78.04723	82.58932	83.96995	39.81108	6.739114	53.4498	21.88704	31.56277	27.78481	10
1791.365	1795.053	1434.053	79.86346	96.85933	80.41808	81.6689	38.78742	6.55341	54.65917	37.62725	17.03193	27.36206	10
1791.37	1795.058	1434.058	81.18509	70.20769	81.5981	82.35332	45.11864	4.916238	49.96512	18.45466	31.51047	28.41208	10
1791.375	1795.063	1434.063	79.32065	86.03993	80.01687	80.20567	40.80767	5.962393	53.22993	25.79911	27.43083	27.83764	10
1791.38	1795.068	1434.068	79.58026	82.99045	79.43866	79.86346	47.7999	3.778225	48.42188	16.32207	32.09981	28.43384	10
1791.385	1795.072	1434.072	81.18509	83.08792	81.19689	82.01111	45.11099	4.707417	50.1816	34.28202	15.89957	28.17815	10
1791.39	1795.077	1434.077	79.50946	86.63869	79.94607	80.93729	42.50102	5.427093	52.07189	21.21024	30.86165	27.795	10
1791.395	1795.082	1434.082	78.28223	110.5611	79.16725	79.93427	34.36567	7.656697	57.97764	35.31514	22.6625	27.01078	10
1791.4	1795.087	1434.087	79.32065	113.527	79.93427	82.35332	34.79596	7.611021	57.59302	36.66378	20.92924	26.69713	10
1791.405	1795.092	1434.092	77.07861	117.4538	77.65682	80.14667	36.18273	6.95424	56.86303	37.48239	19.38064	26.54062	10
1791.41	1795.097	1434.097	77.78662	113.8752	78.42384	81.5981	35.94012	7.102322	56.95756	26.94518	30.01238	26.50958	10
1791.415	1795.102	1434.102	76.01659	114.2511	76.20539	78.90764	40.95274	5.559561	53.4877	36.66612	16.82158	26.68277	10
1791.42	1795.107	1434.107	74.47075	118.8462	75.70978	78.96665	33.12367	7.503773	59.37255	33.7367	25.63586	26.23792	10
1791.425	1795.112	1434.112	75.29677	120.9767	76.76	79.36785	30.11058	8.438215	61.4512	33.04903	28.40218	26.38602	10
1791.43	1795.117	1434.117	74.41175	127.3681	75.89858	77.72762	29.19518	8.559708	62.24511	33.30415	28.94096	26.39355	10
1791.435	1795.122	1434.122	77.99903	92.94652	79.74546	81.04349	32.21296	8.438713	59.34833	39.28947	20.05886	27.21927	10

1791.44	1795.127	1434.127	77.59782	99.46322	79.63926	81.89311	28.71873	9.397469	61.8838	28.63674	33.24706	26.96109	10
1791.445	1795.132	1434.132	77.12581	120.9628	80.50068	83.62774	13.61603	13.91413	72.46984	60.78543	11.68442	27.55449	10
1791.45	1795.137	1434.137	79.37965	61.42129	80.20567	81.25589	45.70513	4.652318	49.64255	34.75917	14.88337	28.49708	10
1791.455	1795.142	1434.142	81.23229	59.59717	81.86951	83.62774	45.90537	4.832827	49.2618	17.13355	32.12825	28.48378	10
1791.46	1795.147	1434.147	79.94607	65.83538	80.68948	81.7279	44.75599	4.97991	50.2641	16.38843	33.87567	28.35504	10
1791.465	1795.151	1434.151	79.62746	83.46389	80.33547	82.54212	41.05736	5.944634	52.998	23.81797	29.18003	27.53754	10
1791.47	1795.156	1434.156	79.01385	106.6205	80.73668	82.61292	28.15314	9.829387	62.01748	33.63318	28.3843	26.94216	10
1791.475	1795.161	1434.161	78.96665	86.65261	80.64228	82.42412	33.39459	8.334202	58.27121	23.33961	34.9316	27.269	10
1791.48	1795.166	1434.166	79.76906	87.2096	80.77208	82.48312	37.73433	7.01928	55.24639	24.41589	30.8305	27.39958	10
1791.485	1795.171	1434.171	78.63624	84.43861	79.96967	82.78992	36.88645	7.149303	55.96424	34.94532	21.01892	27.18056	10
1791.49	1795.176	1434.176	79.61566	67.31138	80.71308	82.66012	41.95921	5.850956	52.18983	28.73221	23.45762	27.93176	10
1791.495	1795.181	1434.181	80.05227	65.19485	81.07889	82.28251	42.61845	5.725911	51.65564	35.4434	16.21224	28.16643	10
1791.5	1795.186	1434.186	82.10551	61.07317	82.73092	82.95513	44.83627	5.291723	49.87201	34.9774	14.89461	28.66945	10
1791.505	1795.191	1434.191	80.79568	75.52688	81.7397	82.25891	40.07432	6.550188	53.3755	30.48164	22.89386	27.96872	10
1791.51	1795.196	1434.196	80.05227	96.30234	80.91369	82.28251	36.37076	7.390511	56.23873	22.23895	33.99978	27.26347	10
1791.515	1795.201	1434.201	79.46226	92.90475	80.18207	82.25891	38.83321	6.543359	54.62343	27.99461	26.62882	27.26593	10
1791.52	1795.206	1434.206	79.94607	92.16674	80.35907	80.40628	40.94445	5.907258	53.14829	31.62385	21.52444	27.78521	10
1791.525	1795.211	1434.211	82.87253	144.3839	83.52154	83.67494	23.78652	11.34416	64.86931	43.05518	21.81413	26.88828	10
1791.53	1795.216	1434.216	85.40958	166.9138	85.94059	84.87857	16.9147	13.76392	69.32137	47.27964	22.04174	27.3206	10
1791.535	1795.221	1434.221	85.06737	147.5726	86.2828	87.26222	16.6059	14.5888	68.8053	42.2962	26.50909	27.22394	10
1791.54	1795.225	1434.225	86.12939	137.909	86.84921	87.51002	21.80842	12.85404	65.33754	39.21626	26.12128	27.07135	10
1791.545	1795.23	1434.23	83.45074	172.6647	84.04075	83.33274	16.86787	13.35343	69.7787	55.72222	14.05648	27.11688	10
1791.55	1795.235	1434.235	85.89339	213.0181	86.4126	88.46584	5.403818	17.09223	77.50395	63.53649	13.96746	-9999	10
1791.555	1795.24	1434.24	88.26524	190.5856	89.74027	92.85553	1.242776	20.73359	78.02364	78.02364	0	-9999	10
1791.56	1795.245	1434.245	94.95597	256.421	96.79681	102.5789	0	33.586	66.414	66.414	0	-9999	10
1791.565	1795.25	1434.25	99.42827	287.0829	103.0273	109.3169	0	55.07919	44.92081	44.92081	0	-9999	10
1791.57	1795.255	1434.255	104.6204	178.5687	105.588	106.1898	0	35.37413	64.62587	64.62587	0	-9999	10
1791.575	1795.26	1434.26	107.6648	155.4122	107.0394	105.883	8.18556	22.89955	68.91489	60.4815	8.433385	28.26578	10
1791.58	1795.265	1434.265	108.8803	150.8727	108.8803	108.8331	3.318956	30.41091	66.27014	66.27014	0	-9999	10
1791.585	1795.27	1434.27	103.6528	114.5018	103.1335	102.4609	20.95392	17.27238	61.77369	42.91049	18.8632	27.69679	10
1791.59	1795.275	1434.275	110.4143	210.9433	107.5468	104.821	9.593368	6.084677	84.32196	61.3053	23.01665	29.95448	10
1791.595	1795.28	1434.28	107.7592	187.0906	105.7768	105.9066	10.9495	12.36613	76.68437	64.20317	12.4812	28.59713	10
1791.6	1795.285	1434.285	116.3498	206.4736	117.1522	119.3707	0	59.57611	40.42389	40.42389	0	-9999	10
1791.605	1795.29	1434.29	111.4881	281.9587	111.5589	113.0103	0	44.04868	55.95132	55.95132	0	-9999	10
1791.61	1795.295	1434.295	104.6912	248.5118	103.1099	98.13024	0	18.57276	81.42724	81.42724	0	-9999	10
1791.615	1795.3	1434.3	101.4225	205.1646	101.8001	102.6261	0	28.07793	71.92207	71.92207	0	-9999	11
1791.62	1795.304	1434.304	100.7853	250.2663	100.9151	98.14204	0	28.64711	71.35289	71.35289	0	-9999	11
1791.625	1795.309	1434.309	104.5378	252.3968	103.4757	101.8827	0	22.91424	77.08576	77.08576	0	-9999	11
1791.63	1795.314	1434.314	106.7208	252.1044	105.0098	101.8591	0	18.72217	81.27783	81.27783	0	-9999	11
1791.635	1795.319	1434.319	104.821	268.1037	101.4697	97.56383	4.655935	6.390215	88.95385	77.97523	10.97862	-9999	11
1791.64	1795.324	1434.324	104.8918	303.4304	103.7236	103.7	0	25.733	74.267	74.267	0	-9999	11
1791.645	1795.329	1434.329	104.7148	300.8404	104.3844	102.5317	0	32.40087	67.59913	67.59913	0	-9999	11
1791.65	1795.334	1434.334	104.9154	290.4527	105.3992	104.2428	0	39.02188	60.97812	60.97812	0	-9999	11
1791.655	1795.339	1434.339	108.3729	214.4802	108.2194	109.0691	0	32.41506	67.58494	67.58494	0	-9999	11
1791.66	1795.344	1434.344	116.1728	260.6123	117.3882	114.4264	0	69.40061	30.59939	30.59939	0	-9999	11
1791.665	1795.349	1434.349	116.4088	228.8225	117.459	117.99	0	65.25944	34.74056	34.74056	0	-9999	11
1791.67	1795.354	1434.354	114.5326	289.6868	113.1165	110.2963	0	29.74018	70.25982	70.25982	0	-9999	11
1791.675	1795.359	1434.359	110.9689	285.8854	107.9716	105.3048	0	9.817393	90.18261	90.18261	0	-9999	11
1791.68	1795.364	1434.364	106.65	193.6351	105.883	103.1571	0.966663	23.17075	75.86259	75.86259	0	-9999	11
1791.685	1795.369	1434.369	111.4055	236.8988	110.4969	106.9096	0	29.31343	70.68657	70.68657	0	-9999	11
1791.69	1795.374	1434.374	117.4118	372.4962	117.754	116.5032	0	66.00295	33.99705	33.99705	0	-9999	11
1791.695	1795.379	1434.379	123.1704	335.3455	123.4654	127.5128	0	78.75703	21.24297	21.24297	0	-9999	11
1791.7	1795.383	1434.383	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1792.03	1795.709	1434.709	133.2596	100.0063	132.5869	134.1564	0	70.49376	29.50624	29.50624	0	-9999	-9999
1792.035	1795.714	1434.714	124.5628	121.1995	124.315	125.4124	0	56.28293	43.71707	43.71707	0	-9999	-9999
1792.04	1795.719	1434.719	130.2387	111.6333	129.5779	129.0233	0	61.57357	38.42643	38.42643	0	-9999	-9999
1792.045	1795.724	1434.724	128.6221	106.2027	128.4333	127.796	0	69.55833	30.44167	30.44167	0	-9999	-9999
1792.05	1795.729	1434.729	129.3891	116.5208	128.9997	128.1501	0	67.15176	32.84824	32.84824	0	-9999	-9999
1792.055	1795.734	1434.734	128.3389	100.0898	127.8669	127.796	1.364585	60.32915	38.30627	38.30627	0	-9999	-9999
1792.06	1795.739	1434.739	130.2977	111.0345	129.5897	128.4569	0	60.30299	39.69701	39.69701	0	-9999	-9999
1792.065	1795.744	1434.744	130.7815	98.82269	130.0145	128.6339	1.710291	59.16233	39.12738	39.12738	0	-9999	-9999
1792.07	1795.749	1434.749	129.3065	85.65004	129.5307	130.0145	0	82.8119	17.1881	17.1881	0	-9999	-9999
1792.075	1795.754	1434.754	132.6932	123.2046	131.1709	129.4363	0	41.96104	58.03896	58.03896	0	-9999	-9999
1792.08	1795.759	1434.759	131.5603	146.3751	130.2269	129.2593	0	47.03432	52.96568	52.96568	0	-9999	-9999
1792.085	1795.764	1434.764	131.8553	84.6614	131.5013	130.7815	0.948591	74.99581	24.0556	24.0556	0	-9999	-9999
1792.09	1795.768	1434.768	132.7168	79.92705	132.7168	133.1062	0	90.34894	9.651058	9.651058	0	-9999	-9999
1792.095	1795.773	1434.773	133.6962	98.69737	133.0472	132.3745	0	72.82743	27.17257	27.17257	0	-9999	-9999
1792.1	1795.778	1434.778	135.6668	98.62775	134.3924	133.1416	1.195422	56.34341	42.46116	42.46116	0	-9999	-9999
1792.105	1795.783	1434.783	133.0354	92.59841	132.1267	131.6075	2.240451	61.13286	36.62669	36.62669	0	-9999	-9999
1792.11	1795.788	1434.788	133.6372	93.64275	132.9056	129.5307	0.062275	69.3456	30.59213	30.59213	0	-9999	-9999
1792.115	1795.793	1434.793	128.4097	63.02261	128.9053	130.2033	2.770659	85.34759	11.88175	10.97287	0.908877	-9999	-9999
1792.12	1795.798	1434.798	125.6012	63.73277	125.8962	126.0732	6.737265	68.71002	24.55271	24.55271	0	-9999	-9999
1792.125	1795.803	1434.803	126.852	70.36086	126.6868	127.1942	7.549129	61.78726	30.66361	21.26501	9.3986	-9999	-9999

1792.13	1795.808	1434.808	128.1855	119.0272	127.3358	126.321	0	50.95051	49.04949	49.04949	0	-9999	-9999
1792.135	1795.813	1434.813	124.8578	123.7198	123.6896	121.7071	4.244372	36.3111	59.44453	59.44453	0	-9999	-9999
1792.14	1795.818	1434.818	124.728	111.7725	123.9846	120.9991	3.962765	44.77135	51.26588	48.41768	2.848204	-9999	-9999
1792.145	1795.823	1434.823	122.2735	135.7785	120.9283	119.0285	5.075463	29.31764	65.6069	65.6069	0	-9999	-9999
1792.15	1795.828	1434.828	119.2409	83.32464	118.5801	117.4826	15.25514	33.4213	51.32356	32.49103	18.83253	26.0891	-9999
1792.155	1795.833	1434.833	122.4977	81.83471	122.4033	121.6245	8.229693	51.31326	40.45705	40.45705	0	24.11594	-9999
1792.16	1795.838	1434.838	125.9906	84.73102	125.141	124.0318	10.16826	43.34355	46.48819	29.36376	17.12443	24.64625	-9999
1792.165	1795.842	1434.842	125.1882	145.1219	122.9698	119.1701	6.900315	15.19145	77.90824	66.2833	11.62494	-9999	-9999
1792.17	1795.847	1434.847	124.8342	143.8687	123.6306	117.9428	0	36.84203	63.15797	63.15797	0	-9999	-9999
1792.175	1795.852	1434.852	131.7373	82.9069	131.7255	130.7579	0	85.71486	14.28514	14.28514	0	-9999	-9999
1792.18	1795.857	1434.857	132.5397	162.3048	133.767	135.8084	0	100	0	0	0	-9999	-9999
1792.185	1795.862	1434.862	136.2804	114.5296	136.1742	135.8792	0	100	0	0	0	-9999	-9999
1792.19	1795.867	1434.867	136.1152	109.9206	136.1034	135.5724	0	100	0	0	0	-9999	-9999
1792.195	1795.872	1434.872	138.4281	156.4843	139.3839	140.1863	0	100	0	0	0	-9999	-9999
1792.2	1795.877	1434.877	140.5285	231.5656	141.2365	142.1687	0	100	0	0	0	-9999	10
1792.205	1795.882	1434.882	143.5494	223.378	145.9566	148.3875	0	100	0	0	0	-9999	10
1792.21	1795.887	1434.887	142.7234	218.4905	144.34	148.4937	0	100	0	0	0	-9999	10
1792.215	1795.892	1434.892	144.0922	190.0983	145.5672	148.1161	0	100	0	0	0	-9999	10
1792.22	1795.897	1434.897	142.0389	219.1449	143.691	145.9802	0	100	0	0	0	-9999	10
1792.225	1795.902	1434.902	138.8529	188.8868	139.9031	143.4904	0	100	0	0	0	-9999	10
1792.23	1795.907	1434.907	143.9978	235.8683	146.8888	149.8035	0	100	0	0	0	-9999	10
1792.235	1795.912	1434.912	142.3103	239.9343	143.3016	145.7088	0	100	0	0	0	-9999	10
1792.24	1795.917	1434.917	132.6105	243.8053	133.4602	134.357	0	100	0	0	0	-9999	10
1792.245	1795.921	1434.921	133.7788	164.7138	134.6048	134.1328	0	100	0	0	0	-9999	10
1792.25	1795.926	1434.926	132.4925	133.5088	133.2832	133.8378	0	100	0	0	0	-9999	10
1792.255	1795.931	1434.931	132.6223	174.8509	134.5812	138.4045	0	100	0	0	0	-9999	10
1792.26	1795.936	1434.936	127.9141	175.1293	128.7283	129.2357	0	99.78963	0.210372	0.210372	0	-9999	10
1792.265	1795.941	1434.941	131.2889	203.5494	131.5013	132.7522	0	99.24192	0.758082	0.758082	0	-9999	10
1792.27	1795.946	1434.946	127.737	186.8399	129.1531	130.3803	0	100	0	0	0	-9999	10
1792.275	1795.951	1434.951	124.846	209.3281	125.8726	126.7576	0	93.69739	6.30261	6.30261	0	-9999	10
1792.28	1795.956	1434.956	124.2206	316.6169	126.97	131.5013	0	100	0	0	0	-9999	10
1792.285	1795.961	1434.961	133.0236	274.4951	134.0502	134.9234	0	100	0	0	0	-9999	10
1792.29	1795.966	1434.966	136.0208	384.0954	138.1921	142.5818	0	100	0	0	0	-9999	10
1792.295	1795.971	1434.971	136.5754	394.0793	137.7083	140.7763	0	100	0	0	0	-9999	10
1792.3	1795.976	1434.976	131.1237	470.1493	132.5043	131.4069	0	100	0	0	0	-9999	10
1792.305	1795.981	1434.981	127.6898	449.9865	126.4272	122.9462	0	61.388	38.612	38.612	0	-9999	10
1792.31	1795.986	1434.986	130.6045	247.6903	132.0795	133.8614	0	100	0	0	0	-9999	10
1792.315	1795.991	1434.991	133.9676	331.377	135.7966	138.0269	0	100	0	0	0	-9999	10
1792.32	1795.996	1434.996	125.8844	273.1305	128.5867	130.7107	0	100	0	0	0	-9999	10
1792.325	1796	1435	123.7014	206.8495	124.787	126.8992	0	90.04515	9.954854	9.954854	0	-9999	10
1792.33	1796.005	1435.005	127.678	252.2715	130.1089	134.8998	0	100	0	0	0	-9999	10
1792.335	1796.01	1435.01	128.2091	287.9462	129.9437	136.2922	0	100	0	0	0	-9999	10
1792.34	1796.015	1435.015	126.793	291.6641	128.3271	131.8907	0	100	0	0	0	-9999	10
1792.345	1796.02	1435.02	127.2178	204.914	128.3979	130.0263	0	100	0	0	0	-9999	10
1792.35	1796.025	1435.025	126.8638	162.8618	128.6575	129.4363	0	100	0	0	0	-9999	10
1792.355	1796.03	1435.03	124.8342	199.9012	125.8254	125.1292	0	92.13146	7.868536	7.868536	0	-9999	10
1792.36	1796.035	1435.035	118.8279	220.8019	120.5861	123.4654	0	85.41556	14.58444	14.58444	0	-9999	10
1792.365	1796.04	1435.04	120.7867	211.8902	122.3561	125.6012	0	88.94086	11.05914	11.05914	0	-9999	10
1792.37	1796.045	1435.045	117.6714	204.0368	117.8248	116.5504	0	52.11956	47.88044	47.88044	0	-9999	10
1792.375	1796.05	1435.05	118.1671	243.9724	119.0993	118.6627	0	69.49964	30.50036	30.50036	0	-9999	10
1792.38	1796.055	1435.055	117.4236	196.9074	117.4354	120.9401	0	48.75289	51.24711	51.24711	0	-9999	10
1792.385	1796.06	1435.06	118.6627	321.8108	117.8248	115.4884	0	45.5461	54.4539	54.4539	0	-9999	10
1792.39	1796.065	1435.065	112.4793	300.5062	112.2433	114.037	0	43.0936	56.9064	56.9064	0	-9999	10
1792.395	1796.07	1435.07	114.9456	211.0408	115.7952	119.6775	0	56.95497	43.04503	43.04503	0	-9999	10
1792.4	1796.074	1435.074	123.9374	236.2861	124.6572	124.7634	0	84.4016	15.5984	15.5984	0	-9999	10
1792.405	1796.079	1435.079	128.3979	321.9779	129.1531	131.2063	0	100	0	0	0	-9999	10
1792.41	1796.084	1435.084	116.2082	201.6278	116.7864	117.3174	0	55.31527	44.68473	44.68473	0	-9999	10
1792.415	1796.089	1435.089	111.8893	231.7467	113.2582	113.7302	0	57.94141	42.05859	42.05859	0	-9999	10
1792.42	1796.094	1435.094	113.5296	182.9967	114.804	116.5032	0	57.59842	42.40158	42.40158	0	-9999	10
1792.425	1796.099	1435.099	114.5208	206.585	116.3144	117.577	0	69.78949	30.21051	30.21051	0	-9999	10
1792.43	1796.104	1435.104	111.6533	172.3723	111.9837	111.6061	0	40.12439	59.87561	59.87561	0	-9999	10
1792.435	1796.109	1435.109	114.1432	132.7429	115.925	118.6863	0	63.43276	36.56724	36.56724	0	-9999	10
1792.44	1796.114	1435.114	120.1731	148.2271	122.6393	124.8342	0	100	0	0	0	-9999	10
1792.445	1796.119	1435.119	116.7038	209.8155	118.5211	121.1171	0	77.77656	22.22344	22.22344	0	-9999	10
1792.45	1796.124	1435.124	117.931	131.5733	119.3471	122.0729	0	69.76385	30.23615	30.23615	0	-9999	10
1792.455	1796.129	1435.129	122.0847	176.0901	123.3474	124.2088	0	85.29747	14.70253	14.70253	0	-9999	10
1792.46	1796.134	1435.134	123.9374	291.2324	125.1764	129.1885	0	100	0	0	0	-9999	10
1792.465	1796.139	1435.139	119.0403	224.3806	119.5713	118.6273	0	63.55571	36.44429	36.44429	0	-9999	10
1792.47	1796.144	1435.144	114.9692	214.0068	117.282	121.1997	0	80.02279	19.97721	19.97721	0	-9999	10
1792.475	1796.149	1435.149	121.0699	248.9017	122.958	126.2502	0	99.40359	0.596406	0.596406	0	-9999	10
1792.48	1796.153	1435.153	120.9165	328.2579	122.7101	124.9404	0	100	0	0	0	-9999	10
1792.485	1796.158	1435.158	133.2832	371.8	134.4632	136.2686	0	100	0	0	0	-9999	10
1792.49	1796.163	1435.163	131.3597	261.7402	131.6901	132.4925	0	100	0	0	0	-9999	10

1792.495	1796.168	1435.168	127.7724	259.1363	129.7667	130.7107	0	100	0	0	0	-9999	10
1792.5	1796.173	1435.173	129.5189	285.036	132.0559	134.652	0	100	0	0	0	-9999	10
1792.505	1796.178	1435.178	127.8551	285.398	129.8139	131.2299	0	100	0	0	0	-9999	10
1792.51	1796.183	1435.183	118.7925	220.607	120.5271	122.8753	0	84.8146	15.1854	15.1854	0	-9999	10
1792.515	1796.188	1435.188	116.6802	221.4007	118.1907	120.1849	0	73.24425	26.75575	26.75575	0	-9999	10
1792.52	1796.193	1435.193	116.0666	240.7419	117.6832	120.3973	0	74.29339	25.70661	25.70661	0	-9999	10
1792.525	1796.198	1435.198	110.8745	277.6142	110.7565	110.1901	0	40.54514	59.45486	59.45486	0	-9999	10
1792.53	1796.203	1435.203	121.0817	335.4986	123.1232	128.6811	0	100	0	0	0	-9999	10
1792.535	1796.208	1435.208	129.3537	357.3463	131.5957	136.5872	0	100	0	0	0	-9999	10
1792.54	1796.213	1435.213	130.7461	356.5387	131.8317	134.947	0	100	0	0	0	-9999	10
1792.545	1796.218	1435.218	125.377	380.1408	125.79	128.7047	0	92.17056	7.82944	7.82944	0	-9999	10
1792.55	1796.223	1435.223	128.1147	399.4264	131.2771	131.1473	0	100	0	0	0	-9999	10
1792.555	1796.227	1435.227	129.3301	311.4091	130.2033	130.0145	0	100	0	0	0	-9999	10
1792.56	1796.232	1435.232	127.6426	250.9904	129.8375	134.3924	0	100	0	0	0	-9999	10
1792.565	1796.237	1435.237	130.6163	414.9801	134.357	139.9267	0	100	0	0	0	-9999	10
1792.57	1796.242	1435.242	135.7376	522.9512	136.3158	135.0886	0	100	0	0	0	-9999	10
1792.575	1796.247	1435.247	136.186	417.7093	138.5107	141.1067	0	100	0	0	0	-9999	10
1792.58	1796.252	1435.252	135.3364	337.838	137.2834	137.0946	0	100	0	0	0	-9999	10
1792.585	1796.257	1435.257	128.9525	339.5925	129.5779	131.4541	0	100	0	0	0	-9999	10
1792.59	1796.262	1435.262	125.1646	272.7545	127.4302	130.5101	0	100	0	0	0	-9999	10
1792.595	1796.267	1435.267	132.9292	276.7927	135.2066	137.8381	0	100	0	0	0	-9999	10
1792.6	1796.272	1435.272	136.2214	328.6478	137.1654	137.2834	0	100	0	0	0	-9999	10
1792.605	1796.277	1435.277	137.366	350.9271	139.3485	140.5049	0	100	0	0	0	-9999	10
1792.61	1796.282	1435.282	139.7733	320.5437	141.5197	143.0184	0	100	0	0	0	-9999	10
1792.615	1796.287	1435.287	145.1542	326.7958	147.4907	148.5527	0	100	0	0	0	-9999	10
1792.62	1796.292	1435.292	136.835	163.9618	137.425	138.2865	0	100	0	0	0	-9999	10
1792.625	1796.297	1435.297	133.1062	174.1686	134.357	137.2008	0	100	0	0	0	-9999	10
1792.63	1796.302	1435.302	132.4807	197.8125	133.1416	132.6814	0	100	0	0	0	-9999	10
1792.635	1796.306	1435.306	131.6783	261.3921	131.1355	129.8375	0	80.11439	19.88561	19.88561	0	-9999	10
1792.64	1796.311	1435.311	141.6377	218.9082	142.8414	141.8383	0	100	0	0	0	-9999	10
1792.645	1796.316	1435.316	139.3957	437.0366	140.1273	136.5164	0	100	0	0	0	-9999	10
1792.65	1796.321	1435.321	138.2157	316.8676	140.7055	140.7763	0	100	0	0	0	-9999	10
1792.655	1796.326	1435.326	141.1421	331.377	143.8208	149.3669	0	100	0	0	0	-9999	10
1792.66	1796.331	1435.331	140.7763	526.3488	144.6232	150.4053	0	100	0	0	0	-9999	10
1792.665	1796.336	1435.336	141.9445	460.9451	144.6586	157.3439	0	100	0	0	0	-9999	10
1792.67	1796.341	1435.341	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1793.035	1796.701	1435.701	108.066	219.7019	108.5971	110.1665	0	39.4176	60.5824	60.5824	0	-9999	10
1793.04	1796.706	1435.706	118.2143	268.2569	120.0905	121.5773	0	88.43511	11.56489	11.56489	0	-9999	10
1793.045	1796.711	1435.711	128.1973	262.7845	128.5395	127.2768	0	93.52002	6.479976	6.479976	0	-9999	10
1793.05	1796.716	1435.716	130.2151	267.6303	128.9053	120.3855	0	52.96355	47.03645	47.03645	0	-9999	10
1793.055	1796.721	1435.721	137.9325	295.8415	140.0683	144.6468	0	100	0	0	0	-9999	10
1793.06	1796.726	1435.726	122.8281	292.3603	123.8666	122.5803	0	91.16328	8.836724	8.836724	0	-9999	10
1793.065	1796.731	1435.731	132.5515	167.0113	133.2832	134.8526	0	100	0	0	0	-9999	10
1793.07	1796.736	1435.736	134.7464	245.894	136.0326	133.8614	0	100	0	0	0	-9999	10
1793.075	1796.741	1435.741	129.0705	321.4627	130.1561	129.1767	0	100	0	0	0	-9999	10
1793.08	1796.746	1435.746	128.1619	405.0937	130.0617	139.9739	0	100	0	0	0	-9999	10
1793.085	1796.751	1435.751	126.8638	291.2185	128.1501	130.7107	0	100	0	0	0	-9999	10
1793.09	1796.756	1435.756	125.1174	316.5473	127.7134	135.6668	0	100	0	0	0	-9999	10
1793.095	1796.761	1435.761	137.425	298.0833	140.0801	143.3252	0	100	0	0	0	-9999	10
1793.1	1796.766	1435.766	143.16	355.9956	144.5524	141.7085	0	100	0	0	0	-9999	10
1793.105	1796.77	1435.77	144.163	320.0006	146.4876	151.6207	0	100	0	0	0	-9999	10
1793.11	1796.775	1435.775	139.9739	246.1864	141.1303	146.3342	0	100	0	0	0	-9999	10
1793.115	1796.78	1435.78	139.9149	318.1069	141.2601	146.6056	0	100	0	0	0	-9999	10
1793.12	1796.785	1435.785	133.6372	334.5518	134.5104	134.4632	0	100	0	0	0	-9999	10
1793.125	1796.79	1435.79	135.537	296.4959	137.9089	141.5433	0	100	0	0	0	-9999	10
1793.13	1796.795	1435.795	142.8414	393.2995	144.8946	148.8713	0	100	0	0	0	-9999	10
1793.135	1796.8	1435.8	134.7464	201.4746	136.3276	140.7173	0	100	0	0	0	-9999	10
1793.14	1796.805	1435.805	124.02	193.3148	125.3652	127.1234	0	96.72745	3.272548	3.272548	0	-9999	10
1793.145	1796.81	1435.81	118.6863	157.7793	120.1849	122.4977	0	75.72414	24.27586	24.27586	0	-9999	10
1793.15	1796.815	1435.815	116.8454	232.7771	118.4031	118.9223	0	75.36808	24.63192	24.63192	0	-9999	10
1793.155	1796.82	1435.82	113.0811	244.3205	113.0811	111.7713	0	43.31621	56.68379	56.68379	0	-9999	10
1793.16	1796.825	1435.825	110.8509	279.8978	110.7683	112.2079	0	41.07694	58.92306	58.92306	0	-9999	10
1793.165	1796.83	1435.83	122.8753	314.8624	124.846	129.5897	0	100	0	0	0	-9999	10
1793.17	1796.835	1435.835	134.7464	259.8047	136.658	140.1509	0	100	0	0	0	-9999	10
1793.175	1796.84	1435.84	136.0208	207.8939	136.8232	137.7201	0	100	0	0	0	-9999	10
1793.18	1796.844	1435.844	146.7944	248.4144	149.5911	152.5176	0	100	0	0	0	-9999	10
1793.185	1796.849	1435.849	142.747	289.088	144.9182	151.1959	0	100	0	0	0	-9999	10
1793.19	1796.854	1435.854	137.8145	279.0902	138.8411	139.1125	0	100	0	0	0	-9999	10
1793.195	1796.859	1435.859	134.1092	309.5154	136.3512	138.7231	0	100	0	0	0	-9999	10
1793.2	1796.864	1435.864	137.7437	320.8918	141.2837	142.8886	0	100	0	0	0	-9999	10
1793.205	1796.869	1435.869	139.3485	282.3903	141.4725	144.34	0	100	0	0	0	-9999	10
1793.21	1796.874	1435.874	132.5043	313.4839	135.0768	137.0238	0	100	0	0	0	-9999	10
1793.215	1796.879	1435.879	115.5474	241.0483	117.7776	120.4681	0	82.63476	17.36524	17.36524	0	-9999	10

1793.22	1796.884	1435.884	117.9192	240.0736	120.6687	123.2176	0	100	0	0	0	-9999	10
1793.225	1796.889	1435.889	121.1879	278.4636	123.9728	126.7812	0	100	0	0	0	-9999	10
1793.23	1796.894	1435.894	123.2648	305.2406	125.0702	128.0321	0	100	0	0	0	-9999	10
1793.235	1796.899	1435.899	115.6654	449.4156	118.2851	117.6596	0	100	0	0	0	-9999	10
1793.24	1796.904	1435.904	110.9099	286.6095	112.9041	116.2672	0	67.23712	32.76288	32.76288	0	-9999	10
1793.245	1796.909	1435.909	103.0155	177.1066	104.3372	106.9568	0	35.82961	64.17039	64.17039	0	-9999	10
1793.25	1796.914	1435.914	93.97655	122.8147	94.75537	96.72601	17.78458	17.69102	64.5244	34.65577	29.86863	27.19322	1
1793.255	1796.919	1435.919	81.6335	86.20703	81.33849	81.23229	46.32138	4.250488	49.42814	19.19729	30.23085	28.41649	1
1793.26	1796.923	1435.923	77.42081	40.11669	77.12581	75.39117	61.35091	0	38.64909	11.9297	26.71939	31.42054	1
1793.265	1796.928	1435.928	77.68042	78.9384	76.06379	73.44413	61.95983	0	38.04017	23.08915	14.95103	30.76005	1
1793.27	1796.933	1435.933	75.10797	52.9273	74.24655	71.9455	64.76825	0	35.23175	9.650417	25.58133	30.70903	1
1793.275	1796.938	1435.938	75.55638	58.91487	74.35275	72.26411	65.55883	0	34.44117	17.03663	17.40454	30.50843	1
1793.28	1796.943	1435.943	75.26137	49.79427	75.10797	73.79814	59.8982	0.314746	39.78705	22.29979	17.48727	30.86226	1
1793.285	1796.948	1435.948	76.13459	68.30003	74.96636	72.47651	62.48131	0	37.51869	13.1119	24.40679	30.88994	1
1793.29	1796.953	1435.953	76.40599	61.05925	75.24957	73.72734	63.89243	0	36.10757	15.78781	20.31976	30.58009	1
1793.295	1796.958	1435.958	78.40023	74.9699	77.46802	70.88348	56.95377	1.10228	41.94395	28.70097	13.24298	31.01817	1
1793.3	1796.963	1435.963	76.01659	62.00612	76.27619	76.27619	53.04732	2.180053	44.77263	20.27889	24.49374	29.34347	1
1793.305	1796.968	1435.968	75.74518	51.49307	75.94578	74.21115	56.29843	1.268714	42.43286	23.87119	18.56167	30.33374	1
1793.31	1796.973	1435.973	72.68892	31.56701	72.19331	71.15489	69.32796	0	30.67204	6.263851	24.40819	30.09016	1
1793.315	1796.978	1435.978	80.22927	84.43861	80.20567	78.43564	45.93783	4.377588	49.68458	22.43182	27.25276	28.64381	1
1793.32	1796.983	1435.983	85.96419	102.7216	86.08219	88.53664	35.13981	8.308641	56.55155	26.99903	29.55252	27.11349	1
1793.325	1796.988	1435.988	88.59564	134.7759	87.35662	87.26222	35.47868	6.707349	57.81397	40.58144	17.23253	27.32561	1
1793.33	1796.993	1435.993	90.49548	101.0924	91.00289	92.25372	28.34736	12.25789	59.39474	29.15226	30.24248	27.30189	1
1793.335	1796.998	1435.998	87.84043	101.2316	88.12363	85.14997	32.4939	9.749024	57.75707	28.8055	28.95157	28.10759	1
1793.34	1797.002	1436.002	86.2592	66.79617	87.04981	86.271	38.34959	8.381066	53.26934	36.97547	16.29387	28.35453	1
1793.345	1797.007	1436.007	86.86101	65.43157	87.98203	87.87583	35.5655	9.875639	54.55886	21.86823	32.69063	28.0964	1
1793.35	1797.012	1436.012	87.20322	89.39575	87.84043	86.5424	33.20087	9.909217	56.88992	29.53876	27.35116	27.94231	1
1793.355	1797.017	1436.017	84.61896	84.45253	84.51276	80.38268	42.53611	5.757597	51.70629	29.64565	22.06065	28.9877	1
1793.36	1797.022	1436.022	81.5863	100.1177	80.71308	74.50615	47.47957	3.650752	48.86968	18.06676	30.80292	29.41505	1
1793.365	1797.027	1436.027	82.38872	129.5124	81.29129	74.62416	41.36539	5.232479	53.40213	28.73031	24.67182	28.51209	1
1793.37	1797.032	1436.032	82.23531	115.1284	80.57148	73.24353	49.37716	2.74576	47.87708	32.00845	15.86863	29.61612	1
1793.375	1797.037	1436.037	84.79597	115.3651	83.71034	76.01659	42.48293	4.887467	52.6296	30.31275	22.31685	29.18188	1
1793.38	1797.042	1436.042	87.71063	85.95639	88.30064	81.07889	33.93218	9.802839	56.26498	37.65275	18.61223	29.11279	1
1793.385	1797.047	1436.047	89.31546	81.41697	89.62227	87.69883	35.74912	9.342659	54.90822	37.51467	17.39355	28.30818	1
1793.39	1797.052	1436.052	90.41288	78.70168	90.34208	90.08247	38.32305	8.225415	53.45153	35.99986	17.45167	28.23469	1
1793.395	1797.057	1436.057	88.40684	103.3621	88.54844	83.25013	32.55466	9.660349	57.785	41.12132	16.66368	28.53128	1
1793.4	1797.062	1436.062	83.94635	98.50243	83.12033	77.98723	45.3334	4.292629	50.37397	35.0888	15.28516	29.17526	1
1793.405	1797.067	1436.067	81.99931	79.42576	81.4093	79.02565	49.9122	3.112315	46.97549	30.97458	16.00091	29.37776	1
1793.41	1797.072	1436.072	85.46858	89.52108	83.96995	79.20265	51.31919	2.042037	46.63877	20.66863	25.97014	30.07737	1
1793.415	1797.076	1436.076	90.87309	110.394	91.4985	89.94087	24.83446	13.66575	61.4998	40.22748	21.27232	27.73982	1
1793.42	1797.081	1436.081	91.92331	135.1519	92.71393	95.22738	16.59652	16.88182	66.52166	54.71881	11.80285	27.09384	1
1793.425	1797.086	1436.086	92.99713	151.4993	95.40438	97.92964	0	27.26208	72.73792	72.73792	0	-9999	1
1793.43	1797.091	1436.091	95.52239	142.7408	96.2894	100.6555	11.63176	20.36753	68.00071	48.96155	19.03916	27.02639	1
1793.435	1797.096	1436.096	95.64039	120.3501	95.89999	97.18622	20.87418	16.11511	63.01071	33.606	29.40471	27.24561	1
1793.44	1797.101	1436.101	97.74083	153.6855	99.92388	102.5081	0	32.58106	67.41894	67.41894	0	-9999	1
1793.445	1797.106	1436.106	94.40136	125.711	95.71119	100.1245	12.57752	21.14083	66.28165	52.07885	14.20281	27.00825	1
1793.45	1797.111	1436.111	90.66069	149.6892	89.79927	78.74244	27.04338	9.854317	63.1023	28.16978	34.93252	29.12657	1
1793.455	1797.116	1436.116	93.44554	170.0051	92.77293	83.19113	18.10162	13.27546	68.62292	47.70708	20.91584	29.06044	1
1793.46	1797.121	1436.121	94.25976	126.4769	95.28638	82.01111	14.7173	19.51179	65.77091	47.94193	17.82898	30.13927	1
1793.465	1797.126	1436.126	91.4749	111.7029	90.76689	86.97901	34.2981	8.268364	57.43354	22.56091	34.87263	28.36972	1
1793.47	1797.131	1436.131	97.92964	194.5959	99.44007	99.66427	0	31.0978	68.9022	68.9022	0	-9999	1
1793.475	1797.136	1436.136	98.93266	187.7032	97.69363	91.1209	13.16022	14.07643	72.76335	54.06211	18.70124	29.01218	1
1793.48	1797.141	1436.141	100.2071	182.1334	98.33084	98.13024	18.27405	10.26184	71.46411	49.29634	22.16777	27.75948	1
1793.485	1797.146	1436.146	100.0773	181.0334	97.11542	94.24796	27.07325	3.569883	69.35687	41.19317	28.1637	28.3441	1
1793.49	1797.151	1436.151	96.3366	137.7558	94.94417	91.59291	28.82474	8.745211	62.43004	38.9125	23.51755	28.18254	1
1793.495	1797.155	1436.155	96.1714	106.2306	96.2422	92.71393	25.2658	14.52141	60.21278	32.90386	27.30893	28.18512	1
1793.5	1797.16	1436.16	98.31904	130.4593	99.67607	101.6113	7.458358	26.24686	66.29478	53.46973	12.82505	-9999	1
1793.505	1797.165	1436.165	103.1217	176.8281	103.2043	101.5877	1.695423	25.7601	72.54448	72.54448	0	-9999	1
1793.51	1797.17	1436.17	98.72025	138.9255	99.16866	103.1571	12.08224	21.25924	66.65852	53.61048	13.04804	27.02054	1
1793.515	1797.175	1436.175	93.75235	98.5442	91.69911	88.39504	45.81277	2.173706	52.01353	28.08832	23.92521	29.646	1
1793.52	1797.18	1436.18	91.60471	128.677	87.45102	85.43318	56.7749	0	43.2251	16.81345	26.41165	24.79985	1
1793.525	1797.185	1436.185	91.81711	136.7811	88.21804	84.40656	50.32006	0	49.67994	22.46491	27.21503	27.50878	1
1793.53	1797.19	1436.19	90.21228	84.81457	88.20624	84.18235	52.0264	0.853694	47.11991	31.64769	15.47222	30.50892	1
1793.535	1797.195	1436.195	91.93511	128.3846	89.97627	85.38598	39.53165	4.270693	56.19766	30.94458	25.25308	28.75873	1
1793.54	1797.2	1436.2	88.76085	132.0746	86.212	81.97571	46.13158	1.943519	51.9249	34.78873	17.13617	28.99702	1
1793.545	1797.205	1436.205	84.63076	86.65261	82.61292	80.38268	56.80804	0.182157	43.00981	21.78524	21.22457	30.45795	1
1793.55	1797.21	1436.21	81.5627	29.26945	81.25589	81.12609	60.25686	0.352976	39.39017	28.63516	10.75501	31.46086	1
1793.555	1797.215	1436.215	80.68948	24.38193	80.28827	79.48586	62.97461	0	37.02539	20.56474	16.46064	31.49601	1
1793.56	1797.22	1436.22	81.5391	37.37355	81.5037	81.5627	56.21398	1.620795	42.16522	29.75525	12.40997	30.54894	1
1793.565	1797.225	1436.225	80.26467	48.01193	79.94607	79.87526	57.00682	1.187842	41.80534	28.63346	13.17188	30.45137	1
1793.57	1797.23	1436.23	80.37088	39.7825	80.41808	80.66588	56.06562	1.59161	42.34277	25.04901	17.29376	30.38983	1
1793.575	1797.234	1436.234	79.82806	34.08735	80.07587	79.96967	56.38855	1.52438	42.08707	19.03026	23.05681	30.58543	1
1793.58	1797.239	1436.239	83.62774	55.87931	83.09673	81.84591	53.65502	2.18315	44.16183	22.32039	21.84144	30.17869	1

1793.585	1797.244	1436.244	83.48614	53.91594	82.32972	78.71884	59.10738	0.21662	40.676	13.15346	27.52254	31.58249	1
1793.59	1797.249	1436.249	84.00535	33.25188	83.50974	82.12911	58.5091	0.883637	40.60726	27.51138	13.09588	31.4225	1
1793.595	1797.254	1436.254	84.97297	30.60621	83.98175	82.43592	62.10012	0	37.89988	8.005898	29.89398	31.5895	1
1793.6	1797.259	1436.259	86.684	30.62013	86.2238	85.17357	56.40727	1.778483	41.81425	16.50732	25.30693	31.14808	1
1793.605	1797.264	1436.264	87.42742	39.67111	87.21502	88.15904	51.6125	3.566754	44.82075	27.67057	17.15017	29.87847	1
1793.61	1797.269	1436.269	93.13874	98.75307	92.41892	90.23588	35.99268	8.0964	55.91092	35.9734	19.93751	28.36482	1
1793.615	1797.274	1436.274	95.14478	90.81606	95.38078	94.05916	28.66028	13.60246	57.73726	31.88335	25.85391	27.89958	1
1793.62	1797.279	1436.279	99.99468	103.0697	101.4225	102.9447	11.99635	27.13833	60.86532	35.65462	25.2107	27.24021	1
1793.625	1797.284	1436.284	100.7145	129.2757	102.5317	104.2664	1.97435	32.92154	65.10411	65.10411	0	-9999	1
1793.63	1797.289	1436.289	103.582	143.1307	103.4285	103.9242	11.25585	22.07388	66.67027	52.76362	13.90665	27.68243	1
1793.635	1797.294	1436.294	101.2337	137.8533	103.4639	105.234	0	37.65848	62.34152	62.34152	0	-9999	1
1793.64	1797.299	1436.299	100.8325	138.3546	102.6969	101.3871	0	34.0924	65.9076	65.9076	0	-9999	1
1793.645	1797.304	1436.304	101.7175	182.1334	102.4137	98.99166	0	29.28304	70.71696	70.71696	0	-9999	1
1793.65	1797.308	1436.308	98.70845	94.72887	99.90028	103.0863	17.0272	23.21082	59.76198	42.74261	17.01937	26.84924	1
1793.655	1797.313	1436.313	99.71147	106.342	100.2189	102.0361	18.59826	20.4758	60.92594	42.06531	18.86063	27.1131	1
1793.66	1797.318	1436.318	99.15686	91.77686	99.75867	101.9063	21.90164	19.54404	58.55432	38.90351	19.65081	27.03635	1
1793.665	1797.323	1436.323	97.36322	65.89108	98.20104	99.87668	27.98711	17.42624	54.58665	33.95122	20.63543	27.31743	1
1793.67	1797.328	1436.328	99.45187	89.00587	100.8325	102.2957	16.26499	25.09885	58.63616	43.05834	15.57781	27.10171	1
1793.675	1797.333	1436.333	97.89424	76.11171	97.38682	96.60801	35.4507	10.36249	54.18681	27.68604	26.50078	28.33985	1
1793.68	1797.338	1436.338	94.74357	83.7563	93.50454	90.99109	42.16934	5.28244	52.54822	23.80406	28.74416	29.20851	1
1793.685	1797.343	1436.343	98.42525	38.64069	98.08304	97.18622	42.74983	9.207346	48.04282	29.28643	18.75639	29.26279	1
1793.69	1797.348	1436.348	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1794.015	1797.669	1436.669	109.1281	55.68437	109.0927	103.1925	26.40092	23.95731	49.64178	27.87442	21.76736	28.05184	1
1794.02	1797.674	1436.674	105.411	52.64881	105.175	106.2842	32.10992	17.19077	50.69931	33.47093	17.22838	27.5566	1
1794.025	1797.679	1436.679	106.6854	35.60513	107.181	106.9096	29.392	24.47175	46.13626	31.2936	14.84266	27.09445	3
1794.03	1797.684	1436.684	98.76745	131.7404	97.15082	96.2658	29.78168	7.969584	62.24874	40.65366	21.59508	27.96663	3
1794.035	1797.689	1436.689	103.7354	172.9571	100.1481	97.83523	30.50922	0	69.49078	39.52511	29.96567	26.99957	3
1794.04	1797.693	1436.693	107.3934	251.0322	103.1335	95.61679	13.46238	0	86.53762	55.94764	30.58998	27.0625	3
1794.045	1797.698	1436.698	105.2576	203.2013	101.7765	95.09758	20.96661	0.957973	78.07541	50.0436	28.03181	29.78078	3
1794.05	1797.703	1436.703	103.7118	119.7374	102.6497	97.74083	23.8394	13.39826	62.76234	29.02656	33.73578	28.65612	3
1794.055	1797.708	1436.708	104.703	101.6772	103.4757	98.74385	28.57837	11.51124	59.91039	25.89214	34.01826	28.85416	3
1794.06	1797.713	1436.713	99.93568	80.73467	99.10966	97.41043	34.92302	10.00321	55.07377	33.40765	21.66612	28.53956	3
1794.065	1797.718	1436.718	99.82947	91.26165	98.23644	95.82919	38.41757	5.770342	55.81209	20.63061	35.18148	29.08883	3
1794.07	1797.723	1436.723	101.1039	106.342	99.82947	98.31904	31.12646	9.423901	59.44964	33.18747	26.26217	28.29978	3
1794.075	1797.728	1436.728	101.2927	182.1891	100.0537	95.79379	12.3234	14.88235	72.79425	53.64051	19.15374	28.75737	3
1794.08	1797.733	1436.733	101.9535	196.6846	100.8207	102.9329	7.384474	16.96814	75.64739	71.7136	3.933794	-9999	3
1794.085	1797.738	1436.738	103.1571	256.5602	100.7027	94.87337	2.029839	12.09489	85.87527	85.87527	0	-9999	3
1794.09	1797.743	1436.743	99.01526	195.2643	96.59621	92.40712	20.39964	7.641176	71.95918	37.85906	34.10013	28.34184	3
1794.095	1797.748	1436.748	94.87337	205.3039	91.01469	85.64558	32.93772	1.369997	65.69228	32.02168	33.67061	28.1368	3
1794.1	1797.753	1436.753	93.03254	192.2983	90.43648	84.73696	27.99328	6.053952	65.95277	34.15052	31.80225	27.93233	3
1794.105	1797.758	1436.758	89.12666	143.3395	87.00261	81.97571	39.77665	4.217884	56.00547	22.5339	33.47157	28.42581	3
1794.11	1797.763	1436.763	86.18839	87.80835	84.32396	80.25287	53.90645	0.924533	45.16901	27.35549	17.81352	30.42102	3
1794.115	1797.768	1436.768	86.15299	110.8674	84.08795	80.18207	49.9134	1.855882	48.23072	17.90691	30.32381	29.44993	3
1794.12	1797.772	1436.772	87.45102	91.31735	85.64558	80.86649	51.4384	1.552521	47.00908	14.19405	32.81503	30.22513	3
1794.125	1797.777	1436.777	91.67551	189.5691	88.32424	81.6335	35.75514	2.874828	61.37003	29.31501	32.05503	28.21011	3
1794.13	1797.782	1436.782	93.96475	151.3601	93.55175	91.62831	20.1241	13.54747	66.32843	32.67214	33.65629	27.69277	3
1794.135	1797.787	1436.787	95.87639	93.69845	96.077	97.11542	27.56401	14.17512	58.26087	38.37702	19.88385	27.4188	3
1794.14	1797.792	1436.792	98.86186	139.942	98.62585	96.4192	17.01018	17.04103	65.94879	37.38752	28.56128	27.98747	3
1794.145	1797.797	1436.797	95.03858	183.8601	96.44281	83.02593	0	26.27161	73.72839	73.72839	0	-9999	3
1794.15	1797.802	1436.802	98.03584	161.5947	100.9505	101.0567	0	38.69581	61.30419	61.30419	0	-9999	3
1794.155	1797.807	1436.807	98.18924	152.85	99.42827	96.77321	3.073743	26.81015	70.11611	70.11611	0	-9999	3
1794.16	1797.812	1436.812	96.1596	150.1069	96.82041	85.38598	10.086	20.85242	69.06159	57.70605	11.35554	30.03883	3
1794.165	1797.817	1436.817	96.92662	183.4423	96.82041	84.07615	7.25754	19.29084	73.45162	64.43878	9.012837	-9999	3
1794.17	1797.822	1436.822	98.64945	96.26057	98.55505	96.77321	26.67906	14.82201	58.49893	43.10114	15.39779	27.93311	3
1794.175	1797.827	1436.827	99.80587	141.0698	99.35747	95.03858	17.51486	16.46225	66.02288	53.71623	12.30665	28.39344	3
1794.18	1797.832	1436.832	96.78501	98.4885	96.98562	92.10032	25.56889	15.23516	59.19596	41.87199	17.32396	28.45067	3
1794.185	1797.837	1436.837	100.3723	99.56069	99.61707	97.32782	29.41673	12.02336	58.55991	37.54093	21.01898	28.242	3
1794.19	1797.842	1436.842	103.582	135.1101	103.7826	100.7971	10.45327	24.42049	65.12624	60.16194	4.964301	28.24487	3
1794.195	1797.847	1436.847	100.5139	169.0722	100.4195	98.60225	7.343375	21.33177	71.32485	64.02814	7.296709	-9999	3
1794.2	1797.851	1436.851	99.53447	166.1341	101.5287	103.5702	0	34.86067	65.13933	65.13933	0	-9999	3
1794.205	1797.856	1436.856	102.5789	128.5238	102.8975	103.523	12.05542	23.76262	64.18196	58.07747	6.104493	27.49261	3
1794.21	1797.861	1436.861	101.8237	115.8942	101.8827	104.2664	17.81852	20.09888	62.0826	45.35678	16.72582	27.03097	3
1794.215	1797.866	1436.866	98.54325	132.5898	98.77925	100.9033	15.42445	19.28789	65.28766	47.6508	17.63686	27.20768	3
1794.22	1797.871	1436.871	99.32206	185.4057	97.91784	97.43403	14.6383	13.08796	72.27374	55.3512	16.92254	27.83634	3
1794.225	1797.876	1436.876	95.30998	91.60976	95.15658	95.93539	31.33413	11.6818	56.98407	22.60548	34.3786	27.63311	3
1794.23	1797.881	1436.881	96.3602	95.62004	97.04462	99.08606	22.90435	17.50187	59.59378	27.69915	31.89462	27.1252	3
1794.235	1797.886	1436.886	100.0183	116.7854	100.7499	104.7974	14.0511	23.08678	62.86212	43.72382	19.1383	26.79733	3
1794.24	1797.891	1436.891	98.54325	104.0444	99.00346	102.2721	20.59484	18.80605	60.59911	38.48059	22.11852	26.86013	3
1794.245	1797.896	1436.896	95.86459	122.021	95.73479	96.3838	23.28146	14.24393	62.47462	42.4867	19.98792	27.34649	3
1794.25	1797.901	1436.901	96.70241	110.032	96.82041	97.69363	23.49153	15.46499	61.04348	43.42538	17.6181	27.33857	3
1794.255	1797.906	1436.906	98.07124	97.84797	98.51965	100.2071	22.62008	17.85169	59.52823	40.11922	19.40901	27.16712	3
1794.26	1797.911	1436.911	96.254	152.7526	97.64643	98.67305	3.688877	25.47009	70.84103	64.80418	6.036852	-9999	3
1794.265	1797.916	1436.916	94.94417	217.1259	97.18622	98.34264	0	33.27	66.73	66.73	0	-9999	3

1794.27	1797.921	1436.921	94.81437	220.9273	97.51663	101.7411	0	36.09176	63.90824	63.90824	0	-9999	3
1794.275	1797.925	1436.925	93.11514	220.7462	95.08578	89.31546	0	29.73251	70.26749	70.26749	0	-9999	3
1794.28	1797.93	1436.93	91.4631	229.1706	92.39532	84.46556	0	23.52678	76.47322	76.47322	0	-9999	3
1794.285	1797.935	1436.935	92.27732	199.6784	92.99713	88.64285	1.204136	21.17835	77.61752	77.61752	0	-9999	3
1794.29	1797.94	1436.94	90.55448	194.1503	88.63104	79.85166	24.61216	8.605907	66.78194	39.6522	27.12974	28.25614	3
1794.295	1797.945	1436.945	90.67249	208.9661	87.74603	87.72243	28.69159	5.8297	65.47871	40.6288	24.84991	26.43727	3
1794.3	1797.95	1436.95	90.66069	201.5443	87.92303	79.17905	29.03529	6.028733	64.93597	27.42362	37.51235	28.13483	3
1794.305	1797.955	1436.955	89.95267	162.2213	88.22984	87.35662	31.33797	7.101779	61.56025	31.25923	30.30102	27.09841	3
1794.31	1797.96	1436.96	89.05585	140.304	86.6604	83.36814	42.67978	3.048593	54.27163	18.74332	35.5283	28.37883	3
1794.315	1797.965	1436.965	92.20652	160.3136	91.2035	84.77237	24.14752	10.57069	65.28179	42.49176	22.79003	28.28385	3
1794.32	1797.97	1436.97	90.84949	140.6521	89.16206	81.7987	35.45828	5.976413	58.56531	32.28087	26.28444	28.76285	3
1794.325	1797.975	1436.975	88.66645	127.744	85.82259	82.40052	49.55272	0.649894	49.79739	29.35754	20.43984	29.31945	3
1794.33	1797.98	1436.98	86.389	136.8368	83.79295	80.90189	47.52704	2.006794	50.46617	20.59641	29.86976	28.58788	3
1794.335	1797.985	1436.985	83.58054	138.4242	82.44772	82.18811	38.38663	6.009387	55.60398	29.31981	26.28417	27.08144	3
1794.34	1797.99	1436.99	82.31792	76.69654	82.42412	82.95513	44.88389	4.956131	50.15998	20.23397	29.92601	28.34469	3
1794.345	1797.995	1436.995	82.55392	55.53119	82.66012	82.82533	49.78878	3.619809	46.59141	26.41543	20.17598	29.31333	3
1794.35	1798	1437	82.86073	49.32084	82.49492	81.00809	54.6675	1.966313	43.36619	16.70342	26.66277	30.43977	3
1794.355	1798.004	1437.004	83.21473	54.26406	82.37692	78.51824	56.80363	1.070504	42.12587	22.24799	19.87788	31.17591	3
1794.36	1798.009	1437.009	85.17357	58.97056	83.92275	80.86649	57.06333	0.67224	42.26443	14.41046	27.85396	31.13141	3
1794.365	1798.014	1437.014	86.4126	93.53135	84.44196	81.14969	53.13829	1.011405	45.85031	24.87246	20.97785	30.08663	3
1794.37	1798.019	1437.019	86.03499	121.5337	83.99355	82.12911	47.25784	2.634069	50.1081	35.04309	15.06501	28.56783	3
1794.375	1798.024	1437.024	86.12939	149.9259	83.81655	82.36512	42.40347	3.733271	53.86326	25.65034	28.21292	27.58898	3
1794.38	1798.029	1437.029	86.4598	166.1341	84.34756	82.81353	36.62242	5.475868	57.90171	25.65235	32.24936	27.02997	3
1794.385	1798.034	1437.034	88.53664	161.6504	87.42742	86.84921	28.02338	8.974904	63.00172	36.14826	26.85345	26.91569	3
1794.39	1798.039	1437.039	92.15932	217.655	90.89669	89.07945	12.32627	13.29384	74.37989	55.92844	18.45145	27.60573	3
1794.395	1798.044	1437.044	95.80559	222.8767	96.1478	95.56959	0	23.63145	76.36855	76.36855	0	-9999	3
1794.4	1798.049	1437.049	94.25976	146.1662	95.01498	94.60197	12.05587	19.39003	68.5541	49.22025	19.33385	27.87329	3
1794.405	1798.054	1437.054	97.98864	151.0955	99.01526	100.9269	5.329021	25.06253	69.60845	68.66393	0.944527	-9999	3
1794.41	1798.059	1437.059	102.4019	145.8181	102.9211	104.5614	6.478358	26.30011	67.22153	59.21521	8.006327	-9999	3
1794.415	1798.064	1437.064	101.3399	142.1977	100.9505	103.3577	15.37335	18.15027	66.47638	45.81231	20.66407	27.21826	3
1794.42	1798.069	1437.069	100.3487	121.7565	100.9387	103.8062	13.64155	22.79428	63.56417	47.33036	16.23381	27.04416	3
1794.425	1798.074	1437.074	101.1983	110.0598	102.1187	106.3196	13.12984	25.46621	61.40395	54.05742	7.346536	26.68826	3
1794.43	1798.078	1437.078	102.1069	95.70359	102.8267	107.2282	17.3228	24.12541	58.55179	40.4134	18.13839	26.45914	3
1794.435	1798.083	1437.083	101.0213	90.76036	101.3399	103.7944	22.6272	19.48375	57.88906	32.44313	25.44593	26.95007	3
1794.44	1798.088	1437.088	98.15384	118.2196	98.38985	97.42223	19.26028	17.96431	62.77541	41.4508	21.3246	27.67607	3
1794.445	1798.093	1437.093	94.17716	165.3682	95.28638	102.9801	4.741428	22.50238	72.75619	67.56761	5.188583	-9999	3
1794.45	1798.098	1437.098	91.1327	137.2545	90.54268	92.15932	27.51492	10.34452	62.14056	33.59865	28.54191	26.92117	3
1794.455	1798.103	1437.103	77.64502	51.79941	77.14941	76.7364	59.8721	0.327034	39.80086	14.57883	25.22204	30.78335	3
1794.46	1798.108	1437.108	73.31433	38.75208	72.28771	69.70346	71.12913	0	28.87087	15.56868	13.3022	30.25065	6
1794.465	1798.113	1437.113	81.4211	130.1669	78.97845	76.7364	52.52274	1.751045	45.72622	26.45898	19.26724	28.72106	6
1794.47	1798.118	1437.118	86.03499	193.9971	83.28553	73.10193	35.20879	5.396787	59.39443	35.83434	23.56009	28.10291	6
1794.475	1798.123	1437.123	85.57478	137.8811	84.55996	79.32065	35.76883	6.832303	57.39886	35.65331	21.74556	28.02982	6
1794.48	1798.128	1437.128	84.24135	86.90326	83.79295	79.68646	44.94254	4.726734	50.33073	17.52258	32.80815	29.13716	6
1794.485	1798.133	1437.133	84.46556	102.5684	83.76934	78.71884	42.86579	5.107	52.02721	29.66151	22.36569	28.89277	6
1794.49	1798.138	1437.138	83.59234	109.9066	81.7751	78.23503	50.58123	2.180397	47.23838	23.53934	23.69903	29.25965	6
1794.495	1798.143	1437.143	80.78388	67.89622	79.20265	75.74518	61.50249	0	38.49751	26.26444	12.23306	30.93555	6
1794.5	1798.148	1437.148	82.34152	116.3259	80.20567	75.66258	52.64773	1.633106	45.71916	25.28281	20.43635	29.50348	6
1794.505	1798.153	1437.153	84.65436	117.969	82.56572	78.23503	49.75648	2.09669	48.14683	16.16095	31.98588	29.25688	6
1794.51	1798.157	1437.157	83.45074	103.752	80.71308	78.37663	59.33418	0	40.66582	9.722523	30.9433	29.55171	6
1794.515	1798.162	1437.162	83.23833	141.5711	78.81324	75.46197	63.45497	0	36.54503	13.13056	23.41447	27.60884	6
1794.52	1798.167	1437.167	82.87253	145.47	78.21143	75.87498	64.67703	0	35.32297	20.62588	14.69709	27.26675	6
1794.525	1798.172	1437.172	85.91699	154.0475	83.40354	77.05501	43.15611	3.395454	53.44843	22.60791	30.84052	28.4691	6
1794.53	1798.177	1437.177	85.92879	129.6238	85.59838	75.87498	32.1372	8.604442	59.25836	34.92672	24.33164	28.89697	6
1794.535	1798.182	1437.182	86.448	125.5857	85.69278	78.23503	35.92902	7.108172	56.96281	34.03782	22.925	28.67632	6
1794.54	1798.187	1437.187	88.02923	179.9194	86.10579	79.22625	30.37927	7.230072	62.39066	37.74148	24.64918	27.80567	6
1794.545	1798.192	1437.192	88.46584	209.9269	87.28582	78.64804	16.95432	11.95627	71.08941	39.13597	31.95344	28.27657	6
1794.55	1798.197	1437.197	88.60744	155.3704	86.87281	80.27647	34.32495	6.327559	59.3475	30.39835	28.94915	28.21012	6
1794.555	1798.202	1437.202	90.56628	226.4832	88.02923	84.48916	21.53225	8.45743	70.01032	45.88274	24.12758	27.02774	6
1794.56	1798.207	1437.207	91.68731	245.0725	88.27704	84.61896	22.76973	6.396181	70.83409	47.26623	23.56786	26.91823	6
1794.565	1798.212	1437.212	91.1563	164.4492	88.25344	84.27676	38.83666	2.907371	58.25597	30.28177	27.9742	28.11927	6
1794.57	1798.217	1437.217	91.3333	151.0955	89.57506	85.77539	33.03457	6.504204	60.46122	30.67549	29.78573	27.92374	6
1794.575	1798.222	1437.222	93.64615	194.5681	91.86431	92.05312	20.56931	9.859297	69.57139	42.17122	27.40018	26.98667	6
1794.58	1798.227	1437.227	93.97655	222.459	91.5221	88.07643	18.72849	8.770803	72.50071	49.7969	22.70381	27.55553	6
1794.585	1798.232	1437.232	94.82617	180.4764	93.04434	89.48066	22.89387	9.195336	67.91079	44.9824	22.92839	27.81911	6
1794.59	1798.236	1437.236	93.64615	149.5081	92.92633	86.90821	23.24314	11.76469	64.99217	46.1	18.89217	28.37528	6
1794.595	1798.241	1437.241	94.57837	179.1257	93.20954	84.66616	20.2479	11.0254	68.7267	39.45138	29.27532	28.78631	6
1794.6	1798.246	1437.246	94.99138	130.8492	93.81135	87.33302	30.08761	8.850847	61.06154	26.95848	34.10305	28.73518	6
1794.605	1798.251	1437.251	96.1596	91.98573	95.38078	90.94389	35.30845	8.85772	55.83383	30.11507	25.71877	28.90095	6
1794.61	1798.256	1437.256	89.46886	114.3625	88.11183	87.41562	40.52988	5.134857	54.33526	18.98072	35.35454	28.06122	6
1794.615	1798.261	1437.261	91.4395	128.8998	90.68429	89.55146	30.53483	9.211664	60.2535	35.22	25.0335	27.56624	6
1794.62	1798.266	1437.266	89.99987	112.6916	88.87885	87.88763	38.61669	6.08432	55.29899	26.75483	28.54416	28.02004	6
1794.625	1798.271	1437.271	89.22106	76.06994	88.13543	87.08521	47.92128	3.498094	48.58063	19.65442	28.92621	29.361	6
1794.63	1798.276	1437.276	91.88791	106.4534	90.82589	90.51908	37.93208	6.558219	55.5097	20.77211	34.73759	28.0247	6

1794.635	1798.281	1437.281	94.12996	157.5844	91.5457	88.64285	35.29298	3.823986	60.88304	28.29304	32.59	28.09208	6
1794.64	1798.286	1437.286	92.67853	110.8953	91.1091	88.53664	40.06219	4.910925	55.02688	19.26365	35.76323	28.645	6
1794.645	1798.291	1437.291	94.56657	75.55473	93.90575	93.57535	39.83582	7.524306	52.63987	19.18719	33.45269	28.56344	6
1794.65	1798.296	1437.296	102.5553	109.7117	101.6467	98.92086	26.14066	13.10376	60.75558	36.35421	24.40137	28.24598	6
1794.655	1798.301	1437.301	102.8621	69.78996	102.0243	100.2661	34.97075	11.15354	53.87571	30.21608	23.65963	28.61284	6
1794.66	1798.306	1437.306	103.4876	92.80728	102.9447	101.9063	26.53888	15.47731	57.98382	41.64935	16.33447	27.84191	6
1794.665	1798.31	1437.31	99.95928	76.33451	99.75867	99.82947	31.1192	13.8652	55.0156	30.28682	24.72878	27.83022	6
1794.67	1798.315	1437.315	91.56931	72.5331	90.18868	88.40684	48.9031	2.812551	48.28435	20.84335	27.44099	29.83592	6
1794.675	1798.32	1437.32	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1795.01	1798.651	1437.651	115.0754	103.7938	114.745	116.0076	11.5732	32.73848	55.68831	48.08008	7.608229	26.26002	6
1795.015	1798.656	1437.656	105.9656	104.128	105.3402	100.9269	22.15963	17.77549	60.06488	39.90631	20.15857	28.33396	6
1795.02	1798.661	1437.661	100.9387	164.5327	100.7735	99.54627	8.599799	20.90783	70.49237	67.3953	3.097069	28.27661	6
1795.025	1798.666	1437.666	99.52267	160.3554	100.5611	100.6555	1.585378	27.59289	70.82173	70.82173	0	-9999	6
1795.03	1798.671	1437.671	104.3608	143.2838	103.877	103.7472	13.06293	20.13983	66.79724	43.68704	23.1102	27.76746	6
1795.035	1798.676	1437.676	104.3962	140.2344	105.1042	108.7741	4.531695	30.13991	65.3284	65.3284	0	-9999	6
1795.04	1798.681	1437.681	102.6733	163.6694	103.3695	106.4848	0.536872	29.25997	70.20316	70.20316	0	-9999	6
1795.045	1798.686	1437.686	101.6113	168.6266	101.1157	99.47547	9.550942	19.39336	71.0557	65.17551	5.880188	28.33461	6
1795.05	1798.691	1437.691	97.98864	233.9467	97.37502	92.74933	0	20.44275	79.55725	79.55725	0	-9999	6
1795.055	1798.695	1437.695	99.32206	291.1767	99.29846	83.02593	0	29.00205	70.99795	70.99795	0	-9999	6
1795.06	1798.7	1437.7	99.19226	217.7525	99.06246	88.40684	0	23.24152	76.75848	76.75848	0	-9999	6
1795.065	1798.705	1437.705	97.31602	196.0719	96.84401	91.56931	6.677933	18.2887	75.03337	70.99955	4.033815	-9999	6
1795.07	1798.71	1437.71	94.51937	232.972	90.75509	82.05831	25.8361	3.720438	70.44346	39.95297	30.49049	28.30812	6
1795.075	1798.715	1437.715	94.34236	220.1196	91.3451	82.23531	23.16485	6.213635	70.62151	32.93698	37.68453	28.50198	6
1795.08	1798.72	1437.72	91.62831	232.8189	87.43922	81.91671	31.82521	2.688366	65.48642	25.72474	39.76168	27.32398	6
1795.085	1798.725	1437.725	93.87035	249.6397	90.96749	82.54212	15.72362	8.629689	75.64669	53.50896	22.13773	28.42121	6
1795.09	1798.73	1437.73	94.20076	288.4475	88.66645	81.7161	26.42193	0.374777	73.20329	46.05534	27.14795	27.3738	6
1795.095	1798.735	1437.735	96.1832	329.3161	92.78473	80.45348	0	11.59767	88.40233	88.40233	0	-9999	6
1795.1	1798.74	1437.74	96.2186	437.0923	91.2153	78.23503	0	11.53124	88.46876	88.46876	0	-9999	6
1795.105	1798.745	1437.745	92.94993	315.7118	93.53995	78.38843	0	28.90534	71.09466	71.09466	0	-9999	6
1795.11	1798.75	1437.75	92.05312	234.086	94.43676	77.05501	0	31.56061	68.43939	68.43939	0	-9999	6
1795.115	1798.755	1437.755	92.76113	175.9648	93.51635	85.04377	6.223354	20.13634	73.64031	64.6601	8.980213	-9999	6
1795.12	1798.76	1437.76	93.95295	182.6208	96.0652	88.99685	0	28.92536	71.07464	71.07464	0	-9999	6
1795.125	1798.765	1437.765	95.43978	185.0297	97.71723	89.02045	0	31.98621	68.01379	68.01379	0	-9999	6
1795.13	1798.77	1437.77	94.79077	179.2649	97.18622	89.83467	0	31.41542	68.58458	68.58458	0	-9999	6
1795.135	1798.774	1437.774	93.43374	221.164	97.51663	87.40382	0	42.18802	57.81198	57.81198	0	-9999	6
1795.14	1798.779	1437.779	94.14176	242.6774	97.58743	84.04075	0	41.00128	58.99872	58.99872	0	-9999	6
1795.145	1798.784	1437.784	93.39834	211.0408	96.73781	78.76604	0	37.05931	62.94069	62.94069	0	-9999	6
1795.15	1798.789	1437.789	92.53693	181.6182	95.02678	79.74546	0	29.1635	70.8365	70.8365	0	-9999	6
1795.155	1798.794	1437.794	93.58715	191.4768	95.14478	81.4093	0	26.07208	73.92792	73.92792	0	-9999	6
1795.16	1798.799	1437.799	95.38078	224.1856	98.64945	73.30253	0	40.70583	59.29417	59.29417	0	-9999	6
1795.165	1798.804	1437.804	92.87913	252.9259	95.28638	74.91916	0	33.96109	66.03891	66.03891	0	-9999	6
1795.17	1798.809	1437.809	94.49577	235.4645	98.59045	86.86101	0	45.15112	54.84888	54.84888	0	-9999	6
1795.175	1798.814	1437.814	95.29818	184.6955	98.59045	93.26854	0	38.05161	61.94839	61.94839	0	-9999	6
1795.18	1798.819	1437.819	95.01498	159.0882	97.25702	93.33934	0	29.44684	70.55316	70.55316	0	-9999	6
1795.185	1798.824	1437.824	94.69637	144.9548	96.98562	97.52843	0.058614	28.34696	71.59443	71.59443	0	-9999	6
1795.19	1798.829	1437.829	95.15658	144.0219	99.38107	98.68485	0	41.08483	58.91517	58.91517	0	-9999	6
1795.195	1798.834	1437.834	95.73479	123.2325	98.74385	99.23946	0	32.8194	67.1806	67.1806	0	-9999	6
1795.2	1798.839	1437.839	93.36294	144.913	94.88517	86.82561	7.239849	22.50638	70.25377	66.78807	3.465707	-9999	6
1795.205	1798.844	1437.844	89.88187	123.873	86.5778	81.5627	52.93794	0	47.06206	11.88553	35.17653	28.60323	6
1795.21	1798.849	1437.849	87.68703	107.623	85.88159	83.35634	47.2753	2.693377	50.03132	25.77021	24.26111	29.03071	6
1795.215	1798.853	1437.853	87.16781	81.06886	85.95239	84.27676	49.60649	2.775179	47.61833	15.07388	32.54445	29.49832	6
1795.22	1798.858	1437.858	87.69883	100.9949	87.29762	85.79899	37.98567	7.14283	54.8715	23.66332	31.20818	28.06936	6
1795.225	1798.863	1437.863	89.42166	134.3025	87.25042	82.23531	42.05801	3.475489	54.4665	33.21684	21.24965	28.74382	6
1795.23	1798.868	1437.868	90.07067	155.5653	87.92303	80.66588	36.13241	5.078063	58.78952	33.31708	25.47244	28.5356	6
1795.235	1798.873	1437.873	89.85827	133.6898	89.77567	83.72214	25.61762	11.59042	62.79196	35.92718	26.86478	28.3158	6
1795.24	1798.878	1437.878	83.98175	162.1238	82.04651	75.35577	38.50094	5.430802	56.06826	32.77478	23.29348	27.90358	6
1795.245	1798.883	1437.883	81.33849	157.9325	78.42384	72.26411	49.53753	2.515004	47.94746	27.74771	20.19975	28.52676	6
1795.25	1798.888	1437.888	82.67192	133.7316	80.28827	72.81872	50.05207	2.203713	47.74422	16.37284	31.37139	29.41209	6
1795.255	1798.893	1437.893	84.34756	145.9295	83.32094	73.25533	35.04162	7.011798	57.94658	32.46414	25.48244	28.68476	6
1795.26	1798.898	1437.898	86.3654	129.0669	88.90245	91.91151	9.647499	19.18839	71.16411	55.97379	15.19031	27.76701	6
1795.265	1798.903	1437.903	86.5306	129.6378	88.69005	90.44828	12.28381	17.90502	69.81117	49.98141	19.82976	27.68208	6
1795.27	1798.908	1437.908	87.33302	138.3685	88.85525	88.99685	14.37116	16.67019	68.95865	44.04096	24.91769	27.66737	6
1795.275	1798.913	1437.913	85.44498	132.9379	87.26222	87.95843	15.13606	15.97779	68.88616	45.21888	23.66728	27.56593	6
1795.28	1798.918	1437.918	83.48614	110.1991	83.50974	83.99355	36.34167	7.438248	56.22008	35.23779	20.98229	27.29488	6
1795.285	1798.923	1437.923	79.29705	85.5665	78.30583	77.64502	54.02158	1.866863	44.11156	25.391	18.72056	29.31055	6
1795.29	1798.927	1437.927	78.57724	74.66356	78.16423	77.26741	52.84118	2.289312	44.86951	26.22694	18.64257	29.35289	6
1795.295	1798.932	1437.932	76.32339	51.40952	75.94578	74.69496	60.26784	0.232573	39.49959	24.50676	14.99283	30.92971	6
1795.3	1798.937	1437.937	75.62718	36.67732	75.35577	73.84534	63.65048	0	36.34952	8.93185	27.41767	30.90374	6
1795.305	1798.942	1437.942	76.31159	30.17455	75.85138	74.62416	66.05772	0	33.94228	19.99235	13.94994	30.62801	6
1795.31	1798.947	1437.947	74.34095	24.13128	73.53853	72.61812	71.98528	0	28.01472	16.05041	11.96431	29.95796	6
1795.315	1798.952	1437.952	71.48529	19.89821	71.14309	70.50587	72.07027	0	27.92973	9.22382	18.70591	29.8007	6
1795.32	1798.957	1437.957	72.0753	35.17347	71.22569	69.83326	71.76328	0	28.23672	20.74778	7.488948	29.98754	6
1795.325	1798.962	1437.962	72.98392	29.88213	72.19331	71.08408	71.75059	0	28.24941	10.53878	17.71063	29.95686	6

1795.33	1798.967	1437.967	74.16395	30.87078	73.52673	72.33491	69.23684	0	30.76316	15.50712	15.25603	30.16904	6
1795.335	1798.972	1437.972	75.56818	77.05858	74.31735	71.36729	61.523	0.103834	38.37317	14.82604	23.54713	30.88304	6
1795.34	1798.977	1437.977	76.6302	60.55797	76.21719	70.94248	58.04601	0.850221	41.10377	13.15025	27.95352	31.11468	6
1795.345	1798.982	1437.982	78.69524	86.51337	77.05501	74.56516	59.37595	0.382715	40.24133	27.35491	12.88642	30.44935	6
1795.35	1798.987	1437.987	78.43564	90.76036	77.85742	76.7128	50.35635	2.96532	46.67833	19.13339	27.54494	28.75962	6
1795.355	1798.992	1437.992	79.34425	100.2012	78.50644	77.33821	49.24767	3.219782	47.53254	33.805	13.72755	28.51145	6
1795.36	1798.997	1437.997	81.7161	123.1768	80.73668	78.17603	42.60291	4.96223	52.43486	18.16266	34.27219	27.8873	6
1795.365	1799.002	1438.002	81.5037	118.0525	79.62746	76.22899	50.98874	2.311036	46.70023	27.68038	19.01985	28.95807	6
1795.37	1799.006	1438.006	80.63048	116.2423	81.10249	78.51824	34.03124	7.955942	58.01282	37.09359	20.91923	27.57778	6
1795.375	1799.011	1438.011	83.28553	167.3734	84.13515	84.13515	16.28842	13.71133	70.00025	42.72579	27.27447	27.08334	6
1795.38	1799.016	1438.016	82.31792	162.82	82.74272	82.18811	21.5728	11.67801	66.74918	34.51481	32.23437	26.79663	6
1795.385	1799.021	1438.021	78.49464	115.1284	78.51824	78.71884	39.74097	6.004071	54.25496	36.81744	17.43752	27.16277	6
1795.39	1799.026	1438.026	80.94909	159.311	81.4329	74.96636	23.22404	11.02506	65.7509	48.20946	17.54144	27.7919	6
1795.395	1799.031	1438.031	81.30309	71.86472	81.11429	80.32367	49.27312	3.457656	47.26922	27.3079	19.96132	29.08019	6
1795.4	1799.036	1438.036	80.92549	70.152	81.29129	81.3621	45.73676	4.680695	49.58254	22.82233	26.76021	28.55162	6
1795.405	1799.041	1438.041	81.04349	116.0056	81.6453	82.95513	32.70259	8.461212	58.8362	33.59312	25.24308	26.86341	6
1795.41	1799.046	1438.046	81.22049	119.445	82.12911	78.23503	29.32967	9.618806	61.05153	43.62807	17.42346	27.78285	6
1795.415	1799.051	1438.051	83.69854	173.4445	83.43894	73.99874	23.03572	10.94384	66.02044	39.14675	26.87368	28.24132	6
1795.42	1799.056	1438.056	84.64256	155.9831	83.79295	81.05529	30.96548	8.300956	60.73357	40.22847	20.50509	27.12854	6
1795.425	1799.061	1438.061	82.45952	100.6329	83.07313	81.5627	35.02859	8.091254	56.88016	28.57656	28.3036	27.72962	6
1795.43	1799.066	1438.066	84.32396	156.8882	81.8223	79.39145	43.84282	3.543228	52.61395	32.54745	20.0665	27.5911	6
1795.435	1799.071	1438.071	82.25891	91.33127	81.6335	80.64228	47.06658	3.894722	49.0387	28.92412	20.11458	28.58517	6
1795.44	1799.076	1438.076	81.3739	48.51321	80.37088	77.26741	61.16923	0	38.83077	24.12416	14.70661	31.52134	6
1795.445	1799.081	1438.081	82.19991	34.1152	80.83108	79.07285	66.72862	0	33.27138	15.02145	18.24993	30.3833	6
1795.45	1799.085	1438.085	86.96721	76.06994	84.67796	79.87526	59.32291	0	40.67709	11.77917	28.89792	30.23165	6
1795.455	1799.09	1438.09	91.3805	111.1738	90.01167	81.22049	39.6343	5.413977	54.95172	32.42007	22.53165	29.64598	6
1795.46	1799.095	1438.095	89.44526	105.8268	87.86403	80.59508	44.35484	3.715092	51.93007	26.3939	25.53617	29.73507	6
1795.465	1799.1	1438.1	89.33906	92.34776	86.84921	81.6453	54.75625	0	45.24375	11.58166	33.66208	30.30314	6
1795.47	1799.105	1438.105	90.42468	104.7824	89.16206	81.3621	41.2373	5.126454	53.63624	26.97035	26.66589	29.60235	6
1795.475	1799.11	1438.11	86.96721	56.50591	86.17659	84.76057	52.44301	2.498763	45.05823	30.0255	15.03273	30.1869	6
1795.48	1799.115	1438.115	86.4362	98.90624	86.2592	82.63652	37.91516	7.256528	54.82831	22.73021	32.09809	28.42312	6
1795.485	1799.12	1438.12	86.5778	98.87839	86.684	86.2828	35.59678	8.299994	56.10322	28.25864	27.84458	27.7146	6
1795.49	1799.125	1438.125	86.84921	122.3134	86.6368	87.33302	32.14501	8.891806	58.96319	28.21068	30.75251	27.10658	6
1795.495	1799.13	1438.13	89.07945	112.608	90.07067	90.17688	23.1138	14.09893	62.78726	40.50668	22.28058	27.4125	6
1795.5	1799.135	1438.135	91.58111	155.5653	93.81135	94.34236	0.81417	24.93645	74.24938	74.24938	0	-9999	6
1795.505	1799.14	1438.14	91.4631	185.6981	93.48094	92.85553	0	25.78841	74.21159	74.21159	0	-9999	6
1795.51	1799.145	1438.145	91.76991	213.1713	93.78775	90.70789	0	27.9714	72.0286	72.0286	0	-9999	6
1795.515	1799.15	1438.15	91.2625	254.4019	94.84977	85.86979	0	38.1619	61.8381	61.8381	0	-9999	6
1795.52	1799.155	1438.155	90.51908	227.7782	93.02074	85.79899	0	29.94594	70.05406	70.05406	0	-9999	6
1795.525	1799.159	1438.159	89.03225	175.0458	91.2153	87.74603	0	23.35931	76.64069	76.64069	0	-9999	6
1795.53	1799.164	1438.164	88.93785	210.4978	88.67825	88.71365	9.24866	15.61209	75.13925	55.64156	19.49769	27.49253	6
1795.535	1799.169	1438.169	87.89943	145.9156	87.53362	85.45678	26.65596	10.38809	62.95595	28.25425	34.7017	27.35012	6
1795.54	1799.174	1438.174	88.18264	169.5038	89.00865	87.41562	11.45042	16.6514	71.89818	48.01193	23.88625	27.95221	6
1795.545	1799.179	1438.179	88.59564	146.1384	88.01743	81.7043	27.60766	9.90658	62.48576	44.93239	17.55337	28.15529	6
1795.55	1799.184	1438.184	92.71393	201.5443	89.05585	84.20595	34.27956	2.362241	63.3582	41.6145	21.7437	27.79786	6
1795.555	1799.189	1438.189	92.57233	155.8438	91.1327	88.58384	28.27639	8.481947	63.24167	38.10413	25.13754	27.61569	6
1795.56	1799.194	1438.194	94.93237	174.9762	94.10636	89.33906	16.71961	13.58605	69.69434	38.26208	31.43226	28.26858	6
1795.565	1799.199	1438.199	101.2691	254.8058	98.88546	89.97627	3.642712	12.18165	84.17563	75.14913	9.026499	-9999	6
1795.57	1799.204	1438.204	104.9744	335.0252	100.1717	89.48066	0	0.535478	99.46452	99.46452	0	-9999	6
1795.575	1799.209	1438.209	108.7505	303.0962	105.1986	95.10938	0	6.166338	93.83366	93.83366	0	-9999	6
1795.58	1799.214	1438.214	116.5858	288.2108	114.4854	106.886	0	21.82087	78.17913	78.17913	0	-9999	6
1795.585	1799.219	1438.219	114.6152	266.6138	111.8539	98.87366	0	11.11162	88.88838	88.88838	0	-9999	6
1795.59	1799.224	1438.224	109.5529	227.3326	107.7946	99.88848	0	18.05106	81.94894	81.94894	0	-9999	6
1795.595	1799.229	1438.229	102.0715	156.9996	99.29846	96.077	29.5915	3.115448	67.29305	27.49015	39.80291	28.77613	6
1795.6	1799.234	1438.234	97.59923	91.48444	96.372	90.17688	37.58047	7.041997	55.37753	22.16254	33.215	29.51564	6
1795.605	1799.238	1438.238	96.0652	101.5101	93.85855	89.62227	44.15607	2.03402	53.80991	20.34033	33.46959	29.78616	6
1795.61	1799.243	1438.243	95.33358	69.69248	93.90575	91.87611	46.4932	3.608718	49.89808	29.7154	20.18268	29.8075	6
1795.615	1799.248	1438.248	99.28666	92.86297	98.88546	98.22464	29.29279	13.12918	57.57802	36.75282	20.8252	27.86276	6
1795.62	1799.253	1438.253	98.90906	112.1764	99.42827	93.64615	17.83311	20.11015	62.05675	39.79624	22.26051	28.54242	6
1795.625	1799.258	1438.258	99.54627	145.9017	101.2337	101.7765	0.03161	31.27353	68.69486	68.69486	0	-9999	6
1795.63	1799.263	1438.263	100.6083	168.0557	103.7826	102.0479	0	46.1671	53.8329	53.8329	0	-9999	6
1795.635	1799.268	1438.268	101.5169	139.9977	102.4491	102.1895	5.500313	27.99595	66.50374	57.34571	9.158028	-9999	6
1795.64	1799.273	1438.273	102.5199	102.9861	104.1012	105.2458	8.504467	32.20325	59.29229	55.27178	4.020504	27.19408	6
1795.645	1799.278	1438.278	101.1275	121.0881	101.9181	101.4225	11.53211	25.1422	63.32569	41.21705	22.10864	27.68376	6
1795.65	1799.283	1438.283	101.1275	114.0701	100.6201	98.22464	23.29017	15.24518	61.46465	37.08784	24.37681	28.00974	6
1795.655	1799.288	1438.288	102.4137	97.55555	102.1305	101.5759	24.36577	16.85256	58.78167	29.18492	29.59675	27.62514	6
1795.66	1799.293	1438.293	102.4255	72.14321	101.2809	99.33386	37.18069	8.755083	54.06423	19.06301	35.00122	28.92991	6
1795.665	1799.298	1438.298	102.8385	64.22013	101.8237	100.1717	37.71214	9.433786	52.85408	37.13408	15.71999	28.91349	6
1795.67	1799.303	1438.303	100.0773	78.8827	99.09786	98.23644	36.42979	8.96464	54.60557	21.79695	32.80861	28.53928	6
1795.675	1799.308	1438.308	97.52843	37.59635	96.73781	95.16838	47.30281	5.872459	46.82473	30.00799	16.81674	30.08192	6
1795.68	1799.312	1438.312	94.51937	34.26837	93.97655	90.68429	48.95602	5.305963	45.73801	16.89186	28.84616	30.56118	6
1795.685	1799.317	1438.317	95.01498	58.71992	94.73177	94.05916	40.57085	8.582414	50.84674	26.7714	24.07534	28.78978	6
1795.69	1799.322	1438.322	89.64587	25.73261	89.74027	89.49246	50.5669	4.910405	44.5227	22.7985	21.7242	30.15387	6

1795.695	1799.327	1438.327	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1796.015	1799.643	1438.643	117.3764	93.69845	116.456	116.456	16.4719	26.88247	56.64563	44.73152	11.91411	26.67564	6
1796.02	1799.648	1438.648	107.299	60.32125	107.0158	107.2754	28.882	19.39356	51.72444	36.81609	14.90836	27.38113	6
1796.025	1799.653	1438.653	103.0273	44.05735	102.9683	103.8534	35.01023	15.57237	49.4174	33.15633	16.26108	27.87915	6
1796.03	1799.658	1438.658	104.1248	60.76683	103.4994	104.6558	34.34659	13.20014	52.45326	33.51555	18.93771	27.93117	6
1796.035	1799.663	1438.663	104.408	71.27989	104.0658	104.3372	29.34704	16.5011	54.15186	33.58076	20.5711	27.61461	6
1796.04	1799.668	1438.668	103.5702	82.94868	104.2782	106.6972	19.15477	25.11298	55.73225	40.56458	15.16767	26.63799	6
1796.045	1799.673	1438.673	102.2131	104.6432	101.1747	97.84703	28.68805	11.58847	59.72348	26.93558	32.78791	28.47448	6
1796.05	1799.678	1438.678	104.4906	103.0697	105.0688	103.6174	14.44467	26.62396	58.93137	48.12131	10.81007	27.45774	6
1796.055	1799.683	1438.683	104.821	105.9799	106.7208	110.4143	3.193807	39.47296	57.33323	55.00725	2.325976	-9999	6
1796.06	1799.688	1438.688	104.3726	134.943	107.5468	108.4201	0	52.80036	47.19964	47.19964	0	-9999	6
1796.065	1799.693	1438.693	103.0981	158.016	106.0482	106.6264	0	49.08841	50.91159	50.91159	0	-9999	6
1796.07	1799.698	1438.698	101.0567	184.7791	105.3874	109.7181	0	58.28747	41.71253	41.71253	0	-9999	6
1796.075	1799.702	1438.702	100.7971	210.3307	104.9508	108.066	0	57.76689	42.23311	42.23311	0	-9999	6
1796.08	1799.707	1438.707	100.3487	221.7767	105.5998	96.46641	0	67.02104	32.97896	32.97896	0	-9999	6
1796.085	1799.712	1438.712	99.75867	164.8112	103.5112	103.759	0	48.7946	51.2054	51.2054	0	-9999	6
1796.09	1799.717	1438.717	102.1777	104.7824	102.9093	100.5021	14.96914	24.92219	60.10867	37.34049	22.76818	27.7751	6
1796.095	1799.722	1438.722	102.4019	151.6107	103.0863	101.3753	3.796217	27.99888	68.2049	67.04119	1.163716	-9999	6
1796.1	1799.727	1438.727	105.2104	143.6737	106.0836	101.8827	1.669962	33.0827	65.24734	65.24734	0	-9999	6
1796.105	1799.732	1438.732	106.1898	177.8029	105.5644	105.8004	4.124035	22.95988	72.91608	72.91608	0	-9999	6
1796.11	1799.737	1438.737	107.6412	157.3059	107.5586	105.6588	3.5422	28.32669	68.13111	68.13111	0	-9999	6
1796.115	1799.742	1438.742	109.9659	165.4378	110.8391	110.3317	0	42.97618	57.02382	57.02382	0	-9999	6
1796.12	1799.747	1438.747	112.1489	167.9443	112.0899	109.3405	0	35.83811	64.16189	64.16189	0	-9999	6
1796.125	1799.752	1438.752	110.3081	96.33019	109.4703	106.6264	21.69773	19.45961	58.84266	42.69516	16.1475	27.92129	6
1796.13	1799.757	1438.757	112.0073	107.8876	112.1135	111.1223	10.0214	33.60875	56.36985	46.64352	9.726331	26.86292	6
1796.135	1799.762	1438.762	112.5147	70.80645	112.4911	109.4467	19.53419	30.33118	50.13463	29.56292	20.57171	26.86212	6
1796.14	1799.767	1438.767	111.9011	110.9231	113.0339	115.7362	1.428185	46.71238	51.85943	51.85943	0	-9999	6
1796.145	1799.772	1438.772	111.6061	92.22244	112.2433	111.4645	10.06614	38.45372	51.48014	36.59494	14.88521	26.31722	6
1796.15	1799.776	1438.776	111.9719	86.56907	112.0191	114.2494	15.67031	31.37491	52.95478	33.20022	19.75456	26.01212	6
1796.155	1799.781	1438.781	111.8539	101.7469	112.7271	115.276	5.704215	42.6182	51.67759	51.67759	0	-9999	6
1796.16	1799.786	1438.786	113.8128	49.33476	113.7184	113.0575	24.08486	30.17224	45.74289	19.48709	26.2558	26.2579	6
1796.165	1799.791	1438.791	110.3789	63.78847	110.4497	110.4851	22.4659	27.54091	49.99319	24.82271	25.17048	26.57337	6
1796.17	1799.796	1438.796	110.2609	83.7563	110.6621	111.9483	15.18159	32.5093	52.3091	28.19109	24.11801	26.17372	6
1796.175	1799.801	1438.801	113.86	82.58664	114.3556	113.1283	11.42189	40.61771	47.9604	42.1463	5.814098	25.87884	6
1796.18	1799.806	1438.806	114.6506	106.3837	115.2996	115.4294	3.74675	46.1967	50.05655	50.05655	0	-9999	6
1796.185	1799.811	1438.811	111.8539	171.871	114.0252	118.1435	0	64.61411	35.38589	35.38589	0	-9999	6
1796.19	1799.816	1438.816	111.2875	157.1249	112.3731	116.8926	0	47.80648	52.19352	52.19352	0	-9999	6
1796.195	1799.821	1438.821	108.2784	161.9985	109.1281	110.9335	0	39.26914	60.73086	60.73086	0	-9999	6
1796.2	1799.826	1438.826	109.7063	185.7259	110.4497	110.3789	0	42.33637	57.66363	57.66363	0	-9999	6
1796.205	1799.831	1438.831	113.1873	244.8497	114.981	110.5559	0	68.25452	31.74548	31.74548	0	-9999	6
1796.21	1799.836	1438.836	115.9604	238.2773	116.692	113.3998	0	59.57543	40.42457	40.42457	0	-9999	6
1796.215	1799.841	1438.841	112.2079	234.0999	112.0899	110.8155	0	39.66289	60.33711	60.33711	0	-9999	6
1796.22	1799.846	1438.846	111.2167	198.1188	111.8421	111.7359	0	44.68067	55.31933	55.31933	0	-9999	6
1796.225	1799.851	1438.851	109.4467	166.9278	110.2845	115.0754	0	41.65293	58.34707	58.34707	0	-9999	6
1796.23	1799.855	1438.855	111.2049	202.5886	113.5768	118.3795	0	67.42022	32.57978	32.57978	0	-9999	6
1796.235	1799.86	1438.86	109.9777	174.7395	111.1577	111.0397	0	47.25087	52.74913	52.74913	0	-9999	6
1796.24	1799.865	1438.865	105.9774	122.3274	107.2754	108.9865	2.837861	36.98846	60.17368	60.17368	0	-9999	6
1796.245	1799.87	1438.87	101.5995	100.3962	101.8237	99.22766	20.49499	20.05449	59.45052	27.64679	31.80373	27.85958	6
1796.25	1799.875	1438.875	97.42223	69.42792	98.08304	98.20104	28.44869	16.62652	54.92479	34.74642	20.17837	27.61049	6
1796.255	1799.88	1438.88	93.59895	65.30624	93.46914	90.89669	39.09083	8.915453	51.99372	27.56169	24.43203	28.90329	6
1796.26	1799.885	1438.885	93.41014	100.1316	93.00893	91.4277	32.94019	9.836313	57.2235	26.85928	30.36422	28.03909	6
1796.265	1799.89	1438.89	91.81711	90.66289	91.87611	94.82617	33.13058	10.41371	56.45571	40.0421	16.41361	27.22481	6
1796.27	1799.895	1438.895	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1796.29	1799.915	1438.915	95.74659	71.40521	95.9826	97.05642	32.80404	12.76488	54.43108	24.26171	30.16937	27.71258	6
1796.295	1799.92	1438.92	90.56628	84.88419	90.33028	89.11485	37.96608	8.029936	54.00398	22.38832	31.61567	28.30652	6
1796.3	1799.925	1438.925	80.57148	101.9696	79.15545	78.02263	52.17181	2.211761	45.61643	14.88041	30.73602	28.91087	6
1796.305	1799.929	1438.929	85.57478	98.71129	86.03499	87.95843	33.81644	9.006966	57.17659	39.41325	17.76334	27.18061	6
1796.31	1799.934	1438.934	91.1799	109.9484	92.11212	94.92057	22.28228	15.25351	62.46422	32.84928	29.61494	26.95301	6
1796.315	1799.939	1438.939	93.85855	122.7033	95.39258	99.02706	12.06718	21.59103	66.34178	45.27849	21.0633	27.18986	6
1796.32	1799.944	1438.944	93.81135	118.2335	94.76717	96.93842	17.67344	18.16274	64.16382	34.44705	29.71676	27.15239	6
1796.325	1799.949	1438.949	93.61075	134.5253	94.59017	95.06218	13.73249	19.20358	67.06394	51.40742	15.65652	27.62028	6
1796.33	1799.954	1438.954	98.26004	93.41996	99.34567	99.61707	18.57956	21.87022	59.55022	40.78757	18.76265	27.36742	6
1796.335	1799.959	1438.959	98.05944	105.0887	99.46367	98.50785	13.47107	24.51892	62.01002	53.2696	8.740415	27.75568	6
1796.34	1799.964	1438.964	97.74083	86.75009	98.24824	95.9826	25.15248	17.15491	57.69261	29.37024	28.32237	27.92611	6
1796.345	1799.969	1438.969	97.83523	90.76036	99.23946	100.5965	17.1448	23.26832	59.58688	47.36103	12.22585	27.19291	6
1796.35	1799.974	1438.974	97.52843	120.6982	99.25126	102.6379	7.712909	26.98046	65.30663	46.85994	18.44669	-9999	6
1796.355	1799.979	1438.979	96.3956	135.7924	96.1596	97.43403	20.28331	14.95172	64.76496	38.63469	26.13027	27.21268	6
1796.36	1799.984	1438.984	98.04764	103.9748	97.92964	97.70543	25.54879	14.71378	59.73743	38.3031	21.43433	27.58523	6
1796.365	1799.989	1438.989	98.28364	73.13185	98.51965	98.41345	30.0521	15.03799	54.90991	23.69507	31.21484	27.74694	6
1796.37	1799.994	1438.994	97.95324	99.67209	98.37805	99.38107	22.47011	17.71326	59.81663	27.32318	32.49345	27.27709	6
1796.375	1799.999	1438.999	98.55505	119.6678	98.79105	98.49605	18.54072	18.42648	63.0328	35.29477	27.73804	27.54273	6
1796.38	1800.004	1439.004	97.64643	107.1078	98.47245	101.6703	17.84356	20.43305	61.72339	41.78605	19.93734	26.89201	6
1796.385	1800.008	1439.008	96.3956	122.0907	98.26004	99.72327	7.320709	26.47795	66.20134	53.48554	12.7158	-9999	6

1796.39	1800.013	1439.013	97.77623	118.1918	99.13326	100.2307	10.92649	24.73761	64.3359	47.54677	16.78913	27.55934	6
1796.395	1800.018	1439.018	98.30724	116.8829	99.03886	101.3753	15.60167	21.19078	63.20755	53.34413	9.863426	27.10546	6
1796.4	1800.023	1439.023	95.71119	126.463	96.46641	99.99468	15.48875	19.37907	65.13218	38.39993	26.73225	26.94786	6
1796.405	1800.028	1439.028	95.07398	110.7143	96.1242	96.86761	17.59987	19.36859	63.03154	31.96975	31.06178	27.41548	6
1796.41	1800.033	1439.033	97.09182	144.6763	97.20982	98.26004	14.74934	18.11881	67.13185	42.23947	24.89238	27.42212	6
1796.415	1800.038	1439.038	98.14204	98.71129	99.40467	101.4461	16.03584	23.25401	60.71015	51.00225	9.7079	27.09697	6
1796.42	1800.043	1439.043	98.57865	110.6447	100.1717	104.2074	10.18563	26.85379	62.96058	40.0732	22.88738	26.97976	6
1796.425	1800.048	1439.048	98.02404	103.0279	99.79407	103.7354	11.16735	26.77884	62.05381	43.11603	18.93778	26.94959	6
1796.43	1800.053	1439.053	95.92359	115.2955	97.46943	101.3753	11.8686	23.47956	64.65184	50.85742	13.79442	27.0731	6
1796.435	1800.058	1439.058	98.69665	126.8529	100.4195	104.9272	5.148715	29.00995	65.84133	65.84133	0	-9999	6
1796.44	1800.063	1439.063	99.07426	104.5178	100.0537	102.9093	15.96786	22.87111	61.16104	32.16569	28.99534	26.92835	6
1796.445	1800.068	1439.068	99.12146	106.5369	99.75867	101.2337	18.08792	20.74064	61.17144	39.59942	21.57202	27.1671	6
1796.45	1800.073	1439.073	100.5021	100.2708	100.9741	102.6969	19.61446	20.67136	59.71418	42.14075	17.57343	27.06221	6
1796.455	1800.078	1439.078	101.5523	97.37453	103.1099	105.2694	10.93559	30.06608	58.99833	41.21729	17.78104	26.95189	6
1796.46	1800.083	1439.083	100.1009	126.4073	102.6497	104.0894	0	37.34224	62.65776	62.65776	0	-9999	6
1796.465	1800.087	1439.087	100.8325	97.24921	102.6261	104.0776	9.799109	30.76683	59.43406	38.96423	20.46984	27.18772	6
1796.47	1800.092	1439.092	101.5287	96.81755	102.9919	104.4316	11.82371	29.24272	58.93357	43.22911	15.70446	27.05908	6
1796.475	1800.097	1439.097	103.641	66.65693	104.8446	106.3078	19.19125	28.35954	52.4492	40.86065	11.58855	26.5817	6
1796.48	1800.102	1439.102	105.5762	76.47375	106.591	107.6766	16.49839	30.46244	53.03916	41.32522	11.71395	26.52125	6
1796.485	1800.107	1439.107	104.6794	59.23513	105.057	106.1662	26.43361	22.159	51.40739	34.12741	17.27998	26.98642	6
1796.49	1800.112	1439.112	104.6086	63.77454	105.3048	106.5202	22.93101	25.18019	51.8888	27.62402	24.26478	26.73765	6
1796.495	1800.117	1439.117	104.5614	76.41805	105.7768	107.417	15.89083	30.62619	53.48298	38.41715	15.06583	26.48944	6
1796.5	1800.122	1439.122	101.8473	118.2057	104.3726	105.3992	0	39.94727	60.05273	60.05273	0	-9999	6
1796.505	1800.127	1439.127	99.23946	132.1163	102.4019	105.0334	0	40.81769	59.18231	59.18231	0	-9999	6
1796.51	1800.132	1439.132	100.2661	126.9086	101.8591	104.3726	4.697329	30.36242	64.94025	55.98995	8.950303	-9999	6
1796.515	1800.137	1439.137	98.10664	97.86189	98.92086	103.2161	19.74913	20.22632	60.02455	35.74281	24.28174	26.63954	6
1796.52	1800.142	1439.142	98.83825	80.6929	99.22766	100.0065	26.52321	17.05893	56.41786	23.37778	33.04008	27.39118	6
1796.525	1800.147	1439.147	96.82041	75.68005	97.32782	98.03584	28.67822	15.53964	55.78215	22.33893	33.44322	27.52324	6
1796.53	1800.152	1439.152	95.49879	82.53094	95.55779	95.23918	31.71137	12.34962	55.93901	24.66447	31.27455	27.86743	6
1796.535	1800.157	1439.157	93.05614	77.33708	93.35114	93.57535	33.38649	11.44615	55.16736	21.84195	33.32541	27.85235	6
1796.54	1800.161	1439.161	92.90273	77.64342	91.78171	88.53664	44.42771	4.730408	50.84188	33.93601	16.90588	29.51681	6
1796.545	1800.166	1439.166	93.57535	92.54271	93.19774	92.80833	34.44181	9.530295	56.0279	20.99091	35.03699	27.95863	6
1796.55	1800.171	1439.171	93.78775	93.68452	93.79955	91.3569	30.95216	11.6546	57.39324	30.09853	27.2947	28.14335	6
1796.555	1800.176	1439.176	98.15384	104.4204	98.10664	93.98835	24.79455	15.26539	59.94006	37.43387	22.5062	28.28077	6
1796.56	1800.181	1439.181	97.70543	116.0195	98.10664	94.41316	18.92491	18.4366	62.63849	43.321	19.31749	28.16203	6
1796.565	1800.186	1439.186	97.35142	102.3456	98.13024	96.44281	19.63323	19.50795	60.85882	48.71978	12.13904	27.77248	6
1796.57	1800.191	1439.191	97.61103	90.2173	98.41345	97.39863	22.14654	19.10684	58.74662	36.82015	21.92647	27.632	6
1796.575	1800.196	1439.196	96.372	74.16227	96.2776	95.38078	34.1221	11.57341	54.30449	34.40496	19.89953	28.17802	6
1796.58	1800.201	1439.201	95.40438	83.42211	95.39258	95.15658	32.13127	11.95643	55.9123	40.15693	15.75537	27.87355	6
1796.585	1800.206	1439.206	96.45461	78.86878	96.1242	96.70241	34.73617	10.61906	54.64476	28.2684	26.37636	27.95098	6
1796.59	1800.211	1439.211	95.9708	99.57462	96.72601	98.38985	21.75689	17.81028	60.43283	40.59071	19.84212	27.17224	6
1796.595	1800.216	1439.216	98.02404	67.36708	98.41345	99.48727	30.49714	15.37704	54.12582	21.75078	32.37504	27.54807	6
1796.6	1800.221	1439.221	99.65247	97.65303	100.3605	100.2189	19.20058	21.211	59.58842	39.30295	20.28546	27.40874	6
1796.605	1800.226	1439.226	97.16262	86.26273	97.35142	94.51937	28.27158	14.65563	57.07279	33.97829	23.0945	28.15648	6
1796.61	1800.231	1439.231	97.28062	79.49538	97.46943	97.44583	29.80071	14.29844	55.90084	21.2792	34.62165	27.71944	6
1796.615	1800.236	1439.236	99.97108	65.61259	99.33386	99.49907	37.08676	10.24289	52.67035	33.03126	19.63909	28.37258	6
1796.62	1800.24	1439.24	99.59347	91.42874	100.1245	99.66427	22.13292	19.50554	58.36154	30.65886	27.70268	27.48575	6
1796.625	1800.245	1439.245	99.86488	89.06157	99.85308	100.7617	26.66287	15.91632	57.42081	41.92167	15.49914	27.40145	6
1796.63	1800.25	1439.25	98.02404	76.11171	98.46065	93.25674	28.01513	16.26467	55.7202	22.69363	33.02657	28.56863	6
1796.635	1800.255	1439.255	93.79955	67.50633	93.75235	92.60773	37.73369	9.600917	52.66539	28.28911	24.37629	28.50039	6
1796.64	1800.26	1439.26	97.72903	62.03397	97.71723	97.05642	35.16852	12.27844	52.55304	22.82831	29.72473	28.25445	6
1796.645	1800.265	1439.265	99.48727	60.64151	99.26306	96.2894	35.53405	12.26107	52.20487	19.6248	32.58007	28.74141	6
1796.65	1800.27	1439.27	99.38107	64.98598	99.38107	97.81163	32.84281	13.94121	53.21598	37.40709	15.80889	28.22013	6
1796.655	1800.275	1439.275	95.78199	62.71627	96.0534	96.92662	34.59984	12.40442	52.99574	32.49448	20.50127	27.9018	6
1796.66	1800.28	1439.28	97.38682	59.22121	97.74083	99.26306	33.32903	14.02113	52.64983	23.93513	28.7147	27.67895	6
1796.665	1800.285	1439.285	98.46065	91.09455	98.04764	96.56081	30.57214	12.33562	57.09224	24.3094	32.78284	28.06643	6
1796.67	1800.29	1439.29	98.83825	121.9932	99.82947	98.82645	11.8645	23.85099	64.28452	55.23393	9.050588	27.85901	6
1796.675	1800.295	1439.295	100.3723	81.18026	100.0655	98.70845	30.38962	13.81323	55.79714	36.53344	19.2637	28.04347	6
1796.68	1800.3	1439.3	105.3284	90.16161	104.1012	100.9387	30.78977	11.13569	58.07454	34.67273	23.40181	28.6771	6
1796.685	1800.305	1439.305	107.3816	120.6703	106.6972	106.06	17.31089	19.7049	62.98422	48.84806	14.13616	27.64182	6
1796.69	1800.31	1439.31	109.9069	93.89339	109.1753	106.5792	21.83348	20.02048	58.14604	43.73508	14.41096	27.81445	6
1796.695	1800.315	1439.315	112.5619	78.96625	111.2285	109.8833	27.66725	14.79453	57.53822	34.19871	23.33952	28.08362	6
1796.7	1800.319	1439.319	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1797.015	1800.63	1439.63	90.07067	55.87931	90.69609	91.03829	38.76524	9.427011	51.80775	26.82861	24.97914	28.32552	1
1797.02	1800.635	1439.635	87.81683	36.32921	89.16206	89.30366	39.99134	9.453462	50.5552	25.37824	25.17696	28.64224	1
1797.025	1800.64	1439.64	87.03801	30.29987	88.41864	89.69307	41.89259	8.608578	49.49883	16.99382	32.50501	28.66944	1
1797.03	1800.645	1439.645	87.51002	39.32299	88.70185	86.6722	40.73798	8.830895	50.43113	18.79389	31.63724	29.07488	1
1797.035	1800.65	1439.65	87.34482	57.03505	87.16781	86.12939	47.21206	4.829026	47.95891	29.95696	18.00195	29.3725	1
1797.04	1800.655	1439.655	86.3182	49.51578	85.86979	86.20019	52.07961	2.95382	44.96657	32.26289	12.70367	29.85252	1
1797.045	1800.66	1439.66	84.28856	36.90012	83.48614	83.79295	59.74343	0.302235	39.95434	23.47093	16.4834	31.28036	1
1797.05	1800.665	1439.665	82.09371	23.5186	81.7161	80.59508	61.70874	0	38.29126	7.662096	30.62916	31.95364	1
1797.055	1800.67	1439.67	81.7633	24.85536	81.14969	80.73668	63.51826	0	36.48174	18.39786	18.08388	31.27134	1
1797.06	1800.675	1439.675	81.19689	17.72598	81.17329	81.25589	61.19208	0.205516	38.60241	13.08495	25.51746	31.75825	1

1797.065	1800.68	1439.68	80.60688	16.83481	81.06709	82.54212	58.20102	1.205168	40.59381	30.04615	10.54766	30.91809	1
1797.07	1800.685	1439.685	77.59782	17.62851	77.82202	78.02263	62.60632	0	37.39368	20.68101	16.71266	31.28841	1
1797.075	1800.69	1439.69	74.98996	36.41276	75.40297	72.86592	58.99653	0.456879	40.54659	28.54585	12.00074	31.16431	1
1797.08	1800.695	1439.695	79.03745	38.27865	80.14667	81.14969	49.42564	3.655796	46.91857	27.39638	19.52218	29.25563	1
1797.085	1800.7	1439.7	80.73668	16.76519	80.25287	79.34425	65.4146	0	34.5854	17.91257	16.67282	31.17539	1
1797.09	1800.704	1439.704	81.3621	27.34786	80.86649	80.33547	62.36967	0	37.63033	14.89616	22.73417	31.4861	1
1797.095	1800.709	1439.709	81.83411	24.39585	81.3975	80.18207	62.19255	0	37.80745	25.60394	12.20351	31.78993	1
1797.1	1800.714	1439.714	83.26193	32.75059	83.34454	83.50974	54.83321	2.295814	42.87097	14.09648	28.77449	30.42439	1
1797.105	1800.719	1439.719	84.08795	41.87119	84.63076	85.25618	48.29947	4.689561	47.01097	31.34454	15.66643	29.28735	1
1797.11	1800.724	1439.724	83.25013	82.54487	82.66012	82.54212	48.00661	3.694019	48.29937	21.46112	26.83824	28.71898	1
1797.115	1800.729	1439.729	82.90793	25.00853	82.58932	82.40052	60.14184	0.475394	39.38276	10.20692	29.17584	31.56182	1
1797.12	1800.734	1439.734	81.5037	41.57877	80.33547	79.68646	64.00827	0	35.99173	20.37402	15.61771	30.58522	1
1797.125	1800.739	1439.739	80.72488	61.60231	79.07285	77.40901	63.62861	0	36.37139	20.23449	16.1369	30.29475	1
1797.13	1800.744	1439.744	80.63048	52.0779	78.78964	76.7128	67.4836	0	32.5164	12.0545	20.4619	29.88164	1
1797.135	1800.749	1439.749	78.93125	33.3772	78.19963	77.71582	64.97599	0	35.02401	21.48676	13.53726	30.66073	1
1797.14	1800.754	1439.754	78.01083	18.29689	78.27043	79.14365	61.79025	0	38.20975	19.72636	18.48339	31.3684	1
1797.145	1800.759	1439.759	79.04925	25.84401	78.78964	78.16423	63.03238	0	36.96762	18.96255	18.00506	31.28194	1
1797.15	1800.764	1439.764	78.45924	24.91106	77.81022	75.74518	66.81888	0	33.18112	18.66709	14.51403	30.81767	1
1797.155	1800.769	1439.769	79.00205	25.02246	78.48284	77.96363	65.28657	0	34.71343	15.42682	19.28661	30.82237	1
1797.16	1800.774	1439.774	79.74546	24.24268	79.20265	78.37663	64.97423	0	35.02577	22.43695	12.58881	30.98629	1
1797.165	1800.778	1439.778	79.23805	23.78317	78.35303	77.12581	68.20436	0	31.79564	18.8388	12.95685	30.45595	1
1797.17	1800.783	1439.783	78.67164	26.55416	78.30583	78.30583	64.03099	0	35.96901	24.80132	11.16768	30.91884	1
1797.175	1800.788	1439.788	79.35605	30.48089	78.58904	78.16423	65.56043	0	34.43957	8.521454	25.91812	30.61374	1
1797.18	1800.793	1439.793	79.85166	20.91471	79.41506	78.89584	64.85883	0	35.14117	10.09007	25.0511	31.05706	1
1797.185	1800.798	1439.798	80.35907	21.51346	79.99327	80.52428	63.6984	0	36.3016	9.681071	26.62053	31.12661	1
1797.19	1800.803	1439.803	80.53608	21.06788	81.00809	82.12911	57.15031	1.493479	41.35622	19.99372	21.3625	30.71922	1
1797.195	1800.808	1439.808	81.18509	34.58864	81.18509	81.97571	56.93927	1.402329	41.65841	19.05969	22.59872	30.53647	1
1797.2	1800.813	1439.813	82.49492	46.15996	82.32972	79.62746	54.21429	2.19467	43.59104	13.20909	30.38195	30.60015	1
1797.205	1800.818	1439.818	83.28553	64.98598	82.61292	77.40901	52.86346	2.283258	44.85328	27.95724	16.89604	30.58879	1
1797.21	1800.823	1439.823	82.86073	62.89729	82.95513	75.35577	47.81537	4.204411	47.98022	30.16673	17.81349	30.37585	1
1797.215	1800.828	1439.828	83.28553	50.85254	83.94635	84.54816	45.94969	5.267079	48.78323	35.24432	13.53891	28.86054	1
1797.22	1800.833	1439.833	84.90217	66.11387	84.13515	78.64804	51.83482	2.564223	45.60096	17.40237	28.19859	30.56882	1
1797.225	1800.838	1439.838	86.4008	61.28204	86.4598	78.17603	45.22375	5.513848	49.2624	22.96947	26.29294	30.38118	1
1797.23	1800.843	1439.843	87.69883	73.80023	88.64285	79.09645	34.14127	10.32992	55.52881	34.61159	20.91722	29.65283	1
1797.235	1800.848	1439.848	89.05585	86.15133	89.76387	86.5896	31.73288	11.13137	57.13575	31.00502	26.13073	28.27555	1
1797.24	1800.853	1439.853	89.17386	71.5723	88.07643	84.27676	49.14458	3.135205	47.72021	20.05053	27.66969	30.06458	1
1797.245	1800.857	1439.857	89.22106	71.92042	88.25344	86.4952	48.01094	3.663475	48.32558	31.92245	16.40313	29.52852	1
1797.25	1800.862	1439.862	90.25948	76.84972	89.88187	89.04405	41.29011	6.747114	51.96278	35.59713	16.36565	28.57948	1
1797.255	1800.867	1439.867	93.44554	77.00289	94.17716	94.67277	29.72538	13.90219	56.37243	34.42591	21.94652	27.61908	1
1797.26	1800.872	1439.872	92.59593	72.01789	92.39532	93.04434	38.9381	8.426364	52.63554	26.85728	25.77825	28.2127	1
1797.265	1800.877	1439.877	91.95871	56.92365	91.64011	90.22408	44.09166	6.514045	49.39429	28.90292	20.49137	29.24028	1
1797.27	1800.882	1439.882	87.97023	41.63447	87.04981	84.20595	56.12509	1.374462	42.50045	21.03126	21.46919	31.32429	1
1797.275	1800.887	1439.887	85.86979	37.47102	84.97297	81.26769	58.88215	0.51481	40.60304	17.62974	22.9733	31.93853	1
1797.28	1800.892	1439.892	85.95239	42.74844	85.38598	83.00233	54.96837	1.970816	43.06081	14.85085	28.20996	30.89865	1
1797.285	1800.897	1439.897	85.86979	39.01665	84.86677	83.59234	59.33117	0.278764	40.39006	19.0293	21.36076	31.55673	1
1797.29	1800.902	1439.902	86.20019	33.75316	85.50398	88.27704	57.92322	1.022234	41.05455	26.93002	14.12453	30.6276	1
1797.295	1800.907	1439.907	86.96721	32.17969	86.4952	83.48614	55.86076	1.952798	42.18645	23.21966	18.96679	31.37051	1
1797.3	1800.912	1439.912	88.74905	35.54943	88.38324	88.35964	52.58292	3.308922	44.10816	29.03941	15.06875	30.2902	1
1797.305	1800.917	1439.917	88.80805	33.53037	88.32424	89.91727	53.93177	2.749258	43.31897	20.21648	23.10249	30.24986	1
1797.31	1800.922	1439.922	89.12666	32.09614	89.13846	90.24768	50.14476	4.726028	45.12921	15.26918	29.86003	29.74099	1
1797.315	1800.927	1439.927	89.38626	39.92175	88.92605	91.1091	51.6702	3.521951	44.80785	18.41196	26.39588	29.71282	1
1797.32	1800.932	1439.932	88.90245	39.44831	88.20624	90.01167	54.05891	2.382268	43.55882	12.95589	30.60293	30.17037	1
1797.325	1800.936	1439.936	88.04103	35.47981	87.69883	89.40986	53.06824	3.081206	43.85055	16.62973	27.22082	30.01947	1
1797.33	1800.941	1439.941	88.26524	34.70003	87.74603	88.79625	54.42246	2.4702	43.10734	20.38977	22.71758	30.39612	1
1797.335	1800.946	1439.946	88.40684	45.51943	88.10003	88.15904	50.02775	4.052113	45.92013	32.36657	13.55356	29.74	1
1797.34	1800.951	1439.951	88.20624	45.04599	88.37144	87.04981	46.66881	5.707224	47.62397	20.04056	27.58341	29.52837	1
1797.345	1800.956	1439.956	88.37144	51.74371	88.99685	88.99685	41.32935	8.035611	50.63504	17.39785	33.23719	28.62613	1
1797.35	1800.961	1439.961	89.24466	50.5462	89.52786	86.90821	43.46789	7.121723	49.41039	18.49523	30.91515	29.35892	1
1797.355	1800.966	1439.966	89.04405	49.22336	89.06765	90.51908	45.98451	5.885116	48.13037	21.29951	26.83086	28.91157	1
1797.36	1800.971	1439.971	89.03225	44.0295	88.79625	88.99685	49.26423	4.511737	46.22404	16.19307	30.03097	29.64441	1
1797.365	1800.976	1439.976	89.78747	42.49779	90.17688	88.30064	44.09315	7.34215	48.5647	33.95025	14.61445	29.38402	1
1797.37	1800.981	1439.981	87.43922	46.03464	87.12061	86.4952	50.88474	3.62056	45.4947	27.34472	18.14998	29.94427	1
1797.375	1800.986	1439.986	88.12363	42.09398	87.81683	86.82561	51.11726	3.694638	45.1881	27.6115	17.5766	30.12693	1
1797.38	1800.991	1439.991	87.56902	51.49307	87.04981	85.59838	50.99906	3.325658	45.67528	16.35383	29.32145	30.05177	1
1797.385	1800.996	1439.996	87.61622	45.58905	86.70761	84.61896	55.40232	1.567574	43.03011	26.52174	16.50837	30.97866	1
1797.39	1801.001	1440.001	87.32122	47.83091	86.4952	82.63652	54.49103	1.909709	43.59926	20.48234	23.11692	31.09692	1
1797.395	1801.006	1440.006	87.21502	41.20281	86.566	85.72819	54.82096	2.04017	43.13887	17.28515	25.85372	30.67737	1
1797.4	1801.01	1440.01	87.91123	47.27392	86.90821	84.06435	55.45479	1.442776	43.10244	14.92821	28.17422	31.12448	1
1797.405	1801.015	1440.015	89.13846	37.41533	89.25646	88.66645	48.02359	5.512976	46.46343	19.35151	27.11192	29.6861	1
1797.41	1801.02	1440.02	88.84345	39.26729	89.69307	91.62831	42.17681	8.400155	49.42304	28.31765	21.10538	28.48623	1
1797.415	1801.025	1440.025	88.87885	35.34056	88.92605	88.64285	49.31323	4.953497	45.73327	27.24984	18.48342	29.82864	1
1797.42	1801.03	1440.03	87.23862	35.22917	87.00261	86.566	53.04405	3.099415	43.85653	13.15885	30.69769	30.37767	1
1797.425	1801.035	1440.035	87.40382	32.23539	86.97901	85.94059	55.07979	2.295766	42.62444	13.56817	29.05627	30.8854	1

1797.43	1801.04	1440.04	87.95843	30.17455	87.23862	87.67523	57.35457	1.3154	41.33003	24.2985	17.03153	31.09521	1
1797.435	1801.045	1440.045	88.37144	29.2416	87.72243	85.77539	56.65166	1.664883	41.68346	16.20162	25.48183	31.43284	1
1797.44	1801.05	1440.05	89.15026	24.74397	88.65465	88.85525	55.8347	2.257025	41.90827	19.29535	22.61292	30.97123	1
1797.445	1801.055	1440.055	89.81107	38.59891	89.11485	86.95541	53.42854	2.683727	43.88773	17.35852	26.52922	30.84861	1
1797.45	1801.06	1440.06	90.37748	48.88917	89.28006	86.566	53.52656	1.995129	44.47831	24.07942	20.39889	30.89449	1
1797.455	1801.065	1440.065	89.32726	28.99096	88.97325	87.04981	53.54667	3.173861	43.27947	21.3223	21.95717	30.90408	1
1797.46	1801.07	1440.07	89.33906	25.60729	89.11485	85.43318	53.34869	3.46234	43.18897	16.15579	27.03318	31.23014	1
1797.465	1801.075	1440.075	90.10608	20.14886	89.92907	87.48642	53.59817	3.668552	42.73328	19.53044	23.20284	31.13134	1
1797.47	1801.08	1440.08	90.99109	20.85901	91.01469	89.48066	51.05741	5.050523	43.89207	29.98057	13.9115	30.54154	1
1797.475	1801.085	1440.085	90.31848	20.21848	90.31848	91.00289	52.01413	4.523116	43.46276	26.97934	16.48342	30.28029	1
1797.48	1801.089	1440.089	90.56628	28.76817	90.48368	93.71695	50.35729	4.888965	44.75375	15.71561	29.03814	29.46259	1
1797.485	1801.094	1440.094	91.58111	36.76087	91.4513	93.55175	47.85522	5.788324	46.35645	21.21992	25.13653	29.24857	1
1797.49	1801.099	1440.099	92.21832	32.86199	92.78473	93.57535	42.81685	9.140673	48.04247	20.82634	27.21613	28.84967	1
1797.495	1801.104	1440.104	92.20652	37.65204	92.38352	93.64615	44.68643	7.624846	47.68872	28.8009	18.88783	28.9678	1
1797.5	1801.109	1440.109	93.26854	50.51835	92.97353	91.76991	44.2538	6.917061	48.82914	32.25629	16.57285	29.31262	1
1797.505	1801.114	1440.114	94.73177	64.44292	93.95295	93.57535	43.28741	6.264858	50.44773	34.24725	16.20048	29.01935	1
1797.51	1801.119	1440.119	95.00318	52.17537	94.55477	93.78775	43.44581	7.272503	49.28169	33.18597	16.09572	29.17836	1
1797.515	1801.124	1440.124	97.15082	67.86837	96.78501	96.2186	37.03211	10.14198	52.82591	21.63008	31.19583	28.40605	1
1797.52	1801.129	1440.129	96.82041	55.69829	96.69061	96.3484	38.4522	10.45283	51.09497	18.62503	32.46994	28.52189	1
1797.525	1801.134	1440.134	97.56383	72.08751	97.11542	93.38654	36.27127	10.2216	53.50713	24.10756	29.39957	28.92182	1
1797.53	1801.139	1440.139	97.88243	51.1728	96.95022	93.50454	44.78904	6.160152	49.05081	20.4884	28.56241	30.00082	1
1797.535	1801.144	1440.144	96.66701	69.48362	96.3484	91.76991	36.72052	10.19447	53.08501	20.91259	32.17243	29.09906	1
1797.54	1801.149	1440.149	96.1242	57.81482	95.28638	93.90575	44.06763	6.214349	49.71802	29.48189	20.23613	29.40779	1
1797.545	1801.154	1440.154	97.82343	53.13617	98.29544	99.13326	33.48541	14.74419	51.7704	18.67545	33.09495	27.80092	1
1797.55	1801.159	1440.159	97.48123	66.55946	97.42223	100.7263	34.66714	12.10277	53.23008	21.11758	32.11251	27.46544	1
1797.555	1801.163	1440.163	98.05944	66.83795	97.69363	95.93539	36.44554	10.70272	52.85174	28.53589	24.31585	28.58936	1
1797.56	1801.168	1440.168	96.82041	58.35788	96.1478	95.72299	42.01537	7.540693	50.44394	35.85175	14.59219	28.97654	1
1797.565	1801.173	1440.173	96.1006	44.0295	95.28638	95.02678	47.24249	5.398617	47.35889	30.15864	17.20025	29.73172	1
1797.57	1801.178	1440.178	97.09182	49.26514	96.0534	93.02074	46.80113	5.020937	48.17793	29.40602	18.77192	30.21092	1
1797.575	1801.183	1440.183	96.97382	45.18524	95.52239	92.05312	51.09784	2.415997	46.48616	26.58445	19.90171	31.06763	1
1797.58	1801.188	1440.188	96.74961	63.14794	94.47216	91.87611	53.35877	0	46.64123	15.71611	30.92512	30.14776	1
1797.585	1801.193	1440.193	96.077	52.96907	94.94417	92.87913	47.57003	4.290646	48.13933	18.29893	29.8404	30.08902	1
1797.59	1801.198	1440.198	92.64313	33.71139	91.69911	91.2861	53.92632	2.461085	43.6126	20.87425	22.73835	30.82051	1
1797.595	1801.203	1440.203	91.67551	19.46655	91.4867	91.4867	52.41086	4.411473	43.17767	30.28589	12.89178	30.52742	1
1797.6	1801.208	1440.208	91.5339	18.99312	91.4985	92.39532	51.46683	4.981752	43.55142	32.22812	11.3233	30.19337	1
1797.605	1801.213	1440.213	91.78171	28.53145	92.18292	92.05312	45.54685	7.76167	46.69148	19.78179	26.90969	29.39555	1
1797.61	1801.218	1440.218	93.72875	30.59229	94.03556	94.30696	43.98847	8.837081	47.17445	18.88038	28.29407	29.12237	1
1797.615	1801.223	1440.223	94.36596	32.87592	94.75537	95.16838	42.20943	9.90146	47.88911	23.12028	24.76882	28.85746	1
1797.62	1801.228	1440.228	94.93237	27.90484	95.16838	95.86459	44.08021	9.192506	46.72729	33.5228	13.20449	29.08074	1
1797.625	1801.233	1440.233	96.87941	36.02287	96.66701	96.92662	43.79954	8.690841	47.50962	34.01564	13.49398	29.13595	1
1797.63	1801.238	1440.238	98.23644	27.38963	97.88243	96.97382	45.73774	8.2384	46.02386	16.78762	29.23624	29.69691	1
1797.635	1801.242	1440.242	98.42525	33.90633	97.95324	96.70241	44.90152	8.086959	47.01152	27.16923	19.8423	29.6308	1
1797.64	1801.247	1440.247	96.84401	23.37936	96.61981	95.54599	46.98329	7.744281	45.27243	31.04863	14.2238	29.90674	1
1797.645	1801.252	1440.252	99.40467	36.81657	98.85005	98.92086	43.93634	8.443581	47.62008	19.62997	27.99011	29.26274	1
1797.65	1801.257	1440.257	99.40467	39.9496	99.51087	101.0095	38.05684	12.97609	48.96707	27.44015	21.52691	28.13825	1
1797.655	1801.262	1440.262	101.5759	41.32813	102.2013	102.8857	31.7018	19.063	49.23519	16.32939	32.90581	27.50314	1
1797.66	1801.267	1440.267	102.7559	51.95258	103.9242	105.7296	23.83828	25.6942	50.46752	31.189	19.27852	26.64831	1
1797.665	1801.272	1440.272	104.8564	38.59891	104.9744	105.1042	33.27668	18.71597	48.00736	25.33928	22.66808	27.66605	1
1797.67	1801.277	1440.277	104.467	65.62651	105.352	102.3665	21.14988	26.77435	52.07577	24.46532	27.61044	27.41747	1
1797.675	1801.282	1440.282	107.5468	59.17943	108.3374	109.6355	20.60821	30.41303	48.97875	27.94796	21.03079	26.20838	1
1797.68	1801.287	1440.287	108.1722	39.60148	107.712	104.9154	34.4646	17.25482	48.28058	28.5427	19.73788	28.37267	1
1797.685	1801.292	1440.292	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1798.02	1801.623	1440.623	78.91945	27.19469	78.63624	77.40901	63.00784	0	36.99216	23.9306	13.06156	31.34553	1
1798.025	1801.627	1440.627	76.8544	29.93783	76.6302	76.08739	63.78658	0	36.21342	14.07047	22.14295	30.87008	1
1798.03	1801.632	1440.632	73.06652	28.25296	72.09891	70.26987	73.44064	0	26.55936	11.40724	15.15212	29.996	1
1798.035	1801.637	1440.637	72.22871	29.84036	71.34369	70.74188	73.18711	0	26.81289	16.04538	10.76751	29.76928	1
1798.04	1801.642	1440.642	71.55609	14.49548	71.13129	70.88348	73.95276	0	26.04724	20.2465	5.800748	29.65071	1
1798.045	1801.647	1440.647	72.50011	29.65934	71.6977	71.35549	72.34106	0	27.65894	11.67806	15.98088	29.75531	1
1798.05	1801.652	1440.652	72.45291	20.67799	72.0399	71.50889	71.54006	0	28.45994	19.56047	8.899462	29.83601	1
1798.055	1801.657	1440.657	71.8865	12.74098	71.7095	72.12251	72.15288	0	27.84712	5.887449	21.95967	29.6068	1
1798.06	1801.662	1440.662	73.40873	19.91214	72.73612	71.8157	72.85799	0	27.14201	21.93937	5.202645	29.88479	1
1798.065	1801.667	1440.667	73.20813	23.83887	72.61812	72.19331	71.45211	0	28.54789	7.172514	21.37538	29.8474	1
1798.07	1801.672	1440.672	74.01054	36.44061	72.99572	72.81872	70.95653	0	29.04347	17.43786	11.6056	29.7913	1
1798.075	1801.677	1440.677	76.24079	47.17645	75.54458	75.09617	63.83743	0	36.16257	19.11438	17.04819	30.53695	1
1798.08	1801.682	1440.682	77.40901	73.3268	76.38239	74.48255	58.99494	0.59804	40.40702	12.78414	27.62289	30.41949	1
1798.085	1801.687	1440.687	76.6302	62.40993	75.98118	75.46197	59.42687	0.488587	40.08455	16.74652	23.33803	30.41171	1
1798.09	1801.692	1440.692	77.68042	63.76062	76.5358	75.48557	61.97478	0	38.02522	9.687197	28.33803	30.68381	1
1798.095	1801.697	1440.697	78.31763	83.39426	76.35879	74.97816	62.94738	0	37.05262	10.86814	26.18449	30.17264	1
1798.1	1801.702	1440.702	78.42384	76.91934	77.78662	71.7803	54.17399	1.895631	43.93038	28.10746	15.82292	30.40529	1
1798.105	1801.706	1440.706	83.79295	141.0002	84.43016	72.0753	23.85004	11.53089	64.61907	29.22448	35.39459	29.21719	1
1798.11	1801.711	1440.711	85.71638	196.4339	85.99959	69.14884	11.40907	15.07533	73.51561	58.42981	15.0858	30.36538	1
1798.115	1801.716	1440.716	86.04679	210.8876	85.11457	72.38211	17.02684	12.15897	70.81419	57.74264	13.07155	28.82214	1
1798.12	1801.721	1440.721	84.98477	244.9611	82.89613	67.48501	18.72041	10.7042	70.57539	40.05887	30.51652	28.56775	1

1798.125	1801.726	1440.726	81.6099	167.8886	79.33245	68.93644	41.94007	4.705177	53.35475	21.74888	31.60587	28.44251	1
1798.13	1801.731	1440.731	81.5155	176.48	79.73366	69.00724	36.10681	6.489172	57.40402	31.60182	25.8022	28.0735	1
1798.135	1801.736	1440.736	82.48312	213.9928	79.46226	67.88622	35.74095	6.030732	58.22832	31.38739	26.84093	27.61981	1
1798.14	1801.741	1440.741	83.94635	232.1783	81.17329	67.54401	28.0734	7.881317	64.04529	27.50248	36.5428	27.8377	1
1798.145	1801.746	1440.746	84.80777	242.9838	83.25013	68.16942	15.24643	12.09658	72.65699	41.79412	30.86288	28.85607	1
1798.15	1801.751	1440.751	83.52154	215.984	81.16149	67.0956	29.18242	7.869467	62.94811	43.43399	19.51412	28.13401	1
1798.155	1801.756	1440.756	82.04651	181.7157	80.21747	67.82722	34.71706	6.792186	58.49075	33.12993	25.36082	28.29942	1
1798.16	1801.761	1440.761	83.12033	173.0267	80.77208	70.04566	39.85575	4.974944	55.16931	30.07784	25.09147	28.42671	1
1798.165	1801.766	1440.766	82.45952	146.9739	79.81626	70.89528	49.05479	2.436296	48.50891	33.71485	14.79406	29.27481	1
1798.17	1801.771	1440.771	81.6689	161.8314	79.14365	68.09862	45.27212	3.701687	51.02619	32.57742	18.44878	28.93297	1
1798.175	1801.776	1440.776	81.7161	171.1469	81.17329	68.31103	27.61042	9.347917	63.04167	29.01166	34.03001	28.59075	1
1798.18	1801.78	1440.78	83.30914	190.9059	83.71034	72.99572	14.04701	13.94399	72.00901	42.62736	29.38165	28.91324	1
1798.185	1801.785	1440.785	85.53938	224.6173	85.83439	76.642	4.660091	16.93079	78.40912	78.40912	0	-9999	1
1798.19	1801.79	1440.79	89.50426	198.0074	90.76689	85.45678	0	21.33198	78.66802	78.66802	0	-9999	1
1798.195	1801.795	1440.795	92.73753	286.7905	90.62529	77.91642	1.64806	14.45419	83.89775	83.89775	0	-9999	1
1798.2	1801.8	1440.8	88.98505	247.6067	84.94937	76.15819	29.48946	4.799383	65.71115	40.83558	24.87558	27.28875	1
1798.205	1801.805	1440.805	86.5778	218.4348	84.02895	74.06955	27.24081	7.666481	65.09271	43.09675	21.99596	27.67493	1
1798.21	1801.81	1440.81	88.61924	248.1777	84.64256	73.45593	29.23059	5.095077	65.67434	45.43495	20.23939	27.6724	1
1798.215	1801.815	1440.815	87.71063	188.9704	84.46556	80.38268	38.72466	3.51173	57.76361	26.90606	30.85755	27.36422	1
1798.22	1801.82	1440.82	85.30338	132.4227	82.62472	80.59508	50.23418	1.431622	48.3342	32.82867	15.50553	28.68717	1
1798.225	1801.825	1440.825	89.63407	127.3959	89.45706	88.33604	28.07863	10.66729	61.25408	31.52455	29.72953	27.42523	1
1798.23	1801.83	1440.83	94.10636	120.3362	94.63737	93.71695	20.18547	16.33793	63.47661	33.6252	29.8514	27.61629	1
1798.235	1801.835	1440.835	97.20982	112.0371	97.24522	95.93539	23.17963	15.52113	61.29924	45.57429	15.72495	27.70731	1
1798.24	1801.84	1440.84	101.3163	152.864	100.2071	93.51635	18.3924	13.80595	67.80165	48.9391	18.86255	28.90277	1
1798.245	1801.845	1440.845	101.3517	153.0311	99.40467	90.51908	24.81248	8.179944	67.00758	43.96281	23.04477	29.43715	1
1798.25	1801.85	1440.85	102.6497	151.4576	99.84128	92.53693	30.67506	2.517096	66.80784	37.94282	28.86502	29.65097	1
1798.255	1801.855	1440.855	100.0183	154.7995	96.80861	91.4867	35.39662	0.352943	64.25043	22.31874	41.93169	29.30946	1
1798.26	1801.859	1440.859	99.52267	187.7589	95.54599	88.08823	33.82077	0	66.17923	37.43349	28.74574	27.16468	1
1798.265	1801.864	1440.864	100.2189	261.4895	100.3133	84.20595	0	28.60789	71.39211	71.39211	0	-9999	1
1798.27	1801.869	1440.869	103.2987	226.3161	104.2664	97.44583	0	36.59427	63.40573	63.40573	0	-9999	1
1798.275	1801.874	1440.874	105.3874	201.4607	106.2134	93.62255	0	36.82311	63.17689	63.17689	0	-9999	1
1798.28	1801.879	1440.879	108.7387	159.5617	108.5971	102.2721	2.443932	29.31035	68.24572	68.24572	0	-9999	1
1798.285	1801.884	1440.884	110.7919	162.4301	112.1607	109.6827	0	50.57696	49.42304	49.42304	0	-9999	1
1798.29	1801.889	1440.889	111.7359	118.7766	112.3495	119.0757	3.703518	40.20978	56.0867	56.0867	0	-9999	1
1798.295	1801.894	1440.894	112.3141	129.5542	114.7096	119.9843	0	66.34686	33.65314	33.65314	0	-9999	1
1798.3	1801.899	1440.899	107.7002	183.9575	109.9069	116.161	0	54.38322	45.61678	45.61678	0	-9999	1
1798.305	1801.904	1440.904	106.7326	231.6492	110.6739	99.42827	0	74.5434	25.4566	25.4566	0	-9999	1
1798.31	1801.909	1440.909	104.703	262.9516	106.7444	98.09484	0	51.17807	48.82193	48.82193	0	-9999	1
1798.315	1801.914	1440.914	107.5586	152.3209	108.5499	112.6563	0	38.8054	61.1946	61.1946	0	-9999	1
1798.32	1801.919	1440.919	106.6264	134.4417	108.5263	106.1898	0	45.20317	54.79683	54.79683	0	-9999	1
1798.325	1801.924	1440.924	103.3813	120.8235	105.057	108.4319	2.663702	35.69688	61.63942	61.63942	0	-9999	1
1798.33	1801.929	1440.929	103.7472	141.8914	105.706	107.0158	0	40.32312	59.67688	59.67688	0	-9999	1
1798.335	1801.934	1440.934	101.8355	137.352	103.6882	106.4848	0	35.61254	64.38746	64.38746	0	-9999	1
1798.34	1801.938	1440.938	98.02404	150.1208	98.87366	95.45159	6.904113	23.89243	69.20346	59.09018	10.11328	-9999	1
1798.345	1801.943	1440.943	97.17442	131.3505	99.82947	99.21586	0	33.38074	66.61926	66.61926	0	-9999	1
1798.35	1801.948	1440.948	94.37776	99.21258	94.53117	91.56931	27.97414	13.15812	58.86774	36.50895	22.35879	28.09883	1
1798.355	1801.953	1440.953	92.85553	105.7989	91.84071	88.85525	36.83444	7.093081	56.07248	21.20141	34.87107	28.46756	1
1798.36	1801.958	1440.958	92.00591	82.55879	91.3333	90.95569	40.58809	6.692197	52.71971	37.25889	15.46082	28.4472	1
1798.365	1801.963	1440.963	91.2153	48.61068	90.87309	90.03527	46.97025	5.461602	47.56815	17.43741	30.13074	29.54332	1
1798.37	1801.968	1440.968	89.35086	52.50956	88.69005	87.95843	50.2112	3.575806	46.21299	25.70845	20.50454	29.872	1
1798.375	1801.973	1440.973	89.07945	61.95042	87.72243	86.566	53.57187	1.492621	44.93551	27.53222	17.4033	30.37057	1
1798.38	1801.978	1440.978	89.89367	63.48213	88.56024	86.2828	52.26921	1.907372	45.82342	13.4276	32.39581	30.3988	1
1798.385	1801.983	1440.983	89.71667	53.31719	88.27704	84.76057	55.71504	0.768044	43.51692	26.71358	16.80334	31.34121	1
1798.39	1801.988	1440.988	89.19746	58.23256	87.81683	83.61594	54.54593	1.185614	44.26846	25.48595	18.78251	31.15645	1
1798.395	1801.993	1440.993	89.43346	63.64922	88.02923	87.60442	53.20088	1.525201	45.27392	20.07423	25.19969	30.1779	1
1798.4	1801.998	1440.998	87.09701	66.25312	85.72819	85.10277	54.44591	1.242478	44.31161	13.26785	31.04376	30.22018	1
1798.405	1802.003	1441.003	87.79323	71.76725	87.02621	85.71638	47.80693	3.894754	48.29832	30.85024	17.44808	29.3243	1
1798.41	1802.008	1441.008	90.03527	91.27557	89.82287	88.44224	36.72499	8.28807	54.98694	29.10985	25.87708	28.14919	1
1798.415	1802.012	1441.012	92.21832	77.94976	92.23012	89.48066	36.20385	9.5864	54.20975	34.0272	20.18254	28.55068	1
1798.42	1802.017	1441.017	92.99713	91.73508	92.18292	89.18566	38.55293	7.120092	54.32698	27.73169	26.59529	28.72122	1
1798.425	1802.022	1441.022	92.43072	59.01234	92.17112	91.98231	42.69469	7.181217	50.12409	29.68983	20.43426	28.83673	1
1798.43	1802.027	1441.027	91.2035	51.93866	89.58686	89.13846	56.05254	0.354351	43.59311	18.48476	25.10836	30.97035	1
1798.435	1802.032	1441.032	93.25674	56.90973	92.41892	92.46612	46.92473	4.77591	48.29936	27.00809	21.29127	29.4056	1
1798.44	1802.037	1441.037	96.372	84.10442	94.79077	92.39532	43.23904	4.141002	52.61996	20.48899	32.13097	29.4003	1
1798.445	1802.042	1441.042	100.3133	100.0759	99.10966	92.74933	32.8215	9.064313	58.11419	26.48656	31.62763	29.2329	1
1798.45	1802.047	1441.047	103.1925	110.8953	103.3341	101.4461	17.12878	21.86116	61.01006	34.8254	26.18466	27.70785	1
1798.455	1802.052	1441.052	103.9006	133.4392	106.0836	95.86459	0	42.10967	57.89033	57.89033	0	-9999	1
1798.46	1802.057	1441.057	106.5556	159.9794	109.6473	109.7535	0	59.53863	40.46137	40.46137	0	-9999	1
1798.465	1802.062	1441.062	106.5084	156.9299	109.3641	95.93539	0	56.61613	43.38387	43.38387	0	-9999	1
1798.47	1802.067	1441.067	106.4612	150.0233	108.0306	101.2101	0	42.50107	57.49893	57.49893	0	-9999	1
1798.475	1802.072	1441.072	103.3695	131.1695	100.5847	93.43374	34.73965	1.323855	63.9365	28.62336	35.31314	30.02602	1
1798.48	1802.077	1441.077	106.3314	114.9334	105.9774	97.70543	17.10477	21.32694	61.56829	33.70877	27.85952	28.91236	1
1798.485	1802.082	1441.082	104.5496	107.8597	102.8739	97.25702	30.6985	8.2654	61.0361	25.42403	35.61207	29.24995	1

1798.49	1802.087	1441.087	104.2782	79.87135	103.0155	96.97382	34.52057	9.492874	55.98655	33.35172	22.63483	29.47856	1
1798.495	1802.091	1441.091	105.7886	93.48958	103.877	98.49605	34.86522	5.906471	59.22831	41.4087	17.81961	29.6834	1
1798.5	1802.096	1441.096	104.4198	87.97545	102.1895	98.64945	39.92816	2.590891	57.48095	28.61804	28.86291	29.91266	1
1798.505	1802.101	1441.101	101.6585	73.47997	99.62887	96.72601	44.42174	2.347191	53.23107	34.31285	18.91822	30.15749	1
1798.51	1802.106	1441.106	98.62585	34.1152	97.91784	95.10938	46.49545	6.782826	46.72172	15.7227	30.99902	30.19185	1
1798.515	1802.111	1441.111	100.1835	43.62569	100.0065	99.61707	38.64556	12.00649	49.34795	17.80107	31.54688	28.57809	1
1798.52	1802.116	1441.116	98.34264	23.19834	98.74385	99.82947	40.80141	12.77349	46.42511	15.06093	31.36418	28.53669	1
1798.525	1802.121	1441.121	99.47547	45.12954	98.23644	97.77623	47.16367	4.711496	48.12484	15.6503	32.47454	29.9379	1
1798.53	1802.126	1441.126	98.60225	39.72681	98.22464	97.88243	42.5985	9.189571	48.21193	29.8038	18.40812	29.1008	1
1798.535	1802.131	1441.131	98.96806	37.74952	98.60225	96.70241	42.64901	9.398839	47.95215	22.74572	25.20643	29.40174	1
1798.54	1802.136	1441.136	99.00346	37.3457	98.85005	98.49605	41.06803	10.75675	48.17522	34.97154	13.20368	28.87763	1
1798.545	1802.141	1441.141	98.97986	30.2581	98.85005	98.08304	42.62204	10.41088	46.96707	32.47248	14.49459	29.17076	1
1798.55	1802.146	1441.146	99.22766	33.59999	98.88546	97.90604	43.23146	9.464736	47.30381	30.12039	17.18342	29.32007	1
1798.555	1802.151	1441.151	99.19226	32.84807	98.50785	97.52843	46.0981	7.204913	46.69699	25.65377	21.04323	29.80403	1
1798.56	1802.156	1441.156	98.83825	33.80886	98.64945	98.43705	42.35029	10.15884	47.49086	19.76944	27.72143	29.03248	1
1798.565	1802.161	1441.161	97.35142	25.24525	96.98562	96.85581	47.16235	7.401625	45.43603	23.08457	22.35146	29.76738	1
1798.57	1802.166	1441.166	98.90906	38.39005	98.15384	97.74083	45.5662	6.955821	47.47798	30.06885	17.40913	29.6039	1
1798.575	1802.17	1441.17	100.1599	48.63853	98.64945	96.70241	47.78822	3.544918	48.66686	29.21719	19.44966	30.38425	1
1798.58	1802.175	1441.175	101.5169	50.12846	100.1245	97.70543	45.26468	5.032009	49.70331	20.41959	29.28373	30.10432	1
1798.585	1802.18	1441.18	101.1275	50.01706	101.3517	97.59923	33.12098	16.15761	50.7214	22.2166	28.5048	28.54933	1
1798.59	1802.185	1441.185	102.0715	56.71478	102.0479	101.1393	32.55213	15.7324	51.71548	21.26084	30.45463	28.00519	1
1798.595	1802.19	1441.19	101.1039	73.9534	99.15686	93.38654	44.17725	2.770163	53.05259	25.46709	27.5855	30.58952	1
1798.6	1802.195	1441.195	100.7499	109.1269	99.35747	92.46612	31.69272	8.651386	59.6559	40.18484	19.47106	29.28826	1
1798.605	1802.2	1441.2	100.3015	77.64342	100.5611	93.78775	26.92099	17.42938	55.64963	34.96539	20.68425	28.75913	1
1798.61	1802.205	1441.205	100.7735	83.15755	100.5493	97.31602	28.90184	14.85484	56.24332	32.54323	23.70009	28.27227	1
1798.615	1802.21	1441.21	100.1363	72.32423	100.8797	92.80833	24.61069	20.30693	55.08238	41.77844	13.30393	28.84395	1
1798.62	1802.215	1441.215	102.2249	55.3641	102.5081	101.0685	30.36011	18.14566	51.49423	36.8863	14.60792	27.85528	1
1798.625	1802.22	1441.22	102.7441	67.28353	102.4491	98.95626	31.47908	15.02261	53.49831	24.27234	29.22597	28.45968	1
1798.63	1802.225	1441.225	103.4049	86.91718	103.3105	99.35747	24.5651	18.57319	56.8617	41.01331	15.8484	28.13665	1
1798.635	1802.23	1441.23	104.939	97.40238	104.4906	103.8534	23.35993	17.88615	58.75392	26.82281	31.93111	27.57522	1
1798.64	1802.235	1441.235	103.523	60.78076	103.6056	104.7502	29.40978	18.36912	52.2211	21.1805	31.0406	27.31316	1
1798.645	1802.24	1441.24	104.9154	51.52092	105.0334	108.6679	30.09527	19.65943	50.2453	17.52072	32.72458	26.77904	1
1798.65	1802.244	1441.244	105.5054	47.03721	105.6588	106.4494	30.36316	20.40052	49.23632	26.17535	23.06097	27.25116	1
1798.655	1802.249	1441.249	107.9952	49.87782	108.2666	109.7771	26.47055	25.14822	48.38122	23.65843	24.72279	26.56344	1
1798.66	1802.254	1441.254	110.0131	68.68992	109.7771	109.9187	23.99404	23.87172	52.13424	30.13344	22.0008	26.88425	1
1798.665	1802.259	1441.259	112.2551	111.8004	111.3937	111.0987	16.34557	22.36234	61.29209	32.76384	28.52825	27.35888	1
1798.67	1802.264	1441.264	113.1991	95.13268	111.7005	109.5411	24.44906	14.42266	61.12828	34.43042	26.69786	28.24864	1
1798.675	1802.269	1441.269	113.919	92.25029	113.388	107.3934	16.98532	27.38179	55.6329	31.34005	24.29285	27.79123	1
1798.68	1802.274	1441.274	118.4503	129.3175	118.8161	108.2548	0	52.60389	47.39611	47.39611	0	-9999	1
1798.685	1802.279	1441.279	125.9198	221.4007	127.6898	129.0941	0	100	0	0	0	-9999	1
1798.69	1802.284	1441.284	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1799.005	1802.595	1441.595	76.05199	73.50782	76.5358	78.89584	48.49375	3.436909	48.06934	19.84244	28.2269	28.0881	6
1799.01	1802.6	1441.6	69.67986	54.15266	69.20785	66.7888	66.44766	0	33.55234	19.19085	14.36149	30.36103	6
1799.015	1802.605	1441.605	67.60301	35.57728	67.44961	64.36975	70.3844	0	29.6156	13.96592	15.64968	30.07347	6
1799.02	1802.61	1441.61	68.22843	76.65477	66.9894	65.18396	68.28184	0	31.71816	17.12135	14.59681	30.36777	6
1799.025	1802.615	1441.615	73.30253	159.2553	70.49407	66.13978	55.78743	2.817445	41.39513	16.7097	24.68542	28.1397	6
1799.03	1802.62	1441.62	72.81872	136.419	71.16669	66.48199	52.79663	3.08488	44.11849	19.48133	24.63715	28.29483	6
1799.035	1802.625	1441.625	78.95485	217.1537	79.89887	75.41477	7.494194	15.27885	77.22696	58.39522	18.83174	-9999	6
1799.04	1802.629	1441.629	79.99327	184.236	83.50974	84.64256	0	20.72609	79.27391	79.27391	0	-9999	6
1799.045	1802.634	1441.634	82.32972	230.4656	83.61594	80.40628	0	18.78087	81.21913	81.21913	0	-9999	6
1799.05	1802.639	1441.639	82.82533	138.5634	84.60716	83.65134	16.45912	14.40366	69.13723	49.88068	19.25654	27.63499	6
1799.055	1802.644	1441.644	86.3182	146.2637	85.40958	84.83137	32.23324	7.955262	59.8115	41.61124	18.20027	26.9591	6
1799.06	1802.649	1441.649	91.66371	251.9651	87.75783	80.46528	24.9644	5.010512	70.02509	35.71961	34.30548	27.39872	6
1799.065	1802.654	1441.654	90.18868	227.7642	86.33	80.32367	31.81224	3.823275	64.36449	29.74104	34.62344	27.2289	6
1799.07	1802.659	1441.659	82.87253	126.6858	80.45348	76.5712	51.84696	1.649151	46.50389	30.42256	16.08133	29.09361	6
1799.075	1802.664	1441.664	84.37116	156.9578	80.08767	76.27619	57.59178	0	42.40822	21.21743	21.19078	28.01244	6
1799.08	1802.669	1441.669	90.49548	134.9152	87.09701	80.59508	50.43282	0	49.56718	25.92121	23.64596	28.8876	6
1799.085	1802.674	1441.674	94.71997	312.5927	92.78473	76.22899	0	17.35532	82.64468	82.64468	0	-9999	6
1799.09	1802.679	1441.679	99.13326	366.7454	98.35444	79.72186	0	29.11104	70.88896	70.88896	0	-9999	6
1799.095	1802.684	1441.684	92.47792	153.9083	91.95871	86.566	21.69838	12.42244	65.87917	37.7888	28.09037	28.16623	6
1799.1	1802.689	1441.689	88.87885	198.091	85.44498	77.60962	36.90594	3.428406	59.66565	21.38051	38.28514	27.96438	6
1799.105	1802.694	1441.694	93.65795	427.6654	87.12061	76.6656	1.004004	6.388981	92.60702	92.60702	0	-9999	6
1799.11	1802.699	1441.699	92.37172	266.029	88.22984	80.80748	22.73862	4.917973	72.34341	50.51957	21.82384	27.43438	6
1799.115	1802.704	1441.704	91.78171	95.73144	91.60471	92.25372	33.7656	9.671252	56.56315	33.75053	22.81262	27.61787	6
1799.12	1802.708	1441.708	93.31574	114.2372	94.49577	94.95597	17.35893	18.60135	64.03972	44.84282	19.19689	27.48078	6
1799.125	1802.713	1441.713	87.84043	126.2402	89.62227	93.36294	14.82745	17.29121	67.88135	50.93694	16.9444	27.04992	6
1799.13	1802.718	1441.718	86.4362	149.8145	88.65465	90.24768	7.03064	19.41375	73.55561	73.55561	0	-9999	6
1799.135	1802.723	1441.723	87.88763	231.3289	90.43648	80.35907	0	27.60207	72.39793	72.39793	0	-9999	6
1799.14	1802.728	1441.728	91.56931	332.5606	91.74631	70.45867	0	27.1209	72.8791	72.8791	0	-9999	6
1799.145	1802.733	1441.733	90.15328	188.6362	91.1209	84.20595	3.909976	19.92732	76.1627	67.62307	8.539629	-9999	6
1799.15	1802.738	1441.738	89.81107	82.58664	90.73149	90.62529	30.2546	12.30868	57.43671	30.80877	26.62794	27.69097	6
1799.155	1802.743	1441.743	88.66645	58.17686	89.03225	89.96447	41.51306	7.627602	50.85934	18.19107	32.66827	28.39317	6
1799.16	1802.748	1441.748	90.42468	46.27135	90.62529	90.87309	44.05694	7.191996	48.75106	16.3603	32.39076	28.952	6

1799.165	1802.753	1441.753	91.4277	50.82469	91.74631	91.67551	41.11774	8.650517	50.23174	20.03423	30.19751	28.66647	6
1799.17	1802.758	1441.758	91.3333	92.23637	93.23314	95.10938	18.92841	18.76745	62.30414	38.32154	23.9826	27.31753	6
1799.175	1802.763	1441.763	93.05614	82.97653	94.20076	95.03858	25.4372	16.06703	58.49577	28.45228	30.04349	27.41132	6
1799.18	1802.768	1441.768	92.84373	65.18092	93.24494	93.77595	35.70062	10.99006	53.30932	30.47378	22.83554	27.99459	6
1799.185	1802.773	1441.773	93.58715	52.25892	93.43374	93.64615	42.44204	7.911536	49.64642	20.10835	29.53807	28.80603	6
1799.19	1802.778	1441.778	93.29214	60.71114	93.64615	94.48397	36.73558	10.78487	52.47955	34.33408	18.14547	28.04991	6
1799.195	1802.783	1441.783	93.72875	92.30599	94.49577	95.80559	25.48713	15.35634	59.15653	32.99756	26.15897	27.27679	6
1799.2	1802.787	1441.787	93.57535	84.80065	94.89697	94.89697	23.14631	17.60594	59.24775	29.61522	29.63253	27.53817	6
1799.205	1802.792	1441.792	91.84071	73.85593	92.39532	92.12392	33.33517	11.57369	55.09114	33.67684	21.4143	27.92479	6
1799.21	1802.797	1441.797	89.46886	78.40927	90.23588	91.61651	32.76923	11.13294	56.09783	36.457	19.64084	27.53316	6
1799.215	1802.802	1441.802	87.95843	91.37304	89.06765	85.31518	28.36949	12.33929	59.29122	27.59003	31.70119	28.24174	6
1799.22	1802.807	1441.807	91.61651	49.68287	92.12392	92.18292	39.75713	9.562251	50.68062	32.38993	18.29069	28.51621	6
1799.225	1802.812	1441.812	91.4867	44.19659	91.4867	92.46612	45.13666	6.812824	48.05052	15.30507	32.74545	28.99764	6
1799.23	1802.817	1441.817	90.70789	55.02991	90.73149	92.18292	43.0486	7.193359	49.75804	20.57854	29.1795	28.5425	6
1799.235	1802.822	1441.822	92.47792	56.33882	92.18292	91.62831	43.57261	6.863932	49.56346	34.33061	15.23284	29.02356	6
1799.24	1802.827	1441.827	92.14752	45.74222	91.74631	90.62529	47.26403	5.487315	47.24865	21.22806	26.02059	29.69163	6
1799.245	1802.832	1441.832	93.45734	48.42966	93.52815	93.43374	41.75055	8.67186	49.57759	30.9729	18.60469	28.79661	6
1799.25	1802.837	1441.837	91.78171	39.43439	91.72271	91.00289	46.47496	6.401056	47.12398	22.9852	24.13878	29.5389	6
1799.255	1802.842	1441.842	88.46584	34.97853	88.69005	87.74603	48.40904	5.395016	46.19595	17.97924	28.2167	29.79504	6
1799.26	1802.847	1441.847	89.51606	32.30501	89.66947	89.55146	48.63854	5.52119	45.84027	20.8254	25.01488	29.73417	6
1799.265	1802.852	1441.852	87.54542	41.60662	87.33302	87.67523	51.03554	3.750002	45.21446	22.74883	22.46562	29.83174	6
1799.27	1802.857	1441.857	86.5542	62.29854	85.90519	86.82561	50.32374	3.228209	46.44805	13.95339	32.49466	29.30106	6
1799.275	1802.861	1441.861	88.71365	55.55904	88.71365	89.62227	44.93816	6.048219	49.01362	34.09224	14.92139	28.78835	6
1799.28	1802.866	1441.866	92.01771	68.91271	91.0737	89.13846	45.98298	4.585167	49.43186	23.04403	26.38782	29.46953	6
1799.285	1802.871	1441.871	98.50785	49.40438	98.40165	99.72327	38.23999	11.46981	50.2902	23.60051	26.68969	28.19963	6
1799.29	1802.876	1441.876	98.20104	50.08669	98.38985	97.92964	36.07083	13.11081	50.81835	34.41922	16.39913	28.27547	6
1799.295	1802.881	1441.881	98.79105	81.63977	98.64945	94.73177	30.45283	13.6502	55.89698	27.40144	28.49553	28.47436	6
1799.3	1802.886	1441.886	102.7795	65.98855	102.5671	99.98288	31.11973	15.60638	53.27389	26.25179	27.0221	28.23543	6
1799.305	1802.891	1441.891	100.9977	50.50442	101.1393	101.1157	33.76262	15.45916	50.77822	29.21695	21.56126	27.93103	6
1799.31	1802.896	1441.896	98.61405	59.444	98.64945	98.92086	34.61527	13.13184	52.25289	34.7317	17.52119	28.00835	6
1799.315	1802.901	1441.901	98.21284	86.16525	98.17744	96.72601	29.06655	14.15445	56.779	25.43197	31.34703	27.92879	6
1799.32	1802.906	1441.906	98.74385	56.96543	98.82645	98.87366	34.72986	13.37887	51.89127	30.59502	21.29626	28.05606	6
1799.325	1802.911	1441.911	97.69363	55.15523	98.11844	97.49303	33.48203	14.46353	52.05444	34.04056	18.01388	28.05938	6
1799.33	1802.916	1441.916	99.12146	71.72547	99.77047	98.16564	26.42084	18.47031	55.10885	21.99246	33.11639	27.76295	6
1799.335	1802.921	1441.921	101.5051	53.7767	101.2337	99.45187	35.70473	13.17162	51.12365	24.39547	26.72818	28.51214	6
1799.34	1802.926	1441.926	99.29846	62.43778	98.99166	99.31026	35.91322	11.69428	52.39251	37.53059	14.86191	28.15414	6
1799.345	1802.931	1441.931	95.87639	49.33476	95.75839	92.46612	40.76922	9.410874	49.8199	30.30318	19.51672	29.31651	6
1799.35	1802.936	1441.936	93.10334	66.92149	92.93813	90.58989	39.43025	8.54879	52.02096	26.40802	25.61294	28.84426	6
1799.355	1802.94	1441.94	90.04707	91.33127	87.99383	85.04377	50.96715	1.091215	47.94163	13.95765	33.98398	30.00004	6
1799.36	1802.945	1441.945	91.2271	53.23364	91.0855	90.62529	44.28595	6.650369	49.06368	17.12701	31.93667	29.07242	6
1799.365	1802.95	1441.95	92.14752	42.05221	92.39532	92.60773	43.12716	8.212491	48.66035	24.80517	23.85518	28.91627	6
1799.37	1802.955	1441.955	93.81135	58.94271	94.68457	96.84401	32.66198	13.72835	53.60967	20.90357	32.7061	27.51476	6
1799.375	1802.96	1441.96	95.41618	112.1903	96.65521	98.16564	15.46462	20.89454	63.64084	41.79986	21.84098	27.31807	6
1799.38	1802.965	1441.965	95.82919	60.94785	96.2894	96.49001	33.52114	13.3866	53.09226	21.53695	31.55531	27.91828	6
1799.385	1802.97	1441.97	95.79379	64.63787	96.80861	98.02404	28.36249	16.78176	54.85576	26.80525	28.0505	27.41016	6
1799.39	1802.975	1441.975	97.43403	55.4755	98.03584	98.23644	32.27158	15.33163	52.39679	23.8053	28.59149	27.8072	6
1799.395	1802.98	1441.98	101.3517	51.99435	102.1423	102.2485	28.04652	20.75986	51.19362	18.24853	32.9451	27.35038	6
1799.4	1802.985	1441.985	101.9535	36.59378	102.0243	100.8679	36.79836	14.96704	48.2346	15.85992	32.37468	28.41217	6
1799.405	1802.99	1441.99	102.1541	44.83712	102.8149	100.9623	30.04632	20.28921	49.66447	30.96064	18.70383	27.79272	6
1799.41	1802.995	1441.995	99.19226	66.6987	99.20406	98.99166	32.51058	13.9691	53.52032	37.3573	16.16302	27.91948	6
1799.415	1803	1442	101.2927	66.0721	101.3871	102.2485	30.08965	16.46288	53.44748	39.12211	14.32536	27.49959	6
1799.42	1803.005	1442.005	100.8207	52.64881	101.5405	102.8857	28.92538	19.62059	51.45402	20.6473	30.80672	27.22173	6
1799.425	1803.01	1442.01	99.31026	59.76426	100.2071	102.8031	27.22126	19.56321	53.21553	21.22678	31.98875	26.97106	6
1799.43	1803.014	1442.014	100.3133	44.9346	100.4431	100.2425	35.83164	14.32646	49.8419	25.79304	24.04886	28.17647	6
1799.435	1803.019	1442.019	105.9892	73.96733	107.0158	109.1163	16.63353	31.10221	52.26427	40.87486	11.38941	26.22773	6
1799.44	1803.024	1442.024	114.5562	123.9148	116.7156	119.1465	0	70.01806	29.98194	29.98194	0	-9999	6
1799.445	1803.029	1442.029	114.0842	83.58921	115.3232	117.1994	5.21153	51.86631	42.92216	39.92693	2.995225	-9999	6
1799.45	1803.034	1442.034	112.2315	73.41035	112.9749	114.6742	13.22022	39.84218	46.9376	22.51114	24.42646	25.3353	6
1799.455	1803.039	1442.039	107.0158	73.98125	106.6382	105.9774	26.56844	19.08936	54.3422	36.78291	17.55929	27.49942	6
1799.46	1803.044	1442.044	105.5526	58.39966	105.7414	105.1632	27.29567	21.54815	51.15618	26.50427	24.65191	27.3153	6
1799.465	1803.049	1442.049	104.2546	76.52945	104.1012	101.0567	26.75455	18.27646	54.96899	37.87462	17.09437	28.00685	6
1799.47	1803.054	1442.054	96.57261	68.02154	96.254	96.4192	37.16119	10.03219	52.80662	36.51311	16.29352	28.25026	6
1799.475	1803.059	1442.059	98.29544	95.28585	97.88243	96.70241	29.70983	12.50183	57.78834	30.61057	27.17777	27.92885	6
1799.48	1803.064	1442.064	103.7472	64.70749	104.7266	104.467	21.3029	26.45222	52.24488	22.53276	29.71212	26.9467	6
1799.485	1803.069	1442.069	121.3059	206.6546	123.2058	120.9637	0	97.8838	2.1162	2.1162	0	-9999	6
1799.49	1803.074	1442.074	96.3248	50.69937	95.959	94.38956	41.94694	8.434408	49.61865	35.0695	14.54915	29.15766	6
1799.495	1803.079	1442.079	76.7364	15.05246	76.35879	75.48557	68.68628	0	31.31372	8.018004	23.29572	30.42976	6
1799.5	1803.084	1442.084	79.78086	17.33609	79.82806	79.96967	62.04046	0	37.95954	12.81864	25.14089	31.66233	6
1799.505	1803.089	1442.089	88.43044	63.6353	87.23862	84.66616	52.48089	2.028881	45.49023	24.71191	20.77831	30.37289	6
1799.51	1803.093	1442.093	100.5257	113.2207	100.0301	97.25702	23.95794	14.80753	61.23454	39.19427	22.04027	28.05013	6
1799.515	1803.098	1442.098	100.8325	69.73426	99.79407	97.88243	38.40618	8.396665	53.19716	25.50779	27.68936	28.95421	6
1799.52	1803.103	1442.103	108.6561	100.1734	107.4406	107.0394	25.21402	14.29041	60.49557	35.22792	25.26765	27.86031	6
1799.525	1803.108	1442.108	108.9039	121.0324	107.0866	104.6322	24.6022	9.960276	65.43752	46.03213	19.40539	28.61732	6

1799.53	1803.113	1442.113	108.8449	177.413	106.709	102.5789	13.48158	10.67736	75.84106	48.49105	27.35001	29.29581	6
1799.535	1803.118	1442.118	98.23644	76.41805	97.10362	96.0062	39.90868	6.867136	53.22418	28.89821	24.32597	28.86322	6
1799.54	1803.123	1442.123	97.48123	52.45386	96.50181	95.41618	45.21394	5.763734	49.02232	30.33636	18.68597	29.59232	6
1799.545	1803.128	1442.128	101.1157	107.6509	99.26306	95.59319	35.27999	5.666508	59.0535	30.11003	28.94347	29.06024	6
1799.55	1803.133	1442.133	99.48727	88.12862	98.37805	97.25702	35.74106	8.432356	55.82658	29.22153	26.60505	28.46593	6
1799.555	1803.138	1442.138	100.6083	69.95705	100.2897	100.1009	32.97997	13.16797	53.85207	31.39588	22.45619	27.98851	6
1799.56	1803.143	1442.143	99.47547	71.5166	99.85308	100.9387	28.24909	16.99462	54.75629	30.0207	24.73558	27.3641	6
1799.565	1803.148	1442.148	100.1481	54.30583	100.1953	99.93568	34.35595	14.23092	51.41313	26.07338	25.33976	28.06389	6
1799.57	1803.153	1442.153	96.98562	48.26257	97.10362	97.67003	38.17917	11.52428	50.29655	24.34835	25.94821	28.31166	6
1799.575	1803.158	1442.158	98.79105	92.59841	97.06822	93.23314	40.05539	4.709374	55.23524	33.80508	21.43015	29.42307	6
1799.58	1803.163	1442.163	98.16564	149.8562	98.29544	93.90575	12.41643	19.44427	68.1393	46.0628	22.0765	28.52531	6
1799.585	1803.168	1442.168	94.56657	51.01963	94.80257	95.79379	38.82297	10.47529	50.70174	28.73773	21.964	28.2736	6
1799.59	1803.172	1442.172	95.69939	104.3925	94.66097	92.18292	34.74134	8.089979	57.16868	22.57918	34.5895	28.38354	6
1799.595	1803.177	1442.177	101.7647	118.7209	102.2131	99.21586	14.17083	23.1644	62.66477	38.49564	24.16913	28.00722	6
1799.6	1803.182	1442.182	96.2776	72.76982	97.11542	97.95324	27.32123	16.78216	55.89661	37.40509	18.49152	27.41836	6
1799.605	1803.187	1442.187	90.63709	75.41548	89.03225	86.4244	50.80079	1.85009	47.34912	31.08943	16.25969	30.13747	6
1799.61	1803.192	1442.192	91.2153	148.6727	88.66645	80.46528	39.85675	3.19818	56.94507	27.7874	29.15767	29.11759	6
1799.615	1803.197	1442.197	93.04434	179.7105	89.51606	81.84591	38.25337	1.356261	60.39036	38.46062	21.92975	28.79402	6
1799.62	1803.202	1442.202	96.4074	137.6583	96.1124	88.44224	20.27817	14.7544	64.96743	45.37308	19.59435	28.83257	6
1799.625	1803.207	1442.207	93.04434	78.77131	92.73753	90.76689	37.7143	8.639934	53.64576	24.40283	29.24293	28.53707	6
1799.63	1803.212	1442.212	93.66975	92.8212	91.78171	84.66616	45.9934	2.515998	51.4906	34.90541	16.58518	30.35664	6
1799.635	1803.217	1442.217	96.87941	91.55406	96.3602	92.74933	32.73874	10.68351	56.57775	29.87289	26.70487	28.53421	6
1799.64	1803.222	1442.222	98.26004	84.02087	97.08002	93.31574	38.4129	7.113599	54.4735	23.75397	30.71953	29.17252	6
1799.645	1803.227	1442.227	98.75565	86.76401	96.4074	93.39834	46.34683	0.687969	52.9652	16.41695	36.54825	30.19459	6
1799.65	1803.232	1442.232	96.3248	63.05046	95.86459	95.13298	39.68959	8.743913	51.56649	34.42911	17.13738	28.69313	6
1799.655	1803.237	1442.237	99.05066	71.58623	98.66125	99.08606	34.56744	11.59383	53.83873	31.63372	22.20501	28.00649	6
1799.66	1803.242	1442.242	101.5051	91.30342	102.2131	100.8207	19.03276	22.9778	57.98944	29.38933	28.60011	27.49799	6
1799.665	1803.246	1442.246	102.3901	74.92812	103.523	101.6939	18.8891	26.41007	54.70083	35.62982	19.07102	27.35766	6
1799.67	1803.251	1442.251	104.9272	51.31205	104.5732	103.1099	33.79304	15.57005	50.63691	35.88016	14.75675	28.19782	6
1799.675	1803.256	1442.256	105.1514	78.2004	104.9036	103.1099	26.25672	18.53371	55.20957	29.11858	26.09099	27.74782	6
1799.68	1803.261	1442.261	100.7617	76.93326	101.2455	94.56657	24.93186	19.46776	55.60038	39.92383	15.67655	28.60484	6
1799.685	1803.266	1442.266	102.0125	57.56418	101.6349	97.83523	35.14441	13.09083	51.76476	29.91281	21.85195	28.84536	6
1799.69	1803.271	1442.271	103.8534	56.2135	103.7354	101.6939	31.76576	16.77628	51.45796	25.72887	25.72909	28.09997	6
1799.695	1803.276	1442.276	105.3166	115.741	104.2664	108.5971	23.23862	14.34051	62.42087	41.90836	20.5125	26.89779	6
1799.7	1803.281	1442.281	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1800.035	1803.612	1442.612	95.28638	18.04625	95.00318	94.14176	50.16418	6.009349	43.82647	31.69116	12.13531	30.38195	6
1800.04	1803.617	1442.617	98.74385	73.41035	96.1006	93.85855	51.87557	0	48.12443	25.41694	22.70749	28.47849	6
1800.045	1803.622	1442.622	100.0773	91.74901	97.48123	92.26552	45.84506	0	54.15494	26.11171	28.04323	30.2829	6
1800.05	1803.627	1442.627	96.61981	79.49538	94.30696	91.0737	49.79646	0.091806	50.11173	26.7373	23.37443	30.60821	6
1800.055	1803.631	1442.631	93.95295	65.44549	92.66673	89.96447	47.69373	3.527663	48.77861	22.67026	26.10835	30.00161	6
1800.06	1803.636	1442.636	92.34812	58.45535	90.43648	88.33604	55.70874	0	44.29126	13.31121	30.98005	30.98538	6
1800.065	1803.641	1442.641	90.64889	45.58905	89.40986	87.12061	55.17292	1.293768	43.53331	12.07549	31.45782	31.14847	6
1800.07	1803.646	1442.646	89.32726	39.51794	88.66645	86.70761	53.37689	2.6894	43.93371	21.37327	22.56044	30.74352	6
1800.075	1803.651	1442.651	88.60744	51.4513	88.40684	86.97901	47.58462	4.947166	47.46821	32.71168	14.75653	29.58575	6
1800.08	1803.656	1442.656	91.3569	85.98423	91.3215	90.15328	35.41782	9.400565	55.18161	26.72385	28.45776	28.10487	6
1800.085	1803.661	1442.661	87.78143	119.3336	87.17961	88.41864	35.02641	7.691688	57.28191	34.28796	22.99395	27.14089	6
1800.09	1803.666	1442.666	80.90189	52.14752	79.76906	77.66862	61.72994	0	38.27006	9.7643	28.50576	31.05574	6
1800.095	1803.671	1442.671	81.6571	40.81292	80.83108	78.16423	61.40037	0	38.59963	23.73808	14.86155	31.60889	6
1800.1	1803.676	1442.676	79.28525	22.00082	78.76604	77.65682	65.75725	0	34.24275	7.069879	27.17287	30.9042	6
1800.105	1803.681	1442.681	76.99601	25.106	76.7954	75.40297	64.6427	0	35.3573	14.07483	21.28246	30.96384	6
1800.11	1803.686	1442.686	76.20539	17.54496	75.94578	76.6656	67.6571	0	32.3429	20.80223	11.54066	30.19438	6
1800.115	1803.691	1442.691	77.50342	24.24268	77.38541	78.01083	63.74465	0	36.25535	20.89551	15.35985	30.80675	6
1800.12	1803.696	1442.696	78.28223	38.58499	77.51522	74.63596	64.58715	0	35.41285	7.906239	27.50661	31.02288	6
1800.125	1803.701	1442.701	78.97845	48.63853	77.50342	75.73338	67.00079	0	32.99921	23.45336	9.545848	30.15375	6
1800.13	1803.706	1442.706	79.73366	26.30352	79.23805	80.41808	64.12056	0	35.87944	22.84072	13.03872	30.70975	6
1800.135	1803.71	1442.71	80.33547	21.10965	80.33547	81.5273	60.98283	0.198547	38.81862	26.68126	12.13737	31.38204	6
1800.14	1803.715	1442.715	81.5863	23.97811	81.90491	82.51852	56.6687	1.700604	41.6307	24.39558	17.23511	30.6966	6
1800.145	1803.72	1442.72	83.54514	23.7414	84.43016	85.66918	50.53416	4.262837	45.203	25.00183	20.20117	29.69499	6
1800.15	1803.725	1442.725	84.50096	26.0111	85.40958	84.97297	48.92264	5.015346	46.06202	30.03642	16.0256	29.77603	6
1800.155	1803.73	1442.73	87.82863	40.31164	88.41864	88.44224	44.86965	6.792834	48.33751	23.50317	24.83434	29.08078	6
1800.16	1803.735	1442.735	91.94691	77.08643	91.1445	88.37144	42.97265	5.7262	51.30115	35.16954	16.13161	29.16954	6
1800.165	1803.74	1442.74	89.77567	39.81035	89.69307	91.74631	48.41244	5.210006	46.37755	27.11966	19.25789	29.22614	6
1800.17	1803.745	1442.745	89.61046	47.49672	89.89367	90.44828	43.86932	7.132032	48.99865	26.6594	22.33925	28.83271	6
1800.175	1803.75	1442.75	90.40108	76.64085	89.48066	88.92605	45.41717	4.585723	49.99711	33.15073	16.84637	28.9655	6
1800.18	1803.755	1442.755	89.78747	65.19485	89.33906	87.81683	45.09355	5.453908	49.45254	32.33332	17.11923	29.1891	6
1800.185	1803.76	1442.76	88.32424	67.07467	86.4126	82.61292	57.32484	0	42.67516	7.74476	34.9304	30.98443	6
1800.19	1803.765	1442.765	85.86979	45.5055	85.22077	83.55694	55.01732	1.858411	43.12427	29.92176	13.20251	30.70489	6
1800.195	1803.77	1442.77	87.73423	80.91569	86.6132	85.82259	48.39084	3.245684	48.36347	19.29502	29.06845	29.16812	6
1800.2	1803.775	1442.775	88.77265	52.11967	87.65162	86.6132	54.40413	1.61019	43.98568	16.33151	27.65417	30.57447	6
1800.205	1803.78	1442.78	88.79625	31.06572	87.88763	85.94059	57.83134	0.981708	41.18695	29.64684	11.54011	31.64427	-9999
1800.21	1803.785	1442.785	87.97023	37.91661	88.72545	91.74631	44.03865	7.354748	48.6066	21.16676	27.43985	28.46227	-9999
1800.215	1803.789	1442.789	89.40986	41.30028	89.13846	89.89367	49.85165	4.369115	45.77923	17.88366	27.89558	29.6498	-9999
1800.22	1803.794	1442.794	88.92605	43.19402	88.46584	89.12666	51.3017	3.54203	45.15627	31.23986	13.9164	29.85076	-9999

1800.225	1803.799	1442.799	86.95541	50.67152	85.77539	84.43016	56.8837	0.785649	42.33065	16.65932	25.67133	30.97746	-9999
1800.23	1803.804	1442.804	87.20322	42.92946	86.4008	84.61896	55.60284	1.620962	42.7762	21.50358	21.27262	30.94284	-9999
1800.235	1803.809	1442.809	89.92907	41.71802	89.30366	86.77841	52.01644	3.224097	44.75946	19.3485	25.41096	30.6219	-9999
1800.24	1803.814	1442.814	90.31848	36.06464	89.99987	90.03527	50.64856	4.265785	45.08566	25.64265	19.44301	29.99835	-9999
1800.245	1803.819	1442.819	91.4867	29.19983	91.0973	91.2153	51.78379	4.084195	44.13202	30.08663	14.04539	30.28447	-9999
1800.25	1803.824	1442.824	92.11212	43.52821	91.97051	90.89669	45.82045	6.495526	47.68403	32.79651	14.88752	29.48391	-9999
1800.255	1803.829	1442.829	92.07672	42.55349	92.18292	91.87611	44.16841	7.544205	48.28739	18.76166	29.52573	29.129	-9999
1800.26	1803.834	1442.834	94.53117	32.44425	94.36596	94.99138	46.46014	7.111932	46.42792	32.56663	13.86129	29.40088	-9999
1800.265	1803.839	1442.839	94.40136	29.21375	94.48397	95.47519	45.44085	8.083573	46.47557	24.08728	22.3883	29.18912	-9999
1800.27	1803.844	1442.844	95.10938	21.49954	95.15658	95.41618	46.93068	7.881918	45.18741	32.65182	12.53559	29.59681	-9999
1800.275	1803.849	1442.849	96.97382	29.90998	96.93842	96.51361	43.82023	9.375752	46.80402	21.00575	25.79826	29.24848	-9999
1800.28	1803.854	1442.854	97.33962	35.67475	96.87941	95.68759	45.38088	7.546059	47.07306	21.63177	25.44129	29.64127	-9999
1800.285	1803.859	1442.859	97.92964	25.2731	97.57563	97.51663	46.5322	7.876477	45.59132	33.14927	12.44205	29.64479	-9999
1800.29	1803.863	1442.863	98.94446	28.43398	98.87366	98.11844	42.63879	10.63817	46.72305	16.64403	30.07901	29.15071	-9999
1800.295	1803.868	1442.868	96.45461	29.56187	96.3484	95.54599	44.93086	8.556179	46.51296	22.03389	24.47907	29.48048	-9999
1800.3	1803.873	1442.873	91.58111	41.03571	91.5103	90.74329	46.36345	6.339391	47.29716	29.00529	18.29187	29.50414	-9999
1800.305	1803.878	1442.878	92.89093	77.36492	91.62831	89.76387	45.60338	4.070241	50.32638	21.98511	28.34126	29.3842	-9999
1800.31	1803.883	1442.883	95.41618	61.42129	94.29516	91.2861	46.04109	4.638337	49.32058	16.96745	32.35313	29.92212	-9999
1800.315	1803.888	1442.888	95.77019	28.80994	95.46339	95.43978	47.29717	6.920878	45.78195	18.35463	27.42733	29.7033	-9999
1800.32	1803.893	1442.893	97.22162	24.28445	97.42223	98.18924	43.12459	10.59247	46.28294	19.90283	26.38012	28.92592	-9999
1800.325	1803.898	1442.898	97.81163	37.4014	97.06822	96.313	46.72363	6.298316	46.97806	28.39635	18.58171	29.80299	-9999
1800.33	1803.903	1442.903	97.64643	39.05843	97.97684	99.15686	38.15249	12.75024	49.09727	20.37383	28.72345	28.18638	-9999
1800.335	1803.908	1442.908	99.81767	28.62892	99.59347	99.29846	42.97713	10.36954	46.65334	14.69086	31.96248	29.13164	-9999
1800.34	1803.913	1442.913	99.38107	39.08627	99.36927	97.97684	39.20199	12.11506	48.68294	18.15691	30.52603	28.79832	-9999
1800.345	1803.918	1442.918	100.9623	26.67948	100.7381	100.4077	42.39584	11.2061	46.39806	21.71731	24.68075	29.04686	-9999
1800.35	1803.923	1442.923	102.0361	57.81482	100.6319	99.36927	43.01836	5.721604	51.26004	27.04274	24.2173	29.55206	-9999
1800.355	1803.928	1442.928	101.4815	59.23513	100.4313	98.69665	40.44133	7.99137	51.5673	24.23488	27.33242	29.19196	-9999
1800.36	1803.933	1442.933	99.60527	72.60272	98.02404	94.34236	43.04784	4.498831	52.45332	35.24418	17.20915	29.86838	-9999
1800.365	1803.938	1442.938	98.17744	77.90798	95.84099	93.71695	48.93049	0.074775	50.99473	24.82938	26.16535	30.42303	-9999
1800.37	1803.942	1442.942	92.78473	48.76385	92.34812	90.94389	46.22092	5.863317	47.91577	23.52033	24.39543	29.58753	-9999
1800.375	1803.947	1442.947	88.47764	40.91039	88.81985	89.97627	46.04815	6.2602	47.69165	27.52919	20.16246	29.01963	4
1800.38	1803.952	1442.952	86.03499	26.28959	86.69581	88.39504	49.36442	5.058401	45.57718	20.21738	25.3598	29.47035	4
1800.385	1803.957	1442.957	86.566	26.98582	87.19142	88.17084	48.98176	5.281784	45.73646	14.06522	31.67124	29.55376	4
1800.39	1803.962	1442.962	89.84647	39.69896	91.0737	92.26552	38.2231	10.76723	51.00966	23.0198	27.98986	28.23291	4
1800.395	1803.967	1442.967	89.87007	38.3065	91.5221	92.80833	35.2461	12.56628	52.18762	37.55012	14.63751	28.01143	4
1800.4	1803.972	1442.972	90.36568	49.00057	90.86129	93.02074	41.16446	8.603868	50.23167	26.3829	23.84878	28.24509	4
1800.405	1803.977	1442.977	91.5457	44.07127	92.54873	94.62557	37.33929	11.43074	51.22996	25.70493	25.52503	27.95452	4
1800.41	1803.982	1442.982	90.75509	40.6876	91.4985	92.67853	40.89745	9.400895	49.70165	26.62756	23.07409	28.472	4
1800.415	1803.987	1442.987	88.60744	40.0053	87.75783	86.90821	55.3844	1.738047	42.87755	21.86836	21.00918	30.8497	4
1800.42	1803.992	1442.992	87.28582	42.30285	86.20019	84.33576	57.87333	0.631935	41.49473	15.63443	25.8603	31.39713	4
1800.425	1803.997	1442.997	87.88763	36.552	87.42742	87.26222	53.86442	2.657229	43.47835	13.27232	30.20603	30.45409	4
1800.43	1804.002	1443.002	88.50124	40.45088	87.82863	85.86979	54.0025	2.384056	43.61344	21.97127	21.64217	30.79435	4
1800.435	1804.007	1443.007	86.87281	23.92242	85.97599	86.4952	61.23813	0	38.76187	24.73986	14.022	31.7461	4
1800.44	1804.012	1443.012	86.12939	16.01326	85.94059	85.17357	58.34898	1.490819	40.1602	20.1053	20.0549	31.57821	4
1800.445	1804.017	1443.017	86.507	25.83008	86.684	86.97901	52.7909	3.582621	43.62648	27.1537	16.47278	30.26553	4
1800.45	1804.021	1443.021	86.212	24.70219	86.3654	85.71638	53.51816	3.281068	43.20077	27.42347	15.77731	30.56352	4
1800.455	1804.026	1443.026	86.70761	24.70219	86.70761	87.74603	54.25107	2.982584	42.76634	13.1779	29.58844	30.39493	4
1800.46	1804.031	1443.031	87.41562	23.39328	87.81683	88.71365	50.80709	4.701376	44.49153	21.559	22.93254	29.89964	4
1800.465	1804.036	1443.036	87.85223	21.41599	88.31244	88.72545	50.42666	5.037108	44.53624	18.93337	25.60286	29.96489	4
1800.47	1804.041	1443.041	87.61622	20.95648	88.13543	88.44224	50.29772	5.091865	44.61041	18.21183	26.39858	29.96451	4
1800.475	1804.046	1443.046	87.56902	16.29175	87.74603	88.30064	54.12212	3.475371	42.40251	29.12739	13.27512	30.59741	4
1800.48	1804.051	1443.051	87.87583	21.56916	87.94663	88.40684	53.38579	3.594947	43.01926	32.11531	10.90395	30.43489	4
1800.485	1804.056	1443.056	88.31244	18.77032	88.60744	88.78445	51.92384	4.489033	43.58713	21.46159	22.12553	30.28733	4
1800.49	1804.061	1443.061	88.12363	17.36394	88.53664	88.58384	51.52337	4.740489	43.73614	27.34246	16.39369	30.25671	4
1800.495	1804.066	1443.066	88.90245	17.29432	89.10305	89.05585	52.46984	4.351567	43.17859	30.90178	12.27682	30.45271	4
1800.5	1804.071	1443.071	89.58686	14.59295	89.89367	90.87309	51.67084	4.993901	43.33526	31.9803	11.35496	30.17365	4
1800.505	1804.076	1443.076	89.17386	15.86009	89.64587	90.30668	50.46384	5.50183	44.03433	15.77796	28.25638	30.01346	4
1800.51	1804.081	1443.081	89.68127	17.41964	89.43346	89.06765	55.19817	2.982812	41.81902	24.48999	17.32903	31.02903	4
1800.515	1804.086	1443.086	90.40108	27.12507	89.69307	88.71365	55.75385	2.103079	42.14307	19.68527	22.4578	31.18559	4
1800.52	1804.091	1443.091	92.35992	51.11711	90.29488	88.37144	58.66261	0	41.33739	23.43732	17.90007	30.05235	4
1800.525	1804.095	1443.095	91.1799	22.58566	90.08247	88.33604	59.15379	0.493717	40.35249	29.37614	10.97636	32.12388	4
1800.53	1804.1	1443.1	92.97353	64.61002	90.80229	88.44224	55.65587	0	44.34413	8.440231	35.9039	30.21126	4
1800.535	1804.105	1443.105	93.84675	38.79386	92.51332	91.1445	54.60694	1.469622	43.92344	20.49841	23.42503	31.14654	4
1800.54	1804.11	1443.11	92.15932	12.49034	92.02951	91.5457	53.19674	4.481725	42.32154	22.15169	20.16985	30.80517	4
1800.545	1804.115	1443.115	92.33632	10.15101	92.39532	92.37172	52.13678	5.302496	42.56072	29.14809	13.41263	30.54446	4
1800.55	1804.12	1443.12	92.39532	7.811685	92.41892	92.84373	52.92297	5.016649	42.06038	27.18244	14.87794	30.62535	4
1800.555	1804.125	1443.125	93.15054	19.70327	92.58413	92.02951	53.923	3.484595	42.5924	13.01813	29.57427	30.94616	4
1800.56	1804.13	1443.13	92.40712	22.8363	91.79351	90.84949	54.21456	3.111975	42.67346	26.04674	16.62672	31.0183	4
1800.565	1804.135	1443.135	91.89971	35.57728	91.0973	90.17688	53.06129	2.904241	44.03447	28.64383	15.39063	30.66853	4
1800.57	1804.14	1443.14	91.93511	21.76411	91.3097	91.1799	54.99973	2.764306	42.23596	17.87532	24.36064	31.00738	4
1800.575	1804.145	1443.145	91.97051	19.75897	91.5221	91.65191	54.08063	3.431118	42.48825	17.09251	25.39575	30.79788	4
1800.58	1804.15	1443.15	92.14752	15.16386	92.10032	91.94691	51.92044	5.033625	43.04594	30.44946	12.59648	30.48859	4
1800.585	1804.155	1443.155	93.00893	20.99826	92.87913	93.43374	50.35617	5.561081	44.08275	30.62499	13.45776	30.06732	4

1800.59	1804.16	1443.16	93.17414	19.98176	92.97353	92.41892	50.99889	5.253161	43.74795	21.13476	22.61319	30.39661	4
1800.595	1804.165	1443.165	93.66975	15.28918	93.79955	95.02678	49.11788	6.872327	44.00979	22.5851	21.42469	29.7785	4
1800.6	1804.17	1443.17	93.43374	17.14115	94.04736	95.66399	45.1373	9.252983	45.60972	31.07003	14.53968	29.06999	4
1800.605	1804.174	1443.174	93.59895	20.31595	94.49577	97.04462	42.02217	11.05555	46.92228	18.59572	28.32656	28.46367	4
1800.61	1804.179	1443.179	93.90575	19.78682	94.54297	95.35718	43.8799	9.938263	46.18184	31.23771	14.94413	29.02899	4
1800.615	1804.184	1443.184	94.21256	17.02975	94.56657	94.17716	46.45969	8.52807	45.01224	23.09319	21.91905	29.64293	4
1800.62	1804.189	1443.189	96.53721	18.78425	96.84401	96.77321	44.26223	10.26708	45.47068	28.36872	17.10197	29.25084	4
1800.625	1804.194	1443.194	98.08304	18.14372	98.21284	98.03584	44.36685	10.48225	45.1509	27.58154	17.56935	29.29139	4
1800.63	1804.199	1443.199	99.32206	14.16129	99.33386	98.57865	45.10522	10.53656	44.35823	30.38338	13.97484	29.52023	4
1800.635	1804.204	1443.204	99.35747	15.95756	99.61707	99.95928	42.71746	12.33481	44.94773	13.62536	31.32237	28.91769	4
1800.64	1804.209	1443.209	100.2425	20.16278	100.4195	100.8561	41.52574	12.91416	45.5601	21.11444	24.44566	28.72051	4
1800.645	1804.214	1443.214	100.4903	17.64243	100.7853	101.8355	40.99317	13.82139	45.18544	17.44377	27.74167	28.5048	4
1800.65	1804.219	1443.219	100.1835	23.01732	100.1953	100.3841	42.16955	11.9081	45.92235	19.0338	26.88855	28.88547	4
1800.655	1804.224	1443.224	100.7027	30.49481	100.3723	97.18622	42.53443	10.50015	46.96541	25.89521	21.07021	29.61228	4
1800.66	1804.229	1443.229	100.4431	25.34272	100.6201	98.34264	40.08764	13.46091	46.45145	29.25662	17.19482	29.02338	4
1800.665	1804.234	1443.234	100.0065	22.98947	100.0301	98.99166	42.24768	11.82498	45.92734	20.14826	25.77908	29.12417	4
1800.67	1804.239	1443.239	100.0537	31.77587	100.4903	100.2661	36.87713	15.31497	47.80789	19.67837	28.12952	28.23284	4
1800.675	1804.244	1443.244	100.6319	33.41897	100.7499	99.82947	38.41675	13.77549	47.80776	30.81507	16.99269	28.57263	4
1800.68	1804.248	1443.248	102.9801	36.03679	103.3105	105.1396	33.97671	18.08239	47.9409	22.78236	25.15853	27.43938	4
1800.685	1804.253	1443.253	104.8564	27.89092	105.3992	107.2754	32.57574	21.74391	45.68035	22.3143	23.36605	27.05334	4
1800.69	1804.258	1443.258	107.3462	28.28081	108.4555	110.2727	25.80104	31.27007	42.92889	25.38447	17.54442	25.95302	4
1800.695	1804.263	1443.263	109.2461	29.78466	109.3051	110.1901	31.82847	23.39758	44.77395	18.55122	26.22273	26.93715	4
1800.7	1804.268	1443.268	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1801	1804.564	1443.564	83.01413	18.25511	82.63652	82.23531	62.13572	0	37.86428	24.52129	13.34299	31.936	4
1801.005	1804.569	1443.569	87.21502	71.82294	86.3064	84.13515	49.42283	3.209461	47.36771	29.15209	18.21562	29.64111	4
1801.01	1804.574	1443.574	87.72243	104.7963	86.3772	84.48916	44.36017	4.076983	51.56285	21.75936	29.80349	28.57475	4
1801.015	1804.579	1443.579	89.69307	63.84416	88.97325	88.59564	47.61066	4.247571	48.14177	18.23442	29.90735	29.30305	4
1801.02	1804.584	1443.584	89.22106	66.37844	88.00563	85.45678	51.27259	2.356923	46.37049	33.36044	13.01005	30.18365	4
1801.025	1804.589	1443.589	88.61924	58.21864	87.58082	84.76057	52.42915	2.277107	45.29374	13.24038	32.05336	30.47589	4
1801.03	1804.594	1443.594	88.50124	68.13293	87.43922	85.38598	50.32136	2.823138	46.8555	23.15652	23.69898	29.87709	4
1801.035	1804.599	1443.599	85.11457	37.38748	84.52456	84.54816	57.21942	1.244071	41.53651	29.22302	12.31349	30.85466	4
1801.04	1804.604	1443.604	84.45376	44.78142	83.69854	83.50974	57.31836	1.024574	41.65707	28.08126	13.57581	30.76098	4
1801.045	1804.609	1443.609	83.27373	34.95068	83.48614	83.28553	53.28397	2.835072	43.88096	24.74204	19.13892	30.17578	4
1801.05	1804.614	1443.614	90.38928	47.2043	90.34208	89.96447	45.78423	6.185607	48.03016	16.04002	31.99015	29.25648	4
1801.055	1804.619	1443.619	91.75811	73.73061	91.89971	91.56931	36.64231	9.609094	53.7486	23.69102	30.05758	28.13206	4
1801.06	1804.624	1443.624	89.44526	74.64963	90.76689	91.3569	29.40254	13.21124	57.38623	34.87451	22.51171	27.59682	4
1801.065	1804.629	1443.629	89.89367	85.24623	90.80229	91.00289	29.62644	12.49842	57.87514	23.38469	34.49045	27.58008	4
1801.07	1804.634	1443.634	89.61046	99.53284	90.03527	90.10608	30.17916	11.22851	58.59234	37.3233	21.26904	27.48166	4
1801.075	1804.638	1443.638	87.19142	67.25568	88.07643	90.17688	36.64913	9.33201	54.01886	22.64753	31.37133	27.66142	4
1801.08	1804.643	1443.643	83.17933	71.05709	83.02593	80.94909	47.46807	4.156055	48.37587	19.208	29.16787	29.16623	4
1801.085	1804.648	1443.648	83.19113	66.40629	82.88433	83.16753	49.77159	3.400686	46.82773	25.87789	20.94983	29.08432	4
1801.09	1804.653	1443.653	82.31792	65.905	83.09673	80.53608	42.28268	6.16287	51.55445	34.07343	17.48101	28.80862	4
1801.095	1804.658	1443.658	84.35936	78.10293	83.92275	82.68372	46.8722	4.20928	48.91852	26.04847	22.87005	28.89436	4
1801.1	1804.663	1443.663	88.96145	141.6825	85.89339	79.89887	47.64578	0.83249	51.52173	29.70706	21.81467	29.32882	4
1801.105	1804.668	1443.668	92.06492	122.3691	90.25948	88.18264	39.67908	4.527774	55.79314	24.05161	31.74153	28.30943	4
1801.11	1804.673	1443.673	100.3251	126.6579	99.06246	98.00044	26.83506	10.4806	62.68434	30.86473	31.81961	27.88754	4
1801.115	1804.678	1443.678	91.1209	109.5585	90.54268	83.28553	34.13675	8.519765	57.34348	23.08152	34.26196	28.93581	4
1801.12	1804.683	1443.683	86.5306	79.60678	86.04679	82.89613	44.87653	4.946088	50.17738	34.3924	15.78498	29.12324	4
1801.125	1804.688	1443.688	83.79295	66.23919	82.81353	81.91671	54.47111	1.62753	43.90136	19.43306	24.4683	30.01951	4
1801.13	1804.693	1443.693	82.86073	75.16484	80.80748	78.37663	61.49087	0	38.50913	13.59099	24.91814	30.12827	4
1801.135	1804.698	1443.698	83.96995	150.0373	79.71006	77.51522	59.45276	0	40.54724	25.0002	15.54705	27.63935	4
1801.14	1804.703	1443.703	92.61953	305.9646	88.27704	77.31461	14.40089	6.786543	78.81257	51.80007	27.0125	28.2038	5
1801.145	1804.708	1443.708	95.88819	179.2928	95.35718	94.55477	12.50934	15.93754	71.55312	59.27952	12.2736	27.77343	5
1801.15	1804.712	1443.712	88.92605	50.39303	88.66645	88.05283	48.00486	4.799476	47.19566	24.11626	23.0794	29.50815	5
1801.155	1804.717	1443.717	85.51578	59.51362	85.14997	86.566	49.75819	3.596587	46.64522	19.22865	27.41657	29.09761	5
1801.16	1804.722	1443.722	82.83713	74.34329	80.85468	77.33821	61.16268	0	38.83732	18.91005	19.92727	30.45087	5
1801.165	1804.727	1443.727	82.37692	90.78821	79.72186	77.38541	62.81916	0	37.18084	18.24418	18.93666	29.35715	5
1801.17	1804.732	1443.732	82.53032	48.01193	82.37692	81.29129	53.64209	2.365513	43.99239	15.6214	28.37099	30.14897	5
1801.175	1804.737	1443.737	83.06133	57.24392	82.10551	80.52428	57.13815	0.900804	41.96105	12.14899	29.81206	30.69479	5
1801.18	1804.742	1443.742	83.06133	59.06804	81.89311	80.51248	58.34285	0.43567	41.22148	20.54399	20.6775	30.84444	5
1801.185	1804.747	1443.747	83.25013	37.44318	83.16753	81.12609	54.98879	2.12073	42.89048	27.4942	15.39628	30.74658	5
1801.19	1804.752	1443.752	85.63378	89.46538	84.30036	77.33821	49.90036	2.582658	47.51698	16.65694	30.86004	30.23121	5
1801.195	1804.757	1443.757	85.92879	75.93069	86.5424	78.54184	37.81479	8.18516	54.00005	31.489	22.51105	29.46096	5
1801.2	1804.762	1443.762	85.75179	47.52457	85.98779	81.14969	47.77837	4.881569	47.34006	15.19648	32.14358	30.17044	5
1801.205	1804.767	1443.767	84.81957	32.01259	84.68976	81.5627	55.22492	2.224304	42.55077	18.01239	24.53838	31.14317	5
1801.21	1804.772	1443.772	84.53636	30.38342	84.61896	83.74574	54.2336	2.667994	43.09841	28.25031	14.84809	30.57166	5
1801.215	1804.777	1443.777	85.83439	39.01665	86.6132	86.566	45.55451	6.215261	48.23023	25.07161	23.15862	29.13651	5
1801.22	1804.782	1443.782	86.97901	41.21673	87.84043	89.29186	43.32887	7.35166	49.31947	26.91912	22.40035	28.61461	5
1801.225	1804.787	1443.787	87.16781	52.96907	88.08823	88.74905	39.85385	8.485394	51.66076	21.56718	30.09358	28.31023	5
1801.23	1804.791	1443.791	88.08823	42.74844	87.42742	87.21502	53.73501	2.42557	43.83942	13.98763	29.85179	30.36807	5
1801.235	1804.796	1443.796	89.57506	39.71288	89.62227	90.31848	47.61462	5.622987	46.7624	33.49642	13.26598	29.34816	5
1801.24	1804.801	1443.801	89.05585	43.56999	88.31244	86.4952	53.28615	2.540463	44.17339	18.72123	25.45216	30.6311	5
1801.245	1804.806	1443.806	87.53362	65.55689	85.62198	83.58054	58.41951	0	41.58049	23.42915	18.15134	30.50224	5

1801.25	1804.811	1443.811	88.43044	81.02709	85.71638	82.25891	60.06937	0	39.93063	19.02652	20.9041	28.82656	5
1801.255	1804.816	1443.816	88.90245	81.19418	86.04679	83.35634	60.69211	0	39.30789	13.90935	25.39854	28.229	5
1801.26	1804.821	1443.821	90.70789	69.3026	89.58686	85.04377	48.46544	3.388985	48.14557	22.35146	25.79411	30.19462	5
1801.265	1804.826	1443.826	90.49548	88.46281	87.33302	84.83137	59.84526	0	40.15474	16.46348	23.69126	27.23577	5
1801.27	1804.831	1443.831	93.57535	84.39683	91.4159	89.18566	50.22234	0.715477	49.06218	22.11722	26.94496	30.13845	5
1801.275	1804.836	1443.836	96.53721	71.60015	96.313	95.86459	35.59612	10.78353	53.62035	37.34533	16.27502	28.18932	5
1801.28	1804.841	1443.841	100.2543	80.42833	100.1009	99.80587	29.49128	14.71267	55.79606	33.82992	21.96614	27.73088	5
1801.285	1804.846	1443.846	102.8975	92.96045	101.1393	99.26306	36.46417	5.950444	57.58539	30.23994	27.34544	28.94837	5
1801.29	1804.851	1443.851	100.0891	145.7763	97.96504	93.28034	29.10151	6.238367	64.66012	37.8456	26.81452	28.6955	5
1801.295	1804.856	1443.856	99.55807	84.56393	98.77925	93.41014	33.97793	10.32904	55.69304	29.35478	26.33825	29.05158	5
1801.3	1804.861	1443.861	104.0068	106.8572	102.4137	100.1363	30.80035	8.590716	60.60894	26.94365	33.66529	28.56372	5
1801.305	1804.865	1443.865	106.2842	93.25286	105.4228	105.6824	26.32732	15.22153	58.45115	30.64579	27.80536	27.60837	5
1801.31	1804.87	1443.87	106.4494	84.96774	105.9184	107.417	25.61968	17.80369	56.57662	40.96852	15.6081	27.17665	9
1801.315	1804.875	1443.875	102.7441	124.2907	101.7529	96.4074	23.079	13.60226	63.31874	31.97354	31.3452	28.62554	9
1801.32	1804.88	1443.88	102.5317	87.29314	102.9211	105.9774	21.52795	21.4823	56.98975	26.82413	30.16562	26.66772	9
1801.325	1804.885	1443.885	103.0391	94.04656	102.6497	104.3136	25.46263	16.36782	58.16955	43.16841	15.00114	27.20969	9
1801.33	1804.89	1443.89	108.5027	191.3097	105.9892	102.6497	13.35986	7.998321	78.64182	51.53794	27.10388	29.33646	9
1801.335	1804.895	1443.895	111.5353	286.7766	107.2754	103.9124	1.001709	0	98.99829	98.99829	0	-9999	9
1801.34	1804.9	1443.9	110.8981	267.3657	107.7356	103.0627	0	6.90884	93.09116	93.09116	0	-9999	9
1801.345	1804.905	1443.905	110.7565	246.4232	109.7063	105.0452	0	27.70273	72.29727	72.29727	0	-9999	9
1801.35	1804.91	1443.91	112.3495	245.1142	113.683	110.5323	0	59.53612	40.46388	40.46388	0	-9999	9
1801.355	1804.915	1443.915	111.7831	219.0196	113.0103	110.0957	0	54.96066	45.03934	45.03934	0	-9999	9
1801.36	1804.92	1443.92	111.0043	208.98	112.1725	108.9865	0	51.70321	48.29679	48.29679	0	-9999	9
1801.365	1804.925	1443.925	109.8951	191.811	111.3465	112.9159	0	51.46262	48.53738	48.53738	0	-9999	9
1801.37	1804.93	1443.93	110.7211	177.7889	111.8539	112.7153	0	48.52009	51.47991	51.47991	0	-9999	9
1801.375	1804.935	1443.935	110.9925	166.0923	112.5501	115.6772	0	53.7017	46.2983	46.2983	0	-9999	9
1801.38	1804.94	1443.94	110.8863	165.8138	112.3141	114.8158	0	51.77348	48.22652	48.22652	0	-9999	9
1801.385	1804.944	1443.944	110.2963	158.5034	111.7595	113.6358	0	50.30157	49.69843	49.69843	0	-9999	9
1801.39	1804.949	1443.949	110.4851	161.0238	111.6061	113.7066	0	46.72253	53.27747	53.27747	0	-9999	9
1801.395	1804.954	1443.954	110.9099	168.8494	112.6445	113.565	0	55.93871	44.06129	44.06129	0	-9999	9
1801.4	1804.959	1443.959	112.3495	165.048	113.7302	117.3174	0	54.76972	45.23028	45.23028	0	-9999	9
1801.405	1804.964	1443.964	112.4793	106.6622	113.0103	113.7066	6.591419	39.8335	53.57509	38.87661	14.69848	-9999	9
1801.41	1804.969	1443.969	112.1961	89.50715	112.0899	113.1519	15.9419	30.03118	54.02693	28.12925	25.89768	26.29865	9
1801.415	1804.974	1443.974	113.7538	84.91204	113.6358	113.683	15.71234	32.15298	52.13468	41.87092	10.26375	26.20465	9
1801.42	1804.979	1443.979	113.5296	103.2786	113.1401	113.1755	13.57731	29.41822	57.00447	34.30909	22.69538	26.68635	9
1801.425	1804.984	1443.984	113.1283	105.3951	112.9867	114.5798	11.51373	32.16792	56.31835	36.22809	20.09026	26.29662	9
1801.43	1804.989	1443.989	113.565	105.6736	112.2433	111.6651	20.18984	17.64368	62.16647	40.65624	21.51023	27.68643	9
1801.435	1804.994	1443.994	111.4999	97.26314	110.1901	109.0219	24.03356	15.39383	60.57262	38.76182	21.8108	27.93052	9
1801.44	1804.999	1443.999	111.5943	116.2423	110.4261	110.1901	18.25632	18.37344	63.37023	43.91065	19.45959	27.62835	9
1801.445	1805.004	1444.004	110.3553	89.74387	109.8715	109.5883	20.50464	22.98031	56.51505	29.34761	27.16744	27.09254	9
1801.45	1805.009	1444.009	111.4645	134.0379	109.9305	106.1898	16.90421	15.32286	67.77293	37.82037	29.95255	28.65002	9
1801.455	1805.014	1444.014	113.4706	153.588	112.2197	111.2049	8.132684	21.67771	70.18961	67.59097	2.598638	28.2858	9
1801.46	1805.019	1444.019	114.5798	152.112	114.1196	116.9398	1.342116	33.37719	65.28069	65.28069	0	-9999	9
1801.465	1805.023	1444.023	118.4031	202.0177	118.9459	125.436	0	60.48452	39.51548	39.51548	0	-9999	9
1801.47	1805.028	1444.028	120.3147	236.9962	121.8723	129.4363	0	88.46802	11.53198	11.53198	0	-9999	9
1801.475	1805.033	1444.033	120.7159	268.3126	120.4563	116.5032	0	56.1729	43.8271	43.8271	0	-9999	9
1801.48	1805.038	1444.038	119.2291	308.1369	117.1522	101.3163	0	25.00942	74.99058	74.99058	0	-9999	9
1801.485	1805.043	1444.043	118.3323	362.0807	114.6506	107.4524	0	4.434809	95.56519	95.56519	0	-9999	9
1801.49	1805.048	1444.048	119.3471	362.2199	114.8866	108.7269	0	0	100	100	0	-9999	9
1801.495	1805.053	1444.053	119.7601	347.0978	116.8926	102.8031	0	15.18337	84.81663	84.81663	0	-9999	9
1801.5	1805.058	1444.058	119.8545	314.8485	115.4884	107.0748	0	0	100	100	0	-9999	9
1801.505	1805.063	1444.063	115.3468	320.6133	110.2491	107.1928	0	0	100	100	0	-9999	9
1801.51	1805.068	1444.068	114.981	303.2215	109.4939	100.2425	3.363016	0	96.63698	89.6685	6.968482	-9999	9
1801.515	1805.073	1444.073	115.9014	252.5917	111.4881	105.3992	6.446508	0	93.55349	70.48443	23.06906	-9999	9
1801.52	1805.078	1444.078	115.9132	275.5534	111.9247	108.6207	0	0	100	100	0	-9999	9
1801.525	1805.083	1444.083	115.0872	223.1691	112.2669	104.821	1.969858	7.462442	90.5677	90.5677	0	-9999	9
1801.53	1805.088	1444.088	113.6712	162.3466	111.2049	108.5027	15.2481	7.515407	77.23649	45.20354	32.03295	29.42081	9
1801.535	1805.093	1444.093	113.8836	150.079	111.2521	111.4409	19.30176	4.752488	75.94575	40.6757	35.27005	28.95382	9
1801.54	1805.097	1444.097	113.86	148.3663	112.2433	111.7477	11.87309	17.06643	71.06048	54.02975	17.03073	28.28473	9
1801.545	1805.102	1444.102	112.9041	180.3789	110.5323	105.7886	10.85832	9.647427	79.49425	58.39767	21.09658	29.92131	9
1801.55	1805.107	1444.107	111.6887	169.3646	109.5529	106.0364	12.81294	11.15815	76.02891	47.842	28.18691	29.31385	9
1801.555	1805.112	1444.112	112.9631	156.1641	111.3937	110.5795	10.4453	17.50047	72.05423	66.65445	5.39978	28.43085	9
1801.56	1805.117	1444.117	111.3347	151.2487	110.2373	107.181	9.474904	21.30071	69.22439	66.10941	3.114977	28.54749	9
1801.565	1805.122	1444.122	111.7713	122.8287	110.2137	106.8624	19.5175	14.51884	65.96366	51.03524	14.92842	28.53457	4
1801.57	1805.127	1444.127	112.1607	109.9066	110.3081	109.4939	24.57267	10.53665	64.89068	43.34686	21.54383	28.35749	4
1801.575	1805.132	1444.132	117.8366	51.63231	116.8454	115.9722	26.77722	23.58602	49.63676	35.67358	13.96318	26.84295	4
1801.58	1805.137	1444.137	118.7807	65.20877	118.2969	117.636	18.69079	34.38098	46.92823	30.36168	16.56654	25.61002	4
1801.585	1805.142	1444.142	118.7925	103.9469	118.6391	120.7395	6.744649	42.68706	50.56829	50.56829	0	-9999	4
1801.59	1805.147	1444.147	118.8279	99.05941	119.7129	121.6481	0	60.90562	39.09438	39.09438	0	-9999	4
1801.595	1805.152	1444.152	121.9667	95.74536	121.4711	121.0109	8.46121	42.76574	48.77305	36.74947	12.02358	25.14699	4
1801.6	1805.157	1444.157	123.0878	90.99708	121.6599	120.7395	15.80365	25.79929	58.39706	47.95527	10.44179	26.6737	4
1801.605	1805.162	1444.162	120.0315	87.50201	120.2321	121.3649	6.84086	50.94149	42.21765	27.59491	14.62274	-9999	4
1801.61	1805.167	1444.167	118.7217	90.74644	118.2497	118.1671	12.47351	36.19304	51.33346	41.9761	9.357357	25.74123	4

1801.615	1805.172	1444.172	118.5919	156.7768	118.1199	117.2702	0	40.40382	59.59618	59.59618	0	-9999	4
1801.62	1805.176	1444.176	122.9225	157.654	121.5419	116.7628	0	31.0141	68.9859	68.9859	0	-9999	4
1801.625	1805.181	1444.181	121.8841	143.3952	122.5685	121.3767	0	69.92614	30.07386	30.07386	0	-9999	4
1801.63	1805.186	1444.186	118.5565	141.3762	117.1994	114.4854	7.231987	24.73065	68.03737	59.98529	8.05208	-9999	4
1801.635	1805.191	1444.191	119.0049	91.0667	119.1229	120.1613	7.562859	47.06149	45.37565	36.91102	8.464633	-9999	4
1801.64	1805.196	1444.196	125.6602	92.27814	124.787	126.0496	8.828739	42.54992	48.62134	38.56706	10.05428	24.43534	4
1801.645	1805.201	1444.201	125.4832	74.73318	125.5776	124.7398	5.738409	64.09241	30.16918	25.96887	4.200309	-9999	4
1801.65	1805.206	1444.206	124.2442	82.37777	124.492	122.6393	3.839447	64.12311	32.03744	28.98377	3.053674	-9999	4
1801.655	1805.211	1444.211	125.2236	78.49281	124.3976	120.2557	12.20066	41.75004	46.0493	38.51954	7.529754	25.2131	4
1801.66	1805.216	1444.216	127.3712	79.85742	126.2266	124.905	12.36379	38.7621	48.8741	37.63172	11.24238	24.84265	4
1801.665	1805.221	1444.221	131.9025	73.07616	131.5721	131.0765	3.525891	75.17539	21.29872	21.29872	0	-9999	4
1801.67	1805.226	1444.226	136.422	84.38291	136.3512	137.1064	0	100	0	0	0	-9999	4
1801.675	1805.231	1444.231	130.3685	64.08088	130.4275	129.5543	4.096145	80.81926	15.08459	15.08459	0	-9999	4
1801.68	1805.236	1444.236	131.2889	118.4424	132.5633	133.8378	0	100	0	0	0	-9999	4
1801.685	1805.241	1444.241	134.5222	125.4882	134.7346	134.3334	0	100	0	0	0	-9999	4
1801.69	1805.246	1444.246	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1802.06	1805.611	1444.611	103.759	74.35722	102.6969	97.18622	34.77798	10.36656	54.85546	21.67896	33.1765	29.29798	4
1802.065	1805.616	1444.616	95.66399	96.80363	95.10938	95.13298	32.86089	10.11161	57.0275	32.45537	24.57212	27.79142	4
1802.07	1805.621	1444.621	91.1681	160.8706	90.12968	84.25315	25.24243	10.06884	64.68872	39.63189	25.05683	28.02928	4
1802.075	1805.626	1444.626	86.02319	152.4741	86.04679	78.32943	23.77704	11.37378	64.84918	35.48135	29.36783	28.24364	4
1802.08	1805.631	1444.631	81.14969	124.1515	80.50068	69.60905	40.32748	5.740275	53.93225	24.73687	29.19538	29.16519	4
1802.085	1805.636	1444.636	79.86346	98.82269	78.16423	73.99874	55.77959	1.23147	42.98894	17.26648	25.72246	29.94869	4
1802.09	1805.64	1444.64	79.60386	60.04276	78.78964	78.23503	58.54428	0.622943	40.83277	19.22494	21.60784	30.46783	4
1802.095	1805.645	1444.645	78.34123	50.86646	78.49464	77.60962	54.42751	1.919499	43.65299	28.03507	15.61792	29.96217	4
1802.1	1805.65	1444.65	81.4683	96.53906	81.89311	82.32972	38.39445	6.842719	54.76283	19.22172	35.54112	27.46931	4
1802.105	1805.655	1444.655	80.39448	107.804	79.20265	74.32915	49.18514	3.113147	47.70171	28.07724	19.62447	29.05755	4
1802.11	1805.66	1444.66	78.77784	84.06264	77.17301	74.21115	59.61868	0.30477	40.07655	18.96223	21.11432	30.57615	4
1802.115	1805.665	1444.665	78.18783	72.78374	77.75122	77.82202	53.83725	2.008317	44.15443	20.2636	23.89083	29.26626	4
1802.12	1805.67	1444.67	78.29403	58.69207	78.25863	77.84562	54.04036	1.996686	43.96295	23.47505	20.4879	29.66509	4
1802.125	1805.675	1444.675	78.93125	97.34669	78.08163	74.95456	50.40989	2.909147	46.68096	16.29271	30.38825	28.97601	4
1802.13	1805.68	1444.68	78.28223	128.3289	76.8544	71.50889	47.99044	3.605707	48.40385	20.48636	27.91749	28.46089	4
1802.135	1805.685	1444.685	75.79238	101.5241	74.22295	68.86564	57.86529	1.185049	40.94966	17.53124	23.41842	30.12032	4
1802.14	1805.69	1444.69	76.5712	61.0314	75.60358	73.33793	62.28395	0	37.71605	6.372161	31.34388	30.88864	4
1802.145	1805.695	1444.695	75.95758	68.63422	74.88376	74.51795	61.83166	0	38.16834	13.31092	24.85742	30.52123	4
1802.15	1805.7	1444.7	77.90462	105.3115	74.89556	71.29649	66.16258	0	33.83742	22.80611	11.03131	29.82583	4
1802.155	1805.705	1444.705	79.76906	105.59	77.70402	71.9927	57.06375	0.851376	42.08487	18.89599	23.18888	30.2993	4
1802.16	1805.71	1444.71	81.94031	100.1873	80.92549	82.81353	48.23445	3.369836	48.39571	15.55488	32.84083	27.94795	4
1802.165	1805.714	1444.714	82.08191	100.6468	80.92549	78.56544	49.0904	3.060598	47.849	31.69444	16.15457	28.83243	4
1802.17	1805.719	1444.719	82.90793	75.90284	83.86375	85.43318	37.94862	7.664309	54.38707	35.36079	19.02628	27.61775	4
1802.175	1805.724	1444.724	87.95843	81.86256	88.70185	89.74027	33.50604	10.26785	56.22612	30.73706	25.48906	27.54416	4
1802.18	1805.729	1444.729	87.80503	91.26165	87.69883	91.67551	37.95712	7.608613	54.43426	23.45663	30.97763	27.11866	4
1802.185	1805.734	1444.734	85.76359	66.44806	85.43318	83.86375	47.57772	4.275462	48.14682	24.7889	23.35792	29.27233	4
1802.19	1805.739	1444.739	86.4598	86.4159	86.3772	83.92275	40.1845	6.748219	53.06728	23.38457	29.68271	28.46705	4
1802.195	1805.744	1444.744	88.32424	108.8345	88.33604	86.95541	32.31231	9.490593	58.1971	37.59425	20.60284	27.65905	4
1802.2	1805.749	1444.749	88.59564	132.924	87.67523	84.85497	33.45765	7.745011	58.79734	24.9751	33.82224	27.69245	4
1802.205	1805.754	1444.754	88.63104	130.7796	87.07341	84.34756	38.88243	5.301213	55.81636	29.71823	26.09813	27.98141	4
1802.21	1805.759	1444.759	87.39202	97.13782	87.76963	85.38598	33.16553	9.578741	57.25573	24.25354	33.00219	27.97641	4
1802.215	1805.764	1444.764	85.77539	82.26637	85.48038	83.23833	43.46448	5.464375	51.07115	33.0218	18.04935	28.73008	4
1802.22	1805.769	1444.769	85.36238	79.75995	85.59838	85.17357	40.33567	6.870929	52.7934	35.43594	17.35746	28.15073	4
1802.225	1805.774	1444.774	85.57478	128.7884	85.05557	84.86677	34.1283	7.798122	58.07358	39.79091	18.28268	27.1075	4
1802.23	1805.779	1444.779	83.16753	142.88	82.58932	79.20265	33.39004	7.77506	58.8349	25.54431	33.29059	27.32919	4
1802.235	1805.784	1444.784	78.03443	123.4553	75.92218	70.74188	54.70204	1.817466	43.48049	24.80105	18.67944	29.32593	4
1802.24	1805.789	1444.789	79.80446	222.8489	75.89858	72.79512	42.92104	4.833131	52.24583	29.61816	22.62767	25.85106	4
1802.245	1805.793	1444.793	77.00781	112.0928	74.81296	71.50889	59.03641	0.816191	40.1474	14.90701	25.24039	29.81	4
1802.25	1805.798	1444.798	80.96089	71.87864	80.11127	75.73338	54.70589	1.653422	43.64069	17.49637	26.14432	30.40589	4
1802.255	1805.803	1444.803	83.68674	140.123	80.86649	78.63624	50.95544	1.54121	47.50335	20.23985	27.2635	28.48444	4
1802.26	1805.808	1444.808	77.75122	80.02452	76.13459	73.03112	61.63185	0	38.36815	25.89726	12.47089	30.8042	4
1802.265	1805.813	1444.813	78.17603	52.32854	77.07861	75.66258	63.91957	0	36.08043	10.22457	25.85586	30.56536	4
1802.27	1805.818	1444.818	79.07285	40.03315	78.99025	80.07587	58.20512	0.864253	40.93063	15.21798	25.71264	30.45094	4
1802.275	1805.823	1444.823	80.84288	47.70559	80.04047	79.62746	60.29852	0.111882	39.5896	14.24447	25.34512	31.07403	4
1802.28	1805.828	1444.828	81.29129	59.63894	80.67768	80.04047	55.53488	1.515455	42.94966	28.78716	14.1625	30.08631	4
1802.285	1805.833	1444.833	83.74574	100.3405	81.89311	81.5155	53.02947	1.458334	45.5122	21.17558	24.33662	29.12312	4
1802.29	1805.838	1444.838	86.02319	142.7269	83.08493	80.11127	49.09028	1.381187	49.52853	16.58728	32.94125	28.58967	4
1802.295	1805.843	1444.843	87.39202	201.3354	83.33274	76.8426	42.33562	1.905827	55.75855	35.1736	20.58495	27.78901	4
1802.3	1805.848	1444.848	87.61622	170.214	84.48916	80.53608	42.43604	2.620578	54.94338	30.14126	24.80212	27.83479	4
1802.305	1805.853	1444.853	86.3064	115.003	84.13515	79.20265	49.59452	1.825152	48.58032	26.37582	22.20451	29.47655	4
1802.31	1805.858	1444.858	85.81079	68.48105	84.59536	81.91671	53.90121	1.577619	44.52117	15.93584	28.58534	30.34936	4
1802.315	1805.863	1444.863	87.91123	106.6065	85.89339	81.7161	48.96116	1.944904	49.09394	33.60184	15.4921	29.52172	4
1802.32	1805.868	1444.868	88.61924	113.2485	87.04981	80.50068	43.22725	4.073148	52.69961	19.7144	32.9852	29.26867	4
1802.325	1805.872	1444.872	88.19444	110.4219	87.97023	78.74244	33.87661	8.645886	57.4775	34.82822	22.64928	29.13528	4
1802.33	1805.877	1444.877	87.22682	95.39725	86.14119	79.74546	45.07877	4.19879	50.72244	34.69952	16.02292	29.56183	4
1802.335	1805.882	1444.882	87.07341	109.7396	85.69278	78.37663	44.03536	4.132865	51.83178	19.2095	32.62227	29.41761	4
1802.34	1805.887	1444.887	87.14421	128.3985	84.65436	77.53882	48.05124	1.801849	50.14691	22.33118	27.81574	29.56444	4

1802.345	1805.892	1444.892	87.01441	119.9741	84.43016	79.28525	50.94097	0.929927	48.12911	29.22404	18.90507	29.69398	4
1802.35	1805.897	1444.897	86.97901	112.1067	84.45376	79.62746	52.42018	0.581876	46.99794	28.15444	18.8435	29.96588	4
1802.355	1805.902	1444.902	85.04377	128.7605	82.05831	79.55666	53.73701	0.319279	45.94371	15.63542	30.30829	29.26852	4
1802.36	1805.907	1444.907	85.35058	120.3501	82.80173	80.14667	52.10636	0.990882	46.90276	20.85741	26.04536	29.22524	4
1802.365	1805.912	1444.912	85.40958	97.30491	83.46254	80.94909	52.96496	1.20443	45.83061	30.61372	15.2169	29.69975	4
1802.37	1805.917	1444.917	86.14119	83.83985	84.15875	81.7751	55.82477	0.284445	43.89078	18.86062	25.03016	30.41473	4
1802.375	1805.922	1444.922	85.37418	70.27732	83.79295	80.14667	56.7032	0.473501	42.8233	19.8641	22.9592	30.94605	4
1802.38	1805.927	1444.927	85.42138	82.71196	83.76934	80.45348	54.1993	1.107041	44.69366	31.75978	12.93387	30.26998	4
1802.385	1805.932	1444.932	86.6014	108.5003	87.12061	80.66588	30.04576	10.42333	59.5309	38.60024	20.93066	28.50354	4
1802.39	1805.937	1444.937	89.36266	108.6813	88.87885	82.10551	35.23501	8.060559	56.70443	36.90802	19.79641	28.81459	4
1802.395	1805.942	1444.942	90.25948	72.72804	89.33906	87.12061	46.49434	4.269313	49.23635	16.44291	32.79344	29.42131	4
1802.4	1805.946	1444.946	86.5778	49.32084	86.01139	84.48916	52.80247	2.639516	44.55801	25.58088	18.97713	30.27757	4
1802.405	1805.951	1444.951	88.28884	65.51511	86.92001	84.58356	53.52803	1.485577	44.98639	13.66866	31.31773	30.44337	4
1802.41	1805.956	1444.956	88.08823	66.37844	87.33302	86.5188	48.74816	3.678433	47.5734	16.70921	30.8642	29.40753	4
1802.415	1805.961	1444.961	87.48642	69.0798	86.5188	83.50974	50.29423	2.906075	46.79969	33.18205	13.61764	29.95988	4
1802.42	1805.966	1444.966	88.87885	108.8623	88.12363	82.67192	37.7397	6.836332	55.42397	21.86049	33.56347	28.68799	4
1802.425	1805.971	1444.971	87.19142	122.4527	86.93181	86.684	32.16229	8.88275	58.95496	25.541	33.41396	27.23394	4
1802.43	1805.976	1444.976	87.49822	107.9015	85.50398	83.14393	48.84484	2.053965	49.1012	16.96594	32.13526	29.1147	4
1802.435	1805.981	1444.981	89.65767	85.63612	88.12363	84.99657	48.67975	2.578387	48.74186	25.96915	22.77271	29.70092	4
1802.44	1805.986	1444.986	89.46886	93.03007	87.76963	84.08795	48.34444	2.419314	49.23624	30.67806	18.55818	29.65498	4
1802.445	1805.991	1444.991	90.28308	92.97437	89.09125	86.2828	43.67641	4.56575	51.75784	23.91369	27.84415	28.98179	4
1802.45	1805.996	1444.996	91.95871	72.89514	89.87007	86.4952	53.94434	0	46.05566	15.91777	30.13789	30.92621	4
1802.455	1806.001	1445.001	92.50152	62.93907	90.96749	87.91123	51.55609	1.779457	46.66445	16.23931	30.42514	30.58766	4
1802.46	1806.006	1445.006	93.17414	57.77305	92.46612	94.63737	45.78583	5.402094	48.81208	29.63218	19.1799	28.80399	4
1802.465	1806.011	1445.011	93.96475	63.13401	92.85553	89.12666	46.87047	4.215694	48.91383	26.15816	22.75567	30.06039	4
1802.47	1806.016	1445.016	92.52512	58.14901	91.5457	89.62227	48.39533	3.90431	47.70036	18.99957	28.70079	29.90439	4
1802.475	1806.021	1445.021	93.30394	52.66273	92.70213	87.95843	46.08004	5.61997	48.29999	26.72045	21.57954	30.16216	4
1802.48	1806.025	1445.025	95.51059	70.08237	93.56355	90.36568	50.25989	1.099171	48.64094	28.40799	20.23295	30.5957	4
1802.485	1806.03	1445.03	95.33358	69.76211	93.64615	92.25372	48.48829	2.317885	49.19382	25.92937	23.26445	29.94579	4
1802.49	1806.035	1445.035	96.2422	81.38913	94.96778	93.45734	41.63781	5.528587	52.8336	29.86471	22.9689	28.9927	4
1802.495	1806.04	1445.04	96.44281	107.2749	95.74659	86.04679	30.70775	10.49556	58.79669	25.77002	33.02667	29.45677	4
1802.5	1806.045	1445.045	95.08578	104.7963	95.56959	92.83193	23.41085	15.84487	60.74428	31.19046	29.55382	27.93325	4
1802.505	1806.05	1445.05	96.372	85.27408	95.78199	93.12694	35.27402	9.555082	55.1709	28.05263	27.11826	28.52619	4
1802.51	1806.055	1445.055	100.1599	67.52025	98.64945	94.50757	43.21885	4.819434	51.96172	17.38292	34.5788	29.99638	4
1802.515	1806.06	1445.06	100.3959	64.2619	99.13326	95.84099	41.86976	6.304086	51.82616	25.54785	26.27831	29.63635	4
1802.52	1806.065	1445.065	99.48727	72.97868	97.69363	94.34236	44.71156	3.183303	52.10514	33.25613	18.84901	30.0427	4
1802.525	1806.07	1445.07	98.42525	86.52729	96.2422	93.25674	45.42777	1.554377	53.01786	27.5916	25.42626	29.97947	4
1802.53	1806.075	1445.075	100.1835	68.73169	99.86488	99.13326	33.66733	12.73962	53.59305	25.52203	28.07102	28.11914	4
1802.535	1806.08	1445.08	98.07124	48.19295	97.95324	97.67003	39.02629	10.96704	50.00668	17.39712	32.60955	28.55739	4
1802.54	1806.085	1445.085	97.28062	78.3118	97.03282	95.48699	33.47086	11.62619	54.90295	35.29156	19.61138	28.2079	4
1802.545	1806.09	1445.09	93.55175	57.22999	93.20954	91.62831	42.73484	7.304957	49.9602	16.31949	33.64071	29.11433	4
1802.55	1806.095	1445.095	94.38956	53.70708	93.57535	91.3569	46.47467	5.196929	48.3284	23.30187	25.02653	29.80044	4
1802.555	1806.099	1445.099	91.72271	39.68503	90.73149	89.76387	53.69329	2.293607	44.0131	27.54218	16.47092	30.73091	4
1802.56	1806.104	1445.104	92.05312	45.96501	91.2153	86.90821	50.68068	3.515312	45.804	22.42904	23.37496	30.78102	4
1802.565	1806.109	1445.109	92.08852	52.89945	90.82589	86.3654	52.26225	2.149508	45.58824	22.46714	23.12111	31.02492	4
1802.57	1806.114	1445.114	91.1091	57.17429	89.62227	85.79899	53.86639	1.209503	44.92411	17.56208	27.36202	31.08299	4
1802.575	1806.119	1445.119	93.32754	71.33558	91.4985	86.566	51.05049	1.25597	47.69354	22.45345	25.24009	30.8459	4
1802.58	1806.124	1445.124	92.73753	57.27177	90.87309	86.3654	55.2711	0.024638	44.70426	13.57947	31.12479	31.60958	4
1802.585	1806.129	1445.129	93.91755	60.47442	93.20954	86.4952	44.44815	5.944295	49.60755	17.53007	32.07748	30.27945	4
1802.59	1806.134	1445.134	99.32206	51.11711	98.92086	98.29544	39.36273	10.33766	50.29961	27.20658	23.09303	28.69499	6
1802.595	1806.139	1445.139	105.3284	55.12738	104.6794	102.8267	34.78691	13.6768	51.53629	31.34698	20.18931	28.449	6
1802.6	1806.144	1445.144	106.768	37.48495	106.3078	104.0894	36.26869	15.58084	48.15047	32.03619	16.11428	28.49761	6
1802.605	1806.149	1445.149	109.0809	35.82792	108.9629	105.883	31.88977	21.66786	46.44238	17.69804	28.74434	27.82349	6
1802.61	1806.154	1445.154	109.4939	45.12954	108.9865	107.1928	32.27672	18.66608	49.0572	22.82281	26.23439	27.88098	6
1802.615	1806.159	1445.159	104.2664	59.3883	104.5732	103.3931	27.32523	21.02735	51.64742	19.02265	32.62477	27.46004	3
1802.62	1806.164	1445.164	98.55505	76.23703	96.89121	93.23314	43.77471	3.872769	52.35252	29.19502	23.15751	29.86976	3
1802.625	1806.169	1445.169	97.70543	89.38183	95.80559	95.74659	43.20435	3.169003	53.62664	35.63448	17.99217	29.02748	3
1802.63	1806.174	1445.174	96.0652	58.34396	94.82617	94.20076	47.10323	4.088264	48.80851	21.7164	27.0921	29.68253	3
1802.635	1806.178	1445.178	95.88819	35.9811	95.59319	95.10938	45.36173	7.546189	47.09208	21.1066	25.98548	29.4413	3
1802.64	1806.183	1445.183	97.49303	52.70451	96.2068	95.61679	47.52018	4.044412	48.43541	33.93254	14.50287	29.85693	3
1802.645	1806.188	1445.188	98.63765	46.85619	97.46943	96.2894	46.9679	4.855759	48.17634	33.17112	15.00522	29.94764	3
1802.65	1806.193	1445.193	99.75867	45.77007	98.73205	96.49001	45.10198	6.243431	48.65459	34.26083	14.39377	29.88093	3
1802.655	1806.198	1445.198	100.7617	50.99178	99.39287	95.48699	45.56765	4.888618	49.54373	29.8098	19.73394	30.34843	3
1802.66	1806.203	1445.203	101.7883	54.27798	100.7027	98.08304	41.63305	7.592157	50.77479	21.12974	29.64505	29.51293	3
1802.665	1806.208	1445.208	104.408	62.35424	103.4994	99.82947	35.89674	11.23665	52.86661	37.71622	15.15039	29.01207	3
1802.67	1806.213	1445.213	105.5998	75.7636	103.759	101.3163	38.77989	5.219607	56.0005	31.37493	24.62557	29.48314	3
1802.675	1806.218	1445.218	107.0512	77.72696	105.5172	101.7647	34.59169	8.695157	56.71315	28.61126	28.10189	29.1963	3
1802.68	1806.223	1445.223	108.6797	89.34006	108.3611	107.6648	20.86362	22.6525	56.48387	26.78274	29.70114	27.19975	3
1802.685	1806.228	1445.228	109.8007	116.7575	109.8361	107.476	10.45369	29.83152	59.71478	44.00773	15.70705	27.4815	3
1802.69	1806.233	1445.233	114.1196	124.7781	116.1374	117.5888	0	66.40296	33.59704	33.59704	0	-9999	3
1802.695	1806.238	1445.238	115.7952	174.2521	118.6391	120.0315	0	89.50699	10.49301	10.49301	0	-9999	3
1802.7	1806.243	1445.243	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1803.02	1806.559	1445.559	88.77265	19.46655	88.47764	87.94663	55.90456	2.504463	41.59098	26.01309	15.57789	31.11176	3

1803.025	1806.563	1445.563	91.3097	41.00787	91.2743	91.2861	46.34553	6.337324	47.31715	14.7901	32.52704	29.32571	7
1803.03	1806.568	1445.568	90.25948	76.00032	90.17688	90.23588	39.20937	7.910484	52.88015	34.20871	18.67144	28.18309	7
1803.035	1806.573	1445.573	88.38324	128.5517	86.16479	83.79295	44.77087	2.804183	52.42494	31.74665	20.67829	28.42859	7
1803.04	1806.578	1445.578	88.26524	124.987	86.76661	81.7751	40.16353	5.036215	54.80026	32.74822	22.05204	28.53027	7
1803.045	1806.583	1445.583	90.61349	136.3633	89.40986	79.79266	32.96376	7.551928	59.48431	39.48402	20.00029	29.01496	7
1803.05	1806.588	1445.588	94.86157	168.3063	95.02678	81.6335	10.7169	18.23871	71.04439	50.33277	20.71162	30.23102	7
1803.055	1806.593	1445.593	95.56959	148.2688	96.0652	88.70185	12.35394	19.25593	68.39013	47.98057	20.40957	29.04657	7
1803.06	1806.598	1445.598	97.16262	117.0639	97.02102	97.30422	23.37835	14.77929	61.84235	37.52653	24.31582	27.37143	7
1803.065	1806.603	1445.603	96.3012	82.67019	95.40438	95.33358	38.34705	7.663867	53.98908	33.02403	20.96505	28.34204	7
1803.07	1806.608	1445.608	94.42496	48.45751	94.56657	94.36596	40.30489	9.705047	49.99006	24.4597	25.53036	28.63304	7
1803.075	1806.613	1445.613	93.75235	21.29067	93.49274	93.12694	50.60744	5.399973	43.99259	32.53578	11.45681	30.28125	7
1803.08	1806.618	1445.618	92.17112	58.07939	93.63435	94.50757	29.80733	15.15338	55.03929	34.92433	20.11497	27.61172	7
1803.085	1806.623	1445.623	89.62227	37.62419	90.31848	92.97353	43.0468	8.188749	48.76445	17.1635	31.60095	28.42037	7
1803.09	1806.628	1445.628	90.69609	45.65867	91.76991	93.18594	37.18808	11.17251	51.63941	31.07271	20.5667	28.0336	7
1803.095	1806.633	1445.633	90.27128	57.8009	91.5575	93.53995	32.99435	12.59761	54.40804	23.63059	30.77745	27.5753	7
1803.1	1806.638	1445.638	89.70487	67.72912	91.2625	93.46914	29.00943	13.98795	57.00263	30.62639	26.37624	27.3284	7
1803.105	1806.642	1445.642	89.32726	69.58109	90.50728	92.46612	31.83511	12.17174	55.99315	40.44557	15.54758	27.43774	7
1803.11	1806.647	1445.647	85.45678	40.22809	86.04679	84.59536	47.07197	5.437202	47.49083	19.16241	28.32842	29.53104	7
1803.115	1806.652	1445.652	85.84619	44.36369	85.50398	83.02593	52.9376	2.778055	44.28435	31.35726	12.92708	30.49967	7
1803.12	1806.657	1445.657	86.82561	64.62394	87.07341	84.20595	42.56096	6.611469	50.82757	22.87574	27.95183	29.03047	7
1803.125	1806.662	1445.662	87.89943	84.96774	87.82863	78.01083	39.11904	7.359581	53.52138	37.73271	15.78867	29.81612	7
1803.13	1806.667	1445.667	89.43346	114.9056	90.57808	82.08191	21.04323	15.16284	63.79392	36.88915	26.90477	28.98112	7
1803.135	1806.672	1445.672	92.11212	150.0651	93.55175	89.74027	7.783965	21.18923	71.0268	67.39319	3.633614	-9999	7
1803.14	1806.677	1445.677	94.11816	163.2517	95.9944	94.27156	0	26.49828	73.50172	73.50172	0	-9999	7
1803.145	1806.682	1445.682	96.2186	166.2455	97.58743	100.7263	0.639066	26.19732	73.16361	73.16361	0	-9999	7
1803.15	1806.687	1445.687	98.87366	151.2766	99.33386	102.3665	8.860688	22.32376	68.81556	51.77571	17.03985	27.34643	7
1803.155	1806.692	1445.692	101.7883	108.2218	103.4285	105.4464	7.453269	31.83864	60.70809	51.00831	9.69978	-9999	7
1803.16	1806.697	1445.697	103.1807	123.9705	105.6116	106.7916	0	42.23859	57.76141	57.76141	0	-9999	7
1803.165	1806.702	1445.702	104.054	139.009	106.591	110.2137	0	46.1255	53.8745	53.8745	0	-9999	7
1803.17	1806.707	1445.707	103.936	128.2592	105.7768	107.948	0	38.69423	61.30577	61.30577	0	-9999	7
1803.175	1806.712	1445.712	105.47	157.4034	107.653	109.4703	0	47.08256	52.91744	52.91744	0	-9999	7
1803.18	1806.716	1445.716	104.4788	118.5817	106.65	107.8772	0	42.2003	57.7997	57.7997	0	-9999	7
1803.185	1806.721	1445.721	106.6028	104.671	108.3729	107.9244	2.877244	41.79329	55.32947	55.32947	0	-9999	7
1803.19	1806.726	1445.726	106.9922	119.6956	108.8213	110.2845	0	44.27135	55.72865	55.72865	0	-9999	7
1803.195	1806.731	1445.731	105.942	129.596	108.8921	112.6799	0	54.26334	45.73666	45.73666	0	-9999	7
1803.2	1806.736	1445.736	104.2782	155.4539	107.6412	108.6207	0	55.81718	44.18282	44.18282	0	-9999	7
1803.205	1806.741	1445.741	100.4785	196.42	102.9565	86.84921	0	42.20955	57.79045	57.79045	0	-9999	7
1803.21	1806.746	1445.746	97.24522	137.2267	97.87063	104.9862	12.47859	20.81025	66.71116	48.43677	18.27439	26.35474	7
1803.215	1806.751	1445.751	94.88517	100.4797	93.95295	91.60471	35.61425	7.998372	56.38738	32.48505	23.90234	28.36517	7
1803.22	1806.756	1445.756	94.05916	83.49174	93.06794	93.04434	40.94253	6.194192	52.86327	23.0726	29.79067	28.48161	7
1803.225	1806.761	1445.761	90.86129	76.72439	90.16508	88.20624	43.23597	5.692732	51.0713	32.86812	18.20318	28.96689	7
1803.23	1806.766	1445.766	88.10003	76.11171	88.06463	91.67551	40.80329	6.991478	52.20523	20.27207	31.93316	27.58136	7
1803.235	1806.771	1445.771	87.67523	80.91569	87.58082	86.2592	40.48881	6.892326	52.61886	36.14449	16.47437	28.39218	7
1803.24	1806.776	1445.776	83.50974	76.19526	83.23833	82.76632	46.83518	4.276751	48.88807	21.83465	27.05342	28.715	7
1803.245	1806.781	1445.781	79.39145	28.67069	79.36785	78.05803	60.20446	0.339286	39.45626	28.13144	11.32482	31.47928	7
1803.25	1806.786	1445.786	81.13789	23.32366	81.4329	81.7397	57.42252	1.413666	41.16382	20.29518	20.86863	30.84981	7
1803.255	1806.791	1445.791	82.42412	27.25039	81.97571	81.84591	61.05039	0.104265	38.84534	17.31075	21.53459	31.61585	7
1803.26	1806.795	1445.795	82.56572	22.69705	82.24711	82.15271	61.01605	0.204224	38.77972	16.95159	21.82813	31.68624	7
1803.265	1806.8	1445.8	82.29431	37.84699	82.56572	83.19113	53.02687	2.793351	44.17978	13.48041	30.69937	29.87793	7
1803.27	1806.805	1445.805	82.50672	30.67583	83.28553	84.92577	50.63444	3.87704	45.48852	24.40073	21.08778	29.47207	7
1803.275	1806.81	1445.81	83.80475	35.9254	83.67494	83.88735	55.21166	2.089477	42.69886	26.67209	16.02678	30.39947	7
1803.28	1806.815	1445.815	86.2828	56.68693	87.85223	89.57506	34.73849	10.5474	54.71411	30.47927	24.23484	27.73387	7
1803.285	1806.82	1445.82	90.40108	97.37453	92.61953	88.12363	16.07341	19.66753	64.25906	36.42206	27.83699	28.61001	7
1803.29	1806.825	1445.825	94.87337	139.8863	95.69939	92.21832	12.46239	19.90041	67.6372	51.46235	16.17485	28.34331	7
1803.295	1806.83	1445.83	95.20378	71.30774	95.45159	95.89999	33.23556	12.39538	54.36906	33.61092	20.75815	27.79255	7
1803.3	1806.835	1445.835	99.29846	98.98979	98.13024	96.3602	33.74362	8.700389	57.55599	34.35527	23.20072	28.36143	10
1803.305	1806.84	1445.84	105.7886	107.7762	106.9686	108.8449	7.447464	34.51884	58.0337	43.04802	14.98568	-9999	10
1803.31	1806.845	1445.845	110.8273	79.34221	111.6769	112.6445	12.25353	38.62838	49.11809	28.20268	20.91541	25.74206	10
1803.315	1806.85	1445.85	114.1904	83.53351	115.04	116.6094	8.145215	46.46909	45.3857	32.86156	12.52414	24.96062	10
1803.32	1806.855	1445.855	118.8161	107.804	119.8781	121.1761	0	64.70253	35.29747	35.29747	0	-9999	10
1803.325	1806.86	1445.86	122.1555	94.97951	122.7809	122.3207	0	66.33314	33.66686	33.66686	0	-9999	10
1803.33	1806.865	1445.865	126.0496	112.1067	126.4272	128.5867	0	75.72195	24.27805	24.27805	0	-9999	10
1803.335	1806.87	1445.87	126.4154	141.4597	126.8048	126.1558	0	79.41597	20.58403	20.58403	0	-9999	10
1803.34	1806.874	1445.874	123.0406	143.437	123.6778	124.6336	0	72.93967	27.06033	27.06033	0	-9999	10
1803.345	1806.879	1445.879	120.9637	105.3394	122.0611	123.784	0	72.67886	27.32114	27.32114	0	-9999	10
1803.35	1806.884	1445.884	119.2763	103.2925	120.3737	120.9047	0	66.58824	33.41176	33.41176	0	-9999	10
1803.355	1806.889	1445.889	118.0136	87.2096	118.6273	121.6835	5.567223	52.89931	41.53347	38.65009	2.883378	-9999	10
1803.36	1806.894	1445.894	117.6242	75.84715	118.1199	118.6863	9.58971	49.07666	41.33363	27.11981	14.21381	24.37058	10
1803.365	1806.899	1445.899	118.7689	53.24756	119.3825	120.0197	13.09124	52.72391	34.18486	29.17448	5.010375	23.42049	10
1803.37	1806.904	1445.904	118.4503	73.75846	119.2527	120.5035	6.957488	56.55759	36.48492	22.83562	13.6493	-9999	10
1803.375	1806.909	1445.909	120.9283	64.22013	121.1643	120.7159	11.37565	52.49644	36.12791	31.14722	4.980689	23.59895	10
1803.38	1806.914	1445.914	120.0433	80.37263	120.6569	121.6835	5.354498	58.31372	36.33178	36.33178	0	-9999	10
1803.385	1806.919	1445.919	120.4091	62.88337	119.9135	119.6067	17.84683	37.22811	44.92505	31.1327	13.79235	25.09446	10

1803.39	1806.924	1445.924	122.2027	68.95448	121.8369	122.5567	13.72151	44.10953	42.16896	21.92315	20.24581	24.14612	10
1803.395	1806.929	1445.929	121.9313	98.82269	121.4829	121.4121	7.383257	43.83531	48.78143	41.29999	7.481446	-9999	10
1803.4	1806.934	1445.934	122.4859	63.30111	122.7219	122.8635	10.16503	56.9832	32.85177	26.9556	5.896177	22.8454	10
1803.405	1806.939	1445.939	121.5065	67.45063	122.0965	122.7573	7.318355	61.57758	31.10406	31.10406	0	-9999	10
1803.41	1806.944	1445.944	120.7395	76.13956	121.4121	123.076	5.281124	61.35563	33.36324	33.36324	0	-9999	10
1803.415	1806.948	1445.948	120.7159	68.84309	121.1879	122.2499	8.623266	56.82557	34.55116	27.79747	6.753689	23.08286	10
1803.42	1806.953	1445.953	121.2233	70.0963	121.7307	123.017	7.578816	59.17061	33.25058	33.25058	0	-9999	10
1803.425	1806.958	1445.958	114.3556	73.49389	114.2848	115.0282	17.55606	33.08977	49.35417	21.24592	28.10825	25.80555	10
1803.43	1806.963	1445.963	114.2966	61.54661	114.096	115.4412	21.50756	30.38189	48.11056	29.89922	18.21134	25.83326	10
1803.435	1806.968	1445.968	116.692	83.57528	116.9162	117.7068	10.68054	42.89516	46.4243	24.87868	21.54562	25.05185	10
1803.44	1806.973	1445.973	117.1876	91.19202	117.4354	119.0521	8.198419	44.92891	46.87267	46.87267	0	24.89815	10
1803.445	1806.978	1445.978	118.049	98.36318	118.3087	118.8633	5.579044	47.67229	46.74867	46.74867	0	-9999	10
1803.45	1806.983	1445.983	118.5919	87.0425	119.2409	119.7365	4.801349	55.13224	40.06641	35.96707	4.099333	-9999	10
1803.455	1806.988	1445.988	118.1081	76.62692	118.1081	117.3882	12.79688	41.94814	45.25498	25.78023	19.47475	25.12987	10
1803.46	1806.993	1445.993	117.5534	65.48726	117.636	117.5888	15.36275	41.32786	43.30939	19.87238	23.437	24.90843	10
1803.465	1806.998	1445.998	118.3205	68.95448	118.1671	117.6242	15.64707	39.30648	45.04644	28.82798	16.21846	25.17538	10
1803.47	1807.003	1446.003	118.1789	56.03248	118.3913	118.0372	16.06946	44.32679	39.60375	22.80396	16.79979	24.48658	10
1803.475	1807.008	1446.008	120.8929	63.76062	121.0699	121.7897	11.97668	51.21182	36.81151	14.90114	21.91036	23.49467	10
1803.48	1807.013	1446.013	122.2735	63.98341	122.5095	123.1468	10.19532	56.38791	33.41677	26.5202	6.896566	22.8555	10
1803.485	1807.018	1446.018	121.6717	66.19742	122.0847	123.5952	8.841423	58.37845	32.78013	17.68795	15.09218	22.65597	10
1803.49	1807.023	1446.023	122.1319	63.74669	122.0375	121.5773	12.94354	49.11743	37.93903	15.71626	22.22277	23.76876	10
1803.495	1807.027	1446.027	124.1262	68.91271	124.1262	124.5274	9.127044	57.14744	33.72552	15.79983	17.92569	22.69635	10
1803.5	1807.032	1446.032	123.489	70.41656	123.5834	123.7958	8.617732	57.43806	33.94421	20.15022	13.79399	22.83362	10
1803.505	1807.037	1446.037	125.967	89.78564	124.7044	123.4772	12.16757	33.85439	53.97803	43.49213	10.4859	25.68057	10
1803.51	1807.042	1446.042	128.9289	78.29787	128.3389	126.3682	7.009946	57.37641	35.61364	34.64236	0.971279	-9999	10
1803.515	1807.047	1446.047	127.9023	74.9142	128.2091	129.2121	1.822943	78.62295	19.55411	19.55411	0	-9999	10
1803.52	1807.052	1446.052	118.6981	129.2757	118.4503	118.1789	1.433545	42.56954	55.99691	55.99691	0	-9999	10
1803.525	1807.057	1446.057	125.9552	56.39452	125.8962	125.8844	10.93099	60.62647	28.44254	15.16845	13.27409	21.82928	10
1803.53	1807.062	1446.062	124.846	51.67409	124.7398	125.023	13.45963	55.70164	30.83873	12.2329	18.60583	22.36084	10
1803.535	1807.067	1446.067	126.4272	52.7602	126.7104	127.1942	8.724141	70.71679	20.55907	17.33557	3.223495	20.49507	10
1803.54	1807.072	1446.072	125.259	53.13617	125.5658	125.1764	9.525021	67.0549	23.42008	14.4444	8.97568	21.25494	10
1803.545	1807.077	1446.077	123.5244	49.29299	123.7958	123.0996	12.32529	60.06489	27.60982	19.22487	8.38495	22.21676	10
1803.55	1807.082	1446.082	122.8871	58.49713	123.0878	122.8871	11.23284	57.12346	31.64371	25.98995	5.653756	22.72183	10
1803.555	1807.087	1446.087	124.5982	56.65909	124.61	124.6336	11.56672	58.04011	30.39317	18.48751	11.90566	22.30279	10
1803.56	1807.092	1446.092	125.2118	54.94636	125.2826	125.4124	10.95942	61.28362	27.75696	6.706528	21.05044	21.81205	10
1803.565	1807.097	1446.097	126.7694	68.17471	127.3004	128.9171	2.758512	79.62372	17.61776	17.61776	0	-9999	10
1803.57	1807.102	1446.102	129.3655	55.05776	129.6487	130.7579	5.464934	82.76547	11.76959	10.59524	1.174358	-9999	10
1803.575	1807.106	1446.106	126.4272	55.48942	127.029	127.5246	5.59447	79.2189	15.18663	9.756808	5.429817	-9999	10
1803.58	1807.111	1446.111	125.2354	61.21242	125.6838	125.5776	6.494857	70.98743	22.51771	22.27106	0.246659	-9999	10
1803.585	1807.116	1446.116	123.6896	46.98151	124.0318	124.492	12.18397	62.04686	25.76916	20.23807	5.531094	21.72181	10
1803.59	1807.121	1446.121	122.1555	32.55565	122.3561	122.5449	18.18376	53.17502	28.64122	12.02197	16.61925	22.69419	10
1803.595	1807.126	1446.126	123.135	36.7748	123.4772	123.548	15.16424	59.52889	25.30687	9.203294	16.10358	21.94213	10
1803.6	1807.131	1446.131	123.607	68.64814	124.197	123.1704	5.096149	68.85893	26.04492	24.06423	1.980683	-9999	10
1803.605	1807.136	1446.136	125.5186	39.75465	125.6484	124.7752	13.89629	62.71882	23.38489	9.004514	14.38038	21.45728	10
1803.61	1807.141	1446.141	128.0203	47.23215	128.1737	127.6072	9.602311	72.94598	17.45171	7.798973	9.652736	19.99634	10
1803.615	1807.146	1446.146	127.4656	65.2227	127.9141	126.6868	3.472544	80.08865	16.43881	16.43881	0	-9999	10
1803.62	1807.151	1446.151	127.0408	47.30177	127.265	128.5867	9.937818	71.1165	18.94568	2.321598	16.62408	20.0356	10
1803.625	1807.156	1446.156	124.4684	42.51172	124.5982	125.318	14.19528	59.42449	26.38022	20.77267	5.607559	21.74394	10
1803.63	1807.161	1446.161	121.8841	44.11305	121.8605	120.9519	17.37415	48.57814	34.04771	12.90643	21.14128	23.59583	10
1803.635	1807.166	1446.166	121.1643	48.52713	121.5065	121.0935	14.13316	54.21863	31.64821	12.99602	18.65218	23.07096	10
1803.64	1807.171	1446.171	123.0406	65.51511	123.3474	123.6778	8.570286	60.38691	31.0428	26.11027	4.932527	22.46744	10
1803.645	1807.176	1446.176	125.4714	68.64814	125.9316	127.3358	4.386836	72.67175	22.94141	22.94141	0	-9999	10
1803.65	1807.18	1446.18	126.7576	58.92879	127.1706	129.6959	5.921399	75.81404	18.26456	18.26456	0	-9999	10
1803.655	1807.185	1446.185	125.8136	93.00222	127.0054	130.5573	0	94.51058	5.489421	5.489421	0	-9999	10
1803.66	1807.19	1446.19	127.2414	104.1558	127.9731	134.5576	0	89.54161	10.45839	10.45839	0	-9999	10
1803.665	1807.195	1446.195	129.3065	71.00139	130.4039	133.0354	0	100	0	0	0	-9999	10
1803.67	1807.2	1446.2	126.9346	39.05843	127.0998	127.6072	12.48767	68.59752	18.91481	7.782597	11.13221	20.28511	10
1803.675	1807.205	1446.205	121.3649	33.93418	121.4121	121.2941	19.7664	47.92196	32.31164	10.42613	21.88551	23.45709	10
1803.68	1807.21	1446.21	121.3885	40.39518	121.4357	121.9667	18.18112	48.4214	33.39748	15.56488	17.8326	23.35253	10
1803.685	1807.215	1446.215	119.8191	46.95366	119.9843	120.1731	17.12333	46.98862	35.88805	25.72027	10.16778	23.82485	10
1803.69	1807.22	1446.22	119.7601	43.9181	119.7719	119.7483	19.10109	43.81187	37.08704	16.97915	20.10789	24.16764	10
1803.695	1807.225	1446.225	117.8838	33.4329	117.8012	117.4236	24.09626	37.16024	38.7435	19.6645	19.079	25.06485	10
1803.7	1807.23	1446.23	120.6097	70.98747	119.6067	112.9159	19.63352	28.85748	51.50901	28.94404	22.56497	27.24697	10
1803.705	1807.235	1446.235	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1804.04	1807.565	1446.565	123.1114	113.7916	122.7101	119.9017	2.30935	48.59037	49.10028	49.10028	0	-9999	-9999
1804.045	1807.57	1446.57	129.0941	129.6238	128.9643	129.1767	0	74.52812	25.47188	25.47188	0	-9999	-9999
1804.05	1807.575	1446.575	134.475	129.6378	135.124	137.0592	0	100	0	0	0	-9999	-9999
1804.055	1807.58	1446.58	138.8057	108.8623	139.0771	138.3691	0	100	0	0	0	-9999	-9999
1804.06	1807.585	1446.585	137.484	107.804	137.6139	138.0977	0	100	0	0	0	-9999	-9999
1804.065	1807.59	1446.59	137.2244	116.1449	137.6611	138.3101	0	100	0	0	0	-9999	-9999
1804.07	1807.595	1446.595	137.0592	125.0148	137.4722	140.7527	0	100	0	0	0	-9999	-9999
1804.075	1807.6	1446.6	139.3839	104.9634	139.6435	139.8441	0	100	0	0	0	-9999	-9999
1804.08	1807.605	1446.605	138.9709	127.563	139.0653	136.9884	0	100	0	0	0	-9999	-9999

1804.085	1807.61	1446.61	137.0592	161.6225	137.7791	137.1064	0	100	0	0	0	-9999	-9999
1804.09	1807.615	1446.615	135.36	210.8737	136.5872	137.4368	0	100	0	0	0	-9999	-9999
1804.095	1807.62	1446.62	137.7319	156.3312	137.9797	136.2686	0	100	0	0	0	-9999	-9999
1804.1	1807.625	1446.625	137.7555	170.3671	138.2393	137.7673	0	100	0	0	0	-9999	-9999
1804.105	1807.63	1446.63	138.7821	182.4258	139.3839	137.8971	0	100	0	0	0	-9999	-9999
1804.11	1807.635	1446.635	140.2217	172.5394	140.9651	144.0686	0	100	0	0	0	-9999	-9999
1804.115	1807.64	1446.64	139.9267	167.5405	140.4105	142.5346	0	100	0	0	0	-9999	-9999
1804.12	1807.644	1446.644	138.3927	180.0169	139.4901	139.9739	0	100	0	0	0	-9999	-9999
1804.125	1807.649	1446.649	139.0181	167.5544	139.9149	141.0241	0	100	0	0	0	-9999	-9999
1804.13	1807.654	1446.654	138.4635	193.4123	139.4075	140.3397	0	100	0	0	0	-9999	-9999
1804.135	1807.659	1446.659	137.5903	192.9806	138.6877	139.0181	0	100	0	0	0	-9999	-9999
1804.14	1807.664	1446.664	138.2629	150.1208	139.1125	139.8795	0	100	0	0	0	-9999	-9999
1804.145	1807.669	1446.669	138.4989	158.1971	139.2069	139.8323	0	100	0	0	0	-9999	-9999
1804.15	1807.674	1446.674	139.0771	137.7558	139.6671	140.4577	0	100	0	0	0	-9999	-9999
1804.155	1807.679	1446.679	137.6965	122.2577	138.0505	138.3337	0	100	0	0	0	-9999	-9999
1804.16	1807.684	1446.684	139.1597	130.5707	139.0417	137.6139	0	100	0	0	0	-9999	-9999
1804.165	1807.689	1446.689	137.6729	163.5441	138.6169	140.3751	0	100	0	0	0	-9999	-9999
1804.17	1807.694	1446.694	138.1567	157.097	138.7703	141.1775	0	100	0	0	0	-9999	-9999
1804.175	1807.699	1446.699	135.9972	155.9413	136.658	137.1418	0	100	0	0	0	-9999	-9999
1804.18	1807.704	1446.704	135.5134	151.3601	135.9736	138.0741	0	100	0	0	0	-9999	-9999
1804.185	1807.709	1446.709	137.0002	116.3398	137.4722	137.2598	0	100	0	0	0	-9999	-9999
1804.19	1807.714	1446.714	136.7406	114.4739	137.2362	137.2598	0	100	0	0	0	-9999	-9999
1804.195	1807.719	1446.719	134.2862	135.8621	135.36	136.127	0	100	0	0	0	-9999	-9999
1804.2	1807.723	1446.723	132.4217	205.0672	133.4956	134.8408	0	100	0	0	0	-9999	-9999
1804.205	1807.728	1446.728	128.3507	271.8773	130.4865	132.5397	0	100	0	0	0	-9999	-9999
1804.21	1807.733	1446.733	129.3891	206.3343	131.1001	133.0472	0	100	0	0	0	-9999	-9999
1804.215	1807.738	1446.738	132.6932	154.0615	133.7906	136.2214	0	100	0	0	0	-9999	-9999
1804.22	1807.743	1446.743	131.8671	172.3444	133.767	135.6668	0	100	0	0	0	-9999	-9999
1804.225	1807.748	1446.748	129.5779	217.6968	131.6075	134.888	0	100	0	0	0	-9999	-9999
1804.23	1807.753	1446.753	131.0175	172.3862	132.4099	133.59	0	100	0	0	0	-9999	-9999
1804.235	1807.758	1446.758	132.6223	150.2879	133.7906	133.7906	0	100	0	0	0	-9999	-9999
1804.24	1807.763	1446.763	125.6012	147.5308	126.5098	127.4538	0	89.86126	10.13874	10.13874	0	-9999	-9999
1804.245	1807.768	1446.768	125.3652	125.5579	126.3918	128.1029	0	90.34597	9.65403	9.65403	0	-9999	-9999
1804.25	1807.773	1446.773	126.3918	108.0129	126.7104	128.5867	0	75.2295	24.7705	24.7705	0	-9999	-9999
1804.255	1807.778	1446.778	124.3976	150.636	125.1646	127.147	0	81.53005	18.46995	18.46995	0	-9999	-9999
1804.26	1807.783	1446.783	124.3622	185.4196	125.4124	126.9936	0	90.56317	9.436828	9.436828	0	-9999	-9999
1804.265	1807.788	1446.788	125.377	175.9787	126.616	129.6251	0	99.24875	0.751249	0.751249	0	-9999	-9999
1804.27	1807.793	1446.793	124.3032	189.597	125.613	127.0172	0	96.91525	3.084754	3.084754	0	-9999	-9999
1804.275	1807.797	1446.797	124.728	182.2309	125.5304	126.7104	0	85.84826	14.15174	14.15174	0	-9999	-9999
1804.28	1807.802	1446.802	124.256	194.3453	125.141	128.5159	0	86.73777	13.26223	13.26223	0	-9999	-9999
1804.285	1807.807	1446.807	124.5628	194.4427	126.2148	127.2178	0	100	0	0	0	-9999	-9999
1804.29	1807.812	1446.812	127.3712	161.2187	128.3035	129.9083	0	99.58093	0.419075	0.419075	0	-9999	-9999
1804.295	1807.817	1446.817	127.5482	125.0984	128.1501	129.6959	0	88.7299	11.2701	11.2701	0	-9999	-9999
1804.3	1807.822	1446.822	125.8726	139.6635	126.7812	127.2178	0	90.5312	9.468795	9.468795	0	-9999	-9999
1804.305	1807.827	1446.827	125.5068	134.9291	126.2974	127.265	0	85.59409	14.40591	14.40591	0	-9999	-9999
1804.31	1807.832	1446.832	123.4182	165.3404	124.5392	126.2974	0	86.88285	13.11715	13.11715	0	-9999	-9999
1804.315	1807.837	1446.837	121.4357	176.2851	123.1114	125.1174	0	91.55468	8.445319	8.445319	0	-9999	-9999
1804.32	1807.842	1446.842	124.4212	134.3303	125.2118	127.0644	0	81.08991	18.91009	18.91009	0	-9999	-9999
1804.325	1807.847	1446.847	124.61	128.2175	125.8372	127.619	0	92.14394	7.856063	7.856063	0	-9999	-9999
1804.33	1807.852	1446.852	123.1232	134.1633	123.9374	126.2974	0	76.5818	23.4182	23.4182	0	-9999	-9999
1804.335	1807.857	1446.857	118.4739	181.6878	119.7247	126.0378	0	72.01188	27.98812	27.98812	0	-9999	-9999
1804.34	1807.862	1446.862	117.7658	224.4363	119.9607	124.6808	0	89.58213	10.41787	10.41787	0	-9999	-9999
1804.345	1807.867	1446.867	124.4684	112.8587	125.318	127.2532	0	81.25289	18.74711	18.74711	0	-9999	-9999
1804.35	1807.872	1446.872	122.1673	128.7048	122.5213	122.8517	0	62.90986	37.09014	37.09014	0	-9999	-9999
1804.355	1807.876	1446.876	126.2738	116.3259	127.2414	127.6898	0	92.32835	7.671655	7.671655	0	-9999	-9999
1804.36	1807.881	1446.881	125.6248	126.0035	127.0408	128.8581	0	100	0	0	0	-9999	-9999
1804.365	1807.886	1446.886	123.7722	166.0366	124.787	127.3358	0	85.91991	14.08009	14.08009	0	-9999	-9999
1804.37	1807.891	1446.891	124.0908	159.6174	125.0702	126.5806	0	85.96938	14.03062	14.03062	0	-9999	-9999
1804.375	1807.896	1446.896	123.902	167.7075	124.8814	124.8578	0	85.73378	14.26622	14.26622	0	-9999	-9999
1804.38	1807.901	1446.901	126.6868	157.9603	127.265	128.8699	0	86.59746	13.40254	13.40254	0	-9999	-9999
1804.385	1807.906	1446.906	126.203	166.9417	127.2178	126.5806	0	96.67054	3.329457	3.329457	0	-9999	-9999
1804.39	1807.911	1446.911	127.2532	116.0613	127.4302	127.088	0	75.2996	24.7004	24.7004	0	-9999	-9999
1804.395	1807.916	1446.916	127.442	110.4636	127.737	129.1413	0	78.84527	21.15473	21.15473	0	-9999	-9999
1804.4	1807.921	1446.921	126.6042	143.2699	127.3594	127.6898	0	89.97456	10.02544	10.02544	0	-9999	-9999
1804.405	1807.926	1446.926	126.1912	172.6786	127.4538	127.6072	0	100	0	0	0	-9999	-9999
1804.41	1807.931	1446.931	126.8048	160.3693	127.6898	128.2681	0	95.53808	4.46192	4.46192	0	-9999	-9999
1804.415	1807.936	1446.936	126.0142	179.3346	127.2414	126.8992	0	100	0	0	0	-9999	-9999
1804.42	1807.941	1446.941	126.852	193.8161	128.0911	129.4835	0	100	0	0	0	-9999	-9999
1804.425	1807.946	1446.946	129.3065	173.0964	130.6871	131.0411	0	100	0	0	0	-9999	-9999
1804.43	1807.95	1446.95	129.4481	180.922	130.6635	132.8938	0	100	0	0	0	-9999	-9999
1804.435	1807.955	1446.955	130.6399	176.0205	131.6075	132.1975	0	100	0	0	0	-9999	-9999
1804.44	1807.96	1446.96	130.4865	192.3819	131.1827	131.4305	0	100	0	0	0	-9999	-9999
1804.445	1807.965	1446.965	130.5809	167.248	131.0883	131.8553	0	100	0	0	0	-9999	-9999

1804.45	1807.97	1446.97	132.0087	142.8104	133.177	134.0384	0	100	0	0	0	-9999	-9999
1804.455	1807.975	1446.975	133.5546	133.8708	134.121	135.8084	0	100	0	0	0	-9999	-9999
1804.46	1807.98	1446.98	132.8938	147.4055	133.7198	134.77	0	100	0	0	0	-9999	-9999
1804.465	1807.985	1446.985	132.4335	168.0835	133.1416	135.3482	0	100	0	0	0	-9999	-9999
1804.47	1807.99	1446.99	133.1062	181.3815	134.2154	135.95	0	100	0	0	0	-9999	-9999
1804.475	1807.995	1446.995	134.1682	128.2175	134.2036	136.1506	0	100	0	0	0	-9999	-9999
1804.48	1808	1447	134.9116	113.8195	135.2302	135.478	0	100	0	0	0	-9999	-9999
1804.485	1808.005	1447.005	134.6402	120.2665	135.1358	137.0592	0	100	0	0	0	-9999	-9999
1804.49	1808.01	1447.01	135.5488	112.7612	136.2214	137.2008	0	100	0	0	0	-9999	-9999
1804.495	1808.015	1447.015	133.7434	138.9255	134.534	134.6284	0	100	0	0	0	-9999	-9999
1804.5	1808.02	1447.02	129.5779	195.3478	131.0883	133.59	0	100	0	0	0	-9999	-9999
1804.505	1808.025	1447.025	129.3419	235.9797	131.3243	133.177	0	100	0	0	0	-9999	-9999
1804.51	1808.029	1447.029	131.5957	184.8626	132.6577	134.1446	0	100	0	0	0	-9999	-9999
1804.515	1808.034	1447.034	133.5192	153.1424	134.6992	136.363	0	100	0	0	0	-9999	-9999
1804.52	1808.039	1447.039	134.4396	105.4926	135.1594	133.1888	0	100	0	0	0	-9999	-9999
1804.525	1808.044	1447.044	134.0974	126.3098	134.7936	134.7936	0	100	0	0	0	-9999	-9999
1804.53	1808.049	1447.049	132.9764	159.6034	134.2154	136.7052	0	100	0	0	0	-9999	-9999
1804.535	1808.054	1447.054	135.3718	142.4762	136.4102	137.8145	0	100	0	0	0	-9999	-9999
1804.54	1808.059	1447.059	135.478	117.3702	136.3512	136.717	0	100	0	0	0	-9999	-9999
1804.545	1808.064	1447.064	133.8496	147.0156	135.183	135.0414	0	100	0	0	0	-9999	-9999
1804.55	1808.069	1447.069	133.0236	173.0964	134.9706	137.6847	0	100	0	0	0	-9999	-9999
1804.555	1808.074	1447.074	130.6045	242.6217	133.4248	134.8762	0	100	0	0	0	-9999	-9999
1804.56	1808.079	1447.079	132.1149	273.2001	135.5016	139.2777	0	100	0	0	0	-9999	-9999
1804.565	1808.084	1447.084	133.6136	243.9167	135.95	142.0979	0	100	0	0	0	-9999	-9999
1804.57	1808.089	1447.089	138.5225	138.2153	139.8087	142.0035	0	100	0	0	0	-9999	-9999
1804.575	1808.094	1447.094	142.0743	95.46687	142.9358	142.5818	0	100	0	0	0	-9999	-9999
1804.58	1808.099	1447.099	142.1451	94.49215	142.865	144.9064	0	100	0	0	0	-9999	-9999
1804.585	1808.104	1447.104	140.1155	102.638	140.8471	143.0656	0	100	0	0	0	-9999	-9999
1804.59	1808.108	1447.108	140.0683	104.1837	140.6111	143.3488	0	100	0	0	0	-9999	-9999
1804.595	1808.113	1447.113	140.2571	109.475	141.0713	140.9769	0	100	0	0	0	-9999	-9999
1804.6	1808.118	1447.118	138.8293	103.6545	139.4783	138.7703	0	100	0	0	0	-9999	-9999
1804.605	1808.123	1447.123	139.6081	84.6614	140.0447	141.8029	0	100	0	0	0	-9999	-9999
1804.61	1808.128	1447.128	139.5491	88.15647	139.8677	141.9209	0	100	0	0	0	-9999	-9999
1804.615	1808.133	1447.133	140.8117	146.6954	141.8855	142.1451	0	100	0	0	0	-9999	-9999
1804.62	1808.138	1447.138	129.0469	210.9712	130.7815	132.5397	0	100	0	0	0	-9999	-9999
1804.625	1808.143	1447.143	123.784	206.6546	125.6012	127.9967	0	100	0	0	0	-9999	-9999
1804.63	1808.148	1447.148	125.6484	240.7698	128.0557	132.3391	0	100	0	0	0	-9999	-9999
1804.635	1808.153	1447.153	127.5482	201.8088	129.6959	134.6284	0	100	0	0	0	-9999	-9999
1804.64	1808.158	1447.158	127.8905	209.7737	129.9201	133.3068	0	100	0	0	0	-9999	-9999
1804.645	1808.163	1447.163	123.8902	273.8546	126.203	128.5867	0	100	0	0	0	-9999	-9999
1804.65	1808.168	1447.168	126.1676	221.2893	127.7488	129.8139	0	100	0	0	0	-9999	-9999
1804.655	1808.173	1447.173	128.9761	181.1865	130.4039	130.9939	0	100	0	0	0	-9999	-9999
1804.66	1808.178	1447.178	128.6457	156.2059	130.0145	131.4305	0	100	0	0	0	-9999	-9999
1804.665	1808.182	1447.182	126.6868	170.3811	128.3743	130.3921	0	100	0	0	0	-9999	-9999
1804.67	1808.187	1447.187	127.7488	160.5085	128.6339	129.3773	0	100	0	0	0	-9999	-9999
1804.675	1808.192	1447.192	128.0321	156.2616	129.4599	132.4099	0	100	0	0	0	-9999	-9999
1804.68	1808.197	1447.197	125.9788	175.4496	126.8992	126.8756	0	93.72961	6.270389	6.270389	0	-9999	-9999
1804.685	1808.202	1447.202	129.4363	113.0397	129.8139	127.4774	0	89.83663	10.16337	10.16337	0	-9999	-9999
1804.69	1808.207	1447.207	135.6904	138.8976	136.1506	135.8084	0	100	0	0	0	-9999	-9999
1804.695	1808.212	1447.212	153.2138	91.0667	153.2374	153.5324	0	100	0	0	0	-9999	-9999
1804.7	1808.217	1447.217	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1805.01	1808.523	1447.523	89.76387	80.33086	88.78445	83.99355	45.56768	4.372612	50.05971	31.38499	18.67472	29.64571	7
1805.015	1808.528	1447.528	91.2507	91.21987	91.02649	86.89641	35.71173	8.867485	55.42078	38.05023	17.37055	28.5801	7
1805.02	1808.533	1447.533	89.53966	102.1924	89.31546	84.57176	34.63053	8.729962	56.63951	26.01221	30.6273	28.46304	7
1805.025	1808.538	1447.538	78.08163	90.81606	76.7128	77.38541	56.79583	1.169482	42.03468	28.20629	13.82839	29.20973	7
1805.03	1808.543	1447.543	81.4801	174.6698	80.35907	69.30225	31.45614	8.020913	60.52295	37.32013	23.20282	28.05543	7
1805.035	1808.548	1447.548	79.66286	120.3779	78.69524	74.83656	45.07776	4.347527	50.57471	20.18752	30.38719	28.14854	7
1805.04	1808.553	1447.553	81.24409	129.0669	81.4565	80.87829	32.37512	8.369968	59.25491	40.4458	18.80911	26.90953	7
1805.045	1808.558	1447.558	87.20322	98.85054	87.20322	87.89943	35.85121	8.221317	55.92747	33.79201	22.13546	27.46371	7
1805.05	1808.563	1447.563	96.1242	72.76982	96.0652	93.69335	34.4127	11.49795	54.08935	22.19781	31.89155	28.39724	7
1805.055	1808.567	1447.567	97.35142	46.4106	97.70543	99.08606	36.46177	13.12454	50.41369	28.77089	21.6428	27.92356	7
1805.06	1808.572	1447.572	95.78199	44.41939	96.78501	98.70845	33.35767	15.3365	51.30583	23.20999	28.09585	27.5569	7
1805.065	1808.577	1447.577	95.13298	64.12266	96.82041	100.7027	23.88236	19.92684	56.1908	39.68138	16.50942	26.75877	7
1805.07	1808.582	1447.582	94.02376	56.71478	95.14478	98.82645	31.08524	15.08354	53.83122	26.48423	27.34699	27.09664	7
1805.075	1808.587	1447.587	94.69637	61.30989	94.73177	99.67607	37.76799	10.21238	52.01963	23.0388	28.98083	27.35253	7
1805.08	1808.592	1447.592	94.24796	69.76211	94.43676	98.82645	34.94622	11.2591	53.79468	21.22222	32.57246	27.16864	7
1805.085	1808.597	1447.597	93.50454	78.38142	92.11212	91.0973	45.79884	3.754223	50.44694	28.42544	22.0215	29.2482	7
1805.09	1808.602	1447.602	92.30092	93.35033	91.02649	92.83193	42.36918	4.898845	52.73198	34.44822	18.28376	28.09907	7
1805.095	1808.607	1447.607	93.43374	58.21864	92.63133	95.86459	46.17077	5.110372	48.71885	30.98029	17.73856	28.64978	7
1805.1	1808.612	1447.612	94.14176	51.72979	93.77595	95.81739	43.70598	7.158421	49.1356	35.42719	13.7084	28.59842	7
1805.105	1808.617	1447.617	95.74659	67.45063	96.195	99.67607	32.11491	13.68787	54.19722	28.66695	25.53026	27.15025	7
1805.11	1808.622	1447.622	97.13902	86.3602	96.80861	97.09182	32.29359	11.58759	56.11882	30.70802	25.4108	27.74872	7
1805.115	1808.627	1447.627	95.62859	75.38763	95.45159	96.1124	35.14967	10.67541	54.17492	35.09213	19.08279	27.88093	7

1805.12	1808.632	1447.632	95.64039	68.57852	95.82919	97.83523	33.95161	12.22831	53.82008	20.18983	33.63025	27.55293	7
1805.125	1808.637	1447.637	96.3012	53.30326	96.92662	98.41345	33.65655	14.2442	52.09925	36.45374	15.64551	27.64599	7
1805.13	1808.642	1447.642	98.38985	54.54255	98.27184	97.78803	37.19656	11.64797	51.15547	35.71482	15.44065	28.36385	7
1805.135	1808.646	1447.646	98.21284	50.50442	98.40165	98.82645	35.95888	13.14947	50.89164	33.40129	17.49035	28.04931	7
1805.14	1808.651	1447.651	99.25126	56.93758	99.14506	100.2189	35.73301	12.58934	51.67765	21.44967	30.22798	27.92657	7
1805.145	1808.656	1447.656	99.72327	57.57811	100.2425	101.1157	30.2968	17.27815	52.42505	31.55692	20.86813	27.43606	7
1805.15	1808.661	1447.661	98.53145	54.93244	99.36927	100.5965	29.56433	17.94841	52.48726	20.37973	32.10753	27.3355	7
1805.155	1808.666	1447.666	97.41043	61.28204	97.57563	99.95928	34.27183	13.03679	52.69138	33.84908	18.8423	27.52968	7
1805.16	1808.671	1447.671	97.29242	56.50591	97.52843	100.3133	34.9875	13.04047	51.97202	36.24795	15.72408	27.51976	7
1805.165	1808.676	1447.676	98.96806	64.16443	99.12146	101.4697	32.23272	14.52323	53.24405	30.10329	23.14076	27.36295	7
1805.17	1808.681	1447.681	97.28062	53.01085	97.64643	96.1714	34.83819	13.57792	51.58389	34.8966	16.68728	28.29021	7
1805.175	1808.686	1447.686	97.30422	57.8566	97.97684	97.98864	31.26606	15.80078	52.93316	34.72359	18.20957	27.71909	7
1805.18	1808.691	1447.691	99.29846	70.30517	99.47547	99.01526	30.25978	15.39728	54.34293	28.91872	25.42421	27.73954	7
1805.185	1808.696	1447.696	95.53419	59.77819	97.25702	98.59045	24.29025	20.32183	55.38792	24.63793	30.74999	27.21583	7
1805.19	1808.701	1447.701	96.70241	44.46116	97.89424	99.16866	31.03754	17.44936	51.5131	28.27302	23.24008	27.47217	7
1805.195	1808.706	1447.706	95.33358	30.73153	95.86459	96.65521	40.74074	11.31576	47.9435	21.64104	26.30246	28.54387	7
1805.2	1808.711	1447.711	96.3484	50.68544	96.67881	96.077	36.53294	12.39679	51.07027	24.20786	26.86242	28.296	7
1805.205	1808.716	1447.716	95.29818	46.66124	95.75839	96.63161	37.46703	11.96969	50.56328	33.79436	16.76892	28.12354	7
1805.21	1808.721	1447.721	95.05038	48.03977	95.54599	95.66399	37.08705	12.04846	50.86449	32.50875	18.35573	28.22179	7
1805.215	1808.725	1447.725	94.09456	49.34868	94.17716	94.43676	40.85046	9.227856	49.92168	33.8504	16.07128	28.58214	7
1805.22	1808.73	1447.73	94.53117	46.4663	94.75537	94.82617	40.0489	10.0795	49.8716	31.55392	18.31768	28.54415	7
1805.225	1808.735	1447.735	94.63737	50.89431	94.40136	95.00318	42.44624	8.060917	49.49285	20.89922	28.59363	28.71935	7
1805.23	1808.74	1447.74	92.35992	42.62312	92.58413	95.35718	42.97649	8.282792	48.74072	30.74353	17.99719	28.37384	7
1805.235	1808.745	1447.745	94.42496	35.7026	94.64917	95.65219	42.75142	9.273811	47.97477	24.74734	23.22743	28.74157	7
1805.24	1808.75	1447.75	95.43978	36.7191	95.28638	94.49577	44.49825	8.064568	47.43718	25.15983	22.27736	29.33081	7
1805.245	1808.755	1447.755	94.66097	38.40397	95.13298	96.3012	39.96007	10.94788	49.09205	25.74391	23.34813	28.36007	7
1805.25	1808.76	1447.76	94.09456	40.01922	94.03556	93.69335	44.20562	7.879696	47.91469	27.90381	20.01088	29.16049	7
1805.255	1808.765	1447.765	92.04131	40.93824	92.13572	92.38352	44.68332	7.358499	47.95818	16.38611	31.57207	29.05981	7
1805.26	1808.77	1447.77	92.07672	47.74736	92.83193	94.94417	37.88164	10.93469	51.18367	19.71173	31.47194	27.92671	7
1805.265	1808.775	1447.775	94.75537	51.10318	94.96778	94.38956	38.81196	10.49842	50.68962	34.53431	16.15531	28.51424	7
1805.27	1808.78	1447.78	93.90575	53.40074	94.51937	93.51635	35.92823	12.0849	51.98687	19.37948	32.6074	28.30597	7
1805.275	1808.785	1447.785	95.13298	49.12589	95.59319	95.14478	37.02257	11.99769	50.97974	29.0774	21.90233	28.31674	7
1805.28	1808.79	1447.79	92.50152	58.95664	93.88215	95.02678	29.93122	15.11771	54.95107	29.11105	25.84003	27.53452	7
1805.285	1808.795	1447.795	94.36596	44.7118	94.80257	95.34538	38.97934	10.94805	50.07261	30.19805	19.87457	28.34424	7
1805.29	1808.799	1447.799	94.76717	57.71735	95.49879	95.42798	33.17659	13.74156	53.08185	19.03207	34.04978	27.90347	7
1805.295	1808.804	1447.804	93.44554	58.94271	95.01498	95.77019	27.60286	17.03946	55.35768	36.96443	18.39325	27.49921	7
1805.3	1808.809	1447.809	92.70213	50.81076	93.87035	95.85279	33.3641	13.69012	52.94578	21.8303	31.11548	27.58947	7
1805.305	1808.814	1447.814	94.29516	56.9515	95.33358	96.1832	31.41842	14.91608	53.6655	20.076	33.5895	27.62984	7
1805.31	1808.819	1447.819	94.05916	54.87674	94.29516	94.54297	38.35637	10.35909	51.28454	25.52963	25.75492	28.29105	7
1805.315	1808.824	1447.824	92.08852	38.09763	92.53693	92.26552	42.58377	8.842408	48.57382	34.52381	14.05002	28.91376	7
1805.32	1808.829	1447.829	90.99109	41.06356	91.03829	90.08247	45.985	6.516978	47.49802	20.41101	27.08701	29.42512	7
1805.325	1808.834	1447.834	95.62859	85.26016	96.72601	96.1596	22.88372	18.48254	58.63375	32.16442	26.46933	27.53073	7
1805.33	1808.839	1447.839	94.61377	82.40562	95.58139	98.16564	25.51412	16.5531	57.93278	38.99246	18.94032	27.01063	7
1805.335	1808.844	1447.844	90.63709	61.92257	91.1681	92.59593	37.51328	9.812697	52.67402	23.05228	29.62174	27.90751	7
1805.34	1808.849	1447.849	84.71336	45.5055	84.96117	84.37116	49.13088	4.293718	46.5754	30.30932	16.26608	29.51386	6
1805.345	1808.854	1447.854	84.13515	41.34206	83.58054	82.50672	56.88912	1.295843	41.81504	12.88748	28.92756	30.84352	6
1805.35	1808.859	1447.859	83.68674	58.4832	82.74272	79.36785	56.17141	1.178358	42.65023	29.49249	13.15774	30.84151	6
1805.355	1808.864	1447.864	81.3857	49.34868	80.08767	78.69524	63.24248	0	36.75752	10.84658	25.91094	30.57525	6
1805.36	1808.869	1447.869	82.61292	47.77521	82.38872	81.27949	54.1721	2.178725	43.64918	18.96032	24.68886	30.20692	6
1805.365	1808.874	1447.874	82.71912	69.95705	81.31489	79.55666	57.85157	0.459836	41.68859	15.89298	25.79561	30.57684	6
1805.37	1808.878	1447.878	81.10249	63.07831	80.06407	78.44744	58.16852	0.616598	41.21488	20.55275	20.66213	30.6127	6
1805.375	1808.883	1447.883	77.49162	62.28461	76.9606	75.20237	57.75017	0.921599	41.32823	23.88693	17.4413	30.34587	6
1805.38	1808.888	1447.888	78.95485	42.14968	77.82202	77.17301	65.9407	0	34.0593	18.57496	15.48434	30.22965	6
1805.385	1808.893	1447.893	80.67768	38.80778	80.04047	79.29705	61.32345	0	38.67655	15.41339	23.26316	31.29916	6
1805.39	1808.898	1447.898	78.34123	69.14943	76.9488	72.74792	61.98323	0	38.01677	12.5561	25.46068	31.06403	6
1805.395	1808.903	1447.903	79.62746	50.44873	78.55364	75.99299	62.85627	0	37.14373	13.92952	23.21421	30.94758	6
1805.4	1808.908	1447.908	81.5863	52.10575	81.3621	76.9134	54.0686	2.123092	43.80831	16.75886	27.04945	30.68047	6
1805.405	1808.913	1447.913	78.37663	57.48063	78.37663	78.35303	53.98318	2.021618	43.9952	19.72846	24.26674	29.58376	6
1805.41	1808.918	1447.918	81.3975	34.51901	81.22049	80.85468	58.13248	0.999503	40.86802	14.51792	26.3501	30.9005	6
1805.415	1808.923	1447.923	81.86951	34.44939	82.54212	83.09673	51.13054	3.521216	45.34824	32.66603	12.68221	29.64013	6
1805.42	1808.928	1447.928	79.94607	39.55971	80.31187	80.73668	54.04116	2.235994	43.72285	12.74399	30.97886	29.91894	6
1805.425	1808.933	1447.933	78.78964	43.11048	78.34123	79.34425	60.55597	0.133799	39.31024	17.53121	21.77903	30.79259	6
1805.43	1808.938	1447.938	78.54184	35.74438	78.18783	78.37663	61.83493	0	38.16507	13.53549	24.62958	31.0241	6
1805.435	1808.943	1447.943	78.62444	25.28702	78.02263	77.45622	66.2101	0	33.7899	20.30603	13.48387	30.56911	6
1805.44	1808.948	1447.948	79.98147	28.46183	79.87526	79.16725	60.35236	0.310781	39.33686	28.02047	11.3164	31.41168	6
1805.445	1808.953	1447.953	80.74848	25.2731	80.78388	80.42988	59.32095	0.713094	39.96596	10.61467	29.35129	31.24646	6
1805.45	1808.957	1447.957	80.34727	26.8605	80.41808	80.81928	59.03156	0.771587	40.19686	14.87264	25.32422	31.00532	6
1805.455	1808.962	1447.962	80.07587	33.39112	79.96967	81.4329	59.07262	0.673739	40.25365	27.38583	12.86782	30.68498	6
1805.46	1808.967	1447.967	80.73668	25.74653	80.78388	81.6335	59.12578	0.771663	40.10255	24.33873	15.76383	30.97865	6
1805.465	1808.972	1447.972	80.14667	28.37828	80.09947	81.6453	59.76333	0.506518	39.73016	22.5085	17.22166	30.89316	6
1805.47	1808.977	1447.977	79.75726	28.80994	79.94607	80.45348	58.18808	0.994949	40.81697	18.64238	22.17459	30.76921	6
1805.475	1808.982	1447.982	80.70128	23.97811	80.85468	83.79295	58.76324	0.916888	40.31987	19.18932	21.13055	30.55527	6
1805.48	1808.987	1447.987	80.50068	26.56808	80.99629	83.22653	55.66892	1.912597	42.41848	17.34687	25.07161	30.09426	6

1805.485	1808.992	1447.992	80.74848	22.44641	81.09069	82.05831	57.62726	1.328064	41.04468	11.29405	29.75063	30.74291	6
1805.49	1808.997	1447.997	82.11731	27.69597	82.38872	84.54816	55.64625	2.035565	42.31818	12.56627	29.75191	30.15028	6
1805.495	1809.002	1448.002	80.15847	27.8213	80.30007	80.73668	58.42403	0.950857	40.62511	24.56655	16.05856	30.8612	6
1805.5	1809.007	1448.007	81.27949	36.13427	80.21747	80.13487	64.70904	0	35.29096	8.092205	27.19875	30.44297	6
1805.505	1809.012	1448.012	81.09069	28.03016	80.40628	79.94607	63.91747	0	36.08253	7.749819	28.33271	30.9832	6
1805.51	1809.017	1448.017	78.32943	29.04666	78.18783	78.78964	62.00505	0	37.99495	15.90325	22.0917	31.06352	6
1805.515	1809.022	1448.022	79.58026	24.85536	79.26165	78.30583	63.24037	0	36.75963	12.72184	24.0378	31.28502	6
1805.52	1809.027	1448.027	79.35605	31.92904	78.54184	77.89282	65.57578	0	34.42422	22.29476	12.12946	30.54039	6
1805.525	1809.031	1448.031	77.52702	39.99137	76.7954	75.87498	64.66725	0	35.33275	19.45701	15.87574	30.56449	6
1805.53	1809.036	1448.036	80.76028	57.02112	79.17905	78.37663	64.15598	0	35.84402	8.476546	27.36747	30.07752	6
1805.535	1809.041	1448.041	80.05227	90.18946	80.02867	77.31461	44.70897	4.706929	50.5841	18.67082	31.91328	28.48705	6
1805.54	1809.046	1448.046	74.77756	130.9467	74.36455	70.64748	42.71636	5.18011	52.10353	32.8464	19.25713	27.41723	6
1805.545	1809.051	1448.051	80.45348	80.37263	81.84591	87.74603	35.7413	7.935601	56.3231	23.23489	33.08821	26.57094	6
1805.55	1809.056	1448.056	74.29375	61.04533	72.87772	71.7213	67.85101	0	32.14899	8.683123	23.46587	30.02014	6
1805.555	1809.061	1448.061	78.28223	40.08884	77.65682	76.31159	63.1258	0	36.8742	14.02597	22.84823	30.93183	6
1805.56	1809.066	1448.066	77.88102	35.15955	77.14941	75.60358	65.51086	0	34.48914	7.011919	27.47722	30.63718	6
1805.565	1809.071	1448.071	80.64228	35.36841	79.72186	79.09645	64.38319	0	35.61681	18.04991	17.5669	30.66445	6
1805.57	1809.076	1448.076	78.21143	34.56079	77.26741	76.5712	66.99792	0	33.00208	20.07366	12.92842	30.2477	6
1805.575	1809.081	1448.081	81.4447	100.9392	78.90764	78.09343	60.30574	0	39.69426	9.703158	29.9911	29.56357	6
1805.58	1809.086	1448.086	81.89311	30.98217	80.94909	80.00507	64.47681	0	35.52319	25.53402	9.989178	30.8169	6
1805.585	1809.091	1448.091	81.6453	19.91214	81.14969	78.95485	63.90856	0	36.09144	14.85088	21.24055	31.61443	6
1805.59	1809.096	1448.096	81.98751	33.64177	80.85468	77.82202	65.20957	0	34.79043	17.39543	17.395	30.91983	6
1805.595	1809.101	1448.101	80.59508	30.95432	80.22927	77.32641	61.19659	0.015724	38.78769	17.34703	21.44066	31.96885	6
1805.6	1809.106	1448.106	80.60688	24.13128	80.11127	78.58904	63.84288	0	36.15712	9.298728	26.85839	31.3209	6
1805.605	1809.11	1448.11	81.4565	28.07194	81.22049	81.4329	60.09565	0.426633	39.47772	22.56701	16.91071	31.27539	6
1805.61	1809.115	1448.115	83.06133	25.11993	83.28553	84.40656	55.76697	2.116799	42.11623	30.67943	11.4368	30.44204	6
1805.615	1809.12	1448.12	84.09975	33.51645	83.02593	81.22049	62.83937	0	37.16063	17.76164	19.39899	31.20424	6
1805.62	1809.125	1448.125	86.389	42.51172	85.29158	83.79295	58.73931	0.354191	40.9065	11.89231	29.01419	31.39115	6
1805.625	1809.13	1448.13	87.80503	30.31379	87.43922	86.10579	54.71844	2.544758	42.7368	20.96503	21.77177	30.84646	6
1805.63	1809.135	1448.135	89.43346	16.69556	89.35086	89.52786	54.32105	3.47124	42.20771	24.12665	18.08105	30.71754	6
1805.635	1809.14	1448.14	90.88489	26.41491	90.14148	90.27128	55.75496	2.110254	42.13479	25.19581	16.93897	30.96894	6
1805.64	1809.145	1448.145	94.04736	82.60056	91.2035	88.64285	55.527	0	44.473	11.51729	32.95571	27.88491	6
1805.645	1809.15	1448.15	97.43403	98.23786	94.31876	91.91151	50.73043	0	49.26957	21.82917	27.4404	26.81154	6
1805.65	1809.155	1448.155	96.3484	54.96029	95.01498	93.98835	48.39314	3.473702	48.13316	20.35304	27.78011	29.97668	6
1805.655	1809.16	1448.16	97.95324	104.5457	94.46036	91.61651	51.65272	0	48.34728	20.59133	27.75595	24.92632	6
1805.66	1809.165	1448.165	97.67003	94.88204	94.68457	93.36294	50.31944	0	49.68056	13.55504	36.12552	27.18278	6
1805.665	1809.17	1448.17	96.49001	33.15441	95.66399	93.92935	49.60746	4.804812	45.58773	28.83797	16.74976	30.39525	6
1805.67	1809.175	1448.175	100.2189	45.89539	99.62887	98.03584	41.26454	9.399456	49.33601	35.4589	13.8771	29.12913	6
1805.675	1809.18	1448.18	99.52267	67.29746	98.26004	95.66399	41.93851	6.083206	51.97828	36.43788	15.54041	29.44013	6
1805.68	1809.184	1448.184	97.46943	29.90998	97.11542	96.3484	45.83347	7.867119	46.29941	26.0436	20.25582	29.59645	6
1805.685	1809.189	1448.189	98.81465	27.91877	98.95626	99.28666	41.23675	11.86132	46.90192	18.91475	27.98717	28.68669	6
1805.69	1809.194	1448.194	100.4785	53.56783	101.3163	102.8031	28.10329	20.13035	51.76636	27.69964	24.06672	27.0958	6
1805.695	1809.199	1448.199	103.8298	51.84118	104.1602	105.9302	29.3704	20.1755	50.4541	32.07793	18.37616	27.01378	6
1805.7	1809.204	1448.204	108.9275	56.22742	110.5559	111.9365	13.55934	42.14884	44.29182	37.11633	7.17549	25.29877	6
1805.705	1809.209	1448.209	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1806.015	1809.515	1448.515	86.448	56.24135	85.51578	84.80777	54.08213	1.840384	44.07748	28.29599	15.78149	30.20171	4
1806.02	1809.52	1448.52	92.78473	83.04615	91.3687	90.89669	45.51511	3.736122	50.74877	35.08311	15.66566	29.01256	4
1806.025	1809.525	1448.525	104.0186	414.437	98.01224	96.077	0	0	100	100	0	-9999	4
1806.03	1809.53	1448.53	105.0452	664.0629	95.69939	92.61953	0	0	100	100	0	-9999	4
1806.035	1809.535	1448.535	102.7205	538.5189	95.07398	89.20926	0	0	100	100	0	-9999	4
1806.04	1809.54	1448.54	93.65795	141.6129	92.00591	90.31848	32.36763	6.878591	60.75378	43.32888	17.4249	27.68207	4
1806.045	1809.545	1448.545	88.14723	151.6247	87.12061	86.3654	30.16769	8.476174	61.35614	38.70843	22.64771	26.94926	4
1806.05	1809.55	1448.55	88.38324	86.75009	88.13543	90.47188	39.61439	7.046345	53.33927	35.53928	17.79998	27.5828	4
1806.055	1809.555	1448.555	88.73725	91.38697	89.26826	90.15328	32.13075	10.56613	57.30312	33.28763	24.01548	27.40259	4
1806.06	1809.56	1448.56	88.66645	109.1686	88.46584	88.59564	33.56274	8.871078	57.56618	30.87968	26.6865	27.39711	4
1806.065	1809.565	1448.565	87.45102	99.12903	88.15904	88.15904	30.06872	10.9806	58.95068	42.33487	16.61581	27.41137	4
1806.07	1809.57	1448.57	87.69883	59.95921	87.84043	90.01167	43.70953	6.359069	49.9314	32.863	17.0684	28.27418	4
1806.075	1809.574	1448.574	87.30942	138.0482	86.94361	87.00261	29.10268	9.60882	61.2885	26.52621	34.76229	26.91746	4
1806.08	1809.579	1448.579	87.95843	80.92961	88.13543	89.13846	38.1215	8.042425	53.83608	38.11349	15.72258	27.77138	4
1806.085	1809.584	1448.584	87.17961	104.5457	86.5424	86.2828	39.4331	6.343981	54.22292	20.3553	33.86762	27.76964	4
1806.09	1809.589	1448.589	86.83741	109.2661	86.16479	85.56298	38.87994	6.418132	54.70193	19.92117	34.78075	27.71361	4
1806.095	1809.594	1448.594	87.23862	87.08428	87.14421	87.00261	39.39769	7.105064	53.49724	20.67396	32.82328	27.97152	4
1806.1	1809.599	1448.599	89.59866	154.2703	87.88763	85.31518	33.49633	6.536105	59.96757	29.78537	30.1822	27.43221	4
1806.105	1809.604	1448.604	89.49246	227.5414	85.90519	83.81655	30.40328	4.837318	64.7594	35.54812	29.21129	26.33489	4
1806.11	1809.609	1448.609	86.3182	112.8865	84.78417	82.03471	45.15747	3.679969	51.16256	16.14334	35.01923	28.55213	4
1806.115	1809.614	1448.614	87.03801	102.3456	87.01441	88.44224	35.3403	8.294644	56.36506	30.19878	26.16628	27.24533	4
1806.12	1809.619	1448.619	87.91123	92.52878	88.27704	90.49548	33.89469	9.512769	56.59254	25.24584	31.3467	27.18628	4
1806.125	1809.624	1448.624	86.95541	125.5718	87.58082	91.4513	24.7657	12.16166	63.07264	44.89329	18.17935	26.41038	4
1806.13	1809.629	1448.629	88.67825	158.6705	89.87007	85.82259	10.78111	17.73959	71.4793	64.82309	6.656211	28.50105	4
1806.135	1809.634	1448.634	88.46584	146.6536	89.02045	80.11127	18.82302	14.22232	66.95466	47.33433	19.62033	28.82123	4
1806.14	1809.639	1448.639	88.01743	126.463	88.46584	86.4244	24.94475	12.17875	62.87649	38.41865	24.45785	27.51169	4
1806.145	1809.644	1448.644	89.96447	81.58407	90.21228	90.33028	35.56885	9.497942	54.93321	19.76602	35.16719	27.82316	4
1806.15	1809.648	1448.648	89.65767	152.3348	89.26826	89.13846	23.66783	11.51197	64.8202	48.0011	16.8191	26.96631	4

1806.155	1809.653	1448.653	88.74905	115.1005	88.97325	88.87885	28.75897	10.96061	60.28043	39.1089	21.17153	27.26834	4
1806.16	1809.658	1448.658	86.448	88.90839	85.46858	83.17933	46.54251	3.889741	49.56774	30.1406	19.42714	28.97087	4
1806.165	1809.663	1448.663	83.94635	69.73426	82.38872	78.23503	57.96532	0.24646	41.78822	22.63367	19.15455	31.13099	4
1806.17	1809.668	1448.668	83.28553	65.02775	81.5627	79.32065	60.99257	0	39.00743	16.00314	23.00429	30.50441	4
1806.175	1809.673	1448.673	83.63954	79.69033	81.7397	79.53306	58.49031	0	41.50969	9.793384	31.7163	30.56632	4
1806.18	1809.678	1448.678	82.09371	75.77752	81.5037	80.08767	50.70822	2.893268	46.39851	27.51056	18.88796	29.257	4
1806.185	1809.683	1448.683	78.81324	59.75034	78.19963	75.39117	57.78773	0.883222	41.32905	24.2973	17.03174	30.67151	4
1806.19	1809.688	1448.688	77.65682	26.72125	77.51522	76.6656	63.18661	0	36.81339	7.72346	29.08993	31.08899	4
1806.195	1809.693	1448.693	82.08191	87.51594	79.46226	77.38541	63.6081	0	36.3919	13.12697	23.26493	29.26632	4
1806.2	1809.698	1448.698	77.45622	14.85752	77.40901	77.26741	65.51057	0	34.48943	15.91195	18.57748	30.77718	4
1806.205	1809.703	1448.703	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1806.225	1809.723	1448.723	85.86979	16.66771	85.73999	86.83741	57.97218	1.623259	40.40456	20.41267	19.99189	31.08858	4
1806.23	1809.727	1448.727	83.20293	24.67434	83.42714	83.16753	55.74452	2.146557	42.10892	26.92116	15.18776	30.70047	4
1806.235	1809.732	1448.732	81.4211	28.26688	80.79568	79.94607	63.09896	0	36.90104	25.27429	11.62675	31.24471	4
1806.24	1809.737	1448.737	83.36814	48.93095	81.14969	78.97845	68.65298	0	31.34702	11.25113	20.09589	29.17811	4
1806.245	1809.742	1448.742	85.43318	56.2135	83.79295	80.87829	60.50962	0	39.49038	13.45965	26.03073	30.83691	4
1806.25	1809.747	1448.747	93.94115	85.10699	93.29214	91.1091	38.0081	7.905614	54.08628	38.29585	15.79043	28.54294	4
1806.255	1809.752	1448.752	86.448	39.46224	85.33878	84.01715	59.51446	0.125924	40.35962	9.505959	30.85366	31.55583	4
1806.26	1809.757	1448.757	84.19415	39.30907	83.67494	83.02593	57.05247	1.284353	41.66318	25.10754	16.55564	30.82147	4
1806.265	1809.762	1448.762	82.47132	36.35706	81.6335	79.89887	61.82106	0	38.17894	11.97731	26.20163	31.42679	4
1806.27	1809.767	1448.767	84.57176	40.22809	83.23833	80.59508	62.79284	0	37.20716	14.21748	22.98968	30.99408	4
1806.275	1809.772	1448.772	83.91095	25.14778	82.86073	82.01111	64.85538	0	35.14462	14.14046	21.00415	30.84444	4
1806.28	1809.777	1448.777	83.73394	22.9477	83.52154	83.81655	59.05756	0.939028	40.00341	20.48089	19.52252	31.25422	4
1806.285	1809.782	1448.782	84.13515	40.07492	82.68372	82.16451	64.14611	0	35.85389	8.032709	27.82118	30.25898	4
1806.29	1809.787	1448.787	84.85497	72.25461	82.40052	81.10249	63.46981	0	36.53019	20.61375	15.91644	28.96437	4
1806.295	1809.792	1448.792	87.04981	125.349	83.10853	79.89887	60.12464	0	39.87536	10.19369	29.68167	26.88605	4
1806.3	1809.797	1448.797	85.24438	67.64557	83.26193	80.66588	60.56886	0	39.43114	9.796418	29.63472	30.20643	4
1806.305	1809.801	1448.801	84.58356	31.51131	83.62774	82.05831	61.96499	0	38.03501	9.918473	28.11654	31.5003	4
1806.31	1809.806	1448.806	88.90245	78.78523	87.01441	85.23257	53.77602	0.667089	45.55689	12.944	32.61289	30.22993	4
1806.315	1809.811	1448.811	86.73121	26.15035	86.448	86.03499	56.07375	2.104627	41.82162	26.14137	15.68025	30.91863	4
1806.32	1809.816	1448.816	86.448	19.91214	85.85799	84.58356	60.2217	0.527819	39.25048	27.55129	11.69919	31.96517	4
1806.325	1809.821	1448.821	86.4126	35.61906	84.99657	83.09673	62.85482	0	37.14518	6.529705	30.61547	30.85245	4
1806.33	1809.826	1448.826	87.87583	56.00463	86.6486	82.73092	55.11211	1.233191	43.6547	12.76699	30.88771	31.06793	4
1806.335	1809.831	1448.831	90.23588	59.23513	89.35086	85.77539	49.50698	3.491333	47.00168	33.30986	13.69183	30.19828	4
1806.34	1809.836	1448.836	90.05887	46.95366	89.24466	87.93483	52.09323	2.877509	45.02926	19.65581	25.37346	30.30944	4
1806.345	1809.841	1448.841	89.15026	29.88213	88.58384	87.16781	55.13998	2.33083	42.52919	20.56007	21.96912	31.00343	4
1806.35	1809.846	1448.846	89.02045	27.94662	88.40684	86.3064	56.0936	1.966095	41.94031	31.20713	10.73317	31.32507	4
1806.355	1809.851	1448.851	88.83165	22.55781	88.20624	87.30942	57.66284	1.481849	40.85531	28.51447	12.34084	31.46331	4
1806.36	1809.856	1448.856	91.02649	23.88064	90.40108	89.06765	55.32346	2.49433	42.18221	24.50705	17.67516	31.17894	4
1806.365	1809.861	1448.861	91.1563	25.06423	90.17688	88.61924	57.66117	1.143245	41.19559	14.88837	26.30722	31.69117	4
1806.37	1809.866	1448.866	93.07974	50.12846	91.72271	91.0737	52.75252	1.870593	45.37689	18.06382	27.31306	30.4691	4
1806.375	1809.871	1448.871	94.69637	35.53551	93.65795	92.10032	52.32751	2.999776	44.67271	18.5837	26.08901	30.75847	4
1806.38	1809.876	1448.876	97.76443	54.83497	95.959	94.02376	50.7788	1.376457	47.84475	29.47008	18.37466	30.68786	4
1806.385	1809.88	1448.88	99.03886	50.90824	97.61103	96.53721	47.63013	3.74609	48.62378	28.24917	20.37461	30.04333	4
1806.39	1809.885	1448.885	98.68485	26.98582	98.28364	96.61981	45.78873	8.241962	45.96931	33.98395	11.98536	29.77951	4
1806.395	1809.89	1448.89	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1806.415	1810.715	1449.715	124.8342	57.92622	125.6248	123.7722	5.007125	77.60231	17.39056	8.306309	9.084254	-9999	4
1806.42	1810.719	1449.719	121.4003	57.66165	121.2941	121.7307	15.18065	46.57642	38.24292	14.19101	24.05192	23.79021	4
1806.425	1810.724	1449.724	120.7277	81.11063	119.6657	120.0905	17.53241	28.65452	53.81307	37.88473	15.92834	26.03624	4
1806.43	1810.729	1449.729	118.3559	86.16525	116.5504	116.8454	24.25276	13.70566	62.04158	31.80993	30.23165	27.78279	4
1806.435	1810.733	1449.733	116.5386	63.12009	115.9604	116.9162	21.99055	28.78064	49.22881	27.11944	22.10937	25.94298	4
1806.44	1810.738	1449.738	118.9341	115.6296	117.4826	116.2436	13.84686	21.88973	64.2634	53.83163	10.43177	27.56209	4
1806.445	1810.742	1449.742	113.2228	59.62502	113.1755	112.1843	21.77162	30.47461	47.75377	27.9657	19.78807	26.2606	4
1806.45	1810.747	1449.747	110.5913	51.38167	110.6031	111.0633	25.73019	26.35299	47.91682	22.00578	25.91104	26.48093	4
1806.455	1810.752	1449.752	110.3671	42.10791	110.4025	110.5559	27.99781	25.65301	46.34918	18.38526	27.96392	26.63805	4
1806.46	1810.756	1449.756	110.6503	69.80388	109.7417	108.9629	28.35098	17.24437	54.40464	39.8985	14.50615	27.64635	4
1806.465	1810.761	1449.761	113.3762	98.85054	112.5973	110.0721	17.80793	23.8578	58.33427	30.90443	27.42984	27.43163	4
1806.47	1810.766	1449.766	108.6325	66.71263	108.6207	108.6561	24.00514	24.25878	51.73608	36.13706	15.59902	26.82124	4
1806.475	1810.77	1449.77	107.2872	77.75481	107.2518	108.0542	22.75344	22.96747	54.27909	34.62084	19.65825	26.83415	4
1806.48	1810.775	1449.775	105.411	69.9292	105.1986	108.125	27.74516	18.56557	53.68928	23.87722	29.81206	26.83475	4
1806.485	1810.779	1449.779	106.3432	85.32978	105.4464	104.7266	28.46478	14.41981	57.11541	41.63849	15.47692	27.84234	4
1806.49	1810.784	1449.784	108.1014	129.415	107.1456	100.4195	16.63585	18.35111	65.01305	52.6183	12.39475	28.82943	4
1806.495	1810.789	1449.789	108.5145	102.9583	108.1958	107.5704	17.72	23.36919	58.91081	37.51262	21.39819	27.20596	4
1806.5	1810.793	1449.793	106.827	68.49497	106.6854	108.3256	26.24078	20.74407	53.01515	36.04954	16.96561	26.86676	4
1806.505	1810.798	1449.798	107.83	80.33086	107.4996	107.4288	23.91695	20.90333	55.17972	26.2109	28.96882	27.15465	4
1806.51	1810.803	1449.803	106.5084	67.17214	106.001	104.2428	29.68903	16.87868	53.43228	29.17434	24.25794	27.8862	4
1806.515	1810.807	1449.807	105.765	69.63679	105.3992	104.9862	28.67911	17.56181	53.75908	30.14791	23.61117	27.55022	4
1806.52	1810.812	1449.812	108.4437	64.76319	108.0778	107.712	27.39416	20.2226	52.38324	25.92694	26.4563	27.28189	4
1806.525	1810.816	1449.816	108.5499	59.444	107.8772	106.8742	30.96144	16.8678	52.17076	20.65316	31.5176	27.80243	4
1806.53	1810.821	1449.821	112.0899	67.19999	111.8303	111.4055	22.62681	26.46072	50.91246	23.88903	27.02343	26.61415	4
1806.535	1810.826	1449.826	112.1371	73.17363	111.6651	111.0397	22.7839	24.32813	52.88797	28.81752	24.07045	26.8729	4
1806.54	1810.83	1449.83	119.3471	87.08428	118.4857	117.5652	15.80228	30.40455	53.79316	27.89892	25.89424	26.25839	4
1806.545	1810.835	1449.835	120.6097	56.75656	120.6687	121.2587	14.84673	47.70094	37.45233	22.78677	14.66556	23.71592	4

1806.55	1810.84	1449.84	119.9135	71.37736	119.6657	119.3707	14.32676	41.28314	44.3901	37.98791	6.402195	24.82377	4
1806.555	1810.844	1449.844	119.7011	69.63679	119.9843	118.5329	10.82806	50.39184	38.7801	30.95284	7.827259	24.20856	4
1806.56	1810.849	1449.849	120.0551	176.9395	118.6391	115.7834	0	27.91324	72.08676	72.08676	0	-9999	4
1806.565	1810.853	1449.853	121.9549	559.5172	115.1816	103.6174	0	0	100	100	0	-9999	4
1806.57	1810.858	1449.858	121.7543	868.5731	108.7741	101.1157	0	0	100	100	0	-9999	4
1806.575	1810.863	1449.863	106.827	379.0686	101.9535	96.57261	0	1.609217	98.39078	98.39078	0	-9999	4
1806.58	1810.867	1449.867	102.0833	240.8116	98.85005	91.2861	12.86476	5.778896	81.35634	55.37391	25.98243	29.52867	4
1806.585	1810.872	1449.872	99.33386	159.9794	98.22464	92.67853	18.4943	13.20218	68.30352	42.7396	25.56392	28.51845	4
1806.59	1810.877	1449.877	100.7499	127.5352	101.1393	102.6497	13.42868	22.18786	64.38346	38.96152	25.42194	27.21404	4
1806.595	1810.881	1449.881	103.7472	99.75564	102.7323	101.4697	28.27661	12.44125	59.28213	30.51619	28.76594	27.99584	4
1806.6	1810.886	1449.886	102.9447	73.61921	102.4373	101.1157	31.40742	13.9934	54.59918	23.57409	31.0251	28.03576	4
1806.605	1810.89	1449.89	105.3402	169.0722	103.6764	103.5466	15.06628	12.85611	72.07761	58.92709	13.15052	28.02087	4
1806.61	1810.895	1449.895	102.8857	70.68113	102.6143	103.4757	30.34368	15.56637	54.08995	25.21056	28.87939	27.49263	4
1806.615	1810.9	1449.9	101.8001	86.12348	101.3753	100.7027	28.79428	14.49199	56.71373	39.00679	17.70694	27.74887	4
1806.62	1810.904	1449.904	100.6201	108.6952	101.0095	103.523	18.10736	20.77656	61.11607	49.74055	11.37552	26.85665	4
1806.625	1810.909	1449.909	99.29846	119.264	98.63765	95.26278	24.90484	13.25723	61.83793	37.61761	24.22032	28.10613	4
1806.63	1810.914	1449.914	99.02706	94.43645	97.85883	91.74631	35.09522	8.258002	56.64678	23.34375	33.30303	29.23287	4
1806.635	1810.918	1449.918	97.17442	83.00438	96.92662	95.06218	32.43296	11.86699	55.70004	30.09144	25.6086	28.13804	4
1806.64	1810.923	1449.923	97.69363	78.92448	97.23342	98.48425	34.58876	10.70003	54.71121	25.73926	28.97195	27.75638	4
1806.645	1810.927	1449.927	98.18924	58.58068	98.15384	97.92964	35.76373	12.27322	51.96305	20.17745	31.7856	28.14096	4
1806.65	1810.932	1449.932	98.69665	68.85701	98.14204	99.45187	36.83392	10.12081	53.04526	30.92495	22.12031	27.99991	4
1806.655	1810.937	1449.937	99.03886	71.69762	98.85005	101.5287	32.99666	12.87638	54.12696	24.66703	29.45993	27.37167	4
1806.66	1810.941	1449.941	101.2337	88.42103	101.1865	101.5523	25.83291	16.88529	57.2818	26.929	30.35279	27.35949	4
1806.665	1810.946	1449.946	99.05066	115.6993	98.93266	100.9859	21.78869	16.3124	61.89891	40.56887	21.33004	27.01318	4
1806.67	1810.951	1449.951	100.5375	78.70168	99.95928	99.90028	32.94084	11.92373	55.13542	26.41711	28.71832	27.93148	4
1806.675	1810.955	1449.955	107.9362	161.2744	106.65	106.0954	11.63851	17.19203	71.16946	51.36552	19.80394	28.14419	4
1806.68	1810.96	1449.96	100.7617	82.29422	100.2189	101.0331	31.59083	12.57454	55.83463	26.14134	29.6933	27.66594	4
1806.685	1810.964	1449.964	99.90028	83.68668	99.35747	96.79681	32.04636	12.03535	55.91829	34.72167	21.19662	28.31001	4
1806.69	1810.969	1449.969	96.018	81.40305	95.40438	95.12118	36.7194	8.958936	54.32166	37.90193	16.41973	28.17021	4
1806.695	1810.974	1449.974	94.67277	73.54959	94.05916	92.79653	39.85755	7.683088	52.45936	23.69658	28.76278	28.63934	4
1806.7	1810.978	1449.978	95.36898	59.66679	94.54297	90.94389	44.2228	6.018405	49.75879	34.66997	15.08882	29.70681	4
1806.705	1810.983	1449.983	94.95597	106.0078	93.36294	92.12392	39.33263	5.119945	55.54743	24.14422	31.40321	28.4311	4
1806.71	1810.988	1449.988	92.33632	73.00653	91.76991	90.64889	41.77269	6.677464	51.54984	20.76141	30.78843	28.71805	4
1806.715	1810.992	1449.992	94.12996	99.74171	93.28034	93.64615	35.84748	8.008335	56.14418	20.99309	35.15109	27.80671	4
1806.72	1810.997	1449.997	93.00893	106.6622	92.08852	90.63709	35.75277	7.644543	56.60269	21.5233	35.07939	28.02815	4
1806.725	1811.001	1450.001	94.99138	104.0862	95.08578	94.03556	26.68746	13.62282	59.68972	37.22439	22.46533	27.62343	4
1806.73	1811.006	1450.006	99.23946	203.257	98.73205	96.70241	3.443935	19.86492	76.69115	76.69115	0	-9999	4
1806.735	1811.011	1450.011	106.5556	369.9898	101.9535	96.58441	0	3.23655	96.76345	96.76345	0	-9999	4
1806.74	1811.015	1450.015	126.7812	642.5494	125.6838	130.1443	0	76.7011	23.2989	23.2989	0	-9999	4
1806.745	1811.02	1450.02	131.7727	511.8116	131.1119	129.3773	0	93.53128	6.468717	6.468717	0	-9999	4
1806.75	1811.025	1450.025	111.6651	601.6947	104.1956	99.79407	0	0	100	100	0	-9999	4
1806.755	1811.029	1450.029	107.004	478.0306	102.5553	93.13874	0	11.4007	88.5993	88.5993	0	-9999	4
1806.76	1811.034	1450.034	110.4025	667.182	100.9033	92.99713	0	0	100	100	0	-9999	4
1806.765	1811.038	1450.038	107.9716	492.3172	101.3517	93.16234	0	0	100	100	0	-9999	4
1806.77	1811.043	1450.043	91.76991	196.4618	90.75509	89.12666	15.89279	12.79271	71.3145	58.78111	12.5334	27.3094	4
1806.775	1811.048	1450.048	89.51606	256.7273	87.01441	86.2828	14.905	10.56494	74.53005	43.32109	31.20897	26.38942	4
1806.78	1811.052	1450.052	87.47462	165.1454	86.6486	88.71365	25.95979	9.879881	64.16033	31.88755	32.27279	26.22746	4
1806.785	1811.057	1450.057	86.74301	116.9246	86.77841	87.87583	31.62632	9.348499	59.02518	37.48062	21.54457	26.98153	4
1806.79	1811.062	1450.062	87.72243	83.56136	87.08521	85.72819	44.01192	5.128024	50.86006	27.58089	23.27917	28.65677	4
1806.795	1811.066	1450.066	92.32452	81.02709	92.23012	91.2153	36.1845	9.367868	54.44763	30.20134	24.24629	28.12981	4
1806.8	1811.071	1450.071	89.32726	97.06819	90.02347	89.51606	28.93276	12.00137	59.06587	36.92787	22.138	27.52868	4
1806.805	1811.075	1450.075	85.44498	138.9812	86.18839	86.2238	21.99571	12.61855	65.38574	40.23677	25.14897	27.00684	4
1806.81	1811.08	1450.08	79.45046	148.0321	80.26467	79.55666	24.77163	10.49874	64.72963	34.78238	29.94726	26.6796	4
1806.815	1811.085	1450.085	77.40901	119.5146	78.09343	78.37663	34.55696	7.451692	57.99134	27.11745	30.8739	26.7542	4
1806.82	1811.089	1450.089	74.71856	105.5065	74.84836	72.96032	44.72039	4.487382	50.79223	30.11236	20.67987	27.73233	4
1806.825	1811.094	1450.094	75.06077	157.292	75.15517	67.131	32.14782	8.005809	59.84637	29.55872	30.28765	27.41026	4
1806.83	1811.099	1450.099	74.78936	134.7202	74.91916	68.73584	37.58552	6.478339	55.93614	37.05055	18.88559	27.56344	4
1806.835	1811.103	1450.103	74.05775	104.0305	73.23173	67.75642	53.09313	2.464263	44.44261	13.62442	30.81818	29.22255	4
1806.84	1811.108	1450.108	77.27921	110.4497	77.24381	76.15819	42.44865	5.191745	52.3596	19.50977	32.84984	27.46825	4
1806.845	1811.112	1450.112	76.15819	96.67831	77.20841	78.63624	38.3991	6.252612	55.34829	23.34687	32.00142	27.02901	4
1806.85	1811.117	1450.117	74.91916	103.1254	74.09315	69.56185	52.51966	2.554667	44.92567	23.7928	21.13288	29.05466	4
1806.855	1811.122	1450.122	74.80116	95.77321	73.27893	69.14884	59.80311	0.768527	39.42837	25.44325	13.98512	30.2176	4
1806.86	1811.126	1450.126	74.61236	77.351	73.78634	72.53551	59.03932	0.760188	40.20049	11.34983	28.85066	29.94454	4
1806.865	1811.131	1450.131	78.84864	127.6883	78.81324	76.98421	36.83303	6.823628	56.34334	36.36812	19.97522	27.09906	4
1806.87	1811.136	1450.136	82.89613	120.0159	82.05831	81.5037	41.1848	5.423289	53.39191	30.71121	22.6807	27.44167	4
1806.875	1811.14	1450.14	78.76604	93.92124	76.9252	73.97514	59.07279	0.458512	40.46869	10.57107	29.89762	30.22944	4
1806.88	1811.145	1450.145	76.524	104.0723	75.66258	74.83656	51.08843	2.847348	46.06423	28.91738	17.14685	28.28561	4
1806.885	1811.149	1450.149	80.13487	89.57677	80.06407	79.62746	45.14705	4.57416	50.27879	24.38102	25.89777	28.10123	4
1806.89	1811.154	1450.154	82.02291	139.4546	81.25589	78.38843	36.73528	6.696626	56.56809	37.88025	18.68784	27.25627	4
1806.895	1811.159	1450.159	78.88404	110.575	78.19963	77.29101	45.97173	4.168644	49.85963	30.12764	19.73199	27.79504	4
1806.9	1811.163	1450.163	77.07861	71.07102	77.53882	77.25561	48.32187	3.561152	48.11698	27.94866	20.16831	28.57936	4
1806.905	1811.168	1450.168	83.68674	129.5681	83.27373	78.35303	34.85352	7.523376	57.6231	31.0686	26.5545	27.83931	4
1806.91	1811.173	1450.173	85.42138	145.5118	87.03801	87.88763	13.66957	16.09047	70.23995	42.3405	27.89945	27.41648	4

1806.915	1811.177	1450.177	85.30338	114.3207	85.86979	86.08219	29.46558	10.27717	60.25725	36.29252	23.96473	27.11226	4
1806.92	1811.182	1450.182	88.91425	103.3621	89.40986	90.36568	29.34428	11.34252	59.3132	32.17158	27.14162	27.19355	4
1806.925	1811.186	1450.186	89.29186	119.5425	90.82589	92.99713	17.03347	17.0277	65.93883	40.969	24.96983	27.14003	4
1806.93	1811.191	1450.191	84.67796	129.9302	86.4716	84.04075	16.75248	15.12844	68.11908	46.39156	21.72752	27.92993	4
1806.935	1811.196	1450.196	88.89065	98.01507	89.57506	90.36568	29.19675	11.72711	59.07614	40.62289	18.45325	27.27591	4
1806.94	1811.2	1450.2	88.66645	223.8514	90.66069	93.19774	0	25.48937	74.51063	74.51063	0	-9999	4
1806.945	1811.205	1450.205	85.68098	198.4669	90.01167	92.51332	0	30.34378	69.65622	69.65622	0	-9999	4
1806.95	1811.21	1450.21	88.39504	155.2451	91.4395	94.57837	0	25.15352	74.84648	74.84648	0	-9999	4
1806.955	1811.214	1450.214	90.16508	156.7489	90.35388	91.5103	17.65166	14.44395	67.90439	38.28145	29.62294	26.96027	4
1806.96	1811.219	1450.219	89.33906	155.7463	89.25646	89.70487	20.75761	12.80846	66.43393	38.38578	28.04815	26.90402	4
1806.965	1811.223	1450.223	90.02347	115.0448	89.66947	91.1917	32.08112	9.308996	58.60989	22.48629	36.1236	27.0682	4
1806.97	1811.228	1450.228	91.65191	167.9443	90.99109	91.06189	20.15904	12.34694	67.49403	36.12008	31.37394	26.98526	4
1806.975	1811.233	1450.233	88.30064	99.68601	88.90245	91.00289	29.97535	11.13503	58.88962	29.40388	29.48573	27.01709	4
1806.98	1811.237	1450.237	92.41892	182.1752	94.03556	96.56081	0	24.5422	75.4578	75.4578	0	-9999	4
1806.985	1811.242	1450.242	98.02404	292.3046	101.7883	107.3226	0	53.69417	46.30583	46.30583	0	-9999	4
1806.99	1811.247	1450.247	97.13902	346.7219	98.89726	100.7027	0	41.94768	58.05232	58.05232	0	-9999	4
1806.995	1811.251	1450.251	94.62557	284.2423	97.92964	97.09182	0	43.73279	56.26721	56.26721	0	-9999	4
1807	1811.256	1450.256	91.64011	220.3285	92.12392	86.2474	0	20.98911	79.01089	79.01089	0	-9999	4
1807.005	1811.26	1450.26	94.44856	199.8037	93.15054	92.52512	14.81453	12.71814	72.46732	56.04647	16.42085	27.35035	4
1807.01	1811.265	1450.265	92.94993	173.528	91.4277	90.30668	24.28957	9.42197	66.28846	34.10852	32.17994	27.12748	4
1807.015	1811.27	1450.27	99.49907	190.5717	98.50785	97.23342	10.02446	16.09732	73.87822	62.90353	10.97469	28.13725	4
1807.02	1811.274	1450.274	93.35114	155.6628	93.43374	93.03254	15.80639	15.89699	68.29662	46.71549	21.58114	27.44583	4
1807.025	1811.279	1450.279	94.89697	200.3746	93.90575	93.55175	11.88609	14.44992	73.66399	52.64834	21.01565	27.5507	4
1807.03	1811.284	1450.284	93.09154	117.6348	92.85553	94.29516	27.71721	11.62681	60.65598	32.46708	28.18891	27.07014	4
1807.035	1811.288	1450.288	95.16838	132.7429	94.38956	92.31272	26.35712	11.09394	62.54894	34.76288	27.78606	27.70208	4
1807.04	1811.293	1450.293	100.5257	346.2623	98.66125	100.2189	0	21.51153	78.48847	78.48847	0	-9999	4
1807.045	1811.297	1450.297	104.7502	156.8742	103.6646	102.7087	14.07985	16.42142	69.49873	58.44203	11.0567	27.98154	4
1807.05	1811.302	1450.302	98.85005	126.087	98.57865	98.03584	20.64829	15.87181	63.4799	36.56917	26.91073	27.50043	4
1807.055	1811.307	1450.307	101.8473	128.5934	100.5847	100.2189	24.96621	11.39663	63.63716	43.54748	20.08967	27.71505	4
1807.06	1811.311	1450.311	106.827	167.4569	103.6882	98.68485	25.52077	0.936211	73.54302	45.61796	27.92506	29.53678	4
1807.065	1811.316	1450.316	106.2134	150.0512	104.1602	101.5051	21.8839	8.695566	69.42053	48.75112	20.66941	28.55086	4
1807.07	1811.321	1450.321	105.4346	79.03587	104.8446	103.8888	28.44609	15.89756	55.65635	37.85983	17.79652	27.75824	4
1807.075	1811.325	1450.325	104.2546	85.42725	104.4198	104.998	22.13208	21.56277	56.30515	39.99584	16.30931	27.03054	4
1807.08	1811.33	1450.33	109.7653	107.7483	111.0161	112.3967	3.246945	43.10507	53.64799	53.64799	0	-9999	4
1807.085	1811.334	1450.334	103.936	327.3806	99.33386	96.2776	0.81904	2.046974	97.13399	97.13399	0	-9999	4
1807.09	1811.339	1450.339	112.7507	312.7737	110.8155	106.5792	0	23.59471	76.40529	76.40529	0	-9999	4
1807.095	1811.344	1450.344	107.5114	211.1801	105.5998	98.05944	4.799111	14.53391	80.66698	80.66698	0	-9999	4
1807.1	1811.348	1450.348	108.9157	124.0401	108.6561	107.594	11.79183	25.90571	62.30246	41.58013	20.72233	27.46185	4
1807.105	1811.353	1450.353	112.6681	120.9071	113.0693	115.0046	3.976439	39.47523	56.54833	56.54833	0	-9999	4
1807.11	1811.358	1450.358	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1807.41	1811.635	1450.635	96.44281	100.4379	95.51059	96.3956	34.19134	8.741998	57.06667	32.90594	24.16073	27.70013	4
1807.415	1811.64	1450.64	91.73451	111.508	90.41288	88.51304	38.86193	5.740928	55.39714	36.90168	18.49546	28.2192	4
1807.42	1811.644	1450.644	88.57204	116.0195	87.86403	88.58384	35.9241	7.380514	56.69538	35.97052	20.72486	27.29137	4
1807.425	1811.649	1450.649	86.33	115.56	85.23257	82.69552	41.1159	5.268796	53.6153	20.88796	32.72734	28.09281	4
1807.43	1811.654	1450.654	85.44498	102.0114	84.44196	77.46802	44.47727	4.41227	51.11046	28.53531	22.57516	29.34347	4
1807.435	1811.658	1450.658	84.01715	72.29638	82.40052	78.47104	57.73741	0.264993	41.9976	17.73649	24.26111	30.99352	4
1807.44	1811.663	1450.663	85.63378	89.99451	84.33576	81.7751	49.49795	2.72847	47.77358	15.82193	31.95165	29.29564	4
1807.445	1811.667	1450.667	83.33274	80.35871	81.6335	79.27345	57.05615	0.470238	42.47362	10.50379	31.96983	30.3916	4
1807.45	1811.672	1450.672	85.20897	98.16824	83.86375	81.7751	48.27654	3.038723	48.68473	17.40729	31.27744	28.89867	4
1807.455	1811.677	1450.677	85.48038	123.497	84.44196	81.3857	39.51953	5.761463	54.719	21.6334	33.08561	27.90362	4
1807.46	1811.681	1450.681	84.66616	160.7453	84.27676	83.99355	26.22469	10.0412	63.73412	28.33097	35.40314	26.55332	4
1807.465	1811.686	1450.686	82.36512	112.3852	82.87253	83.99355	33.09444	8.532677	58.37288	30.50143	27.87146	26.89833	4
1807.47	1811.691	1450.691	81.4919	68.36965	80.99629	77.58602	52.32298	2.470029	45.20699	21.48257	23.72442	29.9193	4
1807.475	1811.695	1450.695	83.12033	53.55391	83.07313	81.7043	50.93506	3.262441	45.8025	14.2148	31.5877	29.68427	4
1807.48	1811.7	1450.7	85.07917	48.80563	84.83137	83.09673	51.83669	3.085544	45.07777	24.53848	20.53929	30.04665	4
1807.485	1811.704	1450.704	83.32094	68.00761	83.03773	83.41534	49.08174	3.622627	47.29563	14.83923	32.4564	28.89781	4
1807.49	1811.709	1450.709	84.71336	118.1639	83.72214	84.34756	41.14999	5.339664	53.51034	18.0909	35.41944	27.36416	4
1807.495	1811.714	1450.714	84.31216	86.12348	83.85195	83.16753	45.15756	4.662566	50.17988	34.44135	15.73853	28.42155	4
1807.5	1811.718	1450.718	81.4801	71.02924	81.33849	80.07587	48.94666	3.586318	47.46703	33.06168	14.40535	29.03919	4
1807.505	1811.723	1450.723	82.87253	64.87458	82.27071	81.91671	52.72167	2.353632	44.9247	21.31915	23.60555	29.55251	1
1807.51	1811.728	1450.728	84.93757	73.68884	83.56874	81.3621	54.63316	1.256151	44.11069	30.2938	13.8169	30.18687	1
1807.515	1811.732	1450.732	85.00837	89.96666	83.96995	82.56572	48.06813	3.371619	48.56025	21.17781	27.38243	28.85827	1
1807.52	1811.737	1450.737	84.59536	125.6414	84.94937	80.80748	29.02349	9.988615	60.9879	36.30281	24.68509	27.73107	1
1807.525	1811.741	1450.741	83.48614	150.9702	84.41836	72.71252	19.43326	12.96674	67.6	41.70725	25.89275	29.11319	1
1807.53	1811.746	1450.746	84.89037	115.4765	85.40958	78.68344	29.93167	9.984126	60.0842	33.34719	26.73702	28.36026	1
1807.535	1811.751	1450.751	86.14119	117.3284	85.92879	83.14393	34.00275	8.254958	57.74229	27.0928	30.64949	27.71888	1
1807.54	1811.755	1450.755	82.28251	121.1159	81.4447	79.07285	41.48312	5.336733	53.18015	21.59327	31.58688	27.73367	1
1807.545	1811.76	1450.76	82.05831	122.8147	80.19387	78.06983	49.23459	2.728204	48.03721	29.01944	19.01777	28.35474	1
1807.55	1811.765	1450.765	84.90217	113.6245	83.67494	80.76028	43.90387	4.369175	51.72696	17.78254	33.94441	28.32501	1
1807.555	1811.769	1450.769	83.61594	163.1264	84.00535	79.58026	20.57884	12.17275	67.24841	48.79899	18.44942	27.50732	1
1807.56	1811.774	1450.774	81.3621	92.61233	80.15847	76.07559	52.06278	2.248061	45.68916	21.84479	23.84437	29.56626	1
1807.565	1811.778	1450.778	81.05529	54.59825	80.71308	79.26165	54.86846	1.810892	43.32065	27.20558	16.11507	30.15325	1
1807.57	1811.783	1450.783	83.92275	73.56352	83.46254	81.86951	48.55532	3.682701	47.76197	28.56215	19.19983	29.13998	1

1807.575	1811.788	1450.788	81.83411	54.73749	81.23229	79.04925	56.1302	1.367087	42.50272	28.91835	13.58436	30.53525	1
1807.58	1811.792	1450.792	80.55968	44.60041	80.18207	78.61264	58.01826	0.896503	41.08524	23.72301	17.36223	30.85226	1
1807.585	1811.797	1450.797	81.00809	50.96393	80.66588	79.16725	55.79139	1.551136	42.65747	18.36651	24.29096	30.37141	1
1807.59	1811.802	1450.802	80.94909	70.75075	81.13789	81.06709	46.94193	4.258859	48.79921	23.85613	24.94308	28.57512	1
1807.595	1811.806	1450.806	80.72488	66.08602	80.52428	79.43866	51.29497	2.848956	45.85607	29.99031	15.86576	29.34682	1
1807.6	1811.811	1450.811	81.26769	70.23554	80.37088	78.61264	55.18706	1.496095	43.31684	26.2227	17.09415	29.99366	1
1807.605	1811.815	1450.815	79.43866	74.19012	79.27345	79.86346	50.24275	3.08356	46.67369	29.65508	17.0186	28.68695	1
1807.61	1811.82	1450.82	81.4093	152.6969	82.17631	84.15875	22.20643	11.55689	66.23668	43.03479	23.20189	26.30828	1
1807.615	1811.825	1450.825	78.75424	115.2537	80.20567	75.62718	28.40612	9.583138	62.01074	29.59758	32.41316	27.81852	1
1807.62	1811.829	1450.829	76.21719	122.4945	76.29979	75.42657	39.59636	5.953152	54.45049	28.48265	25.96784	26.9741	1
1807.625	1811.834	1450.834	75.39117	129.5681	74.42355	71.9927	46.78368	4.155905	49.06041	16.68563	32.37478	27.51873	1
1807.63	1811.839	1450.839	75.22597	82.73981	75.06077	73.63294	52.0494	2.506702	45.4439	24.05278	21.39112	28.87181	1
1807.635	1811.843	1450.843	73.96334	91.2895	73.60934	70.50587	52.60522	2.437326	44.95745	13.36628	31.59117	28.98994	1
1807.64	1811.848	1450.848	70.83628	90.76036	70.87168	68.55883	52.59226	2.39508	45.01266	17.84652	27.16614	28.66305	1
1807.645	1811.852	1450.852	72.53551	117.6209	74.02234	71.49709	33.28014	7.188774	59.53108	42.3894	17.14169	27.1061	1
1807.65	1811.857	1450.857	73.90434	116.2423	74.11675	75.83958	42.23123	5.151928	52.61684	24.29293	28.32392	26.62601	1
1807.655	1811.862	1450.862	73.44413	93.90732	73.43233	76.6184	49.79728	3.116754	47.08597	21.70909	25.37687	27.41799	1
1807.66	1811.866	1450.866	72.0163	96.41374	71.7567	69.60905	52.42482	2.542918	45.03226	21.38576	23.64651	28.55536	1
1807.665	1811.871	1450.871	72.46471	86.63869	72.42931	71.60329	52.64026	2.357245	45.0025	18.95502	26.04747	28.58516	1
1807.67	1811.876	1450.876	76.25259	136.1266	74.83656	68.98364	47.8792	3.870836	48.24996	16.27069	31.97927	28.17227	1
1807.675	1811.88	1450.88	72.81872	150.3436	69.63265	63.52013	61.31563	1.645414	37.03895	24.60864	12.43031	29.42214	1
1807.68	1811.885	1450.885	78.15243	207.9217	74.11675	68.35823	49.05925	3.757515	47.18323	19.32883	27.85441	26.91435	1
1807.685	1811.889	1450.889	78.86044	187.4804	78.45924	78.40023	25.18749	10.00669	64.80583	33.50516	31.30067	25.76818	1
1807.69	1811.894	1450.894	76.5358	142.3648	77.63322	67.1074	26.62975	9.588686	63.78156	31.87754	31.90402	28.3968	1
1807.695	1811.899	1450.899	77.71582	130.2922	76.99601	74.76576	42.54929	5.156201	52.29451	22.00217	30.29234	27.30828	1
1807.7	1811.903	1450.903	73.62114	85.26016	72.54731	70.35247	59.95772	0.692447	39.34983	20.44945	18.90039	30.02475	1
1807.705	1811.908	1450.908	75.68618	88.93624	75.91038	75.46197	47.10856	3.827242	49.0642	22.33016	26.73404	28.05469	1
1807.71	1811.913	1450.913	76.99601	84.04872	76.6066	74.30555	51.8418	2.573642	45.58456	16.6463	28.93827	29.08473	1
1807.715	1811.917	1450.917	75.13157	64.55432	74.81296	74.03414	57.72601	0.958252	41.31573	14.9178	26.39794	29.94177	1
1807.72	1811.922	1450.922	74.97816	104.9774	75.19057	74.88376	43.96944	4.68419	51.34637	23.20389	28.14249	27.40511	1
1807.725	1811.926	1450.926	75.28497	155.6349	77.09041	80.42988	19.08203	11.50794	69.41003	48.0075	21.40253	26.07141	1
1807.73	1811.931	1450.931	74.02234	137.7836	75.67438	76.37059	25.75254	9.441343	64.80612	35.76391	29.04221	26.37296	1
1807.735	1811.936	1450.936	72.22871	135.6393	71.8039	66.50559	44.01716	4.957772	51.02507	29.20119	21.82388	27.49583	1
1807.74	1811.94	1450.94	74.17575	73.67491	73.78634	75.07257	56.9469	1.228906	41.8242	28.76198	13.06222	29.1817	1
1807.745	1811.945	1450.945	76.01659	82.53094	75.80418	76.28799	51.73839	2.595046	45.66657	29.22754	16.43903	28.53025	1
1807.75	1811.95	1450.95	73.93974	94.85419	74.18755	73.49133	47.10023	3.783911	49.11586	33.87583	15.24002	27.88138	1
1807.755	1811.954	1450.954	70.89528	69.37222	70.94248	71.27289	57.62246	0.982788	41.39475	26.38507	15.00968	29.35795	1
1807.76	1811.959	1450.959	69.01904	64.23405	69.32585	69.90406	58.58009	0.629954	40.78995	24.75951	16.03044	29.47039	1
1807.765	1811.963	1450.963	67.52041	78.68776	66.9894	64.70015	62.95412	0.176787	36.86909	26.8394	10.0297	30.30332	1
1807.77	1811.968	1450.968	64.01574	101.5519	61.85629	61.19548	73.26565	0	26.73435	5.04973	21.68462	30.75196	1
1807.775	1811.973	1450.973	69.99846	77.65734	68.98364	67.0602	64.6732	0	35.3268	16.53632	18.79048	30.45592	1
1807.78	1811.977	1450.977	72.88952	93.08577	72.09891	71.50889	56.54216	1.589901	41.86794	23.7244	18.14354	28.95172	1
1807.785	1811.982	1450.982	76.45319	67.38101	77.33821	78.89584	46.49797	4.025943	49.47609	18.25337	31.22272	28.10067	1
1807.79	1811.987	1450.987	77.96363	119.1804	77.53882	75.59178	42.72407	5.109431	52.1665	33.12566	19.04084	27.50314	1
1807.795	1811.991	1450.991	76.35879	133.843	77.53882	77.42081	28.21472	9.125816	62.65947	29.70881	32.95065	26.57327	1
1807.8	1811.996	1450.996	73.36153	122.8704	73.51493	72.20511	41.58387	5.350195	53.06593	24.27154	28.79439	26.9772	1
1807.805	1812	1451	71.47349	107.3863	72.19331	74.86016	42.67834	4.796773	52.52489	29.25115	23.27374	26.54175	1
1807.81	1812.005	1451.005	71.43809	124.0958	71.8983	76.8426	40.67915	5.478134	53.84271	31.40268	22.44004	25.6493	1
1807.815	1812.01	1451.01	70.80088	152.2095	70.82448	67.29621	37.84559	6.516651	55.63776	22.88992	32.74784	26.45288	1
1807.82	1812.014	1451.014	69.55005	148.8258	67.75642	65.04236	53.89879	3.446313	42.6549	14.87484	27.78007	27.42699	1
1807.825	1812.019	1451.019	67.43781	129.0947	64.84176	59.56705	66.83571	1.012532	32.15176	17.90573	14.24603	30.35256	1
1807.83	1812.024	1451.024	69.84506	114.5296	68.08682	61.52589	61.65271	1.200987	37.1463	20.89666	16.24965	30.15554	1
1807.835	1812.028	1451.028	70.16367	102.1924	70.85988	68.26383	45.3232	4.057	50.6198	25.4523	25.1675	27.7262	1
1807.84	1812.033	1451.033	72.27591	127.5491	71.8747	71.10768	45.74865	4.460044	49.79131	19.4987	30.29261	26.96264	1
1807.845	1812.037	1451.037	71.9809	166.8164	71.7449	71.7921	35.23704	7.32708	57.43588	31.11832	26.31756	25.50453	1
1807.85	1812.042	1451.042	72.0045	118.5817	71.54429	70.09286	48.62572	3.70582	47.66846	23.72953	23.93893	27.51583	1
1807.855	1812.047	1451.047	72.92492	181.4929	71.50889	71.8511	39.96202	6.521921	53.51606	34.08739	19.42867	25.26549	1
1807.86	1812.051	1451.051	67.41421	64.91636	66.74159	66.31679	67.48193	0	32.51807	10.58466	21.93341	29.87356	1
1807.865	1812.056	1451.056	65.78578	71.86472	65.47897	65.70317	64.46357	0	35.53643	25.13055	10.40587	29.82569	1
1807.87	1812.061	1451.061	65.65597	98.93409	64.31074	62.1159	66.07997	0.337957	33.58207	9.922393	23.65968	30.24731	1
1807.875	1812.065	1451.065	68.02782	122.1046	66.63539	64.60575	58.65642	2.050258	39.29332	19.02432	20.26901	28.49495	1
1807.88	1812.07	1451.07	71.07228	108.0825	70.71828	69.58545	51.20108	2.995441	45.80348	22.80816	22.99532	27.8985	1
1807.885	1812.074	1451.074	69.25505	94.22758	67.37881	63.75613	68.02313	0	31.97687	24.91132	7.065547	30.8079	1
1807.89	1812.079	1451.079	69.55005	76.12564	68.78304	69.76246	63.53592	0	36.46408	10.26072	26.20336	29.96915	1
1807.895	1812.084	1451.084	69.92766	72.12929	70.06926	71.00148	57.11384	1.109446	41.77671	25.17287	16.60385	29.04682	1
1807.9	1812.088	1451.088	74.84836	94.53392	74.52975	74.96636	50.7315	2.917185	46.35132	29.62057	16.73075	28.0958	1
1807.905	1812.093	1451.093	68.32283	108.4028	66.836	65.78578	62.43246	1.029472	36.53807	22.19065	14.34742	29.30621	1
1807.91	1812.098	1451.098	67.98062	95.1466	66.39939	66.17518	66.6869	0	33.3131	14.02579	19.28731	30.26257	1
1807.915	1812.102	1451.102	63.13072	94.18581	61.03028	58.19822	75.40521	0	24.59479	16.35153	8.243267	31.16664	1
1807.92	1812.107	1451.107	64.14554	83.65883	62.90652	60.27506	70.34311	0	29.65689	11.10945	18.54744	30.55227	1
1807.925	1812.111	1451.111	66.72979	98.12646	66.777	65.66777	54.49618	2.115201	43.38862	22.73092	20.6577	28.24241	1
1807.93	1812.116	1451.116	67.43781	106.8572	68.40543	70.32887	44.59873	4.092894	51.30838	25.68016	25.62822	26.58934	1
1807.935	1812.121	1451.121	66.8478	71.61408	67.54401	69.65625	55.77376	1.204773	43.02147	22.23859	20.78288	28.47133	1

1807.94	1812.125	1451.125	67.70921	57.61988	67.28441	66.50559	67.05578	0	32.94422	14.53774	18.40649	29.87158	1
1807.945	1812.13	1451.13	67.39061	69.1355	67.47321	66.9894	60.62969	0.322986	39.04733	11.76718	27.28015	29.78328	1
1807.95	1812.135	1451.135	67.44961	100.7582	68.49983	68.93644	45.42366	3.800336	50.77601	16.20592	34.57009	27.06312	1
1807.955	1812.139	1451.139	70.08106	106.6065	70.57667	71.20209	45.88566	4.01827	50.09607	30.72478	19.37128	27.06379	1
1807.96	1812.144	1451.144	73.16093	168.738	72.15791	69.19605	39.63077	6.380048	53.98918	24.5956	29.39359	26.17016	1
1807.965	1812.148	1451.148	71.8865	96.77578	71.56789	71.15489	52.91388	2.444114	44.642	13.35247	31.28953	28.27544	1
1807.97	1812.153	1451.153	68.29923	150.8588	69.60905	70.25807	30.50572	7.783532	61.71075	41.02656	20.68419	25.63657	1
1807.975	1812.158	1451.158	67.68561	130.2783	68.66503	68.09862	38.61138	5.751435	55.63718	35.04087	20.59632	26.25973	1
1807.98	1812.162	1451.162	67.46141	118.2196	67.35521	61.23088	50.14942	3.396507	46.45407	22.55745	23.89662	28.2373	1
1807.985	1812.167	1451.167	65.71497	159.7009	66.15158	59.18944	37.51088	6.582297	55.90682	35.33353	20.57329	26.59509	1
1807.99	1812.172	1451.172	65.49077	158.211	66.34039	58.98884	34.8769	6.956776	58.16633	26.90804	31.25829	26.69184	1
1807.995	1812.176	1451.176	64.14554	147.9764	65.03056	57.62001	38.31691	6.029626	55.65346	29.91373	25.73973	26.8871	1
1808	1812.181	1451.181	65.86838	120.2526	65.62057	64.21634	52.22045	3.098623	44.68093	22.92248	21.75845	27.42406	1
1808.005	1812.185	1451.185	66.00998	120.3779	66.36399	67.1664	47.3958	3.879598	48.7246	15.40758	33.31702	26.57547	1
1808.01	1812.19	1451.19	66.08078	122.954	67.0838	69.14884	41.67741	4.905762	53.41683	23.88072	29.53611	25.95406	1
1808.015	1812.195	1451.195	68.01602	164.3935	68.70044	67.0602	32.33782	7.71348	59.9487	38.13869	21.81001	25.66964	1
1808.02	1812.199	1451.199	69.53825	181.284	70.76548	65.91558	22.64308	10.06444	67.29247	34.97425	32.31823	26.47496	1
1808.025	1812.204	1451.204	67.1192	107.0382	67.31981	66.16338	50.79241	2.988541	46.21905	15.03212	31.18692	27.63518	1
1808.03	1812.209	1451.209	68.79484	116.2423	69.23145	69.27865	45.19439	4.281891	50.52372	28.76546	21.75826	26.8233	1
1808.035	1812.213	1451.213	71.7449	149.898	73.17273	74.17575	26.6537	8.981245	64.36506	28.76609	35.59897	25.91906	1
1808.04	1812.218	1451.218	68.28743	115.7132	68.57063	68.09862	46.97813	3.917133	49.10474	26.75315	22.35159	27.02935	1
1808.045	1812.222	1451.222	71.37909	139.1622	73.63294	73.30253	23.18668	9.607157	67.20616	45.03059	22.17557	26.61591	1
1808.05	1812.227	1451.227	68.70044	137.5609	70.90708	72.73612	26.40437	8.394306	65.20132	36.033	29.16833	25.93975	1
1808.055	1812.232	1451.232	69.88046	213.5333	73.19633	67.40241	0	15.87885	84.12115	84.12115	0	-9999	1
1808.06	1812.236	1451.236	70.94248	186.1437	72.42931	65.39637	18.16321	11.25904	70.57775	46.579	23.99876	27.27917	1
1808.065	1812.241	1451.241	74.15215	131.253	74.98996	73.07833	33.52371	7.432435	59.04385	26.89046	32.1534	26.76441	1
1808.07	1812.246	1451.246	79.86346	208.6458	81.03169	83.27373	6.979595	15.69356	77.32684	58.77726	18.54958	-9999	1
1808.075	1812.25	1451.25	80.84288	177.6636	83.09673	87.58082	5.162641	17.17617	77.66119	77.66119	0	-9999	1
1808.08	1812.255	1451.255	82.24711	191.3097	82.67192	79.43866	14.74344	13.57037	71.68619	43.46804	28.21816	27.31377	1
1808.085	1812.259	1451.259	76.5358	110.0737	76.76	75.80418	41.21164	5.506765	53.2816	37.76862	15.51298	27.33067	1
1808.09	1812.264	1451.264	69.32585	84.74495	69.01904	65.66777	58.08969	1.17901	40.7313	21.89933	18.83197	29.64837	1
1808.095	1812.269	1451.269	70.97788	99.3936	70.69468	68.93644	52.84194	2.50274	44.65532	15.06387	29.59145	28.39608	1
1808.1	1812.273	1451.273	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1808.41	1812.56	1451.56	92.05312	127.6048	89.97627	90.49548	40.52631	3.750967	55.72272	35.45393	20.26879	27.78524	1
1808.415	1812.565	1451.565	90.40108	105.5065	88.86705	85.78719	43.18718	4.101336	52.71148	33.75247	18.95902	28.79536	1
1808.42	1812.569	1451.569	90.94389	103.0697	89.78747	87.76963	40.35104	5.603074	54.04589	24.7049	29.34099	28.38664	1
1808.425	1812.574	1451.574	86.81381	73.60529	86.76661	87.59262	42.68462	6.167032	51.14834	21.60417	29.54417	28.1927	1
1808.43	1812.579	1451.579	81.91671	62.38208	81.3857	79.76906	53.6555	2.096397	44.2481	15.41694	28.83116	29.903	1
1808.435	1812.583	1451.583	79.00205	78.75738	78.28223	74.88376	53.8374	1.967307	44.1953	32.28851	11.90679	29.77958	1
1808.44	1812.588	1451.588	78.81324	69.3583	78.02263	76.7128	56.83438	1.128153	42.03746	19.35008	22.68738	30.02344	1
1808.445	1812.592	1451.592	79.65106	71.33558	79.30885	78.56544	52.10992	2.525332	45.36475	30.32161	15.04314	29.22988	1
1808.45	1812.597	1451.597	80.42988	93.47565	81.33849	80.71308	36.34161	7.495479	56.16291	36.37401	19.7889	27.53754	1
1808.455	1812.602	1451.602	79.80446	103.8912	78.56544	73.76274	51.04066	2.627279	46.33206	28.64444	17.68762	29.23547	1
1808.46	1812.606	1451.606	76.25259	109.2661	73.32613	72.33491	66.08528	0	33.91472	13.47939	20.43533	29.6266	1
1808.465	1812.611	1451.611	72.60632	36.25959	71.8747	71.08408	70.09739	0	29.90261	14.11562	15.78699	29.84554	1
1808.47	1812.616	1451.616	71.7921	39.97745	70.55307	68.53523	73.87917	0	26.12083	16.76156	9.359266	29.93359	1
1808.475	1812.62	1451.62	72.91312	33.57214	72.54731	71.08408	67.63048	0	32.36952	6.714872	25.65465	30.16321	1
1808.48	1812.625	1451.625	73.01932	27.25039	72.81872	71.8511	67.78231	0	32.21769	22.05487	10.16282	30.09074	1
1808.485	1812.629	1451.629	72.34671	33.85064	72.27591	72.33491	65.79788	0	34.20212	5.910451	28.29166	30.0013	1
1808.49	1812.634	1451.634	71.19029	47.84483	71.43809	71.08408	61.006	0	38.994	20.54131	18.45269	30.43936	1
1808.495	1812.639	1451.639	70.65928	52.46779	70.85988	71.9219	60.74158	0.033779	39.22464	15.78681	23.43783	30.10593	1
1808.5	1812.643	1451.643	70.52947	42.62312	69.91586	69.06624	69.55359	0	30.44641	17.97354	12.47287	29.82244	1
1808.505	1812.648	1451.648	69.73886	41.87119	69.27865	69.27865	69.27405	0	30.72595	9.453741	21.27221	29.63325	1
1808.51	1812.653	1451.653	68.48803	36.23174	68.16942	68.02782	70.69213	0	29.30787	8.199874	21.10799	29.51043	1
1808.515	1812.657	1451.657	69.21965	38.96095	68.71224	67.2254	70.82181	0	29.17819	6.044037	23.13416	29.82401	1
1808.52	1812.662	1451.662	69.49105	48.65246	67.54401	66.09258	79.3839	0	20.6161	16.43305	4.183051	30.0926	1
1808.525	1812.666	1451.666	70.01026	64.59609	67.94522	65.80938	75.96238	0	24.03762	6.402568	17.63505	30.20609	1
1808.53	1812.671	1451.671	70.45867	43.94595	69.72706	67.29621	70.21312	0	29.78688	15.63561	14.15127	30.09591	1
1808.535	1812.676	1451.676	70.74188	51.66016	70.09286	68.02782	67.44557	0	32.55443	14.3783	18.17613	30.18945	1
1808.54	1812.68	1451.68	72.18151	62.02005	72.25231	71.50889	58.03545	0.812277	41.15227	16.05157	25.1007	29.85779	1
1808.545	1812.685	1451.685	71.43809	48.33219	71.6741	71.09588	60.75153	0	39.24847	6.91116	32.33731	30.53791	1
1808.55	1812.69	1451.69	75.56818	71.78117	74.21115	73.44413	63.6232	0	36.3768	11.04514	25.33165	30.25193	1
1808.555	1812.694	1451.694	76.701	62.20106	75.98118	75.39117	59.96099	0.344262	39.69475	28.76687	10.92788	30.43081	1
1808.56	1812.699	1451.699	75.62718	72.74197	76.42959	76.6656	46.60071	3.911743	49.48754	17.78946	31.69808	28.2049	1
1808.565	1812.703	1451.703	78.24683	113.541	79.69826	81.84591	29.28742	9.221937	61.49064	32.28022	29.21042	26.56593	1
1808.57	1812.708	1451.708	80.27647	126.087	81.09069	79.82806	29.32241	9.37613	61.30146	25.42064	35.88082	27.03146	1
1808.575	1812.713	1451.713	80.68948	112.9979	81.89311	82.69552	29.09209	9.739978	61.16793	25.54332	35.62461	26.89126	1
1808.58	1812.717	1451.717	80.14667	94.60354	80.94909	81.7751	37.15228	7.162628	55.68509	30.6705	25.0146	27.26686	1
1808.585	1812.722	1451.722	78.76604	88.44888	79.53306	77.65682	40.18624	6.075001	53.73876	37.17558	16.56318	27.96149	1
1808.59	1812.727	1451.727	78.44744	145.6371	78.68344	73.10193	30.75514	8.544467	60.70039	40.23572	20.46467	27.37304	1
1808.595	1812.731	1451.731	78.64804	112.3017	79.45046	72.21691	34.24807	7.723622	58.02831	32.86851	25.1598	28.31059	1
1808.6	1812.736	1451.736	78.41203	127.4516	80.26467	62.68231	22.65969	11.24888	66.09143	43.39861	22.69282	30.24561	1
1808.605	1812.74	1451.74	78.40023	154.7716	78.96665	74.69496	26.02736	9.925083	64.04756	30.99866	33.04889	27.09648	1

1808.61	1812.745	1451.745	78.60084	166.9695	79.33245	75.89858	21.61058	11.2226	67.16682	34.02963	33.13719	26.98743	1
1808.615	1812.75	1451.75	78.94305	168.9051	79.65106	78.32943	21.01026	11.43232	67.55742	39.31629	28.24113	26.62089	1
1808.62	1812.754	1451.754	77.20841	178.8333	78.56544	83.28553	15.17364	12.92485	71.90151	59.32478	12.57672	25.84013	1
1808.625	1812.759	1451.759	78.60084	176.2851	79.39145	78.48284	18.89896	11.99461	69.10643	42.22846	26.87797	26.57585	1
1808.63	1812.764	1451.764	79.41506	190.6135	80.57148	83.07313	11.8474	14.23288	73.91972	56.49554	17.42418	26.53074	4
1808.635	1812.768	1451.768	79.30885	196.9074	81.25589	81.3857	4.294709	16.67669	79.0286	73.40616	5.622437	-9999	4
1808.64	1812.773	1451.773	81.3503	246.7016	83.34454	87.79323	0	21.40098	78.59902	78.59902	0	-9999	4
1808.645	1812.777	1451.777	78.38843	229.8529	79.82806	78.62444	1.101105	17.11158	81.78732	81.78732	0	-9999	4
1808.65	1812.782	1451.782	75.23777	133.2303	75.83958	78.43564	33.87547	7.449337	58.67519	29.63903	29.03616	25.93565	4
1808.655	1812.787	1451.787	77.01961	147.7397	78.06983	82.35332	25.24973	10.03933	64.71094	33.90162	30.80931	25.635	4
1808.66	1812.791	1451.791	79.58026	160.2718	80.97269	85.69278	17.20906	12.87978	69.91117	51.05609	18.85508	26.02081	4
1808.665	1812.796	1451.796	80.48888	162.2073	81.4565	84.53636	19.197	12.3208	68.4822	36.35352	32.12868	26.1299	4
1808.67	1812.801	1451.801	77.11401	138.8698	78.12883	77.91642	27.58377	9.39791	63.01832	44.22569	18.79263	26.53522	4
1808.675	1812.805	1451.805	75.95758	140.7078	76.01659	75.83958	35.61047	7.060747	57.32878	21.05389	36.27489	26.34138	4
1808.68	1812.81	1451.81	77.20841	163.3213	77.49162	78.65984	27.24966	9.439056	63.31128	35.50545	27.80583	25.8184	4
1808.685	1812.814	1451.814	80.34727	111.4244	80.48888	81.04349	38.01837	6.661154	55.32047	28.65606	26.66442	27.05944	4
1808.69	1812.819	1451.819	76.24079	149.2018	77.50342	78.12883	23.96629	10.29727	65.73644	44.3028	21.43364	26.32845	4
1808.695	1812.824	1451.824	77.84562	150.5246	79.15545	79.29705	21.80391	11.18711	67.00898	46.17813	20.83085	26.59349	4
1808.7	1812.828	1451.828	74.42355	129.1922	75.46197	75.29677	32.21806	7.781801	60.00014	34.83108	25.16906	26.50181	4
1808.705	1812.833	1451.833	72.29951	89.54893	72.79512	72.22871	47.97263	3.432581	48.59479	26.88147	21.71332	27.95616	4
1808.71	1812.838	1451.838	66.42299	55.57297	65.27836	63.57913	74.31302	0	25.68698	9.252062	16.43491	30.03527	4
1808.715	1812.842	1451.842	63.63813	46.98151	62.52891	61.9979	78.67987	0	21.32013	5.775997	15.54413	29.9165	4
1808.72	1812.847	1451.847	61.41969	46.74479	61.58489	61.46689	70.90132	0	29.09868	24.39243	4.706244	29.1076	4
1808.725	1812.851	1451.851	61.41969	56.57554	61.9507	55.27176	65.68727	0	34.31273	10.42753	23.8852	30.37607	4
1808.73	1812.856	1451.856	63.43753	55.14131	63.61453	62.87112	66.9215	0	33.0785	9.136503	23.942	29.47906	4
1808.735	1812.861	1451.861	65.16036	76.93326	65.12496	64.81816	61.70897	0.32254	37.96849	24.31571	13.65278	29.59315	4
1808.74	1812.865	1451.865	64.23994	84.22974	64.53495	56.80579	58.22936	1.05329	40.71735	20.18554	20.53181	30.16067	4
1808.745	1812.87	1451.87	63.99214	72.85336	64.23994	63.42573	61.57623	0.190059	38.23371	12.39631	25.8374	29.69216	4
1808.75	1812.875	1451.875	64.73555	115.4208	62.2811	62.0805	71.53345	0.197602	28.26895	12.33113	15.93782	30.57074	4
1808.755	1812.879	1451.879	63.86234	107.3028	61.25448	60.67627	75.49025	0	24.50975	3.881256	20.62849	31.0477	4
1808.76	1812.884	1451.884	66.62359	107.3167	63.95674	61.44329	73.40378	0	26.59622	9.819861	16.77636	31.06531	4
1808.765	1812.888	1451.888	64.26354	35.78615	63.34313	62.62331	79.35054	0	20.64946	20.45957	0.189896	29.79292	4
1808.77	1812.893	1451.893	62.94192	54.50078	60.91228	59.03604	84.63397	0	15.36603	15.36603	0	31.09516	4
1808.775	1812.898	1451.898	65.95098	124.3186	62.68231	60.67627	74.57217	0	25.42783	16.20985	9.217981	31.46079	4
1808.78	1812.902	1451.902	65.32557	120.7539	62.49351	60.46387	72.62649	0.171666	27.20185	14.99383	12.20801	31.08421	4
1808.785	1812.907	1451.907	65.82118	89.04764	64.07474	63.22512	71.42987	0	28.57013	22.8143	5.755833	30.36137	4
1808.79	1812.912	1451.912	61.87989	54.11089	60.57007	59.47265	80.12682	0	19.87318	17.55547	2.317711	30.31931	4
1808.795	1812.916	1451.916	58.31622	62.24284	57.089	53.50172	80.7973	0	19.2027	3.737964	15.46473	31.02041	4
1808.8	1812.921	1451.921	62.1159	75.29016	61.38428	57.67901	70.30317	0	29.69683	17.02287	12.67396	30.48427	4
1808.805	1812.925	1451.925	66.9068	106.0635	66.9068	56.25118	52.77839	2.620451	44.60116	27.31001	17.29115	29.60728	4
1808.81	1812.93	1451.93	65.73857	109.0433	65.97458	60.29866	51.30299	2.916815	45.7802	20.6534	25.1268	28.38044	4
1808.815	1812.935	1451.935	64.59395	110.6447	63.79153	59.42544	60.01629	1.639333	38.34438	17.72706	20.61732	29.16565	4
1808.82	1812.939	1451.939	61.9979	123.3021	58.65843	56.32198	79.00371	0	20.99629	20.99629	0	32.32136	4
1808.825	1812.944	1451.944	60.51107	122.3691	57.4194	55.74377	78.67688	0.064514	21.25861	16.06524	5.193368	32.14222	4
1808.83	1812.949	1451.949	58.17462	22.59958	57.53741	57.65541	85.94865	0	14.05135	9.379421	4.671925	29.95172	4
1808.835	1812.953	1451.953	56.64059	27.90484	55.72017	55.18916	88.27093	0	11.72907	6.927056	4.80201	30.6266	4
1808.84	1812.958	1451.958	57.92681	93.37818	55.55496	54.84695	82.49164	0	17.50836	14.62634	2.882022	31.78896	4
1808.845	1812.962	1451.962	57.80881	32.6949	57.1952	56.73499	83.65923	0	16.34077	16.34077	0	29.94577	4
1808.85	1812.967	1451.967	57.3368	78.49281	56.18038	56.22758	77.21717	0	22.78283	20.92101	1.861828	30.33134	4
1808.855	1812.972	1451.972	55.16556	54.84889	54.35134	52.13289	82.28444	0	17.71556	13.54328	4.172287	30.62986	4
1808.86	1812.976	1451.976	56.16858	92.34776	54.41034	48.71082	79.60308	0	20.39692	8.638206	11.75871	32.19046	4
1808.865	1812.981	1451.981	54.41034	50.35125	53.48992	49.33624	84.89073	0	15.10927	15.00785	0.101423	31.2808	4
1808.87	1812.986	1451.986	55.56677	58.5389	54.07993	52.94711	86.2351	0	13.7649	11.70378	2.061126	31.3417	4
1808.875	1812.99	1451.99	57.4548	152.8779	53.65513	52.6049	79.59264	1.667739	18.73962	16.00724	2.732382	31.17236	4
1808.88	1812.995	1451.995	62.42271	168.2645	58.42242	56.65239	72.85328	2.350857	24.79586	24.01183	0.78403	29.56628	4
1808.885	1812.999	1451.999	58.90623	113.9448	56.80579	56.90019	74.51006	0.27089	25.21905	25.21905	0	30.79794	4
1808.89	1813.004	1452.004	54.35134	43.09655	53.89113	52.14469	83.13402	0	16.86598	16.86598	0	30.22572	4
1808.895	1813.009	1452.009	53.86753	33.58607	53.36012	52.2273	86.24647	0	13.75353	10.63356	3.119968	30.35235	4
1808.9	1813.013	1452.013	56.32198	63.67707	55.08296	53.26572	82.37637	0	17.62363	16.37518	1.248447	30.93394	4
1808.905	1813.018	1452.018	56.74679	54.70964	56.07418	56.55799	79.76598	0	20.23402	14.54102	5.693008	29.79565	4
1808.91	1813.023	1452.023	57.2306	73.06223	56.36918	51.14167	76.34278	0	23.65722	11.00516	12.65206	31.00682	4
1808.915	1813.027	1452.027	58.76463	61.9365	59.03604	56.55799	68.84451	0	31.15549	12.66823	18.48726	29.57287	4
1808.92	1813.032	1452.032	61.11288	67.01897	60.31046	59.42544	73.77629	0	26.22371	23.83868	2.385031	29.93674	4
1808.925	1813.036	1452.036	59.15404	41.03571	59.08324	56.51078	76.19635	0	23.80365	13.41871	10.38494	29.63589	4
1808.93	1813.041	1452.041	59.35464	55.78184	58.59943	57.71441	77.74744	0	22.25256	8.812779	13.43978	29.94479	4
1808.935	1813.046	1452.046	60.58187	53.48428	60.23966	57.78521	73.97359	0	26.02641	3.960068	22.06634	29.85236	4
1808.94	1813.05	1452.05	62.1041	69.06588	61.33708	57.2542	72.09466	0	27.90534	15.02194	12.88341	30.50134	4
1808.945	1813.055	1452.055	60.35766	52.49564	60.18066	59.98006	73.13878	0	26.86122	15.17387	11.68734	29.32492	4
1808.95	1813.06	1452.06	61.8917	67.32531	61.06568	59.62605	73.16855	0	26.83145	16.38672	10.44473	30.03372	4
1808.955	1813.064	1452.064	60.31046	60.3491	59.40184	57.83241	76.95169	0	23.04831	4.510585	18.53773	30.15352	4
1808.96	1813.069	1452.069	61.79729	92.75158	62.42271	63.01272	55.85366	1.582337	42.564	31.30778	11.25622	27.92137	4
1808.965	1813.073	1452.073	58.57583	86.16525	59.50805	58.33982	58.03355	0.917478	41.04897	20.15083	20.89814	28.51498	4
1808.97	1813.078	1452.078	58.64663	90.31478	58.16282	51.69629	67.93845	0	32.06155	20.92957	11.13198	31.08314	4

1808.975	1813.083	1452.083	57.266	72.5331	56.81759	56.23938	73.23744	0	26.76256	8.971757	17.7908	29.7766	4
1808.98	1813.087	1452.087	57.384	89.78564	55.00035	52.3217	83.95187	0	16.04813	5.147081	10.90105	32.29847	4
1808.985	1813.092	1452.092	55.94437	84.98167	53.83213	52.78191	84.3355	0	15.6645	15.6645	0	31.90643	4
1808.99	1813.097	1452.097	55.46056	36.83049	55.16556	55.49596	82.3496	0	17.6504	17.6504	0	29.55434	4
1808.995	1813.101	1452.101	57.4548	33.40505	56.84119	56.58159	83.81306	0	16.18694	16.18694	0	29.93618	4
1809	1813.106	1452.106	63.82694	80.13591	61.76189	60.05086	77.89041	0	22.10959	15.14537	6.964222	30.81961	4
1809.005	1813.11	1452.11	60.22786	81.68154	58.95343	58.96524	74.70024	0	25.29976	21.50145	3.798314	30.23046	4
1809.01	1813.115	1452.115	58.30442	61.7137	57.65541	53.45452	76.45507	0	23.54493	14.92866	8.616267	30.52371	4
1809.015	1813.12	1452.12	60.39306	46.45237	60.40486	59.28384	73.10545	0	26.89455	23.66129	3.23326	29.33392	4
1809.02	1813.124	1452.124	64.00394	105.1862	61.9389	58.63483	71.66539	0	28.33461	8.140509	20.1941	31.2173	4
1809.025	1813.129	1452.129	61.76189	75.7079	60.06266	56.78219	78.02682	0	21.97318	13.86838	8.1048	31.04261	4
1809.03	1813.134	1452.134	58.31622	44.50293	57.64361	57.0654	80.79212	0	19.20788	14.11817	5.089707	29.90467	4
1809.035	1813.138	1452.138	61.8917	84.88419	60.35766	59.16584	74.40641	0	25.59359	10.47082	15.12277	30.53962	4
1809.04	1813.143	1452.143	62.68231	81.24988	61.21908	60.32226	74.00984	0	25.99016	11.28259	14.70758	30.36454	4
1809.045	1813.147	1452.147	63.56733	56.22742	62.2929	60.12166	77.78782	0	22.21218	10.59568	11.6165	30.33775	4
1809.05	1813.152	1452.152	64.87716	91.94395	63.33132	59.88565	70.04278	0	29.95722	5.200369	24.75686	30.86127	4
1809.055	1813.157	1452.157	64.91256	84.6614	63.95674	61.78549	67.19999	0	32.80001	6.383054	26.41696	30.42117	4
1809.06	1813.161	1452.161	61.82089	57.59203	60.71167	58.24542	77.78398	0	22.21602	4.190877	18.02514	30.38744	4
1809.065	1813.166	1452.166	63.13072	45.60297	63.15432	63.75613	70.70091	0	29.29909	5.719138	23.57995	29.09414	4
1809.07	1813.171	1452.171	65.51437	87.27922	64.28714	63.80333	68.1162	0	31.8838	7.4723	24.4115	30.18056	4
1809.075	1813.175	1452.175	68.55883	71.00139	67.35521	66.43479	69.07163	0	30.92837	8.307233	22.62114	30.033	4
1809.08	1813.18	1452.18	71.35549	131.2669	69.66806	68.93644	55.66397	2.551751	41.78428	15.43576	26.34852	27.84638	4
1809.085	1813.184	1452.184	73.27893	91.74901	72.21691	68.38183	58.61079	1.100646	40.28856	11.6111	28.67746	29.91988	4
1809.09	1813.189	1452.189	71.8275	82.60056	71.7449	70.88348	54.56953	1.864894	43.56558	28.79189	14.77369	28.88048	4
1809.095	1813.194	1452.194	78.12883	156.2337	75.96938	75.61538	47.04862	3.940221	49.01116	16.74916	32.262	26.80075	4
1809.1	1813.198	1452.198	83.14393	191.6439	82.23531	79.61566	24.17156	10.12577	65.70268	45.0814	20.62127	26.47119	4
1809.105	1813.203	1452.203	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1809.43	1813.504	1452.504	111.0751	170.0747	111.3701	110.9217	0	38.50331	61.49669	61.49669	0	-9999	4
1809.435	1813.508	1452.508	98.04764	98.29356	97.06822	96.84401	33.59964	9.151576	57.24879	34.70777	22.54101	27.93121	4
1809.44	1813.513	1452.513	95.72299	85.71967	94.53117	92.11212	40.42733	6.042187	53.53048	34.07839	19.45209	28.89793	4
1809.445	1813.517	1452.517	104.585	85.3437	103.7236	103.7236	29.80464	13.30891	56.88645	40.72779	16.15866	27.76832	4
1809.45	1813.522	1452.522	107.3816	80.49795	106.1072	105.0334	31.6052	11.45742	56.93739	38.54654	18.39084	28.25776	4
1809.455	1813.527	1452.527	103.9714	56.9515	104.2428	106.0364	28.46069	20.19813	51.34117	30.36599	20.97518	26.93653	4
1809.46	1813.531	1452.531	105.6706	89.49323	105.0806	105.5172	25.69829	16.82377	57.47794	29.44356	28.03438	27.36392	4
1809.465	1813.536	1452.536	106.1898	40.7433	105.9538	106.2134	34.27454	17.24633	48.47913	34.84825	13.63088	27.69632	4
1809.47	1813.541	1452.541	103.0745	55.05776	102.9329	102.4255	32.94487	15.71065	51.34448	18.40974	32.93474	27.85835	4
1809.475	1813.545	1452.545	99.94748	107.4838	99.15686	98.85005	28.16452	12.04718	59.7883	32.13387	27.65443	27.66375	4
1809.48	1813.55	1452.55	97.41043	168.3759	95.82919	94.75537	21.88999	10.17381	67.9362	37.77773	30.15847	27.49993	4
1809.485	1813.554	1452.554	95.40438	145.0523	93.17414	89.05585	34.40972	4.755343	60.83493	42.15013	18.6848	28.34858	4
1809.49	1813.559	1452.559	86.3182	118.6234	84.76057	82.47132	43.95204	3.992129	52.05584	24.08122	27.97462	28.22866	4
1809.495	1813.564	1452.564	86.4244	117.3424	86.74301	88.08823	29.6235	10.21454	60.16196	25.15389	35.00808	26.8754	4
1809.5	1813.568	1452.568	88.83165	184.9044	87.41562	85.38598	24.50224	9.51207	65.98569	30.70289	35.2828	26.83991	4
1809.505	1813.573	1452.573	88.13543	125.0148	88.25344	87.04981	27.7473	10.8885	61.3642	26.31858	35.04562	27.30748	4
1809.51	1813.578	1452.578	91.89971	154.4653	91.81711	92.18292	18.71183	14.12826	67.15991	48.78791	18.372	27.0944	4
1809.515	1813.582	1452.582	93.17414	176.6332	92.51332	90.17688	16.65586	13.64603	69.6981	40.48805	29.21006	27.59767	4
1809.52	1813.587	1452.587	92.93813	185.6146	93.17414	94.34236	7.749159	18.38506	73.86578	68.16553	5.700246	-9999	4
1809.525	1813.591	1452.591	85.46858	167.067	86.33	89.20926	14.2627	14.93224	70.80506	42.0709	28.73416	26.68007	4
1809.53	1813.596	1452.596	83.45074	143.4092	82.37692	80.20567	36.84242	6.481965	56.67561	38.88935	17.78626	27.13667	4
1809.535	1813.601	1452.601	83.72214	112.0789	81.3621	78.44744	54.14291	0.868878	44.98821	21.225	23.76321	29.48762	4
1809.54	1813.605	1452.605	82.93153	127.2845	80.45348	77.60962	52.10504	1.541336	46.35363	21.85879	24.49484	28.83453	4
1809.545	1813.61	1452.61	81.7043	136.7811	80.86649	77.12581	38.22411	6.247047	55.52885	36.95058	18.57827	27.4796	4
1809.55	1813.615	1452.615	80.54788	146.9182	83.79295	87.04981	5.192489	17.8374	76.97012	75.24264	1.727473	-9999	4
1809.555	1813.619	1452.619	82.25891	129.5264	84.17055	82.54212	18.16121	13.82866	68.01013	52.47852	15.53161	27.64152	4
1809.56	1813.624	1452.624	78.51824	115.8107	79.43866	76.9252	32.60379	8.194489	59.20172	32.36309	26.83863	27.35069	4
1809.565	1813.628	1452.628	76.38239	87.9476	76.7128	74.35275	45.88423	4.19203	49.92374	34.6668	15.25695	28.33991	4
1809.57	1813.633	1452.633	75.34397	75.55473	74.28195	74.28195	60.62997	0.323793	39.04624	12.03814	27.0081	30.05953	4
1809.575	1813.638	1452.638	80.59508	80.31693	79.27345	76.8662	56.65844	0.981733	42.35983	27.7395	14.62033	30.10318	4
1809.58	1813.642	1452.642	84.98477	70.37479	84.40656	84.61896	49.26445	3.46409	47.27146	18.95442	28.31703	28.98734	4
1809.585	1813.647	1452.647	81.8105	74.9699	81.05529	79.82806	52.44454	2.31926	45.2362	29.89038	15.34581	29.41963	4
1809.59	1813.652	1452.652	82.03471	67.99369	81.8223	81.05529	49.71973	3.377693	46.90258	30.16027	16.74231	29.10494	4
1809.595	1813.656	1452.656	85.52758	97.16567	84.30036	84.68976	47.31153	3.407482	49.28099	16.53694	32.74405	28.34709	4
1809.6	1813.661	1452.661	84.12335	81.2638	83.10853	78.37663	50.80554	2.623858	46.57061	21.81773	24.75287	29.88372	4
1809.605	1813.665	1452.665	81.3503	80.51188	80.73668	78.82504	50.42935	2.940597	46.63005	28.97835	17.6517	29.14987	4
1809.61	1813.67	1452.67	80.66588	78.86878	80.30007	79.55666	49.53615	3.270966	47.19288	25.315	21.87788	28.81365	4
1809.615	1813.675	1452.675	76.98421	75.05345	77.10221	78.02263	50.09708	3.049815	46.85311	18.89672	27.95639	28.44495	4
1809.62	1813.679	1452.679	81.3739	147.0713	81.01989	80.79568	32.28831	8.120059	59.59163	26.47646	33.11517	26.49201	4
1809.625	1813.684	1452.684	81.31489	66.96327	82.01111	83.50974	43.58953	5.529761	50.88071	34.55128	16.32943	28.03422	4
1809.63	1813.689	1452.689	75.28497	59.72249	74.35275	73.17273	63.50968	0	36.49032	20.3439	16.14641	30.45525	4
1809.635	1813.693	1452.693	75.27317	59.06804	74.63596	74.56516	61.39262	0.005115	38.60227	9.542864	29.0594	30.56065	4
1809.64	1813.698	1452.698	74.73036	49.89174	74.69496	74.76576	59.44862	0.417688	40.13369	26.79602	13.33767	30.34641	4
1809.645	1813.702	1452.702	73.88074	61.7137	73.63294	74.28195	59.01549	0.616408	40.3681	15.64956	24.71854	29.86026	4
1809.65	1813.707	1452.707	73.36153	118.2057	72.79512	73.45593	48.2913	3.754181	47.95452	17.28625	30.66827	27.17702	4
1809.655	1813.712	1452.712	77.55062	103.0836	76.7836	76.08739	49.65157	3.182906	47.16552	31.75841	15.40711	28.16307	4

1809.66	1813.716	1452.716	73.19633	87.11212	73.72734	75.10797	47.46291	3.579975	48.95712	17.36071	31.59641	27.64302	4
1809.665	1813.721	1452.721	72.38211	167.6936	70.32887	68.53523	48.73923	4.529185	46.73159	22.61204	24.11955	26.47086	4
1809.67	1813.726	1452.726	72.18151	158.1135	69.76246	69.07804	54.07718	3.315936	42.60689	23.68407	18.92282	27.05891	4
1809.675	1813.73	1452.73	72.92492	172.0938	69.85686	68.02782	55.03986	3.288435	41.6717	14.0835	27.5882	27.13601	4
1809.68	1813.735	1452.735	71.6623	116.298	69.38485	68.40543	63.57678	0.684885	35.73834	11.13289	24.60545	29.57374	4
1809.685	1813.739	1452.739	72.26411	85.14876	70.69468	68.52343	65.07412	0	34.92588	13.09066	21.83522	30.45715	4
1809.69	1813.744	1452.744	73.79814	81.79294	72.14611	70.67108	65.11508	0	34.88492	7.536045	27.34887	30.2424	4
1809.695	1813.749	1452.749	75.50918	102.1089	74.35275	72.73612	54.78349	1.964138	43.25237	27.65258	15.59979	28.8574	4
1809.7	1813.753	1452.753	73.32613	74.35722	72.26411	72.19331	62.77618	0	37.22382	6.854574	30.36924	30.26063	4
1809.705	1813.758	1452.758	71.47349	44.00165	70.85988	70.52947	68.35149	0	31.64851	8.20469	23.44382	29.815	4
1809.71	1813.763	1452.763	73.90434	73.3268	72.35851	70.04566	66.24312	0	33.75688	25.25751	8.499369	30.3073	4
1809.715	1813.767	1452.767	75.53278	81.55622	73.96334	72.54731	62.93634	0	37.06366	23.70951	13.35415	30.37149	4
1809.72	1813.772	1452.772	72.80692	97.17959	70.71828	70.25807	65.68716	0	34.31284	16.37254	17.94031	30.08492	4
1809.725	1813.776	1452.776	71.9927	58.21864	71.50889	71.9455	63.42733	0	36.57267	23.74393	12.82874	30.09027	4
1809.73	1813.781	1452.781	71.8865	86.37412	69.46745	67.40241	71.70952	0	28.29048	12.28202	16.00847	30.16088	4
1809.735	1813.786	1452.786	74.15215	86.34627	72.25231	69.25505	65.60798	0	34.39202	16.34622	18.0458	30.43923	4
1809.74	1813.79	1452.79	74.54156	100.8835	72.20511	68.27563	65.11543	0	34.88457	15.18101	19.70357	30.57977	4
1809.745	1813.795	1452.795	74.76576	110.1712	73.82174	71.56789	51.87022	2.785029	45.34475	25.22972	20.11503	28.36754	4
1809.75	1813.8	1452.8	76.4886	149.7309	75.60358	78.44744	40.2545	5.875047	53.87045	22.9537	30.91675	25.75251	4
1809.755	1813.804	1452.804	74.04595	108.4167	73.16093	72.0163	52.49978	2.653112	44.84711	18.04445	26.80267	28.22728	4
1809.76	1813.809	1452.809	72.92492	120.9767	72.81872	70.18727	44.45578	4.655894	50.88832	23.55903	27.32929	27.38758	4
1809.765	1813.813	1452.813	76.29979	140.7078	77.27921	68.86564	28.1624	9.124365	62.71324	43.34949	19.36375	27.95215	4
1809.77	1813.818	1452.818	75.39117	124.7642	76.32339	73.58574	33.22249	7.610898	59.16661	35.65125	23.51536	27.09287	4
1809.775	1813.823	1452.823	76.13459	119.807	78.01083	79.96967	26.42203	9.640582	63.93739	38.30991	25.62748	26.51325	4
1809.78	1813.827	1452.827	80.19387	179.4877	79.52126	78.67164	27.99836	9.167555	62.83408	36.92203	25.91206	26.01149	4
1809.785	1813.832	1452.832	72.20511	51.88296	71.8511	71.02508	63.75918	0	36.24082	12.55376	23.68706	30.30595	4
1809.79	1813.837	1452.837	67.92162	65.64043	68.70044	70.25807	55.5913	1.160054	43.24864	18.55418	24.69446	28.73776	4
1809.795	1813.841	1452.841	68.19302	87.75266	69.85686	71.6387	43.13156	4.023758	52.84468	28.26576	24.57893	27.00842	4
1809.8	1813.846	1452.846	70.11646	107.9711	69.95126	71.15489	50.64416	3.100196	46.25564	33.39552	12.86012	27.33346	4
1809.805	1813.85	1452.85	70.10466	103.3343	70.38787	71.22569	48.30198	3.472155	48.22587	19.80383	28.42204	27.28215	4
1809.81	1813.855	1452.855	69.92766	130.3061	67.1782	64.62935	65.44075	0.930627	33.62862	21.33835	12.29027	29.73848	4
1809.815	1813.86	1452.86	75.20237	265.8201	73.14913	63.29592	22.39799	11.33594	66.26607	41.0413	25.22477	25.86209	4
1809.82	1813.864	1452.864	79.58026	126.9503	80.35907	81.33849	30.02836	9.040705	60.93094	26.95291	33.97802	26.55614	4
1809.825	1813.869	1452.869	83.25013	165.5632	81.03169	78.78964	40.53654	4.820994	54.64246	27.95695	26.68551	26.93454	4
1809.83	1813.874	1452.874	77.44441	107.1217	75.91038	72.99572	54.71642	1.83596	43.44762	23.34139	20.10623	29.12646	4
1809.835	1813.878	1452.878	73.84534	180.2397	70.60027	63.37853	53.59355	3.544365	42.86208	27.99005	14.87203	27.84185	4
1809.84	1813.883	1452.883	72.84232	120.545	72.45291	71.15489	46.83108	4.118147	49.05077	29.5583	19.49247	27.32294	4
1809.845	1813.887	1452.887	77.75122	126.8668	76.7128	74.43535	45.81488	4.249855	49.93526	34.95755	14.97771	27.61133	4
1809.85	1813.892	1452.892	77.72762	93.32248	76.04019	71.41449	58.98417	0.625068	40.39077	10.35544	30.03533	30.42617	4
1809.855	1813.897	1452.897	79.19085	83.42211	78.09343	75.73338	55.46129	1.457858	43.08085	25.4109	17.66995	29.74012	4
1809.86	1813.901	1452.901	78.03443	202.2683	75.00176	68.93644	42.76252	5.298812	51.93867	27.28381	24.65485	26.55435	4
1809.865	1813.906	1452.906	75.93398	249.5562	72.85412	70.81268	33.61708	8.443215	57.93971	33.45841	24.4813	24.33637	4
1809.87	1813.911	1452.911	73.32613	104.0862	72.19331	69.42025	56.13049	1.81997	42.04954	22.87514	19.1744	29.0601	4
1809.875	1813.915	1452.915	73.31433	107.5812	72.37031	70.11646	53.83231	2.37581	43.79188	25.16695	18.62494	28.56722	4
1809.88	1813.92	1452.92	75.32037	77.351	74.90736	74.28195	55.18713	1.681838	43.13103	23.67229	19.45874	29.24607	4
1809.885	1813.924	1452.924	75.01356	100.9392	75.20237	75.60358	45.097	4.374977	50.52803	35.63426	14.89376	27.42504	1
1809.89	1813.929	1452.929	71.27289	47.26	71.48529	72.27591	61.34589	0	38.65411	23.75037	14.90374	30.18718	1
1809.895	1813.934	1452.934	72.68892	96.55299	71.09588	69.70346	62.10638	0.476375	37.41725	12.78164	24.6356	29.91655	1
1809.9	1813.938	1452.938	69.43205	109.9345	67.42601	65.78578	65.06518	0.52753	34.40729	19.63774	14.76955	29.94991	1
1809.905	1813.943	1452.943	69.65625	118.4424	69.25505	67.34341	50.36255	3.372632	46.26482	33.16371	13.10111	27.60211	1
1809.91	1813.948	1452.948	73.88074	161.7618	72.26411	70.38787	45.41228	4.958062	49.62966	35.20353	14.42612	26.46876	1
1809.915	1813.952	1452.952	73.62114	113.2346	72.54731	68.93644	53.1879	2.580724	44.23138	15.34108	28.8903	28.63002	1
1809.92	1813.957	1452.957	70.68288	65.93285	71.06048	70.89528	56.08954	1.23042	42.68004	23.28881	19.39123	29.27044	1
1809.925	1813.961	1452.961	71.60329	97.02642	73.37333	75.10797	36.92679	5.974474	57.09873	22.24371	34.85503	26.73098	1
1809.93	1813.966	1452.966	72.92492	76.54337	74.42355	75.39117	42.77119	4.580944	52.64787	28.72025	23.92762	27.58603	1
1809.935	1813.971	1452.971	73.47953	66.28096	73.55033	73.38513	55.81012	1.410074	42.7798	19.33399	23.44581	29.38015	1
1809.94	1813.975	1452.975	75.17877	73.91163	76.12279	77.33821	45.63277	4.126757	50.24047	31.45678	18.78369	27.8867	1
1809.945	1813.98	1452.98	75.19057	67.84052	75.73338	75.94578	50.20049	2.900676	46.89884	30.15689	16.74195	28.64176	1
1809.95	1813.985	1452.985	75.35577	59.75034	74.69496	73.45593	61.33441	0.022408	38.64318	11.6859	26.95728	30.75375	1
1809.955	1813.989	1452.989	74.76576	77.90798	75.66258	77.33821	45.41143	4.155287	50.43329	18.60953	31.82375	27.68345	1
1809.96	1813.994	1452.994	75.22597	87.46024	77.05501	79.09645	35.45169	6.930644	57.61767	35.73649	21.88118	26.97093	1
1809.965	1813.998	1452.998	75.48557	120.002	76.35879	75.87498	34.74536	7.200033	58.05461	32.21621	25.8384	26.78029	1
1809.97	1814.003	1453.003	78.96665	112.9004	78.16423	76.28799	46.24751	4.074497	49.67799	30.60962	19.06838	27.93353	1
1809.975	1814.008	1453.008	81.92851	108.5838	82.15271	81.5863	36.6109	7.286882	56.10221	35.80409	20.29812	27.32236	1
1809.98	1814.012	1453.012	80.74848	141.0002	82.12911	83.30914	20.88947	12.15124	66.95929	37.46511	29.49418	26.7031	1
1809.985	1814.017	1453.017	81.4801	122.9679	81.32669	82.32972	36.46895	7.060568	56.47048	24.67175	31.79873	26.76188	1
1809.99	1814.022	1453.022	81.6099	98.66952	80.86649	80.07587	46.80234	3.897374	49.30029	23.93711	25.36318	28.22021	1
1809.995	1814.026	1453.026	77.19661	78.39534	77.44441	77.46802	48.08696	3.624626	48.28842	17.15786	31.13056	28.3339	1
1810	1814.031	1453.031	72.99572	73.47997	74.52975	75.46197	43.17304	4.467885	52.35908	25.71862	26.64045	27.68444	1
1810.005	1814.035	1453.035	75.17877	102.457	77.05501	78.17603	31.50009	8.023618	60.47629	29.62077	30.85553	26.83598	1
1810.01	1814.04	1453.04	76.31159	168.5291	76.5594	73.92794	27.0888	9.434527	63.47667	35.50267	27.974	26.36638	1
1810.015	1814.045	1453.045	79.08465	171.3836	79.21445	79.41506	24.76131	10.24314	64.99555	36.5098	28.48575	26.04108	3
1810.02	1814.049	1453.049	76.6302	70.48619	76.5358	74.76576	53.17418	2.186517	44.63931	13.65549	30.98382	29.39511	3

1810.025	1814.054	1453.054	78.54184	104.671	79.43866	79.14365	35.46078	7.394912	57.14431	26.13501	31.00929	27.17516	3
1810.03	1814.059	1453.059	86.99081	230.5074	86.93181	86.5424	4.642929	16.79786	78.55921	73.64288	4.916328	-9999	3
1810.035	1814.063	1453.063	83.22653	121.8679	84.64256	81.6217	22.96534	12.37425	64.66041	44.75806	19.90235	27.69679	3
1810.04	1814.068	1453.068	82.63652	139.2875	83.04953	79.72186	27.06601	10.19462	62.73937	44.10816	18.63121	27.31359	3
1810.045	1814.072	1453.072	80.72488	117.2727	80.20567	80.73668	41.37699	5.490901	53.13211	22.55768	30.57443	27.14178	3
1810.05	1814.077	1453.077	80.17027	103.1532	79.59206	78.23503	45.76141	4.240271	49.99832	23.652	26.34632	28.05353	3
1810.055	1814.082	1453.082	78.64804	121.3944	78.16423	77.60962	42.01588	5.300103	52.68402	27.87002	24.81399	27.1803	3
1810.06	1814.086	1453.086	80.66588	62.92514	80.94909	82.81353	48.36466	3.872902	47.76244	17.59439	30.16805	28.47604	3
1810.065	1814.091	1453.091	82.71912	74.0648	82.89613	82.63652	44.60295	5.140833	50.25622	21.52789	28.72833	28.38154	3
1810.07	1814.096	1453.096	82.34152	89.84134	82.81353	83.16753	38.84613	6.898207	54.25567	28.16234	26.09333	27.57641	3
1810.075	1814.1	1453.1	83.55694	53.91594	82.81353	82.25891	55.84142	1.412	42.74658	17.92919	24.81738	30.28359	3
1810.08	1814.105	1453.105	86.5896	92.06927	87.23862	86.95541	33.02695	9.773335	57.19972	37.52778	19.67194	27.55152	3
1810.085	1814.109	1453.109	89.77567	159.3946	89.52786	82.88433	20.75339	12.61252	66.63409	50.57363	16.06047	28.16728	3
1810.09	1814.114	1453.114	89.23286	91.99965	89.40986	88.58384	34.27008	9.485745	56.24418	34.01405	22.23012	27.76704	3
1810.095	1814.119	1453.119	90.37748	132.4505	90.87309	89.12666	20.95871	14.24459	64.7967	40.69852	24.09818	27.52426	3
1810.1	1814.123	1453.123	92.61953	188.8868	94.36596	89.94087	0	25.86432	74.13568	74.13568	0	-9999	3
1810.105	1814.128	1453.128	91.85251	143.8965	90.81409	85.79899	28.72049	9.174099	62.10541	29.39375	32.71166	27.99643	3
1810.11	1814.133	1453.133	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1810.415	1814.415	1453.415	111.6887	317.0486	109.3759	108.1958	0	19.19136	80.80864	80.80864	0	-9999	3
1810.42	1814.42	1453.42	105.175	197.8403	102.6969	100.1009	14.56655	8.242012	77.19144	61.86203	15.32941	28.7379	3
1810.425	1814.425	1453.425	99.74687	108.2914	98.88546	98.69665	28.70235	11.51705	59.7806	30.11148	29.66913	27.66014	3
1810.43	1814.43	1453.43	98.15384	84.67532	97.75263	100.6319	32.3164	11.75817	55.92543	36.90921	19.01621	27.24777	3
1810.435	1814.435	1453.435	98.81465	124.2211	97.10362	96.56081	32.28953	6.921059	60.78941	25.07142	35.71799	27.92495	3
1810.44	1814.44	1453.44	98.27184	103.8912	97.29242	95.34538	32.03873	9.647978	58.31329	25.96234	32.35095	28.13001	3
1810.445	1814.445	1453.445	98.79105	79.1055	98.29544	98.99166	33.80968	11.24488	54.94544	36.21937	18.72607	27.79079	3
1810.45	1814.45	1453.45	108.8213	199.9708	105.9538	107.8064	13.71432	5.355819	80.92986	62.03946	18.8904	28.49859	3
1810.455	1814.455	1453.455	110.1193	103.8773	110.2609	111.0869	12.45452	30.6483	56.89718	45.21386	11.68331	26.53825	3
1810.46	1814.46	1453.46	103.995	82.32207	104.408	103.1571	21.20188	23.13763	55.66049	28.90869	26.75181	27.25247	3
1810.465	1814.465	1453.465	98.00044	108.4724	98.64945	100.1717	18.55942	19.77176	61.66882	36.10061	25.56821	27.05812	3
1810.47	1814.47	1453.47	94.42496	87.76658	94.44856	95.74659	31.70662	11.74759	56.54579	38.98645	17.55934	27.40387	3
1810.475	1814.475	1453.475	93.28034	84.98167	93.45734	93.64615	32.24475	11.54125	56.214	35.27287	20.94113	27.62865	3
1810.48	1814.48	1453.48	93.56355	123.1489	94.03556	95.66399	20.46142	15.79489	63.74369	45.52196	18.22172	27.01194	3
1810.485	1814.485	1453.485	93.85855	134.1772	95.74659	99.67607	6.546954	24.29792	69.15512	59.14016	10.01496	-9999	3
1810.49	1814.49	1453.49	90.40108	147.2941	91.62831	93.78775	11.67483	18.48227	69.8429	49.74294	20.09996	27.31034	3
1810.495	1814.495	1453.495	89.22106	135.5139	89.98807	92.39532	19.17788	14.81707	66.00504	50.82028	15.18476	26.79273	3
1810.5	1814.5	1453.5	89.18566	153.8804	90.15328	90.56628	13.21107	16.86369	69.92523	58.67982	11.24541	27.4298	3
1810.505	1814.505	1453.505	91.2153	177.9421	92.85553	94.05916	0.308124	23.18643	76.50545	76.50545	0	-9999	3
1810.51	1814.51	1453.51	89.31546	107.7623	91.00289	92.25372	18.67369	16.91643	64.40988	43.84187	20.568	27.28403	3
1810.515	1814.515	1453.515	89.35086	110.2965	90.48368	93.31574	22.32607	14.73827	62.93566	34.09546	28.8402	26.81684	3
1810.52	1814.52	1453.52	86.81381	138.3546	86.5896	81.22049	28.38708	9.918184	61.69473	35.27963	26.4151	27.85009	3
1810.525	1814.525	1453.525	92.65493	156.6236	92.85553	90.94389	15.29988	16.06448	68.63564	54.7391	13.89654	27.70831	3
1810.53	1814.53	1453.53	92.65493	128.2035	92.51332	90.76689	24.82963	12.52908	62.64129	46.44746	16.19383	27.52576	3
1810.535	1814.535	1453.535	92.39532	111.689	92.32452	92.05312	28.51628	11.58921	59.89451	24.67696	35.21756	27.38993	3
1810.54	1814.54	1453.54	92.26552	160.6617	92.10032	92.60773	17.51591	14.38265	68.10144	41.40261	26.69883	27.08832	3
1810.545	1814.545	1453.545	91.3097	259.3034	91.1091	81.05529	0	20.34778	79.65222	79.65222	0	-9999	3
1810.55	1814.55	1453.55	88.91425	220.969	87.81683	77.46802	13.22941	13.13819	73.63241	51.48491	22.1475	28.68864	3
1810.555	1814.555	1453.555	89.53966	160.2022	88.80805	87.81683	24.52459	10.64514	64.83027	28.99588	35.8344	26.97086	3
1810.56	1814.56	1453.56	92.74933	192.6743	91.74631	84.61896	15.81684	12.96825	71.21491	46.84659	24.36832	28.38973	3
1810.565	1814.565	1453.565	93.20954	180.3371	93.43374	88.51304	8.868051	18.16024	72.9717	59.64437	13.32734	28.69724	3
1810.57	1814.57	1453.57	95.54599	149.1043	93.85855	91.4985	29.09207	7.733371	63.17456	28.475	34.69957	27.74389	3
1810.575	1814.575	1453.575	96.2186	120.9767	95.13298	88.56024	30.6161	9.194874	60.18902	28.26395	31.92508	28.74891	3
1810.58	1814.58	1453.58	93.89395	112.3713	92.39532	87.19142	38.0381	5.679668	56.28223	34.05769	22.22454	28.8868	3
1810.585	1814.585	1453.585	92.79653	65.01383	91.88791	91.00289	45.93564	4.797631	49.26673	18.01616	31.25057	29.24111	3
1810.59	1814.59	1453.59	90.97929	68.30003	90.47188	89.84647	43.70287	5.969432	50.32769	17.4085	32.91919	28.78788	3
1810.595	1814.595	1453.595	90.75509	80.26124	90.15328	89.55146	41.74615	6.278503	51.97535	18.97388	33.00147	28.44927	3
1810.6	1814.6	1453.6	89.62227	94.42253	88.22984	85.72819	45.48859	3.696607	50.81481	31.48292	19.33188	28.99227	3
1810.605	1814.605	1453.605	85.81079	77.88013	84.92577	84.40656	49.06597	3.262613	47.67141	32.99829	14.67312	29.02667	3
1810.61	1814.61	1453.61	83.74574	124.054	83.67494	82.74272	33.48155	8.193005	58.32544	40.42208	17.90336	27.12967	3
1810.615	1814.615	1453.615	82.45952	156.5957	83.72214	83.09673	16.45572	13.79646	69.74782	39.06917	30.67864	27.19002	3
1810.62	1814.62	1453.62	82.97873	124.8199	82.87253	83.87555	34.27623	7.847989	57.87578	25.66175	32.21404	26.74032	3
1810.625	1814.625	1453.625	87.74603	184.6538	87.48642	85.38598	16.59939	13.32363	70.07699	51.01363	19.06336	27.22196	3
1810.63	1814.63	1453.63	87.46282	145.5675	86.70761	84.76057	30.1598	8.802094	61.03811	29.65445	31.38366	27.15899	3
1810.635	1814.635	1453.635	87.15601	145.846	86.625	88.92605	28.63708	9.49284	61.87008	26.49331	35.37677	26.35105	3
1810.64	1814.64	1453.64	82.56572	100.9531	82.42412	82.76632	40.7063	5.98504	53.30866	37.88517	15.4235	27.5117	3
1810.645	1814.645	1453.645	83.00233	89.71602	81.98751	79.00205	49.79144	2.914284	47.29427	17.549	29.74527	29.20554	3
1810.65	1814.65	1453.65	88.83165	172.0659	86.97901	85.69278	30.99287	7.077353	61.92978	40.43326	21.49651	26.80554	3
1810.655	1814.655	1453.655	89.38626	251.7563	86.97901	83.65134	15.49581	10.55598	73.94822	60.26692	13.6813	26.83044	3
1810.66	1814.66	1453.66	87.15601	266.4467	83.99355	80.87829	19.84547	9.027632	71.1269	45.52916	25.59774	25.98024	3
1810.665	1814.665	1453.665	86.83741	232.8328	84.44196	79.87526	22.32878	9.128601	68.54261	33.20029	35.34232	26.56257	3
1810.67	1814.67	1453.67	81.12609	124.1654	80.45348	81.22049	40.52872	5.674357	53.79692	28.32283	25.47409	26.94193	3
1810.675	1814.675	1453.675	78.62444	116.3398	78.14063	77.40901	43.26081	4.952895	51.78629	35.85648	15.92982	27.38671	3
1810.68	1814.68	1453.68	80.52428	97.13782	79.40326	78.10523	51.09824	2.590068	46.31169	26.50162	19.81007	28.75626	3
1810.685	1814.685	1453.685	82.67192	124.1654	81.05529	78.71884	46.42271	3.545962	50.03133	19.00185	31.02947	28.08932	3

1810.69	1814.69	1453.69	78.62444	124.7085	77.22021	75.80418	48.36884	3.463567	48.16759	31.85916	16.30844	27.79215	3
1810.695	1814.695	1453.695	81.33849	169.3228	81.4565	79.41506	23.27795	10.86843	65.85363	33.4059	32.44772	26.6765	3
1810.7	1814.7	1453.7	83.80475	160.5921	84.78417	81.91671	16.44584	13.93934	69.61482	52.42801	17.18682	27.57156	3
1810.705	1814.705	1453.705	79.32065	144.8295	79.14365	73.86894	33.34804	7.787633	58.86432	31.70278	27.16154	27.34739	3
1810.71	1814.71	1453.71	81.96391	147.8372	79.53306	77.38541	47.65569	2.999213	49.34509	30.56097	18.78413	27.69184	3
1810.715	1814.715	1453.715	80.39448	214.1599	79.27345	70.88348	22.89831	10.46297	66.63872	33.96594	32.67278	27.01125	3
1810.72	1814.72	1453.72	81.3739	143.075	80.25287	77.82202	39.1998	5.865855	54.93435	27.05984	27.87451	27.13791	3
1810.725	1814.725	1453.725	83.35634	121.5754	82.50672	82.36512	40.47545	5.618915	53.90564	24.35414	29.5515	27.29059	3
1810.73	1814.73	1453.73	87.42742	172.7622	85.33878	81.5037	33.94531	6.112578	59.94211	25.29804	34.64407	27.2029	3
1810.735	1814.735	1453.735	74.43535	97.04035	74.30555	70.32887	49.04168	3.347898	47.61042	18.20477	29.40565	28.62692	3
1810.74	1814.74	1453.74	79.46226	138.9951	79.66286	79.94607	31.70323	8.358285	59.93848	36.48328	23.45521	26.43651	3
1810.745	1814.745	1453.745	84.21775	121.1299	83.36814	83.36814	39.79078	5.827056	54.38217	26.1661	28.21607	27.28331	3
1810.75	1814.75	1453.75	83.84015	96.41374	84.34756	83.99355	35.60251	8.139374	56.25812	21.35322	34.90489	27.5061	3
1810.755	1814.755	1453.755	85.12637	143.0332	85.70458	84.72516	22.58856	12.16153	65.24991	34.55543	30.69448	27.06871	3
1810.76	1814.76	1453.76	82.74272	130.4732	84.12335	84.41836	21.6023	12.55565	65.84205	49.23602	16.60603	27.01776	3
1810.765	1814.765	1453.765	89.46886	167.5544	87.52182	84.97297	32.23005	6.539523	61.23043	26.96004	34.27039	27.17381	3
1810.77	1814.77	1453.77	88.43044	115.9917	86.71941	85.05557	43.83453	3.718374	52.4471	31.067	21.3801	28.29768	3
1810.775	1814.775	1453.775	85.37418	104.4204	84.27676	82.81353	44.69105	4.261671	51.04728	32.30252	18.74476	28.27828	3
1810.78	1814.78	1453.78	86.625	162.6669	85.45678	84.13515	29.99335	8.296263	61.71038	27.19394	34.51645	26.7573	3
1810.785	1814.785	1453.785	81.7987	145.4282	82.35332	80.46528	25.25332	10.64616	64.10052	41.85287	22.24764	26.97209	3
1810.79	1814.79	1453.79	80.44168	259.8325	80.45348	77.19661	3.022736	16.37865	80.59862	79.72116	0.877453	-9999	3
1810.795	1814.795	1453.795	76.6656	158.6705	75.68618	69.70346	38.65989	6.320839	55.01927	22.31269	32.70658	27.13806	3
1810.8	1814.8	1453.8	78.87224	116.8132	78.67164	77.71582	40.72341	5.707877	53.56871	18.18782	35.38089	27.2738	3
1810.805	1814.805	1453.805	79.65106	131.072	80.73668	80.59508	26.58803	10.1406	63.27138	41.34304	21.92834	26.77198	3
1810.81	1814.81	1453.81	78.94305	105.0887	79.78086	77.26741	35.44784	7.445427	57.10674	35.11262	21.99411	27.58467	3
1810.815	1814.815	1453.815	81.6217	174.7116	81.7751	81.7633	21.43895	11.43513	67.12592	35.66757	31.45836	26.33812	3
1810.82	1814.82	1453.82	83.80475	191.4211	83.89915	84.92577	15.84411	13.26444	70.89145	53.95884	16.93261	26.4479	3
1810.825	1814.825	1453.825	86.92001	146.2219	86.5188	82.05831	27.75725	9.877677	62.36508	38.67211	23.69297	27.58662	3
1810.83	1814.83	1453.83	82.61292	183.8322	80.31187	72.47651	37.34184	5.791862	56.8663	37.18615	19.68015	27.42334	3
1810.835	1814.835	1453.835	82.44772	195.8909	80.15847	77.84562	34.48417	6.624243	58.89159	23.39476	35.49682	26.09747	3
1810.84	1814.84	1453.84	89.45706	223.8654	88.83165	88.83165	8.371038	15.32293	76.30603	54.93473	21.3713	27.35292	3
1810.845	1814.845	1453.845	86.77841	192.2426	86.4362	84.57176	16.29325	13.13127	70.57548	57.504	13.07148	27.06149	3
1810.85	1814.85	1453.85	84.05255	264.8593	84.52456	68.93644	0	19.50095	80.49905	80.49905	0	-9999	3
1810.855	1814.855	1453.855	75.82778	223.6147	73.50313	64.07474	34.1397	8.036471	57.82383	24.78137	33.04246	26.25119	3
1810.86	1814.86	1453.86	73.50313	216.8195	71.04868	68.03962	38.92878	7.265779	53.80544	29.98091	23.82452	25.06723	3
1810.865	1814.865	1453.865	94.31876	298.9606	93.26854	89.22106	0	20.56267	79.43733	79.43733	0	-9999	3
1810.87	1814.87	1453.87	97.94144	177.2737	95.53419	92.57233	25.64982	6.362453	67.98773	46.10913	21.8786	27.89315	3
1810.875	1814.875	1453.875	94.35416	174.447	94.53117	99.21586	9.606208	18.34163	72.05216	50.1713	21.88086	26.89143	6
1810.88	1814.88	1453.88	90.34208	144.8991	91.5103	93.89395	12.76597	18.00859	69.22544	60.44801	8.77743	27.18134	6
1810.885	1814.885	1453.885	93.18594	111.6194	92.23012	91.3923	34.66465	7.890553	57.4448	39.6737	17.7711	27.78344	6
1810.89	1814.89	1453.89	93.10334	144.0497	94.77897	95.47519	6.498736	22.98266	70.51861	59.27096	11.24765	-9999	6
1810.895	1814.895	1453.895	89.09125	231.7049	94.05916	97.29242	0	40.39981	59.60019	59.60019	0	-9999	6
1810.9	1814.9	1453.9	92.92633	339.0912	95.34538	96.93842	0	39.89973	60.10027	60.10027	0	-9999	6
1810.905	1814.905	1453.905	84.90217	301.467	89.38626	98.29544	0	36.95582	63.04418	63.04418	0	-9999	6
1810.91	1814.91	1453.91	88.46584	132.6316	90.75509	94.97958	8.772926	20.40511	70.82197	62.3406	8.48137	27.40691	6
1810.915	1814.915	1453.915	87.54542	141.5015	89.19746	91.2861	12.41158	17.5589	70.02952	53.05971	16.9698	27.32311	6
1810.92	1814.92	1453.92	83.62774	148.06	85.10277	84.26496	15.80048	14.57893	69.62059	40.56203	29.05857	27.43517	6
1810.925	1814.925	1453.925	88.28884	172.0242	89.57506	92.23012	7.176166	18.73211	74.09172	69.08998	5.001746	-9999	6
1810.93	1814.93	1453.93	92.31272	105.3672	92.15932	90.28308	30.7623	10.73184	58.50586	28.15938	30.34649	27.78781	6
1810.935	1814.935	1453.935	87.66342	80.20554	87.87583	86.625	38.29378	7.970055	53.73617	35.30502	18.43115	28.1505	6
1810.94	1814.94	1453.94	86.3654	118.6234	88.11183	89.48066	18.30208	15.45156	66.24635	51.83674	14.40961	27.20867	6
1810.945	1814.945	1453.945	90.53088	98.4328	90.87309	90.54268	30.23874	11.38617	58.37508	35.1672	23.20788	27.49412	6
1810.95	1814.95	1453.95	94.46036	125.4743	94.36596	95.67579	23.46329	13.70906	62.82765	47.62448	15.20317	27.02786	6
1810.955	1814.955	1453.955	90.55448	153.5184	92.19472	93.55175	6.826608	20.91461	72.25878	66.04097	6.21781	-9999	6
1810.96	1814.96	1453.96	90.18868	148.5195	90.90849	92.19472	15.50614	16.16824	68.32562	50.55776	17.76787	27.12508	6
1810.965	1814.965	1453.965	85.55118	127.6187	87.51002	90.97929	15.22817	16.21339	68.55844	44.23218	24.32626	26.96701	6
1810.97	1814.97	1453.97	89.65767	324.6932	89.32726	90.15328	0	23.38152	76.61848	76.61848	0	-9999	6
1810.975	1814.975	1453.975	95.65219	264.6086	95.92359	96.1124	0	25.92754	74.07246	74.07246	0	-9999	6
1810.98	1814.98	1453.98	92.46612	256.7691	96.47821	93.69335	0	42.52094	57.47906	57.47906	0	-9999	6
1810.985	1814.985	1453.985	85.16177	320.2652	89.59866	84.11155	0	38.3548	61.6452	61.6452	0	-9999	6
1810.99	1814.99	1453.99	90.71969	187.0209	92.00591	85.07917	1.310567	21.69852	76.99091	76.99091	0	-9999	6
1810.995	1814.995	1453.995	90.54268	143.5345	92.34812	91.1445	7.973246	20.99421	71.03254	59.91175	11.12079	-9999	6
1811	1815	1454	93.56355	153.9779	93.85855	94.27156	14.37258	16.98494	68.64247	47.41788	21.22459	27.36686	6
1811.005	1815.005	1454.005	92.65493	103.6824	92.57233	91.87611	30.3065	11.15073	58.54277	28.36585	30.17692	27.5754	6
1811.01	1815.01	1454.01	95.93539	73.68884	95.56959	94.43676	36.74175	9.735295	53.52296	24.9249	28.59806	28.3109	6
1811.015	1815.015	1454.015	97.92964	68.92663	96.97382	95.33358	40.63209	7.245555	52.12235	27.59974	24.52262	28.9357	6
1811.02	1815.02	1454.02	88.70185	91.99965	89.46886	89.90547	30.18601	11.52955	58.28444	33.7404	24.54404	27.381	6
1811.025	1815.025	1454.025	90.77869	110.2408	92.32452	93.23314	17.82513	17.76336	64.41151	44.79753	19.61399	27.33966	6
1811.03	1815.03	1454.03	93.83495	68.00761	93.55175	93.92935	39.40885	8.486345	52.10481	24.16138	27.94342	28.24846	6
1811.035	1815.035	1454.035	96.136	96.58083	95.26278	93.64615	34.94976	8.646675	56.40357	29.41999	26.98357	28.18644	6
1811.04	1815.04	1454.04	98.24824	103.014	96.2894	94.75537	39.86324	3.89611	56.24065	36.1649	20.07575	28.80911	6
1811.045	1815.045	1454.045	99.44007	72.26853	98.66125	96.70241	37.06198	9.42485	53.51317	19.64293	33.87024	28.62787	6
1811.05	1815.05	1454.05	98.27184	89.88311	97.25702	96.3366	35.70305	8.491995	55.80495	23.15451	32.65045	28.25087	6

1811.055	1815.055	1454.055	92.25372	131.7682	93.57535	95.38078	12.99606	19.5049	67.49905	42.90192	24.59713	27.32942	6
1811.06	1815.06	1454.06	89.39806	126.3098	89.65767	89.06765	25.17487	12.23001	62.59511	43.14069	19.45442	27.22757	6
1811.065	1815.065	1454.065	90.07067	144.3978	90.42468	92.13572	19.44715	14.24875	66.3041	41.01916	25.28494	26.83256	6
1811.07	1815.07	1454.07	99.21586	216.1094	102.2957	99.68787	0	45.80772	54.19228	54.19228	0	-9999	6
1811.075	1815.075	1454.075	99.46367	117.231	98.94446	97.39863	24.14741	14.14135	61.71124	41.51444	20.1968	27.70745	6
1811.08	1815.08	1454.08	104.1484	136.433	102.7559	97.20982	21.95805	12.21432	65.82763	39.16814	26.65949	28.71264	6
1811.085	1815.085	1454.085	101.5405	239.5166	100.2661	98.10664	0	18.63932	81.36068	81.36068	0	-9999	6
1811.09	1815.09	1454.09	108.7859	236.8988	106.8742	106.5792	0	16.81466	83.18534	83.18534	0	-9999	6
1811.095	1815.095	1454.095	115.9368	241.6749	116.0194	120.9165	0	49.73341	50.26659	50.26659	0	-9999	6
1811.1	1815.1	1454.1	111.4291	195.0415	112.2315	112.2197	0	47.10547	52.89453	52.89453	0	-9999	6
1811.105	1815.105	1454.105	111.4645	259.4566	112.2787	112.8451	0	51.67627	48.32373	48.32373	0	-9999	6
1811.11	1815.11	1454.11	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1822.42	1826.42	1465.42	98.34264	56.14388	97.98864	96.3012	38.68151	10.25592	51.06257	17.97933	33.08324	28.60675	4
1822.425	1826.425	1465.425	101.0213	42.35855	100.2307	99.00346	42.93691	8.356816	48.70627	22.81513	25.89114	29.19089	4
1822.43	1826.43	1465.43	106.0836	169.1418	101.6939	99.54627	35.49087	0	64.50913	24.93917	39.56995	18.06461	4
1822.435	1826.435	1465.435	99.56987	51.3956	99.28666	99.64067	38.15283	11.31547	50.5317	19.30795	31.22375	28.17964	4
1822.44	1826.44	1465.44	98.69665	57.07682	98.56685	99.80587	36.39246	11.991	51.61654	29.41951	22.19703	27.80464	4
1822.445	1826.445	1465.445	102.7677	256.8248	98.86186	97.67003	13.57265	2.3715	84.05585	55.12974	28.92611	28.34741	4
1822.45	1826.45	1465.45	98.80285	142.518	96.72601	95.38078	30.70755	6.017127	63.27532	38.27478	25.00055	27.84766	4
1822.455	1826.455	1465.455	99.45187	133.7316	96.73781	95.05038	37.17517	1.822202	61.00263	38.31347	22.68916	28.5319	4
1822.46	1826.46	1465.46	96.89121	137.6722	93.90575	90.82589	40.68072	0.620097	58.69918	19.76247	38.93671	28.81822	4
1822.465	1826.465	1465.465	98.41345	130.3897	95.38078	93.04434	41.40846	0	58.59154	29.51326	29.07828	28.75621	4
1822.47	1826.47	1465.47	94.28336	79.7878	93.59895	93.57535	39.25487	7.546661	53.19847	28.05939	25.13908	28.16043	4
1822.475	1826.475	1465.475	90.10608	80.5258	89.56326	88.92605	41.82195	6.251598	51.92645	34.34246	17.58398	28.32282	4
1822.48	1826.48	1465.48	85.81079	76.33451	85.86979	86.2238	42.12387	6.257294	51.61884	27.50949	24.10935	28.02905	4
1822.485	1826.485	1465.485	83.95815	59.48577	83.68674	83.09673	50.46634	3.310605	46.22306	26.58996	19.6331	29.29189	4
1822.49	1826.49	1465.49	86.12939	123.3299	84.18235	81.7751	46.00467	3.057731	50.9376	33.49653	17.44107	28.25647	4
1822.495	1826.495	1465.495	81.11429	55.78184	80.13487	79.76906	59.46615	0.2753	40.25855	25.64477	14.61377	30.59458	4
1822.5	1826.5	1465.5	81.20869	66.30881	80.50068	79.87526	54.72838	1.699897	43.57172	23.03124	20.54048	29.64821	4
1822.505	1826.505	1465.505	81.92851	108.5003	80.99629	81.29129	45.59341	4.145373	50.26122	29.63468	20.62654	27.63764	4
1822.51	1826.51	1465.51	81.5391	105.6597	79.88707	77.40901	52.21766	2.034253	45.74809	16.74379	29.0043	28.93576	4
1822.515	1826.515	1465.515	81.01989	161.1769	79.08465	76.33519	41.45499	5.024493	53.52051	34.50745	19.01306	26.85296	4
1822.52	1826.52	1465.52	81.11429	112.5802	80.38268	78.78964	43.80047	4.738292	51.46124	32.00157	19.45967	27.70477	4
1822.525	1826.525	1465.525	81.6571	143.618	79.41506	74.76576	47.49576	3.156243	49.348	24.36452	24.98348	28.08159	4
1822.53	1826.53	1465.53	82.71912	129.9163	80.96089	76.7364	46.085	3.567971	50.34703	16.55328	33.79375	28.20201	4
1822.535	1826.535	1465.535	83.29734	97.86189	82.61292	81.5627	44.98808	4.472153	50.53976	27.8751	22.66466	28.09578	4
1822.54	1826.54	1465.54	82.25891	109.2104	81.25589	79.07285	45.66629	4.084358	50.24935	32.54785	17.70151	28.11152	4
1822.545	1826.545	1465.545	84.17055	73.80023	84.89037	87.15601	39.12487	7.449548	53.42558	29.16429	24.26129	27.43419	4
1822.55	1826.55	1465.55	85.58658	67.82659	85.10277	85.17357	48.59584	3.801794	47.60237	25.40342	22.19895	28.88254	4
1822.555	1826.555	1465.555	86.33	67.24176	85.45678	84.48916	51.07134	2.741312	46.18735	24.34527	21.84208	29.46466	4
1822.56	1826.56	1465.56	84.26496	53.52606	83.99355	83.61594	51.62633	3.0211	45.35257	13.99685	31.35572	29.52209	4
1822.565	1826.565	1465.565	84.20595	70.82038	84.13515	83.72214	45.9407	4.781747	49.27755	32.0922	17.18535	28.54836	4
1822.57	1826.57	1465.57	83.61594	65.94677	84.13515	84.97297	43.09033	6.011839	50.89783	30.94733	19.9505	28.09281	4
1822.575	1826.575	1465.575	84.05255	50.95001	83.45074	82.63652	55.0058	1.776839	43.21736	25.91588	17.30149	30.15674	4
1822.58	1826.58	1465.58	85.66918	90.96923	84.32396	81.4329	49.59531	2.655498	47.74919	18.94453	28.80466	29.22447	4
1822.585	1826.585	1465.585	91.61651	79.71818	91.72271	89.40986	35.59795	9.764565	54.63749	33.60874	21.02875	28.18014	4
1822.59	1826.59	1465.59	92.54873	105.5065	93.22134	90.30668	24.10985	14.80687	61.08328	33.80747	27.27581	27.77637	4
1822.595	1826.595	1465.595	92.45432	102.9165	93.02074	96.4192	25.64654	14.04649	60.30698	44.53908	15.7679	26.62574	4
1822.6	1826.6	1465.6	96.69061	61.90865	96.84401	97.39863	34.87387	12.41298	52.71315	32.64374	20.06941	27.75734	4
1822.605	1826.605	1465.605	95.08578	59.94528	95.15658	94.16536	37.46561	10.58611	51.94828	25.22355	26.72473	28.27005	4
1822.61	1826.61	1465.61	93.79955	68.46712	94.41316	96.56081	32.37987	13.0146	54.60553	37.15601	17.44952	27.25097	4
1822.615	1826.615	1465.615	90.94389	61.21242	91.4513	92.53693	37.58578	9.870594	52.54362	36.42588	16.11774	27.82797	4
1822.62	1826.62	1465.62	90.04707	59.06804	89.55146	88.59564	46.70321	4.967704	48.32909	24.83284	23.49625	29.15922	4
1822.625	1826.625	1465.625	86.93181	31.83157	86.70761	85.86979	54.05708	2.778652	43.16427	17.86387	25.3004	30.42393	4
1822.63	1826.63	1465.63	85.94059	34.47724	85.94059	85.86979	52.59117	3.291919	44.11692	29.12358	14.99333	29.96304	4
1822.635	1826.635	1465.635	85.79899	42.51172	85.71638	85.25618	51.41726	3.494937	45.0878	17.57948	27.50833	29.73802	4
1822.64	1826.64	1465.64	86.2474	46.82834	85.56298	84.97297	54.62415	1.959787	43.41607	14.88529	28.53078	30.23828	4
1822.645	1826.645	1465.645	86.5896	90.45402	86.2946	86.2238	40.73399	6.345767	52.92024	29.28394	23.6363	27.83496	4
1822.65	1826.65	1465.65	90.89669	68.57852	90.92029	91.4867	39.59614	8.216766	52.1871	24.21813	27.96897	28.03135	4
1822.655	1826.655	1465.655	87.41562	37.74952	87.53362	87.74603	49.52773	4.628676	45.8436	30.04004	15.80355	29.46222	4
1822.66	1826.66	1465.66	85.61018	66.09995	85.52758	84.90217	45.88261	5.0061	49.11129	30.12806	18.98324	28.71189	4
1822.665	1826.665	1465.665	83.35634	41.88511	83.41534	83.35634	52.71871	2.880448	44.40084	22.72927	21.67157	29.76142	4
1822.67	1826.67	1465.67	82.77812	54.4033	81.7751	80.73668	58.45194	0.508823	41.03924	14.79446	26.24478	30.66543	4
1822.675	1826.675	1465.675	79.34425	53.92987	78.44744	77.82202	60.9026	0	39.0974	24.67042	14.42697	30.77214	4
1822.68	1826.68	1465.68	79.67466	58.92879	78.69524	78.23503	60.02905	0.174489	39.79646	17.89498	21.90148	30.559	4
1822.685	1826.685	1465.685	79.94607	42.08006	79.55666	78.58904	59.28416	0.519604	40.19624	17.85928	22.33696	30.84799	4
1822.69	1826.69	1465.69	82.70732	63.70492	82.05831	82.54212	53.52253	2.094266	44.38321	20.10638	24.27682	29.39365	4
1822.695	1826.695	1465.695	84.41836	62.7859	83.59234	80.99629	53.54255	2.016542	44.4409	19.39402	25.04688	30.08507	4
1822.7	1826.7	1465.7	89.57506	156.0248	86.82561	81.07889	41.14122	2.892131	55.96665	25.62389	30.34276	28.2929	4
1822.705	1826.705	1465.705	91.3569	184.3335	89.97627	88.06463	22.04282	10.29658	67.66061	35.21036	32.45025	26.97322	4
1822.71	1826.71	1465.71	91.72271	184.8069	90.38928	90.51908	21.22589	10.63521	68.13889	48.92803	19.21086	26.64833	4
1822.715	1826.715	1465.715	84.66616	154.3121	82.73092	78.25863	39.76171	4.990108	55.24818	30.58478	24.6634	27.50246	4
1822.72	1826.72	1465.72	81.3975	125.5161	79.52126	76.42959	49.28026	2.802422	47.91732	22.77509	25.14223	28.30013	4

1822.725	1826.725	1465.725	82.73092	107.08	82.27071	82.89613	41.54082	5.55647	52.90271	22.17801	30.7247	27.31531	4
1822.73	1826.73	1465.73	84.38296	208.8964	82.62472	81.7751	25.44107	9.141914	65.41701	34.87029	30.54673	25.7747	4
1822.735	1826.735	1465.735	88.13543	284.3676	85.35058	83.50974	11.68108	11.4142	76.90472	59.42776	17.47696	26.29171	4
1822.74	1826.74	1465.74	88.11183	365.9099	83.40354	81.7161	6.876213	10.91977	82.20402	67.51244	14.69158	-9999	4
1822.745	1826.745	1465.745	81.6217	80.12199	80.04047	78.51824	57.77307	0.499949	41.72699	19.55151	22.17547	30.09482	4
1822.75	1826.75	1465.75	78.75424	89.34006	77.51522	74.97816	55.52825	1.460165	43.01158	22.35497	20.65662	29.52114	4
1822.755	1826.755	1465.755	83.68674	99.51892	82.69552	81.97571	46.60658	3.812754	49.58067	34.22688	15.35379	28.19321	4
1822.76	1826.76	1465.76	85.24438	104.7824	83.72214	81.7043	48.01512	2.956309	49.02857	16.88842	32.14015	28.62021	4
1822.765	1826.765	1465.765	85.10277	97.38846	84.43016	84.48916	43.3502	5.031307	51.61849	34.85989	16.7586	27.85262	4
1822.77	1826.77	1465.77	84.72516	91.1224	83.25013	82.82533	51.43271	2.073735	46.49355	20.72918	25.76437	28.94487	4
1822.775	1826.775	1465.775	83.26193	86.3602	82.18811	81.98751	50.82197	2.586042	46.59198	18.16827	28.42372	28.79081	4
1822.78	1826.78	1465.78	85.05557	67.77089	85.00837	83.72214	45.71413	4.999065	49.28681	28.20621	21.0806	28.76648	4
1822.785	1826.785	1465.785	87.95843	98.27963	88.44224	92.53693	31.54505	10.37727	58.07768	39.68005	18.39763	26.5489	4
1822.79	1826.79	1465.79	85.73999	88.11469	85.72819	87.60442	39.88691	6.783588	53.3295	18.14862	35.18088	27.40518	4
1822.795	1826.795	1465.795	86.18839	65.905	86.389	85.66918	43.20298	6.213536	50.58348	18.62092	31.96256	28.47708	4
1822.8	1826.8	1465.8	83.60414	80.53973	82.51852	80.86649	52.00715	2.2417	45.75115	31.60525	14.1459	29.34214	4
1822.805	1826.805	1465.805	84.26496	66.03032	83.65134	83.09673	51.2524	2.826921	45.92068	23.16894	22.75174	29.30633	4
1822.81	1826.81	1465.81	83.12033	73.73061	82.50672	81.6335	50.44198	2.99237	46.56564	18.13002	28.43562	29.06433	4
1822.815	1826.815	1465.815	79.62746	63.23148	79.15545	78.63624	55.09879	1.658715	43.24249	24.07325	19.16924	29.64313	4
1822.82	1826.82	1465.82	78.88404	52.74628	78.23503	77.89282	59.69193	0.346354	39.96171	18.98792	20.97379	30.54017	4
1822.825	1826.825	1465.825	77.29101	64.59609	76.12279	75.73338	62.31375	0	37.68625	15.29333	22.39292	30.27735	4
1822.83	1826.83	1465.83	77.30281	104.6153	76.40599	76.27619	50.51485	2.961601	46.52355	28.26021	18.26334	27.99189	4
1822.835	1826.835	1465.835	78.87224	79.0498	77.53882	76.35879	58.64155	0.57619	40.78226	28.47052	12.31174	29.99187	4
1822.84	1826.84	1465.84	79.21445	62.18714	78.28223	76.5004	59.29812	0.407385	40.2945	15.50747	24.78702	30.57332	4
1822.845	1826.845	1465.845	77.63322	51.63231	76.4768	74.96636	65.0447	0	34.9553	14.88898	20.06632	30.23741	4
1822.85	1826.85	1465.85	77.99903	60.79468	76.9252	75.87498	61.8507	0	38.1493	10.68342	27.46588	30.52791	4
1822.855	1826.855	1465.855	78.12883	100.3962	76.7364	75.80418	54.61693	1.773051	43.61002	19.21894	24.39108	28.82047	4
1822.86	1826.86	1465.86	79.16725	68.77346	78.40023	77.12581	56.46732	1.222647	42.31003	25.23836	17.07167	29.86447	4
1822.865	1826.865	1465.865	79.71006	73.22933	78.90764	77.40901	55.16397	1.565361	43.27066	27.21757	16.0531	29.65037	4
1822.87	1826.87	1465.87	78.87224	74.84458	77.51522	76.15819	59.84211	0.240072	39.91781	21.92387	17.99394	30.32176	4
1822.875	1826.875	1465.875	77.98723	59.95921	77.16121	76.01659	60.14326	0.236768	39.61998	16.51589	23.10408	30.57068	4
1822.88	1826.88	1465.88	80.33547	84.35506	79.30885	76.7128	53.63375	1.917339	44.44891	13.84444	30.60446	29.4572	4
1822.885	1826.885	1465.885	78.54184	73.07616	78.40023	78.86044	51.1545	2.796509	46.04899	28.58876	17.46023	28.66127	4
1822.89	1826.89	1465.89	80.84288	57.27177	80.55968	80.00507	53.95962	2.078477	43.9619	30.19413	13.76777	29.65406	4
1822.895	1826.895	1465.895	83.78115	63.56567	83.43894	82.81353	50.19056	3.310624	46.49882	28.44802	18.0508	29.18481	4
1822.9	1826.9	1465.9	81.5509	66.12779	81.01989	79.87526	53.08558	2.242561	44.67186	27.59693	17.07493	29.51719	4
1822.905	1826.905	1465.905	82.05831	128.0643	80.11127	79.34425	48.60436	2.87396	48.52168	28.43513	20.08655	27.8019	4
1822.91	1826.91	1465.91	78.25863	51.53484	77.68042	76.42959	60.01177	0.27496	39.71327	27.59076	12.12251	30.75026	4
1822.915	1826.915	1465.915	76.11099	39.08627	75.46197	75.04897	65.54887	0	34.45113	7.242727	27.20841	30.16401	4
1822.92	1826.92	1465.92	80.39448	93.25286	78.87224	76.9252	55.26718	1.341822	43.391	18.83831	24.55268	29.41856	4
1822.925	1826.925	1465.925	77.71582	55.23878	76.98421	76.08739	60.80368	0.064653	39.13167	17.41358	21.71809	30.72388	4
1822.93	1826.93	1465.93	75.81598	55.67044	75.10797	73.86894	62.26416	0	37.73584	11.89971	25.83613	30.58125	4
1822.935	1826.935	1465.935	76.5948	91.72116	74.76576	74.17575	61.51131	0.114784	38.37391	22.3659	16.00801	29.96265	1
1822.94	1826.94	1465.94	75.66258	73.14578	74.55336	73.03112	61.28563	0.122762	38.59161	18.34567	20.24594	30.41672	1
1822.945	1826.945	1465.945	76.583	140.5546	74.06955	71.7095	55.00867	2.112779	42.87855	19.37492	23.50363	28.16881	1
1822.95	1826.95	1465.95	76.6184	95.10483	74.63596	72.79512	61.85962	0.050323	38.09006	15.60225	22.48781	30.18917	1
1822.955	1826.955	1465.955	74.18755	69.44184	72.74792	70.25807	66.09966	0	33.90034	15.85784	18.0425	30.23542	1
1822.96	1826.96	1465.96	71.27289	43.02693	70.24627	69.12524	71.97274	0	28.02726	8.101383	19.92588	29.68976	1
1822.965	1826.965	1465.965	71.7213	52.31462	70.60027	69.34945	70.0442	0	29.9558	5.935245	24.02056	29.80652	1
1822.97	1826.97	1465.97	79.66286	395.5693	73.21993	70.25807	20.91514	11.67754	67.40732	42.56084	24.84648	22.26765	1
1822.975	1826.975	1465.975	76.9134	261.8516	72.66532	69.84506	38.79426	7.163731	54.04201	37.6032	16.4388	24.24862	1
1822.98	1826.98	1465.98	71.8157	92.86297	70.88348	69.49105	58.68142	1.176253	40.14233	20.83312	19.30921	29.22737	1
1822.985	1826.985	1465.985	70.03386	58.31611	70.74188	71.56789	55.96924	1.080582	42.95018	28.22026	14.72993	29.09438	1
1822.99	1826.99	1465.99	72.0635	62.59095	71.22569	69.65625	65.04765	0	34.95235	6.108648	28.8437	30.19853	1
1822.995	1826.995	1465.995	74.29375	58.99841	72.88952	71.50889	68.25491	0	31.74509	24.40894	7.336156	29.87664	1
1823	1827	1466	71.43809	53.37289	70.81268	70.52947	66.20767	0	33.79233	19.71629	14.07604	29.8412	1
1823.005	1827.005	1466.005	70.69468	46.17388	70.17547	69.97486	67.8107	0	32.1893	22.30708	9.882219	29.67441	1
1823.01	1827.01	1466.01	70.71828	56.01855	69.70346	68.45263	69.24756	0	30.75244	7.94115	22.81129	29.85003	1
1823.015	1827.015	1466.015	71.6977	77.93583	70.25807	68.45263	66.33478	0	33.66522	21.20278	12.46245	30.18306	1
1823.02	1827.02	1466.02	71.40269	70.45834	69.92766	69.19605	68.69009	0	31.30991	8.207646	23.10226	29.83861	1
1823.025	1827.025	1466.025	72.57091	82.86513	70.74188	68.65323	67.35644	0	32.64356	17.33725	15.30631	30.14207	1
1823.03	1827.03	1466.03	72.79512	49.8082	71.7095	70.38787	69.38848	0	30.61152	5.353378	25.25814	29.84446	1
1823.035	1827.035	1466.035	72.31131	51.99435	71.48529	69.84506	67.29259	0	32.70741	13.83868	18.86872	30.0377	1
1823.04	1827.04	1466.04	72.27591	59.13766	71.36729	70.32887	66.23665	0	33.76335	21.6782	12.08515	30.00552	1
1823.045	1827.045	1466.045	71.40269	35.43804	70.90708	69.70346	69.5745	0	30.4255	20.38667	10.03883	29.77514	1
1823.05	1827.05	1466.05	72.0045	58.33003	70.87168	69.71526	68.41937	0	31.58063	6.93822	24.64241	29.87966	1
1823.055	1827.055	1466.055	72.67712	84.41076	70.73008	68.98364	67.79921	0	32.20079	19.48821	12.71258	30.04734	1
1823.06	1827.06	1466.06	73.10193	90.50972	70.77728	69.42025	68.8589	0	31.1411	20.45189	10.68922	29.88814	1
1823.065	1827.065	1466.065	76.09919	77.92191	74.78936	73.27893	61.2828	0.126084	38.59111	9.628967	28.96214	30.34314	1
1823.07	1827.07	1466.07	76.7364	80.37263	75.48557	73.53853	59.64623	0.502112	39.85165	17.75156	22.10009	30.12228	1
1823.075	1827.075	1466.075	78.93125	60.76683	77.58602	74.86016	63.10319	0	36.89681	25.99877	10.89804	30.55184	1
1823.08	1827.08	1466.08	80.93729	61.8251	79.12005	76.6656	64.65961	0	35.34039	9.742886	25.5975	29.95234	1
1823.085	1827.085	1466.085	80.12307	39.50401	79.23805	76.878	63.5857	0	36.4143	11.23968	25.17462	30.88427	1

1823.09	1827.09	1466.09	81.5863	43.70923	80.27647	78.65984	64.51413	0	35.48587	17.89469	17.59119	30.3303	1
1823.095	1827.095	1466.095	85.82259	74.56609	83.67494	81.5155	59.64247	0	40.35753	26.48766	13.86987	29.78575	1
1823.1	1827.1	1466.1	84.41836	76.36236	82.48312	79.17905	58.85353	0	41.14647	23.24366	17.90282	30.49335	1
1823.105	1827.105	1466.105	85.90519	49.13982	84.66616	83.69854	58.67784	0.220801	41.10136	14.35444	26.74692	30.99132	1
1823.11	1827.11	1466.11	96.1596	97.6391	95.21558	92.96173	35.22066	8.349698	56.42965	24.40841	32.02124	28.21668	1
1823.115	1827.115	1466.115	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1823.765	1827.765	1466.765	142.511	100.1316	142.1333	143.7382	0	100	0	0	0	-9999	1
1823.77	1827.77	1466.77	145.4138	181.2701	143.8208	143.455	0	78.57979	21.42021	21.42021	0	-9999	1
1823.775	1827.775	1466.775	143.1718	149.4246	141.5787	138.4163	0	68.54624	31.45376	31.45376	0	-9999	1
1823.78	1827.78	1466.78	143.809	124.6945	142.9358	138.7231	0	100	0	0	0	-9999	1
1823.785	1827.785	1466.785	140.7881	116.9664	140.6583	136.068	0	100	0	0	0	-9999	1
1823.79	1827.79	1466.79	141.5905	123.4692	140.6465	137.6847	0	94.94223	5.057771	5.057771	0	-9999	1
1823.795	1827.795	1466.795	142.3339	101.2177	142.2749	142.1451	0	100	0	0	0	-9999	1
1823.8	1827.8	1466.8	145.0362	298.5985	142.4638	141.9209	0	27.95848	72.04152	72.04152	0	-9999	1
1823.805	1827.805	1466.805	142.6998	229.6858	141.7911	140.4577	0	100	0	0	0	-9999	1
1823.81	1827.81	1466.81	139.9857	133.2303	140.1509	140.3161	0	100	0	0	0	-9999	1
1823.815	1827.815	1466.815	137.8145	96.42766	137.7319	137.3778	0	100	0	0	0	-9999	1
1823.82	1827.82	1466.82	139.7143	88.46281	139.6907	138.5107	0	100	0	0	0	-9999	1
1823.825	1827.825	1466.825	141.3899	237.8456	140.5167	136.5754	0	100	0	0	0	-9999	1
1823.83	1827.83	1466.83	144.1512	457.1994	139.9739	137.8735	0	0	100	100	0	-9999	1
1823.835	1827.835	1466.835	138.1921	173.8483	137.366	138.2157	0	88.74981	11.25019	11.25019	0	-9999	1
1823.84	1827.84	1466.84	136.1742	81.59799	136.422	137.9561	0	100	0	0	0	-9999	1
1823.845	1827.845	1466.845	133.9794	98.3771	134.1446	134.7582	0	100	0	0	0	-9999	1
1823.85	1827.85	1466.85	136.658	115.56	136.0798	135.5252	0	88.72829	11.27171	11.27171	0	-9999	1
1823.855	1827.855	1466.855	135.9264	100.5633	135.9854	135.8556	0	100	0	0	0	-9999	1
1823.86	1827.86	1466.86	137.0238	126.7693	136.2922	135.3836	0	84.68677	15.31323	15.31323	0	-9999	1
1823.865	1827.865	1466.865	137.8735	113.5967	137.3424	135.8084	0	96.24542	3.754577	3.754577	0	-9999	1
1823.87	1827.87	1466.87	145.9448	158.6009	144.1512	142.7942	0	66.56071	33.43929	33.43929	0	-9999	1
1823.875	1827.875	1466.875	155.0664	192.3958	154.3348	153.8864	0	100	0	0	0	-9999	1
1823.88	1827.88	1466.88	151.0071	108.6952	150.4761	148.6943	0	100	0	0	0	-9999	1
1823.885	1827.885	1466.885	153.9336	156.5818	152.199	149.0601	0	100	0	0	0	-9999	1
1823.89	1827.89	1466.89	151.2195	149.4385	149.4731	146.1808	0	89.02351	10.97649	10.97649	0	-9999	1
1823.895	1827.895	1466.895	148.6471	111.313	147.8683	144.6586	0	100	0	0	0	-9999	1
1823.9	1827.9	1466.9	150.6767	149.0625	149.1191	144.8474	0	100	0	0	0	-9999	1
1823.905	1827.905	1466.905	156.4116	208.047	156.2818	155.857	0	100	0	0	0	-9999	1
1823.91	1827.91	1466.91	157.8159	299.6986	156.4706	152.7418	0	100	0	0	0	-9999	1
1823.915	1827.915	1466.915	155.1254	233.4455	151.8567	151.7623	0	0	100	100	0	-9999	1
1823.92	1827.92	1466.92	149.1073	102.8747	148.4701	148.8477	0	100	0	0	0	-9999	1
1823.925	1827.925	1466.925	148.0217	136.1405	146.051	144.8474	0	59.92112	40.07888	40.07888	0	-9999	1
1823.93	1827.93	1466.93	152.2108	300.534	147.5143	145.2604	0	0	100	100	0	-9999	1
1823.935	1827.935	1466.935	149.9333	158.1274	147.9627	146.3342	0	67.29596	32.70404	32.70404	0	-9999	1
1823.94	1827.94	1466.94	153.615	416.8878	146.877	144.1276	0	0	100	100	0	-9999	1
1823.945	1827.945	1466.945	159.3617	515.3763	149.6737	145.9802	0	0	100	100	0	-9999	1
1823.95	1827.95	1466.95	153.6268	359.9084	148.2341	146.346	0	0	100	100	0	-9999	1
1823.955	1827.955	1466.955	147.4671	78.1447	146.9478	146.5348	0	100	0	0	0	-9999	1
1823.96	1827.96	1466.96	148.1751	95.1466	147.3137	144.4934	0	100	0	0	0	-9999	1
1823.965	1827.965	1466.965	149.4141	112.5662	148.1397	146.3106	0	100	0	0	0	-9999	1
1823.97	1827.97	1466.97	148.3757	122.2299	146.9596	144.8238	0	99.02355	0.976449	0.976449	0	-9999	1
1823.975	1827.975	1466.975	148.5999	117.4398	147.2665	145.9212	0	100	0	0	0	-9999	1
1823.98	1827.98	1466.98	145.6498	72.79766	144.517	143.4196	0	100	0	0	0	-9999	1
1823.985	1827.985	1466.985	146.877	76.73832	145.5672	144.104	0	95.86495	4.13505	4.13505	0	-9999	1
1823.99	1827.99	1466.99	151.3965	258.7882	146.3932	143.7028	0	0	100	100	0	-9999	1
1823.995	1827.995	1466.995	146.8416	105.6318	145.3902	143.0656	0	88.27523	11.72477	11.72477	0	-9999	1
1824	1828	1467	145.2014	85.44118	144.0568	144.3164	0	98.66487	1.335126	1.335126	0	-9999	1
1824.005	1828.005	1467.005	145.6144	63.84416	144.6114	144.3872	0	100	0	0	0	-9999	1
1824.01	1828.01	1467.01	149.6265	172.9571	146.6646	145.402	0	0	100	100	0	-9999	1
1824.015	1828.015	1467.015	148.8359	130.9745	146.8062	142.8178	0	57.83281	42.16719	42.16719	0	-9999	1
1824.02	1828.02	1467.02	145.4846	75.97247	144.7294	143.5612	0	100	0	0	0	-9999	1
1824.025	1828.025	1467.025	150.5823	154.1729	148.5055	145.8032	0	60.95968	39.04032	39.04032	0	-9999	1
1824.03	1828.03	1467.03	147.7149	187.926	143.8798	140.9415	0	0	100	100	0	-9999	1
1824.035	1828.035	1467.035	146.995	211.6257	145.0008	142.4166	0	60.55137	39.44863	39.44863	0	-9999	1
1824.04	1828.04	1467.04	141.2011	88.50458	140.3397	137.5903	0	94.97818	5.021823	5.021823	0	-9999	1
1824.045	1828.045	1467.045	140.1509	61.81118	139.2305	135.9264	3.23611	85.35204	11.41185	11.41185	0	-9999	1
1824.05	1828.05	1467.05	140.8117	44.0852	140.0447	138.5579	5.140032	85.10887	9.751095	9.751095	0	-9999	1
1824.055	1828.055	1467.055	140.2689	47.52457	140.1627	138.8175	0.219074	79.74202	20.03891	20.03891	0	-9999	1
1824.06	1828.06	1467.06	140.5639	59.56932	139.1597	135.6668	7.148199	63.42594	29.42586	19.29763	10.12823	-9999	1
1824.065	1828.065	1467.065	144.5288	163.1264	141.5079	138.2275	0	0	100	100	0	-9999	1
1824.07	1828.07	1467.07	138.4281	64.83281	138.1449	134.6992	0	100	0	0	0	-9999	1
1824.075	1828.075	1467.075	137.2598	62.52133	136.8586	135.596	1.700145	95.44567	2.854188	2.854188	0	-9999	1
1824.08	1828.08	1467.08	140.0801	86.4159	138.8647	137.7437	0	72.56392	27.43608	27.43608	0	-9999	1
1824.085	1828.085	1467.085	140.6701	100.5215	139.5019	135.8084	0	78.0682	21.9318	21.9318	0	-9999	1
1824.09	1828.09	1467.09	140.9887	91.19202	139.2069	134.8998	2.031141	48.56588	49.40298	49.40298	0	-9999	1
1824.095	1828.095	1467.095	141.2365	87.0982	139.8913	135.7376	0	70.53897	29.46103	29.46103	0	-9999	1

1824.1	1828.1	1467.1	137.2952	73.49389	137.0828	136.0798	0	100	0	0	0	-9999	1
1824.105	1828.105	1467.105	130.4511	47.51064	130.1207	128.5985	11.04806	67.97267	20.97927	2.601314	18.37795	20.10644	1
1824.11	1828.11	1467.11	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1824.415	1828.415	1467.415	87.55722	104.309	87.33302	85.62198	35.94217	7.945006	56.11282	37.3301	18.78272	27.68253	1
1824.42	1828.42	1467.42	88.73725	98.73914	88.85525	89.13846	33.55234	9.434117	57.01354	27.05681	29.95673	27.31778	1
1824.425	1828.425	1467.425	85.23257	67.70127	85.12637	86.17659	46.02539	4.877913	49.0967	32.03711	17.05959	28.36321	1
1824.43	1828.43	1467.43	82.17631	58.55283	81.84591	80.94909	52.78866	2.463394	44.74794	13.29731	31.45063	29.58029	1
1824.435	1828.435	1467.435	81.7869	59.2769	81.27949	79.55666	54.34347	1.911737	43.74479	13.9191	29.82569	29.93253	1
1824.44	1828.44	1467.44	79.58026	56.8958	78.69524	78.04623	59.87627	0.238613	39.88512	26.24174	13.64338	30.58203	1
1824.445	1828.445	1467.445	79.47406	55.65652	79.00205	78.44744	57.07307	1.106216	41.82072	26.7332	15.08751	30.08609	1
1824.45	1828.45	1467.45	78.61264	48.36004	77.82202	77.19661	62.10052	0	37.89948	16.39085	21.50863	30.6435	1
1824.455	1828.455	1467.455	79.50946	56.96543	78.89584	77.51522	57.82116	0.867048	41.31179	22.6789	18.63289	30.34303	1
1824.46	1828.46	1467.46	78.57724	57.10467	77.99903	77.82202	58.37075	0.727943	40.9013	20.37602	20.52528	30.15523	1
1824.465	1828.465	1467.465	78.64804	60.50227	78.09343	78.16423	57.30049	1.028298	41.67121	16.78567	24.88554	29.86554	1
1824.47	1828.47	1467.47	82.29431	227.1376	78.18783	77.12581	41.14718	4.368258	54.48456	36.53466	17.9499	25.38107	1
1824.475	1828.475	1467.475	82.91973	264.5808	77.86922	74.48255	38.8267	4.623866	56.54943	31.17967	25.36976	25.05461	1
1824.48	1828.48	1467.48	82.35332	208.5762	78.45924	74.42355	43.93864	3.596827	52.46454	25.41815	27.04639	26.47944	1
1824.485	1828.485	1467.485	81.7397	225.954	78.54184	71.09588	34.90206	6.438991	58.65895	41.52724	17.13172	26.29831	1
1824.49	1828.49	1467.49	78.09343	84.55	75.79238	71.06048	65.52606	0	34.47394	24.06024	10.4137	30.15723	1
1824.495	1828.495	1467.495	80.19387	160.5503	77.20841	72.78332	50.50579	2.545206	46.94901	19.70762	27.24139	27.88619	1
1824.5	1828.5	1467.5	84.28856	257.2286	78.95485	69.12524	41.54145	3.07835	55.3802	27.93331	27.44688	26.72325	1
1824.505	1828.505	1467.505	81.11429	244.4737	76.42959	70.38787	42.51861	4.478422	53.00297	20.40951	32.59346	25.88448	1
1824.51	1828.51	1467.51	82.50672	371.0759	74.22295	70.11646	38.49266	5.331154	56.17618	28.17962	27.99656	22.91515	1
1824.515	1828.515	1467.515	79.47406	234.1417	73.60934	70.71828	55.67316	1.884801	42.44203	27.23223	15.20981	26.654	1
1824.52	1828.52	1467.52	74.42355	85.60827	72.12251	70.60027	68.64625	0	31.35375	19.86676	11.48699	29.75852	1
1824.525	1828.525	1467.525	71.22569	48.01193	70.28167	70.57667	70.16963	0	29.83037	13.26937	16.561	29.48717	1
1824.53	1828.53	1467.53	71.39089	41.57877	70.55307	69.39665	70.7514	0	29.2486	5.854911	23.39369	29.7162	1
1824.535	1828.535	1467.535	73.86894	80.87392	72.0045	69.99846	66.91848	0	33.08152	5.756814	27.3247	30.04603	1
1824.54	1828.54	1467.54	76.7128	102.7076	74.44715	71.04868	62.12773	0.029736	37.84253	21.40502	16.43751	30.35933	1
1824.545	1828.545	1467.545	78.34123	152.0842	75.41477	74.32915	53.80176	2.116963	44.08128	27.55206	16.52921	27.67418	1
1824.55	1828.55	1467.55	80.06407	221.9577	77.78662	77.40901	30.27751	8.252741	61.46975	32.30314	29.16661	24.91594	1
1824.555	1828.555	1467.555	84.47736	242.942	80.90189	80.20567	31.19878	6.467071	62.33415	41.26473	21.06942	25.03439	1
1824.56	1828.56	1467.56	84.53636	201.5025	81.5391	80.12307	36.69172	5.206735	58.10154	40.52393	17.57762	25.97592	1
1824.565	1828.565	1467.565	80.60688	192.173	78.61264	78.40023	34.79117	6.934733	58.2741	29.70513	28.56898	25.49648	1
1824.57	1828.57	1467.57	76.6184	154.9944	74.41175	77.43261	49.10393	3.665578	47.23049	23.05118	24.17931	26.13284	1
1824.575	1828.575	1467.575	75.63898	60.14023	74.65956	72.34671	63.44871	0	36.55129	8.806323	27.74497	30.53426	1
1824.58	1828.58	1467.58	74.82476	47.66381	74.08135	76.32339	65.38805	0	34.61195	15.16552	19.44643	29.55536	1
1824.585	1828.585	1467.585	77.14941	75.79145	76.5948	79.83986	54.97925	1.703367	43.31738	22.08264	21.23474	28.5171	1
1824.59	1828.59	1467.59	76.7128	81.12456	75.89858	76.8072	56.10226	1.430877	42.46686	12.65515	29.81171	28.97948	1
1824.595	1828.595	1467.595	76.32339	76.94719	75.04897	74.61236	61.03806	0.161804	38.80013	18.48979	20.31034	30.1231	1
1824.6	1828.6	1467.6	75.10797	66.28096	75.07257	76.22899	55.13503	1.620212	43.24475	30.60923	12.63552	29.00019	1
1824.605	1828.605	1467.605	76.8898	61.72763	76.32339	77.24381	58.71298	0.670284	40.61673	28.59221	12.02452	29.81229	1
1824.61	1828.61	1467.61	79.17905	54.30583	78.63624	79.48586	58.22005	0.770688	41.00926	11.36464	29.64463	30.0292	1
1824.615	1828.615	1467.615	79.99327	55.78184	79.39145	79.60386	57.57104	0.938797	41.49017	14.08821	27.40196	30.05655	1
1824.62	1828.62	1467.62	77.99903	66.36451	77.52702	77.81022	55.83876	1.448676	42.71256	29.73412	12.97844	29.435	1
1824.625	1828.625	1467.625	76.29979	86.91718	76.38239	75.07257	48.13007	3.575212	48.29472	19.07144	29.22327	28.23641	1
1824.63	1828.63	1467.63	77.44441	87.23745	75.67438	74.18755	61.35746	0.014537	38.628	8.875878	29.75213	30.24807	1
1824.635	1828.635	1467.635	73.53853	76.78009	72.0871	72.40571	65.01235	0	34.98765	14.55264	20.43501	29.81239	1
1824.64	1828.64	1467.64	67.79182	63.30111	66.00998	64.07474	76.12189	0	23.87811	16.6931	7.18501	30.13096	1
1824.645	1828.645	1467.645	67.28441	66.30881	65.85658	65.32557	73.11729	0	26.88271	10.65543	16.22728	29.80521	1
1824.65	1828.65	1467.65	67.89802	76.19526	65.73857	64.47595	75.83026	0	24.16974	5.890498	18.27924	30.18197	1
1824.655	1828.655	1467.655	65.24296	64.90243	63.61453	62.50531	76.89044	0	23.10956	13.31899	9.790565	30.11487	1
1824.66	1828.66	1467.66	67.0838	57.04897	65.21936	63.59093	78.92645	0	21.07355	9.934227	11.13933	30.17975	1
1824.665	1828.665	1467.665	68.25203	45.99286	67.50861	67.1664	71.83933	0	28.16067	11.4068	16.75387	29.4911	1
1824.67	1828.67	1467.67	71.36729	78.28395	71.54429	72.64172	54.0256	1.89947	44.07493	20.58997	23.48496	28.37974	1
1824.675	1828.675	1467.675	71.19029	69.94313	70.83628	70.04566	60.32226	0.442926	39.23482	18.81104	20.42378	29.86131	1
1824.68	1828.68	1467.68	69.92766	87.41847	67.50861	65.12496	73.25892	0	26.74108	14.55021	12.19087	30.29637	1
1824.685	1828.685	1467.685	69.30225	80.72075	67.39061	65.83298	71.52272	0	28.47728	5.23186	23.24542	30.09656	1
1824.69	1828.69	1467.69	68.00422	47.0929	66.44659	64.86536	78.11128	0	21.88872	4.524094	17.36462	29.93703	1
1824.695	1828.695	1467.695	68.84204	60.4048	67.34341	65.32557	73.66175	0	26.33825	20.45166	5.886584	29.99145	1
1824.7	1828.7	1467.7	72.45291	53.76277	72.44111	73.17273	60.42418	0.175967	39.39985	18.14211	21.25774	30.04387	1
1824.705	1828.705	1467.705	73.63294	70.7786	74.56516	73.77454	47.90458	3.361831	48.73359	16.03594	32.69765	28.32425	1
1824.71	1828.71	1467.71	74.68316	71.47483	75.30857	75.48557	49.14764	3.151015	47.70135	22.21437	25.48698	28.30271	1
1824.715	1828.715	1467.715	74.04595	96.734	73.07833	68.66503	55.96716	1.717779	42.31506	15.51532	26.79974	29.4227	1
1824.72	1828.72	1467.72	72.35851	95.02128	70.03386	69.10164	68.45104	0	31.54896	16.69021	14.85875	29.91255	1
1824.725	1828.725	1467.725	71.8629	92.29207	70.90708	65.32557	58.95905	1.107029	39.93392	23.09631	16.8376	30.04675	1
1824.73	1828.73	1467.73	72.97212	123.4135	70.11646	66.9776	65.13094	0.324761	34.5443	23.25565	11.28865	30.09689	1
1824.735	1828.735	1467.735	72.13431	119.2222	68.31103	65.14856	74.41508	0	25.58492	20.58525	4.999676	30.4315	1
1824.74	1828.74	1467.74	70.18727	79.6207	66.74159	65.16036	82.86345	0	17.13655	9.609302	7.527244	30.52257	1
1824.745	1828.745	1467.745	71.40269	94.63139	68.70044	63.61453	72.35121	0	27.64879	20.51228	7.136508	30.6943	1
1824.75	1828.75	1467.75	71.55609	84.41076	68.93644	64.09834	74.04331	0	25.95669	10.1153	15.84139	30.55194	1
1824.755	1828.755	1467.755	73.14913	84.46646	70.98968	68.08682	68.99762	0	31.00238	22.77905	8.223339	30.13536	1
1824.76	1828.76	1467.76	74.25835	94.04656	73.01932	72.45291	58.5255	1.087385	40.38712	17.7889	22.59822	29.1839	1

1824.765	1828.765	1467.765	77.03141	78.74346	76.29979	75.14337	55.74521	1.505347	42.74945	18.29885	24.45059	29.37489	1
1824.77	1828.77	1467.77	76.20539	51.11711	75.78058	75.27317	60.81297	0.088916	39.09811	9.455342	29.64277	30.62553	1
1824.775	1828.775	1467.775	78.65984	36.07857	78.11703	77.51522	63.10872	0	36.89128	14.22809	22.66319	30.72676	1
1824.78	1828.78	1467.78	81.4093	75.19269	79.93427	78.32943	58.3383	0.399133	41.26257	28.7076	12.55497	30.26512	1
1824.785	1828.785	1467.785	86.271	96.55299	85.64558	84.07615	42.11181	5.520024	52.36817	34.00945	18.35872	28.10592	1
1824.79	1828.79	1467.79	85.50398	140.6103	84.30036	78.90764	36.63673	6.407568	56.9557	29.7218	27.23391	27.77451	1
1824.795	1828.795	1467.795	81.3739	58.52498	81.5509	83.53334	49.60119	3.562299	46.83651	21.07487	25.76164	28.57703	1
1824.8	1828.8	1467.8	81.26769	134.5531	81.5273	82.89613	30.65992	8.876859	60.46322	41.76266	18.70056	26.27798	1
1824.805	1828.805	1467.805	80.33547	97.5834	81.11429	83.67494	36.44036	7.384447	56.1752	31.00083	25.17436	26.73342	1
1824.81	1828.81	1467.81	76.41779	140.2483	78.12883	80.04047	22.49502	10.77802	66.72696	49.42996	17.297	26.22889	1
1824.815	1828.815	1467.815	75.35577	85.66397	75.41477	80.64228	49.48475	3.180389	47.33486	29.44465	17.89021	27.14207	1
1824.82	1828.82	1467.82	74.39995	91.9718	74.74216	80.83108	46.64276	3.896068	49.46117	31.63572	17.82544	26.52471	1
1824.825	1828.825	1467.825	75.03717	72.03181	75.08437	72.35851	53.1683	2.151772	44.67993	17.42842	27.2515	29.31797	1
1824.83	1828.83	1467.83	78.60084	80.67897	78.42384	78.78964	49.5347	3.244958	47.22035	27.1914	20.02895	28.32443	1
1824.835	1828.835	1467.835	78.02263	53.53998	77.99903	76.45319	55.44541	1.594325	42.96026	27.96506	14.9952	29.96293	1
1824.84	1828.84	1467.84	75.59178	52.63488	74.02234	72.64172	69.88102	0	30.11898	11.07951	19.03946	29.69022	1
1824.845	1828.845	1467.845	79.49766	65.34802	78.12883	76.7364	61.65635	0	38.34365	20.16402	18.17963	30.4347	1
1824.85	1828.85	1467.85	81.6217	91.45659	80.55968	79.21445	51.00621	2.585912	46.40788	25.99034	20.41754	28.807	1
1824.855	1828.855	1467.855	79.42686	51.10318	78.76604	76.8662	59.68163	0.339307	39.97906	27.89106	12.08801	30.87346	1
1824.86	1828.86	1467.86	80.35907	58.07939	79.79266	78.69524	56.40413	1.277101	42.31877	25.57126	16.74751	30.07953	1
1824.865	1828.865	1467.865	80.79568	75.98639	79.26165	78.51824	59.16801	0.209573	40.62242	17.27773	23.34469	30.19289	1
1824.87	1828.87	1467.87	81.3857	75.83322	80.68948	75.89858	52.16918	2.419834	45.41098	16.92015	28.49083	29.86157	1
1824.875	1828.875	1467.875	79.66286	66.42021	79.27345	76.42959	53.65439	2.082712	44.2629	14.70071	29.56219	29.78039	1
1824.88	1828.88	1467.88	78.04623	76.27881	76.39419	72.29951	62.54126	0	37.45874	18.07427	19.38447	30.65664	1
1824.885	1828.885	1467.885	78.61264	62.54918	77.04321	75.83958	64.70257	0	35.29743	8.607948	26.68948	29.95087	1
1824.89	1828.89	1467.89	80.81928	80.02452	80.05227	72.73612	52.2247	2.376511	45.39879	14.98685	30.41194	30.22426	1
1824.895	1828.895	1467.895	82.71912	90.07806	83.40354	79.53306	36.79531	7.710264	55.49443	25.26728	30.22715	28.13666	1
1824.9	1828.9	1467.9	79.80446	80.72075	79.49766	79.07285	49.42322	3.289236	47.28754	16.96877	30.31877	28.52331	1
1824.905	1828.905	1467.905	79.39145	84.91204	77.62142	77.22021	60.12893	0.074954	39.79612	24.92764	14.86848	30.022	1
1824.91	1828.91	1467.91	83.01413	63.99733	83.12033	83.21473	47.31658	4.374499	48.30892	18.00341	30.30551	28.63734	1
1824.915	1828.915	1467.915	80.67768	55.12738	81.07889	84.13515	49.32634	3.662246	47.01141	28.84758	18.16383	28.37299	1
1824.92	1828.92	1467.92	82.57752	44.39154	82.67192	83.41534	52.55431	2.843367	44.60232	20.846	23.75632	29.49399	1
1824.925	1828.925	1467.925	85.43318	78.15862	84.12335	82.47132	52.63825	1.846748	45.51501	30.23721	15.27779	29.58335	1
1824.93	1828.93	1467.93	86.05859	66.28096	85.75179	84.61896	47.16385	4.458747	48.3774	30.24906	18.12834	28.95156	1
1824.935	1828.935	1467.935	89.23286	123.1071	88.20624	87.38022	36.07016	6.899401	57.03044	38.62495	18.4055	27.38732	1
1824.94	1828.94	1467.94	83.56874	122.7312	83.27373	80.01687	35.70211	7.369298	56.92859	39.8183	17.11029	27.50158	1
1824.945	1828.945	1467.945	82.34152	149.5081	81.84591	82.32972	31.90582	8.200964	59.89322	31.2393	28.65392	26.23668	1
1824.95	1828.95	1467.95	80.87829	66.00247	81.12609	82.66012	47.69889	4.0681	48.23301	15.23342	32.99959	28.28612	1
1824.955	1828.955	1467.955	83.52154	46.67517	82.82533	80.61868	57.26045	1.049115	41.69043	29.46566	12.22478	30.81944	1
1824.96	1828.96	1467.96	86.82561	25.66299	85.90519	85.23257	61.04324	0	38.95676	20.75124	18.20551	31.70691	1
1824.965	1828.965	1467.965	84.41836	18.99312	84.44196	84.58356	57.55587	1.663552	40.78058	17.31586	23.46472	30.91734	1
1824.97	1828.97	1467.97	85.65738	12.01691	85.46858	84.30036	59.75035	1.024911	39.22474	23.08772	16.13702	31.74631	1
1824.975	1828.975	1467.975	84.87857	22.47426	84.18235	83.25013	61.86861	0	38.13139	8.131074	30.00032	31.71915	1
1824.98	1828.98	1467.98	86.76661	97.40238	84.54816	84.51276	53.7963	0.536448	45.66725	20.39837	25.26889	29.28899	1
1824.985	1828.985	1467.985	85.91699	51.15888	84.84317	83.74574	56.89804	0.885255	42.2167	11.93507	30.28163	30.63205	1
1824.99	1828.99	1467.99	86.4716	31.85942	85.78719	84.07615	58.04036	1.026031	40.93361	18.18844	22.74517	31.26988	1
1824.995	1828.995	1467.995	86.4008	46.85619	84.71336	82.63652	62.24969	0	37.75031	14.47657	23.27374	30.26095	1
1825	1829	1468	86.5778	38.9331	86.5424	87.38022	51.20097	3.759755	45.03928	20.10425	24.93503	29.52559	1
1825.005	1829.005	1468.005	84.31216	39.39262	83.56874	86.4952	58.66127	0.653824	40.6849	10.69887	29.98603	30.29519	1
1825.01	1829.01	1468.01	86.2592	54.48685	85.92879	82.81353	50.01637	3.663537	46.32009	20.60853	25.71156	29.86063	1
1825.015	1829.015	1468.015	86.71941	55.35018	87.80503	81.22049	38.40983	8.969009	52.62116	33.33242	19.28874	29.29224	1
1825.02	1829.02	1468.02	88.21804	56.49199	87.95843	84.51276	47.18029	4.884282	47.93543	15.60632	32.32911	29.60454	1
1825.025	1829.025	1468.025	87.22682	54.20836	86.389	84.83137	53.12599	2.268012	44.606	17.84627	26.75973	30.10257	1
1825.03	1829.03	1468.03	88.60744	27.32001	89.04405	89.55146	48.48599	5.788688	45.72532	23.56574	22.15958	29.39104	1
1825.035	1829.035	1468.035	89.28006	35.7026	90.94389	93.32754	36.3276	11.91892	51.75348	34.61571	17.13777	27.68855	1
1825.04	1829.04	1468.04	92.10032	25.53767	92.77293	93.39834	43.87484	9.061223	47.06394	32.83418	14.22976	28.80918	1
1825.045	1829.045	1468.045	88.39504	23.96419	88.78445	89.23286	49.85932	5.252246	44.88844	27.0389	17.84953	29.63432	1
1825.05	1829.05	1468.05	90.95569	31.31636	90.44828	90.17688	52.67463	3.461997	43.86337	27.3537	16.50966	30.24629	1
1825.055	1829.055	1468.055	90.95569	38.08371	91.0973	90.68429	46.00708	6.706142	47.28677	15.55453	31.73225	29.17166	1
1825.06	1829.06	1468.06	91.76991	28.72639	92.11212	91.66371	45.96779	7.495334	46.53687	19.47687	27.06	29.26286	1
1825.065	1829.065	1468.065	91.98231	31.35814	92.35992	92.79653	44.86114	7.982156	47.1567	27.8764	19.2803	28.93337	1
1825.07	1829.07	1468.07	94.69637	43.48644	94.27156	94.36596	45.64789	6.627775	47.72434	18.53623	29.18811	29.10819	1
1825.075	1829.075	1468.075	92.26552	29.1859	92.19472	92.28912	48.60144	5.942297	45.45626	19.95035	25.50591	29.56269	1
1825.08	1829.08	1468.08	96.018	34.1152	95.69939	95.81739	45.87676	7.375911	46.74732	16.1982	30.54913	29.21517	1
1825.085	1829.085	1468.085	97.16262	23.54645	96.67881	95.959	48.66168	6.475385	44.86294	24.64834	20.2146	29.90099	1
1825.09	1829.09	1468.09	99.38107	23.69962	99.29846	99.22766	43.47427	10.60995	45.91577	18.10676	27.80901	28.92477	1
1825.095	1829.095	1468.095	101.5877	31.88727	101.2219	101.7647	41.65759	11.08147	47.26093	17.54801	29.71292	28.57908	1
1825.1	1829.1	1468.1	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1825.42	1829.42	1468.42	106.6736	59.08196	105.9066	103.3813	33.50681	14.10978	52.3834	38.06923	14.31417	28.26593	1
1825.425	1829.425	1468.425	105.411	96.67831	104.3844	99.64067	27.58205	13.32257	59.09538	24.74587	34.34951	28.4521	1
1825.43	1829.43	1468.43	109.7535	106.885	108.7387	107.5704	21.02549	17.72412	61.2504	41.08376	20.16663	27.52762	1
1825.435	1829.435	1468.435	107.4642	82.29422	107.1574	108.9629	23.59545	20.8401	55.56445	38.84242	16.72204	26.6526	1
1825.44	1829.44	1468.44	107.2636	85.49687	106.3668	103.4757	27.57756	15.21572	57.20672	37.8032	19.40352	28.00955	1

1825.445	1829.445	1468.445	102.9801	65.15307	101.5877	100.6555	40.28255	6.77852	52.93893	37.66281	15.27612	28.92267	1
1825.45	1829.45	1468.45	100.5729	64.01126	99.32206	96.63161	41.67612	6.453447	51.87044	17.89267	33.97776	29.29769	1
1825.455	1829.455	1468.455	97.28062	94.3529	95.81739	95.15658	39.00846	5.783447	55.2081	38.26161	16.94649	28.35266	1
1825.46	1829.46	1468.46	97.03282	82.336	96.2894	94.55477	36.56597	8.881735	54.5523	37.20179	17.35051	28.30096	1
1825.465	1829.465	1468.465	95.54599	48.15117	95.23918	95.13298	42.82286	8.081758	49.09539	17.3032	31.79219	28.75221	1
1825.47	1829.47	1468.47	95.26278	59.56932	94.64917	92.53693	42.69796	7.060332	50.2417	26.71694	23.52477	29.05593	1
1825.475	1829.475	1468.475	94.02376	73.75846	92.84373	92.24192	44.79379	4.618513	50.5877	21.636	28.9517	28.91553	1
1825.48	1829.48	1468.48	98.33084	60.20985	97.37502	98.17744	42.37244	6.871818	50.75574	29.83649	20.91925	28.61847	1
1825.485	1829.485	1468.485	95.86459	47.30177	95.72299	95.34538	41.45497	9.135448	49.40958	17.31708	32.09251	28.63276	1
1825.49	1829.49	1468.49	98.16564	52.06398	98.46065	98.36624	34.80183	13.88102	51.31715	34.28118	17.03597	27.84171	1
1825.495	1829.495	1468.495	99.29846	110.7421	98.14204	97.46943	30.8081	9.566904	59.62499	36.71462	22.91037	27.73541	1
1825.5	1829.5	1468.5	93.30394	98.00114	91.98231	90.03527	40.68671	5.336494	53.9768	22.84991	31.12689	28.46106	1
1825.505	1829.505	1468.505	89.95267	107.5812	88.63104	85.66918	41.45149	4.946191	53.60232	30.81054	22.79177	28.39434	1
1825.51	1829.51	1468.51	93.03254	124.987	90.58989	88.51304	43.09376	2.160738	54.7455	35.82091	18.92459	28.49973	1
1825.515	1829.515	1468.515	90.75509	46.71694	89.78747	89.31546	52.69887	2.50504	44.79609	30.93637	13.85972	30.12676	1
1825.52	1829.52	1468.52	94.12996	119.4589	90.83769	89.69307	50.00646	0	49.99354	13.21634	36.7772	26.88349	1
1825.525	1829.525	1468.525	94.64917	94.99343	92.14752	92.94993	49.32215	0.009511	50.66834	28.68535	21.98299	29.24425	1
1825.53	1829.53	1468.53	89.81107	39.19767	89.42166	89.44526	50.90589	3.946271	45.14784	31.24812	13.89971	29.75977	1
1825.535	1829.535	1468.535	83.99355	27.72382	83.81655	83.79295	57.38855	1.46524	41.14621	25.30876	15.83745	30.75987	1
1825.54	1829.54	1468.54	88.33604	64.73534	87.71063	86.97901	47.91184	4.134023	47.95413	18.01215	29.94199	29.10278	1
1825.545	1829.545	1468.545	91.0855	76.16741	89.15026	88.13543	52.76694	0.689511	46.54355	31.12832	15.41523	29.96392	1
1825.55	1829.55	1468.55	85.65738	37.44318	85.63378	84.27676	52.31686	3.287637	44.3955	16.01197	28.38353	30.0789	1
1825.555	1829.555	1468.555	82.83713	66.68478	82.12911	79.76906	53.13924	2.168422	44.69234	19.20045	25.49188	29.79345	1
1825.56	1829.56	1468.56	84.39476	141.418	81.4565	80.53608	50.9052	1.312609	47.7822	20.97571	26.80649	28.07659	1
1825.565	1829.565	1468.565	79.81626	39.30907	79.35605	77.12581	60.62287	0.123707	39.25343	14.0034	25.25003	31.35152	1
1825.57	1829.57	1468.57	81.4329	53.44251	81.26769	79.89887	53.42897	2.320152	44.25087	23.7681	20.48277	29.7999	1
1825.575	1829.575	1468.575	77.04321	46.38275	75.28497	74.30555	71.52195	0	28.47805	6.561921	21.91612	29.40503	1
1825.58	1829.58	1468.58	75.47377	28.25296	74.87196	73.99874	68.39096	0	31.60904	13.73593	17.87312	29.98617	1
1825.585	1829.585	1468.585	80.84288	57.04897	79.67466	78.78964	60.87243	0	39.12757	8.634554	30.49302	30.65697	1
1825.59	1829.59	1468.59	83.26193	70.11022	82.14091	80.12307	55.12028	1.357361	43.52236	27.62329	15.89907	30.00972	1
1825.595	1829.595	1468.595	73.13733	27.84914	72.54731	71.9219	70.54676	0	29.45324	9.382119	20.07112	29.67356	1
1825.6	1829.6	1468.6	73.90434	92.6541	71.50889	70.04566	68.15044	0	31.84956	11.27899	20.57056	29.83061	1
1825.605	1829.605	1468.605	77.50342	154.1172	72.73612	68.34643	68.34706	0	31.65294	16.90011	14.75282	29.28029	1
1825.61	1829.61	1468.61	88.86705	153.602	94.30696	86.05859	0	37.15323	62.84677	62.84677	0	-9999	1
1825.615	1829.615	1468.615	90.53088	75.44333	92.58413	92.24192	22.54167	17.54458	59.91375	46.00296	13.91078	27.51457	1
1825.62	1829.62	1468.62	92.10032	57.16037	91.62831	89.28006	45.09297	5.915613	48.99141	34.58338	14.40803	29.2882	1
1825.625	1829.625	1468.625	87.84043	96.9568	85.91699	84.61896	50.62992	1.601105	47.76898	28.83521	18.93377	29.13576	1
1825.63	1829.63	1468.63	84.48916	95.03521	83.09673	82.81353	50.06277	2.533002	47.40422	20.84059	26.56364	28.62644	1
1825.635	1829.635	1468.635	80.58328	47.87268	80.14667	79.61566	57.66191	0.975162	41.36292	14.29548	27.06744	30.38093	1
1825.64	1829.64	1468.64	79.22625	72.37993	77.23201	75.24957	65.05127	0	34.94873	16.76824	18.18049	29.7542	1
1825.645	1829.645	1468.645	82.25891	112.8169	79.96967	77.82202	54.76178	1.003578	44.23464	20.54723	23.68741	29.14802	1
1825.65	1829.65	1468.65	80.96089	92.97437	80.27647	80.53608	48.3204	3.495427	48.18418	22.79323	25.39095	28.10947	1
1825.655	1829.655	1468.655	81.6453	111.0345	79.67466	77.68042	53.28843	1.620657	45.09091	30.49851	14.5924	28.87834	1
1825.66	1829.66	1468.66	81.95211	89.60462	81.14969	78.44744	49.13847	3.219034	47.6425	29.13903	18.50346	28.87244	1
1825.665	1829.665	1468.665	85.61018	117.8854	84.72516	81.12609	39.56925	5.903033	54.52772	34.79587	19.73185	27.93808	1
1825.67	1829.67	1468.67	84.59536	97.68088	83.88735	80.94909	44.02061	4.781428	51.19796	29.29646	21.9015	28.40667	1
1825.675	1829.675	1468.675	86.81381	147.6144	84.59536	80.87829	41.60157	3.930394	54.46804	21.59848	32.86956	27.76165	1
1825.68	1829.68	1468.68	82.24711	72.18498	81.18509	77.12581	55.09456	1.425243	43.4802	27.95117	15.52903	30.27607	1
1825.685	1829.685	1468.685	77.60962	54.20836	76.7954	75.73338	61.79091	0	38.20909	11.06127	27.14782	30.64844	1
1825.69	1829.69	1468.69	77.66862	89.18689	75.82778	75.10797	61.22814	0.025813	38.74605	11.45136	27.29469	30.05058	1
1825.695	1829.695	1468.695	78.30583	131.0442	74.55336	70.50587	65.32765	0	34.67235	23.98224	10.69011	29.40387	1
1825.7	1829.7	1468.7	82.95513	124.8199	81.05529	79.34425	48.19863	2.881765	48.91961	23.192	25.72761	28.04036	1
1825.705	1829.705	1468.705	85.89339	124.611	86.2474	88.02923	28.07866	10.5566	61.36474	28.83816	32.52658	26.54239	1
1825.71	1829.71	1468.71	85.91699	120.4336	86.69581	87.94663	25.77561	11.75884	62.46555	31.90903	30.55652	26.73216	1
1825.715	1829.715	1468.715	89.48066	132.8543	89.40986	88.78445	26.07575	11.38372	62.54053	42.85432	19.6862	27.02894	1
1825.72	1829.72	1468.72	86.3536	80.6372	86.6368	87.86403	38.84564	7.576826	53.57753	37.71305	15.86448	27.55061	1
1825.725	1829.725	1468.725	83.63954	71.11279	83.17933	81.05529	49.40895	3.42283	47.16822	18.0002	29.16802	29.20755	1
1825.73	1829.73	1468.73	84.54816	92.62626	84.52456	85.94059	39.98304	6.539871	53.47709	21.89204	31.58505	27.35487	1
1825.735	1829.735	1468.735	85.10277	81.27773	85.14997	85.17357	41.67043	6.236018	52.09355	21.72459	30.36896	27.92532	1
1825.74	1829.74	1468.74	82.34152	84.55	80.73668	79.22625	56.22216	0.850741	42.9271	18.25368	24.67342	29.77875	1
1825.745	1829.745	1468.745	83.61594	115.2537	82.66012	81.5627	42.58954	4.958093	52.45236	36.90705	15.54531	27.60378	1
1825.75	1829.75	1468.75	84.59536	131.81	84.99657	82.74272	27.16488	10.55667	62.27844	34.20964	28.06881	27.15722	1
1825.755	1829.755	1468.755	85.73999	149.9816	85.71638	82.30611	25.00658	10.92023	64.07319	37.60886	26.46433	27.21236	1
1825.76	1829.76	1468.76	82.83713	61.78333	83.53334	85.72819	43.44262	5.892632	50.66475	21.34893	29.31582	27.88365	1
1825.765	1829.765	1468.765	82.78992	47.85876	82.88433	83.09673	51.51984	3.161185	45.31898	14.08963	31.22935	29.38895	1
1825.77	1829.77	1468.77	82.82533	76.06994	83.20293	83.48614	42.46532	5.906617	51.62807	28.89229	22.73578	27.92927	1
1825.775	1829.775	1468.775	80.96089	65.34802	81.22049	79.89887	47.68982	4.086855	48.22332	19.63358	28.58975	28.82005	1
1825.78	1829.78	1468.78	82.37692	138.1457	81.24409	78.09343	39.56136	5.71808	54.72056	38.71834	16.00222	27.31265	1
1825.785	1829.785	1468.785	81.14969	104.2672	79.71006	75.22597	51.26675	2.406161	46.32709	17.6395	28.68758	29.14552	1
1825.79	1829.79	1468.79	77.17301	43.40289	76.524	74.48255	63.52718	0	36.47282	6.521777	29.95104	30.71083	1
1825.795	1829.795	1468.795	77.98723	43.38897	76.9134	75.46197	66.07374	0	33.92626	9.355625	24.57063	30.17698	1
1825.8	1829.8	1468.8	82.63652	50.30948	82.50672	82.30611	52.80548	2.625533	44.56899	25.32496	19.24403	29.60335	1
1825.805	1829.805	1468.805	84.85497	50.53227	84.84317	85.45678	49.79607	3.864305	46.33962	14.70414	31.63548	29.12607	1

1825.81	1829.81	1468.81	85.95239	36.83049	85.62198	85.10277	54.57147	2.350165	43.07836	24.20657	18.87179	30.31146	1
1825.815	1829.815	1468.815	87.20322	70.84822	86.20019	85.45678	50.40118	2.816595	46.78222	30.75472	16.0275	29.3028	1
1825.82	1829.82	1468.82	86.507	62.21499	85.64558	83.23833	52.03352	2.496347	45.47013	31.31047	14.15966	29.92663	1
1825.825	1829.825	1468.825	87.01441	49.98921	86.12939	85.10277	54.70824	1.752504	43.53925	24.57922	18.96004	30.30745	1
1825.83	1829.83	1468.83	84.85497	31.59485	84.58356	84.99657	56.39087	1.762542	41.84659	23.11735	18.72923	30.47894	1
1825.835	1829.835	1468.835	85.95239	52.96907	85.31518	84.97297	53.04369	2.428853	44.52746	30.91204	13.61542	29.79998	1
1825.84	1829.84	1468.84	84.01715	57.66165	83.50974	82.74272	52.68253	2.49996	44.81751	13.09929	31.71821	29.6436	1
1825.845	1829.845	1468.845	82.40052	29.01881	82.10551	81.84591	59.45527	0.641727	39.903	17.16284	22.74017	31.08779	1
1825.85	1829.85	1468.85	85.79899	37.5128	85.38598	84.41836	55.18765	2.064594	42.74776	27.65859	15.08916	30.48288	1
1825.855	1829.855	1468.855	85.38598	37.38748	85.02017	84.54816	55.23214	2.05404	42.71382	17.72969	24.98413	30.37973	1
1825.86	1829.86	1468.86	85.77539	41.75979	85.27978	85.05557	54.82175	2.072282	43.10596	17.38857	25.71739	30.22099	1
1825.865	1829.865	1468.865	83.67494	47.27392	82.73092	82.25891	58.89491	0.418647	40.68644	23.02366	17.66278	30.79368	1
1825.87	1829.87	1468.87	82.63652	69.55324	81.7043	82.95513	54.36721	1.690194	43.94259	21.47392	22.46867	29.25049	1
1825.875	1829.875	1468.875	83.19113	49.93352	82.63652	81.84591	55.67848	1.575847	42.74567	27.20116	15.54451	30.202	1
1825.88	1829.88	1468.88	82.34152	53.19187	82.18811	82.47132	52.56225	2.648217	44.78953	19.30726	25.48228	29.41518	1
1825.885	1829.885	1468.885	86.3654	75.90284	85.04377	84.34756	52.41796	1.874521	45.70752	24.25895	21.44858	29.46605	1
1825.89	1829.89	1468.89	86.6722	41.88511	85.99959	84.72516	55.33813	1.811981	42.84989	30.51875	12.33114	30.55234	1
1825.895	1829.895	1468.895	88.35964	55.46157	87.95843	86.84921	48.3968	4.34901	47.25419	29.28676	17.96744	29.34597	1
1825.9	1829.9	1468.9	90.41288	64.38722	89.43346	89.12666	48.82895	3.525657	47.6454	25.08189	22.56351	29.27288	1
1825.905	1829.905	1468.905	90.36568	73.47997	89.24466	88.85525	47.76935	3.557106	48.67354	22.69076	25.98278	29.04023	1
1825.91	1829.91	1468.91	88.31244	66.99112	87.56902	85.38598	48.30217	3.844097	47.85373	31.68115	16.17258	29.39134	1
1825.915	1829.915	1468.915	86.4362	79.69033	86.01139	86.2238	44.4859	5.115478	50.39862	16.85258	33.54604	28.23065	1
1825.92	1829.92	1468.92	84.34756	37.66597	84.53636	84.72516	51.82185	3.411628	44.76652	32.12828	12.63824	29.65867	1
1825.925	1829.925	1468.925	85.61018	49.19551	84.80777	83.09673	55.55205	1.529177	42.91878	29.62739	13.29139	30.50463	1
1825.93	1829.93	1468.93	85.82259	90.34263	83.34454	80.73668	58.3852	0	41.6148	9.39438	32.22042	29.46052	1
1825.935	1829.935	1468.935	87.79323	136.2798	85.23257	82.04651	46.09558	2.14037	51.76405	24.44501	27.31904	28.34834	1
1825.94	1829.94	1468.94	90.27128	216.0676	87.45102	87.81683	26.51907	6.699798	66.78114	29.90474	36.87639	25.96245	1
1825.945	1829.945	1468.945	92.83193	190.8084	89.57506	84.27676	33.65971	3.225075	63.11522	27.68067	35.43455	27.7065	1
1825.95	1829.95	1468.95	89.84647	89.67425	87.99383	85.31518	49.99803	1.696159	48.30582	33.23209	15.07373	29.56336	1
1825.955	1829.955	1468.955	90.64889	125.0984	88.30064	87.53362	44.52815	2.331977	53.13988	21.32896	31.81091	28.16418	1
1825.96	1829.96	1468.96	90.43648	78.00545	89.68127	90.10608	43.77404	5.359993	50.86597	25.38111	25.48486	28.34513	1
1825.965	1829.965	1468.965	91.3333	226.6363	87.42742	85.52758	31.39794	3.36631	65.23575	44.18789	21.04786	26.39921	1
1825.97	1829.97	1468.97	88.81985	91.54014	88.02923	86.70761	42.2603	5.512368	52.22733	27.61844	24.60889	28.2721	1
1825.975	1829.975	1468.975	90.89669	53.21972	90.44828	90.23588	46.97104	5.161875	47.86708	33.17786	14.68922	29.12379	1
1825.98	1829.98	1468.98	90.54268	39.44831	90.36568	90.80229	48.52602	5.198779	46.2752	17.39085	28.88436	29.33874	1
1825.985	1829.985	1468.985	89.11485	37.19253	89.62227	90.10608	45.08131	7.048556	47.87013	21.80087	26.06926	28.84585	1
1825.99	1829.99	1468.99	87.76963	50.99178	88.57204	88.99685	40.6932	8.290995	51.0158	33.07643	17.93937	28.22992	1
1825.995	1829.995	1468.995	89.61046	58.99841	89.55146	89.62227	43.73802	6.513931	49.74805	25.73261	24.01544	28.55929	1
1826	1830	1469	90.70789	107.9294	89.09125	87.95843	42.95875	4.015052	53.0262	26.77939	26.24681	28.25489	1
1826.005	1830.005	1469.005	90.71969	217.098	88.44224	88.40684	21.65038	8.818786	69.53083	35.71042	33.82041	26.21524	1
1826.01	1830.01	1469.01	88.64285	160.8984	86.5896	82.61292	35.42379	5.588582	58.98763	28.43144	30.55619	27.41846	1
1826.015	1830.015	1469.015	85.95239	57.73128	85.36238	85.31518	51.52543	2.904781	45.56979	17.77357	27.79622	29.44263	1
1826.02	1830.02	1469.02	86.271	52.06398	86.04679	85.64558	49.76879	3.863856	46.36736	30.38504	15.98231	29.34932	1
1826.025	1830.025	1469.025	87.98203	80.09414	86.2828	84.61896	52.84282	1.249542	45.90764	19.87184	26.0358	29.77781	1
1826.03	1830.03	1469.03	92.71393	115.9917	90.68429	89.55146	42.36292	3.27406	54.36302	23.30032	31.0627	28.28804	1
1826.035	1830.035	1469.035	90.43648	91.13633	88.72545	88.46584	48.00397	2.450938	49.54509	18.56245	30.98265	28.86419	1
1826.04	1830.04	1469.04	93.35114	93.6706	91.62831	90.31848	44.80064	3.243589	51.95577	19.87077	32.085	28.85184	1
1826.045	1830.045	1469.045	94.67277	109.4889	92.94993	91.76991	39.75671	4.647485	55.5958	21.38633	34.20947	28.2492	1
1826.05	1830.05	1469.05	92.44252	89.25651	91.3569	92.85553	41.76638	5.500321	52.7333	27.08239	25.65091	27.9425	1
1826.055	1830.055	1469.055	96.71421	308.8331	92.07672	91.98231	12.22591	4.285106	83.48899	51.45438	32.0346	26.8764	1
1826.06	1830.06	1469.06	95.41618	117.8715	93.18594	90.87309	40.97661	2.922391	56.101	19.01263	37.08837	28.6078	1
1826.065	1830.065	1469.065	94.86157	89.45145	94.34236	95.67579	35.10398	9.341618	55.5544	39.94113	15.61327	27.48716	1
1826.07	1830.07	1469.07	96.53721	62.02005	96.1714	97.44583	39.01193	9.337483	51.65059	31.35951	20.29108	28.01401	1
1826.075	1830.075	1469.075	98.63765	92.8212	96.74961	93.55175	41.42293	3.714515	54.86255	22.4094	32.45316	29.23062	1
1826.08	1830.08	1469.08	101.4933	143.3813	99.49907	97.11542	27.38324	7.256198	65.36056	33.47437	31.88619	28.0873	1
1826.085	1830.085	1469.085	98.66125	65.26447	97.23342	95.88819	44.50332	4.559716	50.93696	26.29956	24.6374	29.35469	1
1826.09	1830.09	1469.09	105.3166	145.3308	103.3931	101.5877	22.84535	9.133306	68.02134	34.28393	33.73741	28.12859	1
1826.095	1830.095	1469.095	102.1187	91.13633	100.3251	97.42223	37.89647	5.288842	56.81469	33.51375	23.30094	29.02197	1
1826.1	1830.1	1469.1	110.4143	173.8204	110.6739	106.0128	0	37.20628	62.79372	62.79372	0	-9999	1
1826.105	1830.105	1469.105	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1826.42	1830.42	1469.42	87.91123	61.40736	85.62198	84.22955	62.00275	0	37.99725	20.64855	17.3487	28.93395	1
1826.425	1830.425	1469.425	84.96117	68.99626	83.12033	81.97571	59.40512	0	40.59488	19.03215	21.56273	30.12716	1
1826.43	1830.43	1469.43	81.4093	36.16211	80.48888	79.93427	63.48546	0	36.51454	15.58685	20.92769	30.62361	1
1826.435	1830.435	1469.435	81.4447	60.15415	80.06407	78.95485	61.21344	0	38.78656	25.55319	13.23336	30.46	1
1826.44	1830.44	1469.44	81.31489	47.74736	80.32367	79.02565	61.31739	0	38.68261	10.1942	28.48841	30.8994	1
1826.445	1830.445	1469.445	80.31187	41.18889	79.65106	78.05803	61.26667	0	38.73333	22.27602	16.45731	31.19627	1
1826.45	1830.45	1469.45	77.57422	30.07708	76.9488	76.524	66.20002	0	33.79998	19.67711	14.12287	30.22307	1
1826.455	1830.455	1469.455	79.35605	46.09033	78.83684	78.50644	59.86245	0.317293	39.82026	27.40311	12.41715	30.69375	1
1826.46	1830.46	1469.46	80.06407	42.3864	80.80748	81.7397	50.32208	3.447617	46.2303	30.91313	15.31717	29.07393	1
1826.465	1830.465	1469.465	79.28525	52.05005	79.46226	79.41506	53.08968	2.370418	44.5399	30.04506	14.49484	29.4167	1
1826.47	1830.47	1469.47	77.59782	27.98839	78.17603	79.88707	57.35567	1.100117	41.54421	22.15561	19.3886	30.12927	1
1826.475	1830.475	1469.475	75.00176	34.14305	75.94578	76.9252	55.41961	1.379487	43.20091	22.09253	21.10837	29.7237	1
1826.48	1830.48	1469.48	73.24353	36.83049	73.60934	71.60329	60.86797	0	39.13203	8.575166	30.55687	30.88937	1

1826.485	1830.485	1469.485	73.34973	34.46332	73.32613	74.15215	64.36103	0	35.63897	17.45749	18.18148	29.93704	1
1826.49	1830.49	1469.49	73.50313	30.45304	73.21993	72.42931	67.20233	0	32.79767	12.18282	20.61486	29.96939	1
1826.495	1830.495	1469.495	73.16093	17.99055	73.19633	73.60934	68.06388	0	31.93612	14.07737	17.85875	29.71035	1
1826.5	1830.5	1469.5	72.85412	25.67691	72.32311	71.6859	70.87573	0	29.12427	20.49955	8.624714	29.64284	1
1826.505	1830.505	1469.505	71.7921	26.1782	71.49709	70.76548	69.90244	0	30.09756	18.30763	11.78992	29.6555	1
1826.51	1830.51	1469.51	72.18151	32.13791	72.28771	70.85988	64.99257	0	35.00743	22.80988	12.19755	30.18207	1
1826.515	1830.515	1469.515	71.00148	34.15698	70.47047	69.19605	70.52798	0	29.47202	11.10371	18.36831	29.69412	1
1826.52	1830.52	1469.52	70.42327	38.26472	69.59725	68.79484	72.35216	0	27.64784	20.07221	7.575629	29.5577	1
1826.525	1830.525	1469.525	71.7331	51.92473	70.21087	67.87442	73.23706	0	26.76294	7.971784	18.79116	29.88275	1
1826.53	1830.53	1469.53	70.65928	49.71072	69.19605	67.42601	74.3035	0	25.6965	7.7977	17.8988	29.7958	1
1826.535	1830.535	1469.535	70.74188	44.73965	70.19907	73.21993	68.29726	0	31.70274	22.33988	9.36286	29.02036	1
1826.54	1830.54	1469.54	70.88348	46.85619	71.27289	72.19331	60.43009	0.010039	39.55987	8.772334	30.78754	30.05995	1
1826.545	1830.545	1469.545	74.16395	130.5011	73.27893	72.84232	47.04679	4.163542	48.78966	26.46179	22.32787	26.90044	1
1826.55	1830.55	1469.55	75.36757	214.8979	72.80692	72.45291	38.50159	7.011427	54.48698	27.35347	27.13351	24.63822	1
1826.555	1830.555	1469.555	71.7803	82.65626	70.78908	72.66532	61.64127	0.388729	37.97	27.89101	10.07899	29.33171	1
1826.56	1830.56	1469.56	71.6623	31.10749	71.47349	71.16669	68.0059	0	31.9941	15.423	16.5711	29.68153	1
1826.565	1830.565	1469.565	72.55911	43.83455	72.70072	69.45565	61.54023	0	38.45977	22.90442	15.55535	30.90697	1
1826.57	1830.57	1469.57	69.59725	34.00381	69.62085	67.94522	67.5587	0	32.4413	10.85201	21.58929	29.7931	1
1826.575	1830.575	1469.575	69.26685	29.28338	68.41723	66.62359	75.77246	0	24.22754	4.673991	19.55355	29.6631	1
1826.58	1830.58	1469.58	67.63841	31.87335	67.072	66.74159	74.449	0	25.551	17.50299	8.048009	29.32519	1
1826.585	1830.585	1469.585	67.47321	29.9796	67.27261	67.34341	72.22426	0	27.77574	20.97197	6.803766	29.17468	1
1826.59	1830.59	1469.59	68.51163	36.62163	67.37881	66.52919	76.88625	0	23.11375	15.73922	7.374529	29.58703	1
1826.595	1830.595	1469.595	69.70346	53.38681	67.82722	64.58215	77.49406	0	22.50594	19.88612	2.61982	30.2099	1
1826.6	1830.6	1469.6	67.93342	80.09414	66.8124	66.02178	66.8064	0	33.1936	17.57338	15.62022	29.99871	1
1826.605	1830.605	1469.605	66.9068	44.32191	67.1428	67.57941	65.8908	0	34.1092	19.44536	14.66384	29.2908	1
1826.61	1830.61	1469.61	67.86262	52.14752	68.81844	71.50889	57.53909	0.487844	41.97307	15.28763	26.68544	28.97725	1
1826.615	1830.615	1469.615	68.39363	93.00222	67.82722	64.60575	58.96101	1.222576	39.81641	17.75701	22.0594	29.33597	1
1826.62	1830.62	1469.62	70.01026	87.22352	68.14582	66.24598	68.93186	0	31.06814	19.67512	11.39302	30.19354	1
1826.625	1830.625	1469.625	70.39967	125.2515	67.65021	65.91558	66.22972	0.592664	33.17761	26.14649	7.031128	29.76616	1
1826.63	1830.63	1469.63	71.16669	85.3437	70.14006	68.86564	61.82979	0.43101	37.7392	11.09972	26.63948	29.84031	1
1826.635	1830.635	1469.635	66.7888	74.62178	65.08956	62.0451	73.66491	0	26.33509	18.16144	8.173651	30.41335	1
1826.64	1830.64	1469.64	67.96882	82.61449	66.69439	62.98912	67.35278	0	32.64722	11.84762	20.7996	30.55901	1
1826.645	1830.645	1469.645	67.43781	77.2953	66.8714	62.84751	63.64144	0.024928	36.33363	17.44275	18.89088	30.61379	1
1826.65	1830.65	1469.65	66.67079	74.84458	66.7652	68.19302	59.81887	0.594348	39.58679	15.48107	24.10571	28.94585	1
1826.655	1830.655	1469.655	65.72677	80.30301	65.97458	64.72375	58.17755	0.989408	40.83304	30.05158	10.78146	28.98979	1
1826.66	1830.66	1469.66	65.71497	81.44482	65.39637	65.20756	62.30178	0.370673	37.32755	14.89511	22.43244	29.43994	1
1826.665	1830.665	1469.665	65.60877	81.06886	65.60877	66.72979	60.02127	0.715815	39.26292	23.44027	15.82265	28.81305	1
1826.67	1830.67	1469.67	63.72073	64.2619	63.63813	66.8124	66.46571	0	33.53429	12.74895	20.78535	28.8026	1
1826.675	1830.675	1469.675	63.09532	83.63098	63.70893	66.25778	56.95811	1.176323	41.86557	24.02234	17.84323	27.86606	1
1826.68	1830.68	1469.68	63.16612	83.10185	63.83874	65.93918	56.56376	1.218937	42.2173	22.53123	19.68607	27.91242	4
1826.685	1830.685	1469.685	63.03632	56.9515	62.88292	60.32226	69.4132	0	30.5868	12.79615	17.79065	29.71045	4
1826.69	1830.69	1469.69	66.02178	99.47715	66.08078	65.73857	54.72923	2.099667	43.1711	16.78783	26.38327	27.88623	4
1826.695	1830.695	1469.695	65.79758	52.59311	66.04538	67.55581	64.81821	0	35.18179	21.18971	13.99209	29.11715	4
1826.7	1830.7	1469.7	65.21936	44.15482	65.04236	63.66173	70.6845	0	29.3155	6.250515	23.06499	29.44896	4
1826.705	1830.705	1469.705	66.30499	42.08006	66.13978	66.09258	70.09637	0	29.90363	10.74071	19.16292	29.24506	4
1826.71	1830.71	1469.71	66.05718	29.49224	65.78578	64.80636	74.19366	0	25.80634	22.88009	2.926243	29.30724	4
1826.715	1830.715	1469.715	65.69137	54.04127	66.09258	67.47321	63.37659	0	36.62341	17.41013	19.21329	29.19768	4
1826.72	1830.72	1469.72	65.03056	74.1762	64.00394	64.28714	70.17756	0	29.82244	19.81368	10.00876	29.66562	4
1826.725	1830.725	1469.725	67.1074	80.92961	65.17216	66.04538	73.67433	0	26.32567	16.91578	9.409886	29.78557	4
1826.73	1830.73	1469.73	69.24325	68.67599	68.24023	67.54401	67.45003	0	32.54997	13.64786	18.90211	29.85165	4
1826.735	1830.735	1469.735	70.35247	64.19228	69.23145	68.86564	68.42913	0	31.57087	15.19729	16.37358	29.72976	4
1826.74	1830.74	1469.74	71.56789	86.27665	69.98666	70.50587	65.53314	0	34.46686	20.26946	14.1974	29.81026	4
1826.745	1830.745	1469.745	76.7718	203.995	73.42053	73.86894	45.97549	4.857824	49.16669	27.83745	21.32923	25.25754	4
1826.75	1830.75	1469.75	73.73914	80.80429	72.31131	72.61812	63.67103	0	36.32897	10.34937	25.9796	29.91382	4
1826.755	1830.755	1469.755	77.84562	139.8027	75.14337	72.86592	55.49225	1.729875	42.77787	26.35334	16.42453	28.32404	4
1826.76	1830.76	1469.76	75.62718	176.3547	74.60056	72.12251	35.70147	7.241433	57.0571	32.07882	24.97827	25.83841	4
1826.765	1830.765	1469.765	69.82146	105.2419	70.76548	70.25807	42.97956	4.564263	52.45617	21.39951	31.05666	26.94181	4
1826.77	1830.77	1469.77	67.65021	76.71047	67.81542	71.02508	57.91754	0.994397	41.08806	28.41398	12.67408	28.33316	4
1826.775	1830.775	1469.775	65.88018	54.82104	66.06898	64.48775	64.66031	0	35.33969	17.84281	17.49688	29.73298	4
1826.78	1830.78	1469.78	62.3165	71.53053	61.71469	60.60547	70.02247	0	29.97753	16.68714	13.29039	29.75098	4
1826.785	1830.785	1469.785	64.05114	37.95838	63.31952	60.99488	77.55704	0	22.44296	6.827778	15.61518	29.8036	4
1826.79	1830.79	1469.79	66.37579	38.27865	65.83298	63.03632	73.87763	0	26.12237	5.726666	20.3957	29.78397	4
1826.795	1830.795	1469.795	70.47047	55.02991	70.83628	71.15489	59.01492	0.425268	40.55981	11.53746	29.02236	29.71914	4
1826.8	1830.8	1469.8	70.06926	80.08022	70.31707	68.20482	54.23638	1.839837	43.92379	31.28794	12.63585	28.86396	4
1826.805	1830.805	1469.805	73.00752	93.69845	73.42053	71.7095	46.95724	3.757549	49.28521	20.90212	28.3831	27.86349	4
1826.81	1830.81	1469.81	70.71828	119.5007	70.38787	69.60905	48.58067	3.737807	47.68152	15.64712	32.0344	27.11569	4
1826.815	1830.815	1469.815	71.9809	134.6367	72.18151	65.19576	39.64081	5.887059	54.47213	20.39149	34.08064	27.43905	4
1826.82	1830.82	1469.82	71.24929	152.5158	71.7331	70.43507	33.79229	7.387651	58.82005	36.86615	21.95391	25.87212	4
1826.825	1830.825	1469.825	74.09315	283.1283	70.88348	69.34945	28.19216	10.53779	61.27005	35.16392	26.10613	23.29996	4
1826.83	1830.83	1469.83	86.448	714.9154	73.78634	69.06624	0	16.9989	83.0011	83.0011	0	-9999	4
1826.835	1830.835	1469.835	73.65654	440.6431	66.7652	65.25476	19.00826	15.95566	65.03609	39.83288	25.20321	20.24387	4
1826.84	1830.84	1469.84	67.28441	95.77321	65.97458	63.30772	65.07239	0.309365	34.61825	11.36289	23.25535	30.16929	4
1826.845	1830.845	1469.845	69.03084	71.21026	68.52343	68.34643	63.19117	0	36.80883	12.3279	24.48093	29.97637	4

1826.85	1830.85	1469.85	67.87442	78.91055	68.58243	70.94248	52.97207	1.944207	45.08372	17.78218	27.30154	27.78414	4
1826.855	1830.855	1469.855	68.06322	97.6391	68.62963	70.18727	49.36348	3.050487	47.58603	16.52471	31.06132	27.11207	4
1826.86	1830.86	1469.86	67.92162	85.77537	68.47623	70.50587	52.45623	2.201594	45.34217	18.67908	26.66309	27.62294	4
1826.865	1830.865	1469.865	65.12496	86.05386	64.42875	63.44933	64.65566	0.159718	35.18462	23.67697	11.50765	29.86247	4
1826.87	1830.87	1469.87	66.41119	83.61706	66.22238	63.80333	60.12961	0.781889	39.0885	17.42942	21.65908	29.4712	4
1826.875	1830.875	1469.875	65.65597	70.26339	65.25476	63.81513	65.70213	0	34.29787	22.3909	11.90697	29.9067	4
1826.88	1830.88	1469.88	64.06294	40.59013	63.77973	62.62331	73.43413	0	26.56587	13.1627	13.40317	29.35797	4
1826.885	1830.885	1469.885	64.82996	43.69531	65.03056	65.32557	68.22749	0	31.77251	22.72657	9.045936	29.06132	4
1826.89	1830.89	1469.89	69.04264	52.52349	69.25505	70.70648	62.12395	0	37.87605	22.03281	15.84324	29.61366	4
1826.895	1830.895	1469.895	67.72102	59.98706	68.31103	68.31103	58.6072	0.466262	40.92653	23.40796	17.51858	29.43911	4
1826.9	1830.9	1469.9	65.96278	67.93799	67.072	67.55581	54.27677	1.304158	44.41907	31.0625	13.35657	28.45056	4
1826.905	1830.905	1469.905	66.10438	67.89622	67.2254	68.09862	54.06516	1.350472	44.58437	13.30939	31.27498	28.36093	4
1826.91	1830.91	1469.91	69.26685	87.43239	68.35823	64.77095	62.15766	0.494755	37.34759	23.24645	14.10114	30.13813	4
1826.915	1830.915	1469.915	68.16942	60.54404	68.33463	66.43479	61.35215	0.003537	38.64432	20.19368	18.45063	30.25782	4
1826.92	1830.92	1469.92	66.61179	44.62825	66.37579	64.67655	69.74615	0	30.25385	10.09141	20.16244	29.60562	4
1826.925	1830.925	1469.925	78.17603	219.0057	75.57998	66.69439	35.19809	7.293769	57.50814	25.07059	32.43755	26.32481	4
1826.93	1830.93	1469.93	81.4565	204.9836	78.81324	75.04897	35.9392	6.326737	57.73406	38.37098	19.36308	25.98596	4
1826.935	1830.935	1469.935	75.93398	160.5085	74.69496	74.96636	40.90011	5.812956	53.28693	22.99512	30.29181	25.83729	4
1826.94	1830.94	1469.94	70.65928	88.36534	69.97486	68.24023	58.91326	1.083157	40.00358	13.91894	26.08464	29.31658	4
1826.945	1830.945	1469.945	74.42355	124.6806	72.72432	71.56789	54.52669	2.367013	43.1063	14.18061	28.92568	28.00676	4
1826.95	1830.95	1469.95	67.24901	101.1063	65.32557	61.86809	68.56984	0	31.43016	11.57896	19.8512	30.79274	4
1826.955	1830.955	1469.955	62.78851	67.96584	63.37853	63.52013	61.21424	0.039392	38.74637	14.56503	24.18134	29.34304	4
1826.96	1830.96	1469.96	66.49379	61.33774	66.06898	68.65323	67.27425	0	32.72575	13.96054	18.76522	29.05544	4
1826.965	1830.965	1469.965	63.39033	35.99502	63.08352	61.41969	75.34785	0	24.65215	12.5551	12.09705	29.42827	4
1826.97	1830.97	1469.97	69.11344	95.96815	68.96004	66.64719	54.38021	2.120549	43.49924	18.09725	25.40199	28.48516	4
1826.975	1830.975	1469.975	72.0871	90.67682	70.38787	70.04566	64.90514	0	35.09486	15.7148	19.38006	30.00278	4
1826.98	1830.98	1469.98	64.80636	102.7773	65.99818	65.04236	46.26941	3.493301	50.23728	24.43771	25.79958	27.01876	4
1826.985	1830.985	1469.985	57.84421	138.633	55.33076	52.73471	72.71338	1.602755	25.68387	20.93058	4.753287	29.92787	4
1826.99	1830.99	1469.99	58.19822	39.12805	58.16282	58.18642	77.26301	0	22.73699	16.46352	6.273475	28.98371	4
1826.995	1830.995	1469.995	59.53165	36.76087	59.10684	59.56705	79.62702	0	20.37298	12.61714	7.755836	29.23224	4
1827	1831	1470	62.51711	126.644	59.26024	58.05662	77.07713	0.185067	22.7378	17.51623	5.221568	31.51432	4
1827.005	1831.005	1470.005	61.84449	166.4822	57.98581	56.67599	72.71914	2.376868	24.90399	13.81834	11.08565	29.28219	4
1827.01	1831.01	1470.01	60.65267	52.55134	59.66145	59.26024	79.16408	0	20.83592	20.83592	0	29.83405	4
1827.015	1831.015	1470.015	61.58489	43.48644	60.48747	58.10382	81.32321	0	18.67679	18.67679	0	30.26459	4
1827.02	1831.02	1470.02	62.95372	42.2193	62.0097	59.27204	79.18166	0	20.81834	13.31231	7.506034	30.08473	4
1827.025	1831.025	1470.025	64.94796	45.65867	64.48775	64.67655	72.7651	0	27.2349	13.63123	13.60367	29.23091	4
1827.03	1831.03	1470.03	67.74462	47.71951	66.9186	64.45235	72.52846	0	27.47154	13.47389	13.99765	29.8736	4
1827.035	1831.035	1470.035	65.54977	36.27351	65.24296	63.82694	73.29377	0	26.70623	15.60771	11.09852	29.423	4
1827.04	1831.04	1470.04	66.03358	38.71031	65.53797	62.98912	73.72219	0	26.27781	13.30744	12.97037	29.71831	4
1827.045	1831.045	1470.045	67.54401	46.03464	66.8596	65.90378	72.02334	0	27.97666	19.82245	8.15421	29.55836	4
1827.05	1831.05	1470.05	68.31103	42.08006	68.45263	67.65021	65.87306	0	34.12694	18.36728	15.75966	29.63806	4
1827.055	1831.055	1470.055	71.6977	61.12887	71.09588	71.00148	63.90898	0	36.09102	7.820832	28.27019	29.97705	4
1827.06	1831.06	1470.06	71.04868	78.65991	69.46745	67.50861	67.85407	0	32.14593	11.38282	20.76311	30.12069	4
1827.065	1831.065	1470.065	69.43205	52.23107	68.78304	65.78578	68.51245	0	31.48755	20.65439	10.83317	30.10518	4
1827.07	1831.07	1470.07	68.55883	47.41317	67.87442	67.70921	70.7561	0	29.2439	15.96952	13.27439	29.46345	4
1827.075	1831.075	1470.075	69.01904	55.97678	68.16942	65.63237	69.54064	0	30.45936	13.8347	16.62466	30.01403	4
1827.08	1831.08	1470.08	69.49105	71.83687	68.99544	66.9422	62.52469	0.062187	37.41312	16.51212	20.90101	30.30943	4
1827.085	1831.085	1470.085	71.39089	91.70723	70.70648	66.57639	57.43144	1.424924	41.14364	11.82171	29.32192	29.49758	4
1827.09	1831.09	1470.09	71.7685	88.58813	71.9927	70.18727	50.79707	2.767691	46.43524	25.15695	21.27829	28.29708	4
1827.095	1831.095	1470.095	73.79814	108.0965	74.39995	74.37635	41.28232	5.3044	53.41328	25.89775	27.51553	26.89803	4
1827.1	1831.1	1470.1	72.86592	95.0909	72.31131	71.43809	54.24959	2.121656	43.62875	29.4359	14.19286	28.46378	4
1827.105	1831.105	1470.105	74.23475	97.98722	72.68892	72.40571	59.97132	0.812582	39.2161	14.08409	25.13201	29.26513	4
1827.11	1831.11	1470.11	68.47623	134.2747	67.86262	68.39363	49.2629	3.956103	46.781	17.12635	29.65465	26.43268	4
1827.115	1831.115	1470.115	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1827.42	1831.42	1470.42	80.11127	103.6545	77.39721	73.97514	62.24717	0	37.75283	22.34189	15.41093	29.68581	4
1827.425	1831.425	1470.425	82.14091	95.21623	80.15847	76.9134	56.75195	0.576442	42.67161	27.54242	15.12919	29.96493	4
1827.43	1831.43	1470.43	83.95815	109.9066	81.84591	79.62746	52.53098	1.414582	46.05444	31.6798	14.37464	29.01883	4
1827.435	1831.435	1470.435	82.49492	102.5962	81.4093	82.63652	47.68996	3.471265	48.83878	28.69463	20.14415	27.77636	4
1827.44	1831.44	1470.44	78.42384	127.2288	76.14639	74.29375	54.71091	1.758497	43.53059	23.85477	19.67582	28.44081	4
1827.445	1831.445	1470.445	78.69524	113.7081	75.80418	75.92218	62.48874	0	37.51126	14.39595	23.11531	29.14766	4
1827.45	1831.45	1470.45	80.32367	64.52647	79.09645	77.47982	59.99781	0.093481	39.90871	13.15751	26.7512	30.66394	4
1827.455	1831.455	1470.455	79.66286	68.63422	78.48284	77.45622	59.24588	0.358786	40.39534	11.08229	29.31304	30.29054	4
1827.46	1831.46	1470.46	78.24683	102.5684	76.45319	74.32915	57.09205	1.086846	41.82111	15.6677	26.15341	29.3438	4
1827.465	1831.465	1470.465	79.07285	144.6624	75.92218	74.39995	56.66233	1.14964	42.18803	27.83103	14.35699	28.3774	4
1827.47	1831.47	1470.47	75.16697	79.46753	73.52673	71.48529	64.32706	0	35.67294	24.64646	11.02648	30.19254	4
1827.475	1831.475	1470.475	73.63294	51.36775	72.57091	71.9219	68.05737	0	31.94263	9.652997	22.28963	29.7656	4
1827.48	1831.48	1470.48	76.8072	58.71992	75.85138	72.68892	62.53476	0	37.46524	7.880096	29.58515	30.81439	4
1827.485	1831.485	1470.485	80.39448	106.9129	79.35605	74.96636	48.21193	3.423825	48.36424	22.47713	25.88712	28.64688	4
1827.49	1831.49	1470.49	79.33245	109.8788	77.30281	73.44413	56.1532	1.181094	42.66571	27.60149	15.06422	29.45865	4
1827.495	1831.495	1470.495	79.00205	98.5999	77.82202	74.48255	52.60213	2.260372	45.1375	25.44566	19.69184	29.04306	4
1827.5	1831.5	1470.5	75.26137	149.0068	76.11099	74.17575	28.11535	9.029994	62.85466	41.06343	21.79123	26.38918	4
1827.505	1831.505	1470.505	74.08135	89.18689	74.24655	75.10797	48.98161	3.284028	47.73436	24.68104	23.05333	27.72685	4
1827.51	1831.51	1470.51	72.58271	66.48983	72.0635	70.18727	61.15725	0.198622	38.64413	16.5727	22.07143	30.35284	4

1827.515	1831.515	1470.515	73.10193	70.8343	72.0163	68.99544	64.0179	0	35.9821	10.14788	25.83422	30.52306	4
1827.52	1831.52	1470.52	72.85412	59.3326	72.15791	68.79484	64.01138	0	35.98862	10.30365	25.68497	30.60715	4
1827.525	1831.525	1470.525	74.43535	65.77968	73.65654	72.96032	61.63662	0.033978	38.32941	9.736928	28.59248	30.36198	4
1827.53	1831.53	1470.53	74.97816	55.46157	75.15517	77.12581	56.22661	1.272183	42.50121	11.81424	30.68697	29.207	4
1827.535	1831.535	1470.535	78.64804	126.644	78.01083	79.82806	41.93436	5.30507	52.76057	20.48262	32.27795	26.47979	4
1827.54	1831.54	1470.54	76.35879	94.25543	75.06077	76.7128	56.9998	1.28914	41.71106	29.86751	11.84355	28.65592	4
1827.545	1831.545	1470.545	76.524	149.3689	73.96334	73.12553	53.29571	2.618326	44.08596	15.9019	28.18407	27.41772	4
1827.55	1831.55	1470.55	75.62718	179.1396	73.44413	65.32557	43.98981	5.279778	50.73042	31.27187	19.45855	27.12551	4
1827.555	1831.555	1470.555	72.57091	118.0943	70.02206	67.61481	64.40954	0.429126	35.16133	19.32353	15.8378	29.87899	4
1827.56	1831.56	1470.56	73.73914	187.6197	69.84506	69.58545	56.93515	3.050867	40.01398	15.00703	25.00695	26.67173	4
1827.565	1831.565	1470.565	77.98723	289.6033	72.87772	65.88018	37.76643	7.353438	54.88013	30.89705	23.98309	24.4681	4
1827.57	1831.57	1470.57	79.71006	355.8703	72.71252	66.02178	34.7771	8.002296	57.22061	21.76816	35.45245	23.15491	4
1827.575	1831.575	1470.575	79.81626	300.367	74.24655	70.63567	37.04552	6.803258	56.15122	38.89412	17.2571	23.83985	4
1827.58	1831.58	1470.58	74.48255	144.6067	71.7095	70.25807	57.97242	1.891335	40.13624	11.28377	28.85247	28.11837	4
1827.585	1831.585	1470.585	68.85384	87.05643	68.80664	70.94248	55.95262	1.623704	42.42367	22.96971	19.45397	28.06482	4
1827.59	1831.59	1470.59	68.40543	56.68693	68.47623	68.27563	62.80006	0	37.19994	25.38157	11.81837	29.82973	4
1827.595	1831.595	1470.595	67.79182	60.20985	66.64719	65.73857	71.93158	0	28.06842	16.28959	11.77883	29.7341	4
1827.6	1831.6	1470.6	67.1782	48.68031	66.15158	63.93314	74.37173	0	25.62827	18.18314	7.445133	29.87127	4
1827.605	1831.605	1470.605	65.29017	73.88378	64.25174	62.89472	70.10094	0	29.89906	5.995314	23.90375	29.95911	4
1827.61	1831.61	1470.61	69.21965	95.53649	69.17244	68.65323	53.5639	2.26528	44.17082	20.47905	23.69177	28.0626	4
1827.615	1831.615	1470.615	76.7954	99.4493	75.95758	74.97816	51.77458	2.635816	45.5896	14.33142	31.25818	28.32869	4
1827.62	1831.62	1470.62	68.59423	69.66464	67.57941	66.63539	67.89933	0	32.10067	20.79339	11.30728	29.87792	4
1827.625	1831.625	1470.625	67.1428	101.8861	66.8478	69.90406	55.85848	1.993701	42.14782	20.11521	22.0326	27.41149	4
1827.63	1831.63	1470.63	73.10193	211.932	72.21691	69.63265	28.31758	9.486635	62.19579	42.14265	20.05314	25.0194	4
1827.635	1831.635	1470.635	68.97184	243.1091	71.7095	71.9219	0	16.48353	83.51647	83.51647	0	-9999	4
1827.64	1831.64	1470.64	68.78304	192.8553	69.75066	71.50889	22.54956	10.2373	67.21314	38.74501	28.46813	24.78238	4
1827.645	1831.645	1470.645	63.40213	102.5684	62.48171	61.16008	63.98174	0.845077	35.17319	14.82324	20.34994	29.2431	4
1827.65	1831.65	1470.65	70.31707	136.1823	67.0248	65.25476	67.86725	0.609158	31.52359	26.50129	5.022298	29.83723	4
1827.655	1831.655	1470.655	72.26411	253.5386	66.9658	66.29319	53.22257	5.715212	41.06222	15.14622	25.916	24.50476	4
1827.66	1831.66	1470.66	67.99242	99.05941	65.59697	63.93314	72.03933	0	27.96067	24.17121	3.789458	30.43323	4
1827.665	1831.665	1470.665	69.31405	113.5827	66.8714	66.11618	67.67459	0.19349	32.13192	12.31334	19.81858	30.07154	4
1827.67	1831.67	1470.67	72.68892	150.9284	68.93644	66.8478	65.68321	0.860115	33.45667	17.65187	15.8048	29.3121	4
1827.675	1831.675	1470.675	75.79238	114.3904	72.84232	70.18727	65.45151	0	34.54849	12.58348	21.96501	29.89699	4
1827.68	1831.68	1470.68	72.32311	61.8251	70.45867	67.75642	72.95046	0	27.04954	9.332578	17.71696	29.94665	4
1827.685	1831.685	1470.685	68.84204	11.13966	68.54703	67.68561	76.25582	0	23.74418	6.925227	16.81895	29.31708	4
1827.69	1831.69	1470.69	69.76246	17.19685	69.49105	69.20785	73.7603	0	26.2397	11.19479	15.04491	29.28923	4
1827.695	1831.695	1470.695	69.20785	28.94919	68.37003	66.57639	75.81616	0	24.18384	12.68635	11.49749	29.64967	4
1827.7	1831.7	1470.7	68.55883	48.54106	67.40241	66.36399	74.14122	0	25.85878	5.048641	20.81014	29.66014	4
1827.705	1831.705	1470.705	68.55883	16.62594	68.16942	67.0602	75.92031	0	24.07969	9.060085	15.01961	29.38471	4
1827.71	1831.71	1470.71	67.60301	21.42992	67.1664	66.24598	76.00291	0	23.99709	16.42515	7.571941	29.34698	4
1827.715	1831.715	1470.715	68.39363	14.45371	67.93342	67.34341	77.14669	0	22.85331	5.819847	17.03346	29.2974	4
1827.72	1831.72	1470.72	70.03386	77.21175	68.02782	67.47321	72.43042	0	27.56958	20.19128	7.378299	29.80815	4
1827.725	1831.725	1470.725	70.60027	19.64757	70.24627	70.30527	73.03659	0	26.96341	9.336289	17.62712	29.29958	4
1827.73	1831.73	1470.73	73.04292	66.19742	70.96608	69.42025	72.87627	0	27.12373	23.36802	3.755711	29.68526	4
1827.735	1831.735	1470.735	74.19935	126.2541	71.09588	70.04566	65.23495	0.115791	34.64926	24.10274	10.54652	29.75721	4
1827.74	1831.74	1470.74	70.62387	37.35963	70.80088	70.63567	64.61323	0	35.38677	6.53823	28.84854	29.80777	4
1827.745	1831.745	1470.745	72.19331	127.9111	71.50889	71.43809	47.93188	4.001103	48.06702	19.89124	28.17578	26.82211	4
1827.75	1831.75	1470.75	72.84232	197.3251	70.35247	68.31103	44.52873	5.874602	49.59666	22.46239	27.13427	25.37916	4
1827.755	1831.755	1470.755	79.42686	355.7032	74.90736	68.14582	15.87319	12.63158	71.49523	52.88612	18.60911	24.30676	4
1827.76	1831.76	1470.76	79.71006	467.058	74.29375	69.97486	0	18.37179	81.62821	81.62821	0	-9999	4
1827.765	1831.765	1470.765	67.47321	101.2177	67.99242	70.60027	49.40608	3.097427	47.4965	23.26929	24.22721	26.79398	4
1827.77	1831.77	1470.77	65.92738	44.41939	66.69439	68.73584	62.65295	0	37.34705	14.28511	23.06194	28.99413	4
1827.775	1831.775	1470.775	67.42601	75.10914	67.76822	68.38183	57.13955	1.083339	41.77711	25.73369	16.04342	28.71352	4
1827.78	1831.78	1470.78	68.14582	65.01383	68.66503	69.34945	57.54861	0.799546	41.65184	22.52065	19.13119	29.04637	4
1827.785	1831.785	1470.785	71.59149	109.4611	69.25505	66.836	65.75372	0.13391	34.11237	10.60352	23.50885	30.26886	4
1827.79	1831.79	1470.79	69.07804	105.0609	66.26959	63.30772	72.78901	0	27.21099	13.33446	13.87653	30.67792	4
1827.795	1831.795	1470.795	66.8006	26.16427	66.16338	62.82391	77.1501	0	22.8499	15.23966	7.61024	29.86772	4
1827.8	1831.8	1470.8	67.76822	34.07343	67.1782	66.32859	73.98007	0	26.01993	21.05962	4.96031	29.43084	4
1827.805	1831.805	1470.805	74.77756	72.5331	73.60934	72.11071	62.70537	0	37.29463	17.71849	19.57614	30.35995	4
1827.81	1831.81	1470.81	74.70676	75.08129	73.58574	72.88952	61.78804	0.083291	38.12867	21.84245	16.28622	30.20368	4
1827.815	1831.815	1470.815	72.41751	55.53119	71.7213	71.9455	65.333	0	34.667	12.69664	21.97036	29.80869	4
1827.82	1831.82	1470.82	65.83298	80.81822	63.83874	63.37853	75.33102	0	24.66898	13.00615	11.66283	30.15805	4
1827.825	1831.825	1470.825	65.56157	51.72979	63.96854	62.1277	79.51075	0	20.48925	8.232329	12.25692	30.18036	4
1827.83	1831.83	1470.83	62.52891	29.31122	61.9625	60.21606	79.76978	0	20.23022	10.64085	9.589373	29.63691	4
1827.835	1831.835	1470.835	61.23088	50.10061	59.42544	57.83241	85.53538	0	14.46462	9.918088	4.546534	30.92502	4
1827.84	1831.84	1470.84	64.06294	43.50036	63.03632	64.48775	78.49132	0	21.50868	7.080166	14.42851	29.29752	4
1827.845	1831.845	1470.845	64.39335	60.62759	63.70893	63.55553	71.39045	0	28.60955	16.09247	12.51708	29.48824	4
1827.85	1831.85	1470.85	63.00092	29.31122	62.68231	62.96552	77.41504	0	22.58496	15.68033	6.904626	29.05539	4
1827.855	1831.855	1470.855	63.44933	36.20389	62.2221	61.50229	82.37627	0	17.62373	17.62373	0	29.95152	4
1827.86	1831.86	1470.86	71.32009	188.0514	66.56459	62.90652	65.7322	2.137022	32.13078	12.71273	19.41805	28.56145	4
1827.865	1831.865	1470.865	73.47953	172.1913	69.46745	64.91256	61.82218	1.855089	36.32273	11.97774	24.34499	28.59847	4
1827.87	1831.87	1470.87	65.29017	61.0871	63.85054	63.10712	76.3071	0	23.6929	23.63723	0.055666	29.89882	4
1827.875	1831.875	1470.875	64.02754	34.82536	63.35493	62.37551	77.87969	0	22.12031	5.270923	16.84939	29.50713	4

1827.88	1831.88	1470.88	64.52315	48.65246	63.42573	61.64389	77.36983	0	22.63017	13.48276	9.147409	29.91446	4
1827.885	1831.885	1470.885	62.46991	27.13899	61.87989	59.66145	80.53264	0	19.46736	19.46736	0	29.75622	4
1827.89	1831.89	1470.89	67.34341	65.0556	66.06898	65.12496	72.17741	0	27.82259	22.69056	5.132024	29.80825	4
1827.895	1831.895	1470.895	70.78908	147.9904	67.61481	61.32528	63.66094	1.551004	34.78806	15.62992	19.15814	29.56791	4
1827.9	1831.9	1470.9	68.53523	121.5894	66.50559	59.62605	63.25268	1.235553	35.51176	20.69898	14.81279	30.04772	4
1827.905	1831.905	1470.905	65.60877	42.84591	64.52315	62.80031	77.68479	0	22.31521	10.94605	11.36915	29.83787	4
1827.91	1831.91	1470.91	61.75009	46.11818	60.10986	59.08324	84.74113	0	15.25887	4.736491	10.52238	30.57872	4
1827.915	1831.915	1470.915	60.62907	52.0222	59.94466	59.54345	76.93609	0	23.06391	12.28145	10.78246	29.5525	4
1827.92	1831.92	1470.92	56.97099	78.96625	57.2424	54.18614	66.37346	0	33.62654	22.44368	11.18286	29.71395	4
1827.925	1831.925	1470.925	57.77341	102.457	57.0772	54.15074	67.44953	0.54376	32.00671	13.08731	18.9194	29.80338	4
1827.93	1831.93	1470.93	59.74405	110.2965	59.37824	64.31074	61.17872	1.53436	37.28692	20.63846	16.64846	27.13163	4
1827.935	1831.935	1470.935	61.9389	88.04507	61.26628	64.40515	66.92207	0	33.07793	14.95645	18.12149	29.22333	4
1827.94	1831.94	1470.94	63.63813	87.36277	62.38731	59.28384	70.00503	0	29.99497	18.13366	11.86131	30.52348	4
1827.945	1831.945	1470.945	66.38759	60.36302	66.7888	67.89802	61.2062	0	38.7938	25.15417	13.63963	29.51052	4
1827.95	1831.95	1470.95	66.39939	54.54255	65.58517	64.53495	72.02345	0	27.97655	15.43745	12.53911	29.6462	4
1827.955	1831.955	1470.955	67.65021	120.8653	65.58517	64.35795	64.51648	1.098979	34.38454	15.46474	18.9198	29.18762	4
1827.96	1831.96	1470.96	62.87112	63.74669	62.1985	62.1159	71.94463	0	28.05537	17.31357	10.7418	29.49464	4
1827.965	1831.965	1470.965	62.81211	45.42196	62.62331	62.1277	72.68397	0	27.31603	16.20725	11.10877	29.19456	4
1827.97	1831.97	1470.97	60.57007	49.62718	60.72347	61.44329	71.07689	0	28.92311	21.07796	7.845157	28.78419	4
1827.975	1831.975	1470.975	60.97128	55.05776	60.73527	60.93588	72.41149	0	27.58851	11.61771	15.9708	29.14151	4
1827.98	1831.98	1470.98	61.9507	102.0114	61.04208	61.44329	65.36039	0.684417	33.95519	12.74041	21.21478	29.09134	4
1827.985	1831.985	1470.985	61.63209	199.0239	59.42544	58.31622	52.23619	6.002976	41.76083	15.5155	26.24534	24.83407	4
1827.99	1831.99	1470.99	57.2424	80.66505	57.52561	57.58461	65.62121	0	34.37879	14.94477	19.43403	29.18058	4
1827.995	1831.995	1470.995	55.67297	48.40181	55.77917	56.29838	76.24456	0	23.75544	12.25589	11.49955	28.83442	4
1828	1832	1471	56.82939	69.90135	56.72319	57.207	71.6239	0	28.3761	18.5238	9.852301	29.13777	4
1828.005	1832.005	1471.005	57.71441	47.44102	56.93559	56.73499	81.45784	0	18.54216	15.10261	3.439552	29.82973	4
1828.01	1832.01	1471.01	59.63785	54.97421	59.90925	60.32226	69.72603	0	30.27397	6.328188	23.94579	28.81198	4
1828.015	1832.015	1471.015	63.47293	87.64126	62.89472	63.59093	64.87686	0.205831	34.91731	14.64742	20.26988	29.42796	4
1828.02	1832.02	1471.02	60.34586	33.41897	59.88565	59.03604	79.96104	0	20.03896	3.802546	16.23642	29.46717	4
1828.025	1832.025	1471.025	62.1985	37.10899	61.71469	60.19246	77.54653	0	22.45347	20.55833	1.895135	29.52713	4
1828.03	1832.03	1471.03	62.1867	55.16916	61.36068	60.05086	75.83893	0	24.16107	23.02498	1.136094	29.76652	4
1828.035	1832.035	1471.035	60.45207	47.32962	60.47567	59.62605	72.74743	0	27.25257	20.54254	6.710034	29.11618	4
1828.04	1832.04	1471.04	62.41091	65.71006	62.62331	63.03632	65.034	0	34.966	18.95519	16.01081	29.20408	4
1828.045	1832.045	1471.045	62.64691	90.02236	62.41091	61.85629	62.40847	0.626781	36.96475	12.08868	24.87608	29.08704	4
1828.05	1832.05	1471.05	62.90652	161.525	61.45509	60.99488	54.28553	4.244065	41.47041	24.48978	16.98063	26.03389	4
1828.055	1832.055	1471.055	64.98336	79.82957	64.65295	63.93314	63.45721	0.144709	36.39809	14.35248	22.0456	29.72603	4
1828.06	1832.06	1471.06	65.89198	145.47	65.97458	65.53797	43.53548	5.211603	51.25292	34.71549	16.53743	25.75286	4
1828.065	1832.065	1471.065	62.62331	92.11105	62.87112	64.27534	58.17519	1.273474	40.55133	27.41229	13.13904	27.99057	4
1828.07	1832.07	1471.07	61.05388	65.19485	62.65871	64.07474	55.61582	0.607544	43.77663	22.08065	21.69598	28.24012	4
1828.075	1832.075	1471.075	63.14252	89.01979	65.08956	66.7888	45.27653	3.082276	51.64119	35.39881	16.24238	26.71318	4
1828.08	1832.08	1471.08	62.1513	99.37967	63.89774	64.45235	45.23604	3.310385	51.45357	33.546	17.90757	26.6086	4
1828.085	1832.085	1471.085	65.83298	81.90433	65.63237	63.44933	61.16749	0.562444	38.27006	13.71873	24.55133	29.59461	4
1828.09	1832.09	1471.09	74.55336	22.30716	74.81296	75.53278	64.00064	0	35.99936	17.86492	18.13444	30.22194	4
1828.095	1832.095	1471.095	76.5948	59.17943	74.76576	71.22569	69.3864	0	30.6136	8.968565	21.64503	29.95827	4
1828.1	1832.1	1471.1	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1828.42	1832.42	1471.42	84.31216	82.2803	84.70156	81.95211	39.50307	7.040182	53.45675	35.85567	17.60107	28.21205	4
1828.425	1832.425	1471.425	85.37418	112.3713	84.33576	82.56572	42.30967	4.981743	52.70859	19.6475	33.06109	27.84335	4
1828.43	1832.43	1471.43	84.26496	86.03993	83.69854	82.49492	46.04427	4.319718	49.63601	23.67241	25.96361	28.42254	4
1828.435	1832.435	1471.435	82.82533	96.7897	81.4801	79.43866	50.80311	2.449924	46.74697	18.70177	28.0452	28.86985	4
1828.44	1832.44	1471.44	80.61868	73.56352	79.68646	79.61566	55.25314	1.481487	43.26537	25.60269	17.66268	29.4048	4
1828.445	1832.445	1471.445	81.6453	72.88121	81.32669	81.7397	49.71827	3.291553	46.99018	33.55473	13.43544	28.61492	4
1828.45	1832.45	1471.45	84.33576	54.38938	83.63954	82.84893	54.64453	1.814914	43.54055	21.27587	22.26469	30.0031	4
1828.455	1832.455	1471.455	81.99931	89.82742	81.95211	82.30611	43.18821	5.294041	51.51775	20.02165	31.4961	27.68883	4
1828.46	1832.46	1471.46	79.56846	90.66289	78.73064	79.41506	51.34968	2.626181	46.02414	32.83649	13.18765	28.32031	4
1828.465	1832.465	1471.465	79.50946	65.65436	78.78964	78.25863	56.54151	1.202366	42.25613	11.05433	31.2018	29.77096	4
1828.47	1832.47	1471.47	75.91038	53.62353	76.14639	77.12581	55.35652	1.533673	43.10981	17.21707	25.89274	29.33811	4
1828.475	1832.475	1471.475	74.49435	72.82551	74.54156	76.6656	53.47561	2.063714	44.46067	14.64185	29.81882	28.38321	4
1828.48	1832.48	1471.48	72.71252	48.45751	71.56789	71.13129	70.2486	0	29.7514	12.98256	16.76885	29.58533	4
1828.485	1832.485	1471.485	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1828.535	1832.535	1471.535	72.92492	39.37869	73.36153	75.55638	59.99571	0.110986	39.8933	16.83501	23.0583	30.00984	4
1828.54	1832.54	1471.54	75.02537	50.35125	74.83656	73.17273	60.25489	0.225642	39.51947	14.89756	24.6219	30.64843	4
1828.545	1832.545	1471.545	75.60358	63.16186	75.85138	72.47651	53.23905	2.111504	44.64945	28.68616	15.96328	29.62992	4
1828.55	1832.55	1471.55	73.14913	61.29597	74.11675	73.51493	50.37013	2.630437	46.99944	21.20366	25.79578	28.68891	4
1828.555	1832.555	1471.555	75.54458	100.2848	76.4768	75.53278	39.00538	6.013894	54.98073	36.48823	18.49249	27.20038	4
1828.56	1832.56	1471.56	75.85138	76.26488	77.06681	77.84562	42.34108	5.113139	52.54578	36.03795	16.50783	27.54407	4
1828.565	1832.565	1471.565	79.42686	68.95448	79.99327	79.79266	45.85062	4.526302	49.62308	29.02971	20.59337	28.27315	4
1828.57	1832.57	1471.57	79.49766	37.10899	79.35605	79.80446	58.9792	0.655769	40.36503	18.0526	22.31243	30.54566	4
1828.575	1832.575	1471.575	74.52975	35.03422	74.50615	74.04595	63.13725	0	36.86275	6.464556	30.3982	30.41777	4
1828.58	1832.58	1471.58	76.11099	43.54214	76.6538	78.02263	55.23391	1.558252	43.20784	14.43884	28.769	29.46251	4
1828.585	1832.585	1471.585	75.07257	46.27135	75.56818	74.83656	55.89459	1.31268	42.79273	31.08234	11.71039	29.84358	4
1828.59	1832.59	1471.59	77.81022	73.92555	77.38541	77.05501	53.81688	2.016029	44.16709	26.36326	17.80383	29.05217	4
1828.595	1832.595	1471.595	75.22597	64.23405	74.30555	72.47651	62.38071	0	37.61929	16.97475	20.64454	30.52236	4
1828.6	1832.6	1471.6	77.40901	48.9588	77.45622	76.01659	56.56987	1.260365	42.16976	29.80366	12.36611	30.14352	4

1828.605	1832.605	1471.605	74.61236	79.64855	75.07257	73.06652	48.51506	3.355443	48.1295	18.83699	29.29251	28.43108	4
1828.61	1832.61	1471.61	73.44413	112.789	75.29677	77.53882	30.77851	7.917606	61.30389	25.56825	35.73564	26.2125	4
1828.615	1832.615	1471.615	74.05775	124.9173	75.50918	77.53882	30.3883	8.183651	61.42805	35.66186	25.76619	26.02762	4
1828.62	1832.62	1471.62	72.12251	90.23123	72.41751	72.47651	49.52504	3.085335	47.38962	31.04372	16.34591	27.78857	4
1828.625	1832.625	1471.625	68.97184	67.04682	68.38183	68.02782	64.89317	0	35.10683	18.23616	16.87067	29.85561	4
1828.63	1832.63	1471.63	70.35247	58.60853	70.38787	69.70346	60.81811	0.122806	39.05908	10.12932	28.92977	30.10297	4
1828.635	1832.635	1471.635	71.8747	55.60082	71.41449	70.35247	63.9865	0	36.0135	6.306604	29.7069	30.13915	4
1828.64	1832.64	1471.64	78.77784	117.5791	77.47982	76.8308	49.12995	3.239802	47.63025	14.6001	33.03014	27.72442	4
1828.645	1832.645	1471.645	79.46226	58.80347	79.81626	82.32972	49.92073	3.324815	46.75446	23.25475	23.49971	28.39315	4
1828.65	1832.65	1471.65	85.25618	172.6647	84.44196	86.95541	26.08964	9.717484	64.19287	43.12628	21.06659	25.70892	4
1828.655	1832.655	1471.655	85.46858	201.5164	83.85195	85.04377	25.13084	9.242132	65.62703	34.09588	31.53115	25.56248	4
1828.66	1832.66	1471.66	84.99657	140.9027	83.86375	82.18811	36.48407	6.519008	56.99692	25.21174	31.78518	27.00745	4
1828.665	1832.665	1471.665	85.43318	167.262	85.12637	86.82561	23.30183	11.02914	65.66903	36.48213	29.1869	26.05162	4
1828.67	1832.67	1471.67	79.73366	72.71412	81.33849	83.99355	36.61076	7.613228	55.77601	28.16059	27.61542	27.10267	4
1828.675	1832.675	1471.675	80.09947	49.55755	80.54788	79.89887	50.84039	3.181416	45.9782	23.97239	22.00581	29.28624	4
1828.68	1832.68	1471.68	77.81022	57.46671	78.28223	78.89584	50.84958	2.922	46.22842	27.64611	18.58232	28.80762	4
1828.685	1832.685	1471.685	70.43507	43.15225	70.17547	69.07804	66.76883	0	33.23117	6.167272	27.0639	29.82021	1
1828.69	1832.69	1471.69	67.40241	63.13401	67.29621	69.67986	63.53442	0	36.46558	11.5959	24.86968	29.27696	1
1828.695	1832.695	1471.695	71.46169	52.62096	72.45291	72.0163	53.83901	1.560055	44.60093	14.48841	30.11252	29.18736	1
1828.7	1832.7	1471.7	71.8393	65.94677	72.84232	73.29073	50.17531	2.59473	47.22995	29.00878	18.22118	28.3105	1
1828.705	1832.705	1471.705	73.26713	61.65801	73.91614	74.62416	52.64315	2.099552	45.2573	17.90832	27.34898	28.71108	1
1828.71	1832.71	1471.71	74.27015	65.86323	75.22597	77.19661	48.32496	3.289758	48.38528	16.58811	31.79718	27.95156	1
1828.715	1832.715	1471.715	73.57394	43.70923	74.04595	75.46197	58.07627	0.648967	41.27476	25.63982	15.63494	29.7675	1
1828.72	1832.72	1471.72	72.11071	67.47848	73.42053	73.86894	47.1772	3.331162	49.49164	16.00262	33.48902	27.99907	1
1828.725	1832.725	1471.725	71.13129	65.58474	72.35851	70.50587	49.17672	2.737922	48.08536	26.53728	21.54809	28.60845	1
1828.73	1832.73	1471.73	74.15215	40.42303	74.50615	75.46197	59.25409	0.368948	40.37696	21.39758	18.97937	30.1502	1
1828.735	1832.735	1471.735	71.28469	38.44574	71.9691	72.68892	59.81001	0.031726	40.15827	22.21705	17.94122	30.18353	1
1828.74	1832.74	1471.74	70.90708	33.90633	70.48227	68.99544	69.85242	0	30.14758	10.09203	20.05555	29.73444	1
1828.745	1832.745	1471.745	70.81268	49.48793	70.35247	65.25476	66.44288	0	33.55712	23.54135	10.01577	30.62422	1
1828.75	1832.75	1471.75	73.90434	90.14768	74.36455	72.31131	46.62564	3.85617	49.51819	16.05847	33.45972	28.00486	1
1828.755	1832.755	1471.755	70.93068	68.07723	69.67986	67.35521	67.96298	0	32.03702	16.51218	15.52484	30.11224	1
1828.76	1832.76	1471.76	68.18122	79.46753	65.85658	63.44933	76.05815	0	23.94185	13.12687	10.81498	30.39945	1
1828.765	1832.765	1471.765	65.07776	79.50931	63.59093	62.62331	72.41014	0	27.58986	10.12281	17.46704	30.06842	1
1828.77	1832.77	1471.77	66.9658	78.81308	66.70619	67.0248	61.33064	0.454411	38.21495	20.5586	17.65634	29.30623	1
1828.775	1832.775	1471.775	69.10164	68.09116	68.54703	66.8478	64.24667	0	35.75333	18.80588	16.94746	30.15292	1
1828.78	1832.78	1471.78	69.11344	93.14146	67.29621	64.00394	67.95899	0	32.04101	12.36257	19.67845	30.55767	1
1828.785	1832.785	1471.785	70.74188	106.5787	68.25203	67.60301	68.42178	0	31.57822	21.24299	10.33523	30.07729	1
1828.79	1832.79	1471.79	71.6977	67.67342	70.74188	71.6387	65.06875	0	34.93125	20.49127	14.43998	29.69202	1
1828.795	1832.795	1471.795	71.40269	51.13103	70.64748	70.14006	67.78874	0	32.21126	16.79424	15.41703	29.72308	1
1828.8	1832.8	1471.8	73.89254	55.96286	72.33491	71.07228	70.5475	0	29.4525	14.68706	14.76544	29.66813	1
1828.805	1832.805	1471.805	71.02508	63.23148	69.56185	68.31103	70.69494	0	29.30506	9.679639	19.62542	29.78966	1
1828.81	1832.81	1471.81	71.6859	62.11752	71.26109	68.72404	62.3088	0	37.6912	21.49897	16.19223	30.56728	1
1828.815	1832.815	1471.815	74.37635	85.92854	75.74518	74.89556	40.17063	5.508702	54.32067	33.25205	21.06861	27.47701	1
1828.82	1832.82	1471.82	78.31763	41.62055	78.75424	79.60386	54.49189	1.949921	43.55819	14.54761	29.01058	29.58466	1
1828.825	1832.825	1471.825	79.62746	41.43953	79.41506	78.65984	58.36051	0.815508	40.82399	14.03337	26.79062	30.58104	1
1828.83	1832.83	1471.83	79.20265	35.29879	79.61566	80.25287	55.39044	1.788221	42.82134	19.80086	23.02048	29.91939	1
1828.835	1832.835	1471.835	78.90764	40.0053	79.41506	81.09069	53.79125	2.226693	43.98205	24.50398	19.47807	29.3849	1
1828.84	1832.84	1471.84	77.25561	51.89688	77.89282	77.94003	51.42739	2.724487	45.84812	20.52771	25.32041	29.06628	1
1828.845	1832.845	1471.845	78.21143	37.54065	78.71884	80.60688	55.02822	1.80284	43.16894	16.24122	26.92772	29.54653	1
1828.85	1832.85	1471.85	78.53004	34.89498	78.60084	79.60386	58.75907	0.709526	40.5314	13.86076	26.67064	30.39232	1
1828.855	1832.855	1471.855	79.32065	36.48238	79.62746	80.08767	55.81851	1.650004	42.53148	26.83266	15.69882	30.00336	1
1828.86	1832.86	1471.86	77.17301	36.27351	78.12883	80.34727	52.81504	2.361517	44.82344	13.52175	31.30169	29.14774	1
1828.865	1832.865	1471.865	73.83354	57.38316	74.10495	67.39061	56.08302	1.270137	42.64684	23.78762	18.85922	30.67424	1
1828.87	1832.87	1471.87	73.96334	79.23082	73.42053	72.54731	56.98665	1.281242	41.7321	23.17721	18.5549	29.265	1
1828.875	1832.875	1471.875	72.85412	75.22054	72.88952	68.60603	54.49648	1.799301	43.70422	30.21977	13.48445	29.55353	1
1828.88	1832.88	1471.88	75.63898	39.71288	74.78936	73.42053	67.38616	0	32.61384	13.18426	19.42958	30.03548	1
1828.885	1832.885	1471.885	74.61236	42.20538	74.95456	74.14035	58.49083	0.597564	40.91161	27.64951	13.2621	30.33211	1
1828.89	1832.89	1471.89	74.71856	54.72357	75.78058	75.61538	49.78515	2.907965	47.30688	27.6954	19.61148	28.74785	1
1828.895	1832.895	1471.895	74.25835	67.96584	73.89254	72.40571	58.06959	0.904712	41.02569	19.64409	21.3816	29.81411	1
1828.9	1832.9	1471.9	72.48831	60.53012	73.17273	72.78332	53.35825	1.859651	44.78209	16.61747	28.16463	28.98876	1
1828.905	1832.905	1471.905	77.14941	57.34139	78.25863	79.80446	46.54945	4.125299	49.32525	32.71555	16.6097	28.1443	1
1828.91	1832.91	1471.91	75.03717	45.19916	76.00479	76.9134	52.52856	2.186714	45.28473	13.45378	31.83095	29.08698	1
1828.915	1832.915	1471.915	74.60056	38.37612	75.27317	77.33821	56.86771	0.984057	42.14823	14.29638	27.85186	29.61683	1
1828.92	1832.92	1471.92	75.72158	48.8474	75.73338	75.87498	58.42362	0.699235	40.87714	18.14994	22.7272	30.0643	1
1828.925	1832.925	1471.925	72.87772	49.37653	73.56214	75.10797	55.69917	1.220305	43.08053	26.40648	16.67404	29.21665	1
1828.93	1832.93	1471.93	72.73612	56.38059	72.88952	77.89282	58.24979	0.706459	41.04375	18.66611	22.37764	28.80846	1
1828.935	1832.935	1471.935	74.22295	38.06978	74.86016	78.15243	57.5636	0.775125	41.66128	18.33443	23.32685	29.48927	1
1828.94	1832.94	1471.94	75.24957	45.22701	75.57998	76.7836	57.26481	0.963915	41.77128	17.75838	24.01289	29.7273	1
1828.945	1832.945	1471.945	74.10495	48.47144	72.98392	75.70978	68.78129	0	31.21871	17.07411	14.14459	29.07757	1
1828.95	1832.95	1471.95	71.9219	62.77197	71.60329	75.35577	61.11023	0.155787	38.73398	15.60774	23.12624	29.33396	1
1828.955	1832.955	1471.955	71.11948	55.37802	70.10466	71.43809	69.03345	0	30.96655	13.44074	17.5258	29.32827	1
1828.96	1832.96	1471.96	72.28771	39.71288	72.75972	74.04595	60.22672	0.024265	39.74902	19.645	20.10402	30.17309	1
1828.965	1832.965	1471.965	72.0163	50.72722	72.31131	75.24957	59.18272	0.392362	40.42492	28.18367	12.24125	29.42852	1

1828.97	1832.97	1471.97	71.9927	85.53865	70.96608	70.81268	61.02267	0.556764	38.42056	25.06888	13.35168	29.52276	1
1828.975	1832.975	1471.975	70.61207	74.99775	70.57667	71.8157	57.16179	1.172554	41.66565	15.42818	26.23747	28.78554	1
1828.98	1832.98	1471.98	68.90104	73.56352	69.88046	68.93644	51.21817	2.233812	46.54802	21.69771	24.85031	28.35851	1
1828.985	1832.985	1471.985	68.40543	85.13484	71.22569	64.62935	34.60738	5.728041	59.66458	25.90435	33.76023	28.24394	1
1828.99	1832.99	1471.99	70.10466	88.797	70.71828	65.65597	49.25934	3.007196	47.73347	31.03334	16.70012	28.62686	1
1828.995	1832.995	1471.995	73.24353	114.279	74.51795	77.12581	35.08364	6.817588	58.09877	22.10743	35.99135	26.06892	1
1829	1833	1472	73.43233	80.5815	73.38513	71.43809	53.30734	2.150654	44.54201	31.38717	13.15484	28.87904	1
1829.005	1833.005	1472.005	72.13431	60.37695	71.7331	70.50587	62.13458	0	37.86542	25.37143	12.49398	30.36754	1
1829.01	1833.01	1472.01	70.94248	69.06588	69.88046	68.59423	66.24964	0	33.75036	21.27182	12.47854	30.01238	1
1829.015	1833.015	1472.015	69.33765	42.56742	68.13402	66.9422	75.23614	0	24.76386	19.7771	4.98676	29.64026	1
1829.02	1833.02	1472.02	71.43809	94.31113	71.55609	70.43507	50.53914	2.900591	46.56026	28.59571	17.96456	27.97682	1
1829.025	1833.025	1472.025	70.83628	55.60082	71.10768	71.36729	59.27183	0.398738	40.32943	15.31231	25.01712	29.76003	1
1829.03	1833.03	1472.03	75.14337	49.94744	74.38815	71.50889	64.63374	0	35.36626	14.88087	20.48539	30.54034	1
1829.035	1833.035	1472.035	73.52673	51.35382	73.37333	71.29649	61.11665	0.008483	38.87486	18.97666	19.89821	30.76517	1
1829.04	1833.04	1472.04	75.24957	36.37098	74.28195	73.10193	69.46767	0	30.53233	13.16624	17.36608	29.81216	1
1829.045	1833.045	1472.045	75.13157	28.07194	74.97816	74.97816	65.27442	0	34.72558	17.89318	16.8324	30.16138	1
1829.05	1833.05	1472.05	77.56242	58.24649	76.33519	72.92492	64.05792	0	35.94208	8.643131	27.29895	30.58048	1
1829.055	1833.055	1472.055	79.63926	72.56095	78.64804	76.42959	56.85409	1.059591	42.08632	18.35041	23.73591	30.0057	1
1829.06	1833.06	1472.06	80.24107	96.38589	78.49464	73.92794	56.38771	1.005956	42.60634	21.15468	21.45166	29.95263	1
1829.065	1833.065	1472.065	80.42988	70.45834	79.24985	74.17575	58.09878	0.627583	41.27363	27.53638	13.73725	30.83976	1
1829.07	1833.07	1472.07	80.84288	79.77388	79.62746	73.30253	55.73881	1.250009	43.01118	17.84942	25.16176	30.53192	1
1829.075	1833.075	1472.075	82.99053	67.18606	83.74574	82.25891	41.53677	6.510227	51.95301	34.76621	17.1868	28.29996	1
1829.08	1833.08	1472.08	85.42138	70.19377	85.94059	87.61622	40.40156	7.201703	52.39674	34.39496	18.00178	27.65802	1
1829.085	1833.085	1472.085	84.85497	53.67923	85.05557	82.47132	47.38838	4.758482	47.85314	18.48055	29.37259	29.33506	1
1829.09	1833.09	1472.09	84.00535	74.60786	84.70156	82.25891	39.26432	7.343089	53.3926	34.43537	18.95723	28.23743	1
1829.095	1833.095	1472.095	83.25013	63.32896	81.6453	79.28525	60.52172	0	39.47828	26.48297	12.99531	30.52711	1
1829.1	1833.1	1472.1	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1829.425	1833.425	1472.425	87.48642	21.69448	88.33604	90.10608	47.67789	6.312006	46.0101	31.7474	14.2627	29.04797	1
1829.43	1833.43	1472.43	85.17357	84.50823	83.07313	80.90189	57.46776	0	42.53224	16.97204	25.56021	30.13104	1
1829.435	1833.435	1472.435	82.02291	61.9365	81.12609	81.11429	56.50063	1.118902	42.38046	12.73632	29.64414	29.89024	1
1829.44	1833.44	1472.44	84.01715	62.52133	83.52154	83.09673	51.41504	2.863244	45.72172	15.461	30.26072	29.2869	1
1829.445	1833.445	1472.445	82.40052	47.71951	82.31792	82.35332	53.28357	2.498567	44.21787	18.99007	25.2278	29.62994	1
1829.45	1833.45	1472.45	84.26496	50.40695	83.67494	82.77812	54.85035	1.843375	43.30627	25.79384	17.51243	30.10556	1
1829.455	1833.455	1472.455	87.59262	79.75995	87.08521	85.06737	44.04531	5.285072	50.66962	25.33118	25.33844	28.62348	1
1829.46	1833.46	1472.46	84.68976	78.9384	84.93757	81.86951	41.06183	6.539563	52.3986	25.94991	26.44869	28.43286	1
1829.465	1833.465	1472.465	82.44772	62.6745	81.90491	82.35332	53.18766	2.241958	44.57039	25.22261	19.34777	29.2914	1
1829.47	1833.47	1472.47	80.51248	50.4348	80.09947	78.83684	56.92411	1.187212	41.88867	12.13663	29.75205	30.30438	1
1829.475	1833.475	1472.475	81.20869	45.28271	80.59508	80.41808	59.08509	0.523782	40.39113	10.17714	30.21399	30.6212	1
1829.48	1833.48	1472.48	83.06133	54.44508	83.04953	83.93455	50.49932	3.403306	46.09738	30.21842	15.87896	28.99781	1
1829.485	1833.485	1472.485	84.64256	48.13725	84.12335	83.74574	54.50351	2.030604	43.46588	26.27547	17.19042	30.00812	1
1829.49	1833.49	1472.49	85.91699	51.21458	85.61018	84.54816	50.94019	3.385432	45.67438	24.30794	21.36644	29.60229	1
1829.495	1833.495	1472.495	87.33302	46.27135	87.09701	86.4244	50.28499	3.886025	45.82898	20.86811	24.96087	29.56601	1
1829.5	1833.5	1472.5	87.99383	68.60637	87.92303	89.05585	42.99164	6.300723	50.70763	28.23633	22.4713	28.08765	1
1829.505	1833.505	1472.505	83.37994	69.28867	83.68674	85.02017	44.14485	5.481809	50.37334	32.49086	17.88248	27.97424	1
1829.51	1833.51	1472.51	86.6486	72.29638	86.2238	84.08795	46.07983	4.698987	49.22119	34.00949	15.2117	28.91596	1
1829.515	1833.515	1472.515	85.43318	58.87309	86.08219	88.92605	42.12433	6.883212	50.99245	30.76455	20.2279	27.7316	1
1829.52	1833.52	1472.52	86.6132	64.54039	86.88461	89.25646	42.59368	6.580953	50.82536	26.85814	23.96722	27.82086	1
1829.525	1833.525	1472.525	86.99081	59.09589	87.19142	87.40382	44.11257	6.153664	49.73377	21.27724	28.45652	28.45123	1
1829.53	1833.53	1472.53	88.27704	69.20512	89.28006	90.92029	34.26408	10.6461	55.08982	39.37908	15.71074	27.35599	1
1829.535	1833.535	1472.535	86.15299	78.2561	87.56902	89.43346	30.82704	11.34465	57.82831	37.80106	20.02725	27.09678	1
1829.54	1833.54	1472.54	85.78719	68.27218	86.94361	89.18566	35.59164	9.489237	54.91913	26.36521	28.55392	27.29301	1
1829.545	1833.545	1472.545	88.67825	69.88743	89.36266	91.76991	36.19905	9.689994	54.11096	26.5791	27.53186	27.31396	1
1829.55	1833.55	1472.55	91.01469	72.15713	91.69911	89.82287	33.50025	11.45076	55.04899	34.10564	20.94335	27.96106	1
1829.555	1833.555	1472.555	87.80503	82.99045	88.83165	89.55146	31.17937	11.34259	57.47804	29.41926	28.05878	27.26949	1
1829.56	1833.56	1472.56	86.4244	97.91759	86.92001	88.92605	32.95252	9.52756	57.51992	34.97841	22.54152	26.87564	1
1829.565	1833.565	1472.565	90.80229	85.07914	91.4513	90.73149	30.84289	12.01155	57.14556	23.33638	33.80917	27.53236	1
1829.57	1833.57	1472.57	86.09399	72.18498	86.6132	86.77841	39.30088	7.693993	53.00513	19.84867	33.15646	27.84545	1
1829.575	1833.575	1472.575	84.89037	77.74089	85.45678	84.13515	38.69788	7.592184	53.70994	18.6821	35.02784	27.97134	1
1829.58	1833.58	1472.58	85.23257	61.42129	85.75179	86.2238	42.6982	6.511246	50.79056	20.83879	29.95177	28.17938	1
1829.585	1833.585	1472.585	86.02319	74.21797	86.01139	85.45678	42.98937	5.971567	51.03907	22.91813	28.12093	28.24829	1
1829.59	1833.59	1472.59	84.35936	70.58366	85.02017	86.2356	40.18684	7.141389	52.67177	20.65469	32.01708	27.68718	1
1829.595	1833.595	1472.595	84.61896	79.55108	84.30036	85.59838	45.36839	4.763245	49.86836	18.5885	31.27986	27.99794	1
1829.6	1833.6	1472.6	82.30611	123.7755	82.01111	76.5004	36.61099	7.006336	56.38267	23.1443	33.23837	27.82414	1
1829.605	1833.605	1472.605	78.71884	89.82742	79.15545	78.69524	42.45671	5.348574	52.19471	24.28127	27.91344	27.62308	1
1829.61	1833.61	1472.61	77.06681	91.26165	78.09343	77.96363	39.05691	6.192322	54.75077	29.55606	25.19471	27.2821	1
1829.615	1833.615	1472.615	71.9927	109.1965	71.30829	70.88348	52.64537	2.704262	44.65037	18.80732	25.84304	27.77693	1
1829.62	1833.62	1472.62	79.35605	85.02344	77.66862	76.9016	59.49438	0.262176	40.24345	11.04203	29.20141	29.92639	1
1829.625	1833.625	1472.625	80.71308	101.3291	82.01111	83.02593	31.16261	9.225261	59.61213	30.74793	28.86419	26.8439	1
1829.63	1833.63	1472.63	82.01111	100.9949	83.42714	84.97297	29.13478	10.24905	60.61616	32.22883	28.38733	26.79097	1
1829.635	1833.635	1472.635	80.55968	85.24623	81.5273	82.30611	37.75645	7.159163	55.08438	20.69616	34.38823	27.28861	1
1829.64	1833.64	1472.64	79.63926	93.82377	78.82504	79.53306	50.33671	2.911258	46.75203	30.33307	16.41896	28.1243	1
1829.645	1833.645	1472.645	81.4447	56.29705	81.29129	81.07889	52.63587	2.54833	44.8158	26.12015	18.69566	29.38535	1
1829.65	1833.65	1472.65	79.96967	39.68503	79.58026	78.32943	59.84204	0.364645	39.79331	15.49241	24.3009	30.98759	1

1829.655	1833.655	1472.655	81.6217	73.59137	81.4565	82.40052	48.37925	3.74387	47.87688	21.44712	26.42976	28.33321	1
1829.66	1833.66	1472.66	82.82533	91.54014	82.94333	82.54212	40.73347	6.192209	53.07432	29.80568	23.26864	27.64675	1
1829.665	1833.665	1472.665	83.29734	83.26894	84.26496	84.20595	35.71631	8.405357	55.87833	33.88262	21.99571	27.46926	1
1829.67	1833.67	1472.67	80.34727	79.85742	80.32367	79.76906	46.93791	4.107875	48.95421	29.29878	19.65543	28.27889	1
1829.675	1833.675	1472.675	77.43261	68.55067	77.06681	78.64804	55.00774	1.686723	43.30554	30.17955	13.12599	28.94641	1
1829.68	1833.68	1472.68	81.09069	38.52929	80.96089	82.95513	57.07845	1.292629	41.62892	28.71588	12.91304	29.97169	1
1829.685	1833.685	1472.685	83.12033	54.38938	83.16753	84.76057	50.00126	3.595357	46.40338	17.40168	29.0017	28.80282	1
1829.69	1833.69	1472.69	78.06983	45.88147	77.90462	79.76906	58.35277	0.770805	40.87643	20.47438	20.40205	29.91752	1
1829.695	1833.695	1472.695	82.04651	47.3714	82.32972	83.74574	50.85849	3.368014	45.7735	32.63067	13.14283	29.0169	1
1829.7	1833.7	1472.7	78.17603	57.52241	78.55364	79.69826	51.23117	2.835172	45.93366	32.17327	13.76039	28.76368	1
1829.705	1833.705	1472.705	79.03745	60.98963	79.89887	83.02593	45.85007	4.567062	49.58287	32.26448	17.31838	27.77895	1
1829.71	1833.71	1472.71	76.8308	49.6411	77.03141	78.23503	55.74783	1.466844	42.78532	26.0341	16.75122	29.47301	1
1829.715	1833.715	1472.715	75.74518	43.36112	75.80418	75.50918	59.36378	0.431079	40.20514	9.361812	30.84332	30.41477	1
1829.72	1833.72	1472.72	75.72158	67.64557	76.6656	77.12581	46.64977	3.900173	49.45006	23.84865	25.60141	28.088	1
1829.725	1833.725	1472.725	77.24381	39.8382	77.64502	79.02565	56.18549	1.377409	42.43711	16.23196	26.20514	29.72342	1
1829.73	1833.73	1472.73	72.87772	57.49456	73.82174	75.10797	51.72266	2.242874	46.03446	21.5718	24.46267	28.55465	1
1829.735	1833.735	1472.735	70.10466	37.23431	70.32887	69.76246	64.75542	0	35.24458	18.81189	16.43269	29.79647	1
1829.74	1833.74	1472.74	71.40269	32.23539	70.91888	70.56487	70.25809	0	29.74191	19.40174	10.34017	29.52139	1
1829.745	1833.745	1472.745	70.60027	28.28081	70.43507	70.67108	69.48412	0	30.51588	23.37977	7.136115	29.38562	1
1829.75	1833.75	1472.75	73.31433	37.66597	72.72432	71.08408	68.00825	0	31.99175	11.63277	20.35899	29.97987	1
1829.755	1833.755	1472.755	73.66834	56.03248	72.86592	70.56487	64.884	0	35.116	24.8022	10.3138	30.3293	1
1829.76	1833.76	1472.76	74.29375	57.52241	73.63294	70.45867	62.85063	0	37.14937	9.93023	27.21914	30.73801	1
1829.765	1833.765	1472.765	74.55336	81.62584	73.72734	71.7803	58.05909	1.038315	40.90259	21.91565	18.98694	29.61186	1
1829.77	1833.77	1472.77	74.27015	51.93866	74.25835	73.19633	59.19376	0.485337	40.3209	19.7378	20.58311	30.26246	1
1829.775	1833.775	1472.775	75.37937	89.43753	75.99299	77.33821	44.2516	4.563394	51.18501	16.81531	34.3697	27.269	1
1829.78	1833.78	1472.78	75.70978	75.10914	75.74518	73.65654	51.89623	2.516498	45.58727	29.96844	15.61883	28.96651	1
1829.785	1833.785	1472.785	73.09013	50.07276	72.15791	71.02508	67.86417	0	32.13583	13.90183	18.23399	29.85347	1
1829.79	1833.79	1472.79	73.59754	65.82145	72.96032	70.18727	61.29988	0.13805	38.56207	17.38413	21.17795	30.60585	1
1829.795	1833.795	1472.795	73.85714	86.65261	75.24957	77.46802	40.29018	5.406647	54.30318	23.33829	30.96489	26.87245	1
1829.8	1833.8	1472.8	71.9455	110.4497	73.84534	78.43564	32.35756	7.247038	60.39541	30.64821	29.74719	25.74028	1
1829.805	1833.805	1472.805	74.37635	126.1009	76.642	78.09343	23.49857	10.07847	66.42296	39.37424	27.04872	26.42832	1
1829.81	1833.81	1472.81	72.16971	88.25394	73.99874	79.14365	38.07138	5.704992	56.22363	34.74696	21.47667	26.16006	1
1829.815	1833.815	1472.815	70.51767	88.61598	71.20209	72.33491	48.37447	3.213665	48.41187	16.72498	31.68689	27.41911	1
1829.82	1833.82	1472.82	73.96334	77.42062	75.07257	75.46197	44.62146	4.265033	51.11351	20.15526	30.95825	27.66004	1
1829.825	1833.825	1472.825	75.04897	54.26406	75.80418	75.94578	51.97013	2.368945	45.66093	19.76145	25.89947	28.96273	1
1829.83	1833.83	1472.83	71.8865	82.51702	73.58574	77.19661	40.72623	4.972001	54.30177	22.00703	32.29474	26.64853	1
1829.835	1833.835	1472.835	73.32613	79.52323	73.53853	73.72734	51.6492	2.522198	45.8286	18.70285	27.12574	28.28993	1
1829.84	1833.84	1472.84	71.9101	60.62759	71.48529	70.94248	62.4631	0	37.5369	20.46422	17.07268	30.18575	1
1829.845	1833.845	1472.845	69.57365	58.706	67.89802	65.19576	74.77155	0	25.22845	17.9618	7.266641	30.05534	1
1829.85	1833.85	1472.85	72.66532	50.07276	72.58271	72.19331	61.67046	0	38.32954	23.11215	15.21738	30.32045	1
1829.855	1833.855	1472.855	74.06955	90.35655	73.03112	69.34945	58.0375	1.165615	40.79689	16.17769	24.6192	29.70231	1
1829.86	1833.86	1472.86	74.68316	74.95597	73.91614	72.53551	59.09652	0.719993	40.18349	25.58203	14.60146	29.83235	1
1829.865	1833.865	1472.865	73.10193	65.26447	72.12251	69.27865	64.54273	0	35.45727	23.44637	12.01089	30.42766	1
1829.87	1833.87	1472.87	76.07559	51.57662	75.72158	75.87498	60.27248	0.232934	39.49459	22.13668	17.35791	30.34141	1
1829.875	1833.875	1472.875	76.20539	45.6169	76.38239	74.83656	57.47997	0.957529	41.5625	15.97125	25.59125	30.30297	1
1829.88	1833.88	1472.88	74.12855	81.51445	75.53278	77.75122	41.19247	5.186724	53.62081	26.66884	26.95197	27.03168	1
1829.885	1833.885	1472.885	70.97788	90.35655	72.19331	73.03112	43.41452	4.341778	52.2437	17.37309	34.87061	27.08499	1
1829.89	1833.89	1472.89	71.36729	63.80239	72.34671	72.66532	51.31141	2.266334	46.42226	27.58132	18.84093	28.47404	1
1829.895	1833.895	1472.895	69.78606	92.04142	69.34945	68.72404	56.90652	1.560425	41.53305	30.64346	10.8896	28.63147	1
1829.9	1833.9	1472.9	69.91586	79.80172	69.25505	67.81542	61.4867	0.425865	38.08744	26.13499	11.95245	29.82255	1
1829.905	1833.905	1472.905	68.94824	100.3265	70.01026	68.24023	44.05793	4.178125	51.76395	26.48857	25.27538	27.27795	1
1829.91	1833.91	1472.91	74.36455	105.7571	74.87196	74.06955	42.05896	5.135572	52.80547	34.11479	18.69068	27.13473	1
1829.915	1833.915	1472.915	74.37635	68.77346	75.45017	74.97816	46.60846	3.757494	49.63405	32.51106	17.12299	28.17596	1
1829.92	1833.92	1472.92	73.83354	53.58175	74.34095	73.38513	55.17393	1.456607	43.36947	30.97533	12.39414	29.55038	1
1829.925	1833.925	1472.925	75.48557	54.09696	76.44139	78.02263	50.0542	2.924351	47.02145	13.92774	33.0937	28.4906	1
1829.93	1833.93	1472.93	76.05199	44.54471	76.16999	78.01083	58.33783	0.717969	40.9442	17.86987	23.07433	29.83388	1
1829.935	1833.935	1472.935	77.84562	68.88486	78.84864	77.71582	43.93848	4.944969	51.11655	18.47916	32.63739	28.21132	1
1829.94	1833.94	1472.94	77.49162	58.87309	78.05803	77.82202	50.07073	3.119801	46.80946	31.49557	15.3139	28.81834	1
1829.945	1833.945	1472.945	76.46499	91.79078	76.6066	77.68042	46.34141	4.076129	49.58246	15.60143	33.98102	27.49068	1
1829.95	1833.95	1472.95	74.14035	75.63828	74.37635	74.09315	51.65738	2.518754	45.82387	23.36608	22.45778	28.50574	1
1829.955	1833.955	1472.955	72.44111	74.64963	73.25533	72.11071	48.97879	3.030531	47.99068	25.40975	22.58093	28.30688	1
1829.96	1833.96	1472.96	75.99299	126.6301	77.76302	79.55666	25.7242	9.795118	64.48069	28.52736	35.95333	26.26071	1
1829.965	1833.965	1472.965	71.10768	79.75995	72.71252	75.10797	42.84157	4.338474	52.81996	31.05637	21.76359	27.00666	1
1829.97	1833.97	1472.97	77.53882	69.95705	79.20265	80.30007	38.83997	6.456372	54.70366	32.90598	21.79768	27.46426	1
1829.975	1833.975	1472.975	81.6453	88.01722	82.83713	85.56298	34.34952	8.514719	57.13577	21.06646	36.06931	26.79919	1
1829.98	1833.98	1472.98	83.74574	79.46753	85.04377	87.19142	33.66306	9.450063	56.88687	36.66389	20.22298	27.06008	1
1829.985	1833.985	1472.985	82.25891	86.01208	83.93455	86.4008	30.52071	10.16715	59.31214	40.84051	18.47164	26.84604	1
1829.99	1833.99	1472.99	83.56874	56.42237	83.73394	83.35634	48.18222	4.267624	47.55016	31.32518	16.22498	28.92266	1
1829.995	1833.995	1472.995	82.83713	64.45685	82.73092	82.16451	49.01435	3.721118	47.26453	22.77669	24.48784	28.89816	1
1830	1834	1473	82.69552	70.20769	82.17631	76.5712	50.95374	2.891299	46.15496	21.89987	24.2551	29.97563	1
1830.005	1834.005	1473.005	82.14091	103.2229	81.97571	82.56572	40.73076	5.922219	53.34702	25.37502	27.972	27.23568	1
1830.01	1834.01	1473.01	82.71912	79.00802	82.90793	86.70761	43.31523	5.50869	51.17607	23.70971	27.46636	27.26044	1
1830.015	1834.015	1473.015	86.93181	89.75779	88.20624	88.78445	28.42455	12.14263	59.43282	35.80783	23.625	27.17715	1

1830.02	1834.02	1473.02	83.89915	136.9621	86.5896	88.18264	8.816929	18.11024	73.07283	52.67157	20.40126	27.79327	1
1830.025	1834.025	1473.025	81.5627	68.00761	82.15271	84.61896	43.93188	5.415399	50.65272	23.98422	26.6685	27.69445	1
1830.03	1834.03	1473.03	86.99081	59.56932	86.76661	91.2861	47.29026	4.676446	48.03329	19.56522	28.46806	28.01097	1
1830.035	1834.035	1473.035	86.2238	81.4866	86.07039	86.04679	42.14323	6.070129	51.78664	22.71676	29.06988	27.98034	1
1830.04	1834.04	1473.04	86.89641	91.70723	85.86979	83.02593	45.81847	4.053351	50.12818	26.10298	24.02521	28.76421	1
1830.045	1834.045	1473.045	85.81079	56.88188	84.74877	82.61292	55.51933	1.280275	43.20039	13.35646	29.84394	30.441	1
1830.05	1834.05	1473.05	82.89613	59.86174	82.66012	80.07587	51.07806	3.059947	45.86199	31.89202	13.96998	29.61597	1
1830.055	1834.055	1473.055	91.3805	256.7552	88.06463	81.91671	19.49316	7.570676	72.93616	53.44956	19.4866	27.04322	1
1830.06	1834.06	1473.06	83.32094	153.3652	82.22351	80.94909	34.73538	7.056798	58.20783	30.09319	28.11463	26.54962	1
1830.065	1834.065	1473.065	82.11731	82.78158	82.18811	83.41534	43.87022	5.190174	50.93961	21.7937	29.14591	27.69366	1
1830.07	1834.07	1473.07	81.98751	56.35274	82.15271	83.86375	49.6538	3.619887	46.72631	21.85951	24.86681	28.65069	1
1830.075	1834.075	1473.075	90.29488	40.70153	90.69609	91.2861	43.96958	7.591878	48.43854	27.29796	21.14058	28.64567	1
1830.08	1834.08	1473.08	85.58658	53.80455	85.75179	85.58658	46.95932	4.988917	48.05177	18.55805	29.49372	28.85426	1
1830.085	1834.085	1473.085	86.08219	67.24176	84.25315	83.30914	58.70692	0	41.29308	20.86564	20.42744	30.16135	1
1830.09	1834.09	1473.09	80.45348	29.86821	79.48586	78.89584	66.25375	0	33.74625	18.99638	14.74987	30.21131	1
1830.095	1834.095	1473.095	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1830.42	1834.42	1473.42	92.18292	59.47185	91.56931	91.99411	45.55503	5.478186	48.96679	30.7368	18.22999	28.78046	6
1830.425	1834.425	1473.425	82.57752	71.80902	82.53032	80.34727	47.01671	4.289894	48.6934	25.82966	22.86374	28.82904	6
1830.43	1834.43	1473.43	78.77784	75.37371	78.18783	77.50342	53.85654	1.983212	44.16025	29.067	15.09325	29.13765	6
1830.435	1834.435	1473.435	84.32396	69.20512	82.27071	80.06407	61.58695	0	38.41305	12.73821	25.67484	29.73059	6
1830.44	1834.44	1473.44	79.63926	103.0418	81.30309	81.5863	28.90104	9.767521	61.33144	28.54971	32.78172	26.94389	6
1830.445	1834.445	1473.445	79.79266	154.8552	83.76934	87.91123	0	19.95691	80.04309	80.04309	0	-9999	6
1830.45	1834.45	1473.45	78.51824	118.4703	80.11127	85.20897	26.74741	10.04084	63.21175	35.63068	27.58107	25.81899	6
1830.455	1834.455	1473.455	78.89584	121.9236	80.78388	83.02593	23.27802	11.22858	65.4934	45.38409	20.10931	26.46053	6
1830.46	1834.46	1473.46	78.74244	124.9034	79.87526	80.01687	28.55095	9.428877	62.02018	35.01245	27.00772	26.56564	6
1830.465	1834.465	1473.465	80.83108	127.3124	82.73092	85.11457	20.10206	12.74367	67.15427	42.98299	24.17128	26.58368	6
1830.47	1834.47	1473.47	79.41506	106.2027	80.58328	81.25589	32.18336	8.565592	59.25105	38.448	20.80305	26.78042	6
1830.475	1834.475	1473.475	81.6807	75.7636	81.6217	80.37088	46.97622	4.19838	48.8254	21.11479	27.71061	28.54244	6
1830.48	1834.48	1473.48	81.99931	77.21175	82.66012	83.74574	40.75409	6.433763	52.81215	36.82445	15.9877	27.56675	6
1830.485	1834.485	1473.485	80.18207	136.2241	81.3857	82.68372	23.93817	11.05441	65.00742	33.12321	31.88421	26.37531	6
1830.49	1834.49	1473.49	79.19085	113.0536	80.80748	83.36814	27.25654	10.08029	62.66317	34.51114	28.15203	26.38129	6
1830.495	1834.495	1473.495	77.91642	96.9011	79.26165	80.04047	34.44131	7.684959	57.87373	39.18441	18.68932	26.90189	6
1830.5	1834.5	1473.5	76.15819	63.20363	76.701	78.30583	50.4324	2.901043	46.66656	23.83804	22.82852	28.36914	6
1830.505	1834.505	1473.505	76.7954	90.56542	78.01083	78.64804	38.01186	6.463407	55.52474	26.91578	28.60895	27.09678	6
1830.51	1834.51	1473.51	77.79842	129.3314	80.18207	81.5037	18.65397	12.37934	68.96669	48.48628	20.48041	26.83502	6
1830.515	1834.515	1473.515	78.53004	143.0332	80.66588	84.07615	16.58554	13.09222	70.32224	55.563	14.75924	26.41799	6
1830.52	1834.52	1473.52	77.79842	123.8869	79.07285	78.58904	28.56801	9.283015	62.14897	35.13056	27.01842	26.66937	6
1830.525	1834.525	1473.525	80.73668	63.02261	81.07889	81.7751	47.81867	4.06235	48.11898	28.45621	19.66276	28.45004	6
1830.53	1834.53	1473.53	75.80418	82.65626	77.43261	79.81626	37.63698	6.426777	55.93624	31.70909	24.22715	26.88557	6
1830.535	1834.535	1473.535	73.06652	134.1911	75.57998	76.22899	20.8253	10.5129	68.6618	37.39211	31.26969	26.58485	6
1830.54	1834.54	1473.54	73.56214	113.9726	75.73338	76.15819	27.91431	8.686584	63.3991	45.46496	17.93414	26.59868	6
1830.545	1834.545	1473.545	72.09891	133.648	73.25533	61.65569	32.3639	7.518167	60.11794	32.56082	27.55711	28.22139	6
1830.55	1834.55	1473.55	71.41449	96.49729	72.91312	74.97816	39.33194	5.388518	55.27955	38.05474	17.2248	26.54899	6
1830.555	1834.555	1473.555	71.53249	91.08063	71.56789	71.43809	51.87424	2.567913	45.55785	15.83967	29.71818	28.00746	6
1830.56	1834.56	1473.56	72.20511	48.9588	72.60632	72.20511	58.61391	0.503525	40.88257	28.34533	12.53723	29.98672	6
1830.565	1834.565	1473.565	71.23749	61.9922	72.0045	74.21115	53.51503	1.7468	44.73817	30.82501	13.91316	28.41908	6
1830.57	1834.57	1473.57	73.34973	99.81133	73.56214	76.42959	46.71777	3.897731	49.3845	25.07745	24.30705	26.84895	6
1830.575	1834.575	1473.575	76.819	132.3113	75.42657	74.96636	48.09851	3.737377	48.16411	30.79162	17.37249	27.11879	6
1830.58	1834.58	1473.58	72.72432	68.48105	72.96032	72.26411	54.69218	1.665633	43.64219	27.92119	15.721	29.04476	6
1830.585	1834.585	1473.585	71.6859	63.64922	72.59452	73.79814	51.60407	2.228953	46.16698	17.49939	28.66759	28.35664	6
1830.59	1834.59	1473.59	70.61207	93.58705	71.8511	73.65654	42.78638	4.486021	52.7276	27.30344	25.42416	26.77514	6
1830.595	1834.595	1473.595	69.98666	88.46281	71.59149	71.9927	41.76682	4.546822	53.68636	21.42045	32.26591	27.07225	6
1830.6	1834.6	1473.6	69.00724	141.0698	70.94248	66.29319	27.37633	8.305668	64.318	45.34663	18.97137	26.81198	6
1830.605	1834.605	1473.605	69.96306	93.40603	71.9927	74.43535	37.3	5.578571	57.12143	25.23475	31.88668	26.44229	6
1830.61	1834.61	1473.61	69.07804	91.79078	69.53825	70.74188	50.66821	2.7297	46.60209	24.74825	21.85384	27.46945	6
1830.615	1834.615	1473.615	66.9068	128.9415	64.66475	61.85629	64.61775	1.402842	33.97941	14.9158	19.06361	29.20992	6
1830.62	1834.62	1473.62	66.9422	67.5481	65.95098	63.94494	69.74849	0	30.25151	18.4762	11.77531	29.976	6
1830.625	1834.625	1473.625	63.79153	52.59311	63.35493	64.99516	71.96798	0	28.03202	9.276753	18.75527	28.961	2
1830.63	1834.63	1473.63	60.47567	71.19634	61.05388	61.87989	62.65173	0	37.34827	16.47527	20.873	29.01979	2
1830.635	1834.635	1473.635	57.92681	104.7685	59.01244	56.20398	52.93979	2.208269	44.85195	16.19177	28.66017	27.45633	2
1830.64	1834.64	1473.64	57.325	123.8451	56.51078	55.53136	63.60065	1.859724	34.53962	14.57414	19.96548	28.06931	2
1830.645	1834.645	1473.645	57.1598	66.0721	56.61699	52.4869	75.63033	0	24.36967	9.007643	15.36203	30.29068	2
1830.65	1834.65	1473.65	56.07418	70.93177	55.09476	51.05907	78.83678	0	21.16322	14.70348	6.459746	30.81415	2
1830.655	1834.655	1473.655	60.08626	69.67856	60.77067	51.35408	62.55422	0	37.44578	17.29262	20.15316	30.82585	2
1830.66	1834.66	1473.66	62.72951	96.87325	61.76189	53.59612	66.34458	0.349521	33.3059	23.94285	9.363055	31.03535	2
1830.665	1834.665	1473.665	64.75915	80.26124	64.45235	57.98581	63.37611	0.170288	36.4536	18.9448	17.5088	30.7227	2
1830.67	1834.67	1473.67	65.51437	108.3053	65.98638	54.56374	49.85882	3.119131	47.02205	15.51582	31.50623	29.11082	2
1830.675	1834.675	1473.675	65.17216	106.4951	65.88018	53.80853	48.78268	3.222563	47.99476	28.8528	19.14196	29.15941	2
1830.68	1834.68	1473.68	66.00998	90.25908	66.48199	62.1159	53.77005	1.996566	44.23339	26.29454	17.93884	28.70297	2
1830.685	1834.685	1473.685	67.78002	91.81863	68.21663	62.75311	52.03856	2.413842	45.5476	23.75051	21.79709	28.77151	2
1830.69	1834.69	1473.69	66.39939	98.5999	67.53221	67.131	46.27201	3.509663	50.21833	30.29105	19.92728	27.07165	2
1830.695	1834.695	1473.695	74.05775	66.67085	74.78936	78.04623	50.06251	2.836537	47.10095	28.14132	18.95963	27.85029	2
1830.7	1834.7	1473.7	73.01932	78.67383	73.75094	76.7836	48.11314	3.326148	48.56071	25.62975	22.93097	27.38546	2

1830.705	1834.705	1473.705	72.25231	121.7008	72.67712	66.7888	40.78402	5.466878	53.7491	31.13809	22.611	27.54893	2
1830.71	1834.71	1473.71	73.78634	115.755	75.42657	71.04868	31.39205	7.835373	60.77257	42.60429	18.16829	27.35317	2
1830.715	1834.715	1473.715	72.72432	176.8142	74.31735	61.50229	17.95858	11.45288	70.58854	48.45708	22.13146	28.44483	2
1830.72	1834.72	1473.72	71.8157	100.1873	73.17273	66.64719	39.16726	5.523768	55.30897	20.65339	34.65558	28.06341	2
1830.725	1834.725	1473.725	68.67683	136.6279	70.45867	58.24542	29.94413	7.655194	62.40068	35.81875	26.58193	28.18052	2
1830.73	1834.73	1473.73	65.79758	115.6157	67.31981	63.98034	39.68993	5.027	55.28307	25.81147	29.4716	26.85273	2
1830.735	1834.735	1473.735	65.20756	52.46779	66.02178	61.9035	61.00166	0	38.99834	15.7669	23.23144	30.20036	2
1830.74	1834.74	1473.74	66.16338	67.07467	67.23721	59.62605	54.5755	1.24654	44.17796	20.79099	23.38697	29.98043	2
1830.745	1834.745	1473.745	65.96278	112.803	66.11618	64.23994	50.82705	3.107075	46.06587	23.29243	22.77344	27.35662	2
1830.75	1834.75	1473.75	69.18425	80.10807	69.60905	70.85988	53.67208	1.912441	44.41548	16.10668	28.3088	28.08435	2
1830.755	1834.755	1473.755	70.98968	55.00206	71.24929	70.76548	59.36705	0.374993	40.25795	25.36275	14.89521	29.92017	2
1830.76	1834.76	1473.76	73.39693	70.05452	73.77454	71.43809	52.59517	2.203358	45.20147	15.04737	30.15411	29.07305	2
1830.765	1834.765	1473.765	76.33519	99.68601	75.53278	75.39117	51.86634	2.63345	45.50021	32.30313	13.19709	28.1213	2
1830.77	1834.77	1473.77	80.14667	149.4246	79.40326	76.9252	35.86578	6.953861	57.18036	40.41594	16.76441	26.65047	2
1830.775	1834.775	1473.775	73.68014	216.1372	71.40269	66.57639	37.55928	7.512647	54.92807	34.39359	20.53449	25.22703	2
1830.78	1834.78	1473.78	68.61783	141.2091	66.8124	63.30772	56.69113	2.8531	40.45577	31.09905	9.356719	27.85003	2
1830.785	1834.785	1473.785	62.69411	39.85213	62.84751	61.56129	71.48833	0	28.51167	5.089611	23.42206	29.12048	2
1830.79	1834.79	1473.79	63.56733	53.721	63.79153	63.59093	66.77999	0	33.22001	13.08612	20.1339	29.16664	2
1830.795	1834.795	1473.795	63.93314	47.26	63.52013	62.62331	72.94541	0	27.05459	15.58795	11.46664	29.37497	2
1830.8	1834.8	1473.8	66.30499	35.68868	66.15158	66.37579	71.55163	0	28.44837	7.639552	20.80882	29.08422	2
1830.805	1834.805	1473.805	71.07228	42.23323	70.55307	69.51465	68.41694	0	31.58306	8.098451	23.48461	29.73301	2
1830.81	1834.81	1473.81	70.32887	94.06049	69.99846	66.55279	55.09546	1.9498	42.95474	24.40089	18.55386	28.87725	2
1830.815	1834.815	1473.815	66.39939	56.2135	65.01876	63.42573	76.00877	0	23.99123	12.0748	11.91643	29.91849	2
1830.82	1834.82	1473.82	65.39637	33.47467	64.77095	62.0569	76.58142	0	23.41858	5.51642	17.90216	29.74222	2
1830.825	1834.825	1473.825	62.2929	46.2435	62.0215	58.10382	73.60299	0	26.39701	15.64578	10.75123	29.83885	2
1830.83	1834.83	1473.83	57.51381	29.71504	56.99459	56.34558	83.92014	0	16.07986	16.07986	0	29.71816	2
1830.835	1834.835	1473.835	58.29262	57.27177	56.85299	55.47236	83.66815	0	16.33185	8.58505	7.7468	30.72679	2
1830.84	1834.84	1473.84	56.92379	31.39991	56.36918	54.70535	84.32957	0	15.67043	7.616939	8.053491	29.99647	2
1830.845	1834.845	1473.845	55.49596	24.81359	55.51956	54.18614	82.75592	0	17.24408	17.24408	0	29.32847	2
1830.85	1834.85	1473.85	55.70837	28.65677	55.66117	54.77615	82.17917	0	17.82083	17.82083	0	29.29429	2
1830.855	1834.855	1473.855	61.30168	55.99071	60.88867	59.21304	73.25352	0	26.74648	5.380601	21.36588	29.5702	2
1830.86	1834.86	1473.86	61.11288	77.51809	61.24268	58.57583	64.0108	0	35.9892	9.148718	26.84048	29.89399	2
1830.865	1834.865	1473.865	59.77945	24.68827	59.47265	58.72923	81.40609	0	18.59391	9.799532	8.794375	29.33741	2
1830.87	1834.87	1473.87	60.78247	45.49158	60.65267	56.85299	74.07713	0	25.92287	22.518	3.404871	29.71937	2
1830.875	1834.875	1473.875	60.47567	31.44168	60.09806	58.11562	79.67996	0	20.32004	17.7648	2.555241	29.57012	2
1830.88	1834.88	1473.88	64.92436	32.31893	64.86536	64.70015	72.90567	0	27.09433	7.680862	19.41347	29.02754	2
1830.885	1834.885	1473.885	69.17244	44.15482	68.99544	68.79484	67.04766	0	32.95234	12.52356	20.42877	29.5336	2
1830.89	1834.89	1473.89	67.75642	122.6059	67.75642	61.06568	47.99348	3.887263	48.11926	29.25787	18.86139	27.85749	2
1830.895	1834.895	1473.895	59.95646	44.34976	59.47265	57.96221	77.85695	0	22.14305	9.012097	13.13096	29.5836	2
1830.9	1834.9	1473.9	58.04482	38.54322	58.62303	59.03604	72.79017	0	27.20983	21.72437	5.485458	28.37588	2
1830.905	1834.905	1473.905	59.74405	35.74438	59.23664	58.72923	80.31776	0	19.68224	4.937453	14.74478	29.45262	2
1830.91	1834.91	1473.91	61.13648	46.54985	61.71469	60.74707	68.00823	0	31.99177	24.88277	7.108996	28.9088	2
1830.915	1834.915	1473.915	60.64087	39.07235	59.83845	58.10382	80.97362	0	19.02638	13.83103	5.195354	29.90898	2
1830.92	1834.92	1473.92	60.48747	29.72896	60.35766	59.81485	78.16309	0	21.83691	14.96148	6.875429	29.07906	2
1830.925	1834.925	1473.925	61.75009	40.92432	61.50229	60.81787	75.20672	0	24.79328	7.398953	17.39433	29.19647	2
1830.93	1834.93	1473.93	58.54043	50.57405	58.94163	59.76765	70.79452	0	29.20548	22.13631	7.069165	28.5441	2
1830.935	1834.935	1473.935	56.07418	22.7806	56.22758	55.55496	81.70998	0	18.29002	18.29002	0	29.01027	2
1830.94	1834.94	1473.94	58.10382	41.30028	57.0182	55.04755	84.96339	0	15.03661	15.03661	0	30.54723	2
1830.945	1834.945	1473.945	55.92077	27.0276	55.51956	55.11836	85.12158	0	14.87842	8.387388	6.491037	29.6985	2
1830.95	1834.95	1473.95	54.02093	24.71612	54.55194	54.70535	80.20411	0	19.79589	17.50721	2.288687	28.47713	2
1830.955	1834.955	1473.955	54.58735	33.44682	54.51654	54.15074	82.23422	0	17.76578	17.76578	0	29.28168	2
1830.96	1834.96	1473.96	55.20096	40.53443	54.72895	54.31594	83.06386	0	16.93614	16.93614	0	29.73559	2
1830.965	1834.965	1473.965	57.52561	48.9588	56.80579	54.98855	80.80698	0	19.19302	19.19302	0	30.03885	2
1830.97	1834.97	1473.97	55.04755	31.85942	55.10656	54.22154	81.18901	0	18.81099	14.50272	4.30827	29.17989	2
1830.975	1834.975	1473.975	56.97099	29.26945	56.84119	54.63455	81.50945	0	18.49055	17.2207	1.269853	29.54898	2
1830.98	1834.98	1473.98	63.82694	37.49887	63.33132	62.48171	76.04547	0	23.95453	7.10762	16.84691	29.35253	2
1830.985	1834.985	1473.985	62.70591	64.95813	62.91832	57.90321	64.94456	0	35.05544	16.31032	18.74512	30.19245	2
1830.99	1834.99	1473.99	59.69685	63.73277	59.47265	58.81183	71.39315	0	28.60685	13.85725	14.74959	29.33948	2
1830.995	1834.995	1473.995	57.60821	60.94785	56.97099	55.61397	77.18947	0	22.81053	4.762513	18.04802	29.83101	2
1831	1835	1474	61.28988	65.25055	60.33406	60.40486	75.23028	0	24.76972	5.317469	19.45225	29.6522	2
1831.005	1835.005	1474.005	64.09834	54.69572	63.57913	63.73253	71.81705	0	28.18295	21.42855	6.754407	29.28657	2
1831.01	1835.01	1474.01	65.13676	40.45088	65.07776	64.72375	70.74232	0	29.25768	21.94067	7.317005	29.15258	2
1831.015	1835.015	1474.015	65.62057	45.86754	65.95098	65.08956	65.96848	0	34.03152	23.82696	10.20457	29.37102	2
1831.02	1835.02	1474.02	66.08078	48.61068	66.9658	67.55581	60.58301	0	39.41699	16.25945	23.15754	29.42786	2
1831.025	1835.025	1474.025	62.1749	118.1639	62.72951	61.37248	49.90518	3.286028	46.80879	18.71984	28.08894	26.79849	2
1831.03	1835.03	1474.03	56.98279	126.1149	55.01215	51.54288	72.3285	1.132177	26.53932	9.656821	16.8825	30.23741	2
1831.035	1835.035	1474.035	53.10051	41.04964	52.85271	54.11534	83.134	0	16.866	16.866	0	29.30922	2
1831.04	1835.04	1474.04	53.40732	21.77803	53.27752	54.38674	86.60095	0	13.39905	2.931994	10.46705	29.34662	2
1831.045	1835.045	1474.045	55.20096	42.20538	54.52834	55.28356	84.21417	0	15.78583	13.53998	2.245844	29.79309	2
1831.05	1835.05	1474.05	55.44876	38.08371	54.82335	54.64635	84.61783	0	15.38217	8.804555	6.577614	29.91182	2
1831.055	1835.055	1474.055	56.14498	33.08478	56.31018	57.443	79.05978	0	20.94022	16.00797	4.932257	28.6122	2
1831.06	1835.06	1474.06	54.59915	39.26729	55.40156	55.63757	74.04737	0	25.95263	9.840023	16.1126	28.16865	2
1831.065	1835.065	1474.065	56.41638	27.89092	56.59339	57.0654	79.97555	0	20.02445	4.921923	15.10253	28.72411	2

1831.07	1835.07	1474.07	57.1834	55.50335	56.53439	57.1126	78.98932	0	21.01068	16.94627	4.064417	29.51786	2
1831.075	1835.075	1474.075	57.57281	93.04399	55.63757	53.96193	79.51448	0	20.48552	19.66216	0.823358	31.27492	2
1831.08	1835.08	1474.08	64.97156	73.42427	62.96552	57.0654	78.00431	0	21.99569	9.87453	12.12116	31.21966	2
1831.085	1835.085	1474.085	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1831.44	1835.44	1474.44	73.78634	28.28081	72.80692	72.80692	72.86312	0	27.13688	13.24399	13.89289	29.38366	2
1831.445	1835.445	1474.445	79.29705	90.34263	76.27619	74.49435	68.59548	0	31.40452	11.79154	19.61298	28.77104	2
1831.45	1835.45	1474.45	82.70732	98.14039	80.58328	79.33245	56.62063	0.468901	42.91047	24.42841	18.48206	29.53608	2
1831.455	1835.455	1474.455	83.80475	74.55216	82.80173	80.89009	52.63142	2.123621	45.24496	28.44302	16.80194	29.5149	2
1831.46	1835.46	1474.46	83.96995	92.37561	82.19991	79.39145	54.11053	1.181576	44.70789	15.06797	29.63993	29.62461	2
1831.465	1835.465	1474.465	77.22021	53.24756	75.73338	74.06955	67.59443	0	32.40557	17.59845	14.80712	29.81421	2
1831.47	1835.47	1474.47	76.27619	69.62286	74.03414	71.29649	70.35303	0	29.64697	6.193598	23.45337	29.62433	2
1831.475	1835.475	1474.475	71.8393	34.63041	70.88348	69.14884	72.93489	0	27.06511	22.70372	4.361394	29.68439	2
1831.48	1835.48	1474.48	74.55336	138.0343	71.53249	67.85082	61.4183	1.038971	37.54273	17.57714	19.96559	29.23516	2
1831.485	1835.485	1474.485	76.6538	99.18473	76.13459	73.99874	49.49968	3.243192	47.25712	26.68407	20.57306	28.23972	2
1831.49	1835.49	1474.49	77.19661	51.29812	76.33519	74.32915	63.24096	0	36.75904	20.11676	16.64228	30.56398	2
1831.495	1835.495	1474.495	78.12883	74.8585	77.82202	77.98723	52.38347	2.424138	45.19239	25.14353	20.04886	28.73931	2
1831.5	1835.5	1474.5	85.22077	177.8029	85.11457	79.92247	19.39166	12.30487	68.30347	47.39071	20.91276	27.36816	2
1831.505	1835.505	1474.505	87.03801	77.2953	88.31244	91.0973	31.34276	11.3764	57.28084	41.50862	15.77222	26.93318	2
1831.51	1835.51	1474.51	81.7161	49.43223	81.86951	78.01083	51.66971	3.014924	45.31537	25.16328	20.15208	30.03641	2
1831.515	1835.515	1474.515	83.39174	74.21797	82.44772	81.84591	52.635	2.163866	45.20113	19.90618	25.29495	29.25114	2
1831.52	1835.52	1474.52	82.89613	76.02817	82.62472	81.7751	47.44014	4.049933	48.50993	33.36575	15.14418	28.56643	2
1831.525	1835.525	1474.525	84.79597	53.13617	85.03197	85.10277	47.29972	4.808912	47.89137	26.84417	21.0472	28.81812	2
1831.53	1835.53	1474.53	82.11731	66.40629	80.99629	77.35001	57.06968	0.850087	42.08023	21.44436	20.63587	30.5682	2
1831.535	1835.535	1474.535	81.5745	92.91867	81.27949	81.89311	44.75144	4.684578	50.56398	28.30291	22.26107	27.6714	2
1831.54	1835.54	1474.54	85.78719	115.9638	86.14119	87.67523	30.26898	9.919183	59.81183	25.65509	34.15674	26.64547	2
1831.545	1835.545	1474.545	87.92303	58.83132	88.86705	91.5457	37.55748	9.469995	52.97252	34.46095	18.51158	27.4389	2
1831.55	1835.55	1474.55	84.80777	48.22079	84.59536	84.80777	51.95356	3.052587	44.99386	21.41109	23.58276	29.48744	2
1831.555	1835.555	1474.555	81.6217	70.8343	81.5273	80.76028	48.49775	3.748942	47.75331	22.65491	25.0984	28.69318	2
1831.56	1835.56	1474.56	80.04047	84.43861	79.56846	79.02565	49.5867	3.202671	47.21063	22.29174	24.91889	28.44956	2
1831.565	1835.565	1474.565	82.99053	60.59974	83.30914	83.37994	46.51438	4.760414	48.72521	28.8243	19.90091	28.54712	2
1831.57	1835.57	1474.57	87.06161	53.67923	87.26222	86.5188	45.35826	5.824087	48.81765	30.11825	18.6994	28.8154	2
1831.575	1835.575	1474.575	86.14119	83.93732	85.56298	85.56298	44.91841	4.779203	50.30239	23.81131	26.49107	28.19014	2
1831.58	1835.58	1474.58	83.63954	129.7074	81.7043	80.11127	46.66054	3.200495	50.13896	16.42182	33.71714	27.77458	2
1831.585	1835.585	1474.585	81.31489	111.0902	79.36785	78.78964	53.39602	1.646856	44.95712	22.81364	22.14349	28.54998	2
1831.59	1835.59	1474.59	81.4919	91.55406	81.19689	81.7751	45.15767	4.566037	50.2763	35.41438	14.86191	27.73342	2
1831.595	1835.595	1474.595	80.33547	57.27177	80.42988	80.06407	51.49998	2.880637	45.61938	30.09882	15.52056	29.16693	2
1831.6	1835.6	1474.6	79.26165	86.48552	77.82202	76.6184	57.30691	0.902487	41.7906	26.24779	15.54281	29.57396	2
1831.605	1835.605	1474.605	82.57752	113.1093	81.5745	78.94305	44.42964	4.423208	51.14715	18.45644	32.69071	27.95442	2
1831.61	1835.61	1474.61	79.52126	82.73981	79.27345	79.69826	48.7379	3.485776	47.77632	18.78971	28.98661	28.17529	2
1831.615	1835.615	1474.615	75.62718	70.70898	74.86016	74.76576	59.2558	0.610241	40.13396	16.33458	23.79939	29.76119	2
1831.62	1835.62	1474.62	77.31461	72.3103	76.32339	74.35275	59.05342	0.585999	40.36058	22.68142	17.67916	30.15441	2
1831.625	1835.625	1474.625	84.40656	110.0459	84.52456	83.65134	34.80034	8.100606	57.09905	34.79932	22.29973	27.20634	2
1831.63	1835.63	1474.63	79.46226	89.07549	78.58904	78.09343	52.10589	2.412419	45.48169	31.65218	13.82951	28.63135	2
1831.635	1835.635	1474.635	75.72158	76.37628	74.86016	75.87498	58.52907	0.827545	40.64338	21.89925	18.74413	29.31868	2
1831.64	1835.64	1474.64	72.83052	89.18689	71.9691	71.50889	58.08868	1.198023	40.71329	17.25604	23.45726	29.03847	2
1831.645	1835.645	1474.645	70.06926	71.02924	69.03084	66.43479	66.39497	0	33.60503	12.09641	21.50863	30.22939	2
1831.65	1835.65	1474.65	68.79484	95.78713	68.84204	69.25505	53.16246	2.337088	44.50046	29.74923	14.75122	27.77337	2
1831.655	1835.655	1474.655	65.56157	53.84632	64.40515	61.30168	75.61483	0	24.38517	5.593592	18.79158	30.11837	2
1831.66	1835.66	1474.66	72.60632	177.2598	69.70346	66.64719	52.80248	3.888717	43.3088	16.22195	27.08686	26.73214	2
1831.665	1835.665	1474.665	76.19359	146.2776	77.30281	79.35605	25.90623	9.743271	64.3505	44.47561	19.87489	25.80673	2
1831.67	1835.67	1474.67	71.6741	55.68437	71.9101	71.15489	58.75518	0.543868	40.70095	22.39289	18.30807	29.88469	2
1831.675	1835.675	1474.675	65.03056	58.95664	65.39637	66.16338	63.06937	0	36.93063	15.18796	21.74267	29.27859	2
1831.68	1835.68	1474.68	69.93946	56.50591	69.24325	68.34643	67.37693	0	32.62307	22.59519	10.02788	29.76843	2
1831.685	1835.685	1474.685	71.39089	133.4113	70.18727	64.14554	51.36293	3.432896	45.20417	17.08912	28.11505	28.04519	2
1831.69	1835.69	1474.69	78.42384	148.8676	81.5273	83.50974	7.772267	15.9805	76.24723	69.04486	7.202372	-9999	2
1831.695	1835.695	1474.695	85.88159	93.82377	85.84619	85.71638	38.55794	7.15246	54.2896	35.25254	19.03706	27.53569	2
1831.7	1835.7	1474.7	87.34482	83.812	87.69883	88.37144	36.61671	8.566302	54.81699	37.30926	17.50774	27.45433	2
1831.705	1835.705	1474.705	81.7279	84.75887	81.7751	81.22049	43.93287	5.112379	50.95475	17.89951	33.05523	27.96201	2
1831.71	1835.71	1474.71	71.6623	40.39518	70.98968	68.73584	69.50781	0	30.49219	10.68764	19.80455	29.91351	2
1831.715	1835.715	1474.715	68.72404	58.17686	68.09862	67.47321	67.54204	0	32.45796	7.833665	24.6243	29.67755	2
1831.72	1835.72	1474.72	71.6977	74.71926	70.56487	69.49105	64.73544	0	35.26456	7.899176	27.36538	30.07283	2
1831.725	1835.725	1474.725	69.63265	65.66828	69.52645	69.65625	60.8693	0.241097	38.8896	16.0315	22.8581	29.72406	2
1831.73	1835.73	1474.73	71.6151	112.3852	69.55005	66.50559	62.92097	0.732805	36.34623	19.41385	16.93238	29.72275	2
1831.735	1835.735	1474.735	72.38211	88.61598	71.22569	66.9186	60.92568	0.608747	38.46558	23.43673	15.02885	30.2054	2
1831.74	1835.74	1474.74	75.22597	76.94719	75.55638	74.83656	49.61024	3.098056	47.29171	17.03493	30.25678	28.36703	2
1831.745	1835.745	1474.745	70.14006	55.02991	69.05444	69.00724	70.56748	0	29.43252	11.35537	18.07716	29.50305	2
1831.75	1835.75	1474.75	68.14582	69.84566	66.9658	65.66777	69.54838	0	30.45162	14.87401	15.57761	29.88243	2
1831.755	1835.755	1474.755	72.64172	172.4141	69.96306	63.29592	52.205	3.899756	43.89525	14.55658	29.33867	27.44528	2
1831.76	1835.76	1474.76	74.19935	110.756	75.57998	75.32037	34.23377	7.140339	58.62589	36.00407	22.62182	26.68168	2
1831.765	1835.765	1474.765	71.9573	86.69439	70.60027	67.47321	63.33621	0.108036	36.55576	19.55547	17.00029	30.44529	2
1831.77	1835.77	1474.77	67.70921	47.35747	65.98638	65.19576	79.59899	0	20.40101	13.32839	7.072623	29.83899	2
1831.775	1835.775	1474.775	65.21936	59.40223	63.83874	61.16008	76.32272	0	23.67728	13.01633	10.66096	30.18921	2
1831.78	1835.78	1474.78	64.13374	53.76277	63.07172	62.0687	76.21704	0	23.78296	18.1525	5.630467	29.74129	2

1831.785	1835.785	1474.785	66.13978	63.83024	65.33737	62.83571	69.92321	0	30.07679	10.63581	19.44098	29.97763	2
1831.79	1835.79	1474.79	73.92794	122.6616	74.69496	77.33821	36.35782	6.642906	56.99927	31.07954	25.91973	25.90197	2
1831.795	1835.795	1474.795	62.64691	60.2377	61.37248	61.23088	77.66412	0	22.33588	14.62214	7.713743	29.82947	2
1831.8	1835.8	1474.8	62.80031	69.37222	62.1749	60.80607	70.28258	0	29.71742	18.53464	11.18278	29.7408	2
1831.805	1835.805	1474.805	64.57035	48.88917	64.09834	64.84176	72.42217	0	27.57783	22.1319	5.445924	29.10949	2
1831.81	1835.81	1474.81	63.22512	47.74736	62.59971	59.98006	75.12498	0	24.87502	19.62412	5.250903	29.79086	2
1831.815	1835.815	1474.815	63.27232	54.59825	62.2221	60.27506	76.7159	0	23.2841	17.88878	5.395312	29.95253	2
1831.82	1835.82	1474.82	70.03386	60.01491	69.44385	67.54401	65.61783	0	34.38217	11.74014	22.64203	30.06796	2
1831.825	1835.825	1474.825	69.44385	75.66613	67.95702	64.70015	69.32339	0	30.67661	6.544265	24.13234	30.29971	2
1831.83	1835.83	1474.83	69.14884	106.328	66.57639	62.96552	70.58819	0	29.41181	14.62362	14.78819	30.73686	2
1831.835	1835.835	1474.835	67.36701	87.57164	64.84176	62.68231	76.40072	0	23.59928	15.9618	7.63748	30.541	2
1831.84	1835.84	1474.84	65.78578	54.20836	66.02178	66.16338	64.52963	0	35.47037	20.85289	14.61748	29.35478	2
1831.845	1835.845	1474.845	69.93946	67.61772	69.24325	67.94522	64.68787	0	35.31213	18.82964	16.48249	30.0564	2
1831.85	1835.85	1474.85	68.37003	55.80969	68.38183	68.38183	63.50218	0	36.49782	10.37481	26.12301	29.69893	2
1831.855	1835.855	1474.855	67.2018	54.16659	67.2018	66.8478	65.06603	0	34.93397	11.61157	23.3224	29.56503	2
1831.86	1835.86	1474.86	71.7921	171.0634	69.53825	67.63841	50.02124	4.422014	45.55674	29.6859	15.87084	26.2864	2
1831.865	1835.865	1474.865	74.95456	195.4592	74.32915	73.53853	28.58762	9.170283	62.2421	31.31282	30.92928	25.12702	2
1831.87	1835.87	1474.87	73.47953	166.9974	71.8275	69.56185	44.78872	5.211959	49.99932	18.82298	31.17634	26.15157	2
1831.875	1835.875	1474.875	72.12251	61.78333	71.32009	68.60603	64.91446	0	35.08554	16.77874	18.3068	30.34263	2
1831.88	1835.88	1474.88	66.19878	49.36261	66.41119	65.53797	65.50523	0	34.49477	19.68254	14.81223	29.48804	2
1831.885	1835.885	1474.885	64.19274	57.98192	64.77095	67.2018	62.42991	0	37.57009	7.703456	29.86663	28.87522	2
1831.89	1835.89	1474.89	65.23116	64.3733	65.17216	65.08956	64.86625	0	35.13375	14.77423	20.35952	29.49573	2
1831.895	1835.895	1474.895	66.08078	92.86297	66.69439	64.62935	51.97734	2.367976	45.65468	19.86997	25.78471	28.00187	2
1831.9	1835.9	1474.9	73.95154	109.8649	74.91916	76.9252	37.87823	6.174637	55.94714	23.33521	32.61193	26.32304	2
1831.905	1835.905	1474.905	69.79786	83.61706	69.03084	75.60358	61.49502	0.51132	37.99366	25.77782	12.21584	28.22794	2
1831.91	1835.91	1474.91	66.54099	83.65883	65.83298	69.70346	64.02396	0.155981	35.82005	18.05815	17.76191	28.9616	2
1831.915	1835.915	1474.915	66.18698	119.2918	66.57639	70.52947	47.22144	3.884961	48.89359	32.77324	16.12035	25.80649	2
1831.92	1835.92	1474.92	67.85082	112.5662	68.29923	70.83628	46.86105	3.845727	49.29323	20.54266	28.75057	26.30342	2
1831.925	1835.925	1474.925	66.30499	78.70168	68.27563	70.32887	44.68114	3.287827	52.03103	19.25493	32.7761	26.98064	2
1831.93	1835.93	1474.93	67.53221	72.15713	67.96882	68.45263	57.02462	1.034775	41.94061	23.53765	18.40295	28.76158	2
1831.935	1835.935	1474.935	66.64719	68.31395	67.60301	68.20482	54.745	1.286163	43.96883	14.43832	29.53052	28.47099	2
1831.94	1835.94	1474.94	65.84478	70.61151	67.072	67.61481	52.82383	1.611344	45.56483	27.3996	18.16523	28.14872	2
1831.945	1835.945	1474.945	69.13704	78.27002	69.80966	69.20785	52.23982	2.148547	45.61164	23.09643	22.51521	28.28479	2
1831.95	1835.95	1474.95	77.11401	99.85311	77.36181	75.68618	42.97017	5.046924	51.98291	18.86705	33.11586	27.5915	2
1831.955	1835.955	1474.955	73.73914	137.0317	72.58271	72.0635	47.9606	4.061253	47.97815	18.95856	29.01959	26.77292	2
1831.96	1835.96	1474.96	78.09343	196.1555	75.23777	70.28167	42.81578	5.233195	51.95102	27.68991	24.26111	26.29082	2
1831.965	1835.965	1474.965	65.86838	103.3343	63.59093	62.1277	72.04442	0	27.95558	6.04582	21.90976	30.57346	2
1831.97	1835.97	1474.97	67.28441	66.46198	66.55279	65.80938	67.68456	0	32.31544	5.539515	26.77592	29.73146	2
1831.975	1835.975	1474.975	69.88046	84.87027	69.37305	70.70648	59.1038	0.987729	39.90847	17.23109	22.67738	28.76554	2
1831.98	1835.98	1474.98	75.65078	199.567	73.90434	71.6387	35.64096	7.457996	56.90105	27.65922	29.24183	25.25414	2
1831.985	1835.985	1474.985	67.072	136.9621	65.64417	64.98336	56.21461	2.92544	40.85995	11.67246	29.18749	27.23185	2
1831.99	1835.99	1474.99	65.80938	45.43588	65.70317	66.57639	69.28296	0	30.71704	15.96793	14.74911	29.03314	2
1831.995	1835.995	1474.995	69.90406	147.9625	67.78002	66.64719	56.34268	2.959862	40.69746	29.40577	11.29169	27.29301	2
1832	1836	1475	76.7718	407.7811	71.10768	64.70015	14.58382	14.67429	70.74189	54.28365	16.45824	22.8802	2
1832.005	1836.005	1475.005	76.19359	181.6321	73.56214	68.65323	46.34069	4.658487	49.00082	31.76097	17.23985	26.66173	2
1832.01	1836.01	1475.01	82.49492	266.4606	79.50946	77.46802	22.75853	9.658554	67.58292	32.44256	35.14035	24.86963	2
1832.015	1836.015	1475.015	85.69278	157.6819	87.84043	91.4277	6.359387	19.05044	74.59017	63.2483	11.34187	-9999	2
1832.02	1836.02	1475.02	85.92879	194.6237	90.21228	94.03556	0	30.19806	69.80194	69.80194	0	-9999	2
1832.025	1836.025	1475.025	80.78388	169.4899	82.03471	79.00205	14.96837	13.73183	71.29979	59.52214	11.77765	27.35524	2
1832.03	1836.03	1475.03	79.17905	82.85121	78.56544	76.642	51.86078	2.532057	45.60716	26.04607	19.56109	28.95994	2
1832.035	1836.035	1475.035	79.24985	112.8865	80.86649	78.63624	27.24269	10.09988	62.65742	34.21729	28.44013	27.25669	2
1832.04	1836.04	1475.04	74.83656	112.8726	74.57696	70.64748	45.84714	4.264947	49.88791	33.03277	16.85514	27.82289	2
1832.045	1836.045	1475.045	72.15791	80.73467	71.6505	72.25231	58.00937	1.101639	40.88899	24.2485	16.64049	28.97235	2
1832.05	1836.05	1475.05	72.53551	135.0823	70.87168	65.63237	53.47213	2.949522	43.57835	30.22125	13.35709	28.19074	2
1832.055	1836.055	1475.055	71.8747	87.69696	69.44385	66.11618	71.4917	0	28.5083	7.749341	20.75896	30.20832	2
1832.06	1836.06	1475.06	74.63596	50.74114	74.62416	72.64172	59.14701	0.49642	40.35657	22.30952	18.04705	30.45055	2
1832.065	1836.065	1475.065	79.40326	58.34396	80.24107	81.4919	46.33668	4.484564	49.17875	27.81009	21.36866	28.21168	2
1832.07	1836.07	1475.07	83.48614	127.9807	81.20869	77.26741	49.87162	2.146409	47.98197	19.48617	28.49579	28.58526	2
1832.075	1836.075	1475.075	83.26193	84.64748	82.78992	82.47132	46.57241	4.178546	49.24905	34.5692	14.67985	28.24817	2
1832.08	1836.08	1475.08	84.24135	61.8251	84.35936	85.58658	46.62176	4.774361	48.60388	25.64125	22.96263	28.37202	2
1832.085	1836.085	1475.085	85.37418	44.99029	85.69278	86.70761	48.0989	4.804176	47.09692	21.799	25.29792	28.87262	2
1832.09	1836.09	1475.09	85.42138	54.25013	84.55996	84.66616	54.95979	1.626031	43.41418	25.18609	18.22809	29.92614	2
1832.095	1836.095	1475.095	89.62227	61.97827	88.53664	88.46584	50.96235	2.675847	46.36181	25.0366	21.32521	29.47368	2
1832.1	1836.1	1475.1	90.61349	55.99071	89.30366	88.22984	53.237	1.701859	45.06114	13.73896	31.32218	30.17057	2
1832.105	1836.105	1475.105	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1832.815	1836.815	1475.815	143.1718	390.8349	139.5255	135.4544	0	0	100	100	0	-9999	2
1832.82	1836.82	1475.82	130.6517	199.191	128.8935	127.2178	0	36.1913	63.8087	63.8087	0	-9999	2
1832.825	1836.825	1475.825	136.6108	895.1133	128.6811	122.7809	0	0	100	100	0	-9999	2
1832.83	1836.83	1475.83	120.0433	282.0561	118.1081	119.8309	0	26.13333	73.86667	73.86667	0	-9999	2
1832.835	1836.835	1475.835	117.223	250.6562	115.2642	115.1698	0	21.6835	78.3165	78.3165	0	-9999	2
1832.84	1836.84	1475.84	114.863	207.8799	113.3408	113.6594	0	23.10777	76.89223	76.89223	0	-9999	2
1832.845	1836.845	1475.845	123.0406	471.1658	119.8309	116.8572	0	17.17667	82.82333	82.82333	0	-9999	2
1832.85	1836.85	1475.85	134.711	876.524	128.7637	133.6018	0	0	100	100	0	-9999	2

1832.855	1836.855	1475.855	125.849	801.0389	122.3207	117.1286	0	31.76531	68.23469	68.23469	0	-9999	2
1832.86	1836.86	1475.86	130.9113	1540.824	119.8427	111.5589	0	0	100	100	0	-9999	2
1832.865	1836.865	1475.865	122.0021	633.3174	116.928	117.0106	0	0	100	100	0	-9999	2
1832.87	1836.87	1475.87	127.9849	519.2055	124.0436	117.0814	0	1.670577	98.32942	98.32942	0	-9999	2
1832.875	1836.875	1475.875	121.4475	500.8947	119.3825	112.3495	0	39.66473	60.33527	60.33527	0	-9999	2
1832.88	1836.88	1475.88	124.551	771.5745	117.2584	114.6506	0	0	100	100	0	-9999	2
1832.885	1836.885	1475.885	119.0993	313.6231	116.043	115.1698	0	10.04967	89.95033	89.95033	0	-9999	2
1832.89	1836.89	1475.89	115.5238	304.5165	113.1991	113.9898	0	19.41384	80.58616	80.58616	0	-9999	2
1832.895	1836.895	1475.895	120.4209	423.7665	115.512	108.5027	0	0	100	100	0	-9999	2
1832.9	1836.9	1475.9	117.3174	235.1303	115.7244	115.04	0	26.11619	73.88381	73.88381	0	-9999	2
1832.905	1836.905	1475.905	121.1643	357.3045	117.6242	118.3323	0	4.606338	95.39366	95.39366	0	-9999	2
1832.91	1836.91	1475.91	115.4294	184.1803	112.6209	108.3847	10.99887	4.988621	84.01251	55.1385	28.87401	30.12816	2
1832.915	1836.915	1475.915	112.9985	161.2048	110.4025	106.5202	17.1492	5.795294	77.05551	56.97576	20.07975	29.37939	2
1832.92	1836.92	1475.92	116.81	169.5317	114.7096	110.6503	7.786549	13.9269	78.28655	57.13317	21.15338	-9999	2
1832.925	1836.925	1475.925	126.97	256.8527	124.2088	118.0963	0	11.40593	88.59407	88.59407	0	-9999	2
1832.93	1836.93	1475.93	134.0502	762.5792	125.7074	121.4121	0	0	100	100	0	-9999	2
1832.935	1836.935	1475.935	127.7016	429.8794	123.961	116.7038	0	0.50348	99.49652	99.49652	0	-9999	2
1832.94	1836.94	1475.94	135.006	545.8293	129.7077	121.2705	0	0	100	100	0	-9999	2
1832.945	1836.945	1475.945	133.4248	737.5985	125.8254	121.9431	0	0	100	100	0	-9999	2
1832.95	1836.95	1475.95	128.7401	689.0157	122.4387	120.0669	0	0	100	100	0	-9999	2
1832.955	1836.955	1475.955	125.5894	264.5251	123.8312	121.4121	0	33.7259	66.2741	66.2741	0	-9999	2
1832.96	1836.96	1475.96	129.3183	386.0309	126.4036	121.3295	0	16.4555	83.5445	83.5445	0	-9999	2
1832.965	1836.965	1475.965	126.0732	340.2887	123.5126	124.3976	0	21.35289	78.64711	78.64711	0	-9999	2
1832.97	1836.97	1475.97	129.9437	323.0362	127.9141	125.554	0	35.96523	64.03477	64.03477	0	-9999	2
1832.975	1836.975	1475.975	131.7137	522.5892	128.2091	121.7307	0	8.753881	91.24612	91.24612	0	-9999	2
1832.98	1836.98	1475.98	130.8287	364.2947	128.1383	124.9286	0	21.06438	78.93562	78.93562	0	-9999	2
1832.985	1836.985	1475.985	133.059	345.8585	131.4895	134.711	0	56.20458	43.79542	43.79542	0	-9999	2
1832.99	1836.99	1475.99	133.0708	313.832	132.4925	124.9522	0	87.50984	12.49016	12.49016	0	-9999	2
1832.995	1836.995	1475.995	129.7785	294.7971	128.0557	127.3358	0	42.31099	57.68901	57.68901	0	-9999	2
1833	1837	1476	123.4772	171.7318	122.5921	120.1141	0	43.08114	56.91886	56.91886	0	-9999	2
1833.005	1837.005	1476.005	124.1144	211.1104	122.9698	123.8902	0	41.40452	58.59548	58.59548	0	-9999	2
1833.01	1837.01	1476.01	123.0642	177.0649	121.7779	119.5595	0	34.43201	65.56799	65.56799	0	-9999	2
1833.015	1837.015	1476.015	121.1053	144.8573	119.5949	118.9105	5.23348	25.32293	69.44359	65.87172	3.571866	-9999	2
1833.02	1837.02	1476.02	119.0049	213.7979	117.0106	115.1108	0	19.81992	80.18008	80.18008	0	-9999	2
1833.025	1837.025	1476.025	117.0342	251.2271	114.4028	113.8954	0	12.02737	87.97263	87.97263	0	-9999	2
1833.03	1837.03	1476.03	119.4651	483.0295	114.8276	112.7389	0	0	100	100	0	-9999	2
1833.035	1837.035	1476.035	113.6122	164.3657	113.5296	116.7628	0	37.74717	62.25283	62.25283	0	-9999	2
1833.04	1837.04	1476.04	121.1171	282.641	121.9549	127.265	0	79.87778	20.12222	20.12222	0	-9999	2
1833.045	1837.045	1476.045	117.0224	456.9766	114.9928	113.0811	0	34.46024	65.53976	65.53976	0	-9999	2
1833.05	1837.05	1476.05	113.7184	370.5468	110.6267	108.9865	0	14.21735	85.78265	85.78265	0	-9999	2
1833.055	1837.055	1476.055	111.3465	358.2375	110.2019	112.5265	0	34.74757	65.25243	65.25243	0	-9999	2
1833.06	1837.06	1476.06	109.6473	331.363	106.827	108.7033	0	14.67063	85.32937	85.32937	0	-9999	2
1833.065	1837.065	1476.065	111.7477	290.5501	109.9777	109.9423	0	23.42763	76.57237	76.57237	0	-9999	2
1833.07	1837.07	1476.07	116.692	248.6372	117.4236	119.4179	0	62.1932	37.8068	37.8068	0	-9999	2
1833.075	1837.075	1476.075	114.4972	258.2312	115.0046	113.9544	0	54.03734	45.96266	45.96266	0	-9999	2
1833.08	1837.08	1476.08	109.3877	199.9847	109.0691	105.293	0	31.00827	68.99173	68.99173	0	-9999	2
1833.085	1837.085	1476.085	106.0364	334.6492	104.231	97.32782	0	23.17099	76.82901	76.82901	0	-9999	2
1833.09	1837.09	1476.09	101.4815	247.8713	98.61405	91.93511	8.874961	8.632789	82.49225	57.78041	24.71184	29.30212	2
1833.095	1837.095	1476.095	103.0863	379.8206	99.23946	97.70543	0	10.94824	89.05176	89.05176	0	-9999	2
1833.1	1837.1	1476.1	97.31602	344.0066	95.21558	94.80257	0	19.17593	80.82407	80.82407	0	-9999	2
1833.105	1837.105	1476.105	100.3723	451.3372	95.43978	93.64615	0	10.57417	89.42583	89.42583	0	-9999	2
1833.11	1837.11	1476.11	102.7677	323.3146	99.54627	94.59017	0	11.34022	88.65978	88.65978	0	-9999	2
1833.115	1837.115	1476.115	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1833.425	1837.425	1476.425	73.21993	53.05262	72.94852	71.6977	61.90233	0	38.09767	7.66166	30.43602	30.44813	2
1833.43	1837.43	1476.43	80.04047	99.19865	80.55968	80.48888	38.33281	6.691252	54.97594	36.00551	18.97043	27.17348	2
1833.435	1837.435	1476.435	77.17301	113.2903	76.642	73.05472	45.69991	4.289931	50.01016	32.96166	17.0485	27.86996	2
1833.44	1837.44	1476.44	78.29403	85.84499	78.06983	72.73612	48.93259	3.39785	47.66956	30.65637	17.01319	29.11565	2
1833.445	1837.445	1476.445	75.03717	54.82104	73.75094	71.46169	67.66737	0	32.33263	7.086216	25.24641	30.00135	2
1833.45	1837.45	1476.45	74.16395	48.44359	73.50313	72.64172	65.16713	0	34.83287	18.95019	15.88268	30.05322	2
1833.455	1837.455	1476.455	73.42053	56.53376	73.21993	73.98694	60.32662	0.249696	39.42368	16.03477	23.38891	29.93849	2
1833.46	1837.46	1476.46	72.92492	70.11022	73.56214	74.58876	51.004	2.547906	46.4481	31.85453	14.59357	28.21306	2
1833.465	1837.465	1476.465	75.22597	67.58987	74.80116	74.30555	57.72763	0.979148	41.29323	20.07694	21.21629	29.60325	2
1833.47	1837.47	1476.47	69.32585	113.7359	67.43781	64.80636	63.32843	0.935594	35.73597	22.03203	13.70395	29.48568	2
1833.475	1837.475	1476.475	68.84204	63.42643	68.79484	68.88924	61.68194	0.026469	38.29159	15.38968	22.90191	29.86176	2
1833.48	1837.48	1476.48	73.46773	63.48213	74.27015	74.49435	50.82828	2.570102	46.60161	25.23146	21.37016	28.51121	2
1833.485	1837.485	1476.485	72.33491	78.8827	74.36455	74.63596	38.63255	5.51408	55.85337	38.97725	16.87612	27.25028	2
1833.49	1837.49	1476.49	72.15791	79.41184	73.80994	74.95456	41.5938	4.776631	53.62957	19.17905	34.45052	27.18908	2
1833.495	1837.495	1476.495	71.41449	51.14495	72.0045	71.48529	57.349	0.76533	41.88568	10.61777	31.26791	29.69012	2
1833.5	1837.5	1476.5	69.45565	35.67475	70.01026	70.70648	63.16927	0	36.83073	12.5006	24.33013	29.56835	2
1833.505	1837.505	1476.505	67.34341	34.1709	68.11042	68.52343	63.83034	0	36.16966	23.73523	12.43444	29.26788	2
1833.51	1837.51	1476.51	66.8478	40.18632	67.48501	68.38183	63.83654	0	36.16346	16.29449	19.86898	29.1714	2
1833.515	1837.515	1476.515	70.16367	51.91081	70.42327	70.83628	60.87507	0	39.12493	17.43419	21.69074	29.98046	2
1833.52	1837.52	1476.52	68.94824	53.13617	70.14006	72.33491	54.47203	1.190818	44.33716	18.56096	25.7762	28.60844	2

1833.525	1837.525	1476.525	70.67108	50.29556	71.29649	72.81872	57.96414	0.571493	41.46437	11.46057	30.0038	29.38852	2
1833.53	1837.53	1476.53	74.03414	76.82187	75.96938	73.39693	38.29959	5.907328	55.79309	26.01329	29.7798	27.86002	2
1833.535	1837.535	1476.535	76.8426	102.8747	79.32065	78.78964	25.20422	10.27801	64.51777	45.98062	18.53715	27.15581	2
1833.54	1837.54	1476.54	81.7043	161.6364	83.41534	85.24438	12.4555	15.03886	72.50564	59.30336	13.20228	26.88832	2
1833.545	1837.545	1476.545	76.9606	187.5918	74.50615	68.86564	42.82101	5.411889	51.7671	33.62317	18.14393	26.47766	2
1833.55	1837.55	1476.55	72.0399	70.73683	72.26411	72.81872	54.86739	1.628145	43.50446	15.11277	28.39169	28.72266	2
1833.555	1837.555	1476.555	70.61207	42.95731	71.13129	71.56789	60.61734	0	39.38266	13.54469	25.83796	30.04068	2
1833.56	1837.56	1476.56	68.47623	31.7898	68.58243	69.52645	68.48567	0	31.51433	19.29192	12.22241	29.08955	2
1833.565	1837.565	1476.565	74.96636	110.1016	73.58574	72.33491	55.08623	2.011393	42.90238	27.4852	15.41718	28.40668	2
1833.57	1837.57	1476.57	77.95183	77.26745	77.43261	77.19661	53.60948	2.068751	44.32177	14.38753	29.93424	28.90357	2
1833.575	1837.575	1476.575	73.85714	75.73575	72.53551	70.43507	63.96599	0	36.03401	18.23904	17.79497	30.27676	2
1833.58	1837.58	1476.58	74.11675	54.70964	73.40873	70.81268	64.05997	0	35.94003	25.55289	10.38714	30.45946	2
1833.585	1837.585	1476.585	82.24711	44.09912	82.40052	83.14393	52.47179	2.861531	44.66668	27.73695	16.92973	29.39478	2
1833.59	1837.59	1476.59	88.63104	95.48079	89.97627	88.90245	24.92757	14.06951	61.00292	42.01684	18.98608	27.41353	2
1833.595	1837.595	1476.595	82.64832	93.30856	82.08191	82.81353	45.77256	4.304685	49.92275	33.39674	16.52601	27.78085	2
1833.6	1837.6	1476.6	70.73008	47.41317	70.60027	71.50889	64.46031	0	35.53969	24.85093	10.68876	29.60264	2
1833.605	1837.605	1476.605	68.05142	60.46049	67.131	65.58517	69.8945	0	30.1055	11.43833	18.66717	29.79358	2
1833.61	1837.61	1476.61	66.50559	35.41019	65.72677	66.02178	76.28142	0	23.71858	15.01873	8.699852	29.22323	2
1833.615	1837.615	1476.615	69.56185	36.13427	69.50285	68.86564	67.71586	0	32.28414	12.70142	19.58272	29.54009	2
1833.62	1837.62	1476.62	72.51191	58.41358	72.77152	68.86564	57.14101	0.973984	41.885	30.30775	11.57726	30.17873	2
1833.625	1837.625	1476.625	69.52645	46.59162	69.44385	67.34341	65.40066	0	34.59934	6.169121	28.43022	29.98944	2
1833.63	1837.63	1476.63	74.44715	70.9457	73.79814	73.58574	59.36961	0.622595	40.00779	26.21683	13.79096	29.70089	2
1833.635	1837.635	1476.635	64.29894	39.03058	64.70015	64.60575	68.29021	0	31.70979	14.51055	17.19924	28.93537	2
1833.64	1837.64	1476.64	63.39033	38.58499	63.37853	63.15432	72.43478	0	27.56522	12.83595	14.72927	28.98119	2
1833.645	1837.645	1476.645	62.48171	37.77736	62.62331	63.75613	72.27728	0	27.72272	22.55292	5.1698	28.6226	2
1833.65	1837.65	1476.65	62.51711	57.89837	63.27232	64.93616	62.61993	0	37.38007	12.04929	25.33078	28.78211	2
1833.655	1837.655	1476.655	62.77671	38.37612	63.05992	61.78549	70.76356	0	29.23644	8.843895	20.39255	29.03741	2
1833.66	1837.66	1476.66	62.68231	56.8401	62.52891	59.26024	69.76584	0	30.23416	12.70466	17.52949	29.76119	2
1833.665	1837.665	1476.665	60.95948	39.40654	61.80909	62.65871	67.79636	0	32.20364	18.53849	13.66515	28.34954	2
1833.67	1837.67	1476.67	67.2254	46.78656	66.41119	64.70015	73.14046	0	26.85954	12.04875	14.81079	29.6591	2
1833.675	1837.675	1476.675	66.64719	44.96244	67.1546	67.44961	63.87124	0	36.12876	14.03034	22.09842	29.3089	2
1833.68	1837.68	1476.68	62.2575	39.79643	62.2929	62.0215	72.81801	0	27.18199	15.54232	11.63968	28.93759	2
1833.685	1837.685	1476.685	65.03056	27.55673	65.30197	65.04236	71.39976	0	28.60024	20.84172	7.758516	28.90114	2
1833.69	1837.69	1476.69	73.43233	49.41831	73.30253	75.17877	61.48899	0	38.51101	12.60124	25.90977	29.95852	2
1833.695	1837.695	1476.695	71.6269	79.64855	70.70648	71.6151	61.96155	0.275533	37.76291	19.91077	17.85214	29.56365	2
1833.7	1837.7	1476.7	71.42629	64.72141	71.56789	73.92794	57.52781	0.939386	41.53281	14.57531	26.9575	28.87696	2
1833.705	1837.705	1476.705	67.39061	71.08494	67.2136	68.72404	62.16986	0.109054	37.72108	20.33491	17.38617	29.4075	2
1833.71	1837.71	1476.71	72.18151	223.1691	69.63265	67.29621	39.33969	7.51285	53.14746	25.90069	27.24677	24.48385	2
1833.715	1837.715	1476.715	63.77973	46.60554	64.71195	65.39637	62.8194	0	37.1806	15.58915	21.59145	28.91256	2
1833.72	1837.72	1476.72	66.17518	73.96733	65.24296	62.48171	68.44344	0	31.55656	5.885931	25.67063	30.16225	2
1833.725	1837.725	1476.725	69.65625	74.70533	69.92766	70.43507	55.73416	1.422121	42.84372	21.46007	21.38365	28.62142	2
1833.73	1837.73	1476.73	71.9455	89.95274	71.8275	71.20209	52.95609	2.327538	44.71637	15.67269	29.04368	28.25043	2
1833.735	1837.735	1476.735	72.31131	90.63504	72.87772	74.76576	47.15023	3.633126	49.21665	27.69575	21.5209	27.18476	2
1833.74	1837.74	1476.74	67.62661	82.85121	68.90104	68.40543	47.85672	2.956822	49.18646	33.41492	15.77153	27.62681	2
1833.745	1837.745	1476.745	63.70893	61.07317	63.44933	63.37853	68.62002	0	31.37998	15.40423	15.97575	29.30349	2
1833.75	1837.75	1476.75	82.61292	273.6875	78.21143	74.50615	31.8753	6.781717	61.34299	27.30962	34.03337	24.70052	2
1833.755	1837.755	1476.755	66.23418	147.6144	66.8596	60.67627	38.49492	6.110588	55.39449	19.48428	35.91021	26.56487	2
1833.76	1837.76	1476.76	64.41695	41.46738	64.65295	65.41997	68.87227	0	31.12773	11.55565	19.57209	28.83797	2
1833.765	1837.765	1476.765	71.9455	44.99029	70.88348	69.51465	71.15316	0	28.84684	6.996714	21.85013	29.67133	2
1833.77	1837.77	1476.77	77.29101	60.92	76.46499	76.27619	60.55126	0.15829	39.29045	27.67459	11.61586	30.30631	2
1833.775	1837.775	1476.775	73.56214	80.26124	73.83354	73.91614	50.79622	2.741666	46.46211	25.36686	21.09525	28.173	2
1833.78	1837.78	1476.78	69.34945	53.95772	70.18727	72.64172	56.64766	0.81184	42.5405	24.89747	17.64303	28.86044	2
1833.785	1837.785	1476.785	64.97156	54.94636	65.00696	65.39637	66.65479	0	33.34521	15.31413	18.03108	29.18788	2
1833.79	1837.79	1476.79	67.62661	56.75656	68.20482	68.19302	59.56729	0.211001	40.22171	23.54673	16.67498	29.60547	2
1833.795	1837.795	1476.795	69.20785	65.82145	70.10466	70.67108	53.44965	1.666189	44.88416	23.5774	21.30676	28.49281	2
1833.8	1837.8	1476.8	65.54977	64.22013	66.21058	66.895	59.03163	0.386458	40.58191	12.81968	27.76223	29.08873	2
1833.805	1837.805	1476.805	60.53467	42.41425	61.23088	61.9507	68.6482	0	31.3518	5.22658	26.12522	28.42184	2
1833.81	1837.81	1476.81	59.55525	45.21309	60.05086	58.87083	70.42663	0	29.57337	20.97232	8.601057	28.82273	2
1833.815	1837.815	1476.815	57.60821	31.81765	57.69081	57.384	78.66042	0	21.33958	19.82194	1.517649	28.88853	2
1833.82	1837.82	1476.82	58.52863	42.70666	58.94163	58.08022	72.61784	0	27.38216	5.222187	22.15998	28.74395	2
1833.825	1837.825	1476.825	59.28384	40.39518	59.39004	59.95646	74.86016	0	25.13984	8.236065	16.90377	28.69141	2
1833.83	1837.83	1476.83	59.50805	53.0387	59.75585	57.50201	70.49674	0	29.50326	17.17136	12.3319	29.23372	2
1833.835	1837.835	1476.835	55.95617	22.40464	55.77917	57.1126	84.47018	0	15.52982	7.143299	8.386524	29.07498	2
1833.84	1837.84	1476.84	58.75283	122.9261	55.76737	53.71413	79.3366	0.197581	20.46582	20.46582	0	32.00829	2
1833.845	1837.845	1476.845	72.25231	442.69	66.71799	57.3722	9.287827	18.1787	72.53348	61.85804	10.67543	22.86385	2
1833.85	1837.85	1476.85	55.79097	122.0907	53.78493	52.3453	74.67319	0.800769	24.52604	21.3453	3.180739	30.42397	2
1833.855	1837.855	1476.855	55.40156	53.37289	54.94135	55.33076	79.68095	0	20.31905	19.40476	0.914296	29.44978	2
1833.86	1837.86	1476.86	59.53165	48.70815	58.88263	58.57583	78.47337	0	21.52663	7.511047	14.01559	29.50888	2
1833.865	1837.865	1476.865	62.77671	83.43604	62.0923	59.90925	67.35811	0	32.64189	24.56208	8.079807	30.09562	2
1833.87	1837.87	1476.87	64.91256	148.8258	62.56431	58.03302	62.46352	2.567067	34.96941	28.1116	6.857809	28.42509	2
1833.875	1837.875	1476.875	59.47265	118.4146	58.25722	60.36946	66.04839	1.320779	32.63084	26.55842	6.072418	28.23367	2
1833.88	1837.88	1476.88	56.98279	72.97868	57.0536	54.98855	69.36628	0	30.63372	17.91038	12.72334	29.47947	2
1833.885	1837.885	1476.885	56.46358	68.4532	56.07418	55.47236	74.50574	0	25.49426	4.29423	21.20003	29.5106	2

1833.89	1837.89	1476.89	58.09202	29.93783	57.4784	56.99459	84.06589	0	15.93411	13.01896	2.91515	29.72757	2
1833.895	1837.895	1476.895	62.3165	45.14346	63.16612	64.05114	65.15956	0	34.84044	15.47104	19.36939	28.60896	2
1833.9	1837.9	1476.9	62.3519	76.59907	62.85932	60.34586	60.16684	0.459562	39.3736	24.88876	14.48484	29.35023	2
1833.905	1837.905	1476.905	59.37824	38.86348	58.80003	56.43998	80.4482	0	19.5518	18.86706	0.684743	29.8537	2
1833.91	1837.91	1476.91	58.22182	34.88105	58.04482	55.40156	79.36649	0	20.63351	14.83884	5.79467	29.55958	2
1833.915	1837.915	1476.915	57.82061	43.90418	58.03302	57.4548	74.53409	0	25.46591	13.95236	11.51355	28.83641	2
1833.92	1837.92	1476.92	57.2778	37.63812	57.51381	58.44602	76.36696	0	23.63304	17.40876	6.224283	28.51794	2
1833.925	1837.925	1476.925	56.61699	39.69896	56.81759	58.24542	76.75054	0	23.24946	3.76683	19.48263	28.4769	2
1833.93	1837.93	1476.93	57.3958	29.56187	57.2896	57.089	80.86496	0	19.13504	13.24529	5.889756	29.09513	2
1833.935	1837.935	1476.935	58.33982	30.50874	57.95041	58.49323	81.96216	0	18.03784	10.2744	7.763442	29.22573	2
1833.94	1837.94	1476.94	63.30772	40.96609	63.04812	64.19274	73.85504	0	26.14496	14.14823	11.99673	28.84794	2
1833.945	1837.945	1476.945	65.10136	77.85228	66.8006	67.42601	48.09742	2.527542	49.37503	26.09433	23.28071	27.43454	2
1833.95	1837.95	1476.95	62.82391	51.36775	63.36673	62.1749	65.56422	0	34.43578	10.97604	23.45975	29.18687	2
1833.955	1837.955	1476.955	70.62387	64.06696	71.13129	71.9455	55.5894	1.298497	43.1121	17.63501	25.47709	28.84421	2
1833.96	1837.96	1476.96	65.07776	86.4159	66.37579	69.34945	49.15611	2.585469	48.25842	14.80356	33.45486	26.87853	2
1833.965	1837.965	1476.965	58.80003	104.5039	59.23664	58.72923	57.2303	1.745	41.0247	22.2026	18.82209	27.58331	2
1833.97	1837.97	1476.97	55.22456	23.81102	55.09476	53.91473	84.43711	0	15.56289	14.21915	1.343741	29.52258	2
1833.975	1837.975	1476.975	61.19548	41.56485	60.49927	59.09504	79.03713	0	20.96287	19.36402	1.59885	29.66918	2
1833.98	1837.98	1476.98	60.02726	70.9457	60.36946	61.54949	64.95396	0	35.04604	23.39925	11.64679	28.89515	2
1833.985	1837.985	1476.985	61.9861	169.9912	59.23664	57.3722	63.14321	3.565137	33.29165	15.41012	17.88153	27.24306	2
1833.99	1837.99	1476.99	58.52863	78.089	56.80579	55.29536	80.6081	0	19.3919	11.21554	8.176356	30.89676	2
1833.995	1837.995	1476.995	56.80579	27.48711	56.60519	55.67297	82.64147	0	17.35853	17.35853	0	29.40162	2
1834	1838	1477	60.68807	68.53675	60.86507	57.66721	66.2093	0	33.7907	22.17612	11.61458	29.73661	2
1834.005	1838.005	1477.005	59.49625	105.6736	60.12166	55.68477	54.8435	2.093578	43.06292	22.35199	20.71093	28.01666	2
1834.01	1838.01	1477.01	56.61699	81.24988	56.77039	55.60217	67.06103	0	32.93897	16.8122	16.12677	29.38987	2
1834.015	1838.015	1477.015	60.44027	56.11603	59.26024	57.66721	79.96007	0	20.03993	17.48259	2.557346	30.18697	2
1834.02	1838.02	1477.02	57.4784	48.34612	57.4194	55.97977	75.87737	0	24.12263	8.817662	15.30497	29.24966	2
1834.025	1838.025	1477.025	57.266	42.41425	57.1126	57.3014	78.23991	0	21.76009	9.697621	12.06247	29.04237	2
1834.03	1838.03	1477.03	58.54043	56.57554	58.38702	59.93285	73.6404	0	26.3596	23.29816	3.061441	28.7979	2
1834.035	1838.035	1477.035	60.68807	69.53931	61.11288	58.16282	64.04619	0	35.95381	19.59452	16.35929	29.67625	2
1834.04	1838.04	1477.04	60.00366	83.74238	58.02122	53.95013	79.8949	0	20.1051	7.265401	12.8397	31.44313	2
1834.045	1838.045	1477.045	60.95948	69.53931	60.61727	60.45207	69.74087	0	30.25913	8.306873	21.95225	29.36475	2
1834.05	1838.05	1477.05	62.1159	39.96352	61.9389	60.54647	74.55398	0	25.44602	22.86604	2.579978	29.25185	2
1834.055	1838.055	1477.055	61.9625	61.36559	62.2339	62.0215	66.04064	0	33.95936	11.36418	22.59518	29.13272	2
1834.06	1838.06	1477.06	61.34888	39.37869	61.46689	61.39609	73.11486	0	26.88514	11.2906	15.59453	28.82415	2
1834.065	1838.065	1477.065	65.12496	84.92597	64.60575	61.00668	63.55683	0.288122	36.15504	19.5523	16.60274	30.10303	2
1834.07	1838.07	1477.07	62.94192	102.4013	61.9625	59.24844	64.90283	0.729992	34.36718	24.85076	9.516423	29.5869	2
1834.075	1838.075	1477.075	63.54373	66.00247	63.11892	62.78851	68.85944	0	31.14056	6.686838	24.45372	29.44599	2
1834.08	1838.08	1477.08	63.18972	60.79468	63.27232	63.75613	66.51298	0	33.48702	23.81397	9.673046	29.11615	2
1834.085	1838.085	1477.085	63.43753	75.17877	63.41393	63.54373	63.62712	0	36.37288	18.19467	18.17821	29.50467	2
1834.09	1838.09	1477.09	63.46113	131.1973	62.1277	62.0923	60.20007	2.3553	37.44463	17.62043	19.8242	27.55628	2
1834.095	1838.095	1477.095	63.74433	107.8737	63.43753	55.22456	57.62754	1.897938	40.47453	27.19862	13.27591	29.3013	2
1834.1	1838.1	1477.1	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1834.425	1838.425	1477.425	82.62472	86.42982	81.3975	82.48312	52.58024	2.027733	45.39203	16.20757	29.18446	28.64677	-9999
1834.43	1838.43	1477.43	86.5306	120.1969	85.82259	86.03499	36.79131	6.929947	56.27875	32.94872	23.33002	27.02047	-9999
1834.435	1838.435	1477.435	84.81957	85.95639	82.88433	81.6689	56.16266	0.395916	43.44142	14.01224	29.42918	29.81858	-9999
1834.44	1838.44	1477.44	84.41836	81.69547	84.13515	83.42714	44.75965	4.9432	50.29715	19.9031	30.39405	28.22134	-9999
1834.445	1838.445	1477.445	82.94333	64.63787	83.25013	83.67494	45.67203	4.977749	49.35022	34.40505	14.94518	28.30214	-9999
1834.45	1838.45	1477.45	81.26769	64.63787	81.27949	80.83108	49.49991	3.491418	47.00868	27.35139	19.65729	28.81695	-9999
1834.455	1838.455	1477.455	77.94003	59.66679	78.24683	78.43564	51.47806	2.735531	45.78641	18.04764	27.73877	28.87664	-9999
1834.46	1838.46	1477.46	76.20539	42.53957	75.86318	76.25259	62.24857	0	37.75143	11.21171	26.53971	30.37763	-9999
1834.465	1838.465	1477.465	76.32339	42.14968	75.37937	73.53853	66.89841	0	33.10159	10.82888	22.27271	30.10241	-9999
1834.47	1838.47	1477.47	78.09343	52.49564	77.65682	77.52702	58.83382	0.614876	40.5513	12.89553	27.65577	30.19883	-9999
1834.475	1838.475	1477.475	79.79266	59.52755	79.48586	79.43866	54.56283	1.85525	43.58192	22.34165	21.24027	29.44867	-9999
1834.48	1838.48	1477.48	81.3739	84.02087	81.27949	80.20567	45.53458	4.553238	49.91218	29.55539	20.35679	28.1724	-9999
1834.485	1838.485	1477.485	81.90491	63.87201	81.5391	79.48586	52.02547	2.638781	45.33575	17.36678	27.96897	29.48952	-9999
1834.49	1838.49	1477.49	79.91067	46.4663	79.02565	76.42959	62.09623	0	37.90377	22.3764	15.52736	30.95806	-9999
1834.495	1838.495	1477.495	80.11127	44.29406	79.48586	77.46802	60.42542	0.136309	39.43827	23.06507	16.3732	31.11983	-9999
1834.5	1838.5	1477.5	76.524	77.22568	75.45017	73.45593	59.23143	0.608954	40.15962	19.86222	20.2974	30.00671	-9999
1834.505	1838.505	1477.505	79.50946	52.78805	80.41808	81.7751	47.0348	4.335903	48.6293	29.0399	19.5894	28.3436	-9999
1834.51	1838.51	1477.51	81.92851	46.68909	82.61292	83.30914	48.0228	4.408253	47.56894	20.49484	27.0741	28.75927	-9999
1834.515	1838.515	1477.515	85.91699	33.2658	84.92577	84.27676	60.588	0	39.412	8.643762	30.76823	31.36957	-9999
1834.52	1838.52	1477.52	83.28553	46.18781	83.75754	84.27676	48.54178	4.37856	47.07966	19.81042	27.26924	28.908	-9999
1834.525	1838.525	1477.525	81.94031	68.70384	83.13213	84.13515	38.75195	7.368185	53.87987	24.78368	29.09619	27.56179	-9999
1834.53	1838.53	1477.53	81.5745	61.0314	83.09673	83.41534	38.38457	7.614553	54.00088	33.89883	20.10205	27.78441	-9999
1834.535	1838.535	1477.535	83.33274	80.53973	83.82835	83.92275	40.00229	6.790775	53.20693	26.53628	26.67065	27.65696	-9999
1834.54	1838.54	1477.54	87.75783	96.53906	87.60442	87.19142	37.08922	7.769352	55.14143	37.99591	17.14551	27.51777	-9999
1834.545	1838.545	1477.545	88.72545	112.3574	88.50124	86.566	32.91969	9.023865	58.05644	28.64819	29.40825	27.46377	-9999
1834.55	1838.55	1477.55	83.99355	93.69845	83.75754	84.61896	41.87995	5.739843	52.38021	32.80101	19.5792	27.4729	-9999
1834.555	1838.555	1477.555	82.09371	43.27757	81.29129	81.14969	60.21934	0.128697	39.65196	9.781566	29.87039	30.87564	4
1834.56	1838.56	1477.56	85.97599	68.30003	85.16177	84.99657	50.68366	2.895041	46.4213	26.88564	19.53565	29.11665	4
1834.565	1838.565	1477.565	77.65682	55.87931	76.7718	74.21115	61.89182	0	38.10818	7.338034	30.77014	30.79519	4
1834.57	1838.57	1477.57	76.8898	98.26571	75.89858	72.38211	53.16304	2.260122	44.57684	26.64367	17.93317	28.94429	4

1834.575	1838.575	1477.575	74.64776	47.45494	73.76274	70.24627	66.69886	0	33.30114	22.93454	10.3666	30.37983	4
1834.58	1838.58	1477.58	85.26798	176.5497	82.09371	81.09069	43.429	3.012992	53.55801	22.977	30.58101	26.70951	4
1834.585	1838.585	1477.585	79.39145	75.29016	78.94305	78.49464	52.21481	2.465506	45.31968	25.19849	20.12119	28.86831	4
1834.59	1838.59	1477.59	76.11099	46.34098	75.68618	74.76576	62.05564	0	37.94436	23.86167	14.08269	30.58881	4
1834.595	1838.595	1477.595	76.9488	60.02883	76.5476	76.5004	57.78949	0.915857	41.29466	28.79803	12.49663	29.78378	4
1834.6	1838.6	1477.6	78.31763	67.61772	77.37361	78.61264	58.90044	0.56341	40.53615	17.09174	23.44441	29.67225	4
1834.605	1838.605	1477.605	79.48586	62.57703	78.83684	79.16725	56.75922	1.156131	42.08464	14.52752	27.55712	29.64974	4
1834.61	1838.61	1477.61	80.05227	107.1217	79.19085	78.23503	47.10444	3.790662	49.1049	29.77927	19.32563	27.80754	4
1834.615	1838.615	1477.615	77.26741	66.99112	76.13459	75.36757	61.48151	0	38.51849	9.247238	29.27125	30.35003	4
1834.62	1838.62	1477.62	85.58658	299.7125	80.37088	75.55638	29.15165	5.824975	65.02337	31.93383	33.08954	24.874	4
1834.625	1838.625	1477.625	74.77756	171.8431	72.35851	67.54401	48.36624	4.331846	47.30192	29.39575	17.90617	26.88485	4
1834.63	1838.63	1477.63	76.37059	136.7115	76.20539	76.5948	37.93521	6.439683	55.62511	29.78634	25.83877	26.16097	4
1834.635	1838.635	1477.635	74.22295	103.6406	74.17575	73.06652	46.99967	3.897119	49.10321	33.02485	16.07836	27.53727	4
1834.64	1838.64	1477.64	74.71856	75.90284	75.49737	72.72432	46.85461	3.766879	49.37851	18.08594	31.29257	28.44617	4
1834.645	1838.645	1477.645	70.77728	51.91081	71.06048	71.9927	60.12764	0.154884	39.71747	14.71199	25.00548	29.81126	4
1834.65	1838.65	1477.65	68.31103	46.63339	68.80664	68.20482	62.02759	0	37.97241	21.11032	16.86209	29.8033	4
1834.655	1838.655	1477.655	71.17849	78.95233	71.50889	72.74792	52.84868	2.151705	44.99962	20.34407	24.65555	28.08993	4
1834.66	1838.66	1477.66	73.64474	152.0563	71.7449	69.42025	50.17296	3.805967	46.02107	32.39885	13.62222	26.95201	4
1834.665	1838.665	1477.665	72.26411	156.0248	71.09588	68.79484	44.81275	5.124437	50.06282	35.59099	14.47183	26.29222	4
1834.67	1838.67	1477.67	75.98118	121.6311	74.51795	72.61812	52.00261	2.766202	45.23119	13.82338	31.40781	27.93847	4
1834.675	1838.675	1477.675	73.62114	50.08669	74.10495	75.39117	56.39805	1.114926	42.48702	22.87179	19.61524	29.33906	4
1834.68	1838.68	1477.68	76.08739	73.67491	77.45622	77.84562	41.56186	5.370092	53.06805	37.58456	15.48349	27.57492	4
1834.685	1838.685	1477.685	72.16971	83.15755	74.62416	75.39117	34.45775	6.540355	59.00189	33.52289	25.479	26.9846	4
1834.69	1838.69	1477.69	71.16669	83.9234	74.87196	77.68042	25.5013	8.506766	65.99194	44.11574	21.8762	26.82725	4
1834.695	1838.695	1477.695	73.90434	121.6311	74.34095	76.01659	39.18955	5.936708	54.87374	24.42945	30.44429	26.14514	4
1834.7	1838.7	1477.7	72.14611	222.0412	67.1782	63.24872	58.39285	4.041681	37.56547	25.17404	12.39143	26.50178	4
1834.705	1838.705	1477.705	65.91558	32.19361	65.40817	62.82391	75.49925	0	24.50075	21.2857	3.215055	29.62542	4
1834.71	1838.71	1477.71	66.56459	24.75789	65.65597	64.66475	79.81096	0	20.18904	6.114049	14.07499	29.52222	4
1834.715	1838.715	1477.715	69.05444	15.5259	68.73584	67.75642	75.18185	0	24.81815	18.82552	5.992632	29.30456	4
1834.72	1838.72	1477.72	69.91586	29.04666	69.92766	68.24023	68.55667	0	31.44333	23.6202	7.823131	29.68174	4
1834.725	1838.725	1477.725	69.38485	41.6484	70.25807	68.78304	59.31959	0.044579	40.63583	17.54024	23.09559	30.28128	4
1834.73	1838.73	1477.73	70.15187	38.64069	70.98968	70.81268	59.61615	0	40.38385	9.34147	31.04238	30.18561	4
1834.735	1838.735	1477.735	70.65928	47.73343	70.67108	70.88348	63.35052	0	36.64948	16.73832	19.91116	29.80936	4
1834.74	1838.74	1477.74	73.06652	46.75871	72.47651	72.53551	66.03578	0	33.96422	15.87971	18.08451	29.75338	4
1834.745	1838.745	1477.745	67.93342	31.6784	67.1074	66.02178	76.23671	0	23.76329	5.471345	18.29194	29.46216	4
1834.75	1838.75	1477.75	71.9809	34.1152	71.6977	70.64748	67.71654	0	32.28346	16.95136	15.33211	29.78725	4
1834.755	1838.755	1477.755	70.73008	44.51686	70.55307	68.27563	65.52703	0	34.47297	16.44014	18.03284	30.09158	4
1834.76	1838.76	1477.76	70.60027	46.87011	69.90406	66.9186	69.10084	0	30.89916	7.789552	23.10961	30.02353	4
1834.765	1838.765	1477.765	70.18727	34.50509	69.75066	67.2018	70.4612	0	29.5388	15.20937	14.32942	29.81761	4
1834.77	1838.77	1477.77	70.98968	29.81251	71.22569	71.22569	65.64583	0	34.35417	18.99207	15.36211	29.66096	4
1834.775	1838.775	1477.775	73.21993	41.10534	73.71554	75.00176	58.8492	0.416395	40.73441	11.91821	28.8162	29.90337	4
1834.78	1838.78	1477.78	70.73008	65.29232	70.78908	73.33793	58.67033	0.690674	40.639	10.81705	29.82195	28.95831	4
1834.785	1838.785	1477.785	71.6151	85.49687	71.7449	72.99572	52.4179	2.365505	45.2166	24.67353	20.54307	27.91057	4
1834.79	1838.79	1477.79	72.20511	42.3307	73.60934	74.44715	52.4445	1.837213	45.71829	22.4082	23.31009	28.98098	4
1834.795	1838.795	1477.795	77.64502	115.0866	78.30583	72.40571	35.59432	7.186083	57.21959	32.7157	24.5039	27.75942	4
1834.8	1838.8	1477.8	66.68259	62.82767	66.06898	62.50531	68.20322	0	31.79678	11.91891	19.87788	30.14538	4
1834.805	1838.805	1477.805	66.9068	50.47657	65.43177	63.59093	77.6619	0	22.3381	20.32225	2.015848	29.9339	4
1834.81	1838.81	1477.81	71.60329	77.04466	70.01026	67.1782	67.82617	0	32.17383	21.17056	11.00327	30.18308	4
1834.815	1838.815	1477.815	73.64474	57.55026	73.07833	71.8629	62.70937	0	37.29063	21.60299	15.68764	30.32715	4
1834.82	1838.82	1477.82	71.50889	46.28528	71.55609	71.29649	62.64497	0	37.35503	22.71112	14.64391	30.04258	4
1834.825	1838.825	1477.825	70.55307	156.0109	68.41723	67.82722	53.88932	3.518625	42.59205	31.75719	10.83487	26.70363	4
1834.83	1838.83	1477.83	77.04321	311.5623	70.26987	67.63841	46.21555	6.356043	47.42841	16.52808	30.90033	23.37041	4
1834.835	1838.835	1477.835	65.88018	106.4255	63.67353	63.17792	70.73677	0	29.26323	6.406135	22.8571	30.37872	4
1834.84	1838.84	1477.84	65.60877	41.71802	65.20756	67.131	72.65353	0	27.34647	19.67452	7.671945	28.808	4
1834.845	1838.845	1477.845	65.79758	48.08155	65.12496	64.14554	73.04325	0	26.95675	15.5208	11.43594	29.47477	4
1834.85	1838.85	1477.85	69.31405	44.73965	69.08984	69.63265	67.14167	0	32.85833	21.02398	11.83436	29.3716	4
1834.855	1838.855	1477.855	68.98364	61.53269	69.46745	69.63265	57.89461	0.700838	41.40455	26.92742	14.47713	29.26209	4
1834.86	1838.86	1477.86	67.99242	67.53418	69.36125	71.55609	50.49528	2.160594	47.34412	17.11049	30.23364	27.74743	4
1834.865	1838.865	1477.865	67.78002	53.92987	68.42903	70.18727	59.5615	0.153236	40.28526	14.57469	25.71057	29.3449	4
1834.87	1838.87	1477.87	69.93946	71.33558	69.49105	70.18727	61.86766	0.171066	37.96128	27.45733	10.50395	29.65418	4
1834.875	1838.875	1477.875	72.55911	126.6718	71.7567	69.91586	48.80976	3.783194	47.40705	31.61708	15.78997	27.21898	4
1834.88	1838.88	1477.88	70.54127	67.06074	69.82146	69.56185	64.45189	0	35.54811	22.12691	13.4212	29.8705	4
1834.885	1838.885	1477.885	67.1192	47.91445	67.2018	69.00724	66.01487	0	33.98513	15.74696	18.23817	29.02471	4
1834.89	1838.89	1477.89	65.80938	55.4198	65.89198	66.8124	65.40362	0	34.59638	20.88879	13.70759	29.18176	4
1834.895	1838.895	1477.895	67.92162	62.31246	68.21663	69.90406	60.1462	0.254558	39.59924	12.38241	27.21683	29.26049	4
1834.9	1838.9	1477.9	66.7652	82.76766	66.03358	64.21634	64.21626	0.094675	35.68906	26.91365	8.775408	30.05974	4
1834.905	1838.905	1477.905	79.85166	205.29	76.819	72.96032	40.35943	5.469072	54.1715	20.72125	33.45025	25.9178	4
1834.91	1838.91	1477.91	70.45867	72.39385	70.96608	71.8511	53.72628	1.819646	44.45407	25.10795	19.34613	28.37283	4
1834.915	1838.915	1477.915	70.45867	71.58623	70.45867	69.90406	57.85416	0.96588	41.17996	19.17621	22.00375	29.23908	4
1834.92	1838.92	1477.92	70.80088	67.58987	71.15489	72.0163	55.76289	1.332527	42.90459	23.3905	19.51409	28.78025	4
1834.925	1838.925	1477.925	68.96004	81.76509	69.00724	68.72404	56.4038	1.422711	42.17349	30.91778	11.2557	28.64226	4
1834.93	1838.93	1477.93	71.24929	102.0671	71.7095	74.62416	46.18379	3.943265	49.87295	17.08831	32.78463	26.5929	4
1834.935	1838.935	1477.935	73.33793	116.6879	74.37635	75.94578	36.24286	6.564683	57.19245	37.33221	19.86024	26.17152	4

1834.94	1838.94	1477.94	71.29649	108.6813	71.8157	72.47651	44.08248	4.499722	51.4178	20.5635	30.8543	26.71496	4
1834.945	1838.945	1477.945	81.5509	238.138	79.54486	74.21115	22.89059	10.10334	67.00608	34.558	32.44808	25.87639	4
1834.95	1838.95	1477.95	76.937	150.9981	73.49133	69.12524	59.38037	1.101706	39.51792	18.91213	20.60579	28.92301	4
1834.955	1838.955	1477.955	70.54127	67.25568	69.58545	68.58243	66.23376	0	33.76624	15.78351	17.98273	29.89533	4
1834.96	1838.96	1477.96	74.34095	52.63488	73.49133	72.73612	65.45322	0	34.54678	24.67329	9.873488	29.96335	4
1834.965	1838.965	1477.965	74.15215	71.7951	74.06955	72.88952	55.04577	1.664217	43.29001	25.00859	18.28142	29.15331	4
1834.97	1838.97	1477.97	73.03112	140.1787	69.37305	66.29319	67.23821	0.25033	32.51146	13.11967	19.39178	30.04968	4
1834.975	1838.975	1477.975	73.83354	154.7995	69.99846	65.25476	64.33353	0.917412	34.74906	11.07309	23.67596	29.49237	4
1834.98	1838.98	1477.98	73.18453	203.4937	69.83326	64.07474	49.39709	4.973709	45.6292	22.63843	22.99077	26.27511	4
1834.985	1838.985	1477.985	71.53249	57.73128	70.28167	67.80362	69.91304	0	30.08696	14.2467	15.84026	29.9496	4
1834.99	1838.99	1477.99	78.68344	131.5176	78.35303	79.12005	38.34463	6.345156	55.31021	30.32562	24.98459	26.33839	4
1834.995	1838.995	1477.995	78.56544	223.6843	74.98996	70.76548	41.29811	5.661475	53.04042	31.75518	21.28523	25.51329	4
1835	1839	1478	69.38485	112.4548	66.8242	64.14554	68.79692	0	31.20308	24.38766	6.81542	30.59486	4
1835.005	1839.005	1478.005	66.70619	41.537	65.36097	63.55553	79.00386	0	20.99614	20.99614	0	29.87732	4
1835.01	1839.01	1478.01	65.80938	37.66597	65.31377	65.10136	74.18119	0	25.81881	7.575936	18.24288	29.2052	4
1835.015	1839.015	1478.015	67.131	49.87782	66.18698	65.85658	73.4852	0	26.5148	10.12408	16.39072	29.44289	4
1835.02	1839.02	1478.02	64.66475	48.23472	64.62935	65.52617	69.10998	0	30.89002	5.123714	25.7663	28.95095	4
1835.025	1839.025	1478.025	63.36673	35.84185	63.08352	62.91832	75.22373	0	24.77627	23.23288	1.543389	29.0659	4
1835.03	1839.03	1478.03	63.47293	29.38085	63.47293	65.14856	74.49474	0	25.50526	15.08996	10.4153	28.55104	4
1835.035	1839.035	1478.035	64.97156	31.31636	64.35795	64.01574	77.4031	0	22.5969	20.75597	1.840923	29.26418	4
1835.04	1839.04	1478.04	70.24627	45.11561	70.06926	70.35247	65.82723	0	34.17277	15.17726	18.99551	29.56073	4
1835.045	1839.045	1478.045	69.30225	31.81765	69.17244	70.06926	69.54803	0	30.45197	23.99404	6.457931	29.12873	4
1835.05	1839.05	1478.05	72.11071	124.1515	70.56487	71.16669	55.59369	2.357162	42.04915	21.12837	20.92078	27.58572	4
1835.055	1839.055	1478.055	78.61264	385.5575	74.25835	70.62387	8.117204	15.09093	76.79186	71.17372	5.618145	24.10677	4
1835.06	1839.06	1478.06	82.28251	263.5782	78.74244	77.14941	27.94972	8.144003	63.90628	33.70575	30.20052	24.53158	4
1835.065	1839.065	1478.065	75.76878	111.8561	75.53278	73.71554	45.05259	4.465293	50.48212	28.8044	21.67772	27.42084	4
1835.07	1839.07	1478.07	76.5476	74.02303	76.7954	73.19633	49.74215	3.127286	47.13057	30.50065	16.62992	29.01088	4
1835.075	1839.075	1478.075	75.80418	73.42427	75.04897	73.86894	58.3444	0.850716	40.80488	22.87963	17.92525	29.73041	4
1835.08	1839.08	1478.08	77.76302	89.74387	77.99903	78.35303	44.91097	4.545804	50.54323	30.94542	19.59781	27.56352	4
1835.085	1839.085	1478.085	77.52702	53.41466	77.14941	76.31159	58.67526	0.663329	40.66141	12.13322	28.52819	30.24411	4
1835.09	1839.09	1478.09	78.75424	34.29622	78.93125	78.73064	57.87463	0.992372	41.13299	14.29978	26.83321	30.42635	4
1835.095	1839.095	1478.095	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1835.42	1839.42	1478.42	77.40901	132.2974	79.29705	73.58574	22.13544	11.14081	66.72375	49.07978	17.64397	27.74267	1
1835.425	1839.425	1478.425	76.5712	77.21175	76.8898	77.39721	48.40005	3.501373	48.09857	29.13479	18.96378	28.04257	1
1835.43	1839.43	1478.43	77.81022	27.30609	77.72762	77.77482	62.44669	0	37.55331	10.46131	27.092	30.80216	1
1835.435	1839.435	1478.435	76.9016	47.97015	76.99601	77.57422	56.91013	1.146105	41.94376	27.63435	14.30941	29.75753	1
1835.44	1839.44	1478.44	75.88678	50.56012	76.6302	75.75698	52.18714	2.380827	45.43203	16.73946	28.69258	29.24067	1
1835.445	1839.445	1478.445	76.07559	39.00273	75.96938	74.69496	61.39487	0	38.60513	12.83381	25.77132	30.86956	1
1835.45	1839.45	1478.45	77.86922	71.48875	76.9134	77.40901	58.46764	0.710687	40.82167	24.59552	16.22616	29.61853	1
1835.455	1839.455	1478.455	76.7128	91.1781	75.24957	75.68618	58.69916	0.805857	40.49499	27.93673	12.55826	29.17944	1
1835.46	1839.46	1478.46	76.40599	39.03058	76.27619	76.32339	61.26706	0	38.73294	6.495967	32.23698	30.67533	1
1835.465	1839.465	1478.465	76.41779	24.77181	76.11099	75.00176	66.0786	0	33.9214	6.630104	27.2913	30.33294	1
1835.47	1839.47	1478.47	75.20237	27.26431	75.22597	75.35577	64.03295	0	35.96705	15.81109	20.15596	30.27131	1
1835.475	1839.475	1478.475	76.22899	22.32109	76.11099	75.55638	65.38214	0	34.61786	12.41618	22.20168	30.36082	1
1835.48	1839.48	1478.48	77.56242	19.24376	77.63322	77.43261	63.43688	0	36.56312	25.01777	11.54536	30.81334	1
1835.485	1839.485	1478.485	78.47104	24.98068	78.70704	78.83684	59.93228	0.408086	39.65963	16.93642	22.72321	30.89421	1
1835.49	1839.49	1478.49	79.20265	39.12805	78.90764	78.88404	59.95087	0.336592	39.71254	28.17418	11.53836	30.69584	1
1835.495	1839.495	1478.495	79.75726	36.52415	79.16725	78.61264	62.35707	0	37.64293	21.67278	15.97016	30.80039	1
1835.5	1839.5	1478.5	79.02565	44.8232	77.98723	78.04623	64.49696	0	35.50304	21.44168	14.06137	30.02495	1
1835.505	1839.505	1478.505	75.65078	29.2973	75.65078	76.04019	63.31134	0	36.68866	9.093117	27.59555	30.34882	1
1835.51	1839.51	1478.51	76.45319	30.00745	77.10221	77.77482	57.3714	0.988531	41.64007	26.27235	15.36772	30.15267	1
1835.515	1839.515	1478.515	75.75698	31.21889	76.5004	77.25561	56.98714	1.030217	41.98264	24.08181	17.90083	30.01954	1
1835.52	1839.52	1478.52	76.4886	28.43398	76.8544	78.05803	59.91446	0.283904	39.80163	15.83198	23.96966	30.52824	1
1835.525	1839.525	1478.525	76.5594	35.78615	76.76	76.8072	59.35042	0.449199	40.20038	13.62637	26.574	30.49567	1
1835.53	1839.53	1478.53	76.7128	28.80994	77.27921	77.58602	58.06253	0.817621	41.11985	19.6503	21.46955	30.37126	1
1835.535	1839.535	1478.535	76.27619	41.4813	76.8544	76.7364	55.30629	1.549785	43.14393	28.1944	14.94953	29.73507	1
1835.54	1839.54	1478.54	75.48557	49.39046	76.6656	76.524	49.45559	3.079593	47.46482	29.95395	17.51086	28.7876	1
1835.545	1839.545	1478.545	75.13157	38.66854	75.48557	75.35577	58.77762	0.533611	40.68877	20.76113	19.92764	30.29596	1
1835.55	1839.55	1478.55	77.71582	31.12142	78.01083	79.00205	58.68376	0.707159	40.60908	29.11059	11.49849	30.35368	1
1835.555	1839.555	1478.555	78.23503	37.02544	78.51824	78.93125	56.86877	1.251965	41.87927	27.76212	14.11715	30.06208	1
1835.56	1839.56	1478.56	79.83986	55.08561	80.05227	79.02565	51.57047	2.856999	45.57253	15.96972	29.60281	29.27889	1
1835.565	1839.565	1478.565	78.56544	50.14239	77.89282	76.7836	60.7981	0.041692	39.16021	14.02738	25.13283	30.8051	1
1835.57	1839.57	1478.57	76.5122	37.48495	76.40599	76.7364	61.36049	0	38.63951	24.57342	14.06609	30.6403	1
1835.575	1839.575	1478.575	77.09041	65.02775	76.45319	75.75698	58.27851	0.789581	40.93191	21.14649	19.78542	29.88413	1
1835.58	1839.58	1478.58	73.05472	29.82643	72.80692	72.35851	67.49215	0	32.50785	12.80864	19.69921	29.77107	2
1835.585	1839.585	1478.585	72.47651	29.4644	72.26411	72.22871	67.83736	0	32.16264	22.16946	9.99318	29.62589	2
1835.59	1839.59	1478.59	72.44111	22.0426	71.9101	71.42629	72.1352	0	27.8648	21.14381	6.720988	29.45828	2
1835.595	1839.595	1478.595	72.79512	25.20348	72.50011	72.42931	69.21555	0	30.78445	15.01406	15.77039	29.56346	2
1835.6	1839.6	1478.6	75.78058	87.87798	74.39995	75.07257	59.71527	0.618481	39.66625	28.62869	11.03756	29.30847	2
1835.605	1839.605	1478.605	76.24079	36.16211	76.06379	76.14639	62.47902	0	37.52098	22.63219	14.88879	30.48745	2
1835.61	1839.61	1478.61	78.70704	180.7549	75.62718	75.62718	47.71578	3.739365	48.54485	33.38977	15.15508	26.10868	2
1835.615	1839.615	1478.615	76.8072	125.8224	74.80116	75.55638	54.43516	2.093596	43.47124	18.39463	25.07661	27.73554	2
1835.62	1839.62	1478.62	74.65956	53.37289	74.03414	73.32613	63.24392	0	36.75608	20.1364	16.61968	30.22156	2

1835.625	1839.625	1478.625	71.06048	47.05113	70.06926	67.44961	70.91994	0	29.08006	6.62589	22.45417	29.89593	2
1835.63	1839.63	1478.63	70.35247	27.06937	70.11646	68.72404	70.55398	0	29.44602	10.62651	18.81951	29.57022	2
1835.635	1839.635	1478.635	72.28771	44.30799	71.7685	70.74188	66.79666	0	33.20334	10.65439	22.54895	29.85273	2
1835.64	1839.64	1478.64	70.48227	30.02138	70.43507	70.18727	68.25694	0	31.74306	23.07874	8.664315	29.47669	2
1835.645	1839.645	1478.645	71.6623	33.07086	72.0163	74.09315	63.32398	0	36.67602	23.53657	13.13945	29.56295	2
1835.65	1839.65	1478.65	75.19057	29.52009	75.11977	76.8072	64.22953	0	35.77047	11.05289	24.71758	29.92376	2
1835.655	1839.655	1478.655	76.8544	56.54769	75.92218	75.11977	62.83411	0	37.16589	18.9623	18.20359	30.28882	2
1835.66	1839.66	1478.66	76.22899	78.22825	75.39117	74.57696	57.43118	1.093852	41.47497	20.7612	20.71377	29.4354	2
1835.665	1839.665	1478.665	75.49737	51.77156	74.78936	74.94276	63.50081	0	36.49919	6.464981	30.03421	30.06397	2
1835.67	1839.67	1478.67	75.50918	47.24607	75.15517	75.11977	61.84157	0	38.15843	13.42462	24.73381	30.40643	2
1835.675	1839.675	1478.675	75.00176	56.29705	75.09617	75.07257	56.64288	1.172778	42.18435	23.81246	18.37188	29.55023	2
1835.68	1839.68	1478.68	74.70676	32.59742	74.74216	73.58574	63.10685	0	36.89315	10.81832	26.07483	30.53014	2
1835.685	1839.685	1478.685	75.82778	58.20471	75.92218	73.44413	55.42129	1.52809	43.05062	15.44962	27.60101	29.82296	2
1835.69	1839.69	1478.69	74.56516	58.13509	74.18755	74.62416	60.25783	0.285751	39.45642	13.7208	25.73562	30.00283	2
1835.695	1839.695	1478.695	73.92794	47.84483	72.99572	72.35851	67.63254	0	32.36746	11.95467	20.41279	29.74077	2
1835.7	1839.7	1478.7	72.86592	44.53078	72.54731	73.49133	64.6561	0	35.3439	24.16829	11.17561	29.71497	2
1835.705	1839.705	1478.705	74.32915	89.11726	73.17273	73.19633	59.01309	0.911207	40.07571	24.45928	15.61642	29.1722	2
1835.71	1839.71	1478.71	75.04897	253.3854	71.14309	68.60603	39.90625	7.361854	52.7319	33.11439	19.61751	24.09924	2
1835.715	1839.715	1478.715	72.20511	97.44416	70.52947	67.82722	62.97598	0.360518	36.6635	9.428361	27.23514	30.03255	2
1835.72	1839.72	1478.72	70.43507	49.54363	70.14006	69.20785	65.49647	0	34.50353	24.16851	10.33502	29.83238	2
1835.725	1839.725	1478.725	75.28497	69.26082	76.09919	76.14639	47.66653	3.582309	48.75116	27.54295	21.20821	28.15374	2
1835.73	1839.73	1478.73	76.4768	117.7323	76.01659	72.61812	44.71677	4.576055	50.70718	20.0367	30.67048	27.60232	2
1835.735	1839.735	1478.735	68.35823	28.22511	68.65323	69.07804	67.99366	0	32.00634	10.22919	21.77716	29.13952	1
1835.74	1839.74	1478.74	67.87442	31.41384	67.29621	66.37579	74.43453	0	25.56547	22.06395	3.501518	29.35796	1
1835.745	1839.745	1478.745	68.33463	31.42776	67.80362	66.22238	73.64196	0	26.35804	11.88805	14.46999	29.48662	1
1835.75	1839.75	1478.75	66.13978	26.0111	65.73857	65.88018	75.96608	0	24.03392	11.12235	12.91157	29.0523	1
1835.755	1839.755	1478.755	70.06926	79.60678	68.97184	67.53221	64.77646	0	35.22354	11.13948	24.08406	30.12734	1
1835.76	1839.76	1478.76	67.48501	36.78872	66.9422	65.46717	73.21771	0	26.78229	10.71818	16.06412	29.4775	1
1835.765	1839.765	1478.765	66.7652	26.40099	66.9422	65.95098	70.8152	0	29.1848	14.48459	14.70021	29.17188	1
1835.77	1839.77	1478.77	68.07502	26.59593	68.09862	69.10164	70.75186	0	29.24814	8.839872	20.40827	28.9325	1
1835.775	1839.775	1478.775	68.28743	32.01259	68.03962	66.8832	71.34901	0	28.65099	19.95081	8.700179	29.39754	1
1835.78	1839.78	1478.78	71.7567	49.54363	71.01328	72.47651	67.75575	0	32.24425	18.74249	13.50176	29.30552	1
1835.785	1839.785	1478.785	73.44413	33.44682	73.56214	73.84534	63.42275	0	36.57725	21.50449	15.07276	30.08427	1
1835.79	1839.79	1478.79	70.70648	40.26986	70.14006	69.80966	69.59442	0	30.40558	11.03489	19.37068	29.48039	1
1835.795	1839.795	1478.795	67.013	38.97488	66.50559	63.17792	72.84855	0	27.15145	9.360064	17.79139	29.81492	1
1835.8	1839.8	1478.8	65.20756	48.40181	64.51135	65.04236	73.69146	0	26.30854	21.68459	4.62395	29.19439	1
1835.805	1839.805	1478.805	68.52343	43.62569	67.93342	69.25505	70.97362	0	29.02638	5.906453	23.11993	29.07006	1
1835.81	1839.81	1478.81	67.33161	31.65055	67.34341	67.68561	70.30404	0	29.69596	8.392794	21.30317	29.04249	1
1835.815	1839.815	1478.815	67.56761	35.84185	67.0956	68.27563	72.82214	0	27.17786	23.01201	4.165844	28.97202	1
1835.82	1839.82	1478.82	66.18698	25.25917	65.67957	65.37277	76.92769	0	23.07231	6.226918	16.8454	29.17892	1
1835.825	1839.825	1478.825	66.62359	27.73775	66.43479	65.41997	73.45699	0	26.54301	8.441083	18.10193	29.22366	1
1835.83	1839.83	1478.83	67.60301	21.76411	67.70921	68.21663	71.71525	0	28.28475	11.60156	16.68319	28.92748	1
1835.835	1839.835	1478.835	68.05142	24.28445	67.82722	67.70921	73.25344	0	26.74656	7.755607	18.99095	29.11897	1
1835.84	1839.84	1478.84	68.21663	21.1932	68.47623	67.94522	70.10001	0	29.89999	8.290395	21.6096	29.18819	1
1835.845	1839.845	1478.845	66.37579	17.60066	66.70619	65.52617	72.11426	0	27.88574	15.52542	12.36031	29.06483	1
1835.85	1839.85	1478.85	66.7888	14.46763	66.64719	66.74159	76.15056	0	23.84944	16.4664	7.383032	28.94887	1
1835.855	1839.855	1478.855	68.01602	23.21226	67.27261	66.67079	77.56936	0	22.43064	10.63713	11.79351	29.32299	1
1835.86	1839.86	1478.86	66.56459	14.52333	66.42299	66.7652	76.34335	0	23.65665	11.91513	11.74152	28.89487	1
1835.865	1839.865	1478.865	67.40241	17.9627	67.1782	67.013	75.3804	0	24.6196	21.85307	2.766533	29.05778	1
1835.87	1839.87	1478.87	67.0484	46.60554	65.78578	64.55855	76.82228	0	23.17772	8.6528	14.52492	29.69764	1
1835.875	1839.875	1478.875	68.64143	21.91728	68.27563	67.42601	74.38091	0	25.61909	12.65752	12.96157	29.28603	1
1835.88	1839.88	1478.88	70.50587	45.07384	70.32887	69.70346	65.59851	0	34.40149	20.14226	14.25923	29.75599	1
1835.885	1839.885	1478.885	67.95702	30.89863	68.33463	67.47321	67.07561	0	32.92439	22.67071	10.25368	29.38395	1
1835.89	1839.89	1478.89	73.66834	34.26837	74.04595	73.19633	61.00572	0	38.99428	11.45135	27.54293	30.64686	1
1835.895	1839.895	1478.895	69.10164	29.61757	69.18425	68.65323	68.61887	0	31.38113	22.46434	8.916788	29.38155	1
1835.9	1839.9	1478.9	68.41723	31.56701	68.60603	67.75642	67.9537	0	32.0463	14.43808	17.60822	29.40842	1
1835.905	1839.905	1478.905	68.00422	24.68827	68.65323	68.93644	66.4317	0	33.5683	14.68253	18.88577	29.151	1
1835.91	1839.91	1478.91	69.33765	25.78831	69.49105	69.63265	68.77972	0	31.22028	7.599262	23.62102	29.25111	1
1835.915	1839.915	1478.915	71.8039	48.74993	71.43809	71.7803	64.97794	0	35.02206	15.70653	19.31553	29.72077	1
1835.92	1839.92	1478.92	69.72706	34.50509	69.86866	70.04566	66.40345	0	33.59655	14.67051	18.92604	29.44351	1
1835.925	1839.925	1478.925	69.20785	33.23795	69.34945	69.34945	67.18777	0	32.81223	22.63429	10.17793	29.37527	1
1835.93	1839.93	1478.93	69.52645	36.00894	69.34945	70.64748	68.69328	0	31.30672	19.11235	12.19437	29.11899	1
1835.935	1839.935	1478.935	72.86592	23.28189	72.66532	72.32311	68.88382	0	31.11618	5.344574	25.77161	29.64706	1
1835.94	1839.94	1478.94	73.12553	35.21524	73.29073	74.11675	62.9221	0	37.0779	19.25629	17.82161	30.00039	1
1835.945	1839.945	1478.945	74.56516	31.27459	74.50615	76.11099	64.28887	0	35.71113	13.17593	22.5352	29.85313	1
1835.95	1839.95	1478.95	71.02508	34.04558	70.56487	70.11646	69.98452	0	30.01548	20.38545	9.630035	29.47966	1
1835.955	1839.955	1478.955	75.59178	36.03679	75.78058	75.29677	60.27143	0.157198	39.57137	21.82647	17.7449	30.69956	1
1835.96	1839.96	1478.96	72.88952	39.42046	72.94852	72.19331	62.94463	0	37.05537	16.67848	20.37689	30.24215	1
1835.965	1839.965	1478.965	71.8275	43.05478	72.38211	69.58545	59.20121	0.269431	40.52936	14.89033	25.63903	30.58987	1
1835.97	1839.97	1478.97	71.14309	39.71288	71.36729	69.23145	63.20026	0	36.79974	11.77678	25.02297	30.2845	1
1835.975	1839.975	1478.975	74.44715	29.74289	74.30555	74.50615	65.40826	0	34.59174	20.99828	13.59346	29.97286	1
1835.98	1839.98	1478.98	72.70072	36.73302	72.66532	72.12251	64.5003	0	35.4997	16.89129	18.60841	30.01946	1
1835.985	1839.985	1478.985	71.24929	42.40032	70.93068	69.88046	66.65898	0	33.34102	13.37869	19.96233	29.80608	1

1835.99	1839.99	1478.99	72.46471	23.08694	72.09891	71.9927	70.58043	0	29.41957	24.36927	5.050293	29.46325	1
1835.995	1839.995	1478.995	72.37031	32.73667	72.54731	72.13431	64.12526	0	35.87474	20.42517	15.44957	30.01739	1
1836	1840	1479	73.97514	47.02328	73.58574	73.05472	63.58115	0	36.41885	21.54023	14.87862	30.16112	1
1836.005	1840.005	1479.005	72.96032	44.85105	72.35851	71.8865	66.6866	0	33.3134	13.99082	19.32259	29.78308	1
1836.01	1840.01	1479.01	72.94852	51.04748	72.28771	71.36729	65.65517	0	34.34483	15.72604	18.61878	29.94171	1
1836.015	1840.015	1479.015	74.02234	55.48942	72.86592	71.6387	67.43329	0	32.56671	7.324533	25.24218	29.82761	1
1836.02	1840.02	1479.02	73.52673	29.86821	73.40873	71.53249	66.04182	0	33.95818	7.394056	26.56413	30.20737	1
1836.025	1840.025	1479.025	74.55336	54.75142	73.51493	71.9455	66.20884	0	33.79116	5.436168	28.355	30.0076	1
1836.03	1840.03	1479.03	75.68618	40.89647	75.20237	74.49435	64.2213	0	35.7787	6.198858	29.57984	30.25246	1
1836.035	1840.035	1479.035	76.14639	29.88213	75.50918	74.96636	67.65225	0	32.34775	22.12271	10.22504	29.91867	1
1836.04	1840.04	1479.04	77.68042	49.97529	77.14941	75.57998	60.55533	0.135464	39.30921	12.58507	26.72414	30.78764	1
1836.045	1840.045	1479.045	77.76302	48.06762	77.19661	76.08739	61.21535	0	38.78465	22.56794	16.21672	30.8002	1
1836.05	1840.05	1479.05	75.30857	69.81781	74.48255	72.29951	60.22184	0.377062	39.4011	22.14228	17.25882	30.2743	1
1836.055	1840.055	1479.055	77.60962	59.59717	76.9134	74.76576	59.5723	0.411842	40.01586	21.26708	18.74878	30.51695	1
1836.06	1840.06	1479.06	77.31461	128.0225	76.16999	75.94578	46.75994	4.027916	49.21214	18.21976	30.99239	27.02659	4
1836.065	1840.065	1479.065	95.16838	198.4948	91.5103	86.20019	32.75944	1.733092	65.50747	37.52007	27.9874	27.84221	4
1836.07	1840.07	1479.07	103.5348	199.5252	103.0509	106.8506	0.212458	23.18891	76.59863	76.59863	0	-9999	4
1836.075	1840.075	1479.075	100.9859	303.0822	98.48425	92.58413	0	14.651	85.349	85.349	0	-9999	4
1836.08	1840.08	1479.08	91.2271	172.4141	86.566	84.07615	50.47036	0	49.52964	16.71335	32.81629	24.56431	4
1836.085	1840.085	1479.085	85.23257	77.71304	84.39476	83.86375	49.27256	3.227375	47.50007	22.70925	24.79081	28.79483	4
1836.09	1840.09	1479.09	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1836.42	1840.42	1479.42	89.03225	34.49117	88.27704	87.09701	55.59639	1.873936	42.52968	15.42877	27.10091	30.71438	4
1836.425	1840.425	1479.425	87.51002	34.1709	86.96721	87.94663	55.42821	2.049447	42.52234	18.26026	24.26209	30.20547	4
1836.43	1840.43	1479.43	81.7515	36.07857	81.86951	82.29431	55.14308	2.029659	42.82726	29.38242	13.44483	29.95123	4
1836.435	1840.435	1479.435	80.42988	33.75316	80.08767	79.23805	60.48835	0.215264	39.29638	8.667925	30.62846	31.11123	4
1836.44	1840.44	1479.44	79.49766	32.30501	79.99327	80.27647	55.20336	1.902692	42.89394	18.0657	24.82825	29.95496	4
1836.445	1840.445	1479.445	77.73942	50.99178	78.96665	78.81324	46.62873	4.223851	49.14742	16.7255	32.42193	28.53949	4
1836.45	1840.45	1479.45	75.76878	54.12481	76.7954	78.19963	49.2382	3.180844	47.58095	28.68848	18.89247	28.38567	4
1836.455	1840.455	1479.455	74.88376	56.11603	75.47377	74.76576	52.95427	2.10726	44.93847	27.45459	17.48389	29.1399	4
1836.46	1840.46	1479.46	76.8544	54.44508	78.10523	77.43261	46.42434	4.13058	49.44508	25.05543	24.38965	28.52074	4
1836.465	1840.465	1479.465	75.17877	44.55863	75.81598	75.55638	55.11394	1.516886	43.36917	24.91034	18.45883	29.61068	4
1836.47	1840.47	1479.47	76.31159	68.59244	77.04321	78.40023	47.52395	3.72208	48.75397	15.4259	33.32807	27.94986	4
1836.475	1840.475	1479.475	76.15819	68.56459	77.19661	76.8544	45.29407	4.329224	50.37671	17.56947	32.80723	28.05801	4
1836.48	1840.48	1479.48	77.16121	70.97355	77.86922	70.16367	46.34898	4.137375	49.51365	33.01811	16.49554	29.5018	4
1836.485	1840.485	1479.485	77.51522	54.83497	77.63322	80.07587	54.50142	1.846067	43.65251	29.64623	14.00628	28.92893	4
1836.49	1840.49	1479.49	78.63624	60.82253	78.44744	78.44744	54.39884	1.887551	43.71361	17.11074	26.60287	29.30835	4
1836.495	1840.495	1479.495	79.69826	78.84093	79.35605	78.69524	50.2502	3.045435	46.70437	28.15939	18.54498	28.59068	4
1836.5	1840.5	1479.5	78.23503	42.70666	79.56846	79.59206	47.3547	4.144721	48.50058	28.17588	20.3247	28.74819	4
1836.505	1840.505	1479.505	78.25863	81.24988	80.39448	81.4565	31.7868	8.767682	59.44552	29.81387	29.63165	27.07623	4
1836.51	1840.51	1479.51	80.53608	83.7563	81.95211	80.01687	34.66356	8.272668	57.06378	40.9062	16.15757	27.65419	4
1836.515	1840.515	1479.515	77.22021	54.25013	79.72186	78.04623	36.44108	7.270162	56.28876	36.73272	19.55604	28.11899	4
1836.52	1840.52	1479.52	77.25561	67.04682	79.79266	75.60358	33.03735	8.242226	58.72042	29.63068	29.08974	28.293	4
1836.525	1840.525	1479.525	76.22899	60.02883	75.29677	69.90406	62.56705	0	37.43295	16.80099	20.63196	31.12618	4
1836.53	1840.53	1479.53	74.98996	61.69978	73.16093	70.96608	70.25293	0	29.74707	17.55218	12.19489	29.68926	4
1836.535	1840.535	1479.535	80.53608	321.212	73.12553	66.50559	45.60528	4.583149	49.81158	24.27361	25.53796	24.37675	4
1836.54	1840.54	1479.54	76.7128	131.1834	73.51493	68.86564	62.4613	0.222638	37.31606	18.08186	19.2342	29.93033	4
1836.545	1840.545	1479.545	74.78936	116.312	71.9573	67.99242	64.99475	0	35.00525	6.979631	28.02562	30.29021	4
1836.55	1840.55	1479.55	70.95428	85.00951	69.00724	66.02178	69.23932	0	30.76068	22.1169	8.643782	30.22223	4
1836.555	1840.555	1479.555	69.34945	29.21375	68.58243	68.09862	75.07315	0	24.92685	17.19241	7.734436	29.32023	4
1836.56	1840.56	1479.56	67.87442	7.226853	68.14582	68.40543	73.70324	0	26.29676	17.07376	9.222992	28.86313	4
1836.565	1840.565	1479.565	72.13431	34.88105	71.59149	68.31103	69.40201	0	30.59799	19.63716	10.96083	30.081	4
1836.57	1840.57	1479.57	76.4768	59.83389	76.7128	70.50587	53.33251	2.122756	44.54473	12.89475	31.64998	30.20693	4
1836.575	1840.575	1479.575	74.29375	47.3157	72.94852	69.84506	70.62487	0	29.37513	17.73553	11.63961	29.94806	4
1836.58	1840.58	1479.58	73.99874	39.00273	73.06652	71.7803	69.70719	0	30.29281	10.45486	19.83795	29.72569	4
1836.585	1840.585	1479.585	71.39089	29.9796	70.41147	70.11646	74.65582	0	25.34418	19.40935	5.934825	29.32895	4
1836.59	1840.59	1479.59	69.51465	29.04666	68.75944	68.60603	74.87015	0	25.12985	11.78542	13.34443	29.25981	4
1836.595	1840.595	1479.595	72.53551	72.57487	70.48227	68.79484	71.61684	0	28.38316	18.00936	10.3738	29.72819	4
1836.6	1840.6	1479.6	72.0281	57.77305	70.41147	67.131	72.28197	0	27.71803	19.83756	7.880469	29.99348	4
1836.605	1840.605	1479.605	70.14006	48.37396	69.52645	67.33161	68.52014	0	31.47986	9.033657	22.4462	29.87449	4
1836.61	1840.61	1479.61	72.27591	40.13062	71.7803	69.56185	67.63553	0	32.36447	9.674371	22.6901	30.00385	4
1836.615	1840.615	1479.615	68.97184	30.29987	68.42903	66.9894	73.42012	0	26.57988	4.453699	22.12618	29.4713	4
1836.62	1840.62	1479.62	69.69166	62.59095	67.79182	65.84478	75.46042	0	24.53958	21.5681	2.97148	29.90686	4
1836.625	1840.625	1479.625	75.06077	59.54147	74.78936	74.69496	58.63845	0.694677	40.66687	14.10444	26.56243	29.81232	4
1836.63	1840.63	1479.63	70.80088	47.56634	69.03084	67.0602	77.06992	0	22.93008	4.329055	18.60102	29.76251	4
1836.635	1840.635	1479.635	67.86262	60.93393	67.35521	66.37579	66.75281	0	33.24719	10.09393	23.15325	29.70935	4
1836.64	1840.64	1479.64	70.70648	178.3459	70.43507	69.49105	33.89372	7.799214	58.30706	23.52617	34.78089	25.09246	4
1836.645	1840.645	1479.645	63.08352	152.2652	60.65267	55.40156	63.95407	2.674822	33.37111	13.75573	19.61537	28.55586	4
1836.65	1840.65	1479.65	65.79758	79.66248	64.27534	64.12194	71.9852	0	28.0148	20.03541	7.979383	29.82845	4
1836.655	1840.655	1479.655	66.02178	49.43223	64.84176	64.46415	76.44255	0	23.55745	22.07939	1.478065	29.54932	4
1836.66	1840.66	1479.66	66.17518	49.68287	65.67957	66.11618	70.93655	0	29.06345	6.414515	22.64893	29.18345	4
1836.665	1840.665	1479.665	64.29894	45.58905	64.08654	64.49955	71.45855	0	28.54145	20.457	8.084449	29.00769	4
1836.67	1840.67	1479.67	60.39306	29.39477	60.36946	59.49625	77.50775	0	22.49225	9.570391	12.92186	28.99992	4
1836.675	1840.675	1479.675	62.75311	61.37952	62.69411	67.1782	67.87055	0	32.12945	8.641208	23.48824	28.35106	4

1836.68	1840.68	1479.68	59.27204	43.87633	58.62303	55.97977	79.8815	0	20.1185	14.09598	6.022515	29.94387	4
1836.685	1840.685	1479.685	60.84147	36.84442	59.90925	57.71441	82.33419	0	17.66581	4.701596	12.96421	30.08058	4
1836.69	1840.69	1479.69	62.81211	46.68909	61.39609	58.50503	81.88832	0	18.11168	13.377	4.734678	30.45165	4
1836.695	1840.695	1479.695	63.37853	80.23339	62.0923	62.0923	72.24353	0	27.75647	14.85049	12.90597	29.81604	4
1836.7	1840.7	1479.7	62.52891	56.39452	61.30168	61.20728	78.33693	0	21.66307	15.17278	6.49029	29.74989	4
1836.705	1840.705	1479.705	64.66475	65.75183	63.73253	62.77671	71.82118	0	28.17882	9.873224	18.30559	29.68743	4
1836.71	1840.71	1479.71	65.39637	47.73343	65.34917	64.82996	68.64966	0	31.35034	23.08144	8.268899	29.24651	4
1836.715	1840.715	1479.715	66.00998	71.43306	66.02178	65.46717	61.89257	0.145821	37.96161	23.67753	14.28408	29.61505	4
1836.72	1840.72	1479.72	67.0248	67.72912	67.1074	68.31103	61.30657	0.161787	38.53164	21.28346	17.24818	29.34404	4
1836.725	1840.725	1479.725	65.89198	69.90135	64.40515	62.83571	73.98619	0	26.01381	19.9092	6.104605	29.99594	4
1836.73	1840.73	1479.73	68.13402	62.6745	67.24901	66.02178	69.00836	0	30.99164	22.74305	8.248585	29.74178	4
1836.735	1840.735	1479.735	65.91558	53.05262	65.41997	64.07474	70.35991	0	29.64009	23.89801	5.742078	29.54084	4
1836.74	1840.74	1479.74	62.70591	63.73277	61.70289	61.32528	74.66064	0	25.33936	19.44904	5.890322	29.64552	4
1836.745	1840.745	1479.745	63.80333	67.36708	63.15432	64.21634	70.02795	0	29.97205	20.04666	9.925388	29.24434	4
1836.75	1840.75	1479.75	66.74159	99.75564	65.39637	66.64719	64.88238	0.486004	34.63161	18.38263	16.24899	29.17939	4
1836.755	1840.755	1479.755	66.09258	133.8291	65.70317	67.88622	49.8261	3.874405	46.29949	27.28178	19.01771	25.94174	4
1836.76	1840.76	1479.76	64.82996	83.93732	64.55855	65.25476	62.147	0.469141	37.38386	9.214762	28.1691	29.03665	4
1836.765	1840.765	1479.765	65.71497	144.4117	63.42573	62.87112	62.33625	2.35492	35.30883	12.46782	22.84102	27.82434	4
1836.77	1840.77	1479.77	61.84449	125.5161	62.2457	67.88622	49.61881	3.569227	46.81197	29.75559	17.05637	25.21842	4
1836.775	1840.775	1479.775	61.71469	71.22419	61.37248	61.08928	68.63833	0	31.36167	14.66251	16.69916	29.40565	4
1836.78	1840.78	1479.78	60.99488	61.61623	60.77067	59.18944	70.71117	0	29.28883	6.588278	22.70055	29.45331	4
1836.785	1840.785	1479.785	63.24872	48.91702	61.87989	58.94163	80.58167	0	19.41833	19.41833	0	30.3557	4
1836.79	1840.79	1479.79	61.40789	56.57554	58.57583	57.57281	91.76192	0	8.238083	8.238083	0	32.12611	4
1836.795	1840.795	1479.795	61.9507	80.44225	59.15404	57.50201	85.21243	0	14.78757	14.78757	0	31.63898	4
1836.8	1840.8	1479.8	67.72102	86.45767	67.37881	67.42601	59.42601	0.980687	39.5933	14.23064	25.36265	28.82968	4
1836.805	1840.805	1479.805	60.06266	79.09157	59.09504	59.35464	73.10125	0	26.89875	5.346591	21.55216	29.70964	4
1836.81	1840.81	1479.81	66.72979	30.24417	66.9894	66.50559	69.27756	0	30.72244	6.608422	24.11402	29.11461	4
1836.815	1840.815	1479.815	68.02782	39.23945	67.1664	66.11618	74.59445	0	25.40555	18.21338	7.192174	29.47503	4
1836.82	1840.82	1479.82	72.57091	49.48793	72.12251	71.7095	64.73385	0	35.26615	20.07936	15.18679	29.91684	4
1836.825	1840.825	1479.825	71.7095	40.36734	71.29649	70.18727	67.45918	0	32.54082	11.01194	21.52888	29.7801	4
1836.83	1840.83	1479.83	72.40571	54.80712	70.94248	69.06624	71.46346	0	28.53654	18.3116	10.22494	29.73388	4
1836.835	1840.835	1479.835	71.41449	63.42643	69.20785	67.2018	76.05097	0	23.94903	16.80729	7.141732	29.81125	4
1836.84	1840.84	1479.84	69.12524	68.46712	67.27261	65.32557	74.19368	0	25.80632	17.65509	8.151231	29.96596	4
1836.845	1840.845	1479.845	72.0871	37.98623	71.33189	70.63567	70.34012	0	29.65988	23.7547	5.905182	29.54915	4
1836.85	1840.85	1479.85	69.50285	37.90269	68.49983	67.34341	74.65834	0	25.34166	14.80919	10.53248	29.51203	4
1836.855	1840.855	1479.855	76.6184	118.1082	74.71856	72.19331	55.65264	1.761687	42.58568	29.0064	13.57927	28.65313	4
1836.86	1840.86	1479.86	77.07861	64.24798	76.583	73.30253	57.38065	1.032426	41.58692	27.10462	14.4823	30.21536	4
1836.865	1840.865	1479.865	76.01659	58.46928	74.83656	71.55609	65.06036	0	34.93964	15.59221	19.34742	30.39178	4
1836.87	1840.87	1479.87	76.34699	80.79037	75.10797	71.41449	59.81195	0.494128	39.69393	19.06571	20.62822	30.3134	4
1836.875	1840.875	1479.875	71.7213	83.31072	69.21965	66.7652	73.24301	0	26.75699	6.776356	19.98063	29.97536	4
1836.88	1840.88	1479.88	80.19387	249.3473	72.12251	68.38183	68.43267	0	31.56733	23.13695	8.430373	27.14234	4
1836.885	1840.885	1479.885	77.49162	222.1109	69.70346	67.27261	75.31513	0	24.68487	4.922145	19.76273	28.60809	4
1836.89	1840.89	1479.89	72.29951	65.97462	69.78606	67.35521	76.99784	0	23.00216	18.95803	4.044128	29.82433	4
1836.895	1840.895	1479.895	68.26383	38.00016	66.50559	64.98336	81.62757	0	18.37243	8.761368	9.61106	29.93653	1
1836.9	1840.9	1479.9	73.91614	31.34421	73.38513	71.6151	68.52718	0	31.47282	10.08799	21.38483	29.95197	1
1836.905	1840.905	1479.905	70.82448	30.73153	69.07804	67.34341	80.93933	0	19.06067	9.762367	9.298306	29.74379	1
1836.91	1840.91	1479.91	69.16064	18.03232	68.58243	68.38183	76.48953	0	23.51047	13.67168	9.838791	29.19446	1
1836.915	1840.915	1479.915	69.00724	23.43506	68.58243	67.82722	74.13432	0	25.86568	6.254109	19.61157	29.29154	1
1836.92	1840.92	1479.92	72.24051	29.31122	72.47651	71.48529	64.61638	0	35.38362	6.987867	28.39575	30.06117	1
1836.925	1840.925	1479.925	69.19605	23.32366	69.07804	69.27865	71.60983	0	28.39017	15.73992	12.65025	29.13126	1
1836.93	1840.93	1479.93	71.19029	29.22768	71.22569	69.63265	67.15748	0	32.84252	15.16237	17.68015	29.84335	1
1836.935	1840.935	1479.935	70.41147	30.68976	71.02508	71.8865	63.03903	0	36.96097	25.09673	11.86424	29.63766	1
1836.94	1840.94	1479.94	67.66201	30.10493	67.34341	65.80938	72.93476	0	27.06524	10.69373	16.37152	29.4026	1
1836.945	1840.945	1479.945	66.35219	23.00339	65.56157	65.11316	79.51644	0	20.48356	6.222074	14.26148	29.34446	1
1836.95	1840.95	1479.95	68.37003	45.74222	68.90104	67.35521	61.91462	0	38.08538	21.39005	16.69533	29.96658	1
1836.955	1840.955	1479.955	71.9927	52.43994	71.8511	70.45867	62.17367	0	37.82633	7.291377	30.53495	30.32148	1
1836.96	1840.96	1479.96	66.71799	46.38275	64.75915	64.07474	82.57583	0	17.42417	14.11857	3.305601	30.06165	1
1836.965	1840.965	1479.965	66.06898	55.51727	65.88018	65.88018	67.24459	0	32.75541	7.543536	25.21188	29.3279	1
1836.97	1840.97	1479.97	67.36701	51.9665	65.04236	64.14554	83.46248	0	16.53752	16.53752	0	30.25888	1
1836.975	1840.975	1479.975	65.18396	48.76385	63.75613	62.76491	79.29558	0	20.70442	18.08707	2.617348	29.86584	1
1836.98	1840.98	1479.98	74.94276	68.10508	73.79814	72.40571	63.44206	0	36.55794	12.90213	23.65581	30.19109	1
1836.985	1840.985	1479.985	82.96693	19.24376	83.07313	83.23833	58.19037	1.334646	40.47498	21.45334	19.02165	30.8575	1
1836.99	1840.99	1479.99	85.19717	43.45859	84.92577	82.43592	53.20501	2.695018	44.09997	25.86562	18.23434	30.21915	1
1836.995	1840.995	1479.995	85.90519	34.78358	85.84619	83.50974	53.00686	3.098389	43.89475	13.25593	30.63883	30.31384	1
1837	1841	1480	82.44772	22.00082	82.40052	82.18811	59.18971	0.879693	39.9306	10.63762	29.29298	31.0476	1
1837.005	1841.005	1480.005	80.28827	54.52863	80.92549	80.86649	48.00046	4.08452	47.91502	25.77198	22.14304	28.68253	1
1837.01	1841.01	1480.01	74.30555	50.61582	75.07257	74.48255	53.44549	1.9011	44.65341	19.43717	25.21623	29.26635	1
1837.015	1841.015	1480.015	83.23833	77.01681	82.17631	79.12005	53.01333	1.982716	45.00395	17.68428	27.31967	29.65438	1
1837.02	1841.02	1480.02	84.60716	96.87325	81.06709	82.66012	66.15365	0	33.84635	23.14206	10.70429	26.51401	1
1837.025	1841.025	1480.025	83.43894	59.63894	81.91671	82.30611	60.60085	0	39.39915	15.10198	24.29717	30.05511	1
1837.03	1841.03	1480.03	83.62774	62.24284	81.6807	81.7515	63.08927	0	36.91073	8.735495	28.17523	29.26991	1
1837.035	1841.035	1480.035	82.60112	68.18863	82.41232	82.12911	48.96855	3.65253	47.37892	29.73209	17.64683	28.70457	1
1837.04	1841.04	1480.04	85.64558	80.76252	85.69278	83.88735	41.29573	6.441967	52.26231	30.70145	21.56086	28.16146	1

1837.045	1841.045	1480.045	82.63652	73.80023	81.6925	80.48888	53.43089	1.944673	44.62443	21.16583	23.4586	29.38813	1
1837.05	1841.05	1480.05	86.2238	55.43372	85.14997	82.30611	55.58127	1.257778	43.16095	18.21879	24.94216	30.56873	1
1837.055	1841.055	1480.055	85.19717	98.5442	82.73092	80.27647	56.88435	0	43.11565	19.58064	23.53501	29.63295	1
1837.06	1841.06	1480.06	85.56298	136.6279	82.37692	78.01083	52.91011	0.271526	46.81836	21.38207	25.4363	29.10162	1
1837.065	1841.065	1480.065	86.212	114.46	83.96995	81.97571	50.36151	1.562009	48.07649	14.35295	33.72353	28.72209	1
1837.07	1841.07	1480.07	93.72875	127.4795	93.72875	87.76963	22.91952	13.83773	63.24275	39.85327	23.38949	28.11339	1
1837.075	1841.075	1480.075	89.95267	119.3893	88.32424	87.74603	40.97169	4.568474	54.45983	19.08134	35.37849	27.67538	1
1837.08	1841.08	1480.08	88.67825	110.6029	86.87281	88.12363	45.64225	3.068735	51.28901	17.11167	34.17734	27.80959	1
1837.085	1841.085	1480.085	91.4277	61.9365	90.92029	89.04405	44.83031	5.752101	49.41759	24.91711	24.50048	28.99588	1
1837.09	1841.09	1480.09	89.96447	56.8958	89.52786	88.11183	46.84762	5.021806	48.13057	18.56971	29.56086	29.15234	1
1837.095	1841.095	1480.095	95.09758	97.65303	94.80257	92.74933	31.16449	11.20062	57.63489	41.41017	16.22472	27.73495	1
1837.1	1841.1	1480.1	87.80503	58.92879	86.17659	85.70458	57.57897	0.028224	42.39281	16.02367	26.36914	30.56743	1
1837.105	1841.105	1480.105	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1837.415	1841.415	1480.415	92.14752	17.51711	91.4985	90.43648	56.015	2.471717	41.51329	28.80803	12.70525	31.09623	1
1837.42	1841.42	1480.42	91.94691	14.28661	91.93511	91.79351	52.04293	5.015534	42.94153	15.33309	27.60845	30.17681	1
1837.425	1841.425	1480.425	92.77293	17.54496	92.59593	92.59593	51.7748	4.963211	43.26199	17.58927	25.67271	30.10432	1
1837.43	1841.43	1480.43	91.56931	22.64135	91.3805	91.2389	51.74026	4.567	43.69274	13.66288	30.02986	30.04642	1
1837.435	1841.435	1480.435	90.02347	16.12465	90.12968	90.48368	52.45317	4.52389	43.02294	31.11336	11.90958	30.08702	1
1837.44	1841.44	1480.44	91.0737	13.91065	90.82589	90.69609	54.76631	3.453061	41.78063	20.24322	21.53741	30.65764	1
1837.445	1841.445	1480.445	90.86129	16.87658	91.1327	90.89669	50.22009	5.783246	43.99667	17.00284	26.99383	29.83267	1
1837.45	1841.45	1480.45	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1837.455	1841.455	1480.455	78.17603	70.89	76.31159	76.5712	65.37207	0	34.62793	14.8423	19.78563	29.35061	1
1837.46	1841.46	1480.46	78.83684	101.8861	78.22323	83.60414	47.56917	3.733113	48.69772	23.51944	25.17828	26.68004	1
1837.465	1841.465	1480.465	79.36785	77.97761	81.5391	79.30885	31.28385	9.285996	59.43016	41.70387	17.72629	27.74726	1
1837.47	1841.47	1480.47	77.53882	40.93824	79.22625	81.91671	45.67961	4.554468	49.76592	31.11376	18.65216	28.10052	1
1837.475	1841.475	1480.475	77.39721	51.04748	78.73064	79.41506	46.10701	4.327747	49.56524	21.75095	27.81429	28.3149	1
1837.48	1841.48	1480.48	81.24409	79.94097	84.18235	86.2474	23.1382	12.92538	63.93642	41.13219	22.80422	27.13255	1
1837.485	1841.485	1480.485	76.98421	88.97802	79.81626	83.22653	25.6934	10.29182	64.01478	30.12242	33.89236	26.62764	1
1837.49	1841.49	1480.49	76.42959	49.02842	78.51824	80.55968	41.63291	5.49666	52.87043	31.8968	20.97363	27.73838	4
1837.495	1841.495	1480.495	80.73668	79.85742	79.62746	79.53306	54.99323	1.495722	43.51105	17.13647	26.37458	29.17991	4
1837.5	1841.5	1480.5	76.15819	41.80157	76.40599	75.81598	57.898	0.834124	41.26788	28.99973	12.26815	30.20293	4
1837.505	1841.505	1480.505	74.71856	52.17537	75.96938	77.10221	48.93859	3.120934	47.94048	18.92649	29.01399	28.39344	4
1837.51	1841.51	1480.51	82.81353	222.821	78.93125	77.89282	39.97654	4.528602	55.49486	35.81396	19.6809	25.34509	4
1837.515	1841.515	1480.515	87.67523	317.0764	83.98175	77.66862	11.23073	10.77432	77.99495	60.46665	17.5283	26.50655	4
1837.52	1841.52	1480.52	76.12279	194.387	71.7095	68.33463	57.12838	2.432559	40.43906	14.60799	25.83107	27.29541	4
1837.525	1841.525	1480.525	74.22295	18.71463	73.63294	73.24353	71.75854	0	28.24146	22.65315	5.588309	29.53086	4
1837.53	1841.53	1480.53	72.22871	25.49589	73.09013	73.76274	60.7036	0	39.2964	19.44277	19.85364	30.23609	4
1837.535	1841.535	1480.535	76.5712	38.44574	76.40599	73.99874	61.53095	0	38.46905	16.64065	21.82839	31.0849	4
1837.54	1841.54	1480.54	77.59782	33.3215	77.51522	76.937	61.18637	0	38.81363	19.39185	19.42178	30.99948	4
1837.545	1841.545	1480.545	75.96938	30.56444	74.76576	73.45593	72.03966	0	27.96034	22.60119	5.359147	29.57434	4
1837.55	1841.55	1480.55	73.24353	35.95325	73.10193	73.30253	65.01269	0	34.98731	12.4876	22.49971	29.86257	4
1837.555	1841.555	1480.555	68.80664	49.7525	68.65323	69.14884	65.84666	0	34.15334	8.660147	25.49319	29.41474	4
1837.56	1841.56	1480.56	68.59423	35.03422	69.34945	70.04566	62.5621	0	37.4379	8.606621	28.83128	29.45488	4
1837.565	1841.565	1480.565	70.57667	55.33625	72.38211	70.32887	47.68595	2.849423	49.46463	32.28522	17.17941	28.63391	4
1837.57	1841.57	1480.57	72.28771	53.09439	73.09013	72.54731	54.42774	1.508831	44.06343	15.87988	28.18355	29.23546	4
1837.575	1841.575	1480.575	75.15517	58.84524	75.41477	75.48557	54.60476	1.713981	43.68126	24.80079	18.88047	29.16769	4
1837.58	1841.58	1480.58	72.74792	30.77331	73.77454	74.42355	57.66846	0.549353	41.78218	28.87428	12.9079	30.00511	4
1837.585	1841.585	1480.585	69.43205	35.47981	70.81268	71.9927	56.83653	0.43371	42.72976	26.95963	15.77013	29.52287	4
1837.59	1841.59	1480.59	69.46745	38.82171	69.71526	70.76548	64.7746	0	35.2254	21.12469	14.10071	29.36318	4
1837.595	1841.595	1480.595	68.62963	46.93973	69.34945	68.58243	59.92276	0	40.07724	9.537395	30.53985	30.03426	4
1837.6	1841.6	1480.6	73.80994	138.9533	74.83656	67.82722	30.51184	8.204471	61.28369	36.76187	24.52182	27.30785	4
1837.605	1841.605	1480.605	74.90736	465.1225	67.66201	60.21606	14.67704	16.7515	68.57146	38.75789	29.81357	21.39158	4
1837.61	1841.61	1480.61	63.55553	39.55971	61.64389	60.12166	86.77067	0	13.22933	9.20901	4.020322	30.72597	4
1837.615	1841.615	1480.615	67.93342	44.30799	66.71799	65.27836	76.19826	0	23.80174	17.6136	6.188137	29.65975	4
1837.62	1841.62	1480.62	71.8629	123.4831	69.60905	65.65597	61.47053	1.21345	37.31602	18.21506	19.10096	29.33166	4
1837.625	1841.625	1480.625	70.02206	98.53027	67.27261	62.68231	73.04366	0	26.95634	6.305774	20.65056	30.70179	4
1837.63	1841.63	1480.63	69.25505	74.53824	66.7888	62.89472	77.36055	0	22.63945	20.53826	2.101196	30.5037	4
1837.635	1841.635	1480.635	66.8596	80.94354	63.62633	61.19548	83.95865	0	16.04135	7.016894	9.024457	31.18149	4
1837.64	1841.64	1480.64	65.39637	71.33558	62.75311	61.23088	83.05735	0	16.94265	4.628234	12.31441	30.83647	4
1837.645	1841.645	1480.645	68.25203	95.03521	65.30197	63.59093	77.07259	0	22.92741	22.77891	0.148505	30.48958	4
1837.65	1841.65	1480.65	71.23749	89.43753	68.71224	65.73857	72.38833	0	27.61167	7.319466	20.2922	30.16763	4
1837.655	1841.655	1480.655	86.99081	44.22444	86.4716	86.92001	53.29002	2.61133	44.09865	16.29278	27.80587	29.76469	4
1837.66	1841.66	1480.66	104.6322	61.24027	103.5112	101.2809	37.60618	9.597068	52.79675	30.13316	22.66359	28.69041	4
1837.665	1841.665	1480.665	102.2957	52.23107	100.7381	98.77925	45.31966	4.384523	50.29582	25.42128	24.87454	29.74769	4
1837.67	1841.67	1480.67	95.51059	54.11089	95.84099	98.38985	36.47477	11.93157	51.59365	34.33967	17.25398	27.40668	4
1837.675	1841.675	1480.675	88.48944	217.3626	88.91425	93.74055	2.695703	18.5001	78.8042	78.8042	0	-9999	4
1837.68	1841.68	1480.68	74.29375	623.974	62.1159	53.39552	15.02638	21.94197	63.03165	34.74791	28.28374	17.4644	4
1837.685	1841.685	1480.685	61.36068	51.36775	61.39609	60.53467	70.84282	0	29.15718	7.797289	21.35989	29.09182	4
1837.69	1841.69	1480.69	54.11534	27.50103	52.97071	51.30688	92.42947	0	7.570526	6.046399	1.524127	31.42638	4
1837.695	1841.695	1480.695	54.57554	30.74546	54.81155	55.16556	80.52106	0	19.47894	10.57908	8.89986	28.69911	4
1837.7	1841.7	1480.7	60.91228	30.63406	60.86507	60.88867	76.91307	0	23.08693	20.40273	2.684197	28.83928	4
1837.705	1841.705	1480.705	60.67627	139.6217	59.76765	53.59612	57.43118	3.112073	39.45675	18.35596	21.10079	27.81512	4
1837.71	1841.71	1480.71	58.35162	180.5739	55.44876	50.50446	65.1148	4.151316	30.73389	9.135388	21.5985	27.53577	4

1837.715	1841.715	1480.715	54.36314	34.60256	54.91775	56.09778	77.31385	0	22.68615	3.930771	18.75538	28.16956	4
1837.72	1841.72	1480.72	54.92955	51.85511	54.70535	52.3453	78.65346	0	21.34654	7.977272	13.36927	29.67686	4
1837.725	1841.725	1480.725	53.20672	50.18416	51.82609	49.06483	89.60512	0	10.39488	10.39488	0	31.75521	4
1837.73	1841.73	1480.73	56.56979	32.40248	56.09778	54.98855	83.77247	0	16.22753	3.717085	12.51044	29.74286	4
1837.735	1841.735	1480.735	58.88263	47.60811	58.03302	56.51078	80.89135	0	19.10865	4.669249	14.4394	29.96269	4
1837.74	1841.74	1480.74	62.1395	44.60041	62.3519	62.37551	70.39223	0	29.60777	13.52025	16.08752	28.81844	4
1837.745	1841.745	1480.745	59.89745	55.86538	60.26326	61.01848	68.53991	0	31.46009	6.871787	24.5883	28.64996	4
1837.75	1841.75	1480.75	55.92077	39.9496	57.0182	56.58159	70.38006	0	29.61994	16.55629	13.06365	28.0532	4
1837.755	1841.755	1480.755	56.65239	42.72059	56.27478	55.95617	80.46788	0	19.53212	12.24625	7.285865	29.39139	4
1837.76	1841.76	1480.76	53.44272	48.736	52.3453	51.09447	87.54361	0	12.45639	12.45639	0	30.94773	4
1837.765	1841.765	1480.765	54.89415	81.80686	52.97071	51.79069	84.60678	0	15.39322	15.39322	0	31.60225	4
1837.77	1841.77	1480.77	58.72923	218.9082	54.11534	50.90567	68.75101	5.511068	25.73792	12.86855	12.86938	26.908	4
1837.775	1841.775	1480.775	55.16556	137.2963	51.60188	49.57224	83.64045	0.828578	15.53097	15.53097	0	32.53603	4
1837.78	1841.78	1480.78	54.12714	55.71221	52.2509	51.44848	91.26153	0	8.738472	8.738472	0	32.0405	4
1837.785	1841.785	1480.785	51.79069	56.56161	51.27148	48.47482	82.68854	0	17.31146	9.149899	8.161561	30.41757	4
1837.79	1841.79	1480.79	53.07691	73.59137	52.68751	51.86149	76.37804	0	23.62196	14.09311	9.528846	29.71234	4
1837.795	1841.795	1480.795	56.52258	84.04872	54.94135	52.2745	79.91398	0	20.08602	7.279575	12.80644	31.13689	4
1837.8	1841.8	1480.8	58.75283	49.02842	57.63181	56.69959	82.77045	0	17.22955	4.867263	12.36229	30.18307	4
1837.805	1841.805	1480.805	55.16556	56.54769	54.77615	53.80853	78.58106	0	21.41894	10.04578	11.37316	29.59031	4
1837.81	1841.81	1480.81	49.91445	82.19675	47.83761	45.54836	90.28262	0	9.717376	9.40983	0.307546	33.05514	4
1837.815	1841.815	1480.815	48.71082	72.4774	47.03519	44.93475	90.63268	0	9.367322	9.367322	0	32.65463	4
1837.82	1841.82	1480.82	56.81759	321.2817	49.59584	47.6252	65.94621	11.01018	23.04362	9.35904	13.68458	23.03856	4
1837.825	1841.825	1480.825	55.47236	272.6014	48.66362	46.10297	75.76363	8.112152	16.12422	5.766261	10.35795	26.57835	4
1837.83	1841.83	1480.83	64.11014	214.508	60.14526	58.63483	59.83556	5.41649	34.74795	11.42807	23.31988	25.60172	4
1837.835	1841.835	1480.835	50.41006	61.7137	49.64304	48.46302	84.6324	0	15.3676	15.3676	0	30.64372	4
1837.84	1841.84	1480.84	50.98827	49.29299	50.95287	51.44848	81.43624	0	18.56376	16.03841	2.525347	29.21859	4
1837.845	1841.845	1480.845	53.17132	129.22	51.67269	45.46576	71.42553	1.517897	27.05657	10.78644	16.27014	30.08551	4
1837.85	1841.85	1480.85	48.95863	42.01043	49.82005	49.70204	78.11555	0	21.88445	13.49888	8.385573	28.24165	4
1837.855	1841.855	1480.855	47.84941	41.74587	48.03821	46.78738	84.41282	0	15.58718	15.58718	0	29.57832	4
1837.86	1841.86	1480.86	53.58432	47.998	52.72291	49.26544	85.76289	0	14.23711	14.23711	0	30.94413	4
1837.865	1841.865	1480.865	47.02339	41.23066	45.67816	43.87272	97.18618	0	2.813824	2.813824	0	33.07072	4
1837.87	1841.87	1480.87	44.73414	34.2823	43.93173	43.18831	96.767	0	3.232999	3.232999	0	32.29352	4
1837.875	1841.875	1480.875	44.69874	45.21309	43.37711	41.33567	98.1782	0	1.821799	1.821799	0	33.50478	4
1837.88	1841.88	1480.88	46.77558	56.85403	45.71356	41.72508	91.43846	0	8.561544	8.561544	0	32.44013	4
1837.885	1841.885	1480.885	46.31538	46.99543	45.08815	41.02887	95.52796	0	4.472044	4.472044	0	33.18965	4
1837.89	1841.89	1480.89	50.76407	94.15796	52.4869	41.00527	57.15886	0.945064	41.89608	14.74673	27.14935	29.3329	4
1837.895	1841.895	1480.895	48.30962	64.34545	49.13563	42.4921	73.58192	0	26.41808	19.02226	7.395815	29.58393	4
1837.9	1841.9	1480.9	46.33898	49.5297	46.36258	47.2948	85.19905	0	14.80095	14.80095	0	29.56676	4
1837.905	1841.905	1480.905	48.40402	67.79874	49.01763	49.70204	74.30551	0	25.69449	4.232566	21.46192	28.49154	4
1837.91	1841.91	1480.91	62.63511	672.4315	54.03273	51.44848	0	32.83142	67.16858	67.16858	0	-9999	4
1837.915	1841.915	1480.915	101.2101	1234.399	107.3698	97.11542	0	100	0	0	0	-9999	4
1837.92	1841.92	1480.92	102.8621	516.156	99.48727	108.1368	0	23.32279	76.67721	76.67721	0	-9999	4
1837.925	1841.925	1480.925	67.62661	146.208	68.70044	65.08956	34.07906	6.946233	58.97471	37.57303	21.40168	26.15268	4
1837.93	1841.93	1480.93	61.75009	70.23554	63.95674	65.39637	49.09141	1.762944	49.14564	29.60063	19.54502	27.35826	4
1837.935	1841.935	1480.935	49.06483	31.95689	48.51022	47.4246	91.42503	0	8.574975	5.536116	3.038859	30.95056	4
1837.94	1841.94	1480.94	50.97647	174.5724	47.4128	46.03217	78.4736	3.427658	18.09874	10.49582	7.602918	29.47865	4
1837.945	1841.945	1480.945	54.81155	140.9724	52.64031	51.44848	72.28521	1.942687	25.77211	14.07025	11.70186	29.1555	4
1837.95	1841.95	1480.95	54.72895	41.4256	55.14196	55.75557	76.42356	0	23.57644	9.130481	14.44596	28.42407	4
1837.955	1841.955	1480.955	64.48775	61.37952	64.40515	64.60575	66.45759	0	33.54241	6.3798	27.16261	29.25873	4
1837.96	1841.96	1480.96	92.61953	56.14388	93.15054	91.3687	37.08788	10.8432	52.06892	20.73413	31.33478	28.23287	4
1837.965	1841.965	1480.965	94.23616	180.9498	95.45159	95.77019	0.093333	24.18605	75.72061	75.72061	0	-9999	4
1837.97	1841.97	1480.97	60.90047	100.2848	60.34586	60.55827	64.00089	0.804997	35.19412	21.72433	13.46979	28.75067	4
1837.975	1841.975	1480.975	54.58735	82.47524	54.50474	57.1362	70.4608	0	29.5392	13.19941	16.33979	28.78882	4
1837.98	1841.98	1480.98	53.99733	90.42617	51.25968	47.14139	89.65616	0	10.34384	10.34384	0	33.60341	4
1837.985	1841.985	1480.985	50.50446	47.90053	48.94683	45.47756	94.01562	0	5.984384	5.984384	0	32.85651	4
1837.99	1841.99	1480.99	50.37466	46.85619	49.13563	45.52476	91.91856	0	8.081436	8.081436	0	32.25097	4
1837.995	1841.995	1480.995	51.75529	57.36924	49.70204	47.696	94.41441	0	5.585593	5.585593	0	33.12901	4
1838	1842	1481	51.47208	42.91553	50.57526	47.03519	89.21047	0	10.78953	10.77729	0.012237	31.43312	4
1838.005	1842.005	1481.005	61.73829	25.24525	60.99488	60.99488	82.85289	0	17.14711	16.14464	1.002474	29.47102	4
1838.01	1842.01	1481.01	56.52258	46.64732	56.16858	54.07993	79.45413	0	20.54587	14.45488	6.090998	29.68253	4
1838.015	1842.015	1481.015	54.94135	49.11197	54.15074	51.57828	83.69614	0	16.30386	7.73425	8.569614	30.47877	4
1838.02	1842.02	1481.02	53.23032	36.02287	52.3453	51.03547	89.16946	0	10.83054	8.347656	2.482879	30.83535	4
1838.025	1842.025	1481.025	60.44027	20.97041	60.33406	59.56705	80.14318	0	19.85682	19.85682	0	29.05765	4
1838.03	1842.03	1481.03	81.06709	494.2945	82.55392	59.10684	0	36.47096	63.52904	63.52904	0	-9999	4
1838.035	1842.035	1481.035	69.50285	63.74669	70.61207	70.70648	52.0342	1.934884	46.03092	22.75248	23.27844	28.43626	4
1838.04	1842.04	1481.04	56.84119	31.45561	56.12138	54.56374	85.67241	0	14.32759	14.32759	0	30.16051	4
1838.045	1842.045	1481.045	60.52287	44.8232	61.71469	62.2693	64.23511	0	35.76489	21.89724	13.86766	28.36746	4
1838.05	1842.05	1481.05	60.39306	95.59219	61.30168	60.34586	54.26328	1.825552	43.91117	17.93587	25.97531	27.59118	4
1838.055	1842.055	1481.055	61.24268	64.69356	62.1041	62.89472	61.3249	0	38.6751	12.12319	26.55191	28.9081	4
1838.06	1842.06	1481.06	70.04566	53.6653	69.36125	66.50559	67.8752	0	32.1248	18.01075	14.11405	30.03753	4
1838.065	1842.065	1481.065	66.8242	102.7773	66.954	62.70591	52.64367	2.553246	44.80308	17.73882	27.06427	28.22459	4
1838.07	1842.07	1481.07	63.53193	112.1067	63.47293	57.2778	54.87806	2.426135	42.69581	25.2816	17.41421	28.40287	4
1838.075	1842.075	1481.075	59.64965	69.3026	57.325	54.75255	86.36711	0	13.63289	13.63289	0	31.75717	4

1838.08	1842.08	1481.08	61.50229	39.30907	60.86507	60.08626	78.8435	0	21.1565	4.873158	16.28334	29.4522	4
1838.085	1842.085	1481.085	64.32255	99.96451	62.96552	68.40543	67.14881	0.287829	32.56336	17.94698	14.61638	28.66065	4
1838.09	1842.09	1481.09	64.57035	45.19916	64.44055	66.50559	70.66305	0	29.33695	4.947315	24.38963	28.67819	4
1838.095	1842.095	1481.095	61.9035	91.9161	59.80305	56.65239	77.08352	0	22.91648	19.23831	3.67817	31.09468	4
1838.1	1842.1	1481.1	58.71743	83.26894	56.85299	57.4194	80.27828	0	19.72172	9.454099	10.26762	30.59464	4
1838.105	1842.105	1481.105	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1838.425	1842.425	1481.425	97.88243	256.3653	91.2153	85.09097	39.57807	0	60.42193	26.58907	33.83286	15.85055	-9999
1838.43	1842.43	1481.43	101.8119	318.4132	98.17744	97.50483	0	8.530138	91.46986	91.46986	0	-9999	-9999
1838.435	1842.435	1481.435	109.4467	157.5148	112.8333	115.0046	0	71.98621	28.01379	28.01379	0	-9999	-9999
1838.44	1842.44	1481.44	112.1017	197.6036	116.1256	119.7837	0	94.10648	5.893524	5.893524	0	-9999	-9999
1838.445	1842.445	1481.445	110.3081	350.2308	118.8633	114.6388	0	100	0	0	0	-9999	-9999
1838.45	1842.45	1481.45	107.476	586.4891	120.1141	107.9952	0	100	0	0	0	-9999	-9999
1838.455	1842.455	1481.455	93.39834	797.502	99.93568	61.60849	0	96.71283	3.287172	3.287172	0	-9999	-9999
1838.46	1842.46	1481.46	78.62444	577.9951	65.29017	59.35464	31.13133	14.46469	54.40397	23.60817	30.79581	17.49244	-9999
1838.465	1842.465	1481.465	63.39033	98.02899	60.90047	59.56705	77.25423	0	22.74577	10.26899	12.47677	30.88287	-9999
1838.47	1842.47	1481.47	61.75009	31.77587	62.0097	60.75887	73.48821	0	26.51179	7.123871	19.38792	28.88522	-9999
1838.475	1842.475	1481.475	67.89802	24.10343	67.42601	67.68561	75.35887	0	24.64113	21.79941	2.841721	29.05892	-9999
1838.48	1842.48	1481.48	61.9271	24.92498	61.50229	60.77067	80.28749	0	19.71251	5.408714	14.30379	29.27303	-9999
1838.485	1842.485	1481.485	64.25174	40.59013	63.67353	63.03632	75.54673	0	24.45327	4.692773	19.7605	29.29749	-9999
1838.49	1842.49	1481.49	62.37551	21.22105	62.3401	61.57309	77.7534	0	22.2466	18.22747	4.019134	28.9559	-9999
1838.495	1842.495	1481.495	67.99242	37.74952	67.62661	67.68561	71.1466	0	28.8534	18.77725	10.07615	29.18841	-9999
1838.5	1842.5	1481.5	68.24023	40.86862	67.86262	66.32859	70.25525	0	29.74475	12.99698	16.74777	29.53489	-9999
1838.505	1842.505	1481.505	64.11014	25.02246	64.16914	64.42875	74.50598	0	25.49402	4.394215	21.09981	28.75311	-9999
1838.51	1842.51	1481.51	63.59093	28.46183	63.27232	63.66173	77.07778	0	22.92222	15.66862	7.253594	28.93418	-9999
1838.515	1842.515	1481.515	68.90104	140.0812	64.78275	63.55553	74.6281	0	25.3719	11.48617	13.88573	30.91817	-9999
1838.52	1842.52	1481.52	88.04103	219.493	86.4126	83.07313	18.50529	10.91439	70.58031	39.26201	31.3183	26.62904	-9999
1838.525	1842.525	1481.525	94.84977	212.8649	93.72875	92.85553	9.912823	14.62365	75.46353	64.93365	10.52988	27.48424	-9999
1838.53	1842.53	1481.53	71.22569	291.0514	64.71195	63.29592	54.51936	6.957086	38.52355	27.6458	10.87775	23.63759	-9999
1838.535	1842.535	1481.535	63.89774	95.996	62.55251	61.9271	68.40856	0	31.59144	21.92425	9.667188	30.11353	-9999
1838.54	1842.54	1481.54	63.59093	83.68668	62.71771	62.75311	68.01161	0	31.98839	10.98744	21.00095	29.70106	-9999
1838.545	1842.545	1481.545	65.32557	80.42833	63.94494	64.27534	71.13669	0	28.86331	12.38806	16.47525	29.70705	-9999
1838.55	1842.55	1481.55	66.70619	74.7471	65.51437	64.21634	69.77814	0	30.22186	8.233577	21.98828	29.8825	-9999
1838.555	1842.555	1481.555	65.39637	77.64342	64.75915	64.98336	65.98404	0	34.01596	11.27528	22.74068	29.60439	-9999
1838.56	1842.56	1481.56	63.92134	103.8355	61.23088	59.18944	76.9152	0	23.0848	5.892612	17.19219	31.09496	-9999
1838.565	1842.565	1481.565	65.18396	70.41656	65.46717	66.64719	60.7951	0.269371	38.93553	24.69836	14.23717	29.06334	-9999
1838.57	1842.57	1481.57	62.50531	58.74777	61.64389	61.71469	74.95414	0	25.04586	18.21002	6.835841	29.44271	-9999
1838.575	1842.575	1481.575	64.46415	81.12456	63.29592	62.1749	70.11458	0	29.88542	14.59413	15.29129	29.9447	-9999
1838.58	1842.58	1481.58	64.21634	65.87715	63.48473	63.44933	70.64871	0	29.35129	14.99352	14.35777	29.44079	-9999
1838.585	1842.585	1481.585	62.89472	62.32639	62.1277	62.41091	72.99825	0	27.00175	12.39908	14.60267	29.36328	-9999
1838.59	1842.59	1481.59	63.95674	82.61449	62.44631	62.0451	72.87294	0	27.12706	15.69327	11.4338	29.96917	-9999
1838.595	1842.595	1481.595	62.37551	72.78374	60.94768	59.28384	76.06655	0	23.93345	22.52137	1.412083	30.20397	-9999
1838.6	1842.6	1481.6	64.36975	70.43049	64.18094	64.91256	65.19889	0	34.80111	10.77163	24.02948	29.32013	-9999
1838.605	1842.605	1481.605	63.11892	53.17794	61.9271	60.67627	78.29817	0	21.70183	15.97471	5.727118	29.87662	-9999
1838.61	1842.61	1481.61	59.83845	80.5815	58.92983	56.72319	72.48969	0	27.51031	7.236805	20.2735	30.1305	-9999
1838.615	1842.615	1481.615	71.26109	64.72141	70.91888	71.8511	61.42932	0.122433	38.44825	26.30562	12.14263	29.73883	-9999
1838.62	1842.62	1481.62	60.95948	49.16767	59.88565	59.16584	80.34083	0	19.65917	19.65917	0	29.85698	-9999
1838.625	1842.625	1481.625	84.91397	282.4043	85.19717	66.09258	0	20.49229	79.50771	79.50771	0	-9999	-9999
1838.63	1842.63	1481.63	88.17084	545.4534	96.71421	62.75311	0	79.02896	20.97104	20.97104	0	-9999	-9999
1838.635	1842.635	1481.635	80.45348	261.9073	74.04595	67.0956	52.25961	2.437972	45.30242	30.10839	15.19403	26.36189	-9999
1838.64	1842.64	1481.64	71.8511	77.1839	73.72734	73.58574	40.67763	4.921659	54.40071	22.18433	32.21637	27.37571	-9999
1838.645	1842.645	1481.645	69.47925	91.95788	70.18727	71.7095	48.33817	3.210708	48.45112	16.30332	32.1478	27.13259	-9999
1838.65	1842.65	1481.65	69.31405	103.6684	73.32613	73.97514	20.04967	9.42688	70.52345	36.43691	34.08653	27.17346	-9999
1838.655	1842.655	1481.655	69.66806	81.08279	72.61812	76.08739	33.42039	6.198818	60.3808	37.95076	22.43004	26.43414	-9999
1838.66	1842.66	1481.66	69.64445	72.5331	71.36729	72.54731	45.02212	3.551503	51.42638	16.71218	34.7142	27.39199	-9999
1838.665	1842.665	1481.665	74.80116	212.9624	73.40873	73.97514	30.43735	8.912003	60.65065	34.89604	25.7546	24.36295	-9999
1838.67	1842.67	1481.67	77.26741	192.7022	73.97514	73.72734	47.79513	4.18192	48.02295	29.78891	18.23403	25.73256	-9999
1838.675	1842.675	1481.675	71.8393	122.8704	72.42931	72.81872	39.60061	5.720857	54.67854	21.0655	33.61303	26.22665	-9999
1838.68	1842.68	1481.68	75.36757	314.0548	74.17575	75.22597	3.89721	16.18245	79.92034	69.68415	10.23618	-9999	-9999
1838.685	1842.685	1481.685	74.38815	285.9132	71.8865	71.6387	21.75969	11.8792	66.36111	45.69661	20.6645	23.36653	-9999
1838.69	1842.69	1481.69	75.45017	135.7785	74.82476	75.73338	42.57439	5.241613	52.184	19.1811	33.00289	26.19467	-9999
1838.695	1842.695	1481.695	75.23777	36.34313	76.40599	77.25561	52.93248	2.078803	44.98872	15.56576	29.42296	29.25306	-9999
1838.7	1842.7	1481.7	74.58876	39.29514	75.14337	76.15819	57.57068	0.80967	41.61965	20.40778	21.21187	29.81558	-9999
1838.705	1842.705	1481.705	74.28195	27.16684	74.17575	73.65654	65.9093	0	34.0907	19.82336	14.26735	30.03116	-9999
1838.71	1842.71	1481.71	73.66834	26.1225	73.12553	71.6151	70.11027	0	29.88973	18.3445	11.54522	29.77873	-9999
1838.715	1842.715	1481.715	69.86866	80.35871	71.56789	72.19331	43.10496	4.11594	52.7791	23.69857	29.08054	27.20605	-9999
1838.72	1842.72	1481.72	60.41666	66.40629	58.58763	52.97071	82.52139	0	17.47861	15.82036	1.658255	31.55369	-9999
1838.725	1842.725	1481.725	68.74764	49.55755	67.73282	66.70619	72.62411	0	27.37589	14.38172	12.99417	29.54873	-9999
1838.73	1842.73	1481.73	72.38211	32.06829	72.33491	73.72734	66.01374	0	33.98626	13.13708	20.84918	29.47466	-9999
1838.735	1842.735	1481.735	68.34643	55.39195	68.52343	68.02782	62.34466	0	37.65534	24.50437	13.15098	29.79902	-9999
1838.74	1842.74	1481.74	68.38183	84.43861	67.35521	69.25505	64.61089	0.02282	35.36629	21.35013	14.01616	29.49046	-9999
1838.745	1842.745	1481.745	62.41091	72.79766	61.13648	61.30168	74.84173	0	25.15827	22.35226	2.80601	29.75704	-9999
1838.75	1842.75	1481.75	67.94522	68.85701	67.2018	67.75642	66.58847	0	33.41153	6.85606	26.55547	29.50821	-9999
1838.755	1842.755	1481.755	71.36729	51.92473	71.22569	70.56487	62.87373	0	37.12627	17.65734	19.46893	30.04691	-9999

1838.76	1842.76	1481.76	66.8832	26.90227	66.71799	65.88018	73.23743	0	26.76257	13.91176	12.85081	29.16786	-9999
1838.765	1842.765	1481.765	72.27591	33.51645	71.8511	70.67108	68.68745	0	31.31255	21.32289	9.989654	29.72657	-9999
1838.77	1842.77	1481.77	72.72432	30.67583	73.38513	73.25533	60.54877	0	39.45123	13.41421	26.03702	30.44649	-9999
1838.775	1842.775	1481.775	65.80938	24.99461	65.88018	66.16338	72.85797	0	27.14203	17.28437	9.857662	28.83187	-9999
1838.78	1842.78	1481.78	64.31074	67.92406	63.17792	63.10712	73.17587	0	26.82413	7.776192	19.04794	29.60723	-9999
1838.785	1842.785	1481.785	68.29923	45.93716	67.61481	66.43479	71.35213	0	28.64787	10.00556	18.64231	29.51923	-9999
1838.79	1842.79	1481.79	68.86564	75.17877	68.52343	67.89802	61.10246	0.404591	38.49295	14.11497	24.37798	29.56518	-9999
1838.795	1842.795	1481.795	74.11675	45.05992	73.79814	72.68892	63.37729	0	36.62271	19.51004	17.11267	30.29182	-9999
1838.8	1842.8	1481.8	78.44744	151.3601	76.07559	74.76576	49.58104	3.193856	47.2251	19.08828	28.13682	27.09569	-9999
1838.805	1842.805	1481.805	75.19057	64.55432	74.76576	73.37333	58.4948	0.766437	40.73876	11.09021	29.64856	29.9098	-9999
1838.81	1842.81	1481.81	76.34699	33.65569	76.28799	76.7128	62.07335	0	37.92665	22.59937	15.32728	30.51661	-9999
1838.815	1842.815	1481.815	75.02537	56.2692	74.81296	70.83628	59.00565	0.579443	40.4149	13.34351	27.0714	30.63924	-9999
1838.82	1842.82	1481.82	72.20511	19.41085	71.9573	70.88348	70.79436	0	29.20564	7.696324	21.50931	29.59455	-9999
1838.825	1842.825	1481.825	71.9927	21.05395	71.8157	71.29649	70.04343	0	29.95657	23.95531	6.001254	29.51603	-9999
1838.83	1842.83	1481.83	70.55307	32.12399	69.32585	68.99544	76.82816	0	23.17184	17.02747	6.144367	29.33885	-9999
1838.835	1842.835	1481.835	71.09588	42.55349	69.90406	69.00724	73.53048	0	26.46952	17.33089	9.138634	29.4787	-9999
1838.84	1842.84	1481.84	71.56789	15.4145	71.36729	70.60027	71.98191	0	28.01809	8.30567	19.71242	29.43951	-9999
1838.845	1842.845	1481.845	67.69741	11.16751	67.48501	67.0956	76.66198	0	23.33802	11.64184	11.69619	29.0622	-9999
1838.85	1842.85	1481.85	72.68892	41.24458	73.14913	68.86564	59.57838	0.214932	40.20668	21.6467	18.55999	30.98814	-9999
1838.855	1842.855	1481.855	82.12911	188.0514	75.81598	71.15489	67.85955	0	32.14045	24.37729	7.763167	26.40161	-9999
1838.86	1842.86	1481.86	77.85742	147.0156	74.04595	67.29621	62.33234	0.094568	37.57309	14.38984	23.18324	30.05005	-9999
1838.865	1842.865	1481.865	70.47047	19.02097	70.76548	71.15489	68.2778	0	31.7222	10.63174	21.09046	29.29932	-9999
1838.87	1842.87	1481.87	70.91888	19.53618	70.88348	71.6387	70.30123	0	29.69877	23.08803	6.610734	29.17799	-9999
1838.875	1842.875	1481.875	68.80664	15.13601	68.84204	68.07502	72.76062	0	27.23938	20.30656	6.932816	29.18992	-9999
1838.88	1842.88	1481.88	69.89226	14.10559	69.76246	68.79484	73.29154	0	26.70846	20.55287	6.155587	29.31158	-9999
1838.885	1842.885	1481.885	68.51163	12.79668	68.24023	67.40241	75.9759	0	24.0241	9.396761	14.62734	29.1975	-9999
1838.89	1842.89	1481.89	69.01904	15.42843	68.99544	69.38485	72.95171	0	27.04829	22.19249	4.855807	28.99722	-9999
1838.895	1842.895	1481.895	69.16064	22.62743	68.58243	68.16942	75.37751	0	24.62249	18.24325	6.379239	29.22948	-9999
1838.9	1842.9	1481.9	68.25203	18.79817	68.07502	67.68561	74.03076	0	25.96924	17.10116	8.868086	29.11239	-9999
1838.905	1842.905	1481.905	68.19302	19.75897	67.75642	66.7888	75.86447	0	24.13553	15.54844	8.587096	29.26649	-9999
1838.91	1842.91	1481.91	69.23145	18.99312	69.56185	70.45867	69.15008	0	30.84992	14.89504	15.95488	29.02094	-9999
1838.915	1842.915	1481.915	73.62114	45.31056	72.16971	70.38787	72.55198	0	27.44802	6.16212	21.2859	29.60827	-9999
1838.92	1842.92	1481.92	78.16423	103.2925	74.04595	70.24627	75.00884	0	24.99116	13.32151	11.66965	28.67139	-9999
1838.925	1842.925	1481.925	75.41477	88.29571	71.7803	69.07804	77.41802	0	22.58198	5.945175	16.6368	29.31435	-9999
1838.93	1842.93	1481.93	70.93068	61.1985	68.93644	68.31103	75.38911	0	24.61089	16.63753	7.973366	29.55099	-9999
1838.935	1842.935	1481.935	71.6151	42.10791	71.20209	71.22569	67.12481	0	32.87519	17.38569	15.48949	29.57094	-9999
1838.94	1842.94	1481.94	74.56516	100.4101	72.0871	70.60027	66.30571	0	33.69429	13.34086	20.35343	29.75785	-9999
1838.945	1842.945	1481.945	69.23145	75.95854	67.27261	66.9894	73.10611	0	26.89389	15.29624	11.59765	29.6999	-9999
1838.95	1842.95	1481.95	65.06596	18.04625	64.60575	64.27534	79.33875	0	20.66125	14.4901	6.171149	29.14458	-9999
1838.955	1842.955	1481.955	64.73555	24.86929	64.62935	64.62935	75.24799	0	24.75201	23.75135	1.000655	28.89046	-9999
1838.96	1842.96	1481.96	63.28412	25.66299	62.70591	61.9153	80.04931	0	19.95069	7.463764	12.48693	29.35001	-9999
1838.965	1842.965	1481.965	63.69713	27.23646	62.82391	62.41091	81.57485	0	18.42515	4.563294	13.86185	29.50405	-9999
1838.97	1842.97	1481.97	60.68807	38.9331	61.30168	60.81787	69.98967	0	30.01033	22.875	7.135335	28.59035	-9999
1838.975	1842.975	1481.975	59.31924	38.58499	59.51985	59.55525	74.53405	0	25.46595	8.43736	17.02859	28.66495	-9999
1838.98	1842.98	1481.98	56.33378	91.15025	58.02122	51.50748	53.03694	1.543984	45.41907	27.29948	18.11959	28.34686	-9999
1838.985	1842.985	1481.985	54.51654	56.35274	54.17434	52.97071	78.85952	0	21.14048	8.717397	12.42308	29.61372	-9999
1838.99	1842.99	1481.99	52.77011	35.11777	53.24212	50.18585	79.29492	0	20.70508	20.70508	0	29.09934	-9999
1838.995	1842.995	1481.995	55.76737	35.24309	56.71139	55.74377	72.84904	0	27.15096	22.91503	4.235931	28.19443	-9999
1839	1843	1482	57.51381	33.47467	57.4076	57.76161	79.8095	0	20.1905	13.96911	6.221392	28.92379	-9999
1839.005	1843.005	1482.005	60.36946	28.615	60.01546	59.09504	80.27882	0	19.72118	8.369076	11.3521	29.29411	-9999
1839.01	1843.01	1482.01	53.79673	37.06721	53.48992	54.29234	83.91449	0	16.08551	9.973114	6.112393	29.37733	-9999
1839.015	1843.015	1482.015	51.79069	23.76925	51.79069	50.68146	86.60041	0	13.39959	4.222004	9.177586	29.62944	-9999
1839.02	1843.02	1482.02	56.10958	24.4237	55.88537	54.37494	84.20624	0	15.79376	12.31019	3.483568	29.58474	-9999
1839.025	1843.025	1482.025	55.53136	18.40828	55.54316	54.84695	84.36489	0	15.63511	12.39102	3.244094	29.21373	-9999
1839.03	1843.03	1482.03	60.00366	43.05478	59.46085	59.08324	78.58417	0	21.41583	8.765632	12.6502	29.35519	-9999
1839.035	1843.035	1482.035	64.26354	354.7703	57.83241	54.24514	44.86441	12.70472	42.43087	15.46592	26.96495	20.69772	-9999
1839.04	1843.04	1482.04	59.17764	185.6702	55.75557	51.64908	67.14542	4.101531	28.75305	8.643233	20.10982	27.69395	-9999
1839.045	1843.045	1482.045	54.75255	40.81292	54.84695	54.29234	79.01931	0	20.98069	4.434859	16.54583	28.98503	-9999
1839.05	1843.05	1482.05	59.51985	76.64085	60.22786	59.88565	61.20754	0.214231	38.57823	16.50258	22.07564	28.89292	-9999
1839.055	1843.055	1482.055	59.63785	80.35871	60.31046	58.91803	60.47361	0.450005	39.07638	17.05167	22.02471	28.877	-9999
1839.06	1843.06	1482.06	60.99488	50.30948	62.2693	63.49653	61.83302	0	38.16698	23.27574	14.89124	28.44352	-9999
1839.065	1843.065	1482.065	61.46689	33.16833	61.30168	61.78549	76.70405	0	23.29595	10.58445	12.71149	28.83023	-9999
1839.07	1843.07	1482.07	55.56677	42.74844	56.59339	52.2745	70.57714	0	29.42286	7.504552	21.91831	28.81975	-9999
1839.075	1843.075	1482.075	54.72895	32.5835	54.51654	53.50172	83.41029	0	16.58971	16.58971	0	29.52334	-9999
1839.08	1843.08	1482.08	53.56072	36.51023	53.20672	53.63153	84.63221	0	15.36779	3.229195	12.13859	29.55097	-9999
1839.085	1843.085	1482.085	56.07418	83.51959	54.05633	52.00309	83.83829	0	16.16171	8.735235	7.426475	31.67546	-9999
1839.09	1843.09	1482.09	62.52891	242.8306	59.72045	56.16858	45.47394	8.430577	46.09548	24.49361	21.60187	23.56018	-9999
1839.095	1843.095	1482.095	61.11288	144.8434	59.47265	58.63483	61.43586	2.832679	35.73146	28.31024	7.421224	27.31757	-9999
1839.1	1843.1	1482.1	59.29564	45.71437	60.86507	61.54949	62.22203	0	37.77797	17.97013	19.80783	28.15848	-9999
1839.105	1843.105	1482.105	57.84421	49.11197	58.72923	56.78219	68.03934	0	31.96066	19.33475	12.62591	28.68635	-9999
1839.11	1843.11	1482.11	48.51022	17.01583	47.82581	45.43036	96.55698	0	3.443024	3.443024	0	31.98696	-9999
1839.115	1843.115	1482.115	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1839.42	1843.42	1482.42	68.34643	9.663653	68.38183	67.39061	74.50833	0	25.49167	18.24406	7.247614	29.14929	-9999

1839.425	1843.425	1482.425	71.6859	23.65785	71.00148	69.60905	73.62798	0	26.37202	5.624027	20.74799	29.51327	-9999
1839.43	1843.43	1482.43	74.47075	44.57256	74.05775	72.86592	63.90116	0	36.09884	17.87176	18.22707	30.25752	-9999
1839.435	1843.435	1482.435	70.19907	42.70666	70.45867	70.11646	63.06991	0	36.93009	13.8229	23.1072	29.83371	-9999
1839.44	1843.44	1482.44	71.01328	64.41507	69.97486	68.66503	67.1271	0	32.8729	13.44546	19.42744	29.85292	-9999
1839.445	1843.445	1482.445	70.42327	52.983	70.04566	69.27865	65.31517	0	34.68483	15.83363	18.8512	29.79418	-9999
1839.45	1843.45	1482.45	74.76576	41.24458	74.24655	73.76274	65.25819	0	34.74181	14.59499	20.14681	29.99788	-9999
1839.455	1843.455	1482.455	68.97184	31.6784	68.61783	67.68561	71.62329	0	28.37671	23.94885	4.427862	29.36493	-9999
1839.46	1843.46	1482.46	69.83326	76.75224	66.9894	64.19274	79.21926	0	20.78074	10.75557	10.02516	30.35557	-9999
1839.465	1843.465	1482.465	67.65021	30.70368	67.0602	66.26959	74.90411	0	25.09589	4.558232	20.53766	29.29498	-9999
1839.47	1843.47	1482.47	68.06322	29.71504	66.7652	64.73555	80.2505	0	19.7495	14.90026	4.849237	29.7946	-9999
1839.475	1843.475	1482.475	69.17244	24.68827	68.88924	67.70921	72.58164	0	27.41836	19.0549	8.363468	29.36309	-9999
1839.48	1843.48	1482.48	68.93644	37.61027	69.13704	64.41695	65.92211	0	34.07789	9.36197	24.71592	30.27806	-9999
1839.485	1843.485	1482.485	68.16942	38.11155	68.01602	63.28412	69.25001	0	30.74999	23.88093	6.869065	30.09716	-9999
1839.49	1843.49	1482.49	67.1428	42.17753	67.33161	63.83874	66.55843	0	33.44157	14.95421	18.48737	29.88058	-9999
1839.495	1843.495	1482.495	66.30499	31.09357	65.83298	65.32557	75.13284	0	24.86716	6.048622	18.81853	29.18602	-9999
1839.5	1843.5	1482.5	70.70648	24.27053	70.47047	70.37607	70.90561	0	29.09439	7.967077	21.12731	29.29989	-9999
1839.505	1843.505	1482.505	68.44083	35.84185	68.65323	68.45263	66.71458	0	33.28542	22.93291	10.35252	29.34014	-9999
1839.51	1843.51	1482.51	67.0012	17.907	67.0366	68.31103	73.75105	0	26.24895	14.61543	11.63352	28.67895	-9999
1839.515	1843.515	1482.515	66.52919	36.48238	66.54099	64.80636	69.87296	0	30.12704	6.295222	23.83182	29.38144	-9999
1839.52	1843.52	1482.52	65.17216	43.24972	63.73253	63.75613	80.73231	0	19.26769	3.600552	15.66714	29.6869	-9999
1839.525	1843.525	1482.525	64.06294	34.74181	63.59093	64.14554	76.31265	0	23.68735	4.546911	19.14044	28.99423	-9999
1839.53	1843.53	1482.53	65.93918	29.64541	65.52617	65.44357	75.36258	0	24.63742	13.27418	11.36324	29.07392	-9999
1839.535	1843.535	1482.535	67.60301	32.13791	67.87442	67.89802	67.92446	0	32.07554	10.81593	21.25961	29.13381	-9999
1839.54	1843.54	1482.54	63.98034	33.85064	64.07474	65.05416	72.21462	0	27.78538	16.25271	11.53267	28.65509	-9999
1839.545	1843.545	1482.545	62.71771	21.49954	62.1749	62.42271	81.3036	0	18.6964	18.6964	0	29.17023	-9999
1839.55	1843.55	1482.55	67.35521	35.59121	66.8832	66.9068	73.07821	0	26.92179	17.11826	9.803525	29.14198	-9999
1839.555	1843.555	1482.555	65.97458	34.40762	66.25778	67.50861	68.7819	0	31.2181	20.76906	10.44904	28.7464	-9999
1839.56	1843.56	1482.56	68.13402	65.34802	68.78304	67.0602	56.47262	1.004554	42.52282	24.08003	18.44279	29.21986	-9999
1839.565	1843.565	1482.565	62.95372	18.45006	63.75613	63.75613	71.39894	0	28.60106	18.04679	10.55428	28.38531	-9999
1839.57	1843.57	1482.57	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1839.575	1843.575	1482.575	65.96278	20.02354	65.63237	65.18396	77.0292	0	22.9708	7.496297	15.4745	29.08203	-9999
1839.58	1843.58	1482.58	67.0248	22.08437	66.00998	64.79455	80.85763	0	19.14237	3.500577	15.6418	29.57515	-9999
1839.585	1843.585	1482.585	68.75944	30.13277	67.61481	65.18396	78.32002	0	21.67998	17.24362	4.436357	29.75714	-9999
1839.59	1843.59	1482.59	61.64389	20.69191	61.28988	61.34888	81.02373	0	18.97627	12.25908	6.717188	29.08417	-9999
1839.595	1843.595	1482.595	58.85903	38.86348	57.67901	54.42214	85.58992	0	14.41008	14.41008	0	30.77103	-9999
1839.6	1843.6	1482.6	60.92408	41.06356	60.92408	59.23664	74.01247	0	25.98753	13.59741	12.39013	29.14419	-9999
1839.605	1843.605	1482.605	61.9743	60.55797	61.78549	62.69411	69.79185	0	30.20815	13.58237	16.62578	28.96903	-9999
1839.61	1843.61	1482.61	63.18972	58.34396	63.14252	63.98034	68.11203	0	31.88797	20.4177	11.47027	28.9747	-9999
1839.615	1843.615	1482.615	61.23088	48.03977	60.99488	60.71167	73.871	0	26.129	4.432124	21.69688	29.07525	-9999
1839.62	1843.62	1482.62	62.58791	30.27202	61.9153	60.60547	80.30605	0	19.69395	19.69395	0	29.53751	-9999
1839.625	1843.625	1482.625	61.75009	32.56957	61.54949	60.92408	76.86276	0	23.13724	18.84054	4.296705	29.05216	-9999
1839.63	1843.63	1482.63	56.40458	21.77803	55.88537	55.84997	86.86138	0	13.13862	13.13862	0	29.74991	-9999
1839.635	1843.635	1482.635	58.91803	44.69788	60.07446	57.266	66.01624	0	33.98376	10.86681	23.11695	28.7725	-9999
1839.64	1843.64	1482.64	55.90897	44.29406	56.10958	57.4548	76.2899	0	23.7101	10.38324	13.32686	28.46743	-9999
1839.645	1843.645	1482.645	57.77341	54.25013	58.95343	60.78247	64.57474	0	35.42526	23.60767	11.81759	27.97912	-9999
1839.65	1843.65	1482.65	55.17736	25.46804	55.24816	54.35134	82.52485	0	17.47515	8.220242	9.254904	29.12372	-9999
1839.655	1843.655	1482.655	55.89717	39.60148	55.90897	52.00309	78.89959	0	21.10041	17.6805	3.419913	29.63746	-9999
1839.66	1843.66	1482.66	56.22758	32.48603	56.94739	54.51654	74.83044	0	25.16956	18.94299	6.22657	28.63583	-9999
1839.665	1843.665	1482.665	61.83269	32.80629	60.99488	59.87385	81.66788	0	18.33212	16.8249	1.507215	29.6978	-9999
1839.67	1843.67	1482.67	58.57583	65.01383	56.78219	55.95617	84.27758	0	15.72242	7.698304	8.024118	30.90672	-9999
1839.675	1843.675	1482.675	58.24542	51.70194	57.64361	56.78219	78.56639	0	21.43361	13.7515	7.682112	29.58846	-9999
1839.68	1843.68	1482.68	58.32802	24.17306	58.64663	55.70837	78.01914	0	21.98086	8.783774	13.19709	29.07647	-9999
1839.685	1843.685	1482.685	56.15678	23.32366	56.86479	54.82335	77.20433	0	22.79567	8.396704	14.39897	28.5489	-9999
1839.69	1843.69	1482.69	57.00639	32.6392	56.60519	53.93833	82.76479	0	17.23521	4.667445	12.56776	29.87414	-9999
1839.695	1843.695	1482.695	58.69383	39.23945	58.70563	56.40458	76.41428	0	23.58572	14.50102	9.084704	29.24558	-9999
1839.7	1843.7	1482.7	61.9035	35.45196	61.54949	60.39306	77.21297	0	22.78703	14.45123	8.3358	29.26404	-9999
1839.705	1843.705	1482.705	87.21502	758.1512	79.69826	71.9219	0	30.20634	69.79366	69.79366	0	-9999	-9999
1839.71	1843.71	1482.71	89.71667	364.8795	88.01743	83.94635	0	20.82076	79.17924	79.17924	0	-9999	-9999
1839.715	1843.715	1482.715	58.35162	41.71802	57.2306	56.78219	84.90868	0	15.09132	10.25742	4.833909	30.20029	-9999
1839.72	1843.72	1482.72	56.71139	44.8232	54.66995	53.73773	92.79948	0	7.200517	7.200517	0	32.05882	-9999
1839.725	1843.725	1482.725	56.13318	51.35382	54.02093	51.55468	92.29974	0	7.700261	7.700261	0	32.44897	-9999
1839.73	1843.73	1482.73	55.75557	36.05072	55.46056	50.95287	82.2669	0	17.7331	4.363872	13.36923	30.15457	-9999
1839.735	1843.735	1482.735	58.04482	40.24201	57.3014	53.59612	82.62167	0	17.37833	7.867069	9.51126	30.34783	-9999
1839.74	1843.74	1482.74	57.84421	26.69341	58.35162	54.37494	76.39109	0	23.60891	20.99236	2.616552	29.09832	-9999
1839.745	1843.745	1482.745	59.22484	85.5665	58.05662	49.77285	73.85979	0	26.14021	6.327898	19.81231	31.49278	-9999
1839.75	1843.75	1482.75	57.2188	34.1709	57.2778	55.11836	78.63209	0	21.36791	8.693306	12.67461	29.21302	-9999
1839.755	1843.755	1482.755	58.00942	24.85536	57.3486	55.16556	85.73765	0	14.26235	14.26235	0	30.124	-9999
1839.76	1843.76	1482.76	57.3722	38.3622	58.43422	52.5577	69.70325	0	30.29675	17.53521	12.76154	29.1301	-9999
1839.765	1843.765	1482.765	58.55223	43.62569	59.05964	52.2745	71.6421	0	28.3579	14.43235	13.92554	29.73475	-9999
1839.77	1843.77	1482.77	61.13648	55.71221	62.0687	58.94163	63.04738	0	36.95262	20.47069	16.48193	29.37509	-9999
1839.775	1843.775	1482.775	64.21634	73.88378	64.77095	62.62331	58.74285	0.652818	40.60433	15.25091	25.35342	29.19223	-9999
1839.78	1843.78	1482.78	66.37579	59.52755	65.92738	67.75642	68.00378	0	31.99622	22.3732	9.623017	29.04092	-9999
1839.785	1843.785	1482.785	68.12222	60.51619	68.80664	72.19331	57.37843	0.726343	41.89523	10.59968	31.29555	28.5212	-9999

1839.79	1843.79	1482.79	68.91284	31.16319	69.42025	70.94248	65.12626	0	34.87374	11.25979	23.61395	29.12412	-9999
1839.795	1843.795	1482.795	81.07889	532.2389	71.8747	68.14582	7.938066	15.44453	76.6174	60.82318	15.79423	-9999	-9999
1839.8	1843.8	1482.8	94.05916	1004.087	76.27619	95.79379	0	13.60498	86.39502	86.39502	0	-9999	-9999
1839.805	1843.805	1482.805	62.71771	112.6916	60.39306	58.26902	73.04437	0.095997	26.85964	13.89364	12.96599	30.91591	-9999
1839.81	1843.81	1482.81	53.97373	53.69315	54.35134	54.10354	74.42396	0	25.57604	19.26465	6.311382	28.66417	-9999
1839.815	1843.815	1482.815	52.3689	58.91487	52.2273	48.65182	78.66064	0	21.33936	10.67693	10.66244	29.94648	-9999
1839.82	1843.82	1482.82	54.44574	67.00504	54.48114	49.12383	73.42034	0	26.57966	15.39868	11.18098	30.00332	-9999
1839.825	1843.825	1482.825	56.46358	48.47144	56.15678	54.91775	78.70116	0	21.29884	4.29997	16.99887	29.45542	-9999
1839.83	1843.83	1482.83	54.03273	26.9162	53.37192	53.32472	88.89747	0	11.10253	11.10253	0	30.2253	-9999
1839.835	1843.835	1482.835	57.2424	31.91512	56.02697	55.11836	89.03308	0	10.96692	10.96692	0	30.74331	-9999
1839.84	1843.84	1482.84	53.85573	30.80115	53.66693	53.04151	84.46208	0	15.53792	15.11351	0.424414	29.51528	-9999
1839.845	1843.845	1482.845	53.92653	26.40099	53.65513	53.59612	86.10194	0	13.89806	13.89806	0	29.58824	-9999
1839.85	1843.85	1482.85	57.63181	62.66058	56.27478	56.02697	82.33184	0	17.66816	15.36168	2.306481	30.36794	-9999
1839.855	1843.855	1482.855	53.56072	40.61798	53.47812	52.2745	81.53475	0	18.46525	5.854766	12.61049	29.40863	-9999
1839.86	1843.86	1482.86	53.26572	38.29257	53.26572	50.70507	81.72874	0	18.27126	8.622703	9.648561	29.58377	-9999
1839.865	1843.865	1482.865	55.74377	28.72639	55.60217	54.29234	82.86137	0	17.13863	13.20437	3.934264	29.41578	-9999
1839.87	1843.87	1482.87	54.45754	35.50766	53.66693	53.52532	87.43348	0	12.56652	12.56652	0	30.25526	-9999
1839.875	1843.875	1482.875	55.41336	30.55051	55.16556	55.62577	83.54697	0	16.45303	4.698546	11.75448	29.24929	-9999
1839.88	1843.88	1482.88	58.52863	33.07086	57.58461	56.36918	85.46667	0	14.53333	14.53333	0	30.17714	-9999
1839.885	1843.885	1482.885	54.33954	26.77695	53.97373	53.89113	86.36261	0	13.63739	6.921358	6.716033	29.69022	-9999
1839.89	1843.89	1482.89	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1839.895	1843.895	1482.895	55.80277	9.830748	55.79097	55.79097	86.37386	0	13.62614	13.62614	0	29.19656	-9999
1839.9	1843.9	1482.9	56.03877	19.99569	56.78219	55.21276	77.8439	0	22.1561	4.387771	17.76833	28.42343	-9999
1839.905	1843.905	1482.905	51.53108	9.357313	51.16527	51.16527	93.16194	0	6.838057	6.838057	0	30.4434	-9999
1839.91	1843.91	1482.91	50.94107	22.16792	50.26846	49.43064	92.98234	0	7.017664	7.017664	0	31.02388	-9999
1839.915	1843.915	1482.915	52.82911	30.71761	52.6285	51.93229	85.51824	0	14.48176	14.48176	0	29.66122	-9999
1839.92	1843.92	1482.92	53.02971	35.32664	52.12109	49.39524	89.70541	0	10.29459	10.29459	0	31.17066	-9999
1839.925	1843.925	1482.925	52.4161	32.01259	51.64908	49.84365	89.97451	0	10.02549	6.366577	3.65891	30.90379	-9999
1839.93	1843.93	1482.93	52.98251	37.72167	52.75831	52.06209	83.86503	0	16.13497	14.97949	1.155481	29.60007	-9999
1839.935	1843.935	1482.935	54.02093	41.17496	53.45452	51.03547	84.72609	0	15.27391	14.75186	0.522048	30.29096	-9999
1839.94	1843.94	1482.94	53.41912	38.75208	52.2037	50.19765	90.89595	0	9.104052	6.342297	2.761755	31.47977	-9999
1839.945	1843.945	1482.945	54.55194	32.44425	54.07993	53.18312	85.61878	0	14.38122	9.686289	4.694934	29.90602	-9999
1839.95	1843.95	1482.95	52.71111	29.68719	52.03849	50.77587	89.53424	0	10.46576	6.92963	3.536131	30.62346	-9999
1839.955	1843.955	1482.955	59.70865	26.27567	59.70865	57.78521	78.70933	0	21.29067	17.96958	3.321093	29.15933	-9999
1839.96	1843.96	1482.96	56.08598	28.48968	55.56677	51.23608	85.53028	0	14.46972	13.9482	0.521518	30.48325	-9999
1839.965	1843.965	1482.965	58.06842	39.37869	56.98279	55.90897	85.46099	0	14.53901	14.53901	0	30.32968	-9999
1839.97	1843.97	1482.97	60.71167	25.03638	60.03906	59.49625	83.29922	0	16.70078	13.98086	2.71992	29.56184	-9999
1839.975	1843.975	1482.975	54.98855	26.21997	54.42214	53.76133	87.45499	0	12.54501	12.54501	0	30.05046	-9999
1839.98	1843.98	1482.98	55.55496	24.64649	55.37796	55.00035	84.29676	0	15.70324	6.727799	8.975442	29.34902	-9999
1839.985	1843.985	1482.985	57.79701	39.0445	57.207	56.29838	81.95057	0	18.04943	12.6598	5.389621	29.66886	-9999
1839.99	1843.99	1482.99	55.08296	17.82345	55.11836	53.26572	84.73605	0	15.26395	3.871616	11.39233	29.43054	-9999
1839.995	1843.995	1482.995	54.50474	30.73153	55.40156	54.98855	75.46826	0	24.53174	11.22262	13.30912	28.07758	-9999
1840	1844	1483	57.1598	33.39112	56.06238	51.55468	87.83736	0	12.16264	5.25759	6.905051	31.19962	-9999
1840.005	1844.005	1483.005	54.18614	34.31015	53.67873	51.16527	85.77813	0	14.22187	13.98792	0.233948	30.28036	-9999
1840.01	1844.01	1483.01	59.00064	31.14927	58.43422	59.10684	82.57098	0	17.42902	14.91873	2.510292	29.30362	-9999
1840.015	1844.015	1483.015	57.98581	31.41384	58.13922	59.03604	77.86203	0	22.13797	20.87183	1.266138	28.52881	-9999
1840.02	1844.02	1483.02	60.85327	31.92904	60.23966	59.42544	81.04366	0	18.95634	9.883306	9.073037	29.48481	-9999
1840.025	1844.025	1483.025	60.32226	39.67111	59.33104	59.24844	82.58507	0	17.41493	16.28826	1.126667	29.75631	-9999
1840.03	1844.03	1483.03	60.42847	28.08586	60.47567	60.98308	77.24323	0	22.75677	14.27959	8.477183	28.65538	-9999
1840.035	1844.035	1483.035	58.98884	33.98988	59.60245	59.22484	72.74922	0	27.25078	11.92741	15.32337	28.4133	-9999
1840.04	1844.04	1483.04	60.79427	44.60041	60.16886	60.99488	78.12292	0	21.87708	11.05851	10.81857	29.15705	-9999
1840.045	1844.045	1483.045	60.98308	33.4329	60.65267	59.75585	78.36546	0	21.63454	11.38137	10.25317	29.21959	-9999
1840.05	1844.05	1483.05	61.73829	20.21848	61.31348	60.87687	81.60017	0	18.39983	16.72237	1.677465	29.23926	-9999
1840.055	1844.055	1483.055	61.04208	23.11479	61.49049	61.00668	74.77234	0	25.22766	23.18675	2.040909	28.54319	-9999
1840.06	1844.06	1483.06	60.74707	34.49117	60.90047	59.20124	74.57696	0	25.42304	10.57953	14.84351	29.00513	-9999
1840.065	1844.065	1483.065	61.59669	19.95391	60.60547	60.66447	86.18416	0	13.81584	13.81584	0	29.80914	-9999
1840.07	1844.07	1483.07	60.74707	28.615	60.02726	59.26024	82.76643	0	17.23357	17.23357	0	29.62192	-9999
1840.075	1844.075	1483.075	62.61151	34.07343	62.77671	63.81513	72.87131	0	27.12869	17.22339	9.905298	28.54659	-9999
1840.08	1844.08	1483.08	65.12496	30.18847	64.36975	63.55553	78.63235	0	21.36765	6.953294	14.41436	29.38919	-9999
1840.085	1844.085	1483.085	64.31074	39.74073	64.07474	63.90954	73.0459	0	26.9541	24.05061	2.903492	29.03901	-9999
1840.09	1844.09	1483.09	67.74462	54.31976	68.28743	63.59093	60.32279	0.022999	39.65422	13.23354	26.42068	30.60467	-9999
1840.095	1844.095	1483.095	72.33491	120.4336	69.78606	64.66475	64.06055	0.58166	35.35779	24.02204	11.33575	30.12314	-9999
1840.1	1844.1	1483.1	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1840.41	1844.41	1483.41	59.46085	65.40372	59.29564	61.9153	70.74865	0	29.25135	16.74514	12.50621	28.6331	-9999
1840.415	1844.415	1483.415	55.64937	64.429	55.67297	55.50776	73.02786	0	26.97214	23.14193	3.830213	29.0082	-9999
1840.42	1844.42	1483.42	52.71111	67.4367	52.65211	53.06511	75.64336	0	24.35664	5.946846	18.40979	29.09303	-9999
1840.425	1844.425	1483.425	52.00309	54.91851	51.49568	52.2509	82.79931	0	17.20069	9.801341	7.399353	29.7095	-9999
1840.43	1844.43	1483.43	49.58404	61.78333	49.48964	49.86725	80.16273	0	19.83727	15.96395	3.873319	29.37058	-9999
1840.435	1844.435	1483.435	50.35106	61.85295	50.43366	50.85847	78.06845	0	21.93155	18.96626	2.965286	29.05351	-9999
1840.44	1844.44	1483.44	52.71111	75.20662	52.07389	50.91747	78.24418	0	21.75582	16.97241	4.783411	30.07683	-9999
1840.445	1844.445	1483.445	54.85875	63.56567	54.68175	56.02697	75.51883	0	24.48117	3.909491	20.57167	28.93253	-9999
1840.45	1844.45	1483.45	54.76435	68.13293	55.02395	54.95315	71.11669	0	28.88331	13.0197	15.86362	28.84084	-9999
1840.455	1844.455	1483.455	57.84421	178.0953	55.79097	57.2778	59.59689	4.60629	35.79682	11.32803	24.46879	25.42448	-9999

1840.46	1844.46	1483.46	65.14856	297.5263	60.07446	55.25996	47.38626	9.908153	42.70559	28.6202	14.08539	22.69421	-9999
1840.465	1844.465	1483.465	64.62935	271.8912	60.02726	59.07144	50.40956	8.664165	40.92628	31.5726	9.35368	22.85011	-9999
1840.47	1844.47	1483.47	65.77398	313.47	62.74131	63.35493	27.13134	12.96729	59.90136	28.28064	31.62072	21.3144	-9999
1840.475	1844.475	1483.475	63.47293	422.5133	56.78219	50.30386	31.2099	17.19795	51.59215	23.378	28.21415	19.25452	-9999
1840.48	1844.48	1483.48	60.68807	371.8975	54.83515	47.6488	39.52792	14.79744	45.67465	30.67678	14.99787	20.33439	-9999
1840.485	1844.485	1483.485	59.69685	331.1124	55.35436	50.31566	38.60399	13.21915	48.17687	18.82351	29.35335	20.96109	-9999
1840.49	1844.49	1483.49	60.45207	240.6166	58.12742	57.4548	44.1709	8.678531	47.15057	33.90481	13.24576	22.83371	-9999
1840.495	1844.495	1483.495	61.36068	194.0528	60.46387	58.51683	43.53773	6.856058	49.60622	21.71684	27.88937	24.3587	-9999
1840.5	1844.5	1483.5	59.70865	154.5488	58.70563	58.26902	55.44063	3.958181	40.60118	17.29121	23.30997	26.00037	-9999
1840.505	1844.505	1483.505	60.64087	157.6819	59.09504	58.77643	58.03159	3.757636	38.21078	12.62064	25.59014	26.30759	-9999
1840.51	1844.51	1483.51	61.25448	181.2005	59.42544	53.79673	53.97041	5.124347	40.90525	19.60004	21.30521	26.18934	-9999
1840.515	1844.515	1483.515	64.26354	206.2368	61.9153	58.55223	49.16715	6.425665	44.40719	31.57158	12.83561	24.88327	-9999
1840.52	1844.52	1483.52	64.05114	230.9808	61.10108	58.17462	48.03857	7.495413	44.46602	28.24246	16.22356	24.04641	-9999
1840.525	1844.525	1483.525	62.58791	148.3106	61.34888	60.32226	56.1304	3.539272	40.33033	30.12799	10.20233	26.57857	-9999
1840.53	1844.53	1483.53	60.46387	133.9683	59.42544	57.58461	60.00068	2.595985	37.40334	20.31463	17.08871	27.50147	-9999
1840.535	1844.535	1483.535	72.0753	131.2252	71.9573	71.6151	42.84875	5.141138	52.01012	31.70078	20.30934	26.31229	-9999
1840.54	1844.54	1483.54	79.26165	159.2275	79.14365	80.54788	29.46075	8.883244	61.65601	42.7941	18.86191	25.60689	-9999
1840.545	1844.545	1483.545	77.06681	122.5502	77.44441	78.87224	36.51494	6.849454	56.63561	29.06851	27.5671	26.20189	-9999
1840.55	1844.55	1483.55	79.41506	116.5487	78.95485	79.41506	42.29999	5.228737	52.47127	23.6458	28.82547	26.87808	-9999
1840.555	1844.555	1483.555	77.22021	132.9936	76.5358	75.41477	42.07717	5.306332	52.6165	32.6364	19.9801	26.69677	-9999
1840.56	1844.56	1483.56	78.16423	127.9807	77.05501	74.10495	45.71405	4.248554	50.0374	25.59791	24.43949	27.46018	-9999
1840.565	1844.565	1483.565	78.42384	120.7817	77.32641	76.26439	47.12592	3.835648	49.03844	18.5853	30.45314	27.40048	-9999
1840.57	1844.57	1483.57	75.81598	113.4853	76.11099	75.43837	40.49957	5.668043	53.83239	27.65284	26.17955	26.84832	-9999
1840.575	1844.575	1483.575	77.20841	206.5014	77.53882	80.39448	16.43427	12.45818	71.10755	48.93226	22.17529	25.21371	-9999
1840.58	1844.58	1483.58	85.26798	230.2289	86.77841	85.11457	0	21.32534	78.67466	78.67466	0	-9999	-9999
1840.585	1844.585	1483.585	83.40354	190.0565	81.5627	78.21143	31.54157	7.500574	60.95786	26.65819	34.29967	26.18932	-9999
1840.59	1844.59	1483.59	71.8865	219.4513	70.63567	70.87168	30.45111	9.227351	60.32154	39.50255	20.81899	24.04027	-9999
1840.595	1844.595	1483.595	66.56459	270.8469	64.06294	58.75283	32.60343	10.67443	56.72214	33.27559	23.44655	23.31237	-9999
1840.6	1844.6	1483.6	64.54675	282.2929	61.30168	57.73801	37.45139	10.66416	51.88446	31.95965	19.92481	22.45183	-9999
1840.605	1844.605	1483.605	66.44659	261.0857	62.63511	60.78247	45.22535	8.589508	46.18514	20.37948	25.80567	23.09774	-9999
1840.61	1844.61	1483.61	71.06048	221.3032	68.75944	65.25476	38.90209	7.714256	53.38365	26.07609	27.30756	24.57316	-9999
1840.615	1844.615	1483.615	71.33189	218.8525	70.65928	67.56761	26.62511	10.01623	63.35865	30.72568	32.63298	24.80524	-9999
1840.62	1844.62	1483.62	69.05444	222.0969	67.73282	69.01904	32.96507	8.990897	58.04404	38.30406	19.73998	23.50277	-9999
1840.625	1844.625	1483.625	68.65323	203.3684	67.99242	67.0602	32.74518	8.580673	58.67414	28.51909	30.15506	24.34203	-9999
1840.63	1844.63	1483.63	68.70044	187.0209	66.9894	66.7652	44.79706	6.074016	49.12893	24.31858	24.81034	24.84304	-9999
1840.635	1844.635	1483.635	70.37607	168.6823	68.99544	66.17518	45.13278	5.436576	49.43065	21.7663	27.66435	25.91781	-9999
1840.64	1844.64	1483.64	73.43233	199.1353	72.80692	70.69468	29.09846	9.126971	61.77457	32.34446	29.43011	25.09224	-9999
1840.645	1844.645	1483.645	73.63294	184.1664	74.36455	73.58574	22.01941	10.63432	67.34627	38.80814	28.53812	25.61728	-9999
1840.65	1844.65	1483.65	73.05472	148.0461	72.57091	73.06652	40.71204	5.853415	53.43455	30.66388	22.77067	25.73838	-9999
1840.655	1844.655	1483.655	72.53551	176.4243	72.14611	73.21993	33.59055	7.829391	58.58006	37.21183	21.36823	24.84761	-9999
1840.66	1844.66	1483.66	77.36181	181.9245	76.9252	75.87498	28.18511	9.169162	62.64572	36.01603	26.6297	25.54544	-9999
1840.665	1844.665	1483.665	72.98392	180.2118	72.16971	70.35247	35.55371	7.446547	56.99974	37.15871	19.84104	25.3218	-9999
1840.67	1844.67	1483.67	78.90764	423.6133	74.84836	73.99874	0	18.18333	81.81667	81.81667	0	-9999	-9999
1840.675	1844.675	1483.675	83.75754	374.3343	82.40052	99.71147	0	21.33771	78.66229	78.66229	0	-9999	-9999
1840.68	1844.68	1483.68	80.55968	248.5536	79.35605	77.55062	15.06321	12.61692	72.31987	59.45428	12.86559	25.62746	-9999
1840.685	1844.685	1483.685	81.27949	136.3773	82.27071	85.20897	24.53761	11.02138	64.44101	33.113	31.32801	25.97907	-9999
1840.69	1844.69	1483.69	78.21143	141.3762	78.54184	79.19085	31.27179	8.397518	60.33069	36.6012	23.72949	26.00134	-9999
1840.695	1844.695	1483.695	47.3892	138.5913	47.07059	49.19463	65.33205	2.504172	32.16378	24.10184	8.061932	26.57	-9999
1840.7	1844.7	1483.7	54.56374	141.3901	54.22154	54.31594	58.23705	3.172699	38.59025	11.67831	26.91194	26.25013	-9999
1840.705	1844.705	1483.705	57.57281	153.4627	56.29838	52.99431	59.77184	3.520933	36.70722	28.24321	8.464012	26.98851	-9999
1840.71	1844.71	1483.71	58.51683	169.9912	56.99459	55.27176	56.82395	4.494972	38.68108	23.13391	15.54717	25.90228	-9999
1840.715	1844.715	1483.715	60.69987	190.2932	59.36644	60.09806	48.43923	6.150905	45.40987	28.30064	17.10923	24.20341	-9999
1840.72	1844.72	1483.72	61.67929	215.4828	61.41969	59.61425	33.12017	8.951538	57.9283	36.7978	21.13049	23.70664	-9999
1840.725	1844.725	1483.725	67.24901	104.8242	67.1428	67.29621	53.58653	2.456221	43.95725	25.98663	17.97062	27.47502	-9999
1840.73	1844.73	1483.73	61.46689	184.793	63.03632	60.79427	26.56746	8.730175	64.70237	31.659	33.04337	24.89367	-9999
1840.735	1844.735	1483.735	70.73008	217.6828	71.7331	69.83326	14.47567	12.50548	73.01885	60.75766	12.26119	25.79052	-9999
1840.74	1844.74	1483.74	73.43233	160.8706	73.38513	72.19331	33.87738	7.570167	58.55245	35.36901	23.18344	25.66417	-9999
1840.745	1844.745	1483.745	78.43564	140.5825	77.76302	76.76	39.03101	6.116271	54.85272	31.09469	23.75803	26.4492	-9999
1840.75	1844.75	1483.75	70.56487	455.9044	67.39061	62.74131	0	22.34009	77.65991	77.65991	0	-9999	-9999
1840.755	1844.755	1483.755	78.17603	383.8169	73.38513	70.41147	12.32382	14.24212	73.43405	52.36014	21.07391	23.2201	-9999
1840.76	1844.76	1483.76	78.63624	328.5503	75.74518	74.97816	10.5512	14.09787	75.35093	58.83782	16.51311	24.32181	-9999
1840.765	1844.765	1483.765	80.37088	394.4971	78.17603	78.02263	0	20.10736	79.89264	79.89264	0	-9999	-9999
1840.77	1844.77	1483.77	87.30942	317.0347	86.79021	91.3333	0	21.14848	78.85152	78.85152	0	-9999	-9999
1840.775	1844.775	1483.775	83.91095	271.0557	83.85195	88.46584	0	18.21632	81.78368	81.78368	0	-9999	-9999
1840.78	1844.78	1483.78	66.02178	268.981	65.89198	68.84204	15.17254	13.30637	71.52109	59.92233	11.59876	23.29943	-9999
1840.785	1844.785	1483.785	52.13289	261.4478	50.81127	51.36588	39.00999	10.50564	50.48438	27.4984	22.98597	21.23796	-9999
1840.79	1844.79	1483.79	56.45178	187.2576	55.76737	59.93285	48.05222	6.172508	45.77528	14.15445	31.62082	23.30537	-9999
1840.795	1844.795	1483.795	58.68203	164.7973	57.89141	56.79399	52.25886	4.748886	42.99225	13.05547	29.93678	25.41176	-9999
1840.8	1844.8	1483.8	57.1362	247.4257	55.96797	61.54949	36.61141	9.918162	53.47043	29.12722	24.34321	21.08991	-9999
1840.805	1844.805	1483.805	60.08626	306.2153	57.2896	53.57252	32.29064	12.714	54.99536	20.53803	34.45733	21.53494	-9999
1840.81	1844.81	1483.81	68.27563	374.39	64.81816	61.60849	13.37945	16.55016	70.07039	45.81635	24.25404	22.24405	-9999
1840.815	1844.815	1483.815	71.23749	258.83	70.63567	70.55307	16.48871	12.81033	70.70096	47.11118	23.58978	24.26836	-9999
1840.82	1844.82	1483.82	59.17764	232.7075	58.70563	53.54892	32.89944	9.646736	57.45382	29.00056	28.45326	23.69793	-9999

1840.825	1844.825	1483.825	63.30772	176.0205	62.80031	62.94192	43.09236	6.227543	50.6801	17.80352	32.87657	24.563	-9999
1840.83	1844.83	1483.83	74.63596	292.2072	75.75698	80.92549	0	19.02779	80.97221	80.97221	0	-9999	-9999
1840.835	1844.835	1483.835	85.48038	172.7622	85.32698	87.72243	20.73848	11.91853	67.34299	43.50515	23.83784	25.8767	-9999
1840.84	1844.84	1483.84	83.49794	233.1113	84.06435	87.23862	2.379279	17.38397	80.23675	80.23675	0	-9999	-9999
1840.845	1844.845	1483.845	89.02045	221.9716	90.07067	90.56628	0	21.68255	78.31745	78.31745	0	-9999	-9999
1840.85	1844.85	1483.85	85.18537	121.1299	84.86677	84.94937	34.78523	7.782195	57.43257	25.33052	32.10205	26.81945	-9999
1840.855	1844.855	1483.855	80.09947	109.0016	79.22625	78.54184	46.69755	3.899866	49.40258	23.95713	25.44545	27.62964	-9999
1840.86	1844.86	1483.86	68.48803	115.2258	68.86564	69.45565	46.1799	4.060892	49.75921	27.10264	22.65657	26.50615	-9999
1840.865	1844.865	1483.865	69.83326	162.5833	69.13704	70.18727	41.8039	5.949513	52.24658	34.69304	17.55354	25.12817	-9999
1840.87	1844.87	1483.87	75.32037	266.1125	72.42931	69.58545	28.71174	9.895429	61.39283	31.1417	30.25113	23.89954	-9999
1840.875	1844.875	1483.875	81.12609	347.8497	81.27949	75.59178	0	22.9349	77.0651	77.0651	0	-9999	-9999
1840.88	1844.88	1483.88	56.84119	133.481	56.94739	55.16556	54.58065	3.186221	42.23313	12.33367	29.89946	26.50904	-9999
1840.885	1844.885	1483.885	57.1952	199.4695	57.89141	59.63785	33.71314	8.161681	58.12518	23.7244	34.40079	23.16178	-9999
1840.89	1844.89	1483.89	57.73801	121.9096	57.85601	57.91501	56.46438	2.514733	41.02089	24.25495	16.76594	26.77553	-9999
1840.895	1844.895	1483.895	59.18944	135.9456	58.71743	55.59037	56.30496	3.116456	40.57859	26.63385	13.94474	27.06518	-9999
1840.9	1844.9	1483.9	57.384	133.5784	56.91199	57.4784	58.53881	2.789205	38.67198	27.29777	11.37421	26.62155	-9999
1840.905	1844.905	1483.905	58.36342	121.7843	56.97099	55.76737	67.62517	1.335727	31.0391	9.154831	21.88427	28.92241	-9999
1840.91	1844.91	1483.91	57.72621	183.5676	56.00337	54.91775	55.82049	5.21962	38.95989	13.47873	25.48115	25.22156	-9999
1840.915	1844.915	1483.915	60.35766	224.6173	57.2542	55.35436	54.16541	6.95827	38.87632	15.74925	23.12707	24.27231	-9999
1840.92	1844.92	1483.92	60.13346	204.2178	57.58461	56.36918	55.01012	6.030489	38.95939	30.65611	8.303281	24.7793	-9999
1840.925	1844.925	1483.925	60.44027	216.2068	58.41062	58.50503	47.80262	7.279967	44.91741	25.40839	19.50902	23.55609	-9999
1840.93	1844.93	1483.93	56.25118	209.7876	53.95013	49.73745	55.31343	6.530869	38.1557	16.25522	21.90048	24.89298	-9999
1840.935	1844.935	1483.935	52.79371	311.6319	48.67542	43.28271	47.93157	12.35101	39.71743	11.24338	28.47404	21.25986	-9999
1840.94	1844.94	1483.94	55.67297	302.0101	51.38948	48.64002	48.89147	11.49616	39.61237	23.03152	16.58085	21.37022	-9999
1840.945	1844.945	1483.945	59.51985	349.2979	57.2306	58.94163	18.45331	16.02301	65.52367	41.85768	23.66599	20.48178	-9999
1840.95	1844.95	1483.95	53.28932	202.3101	52.00309	56.28658	51.98303	6.586774	41.43019	26.94975	14.48044	22.94634	-9999
1840.955	1844.955	1483.955	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1840.965	1844.965	1483.965	54.90595	79.77388	54.61095	54.82335	72.46754	0	27.53246	22.24347	5.288981	29.3455	-9999
1840.97	1844.97	1483.97	59.21304	140.304	58.42242	57.4902	57.69771	3.139311	39.16298	12.9231	26.23988	26.72959	-9999
1840.975	1844.975	1483.975	63.18972	134.0379	62.89472	60.19246	51.71457	3.605037	44.68039	17.87252	26.80787	26.78653	-9999
1840.98	1844.98	1483.98	67.57941	106.8293	67.73282	68.65323	50.78537	2.997914	46.21672	30.76843	15.44828	26.99204	-9999
1840.985	1844.985	1483.985	68.51163	104.6292	68.93644	69.65625	48.35676	3.418628	48.22462	26.69947	21.52515	26.90837	-9999
1840.99	1844.99	1483.99	72.0635	92.94652	72.46471	72.94852	48.09915	3.436018	48.46483	24.67722	23.78761	27.39855	-9999
1840.995	1844.995	1483.995	71.22569	110.8257	71.8629	73.05472	42.71415	4.822514	52.46333	24.76738	27.69595	26.43126	-9999
1841	1845	1484	66.954	151.6107	68.15762	68.47623	32.38443	7.322362	60.29321	41.08437	19.20884	25.2648	-9999
1841.005	1845.005	1484.005	72.32311	141.2091	72.79512	70.98968	35.63206	6.884726	57.48321	30.98611	26.4971	26.1492	-9999
1841.01	1845.01	1484.01	72.40571	86.94503	72.35851	71.8039	52.71186	2.344453	44.94369	30.91045	14.03324	28.23786	-9999
1841.015	1845.015	1484.015	70.21087	66.55946	70.14006	71.48529	59.84733	0.467103	39.68557	17.50624	22.17933	29.25722	-9999
1841.02	1845.02	1484.02	70.50587	105.7293	70.71828	71.42629	47.90198	3.613192	48.48483	19.15622	29.32861	26.9606	-9999
1841.025	1845.025	1484.025	72.35851	114.641	72.24051	71.9219	46.60157	4.082793	49.31564	31.5774	17.73824	26.94796	-9999
1841.03	1845.03	1484.03	72.83052	131.0998	72.64172	73.07833	42.73299	5.174485	52.09253	21.31267	30.77986	26.20662	-9999
1841.035	1845.035	1484.035	72.61812	139.7609	72.38211	74.55336	41.19823	5.6325	53.16927	24.59998	28.5693	25.60387	-9999
1841.04	1845.04	1484.04	72.35851	187.0488	71.54429	69.88046	34.47455	7.806992	57.71846	26.1465	31.57196	25.09154	-9999
1841.045	1845.045	1484.045	69.23145	158.6984	67.66201	65.44357	50.06517	4.392073	45.54276	29.33526	16.2075	26.35385	-9999
1841.05	1845.05	1484.05	66.12798	154.2007	65.24296	63.14252	48.70457	4.653243	46.64218	24.46816	22.17403	26.08716	-9999
1841.055	1845.055	1484.055	68.66503	101.1899	68.88924	69.56185	50.60263	2.930115	46.46725	14.05724	32.41001	27.2202	-9999
1841.06	1845.06	1484.06	68.57063	119.4728	68.74764	70.41147	46.63081	4.077439	49.29175	20.73087	28.56087	26.24261	-9999
1841.065	1845.065	1484.065	69.80966	113.5967	69.40845	67.81542	51.39409	3.071551	45.53436	20.6225	24.91187	27.49886	-9999
1841.07	1845.07	1484.07	72.0517	106.4116	71.48529	71.08408	52.35052	2.718751	44.93073	15.64963	29.2811	27.70267	-9999
1841.075	1845.075	1484.075	72.66532	154.5071	71.8865	73.10193	41.79303	5.718682	52.48829	17.91507	34.57323	25.47789	-9999
1841.08	1845.08	1484.08	69.08984	146.9739	68.15762	68.22843	48.09437	4.458221	47.44741	33.10215	14.34526	26.02621	-9999
1841.085	1845.085	1484.085	63.77973	76.12564	63.52013	63.68533	64.91218	0	35.08782	7.028998	28.05882	29.47229	-9999
1841.09	1845.09	1484.09	68.68863	115.0309	67.34341	65.52617	59.39449	1.696273	38.90923	17.06267	21.84656	28.50142	-9999
1841.095	1845.095	1484.095	69.64445	112.6776	68.42903	65.58517	58.07866	1.813792	40.10755	18.49564	21.61192	28.61392	-9999
1841.1	1845.1	1484.1	70.71828	128.3289	69.29045	69.32585	54.94928	2.678781	42.37194	17.32797	25.04397	27.34275	-9999
1841.105	1845.105	1484.105	71.07228	79.91312	70.91888	72.0281	56.4634	1.411664	42.12494	16.82503	25.29991	28.51251	-9999
1841.11	1845.11	1484.11	68.58243	54.26406	69.33765	70.67108	57.91934	0.516294	41.56437	25.18276	16.38161	29.14416	-9999
1841.115	1845.115	1484.115	-11839.9	-13923.2	-11839.9	-11839.9	-9999	-9999	-9999	-9999	-9999	-9999	-9999

Well B22: SS-corrected CI parameters (5mm resampled)

Core Depth	MDRT	Burial Depth	CIave	CIvar	CImed	CImod	clay_norm	sand_norm	silt_norm	CrS_output	ChS_output	PHI_norm	FaciesID_Variation A
m	m	m	unitless	unitless	unitless	unitless	%	%	%	%	%	%	unitless
1692	1691.85	1089.35	92.60088	28.72003	92.13569	95.66948	51.46215	4.28214	44.25571	22.39418	21.86153	32.75636	1
1692.005	1691.855	1089.355	88.4958	36.52612	88.01429	87.75313	53.47624	2.82862	43.69514	24.34608	19.34906	33.54522	1
1692.01	1691.86	1089.36	81.52615	33.73537	81.07729	80.26117	60.31068	0.265737	39.42358	25.72548	13.6981	34.56774	1
1692.015	1691.865	1089.365	78.86561	19.34872	78.71055	78.65342	63.96298	0	36.03702	9.534399	26.50262	34.22651	1
1692.02	1691.87	1089.37	79.64092	31.9437	78.84929	78.22904	65.13515	0	34.86485	23.09879	11.76607	33.77482	1
1692.025	1691.875	1089.375	80.07346	21.85306	79.76334	78.278	63.44744	0	36.55256	6.666477	29.88608	34.61165	1
1692.03	1691.88	1089.38	81.73834	33.82196	80.93855	79.55931	62.81423	0	37.18577	25.1398	12.04598	34.36843	1
1692.035	1691.885	1089.385	81.93421	46.3237	81.07729	78.40042	60.05135	0.148592	39.80006	24.02461	15.77545	34.66553	1
1692.04	1691.89	1089.39	81.61593	51.64543	80.39991	76.53151	61.83928	0	38.16072	18.08492	20.0758	34.43414	1
1692.045	1691.895	1089.395	82.89723	53.69686	81.65673	80.63658	60.35378	0	39.64622	24.25142	15.3948	34.13484	1
1692.05	1691.9	1089.4	84.81511	59.67798	83.10126	79.84495	60.81035	0	39.18965	12.58807	26.60158	33.89229	1
1692.055	1691.905	1089.405	85.05995	63.83412	83.65622	79.17573	57.17585	0.512158	42.31199	22.43669	19.8753	34.38755	1
1692.06	1691.91	1089.41	84.16222	44.63193	83.46035	80.84878	57.20926	1.08638	41.70436	16.48369	25.22067	34.28798	1
1692.065	1691.915	1089.415	82.97884	40.41584	82.44837	80.26117	57.99002	0.936204	41.07377	24.71145	16.36232	34.35052	1
1692.07	1691.92	1089.42	83.17471	41.30169	82.30963	80.57946	60.18867	0.107981	39.70335	8.2499	31.45345	34.68304	1
1692.075	1691.925	1089.425	84.66821	36.96571	84.30096	85.721	56.00576	1.755616	42.23863	18.64049	23.59813	33.47457	1
1692.08	1691.93	1089.43	86.32493	49.13442	86.07193	87.60623	50.65126	3.590838	45.7579	16.42014	29.33776	32.50095	1
1692.085	1691.935	1089.435	85.47617	50.31999	84.51315	82.9462	56.64789	1.05722	42.29489	18.60312	23.69177	33.98821	1
1692.09	1691.94	1089.44	85.00282	29.13964	84.47234	82.64424	58.85681	0.836204	40.30698	15.24955	25.05744	34.73948	1
1692.095	1691.945	1089.445	84.37441	29.11966	83.81128	81.14258	59.69278	0.523309	39.78391	12.06294	27.72097	35.02519	1
1692.1	1691.95	1089.45	84.67637	30.84472	83.83577	82.44021	61.14798	0	38.85202	26.50704	12.34498	34.92843	1
1692.105	1691.955	1089.455	85.76181	26.56869	85.30478	84.52131	58.21147	1.167901	40.62063	28.87167	11.74896	34.49869	1
1692.11	1691.96	1089.46	84.80695	29.6858	84.05612	82.57895	60.61257	0.126013	39.26142	15.37531	23.88611	35.00859	1
1692.115	1691.965	1089.465	83.8929	35.36053	83.03597	82.19537	60.90245	0	39.09755	18.32545	20.77211	34.7016	1
1692.12	1691.97	1089.47	81.53431	46.3237	79.96737	77.80465	65.92193	0	34.07807	16.48199	17.59608	33.34616	1
1692.125	1691.975	1089.475	76.32748	31.01123	75.2502	73.26704	70.62289	0	29.37711	11.80569	17.57142	33.25995	1
1692.13	1691.98	1089.48	74.13212	34.97423	73.0222	71.71641	71.93657	0	28.06343	4.299199	23.76423	33.03164	1
1692.135	1691.985	1089.485	72.97324	39.80974	71.74906	69.87199	72.71804	0	27.28196	23.55972	3.72224	33.10362	1
1692.14	1691.99	1089.49	72.50805	35.1807	71.43893	70.17395	73.06451	0	26.93549	23.46426	3.471235	32.98572	1
1692.145	1691.995	1089.495	73.37313	42.24748	72.11631	70.17395	72.0132	0	27.9868	20.34824	7.638562	33.1335	1
1692.15	1692	1089.5	73.55268	31.72391	72.74472	70.42695	70.91602	0	29.08398	22.92621	6.157769	33.29588	1
1692.155	1692.005	1089.505	75.20124	44.9583	73.61797	71.87148	72.20529	0	27.79471	13.81842	13.97629	32.99254	1
1692.16	1692.01	1089.51	76.22139	33.63547	75.33182	73.78119	68.6307	0	31.3693	24.21822	7.151075	33.36509	1
1692.165	1692.015	1089.515	78.1311	39.7831	77.44556	75.72355	63.80481	0	36.19519	21.49329	14.70191	34.0305	1
1692.17	1692.02	1089.52	81.24051	52.3248	79.77966	78.37594	63.91773	0	36.08227	17.80479	18.27748	33.48758	1
1692.175	1692.025	1089.525	82.24434	74.63743	80.759	77.69856	57.7843	0.476529	41.73917	23.83889	17.90028	33.83897	1
1692.18	1692.03	1089.53	82.08927	65.95216	80.75084	79.18389	58.89031	0.244543	40.86515	15.23494	25.63021	33.90526	1
1692.185	1692.035	1089.535	80.32646	50.89279	79.71437	76.62944	58.52729	0.670303	40.80241	23.39526	17.40715	34.27196	1
1692.19	1692.04	1089.54	80.67739	64.26039	79.54299	79.61644	59.01742	0.36905	40.61353	18.87266	21.74087	33.55387	1
1692.195	1692.045	1089.545	79.11044	56.19454	78.14742	75.64194	61.08271	0	38.91729	26.09588	12.8214	34.33703	1
1692.2	1692.05	1089.55	80.87326	81.64427	80.32646	78.91458	50.07638	3.057168	46.86645	27.98096	18.88549	32.15897	4
1692.205	1692.055	1089.555	84.45602	56.91387	84.11325	83.68887	51.18377	3.100816	45.71541	22.21443	23.50098	32.73455	4
1692.21	1692.06	1089.56	88.01429	102.2452	86.72483	86.75747	44.27689	4.173647	51.54946	22.63099	28.91847	31.37928	4
1692.215	1692.065	1089.565	87.43485	68.58971	86.64321	83.17471	49.0964	3.469003	47.4346	32.51609	14.91851	33.00476	4
1692.22	1692.07	1089.57	87.23082	70.42801	85.76181	82.66056	54.08892	1.220571	44.69051	16.88014	27.81038	33.65965	4
1692.225	1692.075	1089.575	85.74548	69.22246	84.57844	79.80414	53.40695	1.763747	44.8293	26.71807	18.11123	33.76583	4
1692.23	1692.08	1089.58	82.38308	78.82688	82.1464	79.86127	46.96569	4.160454	48.87386	28.57149	20.30237	32.09565	4
1692.235	1692.085	1089.585	83.05229	73.49183	84.10509	88.03878	37.64772	7.875594	54.47668	22.2941	32.18258	30.32972	4
1692.24	1692.09	1089.59	81.11809	59.17178	80.50601	78.57997	55.79547	1.440502	42.76403	12.10939	30.65464	33.48849	4
1692.245	1692.095	1089.595	82.22802	66.49166	81.25683	81.17522	55.78589	1.278467	42.93564	24.66538	18.27026	33.08828	4
1692.25	1692.1	1089.6	85.22317	85.03446	85.44352	84.34176	39.30862	7.109635	53.58175	36.62111	16.96064	31.24932	4
1692.255	1692.105	1089.605	85.19869	47.62249	84.7743	85.09259	53.38152	2.488074	44.1304	24.23126	19.89914	33.10577	4
1692.26	1692.11	1089.61	83.50116	66.76474	83.67254	85.15788	45.69363	4.955808	49.35056	21.94299	27.40756	31.51245	4
1692.265	1692.115	1089.615	85.31294	47.59585	85.05995	82.64424	51.95462	3.078728	44.96665	15.13528	29.83137	33.39517	4
1692.27	1692.12	1089.62	85.34559	44.49206	84.47234	81.67305	57.48264	0.90772	41.60964	19.7774	21.83224	34.44593	4
1692.275	1692.125	1089.625	82.66872	75.96287	82.13008	80.13059	49.73621	3.21735	47.04644	19.27391	27.77253	32.42874	4
1692.28	1692.13	1089.63	84.83143	78.13419	83.95819	84.29279	49.81427	3.028706	47.15703	32.22254	14.93448	32.10382	4
1692.285	1692.135	1089.635	83.30529	54.93571	82.37492	79.63276	57.27509	0.878577	41.84633	22.00101	19.84532	34.102	4
1692.29	1692.14	1089.64	85.49249	47.1829	84.99466	84.14589	53.78685	2.329316	43.88384	19.34739	24.53645	33.40836	4
1692.295	1692.145	1089.645	85.1334	46.44359	84.82327	85.52513	52.8414	2.748178	44.41043	21.53533	22.8751	32.96326	4
1692.3	1692.15	1089.65	84.61108	71.05409	83.69703	83.88473	52.04662	2.364595	45.58878	28.8811	16.70769	32.53734	4
1692.305	1692.155	1089.655	85.54145	71.60691	85.24765	85.77813	46.24996	4.656785	49.09326	29.67344	19.41981	31.76786	4
1692.31	1692.16	1089.66	85.38639	65.1529	85.27214	86.69218	46.56301	4.743763	48.69323	33.21487	15.47836	31.7236	4
1692.315	1692.165	1089.665	88.02245	64.85318	88.59374	91.62154	38.89743	8.494782	52.60779	30.55225	22.05553	30.79343	4
1692.32	1692.17	1089.67	85.38639	75.73642	85.31294	89.7363	43.68555	5.591392	50.72306	18.19925	32.52381	30.71738	4
1692.325	1692.175	1089.675	83.81945	87.29236	82.82378	81.02832	49.47776	3.008555	47.51369	29.46563	18.04806	32.2431	4
1692.33	1692.18	1089.68	85.76181	59.4382	85.23133	85.19869	50.82629	3.147052	46.02666	26.24642	19.78024	32.64195	4
1692.335	1692.185	1089.685	87.28795	60.89685	87.36956	88.08774	44.32556	5.995027	49.67941	16.29242	33.387	31.73874	4

1692.34	1692.19	1089.69	88.19384	90.86905	88.56925	88.56925	33.9619	9.598019	56.44008	36.81042	19.62967	30.78177	4
1692.345	1692.195	1089.695	82.987	95.23167	83.60725	83.44403	35.79896	7.995094	56.20595	29.24397	26.96198	30.67087	4
1692.35	1692.2	1089.7	77.49453	38.94388	76.66209	75.16859	65.73203	0	34.26797	19.63763	14.63034	33.66762	4
1692.355	1692.205	1089.705	77.05383	44.87837	76.17242	75.16859	65.08082	0	34.91918	16.2649	18.65427	33.576	4
1692.36	1692.21	1089.71	78.12294	53.92998	76.91509	74.7687	64.43672	0	35.56328	6.183674	29.37961	33.70312	4
1692.365	1692.215	1089.715	77.92707	52.76439	76.47438	74.43409	66.79646	0	33.20354	5.579409	27.62413	33.3395	4
1692.37	1692.22	1089.72	76.56415	48.27522	75.31549	74.3688	67.5555	0	32.4445	23.98732	8.45718	33.18029	4
1692.375	1692.225	1089.725	82.70136	39.8164	82.2933	80.87326	57.44163	1.153213	41.40515	30.08665	11.31851	34.101	4
1692.38	1692.23	1089.73	80.8651	50.04691	80.78349	82.02399	54.12525	2.120453	43.7543	16.2333	27.521	32.78781	4
1692.385	1692.235	1089.735	81.5588	49.14108	81.3058	79.29815	55.03449	1.836822	43.12869	15.90048	27.22821	33.58121	4
1692.39	1692.24	1089.74	84.15405	71.48036	84.45602	85.468	42.9398	5.962061	51.09813	35.29873	15.79941	31.29102	4
1692.395	1692.245	1089.745	84.01531	66.91127	84.40705	84.52947	43.47742	5.87029	50.65228	32.97874	17.67354	31.56601	4
1692.4	1692.25	1089.75	84.04796	73.22541	85.03546	87.54094	37.30218	8.203935	54.49388	20.05253	34.44136	30.6003	4
1692.405	1692.255	1089.755	85.05178	62.52201	86.40654	90.51978	36.12267	9.317388	54.55994	38.38762	16.17232	30.40897	4
1692.41	1692.26	1089.76	81.89341	42.28744	81.59144	82.34227	56.76472	1.351157	41.88412	23.64897	18.23515	33.49515	4
1692.415	1692.265	1089.765	83.28897	47.84895	82.36676	79.97553	58.94186	0.419019	40.63912	26.27704	14.36208	34.45913	4
1692.42	1692.27	1089.77	85.468	69.43559	85.16604	81.82812	46.90624	4.455057	48.6387	26.42095	22.21775	32.58356	4
1692.425	1692.275	1089.775	90.40552	63.55438	91.55625	94.48611	32.52863	12.4912	54.98017	20.34413	34.63604	30.46251	4
1692.43	1692.28	1089.78	91.74395	55.67502	92.0704	93.11503	39.59224	9.224538	51.18322	27.7422	23.44102	31.37279	4
1692.435	1692.285	1089.785	90.48713	67.3775	90.50345	87.5083	40.31999	7.869973	51.81004	20.67255	31.13749	32.06138	4
1692.44	1692.29	1089.79	89.14054	52.52461	88.7488	88.07142	48.31571	4.530158	47.15413	26.79238	20.36175	32.66172	4
1692.445	1692.295	1089.795	88.72432	70.5812	88.3081	88.37338	44.51869	5.470916	50.0104	31.19923	18.81116	31.82462	4
1692.45	1692.3	1089.8	90.11988	66.92459	89.17318	88.55293	48.23086	3.722138	48.047	15.25259	32.79441	32.53727	4
1692.455	1692.305	1089.805	92.3234	57.13367	91.75211	90.45449	45.66357	5.577776	48.75866	24.84177	23.91688	32.51499	4
1692.46	1692.31	1089.81	90.25046	79.24649	90.87071	95.6858	32.98499	11.10531	55.90969	37.84369	18.06601	30.00476	4
1692.465	1692.315	1089.815	90.19333	65.58583	89.30376	88.50396	48.04453	3.885921	48.06955	22.37126	25.69829	32.56239	4
1692.47	1692.32	1089.82	89.47514	81.74418	89.17318	87.55727	40.241	7.009165	52.74984	37.10856	15.64127	31.62147	4
1692.475	1692.325	1089.825	91.62154	102.032	90.50345	87.55727	39.68157	5.92437	54.39406	30.82654	23.56752	31.73496	4
1692.48	1692.33	1089.83	85.59042	72.52606	85.72916	86.52896	42.63027	6.166041	51.20369	32.08961	19.11408	31.34111	4
1692.485	1692.335	1089.835	89.80975	95.06515	89.35273	91.14003	37.91121	7.44577	54.64302	19.89147	34.75154	30.6856	4
1692.49	1692.34	1089.84	91.03393	59.99102	91.00129	92.93549	41.98395	7.472229	50.54382	19.68236	30.86146	31.39883	4
1692.495	1692.345	1089.845	92.41317	66.01876	92.34788	91.24612	39.50934	8.542835	51.94783	28.70467	23.24316	31.70321	4
1692.5	1692.35	1089.85	88.78144	51.22582	88.16936	87.33691	50.66811	3.447206	45.88468	18.67077	27.21391	33.03242	4
1692.505	1692.355	1089.855	89.38537	37.60512	89.6955	91.05841	46.26155	6.440348	47.2981	23.25408	24.04402	32.17122	4
1692.51	1692.36	1089.86	85.21501	57.63321	85.30478	86.22699	46.95922	4.828198	48.21259	32.87225	15.34034	31.95921	4
1692.515	1692.365	1089.865	88.32442	55.68834	89.22215	92.08672	38.30755	9.34732	52.34513	28.73551	23.60962	30.88139	4
1692.52	1692.37	1089.87	88.26729	46.33702	88.29177	88.90386	47.39079	5.291271	47.31794	17.54195	29.77599	32.33061	4
1692.525	1692.375	1089.875	85.74548	64.21377	84.84775	83.0931	52.53183	2.279949	45.18822	20.3857	24.80252	33.14226	4
1692.53	1692.38	1089.88	85.25581	43.85266	84.99466	84.07244	52.97628	2.777366	44.24635	18.2599	25.98645	33.32586	4
1692.535	1692.385	1089.885	86.36573	51.35237	85.80261	86.03929	52.48044	2.710558	44.809	31.52427	13.28473	32.98517	4
1692.54	1692.39	1089.89	84.76614	33.22918	84.85592	86.46367	53.27795	2.982563	43.73949	20.06714	23.67235	33.03866	4
1692.545	1692.395	1089.895	81.98318	52.25153	82.04031	82.57895	51.48786	3.040622	45.47152	14.20427	31.26725	32.55023	4
1692.55	1692.4	1089.9	83.57461	64.95974	84.65189	85.95768	39.04221	7.665862	53.29193	35.35305	17.93888	31.02773	4
1692.555	1692.405	1089.905	85.78629	36.20642	85.81893	84.74166	52.06166	3.449089	44.48925	31.06373	13.42552	33.34301	4
1692.56	1692.41	1089.91	88.88754	43.19993	89.14054	90.65035	45.80836	6.298958	47.89268	27.00579	20.8869	32.01565	1
1692.565	1692.415	1089.915	90.00562	21.44677	90.07091	90.82174	51.49872	4.703113	43.79817	13.43769	30.36048	33.23817	1
1692.57	1692.42	1089.92	91.32773	27.04158	91.41751	92.4703	48.73868	5.958479	45.30284	33.72143	11.58141	32.72557	1
1692.575	1692.425	1089.925	90.16884	25.67618	90.55242	91.36854	47.85832	6.422052	45.71963	28.68756	17.03207	32.6217	1
1692.58	1692.43	1089.93	91.45831	22.33262	91.46647	92.49478	50.39061	5.356502	44.25289	27.8486	16.40429	33.03701	1
1692.585	1692.435	1089.935	91.93166	23.49154	92.18466	93.53125	47.7772	6.840002	45.3828	18.66051	26.7223	32.56401	1
1692.59	1692.44	1089.94	92.08672	25.76277	92.50294	92.80491	45.81992	7.857675	46.32241	25.38935	20.93306	32.45709	1
1692.595	1692.445	1089.945	93.02526	23.03863	93.40883	94.76359	45.8687	8.192056	45.93924	27.67695	18.26229	32.29784	1
1692.6	1692.45	1089.95	92.78858	18.82254	92.91916	93.86586	49.06746	6.517999	44.41454	13.66395	30.75059	32.89073	1
1692.605	1692.455	1089.955	92.6172	18.97573	92.58455	93.18848	50.45305	5.644725	43.90223	31.66451	12.23772	33.1828	1
1692.61	1692.46	1089.96	92.71513	19.89488	92.73962	92.27443	49.69777	6.037766	44.26447	19.67525	24.58922	33.24794	1
1692.615	1692.465	1089.965	92.60904	26.70856	92.96813	93.68631	45.55325	8.020897	46.42585	27.84492	18.58094	32.34343	1
1692.62	1692.47	1089.97	93.164	25.73613	93.35171	93.36803	46.60625	7.514388	45.87936	25.50073	20.37863	32.64091	1
1692.625	1692.475	1089.975	92.53559	20.08803	92.25811	92.08672	52.15643	4.529974	43.3136	23.45545	19.85815	33.61843	1
1692.63	1692.48	1089.98	92.00511	19.68174	92.15201	92.20914	49.45383	6.142147	44.40402	25.70228	18.70174	33.09524	1
1692.635	1692.485	1089.985	91.85821	19.43531	91.93982	92.05408	50.15461	5.734017	44.11137	16.78591	27.32546	33.19892	1
1692.64	1692.49	1089.99	92.51927	28.65342	91.98063	91.93982	52.12259	3.899832	43.97758	31.28773	12.68984	33.52609	1
1692.645	1692.495	1089.995	92.911	33.15591	92.55191	92.90284	49.28111	5.239905	45.47898	30.52625	14.95274	32.94754	1
1692.65	1692.5	1090	94.26576	39.07043	93.94747	92.4703	46.28718	6.615379	47.09744	27.12032	19.97713	32.82716	1
1692.655	1692.505	1090.005	93.44148	27.04824	93.39251	92.81307	47.86766	6.629889	45.50245	26.47591	19.02654	32.94468	1
1692.66	1692.51	1090.01	93.90667	31.61068	93.10687	92.4703	52.1545	3.546655	44.29884	20.54444	23.7544	33.68969	1
1692.665	1692.515	1090.015	94.59221	35.48708	94.13518	93.43332	47.92925	5.863258	46.20749	19.75361	26.45388	32.97132	1
1692.67	1692.52	1090.02	95.71029	35.12742	95.6858	95.22062	43.63545	8.847674	47.51688	28.30235	19.21453	32.30224	1
1692.675	1692.525	1090.025	95.14717	28.18053	95.26958	95.30223	44.69618	8.76388	46.53994	15.5388	31.00114	32.37425	1
1692.68	1692.53	1090.03	95.43281	22.65898	95.40016	96.36318	46.97134	7.762411	45.26625	18.32198	26.94427	32.57886	1
1692.685	1692.535	1090.035	95.05739	22.26601	95.26142	94.82888	45.57759	8.735871	45.68653	28.32586	17.36068	32.60982	1
1692.69	1692.54	1090.04	95.16349	23.30505	95.62051	96.38767	43.26782	10.26283	46.46935	15.71766	30.75169	32.04611	1
1692.695	1692.545	1090.045	97.20378	27.40125	97.23643	97.31804	43.68842	9.787038	46.52454	25.07832	21.44622	32.24127	1
1692.7	1692.55	1090.05	98.10967	31.05786	98.20761	97.30172	41.46411	11.17831	47.35758	29.81933	17.53826	32.10279	1

1692.705	1692.555	1090.055	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1693.005	1692.855	1090.355	91.36038	35.41382	91.15635	90.87887	48.95954	5.247748	45.79271	19.20583	26.58689	32.93451	1
1693.01	1692.86	1090.36	91.45015	59.29167	91.18899	89.27111	43.54125	6.657489	49.80126	26.62482	23.17644	32.30113	1
1693.015	1692.865	1090.365	89.58124	48.56828	89.92401	87.81026	43.17527	7.431755	49.39297	29.6071	19.78588	32.33522	1
1693.02	1692.87	1090.37	89.46698	55.24209	90.25046	85.04362	38.24987	9.636679	52.11345	21.612	30.50145	32.37867	1
1693.025	1692.875	1090.375	90.33207	54.84912	89.35273	84.29279	51.21091	2.853197	45.93589	23.87239	22.06351	33.94346	1
1693.03	1692.88	1090.38	88.85489	58.11942	88.00613	82.80746	50.76651	3.051561	46.18193	20.92131	25.26062	33.77327	1
1693.035	1692.885	1090.385	89.10789	76.82207	87.23898	82.66056	53.91386	0.637965	45.44818	28.79873	16.64945	33.96519	1
1693.04	1692.89	1090.39	86.03929	52.19825	85.14156	83.15839	55.16929	1.556886	43.27383	24.15977	19.11405	33.80351	1
1693.045	1692.895	1090.395	84.98649	33.73537	84.2275	81.67305	59.53064	0.429297	40.04007	25.69573	14.34434	34.92888	1
1693.05	1692.9	1090.4	86.54528	47.9755	86.73299	87.07576	47.31354	5.133836	47.55262	19.30606	28.24656	32.28519	1
1693.055	1692.905	1090.405	82.15456	21.17369	82.13008	80.759	59.48351	0.779557	39.73693	14.94081	24.79611	34.74845	1
1693.06	1692.91	1090.41	83.94186	43.71945	83.42771	83.58277	56.17808	1.51397	42.30795	28.02288	14.28508	33.58669	1
1693.065	1692.915	1090.415	89.7363	139.3441	89.55676	88.55293	25.11282	11.51512	63.37207	39.89953	23.47253	30.38443	1
1693.07	1692.92	1090.42	89.64653	97.14989	90.91967	97.99542	24.14805	14.68357	61.16838	39.21423	21.95414	29.30029	1
1693.075	1692.925	1090.425	89.03444	62.12238	89.85056	92.49478	36.72978	9.937308	53.33291	37.38524	15.94767	30.74984	1
1693.08	1692.93	1090.43	88.3081	46.73665	88.24281	88.87122	47.95228	4.998516	47.04921	34.22852	12.82069	32.39475	1
1693.085	1692.935	1090.435	88.21832	49.3742	88.54477	90.74013	44.36062	6.622807	49.01657	19.16332	29.85326	31.62794	1
1693.09	1692.94	1090.44	87.04311	46.21713	87.64704	90.32391	44.05535	6.777611	49.16704	29.69017	19.47686	31.5131	1
1693.095	1692.945	1090.445	85.721	44.4188	85.70468	87.85923	50.51383	3.810657	45.67551	22.32173	23.35378	32.39555	1
1693.1	1692.95	1090.45	86.61057	32.92946	86.62689	86.90437	52.22285	3.549789	44.22736	23.18584	21.04152	33.18997	1
1693.105	1692.955	1090.455	90.48713	50.63303	90.46265	91.45831	44.68839	6.566998	48.74461	25.1196	23.62501	31.94215	1
1693.11	1692.96	1090.46	86.89621	58.40582	87.5083	81.04464	41.17759	7.544798	51.27761	25.07501	26.20261	32.77293	1
1693.115	1692.965	1090.465	86.59425	57.65319	87.84291	85.39455	36.7041	9.644218	53.65168	20.71933	32.93236	31.7169	1
1693.12	1692.97	1090.47	88.23464	75.48332	88.32442	83.20736	39.86142	7.489749	52.64883	26.7426	25.90623	32.25152	1
1693.125	1692.975	1090.475	88.93651	44.925	89.14054	88.58558	45.72534	6.249255	48.02541	30.39177	17.63364	32.36488	1
1693.13	1692.98	1090.48	88.03878	55.75495	88.46316	88.43867	42.22267	7.326405	50.45092	24.98396	25.46697	31.7377	1
1693.135	1692.985	1090.485	88.46316	65.30609	88.3081	90.23413	44.01155	5.986969	50.00148	35.85727	14.14421	31.4676	1
1693.14	1692.99	1090.49	88.8957	42.96681	88.56925	86.80644	50.34795	4.026416	45.62563	31.9014	13.72423	33.24848	1
1693.145	1692.995	1090.495	91.41751	46.47023	91.36854	91.45015	45.02959	6.70852	48.26189	17.1356	31.12628	32.21871	1
1693.15	1693	1090.5	93.38435	85.64722	93.94747	96.56721	28.99558	13.58298	57.42144	33.5071	23.91434	30.23238	1
1693.155	1693.005	1090.505	93.77609	87.23242	94.0046	94.1515	30.84478	12.29932	56.85591	36.63197	20.22394	30.75752	1
1693.16	1693.01	1090.51	92.60088	77.82781	93.78425	97.99542	26.80174	15.49715	57.70111	42.19225	15.50886	29.92779	1
1693.165	1693.015	1090.515	87.81026	48.00214	88.13671	88.62638	45.06807	6.302176	48.62975	27.22243	21.40732	32.02688	1
1693.17	1693.02	1090.52	80.37543	33.80198	80.26117	79.87759	58.76002	0.777897	40.46209	23.36181	17.10028	34.12092	1
1693.175	1693.025	1090.525	79.71437	31.73723	79.76334	79.63276	58.60287	0.829907	40.56722	20.23435	20.33287	34.04959	1
1693.18	1693.03	1090.53	80.67739	27.09487	80.40807	79.6654	61.30706	0.025846	38.66709	22.39594	16.27115	34.81128	1
1693.185	1693.035	1090.535	84.47234	38.69744	84.48866	85.55778	52.79417	2.993414	44.21242	22.99868	21.21374	32.96379	1
1693.19	1693.04	1090.54	82.51366	58.55235	82.19537	76.56415	52.38448	2.608007	45.00751	15.55068	29.45683	33.73125	1
1693.195	1693.045	1090.545	81.13442	39.09041	81.61593	81.38741	52.16476	2.980924	44.85432	15.65581	29.19851	32.96728	1
1693.2	1693.05	1090.55	84.16222	54.2297	84.21118	83.3461	49.06768	4.013781	46.91854	15.03367	31.88487	32.54807	1
1693.205	1693.055	1090.555	84.78246	33.62215	84.65189	85.50881	54.87556	2.315549	42.80889	17.23039	25.5785	33.42892	1
1693.21	1693.06	1090.56	83.77048	38.98384	83.65622	82.91355	54.38256	2.329557	43.28788	31.65907	11.62882	33.5139	1
1693.215	1693.065	1090.565	85.45984	52.41138	85.03546	88.03878	51.98235	2.906924	45.11073	14.45751	30.65322	32.3286	1
1693.22	1693.07	1090.57	85.92503	36.59938	85.38639	84.29279	56.26637	1.637121	42.09651	12.23483	29.86169	34.0473	1
1693.225	1693.075	1090.575	88.14487	33.32242	87.98981	88.58558	52.04443	3.676838	44.27874	30.78186	13.49688	33.15811	1
1693.23	1693.08	1090.58	89.47514	60.09093	89.22215	89.87504	45.10159	5.741937	49.15648	20.52416	28.63232	31.9248	1
1693.235	1693.085	1090.585	92.29075	69.5688	92.48662	93.18848	36.73888	9.922669	53.33845	28.19136	25.1471	31.09474	1
1693.24	1693.09	1090.59	91.58073	67.29092	91.95614	93.40883	36.55187	10.12199	53.32614	18.72311	34.60303	30.94488	1
1693.245	1693.095	1090.595	91.47463	50.68632	92.03776	94.24944	39.21306	9.78407	51.00287	25.46238	25.54049	31.14688	1
1693.25	1693.1	1090.6	89.26295	45.30464	89.3364	89.83424	46.34512	5.935844	47.71904	31.04092	16.67812	32.25388	1
1693.255	1693.105	1090.605	90.12804	59.19842	91.32773	93.49861	33.45856	12.18989	54.35155	32.29485	22.0567	30.67571	1
1693.26	1693.11	1090.61	91.16451	65.36603	91.85005	92.71513	34.99714	11.10709	53.89577	30.25073	23.64504	30.95596	1
1693.265	1693.115	1090.615	90.67484	72.95233	91.99695	92.58455	28.67832	14.12434	57.19734	31.37495	25.8224	30.68894	1
1693.27	1693.12	1090.62	89.18134	72.13309	90.17701	90.56058	32.78056	11.45944	55.75999	35.40994	20.35006	30.8627	1
1693.275	1693.125	1090.625	83.69703	46.80325	83.86025	82.56262	50.40736	3.666749	45.92589	22.60061	23.32527	32.89785	1
1693.28	1693.13	1090.63	81.18338	57.93959	81.61593	82.32595	47.9377	4.14049	47.92181	23.90549	24.01632	31.938	1
1693.285	1693.135	1090.635	82.88091	55.20879	83.40323	85.51697	46.34109	4.951266	48.70764	16.44335	32.26429	31.61264	1
1693.29	1693.14	1090.64	81.33029	37.53185	81.22419	80.74268	56.91567	1.369076	41.71526	14.20945	27.50581	33.79367	1
1693.295	1693.145	1090.645	78.46571	22.79885	78.21271	77.91075	64.25495	0	35.74505	14.51991	21.22514	34.08282	1
1693.3	1693.15	1090.65	79.16757	35.59365	78.81664	78.48203	61.27188	0	38.72812	15.40032	23.3278	34.42473	1
1693.305	1693.155	1090.655	80.29381	39.88301	79.82047	77.86178	60.14645	0.261995	39.59155	14.30824	25.28331	34.5541	1
1693.31	1693.16	1090.66	82.12192	55.35532	81.58328	80.3591	55.22629	1.662099	43.11161	17.4817	25.62991	33.38382	1
1693.315	1693.165	1090.665	81.81996	57.45337	81.50983	81.02832	53.22539	2.328981	44.44563	21.50184	22.94378	32.88358	1
1693.32	1693.17	1090.67	82.38308	28.65342	82.17905	82.03215	58.85467	0.864898	40.28043	21.54985	18.73059	34.28657	1
1693.325	1693.175	1090.675	84.72534	22.52577	84.34992	83.54197	59.51091	0.776262	39.71282	19.28994	20.42289	34.75393	1
1693.33	1693.18	1090.68	86.5616	21.68655	86.60241	87.75313	54.79893	2.853389	42.34768	16.58602	25.76165	33.60176	1
1693.335	1693.185	1090.685	86.03929	18.65603	86.19435	87.04311	55.12736	2.795959	42.07668	15.76323	26.31345	33.7357	1
1693.34	1693.19	1090.69	86.90437	21.04048	86.88805	87.57359	55.08268	2.769771	42.14755	26.43585	15.7117	33.75966	1
1693.345	1693.195	1090.695	87.46749	21.40015	87.58175	87.82659	53.46558	3.537557	42.99686	20.29929	22.69758	33.57477	1
1693.35	1693.2	1090.7	88.18568	24.49728	88.15303	87.42669	53.19383	3.560172	43.246	31.59871	11.64728	33.69697	1
1693.355	1693.205	1090.705	89.23847	25.80939	89.20583	87.92452	51.90773	4.18419	43.90808	25.33628	18.5718	33.60603	1
1693.36	1693.21	1090.71	88.75696	26.86175	88.51212	89.36905	53.74053	3.188625	43.07085	20.84592	22.22493	33.4955	1

1693.365	1693.215	1090.715	91.24612	32.17682	91.28693	93.09871	47.95053	6.039666	46.0098	26.9244	19.0854	32.41493	1
1693.37	1693.22	1090.72	91.64602	25.97591	91.70315	92.75594	48.95675	5.934191	45.10906	21.02759	24.08147	32.7696	1
1693.375	1693.225	1090.725	88.47132	34.58126	88.76512	90.18517	47.96075	5.641099	46.39815	25.65289	20.74526	32.38842	1
1693.38	1693.23	1090.73	88.31626	43.70613	88.50396	90.78909	46.71743	5.761853	47.52072	33.01364	14.50708	31.95803	1
1693.385	1693.235	1090.735	90.03827	43.18661	90.48713	91.93982	43.23493	7.797393	48.96767	30.42115	18.54653	31.74015	1
1693.39	1693.24	1090.74	88.8957	47.82897	89.40985	92.86203	42.65665	7.656927	49.68642	31.92638	17.76005	31.24145	1
1693.395	1693.245	1090.745	88.72432	33.30244	88.65903	88.34074	50.82043	4.298713	44.88086	24.90319	19.97767	33.1528	1
1693.4	1693.25	1090.75	89.71182	24.81032	89.70366	89.10789	51.52428	4.466448	44.00927	26.4142	17.59508	33.44169	1
1693.405	1693.255	1090.755	87.49198	26.64195	87.81026	86.15354	50.59331	4.655483	44.75121	23.31973	21.43147	33.40013	1
1693.41	1693.26	1090.76	92.31524	43.73943	92.60088	94.20047	42.27132	8.616877	49.1118	26.26314	22.84867	31.63834	1
1693.415	1693.265	1090.765	92.70697	60.97011	92.83755	87.09208	38.94283	9.309013	51.74816	19.62472	32.12344	32.53894	1
1693.42	1693.27	1090.77	92.52743	38.01141	92.43765	93.96379	46.37175	6.607241	47.02101	27.41638	19.60463	32.22946	1
1693.425	1693.275	1090.775	94.32289	31.63732	94.21679	95.89799	46.38895	7.224693	46.38636	25.84271	20.54365	32.28907	1
1693.43	1693.28	1090.78	94.62485	35.48042	94.64933	94.68198	44.16913	8.361729	47.46914	15.90954	31.5596	32.25746	1
1693.435	1693.285	1090.785	95.2451	42.01436	95.66948	97.12217	38.91808	11.41472	49.6672	21.57702	28.09018	31.32092	1
1693.44	1693.29	1090.79	94.02092	43.97921	94.8044	96.83653	36.78586	12.43273	50.7814	27.40261	23.37879	30.99639	1
1693.445	1693.295	1090.795	93.91483	54.59602	95.0982	97.65265	31.21499	15.16783	53.61718	29.31333	24.30385	30.45924	1
1693.45	1693.3	1090.8	94.08621	61.9492	95.25326	97.75874	29.40435	15.7441	54.85155	26.04094	28.81062	30.35287	1
1693.455	1693.305	1090.805	94.33105	58.01952	94.59221	95.44913	37.15074	10.90248	51.94678	32.72928	19.2175	31.19388	1
1693.46	1693.31	1090.81	95.63684	37.26543	95.23694	97.13033	46.09508	6.904459	47.00046	15.8586	31.14186	32.22193	1
1693.465	1693.315	1090.815	95.57971	35.36719	95.75925	97.35068	42.11633	9.888258	47.99542	26.67573	21.31969	31.70312	1
1693.47	1693.32	1090.82	94.89417	52.34478	95.63684	97.0324	34.27425	13.55311	52.17264	25.22834	26.9443	30.86719	1
1693.475	1693.325	1090.825	92.3234	28.32706	92.20914	91.70315	49.09282	5.718287	45.1889	15.97346	29.21544	33.08052	1
1693.48	1693.33	1090.83	93.42516	51.82526	94.28208	95.75925	34.86598	12.82504	52.30898	24.21534	28.09364	30.91225	1
1693.485	1693.335	1090.835	92.89468	44.1657	92.65801	92.23362	45.68302	6.550023	47.76696	28.92421	18.84274	32.46197	1
1693.49	1693.34	1090.84	94.78807	46.61676	95.04923	95.38384	39.48974	10.47919	50.03106	35.19392	14.83714	31.57429	1
1693.495	1693.345	1090.845	93.22929	50.73294	92.75594	92.40501	45.62013	6.059462	48.3204	22.58143	25.73897	32.40992	1
1693.5	1693.35	1090.85	87.07576	34.72113	86.85541	87.20634	53.19552	3.049635	43.75485	25.77643	17.97842	33.32706	1
1693.505	1693.355	1090.855	83.28897	32.58311	83.14207	81.19154	56.62752	1.61858	41.7539	24.29636	17.45754	34.19263	1
1693.51	1693.36	1090.86	86.21067	60.78362	86.30861	82.16273	45.21756	5.525104	49.25734	21.15404	28.10329	32.68456	1
1693.515	1693.365	1090.865	86.53712	41.4682	87.02679	85.05995	46.5556	5.757781	47.68662	22.87356	24.81306	32.69709	1
1693.52	1693.37	1090.87	85.85158	59.35161	85.45984	85.41088	49.68942	3.628552	46.68203	18.5262	28.15584	32.48122	1
1693.525	1693.375	1090.875	81.87708	53.1507	80.94671	78.48203	59.02102	0.401742	40.57724	9.397496	31.17974	34.29441	1
1693.53	1693.38	1090.88	85.24765	48.11537	85.20685	84.29279	50.24449	3.774406	45.98111	31.05638	14.92473	32.84822	1
1693.535	1693.385	1090.885	88.84673	50.25339	89.1487	87.98981	43.75947	6.945518	49.29501	28.02172	21.27329	32.18367	1
1693.54	1693.39	1090.89	89.37721	42.68707	89.18134	87.68785	48.96068	4.746115	46.29321	28.8281	17.46511	33.01072	1
1693.545	1693.395	1090.895	90.26678	79.80597	90.07907	86.92886	39.09625	7.73416	53.16959	24.77389	28.3957	31.84988	1
1693.55	1693.4	1090.9	90.8299	54.75588	91.0829	91.42567	41.22485	8.239938	50.53522	17.04106	33.49416	31.64284	1
1693.555	1693.405	1090.905	89.85056	34.02178	89.92401	88.02245	48.53497	5.498584	45.96644	22.2227	23.74374	33.12763	1
1693.56	1693.41	1090.91	89.0426	45.06487	87.81026	85.39455	56.72573	0.803395	42.47087	18.64503	23.82585	34.45698	1
1693.565	1693.415	1090.915	90.43816	49.1211	90.30758	89.47514	45.92157	5.991339	48.08709	17.71953	30.36756	32.44416	1
1693.57	1693.42	1090.92	91.63786	44.40548	91.40118	88.96099	46.78127	5.861581	47.35715	23.99938	23.35777	32.94212	1
1693.575	1693.425	1090.925	90.44632	29.57257	90.1362	88.72432	52.03629	3.925892	44.03782	29.7823	14.25552	33.65871	1
1693.58	1693.43	1090.93	91.03393	27.34797	91.03393	91.51544	49.63058	5.410745	44.95868	22.19122	22.76746	32.9517	1
1693.585	1693.435	1090.935	91.62154	50.39992	91.70315	93.13135	42.87892	7.677995	49.44309	17.67912	31.76397	31.67686	1
1693.59	1693.44	1090.94	91.05841	28.40698	91.10738	91.46647	48.97227	5.709972	45.31775	26.40166	18.91609	32.86246	1
1693.595	1693.445	1090.945	89.76895	40.43583	89.81791	92.3642	47.2476	5.785609	46.96679	31.13253	15.83426	32.05807	1
1693.6	1693.45	1090.95	89.37721	44.84507	88.83857	91.44199	51.0949	3.543913	45.36118	27.23185	18.12934	32.55732	1
1693.605	1693.455	1090.955	86.8146	61.58954	87.49198	89.50779	39.97622	7.950031	52.07375	35.70306	16.37069	31.06412	1
1693.61	1693.46	1090.96	89.59756	95.97764	92.13569	93.80873	14.67317	20.20056	65.12627	39.79196	25.33431	30.73471	1
1693.615	1693.465	1090.965	92.63352	43.47967	93.18848	94.2576	39.95414	10.11489	49.93097	18.13276	31.79822	31.48431	1
1693.62	1693.47	1090.97	92.97629	24.53724	93.10687	93.6047	47.51181	7.028659	45.45953	15.84962	29.60991	32.68501	1
1693.625	1693.475	1090.975	93.2048	32.04361	92.91916	92.86203	48.71075	5.678167	45.61109	19.5458	26.06529	32.93897	1
1693.63	1693.48	1090.98	90.0301	35.01419	89.72814	89.23847	51.03909	4.121947	44.83896	26.63803	18.20093	33.25106	1
1693.635	1693.485	1090.985	91.70315	39.39013	91.65418	92.45398	46.48019	6.397068	47.12274	17.33976	29.78298	32.34246	1
1693.64	1693.49	1090.99	94.20047	61.9159	95.03291	95.57971	31.90051	14.06084	54.03865	36.69764	17.34101	30.83824	1
1693.645	1693.495	1090.995	94.02908	36.05989	94.73911	95.86535	39.26407	11.51997	49.21595	30.15313	19.06282	31.43745	1
1693.65	1693.5	1091	92.47846	42.27412	92.67433	93.31906	43.1715	8.205	48.6235	28.8449	19.7786	31.93312	1
1693.655	1693.505	1091.005	90.14436	63.67427	90.51978	91.09106	38.74855	8.936784	52.31466	18.76594	33.54872	31.27911	1
1693.66	1693.51	1091.01	90.44632	66.33181	91.31141	86.92886	34.03267	11.44253	54.5248	22.66085	31.86395	31.85368	1
1693.665	1693.515	1091.015	90.60955	82.64334	92.73146	89.85872	20.19475	18.43585	61.3694	41.26702	20.10238	31.31779	1
1693.67	1693.52	1091.02	89.28744	61.20323	90.75645	92.87836	31.65953	12.8066	55.53387	30.49533	25.03854	30.59535	1
1693.675	1693.525	1091.025	91.34405	32.14352	91.48279	93.00077	47.1095	6.530391	46.36011	19.9751	26.38501	32.34597	1
1693.68	1693.53	1091.03	93.54757	43.42639	93.68631	95.54706	42.35181	8.731691	48.9165	29.19937	19.71713	31.62129	1
1693.685	1693.535	1091.035	93.17216	45.71759	93.19664	93.90667	43.02821	8.074233	48.89756	19.25311	29.64445	31.89698	1
1693.69	1693.54	1091.04	92.89468	42.49392	92.86203	92.86203	44.50636	7.404934	48.0887	16.86621	31.22249	32.23139	1
1693.695	1693.545	1091.045	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1694	1693.85	1091.35	88.27545	35.42048	87.83475	87.85107	53.63028	2.813501	43.55621	13.33743	30.21879	33.50544	1
1694.005	1693.855	1091.355	84.63556	35.51372	84.2275	84.67637	56.70342	1.519305	41.77728	22.37224	19.40503	33.78162	1
1694.01	1693.86	1091.36	83.81128	44.7385	83.68071	83.90922	53.07889	2.684529	44.23658	13.27424	30.96234	33.03387	1
1694.015	1693.865	1091.365	82.83194	53.17734	82.03215	82.06479	57.12411	1.000009	41.87588	28.2019	13.67398	33.54673	1
1694.02	1693.87	1091.37	83.58277	72.05983	82.43204	81.82812	54.5835	1.479623	43.93687	16.11004	27.82684	32.97251	1
1694.025	1693.875	1091.375	79.7715	50.64635	79.42057	81.44454	57.07352	1.142057	41.78443	25.71647	16.06796	33.03152	1

1694.03	1693.88	1091.38	80.31014	49.24765	79.72253	80.66107	58.75068	0.61546	40.63386	12.39342	28.24044	33.58258	1
1694.035	1693.885	1091.385	80.70187	42.79364	80.22853	79.59195	59.06667	0.573272	40.36006	24.30971	16.05035	34.07212	1
1694.04	1693.89	1091.39	79.28183	41.30835	79.01251	79.11044	59.15132	0.567587	40.28109	20.04277	20.23832	33.89798	1
1694.045	1693.895	1091.395	79.78782	39.47006	79.71437	81.73834	57.61269	1.073116	41.31419	11.02439	30.2898	33.33105	1
1694.05	1693.9	1091.4	78.88193	36.55942	78.16375	78.531	64.14717	0	35.85283	18.68258	17.17025	33.64722	1
1694.055	1693.905	1091.405	78.45755	28.28709	77.84546	76.80083	65.71726	0	34.28274	25.31425	8.96849	33.80644	1
1694.06	1693.91	1091.41	77.0375	25.48969	76.46622	76.40093	67.38443	0	32.61557	23.67943	8.936132	33.37526	1
1694.065	1693.915	1091.415	77.7312	30.97793	77.26602	77.1844	64.59583	0	35.40417	21.11024	14.29393	33.74442	1
1694.07	1693.92	1091.42	78.22904	33.15591	77.87811	77.81282	62.72527	0	37.27473	24.95598	12.31875	34.06926	1
1694.075	1693.925	1091.425	79.20838	24.78368	79.02067	79.29815	62.58537	0	37.41463	17.88367	19.53096	34.31676	1
1694.08	1693.93	1091.43	79.90208	27.29468	79.79598	79.49402	60.70701	0.206951	39.08604	17.42362	21.66242	34.5585	1
1694.085	1693.935	1091.435	80.41623	26.34889	80.23669	80.3591	61.03212	0.122244	38.84564	13.52872	25.31692	34.58829	1
1694.09	1693.94	1091.44	80.43256	27.68099	80.3591	80.11427	59.87249	0.487321	39.64019	22.026	17.61419	34.4078	1
1694.095	1693.945	1091.445	79.91024	20.00811	79.54299	79.20022	64.48683	0	35.51317	10.67285	24.84032	34.19868	1
1694.1	1693.95	1091.45	80.18772	29.11966	79.73069	78.72687	62.72229	0	37.27771	24.29136	12.98635	34.44665	1
1694.105	1693.955	1091.455	81.72202	30.39181	81.73018	81.84444	57.39767	1.333649	41.26868	21.87199	19.39668	33.90294	1
1694.11	1693.96	1091.46	82.17089	27.62771	82.22802	81.50983	57.27414	1.449363	41.2765	16.45303	24.82347	34.10223	1
1694.115	1693.965	1091.465	82.70952	28.3204	82.66056	82.32595	57.4332	1.398643	41.16816	11.72449	29.44367	34.07364	1
1694.12	1693.97	1091.47	82.31779	46.97643	82.49733	82.61159	51.50786	3.157841	45.3343	17.72715	27.60715	32.72033	1
1694.125	1693.975	1091.475	74.09132	39.37015	73.5282	73.34865	66.6726	0	33.3274	20.56727	12.76012	33.21212	1
1694.13	1693.98	1091.48	73.6751	45.05154	73.46291	71.90412	62.96092	0	37.03908	21.65145	15.38764	33.83615	1
1694.135	1693.985	1091.485	73.49555	30.04546	73.08749	72.35299	68.27555	0	31.72445	13.93196	17.79249	33.19053	1
1694.14	1693.99	1091.49	72.86714	25.21661	72.75288	72.05102	67.7453	0	32.2547	6.053517	26.20118	33.20984	1
1694.145	1693.995	1091.495	75.7562	31.60402	75.71539	76.27851	62.97237	0	37.02763	7.67502	29.35261	33.7551	1
1694.15	1694	1091.5	76.09897	31.58404	75.65826	75.26653	65.76107	0	34.23893	10.04446	24.19447	33.53144	1
1694.155	1694.005	1091.505	75.29917	31.3043	74.9564	75.26653	65.80559	0	34.19441	17.52461	16.6698	33.35674	1
1694.16	1694.01	1091.51	75.14411	28.79995	74.62995	73.9689	67.88253	0	32.11747	10.22503	21.89244	33.30482	1
1694.165	1694.015	1091.515	76.32748	28.66674	76.17242	76.26219	64.0431	0	35.9569	9.499887	26.45701	33.7633	1
1694.17	1694.02	1091.52	76.303	26.52207	76.05	75.88678	65.34363	0	34.65637	15.81046	18.84591	33.63945	1
1694.175	1694.025	1091.525	76.42541	29.56591	75.84597	75.55217	67.02436	0	32.97564	19.80595	13.16969	33.38038	1
1694.18	1694.03	1091.53	76.95589	31.66396	76.40093	75.85413	65.83884	0	34.16116	11.906	22.25516	33.58185	1
1694.185	1694.035	1091.535	77.15176	42.31408	76.69473	76.94773	62.32233	0	37.67767	24.97223	12.70544	33.84041	1
1694.19	1694.04	1091.54	77.02118	37.6917	76.75186	76.75186	62.10634	0	37.89366	23.54509	14.34857	34.00616	1
1694.195	1694.045	1091.545	74.05867	41.13518	73.45474	73.63429	66.59175	0	33.40825	14.67572	18.73254	33.14062	1
1694.2	1694.05	1091.55	74.47489	35.16738	74.08316	72.51621	66.00855	0	33.99145	25.12264	8.868811	33.59116	1
1694.205	1694.055	1091.555	75.44607	38.3844	74.98089	75.02985	64.90579	0	35.09421	19.34972	15.74448	33.44835	1
1694.21	1694.06	1091.56	77.44556	36.67265	76.85796	74.58915	64.42924	0	35.57076	17.54954	18.02122	34.05127	1
1694.215	1694.065	1091.565	78.06581	32.25009	77.71488	77.1844	63.09465	0	36.90535	24.80483	12.10053	34.093	1
1694.22	1694.07	1091.57	76.86612	31.19773	76.71922	75.31549	62.87181	0	37.12819	12.61258	24.51562	34.23644	1
1694.225	1694.075	1091.575	77.64143	34.43473	77.78833	78.44123	59.0982	0.572744	40.32906	18.10963	22.21943	33.82873	1
1694.23	1694.08	1091.58	75.42975	44.08577	74.67892	74.09948	65.75479	0	34.24521	23.46015	10.78506	33.38634	1
1694.235	1694.085	1091.585	72.46724	33.72205	71.96941	72.14896	69.0276	0	30.9724	12.74628	18.22612	32.89856	1
1694.24	1694.09	1091.59	72.63863	33.34907	72.33666	72.1816	67.44221	0	32.55779	11.11864	21.43915	33.08825	1
1694.245	1694.095	1091.595	72.60598	34.9276	71.87148	69.57002	70.44244	0	29.55756	6.81597	22.74159	33.27394	1
1694.25	1694.1	1091.6	72.29586	38.71742	71.87964	70.53304	67.3439	0	32.6561	16.96351	15.69259	33.28429	1
1694.255	1694.105	1091.605	73.24255	37.20549	73.00588	70.55753	65.44735	0	34.55265	20.04394	14.50871	33.7238	1
1694.26	1694.11	1091.61	72.27137	46.63008	71.52054	69.33335	68.04478	0	31.95522	11.27922	20.676	33.38198	1
1694.265	1694.115	1091.615	71.81435	36.85248	71.3818	69.25174	68.3647	0	31.6353	16.44343	15.19187	33.33223	1
1694.27	1694.12	1091.62	72.85898	35.67358	72.26321	70.85133	68.95392	0	31.04608	16.84308	14.203	33.20978	1
1694.275	1694.125	1091.625	73.61797	30.89801	73.1691	73.61797	68.27286	0	31.72714	18.80222	12.92493	32.97286	1
1694.28	1694.13	1091.63	76.32748	37.45859	76.00103	77.11912	63.24371	0	36.75629	14.25143	22.50487	33.56068	1
1694.285	1694.135	1091.635	74.88295	31.95036	74.5157	74.58915	66.22191	0	33.77809	15.44477	18.33332	33.31557	1
1694.29	1694.14	1091.64	74.50754	39.98957	73.69958	72.91611	68.03726	0	31.96274	16.81495	15.14779	33.1918	1
1694.295	1694.145	1091.645	76.45806	30.98459	75.93574	75.55217	66.20826	0	33.79174	6.746229	27.04551	33.4893	1
1694.3	1694.15	1091.65	76.73554	35.10077	76.22139	76.53967	64.89361	0	35.10639	7.51111	27.59528	33.5012	1
1694.305	1694.155	1091.655	77.55166	35.36719	77.09463	76.56415	63.63557	0	36.36443	24.05865	12.30578	33.89838	1
1694.31	1694.16	1091.66	78.20455	40.44915	77.91075	76.7029	60.54009	0.151228	39.30868	18.87151	20.43717	34.34888	1
1694.315	1694.165	1091.665	78.0903	29.07969	77.74753	77.85362	63.77611	0	36.22389	11.50673	24.71717	33.91737	1
1694.32	1694.17	1091.67	78.44939	25.77609	78.0903	77.66591	64.37171	0	35.62829	11.30625	24.32204	33.99929	1
1694.325	1694.175	1091.675	80.28565	37.49189	79.68173	77.71488	61.7446	0	38.2554	15.14737	23.10803	34.5916	1
1694.33	1694.18	1091.68	78.87377	36.07321	77.97604	76.44174	65.66382	0	34.33618	22.05509	12.28108	33.72184	1
1694.335	1694.185	1091.685	78.90641	34.65452	78.14742	77.33131	64.90188	0	35.09812	11.32017	23.77795	33.76511	1
1694.34	1694.19	1091.69	79.23286	39.17699	78.66974	76.46622	61.98913	0	38.01087	16.52533	21.48555	34.50539	1
1694.345	1694.195	1091.695	78.90641	31.89042	78.28616	77.66591	64.49555	0	35.50445	11.75184	23.75261	33.87621	1
1694.35	1694.2	1091.7	78.76767	30.83806	78.12294	77.09463	65.06761	0	34.93239	8.346395	26.58599	33.86535	1
1694.355	1694.205	1091.705	78.89009	32.12354	78.32697	78.01685	64.01141	0	35.98859	20.80365	15.18494	33.90803	1
1694.36	1694.21	1091.71	78.68606	29.55259	78.00868	76.4907	65.70678	0	34.29322	5.860392	28.43283	33.86731	1
1694.365	1694.215	1091.715	78.87377	31.44417	78.33513	78.11478	64.00109	0	35.99891	19.81487	16.18404	33.91027	1
1694.37	1694.22	1091.72	78.04949	27.38127	77.60879	77.11912	64.98366	0	35.01634	10.55589	24.46046	33.83975	1
1694.375	1694.225	1091.725	77.76385	25.54297	77.51085	78.69422	64.23658	0	35.76342	14.87706	20.88635	33.69125	1
1694.38	1694.23	1091.73	77.82914	29.70578	77.34763	77.63327	64.94009	0	35.05991	13.76583	21.29408	33.64417	1
1694.385	1694.235	1091.735	71.83067	22.47915	71.45526	70.59833	71.38529	0	28.61471	9.802886	18.81182	32.93455	1
1694.39	1694.24	1091.74	68.46826	31.0179	68.01124	65.94646	73.04482	0	26.95518	14.91569	12.03949	32.97975	1

1694.395	1694.245	1091.745	68.68861	27.91411	68.1663	68.0194	74.09921	0	25.90079	17.32649	8.5743	32.61955	1
1694.4	1694.25	1091.75	71.33284	27.42789	70.98191	70.2474	70.45595	0	29.54405	11.98482	17.55923	32.92581	1
1694.405	1694.255	1091.755	71.00639	31.56406	70.61465	70.58201	70.07158	0	29.92842	18.20786	11.72056	32.8013	1
1694.41	1694.26	1091.76	70.5412	32.52983	69.83118	68.48459	72.73255	0	27.26745	20.06364	7.203806	32.95191	1
1694.415	1694.265	1091.765	72.27137	34.02178	71.83883	70.75339	68.62927	0	31.37073	18.96336	12.40737	33.14681	1
1694.42	1694.27	1091.77	72.99772	32.78959	72.78553	72.32034	66.5515	0	33.4485	14.04993	19.39857	33.24921	1
1694.425	1694.275	1091.775	74.1158	27.11485	73.84648	73.91993	67.33889	0	32.66111	24.79402	7.867092	33.18493	1
1694.43	1694.28	1091.78	73.64245	28.08728	73.29968	74.01787	68.10829	0	31.89171	20.45307	11.43865	32.95407	1
1694.435	1694.285	1091.785	76.1969	34.66118	76.1561	76.76002	61.82709	0	38.17291	24.53152	13.64139	33.93168	1
1694.44	1694.29	1091.79	75.23388	31.66396	74.99721	74.54834	64.95637	0	35.04363	6.973979	28.06965	33.59968	1
1694.445	1694.295	1091.795	73.00588	30.61161	72.68759	73.10381	67.8933	0	32.1067	24.82898	7.27772	32.97645	1
1694.45	1694.3	1091.8	72.16528	26.56869	71.9286	71.54503	69.01255	0	30.98745	11.45767	19.52978	32.99484	1
1694.455	1694.305	1091.805	71.83067	25.60292	71.2349	70.90029	72.33707	0	27.66293	9.53336	18.12957	32.80174	1
1694.46	1694.31	1091.81	73.68326	22.81883	73.316	72.6223	69.53546	0	30.46454	10.67516	19.78938	33.12613	1
1694.465	1694.315	1091.815	75.57665	24.797	75.3563	75.81333	66.17633	0	33.82367	17.42464	16.39903	33.37813	1
1694.47	1694.32	1091.82	74.13212	28.12058	73.83016	72.86714	67.33348	0	32.66652	7.96456	24.70195	33.36962	1
1694.475	1694.325	1091.825	75.55217	30.39181	75.44607	74.64628	63.95943	0	36.04057	7.674823	28.36575	33.84876	1
1694.48	1694.33	1091.83	76.16426	27.24806	75.61746	75.17675	67.57255	0	32.42745	12.43563	19.99183	33.35761	1
1694.485	1694.335	1091.835	75.53585	23.64473	75.20124	75.26653	67.37821	0	32.62179	16.31006	16.31173	33.30754	1
1694.49	1694.34	1091.84	74.31167	19.68174	74.16477	74.1158	68.00877	0	31.99123	9.302718	22.68851	33.21468	1
1694.495	1694.345	1091.845	73.1691	24.20422	72.80185	72.05102	69.67322	0	30.32678	8.132874	22.19391	33.08856	1
1694.5	1694.35	1091.85	73.1283	26.72188	72.93243	72.32034	67.77325	0	32.22675	23.89576	8.330986	33.20152	1
1694.505	1694.355	1091.855	73.61797	30.35185	72.9814	72.49989	69.85976	0	30.14024	17.63138	12.50886	33.01704	1
1694.51	1694.36	1091.86	72.27137	26.22234	71.87148	71.2349	70.26374	0	29.73626	17.17125	12.56501	32.9718	1
1694.515	1694.365	1091.865	73.68326	26.90171	73.23439	72.19792	69.17989	0	30.82011	21.08232	9.737791	33.19382	1
1694.52	1694.37	1091.87	76.67025	28.52021	76.36829	75.6501	64.9017	0	35.0983	5.67019	29.42811	33.79807	1
1694.525	1694.375	1091.875	77.64959	37.8449	77.12728	77.30682	63.45186	0	36.54814	9.440939	27.1072	33.75219	1
1694.53	1694.38	1091.88	80.13875	27.47452	79.77966	79.06148	62.40648	0	37.59352	8.83145	28.76207	34.5151	1
1694.535	1694.385	1091.885	81.51799	32.03695	81.1589	79.82863	60.03347	0.386513	39.58002	21.86424	17.71578	34.61598	1
1694.54	1694.39	1091.89	82.7993	26.27563	82.73401	82.55446	57.97194	1.247387	40.78068	20.79045	19.99023	34.17715	1
1694.545	1694.395	1091.895	83.32977	30.15203	83.28081	84.12957	56.41931	1.758107	41.82258	31.05689	10.7657	33.67073	1
1694.55	1694.4	1091.9	79.78782	29.13298	79.71437	78.65342	60.11427	0.375363	39.51037	22.3856	17.12477	34.54079	1
1694.555	1694.405	1091.905	79.86127	32.59643	79.44505	78.57997	61.865	0	38.135	25.12655	13.00845	34.49621	1
1694.56	1694.41	1091.91	80.88142	35.90669	80.32646	79.49402	61.20062	0	38.79938	7.149924	31.64946	34.58048	1
1694.565	1694.415	1091.915	79.35528	36.77256	78.69422	77.66591	63.21737	0	36.78263	12.12967	24.65297	34.08946	1
1694.57	1694.42	1091.92	79.7715	46.78327	78.72687	76.56415	63.38456	0	36.61544	24.03415	12.58129	33.98704	1
1694.575	1694.425	1091.925	81.62409	50.08687	80.56313	77.60063	61.00721	0	38.99279	11.47115	27.52165	34.51449	1
1694.58	1694.43	1091.93	81.44454	54.14977	81.08545	80.67739	54.74974	1.856312	43.39395	27.89858	15.49537	33.12834	1
1694.585	1694.435	1091.935	80.81613	39.07043	80.44888	79.01251	59.04033	0.62572	40.33395	14.16756	26.16639	34.28367	1
1694.59	1694.44	1091.94	80.18772	34.135	79.63276	77.13544	62.26757	0	37.73243	18.96927	18.76316	34.66641	1
1694.595	1694.445	1091.945	79.28183	33.04934	79.04515	76.89876	60.897	0.088036	39.01496	23.03623	15.97873	34.79092	1
1694.6	1694.45	1091.95	80.05714	29.77904	80.11427	78.33513	58.69816	0.833899	40.46794	16.41712	24.05083	34.41155	1
1694.605	1694.455	1091.955	80.32646	35.17404	79.92656	76.36829	60.68675	0.136299	39.17695	27.34875	11.82821	35.03032	1
1694.61	1694.46	1091.96	81.68938	40.63564	81.58328	79.84495	55.83419	1.702422	42.46339	24.865	17.59839	33.7957	1
1694.615	1694.465	1091.965	82.6524	50.35329	82.64424	79.3308	51.83755	2.981105	45.18135	18.14039	27.04096	33.35493	1
1694.62	1694.47	1091.97	84.79879	50.42656	83.79496	81.74651	57.56153	0.752149	41.68632	20.21129	21.47503	34.17624	1
1694.625	1694.475	1091.975	85.63939	52.67114	84.72534	82.56262	55.54925	1.417538	43.03321	25.31046	17.72275	33.85672	1
1694.63	1694.48	1091.98	83.50116	59.26503	83.64806	81.46086	47.69831	4.375898	47.92579	33.90882	14.01696	32.50692	1
1694.635	1694.485	1091.985	82.48101	56.09463	82.60343	80.59578	49.59383	3.675467	46.7307	23.81838	22.91232	32.71091	1
1694.64	1694.49	1091.99	82.20353	36.77922	81.47719	79.70621	61.10136	0	38.89864	21.80835	17.09029	34.7599	1
1694.645	1694.495	1091.995	83.16655	67.13106	82.11376	81.59144	55.4002	1.32399	43.27581	25.06013	18.21569	33.13779	1
1694.65	1694.5	1092	79.85311	49.00121	79.95921	80.97935	53.8546	2.184451	43.96094	19.82373	24.13721	32.73669	1
1694.655	1694.505	1092.005	80.4652	52.75107	79.82047	78.12294	58.20294	0.751034	41.04603	20.84571	20.20032	33.91094	1
1694.66	1694.51	1092.01	81.73834	49.48077	81.012	79.23286	58.45555	0.655855	40.88859	21.25141	19.63719	34.10922	1
1694.665	1694.515	1092.015	83.13391	29.23954	82.91355	82.96252	58.14856	1.12226	40.72918	26.65478	14.07439	34.13501	1
1694.67	1694.52	1092.02	82.92988	46.47689	82.3994	83.37058	56.5683	1.330143	42.10156	27.98511	14.11645	33.38801	1
1694.675	1694.525	1092.025	84.08876	43.93258	83.46035	80.53049	56.87684	1.235347	41.88782	23.54545	18.34237	34.27075	1
1694.68	1694.53	1092.03	84.57844	29.99218	84.35808	85.45984	56.63746	1.708483	41.65406	21.16215	20.4919	33.72343	1
1694.685	1694.535	1092.035	89.54043	36.69929	89.53227	91.14003	48.80482	5.176872	46.01831	32.95691	13.0614	32.47299	1
1694.69	1694.54	1092.04	87.63072	59.1851	87.85107	91.00945	43.34922	6.563412	50.08737	27.21751	22.86986	31.19778	1
1694.695	1694.545	1092.045	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1695	1694.85	1092.35	88.57741	59.00527	89.27928	90.36471	38.79008	8.959718	52.25021	23.14621	29.104	31.19331	1
1695.005	1694.855	1092.355	82.21985	61.60286	82.3994	80.71004	48.05836	4.106111	47.83553	34.15641	13.67912	32.36136	1
1695.01	1694.86	1092.36	82.92988	56.14126	82.5463	79.73069	53.09104	2.399083	44.50988	23.40147	21.10841	33.36196	1
1695.015	1694.865	1092.365	83.64806	39.36349	84.13773	84.97017	49.72287	4.141723	46.13541	24.71746	21.41795	32.50942	1
1695.02	1694.87	1092.37	79.81231	26.6686	79.39609	79.58379	63.34459	0	36.65541	12.67904	23.97637	34.13665	1
1695.025	1694.875	1092.375	82.26066	32.24343	81.87708	81.17522	59.48999	0.568478	39.94153	22.76883	17.1727	34.42837	1
1695.03	1694.88	1092.38	80.1714	41.66136	79.52666	78.03317	61.15695	0	38.84305	6.570824	32.27223	34.50731	1
1695.035	1694.885	1092.385	76.8906	24.55056	76.41725	76.31932	66.98786	0	33.01214	14.99469	18.01745	33.44136	1
1695.04	1694.89	1092.39	78.00868	40.94202	76.98038	75.6501	66.29343	0	33.70657	18.19216	15.5144	33.48038	1
1695.045	1694.895	1092.395	78.0903	33.41567	77.16808	75.99287	67.21749	0	32.78251	12.71628	20.06623	33.45554	1
1695.05	1694.9	1092.4	79.23286	27.14815	78.94722	78.33513	62.74964	0	37.25036	7.907914	29.34245	34.37081	1
1695.055	1694.905	1092.405	78.3841	34.34148	78.11478	77.33131	61.66321	0	38.33679	10.48311	27.85368	34.39265	1

1695.06	1694.91	1092.41	78.73503	52.18493	78.0903	75.72355	59.9317	0.282684	39.78561	10.50785	29.27776	34.24633	1
1695.065	1694.915	1092.415	80.10611	34.12168	80.01633	80.88142	58.74067	0.773955	40.48537	12.26244	28.22293	33.8506	1
1695.07	1694.92	1092.42	80.6121	42.50058	79.68989	79.44505	62.69888	0	37.30112	12.44931	24.85181	33.88163	1
1695.075	1694.925	1092.425	80.29381	42.60715	80.66107	80.0245	52.97255	2.578139	44.44931	21.19175	23.25757	33.04552	1
1695.08	1694.93	1092.43	80.92223	44.2323	80.99568	79.82863	54.27809	2.154105	43.5678	25.26889	18.29892	33.33744	1
1695.085	1694.935	1092.435	81.23235	38.86395	80.99568	78.75135	57.69539	1.080536	41.22408	28.87931	12.34477	34.21153	1
1695.09	1694.94	1092.44	77.15992	53.1174	77.07015	77.66591	56.8542	1.169849	41.97595	30.56192	11.41403	33.05516	1
1695.095	1694.945	1092.445	79.3308	49.65394	79.54299	79.77966	53.35494	2.310426	44.33464	14.48128	29.85336	32.76763	1
1695.1	1694.95	1092.45	83.0931	30.93797	83.15839	83.59093	55.56137	2.054667	42.38397	28.64296	13.74101	33.57171	1
1695.105	1694.955	1092.455	79.67357	28.87322	79.63276	78.75951	60.02925	0.401577	39.56918	10.44084	29.12833	34.48404	1
1695.11	1694.96	1092.46	78.66974	35.84009	78.81664	77.1844	57.81205	0.997273	41.19067	13.53668	27.654	34.0423	1
1695.115	1694.965	1092.465	77.32314	31.35758	77.11912	76.9967	62.8554	0	37.1446	8.714633	28.42997	34.0269	1
1695.12	1694.97	1092.47	73.0222	26.02919	72.83449	74.45041	67.97524	0	32.02476	13.60098	18.42378	32.76253	1
1695.125	1694.975	1092.475	73.13646	48.87467	72.30402	72.14896	67.3382	0	32.6618	23.55409	9.107712	33.06656	1
1695.13	1694.98	1092.48	74.87479	48.89465	73.81384	74.35247	67.50508	0	32.49492	15.88235	16.61257	32.92601	1
1695.135	1694.985	1092.485	79.55931	74.80395	80.3183	81.93421	42.82071	5.461447	51.71784	29.64962	22.06822	30.92237	1
1695.14	1694.99	1092.49	76.53967	32.61641	77.23337	78.91458	56.31415	1.29222	42.39363	19.26584	23.12779	33.14695	1
1695.145	1694.995	1092.495	79.31447	28.68006	79.68173	80.69371	57.2439	1.269994	41.48611	20.11734	21.36877	33.62079	1
1695.15	1695	1092.5	76.09081	38.69078	77.05383	79.39609	53.16989	2.123453	44.70666	29.89538	14.81127	32.42302	1
1695.155	1695.005	1092.505	77.60879	45.27134	78.57997	80.0653	50.1176	3.179022	46.70338	20.63876	26.06462	32.12253	1
1695.16	1695.01	1092.51	77.2905	45.81084	77.68224	78.96354	54.77056	1.77505	43.45439	17.05201	26.40238	32.75729	1
1695.165	1695.015	1092.515	75.44607	29.15962	74.89111	73.60165	67.83393	0	32.16607	22.8998	9.266274	33.42542	1
1695.17	1695.02	1092.52	75.41343	47.35607	74.83398	73.39762	63.65017	0	36.34983	13.80189	22.54795	33.78428	1
1695.175	1695.025	1092.525	79.6654	35.60697	79.09412	76.78451	62.51838	0	37.48162	6.542178	30.93944	34.51151	1
1695.18	1695.03	1092.53	81.96686	33.77534	81.68938	81.87708	58.56733	0.867217	40.56545	23.42426	17.14119	34.0468	1
1695.185	1695.035	1092.535	81.7057	49.89372	81.20787	78.84929	56.61467	1.279915	42.10541	11.66241	30.443	33.87771	1
1695.19	1695.04	1092.54	84.3336	48.44173	84.94569	83.04413	45.9465	5.476899	48.5766	32.86412	15.71248	32.44381	1
1695.195	1695.045	1092.545	79.77966	46.9298	79.02883	76.67025	61.06462	0	38.93538	16.94334	21.99204	34.52772	1
1695.2	1695.05	1092.55	80.08162	40.27597	79.97553	79.91024	57.40036	1.140582	41.45906	23.52863	17.93043	33.67066	1
1695.205	1695.055	1092.555	83.72967	65.6924	84.42337	87.14105	41.69496	6.59234	51.7127	27.07748	24.63522	30.92127	1
1695.21	1695.06	1092.56	85.21501	44.3855	85.48433	86.06377	48.77368	4.52324	46.70308	18.31512	28.38796	32.41075	1
1695.215	1695.065	1092.565	91.45015	27.85416	91.57257	89.7363	48.17642	6.233617	45.58997	18.43359	27.15638	33.14638	1
1695.22	1695.07	1092.57	85.75365	45.45783	85.41088	83.87657	52.76231	2.814131	44.42355	22.08093	22.34263	33.38334	1
1695.225	1695.075	1092.575	85.19052	34.76775	85.43536	86.60241	51.31345	3.781819	44.90473	28.92457	15.98016	32.78964	1
1695.23	1695.08	1092.58	83.14207	33.33575	83.3461	83.493	53.86082	2.645633	43.49355	28.77272	14.72083	33.30916	1
1695.235	1695.085	1092.585	88.69983	37.07894	89.07525	89.09157	46.51359	6.260932	47.22548	31.50991	15.71557	32.41737	1
1695.24	1695.09	1092.59	82.17905	33.60216	81.82812	81.54248	58.98327	0.723729	40.29301	14.25115	26.04186	34.22576	1
1695.245	1695.095	1092.595	73.316	28.99977	72.81817	71.07168	69.38953	0	30.61047	18.36828	12.24219	33.27369	1
1695.25	1695.1	1092.6	72.4754	27.84084	72.33666	71.93677	67.66038	0	32.33962	5.796909	26.54271	33.11053	1
1695.255	1695.105	1092.605	73.11198	33.17589	72.30402	71.0472	70.97008	0	29.02992	5.211745	23.81817	33.0572	1
1695.26	1695.11	1092.61	74.98905	36.97237	75.11963	74.5157	61.05078	0	38.94922	10.05022	28.899	34.12616	1
1695.265	1695.115	1092.615	72.49173	30.01216	72.25505	70.63914	67.8789	0	32.1211	16.90539	15.21571	33.31305	1
1695.27	1695.12	1092.62	74.98089	58.15939	74.15661	70.6881	63.33118	0	36.66882	20.75569	15.91314	34.0833	1
1695.275	1695.125	1092.625	83.12575	72.65261	83.17471	84.96201	45.56289	4.835458	49.60165	18.97887	30.62278	31.30841	1
1695.28	1695.13	1092.63	80.0653	68.95604	80.72636	79.09412	44.52938	5.027124	50.4435	32.59517	17.84833	31.78021	1
1695.285	1695.135	1092.635	81.90157	50.85949	82.38308	83.68887	48.61086	4.101544	47.2876	25.80644	21.48116	32.03531	1
1695.29	1695.14	1092.64	81.56696	45.91075	80.99568	79.56747	58.27544	0.776371	40.94819	17.63442	23.31377	34.05833	1
1695.295	1695.145	1092.645	77.89443	25.5896	77.46188	77.74753	65.49665	0	34.50335	15.13349	19.36986	33.63045	1
1695.3	1695.15	1092.65	75.6501	26.78182	74.8095	73.40578	70.43537	0	29.56463	7.031572	22.53306	33.20048	1
1695.305	1695.155	1092.655	76.02552	41.61473	74.80134	72.89162	69.47313	0	30.52687	5.875753	24.65111	33.2166	1
1695.31	1695.16	1092.66	74.2627	39.41011	73.25072	72.22241	69.98396	0	30.01604	22.4805	7.53554	33.06169	1
1695.315	1695.165	1092.665	81.81996	70.30146	81.79547	81.23235	47.90244	3.97373	48.12383	16.92571	31.19813	31.969	1
1695.32	1695.17	1092.67	83.10126	42.49392	83.16655	84.17854	52.75732	2.837945	44.40474	25.27194	19.1328	32.83169	1
1695.325	1695.175	1092.675	79.32263	66.2652	78.35145	75.96839	58.51365	0.615485	40.87087	26.97421	13.89666	33.75786	1
1695.33	1695.18	1092.68	75.33998	38.69744	75.02169	76.17242	63.78916	0	36.21084	12.67016	23.54068	33.38366	1
1695.335	1695.185	1092.685	74.56467	35.22066	74.31983	73.569	64.77458	0	35.22542	22.98969	12.23573	33.58663	1
1695.34	1695.19	1092.69	75.15227	59.27835	75.37262	76.303	54.80682	1.664255	43.52892	19.28562	24.24331	32.44458	1
1695.345	1695.195	1092.695	76.53151	49.24099	76.44174	76.40093	58.37043	0.735454	40.89412	12.01567	28.87845	33.46479	1
1695.35	1695.2	1092.7	76.4499	53.31721	75.66643	73.569	62.83525	0	37.16475	22.70716	14.45759	33.97483	1
1695.355	1695.205	1092.705	81.265	52.63784	81.07729	81.69754	53.95258	2.150169	43.89725	21.57764	22.31961	32.82533	1
1695.36	1695.21	1092.71	85.8271	55.12886	85.84342	89.59756	47.57139	4.689939	47.73867	18.93731	28.80136	31.54498	1
1695.365	1695.215	1092.715	84.30912	55.24209	83.50932	84.87224	55.26544	1.554122	43.18043	17.38745	25.79299	33.02817	1
1695.37	1695.22	1092.72	78.34329	37.92482	77.91891	76.9967	62.03532	0	37.96468	14.43931	23.52537	34.24919	1
1695.375	1695.225	1092.725	76.05	34.10836	75.31549	73.54452	67.4722	0	32.5278	9.915637	22.61216	33.5105	1
1695.38	1695.23	1092.73	76.76818	38.18458	76.05	74.68708	65.69853	0	34.30147	25.01129	9.290178	33.62952	1
1695.385	1695.235	1092.735	78.4249	41.06191	77.74753	77.13544	63.16179	0	36.83821	10.53652	26.30169	33.89563	1
1695.39	1695.24	1092.74	73.43842	29.18626	72.63863	72.04286	71.57199	0	28.42801	20.83293	7.595078	32.91808	1
1695.395	1695.245	1092.745	71.47974	33.14925	70.76972	68.92529	71.7192	0	28.2808	16.02625	12.25455	33.09093	1
1695.4	1695.25	1092.75	75.3563	57.7864	75.34814	74.98905	56.75114	1.165187	42.08367	26.41707	15.6666	33.01597	1
1695.405	1695.255	1092.755	72.37747	30.57164	72.21425	72.49989	67.27937	0	32.72063	7.255019	25.46561	32.99863	1
1695.41	1695.26	1092.76	71.594	32.68302	70.97375	70.6881	71.03117	0	28.96883	23.48671	5.482118	32.83092	1
1695.415	1695.265	1092.765	74.12396	48.05542	74.01787	71.80619	60.99878	0.011323	38.9899	13.37628	25.61361	34.21508	1
1695.42	1695.27	1092.77	74.16477	71.3738	73.28336	69.36599	61.32686	0.179053	38.49408	9.944311	28.54977	34.08385	1

1695.425	1695.275	1092.775	73.34865	41.86783	73.23439	71.25939	63.27272	0	36.72728	25.83286	10.89443	33.85683	1
1695.43	1695.28	1092.78	71.70825	39.45007	71.83883	70.5412	63.4695	0	36.5305	21.35379	15.17671	33.56454	1
1695.435	1695.285	1092.785	71.77354	37.12556	71.39813	70.00256	67.89342	0	32.10658	6.188969	25.91761	33.21477	1
1695.44	1695.29	1092.79	71.9286	26.89505	71.33284	70.95742	71.93427	0	28.06573	16.87938	11.18635	32.81981	1
1695.445	1695.295	1092.795	72.4754	25.14334	72.0347	71.2349	70.65339	0	29.34661	21.23313	8.113478	32.98475	1
1695.45	1695.3	1092.8	71.29203	25.34982	70.81868	70.2474	71.94513	0	28.05487	13.54853	14.50634	32.82471	1
1695.455	1695.305	1092.805	71.96125	30.29856	71.61848	70.87581	69.11986	0	30.88014	10.93781	19.94233	33.0283	1
1695.46	1695.31	1092.81	74.49938	47.13628	74.43409	74.52386	60.55959	0.116957	39.32345	18.41575	20.9077	33.75165	1
1695.465	1695.315	1092.815	72.72024	24.61717	72.49173	72.27137	68.911	0	31.089	22.31705	8.771944	33.00735	1
1695.47	1695.32	1092.82	72.8753	43.846	72.59782	72.22241	64.49446	0	35.50554	10.82697	24.67857	33.37672	1
1695.475	1695.325	1092.825	71.94493	51.03932	70.97375	68.86	68.9858	0	31.0142	17.97514	13.03906	33.29854	1
1695.48	1695.33	1092.83	72.4346	61.96253	72.15712	70.77788	60.51571	0.272462	39.21183	14.36636	24.84547	33.56436	1
1695.485	1695.335	1092.835	69.45577	25.25657	69.1538	68.90897	72.32882	0	27.67118	23.92399	3.747189	32.64705	1
1695.49	1695.34	1092.84	65.92197	22.0995	65.45679	65.21195	77.60891	0	22.39109	10.43004	11.96105	32.54401	1
1695.495	1695.345	1092.845	65.04057	29.19958	64.11019	63.2043	80.30678	0	19.69322	6.87291	12.82031	32.97201	1
1695.5	1695.35	1092.85	72.68759	74.98378	72.73656	69.35783	54.60184	1.767803	43.63035	18.03074	25.59961	32.73338	1
1695.505	1695.355	1092.855	74.75237	46.41694	74.98089	74.64628	58.22394	0.699914	41.07615	26.30091	14.77524	33.45431	1
1695.51	1695.36	1092.86	76.82531	29.59921	76.67025	75.73171	63.35944	0	36.64056	25.60222	11.03834	34.07955	1
1695.515	1695.365	1092.865	77.26602	32.03695	77.55166	78.18007	58.9486	0.601266	40.45013	14.69343	25.75671	33.82386	1
1695.52	1695.37	1092.87	71.92044	43.21325	72.01838	72.65495	62.6166	0	37.3834	20.82971	16.55369	33.31387	1
1695.525	1695.375	1092.875	70.32085	34.88098	70.29637	69.77405	67.05337	0	32.94663	15.92798	17.01865	32.99284	1
1695.53	1695.38	1092.88	71.33284	59.62469	70.71259	70.20659	64.75155	0	35.24845	7.30733	27.94112	33.28522	1
1695.535	1695.385	1092.885	73.96074	50.90611	74.09948	73.66694	58.56161	0.61902	40.81937	13.7645	27.05488	33.38905	1
1695.54	1695.39	1092.89	72.36931	30.53834	72.58966	72.94875	64.32223	0	35.67777	14.15203	21.52574	33.26159	1
1695.545	1695.395	1092.895	76.25403	41.4682	76.88244	78.41674	54.9408	1.648935	43.41026	13.27401	30.13625	32.77089	1
1695.55	1695.4	1092.9	73.48739	37.019	73.44658	71.86331	63.74925	0	36.25075	24.04495	12.2058	33.76665	1
1695.555	1695.405	1092.905	76.5968	43.66616	77.0375	76.58864	55.54828	1.508154	42.94357	12.23815	30.70541	33.19974	1
1695.56	1695.41	1092.91	74.07499	37.77163	74.48305	75.53585	59.54781	0.270925	40.18126	15.85176	24.3295	33.57097	1
1695.565	1695.415	1092.915	73.80568	49.57402	74.45041	74.2219	55.10518	1.437812	43.45701	20.83255	22.62445	32.83657	1
1695.57	1695.42	1092.92	75.69091	31.67062	75.60114	74.71973	63.39581	0	36.60419	13.40278	23.20141	33.93506	1
1695.575	1695.425	1092.925	76.00919	42.5805	76.76818	77.8373	53.88489	1.918176	44.19694	29.97829	14.21864	32.67138	1
1695.58	1695.43	1092.93	77.5435	32.4499	77.75569	77.84546	59.16263	0.554259	40.28311	15.11559	25.16752	33.96641	1
1695.585	1695.435	1092.935	85.19052	62.58861	85.21501	86.24332	46.28853	4.939044	48.77243	23.39809	25.37434	31.76437	1
1695.59	1695.44	1092.94	81.9587	40.72223	81.44454	79.6654	58.72792	0.692115	40.57997	25.23932	15.34065	34.31669	1
1695.595	1695.445	1092.945	79.03699	24.64381	78.93906	79.1186	62.08115	0	37.91885	16.20336	21.71549	34.42416	1
1695.6	1695.45	1092.95	80.44072	45.65765	80.33462	79.85311	55.76763	1.62019	42.61218	15.15031	27.46187	33.39229	1
1695.605	1695.455	1092.955	79.1186	31.57738	79.3308	80.04898	57.92468	1.016819	41.0585	21.2525	19.806	33.72558	1
1695.61	1695.46	1092.96	77.42924	35.90669	77.24153	77.75569	61.53041	0	38.46959	7.385726	31.08386	34.07303	1
1695.615	1695.465	1092.965	75.24204	37.27875	75.47056	75.2502	59.98488	0.221062	39.79405	25.80338	13.99067	33.95405	1
1695.62	1695.47	1092.97	75.53585	31.09116	75.48688	75.63378	63.36246	0	36.63754	8.551855	28.08569	33.74453	1
1695.625	1695.475	1092.975	76.86612	35.35387	76.72738	75.99287	61.80277	0	38.19723	17.76471	20.43252	34.21829	1
1695.63	1695.48	1092.98	77.78017	41.38162	77.79649	76.06632	58.30139	0.791097	40.90751	21.38885	19.51866	33.9877	1
1695.635	1695.485	1092.985	76.14793	42.89355	76.4499	74.05051	57.22344	1.018247	41.75831	16.67376	25.08455	33.81603	1
1695.64	1695.49	1092.99	77.61695	42.20086	77.85362	78.93906	56.54558	1.290943	42.16348	25.97716	16.18632	33.15036	1
1695.645	1695.495	1092.995	80.04082	40.62232	80.17956	78.41674	55.45661	1.766201	42.77719	30.17578	12.60141	33.64939	1
1695.65	1695.5	1093	79.04515	50.61971	78.80032	77.91075	56.92596	1.185866	41.88817	30.76086	11.12731	33.49007	1
1695.655	1695.505	1093.005	81.39557	62.04245	81.31396	81.99134	50.73429	3.111376	46.15433	16.23651	29.91783	32.20134	1
1695.66	1695.51	1093.01	79.82047	61.72941	79.12677	79.18389	57.00283	1.074805	41.92236	13.33737	28.585	33.16445	1
1695.665	1695.515	1093.015	78.65342	67.75049	78.66158	77.09463	51.17999	2.819544	46.00047	19.46365	26.53681	32.4288	1
1695.67	1695.52	1093.02	79.19206	72.74586	79.6246	79.31447	46.18661	4.359995	49.4534	18.74246	30.71094	31.57816	1
1695.675	1695.525	1093.025	82.63607	101.2328	81.3058	76.1969	49.7861	2.752936	47.46097	28.74995	18.71102	32.54727	1
1695.68	1695.53	1093.03	83.59093	75.76306	81.84444	78.97986	58.297	0.069584	41.63341	22.13957	19.49385	33.95281	1
1695.685	1695.535	1093.035	81.68938	45.38457	81.06097	81.25683	58.73289	0.624529	40.64258	14.29761	26.34497	33.85525	1
1695.69	1695.54	1093.04	85.76997	34.82103	85.47617	84.27647	54.94191	2.263638	42.79445	25.33997	17.45449	33.82785	1
1695.695	1695.545	1093.045	86.25148	35.66692	85.95768	85.65571	54.29422	2.513561	43.19222	13.21471	29.97752	33.56253	1
1695.7	1695.55	1093.05	86.47183	38.71076	85.71284	85.4272	56.96008	1.23943	41.80048	22.59328	19.20721	34.00613	1
1695.705	1695.555	1093.055	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1696	1695.85	1093.35	103.7572	187.8924	103.5613	89.68734	0.591388	24.92893	74.47968	74.47968	0	-9999	1
1696.005	1695.855	1093.355	95.11452	69.54216	95.90616	96.06938	29.53027	15.18506	55.28467	33.00425	22.28042	30.73088	1
1696.01	1695.86	1093.36	90.07091	49.85376	89.92401	88.52029	46.20864	5.779336	48.01203	31.35928	16.65275	32.54563	1
1696.015	1695.865	1093.365	90.63403	69.68869	90.32391	87.01047	42.1555	6.727364	51.11714	22.86535	28.25179	32.25483	1
1696.02	1695.87	1093.37	87.81026	52.85764	87.2145	84.24383	51.0402	3.23731	45.72249	22.35924	23.36325	33.38242	1
1696.025	1695.875	1093.375	84.37441	41.64137	83.8929	80.26117	56.03003	1.616491	42.35347	27.83519	14.51829	34.29053	1
1696.03	1695.88	1093.38	85.50065	65.29943	84.37441	83.26449	54.26532	1.56413	44.17055	31.49668	12.67387	33.23645	1
1696.035	1695.885	1093.385	83.99899	74.83059	82.67688	80.43256	54.85829	1.270591	43.87112	23.62347	20.24765	33.28669	1
1696.04	1695.89	1093.39	85.85974	90.42279	84.05612	79.73069	53.10479	1.238549	45.65666	12.51852	33.13815	33.29284	1
1696.045	1695.895	1093.395	85.03546	98.58189	83.20736	81.52615	52.07837	1.590634	46.331	23.06983	23.26116	32.45364	1
1696.05	1695.9	1093.4	86.46367	127.8081	83.71335	81.012	50.83883	0.93297	48.2282	15.05652	33.17169	32.1432	1
1696.055	1695.905	1093.405	85.38639	151.4262	81.37925	77.13544	55.85471	0	44.14529	17.02142	27.12387	31.32696	1
1696.06	1695.91	1093.41	84.70901	116.6784	81.80363	78.12294	56.34822	0	43.65178	24.65366	18.99811	32.79196	1
1696.065	1695.915	1093.415	80.63658	76.12938	78.9309	77.38027	60.61011	0	39.38989	17.0807	22.3092	33.59468	1
1696.07	1695.92	1093.42	82.70136	59.78455	81.7057	78.76767	57.16328	0.873602	41.96312	29.5514	12.41171	33.964	1
1696.075	1695.925	1093.425	80.47336	50.18012	79.6246	76.71922	60.39883	0.075243	39.52593	10.49061	29.03532	34.57489	1

1696.08	1695.93	1093.43	82.43204	59.26503	81.65673	78.531	55.82905	1.370434	42.80051	15.16503	27.63548	33.76178	1
1696.085	1695.935	1093.435	82.17089	41.32833	81.65673	80.64475	58.38602	0.796419	40.81756	25.73391	15.08365	34.10951	1
1696.09	1695.94	1093.44	81.7057	39.0571	81.08545	80.71004	60.18587	0.223554	39.59057	22.44893	17.14164	34.34417	1
1696.095	1695.945	1093.445	80.07346	40.61566	79.14309	77.13544	63.71383	0	36.28617	9.969213	26.31696	34.03982	1
1696.1	1695.95	1093.45	79.9184	47.80233	79.02883	76.7029	61.80107	0	38.19893	14.89494	23.304	34.31851	1
1696.105	1695.955	1093.455	78.60445	43.57958	78.17191	76.17242	60.48985	0.153591	39.35656	20.76345	18.59311	34.43257	1
1696.11	1695.96	1093.46	80.1714	58.02618	78.6779	76.66209	63.77458	0	36.22542	18.77691	17.44851	33.53365	1
1696.115	1695.965	1093.465	78.61261	42.27412	77.82914	77.66591	63.51798	0	36.48202	13.47289	23.00913	33.71077	1
1696.12	1695.97	1093.47	79.3308	35.30725	78.9717	78.26168	61.25428	0	38.74572	17.23269	21.51304	34.4903	1
1696.125	1695.975	1093.475	78.40042	34.69448	78.00052	77.47821	62.57476	0	37.42524	10.23002	27.19523	34.13843	1
1696.13	1695.98	1093.48	79.92656	40.14943	79.54299	78.6779	59.72411	0.398034	39.87785	15.41078	24.46707	34.22159	1
1696.135	1695.985	1093.485	77.80465	36.78588	77.3966	76.44174	62.67999	0	37.32001	22.62169	14.69831	34.12069	1
1696.14	1695.99	1093.49	73.20991	32.49652	72.54885	71.03904	69.90591	0	30.09409	24.15733	5.936765	33.1674	1
1696.145	1695.995	1093.495	74.87479	34.52797	74.25454	73.48739	67.56636	0	32.43364	18.20624	14.2274	33.27477	1
1696.15	1696	1093.5	80.48968	51.29908	80.39175	80.79981	54.2941	2.037867	43.66803	20.32891	23.33912	32.89292	1
1696.155	1696.005	1093.505	78.48203	34.12834	77.86994	76.94773	64.28116	0	35.71884	7.946834	27.77201	33.89354	1
1696.16	1696.01	1093.51	80.36727	39.65655	79.79598	77.66591	60.89267	0.023669	39.08366	16.7988	22.28486	34.71369	1
1696.165	1696.015	1093.515	86.09642	46.69002	86.24332	85.52513	48.35383	4.687582	46.95859	27.13247	19.82612	32.58768	1
1696.17	1696.02	1093.52	85.16604	65.24615	85.99032	88.77328	39.46951	7.758665	52.77182	30.43932	22.3325	30.78059	1
1696.175	1696.025	1093.525	86.51264	78.39395	86.92069	89.62205	38.27458	7.947187	53.77823	35.82213	17.9561	30.57791	1
1696.18	1696.03	1093.53	86.07193	55.32202	86.2678	86.19435	45.90791	5.426249	48.66584	15.89257	32.77327	32.05397	1
1696.185	1696.035	1093.535	81.06913	55.38862	80.13875	80.44888	59.22276	0.3622	40.41504	21.93959	18.47545	33.70268	1
1696.19	1696.04	1093.54	84.4805	65.90553	83.55829	82.81562	53.47595	1.95639	44.56766	17.07896	27.48869	32.96355	1
1696.195	1696.045	1093.545	84.07244	57.70647	83.10126	80.30198	56.21504	1.148244	42.63672	26.78451	15.85221	33.8975	1
1696.2	1696.05	1093.55	80.12243	45.65099	79.42873	78.04949	60.616	0.064177	39.31982	10.73278	28.58704	34.39511	1
1696.205	1696.055	1093.555	80.91406	38.44434	80.39175	80.0653	60.30348	0.215033	39.48149	26.7234	12.75809	34.32044	1
1696.21	1696.06	1093.56	80.9059	40.98199	80.13875	78.39226	61.59435	0	38.40565	11.73723	26.66842	34.46157	1
1696.215	1696.065	1093.565	84.14589	60.22414	83.99083	81.10993	49.21327	3.784169	47.00256	26.76769	20.23487	32.82092	1
1696.22	1696.07	1093.57	87.85107	78.72031	89.02628	90.61771	31.01882	11.66862	57.31256	36.3752	20.93736	30.48783	1
1696.225	1696.075	1093.575	83.51748	44.74516	82.87275	82.57895	57.33227	1.066393	41.60134	18.42616	23.17518	33.80588	1
1696.23	1696.08	1093.58	79.33896	26.36221	78.88193	76.67025	64.17046	0	35.82954	13.70484	22.1247	34.37958	1
1696.235	1696.085	1093.585	83.04413	61.70943	83.16655	82.32595	47.71698	4.279747	48.00327	15.57095	32.43232	32.18858	1
1696.24	1696.09	1093.59	83.73783	74.35769	83.50116	84.15405	46.80086	4.338138	48.86101	21.90565	26.95535	31.64196	1
1696.245	1696.095	1093.595	84.93753	44.14572	85.03546	85.07627	50.41522	3.820946	45.76383	16.8115	28.95234	32.71619	1
1696.25	1696.1	1093.6	84.29279	43.81269	83.55829	82.00766	57.54038	0.973046	41.48657	28.59369	12.89288	34.13691	1
1696.255	1696.105	1093.605	85.14972	86.51975	84.83959	80.3183	43.12795	5.459534	51.41252	32.71481	18.69771	32.11715	1
1696.26	1696.11	1093.61	80.92223	51.8519	80.22853	77.56798	58.37957	0.686035	40.9344	29.60812	11.32628	34.15112	1
1696.265	1696.115	1093.615	82.02399	56.91387	81.52615	80.2122	54.62297	1.848615	43.52841	17.20993	26.31848	33.24592	1
1696.27	1696.12	1093.62	77.60879	53.36383	76.45806	74.36064	64.604	0	35.396	19.86929	15.52671	33.6637	1
1696.275	1696.125	1093.625	78.55548	40.80881	77.89443	75.96839	62.9764	0	37.0236	9.724517	27.29908	34.17495	1
1696.28	1696.13	1093.63	81.61593	39.54998	81.29764	80.17956	57.80897	1.0332	41.15783	15.19741	25.96042	34.02216	1
1696.285	1696.135	1093.635	84.26831	48.75478	83.8929	82.75033	53.58396	2.382796	44.03324	22.3882	21.64504	33.30682	1
1696.29	1696.14	1093.64	83.27265	51.41231	82.92988	82.13008	53.60385	2.312408	44.08374	16.67005	27.41369	33.15223	1
1696.295	1696.145	1093.645	81.14258	61.40304	80.20404	76.68657	57.76294	0.764518	41.47254	19.43692	22.03561	34.04123	1
1696.3	1696.15	1093.65	76.68657	47.95552	75.797	74.94824	64.73728	0	35.26272	14.43397	20.82876	33.5182	1
1696.305	1696.155	1093.655	77.15176	63.79416	75.89494	75.38894	63.32256	0	36.67744	17.74174	18.93569	33.42401	1
1696.31	1696.16	1093.66	81.31396	49.94034	81.19971	80.67739	53.99108	2.179352	43.82957	21.3283	22.50127	33.0834	1
1696.315	1696.165	1093.665	82.56262	75.98285	82.79114	84.45602	43.88356	5.35507	50.76137	17.09254	33.66883	31.08589	1
1696.32	1696.17	1093.67	82.22802	96.39725	82.62791	83.84393	37.92288	7.084276	54.99284	25.53781	29.45503	30.42257	1
1696.325	1696.175	1093.675	79.36344	85.36748	77.72304	73.87097	59.03979	0.391401	40.56881	24.97878	15.59004	33.7448	1
1696.33	1696.18	1093.68	78.40858	57.67983	78.18007	73.316	55.67656	1.519027	42.80441	29.08875	13.71566	33.84584	1
1696.335	1696.185	1093.685	77.52717	65.06631	76.4907	73.15278	60.96159	0.041361	38.99704	26.97848	12.01857	34.2695	1
1696.34	1696.19	1093.69	79.20022	76.75547	77.79649	73.53636	59.43983	0.316833	40.24334	22.5386	17.70474	34.04794	1
1696.345	1696.195	1093.695	82.08927	107.1473	81.02832	78.35145	46.77062	3.752228	49.47716	20.77733	28.69983	31.60938	1
1696.35	1696.2	1093.7	79.75518	90.60929	77.63327	75.34814	61.14257	0	38.85743	26.50777	12.34966	33.37443	1
1696.355	1696.205	1093.705	75.74804	63.44781	75.26653	75.08698	58.68914	0.704063	40.6068	11.14282	29.46399	33.19508	1
1696.36	1696.21	1093.71	75.23388	58.17271	74.73605	73.43842	60.56523	0.204327	39.23044	15.80875	23.42169	33.80983	1
1696.365	1696.215	1093.715	72.63863	36.91909	71.89596	71.56951	69.99372	0	30.00628	8.829645	21.17664	32.91458	1
1696.37	1696.22	1093.72	75.24204	54.24968	74.69524	76.27851	61.88659	0	38.11341	6.613719	31.49969	33.3953	1
1696.375	1696.225	1093.725	74.19741	32.60975	73.57716	74.58915	68.65376	0	31.34624	11.91106	19.43519	32.83006	1
1696.38	1696.23	1093.73	70.76155	26.62863	70.45143	72.00205	70.85871	0	29.14129	19.23597	9.905324	32.43282	1
1696.385	1696.235	1093.735	70.23108	42.99345	69.36599	68.90081	71.6874	0	28.3126	6.473766	21.83883	32.83685	1
1696.39	1696.24	1093.74	72.42644	44.79845	71.81435	71.64296	67.27014	0	32.72986	22.57095	10.15891	33.05291	1
1696.395	1696.245	1093.745	71.21858	39.64323	70.49224	69.45577	70.51442	0	29.48558	13.22986	16.25572	32.98338	1
1696.4	1696.25	1093.75	74.4096	48.80806	73.89545	73.34865	63.71631	0	36.28369	16.29891	19.98477	33.5475	1
1696.405	1696.255	1093.755	77.0375	50.86615	76.36829	76.98854	62.00232	0	37.99768	22.13861	15.85907	33.65392	1
1696.41	1696.26	1093.76	74.98905	59.59805	74.58099	74.88295	59.74981	0.419685	39.83051	9.669425	30.16108	33.32277	1
1696.415	1696.265	1093.765	74.05051	56.50092	73.06301	72.29586	65.85345	0	34.14655	5.93941	28.20714	33.28191	1
1696.42	1696.27	1093.77	78.6371	64.70665	77.85362	78.57997	58.06678	0.791253	41.14196	19.05502	22.08694	33.08102	1
1696.425	1696.275	1093.775	79.3716	59.10518	78.49019	78.14742	59.50558	0.350489	40.14393	11.97975	28.16418	33.69033	1
1696.43	1696.28	1093.78	82.33411	60.44393	81.31396	80.83245	57.53133	0.764517	41.70415	25.28836	16.41579	33.53606	1
1696.435	1696.285	1093.785	81.62409	43.51297	81.22419	80.07346	57.47491	1.085421	41.43967	29.88099	11.55868	33.89922	1
1696.44	1696.29	1093.79	83.41955	37.65174	83.15839	82.80746	56.16627	1.673034	42.1607	31.35857	10.80213	33.71684	1

1696.445	1696.295	1093.795	84.90488	47.42268	84.75798	84.72534	51.5497	3.244573	45.20572	21.8906	23.31512	32.84184	1
1696.45	1696.3	1093.8	83.9337	54.00324	82.97068	81.06913	57.17561	0.885684	41.93871	15.7855	26.15321	33.94933	1
1696.455	1696.305	1093.805	82.78298	43.25321	82.39124	81.04464	56.40834	1.457716	42.13394	13.07597	29.05797	33.81779	1
1696.46	1696.31	1093.81	85.05178	73.35862	85.54145	86.62689	40.20462	7.126006	52.66937	34.92281	17.74657	31.02833	1
1696.465	1696.315	1093.815	84.80695	42.87356	84.84775	85.19869	51.28596	3.494844	45.2192	17.13106	28.08814	32.79442	1
1696.47	1696.32	1093.82	88.65903	49.86042	88.55293	88.29177	47.18971	5.226626	47.58366	25.5902	21.99346	32.40592	1
1696.475	1696.325	1093.825	84.56211	73.83818	84.42337	81.84444	45.40925	4.91645	49.6743	20.86062	28.81368	32.13568	1
1696.48	1696.33	1093.83	82.66056	56.86725	82.57895	81.54248	50.8229	3.214102	45.96299	14.18483	31.77817	32.67175	1
1696.485	1696.335	1093.835	85.93319	69.57546	86.39022	88.50396	40.56225	7.216356	52.2214	36.03272	16.18868	30.94279	1
1696.49	1696.34	1093.84	86.79828	53.23062	86.80644	88.6427	47.20053	4.979319	47.82016	27.23712	20.58304	31.90721	1
1696.495	1696.345	1093.845	82.70952	78.50718	81.86892	81.14258	51.42316	2.564363	46.01247	20.20481	25.80767	32.33829	1
1696.5	1696.35	1093.85	77.1844	59.56475	77.60063	78.33513	51.34997	2.722469	45.92756	24.47833	21.44923	32.10393	1
1696.505	1696.355	1093.855	77.87811	54.1964	78.01685	78.531	54.16138	1.962512	43.87611	26.76377	17.11233	32.6627	1
1696.51	1696.36	1093.86	80.51417	53.27059	80.08162	77.87811	56.38769	1.329938	42.28237	22.44987	19.8325	33.67037	1
1696.515	1696.365	1093.865	82.95436	58.0395	82.99517	79.58379	49.32018	3.757636	46.92218	18.11145	28.81073	32.90884	1
1696.52	1696.37	1093.87	80.22853	50.61305	79.73069	79.20022	57.7996	0.907546	41.29286	15.27744	26.01542	33.63322	1
1696.525	1696.375	1093.875	84.09693	54.01656	84.30096	81.90157	47.97759	4.452134	47.57027	30.80974	16.76053	32.66731	1
1696.53	1696.38	1093.88	81.90973	40.00289	81.63225	80.14691	57.11282	1.268788	41.61839	19.79299	21.8254	33.97266	1
1696.535	1696.385	1093.885	78.4249	47.85561	78.04949	77.11912	59.17749	0.525321	40.29719	9.634778	30.66241	33.89617	1
1696.54	1696.39	1093.89	83.42771	42.07431	83.39506	81.7057	53.31752	2.649222	44.03326	26.23357	17.79969	33.42651	1
1696.545	1696.395	1093.895	79.87759	46.27041	79.76334	79.81231	56.20066	1.45981	42.33953	25.74603	16.5935	33.31607	1
1696.55	1696.4	1093.9	81.17522	62.84837	81.82812	83.74599	45.04956	5.070222	49.88022	30.06858	19.81164	31.30679	1
1696.555	1696.405	1093.905	87.09208	49.42749	87.30427	87.05943	46.26936	5.59447	48.13617	33.19346	14.94271	32.23542	1
1696.56	1696.41	1093.91	82.70952	41.34831	82.3994	81.10177	56.30441	1.535291	42.1603	26.29173	15.86857	33.81746	1
1696.565	1696.415	1093.915	82.64424	56.7074	82.83194	81.79547	48.78938	3.969676	47.24094	27.66479	19.57615	32.41216	1
1696.57	1696.42	1093.92	83.10126	50.72628	83.05229	80.88142	51.65057	3.059132	45.29029	32.88121	12.40908	33.11542	1
1696.575	1696.425	1093.925	82.77481	48.04876	82.55446	81.68122	53.9271	2.264677	43.80823	19.55706	24.25117	33.24238	1
1696.58	1696.43	1093.93	78.86561	59.81785	78.31065	81.5996	57.26866	1.035377	41.69596	22.9887	18.70726	32.58097	1
1696.585	1696.435	1093.935	80.48152	63.95401	79.74702	81.46903	56.17255	1.288822	42.53862	27.7184	14.82022	32.71241	1
1696.59	1696.44	1093.94	78.61261	50.49982	78.09846	78.36778	59.44014	0.436481	40.12338	16.22597	23.89741	33.68147	1
1696.595	1696.445	1093.945	78.74319	59.22506	79.24918	78.21271	49.30235	3.458974	47.23867	22.80142	24.43725	32.2619	1
1696.6	1696.45	1093.95	79.84495	54.53608	80.04898	80.19588	51.76369	2.800678	45.43564	20.51099	24.92465	32.48525	1
1696.605	1696.455	1093.955	84.52131	63.05485	84.97833	86.92069	43.43917	6.059169	50.50166	18.39233	32.10932	31.2638	1
1696.61	1696.46	1093.96	84.52131	72.69923	85.76997	85.68019	34.97006	9.305791	55.72415	32.64597	23.07818	30.95701	1
1696.615	1696.465	1093.965	85.5741	49.66726	85.8271	84.4805	47.29163	4.997599	47.71077	15.64275	32.06803	32.50684	1
1696.62	1696.47	1093.97	82.13008	68.78953	82.08111	79.96737	48.17276	3.916506	47.91074	16.40408	31.50666	32.31517	1
1696.625	1696.475	1093.975	79.20022	46.80991	79.36344	80.93039	54.54282	1.954153	43.50303	16.69906	26.80397	32.73014	1
1696.63	1696.48	1093.98	80.53049	45.89077	80.43256	81.11809	55.56537	1.686234	42.74839	22.8978	19.85059	33.13565	1
1696.635	1696.485	1093.985	83.7868	68.92274	83.60725	81.76283	47.62832	4.160439	48.21124	25.18504	23.02619	32.28061	1
1696.64	1696.49	1093.99	83.03597	60.78362	83.44403	84.7335	45.73481	5.058252	49.20694	27.70679	21.50015	31.59008	1
1696.645	1696.495	1093.995	82.92988	46.50353	82.97884	79.91024	52.07116	2.993098	44.93574	13.58401	31.35172	33.40069	1
1696.65	1696.5	1094	83.06046	77.06185	84.34176	84.54579	35.00529	8.828488	56.16622	36.40013	19.76609	30.81877	1
1696.655	1696.505	1094.005	86.12906	78.96009	87.49198	90.09539	31.09031	11.18151	57.72818	23.76308	33.9651	30.28874	1
1696.66	1696.51	1094.01	83.0931	55.83488	82.77481	82.04847	52.50903	2.620228	44.87075	16.31186	28.55889	32.88913	1
1696.665	1696.515	1094.015	78.68606	44.63859	78.17191	77.1844	60.79098	0.059346	39.14967	16.44102	22.70866	34.28243	1
1696.67	1696.52	1094.02	80.16324	47.93554	79.39609	76.53967	60.59484	0.049636	39.35552	13.14497	26.21055	34.6198	1
1696.675	1696.525	1094.025	80.00817	41.1152	79.2247	78.04949	62.51452	0	37.48548	23.00767	14.47781	34.13268	1
1696.68	1696.53	1094.03	82.90539	50.20676	82.78298	82.51366	52.52574	2.737715	44.73655	23.82088	20.91567	32.88888	1
1696.685	1696.535	1094.035	80.58762	48.78808	80.07346	79.16757	58.03737	0.842771	41.11986	28.12268	12.99718	33.79755	1
1696.69	1696.54	1094.04	86.34125	63.66095	86.57792	86.14538	43.32587	6.262463	50.41166	27.61222	22.79945	31.74305	1
1696.695	1696.545	1094.045	88.04694	82.05056	87.54094	86.30861	43.06203	5.626403	51.31157	31.23818	20.07339	31.70526	1
1696.7	1696.55	1094.05	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1697.005	1696.855	1094.355	85.07627	50.52647	84.23567	82.32595	56.01709	1.337089	42.64582	20.63883	22.00699	33.86766	4
1697.01	1696.86	1094.36	77.22521	35.08745	76.66209	76.29484	64.82583	0	35.17417	8.373835	26.80033	33.63261	4
1697.015	1696.865	1094.365	76.90692	45.19141	76.07448	74.84215	64.76072	0	35.23928	23.95128	11.288	33.62234	4
1697.02	1696.87	1094.37	73.65061	36.33963	73.04669	71.83067	68.12768	0	31.87232	5.76119	26.11113	33.24135	4
1697.025	1696.874	1094.374	71.22674	28.3537	70.45143	68.46826	73.61847	0	26.38153	13.99969	12.38183	33.03741	4
1697.03	1696.879	1094.379	71.89596	59.59805	70.72075	68.93345	68.54087	0	31.45913	4.901697	26.55744	33.26463	4
1697.035	1696.884	1094.384	72.85898	72.81912	70.88397	68.35401	70.65381	0	29.34619	5.408092	23.9381	33.28316	4
1697.04	1696.889	1094.389	74.5157	120.0153	71.95309	70.86765	62.26208	0.582478	37.15544	8.744819	28.41062	32.66366	4
1697.045	1696.894	1094.394	73.38129	50.53313	72.24689	71.594	69.05183	0	30.94817	15.23405	15.71412	33.00756	4
1697.05	1696.899	1094.399	81.97502	187.7858	77.56798	73.43026	53.29336	1.086948	45.61969	29.41405	16.20564	31.13999	4
1697.055	1696.904	1094.404	81.15074	199.4017	76.4499	73.9689	53.51762	1.39483	45.08755	19.73742	25.35013	30.52423	4
1697.06	1696.909	1094.409	76.22139	115.5595	73.70774	72.56518	61.39167	0.414049	38.19428	23.50575	14.68852	32.76695	4
1697.065	1696.913	1094.413	76.13161	98.76172	74.5157	74.83398	58.58191	0.949835	40.46825	27.01212	13.45613	32.35742	4
1697.07	1696.918	1094.418	74.25454	72.91903	72.81817	72.4346	65.17127	0	34.82873	11.23973	23.589	33.19243	4
1697.075	1696.923	1094.423	83.28081	415.5545	75.37262	69.6598	24.10589	8.610944	67.28316	31.99691	35.28625	25.97527	4
1697.08	1696.928	1094.428	84.39073	379.2349	76.4499	69.08851	32.12712	5.438045	62.43484	34.00282	28.43202	26.93421	4
1697.085	1696.933	1094.433	80.00817	400.0356	71.36548	64.62435	36.56472	8.072521	55.36276	36.13665	19.22611	25.53943	4
1697.09	1696.938	1094.438	77.72304	379.0884	69.97808	67.06454	36.77887	9.171607	54.04953	19.21728	34.83225	24.92906	4
1697.095	1696.943	1094.443	75.21756	212.756	71.50422	71.33284	48.09126	4.918633	46.9901	33.4938	13.49631	28.49467	4
1697.1	1696.948	1094.448	72.79369	51.35237	72.73656	74.45041	61.04528	0.012313	38.94241	22.33401	16.6084	33.33309	4
1697.105	1696.952	1094.452	72.23873	82.66332	70.88397	70.85133	64.03521	0	35.96479	18.33582	17.62897	33.29558	4

1697.11	1696.957	1094.457	76.93957	309.5262	72.25505	70.85133	30.61527	9.627769	59.75696	29.27653	30.48044	26.1982	4
1697.115	1696.962	1094.462	72.17344	173.1794	69.71692	71.21858	50.72903	4.27642	44.99455	19.60471	25.38985	29.06355	4
1697.12	1696.967	1094.467	71.86331	64.59342	71.96941	73.77303	57.4319	0.972111	41.59598	11.77045	29.82553	32.35921	4
1697.125	1696.972	1094.472	70.29637	55.48853	69.93728	70.23924	64.68208	0	35.31792	10.0353	25.28262	33.061	4
1697.13	1696.977	1094.477	71.47974	48.52166	70.86765	68.65597	67.24009	0	32.75991	18.68899	14.07092	33.3904	4
1697.135	1696.982	1094.482	73.34049	59.14514	72.67943	69.46393	63.33681	0	36.66319	18.99	17.6732	33.97918	4
1697.14	1696.987	1094.487	73.316	58.49241	72.13263	70.33717	67.56524	0	32.43476	19.95135	12.48341	33.31032	2
1697.145	1696.991	1094.491	71.29203	85.13436	69.30886	67.79905	69.17836	0	30.82164	22.22746	8.594183	33.32018	2
1697.15	1696.996	1094.496	67.54605	40.5757	67.15431	66.01991	71.07428	0	28.92572	24.07317	4.852554	32.82161	2
1697.155	1697.001	1094.501	67.04822	30.46507	66.70545	66.73809	73.59956	0	26.40044	4.921022	21.47942	32.48554	2
1697.16	1697.006	1094.506	66.50958	45.31796	65.85668	66.11784	72.90417	0	27.09583	8.970972	18.12486	32.60458	2
1697.165	1697.011	1094.511	66.46877	56.40768	65.95462	66.09336	69.18277	0	30.81723	24.56205	6.255178	32.73065	2
1697.17	1697.016	1094.516	65.53024	51.19918	64.25709	63.21246	77.18885	0	22.81115	5.312547	17.4986	33.14293	2
1697.175	1697.021	1094.521	64.90999	52.71777	64.77125	61.62919	68.60035	0	31.39965	19.13108	12.26857	33.16748	2
1697.18	1697.026	1094.526	65.90565	31.56406	65.60369	64.95895	74.06852	0	25.93148	13.87358	12.0579	32.56523	2
1697.185	1697.03	1094.53	67.8725	40.02288	67.35834	65.84036	71.85646	0	28.14354	8.775457	19.36808	32.90881	2
1697.19	1697.035	1094.535	68.34585	33.90189	68.47642	68.37033	67.90558	0	32.09442	5.16778	26.92664	32.6701	2
1697.195	1697.04	1094.54	65.07321	47.71574	65.18747	65.45679	67.69995	0	32.30005	21.86799	10.43206	32.46082	2
1697.2	1697.045	1094.545	63.93065	41.31501	63.56339	65.30989	74.03179	0	25.96821	12.25609	13.71213	32.16514	2
1697.205	1697.05	1094.55	63.88984	31.4042	63.35936	62.71463	77.73273	0	22.26727	5.318546	16.94873	32.668	2
1697.21	1697.055	1094.555	63.75926	31.39088	63.2043	60.34789	78.04583	0	21.95417	7.092414	14.86176	33.09615	2
1697.215	1697.06	1094.56	63.03292	41.2151	62.27393	61.9638	77.91783	0	22.08217	10.30896	11.77321	32.79382	2
1697.22	1697.065	1094.565	65.46495	38.25119	64.60802	64.64067	77.15662	0	22.84338	11.1543	11.68907	32.70163	2
1697.225	1697.069	1094.569	64.78757	41.06857	63.59604	63.3512	79.69122	0	20.30878	5.154302	15.15448	33.00279	2
1697.23	1697.074	1094.574	65.35069	34.64786	64.55906	64.77941	77.62775	0	22.37225	22.37225	0	32.63183	2
1697.235	1697.079	1094.579	66.59119	47.78901	65.76691	64.77941	73.55933	0	26.44067	22.01385	4.426818	32.8967	2
1697.24	1697.084	1094.584	65.22011	47.5026	64.57538	63.88168	73.49855	0	26.50145	12.93314	13.56831	32.77942	2
1697.245	1697.089	1094.589	66.47693	41.54813	65.96278	66.50958	72.77127	0	27.22873	9.040772	18.18796	32.48894	2
1697.25	1697.094	1094.594	65.88933	38.74406	65.2446	65.84036	75.00244	0	24.99756	13.06192	11.93564	32.49295	2
1697.255	1697.099	1094.599	65.55472	51.09261	64.4448	62.74727	75.92713	0	24.07287	21.45468	2.618192	33.17416	2
1697.26	1697.104	1094.604	66.38716	52.39806	65.27724	63.48994	74.84537	0	25.15463	18.55202	6.602614	33.16657	2
1697.265	1697.108	1094.608	64.79573	52.85764	63.71846	66.30555	75.94527	0	24.05473	9.503591	14.55114	32.40282	2
1697.27	1697.113	1094.613	65.95462	37.21215	65.03241	63.71846	77.46357	0	22.53643	17.50274	5.033692	32.96833	2
1697.275	1697.118	1094.618	67.15431	45.57772	65.90565	63.74294	76.86534	0	23.13466	20.64539	2.489264	33.24159	2
1697.28	1697.123	1094.623	65.7914	46.19715	64.30606	61.85771	79.80355	0	20.19645	20.19645	0	33.5243	2
1697.285	1697.128	1094.628	66.95028	50.51315	65.65266	63.65317	76.23817	0	23.76183	16.79126	6.970566	33.25182	2
1697.29	1697.133	1094.633	67.0727	41.1818	66.80338	66.84419	70.41434	0	29.58566	20.20836	9.377295	32.57727	2
1697.295	1697.138	1094.638	67.60318	41.79457	66.51774	65.7914	76.10293	0	23.89707	21.89922	1.997855	32.88701	2
1697.3	1697.143	1094.643	68.52539	46.18383	67.55421	66.46877	73.3068	0	26.6932	18.86678	7.826415	32.93708	2
1697.305	1697.147	1094.647	72.10815	38.53093	71.56951	71.80619	68.51046	0	31.48954	14.91457	16.57496	32.87399	2
1697.31	1697.152	1094.652	71.02271	31.63732	70.51672	70.19027	70.92432	0	29.07568	15.05053	14.02515	32.79881	2
1697.315	1697.157	1094.657	70.36982	102.2385	67.70927	66.02807	71.13728	0	28.86272	12.38801	16.47471	33.55017	2
1697.32	1697.162	1094.662	70.66362	124.5511	68.3132	67.30121	63.06385	1.099176	35.83697	22.10405	13.73292	32.34959	2
1697.325	1697.167	1094.667	69.48025	31.96368	69.08035	69.18645	71.44217	0	28.55783	7.148312	21.40952	32.62416	2
1697.33	1697.172	1094.672	70.10866	31.9104	69.78221	70.20659	70.30768	0	29.69232	8.967482	20.72484	32.6291	2
1697.335	1697.177	1094.677	72.89978	41.29503	72.25505	72.92427	67.93548	0	32.06452	17.25986	14.80466	32.86156	2
1697.34	1697.182	1094.682	73.7159	41.24841	73.07117	72.00205	67.19594	0	32.80406	23.51346	9.290596	33.27242	2
1697.345	1697.186	1094.686	73.36497	39.07043	72.6223	72.24689	68.80486	0	31.19514	14.59692	16.59823	33.00754	2
1697.35	1697.191	1094.691	73.47923	41.00863	72.92427	71.05536	66.77596	0	33.22404	20.96153	12.2625	33.45221	2
1697.355	1697.196	1094.696	73.79751	54.44949	74.25454	76.48254	55.38756	1.409812	43.20263	30.26124	12.94139	32.30311	2
1697.36	1697.201	1094.701	74.49938	52.8976	74.40144	75.73171	59.41834	0.443961	40.13769	16.24142	23.89628	33.18091	2
1697.365	1697.206	1094.706	75.83781	49.70723	75.41343	76.78451	61.48902	0	38.51098	18.72124	19.78974	33.57151	2
1697.37	1697.211	1094.711	77.60063	52.46467	77.41292	78.81664	57.36571	1.034031	41.60026	26.50267	15.0976	33.0075	2
1697.375	1697.216	1094.716	80.08162	36.25304	80.42439	80.97935	54.89521	2.005241	43.09955	25.90797	17.19159	33.19841	2
1697.38	1697.221	1094.721	78.34329	35.34055	78.26168	78.81664	60.00425	0.329051	39.6667	14.53244	25.13426	34.00356	2
1697.385	1697.225	1094.725	76.94773	32.4166	76.42541	76.51519	65.41122	0	34.58878	16.92795	17.66083	33.48946	2
1697.39	1697.23	1094.73	79.05332	30.31188	79.00435	77.71488	60.31497	0.282182	39.40285	22.7629	16.63994	34.53614	2
1697.395	1697.235	1094.735	80.51417	40.34924	80.11427	80.04898	59.26166	0.539958	40.19838	15.96448	24.23391	34.00698	2
1697.4	1697.24	1094.74	79.46954	32.31003	79.04515	79.36344	62.35796	0	37.64204	9.622662	28.01938	34.13115	2
1697.405	1697.245	1094.745	80.26117	32.39662	79.73885	80.01633	62.36769	0	37.63231	10.33141	27.3009	34.16312	2
1697.41	1697.25	1094.75	78.59629	28.32706	78.40042	79.34712	62.35425	0	37.64575	19.67314	17.97262	34.07267	2
1697.415	1697.255	1094.755	77.38843	33.46895	76.9967	77.09463	63.73911	0	36.26089	12.46117	23.79972	33.76722	2
1697.42	1697.26	1094.76	79.53483	44.43878	78.92274	79.39609	60.81746	0.031492	39.15104	22.97936	16.17169	34.06739	2
1697.425	1697.264	1094.764	79.23286	47.54257	78.97986	79.24918	57.56119	1.013119	41.42569	22.47789	18.9478	33.43646	2
1697.43	1697.269	1094.769	78.94722	52.83766	78.06581	78.09846	61.41275	0	38.58725	14.63142	23.95583	33.83739	2
1697.435	1697.274	1094.774	80.2122	64.04726	78.88193	78.48203	61.01495	0	38.98505	25.92009	13.06496	33.65827	2
1697.44	1697.279	1094.779	80.88142	75.99617	80.16324	83.0931	52.76395	2.243305	44.99275	31.54823	13.44452	31.76917	2
1697.445	1697.284	1094.784	80.20404	81.86406	80.26117	84.96201	45.95843	4.399944	49.64162	18.44896	31.19267	30.49654	2
1697.45	1697.289	1094.789	79.86127	81.93067	79.82863	83.37874	46.9534	4.064074	48.98252	30.01964	18.96288	30.78748	2
1697.455	1697.294	1094.794	79.15941	103.0577	78.03317	78.43307	50.96175	2.711743	46.3265	18.92734	27.39916	31.37404	2
1697.46	1697.299	1094.799	79.14309	100.8864	77.61695	74.86663	54.60144	1.663567	43.735	29.81192	13.92307	32.48837	2
1697.465	1697.303	1094.803	79.80414	85.62724	79.63276	79.20022	47.18663	3.952405	48.86097	28.6902	20.17077	31.47519	2
1697.47	1697.308	1094.808	81.37925	72.14641	81.22419	79.57563	48.87339	3.591696	47.53491	27.44259	20.09233	32.2086	2

1697.475	1697.313	1094.813	82.97068	85.78709	82.08111	78.86561	49.80065	2.988622	47.21072	17.94117	29.26956	32.47041	2
1697.48	1697.318	1094.818	79.55931	65.31941	78.15559	78.10662	61.87699	0	38.12301	8.514976	29.60803	33.41992	2
1697.485	1697.323	1094.823	76.90692	66.71811	75.61746	75.29917	63.09321	0	36.90679	12.55501	24.35178	33.38387	2
1697.49	1697.328	1094.828	77.77201	55.12886	76.91509	75.98471	61.74973	0	38.25027	12.34169	25.90858	33.90539	2
1697.495	1697.333	1094.833	75.28285	31.0179	74.8095	74.31167	66.9019	0	33.0981	22.12852	10.96958	33.34146	2
1697.5	1697.338	1094.838	75.33182	39.41011	74.6626	72.99772	66.34391	0	33.65609	19.42181	14.23428	33.5336	2
1697.505	1697.342	1094.842	80.27749	58.74551	80.33462	76.88244	51.48555	2.864733	45.64972	28.93177	16.71794	33.04951	2
1697.51	1697.347	1094.847	80.2122	56.18788	80.17956	75.81333	52.8603	2.442092	44.69761	21.66259	23.03502	33.44974	2
1697.515	1697.352	1094.852	75.34814	46.05728	75.60114	74.89927	57.57313	0.893168	41.5337	20.56597	20.96774	33.4369	2
1697.52	1697.357	1094.857	73.47923	43.54627	73.316	73.98522	63.12589	0	36.87411	11.41096	25.46315	33.36928	2
1697.525	1697.362	1094.862	71.67561	37.9448	71.06352	71.41445	69.61949	0	30.38051	9.247656	21.13286	32.769	2
1697.53	1697.367	1094.867	75.18492	35.04749	75.19308	74.41776	62.28514	0	37.71486	17.26701	20.44785	33.98228	2
1697.535	1697.372	1094.872	75.98471	35.15406	75.42159	73.94442	65.95098	0	34.04902	22.47385	11.57518	33.62109	2
1697.54	1697.377	1094.877	77.27418	27.16813	77.04566	75.28285	64.10404	0	35.89596	24.37768	11.51828	34.16385	1
1697.545	1697.381	1094.881	76.303	32.42326	75.84597	74.53202	65.49677	0	34.50323	11.03348	23.46976	33.70751	1
1697.55	1697.386	1094.886	74.6626	42.58716	74.09948	73.88729	65.36851	0	34.63149	7.962693	26.6688	33.33167	1
1697.555	1697.391	1094.891	75.73171	31.37756	75.45423	75.2502	64.88392	0	35.11608	8.552213	26.56386	33.57525	1
1697.56	1697.396	1094.896	75.83781	33.17589	75.47056	75.29917	65.04686	0	34.95314	24.40374	10.5494	33.5273	1
1697.565	1697.401	1094.901	78.1311	38.58421	77.75569	77.71488	61.69147	0	38.30853	17.07938	21.22915	34.11225	1
1697.57	1697.406	1094.906	78.64526	32.65638	78.80032	79.76334	58.54179	0.793582	40.66463	28.79864	11.86599	33.72846	1
1697.575	1697.411	1094.911	78.62077	30.03214	79.08596	80.48152	56.79591	1.345128	41.85896	16.96216	24.8968	33.39778	1
1697.58	1697.416	1094.916	76.86612	35.59365	77.45372	78.44123	56.11557	1.37515	42.50928	27.38804	15.12124	33.17801	1
1697.585	1697.42	1094.92	74.94008	48.27522	74.05051	74.9156	66.26668	0	33.73332	17.43501	16.29831	32.9832	1
1697.59	1697.425	1094.925	74.23006	44.83175	73.65061	74.03419	65.34975	0	34.65025	16.77978	17.87047	33.18957	1
1697.595	1697.43	1094.93	75.42975	51.80528	75.4624	77.21705	57.81475	0.862253	41.32299	24.83244	16.49055	32.9066	1
1697.6	1697.435	1094.935	74.13212	43.58624	73.28336	73.07117	67.82849	0	32.17151	11.82033	20.35118	33.04891	1
1697.605	1697.44	1094.94	75.92758	55.23543	76.06632	78.84929	55.70441	1.446847	42.84874	27.37149	15.47725	32.34021	1
1697.61	1697.445	1094.945	75.64194	48.10871	75.09514	75.64194	63.0048	0	36.9952	7.675983	29.31922	33.49169	1
1697.615	1697.45	1094.95	74.39328	39.39013	73.45474	73.85464	69.29942	0	30.70058	11.42644	19.27414	32.83334	1
1697.62	1697.455	1094.955	74.62995	33.19587	73.66694	73.37313	70.77044	0	29.22956	12.23332	16.99624	32.88466	1
1697.625	1697.459	1094.959	75.54401	33.47562	74.6626	74.04235	69.22932	0	30.77068	20.52781	10.24287	33.08149	1
1697.63	1697.464	1094.964	73.80568	25.90264	73.12014	72.0347	71.14327	0	28.85673	21.66752	7.18921	33.0393	1
1697.635	1697.469	1094.969	73.08749	24.98349	72.96507	73.13646	67.66224	0	32.33776	14.76672	17.57104	33.04478	1
1697.64	1697.474	1094.974	75.49504	26.00921	75.33998	74.40144	65.45207	0	34.54793	12.88842	21.65951	33.68509	1
1697.645	1697.479	1094.979	77.76385	39.33685	77.82914	77.36395	58.43175	0.758139	40.81011	11.16492	29.64519	33.79857	1
1697.65	1697.484	1094.984	78.45755	58.47243	78.24536	76.9967	55.31321	1.623772	43.06302	23.694	19.36902	33.09825	1
1697.655	1697.489	1094.989	75.49504	52.00509	75.69091	77.21705	56.44135	1.221706	42.33694	12.42234	29.91461	32.72844	1
1697.66	1697.494	1094.994	71.25939	38.87727	72.01838	69.52106	59.15089	0.17914	40.66997	19.38602	21.28395	33.97247	1
1697.665	1697.498	1094.998	75.16043	63.38121	76.24587	74.06683	47.10201	3.702124	49.19586	15.53202	33.66384	32.00654	1
1697.67	1697.503	1095.003	75.04618	59.77788	75.60114	70.47591	52.19033	2.335402	45.47427	19.33102	26.14325	33.17477	1
1697.675	1697.508	1095.008	74.93192	50.32665	74.75237	71.83067	60.27507	0.219323	39.50561	24.21447	15.29114	34.19451	1
1697.68	1697.513	1095.013	71.80619	49.98031	71.90412	69.76589	61.08408	0	38.91592	14.3457	24.57022	33.96202	1
1697.685	1697.518	1095.018	72.50805	42.60715	71.98573	71.32468	67.02961	0	32.97039	16.54541	16.42498	33.15746	4
1697.69	1697.523	1095.023	75.13595	57.22026	74.08316	72.96507	65.18677	0	34.81323	19.14799	15.66524	33.39746	4
1697.695	1697.528	1095.028	74.14845	30.43177	74.28719	74.69524	63.34371	0	36.65629	17.70415	18.95214	33.55108	4
1697.7	1697.533	1095.033	76.4499	52.91758	75.95207	73.89545	60.71824	0.117761	39.164	8.255782	30.90822	34.15333	4
1697.705	1697.537	1095.037	73.52003	42.09429	72.95691	70.6881	66.53894	0	33.46106	12.21625	21.24481	33.54213	4
1697.71	1697.542	1095.042	70.87581	26.11578	70.98191	69.73325	67.652	0	32.348	12.93274	19.41526	33.10269	4
1697.715	1697.547	1095.047	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1698.005	1697.83	1095.33	86.39022	21.65991	86.21883	85.68836	56.60753	2.04191	41.35056	26.21097	15.13959	34.19316	4
1698.01	1697.835	1095.335	83.06862	27.26138	82.5463	81.73018	61.02756	0.099431	38.873	27.3258	11.5472	34.85711	4
1698.015	1697.84	1095.34	77.64959	26.83511	77.47821	76.4499	63.39651	0	36.60349	9.662692	26.9408	34.18777	4
1698.02	1697.845	1095.345	74.23006	22.39922	73.69958	72.72024	70.39893	0	29.60107	9.549677	20.05139	33.10842	4
1698.025	1697.849	1095.349	70.47591	30.07211	69.32519	68.06836	76.80284	0	23.19716	23.09889	0.098269	32.90101	4
1698.03	1697.854	1095.354	70.95742	22.26601	70.17395	69.32519	75.40271	0	24.59729	18.93668	5.660604	32.77776	4
1698.035	1697.859	1095.359	72.89978	48.79474	71.65112	70.22292	70.80099	0	29.19901	21.71577	7.483236	33.0486	4
1698.04	1697.864	1095.364	76.10713	46.52351	74.61363	73.21807	70.29735	0	29.70265	24.13837	5.564285	32.95863	4
1698.045	1697.869	1095.369	73.69142	22.15945	72.90795	71.53687	72.91323	0	27.08677	7.555307	19.53146	32.99897	4
1698.05	1697.874	1095.374	78.18007	39.70983	77.27418	76.93141	65.48521	0	34.51479	17.87475	16.64003	33.42782	4
1698.055	1697.879	1095.379	73.77303	68.4232	72.39379	68.00308	66.25951	0	33.74049	9.00077	24.73972	33.85437	4
1698.06	1697.884	1095.384	72.89162	54.62933	71.38997	68.25607	71.35725	0	28.64275	10.17515	18.4676	33.33661	4
1698.065	1697.888	1095.388	74.97272	54.73589	73.72406	72.85082	67.45613	0	32.54387	6.017245	26.52663	33.11969	4
1698.07	1697.893	1095.393	72.33666	29.99218	71.87148	71.93677	69.79736	0	30.20264	14.55188	15.65076	32.83717	4
1698.075	1697.898	1095.398	72.63047	35.20068	72.19792	71.72457	68.01361	0	31.98639	20.20225	11.78414	33.06348	4
1698.08	1697.903	1095.403	72.19792	28.12058	71.56135	70.40246	71.70616	0	28.29384	6.652282	21.64155	32.96114	4
1698.085	1697.908	1095.408	73.75671	57.67317	72.79369	71.98573	65.65032	0	34.34968	11.58657	22.7631	33.29037	4
1698.09	1697.913	1095.413	71.52054	42.68041	70.17395	68.73758	74.30855	0	25.69145	11.19236	14.49909	32.96949	4
1698.095	1697.918	1095.418	70.56569	22.29932	69.85566	68.38665	75.18581	0	24.81419	10.25527	14.55892	32.88003	4
1698.1	1697.923	1095.423	69.9536	24.97017	69.1538	68.95793	75.79833	0	24.20167	17.34243	6.859248	32.64723	4
1698.105	1697.927	1095.427	71.40629	40.34258	70.28005	69.35783	73.27169	0	26.72831	4.989297	21.73901	32.87928	4
1698.11	1697.932	1095.432	72.06734	43.65284	71.38997	71.55319	68.38374	0	31.61626	6.381613	25.23465	32.88686	4
1698.115	1697.937	1095.437	70.81052	40.42917	69.57002	67.85617	74.68433	0	25.31567	18.04249	7.273179	33.02059	4
1698.12	1697.942	1095.442	70.98191	38.27117	69.89647	69.71692	73.84716	0	26.15284	18.12877	8.024069	32.72744	4

1698.125	1697.947	1095.447	70.76155	39.04378	70.86765	72.36931	64.62853	0	35.37147	15.41147	19.96	32.8205	4
1698.13	1697.952	1095.452	69.57002	36.81918	69.52106	68.81103	67.46483	0	32.53517	16.75137	15.78379	32.9263	4
1698.135	1697.957	1095.457	71.61848	32.9894	71.34916	70.18211	68.21479	0	31.78521	7.167792	24.61742	33.11748	4
1698.14	1697.962	1095.462	74.47489	109.4385	72.38563	71.05536	61.19077	0.668681	38.14055	26.18766	11.95289	32.73664	4
1698.145	1697.966	1095.466	73.40578	73.35862	73.18543	73.10381	56.42163	1.346888	42.23149	18.44414	23.78735	32.44117	4
1698.15	1697.971	1095.471	72.71208	51.15921	72.36115	70.40246	63.44407	0	36.55593	6.211888	30.34404	33.72487	4
1698.155	1697.976	1095.476	73.34865	41.98772	73.58532	74.65444	60.52399	0.038464	39.43755	16.73018	22.70736	33.58781	4
1698.16	1697.981	1095.481	71.21042	37.80493	70.94926	68.91713	67.36159	0	32.63841	11.83173	20.80668	33.3081	4
1698.165	1697.986	1095.486	67.40731	80.88497	65.5384	61.8169	72.89517	0	27.10483	5.886634	21.2182	33.88721	4
1698.17	1697.991	1095.491	63.74294	33.07599	63.42465	63.17166	75.81882	0	24.18118	15.72119	8.459987	32.46194	4
1698.175	1697.996	1095.496	63.04924	38.63749	62.07806	62.55957	80.17108	0	19.82892	18.6936	1.135325	32.81619	4
1698.18	1698.001	1095.501	66.38716	60.76364	65.6853	66.86051	69.65844	0	30.34156	24.36419	5.977374	32.5962	4
1698.185	1698.005	1095.505	68.46826	90.73584	66.64016	67.05638	69.21894	0	30.78106	7.963756	22.81731	33.17019	4
1698.19	1698.01	1095.51	69.8475	34.55461	69.6598	70.06785	68.83281	0	31.16719	10.01931	21.14787	32.67099	4
1698.195	1698.015	1095.515	69.4068	24.59718	68.52539	66.95028	77.02414	0	22.97586	10.08158	12.89429	32.91234	4
1698.2	1698.02	1095.52	75.5032	39.35683	74.96456	72.91611	65.18715	0	34.81285	19.74795	15.06491	33.75361	4
1698.205	1698.025	1095.525	79.95921	75.52994	79.40425	75.39711	52.46023	2.376825	45.16295	28.64599	16.51696	32.95283	4
1698.21	1698.03	1095.53	81.24051	44.65192	80.62842	80.35094	59.19665	0.49385	40.3095	17.11993	23.18956	33.9927	4
1698.215	1698.035	1095.535	78.94722	28.24713	78.91458	78.11478	60.78575	0.148546	39.06571	16.64188	22.42383	34.56218	4
1698.22	1698.04	1095.54	80.14691	71.1207	78.46571	77.15992	62.08296	0	37.91704	23.25312	14.66392	33.39646	4
1698.225	1698.044	1095.544	79.76334	38.97718	79.02883	77.76385	62.87768	0	37.12232	23.30684	13.81548	34.11717	4
1698.23	1698.049	1095.549	77.93523	42.70705	77.1436	76.8498	64.09965	0	35.90035	22.72819	13.17216	33.59745	4
1698.235	1698.054	1095.554	77.37211	35.51372	77.47821	79.44505	59.4011	0.47176	40.12714	23.09508	17.03206	33.57065	4
1698.24	1698.059	1095.559	77.25786	37.87154	76.61312	74.47489	64.75454	0	35.24546	19.11199	16.13347	33.9106	4
1698.245	1698.064	1095.564	81.04464	37.58514	80.26117	78.03317	62.41524	0	37.58476	7.48033	30.10443	34.44388	4
1698.25	1698.069	1095.569	79.25734	41.44822	78.97986	76.78451	59.20324	0.550519	40.24624	21.07661	19.16962	34.29053	4
1698.255	1698.074	1095.574	74.42593	31.71725	73.8628	72.89162	68.21677	0	31.78323	17.8926	13.89063	33.23613	4
1698.26	1698.079	1095.579	73.45474	44.17902	73.1691	69.90463	63.94403	0	36.05597	17.79665	18.25931	33.98467	4
1698.265	1698.083	1095.583	71.25939	84.44833	71.30835	67.93779	53.62537	2.082294	44.29233	14.63604	29.6563	32.28173	4
1698.27	1698.088	1095.588	69.37415	77.79451	68.33768	66.15049	65.38215	0	34.61785	5.701176	28.91667	33.58798	4
1698.275	1698.093	1095.593	68.03572	57.63987	66.95844	66.9258	71.80718	0	28.19282	5.379323	22.8135	32.84182	4
1698.28	1698.098	1095.598	63.38385	35.19402	63.07372	60.3234	75.57338	0	24.42662	22.21613	2.21049	32.92378	4
1698.285	1698.103	1095.603	59.40119	29.55259	58.65852	56.8141	83.95485	0	16.04515	6.321999	9.723149	33.37737	4
1698.29	1698.108	1095.608	59.0421	33.93519	58.42185	57.66286	82.27589	0	17.72411	17.72411	0	33.01979	4
1698.295	1698.113	1095.613	56.74881	28.40698	56.47949	56.708	83.00383	0	16.99617	12.20489	4.791275	32.63339	4
1698.3	1698.118	1095.618	57.08341	26.24899	56.47133	55.54911	85.87469	0	14.12531	13.62093	0.504382	33.31855	4
1698.305	1698.122	1095.622	59.07474	31.34426	58.6422	58.87071	81.41813	0	18.58187	18.58187	0	32.63348	4
1698.31	1698.127	1095.627	60.75595	28.25379	60.89469	60.25811	76.19188	0	23.80812	16.40397	7.40415	32.20782	4
1698.315	1698.132	1095.632	62.22496	35.1807	61.47413	61.49861	80.05823	0	19.94177	18.07838	1.863386	32.7715	4
1698.32	1698.137	1095.637	67.78272	43.10668	67.12983	66.83603	72.26801	0	27.73199	23.88362	3.848367	32.70941	4
1698.325	1698.142	1095.642	62.29025	47.9755	60.96814	59.07474	81.32926	0	18.67074	15.10241	3.568327	33.60281	4
1698.33	1698.147	1095.647	60.81307	35.64693	59.7358	59.31142	83.7743	0	16.2257	16.2257	0	33.31818	4
1698.335	1698.152	1095.652	60.12754	43.39308	58.59323	57.23848	86.07238	0	13.92762	7.221946	6.705671	34.08045	4
1698.34	1698.157	1095.657	61.22929	43.44637	60.09489	57.63837	81.94666	0	18.05334	16.11994	1.933397	33.648	4
1698.345	1698.161	1095.661	65.45679	24.90357	65.53024	65.4323	73.18385	0	26.81615	19.59062	7.225533	32.2793	4
1698.35	1698.166	1095.666	65.48127	40.64896	65.55472	65.17115	69.35094	0	30.64906	15.10177	15.54729	32.50211	4
1698.355	1698.171	1095.671	64.16732	36.69263	63.77558	63.87352	75.12241	0	24.87759	15.60928	9.268308	32.44936	4
1698.36	1698.176	1095.676	67.11351	37.45859	66.39532	64.02042	74.75652	0	25.24348	9.432781	15.8107	33.0544	4
1698.365	1698.181	1095.681	66.72177	45.05821	65.75875	63.42465	75.17529	0	24.82471	10.69094	14.13378	33.16324	4
1698.37	1698.186	1095.686	64.65699	29.89893	64.25709	62.28209	76.37924	0	23.62076	7.888044	15.73272	32.8154	4
1698.375	1698.191	1095.691	65.47311	30.98459	64.95895	61.25378	76.25117	0	23.74883	9.370499	14.37834	33.1945	4
1698.38	1698.196	1095.696	67.44812	64.85318	66.33819	62.62486	70.85515	0	29.14485	14.85626	14.28859	33.59853	4
1698.385	1698.2	1095.7	68.99874	58.91868	67.8725	65.26092	70.99122	0	29.00878	5.805001	23.20378	33.33719	4
1698.39	1698.205	1095.705	72.67943	49.51407	72.05918	71.09616	65.95945	0	34.04055	17.90293	16.13761	33.29207	1
1698.395	1698.21	1095.71	72.54885	72.76584	72.82633	71.98573	53.49525	1.983342	44.52141	28.85379	15.66761	32.13445	1
1698.4	1698.215	1095.715	70.27188	90.96229	70.88397	70.14131	48.59331	3.193025	48.21367	26.58131	21.63236	31.03879	1
1698.405	1698.22	1095.72	68.87632	57.4667	68.90081	68.37033	62.5371	0	37.4629	19.5598	17.90311	33.26007	1
1698.41	1698.225	1095.725	71.96125	48.20862	71.90412	71.72457	62.57191	0	37.42809	18.36538	19.06271	33.44056	1
1698.415	1698.23	1095.73	68.26423	28.58682	67.90514	67.75824	73.06186	0	26.93814	20.93945	5.99869	32.55474	1
1698.42	1698.235	1095.735	69.50473	28.06064	69.17829	68.91713	71.79494	0	28.20506	10.32529	17.87978	32.6528	1
1698.425	1698.239	1095.739	68.28872	26.29561	67.78272	67.08902	74.73229	0	25.26771	21.24936	4.018351	32.66072	1
1698.43	1698.244	1095.744	68.54987	24.58386	68.38665	66.94212	72.2498	0	27.7502	10.59002	17.16018	32.77276	1
1698.435	1698.249	1095.749	69.18645	25.64288	68.90081	68.59884	72.35661	0	27.64339	8.231874	19.41151	32.61659	1
1698.44	1698.254	1095.754	66.86051	27.00162	65.98726	65.3915	78.7216	0	21.2784	10.09399	11.18441	32.77544	1
1698.445	1698.259	1095.759	71.34916	32.80291	70.6881	69.1538	71.54365	0	28.45635	6.975188	21.48116	33.00812	1
1698.45	1698.264	1095.764	71.98573	50.18012	71.06352	69.82302	68.77669	0	31.22331	13.42954	17.79376	33.12251	1
1698.455	1698.269	1095.769	74.09132	37.61178	73.55268	73.80568	66.90838	0	33.09162	16.07285	17.01876	33.08266	1
1698.46	1698.274	1095.774	71.92044	33.22918	71.52054	71.25939	68.89094	0	31.10906	20.00391	11.10515	32.92415	1
1698.465	1698.278	1095.778	72.77737	36.65267	72.37747	72.32034	67.27409	0	32.72591	18.60555	14.12036	33.04664	1
1698.47	1698.283	1095.783	73.13646	52.49797	72.92427	73.4221	61.65443	0	38.34557	17.84427	20.5013	33.50611	1
1698.475	1698.288	1095.788	77.94339	46.53683	78.30249	79.82863	54.2472	1.9706	43.7822	26.37927	17.40293	32.62319	1
1698.48	1698.293	1095.793	76.27851	48.49502	76.16426	75.19308	58.97346	0.566394	40.46014	20.0782	20.38195	33.71424	1
1698.485	1698.298	1095.798	76.51519	74.23781	76.00103	76.06632	55.62518	1.538235	42.83659	23.37193	19.46466	32.46524	1

1698.49	1698.303	1095.803	79.10228	67.23097	78.80032	78.88193	53.29622	2.188605	44.51517	17.01772	27.49745	32.41724	1
1698.495	1698.308	1095.808	79.48586	56.46096	79.82863	80.88958	50.55299	3.147451	46.29956	17.81315	28.4864	32.09214	1
1698.5	1698.313	1095.813	78.54732	47.60251	78.6779	79.34712	55.20467	1.712792	43.08254	21.25499	21.82755	32.93368	1
1698.505	1698.317	1095.817	77.16808	49.31426	78.21271	80.62026	48.97542	3.442907	47.58167	28.32437	19.25731	31.69902	1
1698.51	1698.322	1095.822	75.76436	47.61583	75.05434	74.23006	64.27643	0	35.72357	16.27239	19.45118	33.55925	1
1698.515	1698.327	1095.827	74.97272	54.26966	73.5282	72.85082	69.08694	0	30.91306	11.37083	19.54224	32.92944	1
1698.52	1698.332	1095.832	76.06632	45.27134	75.28285	76.18058	65.13524	0	34.86476	16.55878	18.30599	33.15399	1
1698.525	1698.337	1095.837	75.80517	51.15255	75.42159	74.32799	60.85304	0.081514	39.06544	17.30256	21.76288	33.99022	1
1698.53	1698.342	1095.842	73.13646	21.14705	73.11198	71.83067	67.78662	0	32.21338	10.14445	22.06893	33.31814	1
1698.535	1698.347	1095.847	74.49938	59.14514	73.65061	67.65214	63.72536	0	36.27464	25.57283	10.70181	34.45807	1
1698.54	1698.352	1095.852	74.71973	52.77105	74.1158	70.1005	63.16769	0	36.83231	24.89079	11.94151	34.22077	1
1698.545	1698.356	1095.856	76.85796	51.94515	76.72738	76.76818	57.73194	0.920126	41.34793	24.35908	16.98885	33.27836	1
1698.55	1698.361	1095.861	75.52768	55.15551	75.81333	74.36064	54.95318	1.625763	43.42106	26.13219	17.28887	32.98367	1
1698.555	1698.366	1095.866	78.40858	34.48801	78.75135	77.23337	56.86154	1.279568	41.85889	29.29697	12.56192	33.84441	1
1698.56	1698.371	1095.871	80.94671	40.71557	80.97935	79.81231	55.42286	1.818002	42.75913	23.53007	19.22906	33.55088	1
1698.565	1698.376	1095.876	79.74702	46.43027	78.86561	76.41725	62.22753	0	37.77247	18.36943	19.40304	34.26584	1
1698.57	1698.381	1095.881	79.46137	34.15499	78.91458	78.01685	62.86772	0	37.13228	6.87809	30.25419	34.18048	1
1698.575	1698.386	1095.886	80.38359	32.44324	80.05714	78.56364	60.7258	0.152712	39.12149	19.65891	19.46258	34.67557	1
1698.58	1698.391	1095.891	81.77915	34.84102	81.29764	78.531	60.06336	0.329239	39.6074	18.87427	20.73314	34.81823	1
1698.585	1698.395	1095.895	83.30529	30.27858	83.36242	83.37874	55.58897	2.070926	42.3401	29.89001	12.45009	33.64317	1
1698.59	1698.4	1095.9	81.79547	42.62713	81.44454	80.59578	57.15211	1.210283	41.6376	14.64269	26.99491	33.79326	1
1698.595	1698.405	1095.905	80.76716	36.55942	80.23669	79.6654	60.95802	0.025972	39.016	12.39395	26.62205	34.49833	1
1698.6	1698.41	1095.91	79.17573	23.55149	78.88193	78.43307	63.73584	0	36.26416	22.65157	13.6126	34.19535	1
1698.605	1698.415	1095.915	78.01685	28.73335	77.82914	76.41725	62.72576	0	37.27424	13.51092	23.76332	34.36858	1
1698.61	1698.42	1095.92	78.94722	40.92204	78.86561	80.69371	58.09792	0.888013	41.01407	11.5665	29.44758	33.34075	1
1698.615	1698.425	1095.925	78.52284	42.73369	78.86561	77.93523	54.76097	1.875979	43.36305	28.9495	14.41355	33.25171	1
1698.62	1698.43	1095.93	79.13493	29.3994	79.15941	81.02832	59.89147	0.42226	39.68627	19.2367	20.44957	33.88417	1
1698.625	1698.434	1095.934	77.17624	74.41764	78.31065	79.57563	42.19715	5.346987	52.45586	37.19521	15.26065	30.83634	1
1698.63	1698.439	1095.939	76.52335	61.07668	76.78451	77.71488	52.79399	2.274462	44.93155	23.19487	21.73668	32.17287	1
1698.635	1698.444	1095.944	76.86612	45.14479	76.89876	77.38027	58.10513	0.812179	41.08269	22.83075	18.25194	33.39646	1
1698.64	1698.449	1095.949	75.12779	62.1357	73.316	71.41445	69.88691	0	30.11309	17.694	12.41909	33.02679	1
1698.645	1698.454	1095.954	85.31294	48.60825	84.82327	83.14207	53.54385	2.387701	44.06845	29.03094	15.03752	33.43748	1
1698.65	1698.459	1095.959	83.6399	36.16645	83.17471	81.89341	57.90421	1.049448	41.04634	14.75424	26.2921	34.21671	4
1698.655	1698.464	1095.964	77.87811	48.68151	76.76002	74.85847	65.23635	0	34.76365	14.10743	20.65621	33.58006	4
1698.66	1698.469	1095.969	78.68606	40.609	78.43307	77.13544	59.74217	0.388572	39.86926	25.96811	13.90115	34.20373	4
1698.665	1698.473	1095.973	81.19154	44.43212	81.17522	79.15125	54.6777	2.025646	43.29665	30.15385	13.1428	33.5365	4
1698.67	1698.478	1095.978	77.57614	28.89986	77.49453	77.16808	62.26868	0	37.73132	17.60913	20.1222	34.21847	4
1698.675	1698.483	1095.983	76.97221	37.61844	76.81715	76.75186	61.28363	0	38.71637	20.18874	18.52763	34.13237	4
1698.68	1698.488	1095.988	77.81282	83.64908	77.16808	77.91075	53.16582	2.192002	44.64218	15.23255	29.40963	31.87764	4
1698.685	1698.493	1095.993	76.58048	61.61618	76.81715	76.82531	52.80062	2.276114	44.92327	25.06872	19.85454	32.33557	4
1698.69	1698.498	1095.998	74.09948	59.75124	74.38512	69.66796	55.15496	1.529156	43.31589	21.87102	21.44487	33.44242	4
1698.695	1698.503	1096.003	74.60547	76.24261	74.98089	74.14845	50.00279	2.957794	47.03941	31.01834	16.02107	31.74857	4
1698.7	1698.508	1096.008	75.17675	86.94602	75.60114	73.18543	46.50749	3.947031	49.54547	20.41877	29.12671	31.50213	4
1698.705	1698.512	1096.012	81.25683	251.9929	77.36395	67.77456	34.43127	6.662499	58.90623	28.11651	30.78972	29.39641	4
1698.71	1698.517	1096.017	82.80746	327.7893	77.63327	67.13799	24.5921	8.643522	66.76438	31.03333	35.73105	28.51919	4
1698.715	1698.522	1096.022	83.26449	250.7074	79.01251	72.76921	35.67828	5.463612	58.85811	31.80595	27.05215	29.07115	4
1698.72	1698.527	1096.027	85.69652	140.9626	84.20302	82.52998	38.62086	5.576054	55.80309	21.20997	34.59312	30.46821	4
1698.725	1698.532	1096.032	84.52947	80.27221	84.10509	85.56594	46.09597	4.452577	49.45145	28.99833	20.45312	31.34457	4
1698.73	1698.537	1096.037	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1699	1698.8	1096.3	99.82352	21.0538	99.61133	99.92962	44.71182	9.943266	45.34492	23.73165	21.61326	32.33393	1
1699.005	1698.805	1096.305	91.74395	28.36702	91.55625	91.44199	50.18548	5.055197	44.75933	26.01135	18.74798	33.12001	1
1699.01	1698.81	1096.31	87.7613	38.19124	87.62256	88.90386	51.09256	3.886254	45.02118	15.10541	29.91577	32.75724	1
1699.015	1698.815	1096.315	87.22266	39.38347	86.57792	84.97017	55.22104	1.93504	42.84392	12.07706	30.76687	33.93748	1
1699.02	1698.82	1096.32	87.64704	39.15701	86.88805	88.42235	55.7709	1.670594	42.55851	24.55976	17.99875	33.48401	1
1699.025	1698.825	1096.325	88.19384	57.18695	87.45933	87.7613	50.71485	3.171435	46.11372	15.9787	30.13501	32.67089	1
1699.03	1698.83	1096.33	86.5616	45.17809	86.65954	85.55778	48.67124	4.638517	46.69025	14.37264	32.3176	32.71316	1
1699.035	1698.835	1096.335	84.0806	54.97567	84.05612	85.59042	49.53148	3.804246	46.66427	20.77152	25.89275	32.09994	1
1699.04	1698.84	1096.34	83.85209	40.01622	83.71335	85.15788	54.24739	2.356799	43.39581	18.09017	25.30564	33.02578	1
1699.045	1698.845	1096.345	87.5083	46.59012	87.64704	86.83092	47.14232	5.348372	47.50931	34.386	13.1233	32.4764	1
1699.05	1698.85	1096.35	90.58507	50.08021	91.06657	92.85387	40.81063	8.761925	50.42745	22.9608	27.46664	31.32171	1
1699.055	1698.855	1096.355	91.47463	63.43449	92.45398	89.71998	32.90229	12.56871	54.52899	25.09712	29.43188	31.46465	1
1699.06	1698.86	1096.36	93.11503	58.18603	93.48228	95.50626	37.40694	10.55005	52.04301	21.93441	30.10859	30.93835	1
1699.065	1698.865	1096.365	93.17216	52.85764	92.6172	93.62102	45.79101	5.787412	48.42158	23.14124	25.28034	32.1197	1
1699.07	1698.87	1096.37	87.83475	27.66101	87.3614	86.79012	56.16652	1.987866	41.84561	18.42266	23.42296	34.10015	1
1699.075	1698.875	1096.375	85.51697	43.75941	84.63556	83.47668	57.56552	0.883288	41.55119	12.56725	28.98394	34.12155	1
1699.08	1698.88	1096.38	85.50065	38.93056	84.52947	81.69754	59.44486	0.269711	40.28543	12.16502	28.12041	34.86552	1
1699.085	1698.885	1096.385	86.2678	32.37663	86.17803	85.76181	53.49422	2.990912	43.51487	16.23658	27.27829	33.4656	1
1699.09	1698.89	1096.39	84.7743	52.61786	84.34992	83.35426	52.56307	2.672549	44.76438	26.84262	17.92176	33.06536	1
1699.095	1698.895	1096.395	85.00282	44.37217	84.88856	83.6399	51.94483	3.182524	44.87265	32.19915	12.67349	33.15146	1
1699.1	1698.9	1096.4	85.77813	40.82213	85.67203	83.32977	52.0274	3.293672	44.67892	18.11845	26.56047	33.45086	1
1699.105	1698.905	1096.405	87.81842	38.34443	88.3081	88.37338	46.13275	6.271974	47.59528	17.78588	29.8094	32.292	1
1699.11	1698.91	1096.41	86.1617	49.14775	85.04362	82.32595	57.50261	0.673487	41.8239	17.79113	24.03277	34.36093	1
1699.115	1698.915	1096.415	84.28463	37.57182	83.74599	85.63939	57.5402	1.138411	41.32139	26.24567	15.07571	33.57314	1

1699.12	1698.92	1096.42	82.31779	38.07801	82.38308	83.47668	54.54676	2.233709	43.21953	27.59761	15.62192	33.0975	1
1699.125	1698.925	1096.425	81.12626	46.01065	80.72636	81.21603	57.32848	1.102863	41.56866	27.30099	14.26767	33.47587	1
1699.13	1698.93	1096.43	82.86459	41.91445	82.49733	82.56262	56.46749	1.463559	42.06895	20.36264	21.7063	33.57104	1
1699.135	1698.935	1096.435	80.55497	28.80661	79.95105	80.25301	63.59866	0	36.40134	14.69311	21.70823	33.97813	1
1699.14	1698.94	1096.44	81.16706	44.37884	80.27749	80.3591	61.48078	0	38.51922	20.07233	18.44688	34.00805	1
1699.145	1698.945	1096.445	79.03699	24.35741	79.01251	79.92656	61.58122	0	38.41878	17.49897	20.9198	34.37933	1
1699.15	1698.95	1096.45	76.31932	24.59052	75.85413	75.73171	67.44052	0	32.55948	24.56881	7.990671	33.32172	1
1699.155	1698.955	1096.455	72.33666	33.70873	71.55319	69.31703	71.36468	0	28.63532	10.24955	18.38578	33.16804	1
1699.16	1698.96	1096.46	73.64245	31.6906	73.47923	73.03036	65.8448	0	34.1552	16.60035	17.55485	33.33181	1
1699.165	1698.965	1096.465	74.05051	26.33557	73.56084	73.316	69.29527	0	30.70473	20.35181	10.35291	33.01921	1
1699.17	1698.97	1096.47	73.58532	23.56481	73.14462	72.45092	70.01427	0	29.98573	5.702852	24.28287	33.03852	1
1699.175	1698.975	1096.475	75.82149	36.82584	75.44607	74.89927	64.24184	0	35.75816	23.90645	11.85172	33.64968	1
1699.18	1698.98	1096.48	74.44225	27.22808	74.10764	73.91177	67.51715	0	32.48285	14.08115	18.4017	33.195	1
1699.185	1698.985	1096.485	76.7437	27.37461	76.5968	76.43358	63.90962	0	36.09038	24.94076	11.14962	33.84443	1
1699.19	1698.99	1096.49	76.39277	27.92077	76.16426	75.33182	64.7328	0	35.2672	9.269479	25.99772	33.79746	1
1699.195	1698.995	1096.495	78.56364	34.0351	78.57997	78.17191	59.35846	0.534827	40.10672	21.71108	18.39564	34.08399	1
1699.2	1699	1096.5	78.26168	28.26711	78.03317	77.78017	62.92959	0	37.07041	12.98036	24.09006	34.13752	1
1699.205	1699.005	1096.505	76.80083	31.95036	76.43358	76.24587	64.45746	0	35.54254	13.80626	21.73628	33.6794	1
1699.21	1699.01	1096.51	74.29535	29.73908	73.7159	72.95691	68.94211	0	31.05789	15.34917	15.70871	33.1307	1
1699.215	1699.015	1096.515	76.303	32.64971	76.1969	76.53151	62.72225	0	37.27775	17.58636	19.69139	33.82693	1
1699.22	1699.02	1096.52	75.83781	26.18238	75.71539	75.31549	64.84182	0	35.15818	20.88201	14.27617	33.68535	1
1699.225	1699.025	1096.525	77.26602	29.67248	76.78451	75.22572	65.46623	0	34.53377	10.37185	24.16192	33.83196	1
1699.23	1699.03	1096.53	77.04566	44.54535	76.71922	75.33182	60.86798	0.053048	39.07897	7.631177	31.44779	34.2521	1
1699.235	1699.035	1096.535	76.40093	40.68226	75.61746	74.13212	65.93795	0	34.06205	17.50526	16.55679	33.5418	1
1699.24	1699.04	1096.54	77.2905	35.41382	76.61312	75.60114	65.57228	0	34.42772	16.23015	18.19758	33.6076	1
1699.245	1699.045	1096.545	77.07015	37.3387	76.67841	79.3308	63.09546	0	36.90454	11.10973	25.79481	33.30352	1
1699.25	1699.05	1096.55	73.07933	53.04413	72.76921	71.7817	62.3338	0	37.6662	17.22576	20.44044	33.68152	1
1699.255	1699.055	1096.555	75.2094	35.9733	75.28285	77.15992	61.53257	0	38.46743	23.80044	14.66699	33.59016	1
1699.26	1699.06	1096.56	75.29917	36.95905	74.9156	75.60114	64.75338	0	35.24662	13.17712	22.0695	33.31779	1
1699.265	1699.065	1096.565	73.35681	35.6869	72.72024	70.29637	68.80894	0	31.19106	12.72154	18.46952	33.38207	1
1699.27	1699.07	1096.57	73.20175	44.89169	72.36931	70.63098	68.24202	0	31.75798	22.54517	9.212809	33.26352	1
1699.275	1699.075	1096.575	73.65877	71.84003	71.86331	67.60318	68.76346	0	31.23654	22.30078	8.935765	33.6218	1
1699.28	1699.08	1096.58	72.92427	40.98199	72.23057	70.21476	68.36821	0	31.63179	6.248094	25.38369	33.30948	1
1699.285	1699.085	1096.585	69.41496	42.10761	68.48459	67.33386	73.1586	0	26.8414	6.057439	20.78396	32.90731	1
1699.29	1699.09	1096.59	68.32136	49.57402	67.45628	67.17063	71.85185	0	28.14815	11.00082	17.14733	32.78989	1
1699.295	1699.095	1096.595	68.79471	45.65765	68.08469	65.63633	71.16239	0	28.83761	24.16596	4.671648	33.1627	1
1699.3	1699.1	1096.6	67.35834	44.83841	66.68096	65.11402	72.42911	0	27.57089	23.67638	3.894511	32.94253	1
1699.305	1699.105	1096.605	68.62333	38.11132	68.51723	69.23541	68.46584	0	31.53416	18.2638	13.27036	32.54435	1
1699.31	1699.11	1096.61	69.61899	46.09058	69.36599	70.1005	66.75733	0	33.24267	20.82846	12.4142	32.74257	1
1699.315	1699.115	1096.615	73.2752	44.1324	72.59782	70.55753	67.15646	0	32.84354	13.16247	19.68107	33.41227	1
1699.32	1699.12	1096.62	73.61797	54.64265	72.69575	70.53304	66.1951	0	33.8049	21.67763	12.12726	33.48866	1
1699.325	1699.125	1096.625	72.78553	53.55033	71.79802	68.32136	67.73128	0	32.26872	12.8649	19.40382	33.60129	1
1699.33	1699.13	1096.63	73.54452	65.79897	72.95691	71.05536	60.96963	0.21406	38.81631	21.15458	17.66173	33.69422	1
1699.335	1699.135	1096.635	71.69193	63.30794	70.51672	68.99874	67.83078	0	32.16922	21.88511	10.28411	33.2456	1
1699.34	1699.14	1096.64	73.37313	65.03967	72.06734	71.53687	66.87698	0	33.12302	23.83609	9.286928	33.09872	1
1699.345	1699.145	1096.645	74.74421	82.01726	73.35681	72.71208	62.13951	0.075029	37.78546	14.48559	23.29987	33.4057	1
1699.35	1699.15	1096.65	73.569	65.61247	71.95309	69.24358	68.96163	0	31.03837	11.35237	19.686	33.33646	1
1699.355	1699.155	1096.655	70.81052	44.54535	69.88831	69.18645	71.2215	0	28.7785	9.696144	19.08236	32.88373	1
1699.36	1699.16	1096.66	68.43562	43.04674	67.38283	66.60751	74.78106	0	25.21894	18.77119	6.447751	32.85705	1
1699.365	1699.165	1096.665	68.47642	38.9239	67.73376	67.45628	73.33778	0	26.66222	8.079566	18.58265	32.6912	1
1699.37	1699.17	1096.67	67.53789	36.83916	67.15431	67.45628	71.92278	0	28.07722	21.95527	6.12195	32.49811	1
1699.375	1699.175	1096.675	67.73376	36.95239	67.2196	66.51774	72.72716	0	27.27284	21.08904	6.183795	32.70601	1
1699.38	1699.18	1096.68	70.29637	85.40078	68.92529	67.2196	65.28621	0	34.71379	19.05186	15.66193	33.55341	1
1699.385	1699.185	1096.685	70.53304	85.76711	69.79854	66.25658	60.04638	0.812684	39.14093	29.22846	9.912468	33.17577	1
1699.39	1699.19	1096.69	70.07602	74.72402	69.23541	68.37849	63.96152	0	36.03848	25.63957	10.39891	33.40255	1
1699.395	1699.195	1096.695	69.21909	75.5366	69.42312	70.58201	56.45735	1.283874	42.25878	21.19955	21.05923	31.90479	1
1699.4	1699.2	1096.7	67.97859	58.43247	67.09718	67.0727	70.14995	0	29.85005	18.05607	11.79398	32.83136	1
1699.405	1699.205	1096.705	66.06071	82.78987	63.87352	62.02909	76.13977	0	23.86023	5.332041	18.52819	33.79122	1
1699.41	1699.21	1096.71	67.12167	74.08461	64.5509	62.08622	80.24307	0	19.75693	16.89057	2.866355	34.00581	1
1699.415	1699.215	1096.715	65.93014	70.01506	63.52259	59.87454	81.05913	0	18.94087	5.612707	13.32816	34.31253	1
1699.42	1699.22	1096.72	63.69397	49.02786	62.04541	60.30708	82.31313	0	17.68687	9.877307	7.809559	33.724	1
1699.425	1699.225	1096.725	72.58966	43.71279	71.96941	70.23924	67.44595	0	32.55405	9.523264	23.03078	33.30879	1
1699.43	1699.23	1096.73	78.75951	60.38399	77.91891	78.40042	59.44299	0.39743	40.15958	15.10588	25.0537	33.4355	1
1699.435	1699.235	1096.735	79.54299	134.6018	78.90641	74.62179	39.18025	6.061423	54.75833	34.10795	20.65038	30.65585	1
1699.44	1699.24	1096.74	76.1561	188.1055	72.93243	69.74957	49.39827	4.036797	46.56493	23.29879	23.26613	29.80703	1
1699.445	1699.245	1096.745	84.4397	556.1375	74.18109	70.67178	7.234403	12.74539	80.02021	74.35107	5.66914	-9999	1
1699.45	1699.25	1096.75	79.80414	396.5655	72.97324	67.98675	23.55088	11.00407	65.44505	32.81346	32.63159	25.66797	1
1699.455	1699.255	1096.755	72.02654	153.7108	67.88882	65.10586	68.60491	0.559155	30.83594	24.84239	5.99355	33.22466	1
1699.46	1699.26	1096.76	68.4601	46.09724	68.33768	69.25174	66.80991	0	33.19009	14.27302	18.91707	32.6179	1
1699.465	1699.265	1096.765	67.56237	41.92111	67.71743	67.83169	66.49597	0	33.50403	6.735761	26.76826	32.65409	1
1699.47	1699.27	1096.77	67.88882	58.06614	67.48892	66.98293	66.58949	0	33.41051	7.630953	25.77956	32.96776	1
1699.475	1699.275	1096.775	67.99491	40.8621	67.26041	66.11784	73.24848	0	26.75152	8.860964	17.89056	32.85292	1
1699.48	1699.28	1096.78	71.86331	27.92743	71.74906	71.50422	68.0128	0	31.9872	14.70233	17.28487	32.96919	1

1699.485	1699.285	1096.785	73.24255	42.13425	73.87913	74.62995	57.48693	0.751442	41.76163	19.04767	22.71397	33.11436	1
1699.49	1699.29	1096.79	71.32468	41.17514	70.80236	68.13365	68.46486	0	31.53514	5.543897	25.99124	33.36086	1
1699.495	1699.295	1096.795	70.11682	37.31206	69.53738	68.82735	70.9537	0	29.0463	16.0581	12.98821	32.83224	1
1699.5	1699.3	1096.8	70.01073	63.2147	69.83934	70.11682	61.62041	0.049714	38.32988	22.70126	15.62862	33.23914	1
1699.505	1699.305	1096.805	67.57053	45.7842	67.85617	66.68096	64.54161	0	35.45839	23.8265	11.63188	33.01222	1
1699.51	1699.31	1096.81	67.90514	58.00619	67.57053	66.65648	66.08299	0	33.91701	9.484633	24.43238	33.05944	1
1699.515	1699.315	1096.815	70.14947	44.79845	69.71692	69.07219	67.97347	0	32.02653	9.776153	22.25037	32.96398	1
1699.52	1699.32	1096.82	68.38665	78.18081	66.50142	65.87301	72.77508	0	27.22492	17.05049	10.17443	33.22032	1
1699.525	1699.325	1096.825	69.72508	126.7624	66.85235	65.02424	67.44012	0.529474	32.03041	25.53653	6.493871	33.22309	1
1699.53	1699.33	1096.83	71.77354	138.0786	68.68861	67.70111	64.46151	0.986736	34.55176	26.12501	8.42675	32.37059	1
1699.535	1699.335	1096.835	70.19843	83.48256	67.9133	66.78706	72.92443	0	27.07557	10.89449	16.18109	33.25883	1
1699.54	1699.34	1096.84	71.26755	51.48558	70.33717	70.14947	69.18475	0	30.81525	6.406874	24.40838	32.89251	1
1699.545	1699.345	1096.845	72.45908	60.09759	71.53687	71.39813	65.94118	0	34.05882	23.21491	10.84391	33.11511	1
1699.55	1699.35	1096.85	71.36548	32.32335	71.14513	71.07168	68.22923	0	31.77077	13.8314	17.93936	32.88424	1
1699.555	1699.355	1096.855	70.27188	51.93183	69.34151	70.23108	69.99277	0	30.00723	16.58973	13.4175	32.65221	1
1699.56	1699.36	1096.86	71.61848	45.60437	71.29203	71.13697	65.60471	0	34.39529	7.486581	26.90871	33.11254	1
1699.565	1699.365	1096.865	72.42644	31.59736	72.1816	71.06352	67.61859	0	32.38141	10.81105	21.57036	33.19615	1
1699.57	1699.37	1096.87	72.66311	26.06915	72.89978	73.98522	65.00698	0	34.99302	6.833246	28.15978	33.07197	1
1699.575	1699.375	1096.875	70.95742	23.03197	70.93294	70.58201	69.33518	0	30.66482	5.648197	25.01662	32.82832	1
1699.58	1699.38	1096.88	71.42261	25.14334	71.16961	70.82684	70.16723	0	29.83277	8.269573	21.56319	32.82542	1
1699.585	1699.385	1096.885	70.88397	24.73705	70.48407	70.86765	71.89959	0	28.10041	5.007084	23.09333	32.59048	1
1699.59	1699.39	1096.89	72.11631	31.24435	71.49606	70.72075	70.8988	0	29.1012	16.40764	12.69356	32.90995	1
1699.595	1699.395	1096.895	72.23873	25.82937	71.7817	72.05102	70.83161	0	29.16839	22.16822	7.000166	32.72888	1
1699.6	1699.4	1096.9	71.49606	30.85138	70.63098	69.66796	73.462	0	26.538	4.575728	21.96227	32.84262	1
1699.605	1699.405	1096.905	69.52922	30.4784	69.43944	68.23975	69.35309	0	30.64691	6.161576	24.48533	32.8887	1
1699.61	1699.41	1096.91	70.77788	35.85341	70.03521	69.85566	71.9635	0	28.0365	16.4621	11.5744	32.72807	1
1699.615	1699.415	1096.915	75.53585	178.7209	71.3818	69.17012	59.45039	1.872372	38.67724	13.75369	24.92356	31.11992	1
1699.62	1699.42	1096.92	74.67892	96.13083	72.76921	72.74472	62.83203	0.09559	37.07238	10.72434	26.34804	33.10406	1
1699.625	1699.425	1096.925	70.7942	67.29092	68.97426	67.7256	72.6895	0	27.3105	11.02184	16.28866	33.09694	1
1699.63	1699.43	1096.93	69.21909	47.22952	68.04388	66.62384	73.99677	0	26.00323	8.19348	17.80975	33.00704	1
1699.635	1699.435	1096.935	67.70111	48.50168	66.65648	62.6575	74.07346	0	25.92654	4.863245	21.06329	33.4866	1
1699.64	1699.44	1096.94	70.32901	37.20549	69.96992	67.97043	69.07654	0	30.92346	18.54678	12.37668	33.13952	1
1699.645	1699.445	1096.945	70.09234	47.84229	69.65163	65.58737	67.35267	0	32.64733	21.26763	11.3797	33.63631	1
1699.65	1699.45	1096.95	71.97757	56.65412	72.41827	71.12065	56.65488	1.031831	42.31328	16.44658	25.86671	32.97702	1
1699.655	1699.455	1096.955	71.91228	46.59012	72.41827	67.30121	58.64444	0.447351	40.9082	25.67452	15.23369	34.216	1
1699.66	1699.46	1096.96	73.64245	46.65672	73.36497	73.8628	63.10849	0	36.89151	7.298114	29.5934	33.37753	1
1699.665	1699.465	1096.965	72.98956	42.06099	72.23873	73.66694	68.48977	0	31.51023	6.426534	25.0837	32.66032	1
1699.67	1699.47	1096.97	70.81052	37.72501	70.75339	73.2752	66.16761	0	33.83239	11.12557	22.70682	32.50347	1
1699.675	1699.475	1096.975	71.07984	51.79862	70.94926	70.1005	63.08327	0	36.91673	6.726239	30.19049	33.42755	1
1699.68	1699.48	1096.98	70.88397	92.21446	71.56951	73.10381	47.15792	3.555121	49.28696	19.30435	29.98261	30.48547	1
1699.685	1699.485	1096.985	72.36931	80.79839	72.51621	72.36115	52.72854	2.254387	45.01707	26.05588	18.96119	31.71101	1
1699.69	1699.49	1096.99	72.94875	57.74644	73.07933	74.86663	57.90052	0.810544	41.28893	10.84656	30.44237	32.6294	1
1699.695	1699.495	1096.995	72.26321	44.18568	72.18976	73.18543	63.39415	0	36.60585	19.73798	16.86787	33.15683	1
1699.7	1699.5	1097	74.67076	62.18898	74.23006	70.78604	59.66862	0.463798	39.86758	16.28888	23.57871	33.89652	1
1699.705	1699.505	1097.005	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1700.005	1699.805	1097.305	90.07091	24.37073	89.76079	89.76079	53.64051	3.390118	42.96937	21.9305	21.03886	33.66022	1
1700.01	1699.81	1097.31	87.83475	24.39737	87.58991	86.49631	55.18534	2.599786	42.21487	21.8348	20.38007	34.04632	1
1700.015	1699.815	1097.315	84.97017	26.52207	84.65189	83.83577	57.87582	1.315781	40.8084	21.2715	19.5369	34.33191	1
1700.02	1699.82	1097.32	82.77481	25.98923	82.34227	82.80746	60.90998	0.174644	38.91537	13.80744	25.10794	34.58373	1
1700.025	1699.825	1097.325	81.0528	29.17294	81.012	82.22802	58.68781	0.882497	40.42969	21.1738	19.25589	33.87004	1
1700.03	1699.83	1097.33	79.38792	23.73132	79.10228	78.28616	63.43385	0	36.56615	7.493134	29.07301	34.32354	1
1700.035	1699.835	1097.335	79.95921	35.02751	79.52666	82.80746	61.31308	0	38.68692	12.10978	26.57714	33.74424	1
1700.04	1699.84	1097.34	79.30631	43.11334	78.68606	79.49402	61.4117	0	38.5883	20.98656	17.60174	33.92351	1
1700.045	1699.845	1097.345	79.17573	39.79642	78.96354	83.1992	59.17207	0.570698	40.25723	21.87213	18.3851	33.10869	1
1700.05	1699.85	1097.35	80.74268	35.91335	80.26117	80.2122	60.7574	0.099738	39.14286	14.22862	24.91424	34.36008	1
1700.055	1699.855	1097.355	80.32646	23.98442	79.74702	78.86561	64.78612	0	35.21388	6.403373	28.81051	34.0712	1
1700.06	1699.86	1097.36	79.31447	30.68487	79.12677	78.07397	61.05968	0.05533	38.88499	11.364	27.52099	34.61987	1
1700.065	1699.865	1097.365	76.31932	46.33702	75.16859	74.35247	67.4908	0	32.5092	7.828778	24.68042	33.13142	1
1700.07	1699.87	1097.37	72.25505	33.69541	71.67561	70.72075	69.86175	0	30.13825	5.761207	24.37704	32.99719	1
1700.075	1699.875	1097.375	71.49606	37.4053	70.33717	67.60318	74.15292	0	25.84708	15.55285	10.29423	33.17469	1
1700.08	1699.88	1097.38	73.1691	38.01807	72.61414	71.33284	67.78499	0	32.21501	23.76961	8.445398	33.23055	1
1700.085	1699.885	1097.385	76.21322	66.31182	74.76053	71.50422	65.09472	0	34.90528	14.24334	20.66194	33.65402	1
1700.09	1699.89	1097.39	76.39277	150.92	72.81817	69.78221	60.89914	0.899365	38.2015	19.15454	19.04696	32.23957	1
1700.095	1699.895	1097.395	75.51136	182.3176	71.31652	68.97426	58.91877	2.051515	39.02972	23.51012	15.5196	30.96694	1
1700.1	1699.9	1097.4	78.46571	142.2347	75.02985	73.05485	60.01864	0.442724	39.53864	13.57874	25.9599	32.29543	1
1700.105	1699.905	1097.405	76.06632	154.6565	72.63863	70.54936	59.15675	1.426276	39.41698	15.10288	24.3141	31.64462	1
1700.11	1699.91	1097.41	72.69575	46.02398	71.37364	70.80236	72.22847	0	27.77153	14.61165	13.15989	32.8162	1
1700.115	1699.915	1097.415	73.85464	71.87999	72.86714	73.78119	62.31192	0	37.68808	19.39357	18.29451	33.26753	1
1700.12	1699.92	1097.42	71.16145	40.56904	70.21476	69.46393	72.05066	0	27.94934	22.24534	5.704004	32.85403	1
1700.125	1699.925	1097.425	71.51238	37.65174	70.85949	70.46775	70.15682	0	29.84318	9.445474	20.39771	32.85187	1
1700.13	1699.93	1097.43	71.16145	57.08039	70.49224	71.2349	65.90444	0	34.09556	12.81388	21.28168	32.91668	1
1700.135	1699.935	1097.435	74.34431	95.57801	72.96507	70.32085	59.16246	0.954504	39.88304	22.32253	17.56051	32.90628	1
1700.14	1699.94	1097.44	70.14947	37.80493	69.74957	69.31703	69.41291	0	30.58709	6.156174	24.43092	32.825	1

1700.145	1699.945	1097.445	66.77074	19.36204	66.25658	65.63633	77.87001	0	22.12999	11.64642	10.48357	32.59575	1
1700.15	1699.95	1097.45	66.18313	34.54795	65.25276	64.06939	77.96132	0	22.03868	8.396728	13.64195	32.9158	1
1700.155	1699.955	1097.455	66.22394	30.56498	65.5792	64.96712	76.67393	0	23.32607	8.031159	15.29491	32.66453	1
1700.16	1699.96	1097.46	66.59935	33.18921	65.71794	63.57155	77.52772	0	22.47228	20.49933	1.972953	33.05478	1
1700.165	1699.965	1097.465	69.63531	28.5735	69.17829	69.05587	72.56268	0	27.43732	6.486318	20.951	32.61549	1
1700.17	1699.97	1097.47	70.3535	34.37478	69.87199	68.18262	70.68779	0	29.31221	14.59524	14.71697	33.01012	1
1700.175	1699.975	1097.475	70.46775	39.06377	69.64347	67.79905	72.1044	0	27.8956	16.25618	11.63941	33.03501	1
1700.18	1699.98	1097.48	71.75722	71.82005	70.27188	66.15865	68.11425	0	31.88575	5.862488	26.02326	33.72813	1
1700.185	1699.985	1097.485	70.41062	50.63969	70.38614	68.66413	63.15717	0	36.84283	9.552094	27.29074	33.518	1
1700.19	1699.99	1097.49	69.82302	29.34611	69.22725	68.18262	73.27825	0	26.72175	14.58383	12.13792	32.79595	1
1700.195	1699.995	1097.495	69.27622	34.29486	68.69678	66.28923	72.45721	0	27.54279	8.864255	18.67853	33.06173	1
1700.2	1700	1097.5	66.68096	26.30227	65.77507	64.1918	79.30902	0	20.69098	20.41646	0.274521	32.96883	1
1700.205	1700.005	1097.505	67.83169	30.56498	67.16247	65.95462	75.38455	0	24.61545	16.39281	8.222638	32.7851	1
1700.21	1700.01	1097.51	70.17395	37.1189	69.73325	70.59833	69.87265	0	30.12735	18.58025	11.5471	32.56697	1
1700.215	1700.015	1097.515	70.43511	26.10912	70.18211	69.85566	70.84202	0	29.15798	17.60236	11.55563	32.72307	1
1700.22	1700.02	1097.52	68.99058	26.04917	68.30504	68.11733	75.5377	0	24.4623	20.41833	4.043973	32.59956	1
1700.225	1700.025	1097.525	69.42312	35.7202	68.77023	68.45194	72.54637	0	27.45363	13.05254	14.40109	32.69301	1
1700.23	1700.03	1097.53	69.33335	29.85897	69.09667	69.21909	70.82167	0	29.17833	6.784048	22.39428	32.58223	1
1700.235	1700.035	1097.535	69.04771	23.67138	68.67229	68.83552	73.6571	0	26.3429	12.53699	13.80591	32.49066	1
1700.24	1700.04	1097.54	68.87632	29.88561	68.12549	66.64832	75.22039	0	24.77961	22.83309	1.94652	32.8619	1
1700.245	1700.045	1097.545	70.90846	33.64879	70.04337	69.17012	73.32562	0	26.67438	20.51543	6.158941	32.82109	1
1700.25	1700.05	1097.55	70.94926	33.76202	70.21476	68.14182	72.2487	0	27.7513	7.4101	20.34121	33.06261	1
1700.255	1700.055	1097.555	69.06403	40.84878	67.8725	65.44863	75.81007	0	24.18993	6.486717	17.70322	33.16305	1
1700.26	1700.06	1097.56	70.29637	43.3731	69.18645	67.82353	73.43294	0	26.56706	10.50779	16.05927	32.9572	1
1700.265	1700.065	1097.565	64.54273	27.78756	63.69397	63.04108	80.47401	0	19.52599	9.316003	10.20999	32.85668	1
1700.27	1700.07	1097.57	61.15584	25.3032	60.88653	61.5639	79.70047	0	20.29953	7.078894	13.22063	32.28177	1
1700.275	1700.075	1097.575	62.27393	31.25101	61.75161	61.82506	79.19319	0	20.80681	3.376775	17.43004	32.55547	1
1700.28	1700.08	1097.58	59.32774	43.44637	57.79344	56.06327	86.7953	0	13.2047	12.60359	0.601114	34.25694	1
1700.285	1700.085	1097.585	60.60088	29.34611	59.7766	58.03827	83.53359	0	16.46641	9.253935	7.212472	33.32512	1
1700.29	1700.09	1097.59	59.442	30.31188	58.67484	58.12805	83.92331	0	16.07669	16.07669	0	33.13968	1
1700.295	1700.095	1097.595	58.72381	19.06232	58.19334	58.22598	85.47221	0	14.52779	8.609467	5.918326	32.92301	1
1700.3	1700.1	1097.6	60.51111	24.97683	59.75212	58.03827	84.16756	0	15.83244	6.031224	9.801219	33.29488	1
1700.305	1700.105	1097.605	62.3637	18.7959	62.01277	60.25811	80.7965	0	19.2035	13.513	5.690501	32.78573	1
1700.31	1700.11	1097.61	62.54324	32.54981	61.44149	59.71131	83.1218	0	16.8782	5.136249	11.74195	33.41669	1
1700.315	1700.115	1097.615	61.07423	24.96351	60.3234	59.13187	83.58946	0	16.41054	16.41054	0	33.13597	1
1700.32	1700.12	1097.62	62.32289	34.56794	61.13952	59.69499	83.46863	0	16.53137	16.53137	0	33.45715	1
1700.325	1700.125	1097.625	63.90616	35.15406	63.29407	63.37569	77.44274	0	22.55726	17.23385	5.323411	32.56126	1
1700.33	1700.13	1097.63	62.66566	28.44695	62.42899	61.83322	77.29765	0	22.70235	4.226645	18.4757	32.4502	1
1700.335	1700.135	1097.635	62.49428	32.94278	62.14335	60.42134	77.25283	0	22.74717	13.42407	9.323103	32.74465	1
1700.34	1700.14	1097.64	63.0574	32.05693	62.12702	60.5764	81.43982	0	18.56018	11.04328	7.516905	33.16895	1
1700.345	1700.145	1097.645	63.8572	18.44955	63.57972	62.88601	78.93706	0	21.06294	8.473726	12.58921	32.49004	1
1700.35	1700.15	1097.65	63.86536	25.76277	64.11835	63.82455	73.04856	0	26.95144	7.650418	19.30102	32.1515	1
1700.355	1700.155	1097.655	64.6978	57.13367	63.63684	61.90667	74.87407	0	25.12593	23.28517	1.840764	33.18509	1
1700.36	1700.16	1097.66	65.30172	63.62099	63.77558	59.95615	76.35373	0	23.64627	3.704524	19.94175	33.80629	4
1700.365	1700.165	1097.665	63.30223	47.06301	62.68199	60.69066	75.17963	0	24.82037	22.80066	2.019707	32.98904	4
1700.37	1700.17	1097.67	65.37517	77.40154	64.70596	60.78859	66.3101	0	33.6899	23.41039	10.27951	33.7433	4
1700.375	1700.175	1097.675	64.42032	62.52201	63.67765	65.00792	71.35866	0	28.64134	15.60503	13.03631	32.53799	4
1700.38	1700.18	1097.68	63.53891	31.90374	62.93498	63.09004	78.50394	0	21.49606	5.054548	16.44152	32.55417	4
1700.385	1700.185	1097.685	62.48612	17.21736	62.32289	61.98828	79.61115	0	20.38885	11.02285	9.365999	32.36191	4
1700.39	1700.19	1097.69	61.24562	23.23844	60.60088	59.53177	83.02701	0	16.97299	4.644174	12.32881	32.99332	4
1700.395	1700.195	1097.695	59.3359	27.30134	58.60139	57.64654	84.49647	0	15.50353	6.422626	9.080903	33.21547	4
1700.4	1700.2	1097.7	57.27928	22.47249	56.69984	56.57742	86.35541	0	13.64459	13.64459	0	33.13383	4
1700.405	1700.205	1097.705	59.05026	30.67821	58.18517	56.22649	84.95405	0	15.04595	9.706331	5.339624	33.56596	4
1700.41	1700.21	1097.71	58.62588	31.93704	57.6955	57.21399	85.54583	0	14.45417	6.142861	8.311307	33.41804	4
1700.415	1700.215	1097.715	60.21731	18.77592	59.82557	58.72381	83.09226	0	16.90774	14.86216	2.045579	32.82792	4
1700.42	1700.22	1097.72	61.03343	28.71337	60.2826	59.15635	82.71954	0	17.28046	7.323899	9.956566	33.09265	4
1700.425	1700.225	1097.725	62.04541	72.15307	60.31524	58.67484	78.866	0	21.134	16.19709	4.936913	33.85951	4
1700.43	1700.23	1097.73	62.74727	75.09701	60.95998	58.71565	77.9506	0	22.0494	9.427278	12.62213	33.93988	4
1700.435	1700.235	1097.735	63.44914	100.2337	61.61287	58.94416	71.6013	0	28.3987	13.7856	14.6131	34.10958	4
1700.44	1700.24	1097.74	63.3104	80.71846	61.44149	58.57691	76.70463	0	23.29537	10.60442	12.69095	34.0618	4
1700.445	1700.245	1097.745	66.01991	121.0411	62.82073	58.17701	74.76342	0	25.23658	5.642333	19.59425	34.99795	4
1700.45	1700.25	1097.75	67.3257	105.8751	64.8855	62.47796	71.35008	0	28.64992	18.61073	10.0392	33.99876	4
1700.455	1700.255	1097.755	67.26857	85.65388	66.07704	65.30989	66.61905	0	33.38095	16.66786	16.71308	33.34291	4
1700.46	1700.26	1097.76	65.10586	47.87559	64.32238	63.24511	74.58864	0	25.41136	21.48876	3.9226	32.87989	4
1700.465	1700.265	1097.765	62.89418	24.59718	62.08622	59.59706	82.44651	0	17.55349	10.02284	7.530657	33.28757	1
1700.47	1700.27	1097.77	62.09438	16.05178	61.84138	62.34738	80.94936	0	19.05064	4.356974	14.69366	32.30155	1
1700.475	1700.275	1097.775	63.68581	32.11022	63.12269	60.5764	78.00257	0	21.99743	17.65462	4.342807	33.01821	1
1700.48	1700.28	1097.78	67.86434	38.73074	66.51774	64.60802	78.62808	0	21.37192	7.5485	13.82342	33.17349	1
1700.485	1700.285	1097.785	68.0194	29.41272	67.6195	66.99109	73.40349	0	26.59651	11.32988	15.26663	32.62357	1
1700.49	1700.29	1097.79	67.39915	26.9883	67.31754	67.57053	72.09411	0	27.90589	5.486978	22.41891	32.37254	1
1700.495	1700.295	1097.795	73.13646	43.41306	72.27137	70.36982	68.91291	0	31.08709	21.48688	9.600217	33.23653	1
1700.5	1700.3	1097.8	73.05485	45.35127	72.75288	70.70443	64.15475	0	35.84525	6.82169	29.02356	33.685	1
1700.505	1700.305	1097.805	69.64347	46.92314	68.58252	67.19512	72.795	0	27.205	15.18402	12.02099	32.98326	1

1700.51	1700.31	1097.81	68.79471	25.19663	68.23975	67.34202	74.91223	0	25.08777	4.507709	20.58007	32.69888	1
1700.515	1700.315	1097.815	71.01455	29.04639	70.55753	69.05587	71.17934	0	28.82066	11.49958	17.32108	32.97197	1
1700.52	1700.32	1097.82	72.6223	33.86858	72.55701	71.35732	65.49728	0	34.50272	23.10842	11.3943	33.39945	1
1700.525	1700.325	1097.825	73.55268	47.98882	74.62995	70.70443	52.36935	2.074067	45.55658	25.92362	19.63296	33.13184	1
1700.53	1700.33	1097.83	76.5968	23.24511	76.96405	76.91509	61.05942	0	38.94058	7.659046	31.28154	34.39495	1
1700.535	1700.335	1097.835	76.87428	27.09487	76.94773	76.40093	62.14946	0	37.85054	24.60951	13.24103	34.23579	1
1700.54	1700.34	1097.84	74.34431	35.78014	73.63429	72.09183	68.44711	0	31.55289	19.86558	11.6873	33.26671	1
1700.545	1700.345	1097.845	75.67459	37.39864	75.23388	75.84597	64.74436	0	35.25564	9.243153	26.01248	33.33536	1
1700.55	1700.35	1097.85	76.12345	25.88266	76.22955	76.22139	62.88058	0	37.11942	11.50648	25.61294	33.94725	1
1700.555	1700.355	1097.855	74.56467	31.73057	74.45857	70.45143	64.54395	0	35.45605	23.73623	11.71982	34.20721	1
1700.56	1700.36	1097.86	75.73988	49.14108	75.96839	77.71488	56.6562	1.165552	42.17825	21.41273	20.76552	32.76856	1
1700.565	1700.365	1097.865	78.98803	41.45488	79.32263	80.03266	54.70572	1.934406	43.35987	22.51746	20.84242	32.96907	1
1700.57	1700.37	1097.87	82.79114	36.97903	83.01149	83.86025	53.1755	2.79306	44.03144	19.5973	24.43413	32.95473	1
1700.575	1700.375	1097.875	83.9337	57.50666	83.81128	82.82378	49.81312	3.618179	46.5687	23.33532	23.23338	32.54358	1
1700.58	1700.38	1097.88	80.07346	41.96774	79.25734	78.21271	62.50114	0	37.49886	9.109373	28.38949	34.05251	1
1700.585	1700.385	1097.885	81.83628	58.12608	81.20787	80.45704	55.5143	1.525578	42.96012	30.19304	12.76709	33.21566	1
1700.59	1700.39	1097.89	78.20455	36.09985	77.78017	78.00868	62.6046	0	37.3954	17.11623	20.27916	33.91298	1
1700.595	1700.395	1097.895	77.76385	28.87988	77.82098	79.30631	61.02558	0.033949	38.94047	19.70879	19.23167	34.09171	1
1700.6	1700.4	1097.9	79.73885	36.8325	80.09795	81.04464	54.94383	1.957012	43.09916	16.13839	26.96077	33.08049	1
1700.605	1700.405	1097.905	79.46954	43.83268	79.26551	79.89392	57.86175	0.949937	41.18831	22.84277	18.34555	33.4774	1
1700.61	1700.41	1097.91	79.17573	39.97625	79.43689	79.71437	55.4601	1.7226	42.8173	17.60257	25.21473	33.20152	1
1700.615	1700.415	1097.915	81.36293	43.17995	81.47719	81.52615	53.81107	2.35277	43.83616	28.53945	15.29671	33.03285	1
1700.62	1700.42	1097.92	82.43204	49.00121	82.56262	82.82378	51.29224	3.200613	45.50715	16.16425	29.3429	32.57903	1
1700.625	1700.425	1097.925	82.60343	57.93293	83.6399	84.29279	41.95243	6.534041	51.51353	31.44559	20.06794	31.36451	1
1700.63	1700.43	1097.93	81.33029	53.23729	82.22802	83.82761	45.33531	5.171879	49.49281	31.6993	17.79351	31.52406	1
1700.635	1700.435	1097.935	81.43638	72.11977	80.32646	78.80848	56.22743	1.117819	42.65475	22.10624	20.54851	33.20013	1
1700.64	1700.44	1097.94	82.33411	69.34235	80.78349	79.13493	59.48911	0	40.51089	7.019904	33.49098	33.8681	1
1700.645	1700.445	1097.945	80.6121	38.3844	79.89392	79.10228	62.11377	0	37.88623	13.00913	24.8771	34.20604	1
1700.65	1700.45	1097.95	81.3058	55.23543	79.84495	77.40476	63.15329	0	36.84671	25.05257	11.79414	33.68147	1
1700.655	1700.455	1097.955	81.9587	78.33401	80.14691	77.48637	59.68248	0	40.31752	9.876885	30.44063	33.73663	1
1700.66	1700.46	1097.96	83.47668	67.94364	82.37492	81.09361	55.29773	1.315378	43.38689	27.7003	15.68659	33.21699	1
1700.665	1700.465	1097.965	84.26015	55.60176	84.7743	86.90437	45.04034	5.61042	49.34924	31.01907	18.33017	31.44998	1
1700.67	1700.47	1097.97	84.21934	60.43727	85.31294	86.1209	39.417	7.783514	52.79949	18.29471	34.50478	31.15095	1
1700.675	1700.475	1097.975	84.78246	35.51372	84.61108	84.14589	54.73404	2.314321	42.95164	22.82031	20.13132	33.55677	1
1700.68	1700.48	1097.98	80.79165	43.44637	80.43256	79.19206	57.94063	0.934665	41.12471	20.34339	20.78131	33.9161	1
1700.685	1700.485	1097.985	80.3591	100.9863	77.57614	72.69575	63.1989	0	36.8011	19.57694	17.22416	33.04713	1
1700.69	1700.49	1097.99	82.35859	99.58096	80.6121	72.45908	53.66682	1.500676	44.8325	22.54155	22.29096	33.60179	1
1700.695	1700.495	1097.995	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1701.005	1700.805	1098.305	92.43765	178.6676	88.88754	85.89239	39.23318	1.283345	59.48347	27.28685	32.19663	30.95623	5
1701.01	1700.81	1098.31	90.99312	166.6454	88.0959	83.82761	38.41158	3.078369	58.51005	39.36231	19.14774	31.0789	5
1701.015	1700.815	1098.315	88.7488	175.7636	87.97349	80.99568	21.82498	11.22857	66.94646	47.98687	18.95959	31.07337	5
1701.02	1700.82	1098.32	87.53278	181.8713	86.33309	84.13773	24.75461	9.731093	65.5143	36.14895	29.36535	29.92509	5
1701.025	1700.825	1098.325	87.00231	157.7537	83.68071	81.37925	47.5239	1.216886	51.25922	17.13863	34.12059	31.20158	5
1701.03	1700.83	1098.33	85.92503	141.7618	82.87275	79.10228	50.29779	0.986462	48.71575	21.88369	26.83205	31.94467	5
1701.035	1700.835	1098.335	79.92656	38.47098	79.09412	76.68657	63.609	0	36.391	18.94186	17.44914	34.15847	5
1701.04	1700.84	1098.34	78.62077	31.80383	77.96788	76.73554	65.03229	0	34.96771	21.49038	13.47732	33.82588	5
1701.045	1700.845	1098.345	79.15125	43.20659	78.49019	77.71488	61.84804	0	38.15196	18.26377	19.88819	34.10577	5
1701.05	1700.85	1098.35	78.39226	37.25877	78.03317	76.03368	61.64546	0	38.35454	14.91546	23.43908	34.49862	5
1701.055	1700.855	1098.355	78.80848	51.99177	77.31498	74.23822	66.48879	0	33.51121	13.79152	19.7197	33.45013	5
1701.06	1700.86	1098.36	79.50218	87.5721	77.16808	73.99338	63.7548	0	36.2452	21.05929	15.18591	33.10308	5
1701.065	1700.865	1098.365	81.77915	65.20618	80.30198	78.81664	60.43138	0	39.56862	26.00056	13.56806	33.79215	5
1701.07	1700.87	1098.37	84.0806	86.35989	82.55446	80.38359	53.57434	1.482129	44.94353	28.98923	15.9543	32.84431	5
1701.075	1700.875	1098.375	82.15456	99.88069	81.82812	81.23235	42.77664	5.25682	51.96654	25.8219	26.14463	30.95503	5
1701.08	1700.88	1098.38	80.53865	60.68371	79.02067	76.98038	62.98333	0	37.01667	11.99866	25.01802	33.55408	5
1701.085	1700.885	1098.385	73.15278	34.70781	72.01838	71.00639	73.09179	0	26.90821	14.16228	12.74594	32.85628	5
1701.09	1700.89	1098.39	73.9689	43.21325	72.44276	71.62664	73.3186	0	26.6814	23.40094	3.280464	32.76388	5
1701.095	1700.895	1098.395	74.77686	51.67873	73.20991	71.80619	70.84288	0	29.15712	13.88228	15.27484	32.92985	5
1701.1	1700.9	1098.4	75.05434	36.45285	74.35247	74.35247	67.56785	0	32.43215	22.58109	9.851058	33.07686	5
1701.105	1700.905	1098.405	74.80134	71.76676	72.49989	70.99007	71.65147	0	28.34853	13.81661	14.53192	32.8055	5
1701.11	1700.91	1098.41	77.61695	304.4643	68.81919	66.50958	63.09465	2.630102	34.27525	28.5041	5.771146	29.12658	5
1701.115	1700.915	1098.415	74.98089	168.5636	70.46775	66.41165	65.20197	0.682944	34.11509	14.31214	19.80295	32.68914	5
1701.12	1700.92	1098.42	78.31065	34.25489	77.60879	77.49453	65.10395	0	34.89605	16.9573	17.93875	33.54423	5
1701.125	1700.925	1098.425	77.5435	57.36013	76.39277	74.60547	63.69696	0	36.30304	8.511244	27.79179	33.64705	5
1701.13	1700.93	1098.43	77.94339	59.35161	75.96023	74.33615	69.29853	0	30.70147	16.30152	14.39995	32.7366	5
1701.135	1700.935	1098.435	75.87862	33.40235	75.12779	74.04235	67.92723	0	32.07277	20.44566	11.62711	33.28528	5
1701.14	1700.94	1098.44	78.18007	50.80621	77.78017	72.80185	58.87844	0.605116	40.51644	18.45173	22.06471	34.4786	5
1701.145	1700.945	1098.445	76.55599	34.41474	76.00103	74.69524	65.54106	0	34.45894	19.21859	15.24035	33.64761	5
1701.15	1700.95	1098.45	78.12294	50.58641	76.41725	73.69142	69.10406	0	30.89594	10.51926	20.37669	33.08902	5
1701.155	1700.955	1098.455	75.14411	70.79433	72.94875	69.4068	70.74921	0	29.25079	14.95509	14.29569	33.19598	5
1701.16	1700.96	1098.46	72.36931	24.74371	71.92044	71.28387	70.91096	0	29.08904	21.49163	7.597405	32.88652	5
1701.165	1700.965	1098.465	70.81052	32.64971	70.20659	70.05153	71.63353	0	28.36647	9.368035	18.99844	32.70625	5
1701.17	1700.97	1098.47	77.23337	62.86835	77.50269	77.66591	51.64393	2.635766	45.7203	25.4825	20.2378	32.14333	5
1701.175	1700.975	1098.475	75.27469	81.10477	73.17726	71.02271	67.37497	0	32.62503	9.425386	23.19965	33.14295	5

1701.18	1700.98	1098.48	80.8651	429.2751	72.92427	64.26525	23.26095	10.78109	65.95796	34.20278	31.75518	25.80648	5
1701.185	1700.985	1098.485	89.94033	726.2397	81.03648	63.66133	0	22.36806	77.63194	77.63194	0	-9999	5
1701.19	1700.99	1098.49	92.44581	428.1495	87.20634	85.44352	0	11.78838	88.21162	88.21162	0	-9999	5
1701.195	1700.995	1098.495	76.40093	302.7991	69.62715	64.78757	48.93055	5.974805	45.09464	23.4105	21.68414	27.4571	5
1701.2	1701	1098.5	72.1816	69.80192	70.36166	66.65648	70.80543	0	29.19457	13.8454	15.34917	33.50162	5
1701.205	1701.005	1098.505	72.2877	42.92019	72.09999	68.33768	64.56336	0	35.43664	16.07399	19.36265	33.90626	5
1701.21	1701.01	1098.51	74.86663	36.23972	74.85847	75.48688	62.41594	0	37.58406	17.21524	20.36882	33.62642	5
1701.215	1701.015	1098.515	73.32417	43.87264	73.43842	74.67076	61.0391	0	38.9609	19.77681	19.18409	33.4951	5
1701.22	1701.02	1098.52	73.94442	32.09023	73.83832	73.47107	65.02754	0	34.97246	21.00592	13.96654	33.41356	5
1701.225	1701.025	1098.525	73.30784	33.28912	73.22623	73.81384	65.13331	0	34.86669	13.97399	20.8927	33.16308	5
1701.23	1701.03	1098.53	71.70825	31.8438	71.47974	71.35732	68.09319	0	31.90681	12.59953	19.30729	32.91198	5
1701.235	1701.035	1098.535	71.8878	29.28617	71.85515	71.78986	67.02897	0	32.97103	14.04548	18.92555	32.99459	5
1701.24	1701.04	1098.54	73.58532	30.0055	73.569	72.94875	65.16667	0	34.83333	12.67525	22.15809	33.42769	5
1701.245	1701.045	1098.545	75.60114	49.6606	75.47056	74.49938	59.44108	0.436177	40.12275	9.915538	30.20721	33.70893	5
1701.25	1701.05	1098.55	76.80899	60.33737	76.17242	75.15227	59.66752	0.412825	39.91965	9.539309	30.38035	33.61054	5
1701.255	1701.055	1098.555	75.56033	45.82416	74.7687	73.90361	65.53022	0	34.46978	8.579783	25.89	33.38997	5
1701.26	1701.06	1098.56	74.99721	37.20549	74.35247	72.60598	66.99552	0	33.00448	22.6389	10.36557	33.45303	5
1701.265	1701.065	1098.565	75.87862	28.6068	75.52768	75.29917	65.98854	0	34.01146	10.11979	23.89166	33.43898	5
1701.27	1701.07	1098.57	75.38894	54.16975	74.54834	72.66311	64.04775	0	35.95225	19.89934	16.05291	33.68396	5
1701.275	1701.075	1098.575	69.43128	40.65562	69.42312	64.62435	66.34781	0	33.65219	16.2364	17.41579	33.71999	5
1701.28	1701.08	1098.58	65.47311	42.91353	64.62435	62.47796	75.95758	0	24.04242	23.15286	0.889566	33.07353	5
1701.285	1701.085	1098.585	63.81639	51.12591	62.73095	59.93983	77.32859	0	22.67141	4.054977	18.61643	33.41188	5
1701.29	1701.09	1098.59	63.00843	36.15313	62.28209	61.00894	78.91236	0	21.08764	21.08764	0	32.91856	5
1701.295	1701.095	1098.595	63.46546	33.41567	62.75544	61.00894	79.02786	0	20.97214	8.184458	12.78768	32.97744	5
1701.3	1701.1	1098.6	66.29739	35.1807	65.74243	62.52692	74.79362	0	25.20638	9.735372	15.47101	33.11498	5
1701.305	1701.105	1098.605	68.23159	80.95158	66.15865	65.44046	73.70194	0	26.29806	9.038855	17.2592	33.29365	5
1701.31	1701.11	1098.61	69.38232	107.1073	66.54222	65.54656	72.25901	0	27.74099	7.299311	20.44168	33.57367	5
1701.315	1701.115	1098.615	68.37033	38.77736	67.83985	67.8725	71.82637	0	28.17363	8.542816	19.63081	32.59901	5
1701.32	1701.12	1098.62	67.22776	33.98181	66.50142	66.79522	75.55603	0	24.44397	20.6672	3.776765	32.5242	5
1701.325	1701.125	1098.625	66.94212	27.47452	66.40348	65.9791	75.93886	0	24.06114	8.158975	15.90217	32.5709	5
1701.33	1701.13	1098.63	66.81154	34.79439	65.72611	64.6978	78.52528	0	21.47472	5.008504	16.46622	32.93391	5
1701.335	1701.135	1098.635	69.31703	41.7213	68.26423	67.4726	74.29092	0	25.70908	20.42354	5.285533	32.82896	5
1701.34	1701.14	1098.64	68.64781	42.02102	68.35401	68.57436	68.9519	0	31.0481	7.518267	23.52983	32.64196	5
1701.345	1701.145	1098.645	68.96609	36.63269	68.50907	67.19512	71.22804	0	28.77196	5.070612	23.70135	32.86094	5
1701.35	1701.15	1098.65	68.38665	39.54998	67.59502	66.84419	73.64835	0	26.35165	21.1426	5.209046	32.76987	5
1701.355	1701.155	1098.655	68.90081	39.30354	68.23159	67.42363	72.28623	0	27.71377	10.18223	17.53154	32.78371	5
1701.36	1701.16	1098.66	68.95793	41.06191	68.73758	69.87199	68.32945	0	31.67055	6.991796	24.67876	32.50396	5
1701.365	1701.165	1098.665	68.62333	50.64635	67.35018	65.21195	74.47699	0	25.52301	5.666134	19.85687	33.17142	5
1701.37	1701.17	1098.67	68.39481	40.18273	67.27673	66.02807	76.01769	0	23.98231	6.999271	16.98304	32.933	5
1701.375	1701.175	1098.675	67.78272	38.67746	66.91764	66.78706	74.98436	0	25.01564	11.50808	13.50756	32.66078	5
1701.38	1701.18	1098.68	65.93014	23.66472	65.03241	64.15916	80.57482	0	19.42518	8.756892	10.66829	32.86714	5
1701.385	1701.185	1098.685	65.95462	29.83899	65.09769	64.39583	78.74188	0	21.25812	14.41301	6.84511	32.78788	5
1701.39	1701.19	1098.69	65.74243	29.23288	64.8855	64.06122	79.08377	0	20.91623	7.856848	13.05938	32.82011	5
1701.395	1701.195	1098.695	67.79905	27.24806	66.99109	66.07704	77.29251	0	22.70749	18.51692	4.190563	32.75722	5
1701.4	1701.2	1098.7	68.70494	25.92928	67.93779	66.94212	76.46199	0	23.53801	8.468265	15.06974	32.75283	5
1701.405	1701.205	1098.705	69.4476	34.22825	68.64781	67.55421	74.02338	0	25.97662	5.266661	20.70995	32.81871	5
1701.41	1701.21	1098.71	67.26041	39.67653	66.126	64.82838	77.31034	0	22.68966	4.135961	18.5537	32.98509	5
1701.415	1701.215	1098.715	69.32519	42.41399	68.26423	66.55855	74.17903	0	25.82097	18.47608	7.344886	33.00188	5
1701.42	1701.22	1098.72	70.26372	36.59938	69.30886	68.86816	73.90048	0	26.09952	11.54009	14.55943	32.73219	5
1701.425	1701.225	1098.725	71.13697	48.64155	69.47209	67.37466	75.68556	0	24.31444	10.61927	13.69517	33.10705	5
1701.43	1701.23	1098.73	83.25632	284.6227	77.74753	70.25556	37.21868	4.849811	57.93151	22.84238	35.08913	28.66192	5
1701.435	1701.235	1098.735	93.14768	567.1739	80.38359	72.7284	15.96974	0	84.03026	48.74537	35.2849	23.26228	5
1701.44	1701.24	1098.74	99.59501	493.0959	105.0956	89.09157	0	85.29371	14.70629	14.70629	0	-9999	5
1701.445	1701.245	1098.745	101.4802	429.5615	112.0245	94.67382	0	100	0	0	0	-9999	5
1701.45	1701.25	1098.75	95.65316	346.3254	90.70748	85.14972	6.517331	5.928788	87.55388	67.24102	20.31286	-9999	5
1701.455	1701.255	1098.755	75.59297	54.10981	74.46673	74.23822	66.08827	0	33.91173	9.969065	23.94266	33.11218	5
1701.46	1701.26	1098.76	73.72406	21.89969	73.58532	73.4221	67.94937	0	32.05063	11.1185	20.93212	33.11691	5
1701.465	1701.265	1098.765	73.06301	19.32208	72.5815	72.00205	71.83779	0	28.16221	6.161921	22.00029	32.87181	5
1701.47	1701.27	1098.77	73.06301	18.05658	72.73656	73.32417	70.94231	0	29.05769	21.96404	7.093655	32.71425	5
1701.475	1701.275	1098.775	68.87632	13.6207	68.68861	68.33768	74.79231	0	25.20769	8.370457	16.83724	32.49276	5
1701.48	1701.28	1098.78	67.8725	18.92911	67.48892	67.15431	75.94917	0	24.05083	3.748358	20.30247	32.49915	5
1701.485	1701.285	1098.785	70.18211	21.50672	69.68428	69.1538	74.08603	0	25.91397	18.50239	7.41158	32.65778	5
1701.49	1701.29	1098.79	70.51672	26.50208	70.13314	70.38614	71.68382	0	28.31618	15.99405	12.32213	32.58821	5
1701.495	1701.295	1098.795	70.83501	43.3065	70.14947	70.14947	69.66455	0	30.33545	9.913644	20.4218	32.7807	5
1701.5	1701.3	1098.8	67.66031	44.75848	66.76258	66.85235	73.87837	0	26.12163	17.60662	8.515012	32.65991	5
1701.505	1701.305	1098.805	66.00359	31.55739	64.94263	62.15967	79.8622	0	20.1378	19.73182	0.40598	33.29317	5
1701.51	1701.31	1098.81	68.85184	56.43432	68.86816	64.75493	62.87271	0	37.12729	18.33747	18.78983	33.86057	5
1701.515	1701.315	1098.815	71.89596	46.357	71.58583	70.9411	65.04079	0	34.95921	9.264423	25.69479	33.25161	5
1701.52	1701.32	1098.82	70.14947	36.53944	69.81486	67.99491	69.21316	0	30.78684	22.17928	8.607556	33.07024	5
1701.525	1701.325	1098.825	72.08367	47.35607	70.59833	68.43562	73.7342	0	26.2658	7.921606	18.34419	33.07921	5
1701.53	1701.33	1098.83	70.46775	32.92946	70.14131	70.3535	69.73071	0	30.26929	5.637773	24.63152	32.67964	5
1701.535	1701.335	1098.835	68.99058	38.33111	67.93779	66.126	75.41168	0	24.58832	21.79612	2.792195	33.00214	5
1701.54	1701.34	1098.84	71.54503	45.45117	70.47591	69.89647	71.46503	0	28.53497	7.891477	20.64349	32.8446	5

1701.545	1701.345	1098.845	71.15329	34.78773	70.34533	69.65163	72.38201	0	27.61799	17.81995	9.798047	32.80283	5
1701.55	1701.35	1098.85	73.12014	85.50735	72.00205	72.86714	60.70183	0.562025	38.73614	12.70201	26.03413	32.64592	5
1701.555	1701.355	1098.855	76.00919	74.46426	75.18492	73.34865	58.43935	0.824762	40.73588	11.20138	29.5345	33.19945	5
1701.56	1701.36	1098.86	75.21756	66.93791	73.83016	70.5004	65.35323	0	34.64677	20.44939	14.19738	33.66964	5
1701.565	1701.365	1098.865	74.20557	80.24557	72.66311	68.34585	64.26554	0	35.73446	23.44867	12.2858	33.94846	5
1701.57	1701.37	1098.87	75.7562	66.53828	75.08698	72.45908	59.38846	0.544793	40.06674	27.52983	12.53692	33.65788	5
1701.575	1701.375	1098.875	75.42159	57.02044	74.2627	71.70009	65.79457	0	34.20543	7.335812	26.86962	33.55338	5
1701.58	1701.38	1098.88	74.7687	49.64062	74.67892	74.09132	59.89551	0.305855	39.79863	14.18381	25.61482	33.66739	5
1701.585	1701.385	1098.885	76.28667	49.21435	76.71922	75.76436	54.55418	1.764348	43.68147	30.82366	12.85781	32.96721	5
1701.59	1701.39	1098.89	78.8248	56.88057	79.44505	78.76767	48.90915	3.608933	47.48192	33.51343	13.96849	32.15505	5
1701.595	1701.395	1098.895	82.12192	35.90669	81.73018	82.31779	58.79437	0.749255	40.45637	23.82487	16.6315	33.93205	5
1701.6	1701.4	1098.9	83.88473	143.3271	80.78349	76.93141	52.17558	1.02083	46.80359	15.00668	31.79692	31.95587	5
1701.605	1701.405	1098.905	90.51978	285.9814	84.17854	82.59527	36.6589	0	63.3411	18.31176	45.02934	28.15083	5
1701.61	1701.41	1098.91	99.31753	353.1125	93.38435	97.04872	9.156795	0	90.84321	62.47485	28.36835	29.40136	5
1701.615	1701.415	1098.915	114.8156	318.5445	120.6917	124.5682	0	100	0	0	0	-9999	5
1701.62	1701.42	1098.92	110.8248	248.676	112.6284	118.5698	0	61.986	38.014	38.014	0	-9999	5
1701.625	1701.425	1098.925	91.98879	170.5485	88.47132	87.96533	41.35797	0.921781	57.72025	22.82257	34.89767	30.69837	5
1701.63	1701.43	1098.93	83.61542	60.01766	81.9587	80.89774	61.38912	0	38.61088	8.354581	30.2563	33.40878	5
1701.635	1701.435	1098.935	83.25632	34.43473	82.48101	81.52615	61.07965	0	38.92035	22.1713	16.74905	34.64491	5
1701.64	1701.44	1098.94	93.44148	53.07077	91.99695	90.16068	52.38581	1.787223	45.82696	28.84164	16.98533	33.70461	5
1701.645	1701.445	1098.945	81.69754	33.14259	82.21169	83.24	52.83306	2.908972	44.25797	29.97221	14.28575	32.8806	5
1701.65	1701.45	1098.95	84.42337	57.26022	83.8929	82.89723	52.58472	2.53818	44.8771	24.00464	20.87246	32.95686	5
1701.655	1701.455	1098.955	86.55344	150.2073	84.9212	83.28897	36.67049	5.931625	57.39789	27.3512	30.04668	30.26663	5
1701.66	1701.46	1098.96	94.22495	416.6335	90.20149	74.70341	0	15.08734	84.91266	84.91266	0	-9999	5
1701.665	1701.465	1098.965	89.17318	234.5757	87.27163	75.16859	15.9304	11.17985	72.88975	50.20531	22.68445	31.72788	5
1701.67	1701.47	1098.97	86.15354	214.3012	82.33411	76.94773	38.47845	3.673697	57.84785	39.64995	18.1979	30.0056	5
1701.675	1701.475	1098.975	86.02296	149.6878	85.37823	79.73885	29.6311	8.956929	61.41197	36.0509	25.36107	30.82169	5
1701.68	1701.48	1098.98	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1702.005	1701.805	1099.305	99.97859	97.44295	97.91381	95.46545	40.44055	3.314822	56.24463	23.30309	32.94154	32.34794	-9999
1702.01	1701.81	1099.31	88.87122	32.51651	88.82225	89.76895	50.74898	4.383316	44.8677	13.52281	31.34489	32.84763	-9999
1702.015	1701.815	1099.315	85.38639	38.04471	85.04362	84.84775	54.89416	2.17281	42.93303	21.93079	21.00224	33.51501	-9999
1702.02	1701.82	1099.32	88.40603	24.2908	88.3081	87.94084	53.54707	3.407701	43.04523	20.42189	22.62334	33.62755	-9999
1702.025	1701.825	1099.325	87.55727	50.02027	86.64321	85.39455	54.42632	1.828592	43.74509	14.822	28.9231	33.5863	-9999
1702.03	1701.83	1099.33	85.28846	40.23601	84.30096	83.88473	59.45065	0.247548	40.3018	22.42683	17.87497	34.36167	-9999
1702.035	1701.835	1099.335	85.00282	38.07135	84.14589	83.66438	59.2253	0.424296	40.3504	18.58038	21.77002	34.34326	-9999
1702.04	1701.84	1099.34	84.02347	22.0662	83.41139	82.17905	62.10207	0	37.89793	26.20565	11.69228	34.96817	-9999
1702.045	1701.845	1099.345	87.3614	29.80569	87.05943	86.55344	54.75476	2.551383	42.69386	14.43383	28.26003	33.75454	-9999
1702.05	1701.85	1099.35	85.54145	24.18423	84.92937	83.82761	60.19296	0.427008	39.38003	23.95362	15.42641	34.8914	-9999
1702.055	1701.855	1099.355	84.0398	31.81049	82.96252	81.16706	63.33414	0	36.66586	18.76032	17.90554	34.20909	-9999
1702.06	1701.86	1099.36	84.39889	29.85231	84.09693	84.3336	57.46898	1.378837	41.15218	20.84844	20.30375	33.96475	-9999
1702.065	1701.865	1099.365	84.36624	23.10523	83.8929	83.42771	60.46004	0.387367	39.15259	24.33509	14.8175	34.77958	-9999
1702.07	1701.87	1099.37	83.52564	27.86748	82.74217	80.44888	62.4844	0	37.5156	12.0565	25.4591	34.76533	-9999
1702.075	1701.875	1099.375	83.43587	26.06915	83.01965	81.35477	60.15597	0.443348	39.40068	25.18487	14.21581	34.84209	-9999
1702.08	1701.88	1099.38	85.06811	62.66854	83.493	83.42771	58.77864	0	41.22136	23.14987	18.07149	33.69551	-9999
1702.085	1701.885	1099.385	82.7993	69.64873	81.47719	78.96354	57.21602	0.67515	42.10883	27.62286	14.48597	33.68118	-9999
1702.09	1701.89	1099.39	80.44072	19.86158	79.93472	79.27367	65.10949	0	34.89051	19.51667	15.37384	34.0778	-9999
1702.095	1701.895	1099.395	80.75084	24.79034	80.24485	79.93472	63.63141	0	36.36859	19.73415	16.63444	34.19743	-9999
1702.1	1701.9	1099.4	82.1464	35.52039	82.67688	82.70952	51.71818	3.313042	44.96878	28.07391	16.89487	32.87684	-9999
1702.105	1701.905	1099.405	83.45219	34.19495	83.00333	82.79114	58.42751	0.902154	40.67034	19.14294	21.5274	34.10829	-9999
1702.11	1701.91	1099.41	83.68887	24.43733	83.14207	82.70952	61.3301	0.034126	38.63577	7.388549	31.24722	34.8945	-9999
1702.115	1701.915	1099.415	81.28948	43.26653	81.4119	81.64857	53.79444	2.353292	43.85227	13.39754	30.45473	32.97776	-9999
1702.12	1701.92	1099.42	81.06913	45.36459	80.93039	81.06913	55.51341	1.723331	42.76326	27.26854	15.49472	33.21808	-9999
1702.125	1701.925	1099.425	84.05612	42.18087	83.79496	82.13008	54.48457	2.209388	43.30604	31.05172	12.25432	33.5882	-9999
1702.13	1701.93	1099.43	81.3058	38.06469	81.16706	79.58379	57.06224	1.309884	41.62787	28.1637	13.46418	33.93556	-9999
1702.135	1701.935	1099.435	81.86892	44.15904	82.3994	80.7182	49.88291	3.773313	46.34378	23.30337	23.04041	32.7942	-9999
1702.14	1701.94	1099.44	79.42873	33.68209	79.58379	79.36344	57.57277	1.126066	41.30116	30.04098	11.26018	33.75736	-9999
1702.145	1701.945	1099.445	77.52717	48.14201	77.64959	76.49887	56.0759	1.407804	42.5163	19.82854	22.68776	33.31132	4
1702.15	1701.95	1099.45	80.70187	49.58068	81.17522	80.30198	50.0873	3.488839	46.42386	15.43534	30.98852	32.53394	4
1702.155	1701.955	1099.455	81.89341	32.57645	81.93421	81.77915	56.45832	1.633826	41.90785	24.10732	17.80054	33.69046	4
1702.16	1701.96	1099.46	80.52233	21.01384	80.44072	80.01633	61.4666	0.046153	38.48725	12.25167	26.23558	34.80779	4
1702.165	1701.965	1099.465	80.83245	20.74076	80.5713	79.80414	62.63885	0	37.36115	18.80689	18.55425	34.67037	4
1702.17	1701.97	1099.47	80.92223	31.35758	80.6121	78.43307	60.36649	0.28436	39.34915	19.87866	19.4705	34.75045	4
1702.175	1701.975	1099.475	82.89723	22.74557	82.76665	83.44403	59.24211	0.857595	39.9003	18.85364	21.04666	34.25487	4
1702.18	1701.98	1099.48	85.84342	28.56017	85.75365	86.4147	54.80823	2.548425	42.64334	18.60927	24.03408	33.49571	4
1702.185	1701.985	1099.485	82.66056	28.02068	82.3994	82.73401	59.19526	0.75737	40.04737	13.87011	26.17726	34.21069	4
1702.19	1701.99	1099.49	84.65189	39.86968	84.7335	82.83194	51.83931	3.355093	44.8056	26.48777	18.31782	33.27988	4
1702.195	1701.995	1099.495	86.53712	27.38793	86.73299	86.25148	52.23999	3.76877	43.99124	24.82618	19.16506	33.32329	4
1702.2	1702	1099.5	87.32059	26.10245	87.2553	85.98216	53.85425	3.131473	43.01427	29.03684	13.97743	33.78202	4
1702.205	1702.005	1099.505	86.71666	35.08079	86.91253	86.94518	50.21314	4.377495	45.40937	30.16067	15.2487	32.82717	4
1702.21	1702.01	1099.51	85.14972	36.13315	85.43536	85.10891	50.70432	3.988813	45.30687	20.33068	24.97619	32.89575	4
1702.215	1702.015	1099.515	82.40756	27.5944	82.11376	80.89774	59.78417	0.551286	39.66455	15.17272	24.49183	34.60432	4
1702.22	1702.02	1099.52	88.13671	38.74406	87.34508	86.42286	55.67333	1.698691	42.62798	25.14167	17.48631	33.92549	4
1702.225	1702.025	1099.525	92.41317	63.91405	91.31957	87.98165	47.98807	3.743532	48.2684	33.93148	14.33692	33.09048	4

1702.23	1702.03	1099.53	90.46265	65.70572	88.38971	86.19435	56.93887	0	43.06113	14.5118	28.54934	33.35526	4
1702.235	1702.035	1099.535	82.6932	37.75165	81.84444	80.96303	61.36427	0	38.63573	7.42791	31.20782	34.40795	4
1702.24	1702.04	1099.54	92.52743	104.9027	91.95614	90.64219	33.91576	8.901864	57.18238	26.83361	30.34877	30.95909	4
1702.245	1702.045	1099.545	93.40067	176.4896	94.36369	93.33538	3.897491	21.76248	74.34003	74.34003	0	-9999	4
1702.25	1702.05	1099.55	97.56288	86.54639	98.75441	100.7784	20.06355	21.27511	58.66134	27.39515	31.26618	30.03682	4
1702.255	1702.055	1099.555	98.79521	115.4995	97.22011	96.57537	33.3646	7.129069	59.50633	23.57985	35.92648	31.14217	4
1702.26	1702.06	1099.56	93.73528	75.92291	91.82556	89.28744	50.1905	1.291133	48.51837	26.30844	22.20993	33.29963	4
1702.265	1702.065	1099.565	96.09386	91.84814	95.27774	91.80108	35.69131	8.612635	55.69605	26.83659	28.85946	31.72356	4
1702.27	1702.07	1099.57	92.28259	79.96583	91.9643	89.77711	38.215	8.245075	53.53992	32.08535	21.45457	31.59772	4
1702.275	1702.075	1099.575	88.27545	53.13072	88.57741	90.5769	43.58873	6.814394	49.59687	32.99233	16.60455	31.45993	4
1702.28	1702.08	1099.58	82.61159	42.59382	82.04847	80.69371	58.05382	0.879553	41.06662	24.36408	16.70255	34.06272	4
1702.285	1702.085	1099.585	81.87708	32.39662	81.77915	81.02016	57.59209	1.234264	41.17365	28.25562	12.91803	34.00164	4
1702.29	1702.09	1099.59	80.34278	66.75808	80.11427	80.04898	51.70016	2.703041	45.5968	25.92763	19.66917	32.27015	4
1702.295	1702.095	1099.595	80.69371	82.00394	79.73069	76.35196	53.38023	1.991976	44.62779	31.83632	12.79147	32.85803	4
1702.3	1702.1	1099.6	78.22087	39.50336	77.68224	77.16808	62.65143	0	37.34857	25.9853	11.36327	33.94862	4
1702.305	1702.105	1099.605	77.72304	34.44805	77.29866	76.83347	63.44733	0	36.55267	25.31649	11.23618	33.87838	4
1702.31	1702.11	1099.61	74.90744	31.10448	74.56467	74.78502	66.21434	0	33.78566	6.450581	27.33508	33.23028	4
1702.315	1702.115	1099.615	76.7437	23.718	76.67025	76.53967	64.22528	0	35.77472	8.52839	27.24633	33.82488	4
1702.32	1702.12	1099.62	77.9842	23.13854	77.89443	78.09846	63.35075	0	36.64925	22.32329	14.32596	34.04321	4
1702.325	1702.125	1099.625	78.56364	27.44121	78.51468	79.24918	61.46017	0	38.53983	12.61008	25.92975	34.28305	4
1702.33	1702.13	1099.63	77.3966	25.26323	77.27418	77.0375	63.63017	0	36.36983	14.9043	21.46553	33.97438	4
1702.335	1702.135	1099.635	77.37211	24.90357	77.20073	77.11912	64.11923	0	35.88077	10.99588	24.88489	33.86273	4
1702.34	1702.14	1099.64	76.3438	27.26804	76.41725	76.81715	62.59559	0	37.40441	20.70737	16.69703	33.90542	4
1702.345	1702.145	1099.645	75.55217	18.42291	75.33998	74.71973	67.67814	0	32.32186	13.86015	18.46171	33.39843	4
1702.35	1702.15	1099.65	75.87045	20.65418	75.61746	75.63378	67.1616	0	32.8384	19.24195	13.59645	33.33837	4
1702.355	1702.155	1099.655	77.94339	28.23381	77.66591	76.7029	63.60997	0	36.39003	9.946745	26.44329	34.08743	4
1702.36	1702.16	1099.66	76.98854	37.99143	76.89876	76.21322	60.67236	0.101196	39.22644	16.95432	22.27212	34.18756	4
1702.365	1702.165	1099.665	78.50652	36.17977	78.71871	78.76767	57.37402	1.11995	41.50603	15.3752	26.13083	33.58019	4
1702.37	1702.17	1099.67	77.6904	34.36812	77.13544	74.45041	64.50869	0	35.49131	21.80032	13.69099	34.09705	4
1702.375	1702.175	1099.675	78.19639	28.29376	78.24536	78.39226	60.83274	0.108672	39.05859	17.35705	21.70154	34.32039	4
1702.38	1702.18	1099.68	79.4777	31.11114	79.64908	79.58379	58.02339	1.009502	40.96711	22.18907	18.77804	33.8549	4
1702.385	1702.185	1099.685	77.27418	35.20734	76.94773	75.39711	62.91755	0	37.08245	25.44686	11.63559	34.13621	4
1702.39	1702.19	1099.69	76.96405	41.85451	76.88244	76.80899	59.69677	0.372677	39.93055	10.34229	29.58826	33.8161	4
1702.395	1702.195	1099.695	80.20404	61.29648	80.00001	79.15125	52.95976	2.352864	44.68737	15.30862	29.37875	32.67914	4
1702.4	1702.2	1099.7	78.35961	64.54679	77.41292	75.84597	59.62573	0.358629	40.01564	14.60172	25.41392	33.71207	4
1702.405	1702.205	1099.705	76.16426	50.51315	75.61746	75.72355	61.9424	0	38.0576	19.90642	18.15118	33.68841	4
1702.41	1702.21	1099.71	77.12728	40.53573	76.48254	74.73605	64.22994	0	35.77006	16.32284	19.44722	33.83786	4
1702.415	1702.215	1099.715	79.09412	46.14386	78.49836	78.24536	60.68378	0.07485	39.24137	17.07472	22.16665	34.07295	4
1702.42	1702.22	1099.72	82.48917	89.84999	80.72636	78.77584	56.02808	0.819603	43.15232	24.90961	18.24271	32.99522	4
1702.425	1702.225	1099.725	79.41241	78.67369	77.16808	73.569	65.29507	0	34.70493	16.62087	18.08406	33.09886	4
1702.43	1702.23	1099.73	78.31881	48.97457	78.46571	80.28565	54.95636	1.769435	43.2742	30.55831	12.71589	32.6116	4
1702.435	1702.235	1099.735	81.35477	41.85451	81.64041	83.39506	52.8111	2.724489	44.46441	16.32583	28.13858	32.57571	4
1702.44	1702.24	1099.74	83.45219	36.89911	83.37874	82.16273	54.86364	2.188256	42.9481	28.15255	14.79555	33.61804	4
1702.445	1702.245	1099.745	87.28795	174.4582	83.44403	80.38359	47.26656	0.748441	51.985	22.08353	29.90147	31.07506	4
1702.45	1702.25	1099.75	87.45117	298.603	81.44454	80.73452	33.83437	2.950928	63.2147	33.8795	29.3352	27.76202	4
1702.455	1702.255	1099.755	87.11656	301.5203	80.96303	79.21654	34.57471	2.912839	62.51245	39.31618	23.19627	27.8548	4
1702.46	1702.26	1099.76	86.39838	198.7223	83.08494	82.97884	38.10184	4.048709	57.84945	36.81052	21.03892	29.28937	4
1702.465	1702.265	1099.765	85.54962	44.49206	85.27214	84.03164	52.67775	2.882947	44.43931	22.40713	22.03218	33.25695	4
1702.47	1702.27	1099.77	88.24281	36.5461	87.9082	87.98981	52.56568	3.26953	44.16479	30.97447	13.19032	33.22516	4
1702.475	1702.275	1099.775	87.54911	77.74788	86.03929	85.72916	52.34093	1.647864	46.01121	29.17516	16.83605	32.69623	4
1702.48	1702.28	1099.78	87.55727	84.82798	85.25581	82.20353	56.75521	0	43.24479	16.68666	26.55813	33.15881	4
1702.485	1702.285	1099.785	84.3336	60.21082	82.74217	79.63276	60.17566	0	39.82434	15.84648	23.97787	34.02884	4
1702.49	1702.29	1099.79	83.39506	51.71203	82.24434	78.72687	59.68036	0.06303	40.25661	26.32098	13.93563	34.66501	4
1702.495	1702.295	1099.795	85.51697	68.9294	84.39073	79.06148	53.37186	1.813363	44.81478	27.26279	17.55199	33.7625	4
1702.5	1702.3	1099.8	86.74115	53.60361	86.14538	82.51366	51.84326	2.888454	45.26829	22.33016	22.93813	33.50408	4
1702.505	1702.305	1099.805	88.25097	60.0443	87.32875	85.85974	51.42554	2.703426	45.87103	18.63277	27.23826	33.04502	4
1702.51	1702.31	1099.81	89.49963	55.5618	89.09157	89.81791	47.37685	4.83347	47.78968	32.9624	14.82728	32.17012	4
1702.515	1702.315	1099.815	90.43816	70.30146	89.45882	87.71233	47.37384	3.934264	48.6919	28.3977	20.2942	32.52368	4
1702.52	1702.32	1099.82	93.86586	127.9014	91.75211	90.17701	39.07281	3.90207	57.02512	33.70355	23.32157	31.30727	4
1702.525	1702.325	1099.825	97.13033	93.34009	96.20812	93.62919	35.19895	8.667694	56.13336	27.44192	28.69144	31.56242	4
1702.53	1702.33	1099.83	98.21577	65.93218	97.84852	97.31804	36.53212	10.7441	52.72378	24.98778	27.73601	31.36914	4
1702.535	1702.335	1099.835	95.31855	73.26537	95.645	98.33003	32.04675	13.04724	54.90601	39.66267	15.24334	30.33982	4
1702.54	1702.34	1099.84	90.25046	53.87669	89.76079	91.10738	47.72637	4.733323	47.54031	20.60511	26.9352	32.15567	4
1702.545	1702.345	1099.845	89.20583	49.82711	88.83857	89.03444	48.71869	4.47285	46.80846	25.72391	21.08455	32.50258	4
1702.55	1702.35	1099.85	88.12039	38.36441	87.91636	87.98165	51.22628	3.823111	44.95061	25.61876	19.33185	32.98474	4
1702.555	1702.355	1099.855	87.73681	48.52832	87.22266	85.5741	51.52298	3.209851	45.26717	21.06731	24.19986	33.20645	4
1702.56	1702.36	1099.86	87.37772	69.41561	86.45551	86.75747	49.96107	3.051864	46.98706	15.77564	31.21143	32.32564	4
1702.565	1702.365	1099.865	87.98165	57.42673	87.38588	86.39022	49.7768	3.611728	46.61147	14.24358	32.36789	32.72633	4
1702.57	1702.37	1099.87	90.33207	42.00104	89.9893	89.63837	49.38671	4.57333	46.03996	17.88818	28.15178	32.83171	4
1702.575	1702.375	1099.875	90.96048	36.31964	90.87071	90.45449	48.22275	5.58564	46.19161	33.84292	12.34869	32.74373	4
1702.58	1702.38	1099.88	91.31957	35.88005	91.80108	93.43332	43.57132	8.303989	48.12469	29.97995	18.14474	31.74822	4
1702.585	1702.385	1099.885	94.42898	48.0088	95.60419	95.93064	32.39933	15.1859	52.41477	28.49994	23.91483	30.86946	4
1702.59	1702.39	1099.89	96.32238	37.56516	96.90182	97.04872	37.80196	12.93311	49.26494	33.32959	15.93535	31.36226	4

1702.595	1702.395	1099.895	94.21679	31.61068	94.46163	93.7108	43.77329	8.950187	47.27652	20.76709	26.50943	32.27679	4
1702.6	1702.4	1099.9	91.75211	44.1324	91.76844	92.69881	44.78152	7.040166	48.17832	22.62009	25.55823	31.97627	4
1702.605	1702.405	1099.905	93.44148	42.767	92.91916	92.02143	47.73217	5.400791	46.86704	27.39348	19.47356	32.80398	4
1702.61	1702.41	1099.91	91.87453	31.52409	91.71131	91.67866	49.11158	5.451402	45.43701	25.32246	20.11455	32.87919	4
1702.615	1702.415	1099.915	92.4703	36.78588	91.98879	92.00511	49.75684	4.684751	45.55841	14.53781	31.02059	32.95823	4
1702.62	1702.42	1099.92	92.50294	42.06765	91.80108	90.82174	50.15635	4.056186	45.78746	27.89384	17.89363	33.17059	4
1702.625	1702.425	1099.925	91.72763	44.17902	91.14003	89.67101	49.4732	4.346602	46.1802	27.6681	18.5121	33.09471	4
1702.63	1702.43	1099.93	90.55242	35.70688	90.69116	90.40552	46.97547	6.291216	46.73331	15.44735	31.28596	32.53222	4
1702.635	1702.435	1099.935	90.71564	33.50892	90.82174	90.936	47.61021	6.099561	46.29023	21.4814	24.80883	32.57223	4
1702.64	1702.44	1099.94	90.11988	52.8976	89.40985	86.23516	49.79117	3.719174	46.48966	24.10243	22.38722	33.29592	4
1702.645	1702.445	1099.945	88.26729	58.45245	87.73681	84.29279	48.7598	4.032741	47.20746	19.41016	27.7973	33.03599	4
1702.65	1702.45	1099.95	88.73248	63.52108	88.47132	85.32926	45.01799	5.589156	49.39285	23.18366	26.20919	32.46575	4
1702.655	1702.455	1099.955	92.95997	51.19252	93.46596	93.08239	38.16679	10.64441	51.18879	21.3659	29.82289	31.45708	4
1702.66	1702.46	1099.96	92.06224	46.68336	93.2048	94.13518	35.15048	12.71202	52.1375	37.32716	14.81034	30.99487	4
1702.665	1702.465	1099.965	90.10356	55.89482	91.33589	92.20914	34.02756	12.09116	53.88128	30.30511	23.57617	30.89039	4
1702.67	1702.47	1099.97	89.28744	41.60141	89.91585	90.683	42.91783	7.951162	49.13101	16.16004	32.97096	31.75367	4
1702.675	1702.475	1099.975	91.49096	27.76758	91.50728	91.87453	48.98207	5.77907	45.23886	16.83659	28.40227	32.80155	4
1702.68	1702.48	1099.98	92.3642	26.03585	92.11937	93.50677	50.62173	4.985945	44.39232	32.38556	12.00676	32.92364	4
1702.685	1702.485	1099.985	92.28259	33.94851	92.38869	93.40067	46.06224	7.093986	46.84378	21.46843	25.37535	32.22123	4
1702.69	1702.49	1099.99	91.03393	34.91428	90.78909	90.9768	49.697	4.862685	45.44031	27.52014	17.92018	32.87288	4
1702.695	1702.495	1099.995	91.01761	35.86007	90.69116	91.35222	50.11563	4.568183	45.31619	20.722	24.59419	32.84346	4
1702.7	1702.5	1100	91.45015	42.94017	91.28693	91.94798	46.73932	5.984244	47.27643	23.59576	23.68067	32.28988	4
1702.705	1702.505	1100.005	93.35171	56.94052	92.8702	93.4578	44.06853	6.504836	49.42664	24.11604	25.31059	31.9129	1
1702.71	1702.51	1100.01	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1703	1702.8	1100.3	91.97247	36.27302	92.02143	91.20531	46.22777	6.792384	46.97985	30.91102	16.06883	32.5553	1
1703.005	1702.804	1100.304	87.78578	36.14647	87.61439	88.12855	51.81787	3.639822	44.54231	26.37945	18.16286	33.00372	1
1703.01	1702.809	1100.309	87.9082	35.94666	87.37772	87.6552	54.53656	2.369693	43.09374	25.39901	17.69473	33.51319	1
1703.015	1702.813	1100.313	86.52896	33.08265	86.17803	86.83092	55.10707	2.257109	42.63582	13.17554	29.46028	33.51226	1
1703.02	1702.818	1100.318	87.26346	28.66008	87.15737	87.89188	53.60411	3.130976	43.26491	21.08299	22.18192	33.3273	1
1703.025	1702.822	1100.322	84.67637	32.97608	84.30912	83.90922	56.96374	1.489279	41.54698	17.81279	23.73419	33.94802	1
1703.03	1702.826	1100.326	83.58277	45.00492	83.12575	82.70136	55.75461	1.651103	42.59428	24.23373	18.36055	33.49423	1
1703.035	1702.831	1100.331	82.01582	61.10998	80.69371	79.92656	60.00319	0	39.99681	24.36093	15.63588	33.8791	1
1703.04	1702.835	1100.335	81.35477	38.52427	80.4652	80.01633	62.7249	0	37.2751	14.14603	23.12907	33.95947	1
1703.045	1702.84	1100.34	81.54248	31.43751	81.02832	80.30198	61.35774	0	38.64226	23.79378	14.84847	34.62608	1
1703.05	1702.844	1100.344	80.81613	21.83974	80.51417	79.73069	62.70416	0	37.29584	16.99864	20.2972	34.60906	1
1703.055	1702.848	1100.348	82.34227	28.44695	81.92605	81.19971	60.58666	0.248199	39.16515	14.17125	24.9939	34.64712	1
1703.06	1702.853	1100.353	83.66438	28.74667	83.33794	82.45653	58.60204	0.966127	40.43183	28.6715	11.76033	34.35486	1
1703.065	1702.857	1100.357	84.26015	39.19698	83.68071	82.34227	57.48568	1.116982	41.39733	18.37136	23.02598	34.09894	1
1703.07	1702.862	1100.362	84.41521	52.54459	83.84393	82.67688	54.04965	2.093095	43.85725	24.45425	19.403	33.27691	1
1703.075	1702.866	1100.366	82.37492	35.24731	81.76283	82.57895	60.42892	0.178841	39.39224	14.09189	25.30035	34.21755	1
1703.08	1702.871	1100.371	80.84878	43.77939	80.08162	80.97935	60.96993	0	39.03007	21.64623	17.38384	33.97753	1
1703.085	1702.875	1100.375	81.40374	43.08004	80.64475	81.39557	60.56537	0.05105	39.38359	24.65487	14.72872	34.06045	1
1703.09	1702.879	1100.379	82.49733	55.50185	81.43638	81.88525	58.8934	0.359326	40.74728	27.23013	13.51715	33.65111	1
1703.095	1702.884	1100.384	82.04847	49.51407	81.12626	80.38359	59.68016	0.219333	40.10051	25.24924	14.85127	34.09325	1
1703.1	1702.888	1100.388	80.71004	47.20954	79.44505	77.60063	64.12568	0	35.87432	7.98512	27.8892	33.63345	1
1703.105	1702.893	1100.393	81.64041	42.5805	81.012	80.38359	59.45653	0.421656	40.12182	19.09388	21.02794	34.12489	1
1703.11	1702.897	1100.397	79.87759	35.60031	78.75135	78.08213	66.62572	0	33.37428	20.55217	12.82211	33.29048	1
1703.115	1702.901	1100.401	80.01633	35.72686	79.37976	79.13493	62.67251	0	37.32749	24.12264	13.20485	34.03059	1
1703.12	1702.906	1100.406	76.52335	32.13686	75.76436	75.67459	67.70357	0	32.29643	6.517636	25.77879	33.1383	1
1703.125	1702.91	1100.41	76.57232	23.11856	75.98471	75.96839	68.51272	0	31.48728	17.32436	14.16292	33.15969	1
1703.13	1702.915	1100.415	73.97706	16.64456	73.7159	73.90361	69.93709	0	30.06291	18.9746	11.08831	32.91568	1
1703.135	1702.919	1100.419	70.83501	29.1463	70.10866	68.4601	73.40757	0	26.59243	8.704592	17.88784	32.91772	1
1703.14	1702.924	1100.424	69.21093	27.7809	68.81919	67.69295	72.63893	0	27.36107	22.33561	5.025462	32.74464	1
1703.145	1702.928	1100.428	72.90795	26.61531	72.41827	71.85515	70.27873	0	29.72127	22.12997	7.5913	32.9152	1
1703.15	1702.932	1100.432	71.70009	21.72651	71.39813	70.85133	71.11832	0	28.88168	16.04456	12.83712	32.80524	1
1703.155	1702.937	1100.437	72.85898	28.02734	72.1816	71.05536	71.4368	0	28.5632	21.39374	7.169453	32.94615	1
1703.16	1702.941	1100.441	72.85898	27.75426	72.33666	72.01838	70.30116	0	29.69884	18.12304	11.5758	32.86287	1
1703.165	1702.946	1100.446	72.85082	18.73595	72.71208	72.85898	69.51838	0	30.48162	11.85669	18.62492	32.86015	1
1703.17	1702.95	1100.45	73.52003	16.52467	73.28336	72.85082	70.19682	0	29.80318	6.157018	23.64616	32.97814	1
1703.175	1702.954	1100.454	75.01353	19.81495	74.97272	74.73605	66.50858	0	33.49142	15.03444	18.45698	33.40521	1
1703.18	1702.959	1100.459	73.70774	16.65122	73.4221	73.34865	70.373	0	29.627	16.13189	13.49511	32.91034	1
1703.185	1702.963	1100.463	74.05051	23.15186	73.60165	72.73656	69.74948	0	30.25052	8.09111	22.15941	33.08259	1
1703.19	1702.968	1100.468	72.44276	12.18203	72.32034	72.15712	71.35335	0	28.64665	10.41546	18.23119	32.78921	1
1703.195	1702.972	1100.472	74.09132	13.57408	73.95258	74.09948	69.6263	0	30.3737	14.75705	15.61665	32.98229	1
1703.2	1702.977	1100.477	76.90692	17.25733	76.63761	75.95207	67.15658	0	32.84342	15.99246	16.85096	33.58648	1
1703.205	1702.981	1100.481	77.64959	16.97092	77.44556	77.96788	66.03664	0	33.96336	16.28961	17.67375	33.59876	1
1703.21	1702.985	1100.485	76.49887	22.13946	76.17242	75.62562	66.79326	0	33.20674	14.52974	18.677	33.50294	1
1703.215	1702.99	1100.49	76.18874	17.55039	75.82149	75.63378	68.50538	0	31.49462	18.40505	13.08957	33.26123	1
1703.22	1702.994	1100.494	75.03801	19.96148	74.99721	74.23822	66.45059	0	33.54941	7.595538	25.95387	33.5091	1
1703.225	1702.999	1100.499	75.86229	23.15186	75.4624	75.28285	67.70315	0	32.29685	15.43768	16.85917	33.2618	1
1703.23	1703.003	1100.503	75.09514	16.51801	74.71973	74.45041	69.82457	0	30.17543	17.19448	12.98095	33.08025	1
1703.235	1703.007	1100.507	74.21373	27.95407	73.822	73.32417	67.99444	0	32.00556	21.57411	10.43145	33.14753	1
1703.24	1703.012	1100.512	73.24255	30.53834	73.45474	73.13646	63.58209	0	36.41791	8.915118	27.50279	33.50491	1

1703.245	1703.016	1100.516	72.63047	25.66952	72.6223	72.12447	67.0312	0	32.9688	11.69525	21.27355	33.13351	1
1703.25	1703.021	1100.521	73.59348	18.14983	73.55268	73.25072	68.21798	0	31.78202	19.32748	12.45453	33.11669	1
1703.255	1703.025	1100.525	72.16528	19.92818	71.77354	70.95742	71.82128	0	28.17872	17.52322	10.6555	32.85226	1
1703.26	1703.03	1100.53	71.56951	22.53909	71.25123	70.17395	71.16831	0	28.83169	4.380477	24.45122	32.89201	1
1703.265	1703.034	1100.534	71.94493	21.57998	71.3818	70.80236	72.9525	0	27.0475	22.35743	4.690067	32.75377	1
1703.27	1703.038	1100.538	66.01991	18.42957	65.86485	65.95462	76.00346	0	23.99654	16.78012	7.21642	32.27087	1
1703.275	1703.043	1100.543	64.55906	28.56684	63.97145	63.3104	78.24643	0	21.75357	15.29729	6.456273	32.6418	1
1703.28	1703.047	1100.547	65.71794	32.94278	64.95895	65.10586	77.44951	0	22.55049	17.08849	5.461997	32.56478	1
1703.285	1703.052	1100.552	65.90565	27.17479	65.39966	64.26525	76.71195	0	23.28805	20.81401	2.474044	32.66582	1
1703.29	1703.056	1100.556	66.58303	31.32428	66.30555	64.78757	73.31361	0	26.68639	11.76629	14.9201	32.69166	1
1703.295	1703.06	1100.56	68.3132	25.56962	68.30504	68.83552	71.02726	0	28.97274	17.74703	11.22571	32.36098	1
1703.3	1703.065	1100.565	68.15814	24.5106	68.19078	67.08902	71.10995	0	28.89005	13.67525	15.2148	32.63784	1
1703.305	1703.069	1100.569	67.9133	24.5106	67.67663	67.82353	73.42242	0	26.57758	11.55354	15.02404	32.39664	1
1703.31	1703.074	1100.574	67.73376	24.99681	67.37466	66.89315	74.41868	0	25.58132	9.305007	16.27632	32.52555	1
1703.315	1703.078	1100.578	68.37849	23.41162	68.22343	67.66031	72.62791	0	27.37209	12.13643	15.23565	32.5445	1
1703.32	1703.083	1100.583	68.72126	31.81049	68.70494	66.64016	69.2048	0	30.7952	6.885044	23.91016	32.96027	1
1703.325	1703.087	1100.587	67.54605	31.90374	67.3257	67.04006	71.84466	0	28.15534	24.21138	3.943961	32.51414	1
1703.33	1703.091	1100.591	67.35834	24.28414	67.28489	67.78272	72.72281	0	27.27719	8.794366	18.48283	32.27548	1
1703.335	1703.096	1100.596	68.08469	34.16165	67.34202	65.58737	74.85064	0	25.14936	16.16168	8.987677	32.89486	1
1703.34	1703.1	1100.6	70.04337	26.4488	69.53738	69.47209	73.08094	0	26.91906	16.37806	10.541	32.58186	1
1703.345	1703.105	1100.605	71.17778	27.77424	70.86765	71.31652	70.19855	0	29.80145	21.66187	8.139582	32.63241	1
1703.35	1703.109	1100.609	70.73707	30.82474	70.13314	69.62715	72.14274	0	27.85726	15.74323	12.11403	32.73014	1
1703.355	1703.113	1100.613	71.52054	24.34409	71.088	70.73707	71.66204	0	28.33796	13.73577	14.60219	32.73634	1
1703.36	1703.118	1100.618	72.49173	28.43363	72.04286	73.13646	69.90538	0	30.09462	24.32238	5.772246	32.6058	1
1703.365	1703.122	1100.622	71.38997	24.23752	70.99007	70.87581	71.55496	0	28.44504	6.774286	21.67075	32.68904	1
1703.37	1703.127	1100.627	70.32085	21.16703	70.19027	70.44327	71.19438	0	28.80562	7.443351	21.36227	32.55093	1
1703.375	1703.131	1100.631	70.18211	23.11856	69.57818	68.28056	74.51821	0	25.48179	4.763406	20.71839	32.79169	1
1703.38	1703.136	1100.636	71.67561	27.63437	71.10432	70.25556	71.79837	0	28.20163	22.35502	5.846619	32.83424	1
1703.385	1703.14	1100.64	69.83934	25.32984	69.4068	68.67229	72.97019	0	27.02981	8.316135	18.71367	32.6885	1
1703.39	1703.144	1100.644	62.73911	22.37258	62.49428	62.29841	78.76333	0	21.23667	11.58199	9.654689	32.35843	1
1703.395	1703.149	1100.649	60.26628	24.07767	60.16018	60.06225	79.55047	0	20.44953	10.37055	10.07898	32.27979	1
1703.4	1703.153	1100.653	58.95233	21.08045	58.43001	56.961	84.71034	0	15.28966	14.37725	0.91241	33.11524	1
1703.405	1703.158	1100.658	59.09923	25.74945	59.10739	60.44582	79.3341	0	20.6659	15.11031	5.555589	31.93625	1
1703.41	1703.162	1100.662	59.47464	24.29746	59.32774	58.67484	80.54183	0	19.45817	15.13323	4.324938	32.4539	1
1703.415	1703.166	1100.666	58.20966	25.60292	57.49147	56.83042	85.81713	0	14.18287	13.27711	0.905753	33.25823	1
1703.42	1703.171	1100.671	60.29892	28.8932	59.67051	57.8424	82.40302	0	17.59698	17.59698	0	33.11764	1
1703.425	1703.175	1100.675	60.44582	35.69356	59.94799	57.72815	79.6102	0	20.3898	20.3898	0	33.00518	1
1703.43	1703.18	1100.68	62.38818	31.35758	61.85771	58.63404	79.12553	0	20.87447	20.87447	0	33.13907	1
1703.435	1703.184	1100.684	63.84903	55.86818	62.88601	57.03445	75.20219	0	24.79781	22.29424	2.503571	33.89239	1
1703.44	1703.189	1100.689	67.57869	127.9746	65.55472	59.06658	62.54353	1.625435	35.83103	19.20417	16.62686	32.86829	1
1703.445	1703.193	1100.693	70.55753	196.7508	67.13799	59.16452	53.97477	4.522291	41.50294	24.76712	16.73581	30.41055	1
1703.45	1703.197	1100.697	65.95462	97.36968	64.68964	59.51545	65.56191	0.350674	34.08742	21.32874	12.75868	33.83906	1
1703.455	1703.202	1100.702	62.46979	39.01048	61.923	58.78094	77.32495	0	22.67505	12.41517	10.25988	33.12709	1
1703.46	1703.206	1100.706	61.5231	23.74464	61.00894	58.17701	81.63724	0	18.36276	18.36276	0	33.12969	1
1703.465	1703.211	1100.711	62.04541	21.41347	61.39252	59.4828	82.79609	0	17.20391	6.771444	10.43246	33.0855	1
1703.47	1703.215	1100.715	62.89418	33.32908	61.49045	59.69499	84.95057	0	15.04943	9.401413	5.648012	33.69127	1
1703.475	1703.219	1100.719	62.93498	22.91874	61.91483	60.74778	84.45963	0	15.54037	15.54037	0	33.25409	1
1703.48	1703.224	1100.724	63.88984	20.67416	63.09821	61.93116	82.35337	0	17.64663	4.155951	13.49068	32.96016	1
1703.485	1703.228	1100.728	65.5384	20.42772	64.75493	63.96329	80.83308	0	19.16692	17.80155	1.365369	32.78843	1
1703.49	1703.233	1100.733	66.7789	30.19199	65.94646	66.88499	77.70837	0	22.29163	16.49982	5.791816	32.42796	1
1703.495	1703.237	1100.737	66.47693	37.28541	65.71794	64.32238	75.70032	0	24.29968	9.903371	14.39631	32.84368	1
1703.5	1703.242	1100.742	65.5384	26.38886	65.10586	63.34304	76.67078	0	23.32922	7.631338	15.69789	32.74334	1
1703.505	1703.246	1100.746	64.94263	19.18887	64.38767	62.77992	79.91002	0	20.08998	20.08998	0	32.80325	1
1703.51	1703.25	1100.75	66.55039	29.35277	66.10968	63.82455	75.08573	0	24.91427	16.60661	8.307659	32.86362	1
1703.515	1703.255	1100.755	67.6195	33.52224	66.73809	65.64449	76.50859	0	23.49141	21.52059	1.970826	32.81019	1
1703.52	1703.259	1100.759	67.6195	34.37478	66.47693	64.52641	78.32625	0	21.67375	6.408314	15.26544	33.07664	1
1703.525	1703.264	1100.764	68.4193	48.64155	67.03189	66.60751	76.03535	0	23.96465	8.903221	15.06143	32.86497	1
1703.53	1703.268	1100.768	67.4726	38.14462	66.46061	64.97528	76.53711	0	23.46289	18.13895	5.32394	32.94232	1
1703.535	1703.272	1100.772	67.66847	27.79422	67.34202	64.87734	73.54878	0	26.45122	14.1746	12.27663	32.89878	4
1703.54	1703.277	1100.777	68.53355	28.10726	67.74192	64.65699	76.28234	0	23.71766	8.688678	15.02898	33.13144	4
1703.545	1703.281	1100.781	69.70876	42.59382	68.2071	65.74243	77.19808	0	22.80192	22.22204	0.579877	33.19612	4
1703.55	1703.286	1100.786	68.607	33.19587	67.92146	66.68096	74.16108	0	25.83892	16.9773	8.861619	32.7917	4
1703.555	1703.29	1100.79	67.35834	36.2264	66.86867	62.55957	73.05849	0	26.94151	22.6747	4.266817	33.31303	4
1703.56	1703.295	1100.795	67.52973	30.11207	66.78706	64.65699	76.3412	0	23.6588	16.06525	7.593545	32.94648	4
1703.565	1703.299	1100.799	70.90029	25.20329	70.3535	69.53738	72.91023	0	27.08977	8.220528	18.86925	32.75662	4
1703.57	1703.303	1100.803	74.07499	30.67155	73.316	70.62281	70.31066	0	29.68934	6.357226	23.33211	33.32401	4
1703.575	1703.308	1100.808	72.29586	44.05913	71.6348	71.76538	67.94868	0	32.05132	9.80857	22.24275	32.88239	4
1703.58	1703.312	1100.812	72.45092	56.49426	71.54503	69.91279	66.6942	0	33.3058	12.95503	20.35078	33.2976	4
1703.585	1703.317	1100.817	75.67459	106.1748	72.20608	69.48841	71.56596	0	28.43404	18.68841	9.745631	32.7482	4
1703.59	1703.321	1100.821	74.6626	89.53029	71.12065	68.17446	77.09421	0	22.90579	15.30272	7.603066	32.90567	4
1703.595	1703.325	1100.825	75.42975	52.25819	73.69142	73.33233	71.43022	0	28.56978	14.10927	14.46051	32.62274	4
1703.6	1703.33	1100.83	75.77252	68.58971	75.08698	69.68428	59.0035	0.654566	40.34193	13.89316	26.44877	34.04445	4
1703.605	1703.334	1100.834	75.97655	95.70456	72.46724	70.54936	74.13821	0	25.86179	6.018846	19.84295	32.43763	4

1703.61	1703.339	1100.839	75.22572	79.89922	72.69575	69.58634	71.06396	0	28.93604	20.93902	7.997019	33.02349	4
1703.615	1703.343	1100.843	76.22139	103.6439	72.73656	69.48841	71.8019	0	28.1981	13.30974	14.88836	32.70193	4
1703.62	1703.348	1100.848	77.33131	136.4135	73.08749	69.05587	68.7327	0	31.2673	10.23366	21.03364	32.56924	4
1703.625	1703.352	1100.852	81.27316	223.1197	75.24204	70.77788	57.97485	0.253543	41.7716	20.79778	20.97382	31.03269	4
1703.63	1703.356	1100.856	83.59909	245.9252	76.81715	72.76921	56.13498	0	43.86502	24.87421	18.9908	29.62454	4
1703.635	1703.361	1100.861	85.79445	386.8878	77.31498	68.83552	33.15813	3.874153	62.96771	34.63621	28.33151	27.21323	4
1703.64	1703.365	1100.865	84.23567	398.0441	75.70723	69.05587	32.27188	5.595838	62.13228	38.54495	23.58733	26.32759	4
1703.645	1703.37	1100.87	82.18721	356.143	72.81817	68.27239	50.8112	2.557175	46.63163	17.37955	29.25207	27.34737	4
1703.65	1703.374	1100.874	79.24102	203.4979	73.69958	69.33335	60.79794	0.471397	38.73066	12.47178	26.25887	31.62673	4
1703.655	1703.378	1100.878	81.07729	171.2678	76.43358	71.2349	59.95086	0	40.04914	11.89338	28.15576	32.04243	4
1703.66	1703.383	1100.883	81.9995	191.4557	76.40093	71.58583	61.61709	0	38.38291	13.87422	24.50869	30.7926	4
1703.665	1703.387	1100.887	81.37109	214.7808	76.67841	69.90463	49.52991	2.405205	48.06488	15.21916	32.84572	30.48524	4
1703.67	1703.392	1100.892	82.62791	244.0536	78.19639	68.73758	39.26564	4.709842	56.02452	24.85725	31.16727	29.78103	4
1703.675	1703.396	1100.896	83.95819	198.8023	82.02399	71.25123	29.63837	7.906552	62.45508	32.83479	29.62029	30.84236	4
1703.68	1703.401	1100.901	84.54579	215.1804	85.49249	70.00256	2.807313	17.93501	79.25768	79.25768	0	-9999	4
1703.685	1703.405	1100.905	85.14156	329.0348	85.23133	68.92529	0	23.11504	76.88496	76.88496	0	-9999	4
1703.69	1703.409	1100.909	87.32059	252.972	86.31677	72.16528	6.225474	15.1427	78.63182	71.43099	7.20083	-9999	4
1703.695	1703.414	1100.914	88.44684	268.3244	86.5208	73.69142	8.621198	13.25349	78.12531	69.623	8.502315	32.18858	4
1703.7	1703.418	1100.918	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1704.005	1703.688	1101.188	95.31855	59.45152	94.06173	93.29458	47.66004	3.774245	48.56572	27.50489	21.06083	32.77032	4
1704.01	1703.692	1101.192	92.64168	94.3325	90.87071	87.29611	45.66625	2.908762	51.42498	28.54311	22.88188	32.55603	4
1704.015	1703.696	1101.196	89.74446	61.10332	89.77711	88.65086	42.39509	7.100418	50.50449	26.08296	24.42153	31.85743	4
1704.02	1703.701	1101.201	87.1084	60.21748	86.69218	85.71284	48.51335	4.09557	47.39108	29.07902	18.31206	32.45608	4
1704.025	1703.705	1101.205	83.61542	48.93461	83.42771	83.15839	52.68637	2.722895	44.59073	21.90972	22.68101	32.90551	4
1704.03	1703.71	1101.21	83.47668	46.28373	82.91355	81.91789	56.36499	1.39404	42.24097	21.12661	21.11436	33.67058	4
1704.035	1703.714	1101.214	83.64806	73.47185	83.12575	82.19537	49.31154	3.402635	47.28582	17.95759	29.32824	32.17388	4
1704.04	1703.719	1101.219	81.65673	54.4828	81.07729	81.265	56.18166	1.358937	42.4594	21.40746	21.05194	33.17621	4
1704.045	1703.723	1101.223	80.23669	44.99826	80.34278	79.00435	54.47043	2.047414	43.48216	29.59831	13.88385	33.2758	4
1704.05	1703.727	1101.227	82.56262	37.76497	82.43204	82.48101	55.91525	1.749919	42.33483	23.51477	18.82006	33.49052	4
1704.055	1703.732	1101.232	83.75416	37.21881	83.54197	84.41521	55.5837	1.910439	42.50586	15.97614	26.52972	33.34968	4
1704.06	1703.736	1101.236	85.38639	32.17016	85.36191	83.96635	53.84909	2.810919	43.33999	30.39208	12.94792	33.62819	4
1704.065	1703.741	1101.241	85.00282	35.66692	85.26397	85.81077	51.14204	3.807575	45.05038	18.75725	26.29313	32.78417	4
1704.07	1703.745	1101.245	85.18236	39.03046	85.1742	84.41521	52.2501	3.239263	44.51063	30.89202	13.61861	33.1501	4
1704.075	1703.749	1101.249	84.86408	32.38996	84.75798	83.12575	54.90892	2.343065	42.74802	28.72634	14.02168	33.82309	4
1704.08	1703.754	1101.254	86.33309	33.56886	86.24332	86.32493	53.14563	3.10018	43.75419	17.46461	26.28957	33.26091	4
1704.085	1703.758	1101.258	87.19817	34.75443	86.79012	87.01047	54.52957	2.441658	43.02878	24.46922	18.55956	33.49338	4
1704.09	1703.763	1101.263	85.56594	37.32538	85.60674	86.21067	51.93035	3.453013	44.61664	24.94942	19.66721	32.88941	4
1704.095	1703.767	1101.267	86.34941	47.1829	85.99032	85.5741	51.92324	3.109564	44.96719	14.62068	30.34651	32.9763	4
1704.1	1703.772	1101.272	87.45933	51.70537	87.87555	90.15252	43.79901	6.692533	49.50846	16.62253	32.88593	31.41048	4
1704.105	1703.776	1101.276	86.92886	52.69112	87.48382	89.23031	42.97326	6.969574	50.05717	33.34102	16.71615	31.39897	4
1704.11	1703.78	1101.28	86.34125	44.78513	86.48815	85.71284	48.58956	4.676456	46.73398	27.51076	19.22322	32.59598	4
1704.115	1703.785	1101.285	86.80644	50.69964	86.75747	85.23133	48.24826	4.611307	47.14043	15.84194	31.2985	32.63042	4
1704.12	1703.789	1101.289	88.13671	41.01529	88.28361	89.35273	47.85004	5.328702	46.82126	30.19851	16.62275	32.26451	4
1704.125	1703.794	1101.294	88.36522	48.38179	88.78961	90.32391	43.70665	7.019	49.27436	33.59921	15.67514	31.59814	4
1704.13	1703.798	1101.298	87.05943	27.09487	86.77379	86.87173	55.56208	2.29781	42.14011	14.86484	27.27526	33.79161	4
1704.135	1703.802	1101.302	86.22699	48.63489	86.54528	87.45933	46.43481	5.474566	48.09063	22.74438	25.34624	31.95879	4
1704.14	1703.807	1101.307	88.10407	59.01193	88.07142	89.3364	44.91637	5.849569	49.23406	26.55147	22.6826	31.65475	4
1704.145	1703.811	1101.311	89.83424	63.02154	89.40985	85.68019	45.39025	5.424738	49.18502	24.66279	24.52223	32.66116	4
1704.15	1703.816	1101.316	89.12421	72.12643	89.55676	87.3614	37.19892	9.109338	53.69174	33.60452	20.08722	31.48207	4
1704.155	1703.82	1101.32	89.70366	68.82949	89.91585	90.1362	39.17142	8.334988	52.49359	22.35163	30.14196	31.23045	4
1704.16	1703.825	1101.325	93.11503	30.99125	92.89468	93.24561	48.54202	5.866825	45.59116	16.95327	28.63789	32.74985	4
1704.165	1703.829	1101.329	94.52692	18.75594	93.88218	92.31524	53.49298	3.750382	42.75663	19.18357	23.57306	34.12267	1
1704.17	1703.833	1101.333	98.83602	58.87872	97.95461	96.51824	41.65312	7.51521	50.83167	25.88263	24.94904	32.1857	1
1704.175	1703.838	1101.338	94.52692	48.08207	93.79241	92.8702	47.0918	5.28052	47.62768	23.40949	24.21819	32.71635	1
1704.18	1703.842	1101.342	95.84087	58.0728	94.33921	92.90284	49.41063	2.622103	47.96727	29.93385	18.03342	33.23114	1
1704.185	1703.847	1101.347	93.08239	31.75721	92.68249	92.11937	49.77817	5.047177	45.17465	31.4395	13.73516	33.11629	1
1704.19	1703.851	1101.351	90.58507	35.00753	90.34839	90.91967	50.02414	4.670123	45.30573	30.14262	15.16311	32.8241	1
1704.195	1703.855	1101.355	90.72381	35.73352	90.96864	91.04209	45.98911	6.854162	47.15673	29.44613	17.7106	32.32258	1
1704.2	1703.86	1101.36	91.00945	35.25397	91.47463	91.20531	44.13465	7.975499	47.88985	16.49842	31.39143	32.156	1
1704.205	1703.864	1101.364	90.65852	39.13037	91.36038	91.39302	41.68519	9.041225	49.27359	15.98605	33.28754	31.78303	1
1704.21	1703.869	1101.369	90.65035	27.91411	90.8299	90.31575	48.45498	5.99909	45.54593	19.41228	26.13365	32.84722	1
1704.215	1703.873	1101.373	91.60521	27.12151	91.89085	92.05408	46.94608	7.018573	46.03535	31.06083	14.97452	32.52685	1
1704.22	1703.878	1101.378	91.35222	32.60309	91.7766	91.65418	44.77706	7.847134	47.37581	21.56724	25.80857	32.23591	1
1704.225	1703.882	1101.382	92.30707	28.56684	92.22546	91.60521	48.79681	5.875474	45.32772	17.27448	28.05323	32.96019	1
1704.23	1703.886	1101.386	93.35987	38.83731	93.2048	94.23311	45.91203	6.857594	47.23038	29.83449	17.39588	32.18239	1
1704.235	1703.891	1101.391	95.27774	30.27192	95.52258	96.15099	43.1212	9.66702	47.21178	19.91777	27.29402	31.9353	1
1704.24	1703.895	1101.395	94.95946	24.21754	95.19613	95.10636	44.94243	8.967944	46.08963	20.23431	25.85532	32.34446	1
1704.245	1703.9	1101.4	94.77991	19.24215	94.85336	94.38818	47.57664	7.631926	44.79144	13.81119	30.98025	32.84236	1
1704.25	1703.904	1101.404	95.08188	33.46895	94.67382	94.42082	47.58764	6.266545	46.14581	30.25782	15.88799	32.76011	1
1704.255	1703.908	1101.408	93.86586	26.08247	93.66183	91.30325	48.91268	6.06689	45.02043	14.17633	30.8441	33.36221	1
1704.26	1703.913	1101.413	94.9513	29.02641	94.56772	94.62485	48.59313	6.015571	45.3913	19.6879	25.70341	32.88405	1
1704.265	1703.917	1101.417	94.97578	27.42123	94.2576	92.95997	51.55227	4.197084	44.25065	17.59075	26.6599	33.67453	1
1704.27	1703.922	1101.422	89.00996	16.00515	88.80593	88.41419	55.81882	2.733824	41.44736	11.98372	29.46363	34.14577	1

1704.275	1703.926	1101.426	85.36191	16.97092	85.25581	84.82327	58.18232	1.507863	40.30982	12.4649	27.84492	34.44113	1
1704.28	1703.931	1101.431	84.43153	21.7465	84.14589	84.24383	59.27406	0.89403	39.83191	13.33736	26.49456	34.44284	1
1704.285	1703.935	1101.435	81.42822	24.49062	81.35477	82.20353	59.72855	0.609819	39.66163	23.71549	15.94614	34.19808	1
1704.29	1703.939	1101.439	76.93141	23.28507	76.80083	77.61695	64.6001	0	35.3999	18.15974	17.24015	33.59501	1
1704.295	1703.944	1101.444	77.64143	15.36575	77.45372	77.68224	66.3061	0	33.6939	18.08582	15.60808	33.63338	1
1704.3	1703.948	1101.448	78.20455	22.87212	77.86178	77.35579	65.17322	0	34.82678	6.939509	27.88727	33.83505	1
1704.305	1703.953	1101.453	77.60879	25.70949	77.41292	76.89876	63.8962	0	36.1038	18.61236	17.49144	33.96806	1
1704.31	1703.957	1101.457	80.10611	26.00255	79.77966	79.84495	62.53973	0	37.46027	18.50946	18.95081	34.30111	1
1704.315	1703.961	1101.461	80.81613	21.95297	80.51417	80.00001	62.67676	0	37.32324	10.3921	26.93114	34.55245	1
1704.32	1703.966	1101.466	80.42439	18.80922	80.22853	80.49784	62.97571	0	37.02429	22.7046	14.31969	34.41799	1
1704.325	1703.97	1101.47	79.61644	18.92245	79.26551	78.00052	64.89336	0	35.10664	9.301139	25.8055	34.2122	1
1704.33	1703.975	1101.475	79.68173	29.53927	79.27367	80.14691	62.70677	0	37.29323	15.26832	22.02492	33.98225	1
1704.335	1703.979	1101.479	82.15456	28.60014	81.90973	83.19103	59.39404	0.66994	39.93602	17.23601	22.7	34.02056	1
1704.34	1703.984	1101.484	84.98649	27.0216	84.94569	85.20685	55.58944	2.23996	42.1706	21.03579	21.1348	33.67263	1
1704.345	1703.988	1101.488	87.31243	27.10819	87.01047	86.14538	55.4526	2.348419	42.19898	25.14205	17.05693	33.9594	1
1704.35	1703.992	1101.492	89.10789	30.27858	88.99363	89.14054	51.57881	4.096596	44.32459	14.30629	30.0183	33.14231	1
1704.355	1703.997	1101.497	88.91202	23.26509	89.12421	89.68734	50.92631	4.805757	44.26793	21.24452	23.02341	33.02783	1
1704.36	1704.001	1101.501	87.32875	42.78032	86.40654	85.37823	56.45186	1.238414	42.30972	25.44608	16.86364	33.97196	1
1704.365	1704.006	1101.506	84.20302	25.66286	83.86025	83.42771	58.97927	0.900124	40.1206	13.75392	26.36669	34.41078	1
1704.37	1704.01	1101.51	83.99899	26.29561	83.66438	83.28081	58.95061	0.894643	40.15475	16.74549	23.40926	34.37575	1
1704.375	1704.014	1101.514	84.30096	25.52965	84.34992	84.65189	55.88545	2.134677	41.97987	17.6061	24.37377	33.70913	1
1704.38	1704.019	1101.519	85.721	31.53741	85.90871	85.87606	52.04989	3.624723	44.32538	24.14963	20.17575	33.10883	1
1704.385	1704.023	1101.523	85.15788	24.56388	84.99466	84.7743	56.97527	1.75147	41.27326	20.12477	21.14849	34.05413	1
1704.39	1704.028	1101.528	81.9587	30.05878	81.49351	81.56696	60.92898	0.104399	38.96662	11.96265	27.00397	34.5087	1
1704.395	1704.032	1101.532	83.46851	54.56272	83.08494	83.47668	52.9775	2.472958	44.54954	22.07674	22.4728	32.72765	1
1704.4	1704.037	1101.537	84.04796	36.60605	83.31345	83.42771	59.50964	0.413404	40.07696	23.12777	16.94918	34.23389	1
1704.405	1704.041	1101.541	86.13722	27.80088	85.87606	86.10458	56.04992	2.046087	41.904	21.14908	20.75492	33.80159	1
1704.41	1704.045	1101.545	85.8271	32.35665	85.39455	84.29279	56.56097	1.663007	41.77603	23.79616	17.97987	34.06189	1
1704.415	1704.05	1101.55	79.26551	26.60865	78.89825	77.7312	63.48265	0	36.51735	15.94219	20.57516	34.25222	1
1704.42	1704.054	1101.554	81.77099	29.41272	81.53431	81.43638	59.48704	0.618845	39.89412	9.882001	30.01211	34.25837	1
1704.425	1704.059	1101.559	82.11376	30.91133	82.17905	82.61159	56.46881	1.672176	41.85902	14.81812	27.0409	33.60365	1
1704.43	1704.063	1101.563	80.4652	23.45824	80.2122	80.08162	62.25585	0	37.74415	21.15578	16.58838	34.5111	1
1704.435	1704.067	1101.567	80.07346	25.40976	79.40425	77.11095	65.36968	0	34.63032	19.59756	15.03276	34.1211	1
1704.44	1704.072	1101.572	82.07295	28.20717	81.87708	81.90973	59.18473	0.750594	40.06468	14.76264	25.30203	34.21277	1
1704.445	1704.076	1101.576	81.33029	27.28136	80.94671	79.3308	61.54676	0	38.45324	13.97355	24.47969	34.87869	1
1704.45	1704.081	1101.581	83.95819	38.02473	83.42771	82.17089	57.66768	1.086363	41.24596	25.89594	15.35002	34.10797	1
1704.455	1704.085	1101.585	84.70085	30.09209	84.67637	83.77864	54.98268	2.379533	42.63779	24.03562	18.60217	33.72357	1
1704.46	1704.09	1101.59	83.22368	30.38515	82.7993	83.90922	59.36997	0.640613	39.98942	26.20951	13.77991	34.07434	1
1704.465	1704.094	1101.594	85.27214	55.6284	84.72534	83.83577	52.32526	2.665495	45.00925	24.69361	20.31564	32.94662	4
1704.47	1704.098	1101.598	87.33691	56.17456	86.7085	87.49198	50.92598	3.167311	45.90671	25.09022	20.81648	32.53277	4
1704.475	1704.103	1101.603	87.07576	46.0373	86.35757	85.52513	54.3152	2.077504	43.60729	20.6595	22.94779	33.49387	4
1704.48	1704.107	1101.607	85.72916	43.61288	85.28846	84.13773	53.99031	2.359621	43.65007	23.63204	20.01803	33.45726	4
1704.485	1704.112	1101.612	85.16604	31.69727	84.94569	84.67637	55.68423	2.052684	42.26308	13.85673	28.40636	33.72656	4
1704.49	1704.116	1101.616	84.74166	26.04251	84.29279	84.14589	59.21409	0.791006	39.9949	11.26677	28.72814	34.42582	4
1704.495	1704.12	1101.62	80.29381	36.53278	80.66923	80.0245	54.3793	2.189263	43.43144	14.99386	28.43758	33.28418	4
1704.5	1704.125	1101.625	79.2247	56.774	78.62893	77.76385	57.99116	0.824875	41.18397	15.77029	25.41368	33.48443	4
1704.505	1704.129	1101.629	77.80465	50.45986	77.85362	77.21705	55.82894	1.48465	42.68641	12.07469	30.61173	33.12768	4
1704.51	1704.134	1101.634	80.22036	76.67554	79.02883	77.47821	56.87616	0.979418	42.14442	18.00295	24.14147	33.11115	4
1704.515	1704.138	1101.638	79.63276	97.52287	78.08213	77.95156	55.15467	1.451479	43.39386	24.3774	19.01646	32.13201	4
1704.52	1704.143	1101.643	79.59195	137.1395	77.53534	77.91075	49.52644	2.984424	47.48913	15.56044	31.9287	30.51642	4
1704.525	1704.147	1101.647	76.93141	29.17294	76.80899	77.71488	63.11199	0	36.88801	23.75768	13.13033	33.72302	4
1704.53	1704.151	1101.651	77.53534	34.44139	77.5843	78.57997	59.95318	0.322097	39.72472	23.84615	15.87858	33.82698	4
1704.535	1704.156	1101.656	78.88193	36.24638	78.75951	78.35145	59.60574	0.456231	39.93803	11.05588	28.88215	34.05915	4
1704.54	1704.16	1101.66	80.97935	59.61137	80.13875	80.25301	57.58771	0.852563	41.55973	13.90307	27.65667	33.29208	4
1704.545	1704.165	1101.665	85.23949	118.2636	83.31345	83.01149	47.88667	2.658899	49.45443	17.51172	31.94271	31.28256	4
1704.55	1704.169	1101.669	83.35426	60.69703	84.06428	84.06428	43.12272	6.116357	50.76092	27.31765	23.44327	31.52598	4
1704.555	1704.173	1101.673	83.59093	58.79879	83.493	81.99134	49.62602	3.646958	46.72702	20.19854	26.52847	32.54477	4
1704.56	1704.178	1101.678	82.84826	44.4521	82.3994	82.32595	56.50089	1.398373	42.10073	24.2103	17.89044	33.51412	4
1704.565	1704.182	1101.682	83.71335	73.54511	82.66872	82.61159	53.28169	1.913144	44.80516	32.3195	12.48566	32.56346	4
1704.57	1704.187	1101.687	81.90157	48.1953	81.5996	81.21603	55.32752	1.752588	42.9199	11.83573	31.08417	33.25942	4
1704.575	1704.191	1101.691	83.11758	49.73387	82.9462	81.79547	52.82446	2.641811	44.53373	23.60173	20.932	33.04745	4
1704.58	1704.196	1101.696	82.5055	67.58398	81.46086	80.81613	55.83551	1.220738	42.94375	23.16845	19.7753	33.09523	4
1704.585	1704.2	1101.7	83.70519	67.25095	82.83194	82.21169	53.48416	1.978987	44.53686	16.72531	27.81154	32.80001	4
1704.59	1704.204	1101.704	87.42669	92.13454	85.52513	82.52998	52.00794	1.285276	46.70678	20.77514	25.93164	32.91554	4
1704.595	1704.209	1101.709	82.44021	63.57436	81.32212	80.52233	57.43515	0.737893	41.82696	20.31773	21.50923	33.46207	4
1704.6	1704.213	1101.713	81.89341	58.13274	81.21603	80.97935	55.83962	1.411486	42.74889	22.89936	19.84953	33.14417	1
1704.605	1704.218	1101.718	83.77048	36.77922	83.31345	83.52564	57.57254	1.158228	41.26923	15.48773	25.7815	33.82725	1
1704.61	1704.222	1101.722	81.86076	39.96293	82.3994	82.92988	50.84263	3.509543	45.64783	27.53087	18.11696	32.5608	1
1704.615	1704.226	1101.726	83.06862	41.72796	83.3461	84.4397	51.32823	3.398526	45.27324	28.37304	16.9002	32.54106	1
1704.62	1704.231	1101.731	82.18721	49.82045	82.89723	83.76232	46.82854	4.814268	48.35719	31.7956	16.56159	31.86196	1
1704.625	1704.235	1101.735	81.20787	38.20456	81.7057	82.56262	52.18506	2.996351	44.81859	32.84159	11.977	32.6905	1
1704.63	1704.24	1101.74	79.41241	27.51448	79.15125	78.72687	62.30605	0	37.69395	22.06932	15.62462	34.35474	1
1704.635	1704.244	1101.744	80.03266	28.8599	79.5185	79.15125	63.37056	0	36.62944	7.530864	29.09858	34.0932	1

1704.64	1704.249	1101.749	79.73885	25.63622	79.98369	80.0245	58.53881	0.914344	40.54684	14.55694	25.9899	34.02171	1
1704.645	1704.253	1101.753	80.00001	37.17219	80.39991	80.93039	54.30511	2.182354	43.51254	17.4716	26.04094	33.03071	1
1704.65	1704.257	1101.757	83.82761	28.26045	83.68887	83.62358	57.11481	1.553919	41.33127	26.84837	14.4829	33.93106	1
1704.655	1704.262	1101.762	80.57946	36.61937	80.66107	81.88525	56.37252	1.539558	42.08792	12.43639	29.65153	33.26889	1
1704.66	1704.266	1101.766	81.21603	31.82381	81.44454	81.07729	55.80891	1.8387	42.35239	20.49227	21.86012	33.58215	1
1704.665	1704.271	1101.771	79.20838	32.03029	79.55115	80.54681	56.7205	1.397299	41.8822	19.36394	22.51826	33.38842	1
1704.67	1704.275	1101.775	78.62893	35.33389	78.71871	78.84929	58.41484	0.815223	40.76994	20.42993	20.34001	33.74835	1
1704.675	1704.279	1101.779	80.22853	49.3409	80.13059	83.22368	55.00825	1.82039	43.17136	19.25251	23.91885	32.45719	1
1704.68	1704.284	1101.784	75.42159	33.83528	75.16859	72.54885	64.38472	0	35.61528	12.34973	23.26555	33.98015	1
1704.685	1704.288	1101.788	77.16808	29.04639	76.71922	76.36013	65.45484	0	34.54516	11.01811	23.52705	33.57415	1
1704.69	1704.293	1101.793	77.04566	46.53683	76.42541	75.52768	62.66301	0	37.33699	10.35884	26.97815	33.82272	1
1704.695	1704.297	1101.797	78.33513	68.58305	77.34763	77.11095	58.98773	0.536528	40.47574	25.42716	15.04859	33.25245	1
1704.7	1704.302	1101.802	78.13926	33.60883	77.35579	77.38027	66.05046	0	33.94954	13.96813	19.98141	33.33769	1
1704.705	1704.306	1101.806	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1705.005	1704.571	1102.071	79.6246	52.2915	79.10228	78.12294	58.13877	0.798807	41.06242	23.66315	17.39927	33.63671	1
1705.01	1704.575	1102.075	84.26015	48.2619	83.72967	82.00766	54.91248	1.876555	43.21097	26.05284	17.15812	33.56318	1
1705.015	1704.58	1102.08	84.74166	41.98772	85.07627	85.51697	49.28343	4.349103	46.36747	19.63922	26.72824	32.43801	1
1705.02	1704.584	1102.084	83.60725	49.54071	84.02347	83.44403	47.86677	4.583851	47.54938	31.11316	16.43622	32.29608	1
1705.025	1704.589	1102.089	82.2933	48.55496	83.26449	85.22317	45.01321	5.544624	49.44217	31.00289	18.43928	31.49377	1
1705.03	1704.593	1102.093	76.3438	34.09504	76.12345	76.29484	63.22043	0	36.77957	21.21929	15.56028	33.70365	1
1705.035	1704.597	1102.097	76.76002	35.90003	76.68657	76.62944	61.26221	0	38.73779	16.74662	21.99117	34.0965	1
1705.04	1704.602	1102.102	78.75951	32.21678	79.05332	78.31065	57.46782	1.132129	41.40005	29.32982	12.07023	33.80817	1
1705.045	1704.606	1102.106	81.4119	31.93038	81.81996	82.46469	54.21144	2.412192	43.37636	19.13489	24.24148	33.14218	1
1705.05	1704.611	1102.111	82.00766	48.20196	81.8526	81.59144	54.08981	2.190001	43.72019	30.28126	13.43893	33.04197	1
1705.055	1704.615	1102.115	84.38257	53.35051	84.66821	84.17038	47.24349	4.791613	47.96489	32.57496	15.38993	32.17811	1
1705.06	1704.619	1102.119	80.5713	51.18585	81.15074	82.20353	48.99674	3.825084	47.17817	25.48196	21.69622	31.9893	1
1705.065	1704.624	1102.124	82.93804	63.80748	82.15456	80.42439	54.32751	1.79186	43.88063	21.91889	21.96174	33.14055	1
1705.07	1704.628	1102.128	82.35043	49.40084	82.19537	83.20736	53.48433	2.390829	44.12484	21.83219	22.29265	32.71102	1
1705.075	1704.633	1102.133	80.759	34.44139	81.39557	81.88525	52.43347	2.927052	44.63948	15.59402	29.04546	32.83768	1
1705.08	1704.637	1102.137	81.10177	44.59197	81.24867	81.25683	53.45663	2.438596	44.10478	28.29492	15.80986	32.91397	1
1705.085	1704.642	1102.142	81.28132	57.96623	81.09361	80.54681	52.64809	2.515221	44.83669	27.42154	17.41515	32.67443	1
1705.09	1704.646	1102.146	82.90539	47.36273	83.40323	84.66821	48.40706	4.360174	47.23277	19.65809	27.57468	32.02878	1
1705.095	1704.65	1102.15	82.2933	33.21586	82.92988	84.56211	51.31849	3.530225	45.15129	17.25723	27.89406	32.54402	1
1705.1	1704.655	1102.155	83.21552	85.32086	82.13008	83.0931	51.20621	2.472472	46.32131	20.11515	26.20617	31.84363	1
1705.105	1704.659	1102.159	80.95487	66.42505	80.44888	79.9184	53.3681	2.157025	44.47487	19.48139	24.99348	32.60743	1
1705.11	1704.664	1102.164	79.3716	58.44579	80.11427	82.08111	47.07857	4.237534	48.68389	33.34597	15.33793	31.4348	1
1705.115	1704.668	1102.168	78.94722	36.58606	79.77966	80.26117	52.06332	2.809911	45.12677	32.49669	12.63009	32.68285	1
1705.12	1704.672	1102.172	83.33794	26.46212	83.47668	83.98267	55.85003	2.069286	42.08068	21.83037	20.25031	33.60435	1
1705.125	1704.677	1102.177	83.77048	53.96328	83.63174	81.44454	50.94728	3.26705	45.78567	16.79209	28.99358	32.92844	1
1705.13	1704.681	1102.181	82.02399	82.03058	83.61542	85.09259	32.35295	9.500682	58.14637	31.51466	26.63171	30.36353	1
1705.135	1704.686	1102.186	83.95819	66.17861	84.66821	86.78195	41.24057	6.793525	51.96591	26.40646	25.55945	30.91336	1
1705.14	1704.69	1102.19	81.81179	70.30146	81.91789	83.01149	46.89796	4.32978	48.77226	34.29334	14.47892	31.47039	1
1705.145	1704.695	1102.195	81.44454	50.59973	80.49784	78.31065	60.16279	0.084602	39.75261	25.09308	14.65953	34.37748	1
1705.15	1704.699	1102.199	80.25301	37.74499	80.28565	79.84495	56.77995	1.376479	41.84357	14.36857	27.475	33.60489	1
1705.155	1704.703	1102.203	80.95487	35.95998	80.81613	79.57563	57.89444	1.050574	41.05499	25.44622	15.60877	34.0132	1
1705.16	1704.708	1102.208	84.50498	45.29798	84.89672	88.34074	48.25734	4.643234	47.09942	16.17052	30.9289	31.6943	1
1705.165	1704.712	1102.212	82.12192	40.19605	82.04031	82.23618	55.35288	1.892809	42.75431	23.63838	19.11593	33.29892	1
1705.17	1704.717	1102.217	79.95105	50.31333	80.84878	80.99568	47.3118	4.336231	48.35196	16.82916	31.5228	31.96054	1
1705.175	1704.721	1102.221	81.91789	57.12701	82.5463	83.32977	45.94062	4.948274	49.11111	31.20752	17.90358	31.65182	1
1705.18	1704.725	1102.225	79.45321	66.05873	81.47719	83.47668	35.23104	8.134064	56.6349	25.46062	31.17427	30.54762	1
1705.185	1704.73	1102.23	77.33947	70.82764	77.93523	76.5968	47.09021	3.938878	48.97091	17.79938	31.17153	31.72951	1
1705.19	1704.734	1102.234	76.87428	33.62215	76.46622	74.30351	64.30156	0	35.69844	21.51944	14.17899	33.99425	1
1705.195	1704.739	1102.239	74.74421	25.07008	74.78502	73.60165	64.85212	0	35.14788	6.640836	28.50704	33.69409	1
1705.2	1704.743	1102.243	74.54834	30.37849	74.41776	73.98522	65.07592	0	34.92408	7.465458	27.45863	33.45223	1
1705.205	1704.748	1102.248	73.11198	32.26341	72.83449	74.14845	67.07971	0	32.92029	21.61029	11.31	32.79102	1
1705.21	1704.752	1102.252	73.93625	33.21586	73.72406	73.63429	65.58489	0	34.41511	14.59376	19.82135	33.25556	1
1705.215	1704.756	1102.256	75.38078	23.79127	75.0625	74.6626	67.35891	0	32.64109	14.902	17.73909	33.29402	1
1705.22	1704.761	1102.261	75.78884	29.07303	75.36446	75.94391	66.52755	0	33.47245	9.352445	24.12001	33.17356	1
1705.225	1704.765	1102.265	75.23388	53.28391	74.69524	71.95309	62.06457	0	37.93543	24.74551	13.18992	34.10266	1
1705.23	1704.77	1102.27	74.90744	42.64045	74.53202	73.38946	63.67563	0	36.32437	9.148815	27.17555	33.6702	1
1705.235	1704.774	1102.274	77.11095	30.55166	76.48254	75.77252	66.53461	0	33.46539	16.3567	17.10869	33.43714	1
1705.24	1704.778	1102.278	76.78451	51.88521	76.47438	74.27086	59.2055	0.517303	40.27719	19.3639	20.91329	33.88605	1
1705.245	1704.783	1102.283	74.94008	64.77325	74.16477	70.76972	61.38867	0.064452	38.54688	10.48352	28.06336	34.11309	1
1705.25	1704.787	1102.287	73.03852	64.91312	72.38563	68.47642	62.15551	0	37.84449	8.223725	29.62076	34.14809	1
1705.255	1704.792	1102.292	74.16477	46.36366	74.00971	72.54069	61.75014	0	38.24986	12.31664	25.93322	33.91803	4
1705.26	1704.796	1102.296	79.64908	37.26543	79.87759	81.36293	55.93363	1.62647	42.4399	17.60347	24.83642	33.08814	4
1705.265	1704.801	1102.301	75.42975	46.84322	74.56467	72.73656	65.97298	0	34.02702	14.88647	19.14055	33.46699	4
1705.27	1704.805	1102.305	72.42644	56.9272	71.68377	70.18211	65.34697	0	34.65303	22.19009	12.46294	33.37063	4
1705.275	1704.809	1102.309	72.16528	39.98957	71.40629	70.20659	69.81264	0	30.18736	16.35553	13.83183	32.99755	4
1705.28	1704.814	1102.314	74.31983	47.98216	74.3688	73.18543	59.63458	0.3454	40.02002	18.95008	21.06994	33.71155	4
1705.285	1704.818	1102.318	80.39175	81.91735	79.13493	79.01251	55.95596	1.209026	42.83501	11.56917	31.26584	32.60523	4
1705.29	1704.823	1102.323	78.4249	96.03758	76.91509	74.33615	56.30909	1.270657	42.42026	28.55502	13.86523	32.6916	4
1705.295	1704.827	1102.327	76.69473	54.55606	75.0625	73.95258	68.88811	0	31.11189	6.369175	24.74272	32.85576	4

1705.3	1704.831	1102.331	75.68275	42.06765	75.37262	76.26219	62.59497	0	37.40503	12.99245	24.41258	33.50814	4
1705.305	1704.836	1102.336	72.05102	26.4488	71.89596	71.50422	68.51418	0	31.48582	24.81922	6.666595	32.92996	4
1705.31	1704.84	1102.34	72.09183	54.52942	70.87581	69.87199	69.90352	0	30.09648	9.592538	20.50394	32.97025	4
1705.315	1704.845	1102.345	71.79802	41.98106	70.81868	69.41496	71.3763	0	28.6237	8.46361	20.16009	32.96167	4
1705.32	1704.849	1102.349	72.86714	47.70908	72.4346	71.50422	64.76884	0	35.23116	15.70035	19.53081	33.35436	4
1705.325	1704.854	1102.354	71.52871	68.28333	70.74523	66.70545	63.74094	0	36.25906	23.96595	12.2931	33.96481	4
1705.33	1704.858	1102.358	77.47821	47.86227	76.98854	76.03368	60.93233	0.033956	39.03371	7.436546	31.59717	34.09307	4
1705.335	1704.862	1102.362	76.27851	50.24673	75.34814	73.4221	64.87446	0	35.12554	9.88829	25.23725	33.59032	4
1705.34	1704.867	1102.367	74.18925	42.5472	73.93625	72.89162	63.41019	0	36.58981	23.68602	12.90379	33.64318	4
1705.345	1704.871	1102.371	70.92478	49.44747	70.2474	68.14182	68.0326	0	31.9674	8.690402	23.277	33.23838	4
1705.35	1704.876	1102.376	71.44709	33.25582	70.92478	69.93728	70.26871	0	29.73129	15.16583	14.56546	32.90362	4
1705.355	1704.88	1102.38	71.31652	44.3855	70.3535	69.12116	71.11092	0	28.88908	14.81017	14.07892	32.9408	4
1705.36	1704.884	1102.384	73.08749	57.64653	72.12447	71.32468	66.27245	0	33.72755	8.459394	25.26816	33.16822	4
1705.365	1704.889	1102.389	76.72738	79.99913	74.75237	73.822	65.35732	0	34.64268	18.68394	15.95874	32.94807	4
1705.37	1704.893	1102.393	80.23669	51.01268	80.11427	80.04082	54.78592	1.874137	43.33995	24.11981	19.22013	32.97203	4
1705.375	1704.898	1102.398	76.68657	61.27649	76.12345	73.26704	58.98363	0.601092	40.41527	14.22308	26.19219	33.76868	4
1705.38	1704.902	1102.402	73.40578	31.70393	73.38946	72.94059	64.92083	0	35.07917	7.828015	27.25115	33.36279	4
1705.385	1704.907	1102.407	72.95691	37.47857	72.22241	70.40246	69.50225	0	30.49775	6.753139	23.74461	33.15243	4
1705.39	1704.911	1102.411	75.37262	67.92366	73.38946	70.72891	69.58921	0	30.41079	20.64036	9.770437	33.07513	4
1705.395	1704.915	1102.415	73.07933	24.45731	72.97324	72.50805	67.67059	0	32.32941	8.870898	23.45852	33.09877	4
1705.4	1704.92	1102.42	74.15661	28.83325	73.77303	73.08749	67.77098	0	32.22902	8.200986	24.02803	33.17779	4
1705.405	1704.924	1102.424	74.41776	38.57755	74.2219	74.85847	63.71787	0	36.28213	19.73873	16.5434	33.34233	4
1705.41	1704.929	1102.429	76.57232	48.70815	75.48688	73.52003	66.17823	0	33.82177	17.53443	16.28733	33.43168	4
1705.415	1704.933	1102.433	75.71539	41.74794	75.26653	74.52386	63.71754	0	36.28246	13.32877	22.95369	33.64112	4
1705.42	1704.937	1102.437	76.7437	43.12666	76.56415	74.61363	60.35062	0.190567	39.45881	9.599451	29.85936	34.21968	4
1705.425	1704.942	1102.442	77.8373	53.77012	78.21271	79.39609	52.46785	2.460107	45.07204	23.99395	21.07809	32.23474	4
1705.43	1704.946	1102.446	77.81282	44.57199	77.95156	78.41674	56.55055	1.292318	42.15713	29.61676	12.54037	33.14704	4
1705.435	1704.951	1102.451	78.03317	50.11352	78.00052	76.8498	56.33501	1.345678	42.31931	14.77815	27.54116	33.31425	4
1705.44	1704.955	1102.455	83.24	58.0728	82.78298	79.79598	52.90753	2.420809	44.67166	30.17249	14.49917	33.26388	4
1705.445	1704.96	1102.46	81.48535	78.63373	80.94671	80.00001	50.17856	3.047758	46.77368	24.74949	22.02419	32.0635	4
1705.45	1704.964	1102.464	78.89825	38.05137	78.51468	77.89443	61.17789	0	38.82211	10.85299	27.96912	34.3156	4
1705.455	1704.968	1102.468	75.17675	34.12834	74.98089	74.48305	64.09631	0	35.90369	6.96359	28.9401	33.60268	4
1705.46	1704.973	1102.473	73.23439	69.28906	71.05536	66.98293	72.74393	0	27.25607	9.907798	17.34827	33.3838	4
1705.465	1704.977	1102.477	75.51136	61.70943	73.74039	71.50422	69.32093	0	30.67907	23.49449	7.18458	33.04864	4
1705.47	1704.982	1102.482	75.17675	36.05322	74.93192	75.63378	64.00998	0	35.99002	24.31382	11.6762	33.3705	4
1705.475	1704.986	1102.486	73.90361	56.50092	72.55701	70.05969	68.77157	0	31.22843	12.25502	18.97341	33.26768	4
1705.48	1704.99	1102.49	75.44607	66.8047	74.38512	72.67943	62.64527	0	37.35473	18.24608	19.10865	33.6856	4
1705.485	1704.995	1102.495	77.11912	45.278	76.41725	75.48688	63.53257	0	36.46743	6.676124	29.79131	33.69615	4
1705.49	1704.999	1102.499	76.08265	42.17421	74.96456	73.05485	68.46294	0	31.53706	8.069079	23.46798	33.23194	4
1705.495	1705.004	1102.504	76.13977	27.30134	75.71539	75.59297	66.63344	0	33.36656	24.97136	8.395201	33.32914	4
1705.5	1705.008	1102.508	78.19639	43.27319	77.49453	77.10279	63.02663	0	36.97337	16.09327	20.8801	33.74324	4
1705.505	1705.013	1102.513	78.18007	48.30852	77.06199	75.17675	65.04881	0	34.95119	16.04852	18.90267	33.54817	4
1705.51	1705.017	1102.517	79.71437	39.40345	78.75135	75.87045	64.59054	0	35.40946	14.21585	21.19361	33.98125	4
1705.515	1705.021	1102.521	79.42057	72.66593	77.9842	73.50371	60.47977	0.001503	39.51872	10.53524	28.98348	34.30038	4
1705.52	1705.026	1102.526	79.80414	66.11201	78.46571	75.01353	60.95394	0	39.04606	22.76341	16.28265	34.14264	4
1705.525	1705.03	1102.53	77.22521	44.52537	76.86612	78.56364	60.96063	0.027203	39.01217	16.48084	22.53132	33.65894	4
1705.53	1705.035	1102.535	77.75569	59.21174	75.84597	74.54834	68.93583	0	31.06417	18.38475	12.67942	32.71114	4
1705.535	1705.039	1102.539	77.06199	51.61213	76.96405	73.43842	57.37183	1.023389	41.60478	13.89225	27.71254	33.83736	4
1705.54	1705.043	1102.543	80.73452	83.84889	79.95105	82.2525	51.50473	2.572456	45.92281	14.20364	31.71918	31.49391	4
1705.545	1705.048	1102.548	83.5338	86.19338	83.24816	85.28846	44.50382	4.918232	50.57795	20.40358	30.17437	30.87698	4
1705.55	1705.052	1102.552	80.8651	79.74603	79.38792	77.36395	57.75367	0.612057	41.63427	19.13387	22.50041	33.32997	4
1705.555	1705.057	1102.557	77.02118	59.15846	75.47056	73.63429	66.84151	0	33.15849	6.214751	26.94374	33.1505	4
1705.56	1705.061	1102.561	72.39379	54.52276	71.21858	68.14182	69.31108	0	30.68892	15.04038	15.64854	33.37692	4
1705.565	1705.066	1102.566	76.62128	100.66	74.98089	70.18211	57.86179	1.086793	41.05142	16.06572	24.9857	33.11077	4
1705.57	1705.07	1102.57	72.36115	73.37194	70.83501	70.5412	67.49933	0	32.50067	22.28293	10.21775	32.99446	4
1705.575	1705.074	1102.574	69.64347	74.50422	68.02756	67.04006	70.42132	0	29.57868	7.742769	21.83592	33.12822	4
1705.58	1705.079	1102.579	71.38997	81.2513	69.79037	69.96176	67.05525	0	32.94475	17.78279	15.16196	33.00211	4
1705.585	1705.083	1102.583	71.02271	54.36291	69.9536	68.90897	69.78892	0	30.21108	17.33762	12.87346	32.98603	4
1705.59	1705.088	1102.588	70.47591	59.84449	69.34151	66.04439	69.47143	0	30.52857	9.225907	21.30267	33.44137	4
1705.595	1705.092	1102.592	72.01022	81.39783	70.06785	68.37033	69.10563	0	30.89437	12.45411	18.44026	33.21485	4
1705.6	1705.096	1102.596	72.70392	64.48685	72.94059	72.65495	55.67235	1.392062	42.93558	12.10761	30.82797	32.46187	4
1705.605	1705.101	1102.601	73.60165	94.9386	73.66694	68.90897	48.80535	3.36463	47.83002	29.47142	18.3586	31.83525	4
1705.61	1705.105	1102.605	71.2349	56.11462	70.6881	66.24026	65.12185	0	34.87815	6.155284	28.72287	33.8874	4
1705.615	1705.11	1102.61	70.45959	36.67931	69.67612	68.38665	72.3727	0	27.6273	22.50065	5.126646	32.87085	4
1705.62	1705.114	1102.614	72.53253	24.68377	72.18976	72.36931	69.95306	0	30.04694	21.0432	9.003739	32.76441	4
1705.625	1705.119	1102.619	70.45959	59.84449	70.9411	68.68861	56.96311	0.931498	42.10539	12.10195	30.00344	32.99494	4
1705.63	1705.123	1102.623	67.46444	46.08392	66.57487	65.9791	73.67457	0	26.32543	22.96577	3.359666	32.75996	4
1705.635	1705.127	1102.627	69.83118	41.29503	69.0069	70.10866	72.15008	0	27.84992	4.367664	23.48225	32.4439	4
1705.64	1705.132	1102.632	74.09948	49.1211	74.02603	73.90361	60.51042	0.138059	39.35153	25.27714	14.07439	33.63062	4
1705.645	1705.136	1102.636	70.36982	61.40304	69.43944	67.1788	67.61063	0	32.38937	19.72184	12.66752	33.32842	4
1705.65	1705.141	1102.641	70.14947	33.52224	69.42312	68.04388	72.97928	0	27.02072	10.70047	16.32025	32.85326	4
1705.655	1705.145	1102.645	70.67178	42.11427	70.74523	70.81868	64.22107	0	35.77893	25.19389	10.58505	33.05261	4
1705.66	1705.149	1102.649	75.77252	113.588	73.23439	71.30835	62.47148	0.223576	37.30494	18.43708	18.86786	33.04519	4

1705.665	1705.154	1102.654	76.37645	70.22153	75.80517	73.53636	57.1675	1.119596	41.71291	13.97307	27.73984	33.1504	4
1705.67	1705.158	1102.658	77.81282	146.8704	78.80848	64.06122	25.15317	10.17803	64.66881	39.96826	24.70054	32.27198	4
1705.675	1705.163	1102.663	91.47463	320.949	89.95665	72.12447	0	18.98445	81.01555	81.01555	0	-9999	4
1705.68	1705.167	1102.667	81.10177	210.1984	76.00919	71.45526	53.98584	1.321488	44.69267	24.44047	20.2522	30.67188	4
1705.685	1705.172	1102.672	79.86127	47.66246	79.56747	78.80032	57.27028	1.106296	41.62342	18.21159	23.41183	33.54245	4
1705.69	1705.176	1102.676	80.66923	88.34472	80.48152	77.50269	45.85962	4.366764	49.77362	24.10259	25.67103	31.74385	4
1705.695	1705.18	1102.68	83.64806	98.82167	83.63174	84.04796	39.25544	6.615213	54.12935	31.56891	22.56044	30.58288	4
1705.7	1705.185	1102.685	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1706.005	1705.454	1102.954	92.90284	88.80429	93.93931	97.7669	25.0061	15.77378	59.22012	27.61886	31.60126	29.81192	4
1706.01	1705.458	1102.958	86.79012	49.35422	86.43918	86.62689	50.92909	3.460904	45.61001	32.62102	12.98899	32.69212	4
1706.015	1705.462	1102.962	86.83908	46.61676	86.30861	84.74166	52.93798	2.67646	44.38556	15.27083	29.11473	33.36702	4
1706.02	1705.467	1102.967	86.54528	41.32167	86.30861	86.86357	52.21272	3.211195	44.57608	19.22041	25.35567	32.9153	4
1706.025	1705.471	1102.971	86.07193	45.96403	86.09642	84.66005	49.50078	4.209516	46.2897	30.85805	15.43166	32.80067	4
1706.03	1705.475	1102.975	84.5866	54.39621	85.0273	85.64755	45.60099	5.454149	48.94486	23.22945	25.71541	31.77198	4
1706.035	1705.479	1102.979	83.22368	68.73624	83.31345	83.46035	46.1043	4.730601	49.1651	26.12899	23.0361	31.6434	4
1706.04	1705.483	1102.983	82.39124	65.86557	81.73018	81.58328	53.38377	2.116342	44.49988	31.56451	12.93537	32.62734	4
1706.045	1705.487	1102.987	81.90973	68.90275	80.93039	80.52233	55.55848	1.344155	43.09736	19.18875	23.90861	32.9315	4
1706.05	1705.491	1102.991	80.3183	60.29074	79.82863	78.65342	55.31176	1.605768	43.08248	27.04554	16.03694	33.08777	4
1706.055	1705.495	1102.995	81.89341	50.4199	81.51799	80.91406	55.36591	1.701146	42.93294	27.14991	15.78304	33.25641	4
1706.06	1705.5	1103	80.13059	41.51483	79.26551	78.25352	62.93768	0	37.06232	22.12435	14.93798	33.91636	4
1706.065	1705.504	1103.004	79.90208	56.1679	79.15125	78.56364	58.71638	0.582058	40.70156	24.09875	16.60282	33.60305	4
1706.07	1705.508	1103.008	82.88091	44.10576	82.30963	80.00001	57.50341	1.04005	41.45654	20.9433	20.51324	34.09995	4
1706.075	1705.512	1103.012	83.08494	52.18493	82.63607	81.65673	54.41181	1.996499	43.59169	23.50785	20.08384	33.2083	4
1706.08	1705.516	1103.016	83.43587	51.99843	83.37874	82.44837	51.09812	3.249594	45.65228	32.08189	13.57039	32.72508	4
1706.085	1705.52	1103.02	82.57078	52.03174	82.09744	82.49733	55.11165	1.753665	43.13469	13.35343	29.78126	33.04006	4
1706.09	1705.524	1103.024	83.58277	75.16361	82.51366	81.02016	53.1999	1.92057	44.87953	31.5659	13.31363	32.76922	4
1706.095	1705.528	1103.028	87.13289	113.4947	86.09642	83.66438	40.40467	5.560256	54.03508	35.78127	18.25381	31.16069	4
1706.1	1705.533	1103.033	88.16936	109.1388	87.07576	85.71284	40.948	5.375789	53.67621	26.84981	26.82641	31.1315	4
1706.105	1705.537	1103.037	86.00664	87.96507	85.34559	83.46851	44.70952	4.731593	50.55888	24.7572	25.80168	31.72355	4
1706.11	1705.541	1103.041	84.04796	38.23786	84.21118	84.27647	52.15733	3.239181	44.60349	30.30519	14.29829	32.93288	4
1706.115	1705.545	1103.045	83.07678	53.35717	83.36242	83.36242	48.44321	4.211192	47.3456	18.1973	29.1483	32.17079	4
1706.12	1705.549	1103.049	82.71769	62.64189	81.60777	80.25301	57.34228	0.759234	41.89849	30.34026	11.55823	33.57188	4
1706.125	1705.553	1103.053	81.77915	138.9111	81.24051	82.16273	35.32113	7.201427	57.47744	28.652	28.82545	29.56442	4
1706.13	1705.557	1103.057	81.29764	158.5463	81.77915	85.90871	23.10627	11.11256	65.78117	33.61231	32.16886	28.8157	4
1706.135	1705.561	1103.061	81.75467	151.9058	80.64475	75.39711	36.6264	6.571547	56.80206	27.4355	29.36656	30.51016	4
1706.14	1705.566	1103.066	85.5741	127.575	85.15788	83.13391	33.62439	8.049151	58.32646	22.18799	36.13847	30.45675	4
1706.145	1705.57	1103.07	88.29993	78.64705	88.48764	87.02679	38.27674	8.111545	53.61171	34.13951	19.47221	31.31418	4
1706.15	1705.574	1103.074	86.30861	79.21985	86.89621	87.73681	36.87094	8.527149	54.60191	32.16107	22.44084	30.73969	4
1706.155	1705.578	1103.078	85.03546	105.8152	85.71284	85.81077	30.91042	9.931523	59.15806	28.34947	30.80858	30.3037	4
1706.16	1705.582	1103.082	81.69754	105.4955	82.32595	84.69269	34.43817	8.113522	57.4483	41.11763	16.33067	29.84049	4
1706.165	1705.586	1103.086	81.17522	85.32752	80.40807	78.31881	50.61496	2.823447	46.5616	31.30505	15.25655	32.18621	4
1706.17	1705.59	1103.09	81.71386	80.09904	81.11809	79.5185	50.05647	3.06101	46.88252	25.3651	21.51742	32.1512	4
1706.175	1705.594	1103.094	84.48866	69.7886	83.493	83.67254	53.09799	2.001144	44.90087	22.29551	22.60535	32.59153	4
1706.18	1705.599	1103.099	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1706.655	1705.99	1103.49	81.38741	21.42679	81.265	81.73834	60.88703	0.257945	38.85502	9.0693	29.78572	34.52761	4
1706.66	1705.995	1103.495	77.95972	40.40918	77.30682	76.22955	63.55797	0	36.44203	19.66304	16.77899	33.81921	4
1706.665	1705.999	1103.499	75.31549	49.18771	74.78502	75.26653	62.91752	0	37.08248	18.46186	18.62062	33.41724	4
1706.67	1706.003	1103.503	79.73885	106.8809	79.15125	78.71055	45.32903	4.3567	50.31428	26.15229	24.16199	30.82669	4
1706.675	1706.007	1103.507	79.64092	94.21927	78.71871	78.76767	51.07644	2.683797	46.23976	25.85836	20.3814	31.58088	4
1706.68	1706.011	1103.511	78.40858	54.47614	78.18007	79.49402	56.45186	1.302778	42.24537	24.46621	17.77916	32.80464	4
1706.685	1706.015	1103.515	79.3716	65.13292	78.51468	76.1969	57.85712	0.814292	41.32859	23.58038	17.74821	33.56269	4
1706.69	1706.019	1103.519	79.63276	73.47185	78.57181	76.76818	57.18006	0.956729	41.86321	21.94869	19.91452	33.21125	4
1706.695	1706.023	1103.523	80.97119	71.48702	79.52666	77.9842	59.40174	0.15158	40.44668	26.41948	14.0272	33.68908	4
1706.7	1706.028	1103.528	81.25683	91.16877	79.44505	76.31116	57.22218	0.624504	42.15331	29.23702	12.91629	33.25431	4
1706.705	1706.032	1103.532	79.90208	100.8398	78.21271	77.0375	55.17943	1.395189	43.42538	22.79841	20.62697	32.26931	4
1706.71	1706.036	1103.536	77.11912	37.49855	76.60496	74.9564	63.96046	0	36.03954	19.6297	16.40984	33.88619	4
1706.715	1706.04	1103.54	78.53916	56.82729	77.47005	76.303	62.27741	0	37.72259	9.183003	28.53959	33.72298	4
1706.72	1706.044	1103.544	77.10279	82.62336	75.36446	73.83832	62.54265	0	37.45735	24.28909	13.16826	33.38378	4
1706.725	1706.048	1103.548	79.15125	67.27759	77.88627	75.797	60.70329	0	39.29671	25.03781	14.2589	33.95098	4
1706.73	1706.052	1103.552	79.10228	50.08021	78.01685	76.89876	63.51863	0	36.48137	10.86282	25.61856	33.60548	4
1706.735	1706.056	1103.556	79.54299	59.00527	78.29433	76.94773	62.2183	0	37.7817	9.110616	28.67109	33.67082	4
1706.74	1706.061	1103.561	80.34278	84.60819	79.02883	77.87811	55.79257	1.245084	42.96234	21.5187	21.44365	32.70403	4
1706.745	1706.065	1103.565	79.82047	107.0207	77.77201	76.38461	56.54169	0.989553	42.46875	22.45713	20.01163	32.39424	4
1706.75	1706.069	1103.569	78.04949	79.37304	76.44174	75.42159	61.44628	0	38.55372	20.38694	18.16678	33.43995	4
1706.755	1706.073	1103.573	80.14691	74.18452	79.01251	78.03317	57.10382	0.933404	41.96278	17.28014	24.68264	33.06852	4
1706.76	1706.077	1103.577	80.50601	87.30568	79.24102	78.6779	54.61012	1.574125	43.81576	25.89203	17.92373	32.37356	4
1706.765	1706.081	1103.581	79.78782	83.90217	78.24536	75.53585	58.24497	0.57314	41.18189	12.38351	28.79839	33.37027	4
1706.77	1706.085	1103.585	79.95105	65.81895	78.80032	76.80083	59.43498	0.291929	40.27309	18.22202	22.05107	33.80999	4
1706.775	1706.089	1103.589	80.03266	55.6284	78.80032	77.76385	62.45851	0	37.54149	25.14481	12.39669	33.62139	4
1706.78	1706.094	1103.594	81.21603	64.03394	80.70187	80.39991	53.76974	2.049005	44.18126	22.95574	21.22552	32.67007	4
1706.785	1706.098	1103.598	82.08111	90.08977	81.10993	79.06148	50.2103	2.836283	46.95342	20.85498	26.09844	32.09795	4
1706.79	1706.102	1103.602	83.06046	97.61612	82.38308	80.94671	45.21096	4.406351	50.38269	22.48627	27.89642	31.36503	4
1706.795	1706.106	1103.606	86.20251	165.2001	84.21118	84.52947	36.14806	5.756824	58.09512	21.17389	36.92123	29.59219	4

1706.8	1706.11	1103.61	87.24714	149.7811	85.5741	84.70901	36.45169	5.901438	57.64687	28.91882	28.72805	30.1368	4
1706.805	1706.114	1103.614	85.10891	61.09666	84.6274	82.79114	50.64611	3.18431	46.16958	30.11254	16.05704	32.76893	4
1706.81	1706.118	1103.618	86.53712	89.48366	84.97017	84.06428	50.87464	2.039119	47.08624	22.50916	24.57708	32.30931	4
1706.815	1706.122	1103.622	89.64653	174.4848	86.00664	83.28081	43.50899	1.058221	55.43279	27.18915	28.24364	30.90108	4
1706.82	1706.127	1103.627	87.14105	77.86111	85.94951	85.25581	50.22223	2.632135	47.14564	15.94487	31.20077	32.38516	4
1706.825	1706.131	1103.631	92.87836	63.12145	92.29891	94.43714	43.76721	6.217638	50.01515	35.44663	14.56852	31.49509	4
1706.83	1706.135	1103.635	93.77609	49.04118	93.39251	94.08621	44.83075	6.678546	48.49071	29.55845	18.93226	32.02757	4
1706.835	1706.139	1103.639	93.95563	61.0567	93.80873	93.26193	39.92358	8.768164	51.30825	30.12968	21.17857	31.59678	4
1706.84	1706.143	1103.643	97.30172	40.26931	96.28157	93.77609	48.64339	4.619324	46.73729	18.7715	27.96578	33.42254	4
1706.845	1706.147	1103.647	95.46545	23.05195	94.64117	93.2048	52.98138	3.604264	43.41436	30.26588	13.14848	34.00217	4
1706.85	1706.151	1103.651	94.6983	18.94243	94.57588	94.76359	49.24223	6.530988	44.22678	16.40769	27.81909	32.98527	4
1706.855	1706.155	1103.655	94.21679	19.28211	93.94747	93.82505	50.7415	5.496544	43.76195	15.62605	28.1359	33.29488	4
1706.86	1706.16	1103.66	95.17981	22.45917	95.05739	95.17165	47.94819	7.091297	44.96051	32.77884	12.18167	32.77511	4
1706.865	1706.164	1103.664	96.0857	29.82567	95.60419	94.94314	48.11504	6.2363	45.64866	30.28207	15.36658	32.9527	4
1706.87	1706.168	1103.668	95.88983	29.6525	95.25326	94.45347	49.53888	5.269113	45.192	14.86519	30.32682	33.22345	4
1706.875	1706.172	1103.672	95.26142	22.56574	94.89417	94.73911	49.7448	5.853983	44.40122	31.79082	12.6104	33.14077	4
1706.88	1706.176	1103.676	95.37568	17.13744	95.21245	94.62485	49.3721	6.646658	43.98124	28.10928	15.87197	33.1748	4
1706.885	1706.18	1103.68	94.2984	20.91393	93.76793	92.24178	52.29549	4.345265	43.35924	18.87644	24.4828	33.83912	4
1706.89	1706.184	1103.684	94.87785	21.65325	94.45347	93.77609	50.76125	5.262819	43.97593	18.06713	25.9088	33.41283	4
1706.895	1706.188	1103.688	93.70264	22.59238	93.38435	91.6297	50.79294	5.170557	44.03651	18.88578	25.15073	33.57071	4
1706.9	1706.193	1103.693	93.46596	48.88133	92.50294	92.29075	49.64543	3.739835	46.61473	28.83718	17.77755	32.91508	4
1706.905	1706.197	1103.697	93.88218	40.36922	92.98445	92.14385	50.81645	3.655426	45.52813	26.17627	19.35186	33.31071	4
1706.91	1706.201	1103.701	92.15201	24.53724	91.62154	91.31141	53.39333	3.477223	43.12944	12.55655	30.57289	33.70568	4
1706.915	1706.205	1103.705	92.05408	26.46212	91.6705	91.80924	51.87913	4.216601	43.90427	32.73333	11.17094	33.32655	4
1706.92	1706.209	1103.709	90.40552	34.24157	89.62205	87.05943	54.61238	2.278758	43.10886	18.9944	24.11446	34.17491	4
1706.925	1706.213	1103.713	88.3489	33.7487	87.27979	85.10075	58.83747	0.429388	40.73315	12.92301	27.81014	34.81483	4
1706.93	1706.217	1103.717	88.87938	48.73479	87.39404	85.4272	57.9485	0.080832	41.97067	10.95484	31.01583	34.44778	4
1706.935	1706.221	1103.721	88.76512	35.45378	87.54094	86.69218	59.24365	0.105076	40.65128	9.878439	30.77284	34.66103	4
1706.94	1706.226	1103.726	87.84291	48.74812	86.51264	84.68453	57.69709	0.375844	41.92706	21.32184	20.60523	34.29453	4
1706.945	1706.23	1103.73	86.91253	45.64433	85.37823	83.56645	60.88538	0	39.11462	13.07778	26.03684	33.89208	4
1706.95	1706.234	1103.734	89.49963	72.47278	87.5083	85.95768	55.55473	0	44.44527	9.122537	35.32274	33.62258	4
1706.955	1706.238	1103.738	88.48764	49.44747	87.14921	84.24383	56.99794	0.560409	42.44165	17.96996	24.47168	34.39552	4
1706.96	1706.242	1103.742	88.47132	51.69205	87.01047	84.83959	57.41851	0.270745	42.31075	17.00999	25.30076	34.31217	4
1706.965	1706.246	1103.746	89.12421	49.32092	87.5083	84.98649	58.59339	0	41.40661	25.44777	15.95884	34.27901	4
1706.97	1706.25	1103.75	88.78144	48.5483	87.29611	84.17038	58.08373	0.04484	41.87143	21.84238	20.02905	34.6834	4
1706.975	1706.254	1103.754	88.53661	47.1163	87.49198	83.92554	55.24007	1.47889	43.28104	18.95933	24.32171	34.21943	4
1706.98	1706.259	1103.759	87.35324	42.96015	86.1209	84.42337	58.78929	0.194648	41.01606	23.32317	17.69289	34.5287	4
1706.985	1706.263	1103.763	86.72483	27.72095	86.9615	89.68734	51.67046	4.029481	44.30006	30.44484	13.85521	32.60649	4
1706.99	1706.267	1103.767	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1707	1706.275	1103.775	67.00741	65.33273	66.15049	69.61899	69.18382	0	30.81618	14.14696	16.66922	32.18951	4
1707.005	1706.279	1103.779	66.22394	59.35827	65.52208	66.14233	70.1487	0	29.8513	14.52618	15.32512	32.60338	4
1707.01	1706.283	1103.783	66.74625	80.51199	66.28923	67.05638	62.6515	0.284369	37.06413	26.29933	10.76481	32.64141	4
1707.015	1706.287	1103.787	67.12167	113.4148	65.92197	59.65419	60.09931	1.621372	38.27932	24.43664	13.84267	32.70973	4
1707.02	1706.292	1103.792	67.12167	100.5534	65.06505	65.5384	69.85293	0	30.14707	10.78698	19.36009	33.30196	4
1707.025	1706.296	1103.796	64.68147	42.50058	63.71846	64.22445	77.6713	0	22.3287	8.991759	13.33694	32.62936	4
1707.03	1706.3	1103.8	64.01226	42.13425	63.02475	64.21629	78.56538	0	21.43462	7.916547	13.51807	32.55442	4
1707.035	1706.304	1103.804	64.80389	54.32294	64.45296	66.19129	69.95398	0	30.04602	13.05812	16.9879	32.22938	4
1707.04	1706.308	1103.808	64.36319	62.86835	63.36752	61.22929	73.28812	0	26.71188	15.37812	11.33376	33.22109	4
1707.045	1706.312	1103.812	64.28158	52.13164	63.44914	58.48714	74.69651	0	25.30349	21.55669	3.746802	33.60261	4
1707.05	1706.316	1103.816	63.69397	56.22784	63.04108	64.78757	72.85434	0	27.14566	6.454637	20.69102	32.31447	4
1707.055	1706.32	1103.82	63.52259	64.36696	63.26143	64.37135	68.00639	0	31.99361	11.63295	20.36066	32.41239	4
1707.06	1706.325	1103.825	63.44097	104.1967	61.2701	58.71565	73.24298	0	26.75702	9.561358	17.19566	34.23933	4
1707.065	1706.329	1103.829	62.81256	120.9611	60.95998	60.27444	67.29741	1.107775	31.59482	19.71688	11.87794	32.47979	4
1707.07	1706.333	1103.833	63.40833	214.4744	60.19282	55.05944	54.6817	6.135522	39.18278	14.52813	24.65465	28.82221	4
1707.075	1706.337	1103.837	64.40399	100.7865	63.66133	63.66949	62.11366	1.01944	36.8669	27.73245	9.134447	32.0107	4
1707.08	1706.341	1103.841	69.17829	173.4191	65.80772	63.67765	60.51045	3.05822	36.43133	10.39901	26.03232	30.69155	4
1707.085	1706.345	1103.845	70.45959	250.5742	65.48943	62.87785	53.05695	6.203166	40.73989	25.7025	15.03738	27.93995	4
1707.09	1706.349	1103.849	69.65163	246.185	65.14666	60.87836	51.25727	6.56254	42.18019	28.23536	13.94483	28.07367	4
1707.095	1706.353	1103.853	77.15992	434.2905	68.32952	63.42465	32.35016	11.57183	56.078	34.79476	21.28325	23.84192	4
1707.1	1706.358	1103.858	82.28514	346.3521	74.3688	70.81868	41.83215	4.479867	53.68798	18.40524	35.28274	26.64018	4
1707.105	1706.362	1103.862	83.0931	262.5698	78.08213	75.64194	38.84744	4.532478	56.62008	27.83517	28.7849	28.14667	4
1707.11	1706.366	1103.866	80.22036	243.1012	76.65393	74.54834	35.00666	6.867283	58.12605	24.89489	33.23117	28.01027	4
1707.115	1706.37	1103.87	77.56798	168.7235	76.00103	75.76436	39.95021	5.94263	54.10716	23.78938	30.31777	29.06484	4
1707.12	1706.374	1103.874	75.88678	76.87536	75.32366	76.27851	55.94452	1.478987	42.57649	23.91876	18.65773	32.18422	4
1707.125	1706.378	1103.878	74.9156	65.61913	74.70341	73.34865	56.8423	1.184805	41.9729	16.19908	25.77381	32.92628	4
1707.13	1706.382	1103.882	72.07551	68.54975	71.12065	69.88831	64.50165	0	35.49835	17.95113	17.54722	33.37672	4
1707.135	1706.386	1103.886	65.23643	107.5736	62.55957	60.24179	74.6954	0	25.3046	15.59676	9.707832	34.28436	4
1707.14	1706.391	1103.891	66.28923	74.9971	65.30989	61.53942	68.45451	0	31.54549	20.67488	10.87061	33.65285	4
1707.145	1706.395	1103.895	67.52157	80.07239	67.6195	68.15814	57.74365	1.105928	41.15042	15.33654	25.81388	31.93277	4
1707.15	1706.399	1103.899	65.97094	84.18191	66.59119	71.27571	54.12777	1.768057	44.10417	26.16605	17.93812	30.48048	4
1707.155	1706.403	1103.903	70.72075	58.75883	71.14513	73.25072	57.42832	0.830431	41.74125	25.24159	16.49966	32.28888	4
1707.16	1706.407	1103.907	71.30835	80.77174	70.67178	69.12116	59.78299	0.748571	39.46844	25.28936	14.17908	32.87061	4
1707.165	1706.411	1103.911	74.04235	75.68313	74.25454	74.25454	51.92124	2.450518	45.62824	16.88557	28.74267	31.72936	4

1707.17	1706.415	1103.915	70.28821	62.37548	70.17395	66.89315	61.12547	0.133382	38.74114	8.212136	30.52901	33.7832	4
1707.175	1706.419	1103.919	69.0069	92.36766	67.43995	64.22445	66.30452	0	33.69548	7.750987	25.9445	33.81984	4
1707.18	1706.424	1103.924	67.2196	51.09927	66.74625	66.24026	69.46039	0	30.53961	11.5569	18.98271	32.73513	4
1707.185	1706.428	1103.928	71.09616	51.47226	71.00639	70.80236	62.83098	0	37.16902	9.427693	27.74132	33.27295	4
1707.19	1706.432	1103.932	75.38078	74.91051	75.33182	76.80083	52.90083	2.246457	44.85271	15.85732	28.99539	31.6718	4
1707.195	1706.436	1103.936	73.08749	86.2067	72.53253	71.41445	56.19843	1.562622	42.23895	27.94551	14.29344	32.22044	4
1707.2	1706.44	1103.94	74.50754	240.5635	72.05102	70.06785	32.27469	8.897491	58.82782	36.45555	22.37227	27.48069	4
1707.205	1706.444	1103.944	76.42541	133.2631	76.41725	78.31881	37.50221	6.548943	55.94885	27.05865	28.89019	29.23513	4
1707.21	1706.448	1103.948	75.86229	121.2009	73.81384	72.53253	56.75161	1.629683	41.61871	20.29331	21.3254	31.77031	4
1707.215	1706.452	1103.952	74.29535	140.19	71.87148	70.1005	56.50731	2.169759	41.32293	24.85554	16.46739	31.26547	4
1707.22	1706.457	1103.957	71.20226	88.56452	72.01838	74.01787	46.73639	3.613103	49.6505	16.18119	33.46931	30.40336	4
1707.225	1706.461	1103.961	70.88397	55.11554	70.70443	69.87199	62.84027	0	37.15973	9.166529	27.99321	33.37746	4
1707.23	1706.465	1103.965	71.52054	79.85926	71.4879	72.19792	55.12816	1.696223	43.17562	15.50027	27.67535	31.77505	4
1707.235	1706.469	1103.969	72.46724	81.16471	72.4346	71.53687	53.94127	1.993053	44.06567	30.76769	13.29798	31.9393	4
1707.24	1706.473	1103.973	70.23924	75.20358	70.76155	69.28438	53.13269	1.979001	44.88831	16.20623	28.68208	31.95205	4
1707.245	1706.477	1103.977	68.05204	54.8691	67.8725	67.15431	65.50528	0	34.49472	22.22254	12.27218	32.96018	4
1707.25	1706.481	1103.981	66.30555	65.25947	65.85668	66.38716	66.68481	0	33.31519	22.991	10.32419	32.71214	4
1707.255	1706.485	1103.985	66.76258	79.9192	65.89749	65.97094	65.94239	0	34.05761	11.52978	22.52783	33.05026	4
1707.26	1706.49	1103.99	61.49861	67.73717	61.07423	61.55574	70.31784	0	29.68216	17.88161	11.80055	32.55196	4
1707.265	1706.494	1103.994	58.45449	54.97567	57.58125	56.34075	79.68541	0	20.31459	7.919558	12.39503	33.26199	4
1707.27	1706.498	1103.998	57.16503	89.34379	55.60624	53.29663	77.86757	0	22.13243	4.661549	17.47088	34.27846	4
1707.275	1706.502	1104.002	58.7891	180.5126	56.21017	52.38257	62.21672	4.391446	33.39183	20.04231	13.34952	30.1747	4
1707.28	1706.506	1104.006	57.97298	206.5084	54.75748	50.08112	61.60998	5.679087	32.71093	10.27139	22.43955	29.44444	4
1707.285	1706.51	1104.01	53.03547	61.62284	52.34177	49.96686	81.67082	0	18.32918	15.4548	2.874384	33.73977	4
1707.29	1706.514	1104.014	51.0523	52.25153	50.44837	49.89341	85.06745	0	14.93255	14.93255	0	33.59629	4
1707.295	1706.518	1104.018	50.08928	52.97753	49.6649	49.4119	84.38626	0	15.61374	7.525463	8.088282	33.35774	4
1707.3	1706.523	1104.023	51.61542	37.23213	50.88908	50.4647	89.13281	0	10.86719	6.272986	4.594204	33.94054	4
1707.305	1706.527	1104.027	53.26398	35.1141	52.38257	50.4647	89.33043	0	10.66957	10.66957	0	34.27431	4
1707.31	1706.531	1104.031	55.13289	43.00677	54.10458	51.76232	86.83949	0	13.16051	13.16051	0	34.17821	4
1707.315	1706.535	1104.035	56.34891	54.72923	55.15738	54.61058	84.14891	0	15.85109	8.966724	6.884369	33.77429	4
1707.32	1706.539	1104.039	56.76513	58.60564	55.91637	53.91688	80.17143	0	19.82857	11.71358	8.114987	33.51052	4
1707.325	1706.543	1104.043	54.75748	52.37808	53.73733	52.04797	84.85377	0	15.14623	4.64874	10.49749	33.9718	4
1707.33	1706.547	1104.047	55.58176	57.35347	54.31677	53.70469	84.78886	0	15.21114	9.555319	5.655817	33.97363	4
1707.335	1706.551	1104.051	56.98548	66.81136	55.94085	55.56543	79.5009	0	20.4991	13.29277	7.206328	33.39318	4
1707.34	1706.556	1104.056	57.28744	49.26097	56.16936	54.92886	84.03953	0	15.96047	6.44468	9.51579	33.73158	4
1707.345	1706.56	1104.06	56.52845	49.01454	55.48382	54.3331	84.2282	0	15.7718	12.58461	3.187194	33.71082	4
1707.35	1706.564	1104.064	56.19385	46.93646	55.16554	52.66005	84.91243	0	15.08757	5.397326	9.690242	34.00457	4
1707.355	1706.568	1104.068	53.6802	48.98789	53.03547	51.37875	83.75583	0	16.24417	16.24417	0	33.56508	4
1707.36	1706.572	1104.072	55.79395	34.37478	55.37773	53.59859	83.57658	0	16.42342	16.04269	0.380736	33.16475	4
1707.365	1706.576	1104.076	55.2145	113.3549	53.6394	52.11325	73.97787	0.481169	25.54096	17.10567	8.435288	33.74932	4
1707.37	1706.58	1104.08	53.7863	64.53347	52.67638	51.84394	83.50139	0	16.49861	13.55987	2.938734	33.95343	4
1707.375	1706.584	1104.084	53.43537	52.46467	52.48051	49.62409	85.54316	0	14.45684	8.542919	5.913917	34.268	4
1707.38	1706.589	1104.089	51.35426	58.17937	50.69321	49.58329	83.79785	0	16.20215	15.70637	0.495779	33.68605	4
1707.385	1706.593	1104.093	49.92606	55.07558	48.77533	46.2372	89.65787	0	10.34213	10.34213	0	35.10214	4
1707.39	1706.597	1104.097	48.10611	50.41324	47.35529	43.39711	89.36129	0	10.63871	10.63871	0	34.98633	4
1707.395	1706.601	1104.101	46.10663	47.55589	45.21706	42.68709	92.96754	0	7.032462	7.032462	0	35.46902	4
1707.4	1706.605	1104.105	47.5838	41.39494	47.10229	46.14743	89.93703	0	10.06297	10.06297	0	34.15478	4
1707.405	1706.609	1104.109	45.78834	32.58977	45.04567	44.07449	95.74368	0	4.256323	4.256323	0	35.31951	4
1707.41	1706.613	1104.113	45.55983	37.31206	44.56416	43.3155	96.77184	0	3.22816	3.22816	0	35.89804	4
1707.415	1706.617	1104.117	47.55115	32.19014	47.04516	46.38411	92.38437	0	7.615628	4.816315	2.799313	34.36384	4
1707.42	1706.622	1104.122	48.69372	19.6551	48.59579	48.93039	91.20423	0	8.795767	5.471496	3.324271	33.40048	4
1707.425	1706.626	1104.126	51.15024	28.98645	51.02782	50.84827	86.8758	0	13.1242	13.1242	0	33.00241	4
1707.43	1706.63	1104.13	52.6927	35.44046	52.12958	49.74651	87.31032	0	12.68968	12.68968	0	33.87099	4
1707.435	1706.634	1104.134	54.46368	45.74424	53.7863	52.12958	84.07299	0	15.92701	13.94877	1.978235	33.55353	4
1707.44	1706.638	1104.138	57.62205	62.78843	57.1487	57.49963	75.46136	0	24.53864	22.78804	1.750593	32.62165	4
1707.445	1706.642	1104.142	61.87403	35.42714	62.18415	63.32672	72.09906	0	27.90094	16.6216	11.27935	31.77878	4
1707.45	1706.646	1104.146	61.18033	44.90501	61.26194	60.93549	72.21459	0	27.78541	19.39771	8.387696	32.2166	4
1707.455	1706.65	1104.15	55.91637	40.85544	54.91254	53.96584	86.44957	0	13.55043	7.419742	6.130684	33.79728	4
1707.46	1706.655	1104.155	56.00614	46.87652	55.33692	53.19869	82.31667	0	17.68333	13.77219	3.911147	33.44904	4
1707.465	1706.659	1104.159	54.02297	34.15499	53.63123	53.56595	85.06932	0	14.93068	14.93068	0	33.0049	4
1707.47	1706.663	1104.163	58.71565	38.9239	58.80542	58.2423	75.86628	0	24.13372	15.20833	8.925393	32.19237	4
1707.475	1706.667	1104.167	58.26679	37.75831	58.00563	59.05842	79.28102	0	20.71898	15.82774	4.891242	32.23989	4
1707.48	1706.671	1104.171	53.69652	42.17421	52.82328	51.88474	87.1607	0	12.8393	12.69754	0.141761	33.88597	4
1707.485	1706.675	1104.175	51.55829	30.0388	51.3461	50.51366	86.94146	0	13.05854	13.05854	0	33.21078	4
1707.49	1706.679	1104.179	51.55829	39.74314	51.13391	49.69755	86.23749	0	13.76251	13.76251	0	33.54798	4
1707.495	1706.683	1104.183	52.04797	39.98957	51.39507	50.42389	87.49833	0	12.50167	4.492375	8.009298	33.78903	4
1707.5	1706.688	1104.188	53.83526	33.18255	53.47617	52.57844	85.22434	0	14.77566	6.09502	8.680639	33.14088	4
1707.505	1706.692	1104.192	54.47184	31.0512	54.30861	54.41471	83.6365	0	16.3635	16.3635	0	32.6138	4
1707.51	1706.696	1104.196	54.53713	33.67543	54.20252	53.05995	84.26961	0	15.73039	10.48351	5.246881	33.06418	4
1707.515	1706.7	1104.2	55.9082	41.40826	55.41037	54.06378	82.40185	0	17.59815	5.744325	11.85382	33.12353	4
1707.52	1706.704	1104.204	56.68352	36.36627	56.32442	54.52896	81.83349	0	18.16651	7.048949	11.11756	32.99257	4
1707.525	1706.708	1104.208	55.93269	42.79364	55.35324	52.91305	82.67656	0	17.32344	6.175287	11.14816	33.42255	4
1707.53	1706.712	1104.212	51.50933	45.61769	50.4647	49.64858	89.66783	0	10.33217	10.33217	0	34.47385	2

1707.535	1706.716	1104.216	49.59145	30.69153	49.08546	48.59579	90.86996	0	9.130037	9.130037	0	33.99393	2
1707.54	1706.721	1104.221	49.75467	28.28709	49.518	49.64858	89.21445	0	10.78555	10.78555	0	33.36618	2
1707.545	1706.725	1104.225	53.6802	33.82862	53.19869	52.09693	86.15939	0	13.84061	4.245239	9.595372	33.38582	2
1707.55	1706.729	1104.229	52.10509	43.95256	51.88474	50.1056	83.13452	0	16.86548	13.80086	3.064621	33.16415	2
1707.555	1706.733	1104.233	53.29663	24.0377	53.10892	52.91305	86.60471	0	13.39529	13.39529	0	32.92122	2
1707.56	1706.737	1104.237	56.86306	31.57738	56.57742	55.31244	82.25798	0	17.74202	8.864175	8.877847	32.82022	2
1707.565	1706.741	1104.241	56.54478	32.49652	56.22649	56.63455	82.58136	0	17.41864	13.98839	3.43025	32.57295	2
1707.57	1706.745	1104.245	58.07092	43.75941	56.94467	56.24281	84.71336	0	15.28664	15.28664	0	33.60155	2
1707.575	1706.749	1104.249	59.0829	86.6463	56.88755	54.99415	81.68935	0	18.31065	8.629125	9.681527	34.69526	2
1707.58	1706.754	1104.254	54.16171	25.37646	53.85975	53.32111	86.37034	0	13.62966	13.62966	0	33.04863	2
1707.585	1706.758	1104.258	53.74549	30.69819	53.30479	53.36192	86.54064	0	13.45936	13.45936	0	33.14081	2
1707.59	1706.762	1104.262	54.25965	29.81901	53.94952	53.63123	85.26839	0	14.73161	14.73161	0	32.94962	2
1707.595	1706.766	1104.266	58.44633	55.53515	57.8016	56.49581	77.78655	0	22.21345	18.06574	4.147705	33.03252	2
1707.6	1706.77	1104.27	56.74064	51.52554	55.96533	53.6802	81.3381	0	18.6619	5.422077	13.23983	33.50863	2
1707.605	1706.774	1104.274	58.3484	44.15238	58.47898	57.8424	74.62261	0	25.37739	16.05153	9.325858	32.19541	2
1707.61	1706.778	1104.278	58.2423	41.23508	57.64654	56.38971	81.05538	0	18.94462	18.94462	0	33.02564	2
1707.615	1706.782	1104.282	60.80491	86.93936	60.04592	57.45883	68.90233	0	31.09767	5.097857	25.99982	33.50437	2
1707.62	1706.787	1104.287	60.51111	70.86094	59.37671	57.02629	75.97306	0	24.02694	9.91193	14.11501	33.55629	2
1707.625	1706.791	1104.291	60.2826	79.89922	59.76028	58.6422	69.25234	0	30.74766	16.90571	13.84194	33.0316	2
1707.63	1706.795	1104.295	56.80593	65.73902	56.86306	56.77329	71.38695	0	28.61305	8.642752	19.9703	32.31546	2
1707.635	1706.799	1104.299	56.69984	77.36157	55.85924	53.29663	75.62931	0	24.37069	4.142705	20.22798	33.60249	2
1707.64	1706.803	1104.303	55.8674	83.88219	54.61874	54.18619	77.97962	0	22.02038	10.55079	11.46958	33.71941	2
1707.645	1706.807	1104.307	55.84291	52.91758	54.96151	52.9457	82.64937	0	17.35063	17.35063	0	33.6842	2
1707.65	1706.811	1104.311	54.03113	50.19344	52.85592	52.04797	87.25242	0	12.74758	12.74758	0	34.19866	2
1707.655	1706.815	1104.315	53.99849	45.22472	53.87607	53.94136	80.32575	0	19.67425	13.23712	6.437132	32.50374	2
1707.66	1706.82	1104.32	54.0801	45.05154	53.98217	53.39456	80.10282	0	19.89718	12.03149	7.865689	32.58722	2
1707.665	1706.824	1104.324	54.85541	69.7886	54.13723	52.04797	78.21011	0	21.78989	15.14911	6.64078	33.50968	2
1707.67	1706.828	1104.328	58.11988	89.04407	56.75697	54.73299	75.54365	0	24.45635	5.067962	19.38839	33.93218	2
1707.675	1706.832	1104.332	65.36701	81.65093	64.59986	63.65317	66.04824	0	33.95176	18.13837	15.81339	33.21404	2
1707.68	1706.836	1104.336	69.31703	19.72837	69.36599	70.1005	71.07458	0	28.92542	10.88815	18.03728	32.33757	2
1707.685	1706.84	1104.34	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1708.015	1707.115	1104.615	87.62256	44.19234	87.68785	88.23464	48.18671	4.974133	46.83916	20.34351	26.49564	32.32271	2
1708.02	1707.12	1104.62	86.75747	79.87924	85.0273	83.32977	54.26117	0.907026	44.8318	13.01757	31.81423	33.12749	2
1708.025	1707.125	1104.625	78.03317	87.70531	77.73937	74.78502	49.26177	3.294764	47.44347	32.32881	15.11465	31.93666	2
1708.03	1707.13	1104.63	77.07831	79.3797	76.72738	73.93625	52.59778	2.360483	45.04174	24.08841	20.95333	32.41948	2
1708.035	1707.135	1104.635	87.05943	128.4742	85.76181	81.06097	38.87119	5.671027	55.45778	37.83165	17.62614	31.24988	2
1708.04	1707.14	1104.64	81.24867	67.07778	80.66107	78.1311	53.57234	2.073213	44.35445	15.6799	28.67455	32.99089	2
1708.045	1707.145	1104.645	78.07397	63.2147	76.52335	73.2752	64.89133	0	35.10867	6.70637	28.4023	33.53036	2
1708.05	1707.15	1104.65	82.88907	104.3366	80.69371	77.79649	55.50663	0.718624	43.77474	19.28946	24.48529	32.81994	2
1708.055	1707.155	1104.655	82.987	143.2671	80.84878	82.01582	45.55259	3.503823	50.94358	29.77527	21.16831	30.12171	2
1708.06	1707.16	1104.66	82.27698	166.7653	79.68173	77.48637	44.0612	3.885781	52.05302	34.47716	17.57586	30.12253	2
1708.065	1707.165	1104.665	81.06097	98.72842	79.06148	74.3688	57.02768	0.65975	42.31257	23.59782	18.71475	33.34148	2
1708.07	1707.17	1104.67	77.91891	73.82486	77.02934	77.71488	57.34314	1.020913	41.63594	19.88077	21.75517	32.64384	2
1708.075	1707.175	1104.675	81.92605	124.711	81.37925	77.02118	38.68567	6.263941	55.05039	24.35107	30.69933	30.90131	2
1708.08	1707.18	1104.68	81.0528	129.3067	80.15507	76.80083	41.0966	5.430279	53.47312	29.65614	23.81698	30.71113	2
1708.085	1707.185	1104.685	94.46979	219.4764	95.50626	101.4966	0	26.04315	73.95685	73.95685	0	-9999	2
1708.09	1707.19	1104.69	89.23031	135.5143	88.43867	86.46367	31.24882	8.628791	60.12239	25.02956	35.09283	30.47505	2
1708.095	1707.195	1104.695	87.56543	155.0562	86.8146	81.89341	27.73513	9.493919	62.77095	45.35372	17.41722	30.66516	2
1708.1	1707.2	1104.7	83.68071	90.556	82.36676	78.22904	51.28231	2.288454	46.42923	26.26886	20.16037	32.71969	2
1708.105	1707.205	1104.705	83.29713	71.33383	81.9587	79.71437	56.47671	0.84392	42.67937	14.05285	28.62651	33.4651	2
1708.11	1707.21	1104.71	79.16757	61.28982	78.06581	75.07066	60.87233	0	39.12767	9.394568	29.7331	34.21443	2
1708.115	1707.215	1104.715	84.35808	143.2338	82.13008	77.93523	44.995	3.380841	51.62416	28.54926	23.0749	31.18501	2
1708.12	1707.22	1104.72	81.24051	141.4821	78.54732	73.22623	51.89228	1.918597	46.18912	24.80832	21.3808	31.8969	2
1708.125	1707.225	1104.725	79.34712	91.3153	77.91891	75.87045	55.97095	1.267411	42.76164	17.75062	25.01102	32.68424	2
1708.13	1707.23	1104.73	79.95105	112.1826	78.03317	73.1691	54.1604	1.645168	44.19443	25.31758	18.87685	32.5724	2
1708.135	1707.235	1104.735	82.79114	100.5001	81.92605	78.71055	46.21554	4.002814	49.78165	16.01973	33.76192	31.71754	2
1708.14	1707.24	1104.74	84.55395	77.07517	84.11325	82.62791	46.97363	4.195128	48.83125	27.55577	21.27548	31.95954	2
1708.145	1707.245	1104.745	85.81077	69.23578	84.78246	84.37441	52.26842	2.221379	45.5102	19.31731	26.19289	32.65506	2
1708.15	1707.25	1104.75	78.40858	77.981	76.79267	72.25505	61.51604	0	38.48396	13.49764	24.98633	34.05826	2
1708.155	1707.255	1104.755	78.08213	100.6067	75.86229	74.16477	61.02139	0.058888	38.91972	12.60779	26.31193	33.19642	2
1708.16	1707.26	1104.76	90.43816	230.2997	89.11605	82.32595	11.31072	13.36745	75.32183	57.06813	18.25369	31.31013	2
1708.165	1707.265	1104.765	89.53227	166.4523	89.09973	83.28897	20.70107	12.23665	67.06229	33.96681	33.09548	30.99849	2
1708.17	1707.27	1104.77	87.58991	137.1661	85.67203	81.42822	41.08664	4.295693	54.61767	30.71129	23.90638	31.24393	2
1708.175	1707.275	1104.775	81.93421	80.65852	80.759	80.44072	54.20904	1.63107	44.15989	22.23095	21.92894	32.48123	2
1708.18	1707.28	1104.78	81.49351	113.7278	79.00435	74.34431	56.79483	0.533882	42.67129	29.20654	13.46476	33.05249	2
1708.185	1707.285	1104.785	79.75518	92.78061	78.41674	75.6501	54.54519	1.63768	43.81713	24.65185	19.16527	32.60078	2
1708.19	1707.29	1104.79	79.64092	115.7859	77.49453	72.64679	55.34469	1.348363	43.30695	11.79176	31.51519	32.64711	2
1708.195	1707.295	1104.795	83.25632	157.9202	82.58711	82.11376	30.37393	8.557398	61.06867	42.45004	18.61864	29.52716	2
1708.2	1707.3	1104.8	85.41088	139.817	84.34176	83.73783	35.87193	6.748595	57.37948	25.59973	31.77975	30.06153	2
1708.205	1707.305	1104.805	83.45219	121.6805	82.59527	83.47668	40.41847	5.631156	53.95037	30.62924	23.32113	30.17373	2
1708.21	1707.31	1104.81	77.97604	116.392	76.09897	75.37262	54.64248	1.818447	43.53908	17.14679	26.39229	31.62719	2
1708.215	1707.315	1104.815	84.43153	170.8482	80.93039	76.75186	48.11161	1.799933	50.08845	15.98203	34.10643	31.03407	2
1708.22	1707.32	1104.82	78.07397	99.94063	76.7437	74.7687	54.29592	1.866253	43.83782	15.39116	28.44666	32.15113	2

1708.225	1707.325	1104.825	80.57946	192.295	77.37211	67.15431	44.18844	4.191986	51.61958	18.03237	33.58721	30.9491	2
1708.23	1707.33	1104.83	87.19001	171.4476	86.87173	82.16273	20.76158	11.98165	67.25677	49.19449	18.06228	30.6234	2
1708.235	1707.335	1104.835	88.52029	116.9515	86.99415	84.57844	42.08666	4.454982	53.45836	20.52019	32.93817	31.33551	2
1708.24	1707.34	1104.84	88.78144	147.3566	87.54094	86.33309	32.27463	7.603521	60.12184	31.90176	28.22009	30.18898	2
1708.245	1707.345	1104.845	96.26525	244.4399	99.03189	98.24841	0	40.29151	59.70849	59.70849	0	-9999	2
1708.25	1707.35	1104.85	98.43612	209.6655	97.71794	95.94696	4.265638	18.45282	77.28154	77.28154	0	-9999	2
1708.255	1707.355	1104.855	82.37492	96.16413	80.94671	77.42924	52.01196	2.101997	45.88604	15.84158	30.04446	32.51092	2
1708.26	1707.36	1104.86	84.63556	176.05	80.7182	76.53151	49.89077	1.040757	49.06847	28.26325	20.80522	31.17669	2
1708.265	1707.365	1104.865	83.28081	205.5427	79.6246	72.53253	41.97595	3.855817	54.16823	25.34193	28.8263	30.26711	2
1708.27	1707.37	1104.87	82.87275	135.4943	81.42006	80.60394	42.2258	4.781881	52.99232	35.31115	17.68117	30.33631	2
1708.275	1707.375	1104.875	81.69754	134.4286	81.12626	79.31447	36.73397	6.788518	56.47751	28.52042	27.95709	30.16763	2
1708.28	1707.38	1104.88	83.04413	140.2166	83.11758	80.57946	29.09774	9.435392	61.46687	41.39306	20.07381	30.19448	2
1708.285	1707.385	1104.885	75.56849	94.84536	73.89545	69.89647	60.49049	0.516426	38.99308	24.96405	14.02903	33.43372	2
1708.29	1707.39	1104.89	72.32034	111.7896	69.98624	68.67229	64.50145	0.322319	35.17623	12.36452	22.8117	33.04156	2
1708.295	1707.395	1104.895	71.10432	66.03874	70.37798	68.4193	64.23182	0	35.76818	17.87262	17.89556	33.50003	2
1708.3	1707.4	1104.9	72.36115	168.9766	68.48459	65.48943	62.57876	1.924557	35.49668	21.79002	13.70667	31.62995	2
1708.305	1707.405	1104.905	73.63429	156.2018	71.45526	65.50575	51.34315	3.62537	45.03148	31.48574	13.54574	30.93623	2
1708.31	1707.41	1104.91	70.6881	119.0829	69.46393	65.7914	55.63626	2.351472	42.01227	20.06074	21.95153	31.67827	2
1708.315	1707.415	1104.915	77.55982	157.8203	75.30733	73.79751	47.90923	3.823369	48.2674	26.99295	21.27445	30.06803	2
1708.32	1707.42	1104.92	72.81817	63.91405	71.42261	70.15763	68.35569	0	31.64431	7.944289	23.70002	33.07267	2
1708.325	1707.425	1104.925	73.50371	90.59597	71.42261	69.69244	66.5809	0	33.4191	6.686852	26.73225	33.24005	2
1708.33	1707.43	1104.93	73.83832	120.4683	70.10866	66.99925	71.82029	0	28.17971	7.773294	20.40641	33.23966	2
1708.335	1707.435	1104.935	81.012	207.4476	76.90692	68.63965	47.08097	3.226253	49.69277	24.47001	25.22276	30.57869	2
1708.34	1707.44	1104.94	74.9156	154.2036	71.53687	66.50958	59.94552	1.532623	38.52185	19.31432	19.20753	32.14706	2
1708.345	1707.445	1104.945	75.30733	111.6764	73.22623	69.68428	59.8201	0.888782	39.29112	19.0655	20.22562	32.84111	2
1708.35	1707.45	1104.95	71.89596	79.98581	70.17395	67.30938	67.84472	0	32.15528	6.768739	25.38654	33.47055	2
1708.355	1707.455	1104.955	72.39379	91.39522	69.68428	67.26041	72.27879	0	27.72121	8.9628	18.75841	33.24358	2
1708.36	1707.46	1104.96	71.98573	58.22599	71.07984	67.86434	66.70309	0	33.29691	17.4591	15.83781	33.54841	2
1708.365	1707.465	1104.965	72.65495	48.08207	71.66745	70.30453	69.17473	0	30.82527	16.41779	14.40748	33.04609	2
1708.37	1707.47	1104.97	70.21476	63.30794	68.17446	67.12167	75.89419	0	24.10581	8.931652	15.17416	33.02911	2
1708.375	1707.475	1104.975	72.05918	68.09017	70.33717	68.64781	70.5733	0	29.4267	10.09988	19.32682	33.08289	2
1708.38	1707.48	1104.98	74.06683	83.14288	72.32034	71.31652	65.27326	0	34.72674	19.56331	15.16344	33.17966	2
1708.385	1707.485	1104.985	75.22572	98.52195	75.21756	72.22241	47.01327	3.880576	49.10615	25.44812	23.65803	31.33594	2
1708.39	1707.49	1104.99	76.95589	124.8176	74.1158	71.39813	61.00544	0.447349	38.54721	10.80585	27.74137	32.76312	2
1708.395	1707.495	1104.995	75.73988	137.7855	73.00588	68.7539	58.16368	1.508301	40.32801	11.94287	28.38515	32.15708	2
1708.4	1707.5	1105	77.77201	122.2533	76.93957	74.58099	45.31587	4.38296	50.30117	24.22243	26.07873	30.74135	2
1708.405	1707.505	1105.005	80.54681	160.3712	77.87811	72.77737	47.76957	3.236198	48.99424	20.76783	28.22641	30.94293	2
1708.41	1707.51	1105.01	78.1311	132.2307	75.23388	70.33717	58.57301	0.836105	40.59088	27.58718	13.00371	32.6943	2
1708.415	1707.515	1105.015	81.51799	104.3965	81.77915	80.59578	37.71552	6.943698	55.34078	27.07444	28.26634	30.59547	2
1708.42	1707.52	1105.02	81.13442	79.61282	80.26933	80.79981	52.79444	2.178018	45.02754	19.62686	25.40068	32.0784	2
1708.425	1707.525	1105.025	83.77864	87.93843	83.50932	79.73069	43.72977	5.172206	51.09802	35.89939	15.19863	31.84411	2
1708.43	1707.53	1105.03	83.37874	86.53307	82.45653	77.56798	49.49771	3.053542	47.44875	34.0904	13.35835	32.6666	2
1708.435	1707.535	1105.035	94.68198	189.764	94.2984	90.78909	9.942407	16.7041	73.3535	66.77056	6.582942	31.38642	8
1708.44	1707.54	1105.04	92.48662	87.35231	92.00511	90.78909	37.50475	8.106314	54.38893	27.80879	26.58014	31.26593	8
1708.445	1707.545	1105.045	88.39787	74.38434	87.55727	85.90871	47.18762	4.018232	48.79415	23.92853	24.86562	32.26626	8
1708.45	1707.55	1105.05	91.83373	183.7163	91.49912	91.45015	13.64685	14.93477	71.41838	48.97849	22.43989	30.34157	8
1708.455	1707.555	1105.055	93.17216	135.4877	91.49096	87.55727	34.52293	6.207536	59.26954	30.02278	29.24675	31.23779	8
1708.46	1707.56	1105.06	83.88473	55.67502	82.51366	79.87759	59.97855	0	40.02145	12.44944	27.57202	34.22712	8
1708.465	1707.565	1105.065	92.42949	146.5774	91.53176	88.29177	26.45055	10.19881	63.35064	33.21178	30.13886	30.72465	8
1708.47	1707.57	1105.07	98.33003	119.1628	98.00358	95.96328	23.22894	14.67037	62.10069	40.21331	21.88737	30.82099	8
1708.475	1707.575	1105.075	91.86637	89.11068	91.47463	89.60572	36.95411	8.311635	54.73425	36.48911	18.24514	31.30372	8
1708.48	1707.58	1105.08	86.56976	83.48256	85.75365	84.56211	46.47795	4.102893	49.41915	22.79531	26.62384	31.86757	8
1708.485	1707.585	1105.085	88.84673	96.33731	87.62256	85.67203	44.43475	4.23807	51.32718	27.07221	24.25497	31.76006	8
1708.49	1707.59	1105.09	88.08774	110.704	86.34941	82.17905	45.64098	3.201354	51.15766	35.13303	16.02463	32.06302	8
1708.495	1707.595	1105.095	87.68785	134.9681	86.39022	82.53814	36.72151	6.268936	57.00956	21.041	35.96855	30.92362	8
1708.5	1707.6	1105.1	91.98063	118.9563	92.43765	93.25377	23.04844	14.2638	62.68776	47.63834	15.04942	30.18441	8
1708.505	1707.605	1105.105	89.6955	125.6102	89.56492	91.8174	28.09447	10.7652	61.14033	36.87196	24.26837	29.77661	8
1708.51	1707.61	1105.11	90.67484	177.9016	89.80159	83.06046	20.29461	11.71574	67.98965	52.32239	15.66726	31.12977	8
1708.515	1707.615	1105.115	95.48994	130.9119	96.10202	98.45244	15.72489	18.66684	65.60827	43.1981	22.41017	30.08774	8
1708.52	1707.62	1105.12	87.949	72.84576	87.17369	84.72534	47.46691	3.992915	48.54017	32.77017	15.77	32.44143	8
1708.525	1707.625	1105.125	91.17267	139.817	89.65469	87.07576	34.04978	6.678321	59.2719	26.24403	33.02787	30.76289	8
1708.53	1707.63	1105.13	88.31626	124.7843	87.1084	81.52615	37.91213	6.066454	56.02142	28.55557	27.46584	31.48587	8
1708.535	1707.635	1105.135	88.41419	191.3558	83.87657	79.64908	47.51736	0	52.48264	21.76765	30.71498	30.56828	8
1708.54	1707.64	1105.14	90.56874	89.63685	89.95665	87.20634	39.72832	6.786803	53.48487	23.39228	30.09259	31.62489	8
1708.545	1707.645	1105.145	97.64449	85.23427	97.81587	98.1668	28.21215	14.89026	56.89759	26.46398	30.43361	30.50657	8
1708.55	1707.65	1105.15	91.71947	143.9598	90.86255	86.67586	27.42098	9.908317	62.6707	37.73451	24.93619	30.88414	8
1708.555	1707.655	1105.155	82.1056	73.73827	81.15074	80.13059	54.01834	1.781692	44.19997	22.14324	22.05672	32.71179	8
1708.56	1707.66	1105.16	86.32493	106.8875	85.15788	81.74651	43.75892	4.4558	51.78528	28.09571	23.68958	31.64567	8
1708.565	1707.665	1105.165	86.36573	69.06261	86.60241	87.63072	41.99615	6.639282	51.36457	30.58529	20.77928	31.18389	8
1708.57	1707.67	1105.17	89.27928	214.1947	87.2145	80.91406	22.03	9.232798	68.7372	52.67172	16.06549	30.45491	8
1708.575	1707.675	1105.175	98.66463	196.8441	98.45244	96.74676	3.236747	20.87895	75.8843	71.10357	4.780731	-9999	8
1708.58	1707.68	1105.18	98.30554	109.7249	98.70544	98.4198	19.90627	18.57006	61.52367	33.07798	28.44569	30.44948	8
1708.585	1707.685	1105.185	96.17547	101.346	94.64933	91.97247	38.82043	5.528404	55.65117	33.63883	22.01234	31.79759	8

1708.59	1707.69	1105.19	97.3262	154.9762	96.70595	93.51493	17.76258	14.66172	67.5757	37.0349	30.54081	31.03217	8
1708.595	1707.695	1105.195	98.59935	158.1333	98.91763	99.32569	8.553622	21.59348	69.85289	48.62933	21.22356	30.87385	8
1708.6	1707.7	1105.2	92.81307	82.30366	92.52743	91.03393	36.90821	8.847368	54.24442	36.40185	17.84257	31.31604	8
1708.605	1707.705	1105.205	88.72432	116.3521	86.30861	80.71004	48.93818	1.336256	49.72557	21.93329	27.79228	32.71648	8
1708.61	1707.71	1105.21	89.25479	125.8832	87.12472	80.96303	43.92988	3.034362	53.03576	17.09634	35.93942	32.15315	8
1708.615	1707.715	1105.215	97.0732	143.4136	96.11018	91.40934	23.44995	11.78901	64.76104	31.27019	33.49085	31.25543	8
1708.62	1707.72	1105.22	96.49376	132.4105	94.63301	87.12472	33.6032	5.974949	60.42185	34.39348	26.02837	32.14583	2
1708.625	1707.725	1105.225	88.36522	93.52658	88.25097	87.91636	36.95605	7.999388	55.04456	29.03898	26.00558	30.83542	2
1708.63	1707.73	1105.23	89.05892	139.9502	88.51212	88.19384	28.43554	9.797732	61.76673	42.44155	19.32518	30.07107	2
1708.635	1707.735	1105.235	80.67739	75.64983	80.14691	80.2122	51.58074	2.639682	45.77958	16.57026	29.20932	32.03895	2
1708.64	1707.74	1105.24	82.78298	105.3223	81.79547	79.7715	46.00481	3.989553	50.00563	29.32304	20.68259	31.38991	2
1708.645	1707.745	1105.245	85.88422	133.3829	84.00715	81.59144	43.25515	3.91688	52.82797	24.92212	27.90585	30.98896	2
1708.65	1707.75	1105.25	85.37007	125.3437	83.86841	78.1311	42.7642	4.431212	52.80459	28.57658	24.22801	31.64135	2
1708.655	1707.755	1105.255	95.19613	198.0363	96.60802	90.683	0	27.44541	72.55459	72.55459	0	-9999	2
1708.66	1707.76	1105.26	86.73299	99.08143	86.03113	85.52513	41.66737	5.594825	52.7378	35.08922	17.64858	31.05621	2
1708.665	1707.765	1105.265	87.99797	164.1611	85.44352	82.44837	39.11188	4.052447	56.83568	20.22144	36.61423	30.53068	2
1708.67	1707.77	1105.27	97.88932	233.8431	96.34686	88.92835	5.305886	14.97764	79.71648	78.26189	1.45459	-9999	2
1708.675	1707.775	1105.275	93.8985	175.8302	92.64168	84.70901	20.80283	11.09785	68.09932	36.75252	31.3468	31.54919	2
1708.68	1707.78	1105.28	92.62536	181.0654	91.06657	82.8401	23.04744	9.679389	67.27318	36.58778	30.6854	31.41035	2
1708.685	1707.785	1105.285	95.86535	179.4802	93.80057	93.27009	24.37171	7.971688	67.6566	36.91276	30.74385	30.27109	2
1708.69	1707.79	1105.29	108.9967	105.1958	110.0658	109.5598	5.980032	39.22336	54.7966	54.7966	0	-9999	2
1708.695	1707.795	1105.295	95.61235	60.35735	95.19613	95.25326	40.65586	8.360521	50.98361	34.21449	16.76912	31.60885	2
1708.7	1707.8	1105.3	95.31039	101.0929	94.21679	93.8577	36.32535	7.41118	56.26347	34.83506	21.42841	31.07389	2
1708.705	1707.805	1105.305	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1709.005	1708.105	1105.605	102.6391	88.93084	102.7779	103.0145	22.9755	19.74549	57.27901	39.82559	17.45342	30.24897	2
1709.01	1708.111	1105.611	97.99542	82.48349	97.30172	95.43281	35.25939	9.745603	54.99501	25.56816	29.42685	31.43645	2
1709.015	1708.116	1105.616	96.15099	109.6383	94.70646	90.92783	36.20372	6.505752	57.29053	30.86876	26.42177	31.71415	2
1709.02	1708.121	1105.621	95.84087	95.92436	95.25326	93.27009	33.16665	9.977685	56.85567	30.15232	26.70335	31.17549	2
1709.025	1708.126	1105.626	95.22878	60.11757	94.93497	92.64168	40.11804	8.756323	51.12563	18.95782	32.16781	31.96506	2
1709.03	1708.132	1105.632	99.66846	104.7695	98.8605	95.61235	29.21247	11.57511	59.21242	41.87904	17.33338	31.30589	2
1709.035	1708.137	1105.637	96.64882	83.24279	95.33487	92.58455	41.12144	5.605298	53.27326	23.62267	29.65059	32.166	2
1709.04	1708.142	1105.642	95.34303	124.0383	93.70264	91.00129	34.98023	6.217777	58.802	38.50903	20.29297	31.28972	2
1709.045	1708.147	1105.647	91.79292	94.75211	92.24178	94.28208	29.1418	12.45932	58.39888	41.11586	17.28301	30.1447	2
1709.05	1708.153	1105.653	94.8452	78.24742	94.37185	98.08519	37.47499	8.811616	53.71339	24.71226	29.00113	30.49748	2
1709.055	1708.158	1105.658	94.1515	85.32086	93.7516	92.69065	35.83218	9.261442	54.90638	27.88255	27.02383	31.1783	2
1709.06	1708.163	1105.663	93.13135	76.75547	92.15201	91.05841	43.33423	5.406172	51.2596	28.93247	22.32712	31.93817	2
1709.065	1708.168	1105.668	92.23362	83.72234	90.95232	87.44301	44.81438	4.196977	50.98865	28.43284	22.5558	32.4546	2
1709.07	1708.174	1105.674	91.48279	96.13083	90.51978	87.5083	40.03557	6.132402	53.83203	35.9105	17.92153	31.68575	2
1709.075	1708.179	1105.679	91.45831	103.9969	91.04209	88.50396	33.91682	9.001863	57.08132	31.79571	25.28561	31.09134	2
1709.08	1708.184	1105.684	89.85056	91.46183	89.89136	89.1895	34.88748	9.241527	55.87099	30.24983	25.62116	30.85714	2
1709.085	1708.189	1105.689	91.57257	109.3919	90.69116	87.54094	36.11132	7.410257	56.47843	33.50136	22.97707	31.29152	2
1709.09	1708.195	1105.695	91.85005	87.43889	91.54808	93.13135	36.67796	8.590266	54.73177	23.75142	30.98035	30.6531	2
1709.095	1708.2	1105.7	93.39251	141.9417	93.98828	93.09871	15.11182	17.55382	67.33436	39.77135	27.56302	30.68233	2
1709.1	1708.205	1105.705	97.42414	169.7692	97.70162	99.03189	7.13518	21.05117	71.81365	62.65518	9.158471	-9999	2
1709.105	1708.21	1105.71	89.24663	86.83279	87.91636	86.06377	47.18918	3.316304	49.49452	18.29548	31.19904	32.2057	2
1709.11	1708.216	1105.716	86.93702	72.7725	86.08825	86.15354	48.98491	3.388817	47.62627	24.71024	22.91603	32.11158	2
1709.115	1708.221	1105.721	85.29662	77.83447	84.72534	83.47668	47.11861	4.095112	48.78628	16.00203	32.78425	31.95328	2
1709.12	1708.226	1105.726	85.38639	115.6594	83.62358	79.80414	47.11677	2.991141	49.89209	25.69291	24.19918	31.86166	2
1709.125	1708.231	1105.731	82.77481	94.91196	82.21169	81.82812	45.24267	4.460231	50.2971	24.63143	25.66567	31.1831	2
1709.13	1708.237	1105.737	89.34457	152.5252	89.37721	88.99363	20.63891	13.05411	66.30698	49.95741	16.34958	30.12859	2
1709.135	1708.242	1105.742	86.74931	79.52623	87.23082	89.54859	37.21359	8.414217	54.3722	34.49286	19.87934	30.47042	2
1709.14	1708.247	1105.747	84.70901	91.70161	85.19869	85.59042	36.08097	8.191271	55.72776	29.66736	26.0604	30.54737	2
1709.145	1708.252	1105.752	85.64755	101.8922	84.72534	84.52131	43.69351	4.71644	51.59005	27.59346	23.99659	31.06951	2
1709.15	1708.258	1105.758	86.39838	166.5122	85.52513	87.82659	26.9852	9.463217	63.55159	29.08692	34.46467	29.10907	2
1709.155	1708.263	1105.763	85.40271	124.8842	84.46418	83.22368	38.48119	6.146205	55.37261	23.14162	32.23099	30.51626	2
1709.16	1708.268	1105.768	82.42388	80.40542	81.86076	80.14691	49.07611	3.375745	47.54815	18.38076	29.16739	32.06539	2
1709.165	1708.273	1105.773	87.1084	118.3103	85.45168	83.14207	44.06877	3.804651	52.12658	27.91229	24.21429	31.36377	2
1709.17	1708.279	1105.779	90.51978	150.0874	88.43867	84.04796	36.52918	5.020708	58.45011	37.40566	21.04446	31.05556	2
1709.175	1708.284	1105.784	87.42669	95.17172	85.81077	82.66056	49.05922	2.440657	48.50012	32.41909	16.08103	32.44428	2
1709.18	1708.289	1105.789	82.76665	66.37843	81.65673	79.42057	56.39298	1.022557	42.58446	20.76586	21.8186	33.48579	2
1709.185	1708.294	1105.794	86.07193	89.95656	84.94569	82.64424	47.77272	3.377899	48.84938	31.43562	17.41376	32.09629	2
1709.19	1708.3	1105.8	86.46367	73.47185	85.79445	87.92452	47.85967	3.883008	48.25732	27.86411	20.39322	31.54619	2
1709.195	1708.305	1105.805	89.67101	102.9445	89.40985	90.55242	34.61407	8.69713	56.6888	26.73228	29.95652	30.38046	2
1709.2	1708.31	1105.81	86.5616	78.14751	86.14538	84.7743	44.67733	5.089258	50.23341	28.59677	21.63664	31.76802	2
1709.205	1708.315	1105.815	89.67917	117.6309	89.67101	91.38486	29.09173	10.71424	60.19403	30.32848	29.86555	29.9578	2
1709.21	1708.321	1105.821	92.55191	97.0633	91.60521	91.14819	38.69983	6.688102	54.61207	35.33137	19.2807	31.14968	2
1709.215	1708.326	1105.826	90.87887	65.91219	89.92401	90.55242	47.84084	3.898872	48.26029	33.45701	14.80327	32.16865	2
1709.22	1708.331	1105.831	88.61006	107.6335	87.19001	83.68071	43.43679	4.226429	52.33678	23.08048	29.2563	31.78134	2
1709.225	1708.336	1105.836	86.30861	89.48366	85.1334	82.44837	48.04891	3.250322	48.70076	28.52781	20.17295	32.22385	2
1709.23	1708.342	1105.842	86.84724	137.0396	84.7743	79.42873	43.00225	3.681161	53.31659	23.7518	29.56479	31.5331	2
1709.235	1708.347	1105.847	87.2145	132.0242	84.45602	78.00052	49.19102	1.203698	49.60528	32.89093	16.71435	32.52345	2
1709.24	1708.352	1105.852	85.0273	115.0666	83.26449	78.77584	47.59058	2.894469	49.51495	20.90731	28.60764	32.01744	2
1709.245	1708.357	1105.857	88.57741	87.51216	87.81026	86.61057	43.27626	5.23897	51.48477	24.34668	27.1381	31.58123	2

1709.25	1708.363	1105.863	85.34559	62.37548	84.56211	83.81128	52.45911	2.396836	45.14405	27.91236	17.23169	32.80909	2
1709.255	1708.368	1105.868	91.18899	193.5804	87.90004	83.48484	34.74907	3.423199	61.82773	34.94388	26.88385	30.54287	2
1709.26	1708.373	1105.873	99.78272	229.5005	100.2642	105.4629	0	28.68609	71.31391	71.31391	0	-9999	2
1709.265	1708.378	1105.878	95.93064	193.1209	92.51927	84.26015	31.44671	2.37701	66.17628	35.75777	30.41851	31.77047	2
1709.27	1708.384	1105.884	86.7085	79.23317	86.51264	85.90871	42.57173	5.980714	51.44756	19.37791	32.06964	31.41139	2
1709.275	1708.389	1105.889	87.30427	81.95731	86.99415	85.20685	42.24987	6.018239	51.73189	23.39162	28.34027	31.59244	2
1709.28	1708.394	1105.894	88.37338	106.8276	88.52029	89.41802	31.70573	9.89674	58.39753	37.66453	20.733	30.2281	2
1709.285	1708.399	1105.899	84.3336	104.6163	82.17905	78.24536	53.79372	0.976947	45.22933	26.01529	19.21404	32.85744	2
1709.29	1708.405	1105.905	82.9462	114.1341	80.4652	78.57997	55.29678	0.646819	44.0564	12.17353	31.88287	32.41931	2
1709.295	1708.41	1105.91	83.28897	92.86053	81.1589	79.28183	57.40993	0.150937	42.43913	16.9017	25.53743	33.17936	2
1709.3	1708.415	1105.915	91.32773	201.4931	88.53661	80.71004	28.84837	5.834071	65.31756	34.47897	30.8386	30.95342	2
1709.305	1708.42	1105.92	90.87887	138.5382	89.54859	86.17803	33.17482	7.270288	59.55489	27.33212	32.22277	30.85536	2
1709.31	1708.426	1105.926	87.04311	99.26792	86.55344	87.5083	39.69245	6.44939	53.85816	25.92669	27.93147	30.64126	2
1709.315	1708.431	1105.931	88.84673	130.2059	86.40654	83.90106	45.66268	2.195915	52.14141	28.29285	23.84856	31.5632	2
1709.32	1708.436	1105.936	85.35375	96.66367	83.29713	80.00001	54.02073	0.829084	45.15018	28.7364	16.41379	32.99684	2
1709.325	1708.441	1105.941	86.92886	138.758	83.59909	79.92656	52.25168	0	47.74832	21.65289	26.09543	32.18099	2
1709.33	1708.447	1105.947	88.72432	127.4551	87.45933	82.16273	37.33311	6.154884	56.512	30.50826	26.00375	31.38644	2
1709.335	1708.452	1105.952	87.2145	159.7252	83.50116	81.09361	49.88754	0.153635	49.95883	18.25788	31.70095	31.44254	2
1709.34	1708.457	1105.957	79.79598	60.55716	79.05332	78.14742	57.68854	0.872489	41.43897	26.47244	14.96654	33.36649	2
1709.345	1708.462	1105.962	76.303	39.13037	75.1033	73.63429	69.62932	0	30.37068	5.426779	24.9439	33.0231	2
1709.35	1708.468	1105.968	77.59246	60.91683	75.67459	73.12014	68.73661	0	31.26339	13.21829	18.0451	32.93208	2
1709.355	1708.473	1105.973	80.79981	147.017	76.66209	73.63429	62.15339	0	37.84661	14.819	23.02761	31.74494	2
1709.36	1708.478	1105.978	81.16706	93.23352	78.62077	76.93141	62.49753	0	37.50247	21.05983	16.44264	32.52069	2
1709.365	1708.483	1105.983	82.26066	110.4908	79.46137	75.16859	59.27587	0	40.72413	15.38107	25.34306	32.97017	2
1709.37	1708.489	1105.989	79.81231	53.184	78.22087	76.56415	66.03574	0	33.96426	20.79971	13.16455	33.07858	2
1709.375	1708.494	1105.994	82.85643	100.9131	80.4652	76.88244	57.88313	0	42.11687	27.01177	15.1051	33.36691	2
1709.38	1708.499	1105.999	88.61006	126.869	86.38206	83.04413	45.04347	2.681901	52.27463	36.0199	16.25473	31.66856	2
1709.385	1708.504	1106.004	86.8146	79.17989	86.00664	84.59476	47.2307	3.919738	48.84956	24.55284	24.29672	32.06323	2
1709.39	1708.51	1106.01	84.35808	77.46814	83.83577	86.52896	47.69122	3.905238	48.40354	34.24613	14.15741	31.24307	2
1709.395	1708.515	1106.015	86.5616	101.4459	84.94569	79.94288	48.33675	2.694135	48.96911	31.14935	17.81976	32.53277	2
1709.4	1708.52	1106.02	82.66056	83.80227	80.53049	77.29866	60.18017	0	39.81983	20.32084	19.49899	33.32276	2
1709.405	1708.525	1106.025	83.94186	111.2834	82.11376	79.43689	50.0107	2.29174	47.69756	24.37857	23.31898	31.94565	2
1709.41	1708.531	1106.031	83.80312	149.3881	84.0806	82.75849	24.59874	10.98662	64.41465	36.27453	28.14012	29.9672	2
1709.415	1708.536	1106.036	86.59425	188.5384	84.78246	83.99083	28.7483	7.952648	63.29905	46.03635	17.2627	29.35203	2
1709.42	1708.541	1106.041	82.33411	115.8992	80.16324	76.23771	53.0293	1.515059	45.45564	29.34431	16.11134	32.36339	2
1709.425	1708.546	1106.046	81.77915	117.6109	80.09795	74.08316	49.33067	2.802494	47.86684	33.46405	14.40278	32.18958	2
1709.43	1708.552	1106.052	93.5639	239.1715	95.73477	101.619	0	32.59087	67.40913	67.40913	0	-9999	2
1709.435	1708.557	1106.057	82.1056	99.40779	80.83245	80.30198	50.27303	2.676189	47.05078	30.53512	16.51566	31.64238	2
1709.44	1708.562	1106.062	88.01429	211.8635	83.10942	77.10279	45.76863	0	54.23137	30.04078	24.19058	30.87637	2
1709.445	1708.567	1106.067	87.68785	159.9983	85.49249	78.1311	37.62163	4.930247	57.44813	37.30836	20.13976	31.26951	2
1709.45	1708.573	1106.073	84.64372	101.7523	83.81945	78.95538	43.89189	4.717526	51.39059	22.33497	29.05562	31.88417	2
1709.455	1708.578	1106.078	78.75951	51.38567	77.21705	75.28285	67.06001	0	32.93999	15.6373	17.30269	33.09669	2
1709.46	1708.583	1106.083	82.27698	141.5354	78.41674	74.89927	59.97047	0	40.02953	9.000589	31.02895	31.77714	2
1709.465	1708.588	1106.088	83.76232	78.64039	82.66872	82.79114	52.38308	2.128803	45.48812	23.49659	21.99153	32.27846	2
1709.47	1708.594	1106.094	83.68887	98.54859	82.51366	80.41623	48.26536	3.222547	48.51209	15.73443	32.77766	31.81604	2
1709.475	1708.599	1106.099	86.49631	38.09133	86.1209	86.1617	54.11475	2.498732	43.38652	16.87658	26.50994	33.33445	2
1709.48	1708.604	1106.104	89.00996	153.9772	85.16604	80.00001	50.63872	0	49.36128	24.91321	24.44807	31.12189	2
1709.485	1708.609	1106.109	82.76665	63.12811	81.77099	79.55931	56.29407	1.115113	42.59081	29.90912	12.6817	33.51701	2
1709.49	1708.615	1106.115	84.3336	73.63836	83.22368	80.04898	53.19449	1.882768	44.92274	26.28661	18.63613	33.12811	2
1709.495	1708.62	1106.12	92.65801	175.2974	92.65801	91.78476	12.33266	16.37562	71.29172	54.33158	16.96014	30.68636	2
1709.5	1708.625	1106.125	94.9921	114.0409	96.55905	99.08086	12.86553	22.43755	64.69692	42.26059	22.43633	30.23941	2
1709.505	1708.63	1106.13	90.90335	44.03915	91.26244	90.41368	42.92848	8.028401	49.04312	16.82246	32.22066	32.00521	2
1709.51	1708.636	1106.136	85.45168	107.8933	86.21067	82.79114	29.39211	10.57711	60.03078	26.07105	33.95973	30.90165	2
1709.515	1708.641	1106.141	81.38741	124.9907	79.77966	72.53253	47.33591	3.426806	49.23729	15.32012	33.91717	32.03078	2
1709.52	1708.646	1106.146	79.57563	91.58172	78.01685	74.48305	56.70823	1.023743	42.26802	17.18946	25.07856	33.07642	2
1709.525	1708.651	1106.151	78.96354	136.9663	75.94391	71.9286	57.60989	0.900717	41.4894	23.75388	17.73551	32.34627	2
1709.53	1708.657	1106.157	78.64526	158.8527	74.99721	71.68377	57.4764	1.137707	41.3859	29.01551	12.37039	31.70375	2
1709.535	1708.662	1106.162	86.59425	280.5398	81.74651	76.93141	30.01267	5.1969	64.79043	36.78646	28.00397	28.6234	2
1709.54	1708.667	1106.167	90.58507	224.6316	89.17318	81.42006	13.24299	12.67107	74.08594	47.66771	26.41823	31.34239	2
1709.545	1708.672	1106.172	80.89774	84.20856	79.23286	77.7312	58.09843	0.463718	41.43785	21.3133	20.12455	33.18138	2
1709.55	1708.678	1106.178	80.10611	61.63616	79.2247	77.24969	58.21734	0.684463	41.0982	23.18192	17.91628	33.6539	2
1709.555	1708.683	1106.183	76.50703	102.3118	73.87097	71.3818	65.28357	0	34.71643	23.04216	11.67428	33.03223	2
1709.56	1708.688	1106.188	75.98471	102.4117	72.86714	70.01889	69.47162	0	30.52838	14.35089	16.17749	32.79871	2
1709.565	1708.693	1106.193	75.9031	81.74418	73.47923	70.71259	69.17206	0	30.82794	6.983033	23.84491	32.93838	2
1709.57	1708.699	1106.199	78.9717	119.5558	76.51519	71.29203	57.45153	0.894385	41.65408	12.3858	29.26828	32.9005	2
1709.575	1708.704	1106.204	83.3869	191.6489	78.41674	74.01787	55.42375	0	44.57625	15.15505	29.4212	31.1851	2
1709.58	1708.709	1106.209	86.82276	202.0526	83.90922	78.71055	33.80629	5.45063	60.74308	24.00137	36.74171	30.01667	2
1709.585	1708.714	1106.214	78.87377	89.15064	77.36395	75.797	57.56277	0.86907	41.56816	19.3455	22.22265	32.84632	2
1709.59	1708.72	1106.22	83.88473	149.2349	80.43256	77.82914	53.46559	0.513	46.02141	15.39498	30.62643	31.74054	2
1709.595	1708.725	1106.225	80.29381	146.5707	76.95589	73.36497	56.52848	0.834817	42.6367	15.77949	26.85721	32.03698	2
1709.6	1708.73	1106.23	90.36471	173.5723	92.60088	99.14614	0	24.8559	75.1441	75.1441	0	-9999	10
1709.605	1708.735	1106.235	98.0199	84.22188	99.28488	99.71743	19.63638	22.14175	58.22187	27.24682	30.97505	30.24374	10
1709.61	1708.741	1106.241	100.3377	52.30482	100.656	100.2479	32.56485	16.16806	51.26709	37.02709	14.24	30.84575	10

1709.615	1708.746	1106.246	99.79904	48.75478	99.97859	99.25224	34.99475	14.43265	50.5726	32.05241	18.52019	31.15123	10
1709.62	1708.751	1106.251	100.0194	57.71979	99.73375	101.113	36.22769	12.08617	51.68613	32.77706	18.90907	30.94579	10
1709.625	1708.756	1106.256	97.00791	64.49351	97.25275	97.44046	33.24781	13.38874	53.36344	32.76923	20.59421	30.85049	10
1709.63	1708.762	1106.262	94.10253	71.79341	94.05357	93.86586	36.43116	10.08047	53.48837	27.48786	26.00051	31.12524	10
1709.635	1708.767	1106.267	87.54911	76.71551	87.36956	86.35757	42.28115	6.240433	51.47842	22.1781	29.30032	31.52524	10
1709.64	1708.772	1106.272	82.22802	84.98117	80.39175	76.75186	58.01584	0.267164	41.71699	27.65621	14.06079	33.65583	10
1709.645	1708.777	1106.277	80.97119	141.9084	77.55166	73.44658	57.66607	0.30231	42.03162	26.16366	15.86795	32.48427	10
1709.65	1708.783	1106.283	83.50932	138.3383	82.02399	75.76436	41.20489	5.000848	53.79426	28.09476	25.6995	31.2584	2
1709.655	1708.788	1106.288	86.32493	123.9051	85.1334	82.3994	39.83042	5.525125	54.64446	28.39431	26.25015	30.9474	2
1709.66	1708.793	1106.293	81.19154	106.0616	80.07346	79.29815	48.302	3.336655	48.36134	25.76115	22.60019	31.26837	2
1709.665	1708.798	1106.298	83.37874	127.3086	82.21169	79.02883	41.52751	5.116361	53.35613	31.0617	22.29443	30.88718	2
1709.67	1708.804	1106.304	84.60292	169.303	82.85643	77.35579	34.72932	6.536926	58.73376	32.50608	26.22768	30.39595	2
1709.675	1708.809	1106.309	87.60623	323.6265	82.34227	73.20175	21.88036	6.622406	71.49723	39.92667	31.57056	29.16275	2
1709.68	1708.814	1106.314	95.17165	367.3859	92.64984	76.26219	0	18.34317	81.65683	81.65683	0	-9999	2
1709.685	1708.819	1106.319	90.76461	189.2977	90.78909	89.94033	10.49676	16.29284	73.21041	54.4625	18.74791	30.70249	2
1709.69	1708.825	1106.325	90.2423	140.0568	89.7363	90.47081	27.0048	10.48018	62.51502	44.35359	18.16143	29.92357	2
1709.695	1708.83	1106.33	85.32926	76.63558	84.55395	82.24434	48.95994	3.380023	47.66004	31.02124	16.6388	32.38894	2
1709.7	1708.835	1106.335	80.6121	142.4479	79.15941	75.38078	42.62283	4.862635	52.51453	29.37707	23.13746	30.60025	2
1709.705	1708.84	1106.34	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1710.005	1709.155	1106.655	97.25275	54.7692	96.17547	95.04923	45.62221	5.251964	49.12582	24.53364	24.59219	32.60033	2
1710.01	1709.161	1106.661	92.75594	61.22987	92.45398	91.09106	42.18713	7.316403	50.49647	20.86146	29.63501	31.93281	2
1710.015	1709.166	1106.666	91.85005	48.0088	91.85005	91.18083	43.87983	7.287022	48.83315	29.03027	19.80288	32.07199	2
1710.02	1709.171	1106.671	91.15635	87.55878	90.936	89.0426	36.65466	8.586635	54.7587	32.97554	21.78316	31.25768	2
1710.025	1709.176	1106.676	96.36318	95.86441	96.38767	96.51824	27.95694	13.70591	58.33715	32.40104	25.93611	30.50758	2
1710.03	1709.182	1106.682	94.51875	74.391	94.32289	94.4453	36.5581	9.777929	53.66397	35.10678	18.55719	31.0745	2
1710.035	1709.187	1106.687	94.8044	69.58212	94.10253	94.8044	41.38051	7.037426	51.58207	24.02012	27.56194	31.4951	2
1710.04	1709.192	1106.692	94.53508	79.01338	95.33487	96.24893	27.70807	15.34035	56.95158	40.65413	16.29745	30.38682	2
1710.045	1709.197	1106.697	96.79572	74.76398	96.95079	94.03724	31.65332	13.37597	54.97072	39.54146	15.42926	31.29523	2
1710.05	1709.203	1106.703	95.19613	70.88092	95.38384	94.16782	33.81164	12.03511	54.15325	36.8919	17.26135	31.12701	2
1710.055	1709.208	1106.708	90.56058	101.0596	90.37287	89.85872	33.68257	9.321904	56.99552	29.94756	27.04796	30.6871	2
1710.06	1709.213	1106.713	86.62689	64.06724	85.63939	82.48917	52.45214	2.239009	45.30886	22.34299	22.96587	33.29973	2
1710.065	1709.218	1106.718	86.10458	46.15053	84.8804	84.24383	59.10274	0.115633	40.78163	21.96135	18.82028	34.23694	2
1710.07	1709.224	1106.724	84.0806	40.37588	82.97068	82.08111	61.47677	0	38.52323	12.36287	26.16036	34.12682	2
1710.075	1709.229	1106.729	92.27443	52.92424	92.18466	89.54859	42.9956	7.462494	49.54191	34.05429	15.48762	32.30356	2
1710.08	1709.234	1106.734	93.25377	113.0618	93.78425	95.4981	22.73438	15.16752	62.0981	32.05334	30.04476	30.05463	2
1710.085	1709.239	1106.739	96.98343	157.0343	96.10202	96.73043	19.60384	13.11971	67.27645	36.03622	31.24023	30.25174	2
1710.09	1709.245	1106.745	93.66999	127.928	92.33972	89.61388	33.17464	7.440546	59.38481	31.08163	28.30318	31.01975	2
1710.095	1709.25	1106.75	88.74064	109.252	87.04311	83.87657	45.07546	3.372362	51.55218	19.43904	32.11314	31.87315	2
1710.1	1709.255	1106.755	88.63454	73.00562	87.47565	85.01098	49.77024	2.84004	47.38972	22.03883	25.35089	32.78564	2
1710.105	1709.26	1106.76	84.55395	70.34808	83.41139	82.52182	54.04101	1.61799	44.341	30.7938	13.5472	32.9002	2
1710.11	1709.266	1106.766	85.94951	125.9898	84.32544	77.23337	43.0235	4.209514	52.76699	27.82084	24.94614	31.93628	2
1710.115	1709.271	1106.771	90.64219	131.3781	89.55676	86.61057	33.22781	7.700759	59.07143	28.41203	30.6594	30.82774	2
1710.12	1709.276	1106.776	88.97731	85.69385	88.15303	86.90437	43.79113	5.048782	51.16009	29.41762	21.74247	31.68035	2
1710.125	1709.281	1106.781	87.51646	67.917	87.14921	87.09208	45.89515	4.956054	49.14879	22.23764	26.91115	31.83172	2
1710.13	1709.287	1106.787	87.57359	72.71921	86.79012	86.19435	47.90617	3.824067	48.26977	18.2486	30.02117	32.12104	2
1710.135	1709.292	1106.792	87.70417	112.9552	87.76946	88.08774	31.47101	9.656481	58.87251	37.90355	20.96896	30.22855	2
1710.14	1709.297	1106.797	83.92554	73.57842	82.63607	80.67739	54.97589	1.26386	43.76025	16.40567	27.35458	33.15164	2
1710.145	1709.302	1106.802	87.15737	160.4645	85.09259	83.99083	36.98485	5.326712	57.68844	21.31706	36.37137	30.01894	8
1710.15	1709.308	1106.808	95.17165	315.494	95.67764	100.7213	0	30.26081	69.73919	69.73919	0	-9999	8
1710.155	1709.313	1106.813	97.88932	236.0877	102.5902	109.2578	0	56.71258	43.28742	43.28742	0	-9999	8
1710.16	1709.318	1106.818	93.40067	120.5215	93.84954	92.43765	21.42646	15.37598	63.19756	47.03457	16.16299	30.61473	8
1710.165	1709.323	1106.823	88.6427	200.1011	89.23031	88.67535	5.470317	18.07055	76.45913	62.62899	13.83014	-9999	8
1710.17	1709.329	1106.829	76.24587	166.1525	74.07499	70.30453	46.46916	4.463144	49.0677	22.82549	26.24221	30.04679	2
1710.175	1709.334	1106.834	77.8373	142.0349	76.32748	72.06734	45.71833	4.294753	49.98692	32.08148	17.90544	30.71342	2
1710.18	1709.339	1106.839	72.1816	83.60245	69.83118	68.00308	71.57689	0	28.42311	14.71254	13.71057	33.1174	2
1710.185	1709.344	1106.844	71.9286	111.2435	69.92095	66.00359	62.46406	0.760622	36.77532	9.173196	27.60213	33.09257	2
1710.19	1709.35	1106.85	75.26653	108.1464	72.40195	69.66796	66.78383	0	33.21617	8.165717	25.05045	33.11588	2
1710.195	1709.355	1106.855	74.00154	65.14624	72.86714	69.5537	64.94482	0	35.05518	7.68529	27.36989	33.6916	2
1710.2	1709.36	1106.86	76.40093	78.80024	75.26653	72.69575	59.43312	0.574396	39.99249	24.04671	15.94578	33.37188	2
1710.205	1709.365	1106.865	80.10611	149.4281	77.5435	77.36395	50.00103	2.7231	47.27587	29.22358	18.05229	30.4316	2
1710.21	1709.371	1106.871	82.89723	128.6873	80.40807	75.07066	51.88321	1.605974	46.51081	28.02661	18.4842	32.2795	2
1710.215	1709.376	1106.876	81.52615	149.841	77.32314	73.51187	61.30773	0	38.69227	24.2805	14.41177	31.67143	2
1710.22	1709.381	1106.881	75.56033	52.0384	74.25454	71.73274	68.01107	0	31.98893	11.32749	20.66144	33.26833	2
1710.225	1709.386	1106.886	79.68173	63.66761	78.00052	75.05434	64.31458	0	35.68542	20.23292	15.4525	33.38833	2
1710.23	1709.392	1106.892	80.44888	71.02745	79.31447	76.01736	57.59002	0.780027	41.62995	11.24307	30.38688	33.63078	2
1710.235	1709.397	1106.897	81.81996	85.34084	79.44505	76.86612	62.47866	0	37.52134	13.96224	23.5591	32.75443	2
1710.24	1709.402	1106.902	83.82761	103.3575	81.32212	77.33947	57.28359	0	42.71641	21.63634	21.08007	33.26184	2
1710.245	1709.407	1106.907	84.66821	177.7418	79.57563	76.01736	58.55921	0	41.44079	12.22794	29.21285	29.80169	2
1710.25	1709.413	1106.913	79.69805	78.63373	77.79649	75.18492	62.38549	0	37.61451	19.00914	18.60538	33.34899	2
1710.255	1709.418	1106.918	85.64755	93.90623	84.2275	81.35477	49.4843	2.6168	47.8989	28.99267	18.90623	32.31923	2
1710.26	1709.423	1106.923	86.61057	73.09886	85.68836	84.27647	49.77551	3.060911	47.16358	24.15519	23.00839	32.4567	2
1710.265	1709.428	1106.928	88.33258	98.54193	87.19001	85.77813	43.74176	4.533726	51.72451	28.21529	23.50922	31.509	2
1710.27	1709.434	1106.934	85.3211	91.23537	83.55013	79.69805	53.15069	1.307713	45.54159	30.13641	15.40519	33.0371	2

1710.275	1709.439	1106.939	80.45704	55.26873	79.18389	78.57997	62.47136	0	37.52864	15.34817	22.18047	33.49207	2
1710.28	1709.444	1106.944	82.97068	90.08977	81.99134	75.01353	49.45515	3.029964	47.51489	17.22015	30.29474	32.94422	2
1710.285	1709.449	1106.949	89.17318	67.92366	89.26295	86.64321	40.82741	7.478885	51.69371	21.07532	30.61838	31.84306	2
1710.29	1709.455	1106.955	86.19435	56.72738	86.34125	85.90871	45.83469	5.411913	48.7534	18.45329	30.30011	31.98103	2
1710.295	1709.46	1106.96	89.76079	36.82584	89.22215	87.33691	52.68267	3.167535	44.1498	31.77579	12.37401	33.61462	2
1710.3	1709.465	1106.965	90.45449	60.64375	90.00562	88.19384	45.58479	5.451851	48.96336	22.15393	26.80943	32.33417	2
1710.305	1709.47	1106.97	91.70315	75.5366	90.60139	88.38971	45.89188	4.234174	49.87394	23.94516	25.92879	32.37832	2
1710.31	1709.476	1106.976	91.33589	96.31066	90.23413	90.65035	41.20243	5.506593	53.29097	28.13637	25.1546	31.14102	2
1710.315	1709.481	1106.981	87.27979	71.59359	86.13722	85.34559	51.23183	2.413087	46.35508	24.73698	21.61811	32.61578	2
1710.32	1709.486	1106.986	88.32442	82.81651	86.2678	84.72534	54.63873	0.26339	45.09788	19.16717	25.93072	33.23842	2
1710.325	1709.491	1106.991	84.0398	56.64079	84.23567	84.82327	47.45833	4.578871	47.9628	14.86894	33.09386	31.89828	2
1710.33	1709.497	1106.997	83.29713	96.75692	83.71335	86.39022	36.72576	7.628774	55.64547	29.48658	26.15889	30.01863	2
1710.335	1709.502	1107.002	88.39787	43.20659	88.03062	87.32059	51.06418	3.665294	45.27053	17.33459	27.93594	32.99601	2
1710.34	1709.507	1107.007	90.07091	46.17051	90.74013	91.62154	40.77507	8.959435	50.2655	32.38255	17.88294	31.41947	2
1710.345	1709.512	1107.012	83.05229	75.38341	80.83245	79.1186	62.55287	0	37.44713	23.24279	14.20433	32.63256	2
1710.35	1709.518	1107.018	79.82863	74.41098	78.02501	76.38461	62.52827	0	37.47173	22.81092	14.66081	33.22214	2
1710.355	1709.523	1107.023	89.81791	79.71273	87.98981	86.42286	52.24485	1.110176	46.64497	22.31381	24.33116	33.01082	2
1710.36	1709.528	1107.028	88.19384	237.9659	82.03215	78.26168	49.02703	0	50.97297	17.49402	33.47896	27.79403	2
1710.365	1709.533	1107.033	81.38741	121.434	78.99619	75.31549	54.26855	1.282358	44.44909	28.28235	16.16674	32.30042	2
1710.37	1709.539	1107.039	84.79879	155.1095	81.89341	75.81333	46.96533	2.322535	50.71214	35.21853	15.49361	31.55406	2
1710.375	1709.544	1107.044	77.93523	46.88984	76.47438	75.14411	68.27384	0	31.72616	23.87712	7.849036	32.95006	2
1710.38	1709.549	1107.049	82.43204	95.11178	79.91024	76.24587	60.68946	0	39.31054	10.69472	28.61582	32.92785	2
1710.385	1709.554	1107.054	85.28846	105.8418	84.40705	81.86076	42.75181	5.006488	52.24171	20.11413	32.12758	31.32539	2
1710.39	1709.56	1107.06	80.34278	59.23172	79.68173	79.57563	56.87374	1.11653	42.00973	25.46435	16.54538	33.13013	2
1710.395	1709.565	1107.065	81.47719	68.64966	80.16324	78.6779	58.61089	0.374128	41.01499	29.0192	11.99579	33.59306	2
1710.4	1709.57	1107.07	82.93804	53.11074	82.80746	84.34176	51.85619	2.922198	45.22161	20.77737	24.44424	32.30005	2
1710.405	1709.575	1107.075	82.88907	42.61381	82.79114	83.56645	54.1885	2.289698	43.5218	21.30632	22.21548	32.95917	2
1710.41	1709.581	1107.081	80.10611	32.75628	80.08162	77.79649	58.56511	0.845811	40.58908	20.7485	19.84058	34.29781	2
1710.415	1709.586	1107.086	83.9337	91.35526	82.17089	78.06581	54.33484	1.127535	44.53763	26.483	18.05462	33.14953	2
1710.42	1709.591	1107.091	84.78246	94.77209	83.81128	81.9587	46.59194	3.840013	49.56805	19.11306	30.45499	31.70712	2
1710.425	1709.596	1107.096	87.20634	112.0028	85.52513	85.1742	45.69483	3.316711	50.98846	34.02474	16.96372	31.25584	2
1710.43	1709.602	1107.102	88.0551	163.9812	84.26015	80.77532	48.71671	0.074524	51.20877	15.29122	35.91754	31.52613	2
1710.435	1709.607	1107.107	81.66489	89.81669	79.30631	76.77635	61.41167	0	38.58833	25.22656	13.36177	32.89192	2
1710.44	1709.612	1107.112	80.42439	103.4241	77.69856	73.51187	62.10615	0	37.89385	19.18512	18.70873	32.98286	2
1710.445	1709.617	1107.117	82.72585	148.3624	79.29815	76.13161	54.55317	0.601154	44.84568	23.03164	21.81404	31.8808	2
1710.45	1709.623	1107.123	92.64168	236.5672	91.45015	90.89519	6.754759	15.04685	78.19839	73.31786	4.880523	-9999	2
1710.455	1709.628	1107.128	85.70468	99.31454	83.8929	81.74651	51.15889	1.789678	47.05143	22.23638	24.81506	32.33352	2
1710.46	1709.633	1107.133	82.72585	85.94028	81.5588	79.71437	52.1393	2.178732	45.68197	28.00391	17.67806	32.40314	2
1710.465	1709.638	1107.138	83.33794	62.26225	82.11376	79.95105	57.74901	0.557161	41.69383	17.79288	23.90095	33.80843	2
1710.47	1709.644	1107.144	83.22368	75.2835	82.8401	77.9842	48.18832	3.788996	48.02269	29.40683	18.61585	32.65769	2
1710.475	1709.649	1107.149	85.4272	59.36493	84.83959	84.7743	51.5946	2.841107	45.56429	13.46489	32.09941	32.59064	2
1710.48	1709.654	1107.154	84.34176	66.38509	82.87275	80.72636	57.72524	0.346886	41.92788	11.17447	30.75341	33.80759	8
1710.485	1709.659	1107.159	92.53559	343.7212	86.54528	79.64908	18.11162	3.388739	78.49964	51.84247	26.65717	29.61984	8
1710.49	1709.665	1107.165	104.002	216.7123	106.6789	107.846	0	52.5799	47.4201	47.4201	0	-9999	8
1710.495	1709.67	1107.17	95.56339	158.4597	91.84189	87.91636	42.57606	0	57.42394	14.39775	43.02619	30.17693	8
1710.5	1709.675	1107.175	86.55344	148.6355	82.32595	79.73069	57.16412	0	42.83588	27.54047	15.29541	29.93943	8
1710.505	1709.68	1107.18	85.52513	207.7073	80.13875	78.21271	52.79615	0	47.20385	17.82259	29.38127	29.57481	8
1710.51	1709.686	1107.186	96.76308	360.8786	99.78272	88.69167	0	50.64649	49.35351	49.35351	0	-9999	8
1710.515	1709.691	1107.191	87.69601	137.9054	85.12523	80.88142	45.87005	2.212758	51.91719	30.29746	21.61974	31.67156	8
1710.52	1709.696	1107.196	88.92018	172.6399	86.03113	81.012	38.80479	3.527396	57.66782	29.86414	27.80368	30.85118	8
1710.525	1709.701	1107.201	84.07244	119.982	82.52182	81.86892	45.63504	3.680489	50.68447	30.47227	20.2122	30.93195	8
1710.53	1709.707	1107.207	92.95181	130.3657	93.53941	93.11503	18.38189	16.38407	65.23404	46.99836	18.23568	30.46984	8
1710.535	1709.712	1107.212	86.61873	90.56932	84.93753	83.15839	51.42232	1.761191	46.81649	14.29817	32.51833	32.50948	8
1710.54	1709.717	1107.217	84.72534	135.2279	84.44786	83.19103	31.47801	8.689462	59.83253	38.04044	21.79209	30.08819	8
1710.545	1709.722	1107.222	87.73681	93.99281	86.19435	80.57946	48.48996	2.674285	48.83575	27.7843	21.05146	32.85205	8
1710.55	1709.728	1107.228	85.14972	95.7645	85.03546	83.68887	39.37274	6.711865	53.9154	19.15561	34.75979	30.98975	8
1710.555	1709.733	1107.233	83.15839	82.80319	83.55013	83.493	40.41995	6.550686	53.02937	35.84064	17.18873	30.93344	8
1710.56	1709.738	1107.238	84.12141	93.10697	82.60343	75.97655	51.84076	1.968308	46.19093	19.77011	26.42082	33.22649	8
1710.565	1709.743	1107.243	80.62842	49.27429	79.76334	79.13493	60.60188	0.010148	39.38797	26.61451	12.77346	34.10043	8
1710.57	1709.749	1107.249	87.1084	135.128	87.85107	80.34278	21.40362	13.33028	65.2661	33.01396	32.25214	31.52979	8
1710.575	1709.754	1107.254	96.68963	76.14937	97.2854	98.37083	28.00021	15.97553	56.02427	33.48653	22.53773	30.34212	8
1710.58	1709.759	1107.259	106.989	67.30424	107.7888	109.4945	19.08404	30.10709	50.80887	38.73974	12.06913	29.16918	8
1710.585	1709.764	1107.264	108.6702	67.49739	108.9477	109.6659	21.53854	27.42454	51.03692	38.18788	12.84904	29.45276	8
1710.59	1709.77	1107.27	108.8008	79.83262	109.6741	111.494	13.81609	34.94539	51.23852	38.29041	12.9481	28.92194	8
1710.595	1709.775	1107.275	94.29024	91.72159	92.6172	92.22546	44.02243	3.582805	52.39476	31.50674	20.88802	31.86106	8
1710.6	1709.78	1107.28	84.60292	68.19008	82.05663	80.13059	65.39705	0	34.60295	11.83452	22.76843	31.81186	8
1710.605	1709.785	1107.285	88.7488	147.1036	87.81026	84.69269	30.0257	8.687072	61.28723	26.34069	34.94654	30.48087	8
1710.61	1709.791	1107.291	99.99491	239.8509	102.0597	106.3361	0	41.10527	58.89473	58.89473	0	-9999	8
1710.615	1709.796	1107.296	110.8656	92.83389	111.9102	111.9755	7.441953	42.01626	50.54179	50.54179	0	-9999	8
1710.62	1709.801	1107.301	112.9875	113.2549	114.7177	118.2678	0	57.87417	42.12583	42.12583	0	-9999	8
1710.625	1709.806	1107.306	115.7378	62.06243	116.7335	117.1579	10.78569	51.23648	37.97782	23.06529	14.91253	27.14524	8
1710.63	1709.812	1107.312	111.29	95.71122	112.6121	113.1262	4.204737	46.67549	49.11977	49.11977	0	-9999	8
1710.635	1709.817	1107.317	91.89902	93.97949	90.85438	89.1895	40.80576	5.795286	53.39895	30.79673	22.60222	31.54033	8

1710.64	1709.822	1107.322	91.31957	131.3115	89.09973	84.31728	41.41237	3.32132	55.26631	22.16238	33.10392	31.76806	8
1710.645	1709.827	1107.327	98.11784	248.1831	96.93446	103.2349	0	18.10809	81.89191	81.89191	0	-9999	8
1710.65	1709.833	1107.333	113.2568	279.7672	119.949	122.6177	0	100	0	0	0	-9999	8
1710.655	1709.838	1107.338	112.6447	101.6923	113.6241	116.1949	4.167395	45.80401	50.02859	50.02859	0	-9999	8
1710.66	1709.843	1107.343	112.8406	63.37455	114.0566	116.3091	11.42588	46.91624	41.65788	36.40606	5.251822	27.50459	8
1710.665	1709.848	1107.348	112.808	87.65869	113.5506	117.8026	9.247598	42.04797	48.70443	38.77143	9.933001	27.92298	8
1710.67	1709.854	1107.354	102.8921	77.35491	102.8758	100.5499	26.74585	18.0165	55.23765	35.60301	19.63464	30.83629	8
1710.675	1709.859	1107.359	88.76512	88.45795	86.77379	84.72534	52.36206	0.932948	46.70499	27.90112	18.80387	32.91521	8
1710.68	1709.864	1107.364	92.01327	99.42111	90.48713	88.65903	43.11547	4.142002	52.74253	19.31287	33.42965	31.77268	8
1710.685	1709.869	1107.369	90.47081	101.8056	89.23031	83.14207	41.74378	5.027416	53.2288	24.21281	29.01599	32.27875	8
1710.69	1709.875	1107.375	86.87173	71.20062	85.91687	86.21067	50.24761	2.903244	46.84914	22.09191	24.75724	32.24667	8
1710.695	1709.88	1107.38	84.72534	46.357	84.90488	85.10891	49.44281	4.137738	46.41945	17.02355	29.3959	32.39305	8
1710.7	1709.885	1107.385	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1711	1710.2	1107.7	104.1734	42.85358	104.4183	106.279	31.8924	19.26794	48.83966	22.94002	25.89964	30.16344	8
1711.005	1710.205	1107.705	108.05	79.42633	107.9602	108.9069	22.06858	23.52791	54.40352	26.35722	28.0463	29.76799	8
1711.01	1710.21	1107.71	104.7855	93.17357	104.1734	103.1125	25.793	16.07372	58.13328	24.66908	33.46419	30.71773	8
1711.015	1710.215	1107.715	108.711	76.72217	108.8253	110.3188	20.53358	26.37454	53.09188	38.78128	14.3106	29.4311	8
1711.02	1710.22	1107.72	101.2354	60.13755	101.1456	100.9498	33.00588	14.67034	52.32378	37.66701	14.65677	30.88376	8
1711.025	1710.225	1107.725	103.847	87.63205	104.1489	103.6838	20.9136	22.37405	56.71235	26.47292	30.23943	30.21098	8
1711.03	1710.23	1107.73	100.0031	33.41567	99.93778	100.0765	40.41658	11.92064	47.66279	16.70664	30.95615	31.62067	8
1711.035	1710.235	1107.735	104.7121	43.35312	106.2382	106.736	21.34585	31.51651	47.13765	16.67997	30.45768	29.31783	8
1711.04	1710.24	1107.74	101.9862	196.218	102.4596	101.5292	0	28.8453	71.1547	71.1547	0	-9999	8
1711.045	1710.245	1107.745	81.9995	52.85098	80.85694	80.76716	60.6254	0	39.3746	24.55358	14.82102	33.82644	8
1711.05	1710.25	1107.75	87.8021	60.43061	87.46749	85.67203	47.19107	4.689887	48.11904	16.99682	31.12222	32.40842	8
1711.055	1710.255	1107.755	87.26346	72.65927	86.65954	86.64321	46.81451	4.33854	48.84695	30.00732	18.83963	31.85196	8
1711.06	1710.26	1107.76	102.6799	151.9124	101.8475	102.125	15.22307	16.606	68.17094	57.56727	10.60366	30.61984	8
1711.065	1710.265	1107.765	102.0842	109.0988	100.6478	97.63633	30.81251	8.980565	60.20693	25.8225	34.38443	31.52559	8
1711.07	1710.27	1107.77	98.44428	86.4598	97.59552	94.72278	35.0859	9.350113	55.56399	28.96543	26.59856	31.60756	8
1711.075	1710.275	1107.775	94.36369	91.44185	94.14334	91.74395	32.7642	10.70582	56.52998	29.69078	26.8392	31.17236	8
1711.08	1710.28	1107.78	95.48994	169.576	91.73579	85.71284	40.20647	0	59.79353	30.77402	29.01951	31.06797	8
1711.085	1710.285	1107.785	94.56772	185.055	92.8702	88.00613	21.37021	9.841293	68.7885	51.2763	17.5122	30.93737	8
1711.09	1710.29	1107.79	93.25377	106.9941	93.73528	94.94314	24.58226	14.51379	60.90395	42.9937	17.91025	30.16072	8
1711.095	1710.295	1107.795	96.41215	115.1665	96.43663	96.55089	23.24078	15.04615	61.71307	29.19314	32.51993	30.36297	8
1711.1	1710.3	1107.8	93.94747	82.41022	93.0579	90.69932	40.51921	6.561677	52.91911	25.19811	27.721	31.84105	8
1711.105	1710.305	1107.805	95.23694	96.89013	93.80873	91.14003	40.00321	5.409389	54.5874	26.34105	28.24635	31.84677	8
1711.11	1710.31	1107.81	94.78807	220.5354	92.35604	86.22699	18.27365	8.817782	72.90857	39.80928	33.09929	31.07518	8
1711.115	1710.315	1107.815	97.84852	262.6963	95.04107	85.55778	8.164563	9.968405	81.86703	70.5381	11.32893	32.62078	8
1711.12	1710.32	1107.82	99.83168	164.4674	97.81587	89.38537	23.97627	8.103002	67.92073	50.21944	17.70128	32.13115	8
1711.125	1710.325	1107.825	88.11223	93.94619	87.47565	87.76946	41.13521	5.9787	52.88609	31.97322	20.91288	30.98447	8
1711.13	1710.33	1107.83	88.58558	154.4567	86.79012	80.08162	35.03756	6.047316	58.91513	22.54196	36.37316	31.1661	8
1711.135	1710.335	1107.835	96.94263	154.5034	97.35068	96.55905	10.26052	20.37888	69.36061	57.22365	12.13695	30.94695	8
1711.14	1710.34	1107.84	99.69294	136.1803	100.6804	103.3655	7.673699	25.81353	66.51277	58.79653	7.716244	-9999	8
1711.145	1710.345	1107.845	105.6343	147.6764	106.1321	109.0783	3.220583	30.51764	66.26178	66.26178	0	-9999	8
1711.15	1710.35	1107.85	99.57869	131.4447	99.32569	94.82888	18.5387	16.92459	64.5367	37.92279	26.61391	31.27407	8
1711.155	1710.355	1107.855	86.97782	128.2877	84.89672	81.82812	45.06332	3.080201	51.85648	29.67834	22.17813	31.43189	8
1711.16	1710.36	1107.86	93.18848	128.341	92.65801	91.01761	27.31928	11.00635	61.67437	34.7794	26.89497	30.58191	8
1711.165	1710.365	1107.865	92.30707	144.2795	91.42567	93.07423	26.99276	10.06542	62.94182	28.15848	34.78333	29.81132	8
1711.17	1710.37	1107.87	97.93829	128.9204	97.65265	95.04923	20.91175	15.29224	63.796	49.78904	14.00697	30.87924	8
1711.175	1710.375	1107.875	92.8702	86.00023	92.60088	93.06606	35.83459	9.205962	54.95945	30.41723	24.54222	30.82711	8
1711.18	1710.38	1107.88	95.47361	106.9808	95.74293	96.3387	24.18771	15.13335	60.67894	33.48205	27.19688	30.28649	8
1711.185	1710.385	1107.885	103.7735	139.3041	105.3486	108.7437	0	36.75112	63.24888	63.24888	0	-9999	8
1711.19	1710.39	1107.89	106.6218	90.63593	107.9439	106.7605	9.727698	36.29595	53.97636	43.24983	10.72653	29.84161	8
1711.195	1710.395	1107.895	98.38715	74.97712	98.34635	96.05306	31.6556	13.50836	54.83604	24.63045	30.20558	31.18527	8
1711.2	1710.4	1107.9	88.78144	56.75402	88.24281	85.49249	48.76104	4.097806	47.14115	31.68318	15.45797	32.88501	8
1711.205	1710.405	1107.905	79.67357	71.38712	78.16375	74.59731	61.12573	0	38.87427	14.75505	24.11922	33.95596	8
1711.21	1710.41	1107.91	87.27163	200.6605	87.01047	86.42286	13.17423	14.19088	72.63489	51.00856	21.62633	30.09253	8
1711.215	1710.415	1107.915	98.57486	225.8239	100.7784	108.5478	0	38.88165	61.11835	61.11835	0	-9999	8
1711.22	1710.42	1107.92	88.3489	180.7124	86.62689	85.27214	28.33219	8.032881	63.63493	38.63416	25.00077	29.69832	8
1711.225	1710.425	1107.925	107.8704	140.9026	111.0043	112.808	0	62.60468	37.39532	37.39532	0	-9999	8
1711.23	1710.43	1107.93	105.3078	167.478	108.303	110.6452	0	55.61484	44.38516	44.38516	0	-9999	8
1711.235	1710.435	1107.935	101.6108	162.2895	105.618	105.2181	0	55.33864	44.66136	44.66136	0	-9999	8
1711.24	1710.44	1107.94	91.40118	163.0221	89.24663	80.60394	33.15734	5.7312	61.11146	33.67621	27.43525	31.6037	8
1711.245	1710.445	1107.945	89.26295	132.0508	87.98981	81.82812	35.78865	6.586143	57.62521	37.46025	20.16496	31.42673	8
1711.25	1710.45	1107.95	85.72916	78.16749	86.22699	83.99083	38.35444	7.829016	53.81654	22.09061	31.72594	31.34946	8
1711.255	1710.455	1107.955	89.75262	107.1073	89.91585	88.80593	30.24263	10.74568	59.01169	38.59438	20.41731	30.5855	8
1711.26	1710.46	1107.96	93.36803	173.6989	93.52309	96.0857	10.86455	17.48215	71.6533	52.24432	19.40898	30.19528	8
1711.265	1710.465	1107.965	90.54426	239.6644	86.48815	79.44505	30.13534	3.875085	65.98958	27.763	38.22658	30.23121	8
1711.27	1710.47	1107.97	93.99644	141.6353	94.37185	93.46596	16.33807	16.88366	66.77827	47.26427	19.514	30.6003	8
1711.275	1710.475	1107.975	92.27443	148.6221	91.93982	85.90871	21.73418	12.80061	65.46521	40.30601	25.15919	31.24998	8
1711.28	1710.48	1107.98	94.17598	182.7172	95.75109	98.91763	0	26.2089	73.7911	73.7911	0	-9999	8
1711.285	1710.485	1107.985	91.68682	172.4467	91.69499	91.05025	13.85277	15.62536	70.52187	43.77538	26.74649	30.49147	8
1711.29	1710.49	1107.99	89.00996	146.8505	88.25913	87.39404	28.39195	9.466393	62.14165	29.14272	32.99893	30.06736	8
1711.295	1710.495	1107.995	88.67535	175.8835	86.5616	86.10458	32.2364	6.393691	61.36991	24.90336	36.46655	29.65392	8

1711.3	1710.5	1108	99.56236	300.1283	104.4836	110.8738	0	67.15909	32.84091	32.84091	0	-9999	8
1711.305	1710.505	1108.005	99.47259	302.8324	104.8508	110.2454	0	71.01865	28.98135	28.98135	0	-9999	8
1711.31	1710.51	1108.01	90.47897	157.3607	90.33207	86.69218	19.81654	13.25072	66.93274	49.09916	17.83358	30.74135	8
1711.315	1710.515	1108.015	82.88091	53.85671	82.5463	82.79114	53.30945	2.367919	44.32263	14.90352	29.41911	32.7287	8
1711.32	1710.52	1108.02	76.98854	162.4094	72.70392	68.19894	63.07329	0.378302	36.54841	24.70115	11.84725	32.63604	8
1711.325	1710.525	1108.025	82.23618	184.9951	79.73069	74.16477	38.9914	5.336477	55.67212	38.13222	17.5399	30.05842	8
1711.33	1710.53	1108.03	86.10458	199.435	87.32875	80.07346	3.033144	18.7933	78.17356	75.83893	2.334623	-9999	8
1711.335	1710.535	1108.035	86.61873	145.6715	86.43918	85.22317	26.44974	10.48306	63.0672	31.33204	31.73516	30.0437	8
1711.34	1710.54	1108.04	89.7363	116.2055	89.68734	87.81026	29.70036	10.48269	59.81695	36.47849	23.33846	30.62633	8
1711.345	1710.545	1108.045	89.19766	164.7605	89.24663	88.26729	17.68661	13.86618	68.44721	54.52543	13.92177	30.25673	8
1711.35	1710.55	1108.05	92.63352	210.9776	94.26576	98.66463	0	26.78453	73.21547	73.21547	0	-9999	8
1711.355	1710.555	1108.055	98.66463	191.4224	100.7131	106.8829	0	35.60298	64.39702	64.39702	0	-9999	8
1711.36	1710.56	1108.06	100.9008	116.1589	102.0189	102.4514	10.39567	26.97565	62.62868	50.83092	11.79776	30.43026	8
1711.365	1710.565	1108.065	97.09769	104.0701	95.40832	93.35171	38.57773	5.14044	56.28183	38.41846	17.86337	31.69834	8
1711.37	1710.57	1108.07	89.15686	67.77047	88.68351	89.00996	45.24369	5.250223	49.50609	27.18972	22.31637	31.75348	8
1711.375	1710.575	1108.075	86.00664	152.6917	83.81128	82.44837	40.93652	4.265296	54.79818	19.30955	35.48863	30.30099	8
1711.38	1710.58	1108.08	96.38767	338.0198	97.83219	100.0847	0	38.44897	61.55103	61.55103	0	-9999	8
1711.385	1710.585	1108.085	105.6506	309.9858	111.1104	117.5578	0	93.66924	6.330762	6.330762	0	-9999	8
1711.39	1710.59	1108.09	100.7457	145.9513	102.7697	103.3818	0	35.70664	64.29336	64.29336	0	-9999	8
1711.395	1710.595	1108.095	103.8143	144.9256	105.3078	107.1115	0	36.47635	63.52365	63.52365	0	-9999	8
1711.4	1710.6	1108.1	95.75925	94.19263	95.78374	95.00026	28.91712	13.1399	57.94298	31.28921	26.65377	30.69734	8
1711.405	1710.605	1108.105	92.65801	144.3195	93.82505	91.24612	10.78469	19.95584	69.25947	59.23036	10.02911	31.30236	8
1711.41	1710.61	1108.11	94.33105	147.2701	93.88218	93.78425	21.05478	13.30077	65.64444	35.16499	30.47945	30.25809	8
1711.415	1710.615	1108.115	87.54911	108.3062	86.43918	84.92937	41.84661	5.079635	53.07376	23.79483	29.27893	31.15967	8
1711.42	1710.62	1108.12	79.39609	69.24244	80.22853	79.24102	43.74752	5.203517	51.04897	35.12449	15.92448	31.4322	8
1711.425	1710.625	1108.125	86.07193	190.9762	85.4272	73.53636	19.59427	11.76069	68.64504	36.16455	32.48049	31.67417	8
1711.43	1710.63	1108.13	79.83679	97.79595	77.93523	72.99772	57.62059	0.699138	41.68027	12.62924	29.05103	33.36945	8
1711.435	1710.635	1108.135	77.16808	109.5584	74.73605	72.89162	61.34049	0.195601	38.46391	21.65769	16.80622	32.98362	8
1711.44	1710.64	1108.14	72.22241	66.65817	70.96558	71.50422	67.16448	0	32.83552	21.09166	11.74386	32.80661	8
1711.445	1710.645	1108.145	77.63327	216.7922	75.38894	65.88933	33.50719	7.824521	58.66829	22.17579	36.49251	29.61602	8
1711.45	1710.65	1108.15	91.2298	268.1979	97.15482	75.67459	0	52.0824	47.9176	47.9176	0	-9999	8
1711.455	1710.655	1108.155	95.34303	142.7543	97.17114	91.97247	3.570069	26.31258	70.11735	70.11735	0	-9999	8
1711.46	1710.66	1108.16	86.98598	156.1818	82.62791	78.26168	55.95195	0	44.04805	21.88998	22.15807	30.04951	8
1711.465	1710.665	1108.165	82.87275	101.1062	80.04082	77.41292	61.23682	0	38.76318	16.83004	21.93314	32.26711	8
1711.47	1710.67	1108.17	86.20251	53.62359	85.60674	82.75033	52.33397	2.696615	44.96942	19.3125	25.65691	33.3341	8
1711.475	1710.675	1108.175	87.14921	59.31165	86.77379	86.56976	48.37877	4.194167	47.42706	23.34379	24.08327	32.24811	8
1711.48	1710.68	1108.18	84.52131	159.885	81.28132	80.26933	48.65814	1.745367	49.5965	26.379	23.2175	30.6841	8
1711.485	1710.685	1108.185	91.49096	169.3829	89.90769	85.23949	27.108	8.48913	64.40287	30.83793	33.56494	30.69687	8
1711.49	1710.69	1108.19	100.1173	93.55322	100.7702	99.61133	20.19225	21.07539	58.73236	29.54214	29.19022	30.48367	8
1711.495	1710.695	1108.195	87.20634	117.3711	85.71284	83.85209	42.94095	4.302074	52.75697	35.90807	16.8489	31.17389	8
1711.5	1710.7	1108.2	84.92937	89.87663	84.80695	84.32544	41.06358	6.198047	52.73838	35.34075	17.39763	31.01499	2
1711.505	1710.705	1108.205	90.38104	158.1666	91.67866	91.28693	8.516509	19.51539	71.9681	69.48214	2.485959	31.08088	2
1711.51	1710.71	1108.21	93.2048	153.3644	93.0171	88.43867	18.59212	14.3367	67.07118	34.13785	32.93333	31.0924	2
1711.515	1710.715	1108.215	95.57155	257.6677	94.58404	85.70468	0	18.64267	81.35733	81.35733	0	-9999	2
1711.52	1710.72	1108.22	93.90667	113.7545	94.2576	93.92299	23.35757	14.80784	61.83459	32.11869	29.7159	30.41668	2
1711.525	1710.725	1108.225	86.83092	73.22541	85.81893	83.17471	50.2379	2.835703	46.9264	26.14915	20.77725	32.75	2
1711.53	1710.73	1108.23	85.81077	40.52907	86.19435	87.20634	48.27334	4.940172	46.78649	15.17895	31.60753	32.20251	2
1711.535	1710.735	1108.235	92.85387	77.14844	92.96813	92.02143	35.01903	10.42005	54.56092	33.4679	21.09302	31.08258	2
1711.54	1710.74	1108.24	88.76512	128.3143	89.56492	91.2298	21.08561	14.15541	64.75898	47.97656	16.78242	29.94182	2
1711.545	1710.745	1108.245	88.93651	171.4543	88.97731	81.57512	16.37023	14.14657	69.4832	52.25317	17.23003	31.45755	2
1711.55	1710.75	1108.25	91.14003	103.5906	91.14819	89.21399	31.01901	10.65434	58.32665	32.75146	25.57519	30.82767	2
1711.555	1710.755	1108.255	93.98828	161.0173	91.55625	83.37874	33.41284	4.724587	61.86257	28.10072	33.76185	31.81063	2
1711.56	1710.76	1108.26	96.62434	197.4968	97.92197	96.51824	0	28.33971	71.66029	71.66029	0	-9999	2
1711.565	1710.765	1108.265	94.24944	74.31107	93.59654	92.45398	40.36717	7.315526	52.3173	27.04862	25.26868	31.65715	2
1711.57	1710.77	1108.27	98.34635	50.25339	98.75441	97.10585	34.19758	14.6471	51.15531	31.72807	19.42724	31.23611	2
1711.575	1710.775	1108.275	96.15915	37.6917	96.58353	96.06938	39.12323	11.89821	48.97855	21.93214	27.04641	31.56319	2
1711.58	1710.78	1108.28	91.15635	105.3423	88.6427	83.77864	50.12407	0.405767	49.47017	23.47932	25.99084	33.11161	2
1711.585	1710.785	1108.285	90.5769	52.23821	90.55242	89.94033	44.21735	6.725505	49.05715	16.55368	32.50347	32.01523	2
1711.59	1710.79	1108.29	84.60292	71.4071	83.20736	80.91406	55.7004	0.952376	43.34722	21.83142	21.5158	33.40645	2
1711.595	1710.795	1108.295	78.22904	65.60581	77.17624	74.89111	60.31182	0.172586	39.51559	15.39637	24.11922	33.86541	2
1711.6	1710.8	1108.3	81.73018	52.69112	80.97119	80.29381	57.93915	0.784435	41.27641	22.12094	19.15548	33.61415	2
1711.605	1710.805	1108.305	92.46214	59.33829	92.3234	92.28259	41.6502	7.780037	50.56976	34.45339	16.11637	31.61654	2
1711.61	1710.81	1108.31	87.83475	64.65336	86.56976	84.75798	53.34954	1.674248	44.97621	31.61766	13.35856	33.25744	2
1711.615	1710.815	1108.315	88.78961	175.8302	87.39404	80.14691	26.57825	8.963196	64.45855	41.80988	22.64868	30.89686	2
1711.62	1710.82	1108.32	93.44964	118.943	93.70264	94.60037	23.2814	14.32813	62.39047	37.02236	25.36812	30.15835	2
1711.625	1710.825	1108.325	88.51212	88.09162	87.41853	87.46749	45.72606	4.058978	50.21496	29.93049	20.28447	31.58592	2
1711.63	1710.83	1108.33	90.98496	252.2394	87.72049	77.47821	20.55157	7.489566	71.95886	50.7241	21.23476	30.95334	2
1711.635	1710.835	1108.335	91.76844	154.5034	89.90769	82.61159	32.60404	6.406232	60.98973	29.85505	31.13468	31.45044	2
1711.64	1710.84	1108.34	91.42567	111.1502	90.73197	90.75645	34.36621	8.270922	57.36287	39.66927	17.6936	30.55551	2
1711.645	1710.845	1108.345	95.88983	104.1967	95.63684	93.73528	28.52648	12.38166	59.09186	41.80109	17.29077	30.86477	2
1711.65	1710.85	1108.35	91.79292	99.94729	91.30325	89.01812	35.15822	8.572414	56.26937	20.76751	35.50186	31.13979	2
1711.655	1710.855	1108.355	99.89697	222.6601	99.85617	95.36752	0	24.76667	75.23333	75.23333	0	-9999	2
1711.66	1710.86	1108.36	96.86917	148.1692	97.33436	97.16298	11.4182	20.22564	68.35615	48.08106	20.2751	30.74494	2

1711.665	1710.865	1108.365	94.95946	69.90183	94.05357	93.30274	42.74171	6.101793	51.15649	27.08131	24.07518	31.92282	2
1711.67	1710.87	1108.37	89.5894	74.56417	89.56492	88.80593	39.72297	7.692964	52.58407	32.50607	20.078	31.33592	2
1711.675	1710.875	1108.375	89.35273	106.8942	89.05892	87.97349	34.20407	8.681036	57.11489	38.89252	18.22237	30.69574	2
1711.68	1710.88	1108.38	89.99746	102.9112	89.15686	88.75696	38.81249	6.526424	54.66109	38.51494	16.14615	30.92322	2
1711.685	1710.885	1108.385	88.12039	176.0434	85.01098	81.91789	40.42468	3.048695	56.52663	37.95702	18.56961	30.45489	2
1711.69	1710.89	1108.39	92.4703	190.3035	90.3892	81.49351	25.00242	8.031322	66.96626	46.6761	20.29016	31.37755	2
1711.695	1710.895	1108.395	102.6881	173.4125	104.1408	100.4846	0	36.15725	63.84275	63.84275	0	-9999	2
1711.7	1710.9	1108.4	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1712.005	1711.205	1108.705	93.21297	156.1485	89.95665	89.14054	41.69255	0.855997	57.45145	20.40207	37.04938	31.01928	2
1712.01	1711.21	1108.71	93.7516	199.5815	91.50728	87.45933	22.84331	8.138202	69.01849	44.40714	24.61135	30.5648	2
1712.015	1711.215	1108.715	95.69396	227.6222	94.17598	88.7488	8.641324	13.93451	77.42417	73.48791	3.936261	31.7288	2
1712.02	1711.22	1108.72	106.4014	205.9823	109.3639	113.9587	0	60.79838	39.20162	39.20162	0	-9999	2
1712.025	1711.225	1108.725	104.7366	206.615	107.9276	110.7269	0	58.75719	41.24281	41.24281	0	-9999	2
1712.03	1711.23	1108.73	102.9656	143.4936	103.5613	104.9243	5.929037	27.46424	66.60672	52.36924	14.23748	-9999	2
1712.035	1711.235	1108.735	93.94747	96.42389	92.16833	90.15252	44.02206	3.318735	52.6592	35.41714	17.24207	32.08696	2
1712.04	1711.24	1108.74	92.98445	120.002	90.74013	86.34125	42.80733	2.666243	54.52642	33.19809	21.32833	32.1044	2
1712.045	1711.245	1108.745	94.42898	101.2594	92.71513	90.00562	41.90288	4.070826	54.02629	33.86727	20.15902	31.96791	2
1712.05	1711.25	1108.75	92.70697	70.47463	91.80924	90.2423	44.61213	5.1779	50.20997	29.43448	20.77549	32.18003	2
1712.055	1711.255	1108.755	91.8174	89.51031	91.55625	89.62205	35.89047	8.894714	55.21482	35.12826	20.08656	31.20304	2
1712.06	1711.26	1108.76	90.96048	97.49623	90.71564	88.71615	34.61975	9.048454	56.3318	26.51913	29.81267	31.0384	2
1712.065	1711.265	1108.765	93.78425	112.469	92.85387	92.93549	33.7114	8.322843	57.96576	33.00319	24.96257	30.62282	2
1712.07	1711.27	1108.77	94.06989	86.91272	92.98445	91.45831	40.83496	5.976705	53.18833	23.12813	30.0602	31.69306	2
1712.075	1711.275	1108.775	89.1487	102.2252	86.87173	84.7743	50.89122	0.903029	48.20575	28.04637	20.15938	32.5436	2
1712.08	1711.28	1108.78	89.05076	221.4612	84.11325	78.66158	42.74542	0.182046	57.07254	33.16225	23.91028	30.52591	2
1712.085	1711.285	1108.785	95.58787	200.6406	92.60088	86.83908	26.65334	4.905698	68.44096	33.65213	34.78883	31.063	2
1712.09	1711.29	1108.79	92.18466	140.1433	90.41368	86.14538	35.00049	5.898395	59.10111	40.01981	19.0813	31.17115	2
1712.095	1711.295	1108.795	87.23082	90.46942	85.85158	83.86025	48.54316	2.874131	48.58271	30.4889	18.09381	32.18542	2
1712.1	1711.3	1108.8	84.89672	103.8104	83.01965	81.76283	51.32021	1.780369	46.89942	27.44705	19.45237	32.03803	2
1712.105	1711.305	1108.805	87.5083	150.6869	85.55778	81.86076	38.14268	5.087874	56.76944	25.43974	31.3297	30.71208	2
1712.11	1711.31	1108.81	88.17752	139.4773	87.52462	85.49249	30.18311	9.017408	60.79948	33.27003	27.52945	30.32719	2
1712.115	1711.315	1108.815	94.66566	212.5895	93.25377	95.76742	12.40305	13.10498	74.49197	48.94771	25.54427	29.9029	2
1712.12	1711.32	1108.82	94.6983	176.1899	93.3109	90.20965	20.99196	10.77834	68.22969	46.01674	22.21295	30.67548	2
1712.125	1711.325	1108.825	85.70468	84.78136	84.2275	81.46086	52.0827	1.835991	46.0813	18.6037	27.47761	32.78855	2
1712.13	1711.33	1108.83	85.45984	100.6933	83.71335	79.54299	50.54449	2.041874	47.41363	29.86797	17.54566	32.56528	2
1712.135	1711.335	1108.835	86.56976	78.2008	86.31677	83.03597	43.39195	5.654732	50.95332	29.93242	21.0209	31.96453	2
1712.14	1711.34	1108.84	88.77328	60.66373	87.42669	85.65571	54.08407	1.362978	44.55295	25.66448	18.88847	33.48843	2
1712.145	1711.345	1108.845	89.27111	217.2119	83.87657	79.69805	47.113	0	52.887	25.45805	27.42895	28.62437	2
1712.15	1711.35	1108.85	88.38971	172.8663	87.0676	84.24383	27.09418	8.923889	63.98193	41.50256	22.47936	30.07604	2
1712.155	1711.355	1108.855	90.69932	86.88607	90.20965	90.90335	39.32514	7.167923	53.50693	20.96232	32.54461	30.95466	2
1712.16	1711.36	1108.86	90.683	111.0237	89.36905	87.62256	39.88702	5.420696	54.69228	22.03508	32.6572	31.21465	2
1712.165	1711.365	1108.865	96.90182	166.0127	96.59169	92.89468	13.07873	16.91838	70.0029	60.22	9.782898	31.27662	2
1712.17	1711.37	1108.87	90.08723	96.12417	88.90386	86.92069	43.02882	4.750125	52.22105	23.06529	29.15576	31.67116	2
1712.175	1711.375	1108.875	87.75313	125.437	85.92503	83.19103	43.07918	3.830736	53.09009	17.48331	35.60678	31.2757	2
1712.18	1711.38	1108.88	91.16451	190.5632	88.44684	83.15839	31.07432	5.3747	63.55098	25.24901	38.30197	30.5919	2
1712.185	1711.385	1108.885	85.31294	140.3765	82.32595	79.39609	50.69018	1.094003	48.21581	26.60593	21.60989	31.70447	2
1712.19	1711.39	1108.89	85.1742	118.8831	84.06428	79.3308	41.47192	5.147645	53.38044	33.39793	19.98251	31.40613	2
1712.195	1711.395	1108.895	94.10253	148.2159	93.08239	88.65903	25.46358	10.44211	64.09431	47.31573	16.77858	30.9934	8
1712.2	1711.4	1108.9	95.18797	152.5718	95.63684	93.53941	12.02598	18.96407	69.00994	42.35685	26.6531	31.05189	8
1712.205	1711.405	1108.905	95.38384	249.7017	94.83704	93.63735	0	20.3123	79.6877	79.6877	0	-9999	8
1712.21	1711.41	1108.91	88.57741	124.5645	86.58609	83.72967	43.79697	3.342467	52.86056	33.16127	19.69929	31.45153	8
1712.215	1711.415	1108.915	91.95614	157.4539	91.2706	88.40603	22.60942	11.66803	65.72255	35.98671	29.73585	30.55134	8
1712.22	1711.42	1108.92	98.1668	138.3517	97.65265	96.7794	20.19013	14.70429	65.10558	39.26049	25.84508	30.56479	8
1712.225	1711.425	1108.925	95.392	142.5211	93.78425	91.28693	30.20933	7.642542	62.14813	36.18292	25.96521	30.86433	8
1712.23	1711.43	1108.93	94.34737	133.4229	93.7108	91.07474	25.84551	11.43729	62.7172	32.91411	29.80309	30.76079	8
1712.235	1711.435	1108.935	111.3226	269.3035	111.1349	109.0783	0	39.82952	60.17048	60.17048	0	-9999	8
1712.24	1711.44	1108.94	120.7651	264.1217	120.9447	125.9475	0	64.43582	35.56418	35.56418	0	-9999	8
1712.245	1711.445	1108.945	111.3145	268.2978	107.2665	105.6261	4.034206	0	95.96579	77.93239	18.0334	-9999	8
1712.25	1711.45	1108.95	99.15431	140.9026	97.24459	96.50192	29.4799	6.973875	63.54622	27.23641	36.30981	30.83988	8
1712.255	1711.455	1108.955	96.3795	89.9166	94.60037	93.58838	43.35936	3.501461	53.13918	30.17104	22.96814	32.06176	8
1712.26	1711.46	1108.96	101.4639	128.8472	99.88881	95.05739	27.67927	9.076779	63.24395	37.67857	25.56538	31.66734	8
1712.265	1711.465	1108.965	101.8312	112.7021	100.9498	97.25275	25.87231	13.01275	61.11493	32.12135	28.99358	31.28643	8
1712.27	1711.47	1108.97	94.5514	76.3625	93.86586	90.83806	39.84592	7.446906	52.70718	18.61275	34.09443	31.94653	8
1712.275	1711.475	1108.975	90.06275	79.43299	89.70366	90.08723	40.70245	6.903255	52.39429	22.19241	30.20188	31.176	8
1712.28	1711.48	1108.98	90.94416	151.666	90.11988	88.47132	26.01637	10.25261	63.73102	30.24268	33.48834	30.26891	8
1712.285	1711.485	1108.985	87.81026	143.9465	85.48433	77.59246	42.40552	3.427942	54.16654	28.21063	25.9559	31.91573	8
1712.29	1711.49	1108.99	89.61388	132.93	88.34074	83.23184	35.25303	6.745902	58.00107	36.58073	21.42034	31.21128	8
1712.295	1711.495	1108.995	90.02194	134.2421	88.93651	88.12039	33.10535	7.685431	59.20922	39.19961	20.00961	30.34027	8
1712.3	1711.5	1109	90.5769	158.3531	87.30427	84.45602	43.71071	1.153803	55.13549	23.21592	31.91957	31.22797	8
1712.305	1711.505	1109.005	89.24663	224.6849	83.46035	77.93523	48.363	0	51.637	17.84776	33.78924	27.97618	8
1712.31	1711.51	1109.01	97.7261	193.1209	98.18313	97.22011	0	24.00691	75.99309	75.99309	0	-9999	8
1712.315	1711.515	1109.015	102.5086	143.8666	104.4346	111.6736	0	37.85058	62.14942	62.14942	0	-9999	8
1712.32	1711.52	1109.02	99.71743	175.5971	99.5134	106.3443	7.346693	20.34177	72.31153	61.58134	10.73019	-9999	8
1712.325	1711.525	1109.025	89.96482	120.0819	88.455	83.99083	39.87363	5.070282	55.05608	23.99242	31.06367	31.56281	2

1712.33	1711.53	1109.03	83.9337	81.91735	83.41139	82.13008	47.00494	4.06539	48.92967	21.36219	27.56747	31.77913	2
1712.335	1711.535	1109.035	80.93039	69.57546	79.49402	78.56364	59.83863	0.035708	40.12566	13.79348	26.33217	33.64184	2
1712.34	1711.54	1109.04	82.61975	83.36267	81.9995	80.56313	48.623	3.475455	47.90155	27.74109	20.16046	31.89337	2
1712.345	1711.545	1109.045	82.51366	51.71869	82.79114	83.28897	49.42104	3.838043	46.74092	20.61261	26.1283	32.15096	2
1712.35	1711.55	1109.05	83.83577	103.9569	81.50983	78.278	55.73953	0.420182	43.84029	15.35871	28.48158	32.97593	2
1712.355	1711.555	1109.055	82.5463	169.5894	79.11044	74.31983	49.64467	2.027039	48.32829	23.0074	25.32089	31.08875	2
1712.36	1711.56	1109.06	82.35043	138.385	80.30198	78.19639	46.62398	3.344734	50.03129	26.15452	23.87677	30.82122	2
1712.365	1711.565	1109.065	84.68453	106.3547	83.37874	82.84826	46.47226	3.59402	49.93372	22.55153	27.38219	31.2454	2
1712.37	1711.57	1109.07	81.57512	62.08907	79.73069	76.58048	64.21964	0	35.78036	15.57905	20.2013	33.21718	2
1712.375	1711.575	1109.075	80.53049	59.17844	78.72687	75.51136	65.56883	0	34.43117	23.56053	10.87064	33.18463	2
1712.38	1711.58	1109.08	81.77915	80.91161	79.41241	75.34814	63.52483	0	36.47517	14.62706	21.84811	32.91665	2
1712.385	1711.585	1109.085	85.64755	99.04813	84.89672	84.86408	43.05353	5.070772	51.8757	34.82522	17.05048	30.99215	2
1712.39	1711.59	1109.09	91.10738	95.91104	92.87836	95.41648	19.24567	18.16792	62.5864	40.85881	21.7276	30.09555	2
1712.395	1711.595	1109.095	94.46163	79.30644	94.60037	94.58404	32.82791	11.79894	55.37315	22.12771	33.24544	30.77868	2
1712.4	1711.6	1109.1	89.56492	100.1937	89.10789	85.07627	36.89535	7.682093	55.42256	28.62949	26.79307	31.45913	2
1712.405	1711.605	1109.105	93.59654	181.5516	94.60037	94.11886	2.176049	22.49182	75.33213	75.33213	0	-9999	2
1712.41	1711.61	1109.11	96.44479	196.1714	97.61184	96.91814	0	27.25263	72.74737	72.74737	0	-9999	2
1712.415	1711.615	1109.115	93.71896	150.587	91.87453	84.4805	31.63082	6.623345	61.74584	27.57218	34.17366	31.63072	2
1712.42	1711.62	1109.12	87.31243	101.286	84.28463	81.24867	58.62678	0	41.37322	12.35272	29.0205	31.48716	2
1712.425	1711.625	1109.125	88.04694	158.0867	84.23567	78.97986	50.27719	0	49.72281	26.08394	23.63886	31.61083	2
1712.43	1711.63	1109.13	82.71769	88.64444	80.73452	79.76334	57.81732	0.193845	41.98884	17.2505	24.73833	33.07952	2
1712.435	1711.635	1109.135	82.12192	60.41063	80.76716	79.4777	60.32782	0	39.67218	20.08506	19.58712	33.82673	2
1712.44	1711.64	1109.14	85.00282	86.21336	83.02781	79.9184	56.24007	0.321077	43.43885	27.68348	15.75537	33.43853	2
1712.445	1711.645	1109.145	88.10407	197.9231	83.06046	78.46571	50.13485	0	49.86515	24.22405	25.6411	29.4269	2
1712.45	1711.65	1109.15	82.84826	79.69275	81.0528	79.84495	58.40877	0.097594	41.49364	9.853155	31.64048	33.39807	2
1712.455	1711.655	1109.155	81.16706	85.77377	79.51034	76.57232	57.40863	0.627008	41.96436	22.79406	19.1703	33.29375	2
1712.46	1711.66	1109.16	87.92452	231.3387	84.80695	76.35196	27.28664	6.763249	65.95011	39.11536	26.83475	30.26945	2
1712.465	1711.665	1109.165	91.90718	151.0466	90.92783	88.91202	26.48203	9.932465	63.58551	31.02908	32.55643	30.3955	2
1712.47	1711.67	1109.17	90.51978	95.03185	90.02194	90.74013	37.5823	7.600856	54.81685	19.50433	35.31252	30.72505	2
1712.475	1711.675	1109.175	93.417	130.5056	92.28259	91.62154	31.26564	8.431689	60.30267	29.54982	30.75285	30.49404	2
1712.48	1711.68	1109.18	96.54273	88.03168	95.72661	96.25709	36.20194	8.591365	55.20669	26.13894	29.06775	30.97829	2
1712.485	1711.685	1109.185	98.17496	163.0088	94.78807	92.82123	36.4793	0.157163	63.36353	36.92819	26.43535	31.40406	2
1712.49	1711.69	1109.19	94.73095	165.9194	91.70315	88.00613	36.16047	2.404986	61.43455	36.99298	24.44157	31.19234	2
1712.495	1711.695	1109.195	92.49478	142.0349	89.2956	85.60674	45.32602	0.190278	54.4837	21.39939	33.08431	31.99514	2
1712.5	1711.7	1109.2	93.0579	107.9399	90.5361	86.67586	47.80927	0.675646	51.51509	24.51072	27.00436	32.75583	2
1712.505	1711.705	1109.205	92.80491	113.0551	89.76079	86.33309	50.85208	0	49.14792	27.97901	21.16891	31.45894	2
1712.51	1711.71	1109.21	100.6478	244.0536	95.22062	88.47132	30.40374	0	69.59626	38.28672	31.30954	23.39387	2
1712.515	1711.715	1109.215	103.8143	277.1496	98.2729	89.74446	20.36678	0	79.63322	36.21106	43.42215	22.89358	2
1712.52	1711.72	1109.22	99.31753	160.671	96.67331	91.76844	30.23823	4.037399	65.72437	46.16651	19.55787	31.6574	2
1712.525	1711.725	1109.225	97.63633	187.6792	94.56772	88.00613	28.53789	3.537465	67.92465	43.54187	24.38278	31.59359	2
1712.53	1711.73	1109.23	98.0199	254.9835	94.58404	86.83908	14.74358	6.132683	79.12373	55.30798	23.81575	31.79632	2
1712.535	1711.735	1109.235	95.15533	306.3825	89.85872	82.24434	19.36124	2.012446	78.62631	41.60182	37.02449	30.62319	2
1712.54	1711.74	1109.24	102.7779	231.2455	99.9133	96.68147	11.6834	7.52351	80.79309	63.96576	16.82733	31.85827	2
1712.545	1711.745	1109.245	92.85387	158.2399	88.62638	86.7085	49.04345	0	50.95655	26.53539	24.42117	28.14159	2
1712.55	1711.75	1109.25	88.43867	91.94804	86.21067	84.42337	53.65201	0.306663	46.04132	20.77011	25.27121	32.98489	2
1712.555	1711.755	1109.255	91.14003	142.6477	88.7488	85.31294	40.16244	3.396504	56.44106	35.24904	21.19202	31.25108	2
1712.56	1711.76	1109.26	89.82608	98.14896	88.32442	85.12523	45.24581	3.586488	51.1677	31.79757	19.37013	32.09675	2
1712.565	1711.765	1109.265	90.9768	88.77099	88.79777	86.87173	51.70629	0.566673	47.72704	17.72827	29.99877	32.97357	2
1712.57	1711.77	1109.27	90.91967	51.30574	90.44632	89.94033	47.60636	4.93825	47.45539	18.54796	28.90742	32.45419	2
1712.575	1711.775	1109.275	88.74064	46.1039	88.10407	86.83908	52.1349	2.993124	44.87197	26.77148	18.10049	33.23331	2
1712.58	1711.78	1109.28	88.18568	85.99357	86.79828	85.60674	48.81109	2.776406	48.4125	17.49364	30.91887	32.19952	2
1712.585	1711.785	1109.285	95.44097	173.0795	95.09004	94.30656	13.02879	16.21181	70.7594	50.18018	20.57922	30.67907	2
1712.59	1711.79	1109.29	102.5494	147.9361	101.3007	99.30121	19.53117	13.18661	67.28222	49.22953	18.05269	31.00841	2
1712.595	1711.795	1109.295	98.28106	103.7371	95.98777	93.68631	42.25006	2.073157	55.67678	30.53857	25.13822	32.29419	2
1712.6	1711.8	1109.3	94.20047	52.39806	93.15584	92.37236	48.75113	3.897307	47.35156	27.16015	20.19141	32.84565	2
1712.605	1711.805	1109.305	93.0171	124.8442	90.64219	87.23898	42.61748	2.438329	54.94419	33.42819	21.51601	31.85532	2
1712.61	1711.81	1109.31	96.58353	169.5827	94.95946	91.87453	22.69072	9.752438	67.55684	47.07154	20.4853	30.81837	8
1712.615	1711.815	1109.315	107.9113	258.5335	111.0778	112.3265	0	71.05618	28.94382	28.94382	0	-9999	8
1712.62	1711.82	1109.32	108.9722	139.3907	109.7475	109.6088	0.004349	38.19998	61.79567	61.79567	0	-9999	8
1712.625	1711.825	1109.325	100.305	150.4405	101.4558	104.1	2.394649	28.73225	68.8731	68.8731	0	-9999	2
1712.63	1711.83	1109.33	92.2173	98.30215	89.42618	87.3614	53.00217	0	46.99783	21.08332	25.9145	31.69577	2
1712.635	1711.835	1109.335	94.09437	78.40727	92.05408	89.1895	50.27091	0.934471	48.79462	27.29075	21.50388	33.30369	2
1712.64	1711.84	1109.34	93.39251	94.0794	91.06657	86.69218	49.33768	0.61296	50.04936	25.17324	24.87612	33.23712	2
1712.645	1711.845	1109.345	96.13467	115.353	93.52309	90.25862	43.88041	0.963778	55.15581	23.49859	31.65722	32.39975	2
1712.65	1711.85	1109.35	96.81205	106.1149	95.98777	90.22597	31.64128	9.910856	58.44787	31.98758	26.46029	31.75881	2
1712.655	1711.855	1109.355	103.0064	68.70294	102.1739	99.76639	35.05943	11.22554	53.71503	25.57063	28.14441	31.62602	2
1712.66	1711.86	1109.36	97.36701	56.4543	96.51824	95.22062	43.33833	6.720956	49.94072	22.19119	27.74953	32.26266	2
1712.665	1711.865	1109.365	94.50243	45.5977	93.7516	92.58455	47.84204	5.01916	47.1388	17.70076	29.43804	32.82209	2
1712.67	1711.87	1109.37	94.70646	64.62672	93.80873	93.17216	44.1878	5.668558	50.14365	32.97085	17.17279	32.09551	2
1712.675	1711.875	1109.375	94.64117	50.78623	94.32289	93.50677	43.10657	7.633157	49.26027	33.70211	15.55817	32.04548	2
1712.68	1711.88	1109.38	94.20863	52.17161	94.18415	94.08621	40.89228	8.951017	50.1567	29.09472	21.06198	31.62066	2
1712.685	1711.885	1109.385	97.4731	74.09127	96.73043	96.30605	38.15033	8.581597	53.26807	34.358	18.91008	31.41824	2
1712.69	1711.89	1109.39	99.48075	74.79729	99.30121	100.0031	31.76825	13.50477	54.72699	33.17424	21.55274	30.64171	2

1712.695	1711.895	1109.395	97.55471	63.90073	97.30172	95.05739	36.74641	10.82041	52.43317	26.8644	25.56877	31.60796	2
1712.7	1711.9	1109.4	99.52156	48.92795	98.8197	95.9388	42.03903	8.393822	49.56715	18.33374	31.23341	32.4519	2
1712.705	1711.905	1109.405	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1713.015	1712.215	1109.715	92.98445	25.32984	93.08239	92.67433	47.56549	6.930132	45.50437	31.1345	14.36987	32.69318	2
1713.02	1712.22	1109.72	87.01047	72.91237	86.51264	86.35757	46.16378	4.629422	49.2068	19.32838	29.87842	31.76636	2
1713.025	1712.225	1109.725	81.97502	91.97469	79.02067	76.98038	65.2213	0	34.7787	17.62912	17.14958	31.79743	2
1713.03	1712.23	1109.73	84.84775	159.0192	80.19588	74.54018	59.50945	0	40.49055	25.99695	14.49361	30.41144	2
1713.035	1712.235	1109.735	85.47617	100.5601	84.61924	83.07678	43.66756	4.782497	51.54995	31.62106	19.92889	31.28837	2
1713.04	1712.24	1109.74	83.37874	80.84501	82.44837	79.89392	50.93747	2.646478	46.41605	25.66109	20.75497	32.47596	2
1713.045	1712.245	1109.745	86.20251	85.48737	84.1867	83.05229	55.62829	0.300524	44.07119	14.08554	29.98565	33.08032	2
1713.05	1712.25	1109.75	90.26678	119.2893	88.65903	82.61159	40.54662	4.71298	54.7404	31.13438	23.60602	31.93782	2
1713.055	1712.255	1109.755	86.0148	63.54772	85.0273	82.34227	53.14098	2.025674	44.83335	19.92031	24.91304	33.2635	2
1713.06	1712.26	1109.76	85.03546	75.98951	83.90922	81.33029	52.1063	2.16716	45.72654	23.58934	22.1372	32.8343	2
1713.065	1712.265	1109.765	89.71182	133.7626	87.2553	83.50932	44.13258	2.43937	53.42805	17.99446	35.43359	31.63568	2
1713.07	1712.27	1109.77	93.7108	82.41689	93.07423	92.88652	38.77461	7.667599	53.55779	30.31374	23.24404	31.23455	2
1713.075	1712.275	1109.775	88.73248	96.72361	86.19435	83.3869	54.62949	0	45.37051	28.42416	16.94634	32.73505	2
1713.08	1712.28	1109.78	86.74931	64.78657	85.52513	83.79496	53.99966	1.537391	44.46295	17.26893	27.19402	33.25888	2
1713.085	1712.285	1109.785	91.10738	121.9269	92.56823	91.93982	15.3533	18.4557	66.191	40.72813	25.46287	30.71752	2
1713.09	1712.29	1109.79	90.73197	74.65076	89.68734	87.04311	46.557	4.068216	49.37478	22.67972	26.69507	32.46754	2
1713.095	1712.295	1109.795	92.64984	119.4159	94.16782	92.91916	14.09915	20.03776	65.86309	40.27679	25.58629	30.894	2
1713.1	1712.3	1109.8	95.41648	124.9175	96.51824	94.66566	13.44817	20.96557	65.58626	42.60307	22.98319	30.95209	2
1713.105	1712.305	1109.805	91.78476	85.78043	91.63786	89.80159	35.93764	9.136158	54.9262	32.41963	22.50657	31.20691	2
1713.11	1712.31	1109.81	86.38206	89.81669	84.74166	78.79216	51.50595	1.796965	46.69708	23.72227	22.97481	33.26089	2
1713.115	1712.315	1109.815	86.03929	38.65748	85.55778	85.72916	55.22045	2.00586	42.77369	25.15615	17.61754	33.4373	2
1713.12	1712.32	1109.82	85.44352	52.81767	85.90871	85.05995	45.00488	5.858242	49.13688	17.98202	31.15486	31.96934	2
1713.125	1712.325	1109.825	82.21985	51.17919	81.33029	79.20022	58.86653	0.461066	40.67241	14.03416	26.63825	34.09615	2
1713.13	1712.33	1109.83	81.52615	56.44098	81.23235	81.21603	53.61419	2.210059	44.17575	32.41029	11.76546	32.69064	2
1713.135	1712.335	1109.835	82.06479	44.33887	81.97502	83.99083	54.46613	2.129391	43.40448	12.16271	31.24178	32.68135	2
1713.14	1712.34	1109.84	81.32212	49.11444	80.77532	76.67841	57.53564	0.987286	41.47707	13.12075	28.35632	34.19868	2
1713.145	1712.345	1109.845	83.22368	47.59585	82.16273	79.99185	60.13841	0	39.86159	16.39674	23.46485	34.47031	2
1713.15	1712.35	1109.85	82.8401	57.17363	81.5996	79.54299	59.56496	0.062299	40.37274	14.88003	25.49271	34.1539	2
1713.155	1712.355	1109.855	78.03317	38.4843	77.56798	76.3438	62.50149	0	37.49851	19.64433	17.85419	34.03598	2
1713.16	1712.36	1109.86	78.24536	85.06776	76.67025	74.81766	59.63496	0.366524	39.99852	21.87934	18.11917	33.25857	8
1713.165	1712.365	1109.865	87.54094	189.8772	85.5741	76.41725	28.75509	7.683911	63.561	33.36032	30.20067	30.92628	8
1713.17	1712.37	1109.87	95.86535	165.0203	97.58736	100.4846	0	27.82617	72.17383	72.17383	0	-9999	8
1713.175	1712.375	1109.875	93.64551	127.6349	93.4578	90.87071	24.41321	12.86698	62.71982	31.57804	31.14177	30.74139	8
1713.18	1712.38	1109.88	80.16324	42.5472	79.24102	77.78833	63.10056	0	36.89944	18.7341	18.16535	33.87035	8
1713.185	1712.385	1109.885	78.47387	84.82132	76.27035	74.94824	64.35455	0	35.64545	6.468249	29.1772	32.79036	8
1713.19	1712.39	1109.89	86.17803	74.79063	85.63939	85.39455	46.79133	4.306263	48.90241	17.97674	30.92567	31.78533	8
1713.195	1712.395	1109.895	86.64321	67.45077	87.02679	88.37338	40.99245	7.191079	51.81647	32.80938	19.00709	31.02766	8
1713.2	1712.4	1109.9	83.70519	106.2481	81.12626	79.29815	57.26592	0	42.73408	21.78417	20.94992	32.76483	8
1713.205	1712.405	1109.905	87.93268	76.8354	86.43918	85.30478	52.08236	1.727888	46.18975	14.39581	31.79393	32.76166	8
1713.21	1712.41	1109.91	83.80312	81.58432	82.44837	79.96737	53.65708	1.592807	44.75011	22.01402	22.73609	32.87138	8
1713.215	1712.415	1109.915	87.73681	115.3463	87.97349	87.98981	29.53409	10.47142	59.99448	32.9728	27.02168	30.20233	8
1713.22	1712.42	1109.92	83.55829	64.0406	83.3461	83.76232	49.27303	3.64881	47.07816	30.85025	16.22791	31.98971	8
1713.225	1712.425	1109.925	89.49963	41.26839	89.23031	87.97349	49.76061	4.418359	45.82103	28.50715	17.31388	32.94083	8
1713.23	1712.43	1109.93	97.84036	84.808	96.16731	97.58736	42.42941	4.163375	53.40721	26.1871	27.22011	31.61779	8
1713.235	1712.435	1109.935	98.63199	80.01911	97.48126	95.0982	38.81208	7.196558	53.99137	28.82978	25.16158	31.91219	8
1713.24	1712.44	1109.94	102.2719	109.4052	101.1701	96.44479	27.97245	11.48856	60.53898	38.17098	22.368	31.60598	8
1713.245	1712.445	1109.945	100.9987	116.6451	99.79904	95.71845	28.15067	10.56869	61.28064	37.99462	23.28603	31.46416	8
1713.25	1712.45	1109.95	92.22546	48.38845	91.53992	91.5236	48.7555	4.42866	46.81584	27.99627	18.81957	32.61692	8
1713.255	1712.455	1109.955	90.99312	45.8175	90.86255	90.45449	46.21048	6.068722	47.7208	23.57285	24.14795	32.2878	8
1713.26	1712.46	1109.96	92.54375	64.28704	92.6172	91.23796	38.73305	9.156241	52.11071	24.68523	27.42548	31.52137	8
1713.265	1712.465	1109.965	99.72559	111.0104	96.99975	92.88652	42.51317	0.230396	57.25643	19.6803	37.57613	32.82605	8
1713.27	1712.47	1109.97	99.26856	104.7495	98.46877	93.70264	29.52196	11.37773	59.10031	36.05879	23.04152	31.55067	8
1713.275	1712.475	1109.975	97.48126	103.837	94.4453	90.50345	48.71737	0	51.28263	19.71792	31.56471	30.78359	8
1713.28	1712.48	1109.98	93.07423	70.69443	91.04209	86.97782	53.0127	0.268261	46.71904	30.55794	16.1611	33.96464	8
1713.285	1712.485	1109.985	92.55191	87.2524	92.25811	92.3642	36.01413	8.99716	54.98871	35.10572	19.88299	30.86812	8
1713.29	1712.49	1109.99	93.18848	46.95644	93.07423	94.32289	43.78863	7.497644	48.71373	19.34438	29.36935	31.72274	8
1713.295	1712.495	1109.995	92.14385	40.12944	92.52743	93.98828	42.54362	8.714637	48.74174	33.84978	14.89196	31.54995	8
1713.3	1712.5	1110	88.78144	52.78437	87.99797	88.55293	51.61917	2.908982	45.47185	30.72473	14.74711	32.73216	8
1713.305	1712.505	1110.005	94.55956	120.1685	93.50677	91.49096	32.08356	8.583087	59.33335	31.12468	28.20867	30.90988	8
1713.31	1712.51	1110.01	99.62765	104.17	97.33436	94.90233	40.90642	2.316262	56.77732	23.10186	33.67546	32.28063	8
1713.315	1712.515	1110.015	96.55905	116.0524	93.79241	93.64551	44.52247	0.258771	55.21876	26.3525	28.86626	31.95368	8
1713.32	1712.52	1110.02	94.42898	116.059	93.89034	92.6172	29.2135	10.79821	59.98829	24.22617	35.76212	30.66433	8
1713.325	1712.525	1110.025	89.85872	91.91474	90.1362	88.61006	32.93614	10.25538	56.80848	33.77238	23.0361	30.87603	8
1713.33	1712.53	1110.03	87.41853	42.28744	87.59807	87.96533	47.94991	5.161613	46.88847	18.5632	28.32527	32.29295	2
1713.335	1712.535	1110.035	89.9893	41.34165	89.65469	89.82608	49.79838	4.396481	45.80514	22.45674	23.3484	32.70195	2
1713.34	1712.54	1110.04	91.34405	47.38938	91.85821	90.89519	40.51054	9.245766	50.24369	30.73287	19.51082	31.71254	2
1713.345	1712.545	1110.045	89.64653	30.90467	89.85056	88.50396	48.46503	5.708245	45.82672	26.8905	18.93622	32.873	2
1713.35	1712.55	1110.05	86.94518	54.17641	87.27163	86.03113	44.36978	6.25066	49.37956	34.75949	14.62007	31.99971	2
1713.355	1712.555	1110.055	88.14487	45.16477	88.07142	89.07525	48.54609	4.781778	46.67214	21.34565	25.32648	32.24821	2
1713.36	1712.56	1110.06	87.53278	53.30389	87.22266	85.99848	48.97377	4.181649	46.84459	25.4118	21.43278	32.59488	2

1713.365	1712.565	1110.065	84.86408	36.77256	84.0806	84.7743	59.09801	0.521475	40.38052	14.98329	25.39722	34.01905	2
1713.37	1712.57	1110.07	86.64321	46.33702	85.8271	85.04362	55.3996	1.619366	42.98103	29.24317	13.73786	33.57081	2
1713.375	1712.575	1110.075	85.65571	35.92668	85.60674	86.49631	52.88199	3.100348	44.01767	27.80463	16.21304	32.93157	2
1713.38	1712.58	1110.08	87.37772	36.96571	86.80644	85.27214	55.09424	2.086697	42.81907	24.37226	18.44681	33.82133	2
1713.385	1712.585	1110.085	94.77991	86.92604	93.80057	92.96813	39.35628	6.799396	53.84433	26.97145	26.87287	31.43954	8
1713.39	1712.59	1110.09	100.0684	117.7042	101.1864	102.3617	10.78757	25.97373	63.2387	40.50793	22.73077	30.31946	8
1713.395	1712.595	1110.095	99.01557	100.66	98.86866	95.38384	25.68445	15.08214	59.2334	41.98471	17.2487	31.09453	8
1713.4	1712.6	1110.1	100.5417	147.0036	99.96226	98.28106	16.41744	16.52882	67.05374	37.66543	29.38831	30.84056	8
1713.405	1712.605	1110.105	102.2147	78.43391	103.3981	103.3818	17.8103	26.79804	55.39166	35.39628	19.99538	29.96988	8
1713.41	1712.61	1110.11	98.22393	99.81408	98.51773	99.7011	23.20201	17.15015	59.64784	37.61809	22.02976	30.1496	8
1713.415	1712.615	1110.115	92.41317	51.33239	92.08672	93.66999	45.08741	6.345935	48.56665	21.70839	26.85826	31.77579	2
1713.42	1712.62	1110.12	85.92503	31.71725	85.11707	83.62358	59.53507	0.429968	40.03497	15.42575	24.60922	34.64916	2
1713.425	1712.625	1110.125	86.52896	58.05282	84.08876	81.52615	65.25607	0	34.74393	18.45523	16.2887	31.84565	2
1713.43	1712.63	1110.13	88.76512	94.03944	86.47183	84.61108	53.35156	0.255889	46.39255	28.45119	17.94136	32.94491	2
1713.435	1712.635	1110.135	90.98496	77.4415	90.61771	89.85056	40.3992	7.184312	52.41648	18.54474	33.87174	31.40841	2
1713.44	1712.64	1110.14	89.97298	50.11352	89.55676	86.99415	48.3231	4.65026	47.02664	31.3846	15.64204	32.89736	2
1713.445	1712.645	1110.145	88.56925	47.64247	88.19384	87.5083	49.89627	4.009195	46.09454	21.96897	24.12557	32.74288	2
1713.45	1712.65	1110.15	85.94951	43.4064	85.52513	84.97017	53.71105	2.481738	43.80721	15.60976	28.19745	33.24124	2
1713.455	1712.655	1110.155	88.52845	78.38729	87.94084	87.55727	44.13804	5.271384	50.59057	20.22381	30.36676	31.58861	2
1713.46	1712.66	1110.16	95.139	226.5166	90.56058	89.27111	33.13789	0	66.86211	26.95739	39.90472	29.60991	2
1713.465	1712.665	1110.165	92.29075	168.91	89.50779	82.78298	35.78425	3.679112	60.53663	32.04574	28.49089	31.39064	2
1713.47	1712.67	1110.17	88.97731	71.10072	87.19001	85.12523	54.78607	0.521713	44.69222	19.97259	24.71963	33.54198	2
1713.475	1712.675	1110.175	84.23567	39.53	83.41139	81.66489	59.32509	0.399389	40.27552	13.16018	27.11534	34.43157	2
1713.48	1712.68	1110.18	81.39557	19.66842	81.12626	81.32212	62.44354	0	37.55646	25.61672	11.93975	34.52554	2
1713.485	1712.685	1110.185	81.92605	31.13778	81.4119	79.08596	61.07739	0.035472	38.88714	14.15948	24.72766	34.88585	2
1713.49	1712.69	1110.19	83.81128	32.99606	83.94186	84.27647	53.89659	2.683791	43.41962	25.07196	18.34766	33.16018	2
1713.495	1712.695	1110.195	85.99848	32.68302	86.31677	85.468	50.50539	4.282031	45.21258	26.22062	18.99196	32.94665	2
1713.5	1712.7	1110.2	86.83908	48.23526	86.35757	86.45551	52.16681	2.954138	44.87905	24.58576	20.29329	32.85221	2
1713.505	1712.705	1110.205	86.15354	51.50556	85.69652	86.03113	51.81635	2.997007	45.18664	27.07936	18.10729	32.67443	2
1713.51	1712.71	1110.21	85.92503	47.22286	85.05995	84.00715	56.22545	1.291952	42.4826	26.36053	16.12207	33.7103	2
1713.515	1712.715	1110.215	88.0551	23.87785	87.63888	87.35324	56.43658	2.031927	41.5315	20.778	20.75349	34.03523	2
1713.52	1712.72	1110.22	86.4147	36.0066	86.14538	83.71335	53.8721	2.686292	43.44161	26.47149	16.97011	33.73835	2
1713.525	1712.725	1110.225	89.10789	49.6273	88.26729	86.52896	52.5256	2.600006	44.8744	18.78309	26.09131	33.35716	2
1713.53	1712.73	1110.23	95.00843	107.9399	93.40067	90.05459	38.93088	5.193906	55.87521	36.92046	18.95475	31.76445	2
1713.535	1712.735	1110.235	95.34303	137.0462	93.5639	86.22699	32.90754	6.40837	60.68409	41.78178	18.90231	31.90266	2
1713.54	1712.74	1110.24	89.80159	132.1108	86.10458	82.38308	54.06359	0	45.93641	19.81601	26.12039	30.22232	2
1713.545	1712.745	1110.245	86.05561	47.48262	84.76614	83.41139	59.33141	0	40.66859	21.33293	19.33566	34.34127	2
1713.55	1712.75	1110.25	89.28744	108.9056	87.16553	83.24816	47.94517	1.921778	50.13305	28.57841	21.55464	32.38136	2
1713.555	1712.755	1110.255	86.21883	85.72049	84.17854	81.36293	55.74661	0.242665	44.01073	23.02368	20.98705	33.40474	2
1713.56	1712.76	1110.26	82.21169	31.12446	81.52615	81.33029	62.14605	0	37.85395	9.379949	28.474	34.24929	2
1713.565	1712.765	1110.265	81.5996	16.84438	81.38741	81.02016	62.4965	0	37.5035	20.76996	16.73353	34.73927	2
1713.57	1712.77	1110.27	79.04515	23.77794	78.4249	77.91075	66.33113	0	33.66887	17.80316	15.8657	33.55675	2
1713.575	1712.775	1110.275	78.03317	59.99768	77.2905	74.09948	59.44572	0.431033	40.12325	21.2998	18.82344	33.95604	2
1713.58	1712.78	1110.28	79.27367	28.50689	79.40425	79.74702	59.15757	0.664225	40.1782	23.1619	17.0163	33.92906	2
1713.585	1712.785	1110.285	81.90973	25.91596	82.49733	80.66923	53.81745	2.721839	43.46071	18.7271	24.73361	33.58564	2
1713.59	1712.79	1110.29	81.7057	39.74314	81.95053	80.8651	53.31544	2.608947	44.07561	18.64294	25.43267	33.1337	2
1713.595	1712.795	1110.295	85.974	76.87536	87.14105	87.01047	33.25546	10.22887	56.51567	21.25771	35.25796	30.72742	2
1713.6	1712.8	1110.3	91.42567	48.78808	92.30707	94.18415	37.25076	11.08502	51.66422	32.94849	18.71572	30.88028	2
1713.605	1712.805	1110.305	92.58455	34.61456	92.69065	93.13951	45.62325	7.333704	47.04305	27.61666	19.42639	32.17618	2
1713.61	1712.81	1110.31	89.76079	47.77568	90.41368	90.39736	40.79843	8.78591	50.41566	23.91796	26.4977	31.5406	2
1713.615	1712.815	1110.315	89.58124	62.28223	89.57308	87.57359	42.57621	6.925573	50.49822	18.32185	32.17637	31.94113	2
1713.62	1712.82	1110.32	85.19869	51.93849	83.70519	81.97502	60.62269	0	39.37731	14.91395	24.46336	33.82181	2
1713.625	1712.825	1110.325	84.03164	40.99531	83.88473	84.83143	53.90852	2.467083	43.6244	12.87279	30.75161	32.93501	2
1713.63	1712.83	1110.33	85.74548	44.05247	85.1742	84.30912	54.8809	1.970104	43.149	30.02614	13.12286	33.4733	2
1713.635	1712.835	1110.335	85.54962	40.1361	86.10458	87.55727	47.28047	5.361577	47.35795	22.13103	25.22692	31.9752	2
1713.64	1712.84	1110.34	86.63505	32.02363	86.54528	85.8271	53.24177	3.13027	43.62796	23.21566	20.4123	33.37854	2
1713.645	1712.845	1110.345	85.974	36.65267	85.85974	86.69218	52.91946	3.068841	44.01169	20.39828	23.61342	32.94948	2
1713.65	1712.85	1110.35	89.32824	93.87293	88.52029	84.39073	41.36243	5.792066	52.8455	20.76196	32.08354	31.86826	2
1713.655	1712.855	1110.355	89.54043	70.78767	89.61388	87.49198	39.92294	7.807919	52.26914	31.9953	20.27384	31.62373	2
1713.66	1712.86	1110.36	89.85056	81.89071	89.45882	90.64219	40.55589	6.837067	52.60704	26.31655	26.29049	30.96887	2
1713.665	1712.865	1110.365	92.60904	60.87687	92.64168	92.90284	39.81449	8.775359	51.41015	21.26662	30.14353	31.34297	2
1713.67	1712.87	1110.37	86.60241	52.43137	85.66387	83.88473	54.91105	1.609038	43.47991	23.77116	19.70875	33.57983	2
1713.675	1712.875	1110.375	88.96915	63.77418	87.71233	87.81026	52.4554	1.95487	45.58973	13.25776	32.33197	32.83078	2
1713.68	1712.88	1110.38	90.89519	105.6487	89.46698	88.42235	41.87805	4.660112	53.46184	28.97802	24.48382	31.32563	2
1713.685	1712.885	1110.385	98.09335	85.51401	98.47693	98.29738	26.08701	16.63051	57.28248	35.22908	22.0534	30.46096	2
1713.69	1712.89	1110.39	90.32391	70.36806	89.46698	88.96099	46.5141	4.388806	49.0971	26.79884	22.29825	32.08014	2
1713.695	1712.895	1110.395	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1714.005	1713.205	1110.705	82.6932	33.92853	82.30147	81.38741	58.74751	0.799018	40.45347	12.65065	27.80282	34.16255	2
1714.01	1713.21	1110.71	85.90871	49.89372	85.37823	85.16604	53.0009	2.555399	44.4437	23.15061	21.29309	32.96485	2
1714.015	1713.215	1110.715	88.38971	87.51216	87.29611	86.17803	45.97891	3.982563	50.03852	24.48014	25.55838	31.80933	2
1714.02	1713.22	1110.72	81.4527	52.17827	80.79981	79.41241	57.49631	0.953784	41.54991	15.86695	25.68296	33.63758	2
1714.025	1713.225	1110.725	77.24153	26.63529	76.67025	75.56849	66.91949	0	33.08051	6.21671	26.8638	33.45283	2
1714.03	1713.23	1110.73	77.5843	35.70688	77.02118	76.09897	64.34557	0	35.65443	7.574298	28.08013	33.67355	2

1714.035	1713.235	1110.735	81.11809	62.4221	80.14691	78.99619	57.79186	0.745172	41.46297	29.54593	11.91704	33.44071	2
1714.04	1713.24	1110.74	83.40323	84.17525	82.22802	81.4119	52.0065	2.187535	45.80597	16.02083	29.78513	32.24087	2
1714.045	1713.245	1110.745	77.75569	56.50758	76.1561	72.86714	67.18677	0	32.81323	18.8394	13.97384	33.2807	2
1714.05	1713.25	1110.75	75.6501	50.59307	73.98522	72.41827	71.06121	0	28.93879	10.83424	18.10455	32.78326	2
1714.055	1713.255	1110.755	78.21271	32.31003	77.3966	74.34431	66.55019	0	33.44981	19.07007	14.37974	33.77251	2
1714.06	1713.26	1110.76	74.53202	33.96849	73.99338	73.47107	67.38461	0	32.61539	16.23442	16.38097	33.09166	2
1714.065	1713.265	1110.765	72.65495	26.62863	72.24689	71.83067	69.87578	0	30.12422	10.90997	19.21425	32.81089	2
1714.07	1713.27	1110.77	74.05051	26.86175	73.28336	71.01455	71.31841	0	28.68159	21.10328	7.578309	33.10876	2
1714.075	1713.275	1110.775	77.63327	48.94127	76.36829	74.12396	66.53722	0	33.46278	24.83643	8.626347	33.31736	2
1714.08	1713.28	1110.78	82.30147	54.82914	81.64857	77.60879	56.07393	1.368193	42.55788	26.0931	16.46478	33.88833	2
1714.085	1713.285	1110.785	82.22802	57.23358	80.68555	80.72636	62.45379	0	37.54621	26.14041	11.4058	33.11188	2
1714.09	1713.29	1110.79	76.09081	74.66408	74.09132	71.73274	67.4238	0	32.5762	16.32548	16.25072	33.02055	2
1714.095	1713.295	1110.795	80.43256	62.00915	79.36344	77.34763	59.28148	0.326275	40.39225	13.99851	26.39374	33.82779	2
1714.1	1713.3	1110.8	82.30147	51.85856	81.27316	81.265	59.70227	0.155563	40.14216	12.84916	27.29301	33.84752	2
1714.105	1713.305	1110.805	82.83194	46.38364	81.93421	81.84444	59.52718	0.270421	40.2024	12.94905	27.25335	33.95791	2
1714.11	1713.31	1110.81	81.34661	59.78455	80.34278	78.75135	58.47291	0.53592	40.99117	21.86904	19.12214	33.7058	2
1714.115	1713.315	1110.815	80.88958	64.60008	79.4777	76.5968	60.89047	0	39.10953	10.50208	28.60745	33.93397	2
1714.12	1713.32	1110.82	75.47872	29.85897	74.89111	73.68326	67.88765	0	32.11235	17.49453	14.61782	33.23804	2
1714.125	1713.325	1110.825	73.20175	35.36719	72.21425	70.99823	71.74868	0	28.25132	10.77893	17.47239	32.84448	2
1714.13	1713.33	1110.83	77.4374	56.20786	76.25403	76.14793	64.32642	0	35.67358	18.76154	16.91205	33.14881	2
1714.135	1713.335	1110.835	84.70085	70.78767	84.06428	82.61159	49.87803	3.217853	46.90411	26.46844	20.43568	32.36221	2
1714.14	1713.34	1110.84	80.72636	50.69964	80.0245	79.20022	58.90187	0.537234	40.5609	28.69052	11.87038	33.76561	2
1714.145	1713.345	1110.845	75.2502	42.56052	74.64628	72.36931	65.1506	0	34.8494	20.64705	14.20235	33.62225	2
1714.15	1713.35	1110.85	75.77252	37.27875	74.6626	72.6223	69.86971	0	30.13029	23.22051	6.909784	33.09778	2
1714.155	1713.355	1110.855	75.26653	61.5962	74.5565	71.66745	61.35119	0.03519	38.61362	8.591124	30.02249	34.02827	2
1714.16	1713.36	1110.86	71.93677	49.76051	70.15763	67.50524	75.56445	0	24.43555	8.931683	15.50387	33.06625	2
1714.165	1713.365	1110.865	74.62179	100.7399	71.28387	67.49708	72.8378	0	27.1622	6.745856	20.41634	33.058	2
1714.17	1713.37	1110.87	80.65291	108.3595	79.38792	73.91993	49.37995	3.022394	47.59766	33.65668	13.94097	32.13577	2
1714.175	1713.375	1110.875	82.42388	176.7028	78.49836	75.18492	51.8308	1.36343	46.80577	18.61314	28.19262	30.92065	2
1714.18	1713.38	1110.88	72.23873	39.03712	71.14513	69.53738	72.56877	0	27.43123	11.01586	16.41537	32.88171	2
1714.185	1713.385	1110.885	69.60267	57.75976	67.19512	66.25658	80.64619	0	19.35381	7.789007	11.56481	33.17414	2
1714.19	1713.39	1110.89	74.67076	50.10686	73.29968	71.60216	69.8029	0	30.1971	11.44639	18.75071	32.96799	2
1714.195	1713.395	1110.895	79.98369	50.26671	78.88193	76.50703	62.7891	0	37.2109	12.08795	25.12295	33.8843	2
1714.2	1713.4	1110.9	76.303	31.83714	75.61746	75.76436	67.40959	0	32.59041	11.90191	20.68851	33.04244	2
1714.205	1713.405	1110.905	72.54069	28.9598	71.93677	70.81868	70.93473	0	29.06527	19.34467	9.720606	32.8674	2
1714.21	1713.41	1110.91	70.99007	40.82879	70.33717	68.29688	69.8685	0	30.1315	9.815614	20.31588	33.04051	2
1714.215	1713.415	1110.915	74.00154	104.3765	71.58583	68.44378	65.38121	0	34.61879	19.41128	15.20751	33.48633	2
1714.22	1713.42	1110.92	80.37543	123.5387	77.78833	75.52768	56.20821	0.929235	42.86255	22.19998	20.66257	32.16521	2
1714.225	1713.425	1110.925	71.83067	34.2882	71.0472	68.80287	71.68996	0	28.31004	22.84856	5.461477	33.01925	2
1714.23	1713.43	1110.93	73.74039	31.25101	72.68759	71.42261	72.75524	0	27.24476	21.92196	5.3228	32.81325	2
1714.235	1713.435	1110.935	76.47438	37.6251	76.01736	75.93574	64.08025	0	35.91975	21.17549	14.74426	33.48392	8
1714.24	1713.44	1110.94	88.8957	100.4801	87.41853	85.41904	45.34786	3.607185	51.04495	34.52517	16.51978	31.77331	8
1714.245	1713.445	1110.945	91.10738	156.5082	87.79394	84.12957	43.98539	0.836862	55.17775	31.52326	23.65449	31.48098	8
1714.25	1713.45	1110.95	83.04413	244.4866	75.86229	70.58201	60.09291	0	39.90709	14.98319	24.9239	29.43733	8
1714.255	1713.455	1110.955	72.42644	32.18348	71.41445	69.37415	73.42217	0	26.57783	20.25855	6.319274	32.9313	2
1714.26	1713.46	1110.96	73.81384	31.20439	72.64679	70.81868	73.58444	0	26.41556	4.512085	21.90348	32.87711	2
1714.265	1713.465	1110.965	76.65393	37.63176	76.09897	73.92809	64.67244	0	35.32756	15.56141	19.76615	33.7829	2
1714.27	1713.47	1110.97	74.25454	28.91984	73.40578	72.53253	71.26513	0	28.73487	7.722599	21.01227	32.84337	2
1714.275	1713.475	1110.975	74.71973	23.62475	74.24638	74.28719	69.20911	0	30.79089	23.93965	6.851238	32.90099	2
1714.28	1713.48	1110.98	72.14079	26.93502	71.58583	71.61848	71.41314	0	28.58686	14.37564	14.21122	32.61674	2
1714.285	1713.485	1110.985	76.12345	84.78802	74.90744	70.7942	58.87185	0.774847	40.3533	20.4233	19.93	33.37745	8
1714.29	1713.49	1110.99	87.19817	182.4707	84.75798	77.79649	34.53126	5.612466	59.85628	27.97436	31.88191	30.65292	8
1714.295	1713.495	1110.995	94.28208	129.9461	93.93931	95.07371	24.46999	12.63601	62.894	30.76286	32.13114	30.05342	8
1714.3	1713.5	1111	86.88805	98.05571	84.8804	79.93472	51.8928	1.263215	46.84398	21.26105	25.58294	33.04529	8
1714.305	1713.505	1111.005	77.92707	32.11022	76.87428	76.05	68.69556	0	31.30444	16.66713	14.6373	33.03756	2
1714.31	1713.51	1111.01	77.19257	35.95998	75.76436	74.31983	71.34913	0	28.65087	18.5958	10.05507	32.79209	2
1714.315	1713.515	1111.015	77.78833	51.2125	76.79267	74.28719	63.75771	0	36.24229	7.503937	28.73836	33.76495	2
1714.32	1713.52	1111.02	76.8906	57.87965	75.73171	75.4624	64.23515	0	35.76485	25.22223	10.54262	33.18484	2
1714.325	1713.525	1111.025	76.47438	84.86128	74.28719	69.33335	66.05791	0	33.94209	21.91733	12.02476	33.51067	2
1714.33	1713.53	1111.03	75.94391	78.31402	73.569	72.21425	69.58512	0	30.41488	14.34572	16.06916	32.61751	2
1714.335	1713.535	1111.035	74.58099	81.01818	73.32417	72.65495	61.51946	0.220561	38.25998	9.301212	28.95877	33.17874	2
1714.34	1713.54	1111.04	77.12728	86.3932	74.62995	70.10866	67.48999	0	32.51001	9.163858	23.34615	33.14582	2
1714.345	1713.545	1111.045	82.03215	102.2718	81.9587	80.42439	40.34989	6.07332	53.57679	36.62582	16.95097	30.80364	2
1714.35	1713.55	1111.05	85.32926	89.21058	84.24383	84.57027	48.32025	3.260441	48.41931	26.31043	22.10887	31.5928	2
1714.355	1713.555	1111.055	77.62511	43.71279	76.94773	76.35196	63.25609	0	36.74391	6.704903	30.03901	33.64603	2
1714.36	1713.56	1111.06	75.38078	32.78959	74.8095	73.81384	67.14204	0	32.85796	22.78394	10.07402	33.24729	2
1714.365	1713.565	1111.065	71.15329	63.5344	69.04771	66.16681	75.48193	0	24.51807	13.36677	11.1513	33.23713	2
1714.37	1713.57	1111.07	74.02603	73.17213	71.95309	66.83603	70.25369	0	29.74631	9.307119	20.4392	33.5271	2
1714.375	1713.575	1111.075	75.64194	73.93808	73.81384	69.16196	66.68421	0	33.31579	17.74607	15.56973	33.57348	2
1714.38	1713.58	1111.08	78.29433	79.31976	76.96405	73.9689	59.08345	0.508912	40.40764	20.18977	20.21787	33.48055	2
1714.385	1713.585	1111.085	72.75288	55.64172	71.71641	70.90029	67.63469	0	32.36531	8.134454	24.23085	32.9894	2
1714.39	1713.59	1111.09	74.39328	44.86505	73.43026	71.68377	68.16424	0	31.83576	23.76266	8.073099	33.15414	2
1714.395	1713.595	1111.095	75.91942	79.76601	74.67892	71.16961	60.46463	0.357835	39.17754	23.50165	15.67589	33.63601	2

1714.4	1713.6	1111.1	78.94722	119.7489	77.31498	74.13212	51.03915	2.675879	46.28497	18.91584	27.36913	31.55896	2
1714.405	1713.605	1111.105	85.20685	99.85404	86.91253	84.75798	24.22595	13.17096	62.60309	32.15203	30.45106	30.81092	2
1714.41	1713.61	1111.11	82.62791	61.10998	82.93804	83.67254	46.79024	4.614454	48.59531	20.27291	28.3224	31.63416	2
1714.415	1713.615	1111.115	75.84597	29.15962	75.13595	75.41343	68.66776	0	31.33224	18.64474	12.6875	32.88989	2
1714.42	1713.62	1111.12	79.28999	97.92916	77.92707	72.99772	53.91696	1.852264	44.23077	14.41794	29.81284	32.71879	2
1714.425	1713.625	1111.125	78.22904	79.67276	77.41292	76.75186	55.07339	1.640185	43.28642	15.60903	27.67739	32.38407	2
1714.43	1713.63	1111.13	73.98522	52.59788	72.4346	70.06785	71.22225	0	28.77775	9.646083	19.13167	33.01447	2
1714.435	1713.635	1111.135	76.11529	98.12232	75.39711	74.5157	51.79426	2.652546	45.5532	31.8429	13.7103	31.46195	2
1714.44	1713.64	1111.14	76.7437	54.263	76.00103	75.07066	62.01982	0	37.98018	21.94133	16.03885	33.72478	2
1714.445	1713.645	1111.145	77.50269	60.37067	76.9967	71.3818	58.00927	0.848941	41.14179	25.59527	15.54652	34.10462	2
1714.45	1713.65	1111.15	76.67841	69.05595	74.94824	72.54885	66.15314	0	33.84686	13.48212	20.36474	33.17106	2
1714.455	1713.655	1111.155	77.60879	66.02542	77.55166	75.73171	53.06451	2.240214	44.69528	21.94073	22.75454	32.54296	2
1714.46	1713.66	1111.16	77.19257	55.85486	76.54783	75.88678	60.46265	0.177082	39.36027	9.28886	30.07141	33.69518	2
1714.465	1713.665	1111.165	79.61644	60.49056	80.32646	78.35145	46.61149	4.39447	48.99404	22.15452	26.83953	32.00962	2
1714.47	1713.67	1111.17	79.15941	50.93276	78.95538	78.9309	56.42884	1.337007	42.23415	27.3751	14.85904	33.09111	2
1714.475	1713.675	1111.175	78.22087	79.83928	77.4374	75.60114	54.78761	1.721598	43.49079	28.14471	15.34608	32.55425	2
1714.48	1713.68	1111.18	81.38741	63.2147	80.94671	79.99185	53.24108	2.235631	44.52329	31.20705	13.31624	32.67084	2
1714.485	1713.685	1111.185	84.4805	51.18585	84.15405	85.66387	52.42093	2.773393	44.80568	20.20655	24.59913	32.45889	2
1714.49	1713.69	1111.19	84.55395	33.26914	84.45602	83.86025	54.91822	2.302457	42.77932	15.28697	27.49235	33.51976	2
1714.495	1713.695	1111.195	85.29662	34.79439	85.10075	85.07627	54.62485	2.392706	42.98245	12.44462	30.53783	33.37667	2
1714.5	1713.7	1111.2	85.10891	37.05896	84.63556	85.89239	56.39998	1.587547	42.01247	17.47238	24.54009	33.40747	2
1714.505	1713.705	1111.205	86.89621	51.62545	86.65954	87.11656	49.39635	4.05578	46.54787	32.27228	14.27559	32.32534	2
1714.51	1713.71	1111.21	88.87122	45.92407	88.56109	88.23464	49.52832	4.277599	46.19408	25.81929	20.37479	32.64591	2
1714.515	1713.715	1111.215	86.25148	37.43861	86.29228	85.87606	51.27225	3.772179	44.95557	15.88873	29.06684	32.91732	2
1714.52	1713.72	1111.22	82.38308	58.33922	81.23235	78.99619	59.00761	0.284758	40.70763	9.835253	30.87238	34.01691	8
1714.525	1713.725	1111.225	84.19486	102.6315	82.00766	76.20506	54.65469	0.739208	44.6061	26.176	18.43011	33.31157	8
1714.53	1713.73	1111.23	86.3739	166.3324	81.92605	77.51901	54.75437	0	45.24563	11.417	33.82863	30.36973	8
1714.535	1713.735	1111.235	88.86306	160.5378	84.95385	81.71386	49.6922	0	50.3078	11.64372	38.66408	30.83242	8
1714.54	1713.74	1111.24	92.16833	106.741	91.24612	89.26295	36.52097	7.294386	56.18465	20.57388	35.61077	31.11273	8
1714.545	1713.745	1111.245	86.63505	53.9766	86.30044	85.49249	49.82663	3.766158	46.40721	19.98102	26.42619	32.57564	2
1714.55	1713.75	1111.25	80.28565	28.81327	79.73885	77.44556	63.40208	0	36.59792	20.53701	16.06091	34.36777	2
1714.555	1713.755	1111.255	82.77481	37.67172	82.63607	81.81179	55.80585	1.79709	42.39706	30.96121	11.43585	33.55806	2
1714.56	1713.76	1111.26	82.30963	35.97996	82.04031	79.06148	57.65522	1.152544	41.19224	13.27767	27.91457	34.28296	2
1714.565	1713.765	1111.265	85.69652	71.53365	85.43536	83.03597	45.87203	4.82	49.30796	18.28872	31.01924	32.08745	2
1714.57	1713.77	1111.27	87.58991	56.76734	87.27163	85.62307	48.1463	4.410559	47.44314	16.20625	31.23689	32.5101	2
1714.575	1713.775	1111.275	92.59272	58.89204	92.63352	91.17267	40.24658	8.669508	51.08391	21.69179	29.39212	31.70938	2
1714.58	1713.78	1111.28	88.26729	63.18139	88.7488	89.63837	39.7725	8.181973	52.04553	18.70198	33.34355	31.09249	2
1714.585	1713.785	1111.285	90.11172	100.9464	91.33589	92.40501	23.18083	15.10275	61.71643	39.50355	22.21287	30.2109	2
1714.59	1713.79	1111.29	91.35222	69.22912	91.15635	91.35222	40.72049	7.561571	51.71793	18.30239	33.41554	31.33661	2
1714.595	1713.795	1111.295	91.34405	166.3191	92.08672	90.94416	9.958584	18.31556	71.72586	64.44984	7.276024	30.96526	2
1714.6	1713.8	1111.3	87.59807	84.86128	87.53278	88.57741	39.37934	7.228594	53.39207	23.44597	29.9461	30.76209	2
1714.605	1713.805	1111.305	84.25199	96.13749	84.0806	84.61108	40.55113	6.199193	53.24968	22.51431	30.73536	30.63913	2
1714.61	1713.81	1111.31	84.61924	109.918	85.63123	86.33309	27.70724	11.08825	61.20451	41.37647	19.82804	30.06207	2
1714.615	1713.815	1111.315	85.50881	79.67942	86.92069	85.94135	31.10737	10.98032	57.91231	27.53326	30.37905	30.78789	2
1714.62	1713.82	1111.32	84.31728	59.71128	83.97451	82.89723	50.63444	3.239458	46.1261	17.07292	29.05318	32.53919	2
1714.625	1713.825	1111.325	81.60777	64.34698	81.29764	77.57614	51.75235	2.72622	45.52143	26.55256	18.96886	32.96169	2
1714.63	1713.83	1111.33	76.57232	81.37119	74.68708	71.43077	64.4722	0	35.5278	17.04455	18.48325	33.42014	2
1714.635	1713.835	1111.335	82.1056	78.57378	80.54681	77.15992	57.52858	0.528941	41.94248	13.07465	28.86782	33.58396	2
1714.64	1713.84	1111.34	80.48968	70.90756	79.18389	75.78068	58.90973	0.365976	40.7243	20.08524	20.63906	33.84937	2
1714.645	1713.845	1111.345	81.97502	88.75767	82.52998	80.16324	38.80268	6.900075	54.29724	21.25094	33.0463	31.08955	2
1714.65	1713.85	1111.35	89.8424	115.0932	89.70366	83.52564	30.56767	10.09791	59.33443	27.76534	31.56909	31.42342	2
1714.655	1713.855	1111.355	86.08825	92.26109	85.68019	84.93753	41.63408	5.886315	52.4796	36.97454	15.50506	31.10263	2
1714.66	1713.86	1111.36	87.36956	65.85891	87.17369	86.50447	45.20013	5.368047	49.43182	21.71093	27.72089	31.84424	2
1714.665	1713.865	1111.365	90.1362	134.0224	89.4425	83.14207	30.01747	9.267308	60.71523	41.03963	19.6756	31.25769	2
1714.67	1713.87	1111.37	86.92069	102.2052	85.96584	82.55446	42.69945	5.010999	52.28955	30.73307	21.55648	31.59844	2
1714.675	1713.875	1111.375	99.9133	128.2077	100.1336	100.2805	15.34577	20.18495	64.46929	40.29335	24.17594	30.41576	2
1714.68	1713.88	1111.38	112.3836	85.05444	112.3265	114.5953	16.46668	30.65025	52.88307	30.54889	22.33418	28.89502	2
1714.685	1713.885	1111.385	110.6861	82.46351	110.6452	113.5017	18.52891	27.98667	53.48442	35.35051	18.13391	29.01154	2
1714.69	1713.89	1111.39	98.08519	73.15881	96.89366	95.139	41.29157	6.231083	52.47735	35.79152	16.68583	32.06772	2
1714.695	1713.895	1111.395	95.92248	129.0336	95.139	95.9388	26.5971	11.20806	62.19484	30.51812	31.67672	30.21014	2
1714.7	1713.9	1111.4	101.4068	98.15562	100.5091	99.44811	29.9095	11.63531	58.45519	23.31594	35.13926	30.95446	2
1714.705	1713.905	1111.405	100.5009	104.5031	98.36267	96.02857	38.82071	3.454856	57.72444	25.35845	32.36599	32.07349	2
1714.71	1713.91	1111.41	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1715	1714.2	1111.7	102.0515	114.9201	100.4764	97.26091	30.50903	8.386548	61.10442	29.72557	31.37886	31.53273	2
1715.005	1714.205	1111.705	95.645	108.193	93.80057	88.83041	40.11821	4.212488	55.6693	29.0387	26.6306	32.22703	2
1715.01	1714.21	1111.71	94.26576	67.89036	93.10687	90.72381	45.82742	4.417375	49.75521	24.89939	24.85582	32.58288	2
1715.015	1714.215	1111.715	97.84036	41.1152	97.33436	95.48994	43.95844	7.97309	48.06847	26.36597	21.7025	32.46489	2
1715.02	1714.22	1111.72	106.2382	84.62817	105.4221	105.2589	28.10574	15.0047	56.88955	24.50978	32.37977	30.6601	2
1715.025	1714.225	1111.725	103.643	145.9313	104.557	99.12982	2.2492	31.21833	66.53247	66.53247	0	-9999	2
1715.03	1714.23	1111.73	96.96711	102.6048	97.3262	97.33436	23.17693	16.60553	60.21754	43.78524	16.43231	30.35886	2
1715.035	1714.235	1111.735	93.19664	144.9789	92.2173	88.72432	26.7641	10.03814	63.19775	31.92793	31.26982	30.77181	2
1715.04	1714.24	1111.74	86.64321	54.74256	86.1617	83.97451	50.77224	3.318356	45.9094	16.10092	29.80848	32.95204	2
1715.045	1714.245	1111.745	83.06046	50.47318	82.09744	80.48152	58.83327	0.423518	40.74321	12.75278	27.99043	34.0457	2

1715.05	1714.25	1111.75	84.12957	38.25119	83.59093	82.7993	57.51845	1.133278	41.34827	27.68723	13.66104	33.91228	2
1715.055	1714.255	1111.755	89.83424	55.79491	89.27111	89.5894	48.21433	4.38229	47.40338	15.19419	32.20919	32.27114	2
1715.06	1714.26	1111.76	85.01914	54.90907	84.41521	81.98318	53.17484	2.351285	44.47388	14.17781	30.29607	33.27078	2
1715.065	1714.265	1111.765	88.13671	65.13292	86.94518	85.974	52.38644	2.047416	45.56615	30.02736	15.53878	32.92993	2
1715.07	1714.27	1111.77	85.22317	57.65985	84.4805	83.92554	53.39667	2.168589	44.43474	27.82211	16.61262	32.93005	2
1715.075	1714.275	1111.775	87.23082	37.69837	87.3614	88.62638	49.61266	4.578034	45.80931	29.41346	16.39585	32.39122	2
1715.08	1714.28	1111.78	89.10789	65.55919	88.88754	88.03878	43.86314	6.062289	50.07457	28.66711	21.40745	31.80204	2
1715.085	1714.285	1111.785	82.35043	89.94324	80.59578	78.19639	56.06991	0.827921	43.10217	26.16708	16.9351	32.96701	2
1715.09	1714.29	1111.79	80.45704	31.54407	80.88958	79.73885	54.99365	2.065279	42.94107	28.71256	14.22851	33.48007	2
1715.095	1714.295	1111.795	83.86841	25.60292	84.06428	84.17854	55.12717	2.409105	42.46372	24.94202	17.5217	33.50482	2
1715.1	1714.3	1111.8	87.14921	42.68707	87.55727	89.28744	46.33	5.88158	47.78842	15.33008	32.45834	31.80679	2
1715.105	1714.305	1111.805	89.67101	71.42042	89.80975	86.3739	39.14369	8.18965	52.66666	18.16831	34.49835	31.78588	2
1715.11	1714.31	1111.81	94.12702	123.8518	93.25377	89.52411	30.19867	9.519456	60.28187	37.65702	22.62485	31.08134	2
1715.115	1714.315	1111.815	82.97068	42.76034	83.59093	84.19486	48.51203	4.445475	47.04249	28.73882	18.30367	32.15387	2
1715.12	1714.32	1111.82	83.59093	42.08763	83.69703	83.18287	52.0889	3.130952	44.78015	17.56238	27.21777	32.87546	2
1715.125	1714.325	1111.825	79.68173	50.27337	79.12677	79.17573	58.8276	0.599277	40.57312	26.01502	14.55811	33.52564	2
1715.13	1714.33	1111.83	91.02577	143.8532	88.3081	82.70952	42.50578	2.218237	55.27598	29.49497	25.78101	31.81613	2
1715.135	1714.335	1111.835	100.3785	92.60077	100.2724	99.75007	26.06465	15.96827	57.96708	26.90876	31.05832	30.53408	2
1715.14	1714.34	1111.84	109.47	26.60865	109.2742	108.9967	34.36625	20.73597	44.89778	26.19151	18.70627	30.4555	2
1715.145	1714.345	1111.845	81.90973	43.6928	80.97119	80.16324	61.34304	0	38.65696	7.635756	31.0212	34.07815	2
1715.15	1714.35	1111.85	77.07831	47.59585	75.96023	74.85847	66.23489	0	33.76511	21.13339	12.63172	33.18516	2
1715.155	1714.355	1111.855	78.41674	38.75072	77.55166	74.9156	65.18333	0	34.81667	9.078375	25.73829	33.77905	2
1715.16	1714.36	1111.86	76.16426	45.93739	75.53585	74.54834	63.68222	0	36.31778	23.40302	12.91476	33.5697	2
1715.165	1714.365	1111.865	74.33615	37.02566	73.75671	71.18594	67.14122	0	32.85878	18.16402	14.69475	33.45379	2
1715.17	1714.37	1111.87	76.87428	52.34478	75.73171	73.10381	65.46311	0	34.53689	19.0522	15.48469	33.51194	2
1715.175	1714.375	1111.875	74.04235	50.21342	72.70392	70.59017	70.10225	0	29.89775	12.9452	16.95255	33.03782	2
1715.18	1714.38	1111.88	78.32697	82.12382	76.50703	73.54452	62.16978	0	37.83022	17.59188	20.23834	33.51678	2
1715.185	1714.385	1111.885	79.42057	54.89575	78.61261	76.61312	59.90997	0.248463	39.84156	19.48192	20.35965	33.99716	2
1715.19	1714.39	1111.89	77.15992	101.3726	73.91993	71.52054	69.59061	0	30.40939	19.42523	10.98416	32.38479	2
1715.195	1714.395	1111.895	76.27035	78.37397	75.00537	73.24255	60.66839	0.268683	39.06292	10.59485	28.46808	33.39911	2
1715.2	1714.4	1111.9	72.29586	54.90241	70.90029	69.45577	71.01703	0	28.98297	17.61787	11.36509	32.91721	2
1715.205	1714.405	1111.905	76.96405	66.43171	76.48254	75.42975	56.8483	1.182637	41.96907	17.08235	24.88671	32.90912	2
1715.21	1714.41	1111.91	75.16043	42.16755	74.82582	71.85515	63.24107	0	36.75893	6.72175	30.03718	34.00572	2
1715.215	1714.415	1111.915	77.71488	27.42789	77.11095	76.96405	66.5452	0	33.4548	6.765593	26.68921	33.32248	2
1715.22	1714.42	1111.92	81.06097	43.87264	79.81231	78.531	64.48385	0	35.51615	10.6782	24.83795	33.42982	2
1715.225	1714.425	1111.925	82.39124	26.229	82.08111	81.11809	60.25611	0.408256	39.33563	9.395702	29.93993	34.5644	2
1715.23	1714.43	1111.93	81.46086	25.74279	80.80797	79.04515	63.88618	0	36.11382	16.64355	19.47026	34.27478	2
1715.235	1714.435	1111.935	82.34227	63.19472	80.26117	78.94722	65.08052	0	34.91948	12.64494	22.27454	32.48718	2
1715.24	1714.44	1111.94	86.35757	48.08873	86.02296	85.19869	51.50678	3.25681	45.23641	31.32373	13.91268	32.88342	2
1715.245	1714.445	1111.945	89.30376	47.10298	89.23847	88.22648	46.94761	5.525702	47.52668	20.6265	26.90019	32.4088	2
1715.25	1714.45	1111.95	84.00715	29.19958	84.24383	83.92554	53.8129	2.838615	43.34849	24.49879	18.8497	33.31757	2
1715.255	1714.455	1111.955	86.49631	57.66651	85.75365	84.70901	52.22377	2.581578	45.19465	17.62125	27.5734	32.91034	2
1715.26	1714.46	1111.96	83.1992	34.36146	82.16273	81.46086	63.17391	0	36.82609	10.83003	25.99606	33.87826	2
1715.265	1714.465	1111.965	85.84342	45.20474	85.25581	82.49733	54.63845	2.029005	43.33255	27.01621	16.31633	33.7563	2
1715.27	1714.47	1111.97	92.22546	155.2293	89.15686	87.38588	41.36876	1.615156	57.01609	36.24801	20.76808	31.01707	2
1715.275	1714.475	1111.975	86.5616	74.38434	85.85158	85.65571	47.86499	3.841429	48.29358	28.77659	19.51699	31.91569	2
1715.28	1714.48	1111.98	87.4022	101.659	88.25913	90.78909	28.34732	11.6833	59.96938	28.98281	30.98657	29.86562	2
1715.285	1714.485	1111.985	95.76742	180.8722	95.139	89.49147	12.99308	15.45128	71.55564	55.56671	15.98893	31.54336	2
1715.29	1714.49	1111.99	87.32059	91.12214	86.43918	83.42771	44.44441	4.639856	50.91574	22.25922	28.65652	31.86265	2
1715.295	1714.495	1111.995	87.45933	66.41173	87.30427	89.30376	44.66751	5.592693	49.7398	16.04368	33.69612	31.28398	2
1715.3	1714.5	1112	85.95768	63.69425	85.50065	83.10126	49.04688	3.746453	47.20666	27.54746	19.6592	32.58964	2
1715.305	1714.505	1112.005	84.70901	61.0567	84.82327	84.75798	46.4065	4.914036	48.67947	30.95301	17.72645	31.8161	2
1715.31	1714.51	1112.01	85.39455	45.19808	85.01098	85.10891	53.47179	2.527253	44.00096	31.17602	12.82494	33.0116	2
1715.315	1714.515	1112.015	83.81128	48.12203	83.32161	82.89723	55.04304	1.840833	43.11613	22.2696	20.84653	33.23603	2
1715.32	1714.52	1112.02	77.91075	60.87687	77.11095	75.44607	59.78833	0.339556	39.87212	23.511	16.36112	33.69531	2
1715.325	1714.525	1112.025	77.31498	56.2012	76.94773	74.71973	58.11574	0.820353	41.06391	23.93357	17.13034	33.56195	2
1715.33	1714.53	1112.03	76.00103	96.08421	74.70341	71.95309	56.88329	1.361458	41.75525	21.83758	19.91768	32.54332	2
1715.335	1714.535	1112.035	76.26219	82.70329	74.83398	70.97375	60.89319	0.242471	38.86434	14.94033	23.92401	33.73399	2
1715.34	1714.54	1112.04	76.73554	74.51089	75.85413	73.70774	58.20258	0.851864	40.94556	24.65197	16.29359	33.1508	2
1715.345	1714.545	1112.045	78.34329	92.25443	78.4249	77.66591	44.96611	4.547268	50.48662	30.40602	20.08061	30.97963	2
1715.35	1714.55	1112.05	77.21705	115.313	75.797	76.14793	52.05991	2.590278	45.34981	27.63368	17.71613	30.97963	2
1715.355	1714.555	1112.055	73.76487	71.3738	72.61414	69.5537	63.78199	0	36.21801	24.06602	12.15199	33.70403	2
1715.36	1714.56	1112.06	73.14462	106.9674	71.34916	69.27622	60.73564	0.893668	38.37069	12.51919	25.8515	32.59358	2
1715.365	1714.565	1112.065	72.46724	35.57367	71.2349	68.91713	74.27193	0	25.72807	14.84482	10.88325	32.95285	2
1715.37	1714.57	1112.07	71.37364	49.72721	70.6881	68.48459	67.61519	0	32.38481	7.321389	25.06342	33.21138	2
1715.375	1714.575	1112.075	79.19206	113.1684	77.09463	72.9814	56.0116	1.243651	42.74475	20.49621	22.24854	32.56324	2
1715.38	1714.58	1112.08	74.1158	55.18881	73.15278	71.39813	65.92117	0	34.07883	13.58207	20.49676	33.305	2
1715.385	1714.585	1112.085	70.45959	33.00938	69.9536	70.5004	71.11035	0	28.88965	12.89021	15.99943	32.45761	2
1715.39	1714.59	1112.09	72.41827	33.4956	72.24689	70.41879	66.59749	0	33.40251	21.06512	12.3374	33.27411	2
1715.395	1714.595	1112.095	73.70774	41.96108	73.47107	73.39762	63.86852	0	36.13148	18.42566	17.70582	33.29176	2
1715.4	1714.6	1112.1	75.7562	25.52299	75.51952	74.85031	65.96196	0	34.03804	13.83766	20.20038	33.4418	2
1715.405	1714.605	1112.105	72.68759	36.4795	72.27953	69.70876	67.46183	0	32.53817	21.25667	11.28149	33.34883	2
1715.41	1714.61	1112.11	77.75569	33.91521	77.41292	77.76385	62.91375	0	37.08625	11.41733	25.66891	33.73224	8

1715.415	1714.615	1112.115	78.32697	54.73589	77.11095	75.51136	64.11723	0	35.88277	23.72112	12.16166	33.43757	8
1715.42	1714.62	1112.12	91.25428	157.8003	92.24995	97.92197	10.14199	18.83539	71.02262	63.98788	7.034739	29.74078	8
1715.425	1714.625	1112.125	103.0717	72.81246	103.6838	104.7202	22.80976	22.964	54.22624	41.2832	12.94304	29.84607	8
1715.43	1714.63	1112.13	100.811	211.1242	103.3655	95.58787	0	44.43624	55.56376	55.56376	0	-9999	8
1715.435	1714.635	1112.135	78.88193	90.85572	78.08213	74.92376	51.63996	2.573621	45.78642	20.28154	25.50489	32.18356	2
1715.44	1714.64	1112.14	79.02883	28.16055	79.11044	78.75951	59.84613	0.44132	39.71255	24.652	15.06055	34.16252	2
1715.445	1714.645	1112.145	77.70672	38.27783	77.89443	78.00052	57.79185	0.944534	41.26361	11.12119	30.14243	33.4518	2
1715.45	1714.65	1112.15	79.76334	42.36737	79.16757	77.21705	60.98201	0	39.01799	22.01458	17.00341	34.43312	2
1715.455	1714.655	1112.155	77.71488	25.74279	77.11912	76.49887	66.88974	0	33.11026	14.22977	18.88048	33.38713	2
1715.46	1714.66	1112.16	78.40042	20.80737	78.40042	77.3966	62.83623	0	37.16377	11.10704	26.05673	34.35732	2
1715.465	1714.665	1112.165	80.3591	46.9298	79.73885	78.47387	59.51955	0.391161	40.08929	23.00808	17.08121	33.99551	2
1715.47	1714.67	1112.17	90.19333	101.346	89.78527	89.55676	35.65887	8.244476	56.09666	22.24055	33.85611	30.67255	2
1715.475	1714.675	1112.175	80.2122	23.58479	80.13059	79.82863	61.12975	0.117714	38.75254	16.34942	22.40312	34.54503	2
1715.48	1714.68	1112.18	80.44072	29.51929	80.51417	80.62026	58.28163	0.990454	40.72791	27.47106	13.25686	33.83578	2
1715.485	1714.685	1112.185	78.26984	33.13593	77.91891	77.71488	62.69256	0	37.30744	22.92511	14.38233	33.92368	2
1715.49	1714.69	1112.19	82.88091	110.0846	80.54681	76.93141	55.19836	0.747361	44.05428	22.2403	21.81398	32.7346	2
1715.495	1714.695	1112.195	82.48101	21.42013	82.57895	82.46469	58.17481	1.265093	40.5601	21.33473	19.22537	34.09067	2
1715.5	1714.7	1112.2	90.16884	58.28594	89.23847	88.78961	50.14987	3.221584	46.62855	16.76538	29.86317	32.68844	2
1715.505	1714.705	1112.205	97.89748	97.46293	97.7669	98.34635	27.36027	14.08019	58.55954	27.5863	30.97324	30.37488	2
1715.51	1714.71	1112.21	95.139	150.5936	94.82072	92.91916	18.49517	14.67777	66.82705	52.2594	14.56765	30.64199	2
1715.515	1714.715	1112.215	85.20685	64.99305	84.83959	84.4397	48.7276	3.845656	47.42675	32.42506	15.00168	32.11968	2
1715.52	1714.72	1112.22	86.88805	51.85856	86.55344	86.45551	50.10644	3.726594	46.16697	27.5745	18.59246	32.51593	2
1715.525	1714.725	1112.225	89.55676	32.51651	89.60572	89.40985	49.3593	5.134374	45.50633	16.5264	28.97994	32.75575	2
1715.53	1714.73	1112.23	90.43816	42.5472	90.69116	90.00562	44.53974	7.172547	48.28771	25.01742	23.27029	32.11613	2
1715.535	1714.735	1112.235	89.89953	51.64543	90.18517	87.44301	42.58052	7.595845	49.82363	17.66273	32.1609	32.17474	2
1715.54	1714.74	1112.24	93.76793	68.996	93.66183	93.18848	37.85872	9.388198	52.75309	19.27285	33.48024	31.25716	2
1715.545	1714.745	1112.245	89.86688	90.82908	89.23031	89.12421	40.27527	6.46861	53.25612	27.64233	25.61379	31.07438	2
1715.55	1714.75	1112.25	93.28642	56.421	93.06606	93.25377	42.23034	7.684668	50.08499	25.03502	25.04997	31.6519	2
1715.555	1714.755	1112.255	89.61388	55.73497	89.67917	89.57308	43.56137	6.799252	49.63938	17.90312	31.73626	31.74761	2
1715.56	1714.76	1112.26	86.85541	62.00249	86.99415	87.70417	44.01319	6.060993	49.92582	25.09224	24.83358	31.48187	2
1715.565	1714.765	1112.265	85.65571	50.99936	85.90871	85.32926	46.89418	5.126954	47.97887	27.40189	20.57698	32.14294	2
1715.57	1714.77	1112.27	81.67305	50.52647	80.97119	79.3308	58.07281	0.773485	41.1537	11.32394	29.82976	33.81581	2
1715.575	1714.775	1112.275	88.03062	103.6838	86.93702	83.74599	42.39574	4.966041	52.63822	24.81551	27.82272	31.57502	2
1715.58	1714.78	1112.28	82.75849	36.55276	82.09744	81.20787	60.1396	0.242813	39.61759	25.23572	14.38187	34.37269	2
1715.585	1714.785	1112.285	79.82047	38.7707	79.42873	78.31881	60.21862	0.254997	39.52638	25.97783	13.54855	34.21606	2
1715.59	1714.79	1112.29	80.60394	61.53625	80.33462	80.43256	53.03982	2.327923	44.63225	28.53182	16.10044	32.42366	2
1715.595	1714.795	1112.295	84.20302	67.72385	83.85209	83.81945	48.86376	3.714439	47.4218	15.65063	31.77116	31.97573	2
1715.6	1714.8	1112.3	79.75518	39.54332	80.13059	80.23669	54.14629	2.187247	43.66646	15.35076	28.3157	32.93997	2
1715.605	1714.805	1112.305	82.63607	75.83632	81.68122	81.76283	53.02257	2.052445	44.92498	20.50576	24.41922	32.29623	2
1715.61	1714.81	1112.31	96.87734	138.7113	96.71411	94.08621	18.56969	15.90475	65.52556	48.06003	17.46552	30.84657	2
1715.615	1714.815	1112.315	79.89392	34.12168	80.52233	80.14691	53.36996	2.520322	44.10971	20.74976	23.35995	33.0169	2
1715.62	1714.82	1112.32	81.10993	45.85746	81.46086	81.28132	51.56164	3.074307	45.36405	26.54868	18.81537	32.56825	2
1715.625	1714.825	1112.325	82.5055	65.43264	82.63607	81.84444	47.24826	4.338775	48.41297	25.99387	22.4191	31.88017	2
1715.63	1714.83	1112.33	81.13442	30.46507	81.4119	81.24867	55.83332	1.847196	42.31949	18.44943	23.87006	33.47652	2
1715.635	1714.835	1112.335	79.20838	27.34131	78.51468	75.6501	65.88787	0	34.11213	16.74568	17.36645	33.96534	2
1715.64	1714.84	1112.34	78.62893	32.43658	78.531	77.68224	60.57072	0.180505	39.24878	20.42027	18.82851	34.28731	2
1715.645	1714.845	1112.345	78.50652	37.9448	78.01685	76.94773	62.38631	0	37.61369	20.02903	17.58466	34.04009	2
1715.65	1714.85	1112.35	76.51519	27.15481	76.36829	75.38078	64.17305	0	35.82695	16.45953	19.36742	33.80036	2
1715.655	1714.855	1112.355	80.00817	66.24522	79.30631	77.95156	55.80056	1.406144	42.79329	29.15957	13.63372	32.98787	2
1715.66	1714.86	1112.36	84.23567	114.7669	82.06479	79.86943	51.55388	1.607383	46.83874	29.49262	17.34612	31.97439	2
1715.665	1714.865	1112.365	88.58558	73.9181	88.24281	87.63888	43.26955	5.913414	50.81703	18.21722	32.59982	31.57284	2
1715.67	1714.87	1112.37	84.70085	62.00249	83.59093	81.99134	55.6725	1.188381	43.13912	18.99524	24.14388	33.39332	2
1715.675	1714.875	1112.375	87.53278	49.96699	87.17369	86.45551	50.16079	3.780534	46.05867	23.96358	22.0951	32.69193	2
1715.68	1714.88	1112.38	92.92732	46.87652	92.39685	91.99695	47.27394	5.373315	47.35275	31.86556	15.48719	32.48443	2
1715.685	1714.885	1112.385	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1716.005	1715.205	1112.705	108.3438	127.968	110.1311	112.7182	0	47.44702	52.55298	52.55298	0	-9999	2
1716.01	1715.21	1112.71	99.13798	103.8503	96.93446	92.73962	40.73855	2.738702	56.52275	19.62865	36.89411	32.50622	2
1716.015	1715.215	1112.715	97.49759	47.45598	96.98343	97.69345	42.80257	8.129008	49.06842	19.46172	29.6067	31.79747	2
1716.02	1715.22	1112.72	99.25224	128.0279	98.13416	95.78374	26.37032	10.9481	62.68159	27.26123	35.42036	30.95334	2
1716.025	1715.225	1112.725	95.45729	116.0057	92.43765	90.96864	47.50809	0	52.49191	20.58482	31.90708	31.14	2
1716.03	1715.23	1112.73	100.5907	121.6139	99.9133	96.74676	23.27571	14.18493	62.53937	45.20065	17.33872	31.03807	2
1716.035	1715.235	1112.735	106.3688	76.16935	105.4792	104.4101	30.60189	13.88774	55.51037	35.62912	19.88125	30.99026	2
1716.04	1715.24	1112.74	99.87249	83.08293	99.28488	97.65265	32.56518	11.67987	55.75495	23.03236	32.72259	31.15081	2
1716.045	1715.245	1112.745	97.39149	42.72037	97.78323	99.48075	37.02554	13.14137	49.83309	24.8137	25.01939	30.87091	2
1716.05	1715.25	1112.75	100.0765	72.08647	99.5542	98.73809	34.53262	11.51615	53.95123	37.47655	16.47468	31.16144	2
1716.055	1715.255	1112.755	97.44046	98.68846	94.66566	93.22113	47.97689	0	52.02311	12.22598	39.79713	31.58686	2
1716.06	1715.26	1112.76	98.63199	146.2577	95.51442	90.06275	38.02539	0.416904	61.5577	21.26522	40.29249	32.28696	2
1716.065	1715.265	1112.765	100.6886	190.077	97.06504	92.98445	29.45047	0.202657	70.34688	29.8507	40.49617	31.61898	2
1716.07	1715.27	1112.77	96.86101	71.4737	95.44913	93.7516	44.53334	4.363394	51.10327	30.43662	20.66665	32.42191	2
1716.075	1715.275	1112.775	93.94747	49.38086	94.11886	95.66948	40.28992	9.577924	50.13215	24.19586	25.93629	31.22598	2
1716.08	1715.28	1112.78	93.84138	54.89575	94.29024	95.30223	36.90246	11.2858	51.81174	32.80572	19.00603	30.96042	2
1716.085	1715.285	1112.785	100.0194	194.1799	97.73426	89.87504	18.70039	8.50653	72.79308	56.87334	15.91973	32.00776	8
1716.09	1715.29	1112.79	106.0587	139.3108	106.7116	105.4629	3.652887	32.03703	64.31009	62.07677	2.233319	-9999	8

1716.095	1715.295	1112.795	100.0194	122.2533	96.98343	93.11503	41.92556	0	58.07444	30.50289	27.57155	31.5565	8
1716.1	1715.3	1112.8	110.4657	231.825	109.2334	96.83653	0	24.4646	75.5354	75.5354	0	-9999	8
1716.105	1715.305	1112.805	110.4412	93.81298	111.6001	113.4445	6.709956	42.54997	50.74007	38.89182	11.84826	-9999	8
1716.11	1715.31	1112.81	101.8638	68.59637	100.9987	99.22776	36.38938	10.17435	53.43627	37.4848	15.95147	31.60348	8
1716.115	1715.315	1112.815	99.41546	34.05508	98.99924	97.84852	43.52215	9.158353	47.31949	17.98735	29.33215	32.29435	8
1716.12	1715.32	1112.82	103.8633	118.57	102.0678	99.34201	29.66663	7.777371	62.556	38.86928	23.68672	31.54051	8
1716.125	1715.325	1112.825	108.099	107.0407	107.846	109.1762	16.60583	23.80324	59.59093	49.05224	10.53869	29.83677	8
1716.13	1715.33	1112.83	105.8873	129.2601	103.643	102.6636	28.69628	5.616713	65.68701	28.22116	37.46585	31.45145	8
1716.135	1715.335	1112.835	101.0395	61.42303	100.5417	97.81587	36.03745	11.69031	52.27224	37.3573	14.91494	31.66331	2
1716.14	1715.34	1112.84	100.1418	32.39662	100.0112	99.43179	41.04154	11.52908	47.42938	25.86871	21.56067	31.80033	2
1716.145	1715.345	1112.845	100.5744	29.1463	100.9171	102.4841	37.76173	15.02503	47.21324	28.31506	18.89818	30.90378	2
1716.15	1715.35	1112.85	97.64449	82.68997	96.29789	92.67433	40.59221	5.790682	53.61711	25.08194	28.53516	32.26932	2
1716.155	1715.355	1112.855	100.5172	84.25518	99.21143	97.62816	37.25427	7.431309	55.31442	20.61696	34.69746	31.67777	2
1716.16	1715.36	1112.86	104.7121	135.4677	102.5902	97.63633	27.3265	6.702907	65.97059	41.17872	24.79187	31.98918	2
1716.165	1715.365	1112.865	98.38715	103.4574	97.16298	93.00894	33.93451	8.224476	57.84102	40.0621	17.77891	31.69431	2
1716.17	1715.37	1112.87	95.60419	60.03098	95.10636	95.23694	41.37484	7.897304	50.72785	17.59454	33.13331	31.61795	2
1716.175	1715.375	1112.875	93.49045	87.87183	92.93549	90.34023	37.02475	8.314808	54.66044	21.88388	32.77656	31.4536	8
1716.18	1715.38	1112.88	99.88881	193.7803	104.2795	97.74242	0	56.34827	43.65173	43.65173	0	-9999	8
1716.185	1715.385	1112.885	105.8628	130.2192	105.9036	104.6794	10.77693	25.43684	63.78623	55.9659	7.820327	30.63961	8
1716.19	1715.39	1112.89	99.2604	174.0386	98.84418	96.13467	9.788805	18.49248	71.71872	55.30601	16.41271	31.34132	8
1716.195	1715.395	1112.895	98.92579	214.8873	96.59986	92.63352	15.01154	9.488639	75.49982	57.41841	18.0814	31.27597	8
1716.2	1715.4	1112.9	98.23209	124.4179	99.17879	101.162	12.18043	23.0182	64.80136	43.89142	20.90995	30.19696	8
1716.205	1715.405	1112.905	100.3377	90.53602	100.4846	100.0684	24.64114	17.54739	57.81147	37.93055	19.88092	30.42365	8
1716.21	1715.41	1112.91	97.05688	123.8584	95.30223	92.49478	34.33249	6.111456	59.55605	28.53954	31.01651	31.34367	8
1716.215	1715.415	1112.915	103.9286	123.4255	102.7779	100.2642	23.43485	13.09651	63.46864	29.7593	33.70933	31.08808	8
1716.22	1715.42	1112.92	104.3203	97.50289	104.557	103.9939	18.59537	23.06663	58.338	46.17044	12.16757	30.19804	8
1716.225	1715.425	1112.925	100.9498	83.43594	100.9824	100.5499	26.68172	16.8523	56.46597	40.61803	15.84794	30.493	8
1716.23	1715.43	1112.93	93.69448	54.49612	93.40067	93.28642	42.88999	7.439146	49.67086	30.64421	19.02665	31.80694	8
1716.235	1715.435	1112.935	92.71513	76.94862	93.53941	94.86969	29.69235	13.75541	56.55225	28.61148	27.94077	30.34367	8
1716.24	1715.44	1112.94	92.71513	97.03	93.37619	94.02092	26.09764	14.30921	59.59316	34.0384	25.55475	30.27914	8
1716.245	1715.445	1112.945	91.85005	40.9287	91.54808	90.25862	47.93343	5.450828	46.61574	15.84321	30.77254	32.74193	8
1716.25	1715.45	1112.95	106.4586	45.40455	107.0217	107.4461	26.70603	25.44631	47.84766	34.5523	13.29535	29.67882	8
1716.255	1715.455	1112.955	108.964	42.48726	108.4336	107.7562	33.58236	17.63053	48.78712	19.80696	28.98016	30.76933	8
1716.26	1715.46	1112.96	102.4025	175.5105	104.7284	98.4198	0	43.2118	56.7882	56.7882	0	-9999	8
1716.265	1715.465	1112.965	96.69779	124.4179	95.84903	101.2272	27.50681	10.94947	61.54372	39.94857	21.59515	29.42787	8
1716.27	1715.47	1112.97	105.365	120.8346	105.8954	110.9064	9.711068	28.62232	61.66661	44.46132	17.20529	29.35453	8
1716.275	1715.475	1112.975	92.16833	65.93884	91.6297	89.30376	43.42238	6.243258	50.33436	20.9248	29.40956	32.14255	3
1716.28	1715.48	1112.98	88.53661	46.31038	88.62638	94.0046	46.64347	5.678706	47.67783	28.04195	19.63587	31.16221	3
1716.285	1715.485	1112.985	93.92299	45.87078	94.38818	97.70978	38.88492	10.82427	50.29081	29.96153	20.32928	30.76184	3
1716.29	1715.49	1112.99	95.30223	37.67172	95.69396	98.04439	40.16943	10.98956	48.841	21.36145	27.47955	31.11688	3
1716.295	1715.495	1112.995	98.72176	48.27522	99.2604	101.2191	33.31893	15.73286	50.94821	29.66246	21.28575	30.43268	3
1716.3	1715.5	1113	100.2561	68.52311	99.30121	98.07703	38.58198	8.531362	52.88666	20.59468	32.29198	31.71255	3
1716.305	1715.505	1113.005	95.65316	44.09909	95.41648	94.1515	43.16134	8.256423	48.58224	34.14935	14.43289	32.15873	3
1716.31	1715.51	1113.01	97.37517	92.26109	96.85285	92.78858	32.13561	11.02697	56.83742	35.53932	21.29811	31.48892	3
1716.315	1715.515	1113.015	96.40399	51.43895	97.10585	99.62765	33.42068	14.66419	51.91513	32.0392	19.87594	30.38054	3
1716.32	1715.52	1113.02	92.10304	61.72941	92.35604	91.60521	38.36596	9.535126	52.09892	25.32793	26.77098	31.3532	3
1716.325	1715.525	1113.025	88.6427	80.4254	89.91585	90.59323	29.1189	12.76526	58.11584	24.71031	33.40553	30.43633	3
1716.33	1715.53	1113.03	88.6019	61.01674	89.26295	89.53227	38.59702	8.94872	52.45426	18.63685	33.8174	31.12899	3
1716.335	1715.535	1113.035	97.79139	125.1239	97.86484	97.96277	19.18269	17.10809	63.70923	45.42317	18.28605	30.33978	3
1716.34	1715.54	1113.04	96.73043	105.8884	97.30172	95.139	20.95555	17.87556	61.16889	37.9473	23.22159	30.73784	3
1716.345	1715.545	1113.045	96.37134	61.64948	97.10585	97.01608	30.72677	15.51436	53.75887	22.17553	31.58334	30.66422	3
1716.35	1715.55	1113.05	96.60802	71.01413	96.31421	95.22062	36.21217	10.39845	53.38938	26.74065	26.64872	31.28054	3
1716.355	1715.555	1113.055	96.33054	78.09423	97.0732	98.15048	26.72143	16.63295	56.64562	30.1939	26.45171	30.24555	3
1716.36	1715.56	1113.06	97.08137	75.10367	97.45678	97.49759	29.60059	14.94836	55.45104	24.69641	30.75464	30.56473	3
1716.365	1715.565	1113.065	97.04872	60.17751	97.30988	97.83219	34.12825	13.22936	52.64239	25.86925	26.77315	30.80438	3
1716.37	1715.57	1113.07	101.1538	39.10373	101.0069	100.2805	38.61389	12.76492	48.62119	23.31755	25.30364	31.50683	3
1716.375	1715.575	1113.075	102.2882	99.14137	101.9536	102.125	24.49586	16.45872	59.04542	36.79222	22.2532	30.37226	3
1716.38	1715.58	1113.08	109.3558	107.2938	110.988	117.3537	0.777746	46.64411	52.57815	52.57815	0	-9999	3
1716.385	1715.585	1113.085	96.75492	60.94347	96.74676	97.41597	36.3004	11.46095	52.23865	20.68154	31.55711	30.97809	3
1716.39	1715.59	1113.09	100.7213	42.56718	101.0314	103.0635	34.63172	15.85184	49.51644	27.0869	22.42954	30.49673	3
1716.395	1715.595	1113.095	100.3214	66.85798	99.87249	98.05255	35.00343	11.83994	53.15664	38.23161	14.92503	31.38052	3
1716.4	1715.6	1113.1	99.06453	45.55108	99.57053	100.0112	33.91582	15.68507	50.39911	19.78595	30.61317	30.7553	3
1716.405	1715.605	1113.105	97.27723	71.68018	98.44428	97.54655	24.11371	19.78495	56.10134	41.2942	14.80714	30.49615	3
1716.41	1715.61	1113.11	94.46163	57.91961	94.91865	96.3795	35.53681	12.02378	52.43942	21.57094	30.86848	30.74824	3
1716.415	1715.615	1113.115	100.2071	59.63135	100.2561	100.7947	32.99919	14.65744	52.34337	21.42424	30.91913	30.69583	3
1716.42	1715.62	1113.12	96.18364	88.97747	96.32238	97.4731	28.90327	13.75064	57.34609	29.09293	28.25316	30.31141	3
1716.425	1715.625	1113.125	95.37568	47.9422	96.55089	96.53457	31.54449	16.14821	52.3073	34.93345	17.37385	30.73544	3
1716.43	1715.63	1113.13	98.60751	85.24093	100.0276	103.1614	17.64743	23.99342	58.35914	34.60633	23.75281	29.66002	3
1716.435	1715.635	1113.135	100.1336	69.52884	100.8029	101.2517	25.86463	19.58803	54.54734	41.07235	13.47499	30.20675	3
1716.44	1715.64	1113.14	99.57869	111.3567	100.305	100.9171	15.81011	22.17944	62.01045	34.5295	27.48095	30.22835	3
1716.445	1715.645	1113.145	100.0357	91.48181	101.0395	101.064	18.0489	23.33906	58.61204	31.23512	27.37692	30.18906	3
1716.45	1715.65	1113.15	96.34686	113.8544	97.18746	96.00409	17.29346	19.64078	63.06576	36.21172	26.85403	30.61725	3
1716.455	1715.655	1113.155	96.45295	103.8503	97.66897	101.8638	16.70738	21.32645	61.96617	45.84128	16.1249	29.63542	8

1716.46	1715.66	1113.16	105.3894	94.09938	104.6305	101.1538	26.15183	15.41536	58.43281	41.02299	17.40982	31.176	8
1716.465	1715.665	1113.165	106.1648	60.41063	106.581	106.8829	24.48334	24.62042	50.89624	28.44543	22.45081	29.76333	8
1716.47	1715.67	1113.17	112.7753	64.95974	113.7465	114.8972	12.9998	43.52147	43.47873	37.13663	6.342103	27.90053	8
1716.475	1715.675	1113.175	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1716.48	1715.68	1113.18	87.72049	24.13095	87.68785	86.44735	53.71046	3.307683	42.98186	15.57665	27.40521	33.67201	8
1716.485	1715.685	1113.185	91.99695	52.12498	91.09922	91.05841	49.70597	3.645593	46.64844	19.78638	26.86206	32.70085	8
1716.49	1715.69	1113.19	99.92962	110.5241	99.6603	101.5292	23.40513	15.68723	60.90764	38.03096	22.87668	30.04419	8
1716.495	1715.695	1113.195	106.3117	75.01708	107.1931	109.2987	17.20823	30.30493	52.48685	26.02072	26.46613	29.14254	8
1716.5	1715.7	1113.2	107.34	140.0434	110.9146	113.0773	0	66.07218	33.92782	33.92782	0	-9999	8
1716.505	1715.705	1113.205	108.5233	202.9717	113.8444	120.153	0	97.02302	2.976984	2.976984	0	-9999	8
1716.51	1715.71	1113.21	102.1903	117.3245	101.4068	99.75007	23.66434	14.28164	62.05402	36.37386	25.68016	30.80468	2
1716.515	1715.715	1113.215	94.46979	79.17989	94.46979	94.23311	33.92626	11.077	54.99673	37.10151	17.89523	30.85684	2
1716.52	1715.72	1113.22	93.76793	84.82132	93.40883	94.43714	35.98971	9.208954	54.80134	28.04563	26.75571	30.72763	2
1716.525	1715.725	1113.225	92.38869	62.12904	91.62154	90.683	45.9126	5.064804	49.02259	24.82141	24.20119	32.24399	2
1716.53	1715.73	1113.23	93.74344	139.1443	92.92732	91.22164	26.40804	10.65056	62.9414	32.43788	30.50352	30.4949	2
1716.535	1715.735	1113.235	93.59654	69.36233	94.13518	93.40883	32.93105	12.52782	54.54112	31.85405	22.68708	30.91413	2
1716.54	1715.74	1113.24	90.42184	78.28072	88.91202	85.96584	49.56907	2.363457	48.06748	25.62824	22.43924	32.85784	2
1716.545	1715.745	1113.245	92.40501	101.9987	91.60521	91.00129	36.50212	7.616978	55.8809	29.8628	26.0181	30.89049	2
1716.55	1715.75	1113.25	94.79623	76.06278	94.72278	94.12702	34.94951	10.70756	54.34293	22.22163	32.1213	31.0179	2
1716.555	1715.755	1113.255	93.86586	64.81321	93.49045	90.69116	40.86807	7.834443	51.29748	23.14567	28.15181	32.00982	2
1716.56	1715.76	1113.26	93.90667	116.1722	92.88652	87.54094	33.39833	8.196942	58.40473	22.45388	35.95085	31.55163	2
1716.565	1715.765	1113.265	93.79241	195.452	90.07907	83.81945	35.18996	1.541841	63.2682	24.04695	39.22125	31.18323	2
1716.57	1715.77	1113.27	90.25862	134.2421	88.07958	87.92452	41.363	3.545163	55.09184	20.46924	34.6226	30.72126	2
1716.575	1715.775	1113.275	88.85489	76.24261	88.65903	87.81026	41.32076	6.756824	51.92241	29.73095	22.19146	31.40549	2
1716.58	1715.78	1113.28	87.81842	115.3996	85.84342	80.9059	46.58664	2.669332	50.74403	15.50958	35.23445	32.15512	2
1716.585	1715.785	1113.285	86.92069	84.82132	87.49198	89.92401	35.07876	9.193174	55.72807	36.44719	19.28088	30.21411	2
1716.59	1715.79	1113.29	89.49147	86.41984	89.71998	92.69881	34.98327	9.465453	55.55127	25.66584	29.88543	30.15547	2
1716.595	1715.795	1113.295	90.41368	57.34015	89.68734	89.06709	48.57227	4.073212	47.35451	23.87807	23.47644	32.49697	2
1716.6	1715.8	1113.3	86.24332	63.94735	84.91304	80.62842	55.4905	1.010908	43.49859	25.68825	17.81034	33.92965	2
1716.605	1715.805	1113.305	91.16451	96.32399	88.13671	85.94135	56.28368	0	43.71632	20.81439	22.90193	30.73795	2
1716.61	1715.81	1113.31	90.34839	26.88839	90.11172	90.59323	52.20672	4.000829	43.79246	20.7466	23.04586	33.16539	2
1716.615	1715.815	1113.315	93.62102	33.96849	93.18848	92.90284	49.00049	5.33576	45.66375	27.95196	17.7118	32.83855	8
1716.62	1715.82	1113.32	99.6603	54.86244	99.73375	95.97961	34.46657	13.99751	51.53591	22.75235	28.78356	31.61741	8
1716.625	1715.825	1113.325	100.8763	83.14954	100.403	96.36318	30.74005	13.20058	56.05936	35.10307	20.95629	31.45755	8
1716.63	1715.83	1113.33	113.4201	53.60361	113.9097	113.3711	18.88653	37.64381	43.46966	15.04673	28.42293	28.43105	8
1716.635	1715.835	1113.335	110.0903	80.26555	109.7802	110.4902	21.69614	23.93352	54.37034	28.67949	25.69086	29.6962	8
1716.64	1715.84	1113.34	99.0074	198.0963	98.87683	100.4764	1.985882	21.75752	76.2566	76.2566	0	-9999	8
1716.645	1715.845	1113.345	92.88652	45.8175	93.46596	96.06938	38.96588	10.58617	50.44796	35.18317	15.26478	30.89468	8
1716.65	1715.85	1113.35	99.52156	52.62452	99.71743	99.26856	34.18705	14.53971	51.27324	21.1199	30.15334	30.96827	8
1716.655	1715.855	1113.355	103.5532	91.26867	104.7366	104.4999	13.47292	29.7064	56.82068	45.27443	11.54625	29.97903	8
1716.66	1715.86	1113.36	95.50626	175.9501	94.1107	89.5894	20.36992	11.00459	68.62549	48.21035	20.41514	30.97432	8
1716.665	1715.865	1113.365	97.12217	72.47944	97.53023	97.75058	29.94512	15.00413	55.05075	24.86524	30.18551	30.54836	2
1716.67	1715.87	1113.37	96.81205	110.2444	95.72661	93.30274	32.66591	8.743388	58.5907	24.54246	34.04825	31.16578	2
1716.675	1715.875	1113.375	93.48228	113.3216	92.66617	89.41802	32.8974	8.78742	58.31518	41.40193	16.91325	31.12979	2
1716.68	1715.88	1113.38	98.9666	114.0009	98.58302	93.27009	24.33522	14.43192	61.23287	27.46641	33.76645	31.38664	2
1716.685	1715.885	1113.385	96.19996	106.4346	96.02041	95.41648	27.13035	13.15064	59.71902	25.71955	33.99947	30.5346	2
1716.69	1715.89	1113.39	94.33921	82.07054	94.37185	93.98828	33.09386	11.35046	55.55568	33.34839	22.20729	30.81233	2
1716.695	1715.895	1113.395	96.26525	73.07888	97.13849	98.35451	26.98322	16.99975	56.01703	32.10944	23.90759	30.22922	2
1716.7	1715.9	1113.4	98.8197	52.19825	99.15431	96.21628	33.86069	14.75901	51.3803	31.23352	20.14678	31.39725	2
1716.705	1715.905	1113.405	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1717.005	1716.206	1113.706	89.23031	15.97185	89.48331	89.34457	52.0822	4.657831	43.25997	25.74286	17.5171	33.32561	2
1717.01	1716.212	1113.712	91.39302	63.17473	89.52411	86.49631	55.11419	0.134656	44.75115	9.778689	34.97246	34.04846	2
1717.015	1716.217	1113.717	94.01276	69.4689	93.3109	90.73197	42.13621	6.628477	51.23531	27.3775	23.85781	32.09223	2
1717.02	1716.223	1113.723	97.06504	65.26613	96.71411	95.70213	37.62547	9.994252	52.38028	33.04127	19.33901	31.42373	2
1717.025	1716.229	1113.729	96.55089	45.41121	96.0857	94.43714	43.78887	7.667346	48.54378	31.33288	17.2109	32.3376	2
1717.03	1716.235	1113.735	96.68963	38.69744	96.12651	94.86969	46.04495	6.750866	47.20418	15.6703	31.53388	32.63109	2
1717.035	1716.24	1113.74	92.89468	38.00475	92.25811	91.76844	50.27318	4.265757	45.46106	21.95127	23.50979	33.02853	2
1717.04	1716.246	1113.746	93.13951	51.62545	91.76028	90.96864	52.5074	1.890784	45.60182	20.43896	25.16286	33.39362	8
1717.045	1716.252	1113.752	94.53508	59.12516	93.40883	91.40934	47.44783	4.091755	48.46042	18.33962	30.1208	32.80505	8
1717.05	1716.258	1113.758	97.79955	79.9525	96.86917	93.11503	37.88631	8.069249	54.04444	33.21989	20.82455	31.97708	8
1717.055	1716.263	1113.763	97.61184	138.6647	95.01659	92.69065	36.75348	2.714207	60.53232	21.2597	39.27262	31.46334	8
1717.06	1716.269	1113.769	94.36369	82.92308	93.84138	89.74446	37.16596	8.607486	54.22655	29.66782	24.55873	31.8	8
1717.065	1716.275	1113.775	110.7677	105.0026	112	115.4767	3.132494	44.94297	51.92454	51.92454	0	-9999	8
1717.07	1716.281	1113.781	110.6208	73.09886	111.1431	112.7916	16.49102	33.85865	49.65033	37.97314	11.67719	28.72496	8
1717.075	1716.286	1113.786	103.643	119.0429	103.2267	105.3894	19.0658	18.39262	62.54158	40.46647	22.07511	29.97457	8
1717.08	1716.292	1113.792	93.04974	93.66645	91.53176	87.1084	43.4913	4.078837	52.42986	31.97167	20.4582	32.36895	2
1717.085	1716.298	1113.798	85.64755	33.98847	84.79879	83.19103	59.55696	0.366499	40.07655	16.14561	23.93094	34.59275	2
1717.09	1716.304	1113.804	85.99032	51.752	84.6274	81.56696	58.92753	0.025521	41.04695	11.951	29.09594	34.49778	2
1717.095	1716.309	1113.809	87.62256	51.05931	86.69218	84.40705	54.2413	1.862641	43.89606	12.62549	31.27057	33.61034	2
1717.1	1716.315	1113.815	87.5083	83.89551	87.14921	82.06479	41.97261	6.060423	51.96696	32.5676	19.39937	32.09233	2
1717.105	1716.321	1113.821	90.34023	56.76734	89.59756	88.62638	48.90496	3.938354	47.15668	33.95704	13.19964	32.60779	2
1717.11	1716.327	1113.827	92.80491	96.67699	91.10738	89.47514	44.37948	3.424401	52.19612	27.25204	24.94408	31.91728	2
1717.115	1716.332	1113.832	92.60088	127.7615	90.55242	87.2553	39.76445	3.969151	56.2664	24.88377	31.38263	31.44475	2

1717.12	1716.338	1113.838	91.95614	136.6599	90.5769	81.65673	33.01776	7.262568	59.71967	35.44169	24.27798	31.90087	2
1717.125	1716.344	1113.844	84.85592	57.12701	83.6399	82.16273	57.53195	0.578427	41.88963	19.07363	22.816	33.77523	2
1717.13	1716.35	1113.85	83.32161	44.90501	83.12575	80.8651	53.99508	2.318779	43.68614	19.39352	24.29262	33.41447	2
1717.135	1716.355	1113.855	82.44021	57.59324	82.06479	82.70136	53.12691	2.359904	44.51319	26.26739	18.2458	32.49233	8
1717.14	1716.361	1113.861	92.30707	212.2498	89.00996	86.49631	29.2657	4.556788	66.17751	42.58735	23.59016	29.9108	8
1717.145	1716.367	1113.867	96.41215	226.3034	99.26856	104.5815	0	39.88993	60.11007	60.11007	0	-9999	8
1717.15	1716.373	1113.873	98.44428	207.341	102.0597	105.1854	0	47.72185	52.27815	52.27815	0	-9999	8
1717.155	1716.378	1113.878	102.7207	107.5669	103.7817	103.2186	11.24334	28.50988	60.24678	48.37539	11.87139	30.32993	8
1717.16	1716.384	1113.884	102.2392	153.7574	103.9939	106.3117	0	36.60314	63.39686	63.39686	0	-9999	8
1717.165	1716.39	1113.89	96.24893	94.34582	97.13849	96.75492	21.72514	18.51522	59.75964	42.30245	17.45718	30.4108	8
1717.17	1716.396	1113.896	85.40271	29.29283	85.41904	86.40654	54.21414	2.757703	43.02816	22.80019	20.22797	33.18008	2
1717.175	1716.401	1113.901	85.37823	34.63454	85.29662	84.6274	53.70296	2.786897	43.51014	25.84886	17.66129	33.32471	2
1717.18	1716.407	1113.907	85.27214	50.79289	84.07244	83.24816	58.55538	0.300302	41.14431	20.17382	20.97049	33.97394	2
1717.185	1716.413	1113.913	83.90106	49.76051	83.52564	82.84826	53.67845	2.321646	43.99991	25.10187	18.89804	33.0246	2
1717.19	1716.419	1113.919	84.69269	62.2023	83.81128	81.54248	53.86068	1.888771	44.25055	30.99861	13.25194	33.20001	2
1717.195	1716.424	1113.924	90.44632	154.3102	87.38588	85.43536	43.16475	1.656136	55.17912	22.7053	32.47382	30.9979	2
1717.2	1716.43	1113.93	88.84673	110.7772	87.27163	86.02296	43.66	3.936535	52.40347	35.05506	17.3484	31.29531	2
1717.205	1716.436	1113.936	90.56874	107.5802	89.92401	88.29177	35.63903	7.8635	56.49747	26.72013	29.77735	30.87243	2
1717.21	1716.442	1113.942	93.35987	116.8916	92.64984	90.54426	31.32384	9.471775	59.20439	25.53418	33.67021	30.81	2
1717.215	1716.447	1113.947	86.54528	72.33291	85.37823	82.62791	51.91841	2.181425	45.90017	27.5377	18.36246	32.95959	2
1717.22	1716.453	1113.953	84.80695	42.13425	84.39073	83.19103	55.00683	2.002006	42.99117	26.38297	16.6082	33.50236	2
1717.225	1716.459	1113.959	87.86739	76.77545	87.22266	87.45117	45.57902	4.697396	49.72358	27.52959	22.19399	31.58738	2
1717.23	1716.465	1113.965	86.59425	51.76532	85.67203	84.56211	54.95324	1.615899	43.43086	31.71016	11.7207	33.44104	2
1717.235	1716.47	1113.97	89.15686	64.3936	89.65469	86.97782	38.53424	8.87208	52.59368	31.43832	21.15536	31.63553	2
1717.24	1716.476	1113.976	85.05995	77.32827	84.27647	83.71335	49.10333	3.318422	47.57825	26.78257	20.79568	31.99169	2
1717.245	1716.482	1113.982	86.53712	61.24319	87.00231	87.05943	41.9598	7.005459	51.03474	22.25401	28.78073	31.38894	2
1717.25	1716.488	1113.988	85.06811	47.6558	84.68453	84.82327	53.17735	2.572108	44.25054	26.98779	17.26275	32.88732	2
1717.255	1716.493	1113.993	82.56262	55.8815	82.84826	76.35196	48.30534	4.163072	47.53159	16.32388	31.2077	33.19758	2
1717.26	1716.499	1113.999	79.9184	68.01691	79.32263	76.78451	54.63217	1.759979	43.60785	14.73402	28.87384	32.97167	2
1717.265	1716.505	1114.005	85.09259	189.764	82.95436	74.71973	32.36321	6.845896	60.79089	33.85803	26.93286	30.50532	2
1717.27	1716.511	1114.011	75.97655	33.45563	75.2502	74.89111	67.63449	0	32.36551	11.34947	21.01604	33.05203	2
1717.275	1716.516	1114.016	78.66974	33.12927	77.91075	77.69856	65.48873	0	34.51127	16.83436	17.67691	33.38638	2
1717.28	1716.522	1114.022	80.6121	37.372	80.73452	80.34278	55.84411	1.707885	42.44801	25.74432	16.70369	33.36141	2
1717.285	1716.528	1114.028	82.1056	88.57784	80.51417	78.07397	55.3606	1.120206	43.51919	18.50432	25.01488	32.84446	2
1717.29	1716.534	1114.034	79.15941	33.91521	78.88193	78.6779	61.11633	0.01394	38.86973	16.56343	22.3063	34.25972	2
1717.295	1716.539	1114.039	74.58099	67.3775	73.20991	70.59833	65.70599	0	34.29401	13.67048	20.62353	33.39082	2
1717.3	1716.545	1114.045	80.62842	73.46519	79.19206	76.08265	59.17513	0.248225	40.57665	19.01824	21.55841	33.78225	2
1717.305	1716.551	1114.051	78.13926	65.35271	77.66591	77.76385	55.96497	1.412359	42.62267	28.5584	14.06426	32.63208	2
1717.31	1716.557	1114.057	80.00817	51.29242	79.67357	79.15941	56.57293	1.294024	42.13305	23.6086	18.52445	33.22081	2
1717.315	1716.562	1114.062	75.81333	47.39604	75.51952	75.37262	61.05887	0.009258	38.93187	13.81275	25.11912	33.77421	2
1717.32	1716.568	1114.068	82.46469	59.17178	82.95436	84.45602	46.01797	4.933867	49.04817	24.88053	24.16763	31.41022	2
1717.325	1716.574	1114.074	91.32773	106.9608	90.80542	90.56874	34.14192	8.679378	57.1787	33.10181	24.07689	30.57386	2
1717.33	1716.58	1114.08	90.33207	92.50753	89.76079	89.32824	38.93512	7.044226	54.02066	19.42045	34.60021	31.01327	2
1717.335	1716.585	1114.085	85.90871	89.16396	84.11325	83.57461	53.30112	1.18638	45.51249	20.50407	25.00843	32.46768	2
1717.34	1716.591	1114.091	76.45806	71.11404	77.29866	78.278	45.93433	4.182387	49.88329	30.46541	19.41788	31.04946	2
1717.345	1716.597	1114.097	80.82429	72.70589	79.82047	78.30249	55.82647	1.292099	42.88143	26.85268	16.02875	32.9412	2
1717.35	1716.603	1114.103	88.58558	165.6663	84.79879	81.31396	47.75763	0.133781	52.10859	30.50461	21.60398	31.3931	2
1717.355	1716.608	1114.108	77.52717	99.66089	77.66591	75.83781	43.48183	4.921713	51.59646	33.76085	17.83561	30.85915	2
1717.36	1716.614	1114.114	84.80695	242.7748	82.80746	76.41725	18.72215	10.79395	70.48391	37.64515	32.83876	29.79603	2
1717.365	1716.62	1114.12	88.61006	226.9761	90.08723	91.71947	0	23.47481	76.52519	76.52519	0	-9999	2
1717.37	1716.626	1114.126	68.68045	85.6339	67.09718	65.82404	68.36092	0	31.63908	12.23379	19.40529	33.25539	2
1717.375	1716.631	1114.131	69.66796	34.37478	69.04771	67.83169	72.39372	0	27.60628	18.71406	8.892223	32.71519	2
1717.38	1716.637	1114.137	72.96507	52.48465	71.89596	70.48407	68.45649	0	31.54351	15.38469	16.15882	33.01741	2
1717.385	1716.643	1114.143	79.00435	87.77858	77.33131	73.79751	59.03966	0.435718	40.52462	18.65912	21.8655	33.43171	2
1717.39	1716.649	1114.149	87.90004	209.0261	86.14538	88.16936	22.14622	9.747624	68.10616	39.5825	28.52366	28.77962	2
1717.395	1716.654	1114.154	93.54757	136.5334	95.43281	99.65214	6.284605	24.08317	69.63222	56.86224	12.76998	-9999	2
1717.4	1716.66	1114.16	83.23184	64.1405	83.68887	82.2933	44.36275	5.520365	50.11688	22.74143	27.37545	31.73022	2
1717.405	1716.666	1114.166	76.65393	28.36036	76.56415	76.66209	63.31092	0	36.68908	12.41317	24.27591	33.71998	2
1717.41	1716.672	1114.172	74.49938	24.89691	73.75671	72.36931	71.1912	0	28.8088	9.033611	19.77519	32.94764	2
1717.415	1716.677	1114.177	78.4249	39.00382	78.40042	80.03266	58.59991	0.732598	40.66749	21.99907	18.66842	33.31507	2
1717.42	1716.683	1114.183	86.15354	55.0889	86.1617	85.71284	47.34398	4.806996	47.84903	25.80901	22.04002	32.12005	2
1717.425	1716.689	1114.189	85.98216	50.1668	86.36573	86.56976	45.78334	5.678538	48.53812	29.67844	18.85969	31.8745	2
1717.43	1716.695	1114.195	81.86892	60.71701	81.24051	80.3591	54.85726	1.709617	43.43312	24.51524	18.91788	32.94939	2
1717.435	1716.7	1114.2	88.52845	127.0488	88.50396	88.78961	27.99776	10.68493	61.31731	26.55846	34.75884	30.0021	2
1717.44	1716.706	1114.206	89.60572	229.8535	90.11172	92.78858	0	20.35881	79.64119	79.64119	0	-9999	2
1717.445	1716.712	1114.212	76.92325	95.77783	75.02985	70.91662	60.72618	0.294464	38.97935	10.81226	28.16709	33.50697	2
1717.45	1716.718	1114.218	72.39379	44.52537	71.21042	69.37415	71.7937	0	28.2063	16.79038	11.41592	32.92487	2
1717.455	1716.723	1114.223	76.90692	135.9539	75.38078	71.86331	48.17238	3.728741	48.09888	16.98541	31.11347	30.7873	2
1717.46	1716.729	1114.229	77.36395	52.43803	76.69473	75.18492	61.32159	0	38.67841	13.75364	24.92477	33.97295	2
1717.465	1716.735	1114.235	83.79496	173.0062	81.11809	72.54885	41.78686	4.139924	54.07322	32.44849	21.62473	31.08688	2
1717.47	1716.741	1114.241	87.30427	133.7559	86.53712	83.14207	33.25656	7.908241	58.8352	41.41381	17.42139	30.61359	2
1717.475	1716.746	1114.246	80.09795	102.5382	80.32646	80.77532	39.72466	6.193783	54.08155	31.62964	22.45192	30.27801	2
1717.48	1716.752	1114.252	80.62842	51.18585	80.22036	79.71437	56.59733	1.28407	42.1186	23.26654	18.85206	33.25895	2

1717.485	1716.758	1114.258	77.10279	44.06579	77.12728	74.31983	58.21176	0.790252	40.99799	15.86711	25.13087	33.89698	2
1717.49	1716.764	1114.264	79.02883	71.35381	79.15125	78.94722	49.07711	3.454779	47.46811	29.98618	17.48192	31.69195	2
1717.495	1716.769	1114.269	76.56415	67.68388	76.01736	74.69524	57.41917	1.03985	41.54098	17.31157	24.22941	32.97961	2
1717.5	1716.775	1114.275	81.97502	45.72425	81.64041	80.34278	56.11093	1.520831	42.36824	17.21071	25.15753	33.49456	2
1717.505	1716.781	1114.281	83.60725	50.9261	83.15839	79.71437	54.23591	2.082829	43.68126	15.29938	28.38188	33.58642	2
1717.51	1716.787	1114.287	79.70621	60.17751	78.19639	78.21271	63.80842	0	36.19158	20.80785	15.38372	32.95853	2
1717.515	1716.792	1114.292	79.93472	50.40658	79.99185	76.18058	53.81892	2.184617	43.99646	26.7903	17.20616	33.40806	2
1717.52	1716.798	1114.298	81.88525	33.93519	82.1464	81.62409	54.42929	2.333908	43.23681	22.96096	20.27584	33.27159	2
1717.525	1716.804	1114.304	76.72738	47.00307	75.82965	72.88346	64.99348	0	35.00652	8.544774	26.46175	33.7016	2
1717.53	1716.81	1114.31	78.59629	70.82097	78.51468	73.58532	51.18523	2.799642	46.01513	30.61751	15.39762	32.80345	2
1717.535	1716.815	1114.315	81.00384	66.47168	80.37543	77.09463	54.26051	1.860522	43.87897	24.8267	19.05226	33.14451	2
1717.54	1716.821	1114.321	81.08545	96.35729	79.72253	74.7687	52.64553	2.050674	45.30379	20.4476	24.85619	32.68077	2
1717.545	1716.827	1114.327	85.58226	117.0048	82.78298	80.96303	54.64362	0.04935	45.30703	25.14263	20.16441	32.44728	2
1717.55	1716.833	1114.333	84.23567	53.98992	83.9337	84.01531	51.77785	2.948272	45.27388	32.71769	12.5562	32.54463	2
1717.555	1716.838	1114.338	81.49351	41.52149	81.06097	81.10993	58.32998	0.824648	40.84537	18.768	22.07738	33.67947	2
1717.56	1716.844	1114.344	79.35528	48.36181	79.43689	75.76436	54.65709	1.912537	43.43037	25.23811	18.19225	33.51651	2
1717.565	1716.85	1114.35	79.99185	46.74331	79.54299	77.21705	58.57432	0.701536	40.72414	16.95354	23.77061	33.98107	2
1717.57	1716.856	1114.356	81.58328	114.8668	78.46571	75.02985	61.3068	0	38.6932	10.86562	27.82758	32.34141	2
1717.575	1716.861	1114.361	86.36573	225.3776	80.3183	76.03368	52.86977	0	47.13023	13.22352	33.90671	28.65351	2
1717.58	1716.867	1114.367	99.30937	177.6552	100.4927	101.7577	0	29.50627	70.49373	70.49373	0	-9999	2
1717.585	1716.873	1114.373	97.00791	153.5842	96.39583	95.01659	18.32903	14.42154	67.24943	53.24741	14.00202	30.59135	2
1717.59	1716.879	1114.379	77.78833	106.3547	76.35196	75.20124	53.82875	2.032816	44.13843	17.81304	26.32539	31.69813	2
1717.595	1716.884	1114.384	76.93141	77.84113	76.8498	76.08265	51.01804	2.792726	46.18923	15.10164	31.08759	31.78472	2
1717.6	1716.89	1114.39	78.6371	69.93513	78.21271	77.81282	54.01853	1.959805	44.02167	26.7694	17.25227	32.36872	2
1717.605	1716.896	1114.396	77.76385	76.28924	76.41725	72.60598	60.43138	0.187563	39.38106	14.8027	24.57836	33.86682	2
1717.61	1716.902	1114.402	84.01531	201.7595	80.00817	74.19741	44.93544	2.637377	52.42718	29.61673	22.81045	30.33304	2
1717.615	1716.907	1114.407	86.09642	156.7013	82.75849	81.81179	48.73849	1.162271	50.09924	21.5919	28.50735	30.86386	2
1717.62	1716.913	1114.413	89.61388	194.2398	87.5083	84.57844	26.86747	7.783655	65.34887	29.49144	35.85743	29.88728	2
1717.625	1716.919	1114.419	76.01736	41.64137	74.83398	73.77303	69.15795	0	30.84205	7.114322	23.72773	32.90365	2
1717.63	1716.925	1114.425	80.58762	65.89221	79.69805	77.36395	56.80763	1.061836	42.13053	20.64887	21.48166	33.35944	2
1717.635	1716.93	1114.43	82.85643	58.17271	82.79114	83.42771	50.20029	3.421818	46.3779	16.0803	30.29759	32.08909	2
1717.64	1716.936	1114.436	84.05612	73.81819	83.67254	84.93753	47.77708	3.975153	48.24777	21.56457	26.6832	31.48362	2
1717.645	1716.942	1114.442	96.54273	176.9559	98.48509	101.064	0	30.86621	69.13379	69.13379	0	-9999	2
1717.65	1716.948	1114.448	89.63021	79.20653	89.23031	87.84291	41.47144	6.521427	52.00713	27.52292	24.48421	31.51046	2
1717.655	1716.953	1114.453	93.15584	66.88463	92.82939	92.6172	40.64052	7.807355	51.55213	24.45087	27.10125	31.45866	2
1717.66	1716.959	1114.459	84.37441	67.25095	84.65189	87.30427	43.95034	5.70033	50.34933	26.0532	24.29613	30.93576	2
1717.665	1716.965	1114.465	78.9717	58.75883	78.86561	76.11529	53.94863	2.04149	44.00987	21.39206	22.61781	33.02482	2
1717.67	1716.971	1114.471	78.45755	76.43577	78.59629	75.53585	48.24636	3.64899	48.10465	27.17966	20.92499	32.00196	2
1717.675	1716.976	1114.476	84.57844	76.14937	85.48433	83.07678	36.73904	8.434388	54.82658	37.09154	17.73503	31.23458	2
1717.68	1716.982	1114.482	88.28361	59.23839	88.39787	88.02245	43.5579	6.512013	49.93009	33.82171	16.10837	31.69739	2
1717.685	1716.988	1114.488	84.56211	93.87293	83.58277	79.64908	47.07551	3.695211	49.22928	16.35386	32.87542	32.08018	2
1717.69	1716.994	1114.494	89.47514	92.91382	88.51212	86.52896	42.66112	5.185227	52.15365	30.18103	21.97262	31.57999	2
1717.695	1716.999	1114.499	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1718	1717.35	1114.85	113.673	47.9755	113.6241	114.1709	24.19022	30.44892	45.36086	17.03109	28.32977	28.85969	2
1718.005	1717.356	1114.856	110.7758	73.47851	110.6861	106.6789	21.00018	26.94718	52.05264	38.54456	13.50808	30.2553	2
1718.01	1717.362	1114.862	103.9286	50.7063	103.6185	101.0151	34.51823	14.90774	50.57403	29.71375	20.86027	31.37868	2
1718.015	1717.367	1114.867	97.53839	51.51888	96.6325	96.11835	44.81777	6.152379	49.02985	31.08253	17.94733	32.30864	2
1718.02	1717.373	1114.873	94.75543	49.21435	93.58838	91.57257	49.95976	3.310579	46.72966	30.71208	16.01758	33.28206	2
1718.025	1717.379	1114.879	95.09004	60.33737	93.93931	91.95614	46.83365	4.278249	48.8881	16.10984	32.77825	32.72567	2
1718.03	1717.385	1114.885	103.4144	53.27059	103.2839	101.9862	32.97922	16.0212	50.99959	32.77314	18.22645	30.96191	2
1718.035	1717.39	1114.89	106.6544	43.55293	106.4341	103.7001	33.04584	18.11175	48.84241	27.13232	21.71009	31.07355	2
1718.04	1717.396	1114.896	104.6305	58.07946	104.2306	104.1326	32.78396	15.34405	51.87199	33.51669	18.3553	30.77692	2
1718.045	1717.402	1114.902	102.533	67.73051	101.6924	101.2762	35.79349	10.75817	53.44834	31.24656	22.20178	31.27923	2
1718.05	1717.408	1114.908	104.8426	56.81397	104.2959	101.7332	34.03348	14.22075	51.74578	19.77553	31.97025	31.38982	2
1718.055	1717.413	1114.913	104.81	48.64821	104.1408	104.4346	36.98836	12.61067	50.40097	20.50372	29.89725	31.20247	2
1718.06	1717.419	1114.919	101.0559	77.63465	99.65214	97.35068	39.11988	6.593168	54.28696	20.69686	33.5901	32.04991	2
1718.065	1717.425	1114.925	103.2349	94.05276	102.5983	98.8197	27.19656	14.61627	58.18717	38.51095	19.67622	31.24316	2
1718.07	1717.431	1114.931	105.112	109.3919	103.5124	100.3866	29.22099	9.241351	61.53766	35.64055	25.89711	31.57101	2
1718.075	1717.436	1114.936	101.8312	102.6248	103.0717	102.4677	11.86625	28.3236	59.81016	41.47058	18.33957	30.32486	2
1718.08	1717.442	1114.942	102.6391	71.2206	101.9454	97.20378	33.71279	12.16812	54.11909	31.47224	22.64685	31.84842	2
1718.085	1717.448	1114.948	105.1038	72.90571	105.3078	103.798	24.08009	22.09432	53.82559	34.64492	19.18067	30.30384	2
1718.09	1717.454	1114.954	104.5978	72.97231	103.5777	99.21143	34.01686	11.18559	54.79756	24.15266	30.6449	31.91317	2
1718.095	1717.459	1114.959	102.076	79.61282	101.1783	97.23643	33.78118	10.82635	55.39247	22.59027	32.8022	31.74998	2
1718.1	1717.465	1114.965	95.95512	70.01506	95.12268	94.51875	41.22906	6.979754	51.79119	25.77794	26.01325	31.70069	2
1718.105	1717.471	1114.971	95.6858	61.70277	94.51875	93.8985	46.08162	4.533947	49.38443	18.0014	31.38303	32.38945	2
1718.11	1717.477	1114.977	95.06555	94.37246	94.42082	95.30223	34.69824	9.140698	56.16106	21.05895	35.10212	30.64726	2
1718.115	1717.482	1114.982	93.52309	72.78582	92.25811	91.9235	46.14821	3.970159	49.88163	26.2495	23.63213	32.14057	2
1718.12	1717.488	1114.988	98.62383	111.7031	97.42414	92.03776	31.53156	9.037607	59.43083	38.83263	20.5982	31.73017	2
1718.125	1717.494	1114.994	99.64398	91.6683	97.83219	95.52258	40.18512	4.38311	55.43176	29.32309	26.10867	32.11357	2
1718.13	1717.5	1115	99.82352	98.16228	98.59935	97.44862	33.89446	8.555152	57.55039	23.27059	34.27979	31.20493	2
1718.135	1717.505	1115.005	98.8605	118.0305	96.25709	92.37236	40.66143	1.362534	57.97603	23.44766	34.52837	32.37182	2
1718.14	1717.511	1115.011	94.30656	100.1937	92.65801	91.18899	41.76741	4.274546	53.95805	34.56405	19.394	31.66557	2
1718.145	1717.517	1115.017	94.09437	107.5069	91.71947	90.27494	45.822	1.379375	52.79862	30.4092	22.38943	32.09627	2

1718.15	1717.523	1115.023	93.54757	117.7708	91.09922	90.63403	44.41046	1.693716	53.89583	16.85742	37.03841	31.5903	2
1718.155	1717.528	1115.028	98.54222	112.6555	95.59603	92.50294	44.91147	0	55.08853	24.23846	30.85007	31.51975	2
1718.16	1717.534	1115.034	99.88065	105.6087	97.56288	95.18797	40.51525	2.307446	57.1773	28.19406	28.98324	32.20304	2
1718.165	1717.54	1115.04	102.2147	148.9085	98.24025	93.62919	40.7289	0	59.2711	24.67526	34.59583	25.90604	2
1718.17	1717.546	1115.046	100.8273	160.7509	96.27341	91.62154	43.63015	0	56.36985	32.447	23.92285	23.20685	2
1718.175	1717.551	1115.051	99.92146	175.9501	95.77558	90.56058	37.6229	0	62.3771	26.0006	36.37649	27.478	2
1718.18	1717.557	1115.057	99.52156	97.97579	98.06071	95.52258	36.05162	6.921813	57.02656	24.66151	32.36505	31.65672	2
1718.185	1717.563	1115.063	96.70595	74.07795	95.23694	95.52258	44.48851	4.173822	51.33767	31.1103	20.22737	32.01009	2
1718.19	1717.569	1115.069	97.29356	47.60917	96.59986	96.8855	44.34469	6.971635	48.68368	24.36992	24.31375	32.07806	2
1718.195	1717.574	1115.074	96.93446	39.63657	96.16731	96.32238	47.17366	5.810399	47.01594	18.81536	28.20058	32.55546	2
1718.2	1717.58	1115.08	98.84418	103.5306	96.12651	92.02143	45.07091	0	54.92909	20.68744	34.24165	32.69446	2
1718.205	1717.586	1115.086	94.4453	94.68551	91.35222	90.00562	54.16786	0	45.83214	20.45708	25.37507	29.87261	2
1718.21	1717.592	1115.092	93.53941	97.33638	91.88269	90.75645	43.22792	3.837215	52.93487	33.7668	19.16807	31.72852	2
1718.215	1717.597	1115.097	97.23643	158.2199	97.08137	85.5741	13.455	17.53306	69.01193	44.72186	24.29008	32.65584	2
1718.22	1717.603	1115.103	93.164	108.7724	90.86255	88.11223	45.80245	1.684589	52.51296	29.66912	22.84384	32.22566	2
1718.225	1717.609	1115.109	97.88116	117.4777	96.02041	89.12421	35.94054	5.328823	58.73064	33.07957	25.65107	32.30533	2
1718.23	1717.615	1115.115	92.69881	142.1481	90.86255	90.936	34.5483	5.867198	59.5845	30.64541	28.93909	30.31623	2
1718.235	1717.62	1115.12	91.7766	129.4	91.06657	90.25862	29.75341	9.586826	60.65976	37.60321	23.05655	30.33515	2
1718.24	1717.626	1115.126	93.74344	79.04002	92.33972	90.71564	45.5072	3.823873	50.66892	23.49778	27.17114	32.26029	2
1718.245	1717.632	1115.132	94.30656	98.62851	93.00894	89.81791	39.42648	5.839572	54.73395	27.75298	26.98097	31.74313	2
1718.25	1717.638	1115.138	94.33105	102.9911	92.75594	88.00613	40.49867	4.817802	54.68353	28.2289	26.45462	32.11534	8
1718.255	1717.643	1115.143	103.8225	223.3262	107.0951	107.8052	0	58.31701	41.68299	41.68299	0	-9999	8
1718.26	1717.649	1115.149	99.28488	168.91	100.2479	93.90667	0.318288	27.35655	72.32516	72.32516	0	-9999	8
1718.265	1717.655	1115.155	90.60139	108.9323	87.7613	84.91304	52.29582	0	47.70418	28.29427	19.40992	32.08228	8
1718.27	1717.661	1115.161	90.5361	81.67091	89.32008	87.91636	46.36655	3.786174	49.84727	28.12255	21.72472	32.08277	8
1718.275	1717.666	1115.166	90.86255	83.32271	88.77328	86.39022	52.43415	0.532321	47.03353	19.89239	27.14114	33.17586	8
1718.28	1717.672	1115.172	93.7516	92.08791	93.09055	92.80491	36.58643	8.222893	55.19068	30.67027	24.5204	30.95802	8
1718.285	1717.678	1115.178	99.83168	107.8999	100.6315	102.3535	15.84465	22.75007	61.40528	36.83372	24.57155	29.97758	8
1718.29	1717.684	1115.184	101.0967	181.9912	102.7779	101.7006	0	36.03256	63.96744	63.96744	0	-9999	8
1718.295	1717.689	1115.189	107.9113	115.8259	109.6577	111.192	0	45.17496	54.82504	54.82504	0	-9999	8
1718.3	1717.695	1115.195	109.4047	62.01581	110.0903	110.6779	19.02688	32.76641	48.20671	32.51442	15.69229	28.94617	8
1718.305	1717.701	1115.201	109.8373	56.1679	110.0087	110.1229	24.02883	27.31937	48.65181	17.75094	30.90086	29.42439	8
1718.31	1717.707	1115.207	110.833	55.99473	111.2247	110.5392	21.447	31.53366	47.01934	34.65236	12.36698	29.15169	8
1718.315	1717.712	1115.212	114.3667	70.50127	114.9217	116.913	13.42034	41.75786	44.82179	19.82272	24.99908	27.77912	8
1718.32	1717.718	1115.218	117.0844	56.54089	117.2721	118.6187	17.14471	41.37678	41.47851	14.81138	26.66713	27.46852	8
1718.325	1717.724	1115.224	106.0505	184.1692	105.1201	107.2094	5.075001	20.55389	74.37111	74.37111	0	-9999	8
1718.33	1717.73	1115.23	84.51315	52.25819	83.6399	83.7868	56.36908	1.19122	42.4397	29.16902	13.27067	33.30646	2
1718.335	1717.735	1115.235	83.59093	32.9894	83.72151	85.32926	54.10092	2.590682	43.3084	14.73241	28.57599	32.90493	2
1718.34	1717.741	1115.241	92.62536	120.2418	91.2298	88.21016	36.50176	6.288055	57.21019	33.17404	24.03615	31.18738	2
1718.345	1717.747	1115.247	95.22878	93.63315	94.33105	87.4022	36.68771	7.872734	55.43956	39.51927	15.92028	32.25958	2
1718.35	1717.753	1115.253	87.949	73.47185	86.67586	85.23949	51.1736	2.271356	46.55505	23.10471	23.45033	32.67605	2
1718.355	1717.758	1115.258	85.50881	58.66558	83.66438	82.08111	61.42913	0	38.57087	13.93423	24.63664	33.07801	2
1718.36	1717.764	1115.264	82.09744	50.18012	81.37925	80.69371	57.8927	0.821276	41.28603	16.22864	25.05739	33.61347	2
1718.365	1717.77	1115.27	81.11809	34.10836	81.55064	83.31345	53.76492	2.505061	43.73002	26.05583	17.67418	32.7037	2
1718.37	1717.776	1115.276	82.30963	40.40252	82.91355	84.82327	49.81729	3.928192	46.25451	21.31372	24.94079	32.06199	2
1718.375	1717.781	1115.281	82.73401	48.89465	81.50983	79.87759	61.53958	0	38.46042	19.31451	19.14591	33.89588	2
1718.38	1717.787	1115.287	85.36191	41.58143	84.64372	82.08111	56.97026	1.204334	41.8254	15.855	25.9704	34.12837	2
1718.385	1717.793	1115.293	83.32977	19.66842	83.19103	82.80746	59.65208	0.785976	39.56194	29.34503	10.2169	34.46381	2
1718.39	1717.799	1115.299	85.8679	27.09487	86.28412	86.54528	51.21887	4.174472	44.60666	19.16064	25.44602	32.87298	2
1718.395	1717.804	1115.304	83.08494	34.06174	82.97884	83.07678	56.14115	1.761649	42.0972	24.76379	17.3334	33.48348	2
1718.4	1717.81	1115.31	78.91458	39.04378	78.03317	76.89876	64.7809	0	35.2191	22.15897	13.06013	33.53406	2
1718.405	1717.816	1115.316	80.87326	41.88115	80.09795	78.66974	61.47003	0	38.52997	24.63377	13.8962	34.21467	2
1718.41	1717.822	1115.322	83.02781	51.26578	82.2933	81.29764	56.90052	1.107425	41.99206	28.62656	13.36549	33.53315	2
1718.415	1717.827	1115.327	83.03597	44.73184	82.88907	81.57512	53.92029	2.345358	43.73436	23.46394	20.27042	33.20369	2
1718.42	1717.833	1115.333	83.95819	35.84009	83.92554	83.99899	54.33816	2.438314	43.22352	23.86338	19.36014	33.19788	2
1718.425	1717.839	1115.339	86.16987	53.21064	85.44352	83.66438	53.47592	2.22619	44.29789	19.63733	24.66056	33.25831	8
1718.43	1717.845	1115.345	89.51595	110.9571	86.82276	84.67637	51.66593	0.047048	48.28702	20.92997	27.35705	32.5403	8
1718.435	1717.85	1115.35	97.44046	202.4522	98.98292	86.03929	0	31.20801	68.79199	68.79199	0	-9999	8
1718.44	1717.856	1115.356	101.6679	141.3023	102.6963	103.8633	4.300944	29.0325	66.66656	66.66656	0	-9999	8
1718.445	1717.862	1115.362	108.05	125.1506	109.3803	113.0283	0	41.54054	58.45946	58.45946	0	-9999	8
1718.45	1717.868	1115.368	105.5772	111.4233	106.2464	108.6376	10.71814	29.5778	59.70405	40.76442	18.93963	29.63649	8
1718.455	1717.873	1115.373	108.3764	89.05073	109.4456	110.8248	10.45776	36.90837	52.63387	45.42801	7.205862	29.06826	8
1718.46	1717.879	1115.379	110.5636	75.38341	111.8613	112.2122	9.982052	43.28175	46.73619	42.48332	4.252877	28.51499	8
1718.465	1717.885	1115.385	103.7572	79.73271	103.8633	103.6674	24.42581	20.10475	55.46944	32.99179	22.47765	30.21302	8
1718.47	1717.891	1115.391	84.39889	60.14421	83.04413	81.5588	58.29748	0.269141	41.43338	19.63065	21.80273	33.82471	8
1718.475	1717.896	1115.396	84.89672	71.30719	83.82761	81.99134	52.92432	1.989392	45.08629	31.43203	13.65426	32.83384	8
1718.48	1717.902	1115.402	97.58736	150.214	99.41546	91.94798	0	29.74659	70.25341	70.25341	0	-9999	8
1718.485	1717.908	1115.408	104.7529	156.3949	106.0179	109.0946	0	36.80219	63.19781	63.19781	0	-9999	8
1718.49	1717.914	1115.414	109.7802	97.11658	110.6371	113.012	8.858874	37.80754	53.33359	40.7443	12.58929	28.88655	8
1718.495	1717.919	1115.419	101.0803	75.43003	101.0314	99.07269	29.13151	15.85123	55.01726	28.88836	26.12889	30.87765	8
1718.5	1717.925	1115.425	94.24127	56.55421	93.49045	92.13569	45.43083	5.629755	48.93941	30.32101	18.61841	32.36678	2
1718.505	1717.931	1115.431	88.15303	54.10315	86.92069	84.81511	55.35687	1.162831	43.4803	14.2505	29.2298	33.75644	2
1718.51	1717.937	1115.437	82.21169	36.37293	82.48101	83.14207	53.47577	2.653967	43.87026	28.0141	15.85616	32.86824	2

1718.515	1717.942	1115.442	83.25632	48.89465	83.99083	84.83959	45.87925	5.345616	48.77513	17.24358	31.53155	31.69155	2
1718.52	1717.948	1115.448	94.82888	83.30273	93.71896	91.76844	41.20006	5.924811	52.87513	29.55449	23.32064	31.82197	2
1718.525	1717.954	1115.454	95.31855	77.07517	93.28642	89.82608	49.40378	1.114174	49.48204	25.97737	23.50467	33.34042	2
1718.53	1717.96	1115.46	88.38155	33.98181	87.98981	87.87555	53.50134	2.943941	43.55472	29.14088	14.41384	33.31973	2
1718.535	1717.965	1115.465	89.34457	50.37327	88.43867	88.77328	52.63332	2.486753	44.87992	23.91819	20.96173	32.9526	2
1718.54	1717.971	1115.471	87.63072	55.56846	86.2678	85.1334	56.49478	0.670537	42.83468	16.42205	26.41263	33.72906	2
1718.545	1717.977	1115.477	91.30325	190.5366	88.14487	82.96252	34.36858	3.698453	61.93297	37.15436	24.77861	30.63476	2
1718.55	1717.983	1115.483	98.24841	164.4874	96.89366	92.78042	20.30486	11.51607	68.17907	35.139	33.04007	31.10928	2
1718.555	1717.988	1115.488	100.0684	73.96473	99.03189	97.30172	38.07029	8.256687	53.67302	22.17024	31.50279	31.7251	2
1718.56	1717.994	1115.494	95.28591	70.53457	94.06989	93.86586	44.69172	4.716133	50.59214	18.98901	31.60313	32.03884	2
1718.565	1718	1115.5	91.2706	69.7553	92.01327	92.68249	33.39459	11.74219	54.86322	37.08963	17.7736	30.65119	2
1718.57	1718.006	1115.506	91.93166	72.72587	92.10304	91.60521	36.49498	9.787963	53.71706	30.32105	23.39601	31.05146	2
1718.575	1718.011	1115.511	90.63403	40.60234	90.60139	89.76895	47.04392	5.937363	47.01872	20.22688	26.79183	32.46618	2
1718.58	1718.017	1115.517	88.43867	63.86076	88.46316	88.32442	42.99237	6.561592	50.44604	24.79108	25.65496	31.53904	2
1718.585	1718.023	1115.523	90.25046	91.58172	88.59374	85.77813	47.64638	2.650097	49.70352	21.74227	27.96125	32.3816	2
1718.59	1718.029	1115.529	86.36573	59.66466	84.89672	82.21169	57.48953	0.304961	42.20551	11.48996	30.71555	34.04885	2
1718.595	1718.034	1115.534	83.45219	42.31408	83.07678	82.8401	55.89344	1.664485	42.44208	31.3778	11.06428	33.38697	2
1718.6	1718.04	1115.54	82.62791	43.10002	82.39124	80.72636	55.38634	1.833135	42.78052	17.66874	25.11179	33.50917	2
1718.605	1718.046	1115.546	83.41139	46.6101	83.32977	82.51366	52.61437	2.803896	44.58173	31.36932	13.21241	32.89781	2
1718.61	1718.052	1115.552	84.03164	48.87467	84.31728	83.14207	48.64951	4.329639	47.02086	31.94211	15.07875	32.41036	2
1718.615	1718.057	1115.557	85.0273	62.00249	84.82327	81.14258	48.35151	4.095622	47.55287	28.36063	19.19224	32.68351	2
1718.62	1718.063	1115.563	84.17854	45.63767	83.71335	82.84826	55.11663	1.869145	43.01422	23.39598	19.61824	33.35798	2
1718.625	1718.069	1115.569	87.34508	51.31906	86.9615	85.76997	50.19603	3.706303	46.09767	24.98212	21.11555	32.73065	2
1718.63	1718.075	1115.575	93.17216	99.70085	91.2706	89.97298	44.89106	2.816397	52.29254	18.8356	33.45694	31.9117	2
1718.635	1718.08	1115.58	95.26958	156.0619	93.22929	88.6019	30.39729	6.396576	63.20613	29.12917	34.07697	31.123	2
1718.64	1718.086	1115.586	102.0842	202.6121	102.3045	106.2464	0	27.44653	72.55347	72.55347	0	-9999	2
1718.645	1718.092	1115.592	102.4759	114.9734	101.4884	98.68096	25.55176	12.8246	61.62364	36.05043	25.57321	31.09142	2
1718.65	1718.098	1115.598	86.54528	63.10147	85.31294	83.95819	54.65841	1.34455	43.99704	21.20599	22.79105	33.25917	2
1718.655	1718.103	1115.603	87.48382	37.55183	87.37772	87.41853	51.24958	3.833052	44.91736	28.36815	16.54921	32.83921	2
1718.66	1718.109	1115.609	91.63786	33.20254	91.02577	90.2423	52.40184	3.4572	44.14096	19.41171	24.72924	33.41332	2
1718.665	1718.115	1115.615	97.33436	33.86192	96.4856	95.40016	48.83571	5.178177	45.98611	28.12981	17.8563	33.10189	2
1718.67	1718.121	1115.621	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1719.01	1718.512	1116.012	105.5935	32.36997	105.316	105.5363	37.17094	15.65133	47.17773	29.86593	17.3118	31.0148	2
1719.015	1718.517	1116.017	105.3323	31.51077	105.2589	105.1365	36.0379	17.11356	46.84854	18.1207	28.72784	30.87535	2
1719.02	1718.523	1116.023	111.8205	47.10298	112.4244	112.2448	21.04582	35.41923	43.53495	24.49303	19.04192	28.59837	2
1719.025	1718.529	1116.029	108.3112	54.90241	108.5805	108.6621	24.98014	25.9397	49.08016	25.02676	24.0534	29.60055	2
1719.03	1718.535	1116.035	103.292	53.05745	103.4308	103.6348	31.0562	18.04553	50.89827	19.01474	31.88353	30.44334	2
1719.035	1718.54	1116.04	103.1859	53.05745	103.5124	102.9411	29.69908	19.44373	50.85719	27.90871	22.94849	30.44039	2
1719.04	1718.546	1116.046	95.33487	39.38347	95.10636	93.2048	44.53209	7.771973	47.69593	31.56982	16.12612	32.45009	2
1719.045	1718.552	1116.052	97.50575	57.24024	98.28106	98.64831	30.43391	16.601	52.9651	32.26291	20.70219	30.50889	2
1719.05	1718.558	1116.058	97.79955	35.93334	98.24841	97.73426	37.84984	13.41561	48.73455	16.42082	32.31373	31.33461	2
1719.055	1718.563	1116.063	96.11018	61.82265	96.99975	95.40016	29.72339	16.18063	54.09598	26.55605	27.53993	30.86165	2
1719.06	1718.569	1116.069	92.4703	61.08334	92.11937	91.9235	42.86487	6.922712	50.21242	23.60175	26.61067	31.70495	2
1719.065	1718.575	1116.075	88.55293	52.23155	88.65903	87.97349	45.06903	6.150042	48.78093	18.28825	30.49268	31.99667	2
1719.07	1718.581	1116.081	87.64704	60.60379	87.52462	86.42286	45.64734	5.405641	48.94701	35.03124	13.91577	32.01072	2
1719.075	1718.586	1116.086	92.74778	115.8326	92.60088	88.44684	27.77905	11.72436	60.49659	29.21055	31.28603	31.04689	2
1719.08	1718.592	1116.092	95.139	103.4973	94.10253	92.24178	35.4584	7.789577	56.75202	24.80444	31.94758	31.16548	2
1719.085	1718.598	1116.098	83.99083	42.5139	83.41139	83.37874	56.93076	1.254318	41.81492	28.43281	13.38211	33.55288	2
1719.09	1718.604	1116.104	85.85158	40.43583	85.16604	85.05995	56.54401	1.391409	42.06458	13.75131	28.31327	33.63497	2
1719.095	1718.609	1116.109	86.5616	40.24267	86.08825	85.29662	54.29305	2.336294	43.37066	17.71062	25.66003	33.40572	2
1719.1	1718.615	1116.115	90.50345	38.51094	90.11988	90.69116	50.38988	4.251769	45.35835	27.74332	17.61503	32.71802	2
1719.105	1718.621	1116.121	96.89366	111.057	93.67815	90.11172	48.90221	0	51.09779	29.07669	22.0211	30.04741	2
1719.11	1718.627	1116.127	98.65647	72.31292	98.03622	97.49759	36.54325	9.921062	53.53569	31.09028	22.44541	31.25102	2
1719.115	1718.632	1116.132	87.33691	34.22159	86.58609	85.60674	57.18734	1.257746	41.55492	29.12754	12.42738	34.08778	2
1719.12	1718.638	1116.138	87.33691	48.62157	88.0959	89.31192	42.00145	7.692681	50.30587	28.53351	21.77236	31.33108	2
1719.125	1718.644	1116.144	83.67254	80.05907	81.36293	79.57563	61.54648	0	38.45352	23.61859	14.83494	32.50794	2
1719.13	1718.65	1116.15	86.74931	71.68018	85.77813	83.36242	50.37068	2.843779	46.78554	19.83117	26.95437	32.67372	2
1719.135	1718.655	1116.155	87.27163	54.8358	86.72483	84.83143	50.67753	3.338591	45.98387	30.75459	15.22928	32.87717	2
1719.14	1718.661	1116.161	90.33207	48.38179	90.38104	89.47514	44.80661	6.637684	48.55571	17.27361	31.2821	32.10006	2
1719.145	1718.667	1116.167	87.54094	60.38399	87.51646	87.22266	45.03915	5.698039	49.26281	31.31832	17.94448	31.7895	2
1719.15	1718.673	1116.173	89.50779	51.55884	89.27928	86.21067	46.94657	5.279364	47.77407	15.06932	32.70474	32.71309	2
1719.155	1718.678	1116.178	88.66719	35.44712	87.49198	86.22699	58.95586	0.254983	40.78915	23.59579	17.19337	34.5627	2
1719.16	1718.684	1116.184	88.75696	64.327	87.37772	83.60725	53.46557	1.487547	45.04688	29.68577	15.36112	33.64116	2
1719.165	1718.69	1116.19	94.0046	113.3682	93.12319	92.48662	32.91158	8.716492	58.37193	35.11544	23.25649	30.65195	2
1719.17	1718.696	1116.196	92.3642	131.5513	91.67866	88.95283	28.50245	10.10593	61.39162	34.45923	26.93239	30.66713	2
1719.175	1718.701	1116.201	98.80337	128.2544	99.39914	98.85234	13.44615	21.59228	64.96157	52.85456	12.10701	30.57554	2
1719.18	1718.707	1116.207	83.86025	53.70352	83.3869	82.20353	53.52077	2.282178	44.19705	30.87833	13.31873	33.00923	2
1719.185	1718.713	1116.213	84.66821	56.82729	84.32544	82.97884	51.00951	3.172397	45.81809	16.4329	29.3852	32.66058	2
1719.19	1718.719	1116.219	91.76844	124.5112	90.80542	86.95334	32.90474	8.158025	58.93724	30.38572	28.55152	31.03429	2
1719.195	1718.724	1116.224	89.55676	82.20375	89.53227	87.04311	37.90422	8.19125	53.90453	34.74751	19.15702	31.36624	2
1719.2	1718.73	1116.23	75.08698	29.19958	74.85031	73.7159	65.6879	0	34.3121	23.66246	10.64964	33.43477	2
1719.205	1718.736	1116.236	79.28999	59.36493	77.86178	77.33131	63.7555	0	36.2445	23.5242	12.7203	33.10856	2
1719.21	1718.742	1116.242	80.75084	63.60767	80.55497	82.56262	51.83415	2.702164	45.46368	28.21593	17.24776	31.83926	2

1719.215	1718.747	1116.247	85.76997	49.53405	85.05995	82.09744	54.60707	1.899341	43.49359	24.04517	19.44842	33.68526	2
1719.22	1718.753	1116.253	85.37007	38.81067	84.86408	84.46418	55.9888	1.694504	42.31669	24.58741	17.72929	33.5843	2
1719.225	1718.759	1116.259	88.16936	40.08282	87.66336	87.49198	53.1056	2.843238	44.05116	16.86065	27.19052	33.17314	2
1719.23	1718.765	1116.265	87.72865	47.1163	86.5616	84.70901	56.93213	0.802297	42.26558	20.86083	21.40475	34.05563	2
1719.235	1718.77	1116.27	89.48331	44.9916	88.87122	86.77379	51.53108	3.311748	45.15717	17.92644	27.23073	33.27925	2
1719.24	1718.776	1116.276	93.57206	104.563	92.24178	87.75313	38.91907	5.830166	55.25076	30.98648	24.26428	31.83364	2
1719.245	1718.782	1116.282	88.38971	54.20306	87.54094	87.82659	52.14224	2.623315	45.23444	31.61342	13.62102	32.77132	2
1719.25	1718.788	1116.288	90.683	69.52218	90.3892	89.35273	42.02424	6.809433	51.16632	27.34974	23.81658	31.62496	2
1719.255	1718.793	1116.293	82.92988	38.03805	82.06479	81.43638	61.20372	0	38.79628	10.36451	28.43178	34.24346	2
1719.26	1718.799	1116.299	90.07091	88.49791	89.59756	88.03878	39.38672	7.055028	53.55825	29.47898	24.07928	31.26594	2
1719.265	1718.805	1116.305	92.19282	56.40102	91.88269	91.43383	43.93703	6.642911	49.42006	21.81136	27.6087	31.90331	8
1719.27	1718.811	1116.311	97.41597	162.3361	96.86101	88.202	15.39291	15.59294	69.01415	41.5345	27.47965	32.02721	8
1719.275	1718.816	1116.316	95.5389	92.26775	94.98394	92.80491	34.07636	9.731407	56.19223	30.88281	25.30943	31.18282	8
1719.28	1718.822	1116.322	94.72278	111.41	94.01276	92.77226	31.3965	9.777476	58.82603	22.95528	35.87075	30.73035	8
1719.285	1718.828	1116.328	97.39149	66.00544	97.69345	97.98726	32.08629	14.16695	53.74676	22.76841	30.97835	30.65208	8
1719.29	1718.834	1116.334	92.78042	76.98193	91.94798	88.92018	42.4638	5.944999	51.5912	22.01029	29.58091	32.07789	8
1719.295	1718.839	1116.339	96.13467	177.5486	94.46979	86.27596	21.49216	9.939157	68.56868	46.84941	21.71927	31.64552	8
1719.3	1718.845	1116.345	100.2397	240.3904	101.8638	104.3611	0	38.21516	61.78484	61.78484	0	-9999	8
1719.305	1718.851	1116.351	82.86459	71.67352	83.02781	83.68071	45.15461	4.99866	49.84673	16.48786	33.35887	31.27546	8
1719.31	1718.857	1116.357	87.77762	91.61502	87.42669	85.68836	39.79347	6.724978	53.48155	34.17064	19.31091	31.18841	8
1719.315	1718.862	1116.362	94.06989	131.5247	95.48994	96.06122	10.62138	21.79133	67.58729	59.76501	7.822273	30.67804	8
1719.32	1718.868	1116.368	98.8605	73.90478	99.54604	100.6641	25.85045	18.58005	55.5695	31.08972	24.47977	30.11286	8
1719.325	1718.874	1116.374	87.19001	50.37994	86.59425	85.09259	52.21043	2.835868	44.9537	24.04287	20.91083	33.09115	8
1719.33	1718.88	1116.38	83.22368	53.08409	82.59527	82.34227	55.45805	1.587656	42.95429	30.94147	12.01283	33.12185	2
1719.335	1718.885	1116.385	81.64857	41.7213	82.37492	83.37874	49.15758	4.062472	46.77994	32.55391	14.22603	32.09285	2
1719.34	1718.891	1116.391	81.71386	49.47411	81.9587	82.61159	50.95304	3.269023	45.77794	29.92083	15.85711	32.26092	2
1719.345	1718.897	1116.397	90.00562	108.879	87.79394	83.56645	47.98663	1.681036	50.33233	26.13985	24.19248	32.45972	2
1719.35	1718.903	1116.403	92.97629	122.8194	90.9768	87.68785	40.23556	3.911135	55.85331	23.89861	31.95469	31.54286	2
1719.355	1718.908	1116.408	101.7822	83.23613	101.3986	99.52156	29.18994	14.58309	56.22697	24.03466	32.19232	30.91902	2
1719.36	1718.914	1116.414	90.79726	47.06301	90.47081	88.29177	47.60724	5.213192	47.17957	16.12922	31.05034	32.73434	2
1719.365	1718.92	1116.42	89.23847	46.67004	88.3081	89.95665	53.81686	2.10628	44.07686	20.15821	23.91865	32.94097	2
1719.37	1718.926	1116.426	90.23413	36.0066	90.37287	92.73962	47.19576	6.123866	46.68037	18.60899	28.07138	31.91843	2
1719.375	1718.931	1116.431	88.455	42.38069	88.00613	86.84724	51.84398	3.328741	44.82728	13.41813	31.40915	33.13291	2
1719.38	1718.937	1116.437	89.01812	47.59585	88.85489	89.20583	47.85012	5.029193	47.12069	15.33233	31.78836	32.22399	2
1719.385	1718.943	1116.443	92.00511	40.80215	92.60088	94.21679	40.86399	9.656429	49.47958	31.78955	17.69003	31.27013	2
1719.39	1718.949	1116.449	88.4958	62.92164	88.39787	86.76563	44.11582	6.059226	49.82496	22.41027	27.41469	31.93859	2
1719.395	1718.954	1116.454	102.3045	132.1641	102.8268	100.3622	9.848188	25.284	64.86782	61.49608	3.371738	30.9925	2
1719.4	1718.96	1116.46	89.43434	80.21892	88.47132	88.07142	45.77083	4.31423	49.91494	18.29605	31.61889	31.75504	2
1719.405	1718.966	1116.466	86.15354	80.45204	84.80695	82.77481	51.70546	2.051911	46.24263	21.31204	24.93059	32.62853	2
1719.41	1718.972	1116.472	88.78144	73.89146	89.17318	89.67101	37.40338	8.858538	53.73808	34.1838	19.55428	30.84084	2
1719.415	1718.977	1116.477	90.29942	71.87999	90.42184	88.08774	38.58083	8.514649	52.90452	26.9945	25.91001	31.50969	2
1719.42	1718.983	1116.483	89.16502	66.55826	88.92835	89.2956	43.69531	6.093346	50.21135	16.90109	33.31026	31.50981	2
1719.425	1718.989	1116.489	94.45347	142.7742	94.83704	86.19435	15.57874	17.35766	67.0636	52.95481	14.10879	31.99376	2
1719.43	1718.995	1116.495	91.67866	97.64276	90.80542	89.54043	38.79374	6.694982	54.51128	19.36446	35.14682	31.15853	2
1719.435	1719	1116.5	92.16017	90.05647	92.04592	89.40985	34.30446	9.789061	55.90647	38.23364	17.67283	31.17224	2
1719.44	1719.006	1116.506	95.14717	44.17902	95.18797	93.8985	41.45704	9.40582	49.13714	29.24049	19.89665	31.8964	2
1719.445	1719.012	1116.512	93.7516	58.03284	93.08239	91.95614	44.89101	5.884828	49.22416	24.23126	24.9929	32.20711	2
1719.45	1719.018	1116.518	108.0745	90.78912	107.6827	106.0831	21.63647	21.2836	57.07992	31.69445	25.38548	30.36885	2
1719.455	1719.023	1116.523	97.53023	70.34808	96.93446	97.31804	37.86514	9.217418	52.91744	25.4738	27.44364	31.18007	2
1719.46	1719.029	1116.529	92.69065	61.98251	93.417	93.53125	34.09566	12.24372	53.66062	20.53923	33.12138	30.8392	2
1719.465	1719.035	1116.535	90.19333	51.41231	90.25862	90.5769	44.07437	6.831921	49.09371	19.19302	29.9007	31.75033	2
1719.47	1719.041	1116.541	85.27214	27.94075	85.09259	84.83959	56.17946	1.972989	41.84756	25.03363	16.81392	33.74103	2
1719.475	1719.046	1116.546	85.59858	52.9309	85.01098	85.67203	52.99396	2.465623	44.54041	21.65328	22.88713	32.69134	2
1719.48	1719.052	1116.552	82.64424	37.47857	82.17089	80.85694	58.56594	0.79429	40.63977	26.42038	14.21939	34.08968	2
1719.485	1719.058	1116.558	82.22802	35.66692	81.94237	81.12626	57.93255	1.058937	41.00851	30.04367	10.96484	33.88867	2
1719.49	1719.064	1116.564	85.40271	73.43855	84.17854	81.265	53.14475	1.785136	45.07012	25.32089	19.74922	33.05921	2
1719.495	1719.069	1116.569	83.20736	47.78234	82.62791	83.39506	56.37659	1.364664	42.25874	11.30662	30.95212	33.17364	2
1719.5	1719.075	1116.575	85.05995	44.31889	84.30912	82.30963	56.8386	1.191684	41.96971	29.89705	12.07266	33.93034	2
1719.505	1719.081	1116.581	78.80032	24.89691	78.65342	79.0778	62.61714	0	37.38286	25.55964	11.82322	34.02934	2
1719.51	1719.087	1116.587	90.19333	47.1829	90.32391	91.00129	44.59189	6.820155	48.58796	26.63923	21.94872	31.78474	2
1719.515	1719.092	1116.592	98.2729	76.46907	98.06887	98.72992	32.66465	12.50168	54.83367	24.3253	30.50837	30.64608	2
1719.52	1719.098	1116.598	97.31804	107.3671	96.53457	94.38818	30.55649	10.50428	58.93923	36.18377	22.75545	30.98475	2
1719.525	1719.104	1116.604	82.86459	40.1028	82.1464	80.44888	59.62563	0.353546	40.02083	25.77088	14.24994	34.33083	2
1719.53	1719.11	1116.61	83.10942	34.30818	82.31779	81.31396	61.37192	0	38.62808	13.97688	24.65119	34.42086	2
1719.535	1719.115	1116.615	89.01812	56.80065	87.99797	87.05943	52.26372	2.377533	45.35875	15.61428	29.74447	33.02217	2
1719.54	1719.121	1116.621	93.18032	29.55925	93.00077	92.86203	48.51225	6.004361	45.48339	23.90331	21.58008	32.71331	2
1719.545	1719.127	1116.627	93.40067	45.27134	93.40883	92.16833	43.05247	8.113356	48.83418	28.71137	20.12281	32.0457	2
1719.55	1719.133	1116.633	98.52589	84.91457	97.09769	97.78323	39.87545	5.828873	54.29567	30.63942	23.65626	31.41199	2
1719.555	1719.138	1116.638	99.37466	68.54309	99.23592	97.39965	33.06312	13.26283	53.67405	21.24053	32.43352	31.14157	2
1719.56	1719.144	1116.644	92.11121	39.76312	92.0704	91.86637	45.95126	6.70159	47.34715	33.32437	14.02278	32.23998	2
1719.565	1719.15	1116.65	88.63454	65.93884	88.16119	83.23184	46.16747	4.902947	48.92958	32.60828	16.3213	32.75606	2
1719.57	1719.156	1116.656	86.4147	67.98361	85.41088	83.28897	51.82609	2.387311	45.7866	22.05108	23.73552	32.85857	2
1719.575	1719.161	1116.661	90.27494	68.94938	89.39353	89.0426	47.09221	4.176165	48.73162	26.93459	21.79703	32.0853	2

1719.58	1719.167	1116.667	82.57895	39.76312	81.83628	80.96303	60.16037	0.183247	39.65638	13.65285	26.00354	34.27054	2
1719.585	1719.173	1116.673	89.81791	151.5661	88.29177	81.81179	32.51612	7.097184	60.3867	27.61822	32.76848	31.09333	2
1719.59	1719.179	1116.679	94.5514	92.9338	94.0046	93.73528	34.76043	9.263368	55.9762	36.76627	19.20994	30.83361	2
1719.595	1719.184	1116.684	90.55242	71.14068	90.43816	91.31957	40.36122	7.607729	52.03105	31.84001	20.19104	31.08365	2
1719.6	1719.19	1116.69	99.88881	72.67259	100.5988	101.7088	25.01285	19.8078	55.17935	33.26654	21.91281	30.03537	2
1719.605	1719.196	1116.696	106.8666	135.6075	108.6947	107.8133	0	45.05893	54.94107	54.94107	0	-9999	2
1719.61	1719.202	1116.702	106.2056	100.7865	106.6708	105.9036	14.29534	27.86915	57.83551	32.16222	25.67329	30.02944	2
1719.615	1719.207	1116.707	91.1237	45.29132	90.48713	90.29126	50.13913	3.935571	45.9253	24.59936	21.32594	32.78059	2
1719.62	1719.213	1116.713	94.14334	58.66558	93.80057	92.50294	41.84752	7.742552	50.40993	28.9155	21.49442	31.85819	2
1719.625	1719.219	1116.719	97.69345	85.66054	97.49759	95.5389	30.91015	12.7331	56.35675	25.77054	30.58621	30.99272	2
1719.63	1719.225	1116.725	100.7049	69.5355	100.8273	101.4476	29.57514	16.31612	54.10875	30.30901	23.79974	30.38977	2
1719.635	1719.23	1116.73	93.58022	48.65487	93.22929	91.65418	44.85143	6.700066	48.4485	15.80838	32.64012	32.33037	2
1719.64	1719.236	1116.736	93.30274	36.2597	92.64984	91.36038	50.44657	4.270891	45.28254	29.26922	16.01332	33.21119	2
1719.645	1719.242	1116.742	92.95181	44.58531	92.20914	90.5769	49.45037	4.246834	46.3028	14.95478	31.34802	33.03271	2
1719.65	1719.248	1116.748	100.101	181.1253	97.58736	97.68529	23.55549	6.251566	70.19295	45.89888	24.29407	30.51215	2
1719.655	1719.253	1116.753	109.6169	129.8196	111.6817	112.7019	0	54.01509	45.98491	45.98491	0	-9999	2
1719.66	1719.259	1116.759	107.7072	105.4622	107.1115	108.1071	20.0047	19.85921	60.13609	37.34069	22.7954	30.05603	2
1719.665	1719.265	1116.765	97.08137	116.7717	95.63684	92.05408	33.6215	7.325587	59.05292	35.51761	23.5353	31.42071	2
1719.67	1719.271	1116.771	100.2397	91.24203	99.97859	98.46877	27.72284	14.69479	57.58237	28.95656	28.62581	30.76191	2
1719.675	1719.276	1116.776	100.9253	134.2288	99.89697	97.70162	22.63476	12.87292	64.49232	45.55277	18.93955	30.87533	2
1719.68	1719.282	1116.782	101.6516	88.6178	101.9618	102.7289	22.63153	19.95921	57.40927	32.07471	25.33455	30.05211	2
1719.685	1719.288	1116.788	95.7919	90.43611	95.139	95.36752	35.04585	9.229733	55.72442	20.22916	35.49526	30.82587	2
1719.69	1719.294	1116.794	101.5537	120.7613	101.3007	99.33385	19.30709	17.86952	62.8234	44.15353	18.66987	30.70599	2
1719.695	1719.299	1116.799	98.86866	83.45592	98.91763	99.75007	28.465	15.0595	56.4755	22.61242	33.86308	30.33258	2
1719.7	1719.305	1116.805	104.8426	62.55531	104.8263	105.618	28.53288	19.14778	52.31935	24.08164	28.23771	30.14246	2
1719.705	1719.311	1116.811	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1720.01	1719.662	1117.162	93.73528	39.23028	93.84138	92.71513	43.44758	8.41501	48.13742	19.76943	28.36798	32.10984	2
1720.015	1719.667	1117.167	93.44148	39.01714	93.8577	93.97196	41.36598	9.741849	48.89217	24.00591	24.88626	31.61901	2
1720.02	1719.673	1117.173	87.61439	43.03342	87.56543	86.89621	49.36016	4.472656	46.16718	28.87711	17.29007	32.61435	2
1720.025	1719.679	1117.179	81.06097	33.55554	80.07346	79.02883	64.95662	0	35.04338	17.03395	18.00943	33.57307	2
1720.03	1719.685	1117.185	87.7613	49.00787	87.46749	86.90437	49.67667	4.049699	46.27363	18.91708	27.35655	32.5736	2
1720.035	1719.69	1117.19	110.7269	97.81593	112.3183	115.3543	2.126246	48.85275	49.02101	49.02101	0	-9999	2
1720.04	1719.696	1117.196	107.0543	79.49959	107.3889	106.6789	19.6779	26.40104	53.92106	42.439	11.48206	29.8276	2
1720.045	1719.702	1117.202	89.98114	102.9312	88.98547	89.67101	40.0244	5.910227	54.06537	27.33271	26.73266	30.74242	2
1720.05	1719.708	1117.208	87.63888	74.57749	87.31243	90.5361	43.85445	5.604287	50.54127	22.86147	27.6798	30.83315	2
1720.055	1719.713	1117.213	80.2122	59.07187	78.26168	77.24969	67.02593	0	32.97407	19.41079	13.56328	32.4841	2
1720.06	1719.719	1117.219	80.47336	35.9733	79.75518	79.64092	62.8249	0	37.1751	16.51346	20.66165	33.82162	2
1720.065	1719.725	1117.225	84.52947	40.82879	83.51748	82.72585	60.19522	0.008372	39.79641	13.84288	25.95353	34.36563	2
1720.07	1719.731	1117.231	85.76997	35.68024	85.34559	83.3461	55.74597	1.89273	42.3613	23.70096	18.66035	33.89407	2
1720.075	1719.736	1117.236	81.06097	50.81953	79.70621	76.7029	63.62495	0	36.37505	19.43493	16.94012	33.67326	2
1720.08	1719.742	1117.242	85.67203	90.59597	83.90106	80.74268	52.98257	1.320301	45.69713	13.88697	31.81015	32.83271	8
1720.085	1719.748	1117.248	101.9699	163.3751	102.5738	101.619	1.970462	27.61755	70.41199	70.41199	0	-9999	8
1720.09	1719.754	1117.254	108.4009	161.0972	110.9146	114.4402	0	58.20349	41.79651	41.79651	0	-9999	8
1720.095	1719.759	1117.259	107.1686	106.9475	107.593	109.8781	12.23466	29.31206	58.45328	40.42929	18.02399	29.47142	8
1720.1	1719.765	1117.265	102.3617	152.8316	103.1778	105.7975	2.517126	29.07769	68.40519	67.37485	1.030334	-9999	8
1720.105	1719.771	1117.271	95.30223	51.00602	94.90233	93.46596	43.0777	7.626399	49.2959	33.48673	15.80917	32.10906	8
1720.11	1719.777	1117.277	91.83373	79.00005	91.6705	93.07423	37.65994	8.63295	53.70711	21.76301	31.9441	30.72582	8
1720.115	1719.782	1117.282	101.6027	35.58033	101.5863	100.1336	38.04161	13.8983	48.06009	32.83156	15.22853	31.49726	8
1720.12	1719.788	1117.288	89.56492	44.41214	89.89953	90.47081	44.25932	7.107743	48.63293	15.69121	32.94173	31.7686	8
1720.125	1719.794	1117.294	81.61593	84.17525	80.57946	78.06581	52.57558	2.159022	45.2654	13.41218	31.85321	32.4533	8
1720.13	1719.8	1117.3	83.24	80.86499	84.09693	84.72534	37.20871	7.870799	54.92049	32.59451	22.32598	30.57063	8
1720.135	1719.805	1117.305	83.47668	70.60784	82.34227	82.06479	54.90599	1.403162	43.69084	14.06341	29.62743	32.75532	8
1720.14	1719.811	1117.311	84.23567	62.9616	83.42771	83.32977	53.52815	2.029554	44.4423	16.70322	27.73908	32.67662	8
1720.145	1719.817	1117.317	87.82659	178.5277	83.73783	77.56798	47.68366	0.196288	52.12005	25.40164	26.71841	31.5542	8
1720.15	1719.823	1117.323	93.83322	130.5123	92.53559	86.6677	32.14609	7.823739	60.03017	30.40538	29.6248	31.45055	8
1720.155	1719.828	1117.328	103.5205	155.3559	105.9118	107.9276	0	44.71144	55.28856	55.28856	0	-9999	8
1720.16	1719.834	1117.334	96.18364	124.6777	95.74293	94.86969	24.75451	12.92326	62.32223	28.67821	33.64402	30.45609	8
1720.165	1719.84	1117.34	85.92503	53.01083	85.68019	86.64321	50.01783	3.715859	46.26631	19.0892	27.17711	32.20172	2
1720.17	1719.846	1117.346	83.58277	51.67873	84.02347	85.0273	47.18214	4.791846	48.02601	26.16446	21.86155	31.75758	2
1720.175	1719.851	1117.351	83.86025	68.61635	82.61159	80.51417	55.92053	1.031323	43.04815	23.05357	19.99457	33.3193	2
1720.18	1719.857	1117.357	82.9462	38.65082	82.2933	79.82863	59.39593	0.461825	40.14224	14.35664	25.7856	34.45065	2
1720.185	1719.863	1117.363	78.57997	32.64971	77.93523	76.5968	64.80188	0	35.19812	21.10157	14.09655	33.70208	2
1720.19	1719.869	1117.369	81.09361	55.96809	80.26117	75.5032	58.30102	0.655023	41.04396	21.14941	19.89455	34.25435	2
1720.195	1719.874	1117.374	81.73834	25.45639	81.46086	80.11427	60.79075	0.230851	38.9784	9.456326	29.52207	34.67235	2
1720.2	1719.88	1117.38	82.07295	65.41932	81.54248	83.07678	52.7726	2.349017	44.87838	12.9391	31.93928	32.09035	2
1720.205	1719.886	1117.386	79.69805	71.12736	80.1714	83.64806	45.79652	4.544661	49.65881	26.8258	22.83302	30.68183	2
1720.21	1719.892	1117.392	82.47285	39.11039	82.00766	81.51799	58.26547	0.873593	40.86094	16.45848	24.40246	33.83747	2
1720.215	1719.897	1117.397	84.70085	81.46444	85.28846	85.47617	37.80688	7.815115	54.378	30.67576	23.70224	30.71281	8
1720.22	1719.903	1117.403	95.40832	245.1792	94.38818	90.5769	0.79711	17.55641	81.64648	81.64648	0	-9999	8
1720.225	1719.909	1117.409	100.7865	87.45221	101.1701	102.8921	23.14023	19.47971	57.38006	32.95584	24.42421	29.90049	8
1720.23	1719.915	1117.415	80.45704	53.00417	80.35094	80.13059	53.97475	2.121418	43.90383	13.3558	30.54803	32.72051	8
1720.235	1719.92	1117.42	89.01812	74.27777	89.23031	88.74064	38.48363	8.308872	53.20749	24.19047	29.01702	31.09367	8
1720.24	1719.926	1117.426	103.2023	179.2004	103.4879	101.6435	0	27.64659	72.35341	72.35341	0	-9999	8

1720.245	1719.932	1117.432	93.10687	57.15365	92.73146	91.58889	43.41996	6.890687	49.68936	32.4961	17.19326	31.98673	2
1720.25	1719.938	1117.438	86.58609	51.54552	86.18619	86.57792	50.96599	3.358905	45.6751	22.274	23.4011	32.49485	2
1720.255	1719.943	1117.443	80.5713	75.47666	81.33845	78.83296	41.66364	5.965322	52.37104	35.74565	16.62539	31.40878	2
1720.26	1719.949	1117.449	86.72483	65.14624	87.41037	87.78578	39.13484	8.166912	52.69825	33.83701	18.86124	31.02847	2
1720.265	1719.955	1117.455	83.06046	43.46635	83.06046	83.59093	53.06552	2.696355	44.23812	22.45698	21.78114	32.73423	2
1720.27	1719.961	1117.461	83.05229	56.76068	82.987	84.39889	50.3618	3.400271	46.23793	28.26742	17.97052	31.973	2
1720.275	1719.966	1117.466	86.71666	67.38416	87.12472	87.94084	40.75124	7.313285	51.93547	29.04283	22.89265	31.04288	2
1720.28	1719.972	1117.472	88.93651	47.02305	90.04643	91.55625	38.19695	10.05882	51.74422	34.57645	17.16777	30.97349	2
1720.285	1719.978	1117.478	86.68402	50.18678	86.19435	86.43918	51.90045	2.998528	45.10102	15.77264	29.32838	32.68623	2
1720.29	1719.984	1117.484	84.03164	89.86997	82.44837	80.37543	53.2127	1.548085	45.23922	32.0172	13.22201	32.54344	8
1720.295	1719.989	1117.489	94.95946	142.0083	94.66566	95.58787	20.54827	14.1141	65.33764	36.12071	29.21693	30.04424	8
1720.3	1719.995	1117.495	94.75543	150.2406	94.47795	94.06989	18.61724	14.62695	66.75581	48.80761	17.94819	30.30524	8
1720.305	1720.001	1117.501	79.33896	78.44057	79.36344	79.42873	47.83579	3.798551	48.36566	21.87205	26.49361	31.36182	8
1720.31	1720.007	1117.507	80.16324	68.7429	80.13059	77.50269	49.86704	3.273296	46.85967	29.59356	17.2661	32.30871	8
1720.315	1720.012	1117.512	87.09208	96.2041	86.03113	84.52947	44.81629	4.298111	50.8856	35.42078	15.46483	31.49234	8
1720.32	1720.018	1117.518	99.65214	197.9431	99.17879	101.113	4.086264	20.02364	75.8901	70.74408	5.146016	-9999	8
1720.325	1720.024	1117.524	100.4927	121.6538	99.68478	99.20327	24.36812	13.24087	62.39101	30.81289	31.57812	30.5349	8
1720.33	1720.03	1117.53	88.11223	91.33528	85.88422	83.56645	54.10063	0.2313	45.66807	13.01555	32.65252	33.0629	8
1720.335	1720.035	1117.535	86.25148	69.06927	85.64755	84.37441	48.61432	3.729416	47.65627	22.54523	25.11104	32.21768	8
1720.34	1720.041	1117.541	85.73732	49.42083	86.03113	85.84342	46.88485	5.198115	47.91703	22.34757	25.56946	32.04788	2
1720.345	1720.047	1117.547	86.85541	27.37461	86.97782	87.70417	52.51963	3.665605	43.81476	23.77993	20.03483	32.99956	2
1720.35	1720.053	1117.553	87.8021	49.42749	88.75696	91.53992	39.86046	8.795937	51.3436	35.52174	15.82186	30.83817	2
1720.355	1720.058	1117.558	84.32544	43.13332	84.4397	84.04796	51.09684	3.537182	45.36597	23.48689	21.87909	32.67404	2
1720.36	1720.064	1117.564	83.96635	45.82416	82.97884	81.74651	59.31466	0.270902	40.41444	20.25574	20.1587	34.15279	2
1720.365	1720.07	1117.57	88.26729	74.9638	87.88371	86.00664	43.62556	5.691277	50.68316	28.19222	22.49094	31.77271	2
1720.37	1720.076	1117.576	85.09259	22.70561	85.19052	84.7743	55.46107	2.442551	42.09638	15.01091	27.08547	33.70177	2
1720.375	1720.081	1117.581	86.89621	69.90183	86.84724	86.22699	43.51874	5.948794	50.53247	35.89237	14.6401	31.53203	2
1720.38	1720.087	1117.587	86.16987	50.39992	85.8271	85.76181	51.18341	3.310607	45.50599	31.23685	14.26914	32.60504	2
1720.385	1720.093	1117.593	85.1742	45.65765	85.19869	84.85592	50.40084	3.789095	45.81007	31.80223	14.00784	32.56439	2
1720.39	1720.099	1117.599	86.30861	34.2882	86.65138	86.51264	49.64187	4.633351	45.72477	33.36468	12.36009	32.61645	2
1720.395	1720.104	1117.604	86.73299	42.60715	86.40654	87.9082	52.42469	3.066761	44.50855	25.72846	18.78009	32.63849	2
1720.4	1720.11	1117.61	92.82123	65.68574	93.164	93.78425	36.05206	10.72447	53.22347	20.99895	32.22452	30.85498	2
1720.405	1720.116	1117.616	96.19996	150.0342	95.7919	93.49861	18.35023	14.82508	66.8247	46.47956	20.34514	30.70814	2
1720.41	1720.122	1117.622	94.52692	125.3571	93.04158	92.03776	34.21018	6.816111	58.97371	38.28195	20.69176	30.7475	2
1720.415	1720.127	1117.627	92.96813	74.59747	94.2984	95.86535	26.10712	16.36694	57.52594	42.44062	15.08532	30.17701	2
1720.42	1720.133	1117.633	95.75925	109.7515	94.74727	93.64551	33.18451	8.617215	58.19827	34.02292	24.17535	30.85862	2
1720.425	1720.139	1117.639	91.72763	43.79937	91.70315	92.42133	45.20088	6.819156	47.97997	17.68224	30.29772	31.91797	2
1720.43	1720.145	1117.645	91.42567	22.77887	91.15635	90.34023	52.46312	4.144104	43.39277	22.68682	20.70595	33.49065	2
1720.435	1720.15	1117.65	94.0046	67.29758	94.91865	95.50626	30.14585	14.68018	55.17397	35.12985	20.04412	30.49064	8
1720.44	1720.156	1117.656	99.50524	97.8226	100.3622	99.19511	18.14095	22.08564	59.77341	46.32611	13.4473	30.43056	8
1720.445	1720.162	1117.662	110.7024	283.9699	113.4445	120.153	0	76.27662	23.72338	23.72338	0	-9999	8
1720.45	1720.168	1117.668	113.265	372.3946	119.1084	129.0814	0	100	0	0	0	-9999	8
1720.455	1720.173	1117.673	118.9697	177.2622	121.1405	124.2663	0	91.04171	8.958289	8.958289	0	-9999	8
1720.46	1720.179	1117.679	110.1637	122.926	109.2007	108.4581	16.36467	19.74877	63.88656	35.36423	28.52233	30.55723	8
1720.465	1720.185	1117.685	96.72227	90.7425	95.42465	94.62485	39.11244	6.229331	54.65823	24.38076	30.27747	31.4492	8
1720.47	1720.191	1117.691	97.68529	108.6059	97.0732	94.03724	28.59058	11.80078	59.60864	42.71403	16.89461	31.04878	8
1720.475	1720.196	1117.696	107.1767	196.551	109.2252	112.8406	0	52.22647	47.77353	47.77353	0	-9999	8
1720.48	1720.202	1117.702	98.46061	86.57303	97.26907	96.06122	37.69995	7.312624	54.98743	25.48909	29.49834	31.48795	8
1720.485	1720.208	1117.708	92.27443	53.11074	91.5236	90.95232	48.07365	4.478284	47.44807	23.66935	23.77872	32.51265	8
1720.49	1720.214	1117.714	85.43536	53.23062	84.32544	83.55829	57.11954	0.78344	42.09702	18.22995	23.86707	33.63458	8
1720.495	1720.219	1117.719	83.52564	53.99658	82.18721	80.14691	60.4621	0	39.5379	16.24627	23.29163	33.97333	8
1720.5	1720.225	1117.725	92.41317	126.7225	92.11121	89.95665	26.65327	11.54712	61.79961	39.06743	22.73219	30.56355	8
1720.505	1720.231	1117.731	108.8824	216.9055	113.8036	116.252	0	94.13113	5.868868	5.868868	0	-9999	8
1720.51	1720.237	1117.737	115.9827	120.8679	117.7618	120.8059	0	68.60493	31.39507	31.39507	0	-9999	8
1720.515	1720.242	1117.742	115.4277	131.9776	117.517	122.3402	0	72.51478	27.48522	27.48522	0	-9999	8
1720.52	1720.248	1117.748	104.3611	127.3619	103.8878	100.4275	16.83463	19.15197	64.01339	52.75013	11.26326	31.02939	8
1720.525	1720.254	1117.754	91.89085	68.15012	91.98879	92.93549	38.2091	9.117021	52.67388	24.99751	27.67637	30.93476	2
1720.53	1720.26	1117.76	86.5208	62.6752	86.18619	86.72483	47.82668	4.307042	47.86627	22.91231	24.95396	31.88143	2
1720.535	1720.265	1117.765	87.34508	47.27615	86.88805	86.22699	51.74366	3.173177	45.08317	25.16442	19.91875	32.89862	2
1720.54	1720.271	1117.771	81.33029	52.53793	80.40807	78.77584	59.60911	0.251416	40.13947	27.9246	12.21487	33.99165	2
1720.545	1720.277	1117.777	81.61593	47.86893	81.10993	81.5588	57.25051	1.09514	41.65435	28.82548	12.82887	33.27962	2
1720.55	1720.283	1117.783	82.48917	44.09909	81.71386	79.1186	59.44665	0.362095	40.19126	23.56667	16.62458	34.36111	2
1720.555	1720.288	1117.788	82.5055	32.96276	82.83194	81.18338	53.58799	2.70982	43.70219	24.84429	18.8579	33.35906	2
1720.56	1720.294	1117.794	82.12192	31.5907	81.9587	82.31779	58.06787	1.085919	40.84621	25.79338	15.05283	33.74876	2
1720.565	1720.3	1117.8	78.80032	49.90038	78.88193	83.24	54.79532	1.834455	43.37022	26.67219	16.69803	31.96803	2
1720.57	1720.306	1117.806	79.2247	64.81987	79.38792	80.08162	50.16188	3.178148	46.65997	24.1844	22.47557	31.75402	2
1720.575	1720.311	1117.811	81.02016	53.44376	81.71386	81.21603	47.15188	4.47853	48.36959	20.28938	28.0802	31.90924	2
1720.58	1720.317	1117.817	85.4272	70.59452	85.62307	86.56976	42.80512	6.149687	51.04519	18.984	32.06119	31.10701	2
1720.585	1720.323	1117.823	83.33794	61.14995	82.27698	80.59578	56.7532	0.938587	42.30821	27.8994	14.40881	33.46818	2
1720.59	1720.329	1117.829	89.36089	163.555	87.95716	86.75747	29.08654	8.251785	62.66168	40.85583	21.80585	29.87536	10
1720.595	1720.334	1117.834	103.5287	121.3674	104.508	105.5037	7.792782	29.94928	62.25794	55.549	6.708945	-9999	10
1720.6	1720.34	1117.84	112.9549	142.6743	114.6116	116.6764	0	58.72422	41.27578	41.27578	0	-9999	10
1720.605	1720.346	1117.846	117.9005	144.7524	118.5534	120.5203	0	57.14918	42.85082	42.85082	0	-9999	10

1720.61	1720.352	1117.852	119.5083	96.67033	119.9082	119.0594	3.558942	53.84621	42.59485	42.59485	0	-9999	10
1720.615	1720.357	1117.857	123.1237	110.3443	124.0051	125.0824	0	76.49357	23.50643	23.50643	0	-9999	10
1720.62	1720.363	1117.863	126.331	114.4339	127.5307	129.065	0	98.6917	1.308301	1.308301	0	-9999	10
1720.625	1720.369	1117.869	126.9921	104.19	127.7103	128.9018	0	88.0567	11.9433	11.9433	0	-9999	10
1720.63	1720.375	1117.875	127.6532	90.79578	128.3224	128.3877	0	88.76788	11.23212	11.23212	0	-9999	10
1720.635	1720.38	1117.88	128.0286	112.4357	129.0242	130.2158	0	100	0	0	0	-9999	10
1720.64	1720.386	1117.886	130.534	87.23908	131.0319	131.0319	0	97.03797	2.962033	2.962033	0	-9999	10
1720.645	1720.392	1117.892	132.1092	85.46739	132.6723	133.1456	0	100	0	0	0	-9999	10
1720.65	1720.398	1117.898	132.0194	88.69773	132.5091	132.6152	0	100	0	0	0	-9999	10
1720.655	1720.403	1117.903	132.6641	102.1719	133.4149	134.8268	0	100	0	0	0	-9999	10
1720.66	1720.409	1117.909	127.5389	168.4371	128.7304	131.4971	0	100	0	0	0	-9999	10
1720.665	1720.415	1117.915	125.825	227.8154	127.4736	129.0079	0	100	0	0	0	-9999	10
1720.67	1720.421	1117.921	128.5672	187.7459	129.4649	128.2734	0	100	0	0	0	-9999	10
1720.675	1720.426	1117.926	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1721.065	1720.846	1118.346	127.898	83.7623	128.1347	127.4981	0.229148	77.24892	22.52193	22.52193	0	-9999	10
1721.07	1720.849	1118.349	128.657	79.75935	128.7386	128.053	1.701327	75.59538	22.70329	22.70329	0	-9999	10
1721.075	1720.853	1118.353	129.2772	65.6924	129.6608	131.9378	2.19468	86.10524	11.70008	11.70008	0	-9999	10
1721.08	1720.857	1118.357	129.065	60.89685	129.4241	128.9181	3.740167	84.10849	12.15134	7.668834	4.482509	-9999	10
1721.085	1720.861	1118.361	128.8773	63.90073	128.9753	128.8692	5.209891	75.86463	18.92548	18.39107	0.534409	-9999	10
1721.09	1720.865	1118.365	129.8159	67.50405	130.3871	131.1217	0	94.49073	5.509268	5.509268	0	-9999	10
1721.095	1720.868	1118.368	129.7832	71.16066	130.5749	133.0477	0	100	0	0	0	-9999	10
1721.1	1720.872	1118.372	129.8077	76.53567	130.583	132.4682	0	100	0	0	0	-9999	10
1721.105	1720.876	1118.376	129.2527	76.65556	130.1994	132.8926	0	100	0	0	0	-9999	10
1721.11	1720.88	1118.38	128.3305	89.1573	129.2201	130.1668	0	98.21426	1.785743	1.785743	0	-9999	10
1721.115	1720.883	1118.383	129.5547	72.25298	130.0689	130.885	0	91.78814	8.21186	8.21186	0	-9999	10
1721.12	1720.887	1118.387	129.8322	67.40414	130.583	132.3458	0	100	0	0	0	-9999	10
1721.125	1720.891	1118.391	130.126	69.92181	130.9013	131.7501	0	100	0	0	0	-9999	10
1721.13	1720.895	1118.395	131.1298	71.30053	131.8154	132.7131	0	100	0	0	0	-9999	10
1721.135	1720.899	1118.399	131.848	61.01008	132.5499	133.4802	0	100	0	0	0	-9999	10
1721.14	1720.902	1118.402	131.8888	72.49276	132.9008	133.9128	0	100	0	0	0	-9999	10
1721.145	1720.906	1118.406	131.5868	77.13512	132.6152	134.0107	0	100	0	0	0	-9999	10
1721.15	1720.91	1118.41	131.2196	74.53753	132.3295	133.1211	0	100	0	0	0	-9999	10
1721.155	1720.914	1118.414	130.681	65.91219	131.1788	131.5134	0	96.32934	3.670659	3.670659	0	-9999	10
1721.16	1720.918	1118.418	129.1793	69.84188	129.6037	131.2277	0.964359	87.16743	11.86822	11.86822	0	-9999	10
1721.165	1720.921	1118.421	128.3469	78.09423	128.9018	130.9421	0	87.79818	12.20182	12.20182	0	-9999	10
1721.17	1720.925	1118.425	128.1428	76.1094	128.8447	131.0808	0	90.96304	9.036958	9.036958	0	-9999	10
1721.175	1720.929	1118.429	128.4529	63.58102	128.9671	129.7343	2.451983	86.11573	11.43229	11.43229	0	-9999	10
1721.18	1720.933	1118.433	127.596	60.47724	128.0041	129.3996	4.813709	79.19965	15.98664	8.317518	7.669122	-9999	10
1721.185	1720.936	1118.436	125.9475	62.80175	126.1515	126.2331	7.349081	67.61515	25.03577	25.03577	0	-9999	10
1721.19	1720.94	1118.44	125.6945	70.88092	125.7271	126.6167	6.95491	63.01927	30.02582	18.94706	11.07876	-9999	10
1721.195	1720.944	1118.444	125.9311	75.17027	126.4045	126.682	2.283691	75.21515	22.50116	22.50116	0	-9999	10
1721.2	1720.948	1118.448	124.8131	71.86667	125.417	126.6167	3.099812	73.90344	22.99675	22.99675	0	-9999	10
1721.205	1720.952	1118.452	119.7286	83.1562	120.455	121.0426	4.096672	59.68073	36.2226	36.2226	0	-9999	10
1721.21	1720.955	1118.455	116.407	58.13274	116.9538	117.1007	14.5997	45.62608	39.77422	30.99316	8.781064	27.37343	10
1721.215	1720.959	1118.459	102.6228	59.75124	102.1739	101.4476	34.60592	13.22944	52.16464	32.1923	19.97234	31.08861	10
1721.22	1720.963	1118.463	89.09157	50.39992	87.53278	85.92503	57.91957	0	42.08043	10.6161	31.46434	34.20974	1
1721.225	1720.967	1118.467	85.91687	38.55091	85.5741	84.2275	54.28363	2.411386	43.30499	15.7518	27.55319	33.47658	1
1721.23	1720.97	1118.47	84.4805	42.86024	84.0398	82.84826	55.32121	1.859987	42.8188	31.44907	11.36973	33.48661	1
1721.235	1720.974	1118.474	84.5866	56.00139	84.31728	83.31345	50.71522	3.314774	45.97001	21.3229	24.64711	32.54448	1
1721.24	1720.978	1118.478	83.74599	76.902	83.5338	82.52182	45.98788	4.586036	49.42609	19.4927	29.93338	31.60622	1
1721.245	1720.982	1118.482	83.28081	77.87443	84.07244	85.34559	38.40088	7.489305	54.10982	18.92896	35.18086	30.54791	1
1721.25	1720.986	1118.486	86.68402	47.10964	86.79012	85.74548	48.02793	4.856484	47.11559	15.32261	31.79297	32.40453	1
1721.255	1720.989	1118.489	87.41037	25.20995	87.3614	86.78195	53.86115	3.172461	42.96639	17.47428	25.4921	33.5046	1
1721.26	1720.993	1118.493	87.49198	30.39181	87.72865	86.12906	50.31834	4.606981	45.07468	26.29395	18.78073	33.06234	1
1721.265	1720.997	1118.497	91.62154	37.77829	91.47463	91.48279	47.70433	5.803794	46.49188	31.24199	15.24989	32.43644	1
1721.27	1721.001	1118.501	86.43102	47.26949	85.51697	84.26015	56.12815	1.289617	42.58224	13.88608	28.69616	33.68933	1
1721.275	1721.005	1118.505	85.23949	101.9188	82.77481	80.71004	56.01657	0	43.98343	26.44409	17.53934	32.87183	1
1721.28	1721.008	1118.508	84.41521	115.5595	84.0398	81.86076	37.28207	6.944395	55.77353	30.04122	25.73231	30.59994	1
1721.285	1721.012	1118.512	83.96635	80.85167	84.79879	86.33309	36.73344	8.176957	55.0896	21.16076	33.92884	30.38984	1
1721.29	1721.016	1118.516	83.1992	64.60008	83.24	84.67637	47.50728	4.29704	48.19569	24.49786	23.69783	31.48822	1
1721.295	1721.02	1118.52	80.53865	45.45117	81.11809	82.88907	50.41457	3.424342	46.16109	32.59501	13.56608	31.9869	1
1721.3	1721.023	1118.523	78.65342	40.18273	78.95538	77.55166	55.57442	1.652428	42.77316	30.34475	12.4284	33.32234	1
1721.305	1721.027	1118.527	77.82914	68.76288	76.72738	75.53585	60.29521	0.207248	39.49754	14.45647	25.04107	33.47971	1
1721.31	1721.031	1118.531	79.45321	82.54343	77.16808	73.25072	64.6373	0	35.3627	25.15546	10.20725	33.02055	1
1721.315	1721.035	1118.535	78.00868	72.05983	77.53534	76.18874	54.46198	1.832544	43.70547	28.25621	15.44926	32.49242	1
1721.32	1721.039	1118.539	82.30963	140.8427	80.60394	75.51136	43.41029	4.384337	52.20538	18.60408	33.6013	30.95785	1
1721.325	1721.042	1118.542	88.14487	220.8884	88.76512	70.99007	0.644779	19.29153	80.06369	80.06369	0	-9999	9
1721.33	1721.046	1118.546	91.61337	288.0795	93.30274	75.38894	0	31.24534	68.75466	68.75466	0	-9999	9
1721.335	1721.05	1118.55	99.67662	339.212	104.0673	97.35068	0	65.62386	34.37614	34.37614	0	-9999	9
1721.34	1721.054	1118.554	105.5119	210.4581	107.8215	109.8128	0	52.02775	47.97225	47.97225	0	-9999	9
1721.345	1721.057	1118.557	104.2469	181.9978	104.5733	100.1989	0	29.44723	70.55277	70.55277	0	-9999	9
1721.35	1721.061	1118.561	111.2655	124.0782	111.796	110.3923	3.497611	38.60972	57.89267	57.89267	0	-9999	9
1721.355	1721.065	1118.565	115.6399	102.7713	116.6356	117.5904	1.024238	53.71544	45.26032	45.26032	0	-9999	9

1721.36	1721.069	1118.569	106.7279	146.8171	106.9074	109.4537	4.889117	28.97706	66.13383	66.13383	0	-9999	9
1721.365	1721.073	1118.573	109.2089	117.2179	109.4129	111.2981	9.579859	30.82076	59.59938	38.35903	21.24035	29.58711	9
1721.37	1721.076	1118.576	113.0202	94.39244	113.8199	114.9462	6.98007	43.74876	49.27117	49.27117	0	-9999	9
1721.375	1721.08	1118.58	112.2775	106.1549	113.0773	116.1296	4.816818	42.88861	52.29457	50.08743	2.207147	-9999	9
1721.38	1721.084	1118.584	107.846	108.8923	108.303	106.6463	10.88782	30.81656	58.29562	40.1085	18.18712	30.15422	9
1721.385	1721.088	1118.588	101.7251	152.1589	100.6315	90.30758	18.06587	14.10537	67.82876	45.13947	22.68929	32.42905	9
1721.39	1721.092	1118.592	88.00613	31.05786	87.34508	86.8146	56.64154	1.604691	41.75377	20.41618	21.33759	33.9568	1
1721.395	1721.095	1118.595	84.60292	27.26804	84.55395	84.61108	55.94594	2.071037	41.98302	13.56435	28.41867	33.60368	1
1721.4	1721.099	1118.599	83.64806	22.91208	83.77864	83.81128	56.48707	1.934388	41.57854	30.26751	11.31102	33.72861	1
1721.405	1721.103	1118.603	81.18338	34.22159	80.2122	77.9842	64.55631	0	35.44369	10.5698	24.87389	33.84386	1
1721.41	1721.107	1118.607	82.92172	49.57402	84.1867	84.19486	41.91149	6.842232	51.24628	36.11484	15.13143	31.43541	1
1721.415	1721.11	1118.61	85.54145	27.0216	85.92503	86.07193	51.78992	3.891926	44.31815	27.41923	16.89892	32.94255	1
1721.42	1721.114	1118.614	81.77915	23.93114	81.67305	81.02832	59.79409	0.606177	39.59974	11.6984	27.90134	34.36419	1
1721.425	1721.118	1118.618	82.57895	31.21771	82.30147	80.54681	58.62316	0.899297	40.47755	28.95688	11.52067	34.26441	1
1721.43	1721.122	1118.622	81.34661	28.43363	81.34661	80.93039	58.28018	1.044173	40.67564	29.53903	11.13661	33.93887	1
1721.435	1721.126	1118.626	80.87326	48.56162	81.47719	78.80032	49.16425	3.841299	46.99445	30.39356	16.60089	32.61112	1
1721.44	1721.129	1118.629	82.32595	37.01233	81.50167	80.54681	61.69131	0	38.30869	7.334398	30.9743	34.20197	1
1721.445	1721.133	1118.633	81.80363	62.49536	79.96737	78.69422	63.84784	0	36.15216	11.58313	24.56903	32.82338	1
1721.45	1721.137	1118.637	82.57895	54.43617	81.54248	80.52233	58.88646	0.37249	40.74105	11.661	29.08005	33.78617	1
1721.455	1721.141	1118.641	83.03597	54.30296	81.48535	80.0653	62.48293	0	37.51707	15.80669	21.71038	33.31689	1
1721.46	1721.144	1118.644	82.97884	33.62215	82.45653	81.9587	59.57085	0.500749	39.9284	16.64629	23.28211	34.19525	1
1721.465	1721.148	1118.648	82.04847	36.51946	80.82429	79.93472	65.16507	0	34.83493	24.71542	10.1195	33.32425	1
1721.47	1721.152	1118.652	79.39609	52.1383	78.84112	77.07015	58.63907	0.651339	40.70959	10.00052	30.70907	33.71593	1
1721.475	1721.156	1118.656	77.88627	57.53996	77.53534	73.37313	57.13968	1.092522	41.7678	14.49724	27.27056	33.70578	1
1721.48	1721.16	1118.66	85.08443	34.61456	84.45602	83.06862	58.21579	0.926416	40.8578	22.65199	18.2058	34.2029	1
1721.485	1721.163	1118.663	87.81026	21.57998	87.15737	86.59425	59.05213	0.921008	40.02686	10.5332	29.49366	34.54972	1
1721.49	1721.167	1118.667	86.62689	28.3537	86.21067	85.77813	56.66737	1.753727	41.5789	25.84528	15.73362	33.90507	1
1721.495	1721.171	1118.671	88.56925	32.67636	87.72865	87.32875	57.12327	1.263162	41.61357	18.95954	22.65403	34.038	1
1721.5	1721.175	1118.675	87.14105	31.11114	86.30861	85.39455	58.75276	0.699136	40.54811	19.4501	21.098	34.39153	1
1721.505	1721.179	1118.679	86.39838	30.07211	85.28846	84.24383	61.83793	0	38.16207	8.005097	30.15698	34.30564	1
1721.51	1721.182	1118.682	83.46851	39.71649	82.52182	81.12626	60.93448	0	39.06552	7.866067	31.19946	34.35021	1
1721.515	1721.186	1118.686	81.80363	122.6329	79.56747	76.46622	52.39376	1.764922	45.84132	27.06636	18.77496	31.84098	1
1721.52	1721.19	1118.69	94.31473	127.7149	93.7516	92.13569	26.68765	11.40041	61.91194	39.61618	22.29576	30.52613	9
1721.525	1721.194	1118.694	90.50345	110.4442	89.16502	87.39404	40.38218	5.231532	54.38629	30.54484	23.84145	31.16941	9
1721.53	1721.197	1118.697	96.47744	125.4103	96.21628	93.97196	22.91543	14.16556	62.91902	30.44228	32.47673	30.68801	9
1721.535	1721.201	1118.701	95.73477	145.8114	93.61286	88.03878	33.08243	5.390768	61.5268	26.96218	34.56462	31.50406	9
1721.54	1721.205	1118.705	102.3617	138.5115	101.4802	98.43612	19.1384	15.11521	65.74639	45.24252	20.50387	31.03523	9
1721.545	1721.209	1118.709	98.81154	149.4014	97.95461	99.79904	19.57941	13.76185	66.65874	39.88987	26.76887	30.01718	9
1721.55	1721.213	1118.713	96.42847	139.4107	94.27392	91.2298	34.2462	4.916806	60.837	35.92379	24.91321	31.21358	9
1721.555	1721.216	1118.716	95.97144	123.4189	94.26576	92.43765	35.05798	6.028099	58.91392	35.84318	23.07074	31.07606	9
1721.56	1721.22	1118.72	104.9814	150.174	105.773	108.809	0.939837	32.42093	66.63924	66.63924	0	-9999	9
1721.565	1721.224	1118.724	109.1436	145.8048	109.8944	114.53	0	38.67585	61.32415	61.32415	0	-9999	10
1721.57	1721.228	1118.728	113.9097	86.43316	114.2607	116.0724	11.56652	38.96653	49.46695	29.2549	20.21205	28.3075	10
1721.575	1721.231	1118.731	121.0589	87.11253	121.9566	123.9725	0.587157	67.70134	31.71151	31.71151	0	-9999	10
1721.58	1721.235	1118.735	121.924	56.36105	122.2504	123.0502	11.66058	56.70269	31.63673	24.64543	6.991302	25.54533	10
1721.585	1721.239	1118.739	121.01	48.8347	120.961	119.9898	17.23234	46.11134	36.65632	17.29051	19.36581	26.91662	10
1721.59	1721.243	1118.743	117.7618	44.61861	117.8842	117.8761	19.9127	41.05213	39.03516	10.88787	28.1473	27.52767	10
1721.595	1721.247	1118.747	118.48	50.45986	118.5616	117.1089	18.15464	42.42583	39.41953	21.26622	18.15331	27.65308	10
1721.6	1721.25	1118.75	120.5774	45.89743	120.7488	120.5203	16.63338	49.03864	34.32798	8.689904	25.63808	26.47506	10
1721.605	1721.254	1118.754	118.1372	48.75478	118.3086	117.6883	18.18687	43.03589	38.77723	10.7519	28.02533	27.4482	10
1721.61	1721.258	1118.758	116.3989	57.36679	116.9049	117.9658	15.10882	44.90616	39.98503	24.7339	15.25112	27.25116	10
1721.615	1721.262	1118.762	115.3134	46.07726	115.3624	115.7541	22.38144	34.76515	42.85341	30.03586	12.81755	28.30185	10
1721.62	1721.266	1118.766	117.8842	54.13645	118.3004	118.9697	15.21979	46.93797	37.84224	17.36517	20.47707	26.93657	10
1721.625	1721.269	1118.769	119.949	55.82155	120.1449	118.8717	14.62013	48.49642	36.88346	28.89598	7.987473	26.95296	10
1721.63	1721.273	1118.773	118.7983	61.90924	119.3532	119.647	11.42261	52.33956	36.23783	17.85123	18.3866	26.57419	10
1721.635	1721.277	1118.777	118.3086	52.84432	118.2923	117.5333	18.49426	40.51643	40.9893	21.36167	19.62764	27.76134	10
1721.64	1721.281	1118.781	117.8026	58.31258	117.9658	117.6149	16.24498	42.75236	41.00267	24.99656	16.00611	27.5837	10
1721.645	1721.284	1118.784	116.456	73.97805	116.6764	116.3418	13.25006	41.65604	45.0939	38.23607	6.857827	28.05667	10
1721.65	1721.288	1118.788	115.3869	70.78767	115.5909	115.2563	15.13221	38.87337	45.99442	23.613	22.38142	28.31032	10
1721.655	1721.292	1118.792	113.8444	92.48754	114.024	112.3673	11.48965	36.87715	51.63319	38.41473	13.21846	29.19809	10
1721.66	1721.296	1118.796	108.9069	84.82132	109.3721	110.5555	15.67367	30.99486	53.33147	33.67447	19.657	29.18268	10
1721.665	1721.3	1118.8	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1722	1721.553	1119.053	98.87683	41.48818	98.33003	101.4884	43.23087	8.444287	48.32484	31.94596	16.37888	31.39855	-9999
1722.005	1721.558	1119.058	93.52309	29.01309	93.28642	93.2048	48.77182	5.896492	45.33169	29.95103	15.38067	32.73809	-9999
1722.01	1721.563	1119.063	100.8682	36.69263	100.6886	102.3127	39.71316	12.11478	48.17205	20.50579	27.66627	31.16619	-9999
1722.015	1721.568	1119.068	104.9243	45.01158	104.7284	104.9814	34.09486	16.50104	49.40411	29.6489	19.7552	30.68115	-9999
1722.02	1721.573	1119.073	100.0112	61.5629	98.9666	96.28973	41.18734	7.334628	51.47803	29.09766	22.38038	32.25872	-9999
1722.025	1721.579	1119.079	99.34201	41.56811	99.56236	99.26856	36.83814	13.78678	49.37508	33.62386	15.75122	31.14865	-9999
1722.03	1721.584	1119.084	104.1163	29.02641	103.5695	103.4389	41.4263	11.68935	46.88435	23.00404	23.88031	31.75797	-9999
1722.035	1721.589	1119.089	104.2795	22.39256	103.6103	102.3943	43.83027	10.38488	45.78486	14.01353	31.77133	32.35239	-9999
1722.04	1721.594	1119.094	98.46877	36.99901	98.18313	97.95461	42.66869	9.479711	47.85159	19.24222	28.60937	31.91795	-9999
1722.045	1721.599	1119.099	94.63301	56.18122	94.21679	93.2048	42.56748	7.491496	49.94102	21.08178	28.85925	31.90323	-9999
1722.05	1721.604	1119.104	101.9454	54.59602	101.0722	100.5825	39.76563	9.226039	51.00833	30.69754	20.3108	31.70383	-9999

1722.055	1721.609	1119.109	104.4264	28.47359	104.2795	103.7001	38.17556	15.26973	46.55471	21.76983	24.78488	31.25672	-9999
1722.06	1721.614	1119.114	108.1724	42.47394	108.4989	108.5478	27.67272	25.48615	46.84112	33.77457	13.06656	29.64946	-9999
1722.065	1721.619	1119.119	104.0265	117.7574	103.6103	103.9612	19.024	18.66132	62.31468	33.20352	29.11117	30.2518	-9999
1722.07	1721.624	1119.124	98.54222	69.04928	97.36701	98.45244	41.73911	6.265924	51.99496	36.07351	15.92145	31.56746	-9999
1722.075	1721.63	1119.13	105.4711	50.02027	105.1446	103.6185	33.39169	16.27978	50.32853	30.67437	19.65416	30.97912	-9999
1722.08	1721.635	1119.135	98.39532	48.5816	98.55854	96.38767	36.45458	13.02004	50.52538	20.69855	29.82683	31.47212	-9999
1722.085	1721.64	1119.14	96.18364	43.81269	96.15099	96.05306	41.16138	9.734768	49.10385	34.54334	14.56051	31.63508	-9999
1722.09	1721.645	1119.145	101.7006	36.78588	101.5537	100.5254	38.67176	13.11085	48.2174	24.523	23.6944	31.50528	-9999
1722.095	1721.65	1119.15	98.87683	44.925	97.94645	95.94696	45.37188	6.295515	48.33261	35.05631	13.2763	32.70481	-9999
1722.1	1721.655	1119.155	95.57971	39.35017	94.96762	93.63735	47.28762	5.879939	46.83245	24.33014	22.5023	32.75346	-9999
1722.105	1721.66	1119.16	101.8393	59.28501	101.3333	101.4884	35.88229	12.12076	51.99695	31.23436	20.76259	31.06309	-9999
1722.11	1721.665	1119.165	99.27672	51.5988	98.00358	96.68147	46.04537	4.842079	49.11255	21.26247	27.85008	32.72648	-9999
1722.115	1721.67	1119.17	106.6789	45.19141	106.4096	107.9602	33.0063	17.79058	49.20313	24.69495	24.50817	30.26877	-9999
1722.12	1721.675	1119.175	113.0528	74.09794	112.3999	110.8901	23.11966	23.37265	53.50769	40.64005	12.86764	30.02272	-9999
1722.125	1721.681	1119.181	110.7595	173.4125	106.8013	101.0314	26.81128	0	73.18872	34.41022	38.77851	23.71596	-9999
1722.13	1721.686	1119.186	113.3303	68.15678	112.7672	112.7753	23.6064	24.49533	51.89827	36.77961	15.11866	29.60492	-9999
1722.135	1721.691	1119.191	116.1704	175.6104	115.3951	111.7225	0	32.86695	67.13305	67.13305	0	-9999	-9999
1722.14	1721.696	1119.196	103.6756	82.45019	102.4188	102.7615	34.40587	9.352398	56.24173	34.43512	21.8066	31.10584	-9999
1722.145	1721.701	1119.201	103.2023	49.28762	102.7697	102.0434	36.47853	13.1563	50.36517	22.46429	27.90088	31.2496	-9999
1722.15	1721.706	1119.206	107.6746	137.226	107.4705	107.9113	9.311913	25.80876	64.87932	47.71538	17.16394	30.37082	10
1722.155	1721.711	1119.211	118.2923	104.8428	119.0513	119.2716	0	57.41929	42.58071	42.58071	0	-9999	10
1722.16	1721.716	1119.216	121.622	69.27574	121.8914	122.4382	9.255773	55.49744	35.24679	24.84881	10.39798	26.05401	10
1722.165	1721.721	1119.221	122.0709	104.623	123.0666	123.8664	0	74.61593	25.38407	25.38407	0	-9999	10
1722.17	1721.726	1119.226	123.442	123.5121	125.164	128.0041	0	98.35208	1.647915	1.647915	0	-9999	10
1722.175	1721.732	1119.232	126.4045	127.7149	127.9959	127.0492	0	100	0	0	0	-9999	10
1722.18	1721.737	1119.237	126.6248	144.5259	128.053	132.1173	0	100	0	0	0	-9999	10
1722.185	1721.742	1119.242	122.4953	139.0777	123.1727	122.8707	0	71.59966	28.40034	28.40034	0	-9999	10
1722.19	1721.747	1119.247	120.3162	135.2079	121.6302	122.0546	0	76.67806	23.32194	23.32194	0	-9999	10
1722.195	1721.752	1119.252	120.3652	116.9915	121.6139	121.2874	0	74.32092	25.67908	25.67908	0	-9999	10
1722.2	1721.757	1119.257	118.3902	117.178	119.4838	120.2754	0	64.52627	35.47373	35.47373	0	-9999	10
1722.205	1721.762	1119.262	116.8314	109.2653	116.7172	118.4555	6.958371	39.58185	53.45978	45.14217	8.317609	-9999	10
1722.21	1721.767	1119.267	119.9082	112.7754	119.998	120.8467	1.697079	50.2637	48.03922	48.03922	0	-9999	10
1722.215	1721.772	1119.272	123.6542	71.7268	124.2499	125.3354	4.263086	69.36919	26.36772	26.36772	0	-9999	10
1722.22	1721.777	1119.277	122.4871	89.43038	122.3892	122.5034	6.428684	51.72371	41.84761	32.36603	9.481582	-9999	10
1722.225	1721.783	1119.283	126.176	70.73439	126.5432	128.9753	3.954166	73.14599	22.89985	22.89985	0	-9999	10
1722.23	1721.788	1119.288	123.9561	103.5373	124.5682	126.9186	0	72.99939	27.00061	27.00061	0	-9999	10
1722.235	1721.793	1119.293	121.8669	98.26219	122.5279	125.0824	0	66.32971	33.67029	33.67029	0	-9999	10
1722.24	1721.798	1119.298	120.3571	88.73103	121.0834	122.1933	2.169425	62.03819	35.79239	35.79239	0	-9999	10
1722.245	1721.803	1119.303	119.0349	108.5726	119.998	123.3032	0	63.63674	36.36326	36.36326	0	-9999	10
1722.25	1721.808	1119.308	116.0969	78.02096	116.3662	116.1867	12.22254	41.88937	45.88809	34.68178	11.20631	28.11615	10
1722.255	1721.813	1119.313	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1722.27	1721.829	1119.329	107.4134	51.07263	107.2176	105.1201	30.33806	19.75471	49.90723	18.25521	31.65202	30.6438	2
1722.275	1721.834	1119.334	96.70595	58.26595	96.45295	95.22062	38.89089	9.837293	51.27182	34.39004	16.88178	31.55491	2
1722.28	1721.839	1119.339	91.9643	38.3844	91.74395	92.15201	47.81154	5.707498	46.48096	17.12513	29.35583	32.37843	2
1722.285	1721.844	1119.344	91.05841	25.56296	90.83806	88.65903	51.74775	4.349765	43.90248	16.60392	27.29856	33.56395	2
1722.29	1721.849	1119.349	93.81689	34.50133	93.64551	95.30223	46.66737	6.766787	46.56584	31.22457	15.34127	32.05991	2
1722.295	1721.854	1119.354	91.93982	29.24621	91.69499	91.86637	50.23526	4.966895	44.79785	22.52454	22.27331	32.87529	2
1722.3	1721.859	1119.359	100.2642	74.32439	99.50524	97.56288	35.65258	10.22314	54.12428	38.60912	15.51516	31.45017	2
1722.305	1721.864	1119.364	93.48228	56.75402	92.90284	91.65418	44.75251	6.093086	49.1544	25.36633	23.78807	32.18128	2
1722.31	1721.869	1119.369	96.64066	96.86349	95.57155	91.47463	35.93527	7.849875	56.21486	24.87155	31.34331	31.70333	2
1722.315	1721.874	1119.374	95.36752	89.92326	95.26958	93.62919	31.25945	11.90471	56.83585	39.35596	17.47988	30.87665	2
1722.32	1721.88	1119.38	98.43612	125.6301	95.35936	90.65035	42.88121	0	57.11879	32.33742	24.78137	31.67532	2
1722.325	1721.885	1119.385	105.5119	115.3463	103.8878	101.8638	27.60185	9.639663	62.75849	28.6827	34.07579	31.27452	2
1722.33	1721.89	1119.39	93.7108	100.9863	90.86255	89.15686	51.42133	0	48.57867	16.04283	32.53584	31.35696	2
1722.335	1721.895	1119.395	92.92732	45.49114	92.22546	91.10738	48.93743	4.484929	46.57764	19.48862	27.08902	32.82386	2
1722.34	1721.9	1119.4	94.4045	67.39082	93.92299	94.21679	40.57098	7.786475	51.64254	20.50211	31.14044	31.35943	2
1722.345	1721.905	1119.405	90.80542	79.89256	89.58124	84.79879	46.61239	3.718155	49.66945	31.79827	17.87118	32.73845	2
1722.35	1721.91	1119.41	88.48764	34.2882	87.68785	86.03929	56.49204	1.493262	42.01469	23.78583	18.22886	34.1155	2
1722.355	1721.915	1119.415	96.73043	53.30389	96.73043	96.00409	38.10846	10.9737	50.91784	24.84419	26.07366	31.37765	2
1722.36	1721.92	1119.42	98.44428	60.61711	98.45244	100.0112	34.69867	12.89447	52.40686	28.61491	23.79195	30.61892	2
1722.365	1721.925	1119.425	93.50677	60.05096	92.40501	91.50728	47.98008	3.862284	48.15764	19.8682	28.28944	32.56412	2
1722.37	1721.931	1119.431	92.6172	51.13257	92.20098	91.85005	45.6438	6.029014	48.32718	31.51651	16.81067	32.13678	2
1722.375	1721.936	1119.436	87.35324	45.48448	86.97782	85.18236	51.53724	3.344817	45.11794	21.52363	23.59431	33.0846	2
1722.38	1721.941	1119.441	90.52794	21.80644	90.3892	90.22597	52.51238	4.161236	43.32639	18.62542	24.70097	33.33856	2
1722.385	1721.946	1119.446	97.35885	42.50058	97.25275	95.82454	40.96696	10.10361	48.92943	34.00321	14.92622	31.87402	2
1722.39	1721.951	1119.451	106.9401	64.0739	106.6544	105.9934	28.32297	19.20888	52.46815	37.70339	14.76475	30.36342	2
1722.395	1721.956	1119.456	97.27723	59.32497	96.64882	96.2326	41.01849	8.128394	50.85312	19.47612	31.377	31.68308	2
1722.4	1721.961	1119.461	89.0018	62.22228	88.13671	88.17752	49.76497	3.31959	46.91544	14.4234	32.49204	32.36328	2
1722.405	1721.966	1119.466	90.1362	49.96699	89.89136	87.98981	46.88016	5.417593	47.70225	20.23165	27.47059	32.50133	2
1722.41	1721.971	1119.471	86.51264	42.77366	86.07193	85.63123	53.4726	2.599241	43.92815	14.71829	29.20986	33.13738	2
1722.415	1721.976	1119.476	90.32391	53.32387	89.94033	90.42184	46.97034	5.165378	47.86428	19.63246	28.23183	32.0488	2
1722.42	1721.982	1119.482	93.81689	43.07338	93.66999	93.66183	44.40319	7.466862	48.12995	28.8784	19.25156	31.99388	2
1722.425	1721.987	1119.487	96.16731	31.99699	95.62051	93.35171	48.02049	6.074963	45.90454	32.09131	13.81324	33.09317	2

1722.43	1721.992	1119.492	94.76359	38.49762	94.50243	92.78858	45.52505	7.173826	47.30113	29.45403	17.8471	32.51853	2
1722.435	1721.997	1119.497	101.2272	130.4457	100.0602	96.42847	24.34771	11.846	63.80629	32.70457	31.10173	31.17462	2
1722.44	1722.002	1119.502	91.60521	48.38179	91.85821	91.10738	42.05409	8.305508	49.6404	35.69259	13.94782	31.75177	2
1722.445	1722.007	1119.507	91.88269	59.28501	91.89085	91.17267	41.0577	8.104901	50.8374	17.10549	33.73191	31.5634	2
1722.45	1722.012	1119.512	84.88856	55.52849	85.01098	85.27214	47.51589	4.646443	47.83767	23.11631	24.72136	31.90668	2
1722.455	1722.017	1119.517	94.38001	58.77881	93.95563	93.78425	42.23487	7.478669	50.28646	17.96902	32.31744	31.68114	2
1722.46	1722.022	1119.522	95.89799	83.34269	95.52258	94.96762	34.51437	10.31076	55.17487	26.95002	28.22484	30.92876	2
1722.465	1722.027	1119.527	90.70748	56.64746	90.66668	91.40934	43.15668	7.026734	49.81659	27.74231	22.07428	31.50842	2
1722.47	1722.033	1119.533	90.11172	46.03064	90.20149	93.97196	45.26207	6.524513	48.21342	34.68106	13.53236	31.27922	2
1722.475	1722.038	1119.538	88.92835	63.56104	89.09157	90.82174	41.53917	7.341333	51.1195	23.09261	28.02689	31.0348	2
1722.48	1722.043	1119.543	96.36318	52.56458	95.86535	96.3795	42.48344	7.85148	49.66508	34.25676	15.40831	31.68203	2
1722.485	1722.048	1119.548	91.14819	66.39175	91.22164	93.30274	39.50762	8.434462	52.05792	23.43897	28.61895	30.81858	2
1722.49	1722.053	1119.553	92.57639	61.98251	92.64168	93.09871	39.32396	8.983133	51.69291	29.76888	21.92402	31.17061	2
1722.495	1722.058	1119.558	89.25479	68.27667	90.00562	90.78909	35.54371	10.23471	54.22158	22.86027	31.3613	30.70972	2
1722.5	1722.063	1119.563	88.23464	65.95882	88.07142	86.48815	44.12708	5.89158	49.98134	25.63503	24.34632	31.85849	2
1722.505	1722.068	1119.568	82.02399	57.26022	81.12626	78.54732	57.63837	0.801102	41.56053	26.33237	15.22816	33.75266	2
1722.51	1722.073	1119.573	84.28463	37.07228	83.86025	82.8401	56.7756	1.450996	41.7734	11.12393	30.64948	33.77811	2
1722.515	1722.079	1119.579	98.53406	66.17861	98.40348	97.14666	34.34543	12.46982	53.18475	21.88949	31.29526	31.11407	8
1722.52	1722.084	1119.584	109.6333	80.25889	109.8781	111.3634	17.81727	29.44394	52.73878	34.14932	18.58946	29.11799	8
1722.525	1722.089	1119.589	96.90182	49.97365	97.16298	98.57486	36.73273	12.41497	50.8523	18.88696	31.96534	30.83537	8
1722.53	1722.094	1119.594	95.78374	24.87026	96.15099	96.69779	43.01415	10.38856	46.59729	21.8899	24.7074	31.79171	8
1722.535	1722.099	1119.599	90.44632	50.45986	90.80542	92.00511	41.79513	8.166841	50.03803	24.4732	25.56483	31.32257	8
1722.54	1722.104	1119.604	91.45015	59.75124	91.04209	90.47081	44.56852	6.046727	49.38475	23.22346	26.16129	31.91933	8
1722.545	1722.109	1119.609	104.9161	111.8296	104.5652	104.3448	19.13414	19.67018	61.19568	42.9889	18.20678	30.28923	8
1722.55	1722.114	1119.614	107.0298	187.4461	107.3481	108.8008	0	33.49129	66.50871	66.50871	0	-9999	8
1722.555	1722.119	1119.619	90.10356	111.1902	89.05892	88.38971	38.29259	6.317198	55.39021	26.46854	28.92167	30.75542	8
1722.56	1722.124	1119.624	86.56976	52.17827	86.67586	86.19435	46.90644	5.143494	47.95007	26.57129	21.37878	32.07956	8
1722.565	1722.13	1119.63	86.52896	43.47301	86.74931	86.74115	48.16516	4.936399	46.89844	27.5692	19.32924	32.26243	8
1722.57	1722.135	1119.635	84.75798	74.51755	84.8804	81.81179	43.04067	5.870297	51.08903	24.11352	26.97551	31.772	8
1722.575	1722.14	1119.64	88.52845	58.33256	88.3081	88.72432	46.14508	5.299291	48.55563	16.89559	31.66004	31.82258	8
1722.58	1722.145	1119.645	101.0477	113.9743	100.9008	99.07269	20.59283	17.72278	61.68439	34.30504	27.37935	30.62919	8
1722.585	1722.15	1119.65	95.22878	78.24076	95.12268	95.92248	34.2775	10.97692	54.74557	26.01243	28.73314	30.65538	8
1722.59	1722.155	1119.655	87.48382	55.66836	87.92452	89.12421	42.62769	7.06489	50.30742	33.74559	16.56183	31.28444	8
1722.595	1722.16	1119.66	93.35171	80.34547	92.54375	91.01761	40.93449	6.540352	52.52515	20.44769	32.07746	31.60931	8
1722.6	1722.165	1119.665	99.07269	88.13158	97.66897	94.4045	38.40413	6.418797	55.17707	29.94567	25.2314	31.97442	8
1722.605	1722.17	1119.67	93.19664	74.99044	92.24995	89.54043	43.4483	5.464745	51.08695	33.15114	17.93582	32.14494	2
1722.61	1722.175	1119.675	90.56058	46.41028	90.683	90.82174	44.50424	6.948733	48.54703	26.73321	21.81381	31.8638	2
1722.615	1722.181	1119.681	90.27494	51.2125	89.20583	89.22215	52.83927	2.230044	44.93069	21.53775	23.39294	33.05893	2
1722.62	1722.186	1119.686	92.62536	41.1818	92.00511	91.36854	49.62561	4.42498	45.94941	24.21044	21.73897	32.86021	2
1722.625	1722.191	1119.691	90.89519	30.77146	90.51978	89.99746	51.83919	3.954876	44.20593	20.91855	23.28738	33.21824	2
1722.63	1722.196	1119.696	89.40985	47.06301	88.92018	89.67101	50.14863	3.898991	45.95238	32.53576	13.41662	32.47902	2
1722.635	1722.201	1119.701	88.07958	58.00619	87.33691	87.19001	50.68496	3.155562	46.15948	15.51043	30.64905	32.52943	2
1722.64	1722.206	1119.706	84.39073	53.95662	83.8929	84.06428	53.16123	2.403612	44.43516	31.71346	12.7217	32.69808	2
1722.645	1722.211	1119.711	87.20634	136.4268	85.24765	85.29662	41.93469	4.05502	54.01029	21.46973	32.54056	30.36627	2
1722.65	1722.216	1119.716	93.65367	119.0363	93.58838	91.36854	25.53784	12.89492	61.56723	43.23944	18.32779	30.63778	8
1722.655	1722.221	1119.721	105.6343	171.6541	108.964	113.8934	0	60.29628	39.70372	39.70372	0	-9999	8
1722.66	1722.226	1119.726	103.3165	81.51106	103.1778	102.8513	26.29837	17.76247	55.93916	39.08037	16.85879	30.36574	8
1722.665	1722.232	1119.732	91.57257	54.36291	91.90718	93.35171	40.0042	9.058152	50.93765	25.76524	25.17241	31.08499	8
1722.67	1722.237	1119.737	93.4578	54.76254	92.95181	91.49912	44.68774	6.297208	49.01506	29.97171	19.04335	32.21813	8
1722.675	1722.242	1119.742	95.7919	92.94046	94.9921	93.55574	35.57828	8.616857	55.80486	32.05651	23.74835	31.14322	8
1722.68	1722.247	1119.747	95.05739	98.13564	94.9921	93.22113	29.30437	12.41915	58.27648	26.87369	31.40279	30.76975	8
1722.685	1722.252	1119.752	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1723.015	1722.589	1120.089	104.0918	38.69744	104.1081	105.9118	34.74425	16.96554	48.29021	21.90508	26.38513	30.40346	-9999
1723.02	1722.595	1120.095	101.2925	38.99716	100.7947	101.0151	41.23175	10.37445	48.3938	23.9489	24.44491	31.67449	-9999
1723.025	1722.6	1120.1	104.0265	95.93102	103.0798	100.0847	28.41719	12.91633	58.66649	29.53119	29.1353	31.20625	-9999
1723.03	1722.605	1120.105	112.6692	119.3826	113.1099	114.7177	4.038272	39.89216	56.06957	56.06957	0	-9999	-9999
1723.035	1722.611	1120.111	119.141	95.86441	120.5121	122.43	0	70.7946	29.2054	29.2054	0	-9999	-9999
1723.04	1722.616	1120.116	125.6781	64.11386	126.4453	128.4611	2.91513	80.94089	16.14398	16.14398	0	-9999	-9999
1723.045	1722.621	1120.121	129.4241	53.31055	130.0525	131.5297	3.158464	93.37933	3.462204	3.462204	0	-9999	-9999
1723.05	1722.627	1120.127	122.1199	92.00799	123.1971	120.6835	0	75.71922	24.28078	24.28078	0	-9999	-9999
1723.055	1722.632	1120.132	105.1773	71.19396	104.8426	102.7289	28.6012	17.33334	54.06546	21.4707	32.59477	30.78018	2
1723.06	1722.637	1120.137	102.4759	88.5845	101.5619	97.98726	31.36862	11.58336	57.04802	28.4571	28.59092	31.46142	2
1723.065	1722.643	1120.143	99.43995	43.39974	99.12166	96.45295	40.47923	10.44424	49.07653	27.28836	21.78817	32.06994	2
1723.07	1722.648	1120.148	100.9824	44.11908	100.2724	99.16247	41.92204	9.004856	49.0731	15.94257	33.13053	32.05045	2
1723.075	1722.653	1120.153	97.20378	31.27099	96.80389	96.51824	46.10415	7.509519	46.38633	15.5697	30.81664	32.43276	2
1723.08	1722.659	1120.159	101.6516	53.86337	101.7251	100.9661	32.87632	15.84534	51.27833	21.30349	29.97485	30.81884	2
1723.085	1722.664	1120.164	98.15048	56.58751	97.35885	95.41648	42.14255	7.506363	50.35109	32.96365	17.38743	32.15182	2
1723.09	1722.669	1120.169	98.51773	108.173	96.28973	93.80873	40.45284	2.777987	56.76917	25.69544	31.07373	32.01671	2
1723.095	1722.675	1120.175	97.35068	72.13975	96.17547	94.66566	42.08743	5.919004	51.99357	19.40735	32.58622	32.00811	2
1723.1	1722.68	1120.18	101.2517	127.8481	100.0847	98.03622	24.9538	11.68418	63.36201	40.1631	23.19891	30.89128	2
1723.105	1722.685	1120.185	97.71794	118.257	95.65316	92.56007	37.48335	4.213441	58.30321	36.25027	22.05295	31.69068	2
1723.11	1722.691	1120.191	97.65265	118.4968	96.54273	96.66515	30.08524	9.559317	60.35545	25.33137	35.02408	30.51294	2
1723.115	1722.696	1120.196	97.38333	187.6726	95.40016	90.67484	20.36012	9.269623	70.37026	53.22048	17.14978	31.06798	10

1723.12	1722.701	1120.201	111.8286	146.8371	112.6692	115.2971	0	45.18751	54.81249	54.81249	0	-9999	10
1723.125	1722.707	1120.207	120.3571	106.6278	120.8386	119.0023	0	58.48932	41.51068	41.51068	0	-9999	10
1723.13	1722.712	1120.212	125.8006	101.326	126.0617	128.6651	0	71.12354	28.87646	28.87646	0	-9999	10
1723.135	1722.717	1120.217	129.3833	104.5963	129.6934	134.5738	0	86.9958	13.0042	13.0042	0	-9999	10
1723.14	1722.723	1120.223	132.7539	91.33528	133.1783	134.7207	0	100	0	0	0	-9999	10
1723.145	1722.728	1120.228	132.6968	111.783	133.4802	138.2056	0	100	0	0	0	-9999	10
1723.15	1722.733	1120.233	130.5749	126.4227	130.3463	135.1451	0	76.90798	23.09202	23.09202	0	-9999	10
1723.155	1722.739	1120.239	127.1553	140.6962	127.343	129.5955	0	76.87994	23.12006	23.12006	0	-9999	10
1723.16	1722.744	1120.244	123.6134	201.0801	124.5519	126.7146	0	85.8542	14.1458	14.1458	0	-9999	10
1723.165	1722.749	1120.249	117.0599	172.1736	118.5942	122.7809	0	71.60398	28.39602	28.39602	0	-9999	10
1723.17	1722.755	1120.255	114.7748	170.0223	116.5948	119.2716	0	68.5482	31.4518	31.4518	0	-9999	10
1723.175	1722.76	1120.26	112.6447	133.656	114.2933	117.1252	0	57.12337	42.87663	42.87663	0	-9999	10
1723.18	1722.765	1120.265	113.9016	101.2927	114.8891	115.7052	3.04458	48.93846	48.01696	48.01696	0	-9999	10
1723.185	1722.771	1120.271	115.0196	111.4233	115.9827	116.3418	0	52.13181	47.86819	47.86819	0	-9999	10
1723.19	1722.776	1120.276	114.1138	118.2104	114.9217	117.5414	0.146777	48.02399	51.82923	51.82923	0	-9999	10
1723.195	1722.781	1120.281	113.9424	102.7713	114.3015	116.7498	7.519396	40.25018	52.23042	40.55592	11.6745	-9999	10
1723.2	1722.787	1120.287	112.1796	110.331	112.6284	114.5136	6.616009	38.42226	54.96173	49.4757	5.486034	-9999	10
1723.205	1722.792	1120.292	105.9199	115.4729	106.1648	107.7317	12.71175	26.39401	60.89423	54.55946	6.334779	29.81427	10
1723.21	1722.797	1120.297	94.12702	108.1797	94.14334	92.70697	27.09717	12.88407	60.01876	36.99071	23.02805	30.57473	3
1723.215	1722.803	1120.303	91.09922	82.57008	90.29126	85.0273	42.46843	5.719424	51.81215	17.01685	34.7953	32.31707	3
1723.22	1722.808	1120.308	92.64984	104.6696	92.24995	88.03878	32.53131	9.735481	57.7332	37.42914	20.30406	31.24823	3
1723.225	1722.813	1120.313	95.76742	107.4803	95.03291	92.37236	31.57617	9.932029	58.4918	23.96891	34.52289	31.03291	3
1723.23	1722.819	1120.319	101.774	112.7021	102.027	101.7822	17.13324	21.28854	61.57822	31.90164	29.67658	30.27102	3
1723.235	1722.824	1120.324	102.3372	98.18226	102.6636	101.113	19.55973	21.49817	58.9421	28.20945	30.73265	30.41	3
1723.24	1722.829	1120.329	110.833	135.521	110.9146	110.4331	4.605116	33.22717	62.16772	53.83563	8.332087	-9999	3
1723.245	1722.835	1120.335	109.2742	91.34194	109.9842	111.7715	11.86034	34.78247	53.35719	31.89112	21.46607	28.97305	8
1723.25	1722.84	1120.34	115.5828	149.7278	117.3619	119.7042	0	69.19798	30.80202	30.80202	0	-9999	8
1723.255	1722.845	1120.345	122.2178	55.06226	122.7075	122.9605	10.4396	60.96278	28.59762	26.472	2.125623	25.15188	8
1723.26	1722.851	1120.351	122.6585	85.91364	124.4376	123.9235	0	93.3676	6.632405	6.632405	0	-9999	8
1723.265	1722.856	1120.356	121.2303	124.0516	123.2706	129.4486	0	95.0134	4.986596	4.986596	0	-9999	8
1723.27	1722.861	1120.361	114.7911	99.96061	114.3831	110.2045	13.36415	30.91575	55.7201	48.08641	7.633681	30.11449	8
1723.275	1722.866	1120.366	109.1844	73.20543	110.5228	111.1104	11.46178	40.52648	48.01174	31.69469	16.31706	28.6629	8
1723.28	1722.872	1120.372	105.4711	57.92627	105.8628	106.8258	25.91251	23.25596	50.83154	32.80896	18.02257	29.71193	8
1723.285	1722.877	1120.377	105.9526	110.4975	105.8873	102.0515	16.28923	23.24381	60.46696	31.52104	28.94591	30.81252	8
1723.29	1722.882	1120.382	106.6136	143.1006	107.9684	109.4292	0	40.1527	59.8473	59.8473	0	-9999	8
1723.295	1722.888	1120.388	111.0778	113.3682	111.6736	111.6246	5.756144	38.32562	55.91824	44.71817	11.20007	-9999	8
1723.3	1722.893	1120.393	113.2976	96.03758	114.4892	115.0441	3.290705	49.94708	46.76222	46.76222	0	-9999	8
1723.305	1722.898	1120.398	112.2693	195.2123	116.2275	113.4037	0	93.68279	6.317209	6.317209	0	-9999	8
1723.31	1722.904	1120.404	115.8113	214.2746	120.9283	126.4045	0	100	0	0	0	-9999	8
1723.315	1722.909	1120.409	119.7286	126.9289	122.936	125.6373	0	100	0	0	0	-9999	8
1723.32	1722.914	1120.414	123.8908	74.06463	125.2538	125.466	0	88.51386	11.48614	11.48614	0	-9999	8
1723.325	1722.92	1120.42	126.9105	51.73201	127.7348	126.2821	4.335042	87.03784	8.627122	8.627122	0	-9999	8
1723.33	1722.925	1120.425	128.7386	42.52722	129.6934	131.3502	3.590912	91.97519	4.433897	4.433897	0	-9999	8
1723.335	1722.93	1120.43	129.4405	55.80823	130.0444	129.9954	2.728755	92.87816	4.393088	4.393088	0	-9999	8
1723.34	1722.936	1120.436	127.2696	59.10518	128.0122	130.2811	2.852864	86.93355	10.21359	7.737706	2.475882	-9999	8
1723.345	1722.941	1120.441	111.5675	105.3689	110.9227	113.3792	16.85534	23.69188	59.45279	47.31707	12.13572	29.51461	8
1723.35	1722.946	1120.446	96.51824	69.17583	96.53457	93.76793	34.33617	11.97625	53.68758	30.16396	23.52362	31.35601	3
1723.355	1722.952	1120.452	98.54222	114.0409	99.30121	100.3622	15.86109	21.43064	62.70827	38.31278	24.39549	30.12336	3
1723.36	1722.957	1120.457	102.884	113.8477	102.076	98.15048	24.05727	14.36871	61.57403	32.88668	28.68735	31.17938	3
1723.365	1722.962	1120.462	107.3073	151.3063	107.9113	105.3242	0	34.3242	65.6758	65.6758	0	-9999	3
1723.37	1722.968	1120.468	113.1589	94.0794	114.4402	117.1905	3.196485	50.71522	46.0883	45.98988	0.098411	-9999	3
1723.375	1722.973	1120.473	111.6246	115.5395	111.7552	109.5925	8.332832	33.77332	57.89385	43.62526	14.26858	30.07021	3
1723.38	1722.978	1120.478	104.0918	126.3628	103.8307	102.3127	15.6797	20.57772	63.74257	41.29118	22.4514	30.61385	3
1723.385	1722.984	1120.484	103.0798	111.0237	102.2964	101.3497	24.37074	14.50956	61.1197	43.67411	17.44559	30.62936	3
1723.39	1722.989	1120.489	99.17063	100.1271	96.90998	94.02092	42.05227	2.159545	55.78818	24.87374	30.91444	32.38114	3
1723.395	1722.994	1120.494	108.4662	140.9426	106.8585	103.8633	18.56306	13.0926	68.34434	52.34094	16.00341	31.39775	3
1723.4	1723	1120.5	100.7865	86.41318	99.61949	99.25224	35.40902	8.633174	55.9578	35.51394	20.44386	31.19431	3
1723.405	1723.005	1120.505	92.44581	136.1004	89.05076	85.64755	48.3252	0	51.6748	14.46634	37.20846	30.93196	3
1723.41	1723.01	1120.51	96.16731	101.8455	95.48177	92.4703	32.19238	10.03311	57.77451	31.54644	26.22806	31.16841	3
1723.415	1723.016	1120.516	93.38435	87.65203	92.88652	92.80491	36.73281	8.517336	54.74986	32.51173	22.23813	30.89606	3
1723.42	1723.021	1120.521	102.9003	94.75211	102.8758	100.1745	22.59147	19.13509	58.27343	27.95025	30.32319	30.69754	3
1723.425	1723.026	1120.526	109.3231	66.69813	109.3231	107.8949	23.28176	25.36115	51.35709	22.54415	28.81294	29.87739	3
1723.43	1723.032	1120.532	103.4471	90.30956	103.4471	104.3775	22.97377	19.60809	57.41814	32.40028	25.01786	29.99515	3
1723.435	1723.037	1120.537	99.46443	116.2455	99.12982	94.21679	22.95453	15.27383	61.77164	33.31756	28.45408	31.23117	3
1723.44	1723.042	1120.542	104.6957	129.4333	105.5853	104.3611	5.462901	31.47139	63.06571	62.7931	0.272605	-9999	3
1723.445	1723.048	1120.548	107.5358	159.159	108.7763	106.1403	0	41.8426	58.1574	58.1574	0	-9999	3
1723.45	1723.053	1120.553	111.6899	155.3892	112.9141	117.3456	0	50.40193	49.59807	49.59807	0	-9999	3
1723.455	1723.058	1120.558	116.6927	86.41984	116.8396	119.4756	10.59064	41.86408	47.54527	30.91453	16.63075	27.71237	3
1723.46	1723.064	1120.564	102.027	77.52143	101.5374	101.064	31.16989	13.62374	55.20637	32.99793	22.20845	30.76724	3
1723.465	1723.069	1120.569	100.9579	88.57118	101.3497	97.0324	22.64852	19.80039	57.55109	38.08658	19.46451	30.97276	3
1723.47	1723.074	1120.574	105.8302	94.89864	107.0625	109.9107	10.12017	34.22954	55.65029	44.04098	11.60931	29.17148	3
1723.475	1723.08	1120.58	111.3553	57.53996	111.1431	109.2089	25.27296	25.29258	49.43446	26.86339	22.57107	29.90701	9
1723.48	1723.085	1120.585	113.4445	94.80539	113.469	113.6975	12.49838	34.18932	53.3123	36.97898	16.33333	29.06304	9

1723.485	1723.09	1120.59	117.6802	38.39772	117.7047	117.7944	22.25223	38.82391	38.92386	27.76479	11.15907	27.69326	9
1723.49	1723.096	1120.596	120.3979	49.41416	120.5856	121.2385	15.82101	49.10505	35.07394	11.99038	23.08356	26.36363	9
1723.495	1723.101	1120.601	127.7674	60.19084	128.0367	129.0406	5.80058	76.04259	18.15683	18.15683	0	-9999	9
1723.5	1723.106	1120.606	125.7108	77.30829	126.3718	127.6205	0.514284	79.26085	20.22487	20.22487	0	-9999	9
1723.505	1723.112	1120.612	120.6835	64.38694	121.1242	123.9561	9.974083	55.81366	34.21225	19.02837	15.18388	25.59722	9
1723.51	1723.117	1120.617	117.0518	65.97214	117.1252	119.6225	15.77787	40.10138	44.12076	28.29999	15.82077	27.46163	9
1723.515	1723.122	1120.622	118.3412	69.22912	118.2025	119.1247	15.44784	39.61747	44.93468	30.54065	14.39403	27.74385	9
1723.52	1723.128	1120.628	119.6797	73.98471	120.4142	120.6182	6.297973	59.06413	34.6379	32.87456	1.763341	-9999	9
1723.525	1723.133	1120.633	119.1574	60.1975	119.1574	119.443	15.80743	43.25106	40.94151	14.80912	26.13239	27.30754	9
1723.53	1723.138	1120.638	111.4777	62.7085	111.4532	112.6774	22.45482	28.07851	49.46668	34.79914	14.66754	29.06143	9
1723.535	1723.144	1120.644	105.2344	72.56602	105.1038	105.9771	26.63537	19.26948	54.09514	29.50368	24.59147	30.03913	9
1723.54	1723.149	1120.649	104.4999	68.28333	104.2632	103.7491	29.16977	17.27689	53.55334	37.39468	16.15866	30.50126	9
1723.545	1723.154	1120.654	100.2153	76.3958	101.1456	102.1984	22.10377	22.01685	55.87938	40.40075	15.47863	29.90207	9
1723.55	1723.16	1120.66	96.20812	88.67774	96.54273	98.66463	27.4353	14.86669	57.69801	39.38808	18.30993	30.00581	9
1723.555	1723.165	1120.665	95.06555	81.54436	94.73911	94.98394	35.33592	9.928334	54.73574	36.83179	17.90395	30.81574	9
1723.56	1723.17	1120.67	102.5657	147.5298	100.8355	102.9493	23.34618	9.706771	66.94705	34.36746	32.57959	30.25564	9
1723.565	1723.176	1120.676	120.5121	91.27534	121.7526	124.4132	0	72.96875	27.03125	27.03125	0	-9999	9
1723.57	1723.181	1120.681	121.1079	109.0655	122.2749	125.1803	0	74.90473	25.09527	25.09527	0	-9999	9
1723.575	1723.186	1120.686	119.647	133.2497	121.8587	125.5312	0	91.89893	8.101072	8.101072	0	-9999	9
1723.58	1723.192	1120.692	119.0676	133.6227	119.9898	124.3071	0	64.67667	35.32333	35.32333	0	-9999	9
1723.585	1723.197	1120.697	119.7368	128.1345	120.4142	124.0377	0	61.81524	38.18476	38.18476	0	-9999	9
1723.59	1723.202	1120.702	122.9523	134.7617	124.2255	127.8327	0	86.35758	13.64242	13.64242	0	-9999	9
1723.595	1723.208	1120.708	121.8261	185.1483	121.8587	124.7314	0	59.08399	40.91601	40.91601	0	-9999	9
1723.6	1723.213	1120.713	124.0541	189.9705	124.8375	128.7468	0	83.22167	16.77833	16.77833	0	-9999	9
1723.605	1723.218	1120.718	120.3081	210.1384	120.7325	121.9811	0	64.2324	35.7676	35.7676	0	-9999	9
1723.61	1723.224	1120.724	119.5001	184.0892	119.7613	117.974	0	57.17697	42.82303	42.82303	0	-9999	9
1723.615	1723.229	1120.729	115.0931	134.1223	114.9054	115.6889	3.111498	36.85645	60.03205	60.03205	0	-9999	9
1723.62	1723.234	1120.734	116.7417	137.0329	116.4805	117.9577	1.459693	38.9864	59.5539	59.5539	0	-9999	9
1723.625	1723.24	1120.74	115.7133	116.8583	115.5583	118.6106	6.465756	37.30259	56.23166	56.23166	0	-9999	9
1723.63	1723.245	1120.745	118.9207	92.10124	119.3532	119.4838	4.952263	52.52088	42.52686	42.52686	0	-9999	9
1723.635	1723.25	1120.75	118.8962	92.3943	118.986	119.5409	7.560332	46.38881	46.05085	31.14901	14.90184	-9999	9
1723.64	1723.256	1120.756	118.9778	77.92106	119.5001	121.2548	7.635568	53.33674	39.02769	39.02769	0	-9999	9
1723.645	1723.261	1120.761	118.0719	110.0846	119.19	121.9077	0	63.46239	36.53761	36.53761	0	-9999	9
1723.65	1723.266	1120.766	118.1862	128.4209	119.8021	124.6988	0	74.08205	25.91795	25.91795	0	-9999	9
1723.655	1723.271	1120.771	117.7618	120.2684	118.0474	119.4593	0.340461	48.88868	50.77086	50.77086	0	-9999	9
1723.66	1723.277	1120.777	117.1987	92.90049	117.9413	119.4838	3.939623	53.23589	42.82449	42.82449	0	-9999	9
1723.665	1723.282	1120.782	106.279	105.0159	106.1403	104.9324	17.88469	22.5838	59.53151	33.2477	26.28381	30.29146	9
1723.67	1723.287	1120.787	95.54706	88.19153	95.44097	96.80389	31.57659	11.8683	56.55511	39.14262	17.41248	30.33711	9
1723.675	1723.293	1120.793	98.55038	128.321	99.61949	99.57869	9.994337	24.46023	65.54543	60.50543	5.039995	30.62458	9
1723.68	1723.298	1120.798	97.53839	45.30464	97.79955	99.26856	37.27698	12.65095	50.07207	25.07122	25.00085	30.87296	9
1723.685	1723.303	1120.803	97.24459	79.22651	96.84469	100.6152	34.46137	10.77388	54.76475	38.92991	15.83484	30.16388	9
1723.69	1723.309	1120.809	101.4231	39.2436	100.811	101.4639	41.93747	9.681331	48.3812	33.22713	15.15407	31.70944	9
1723.695	1723.314	1120.814	105.6343	39.62991	105.2181	106.8993	36.45173	14.95409	48.59418	29.28589	19.30829	30.6932	9
1723.7	1723.319	1120.819	113.6322	114.2141	111.037	111.445	27.93177	2.726662	69.34157	48.0471	21.29447	31.84512	9
1723.705	1723.325	1120.825	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1724.04	1723.694	1121.194	103.4144	65.54587	104.2877	105.014	22.22895	25.11388	52.65716	25.88507	26.77209	29.67935	-9999
1724.045	1723.7	1121.2	107.0707	127.182	107.6746	110.8003	6.036512	32.31806	61.64543	53.51723	8.128202	-9999	-9999
1724.05	1723.707	1121.207	111.1268	151.0266	112.1714	115.3706	0	46.51929	53.48071	53.48071	0	-9999	-9999
1724.055	1723.714	1121.214	115.795	113.3349	116.8314	118.9207	0	55.49909	44.50091	44.50091	0	-9999	-9999
1724.06	1723.721	1121.221	113.1426	145.4517	114.6279	115.6644	0	57.0136	42.9864	42.9864	0	-9999	-9999
1724.065	1723.728	1121.228	108.6621	194.9059	110.0168	110.1556	0	47.80114	52.19886	52.19886	0	-9999	-9999
1724.07	1723.734	1121.234	112.3917	156.6147	113.1018	111.0207	0	45.36508	54.63492	54.63492	0	-9999	-9999
1724.075	1723.741	1121.241	117.3293	171.794	117.9169	119.2879	0	56.32385	43.67615	43.67615	0	-9999	-9999
1724.08	1723.748	1121.248	124.4458	119.9554	124.6335	125.0661	0	65.92895	34.07105	34.07105	0	-9999	-9999
1724.085	1723.755	1121.255	127.2043	87.89847	127.4736	129.4405	0	75.69234	24.30766	24.30766	0	-9999	-9999
1724.09	1723.762	1121.262	125.5721	102.2585	126.0454	127.9061	0	75.65313	24.34687	24.34687	0	-9999	-9999
1724.095	1723.768	1121.268	126.4861	91.5684	127.1798	128.9589	0	84.33115	15.66885	15.66885	0	-9999	-9999
1724.1	1723.775	1121.275	126.584	81.7575	126.9595	128.3305	0.84791	75.67823	23.47386	23.47386	0	-9999	-9999
1724.105	1723.782	1121.282	124.2744	88.40466	124.862	125.6455	0	72.5867	27.4133	27.4133	0	-9999	-9999
1724.11	1723.789	1121.289	123.1074	116.9182	123.5644	125.5312	0	67.38259	32.61741	32.61741	0	-9999	-9999
1724.115	1723.796	1121.296	123.0747	149.5479	124.7559	124.862	0	97.36667	2.633331	2.633331	0	-9999	-9999
1724.12	1723.802	1121.302	122.43	177.2289	123.4909	123.3277	0	82.32283	17.67717	17.67717	0	-9999	-9999
1724.125	1723.809	1121.309	120.8141	151.5461	122.2096	124.6335	0	81.36942	18.63058	18.63058	0	-9999	-9999
1724.13	1723.816	1121.316	120.0714	128.1744	121.4833	125.4496	0	77.23238	22.76762	22.76762	0	-9999	-9999
1724.135	1723.823	1121.323	117.5578	141.3489	118.1617	121.0181	0	55.1503	44.8497	44.8497	0	-9999	-9999
1724.14	1723.83	1121.33	112.1387	183.2234	113.926	116.1867	0	60.95727	39.04273	39.04273	0	-9999	-9999
1724.145	1723.837	1121.337	94.97578	200.0078	94.52692	92.70697	7.699095	17.23275	75.06816	61.34987	13.71829	-9999	1
1724.15	1723.843	1121.343	80.43256	44.41214	80.00001	78.89009	58.60652	0.708642	40.68484	15.36818	25.31666	33.77002	1
1724.155	1723.85	1121.35	79.44505	50.34663	80.35094	81.73018	47.70601	4.135945	48.15804	28.62461	19.53343	31.59077	1
1724.16	1723.857	1121.357	79.82047	52.30482	80.41623	81.14258	49.29022	3.633963	47.07582	18.68257	28.39325	31.86791	1
1724.165	1723.864	1121.364	76.92325	47.29613	77.36395	78.07397	54.3695	1.861142	43.76936	25.60716	18.16221	32.50641	1
1724.17	1723.871	1121.371	79.72253	57.75976	79.28183	80.66923	56.09286	1.390687	42.51645	18.2011	24.31535	32.59105	1
1724.175	1723.877	1121.377	79.0778	82.21707	78.07397	77.51901	55.13154	1.567474	43.30099	11.81868	31.4823	32.29163	1

1724.18	1723.884	1121.384	80.63658	78.26074	80.99568	79.93472	44.09228	5.096397	50.81132	22.46955	28.34178	31.24646	1
1724.185	1723.891	1121.391	77.48637	30.12539	78.06581	80.53049	56.93151	1.207096	41.8614	29.39721	12.46419	32.94086	1
1724.19	1723.898	1121.398	80.84061	32.60309	81.27316	82.92988	54.38448	2.290436	43.32508	27.98602	15.33906	32.77984	1
1724.195	1723.905	1121.405	77.15176	41.81455	78.39226	78.69422	49.28739	3.380789	47.33182	28.25903	19.07279	32.04408	1
1724.2	1723.911	1121.411	77.76385	52.45135	77.56798	75.74804	57.28201	1.060028	41.65796	20.71663	20.94133	33.36618	1
1724.205	1723.918	1121.418	78.81664	92.80059	81.28132	82.47285	25.9297	10.73801	63.33229	32.69687	30.63542	30.13429	1
1724.21	1723.925	1121.425	81.21603	99.82074	81.10993	81.40374	41.94687	5.534636	52.51849	27.25417	25.26432	30.48132	1
1724.215	1723.932	1121.432	82.42388	53.27725	81.50983	82.21169	58.36084	0.58781	41.05135	10.99199	30.05936	33.35612	1
1724.22	1723.939	1121.439	85.21501	25.05676	85.84342	85.95768	50.66827	4.413065	44.91866	32.69589	12.22278	32.77434	1
1724.225	1723.945	1121.445	80.20404	19.24881	81.17522	81.58328	54.02742	2.548039	43.42454	21.18439	22.24016	33.16415	1
1724.23	1723.952	1121.452	78.52284	26.88839	79.68173	81.17522	52.27062	2.778851	44.95053	17.35086	27.59967	32.52026	1
1724.235	1723.959	1121.459	78.68606	24.12429	79.24918	79.82863	57.40655	1.206084	41.38736	22.61063	18.77673	33.53385	1
1724.24	1723.966	1121.466	77.24153	31.95036	78.72687	79.96737	49.69445	3.325679	46.97987	29.1533	17.82656	32.10832	1
1724.245	1723.973	1121.473	79.08596	46.53683	80.04898	81.12626	48.5156	3.866618	47.61778	28.48582	19.13196	31.79047	1
1724.25	1723.979	1121.479	80.26117	29.44602	81.14258	81.94237	52.20288	3.024068	44.77305	26.96261	17.81044	32.6489	1
1724.255	1723.986	1121.486	76.66209	29.29949	78.07397	76.08265	51.4383	2.71743	45.84427	19.85541	25.98886	32.94984	1
1724.26	1723.993	1121.493	76.1969	51.37901	77.76385	75.58481	45.32129	4.353008	50.3257	29.6897	20.636	31.89646	1
1724.265	1724	1121.5	77.74753	42.37403	78.94722	78.75135	48.92013	3.580209	47.49966	18.45299	29.04667	32.10302	1
1724.27	1724.007	1121.507	76.10713	40.04952	77.3966	78.07397	50.29609	2.933714	46.77019	22.66644	24.10376	32.08855	1
1724.275	1724.013	1121.513	76.16426	57.67317	78.71871	70.53304	36.17499	7.028166	56.79684	29.08328	27.71357	32.39354	1
1724.28	1724.02	1121.52	77.0375	59.21174	78.44939	72.86714	43.85415	4.902107	51.24374	28.65323	22.59052	32.28127	1
1724.285	1724.027	1121.527	77.01302	35.36053	77.7312	80.08979	55.02485	1.70201	43.27314	25.4044	17.86875	32.53695	1
1724.29	1724.034	1121.534	76.39277	32.4499	77.48637	80.19588	53.39039	2.104119	44.50549	29.48704	15.01845	32.26892	1
1724.295	1724.041	1121.541	74.87479	43.80603	76.35196	78.75135	49.06604	3.085595	47.84837	21.39422	26.45415	31.51502	1
1724.3	1724.047	1121.547	75.91126	58.8654	77.02934	78.26984	47.25108	3.751768	48.99715	18.49771	30.49944	31.27904	1
1724.305	1724.054	1121.554	78.00052	67.3109	80.14691	83.54197	35.31575	7.708739	56.97551	36.61681	20.3587	30.08211	1
1724.31	1724.061	1121.561	78.22904	44.90501	79.73069	78.531	45.52443	4.704544	49.77103	35.07735	14.69368	31.91263	1
1724.315	1724.068	1121.568	75.88678	23.67804	76.05	75.19308	63.1891	0	36.8109	20.86315	15.94775	33.85572	1
1724.32	1724.075	1121.575	74.41776	34.16831	75.03801	74.52386	58.45999	0.539332	41.00068	24.0938	16.90688	33.51909	1
1724.325	1724.081	1121.581	74.52386	44.07911	76.06632	71.69193	48.81681	3.096827	48.08636	19.62924	28.45712	32.72157	1
1724.33	1724.088	1121.588	75.05434	61.48297	76.5968	69.92911	44.11704	4.489883	51.39308	20.08557	31.3075	32.39269	1
1724.335	1724.095	1121.595	75.51136	76.94862	77.88627	71.6348	33.50247	7.564975	58.93255	41.23674	17.69581	31.6186	1
1724.34	1724.102	1121.602	76.65393	48.00214	76.5968	73.61797	58.30461	0.754009	40.94138	12.42188	28.5195	33.77674	1
1724.345	1724.109	1121.609	77.72304	75.29016	79.31447	74.27902	37.941	6.730785	55.32822	24.94155	30.38667	31.5623	1
1724.35	1724.115	1121.615	77.20073	49.46745	78.22904	78.19639	49.03481	3.429049	47.53614	22.462	25.07413	31.93	1
1724.355	1724.122	1121.622	76.08265	34.14166	77.04566	78.32697	54.27828	1.813323	43.90839	18.88623	25.02217	32.61125	1
1724.36	1724.129	1121.629	77.59246	46.67004	78.90641	82.75033	47.13767	4.073169	48.78916	15.53979	33.24937	31.08236	1
1724.365	1724.136	1121.636	77.32314	53.17734	79.24918	76.16426	41.06699	5.848093	53.08492	29.50369	23.58123	31.75469	1
1724.37	1724.143	1121.643	81.20787	97.23647	81.17522	72.01838	42.01053	5.552279	52.43719	31.05772	21.37947	32.27339	2
1724.375	1724.15	1121.65	83.90106	116.5985	82.23618	73.60165	47.49702	3.100417	49.40257	19.60586	29.79671	32.51765	2
1724.38	1724.156	1121.656	85.16604	74.23781	85.3211	84.35808	42.47996	6.140295	51.37975	24.85211	26.52764	31.33645	2
1724.385	1724.163	1121.663	81.68122	46.17051	81.5996	82.30963	54.31251	2.139612	43.54788	25.2713	18.27658	32.74538	2
1724.39	1724.17	1121.67	78.85745	29.27285	78.44123	77.3966	63.59283	0	36.40717	18.99382	17.41335	33.93971	2
1724.395	1724.177	1121.677	79.60011	49.86042	80.08979	81.50983	50.90672	3.11239	45.98089	14.41586	31.56503	31.97097	2
1724.4	1724.184	1121.684	80.49784	45.04488	80.68555	80.93039	53.58639	2.353922	44.05969	19.58101	24.47868	32.6838	2
1724.405	1724.19	1121.69	79.45321	45.66431	79.04515	77.94339	59.01474	0.578718	40.40654	25.3266	15.07994	33.75904	2
1724.41	1724.197	1121.697	81.06097	54.46948	80.37543	78.46571	57.55523	0.919657	41.52512	19.87167	21.65345	33.5838	2
1724.415	1724.204	1121.704	86.28412	134.6751	86.47999	79.71437	26.50926	10.88596	62.60479	32.65339	29.9514	31.07961	2
1724.42	1724.211	1121.711	92.33156	184.1825	91.58889	89.97298	16.23848	13.38757	70.37396	51.16254	19.21141	30.30797	2
1724.425	1724.218	1121.718	90.56058	110.5974	88.72432	84.64372	44.15075	3.304345	52.5449	35.40857	17.13633	31.9473	2
1724.43	1724.224	1121.724	91.33589	84.24852	89.8424	88.15303	47.15743	3.0707	49.77187	33.20668	16.56518	32.21601	2
1724.435	1724.231	1121.731	91.65418	130.9385	90.47081	84.98649	33.16215	7.610417	59.22743	37.14038	22.08704	31.2345	2
1724.44	1724.238	1121.738	97.2854	240.6967	98.18313	99.25224	0	29.51628	70.48372	70.48372	0	-9999	10
1724.445	1724.245	1121.745	108.4336	205.4827	109.7149	114.5789	0	47.21583	52.78417	52.78417	0	-9999	10
1724.45	1724.252	1121.752	117.6231	156.0885	118.2596	120.4713	0	56.87419	43.12581	43.12581	0	-9999	10
1724.455	1724.258	1121.758	123.85	122.7395	124.8865	125.8006	0	83.8316	16.1684	16.1684	0	-9999	10
1724.46	1724.265	1121.765	130.6075	92.86719	131.8806	134.1495	0	100	0	0	0	-9999	10
1724.465	1724.272	1121.772	128.91	114.8068	130.7136	132.8437	0	100	0	0	0	-9999	10
1724.47	1724.279	1121.779	125.9556	106.6677	127.0003	127.8164	0	92.23659	7.763407	7.763407	0	-9999	10
1724.475	1724.286	1121.786	127.8817	84.38839	128.4774	127.7348	0	87.29504	12.70496	12.70496	0	-9999	10
1724.48	1724.292	1121.792	127.7021	98.37542	128.7957	130.1831	0	100	0	0	0	-9999	10
1724.485	1724.299	1121.799	128.102	130.8853	129.8077	130.2647	0	100	0	0	0	-9999	10
1724.49	1724.306	1121.806	128.4938	99.49438	129.4405	133.5782	0	100	0	0	0	-9999	10
1724.495	1724.313	1121.813	129.4568	114.3539	130.7381	133.3415	0	100	0	0	0	-9999	10
1724.5	1724.32	1121.82	126.3229	111.4966	127.4491	129.1793	0	96.4755	3.524498	3.524498	0	-9999	10
1724.505	1724.326	1121.826	125.6781	107.0873	126.7391	128.053	0	91.40622	8.593782	8.593782	0	-9999	10
1724.51	1724.333	1121.833	125.4823	80.75176	126.078	127.2859	0.397189	76.92021	22.6826	22.6826	0	-9999	10
1724.515	1724.34	1121.84	124.3316	85.87368	125.2619	125.466	0	80.81634	19.18366	19.18366	0	-9999	10
1724.52	1724.347	1121.847	121.3119	83.05629	121.9077	122.7238	3.676228	62.11852	34.20525	34.20525	0	-9999	10
1724.525	1724.354	1121.854	106.3198	117.4644	107.0543	107.038	8.066959	31.7545	60.17854	41.89171	18.28684	30.09565	10
1724.53	1724.36	1121.86	86.0148	48.44839	85.45984	84.2275	53.44281	2.415404	44.14178	15.82129	28.3205	33.15336	1
1724.535	1724.367	1121.867	84.47234	50.87947	83.15023	80.51417	60.21898	0	39.78102	9.505366	30.27566	34.16776	1
1724.54	1724.374	1121.874	85.09259	46.23711	84.21118	83.23184	57.35635	0.926039	41.71762	28.00624	13.71137	33.76391	1

1724.545	1724.381	1121.881	88.27545	40.20937	87.76946	88.34074	52.97737	2.895064	44.12757	24.85981	19.26776	32.96937	1
1724.55	1724.388	1121.888	89.37721	45.94405	90.3892	92.40501	38.81161	9.904015	51.28437	35.57114	15.71324	30.90147	1
1724.555	1724.394	1121.894	89.53227	41.05525	90.16884	91.89902	42.7615	8.110179	49.12832	18.80802	30.3203	31.37708	1
1724.56	1724.401	1121.901	86.61057	40.52907	87.34508	88.75696	44.81782	6.615162	48.56702	25.4206	23.14642	31.6158	1
1724.565	1724.408	1121.908	85.71284	35.47376	85.73732	85.68019	52.36979	3.339371	44.29084	30.65426	13.63658	32.93135	1
1724.57	1724.415	1121.915	86.03929	46.55015	86.35757	89.10789	47.112	5.238642	47.64936	30.01166	17.63769	31.54333	1
1724.575	1724.422	1121.922	86.89621	41.52149	86.07193	85.37823	56.39545	1.349244	42.25531	12.90414	29.35116	33.71229	1
1724.58	1724.428	1121.928	87.11656	70.56122	87.17369	86.83092	42.3342	6.475148	51.19065	20.16907	31.02158	31.32936	1
1724.585	1724.435	1121.935	86.9615	75.36343	86.22699	83.02781	47.44989	3.961445	48.58866	26.54723	22.04143	32.34166	1
1724.59	1724.442	1121.942	91.10738	208.6065	87.5083	80.759	33.59131	3.30406	63.10462	37.97414	25.13048	30.59829	1
1724.595	1724.449	1121.949	97.48126	219.17	97.0732	95.77558	0.440547	20.33186	79.2276	79.2276	0	-9999	10
1724.6	1724.456	1121.956	113.4282	215.9863	116.0888	118.0882	0	79.94931	20.05069	20.05069	0	-9999	10
1724.605	1724.462	1121.962	121.6955	96.69031	123.1482	125.3354	0	82.46882	17.53118	17.53118	0	-9999	10
1724.61	1724.469	1121.969	114.277	102.8646	115.289	116.962	2.129058	50.35189	47.51906	47.51906	0	-9999	10
1724.615	1724.476	1121.976	106.5075	88.97747	107.2257	107.0462	14.9146	29.97209	55.11331	32.09769	23.01562	29.64531	10
1724.62	1724.483	1121.983	106.1566	68.40322	106.5483	108.0582	22.74639	24.91674	52.33687	24.39043	27.94644	29.45169	10
1724.625	1724.49	1121.99	110.4902	73.47185	111.5267	112.808	12.5362	39.79681	47.667	30.37276	17.29423	28.40822	10
1724.63	1724.497	1121.997	108.8661	66.57824	109.7557	109.6088	16.83708	34.35455	48.80837	31.80113	17.00724	29.00493	10
1724.635	1724.503	1122.003	108.0663	67.58398	108.4989	108.7927	20.87146	28.12159	51.00695	34.97702	16.02993	29.37652	10
1724.64	1724.51	1122.01	106.9156	75.61653	106.785	107.7317	24.35044	21.43723	54.21233	31.50054	22.71178	29.81495	10
1724.645	1724.517	1122.017	108.6702	127.0954	107.3236	105.0956	19.70239	14.82574	65.47187	40.88788	24.58399	31.05878	10
1724.65	1724.524	1122.024	107.544	117.3778	107.2747	106.3933	14.74132	23.66835	61.59034	41.6333	19.95704	30.29998	10
1724.655	1724.531	1122.031	106.3443	122.9859	106.581	103.7735	10.56642	27.39432	62.03926	41.45166	20.5876	30.70751	10
1724.66	1724.537	1122.037	111.698	173.1128	113.1181	111.6736	0	54.17629	45.82371	45.82371	0	-9999	10
1724.665	1724.544	1122.044	116.5213	213.6818	119.1002	124.6825	0	90.61755	9.382454	9.382454	0	-9999	10
1724.67	1724.551	1122.051	119.3043	325.3582	123.4746	131.1543	0	100	0	0	0	-9999	10
1724.675	1724.558	1122.058	111.037	354.6843	111.6736	111.4695	0	55.03343	44.96657	44.96657	0	-9999	10
1724.68	1724.565	1122.065	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1725.005	1725.005	1122.505	95.52258	66.79138	95.41648	96.79572	36.77795	10.40677	52.81528	21.8141	31.00118	30.7776	-9999
1725.01	1725.01	1122.51	95.22878	66.75142	95.23694	97.78323	36.17243	10.81304	53.01453	35.19387	17.82066	30.50043	-9999
1725.015	1725.015	1122.515	100.7784	66.64485	101.8801	103.4716	22.6172	23.34567	54.03713	37.39881	16.63832	29.70359	-9999
1725.02	1725.02	1122.52	101.3741	75.8563	101.7169	101.5782	25.72209	19.03711	55.24079	36.24708	18.99371	30.23607	-9999
1725.025	1725.025	1122.525	103.0145	70.49461	103.2104	104.0265	26.64894	19.3693	53.98175	25.09794	28.88381	30.04249	-9999
1725.03	1725.03	1122.53	93.00894	52.65116	92.81307	93.62919	43.20818	7.382938	49.40888	34.99975	14.40914	31.57943	-9999
1725.035	1725.035	1122.535	99.78272	46.79659	100.0357	100.7131	34.9144	14.78519	50.30041	29.74825	20.55216	30.7324	-9999
1725.04	1725.04	1122.54	95.31039	58.6456	94.64117	93.07423	43.30864	6.734135	49.95723	34.0214	15.93582	32.09049	-9999
1725.045	1725.045	1122.545	91.39302	45.60437	91.5236	91.13186	43.87018	7.432902	48.69692	30.44809	18.24883	31.88772	-9999
1725.05	1725.05	1122.55	95.20429	12.5417	95.66948	96.4856	45.77176	9.615154	44.61309	20.26672	24.34637	32.15423	-9999
1725.055	1725.055	1122.555	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1725.07	1725.07	1122.57	111.8857	37.46525	111.6491	111.4532	29.83275	24.42921	45.73805	25.26499	20.47306	29.7057	-9999
1725.075	1725.075	1122.575	106.5239	61.22987	106.7768	107.9929	25.2197	23.62607	51.15423	26.79921	24.35502	29.58632	-9999
1725.08	1725.08	1122.58	84.79063	82.74991	84.01531	82.82378	47.97582	3.627802	48.39638	28.23315	20.16323	31.79419	-9999
1725.085	1725.084	1122.584	88.23464	73.39858	88.7488	90.43816	37.07697	8.978795	53.94423	37.94754	15.9967	30.53926	-9999
1725.09	1725.089	1122.589	87.24714	81.2513	87.72865	88.0551	36.33811	8.809067	54.85282	24.7169	30.13592	30.63462	-9999
1725.095	1725.094	1122.594	91.3767	37.58514	91.53992	91.39302	45.57285	7.027083	47.40007	21.82592	25.57415	32.12292	-9999
1725.1	1725.099	1122.599	92.63352	31.61068	92.66617	92.40501	46.87438	6.815406	46.31021	23.02892	23.28129	32.40155	-9999
1725.105	1725.104	1122.604	89.17318	23.65139	89.09157	88.87122	52.86953	3.810918	43.31955	32.52602	10.79353	33.31645	-9999
1725.11	1725.109	1122.609	94.23311	74.65076	95.48177	97.01608	25.56293	17.1883	57.24877	31.10535	26.14342	30.09823	-9999
1725.115	1725.114	1122.614	88.55293	58.0395	88.77328	86.92886	42.77802	6.984811	50.23717	32.94186	17.29532	31.83836	-9999
1725.12	1725.119	1122.619	85.92503	46.13054	85.32926	83.15839	54.40257	2.093326	43.50411	21.18045	22.32365	33.5066	-9999
1725.125	1725.124	1122.624	87.87555	27.88081	87.98981	87.84291	51.52185	4.183045	44.29511	21.89842	22.39669	32.98612	-9999
1725.13	1725.129	1122.629	87.59807	42.76034	86.88805	86.02296	54.56445	2.069589	43.36596	12.70895	30.65701	33.43277	-9999
1725.135	1725.134	1122.634	90.5769	47.94886	90.50345	90.09539	45.63487	6.22824	48.13689	33.96375	14.17314	32.06828	-9999
1725.14	1725.139	1122.639	87.0676	66.5183	86.35757	86.07193	49.30306	3.485228	47.21171	24.4597	22.75201	32.16368	-9999
1725.145	1725.144	1122.644	83.47668	40.31594	82.34227	80.38359	62.23663	0	37.76337	26.23325	11.53011	34.00341	-9999
1725.15	1725.149	1122.649	82.83194	57.65319	81.1589	78.44123	62.80862	0	37.19138	18.7355	18.45588	33.32991	-9999
1725.155	1725.154	1122.654	91.75211	106.8609	92.60088	94.18415	23.14981	15.11107	61.73912	31.83903	29.90009	29.96782	-9999
1725.16	1725.159	1122.659	90.14436	104.7162	90.85438	94.13518	26.22319	13.13798	60.63883	35.89446	24.74436	29.63773	-9999
1725.165	1725.164	1122.664	86.18619	181.3718	81.34661	75.49504	54.32349	0	45.67651	28.59895	17.07756	30.18134	-9999
1725.17	1725.169	1122.669	84.72534	171.9605	81.66489	78.3841	44.15668	3.03655	52.80676	30.50087	22.30589	30.33686	-9999
1725.175	1725.174	1122.674	88.38155	192.9011	85.52513	80.88142	34.14412	5.006122	60.84975	23.60925	37.2405	30.08768	-9999
1725.18	1725.179	1122.679	85.99848	157.4739	84.63556	75.31549	33.33532	7.163601	59.50108	30.83341	28.66768	31.21875	-9999
1725.185	1725.184	1122.684	85.21501	132.0442	85.05178	82.08111	30.91248	9.029542	60.05797	35.86549	24.19249	30.33607	-9999
1725.19	1725.189	1122.689	90.58507	112.3824	91.76844	92.0704	20.29407	16.08042	63.62552	44.27583	19.34968	30.24527	10
1725.195	1725.194	1122.694	94.1515	140.1567	95.645	97.93829	7.888111	22.86122	69.25067	49.367	19.88367	-9999	10
1725.2	1725.199	1122.699	97.1793	171.8672	98.85234	104.4101	0	29.64934	70.35066	70.35066	0	-9999	10
1725.205	1725.204	1122.704	99.61949	154.5966	101.4394	103.6103	0	32.93519	67.06481	67.06481	0	-9999	10
1725.21	1725.209	1122.709	102.2229	118.8764	103.8062	106.2056	4.916497	32.80245	62.28105	62.28105	0	-9999	10
1725.215	1725.214	1122.714	104.6631	84.52826	105.9607	107.6746	13.19749	32.09716	54.70535	44.51373	10.19162	29.32506	10
1725.22	1725.219	1122.719	107.2992	50.89279	108.4254	109.3068	20.24033	32.88517	46.8745	18.92484	27.94966	28.87937	10
1725.225	1725.224	1122.724	110.074	40.24933	110.9227	112.2612	22.4137	34.45386	43.13244	31.54091	11.59153	28.42644	10
1725.23	1725.229	1122.729	113.469	44.9583	113.9097	114.3015	21.31314	36.49375	42.19311	12.34788	29.84523	28.20821	10
1725.235	1725.234	1122.734	115.8929	59.85781	116.505	116.4887	14.14926	45.49457	40.35617	30.0282	10.32797	27.46109	10

1725.24	1725.239	1122.739	114.3259	73.64502	114.8483	115.9663	12.95009	41.41075	45.63916	33.36174	12.27742	27.95981	10
1725.245	1725.244	1122.744	112.9385	65.65244	113.3058	112.9385	17.36244	35.83039	46.80717	22.68575	24.12142	28.63186	10
1725.25	1725.249	1122.749	114.7503	60.73033	115.3379	116.8396	15.17902	42.44809	42.37288	29.54065	12.83223	27.55297	10
1725.255	1725.253	1122.753	115.2971	56.84727	116.0561	117.011	14.28744	46.06513	39.64743	21.85055	17.79689	27.24959	10
1725.26	1725.258	1122.758	114.7095	65.32607	115.7378	116.2846	10.68894	49.1861	40.12496	36.9363	3.188654	27.33811	10
1725.265	1725.263	1122.763	114.3749	59.79121	115.5093	116.7172	11.51398	49.50222	38.98381	22.80593	16.17787	27.12238	10
1725.27	1725.268	1122.768	114.4239	56.22784	115.3787	116.5295	13.72274	46.74208	39.53518	33.25352	6.281659	27.25137	10
1725.275	1725.273	1122.773	114.3423	50.43322	114.8564	115.4685	18.61558	39.76335	41.62106	30.25066	11.37041	27.84492	10
1725.28	1725.278	1122.778	113.7302	48.07541	114.2198	114.3178	19.93904	37.92739	42.13357	28.0999	14.03367	28.13196	10
1725.285	1725.283	1122.783	113.3792	55.63506	114.2035	114.987	15.83924	42.29381	41.86694	30.35977	11.50717	27.75566	10
1725.29	1725.288	1122.788	114.2851	46.51685	114.8564	116.3336	19.17316	40.18928	40.63757	26.54085	14.09671	27.61187	10
1725.295	1725.293	1122.793	112.0735	71.00081	113.0854	114.5055	11.86733	42.83796	45.29471	25.84942	19.44529	27.99954	10
1725.3	1725.298	1122.798	109.2252	79.47961	110.229	113.4935	12.4991	37.20563	50.29527	39.64447	10.65079	28.38315	10
1725.305	1725.303	1122.803	110.1882	73.39858	110.7922	111.7225	16.18394	34.04058	49.77548	33.4293	16.34617	28.80124	10
1725.31	1725.308	1122.808	111.5675	50.02693	111.9918	112.8243	21.96246	32.87303	45.16451	24.89741	20.26709	28.61444	10
1725.315	1725.313	1122.813	110.8411	54.20972	111.2818	110.6779	21.49197	32.01342	46.49462	35.28172	11.2129	29.01884	10
1725.32	1725.318	1122.818	109.7475	69.60211	110.9391	112.8896	12.9542	39.7923	47.25351	37.81738	9.436124	28.2906	10
1725.325	1725.323	1122.823	107.6746	66.53828	108.7274	109.772	16.67798	33.87533	49.44669	33.65888	15.78781	28.89748	10
1725.33	1725.328	1122.828	104.5733	79.04002	105.8302	107.7317	14.92448	31.20025	53.87527	26.99114	26.88414	29.24054	10
1725.335	1725.333	1122.833	93.80057	206.6816	95.26958	89.54043	0	26.84769	73.15231	73.15231	0	-9999	10
1725.34	1725.338	1122.838	82.35859	203.8176	78.62893	70.17395	43.8111	3.658136	52.53077	24.66292	27.86785	30.41446	2
1725.345	1725.343	1122.843	72.42644	80.07239	69.87199	68.14998	73.78715	0	26.21285	18.40793	7.804928	32.88021	2
1725.35	1725.348	1122.848	73.84648	23.90449	73.15278	71.66745	71.65253	0	28.34747	17.25153	11.09594	32.84915	2
1725.355	1725.353	1122.853	78.17191	32.6697	78.47387	79.06148	57.83556	0.980207	41.18423	14.97052	26.21371	33.40853	2
1725.36	1725.358	1122.858	85.07627	30.23862	84.47234	83.1992	59.09253	0.705038	40.20244	22.35322	17.84922	34.38065	2
1725.365	1725.363	1122.863	89.00996	41.92778	87.54094	84.00715	59.34917	0	40.65083	19.89533	20.75551	34.5528	2
1725.37	1725.368	1122.868	86.35757	24.92355	85.84342	85.05995	58.50423	1.087812	40.40796	27.70229	12.70567	34.32019	2
1725.375	1725.373	1122.873	87.53278	28.81993	86.64321	86.05561	59.38957	0.475154	40.13527	29.23986	10.89541	34.47915	2
1725.38	1725.378	1122.878	88.96915	42.28078	87.77762	85.54145	57.15081	0.745064	42.10413	15.89246	26.21167	34.25691	2
1725.385	1725.383	1122.883	85.10075	26.72188	84.19486	83.14207	62.26127	0	37.73873	7.705079	30.03365	34.40895	2
1725.39	1725.388	1122.888	88.6019	50.86615	88.37338	84.83143	47.94762	4.798661	47.25372	27.77455	19.47916	32.84672	2
1725.395	1725.393	1122.893	85.80261	33.40901	85.10891	83.81128	58.35279	0.874398	40.77281	26.21053	14.56228	34.23512	2
1725.4	1725.398	1122.898	84.86408	11.73578	84.72534	84.91304	60.16023	0.845211	38.99456	25.3248	13.66976	34.58862	2
1725.405	1725.403	1122.903	87.20634	33.7487	86.33309	84.79063	58.37065	0.758249	40.8711	25.8843	14.9868	34.36302	2
1725.41	1725.408	1122.908	90.84622	64.46687	91.2706	92.00511	37.53154	9.65702	52.81144	19.08116	33.73028	30.8806	2
1725.415	1725.413	1122.913	97.94645	66.98453	98.85234	100.7294	26.65835	18.55794	54.78371	31.5063	23.27741	29.9584	2
1725.42	1725.417	1122.917	101.1864	70.54123	101.8638	101.8393	24.58782	20.95484	54.45735	25.55462	28.90273	30.10739	2
1725.425	1725.422	1122.922	95.88983	59.57807	97.41597	99.67662	25.53587	19.56073	54.9034	28.99362	25.90977	29.91741	2
1725.43	1725.427	1122.927	91.45015	45.81084	91.41751	91.88269	45.03264	6.755279	48.21209	30.35451	17.85757	31.8726	2
1725.435	1725.432	1122.932	85.45984	34.18829	85.09259	84.06428	55.94959	1.861284	42.18913	19.55688	22.63224	33.70677	2
1725.44	1725.437	1122.937	84.4397	51.10593	82.99517	82.17905	61.14295	0	38.85705	25.83772	13.01933	33.52041	2
1725.445	1725.442	1122.942	91.24612	69.4689	90.23413	88.55293	47.08499	4.037848	48.87716	20.71593	28.16123	32.32897	2
1725.45	1725.447	1122.947	93.43332	50.30667	92.90284	90.64219	45.97833	5.866434	48.15524	25.49963	22.65561	32.54565	10
1725.455	1725.452	1122.952	98.70544	78.25408	99.28488	101.8312	25.76282	18.00767	56.22951	30.37474	25.85477	29.80692	10
1725.46	1725.457	1122.957	99.86433	75.47	100.5335	101.7822	24.67465	19.68282	55.64253	39.62762	16.01491	29.95567	10
1725.465	1725.462	1122.962	100.4519	75.59655	100.8845	102.7942	25.93765	18.66969	55.39265	35.0041	20.38855	29.88452	10
1725.47	1725.467	1122.967	103.2349	67.57066	104.0592	105.8628	22.28363	24.58502	53.13135	36.88169	16.24966	29.50574	10
1725.475	1725.472	1122.972	105.0793	70.94086	105.7975	106.6299	20.59341	26.55151	52.85509	23.51637	29.33871	29.51385	10
1725.48	1725.477	1122.977	105.9689	77.40154	106.8829	108.001	16.69354	30.2145	53.09196	34.37024	18.72172	29.29006	10
1725.485	1725.482	1122.982	103.8796	105.0825	105.4466	107.3073	6.85693	34.55616	58.58691	54.25688	4.330031	-9999	10
1725.49	1725.487	1122.987	103.4797	100.5667	104.7447	107.0625	10.65788	30.92174	58.42038	41.71221	16.70816	29.57526	10
1725.495	1725.492	1122.992	102.0678	100.58	103.6103	104.606	9.80312	30.98098	59.2159	46.7953	12.4206	29.96957	10
1725.5	1725.497	1122.997	103.39	73.46519	104.3285	105.773	19.82901	26.16467	54.00632	34.2141	19.79223	29.51076	10
1725.505	1725.502	1123.002	104.6386	56.72738	105.3568	106.5973	24.43852	24.94344	50.61805	22.43109	28.18696	29.52577	10
1725.51	1725.507	1123.007	107.4624	45.99733	107.7725	108.9885	27.59978	24.49197	47.90825	22.5456	25.36265	29.5102	10
1725.515	1725.512	1123.012	111.796	68.40322	113.0365	115.8031	10.98025	44.99851	44.02124	22.51686	21.50438	27.61785	10
1725.52	1725.517	1123.017	113.8036	84.16193	115.5664	117.1007	1.271657	58.81956	39.90878	39.90878	0	-9999	10
1725.525	1725.522	1123.022	115.1176	72.15973	116.1051	117.6639	8.976026	50.11269	40.91128	37.23354	3.67774	27.19437	10
1725.53	1725.527	1123.027	115.4359	90.22964	116.7661	117.8679	1.653821	57.54006	40.80612	40.80612	0	-9999	10
1725.535	1725.532	1123.032	114.228	98.86163	115.3869	116.3336	2.004337	52.10796	45.88771	45.88771	0	-9999	10
1725.54	1725.537	1123.037	113.2895	111.7563	114.8075	115.5338	0	55.61196	44.38804	44.38804	0	-9999	10
1725.545	1725.542	1123.042	107.1359	160.4712	108.9069	110.8085	0	46.72408	53.27592	53.27592	0	-9999	10
1725.55	1725.547	1123.047	102.9493	96.80354	103.6348	103.3328	16.5473	25.02342	58.42928	32.00347	26.42581	30.05165	10
1725.555	1725.552	1123.052	97.73426	70.34142	98.04439	98.28106	30.65839	14.8162	54.52541	30.55482	23.97059	30.50333	10
1725.56	1725.557	1123.057	98.80337	89.77673	99.62765	102.076	20.98676	20.5143	58.49894	28.44474	30.0542	29.72397	10
1725.565	1725.562	1123.062	97.64449	79.55954	98.15048	99.34201	26.99222	16.568	56.43978	25.58491	30.85487	30.13067	10
1725.57	1725.567	1123.067	98.19129	98.97486	99.16247	102.6963	18.18545	21.41454	60.40001	32.33267	28.06735	29.5694	10
1725.575	1725.572	1123.072	95.96328	87.42557	96.53457	97.99542	26.12935	15.92455	57.9461	41.15567	16.79043	30.06603	10
1725.58	1725.577	1123.077	95.63684	103.3242	96.86917	99.61949	17.45904	20.49366	62.0473	44.85266	17.19464	29.82343	10
1725.585	1725.581	1123.081	97.26907	127.3352	98.42796	101.0151	10.71595	23.4809	65.80315	49.14323	16.65992	30.1246	10
1725.59	1725.586	1123.086	93.59654	145.6516	94.77175	97.0324	9.535625	20.96366	69.50071	61.47203	8.028679	30.37323	10
1725.595	1725.591	1123.091	94.38818	140.2566	94.83704	96.94263	15.74209	17.4795	66.77842	54.32973	12.44869	29.95182	10
1725.6	1725.596	1123.096	96.40399	110.3843	95.98777	93.22113	27.82104	12.23341	59.94555	43.91053	16.03501	30.87123	10

1725.605	1725.601	1123.101	98.01174	93.81298	98.21577	97.92197	25.54523	15.99015	58.46463	37.2321	21.23253	30.36543	10
1725.61	1725.606	1123.106	100.3458	116.9515	100.6886	100.2479	16.7231	20.71266	62.56425	45.44804	17.11621	30.33754	10
1725.615	1725.611	1123.111	100.1255	142.641	101.7332	103.3492	0.905341	31.32494	67.76972	67.76972	0	-9999	10
1725.62	1725.616	1123.116	106.5157	69.98841	106.9972	105.8465	21.33667	26.40219	52.26114	38.32714	13.93399	29.82493	10
1725.625	1725.621	1123.121	108.507	61.84264	108.9559	108.8171	21.72892	28.61112	49.65996	29.6424	20.01756	29.36259	10
1725.63	1725.626	1123.126	107.1767	80.53197	107.8296	108.4907	16.84872	29.83077	53.3205	39.2028	14.1177	29.34697	10
1725.635	1725.631	1123.131	100.9579	109.5717	101.4068	100.4193	17.12365	21.63486	61.24149	46.84046	14.40103	30.37644	10
1725.64	1725.636	1123.136	98.5667	106.9608	98.18313	96.71411	26.40684	13.66497	59.92819	42.59476	17.33343	30.64215	10
1725.645	1725.641	1123.141	93.18032	59.05855	92.28259	90.15252	46.93934	4.608992	48.45167	28.79787	19.65379	32.58941	2
1725.65	1725.646	1123.146	87.43485	37.57182	86.97782	85.72916	54.00951	2.554043	43.43644	15.00286	28.43358	33.4599	2
1725.655	1725.651	1123.151	84.78246	31.57738	84.8804	85.01098	53.59942	2.904302	43.49628	13.718	29.77828	33.09845	2
1725.66	1725.656	1123.156	88.455	36.65267	88.61006	88.22648	48.54972	5.235078	46.2152	15.43452	30.78068	32.49834	2
1725.665	1725.661	1123.161	93.53125	74.32439	93.4578	88.75696	36.53399	9.758304	53.70771	35.23594	18.47177	31.79267	2
1725.67	1725.666	1123.166	86.6677	70.66778	85.64755	82.2525	51.07026	2.588034	46.34171	30.87228	15.46942	32.90338	2
1725.675	1725.671	1123.171	91.35222	85.98025	89.97298	86.07193	45.83785	3.66209	50.50006	33.94291	16.55715	32.42105	2
1725.68	1725.676	1123.176	94.23311	107.2339	92.60088	85.4272	40.00477	4.806326	55.1889	18.79186	36.39704	32.40657	2
1725.685	1725.681	1123.181	96.27341	41.48818	95.77558	93.95563	45.24652	7.048722	47.70476	21.38361	26.32115	32.50488	2
1725.69	1725.686	1123.186	94.71462	73.75825	92.96813	90.87071	48.54837	2.133225	49.3184	20.03061	29.28779	32.84439	2
1725.695	1725.691	1123.191	88.40603	35.02751	87.79394	87.98981	54.93348	2.205251	42.86127	24.94173	17.91954	33.43767	2
1725.7	1725.696	1123.196	88.56925	35.20068	87.59807	86.78195	57.52437	0.95352	41.52211	22.16239	19.35972	34.12434	2
1725.705	1725.701	1123.201	86.28412	31.63066	85.87606	85.34559	56.12645	1.869135	42.00442	27.63331	14.37111	33.72206	2
1725.71	1725.706	1123.206	85.30478	26.3822	85.05995	84.57844	57.03259	1.669932	41.29748	22.80063	18.49685	33.90508	2
1725.715	1725.711	1123.211	84.9212	21.43345	84.74166	84.06428	58.07708	1.393086	40.52984	22.51715	18.01268	34.19191	2
1725.72	1725.716	1123.216	84.95385	19.78831	85.01098	85.72916	56.61094	2.052526	41.33653	31.1216	10.21493	33.68523	2
1725.725	1725.721	1123.221	84.34176	25.88932	83.86025	83.04413	59.87206	0.542128	39.58581	24.66272	14.92308	34.47335	2
1725.73	1725.726	1123.226	84.93753	38.51761	84.10509	83.1992	58.98763	0.510628	40.50174	18.21545	22.28629	34.15625	2
1725.735	1725.731	1123.231	90.16068	135.4743	87.6552	85.05995	43.68487	2.406765	53.90836	27.37262	26.53574	31.28528	2
1725.74	1725.736	1123.236	93.34354	134.7617	95.4981	92.50294	4.813839	25.18653	69.99963	69.99963	0	-9999	2
1725.745	1725.741	1123.241	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1725.75	1725.746	1123.246	95.47361	51.52554	95.31039	94.39634	40.96008	9.034073	50.00585	35.00657	14.99928	31.69149	2
1725.755	1725.75	1123.25	89.75262	72.71255	88.69983	87.79394	47.99029	3.569871	48.43984	31.83387	16.60597	32.18043	2
1725.76	1725.755	1123.255	91.97247	81.84408	91.54808	88.6427	38.86802	7.730052	53.40193	19.35816	34.04377	31.55432	2
1725.765	1725.76	1123.26	95.50626	83.04297	96.06938	98.39532	27.67365	15.17586	57.15049	22.97498	34.17551	29.96371	2
1725.77	1725.765	1123.265	102.0189	87.95841	103.7164	105.5282	11.70087	31.3174	56.98173	47.64496	9.33677	29.62734	2
1725.775	1725.77	1123.27	97.98726	83.95546	96.82837	96.55089	38.51588	7.104078	54.38004	35.53248	18.84755	31.33176	2
1725.78	1725.775	1123.275	94.38001	78.2341	94.93497	96.28973	29.93679	13.846	56.2172	24.78956	31.42764	30.24998	2
1725.785	1725.78	1123.28	92.46214	74.6774	91.90718	88.65903	41.16385	6.903806	51.93235	33.68945	18.2429	31.91593	2
1725.79	1725.785	1123.285	80.55497	53.47706	79.77966	78.84929	58.95665	0.498677	40.54468	16.08972	24.45496	33.62526	2
1725.795	1725.79	1123.29	78.84929	30.45841	78.3841	77.23337	63.69292	0	36.30708	10.61173	25.69535	33.89383	2
1725.8	1725.795	1123.295	78.80848	28.73335	78.48203	78.29433	63.07269	0	36.92731	18.82255	18.10476	33.88622	2
1725.805	1725.8	1123.3	79.75518	40.38254	79.42057	78.6779	59.44588	0.484301	40.06982	24.69992	15.36991	33.87382	2
1725.81	1725.805	1123.305	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1726.01	1726.004	1123.504	97.08137	84.40837	96.07754	91.14003	38.03796	7.581574	54.38046	20.03634	34.34412	32.08263	2
1726.015	1726.009	1123.509	98.66463	71.4071	96.54273	93.35987	48.3928	0.928313	50.67889	31.14359	19.5353	33.39724	2
1726.02	1726.014	1123.514	102.2311	100.6866	101.3089	99.83168	28.72841	12.17536	59.09623	27.56765	31.52857	30.88401	2
1726.025	1726.019	1123.519	113.4037	83.53585	113.722	113.4772	12.98618	37.30138	49.71244	28.34845	21.36399	28.73217	2
1726.03	1726.024	1123.524	119.2716	118.5634	119.9408	122.2423	0	59.61221	40.38779	40.38779	0	-9999	2
1726.035	1726.029	1123.529	115.8031	109.3985	114.3423	114.7748	18.30829	18.13734	63.55437	43.06197	20.49239	30.33746	2
1726.04	1726.034	1123.534	109.9515	101.3327	111.5593	110.074	1.861984	47.37753	50.76049	50.76049	0	-9999	2
1726.045	1726.039	1123.539	104.9814	86.82613	105.618	102.0352	17.47176	26.74061	55.78762	39.016	16.77162	30.4283	2
1726.05	1726.044	1123.544	105.4792	86.02021	106.4259	107.1767	14.80532	30.30475	54.88992	37.63993	17.24999	29.48238	2
1726.055	1726.049	1123.549	103.1125	45.0249	103.594	104.2795	30.50879	20.07342	49.41778	17.03476	32.38303	30.13993	2
1726.06	1726.054	1123.554	106.1648	60.41729	106.026	104.2224	28.78267	19.43956	51.77777	34.14497	17.63281	30.53803	2
1726.065	1726.059	1123.559	98.83602	64.0406	99.18695	97.88116	30.85332	15.68079	53.46588	21.84525	31.62064	30.77753	2
1726.07	1726.064	1123.564	101.317	78.37397	101.5129	102.6799	26.30386	18.06122	55.63492	35.5893	20.04563	30.04317	2
1726.075	1726.069	1123.569	96.24893	41.71464	96.69779	97.79955	37.87734	12.38915	49.73351	22.15961	27.5739	30.98572	2
1726.08	1726.074	1123.574	104.6631	48.62157	104.7855	105.4466	30.99479	19.19882	49.80639	36.5387	13.26768	30.19997	2
1726.085	1726.079	1123.579	105.9199	127.1088	106.532	104.4101	7.049661	30.61588	62.33445	62.33445	0	-9999	2
1726.09	1726.084	1123.584	103.6919	63.90073	103.9857	104.6957	26.86249	20.51542	52.6221	38.76936	13.85274	29.97693	2
1726.095	1726.089	1123.589	109.0538	101.679	108.9804	102.2474	15.63341	26.55096	57.81564	48.75759	9.058044	31.02342	2
1726.1	1726.094	1123.594	98.49325	52.81767	97.88116	96.26525	41.34802	8.549141	50.10284	35.08333	15.01951	31.96068	2
1726.105	1726.099	1123.599	99.17879	70.92088	98.47693	97.48126	37.03209	9.655894	53.31202	35.92716	17.38486	31.34345	2
1726.11	1726.104	1123.604	97.45678	46.78327	97.01608	96.50192	42.43367	8.487473	49.07886	30.42161	18.65725	31.87439	2
1726.115	1726.109	1123.609	99.08086	94.79207	98.42796	95.28591	30.96586	11.51232	57.52182	28.41281	29.109	31.20535	2
1726.12	1726.114	1123.614	95.48994	47.31611	95.59603	96.53457	39.87652	10.22318	49.9003	26.21968	23.68061	31.22831	2
1726.125	1726.119	1123.619	98.03622	57.08705	98.23209	98.66463	34.47363	13.48187	52.0445	23.08172	28.96278	30.76015	2
1726.13	1726.124	1123.624	101.8312	61.38306	102.4759	102.1658	26.46394	20.87739	52.65868	37.66053	14.99814	30.17058	2
1726.135	1726.129	1123.629	105.3976	117.6775	105.0956	104.4183	16.89646	20.98507	62.11847	33.77569	28.34277	30.34135	2
1726.14	1726.134	1123.634	110.1637	100.4801	109.0375	108.711	23.06155	16.47944	60.45901	44.61548	15.84353	30.48828	2
1726.145	1726.139	1123.639	109.6088	287.1736	111.3308	109.3068	0	60.46466	39.53534	39.53534	0	-9999	2
1726.15	1726.144	1123.644	96.47744	31.77719	96.12651	95.22878	46.27039	7.340315	46.38929	33.24441	13.14489	32.52021	2
1726.155	1726.149	1123.649	95.71029	58.88538	95.6858	94.85336	37.88602	10.45134	51.66264	34.60772	17.05492	31.31033	2
1726.16	1726.154	1123.654	97.5792	48.88799	96.89366	95.76742	43.70917	7.274677	49.01615	15.78407	33.23207	32.17825	2

1726.165	1726.159	1123.659	95.8327	40.76885	95.59603	94.79623	43.80208	8.151384	48.04654	22.20728	25.83927	32.08433	2
1726.17	1726.164	1123.664	90.72381	40.21603	91.38486	92.45398	41.67864	8.980718	49.34064	34.74965	14.59099	31.38884	2
1726.175	1726.169	1123.669	89.32824	50.69298	89.51595	91.60521	44.09559	6.794606	49.10981	29.64569	19.46412	31.34538	2
1726.18	1726.174	1123.674	91.33589	37.49855	91.46647	92.3642	45.88434	6.85052	47.26514	16.03797	31.22717	31.96236	2
1726.185	1726.179	1123.679	93.08239	53.13738	92.60088	92.98445	45.23666	6.105521	48.65782	28.39432	20.2635	31.9139	2
1726.19	1726.184	1123.684	93.86586	62.06909	92.92732	91.85821	45.89634	4.917506	49.18615	22.30319	26.88296	32.25669	2
1726.195	1726.189	1123.689	87.55727	58.63894	87.70417	89.54859	44.11821	6.216737	49.66506	20.28296	29.3821	31.24978	2
1726.2	1726.194	1123.694	84.03164	50.55977	84.26015	82.30963	48.68445	4.265977	47.04957	17.67675	29.37282	32.46169	2
1726.205	1726.199	1123.699	90.45449	85.11438	89.22215	86.80644	45.73481	3.928167	50.33702	24.89616	25.44086	32.07378	2
1726.21	1726.204	1123.704	87.81842	47.98882	87.26346	87.27163	51.8947	3.058686	45.04662	24.72261	20.32401	32.76253	2
1726.215	1726.209	1123.709	92.63352	39.33685	91.71131	90.74013	52.4048	2.934965	44.66024	21.91951	22.74072	33.38183	2
1726.22	1726.214	1123.714	96.12651	97.42297	93.81689	91.89902	45.88677	1.251673	52.86156	29.32018	23.54138	32.39977	2
1726.225	1726.219	1123.719	101.2599	137.5391	99.48075	96.2326	27.34476	8.217241	64.438	40.56541	23.87259	31.24434	8
1726.23	1726.224	1123.724	114.7014	147.1901	115.8358	116.4397	0	56.2815	43.7185	43.7185	0	-9999	8
1726.235	1726.229	1123.729	100.7049	216.9188	100.4764	97.33436	0	23.79465	76.20535	76.20535	0	-9999	8
1726.24	1726.234	1123.734	88.73248	110.5974	86.69218	83.56645	47.41384	2.25084	50.33532	30.25201	20.08332	31.97659	8
1726.245	1726.239	1123.739	95.20429	157.8003	94.53508	94.45347	19.41081	13.37007	67.21912	39.29207	27.92705	30.15125	8
1726.25	1726.244	1123.744	93.15584	169.1964	91.01761	87.38588	29.92238	6.46897	63.60865	31.02618	32.58247	30.55316	8
1726.255	1726.249	1123.749	91.58889	188.1322	89.32008	83.85209	27.7935	6.994234	65.21226	27.69216	37.5201	30.53062	8
1726.26	1726.254	1123.754	91.24612	217.8846	88.87122	85.76181	21.73101	8.548109	69.72088	50.53718	19.1837	29.86678	8
1726.265	1726.259	1123.759	96.64066	246.125	94.93497	87.77762	4.747407	14.50463	80.74796	76.68175	4.066212	-9999	8
1726.27	1726.264	1123.764	105.5608	268.0647	107.0298	112.0816	0	47.71691	52.28309	52.28309	0	-9999	10
1726.275	1726.269	1123.769	117.6639	108.3062	118.6106	120.5856	0	59.07582	40.92418	40.92418	0	-9999	10
1726.28	1726.274	1123.774	125.6537	72.95233	126.2984	127.3267	1.747483	78.31852	19.934	19.934	0	-9999	10
1726.285	1726.279	1123.779	130.3953	56.22118	130.7626	132.0928	3.584577	90.10378	6.311642	6.311642	0	-9999	10
1726.29	1726.284	1123.784	131.644	56.06133	132.0275	130.4443	2.347995	96.71993	0.932073	0.932073	0	-9999	10
1726.295	1726.289	1123.789	135.4634	48.02212	135.9776	135.9776	0	100	0	0	0	-9999	10
1726.3	1726.294	1123.794	134.8268	48.99455	135.0553	135.5287	2.168263	92.99234	4.839394	4.839394	0	-9999	10
1726.305	1726.299	1123.799	133.8067	43.51297	133.8475	133.9944	5.398134	84.39187	10.20999	1.434356	8.775637	-9999	10
1726.31	1726.304	1123.804	130.8115	46.19715	131.0237	131.6929	6.829205	86.40834	6.762458	2.500779	4.261679	-9999	10
1726.315	1726.309	1123.809	130.6075	42.92019	130.681	130.9503	8.885172	80.86291	10.25191	8.55207	1.699844	21.12647	10
1726.32	1726.314	1123.814	127.2043	52.18493	127.4736	127.2614	8.256081	73.28168	18.46224	5.838786	12.62345	23.02764	10
1726.325	1726.319	1123.819	112.8161	284.7292	118.2351	117.5823	0	100	0	0	0	-9999	10
1726.33	1726.324	1123.824	92.6172	116.6252	90.71564	89.45882	41.30594	3.846952	54.84711	18.86773	35.97937	31.22835	1
1726.335	1726.33	1123.83	91.01761	28.68672	90.43816	89.22215	53.8123	3.008713	43.17898	15.40244	27.77654	33.6875	1
1726.34	1726.335	1123.835	92.00511	37.03898	90.96864	90.25862	54.42451	2.026822	43.54867	13.07918	30.46949	33.69069	1
1726.345	1726.34	1123.84	90.65035	41.93444	89.63837	88.46316	54.29644	1.963595	43.73997	23.05449	20.68548	33.62242	1
1726.35	1726.345	1123.845	89.40985	35.02751	88.53661	87.74497	56.03394	1.599348	42.36672	19.66597	22.70075	33.87654	1
1726.355	1726.35	1123.85	91.5236	49.84044	89.82608	87.84291	56.89273	0	43.10727	14.72428	28.38299	34.20455	1
1726.36	1726.355	1123.855	97.26091	107.094	94.79623	96.30605	43.70446	1.243134	55.05241	22.79304	32.25937	31.53802	9
1726.365	1726.36	1123.86	105.7159	84.47498	105.9362	105.3078	20.5907	23.80712	55.60218	26.44582	29.15635	29.97162	9
1726.37	1726.365	1123.865	111.7388	99.8274	112.1224	111.241	10.06932	36.04712	53.88356	47.26823	6.615331	29.36009	9
1726.375	1726.37	1123.87	113.3384	140.6562	113.1834	107.2665	2.89157	34.71978	62.38865	62.38865	0	-9999	9
1726.38	1726.375	1123.875	111.3308	78.43391	111.0696	110.0903	20.61864	26.08606	53.2953	39.79139	13.50392	29.70265	9
1726.385	1726.38	1123.88	116.6029	86.966	115.9337	113.5506	16.86598	29.11668	54.01734	34.62411	19.39323	29.62365	9
1726.39	1726.385	1123.885	114.0648	83.58913	114.9135	115.4848	8.253916	46.15491	45.59117	35.84738	9.743791	28.0133	9
1726.395	1726.39	1123.89	106.581	65.73236	106.7197	106.4749	24.96303	22.91638	52.12059	20.98563	31.13496	29.90132	9
1726.4	1726.395	1123.895	96.76308	56.06133	96.3387	95.75109	40.70008	8.751883	50.54804	32.67177	17.87627	31.62017	2
1726.405	1726.4	1123.9	90.04643	44.61195	89.68734	88.8957	49.14416	4.545051	46.31079	27.3401	18.97069	32.62954	2
1726.41	1726.405	1123.905	90.76461	51.26578	90.35655	90.00562	47.2527	5.136541	47.61076	26.105	21.50576	32.24166	2
1726.415	1726.41	1123.91	90.61771	43.88596	90.34023	88.65903	48.16178	5.114585	46.72364	27.78217	18.94147	32.67912	2
1726.42	1726.415	1123.915	93.51493	65.45928	93.99644	93.84138	34.39342	11.91117	53.69541	35.24314	18.45226	30.82929	2
1726.425	1726.42	1123.92	93.93931	74.26445	93.13951	92.45398	41.80226	6.441161	51.75658	18.29869	33.45789	31.58311	2
1726.43	1726.425	1123.925	95.37568	74.61745	95.28591	97.30172	34.89269	10.92112	54.18618	26.61228	27.5739	30.45641	2
1726.435	1726.43	1123.93	96.94263	49.0878	97.10585	97.99542	37.66855	11.8113	50.52015	28.7022	21.81794	30.99559	2
1726.44	1726.435	1123.935	92.3642	47.68244	92.08672	91.18899	45.63626	6.297253	48.06649	34.85423	13.21227	32.2123	2
1726.445	1726.44	1123.94	93.13135	53.27059	93.00894	94.29024	42.37641	7.849482	49.77411	29.62753	20.14658	31.37983	2
1726.45	1726.445	1123.945	89.93217	74.48424	88.53661	85.45168	50.05282	2.421864	47.52531	18.96769	28.55762	32.86744	2
1726.455	1726.45	1123.95	86.54528	42.12759	86.57792	86.79012	49.93047	4.197077	45.87245	25.02184	20.85061	32.44359	2
1726.46	1726.455	1123.955	80.23669	36.04656	80.4652	79.77966	55.688	1.756221	42.55578	20.07443	22.48134	33.30997	2
1726.465	1726.46	1123.96	82.87275	60.8369	82.04031	81.94237	55.48596	1.43741	43.07664	16.83648	26.24015	32.88174	2
1726.47	1726.465	1123.965	81.64857	43.78605	80.71004	80.26117	61.56074	0	38.43926	6.451693	31.98756	33.85377	2
1726.475	1726.47	1123.97	85.68019	49.78049	85.22317	83.69703	52.66929	2.704667	44.62604	19.22273	25.40331	33.02919	2
1726.48	1726.475	1123.975	100.7784	126.1297	101.6761	103.4226	9.803102	25.84178	64.35512	43.85255	20.50257	30.1623	10
1726.485	1726.48	1123.98	107.9847	90.50938	108.7845	110.2535	12.55238	33.38665	54.06096	43.1026	10.95837	29.13531	10
1726.49	1726.485	1123.985	112.1714	71.60025	112.8243	113.8363	14.41513	38.41771	47.16717	38.48975	8.677413	28.32522	10
1726.495	1726.49	1123.99	114.0403	89.46368	114.4973	112.3999	9.890759	40.92863	49.18061	35.57219	13.60841	28.92448	10
1726.5	1726.495	1123.995	118.8636	101.7456	119.3859	121.0018	1.975139	54.62546	43.3994	43.3994	0	-9999	10
1726.505	1726.5	1124	118.9044	60.71701	119.4675	121.3935	11.55027	52.70492	35.74481	20.70462	15.04018	26.15648	10
1726.51	1726.505	1124.005	119.19	56.36771	119.2879	119.2716	15.94522	44.81541	39.23937	15.20291	24.03647	27.11987	10
1726.515	1726.51	1124.01	115.7297	39.2436	116.0806	117.4435	21.31204	39.69974	38.98822	14.94582	24.0424	27.4918	10
1726.52	1726.515	1124.015	113.0038	43.53961	113.3548	113.771	22.78018	34.24971	42.97011	28.81411	14.156	28.43431	10
1726.525	1726.52	1124.02	115.1094	41.09521	115.3706	115.8766	22.13032	37.12721	40.74247	28.89182	11.85065	27.97469	10

1726.53	1726.525	1124.025	113.7465	54.87577	114.179	114.024	18.72108	37.6294	43.64952	18.27343	25.37609	28.25648	10
1726.535	1726.53	1124.03	100.7702	97.50289	100.9661	102.9656	22.17772	18.79223	59.03005	45.83219	13.19786	29.82288	10
1726.54	1726.535	1124.035	78.06581	52.73775	77.38027	75.58481	60.72985	0.073556	39.1966	12.77413	26.42247	33.96124	2
1726.545	1726.54	1124.04	75.57665	45.72425	75.96839	76.83347	56.36825	1.220389	42.41136	14.46901	27.94235	32.72079	2
1726.55	1726.545	1124.045	75.95207	52.63118	76.33564	75.89494	54.41464	1.785802	43.79956	12.81723	30.98233	32.54761	2
1726.555	1726.55	1124.05	82.41572	138.7979	82.1464	77.69856	32.67566	8.12852	59.19582	25.5909	33.60492	30.36654	2
1726.56	1726.555	1124.055	80.93039	73.43855	79.93472	79.95105	55.48831	1.385255	43.12643	23.88229	19.24415	32.51097	2
1726.565	1726.56	1124.06	83.47668	80.80505	84.10509	74.04235	38.77645	7.283529	53.94002	30.27085	23.66917	32.57444	2
1726.57	1726.565	1124.065	84.3336	74.85723	84.79063	78.76767	40.75569	6.764257	52.48006	37.25246	15.2276	32.07333	2
1726.575	1726.57	1124.07	89.80159	36.67931	90.58507	92.82123	42.43422	8.618332	48.94744	16.01656	32.93089	31.2726	2
1726.58	1726.575	1124.075	95.92248	63.26132	96.73043	97.75874	30.18041	15.61777	54.20181	24.6697	29.53211	30.33536	2
1726.585	1726.58	1124.08	95.392	58.05282	95.04923	94.86969	40.84704	8.460265	50.69269	32.5557	18.13699	31.5121	2
1726.59	1726.585	1124.085	95.13084	43.38642	94.64933	93.33538	45.71181	6.581798	47.70639	25.74016	21.96623	32.42603	2
1726.595	1726.59	1124.09	97.5792	33.63547	97.65265	96.76308	41.51811	10.75677	47.72512	17.16384	30.56127	31.81052	2
1726.6	1726.595	1124.095	111.0451	55.80157	111.037	110.327	24.39773	27.12395	48.47831	25.92952	22.5488	29.47469	2
1726.605	1726.6	1124.1	104.2795	113.8078	103.4879	100.052	22.65652	15.55954	61.78393	41.14489	20.63904	31.0302	2
1726.61	1726.605	1124.105	94.49427	65.41266	93.18032	91.67866	47.41852	3.58613	48.99535	18.12071	30.87464	32.58002	2
1726.615	1726.61	1124.11	94.43714	71.20728	94.8044	94.9513	33.03945	12.42828	54.53226	31.80333	22.72893	30.66195	2
1726.62	1726.615	1124.115	89.53227	62.61525	90.51161	92.45398	34.88752	11.00605	54.10643	20.14296	33.96347	30.47356	2
1726.625	1726.62	1124.12	95.65316	54.54274	96.60802	98.06071	31.3996	15.61199	52.98841	37.90486	15.08355	30.3447	2
1726.63	1726.625	1124.125	93.21297	52.41138	93.65367	95.10636	38.14506	10.59568	51.25925	25.6079	25.65135	30.90127	2
1726.635	1726.63	1124.13	91.32773	35.20734	91.47463	92.2173	46.31982	6.763409	46.91677	31.24487	15.6719	32.0648	2
1726.64	1726.635	1124.135	93.0171	55.35532	93.66183	94.92681	36.0316	11.65489	52.31351	21.15069	31.16281	30.73617	2
1726.645	1726.64	1124.14	95.645	59.29833	96.28973	97.45678	32.65972	14.15628	53.184	22.17167	31.01233	30.47739	2
1726.65	1726.645	1124.145	94.69014	57.62655	94.69014	95.09004	38.93945	9.774287	51.28627	36.66273	14.62353	31.17237	2
1726.655	1726.65	1124.15	90.96048	62.89499	91.66234	91.72763	35.65634	10.8644	53.47926	33.16361	20.31564	30.87203	2
1726.66	1726.655	1124.155	96.53457	91.94804	98.03622	100.0765	17.29893	22.36562	60.33546	42.80286	17.5326	29.90765	2
1726.665	1726.66	1124.16	95.07371	58.11942	95.50626	97.20378	35.11508	12.40475	52.48017	36.23171	16.24846	30.57432	2
1726.67	1726.665	1124.165	98.83602	36.13981	98.47693	99.58685	43.10799	9.23485	47.65716	27.0243	20.63286	31.70195	2
1726.675	1726.67	1124.17	97.79955	89.7634	98.58302	100.5825	22.22975	19.15497	58.61527	36.55487	22.0604	29.84431	2
1726.68	1726.675	1124.175	95.139	146.644	97.13849	100.9498	1.48823	27.33222	71.17955	71.17955	0	-9999	2
1726.685	1726.68	1124.18	97.67713	107.9399	99.0074	102.1495	13.70598	23.74967	62.54435	49.37237	13.17198	29.79084	2
1726.69	1726.685	1124.185	92.33972	77.52809	93.57206	94.13518	26.73504	15.48183	57.78313	43.29687	14.48626	30.31341	2
1726.695	1726.69	1124.19	101.2844	80.59857	102.0842	97.91381	21.1151	22.67516	56.20974	25.99378	30.21596	30.78505	2
1726.7	1726.695	1124.195	100.8437	69.94845	101.3415	100.8355	26.4381	19.18988	54.37202	39.96637	14.40565	30.30335	2
1726.705	1726.7	1124.2	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1727	1726.996	1124.496	123.899	67.15105	124.6254	126.0617	4.133184	72.99085	22.87596	21.36077	1.515189	-9999	2
1727.005	1727	1124.5	103.0145	115.5328	101.7577	100.2153	27.00804	11.20225	61.78971	31.43008	30.35963	30.91053	2
1727.01	1727.004	1124.504	97.15482	82.8698	97.05688	96.11835	31.32207	12.72188	55.95605	28.66181	27.29424	30.75417	2
1727.015	1727.008	1124.508	91.36854	63.83412	91.17267	96.27341	42.01107	7.206299	50.78263	22.7178	28.06483	30.49471	2
1727.02	1727.012	1124.512	91.17267	83.49588	91.21348	92.03776	35.59889	9.460198	54.94091	31.27584	23.66507	30.56461	2
1727.025	1727.016	1124.516	88.81409	91.11548	88.14487	86.65954	41.42752	5.93737	52.63511	32.49005	20.14506	31.2652	2
1727.03	1727.02	1124.52	94.39634	130.792	92.82939	89.67101	33.64754	6.752379	59.60008	38.26394	21.33615	31.00725	2
1727.035	1727.024	1124.524	103.6348	96.31066	103.7001	102.0923	20.84282	20.75029	58.40689	44.23589	14.171	30.38509	2
1727.04	1727.028	1124.528	91.93166	143.2538	90.27494	83.81128	33.59504	6.529809	59.87516	36.41295	23.46221	31.31793	2
1727.045	1727.032	1124.532	89.78527	93.83962	88.34074	85.18236	45.88346	3.502435	50.6141	26.5575	24.0566	32.07835	2
1727.05	1727.036	1124.536	108.1643	111.0104	107.9521	108.3601	15.26886	24.56484	60.1663	42.99089	17.17541	29.919	2
1727.055	1727.04	1124.54	97.41597	142.0616	97.31804	93.65367	16.7574	16.91616	66.32644	47.12106	19.20539	30.9887	2
1727.06	1727.044	1124.544	107.6664	165.8595	108.2622	111.4206	0	35.80424	64.19576	64.19576	0	-9999	2
1727.065	1727.048	1124.548	90.55242	113.1484	88.53661	90.22597	44.93241	2.782361	52.28523	36.16476	16.12047	30.91734	2
1727.07	1727.052	1124.552	94.20863	101.1662	93.93115	92.30707	30.99632	10.97769	58.02599	34.56703	23.45896	30.73878	2
1727.075	1727.056	1124.556	90.96048	100.6466	91.15635	92.43765	30.44189	11.16928	58.38883	28.08504	30.30378	30.09424	2
1727.08	1727.06	1124.56	94.92681	84.02872	95.06555	91.44199	31.25714	12.45764	56.28522	27.04194	29.24328	31.20793	2
1727.085	1727.064	1124.564	105.8628	178.6809	105.6833	106.5728	0.756924	26.70258	72.5405	72.5405	0	-9999	2
1727.09	1727.068	1124.568	93.64551	95.25165	93.95563	94.0046	28.39177	13.15694	58.45129	24.51258	33.93871	30.34794	2
1727.095	1727.072	1124.572	87.84291	89.41706	87.64704	88.8957	39.06358	7.171915	53.76451	24.73469	29.02982	30.54089	2
1727.1	1727.076	1124.576	88.72432	35.98662	88.17752	87.54094	53.90256	2.641637	43.4558	19.61497	23.84083	33.40034	2
1727.105	1727.08	1124.58	88.43051	46.65672	88.0551	86.14538	50.26246	3.881868	45.85567	21.80324	24.05242	32.90303	2
1727.11	1727.084	1124.584	88.48764	49.32758	88.85489	88.25913	43.80788	6.931776	49.26034	27.21681	22.04353	31.79263	2
1727.115	1727.088	1124.588	91.56441	71.18064	92.29075	94.32289	32.90586	11.98522	55.10892	34.20634	20.90259	30.2863	2
1727.12	1727.092	1124.592	89.32824	122.8594	88.47132	87.22266	34.72721	7.560988	57.7118	35.1318	22.58	30.43297	2
1727.125	1727.096	1124.596	89.90769	101.5458	90.18517	89.49147	30.56037	10.93502	58.50461	41.11049	17.39412	30.42832	2
1727.13	1727.1	1124.6	85.3211	76.38914	83.40323	81.82812	57.88196	0	42.11804	20.54695	21.57108	33.31586	2
1727.135	1727.104	1124.604	81.91789	67.25095	80.79165	79.46137	57.08919	0.850157	42.06065	24.06125	17.9994	33.19964	2
1727.14	1727.108	1124.608	86.14538	84.00208	85.71284	85.09259	43.76995	5.269047	50.961	21.30759	29.65341	31.27329	2
1727.145	1727.112	1124.612	102.3372	350.4416	98.83602	94.64933	0	11.41404	88.58596	88.58596	0	-9999	2
1727.15	1727.116	1124.616	116.4723	425.6252	113.2242	119.3124	0	15.44947	84.55053	84.55053	0	-9999	2
1727.155	1727.12	1124.62	132.8518	270.2227	137.5445	142.3678	0	100	0	0	0	-9999	10
1727.16	1727.124	1124.624	137.1609	137.9321	139.4705	143.1186	0	100	0	0	0	-9999	10
1727.165	1727.128	1124.628	142.7595	88.65776	144.0816	146.2851	0	100	0	0	0	-9999	10
1727.17	1727.132	1124.632	143.2492	82.41022	144.5794	146.1709	0	100	0	0	0	-9999	10
1727.175	1727.136	1124.636	143.3553	65.5059	144.3673	144.3509	0	100	0	0	0	-9999	10
1727.18	1727.14	1124.64	144.3509	46.33702	144.7671	144.71	0	100	0	0	0	-9999	10

1727.185	1727.144	1124.644	140.6131	62.18232	141.2089	141.568	0	100	0	0	0	-9999	10
1727.19	1727.148	1124.648	124.7314	183.1435	124.6172	121.0671	0	64.04405	35.95595	35.95595	0	-9999	3
1727.195	1727.152	1124.652	99.97859	150.5803	97.51391	93.29458	30.68051	4.471638	64.84785	44.32126	20.52659	31.509	3
1727.2	1727.156	1124.656	93.6047	65.96548	93.02526	92.29075	42.41072	6.777865	50.81142	24.21663	26.59478	31.69077	3
1727.205	1727.16	1124.66	96.9263	61.52293	96.77124	97.15482	37.14099	10.77748	52.08154	29.29104	22.7905	31.01877	3
1727.21	1727.164	1124.664	93.42516	48.14867	93.15584	91.61337	44.4841	6.971765	48.54413	18.05326	30.49088	32.20272	3
1727.215	1727.168	1124.668	98.04439	111.1636	96.44479	93.80057	35.29442	6.426499	58.27908	28.96447	29.31461	31.40218	3
1727.22	1727.172	1124.672	98.22393	66.85798	98.32187	98.1668	32.69536	13.69269	53.61195	24.06726	29.54469	30.71419	3
1727.225	1727.177	1124.677	95.44913	97.91584	94.03724	92.84571	39.43327	5.634385	54.93234	31.31908	23.61326	31.37744	3
1727.23	1727.181	1124.681	100.6723	170.6084	102.4106	101.3007	0	35.03605	64.96395	64.96395	0	-9999	3
1727.235	1727.185	1124.685	112.8896	305.8097	115.3787	121.8832	0	81.53308	18.46692	18.46692	0	-9999	5
1727.24	1727.189	1124.689	121.8995	391.8565	129.1222	134.2555	0	100	0	0	0	-9999	5
1727.245	1727.193	1124.693	117.6475	469.318	124.4948	132.1255	0	100	0	0	0	-9999	5
1727.25	1727.197	1124.697	116.2601	219.2566	119.141	119.6878	0	95.21788	4.782122	4.782122	0	-9999	5
1727.255	1727.201	1124.701	115.8194	225.9371	118.5126	121.8342	0	90.49989	9.50011	9.50011	0	-9999	5
1727.26	1727.205	1124.705	104.4917	296.9779	102.6881	99.21143	0	20.00443	79.99557	79.99557	0	-9999	5
1727.265	1727.209	1124.709	111.3634	453.0264	108.4336	98.33003	0	21.76869	78.23131	78.23131	0	-9999	5
1727.27	1727.213	1124.713	115.6807	620.0049	122.7972	120.2265	0	100	0	0	0	-9999	5
1727.275	1727.217	1124.717	114.9054	599.1109	114.8564	120.8222	0	69.88837	30.11163	30.11163	0	-9999	5
1727.28	1727.221	1124.721	114.4484	586.4294	109.3639	117.6883	0	5.887915	94.11209	94.11209	0	-9999	5
1727.285	1727.225	1124.725	112.9467	610.3339	107.2992	120.4387	0	3.755935	96.24407	96.24407	0	-9999	5
1727.29	1727.229	1124.729	113.1262	497.1389	107.2992	109.013	0	0	100	100	0	-9999	5
1727.295	1727.233	1124.733	110.7677	412.504	106.8748	104.2795	0	9.579543	90.42046	90.42046	0	-9999	5
1727.3	1727.237	1124.737	101.4558	259.2595	97.93829	90.60955	11.18029	5.341747	83.47797	63.14674	20.33122	32.37071	5
1727.305	1727.241	1124.741	95.28591	124.298	92.83755	89.4425	41.23159	2.29269	56.47572	24.10855	32.36717	31.81751	2
1727.31	1727.245	1124.745	95.59603	73.62504	94.50243	93.02526	42.70978	5.680626	51.6096	34.05618	17.55341	31.93103	2
1727.315	1727.249	1124.749	95.23694	93.95285	94.20047	87.70417	37.67807	7.188538	55.13339	37.11566	18.01773	32.18595	2
1727.32	1727.253	1124.753	96.7386	59.41156	95.92248	94.72278	42.94781	6.764312	50.28788	25.62417	24.66371	32.01896	2
1727.325	1727.257	1124.757	95.02475	114.7669	93.71896	87.63072	34.92351	7.150884	57.9256	27.62101	30.3046	31.76808	2
1727.33	1727.261	1124.761	95.02475	106.7676	92.7641	88.21832	44.25948	1.971053	53.76947	23.82033	29.94913	32.47858	2
1727.335	1727.265	1124.765	91.2706	57.14699	90.85438	89.65469	45.42718	5.746249	48.82657	34.76044	14.06613	32.11423	2
1727.34	1727.269	1124.769	95.27774	82.25703	94.37185	90.85438	39.45893	7.086295	53.45478	35.91897	17.53581	31.86797	2
1727.345	1727.273	1124.773	98.07703	80.75176	97.90564	97.06504	31.55544	12.84137	55.60319	22.88774	32.71544	30.76596	2
1727.35	1727.277	1124.777	105.0059	64.36696	103.9939	102.3943	35.66069	10.96653	53.37278	20.04554	33.32724	31.46678	10
1727.355	1727.281	1124.781	119.492	57.60657	120.1693	120.504	10.87692	56.31039	32.81269	25.28946	7.523233	25.98507	10
1727.36	1727.285	1124.785	119.9816	140.7095	122.8299	124.707	0	100	0	0	0	-9999	10
1727.365	1727.289	1124.789	120.1285	120.1752	121.3038	122.2015	0	72.2059	27.7941	27.7941	0	-9999	10
1727.37	1727.293	1124.793	117.2395	154.8564	120.0306	121.0834	0	93.63954	6.360459	6.360459	0	-9999	10
1727.375	1727.297	1124.797	121.9975	121.5339	124.8049	125.6292	0	100	0	0	0	-9999	10
1727.38	1727.301	1124.801	129.7914	33.48894	130.0689	130.3463	10.33713	83.00773	6.655134	1.038856	5.616278	20.78724	10
1727.385	1727.305	1124.805	130.3137	37.88486	130.5422	132.2642	9.172286	84.11476	6.712956	2.08667	4.626286	20.3928	10
1727.39	1727.309	1124.809	129.571	49.98031	129.6118	128.5427	8.383173	76.01961	15.59722	2.398496	13.19872	22.34438	10
1727.395	1727.313	1124.813	105.2997	132.4838	105.4874	105.2915	9.608494	26.21723	64.17428	48.45662	15.71766	30.40877	2
1727.4	1727.317	1124.817	85.12523	42.62713	84.64372	84.59476	55.10072	1.943381	42.9559	26.21412	16.74177	33.22099	2
1727.405	1727.321	1124.821	84.61108	64.52681	83.88473	81.5996	52.17149	2.492583	45.33592	21.47319	23.86274	32.80731	2
1727.41	1727.325	1124.825	85.92503	68.01691	84.8804	81.82812	52.58477	2.118659	45.29657	13.90651	31.39005	33.04241	2
1727.415	1727.329	1124.829	86.93702	84.94787	85.5741	84.16222	50.02317	2.485935	47.4909	24.5321	22.9588	32.193	2
1727.42	1727.333	1124.833	93.42516	183.8761	91.40934	84.83143	25.17338	8.04225	66.78437	37.26463	29.51974	30.95096	2
1727.425	1727.337	1124.837	90.62587	60.47058	90.69116	88.14487	41.48433	7.691748	50.82393	24.77369	26.05023	31.85316	2
1727.43	1727.341	1124.841	88.96099	86.67294	88.78961	86.35757	38.50927	7.607149	53.88358	21.84482	32.03876	31.25553	2
1727.435	1727.345	1124.845	90.16884	81.68423	89.38537	87.90004	43.349	5.387408	51.26359	27.42168	23.84192	31.63134	2
1727.44	1727.349	1124.849	92.93549	239.651	88.25913	86.78195	32.74557	0.941881	66.31255	26.81897	39.49357	29.49039	2
1727.445	1727.354	1124.854	103.594	228.1217	98.80337	94.2576	26.61533	0	73.38467	37.45065	35.93403	24.25124	2
1727.45	1727.358	1124.858	127.09	43.20659	125.6455	122.985	23.81628	28.29035	47.89337	27.53723	20.35615	28.71155	2
1727.455	1727.362	1124.862	91.56441	151.5727	87.26346	83.55013	52.41245	0	47.58755	13.95156	33.63599	28.20969	2
1727.46	1727.366	1124.866	89.16502	83.74232	88.85489	82.91355	40.10601	6.966148	52.92784	30.94484	21.983	32.06915	2
1727.465	1727.37	1124.87	94.37185	67.0245	94.74727	94.51875	34.04851	12.13777	53.81372	27.3019	26.51182	30.80895	2
1727.47	1727.374	1124.874	93.26193	73.17879	93.7516	95.23694	32.69481	12.27816	55.02703	37.63141	17.39562	30.37043	2
1727.475	1727.378	1124.878	96.11835	75.54992	96.98343	97.92197	26.58363	16.97187	56.4445	35.85904	20.58547	30.16835	2
1727.48	1727.382	1124.882	93.40067	67.89702	93.417	93.11503	37.5138	9.680584	52.80561	28.59037	24.21524	31.08097	2
1727.485	1727.386	1124.886	97.48126	92.34767	96.45295	92.35604	35.93849	8.17733	55.88418	27.817	28.06717	31.7134	2
1727.49	1727.39	1124.89	92.39685	44.89169	92.72329	92.78858	41.60114	8.943526	49.45533	26.23244	23.22289	31.54182	2
1727.495	1727.394	1124.894	100.5907	82.66998	99.46443	98.48509	36.17883	8.545609	55.27556	27.43938	27.83618	31.33182	2
1727.5	1727.398	1124.898	94.88601	43.79271	94.21679	92.95181	47.29347	5.505326	47.20121	17.11292	30.08829	32.64401	2
1727.505	1727.402	1124.902	93.35987	81.16471	93.08239	93.61286	36.61753	9.122798	54.25967	24.98221	29.27745	30.77411	2
1727.51	1727.406	1124.906	93.80873	65.61913	94.96762	95.33487	28.83476	15.67905	55.4862	29.01466	26.47153	30.4225	2
1727.515	1727.41	1124.91	92.72329	92.7473	93.07423	94.51875	29.53001	12.52064	57.94935	23.97646	33.97289	30.12344	2
1727.52	1727.414	1124.914	92.06224	58.98529	92.69065	93.50677	36.15812	11.0806	52.76129	27.95633	24.80496	30.79724	2
1727.525	1727.418	1124.918	89.1895	48.7681	90.22597	92.11937	38.11113	10.05861	51.83026	34.87991	16.95035	30.81536	2
1727.53	1727.422	1124.922	97.66081	75.01708	97.53023	96.83653	33.00991	12.38273	54.60736	27.21512	27.39224	30.83988	2
1727.535	1727.426	1124.926	94.87785	56.1679	94.38818	93.09055	42.9147	7.256063	49.82924	23.58092	26.24832	31.95944	2
1727.54	1727.43	1124.93	93.7516	79.29312	93.40883	92.22546	37.21606	8.906372	53.87757	20.79466	33.08291	31.16472	2
1727.545	1727.434	1124.934	90.32391	45.57106	91.1237	92.11937	39.67539	9.664042	50.66057	19.43122	31.22935	31.14593	2

1727.55	1727.438	1124.938	94.43714	46.28373	94.58404	94.76359	40.77868	9.594637	49.62668	19.1579	30.46878	31.45021	2
1727.555	1727.442	1124.942	92.39685	73.51181	93.53941	95.12268	28.35016	14.81921	56.83063	40.10774	16.72289	30.17247	2
1727.56	1727.446	1124.946	94.98394	70.02838	95.40016	95.17165	32.4422	13.04641	54.51139	36.06978	18.44161	30.69178	2
1727.565	1727.45	1124.95	98.59935	104.2366	98.55854	97.21194	24.37958	15.65881	59.96161	28.78955	31.17206	30.52785	8
1727.57	1727.454	1124.954	110.0985	208.0737	111.5593	112.1061	0	53.15012	46.84988	46.84988	0	-9999	8
1727.575	1727.458	1124.958	117.0518	199.435	119.239	126.0372	0	84.86698	15.13302	15.13302	0	-9999	8
1727.58	1727.462	1124.962	115.9663	161.8232	117.3537	123.3685	0	64.896	35.104	35.104	0	-9999	8
1727.585	1727.466	1124.966	117.7128	162.7157	119.9245	123.948	0	85.50823	14.49177	14.49177	0	-9999	8
1727.59	1727.47	1124.97	92.52743	124.9707	91.00945	90.40552	36.39619	6.043491	57.56032	26.59067	30.96965	30.6025	8
1727.595	1727.474	1124.974	88.23464	55.49519	87.85107	87.61439	48.367	4.363069	47.26993	32.65181	14.61812	32.20551	8
1727.6	1727.478	1124.978	95.74293	98.06237	95.4981	91.03393	30.08288	11.91429	58.00283	23.34856	34.65427	31.27376	8
1727.605	1727.482	1124.982	86.19435	79.8859	85.07627	81.89341	50.03395	2.757061	47.20899	19.09198	28.11702	32.53906	8
1727.61	1727.486	1124.986	88.97731	61.13662	87.64704	87.32875	53.65542	1.508847	44.83573	25.63559	19.20015	33.0146	8
1727.615	1727.49	1124.99	107.8541	186.9999	106.6626	101.9128	4.754612	19.76784	75.47755	68.95617	6.521383	-9999	8
1727.62	1727.494	1124.994	96.13467	371.6286	88.65903	83.82761	19.55821	0	80.44179	43.96656	36.47523	25.33868	8
1727.625	1727.498	1124.998	84.82327	59.36493	84.21118	83.83577	52.33996	2.562046	45.09799	28.58293	16.51506	32.56944	2
1727.63	1727.502	1125.002	90.29942	50.4199	90.48713	91.62154	43.26818	7.342055	49.38976	26.99302	22.39674	31.44498	2
1727.635	1727.506	1125.006	89.32008	51.68539	88.43051	87.05943	52.21182	2.628976	45.15921	16.09493	29.06428	33.09786	2
1727.64	1727.51	1125.01	87.79394	71.40044	86.75747	85.19052	49.98331	2.91714	47.09955	16.3029	30.79664	32.45589	2
1727.645	1727.514	1125.014	83.80312	40.3226	82.75033	80.75084	61.3022	0	38.6978	6.78124	31.91656	34.248	2
1727.65	1727.518	1125.018	88.67535	80.27887	88.15303	85.32926	43.03914	5.703461	51.2574	27.33036	23.92704	31.78022	2
1727.655	1727.522	1125.022	93.04974	48.91463	93.39251	95.45729	39.90043	9.756642	50.34293	24.27934	26.06359	30.97182	2
1727.66	1727.526	1125.026	96.11835	78.80024	96.17547	95.70213	32.05872	12.55224	55.38904	30.47753	24.91151	30.70094	2
1727.665	1727.53	1125.03	101.2762	51.51888	101.1456	100.101	35.3703	13.83192	50.79778	32.80234	17.99543	31.10672	2
1727.67	1727.535	1125.035	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1728.005	1727.806	1125.306	96.55089	49.55403	95.645	94.52692	46.20176	5.50548	48.29276	21.24099	27.05176	32.50079	2
1728.01	1727.812	1125.312	97.79139	55.43525	97.08137	97.20378	42.11927	7.700112	50.18062	33.77291	16.40771	31.70663	2
1728.015	1727.818	1125.318	103.8062	60.39731	104.2387	104.7039	26.52996	21.58179	51.88825	35.16506	16.72319	29.92821	2
1728.02	1727.824	1125.324	100.5091	67.92366	100.1908	98.93395	33.56085	12.95152	53.48762	23.45806	30.02956	31.02298	2
1728.025	1727.83	1125.33	97.86484	66.13199	97.26907	96.38767	38.57759	9.143197	52.27921	36.69936	15.57984	31.43273	2
1728.03	1727.836	1125.336	102.1576	70.5812	101.823	100.6152	31.52755	14.41529	54.05716	21.51118	32.54598	30.84595	2
1728.035	1727.842	1125.342	114.7585	72.50608	115.3543	117.1171	12.25853	43.38165	44.35982	22.61192	21.74789	27.61955	2
1728.04	1727.848	1125.348	115.1339	62.56863	114.9544	115.0196	20.32669	32.21711	47.45621	18.83786	28.61834	28.6816	2
1728.045	1727.854	1125.354	113.2323	63.92071	113.4772	116.3744	18.45996	34.65553	46.88451	35.19283	11.69168	28.06204	2
1728.05	1727.86	1125.36	102.9166	71.30053	102.6881	99.54604	29.83297	15.97108	54.19595	31.49782	22.69813	31.04504	2
1728.055	1727.866	1125.366	92.77226	40.88874	92.41317	92.03776	47.53741	5.685815	46.77678	32.15295	14.62383	32.44101	2
1728.06	1727.872	1125.372	92.69065	29.00643	92.65801	92.78042	47.95804	6.367287	45.67467	22.25604	23.41863	32.49005	2
1728.065	1727.878	1125.378	95.17981	63.38787	94.50243	93.93931	42.34439	6.941871	50.71374	36.54363	14.17011	31.72911	2
1728.07	1727.884	1125.384	107.8052	86.18672	107.9602	108.1887	18.76033	26.13393	55.10573	42.63993	12.4658	29.62207	2
1728.075	1727.89	1125.39	104.2061	63.52108	102.884	101.6435	39.00467	7.876912	53.11842	37.24256	15.87586	31.86501	2
1728.08	1727.896	1125.396	101.9209	28.70005	101.872	101.5455	39.66681	13.50224	46.83095	33.70324	13.12771	31.41251	2
1728.085	1727.902	1125.402	96.22444	24.58386	95.27774	93.84954	52.86112	3.435755	43.70312	16.1845	27.51862	33.82209	2
1728.09	1727.908	1125.408	94.59221	50.00029	93.88218	93.76793	46.37778	5.56557	48.05665	18.37713	29.67953	32.24154	2
1728.095	1727.914	1125.414	92.73962	79.73271	92.37236	92.67433	38.23045	8.251989	53.51756	26.39346	27.1241	30.93393	2
1728.1	1727.92	1125.42	91.70315	119.2361	90.936	90.30758	32.7234	8.620607	58.656	38.45222	20.20378	30.39296	2
1728.105	1727.926	1125.426	92.98445	81.23798	93.13135	93.18032	33.65623	10.94026	55.40352	24.86395	30.53956	30.63932	2
1728.11	1727.932	1125.432	96.58353	110.2377	94.73911	89.5894	38.75992	4.586387	56.65369	22.13131	34.52238	32.07222	2
1728.115	1727.938	1125.438	91.36038	45.93073	90.80542	90.62587	49.13416	4.434763	46.43108	31.58148	14.8496	32.54907	2
1728.12	1727.944	1125.444	87.23082	39.50336	86.33309	84.75798	57.14524	1.07036	41.7844	11.67266	30.11174	34.03282	2
1728.125	1727.95	1125.45	92.39685	42.767	91.31957	89.80975	52.99418	2.382056	44.62377	23.11385	21.50992	33.53248	2
1728.13	1727.956	1125.456	93.67815	38.75738	93.09055	91.40118	48.99075	4.939945	46.0693	28.7629	17.3064	32.9647	2
1728.135	1727.962	1125.462	96.20812	46.50353	95.75925	93.94747	43.71338	7.616847	48.66977	23.63062	25.03916	32.24046	2
1728.14	1727.968	1125.468	90.49529	57.06041	90.20965	89.45882	45.14943	5.907827	48.94274	33.56543	15.37731	31.95824	2
1728.145	1727.974	1125.474	97.21194	48.82804	96.82021	97.12217	41.78458	8.747502	49.46791	24.31762	25.1503	31.60757	2
1728.15	1727.98	1125.48	94.43714	50.77956	94.2576	94.1107	42.22066	8.215615	49.56373	20.19838	29.36535	31.66174	2
1728.155	1727.986	1125.486	100.0765	66.10535	100.3785	101.0967	29.59189	16.7185	53.68961	34.66804	19.02157	30.28302	2
1728.16	1727.992	1125.492	95.38384	79.15991	95.40832	95.88167	32.90042	11.85031	55.24926	30.10699	25.14227	30.56632	2
1728.165	1727.998	1125.498	95.62051	65.07963	96.3387	98.08519	30.71393	14.9402	54.34587	30.21153	24.13434	30.22362	2
1728.17	1728.004	1125.504	99.93778	87.05259	100.7784	101.3333	20.47585	21.75641	57.76774	35.50299	22.26475	29.98902	8
1728.175	1728.01	1125.51	107.4379	134.6551	108.352	109.1599	1.486688	36.59346	61.91986	61.91986	0	-9999	8
1728.18	1728.016	1125.516	113.567	141.3489	114.1056	114.7422	0	44.5509	55.4491	55.4491	0	-9999	8
1728.185	1728.022	1125.522	104.9487	136.9596	103.545	100.0276	21.18178	12.60733	66.21089	41.59943	24.61146	31.25854	8
1728.19	1728.028	1125.528	114.7911	194.0334	114.1546	112.6529	0	34.08848	65.91152	65.91152	0	-9999	8
1728.195	1728.034	1125.534	98.03622	55.26207	97.55471	96.98343	40.16495	9.205392	50.62966	23.97471	26.65495	31.57548	8
1728.2	1728.04	1125.54	94.93497	69.25576	95.61235	98.3137	30.65025	14.37367	54.97608	38.7241	16.25198	30.04168	8
1728.205	1728.046	1125.546	99.30121	71.93328	100.2642	103.0309	23.77164	20.83018	55.39818	36.6889	18.70928	29.61677	8
1728.21	1728.052	1125.552	100.4356	47.10964	100.1336	99.44811	38.53892	11.59847	49.86261	22.32165	27.54096	31.41654	8
1728.215	1728.058	1125.558	94.2984	54.52942	94.21679	94.13518	40.68184	8.878724	50.43943	19.25774	31.18169	31.44423	8
1728.22	1728.064	1125.564	96.12651	77.30163	95.98777	95.66948	33.93185	11.36018	54.70796	23.96577	30.74219	30.80659	8
1728.225	1728.07	1125.57	93.43332	95.61797	92.02143	90.36471	41.8439	4.805732	53.35037	24.63226	28.71811	31.58012	8
1728.23	1728.076	1125.576	97.39965	95.79781	97.46494	98.23209	26.70326	14.7564	58.54034	34.88694	23.6534	30.18919	8
1728.235	1728.082	1125.582	113.314	74.89053	113.926	113.926	12.88396	40.52635	46.58968	34.57322	12.01647	28.31757	8
1728.24	1728.088	1125.588	115.6644	102.7913	116.6927	117.2803	0.743881	54.29583	44.96029	44.96029	0	-9999	8

1728.245	1728.094	1125.594	98.3137	50.08021	98.58302	98.8197	35.34476	13.72047	50.93477	32.92003	18.01474	30.85386	8
1728.25	1728.1	1125.6	95.71029	48.24192	96.12651	99.17063	37.04628	12.1794	50.77432	17.77028	33.00404	30.51392	8
1728.255	1728.106	1125.606	93.19664	65.4393	94.0046	92.75594	32.16111	13.29967	54.53922	22.7951	31.74413	30.87698	8
1728.26	1728.112	1125.612	91.40934	67.43745	92.39685	94.65749	31.93039	12.82384	55.24577	29.83089	25.41488	30.21433	8
1728.265	1728.118	1125.618	88.65086	62.21562	88.52029	83.95002	44.39701	5.962575	49.64041	18.09495	31.54547	32.44644	8
1728.27	1728.124	1125.624	101.7904	183.996	101.0314	98.20761	7.708003	18.67315	73.61885	60.80558	12.81327	-9999	8
1728.275	1728.13	1125.63	114.8401	175.677	115.3869	121.3201	0	49.81492	50.18508	50.18508	0	-9999	8
1728.28	1728.136	1125.636	114.7503	193.8802	115.2073	120.5856	0	49.52673	50.47327	50.47327	0	-9999	8
1728.285	1728.142	1125.642	94.32289	137.5724	92.95181	91.49912	30.55628	8.121754	61.32196	39.96364	21.35832	30.48519	8
1728.29	1728.148	1125.648	91.71947	112.9952	89.83424	88.12855	42.88381	3.494318	53.62187	33.74756	19.87432	31.41305	2
1728.295	1728.154	1125.654	88.38155	78.85352	87.28795	87.39404	48.08181	3.395626	48.52256	23.77842	24.74414	31.8235	2
1728.3	1728.16	1125.66	91.90718	82.6167	91.76844	91.25428	36.52739	9.029097	54.44351	34.69982	19.74369	30.89486	2
1728.305	1728.166	1125.666	99.48075	67.71053	99.19511	97.95461	34.30548	12.33034	53.36418	22.76051	30.60367	31.07397	2
1728.31	1728.172	1125.672	92.3642	67.10442	92.4703	91.78476	37.96342	9.384358	52.65222	25.46898	27.18324	31.16477	2
1728.315	1728.178	1125.678	88.03878	56.10796	87.81026	87.17369	47.19718	4.892473	47.91035	22.27109	25.63926	32.10191	2
1728.32	1728.184	1125.684	88.78961	51.10593	89.77711	88.94467	38.29278	9.723758	51.98346	32.54274	19.44072	31.30163	2
1728.325	1728.19	1125.69	92.05408	59.6913	93.53125	96.45295	29.41686	15.21867	55.36447	28.59431	26.77016	30.03149	2
1728.33	1728.196	1125.696	91.09106	107.8266	94.07805	97.08953	6.952986	24.93332	68.11369	64.51083	3.602863	-9999	2
1728.335	1728.202	1125.702	90.41368	57.79306	90.01378	90.59323	45.9327	5.442568	48.62473	29.69856	18.92617	31.79974	2
1728.34	1728.208	1125.708	93.36803	111.803	92.44581	87.64704	34.19225	8.136156	57.67159	21.59065	36.08094	31.38578	2
1728.345	1728.214	1125.714	94.64933	200.3542	91.03393	81.88525	32.45628	2.137966	65.40575	33.813	31.59275	31.55928	9
1728.35	1728.22	1125.72	103.7327	217.4183	106.7932	108.4254	0	55.6478	44.3522	44.3522	0	-9999	9
1728.355	1728.226	1125.726	111.7225	127.3419	114.179	115.9582	0	65.12937	34.87063	34.87063	0	-9999	9
1728.36	1728.232	1125.732	115.3053	95.59133	116.505	119.1492	1.48841	55.47816	43.03343	43.03343	0	-9999	9
1728.365	1728.238	1125.738	121.3201	66.97121	122.4218	124.7396	3.639861	71.50226	24.85788	21.7011	3.156781	-9999	9
1728.37	1728.244	1125.744	123.7848	48.34183	123.7766	124.1194	14.48256	54.55237	30.96508	12.91735	18.04772	25.3732	9
1728.375	1728.25	1125.75	124.0949	42.50724	124.3071	125.3191	13.90148	60.11812	25.98039	18.82545	7.154944	24.4909	9
1728.38	1728.256	1125.756	120.8059	56.62747	121.6955	121.4017	8.260546	64.6014	27.13805	22.17479	4.96326	25.15016	9
1728.385	1728.262	1125.762	116.0806	156.335	119.0594	121.7689	0	91.90641	8.093592	8.093592	0	-9999	9
1728.39	1728.268	1125.768	112.3999	253.0586	113.8526	109.6496	0	61.82015	38.17985	38.17985	0	-9999	9
1728.395	1728.274	1125.774	107.5195	188.8915	107.087	105.0956	0	26.87524	73.12476	73.12476	0	-9999	2
1728.4	1728.28	1125.78	94.22495	97.90252	93.4578	95.43281	35.56605	8.33256	56.10139	35.80631	20.29508	30.35905	2
1728.405	1728.286	1125.786	103.6838	151.646	102.1658	100.8355	19.67695	12.03241	68.29064	38.00939	30.28126	30.85332	2
1728.41	1728.292	1125.792	101.7088	109.8514	100.7784	99.12982	27.0543	12.3913	60.5544	36.62552	23.92888	30.81061	2
1728.415	1728.298	1125.798	98.10967	148.8419	95.58787	93.22113	33.26334	3.835872	62.90079	39.39776	23.50303	31.11073	2
1728.42	1728.304	1125.804	101.8475	148.4223	101.0803	99.16247	16.32752	16.254	67.41847	38.28027	29.13821	30.80159	2
1728.425	1728.31	1125.81	95.58787	63.92737	94.85336	93.55574	42.28116	6.896783	50.82206	18.76178	32.06028	31.86984	2
1728.43	1728.316	1125.816	96.59169	76.13604	95.3512	92.88652	42.32459	5.498668	52.17674	18.1676	34.00914	32.10853	2
1728.435	1728.322	1125.822	97.30988	124.1249	95.45729	95.03291	34.79425	5.669759	59.53599	28.83484	30.70114	30.84973	2
1728.44	1728.328	1125.828	94.08621	88.77765	93.30274	93.18848	38.02841	7.569826	54.40176	26.27238	28.12938	30.9931	2
1728.445	1728.334	1125.834	90.9768	71.68018	89.23847	86.86357	52.42681	1.146735	46.42645	19.2119	27.21455	33.21463	2
1728.45	1728.34	1125.84	90.12804	154.3435	87.31243	85.08443	41.55204	2.549396	55.89857	31.56805	24.33051	30.75677	2
1728.455	1728.346	1125.846	96.15915	195.1856	93.38435	90.07907	25.80337	5.551903	68.64472	32.92978	35.71495	30.56003	2
1728.46	1728.352	1125.852	94.45347	81.93067	94.35553	94.98394	34.03458	10.74715	55.21827	23.13636	32.08191	30.58276	2
1728.465	1728.358	1125.858	92.52743	112.0361	92.05408	91.40934	31.43049	9.830681	58.73883	32.69534	26.04349	30.43569	2
1728.47	1728.364	1125.864	96.14283	121.3608	94.20047	91.55625	37.23259	4.724617	58.04279	33.81069	24.2321	31.37046	2
1728.475	1728.37	1125.87	102.8595	163.0088	99.12982	95.52258	34.82601	0	65.17399	26.54	38.63398	28.25658	2
1728.48	1728.376	1125.876	103.847	123.1924	101.5619	97.7669	32.35798	4.431871	63.21015	44.11458	19.09558	31.92805	2
1728.485	1728.382	1125.882	99.60317	79.23983	99.17063	98.43612	32.54125	12.24173	55.21702	36.99077	18.22625	30.84816	2
1728.49	1728.388	1125.888	94.38001	75.80968	93.65367	92.82123	40.45362	7.119167	52.42721	25.05334	27.37388	31.45437	2
1728.495	1728.394	1125.894	91.18083	38.14462	90.63403	91.46647	51.12033	3.860577	45.01909	23.78205	21.23704	32.73873	2
1728.5	1728.4	1125.9	90.17701	27.04158	90.16884	90.00562	50.55634	4.87101	44.57265	16.56659	28.00606	32.89119	2
1728.505	1728.406	1125.906	92.75594	32.4832	92.93549	92.7641	45.41212	7.652509	46.93537	24.51282	22.42255	32.14241	2
1728.51	1728.412	1125.912	93.44964	49.66726	92.31524	90.82174	50.79849	2.987552	46.21396	13.68588	32.52808	33.14833	2
1728.515	1728.418	1125.918	90.29942	49.70057	89.42618	87.77762	51.66465	2.918844	45.4165	23.71056	21.70595	33.12997	2
1728.52	1728.424	1125.924	94.37185	59.79121	94.27392	93.97196	39.46741	9.198912	51.33368	36.77364	14.56004	31.32613	2
1728.525	1728.43	1125.93	93.24561	43.42639	92.28259	90.683	51.16825	3.279145	45.5526	18.82634	26.72626	33.26315	2
1728.53	1728.436	1125.936	96.62434	72.88573	96.0857	95.60419	37.64171	9.156069	53.20222	30.78597	22.41625	31.19629	2
1728.535	1728.442	1125.942	101.0477	134.7617	99.81536	94.77175	23.97442	11.59726	64.42833	36.40178	28.02654	31.37324	8
1728.54	1728.448	1125.948	108.3846	164.6073	107.4869	105.6261	7.408603	21.55231	71.03908	53.69584	17.34324	-9999	8
1728.545	1728.454	1125.954	125.0661	124.4579	126.8044	128.7794	0	100	0	0	0	-9999	8
1728.55	1728.46	1125.96	125.2701	129.4799	126.9676	131.3012	0	100	0	0	0	-9999	8
1728.555	1728.466	1125.966	118.684	99.40113	118.8717	118.1046	5.300903	48.06342	46.63567	46.63567	0	-9999	8
1728.56	1728.472	1125.972	110.8003	161.8832	109.6741	106.9809	7.616369	21.19648	71.18716	61.16703	10.02013	-9999	8
1728.565	1728.478	1125.978	107.544	79.6328	107.2747	106.5647	23.8756	21.12056	55.00384	32.66823	22.33561	30.10866	8
1728.57	1728.484	1125.984	100.1745	77.4082	99.84801	99.98675	31.63669	13.265	55.09831	30.86108	24.23723	30.61139	2
1728.575	1728.49	1125.99	96.17547	57.91961	95.52258	94.85336	42.56195	7.250297	50.18775	28.58089	21.60686	31.83473	2
1728.58	1728.496	1125.996	95.00026	44.46542	94.59221	94.53508	45.00158	6.959909	48.03851	33.1016	14.9369	32.06258	2
1728.585	1728.502	1126.002	95.06555	62.48204	94.56772	93.70264	41.27723	7.747994	50.97477	17.98062	32.99415	31.64588	2
1728.59	1728.508	1126.008	96.68147	106.3613	95.80006	95.04923	32.14451	9.54164	58.31385	29.06895	29.24489	30.71373	2
1728.595	1728.514	1126.014	96.09386	103.857	94.79623	91.87453	36.51687	6.86388	56.61925	37.4646	19.15465	31.42345	2
1728.6	1728.52	1126.02	95.09004	101.4059	93.07423	90.95232	43.59947	2.790676	53.60985	24.89206	28.7178	31.97406	2
1728.605	1728.526	1126.026	93.95563	84.60819	92.72329	91.53992	42.63626	5.076886	52.28685	25.21544	27.07141	31.69256	2

1728.61	1728.532	1126.032	90.73197	61.80933	89.92401	90.22597	47.8304	4.169858	47.99974	22.81207	25.18767	32.08278	2
1728.615	1728.538	1126.038	97.25275	209.7588	94.06989	88.6427	24.43302	4.469037	71.09794	34.45236	36.64559	31.01546	2
1728.62	1728.544	1126.044	102.1005	338.9123	94.46979	96.13467	23.18873	0	76.81127	35.17036	41.64091	12.27247	2
1728.625	1728.55	1126.05	95.47361	103.3908	94.0046	92.19282	38.52856	5.723767	55.74767	23.25801	32.48966	31.36393	2
1728.63	1728.556	1126.056	90.70748	54.74256	90.85438	91.57257	42.16293	7.703782	50.13329	19.22952	30.90376	31.36316	2
1728.635	1728.562	1126.062	92.58455	125.4436	90.78909	87.55727	38.37966	4.890514	56.72982	36.98209	19.74774	31.2272	2
1728.64	1728.568	1126.068	94.83704	145.2653	93.71896	93.71896	26.26087	10.07005	63.66908	41.68356	21.98552	30.09548	2
1728.645	1728.574	1126.074	96.19996	94.1127	95.46545	94.8044	34.41319	9.263146	56.32367	26.59249	29.73118	30.86636	2
1728.65	1728.58	1126.08	93.4578	78.53382	91.98879	90.5361	46.39849	3.399239	50.20227	33.95654	16.24573	32.24006	2
1728.655	1728.586	1126.086	95.57155	139.6172	93.48228	87.47565	34.47861	5.104217	60.41717	34.25116	26.16602	31.62512	2
1728.66	1728.592	1126.092	99.48891	199.8746	99.66846	94.8044	0	24.33871	75.66129	75.66129	0	-9999	2
1728.665	1728.598	1126.098	98.98292	153.5709	98.63199	102.2474	14.49127	17.32243	68.1863	38.69342	29.49288	29.75343	2
1728.67	1728.604	1126.104	93.28642	74.54419	92.08672	90.65035	45.43443	4.304769	50.2608	24.22176	26.03904	32.11965	2
1728.675	1728.61	1126.11	89.65469	60.1975	88.61006	87.05943	51.04578	2.724013	46.2302	27.15528	19.07492	32.85842	2
1728.68	1728.616	1126.116	88.52029	89.08403	88.07958	87.45933	40.41846	6.539533	53.04201	36.83849	16.20352	31.01242	2
1728.685	1728.622	1126.122	95.06555	230.5595	93.22113	84.2275	11.03861	12.33203	76.62936	52.20829	24.42108	31.92836	2
1728.69	1728.628	1126.128	101.5129	177.3621	100.6315	98.88499	10.51741	17.16566	72.31693	64.35012	7.966807	31.09798	2
1728.695	1728.634	1126.134	99.28488	99.14137	98.26474	96.69779	32.57184	9.625295	57.80287	35.1494	22.65346	31.0363	2
1728.7	1728.64	1126.14	102.7371	205.1231	101.8801	96.87734	2.48328	20.05543	77.46129	77.46129	0	-9999	2
1728.705	1728.646	1126.146	107.9765	246.3382	107.9276	101.9944	0	35.11131	64.88869	64.88869	0	-9999	2
1728.71	1728.652	1126.152	103.2104	174.2184	101.7659	96.16731	14.08067	13.87245	72.04688	56.42063	15.62625	31.7678	2
1728.715	1728.658	1126.158	98.7136	106.6544	98.06887	93.52309	28.3698	12.12489	59.50531	26.46982	33.03549	31.28123	2
1728.72	1728.664	1126.164	101.1946	93.02704	100.7213	100.8029	28.05687	14.11737	57.82576	40.72541	17.10034	30.43691	2
1728.725	1728.67	1126.17	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1729	1729	1126.5	116.6519	336.3347	115.5256	91.85821	0	39.1813	60.8187	60.8187	0	-9999	2
1729.005	1729.005	1126.505	99.97042	121.454	98.57486	95.71845	29.45095	9.108668	61.44039	26.90644	34.53394	31.12422	2
1729.01	1729.01	1126.51	98.80337	207.2344	96.7386	91.17267	14.9522	10.45539	74.59241	52.43728	22.15512	31.44967	2
1729.015	1729.015	1126.515	92.53559	125.8899	91.45015	86.82276	32.81404	8.008763	59.17719	24.94553	34.23166	31.11971	2
1729.02	1729.02	1126.52	88.88754	96.05091	87.34508	83.79496	46.93324	3.069631	49.99713	31.36514	18.63199	32.16743	2
1729.025	1729.025	1126.525	90.25046	80.07905	88.87938	87.05943	48.21631	2.981635	48.80206	27.33202	21.47004	32.3062	2
1729.03	1729.03	1126.53	92.1765	153.1713	89.39353	84.75798	39.69814	2.615166	57.68669	28.95034	28.73635	31.28598	2
1729.035	1729.035	1126.535	88.57741	97.29642	88.02245	86.99415	39.26399	6.689395	54.04662	35.62001	18.4266	30.90013	2
1729.04	1729.04	1126.54	99.4073	186.3671	98.21577	94.10253	12.67881	14.50771	72.81347	62.57792	10.23555	31.33801	2
1729.045	1729.045	1126.545	111.3145	343.2549	115.6725	119.2145	0	100	0	0	0	-9999	2
1729.05	1729.05	1126.55	116.9865	543.1029	120.5284	127.8817	0	100	0	0	0	-9999	2
1729.055	1729.055	1126.555	101.4721	244.0803	98.11784	92.50294	13.57367	5.321673	81.10466	66.52483	14.57983	31.88821	2
1729.06	1729.06	1126.56	94.16782	52.84432	93.79241	92.90284	43.48674	7.200874	49.31239	33.90167	15.41072	31.93345	2
1729.065	1729.065	1126.565	97.77507	85.87368	97.04056	95.5389	34.95793	9.601018	55.44105	25.85152	29.58953	31.14799	2
1729.07	1729.07	1126.57	96.8855	88.85758	96.10202	92.80491	35.43373	9.01405	55.55222	39.22619	16.32603	31.47867	2
1729.075	1729.075	1126.575	97.20378	94.59892	96.30605	96.4856	34.63699	8.929383	56.43363	38.81545	17.61818	30.77348	2
1729.08	1729.08	1126.58	110.4167	149.0551	110.7432	112.2448	0	36.31655	63.68345	63.68345	0	-9999	2
1729.085	1729.085	1126.585	126.9921	175.8236	131.546	134.8105	0	100	0	0	0	-9999	2
1729.09	1729.09	1126.59	101.064	162.4227	99.52156	93.09871	19.6689	11.39419	68.93691	50.15392	18.78299	31.64772	2
1729.095	1729.095	1126.595	92.3642	94.49901	89.46698	87.77762	54.60962	0	45.39038	18.5427	26.84768	30.87584	2
1729.1	1729.1	1126.6	95.40832	114.5537	93.55574	90.91967	38.8599	4.543796	56.59631	23.44967	33.14664	31.48216	2
1729.105	1729.105	1126.605	93.65367	51.99177	93.13135	90.81358	45.30456	6.135606	48.55983	29.236	19.32383	32.42798	2
1729.11	1729.11	1126.61	95.09004	74.89053	94.48611	92.03776	39.07409	8.049643	52.87626	25.14154	27.73472	31.63536	2
1729.115	1729.115	1126.615	91.76844	66.99119	91.45015	90.75645	41.82789	7.09398	51.07813	30.26671	20.81143	31.51579	2
1729.12	1729.12	1126.62	93.11503	47.94886	93.17216	92.26627	42.2878	8.345732	49.36646	23.18535	26.18112	31.78092	2
1729.125	1729.125	1126.625	92.20914	56.4876	92.68249	92.73962	37.82914	10.28782	51.88304	28.25581	23.62723	31.07508	2
1729.13	1729.13	1126.63	93.57206	88.55786	93.31906	93.2048	34.44343	9.865381	55.69119	34.91852	20.77267	30.68235	2
1729.135	1729.135	1126.635	92.24995	136.7398	89.53227	86.3739	43.10098	1.770157	55.12886	26.41361	28.71526	31.51405	2
1729.14	1729.14	1126.64	80.79981	91.40188	78.76767	76.81715	59.29396	0.062337	40.6437	19.2547	21.389	33.15582	2
1729.145	1729.145	1126.645	82.84826	60.33071	82.2933	80.30198	53.48051	2.171202	44.34829	31.01671	13.33158	32.89678	2
1729.15	1729.15	1126.65	80.80797	45.8175	80.18772	80.48152	59.37577	0.434637	40.18959	21.24856	18.94103	33.6027	2
1729.155	1729.155	1126.655	79.96737	50.95274	78.81664	78.22087	63.01759	0	36.98241	20.93439	16.04802	33.35092	2
1729.16	1729.16	1126.66	77.1844	37.78495	76.80083	76.00103	62.8191	0	37.1809	24.81918	12.36172	33.72597	2
1729.165	1729.165	1126.665	80.14691	49.28762	79.25734	78.07397	61.23139	0	38.76861	9.125771	29.64283	33.90331	2
1729.17	1729.17	1126.67	84.10509	34.20827	83.84393	83.07678	56.36889	1.689285	41.94182	25.8079	16.13392	33.63187	2
1729.175	1729.175	1126.675	84.52947	44.72518	84.4805	84.27647	51.78889	3.219223	44.99189	14.29377	30.69812	32.64554	2
1729.18	1729.18	1126.68	82.85643	57.29352	82.17905	81.32212	55.15674	1.625533	43.21773	25.88654	17.3312	33.00242	2
1729.185	1729.185	1126.685	76.46622	29.00643	76.27035	76.22139	64.1495	0	35.8505	25.63231	10.21819	33.47073	2
1729.19	1729.19	1126.69	76.00919	43.52629	76.01736	77.79649	59.47493	0.410833	40.11424	27.97519	12.13905	33.11267	2
1729.195	1729.195	1126.695	80.3591	100.2537	77.07831	76.06632	67.2344	0	32.7656	20.81457	11.95104	31.3992	2
1729.2	1729.2	1126.7	81.19154	105.7885	77.55166	76.26219	67.91208	0	32.08792	10.59214	21.49578	30.94079	2
1729.205	1729.205	1126.705	80.64475	18.42957	80.45704	80.96303	62.80161	0	37.19839	7.461379	29.73701	34.22696	2
1729.21	1729.21	1126.71	86.25964	50.12018	85.21501	84.59476	56.60794	1.003886	42.38817	19.99245	22.39572	33.53637	2
1729.215	1729.215	1126.715	88.69983	78.53382	88.28361	86.99415	42.61668	5.997066	51.38626	36.49208	14.89418	31.46102	2
1729.22	1729.22	1126.72	88.96915	56.78733	89.02628	90.00562	43.9631	6.488035	49.54886	18.62274	30.92612	31.43441	2
1729.225	1729.225	1126.725	87.64704	62.95494	88.16936	88.3489	40.08168	7.956473	51.96184	30.94386	21.01799	31.10271	2
1729.23	1729.23	1126.73	87.11656	66.09869	86.57792	85.99848	48.03132	4.068264	47.90041	34.59657	13.30384	32.02089	2
1729.235	1729.235	1126.735	90.58507	54.49612	90.29126	90.48713	45.75065	5.745756	48.50359	28.17414	20.32945	31.87638	2
1729.24	1729.24	1126.74	92.64984	80.3921	93.17216	94.17598	31.25931	12.46068	56.28001	33.51001	22.77	30.32667	2

1729.245	1729.245	1126.745	95.59603	133.6094	95.03291	90.00562	24.08237	12.5115	63.40613	38.21378	25.19235	31.08721	2
1729.25	1729.25	1126.75	98.19129	183.1701	97.0324	91.20531	14.31823	13.89783	71.78393	41.5719	30.21203	31.49092	2
1729.255	1729.255	1126.755	99.1135	199.7081	96.74676	92.47846	18.82848	8.255687	72.91583	53.80114	19.11469	31.1171	2
1729.26	1729.26	1126.76	99.48891	268.7374	96.10202	90.96864	9.68415	7.100594	83.21526	68.37732	14.83794	31.72984	2
1729.265	1729.265	1126.765	98.52589	310.2456	93.57206	83.26449	12.66899	1.993665	85.33734	64.09327	21.24407	32.10219	2
1729.27	1729.27	1126.77	90.86255	61.52959	90.01378	88.6427	48.09421	4.034473	47.87132	29.1156	18.75572	32.43311	2
1729.275	1729.275	1126.775	92.12753	79.21319	90.30758	89.45882	50.17764	1.567241	48.25512	23.72789	24.52722	32.57789	2
1729.28	1729.28	1126.78	95.31855	88.35804	94.18415	92.51927	39.71592	6.347035	53.93704	23.14585	30.7912	31.51166	2
1729.285	1729.285	1126.785	89.65469	63.52108	88.97731	88.92835	47.39526	4.376968	48.22777	22.92457	25.30319	32.00419	2
1729.29	1729.29	1126.79	90.39736	48.43507	90.10356	89.71998	47.39011	5.242593	47.36729	19.55524	27.81206	32.2527	2
1729.295	1729.295	1126.795	92.1765	45.16477	91.20531	89.52411	51.7944	2.92614	45.27946	32.31961	12.95985	33.30385	2
1729.3	1729.3	1126.8	91.53992	69.36233	91.39302	91.49912	40.13607	7.889888	51.97404	32.07892	19.89512	31.16672	2
1729.305	1729.305	1126.805	92.00511	93.42001	91.90718	92.27443	33.50665	9.999818	56.49354	40.83122	15.66232	30.45375	2
1729.31	1729.31	1126.81	89.8424	78.64039	88.62638	84.34992	47.73814	3.367751	48.8941	30.69917	18.19494	32.67799	2
1729.315	1729.315	1126.815	89.13237	50.26671	88.67535	87.47565	49.37562	4.121197	46.50318	15.34497	31.15821	32.6128	2
1729.32	1729.32	1126.82	91.49912	52.27817	91.53992	92.16833	42.85325	7.547585	49.59917	33.0432	16.55596	31.49166	2
1729.325	1729.325	1126.825	94.77175	106.4013	94.0046	94.53508	33.00629	9.175753	57.81795	36.76623	21.05173	30.42687	2
1729.33	1729.33	1126.83	95.84087	106.0749	95.31855	96.55905	30.20421	11.01422	58.78157	38.03884	20.74273	30.19109	2
1729.335	1729.335	1126.835	103.7246	238.5188	100.6804	96.64882	10.44379	6.739185	82.81702	67.73269	15.08433	32.09748	2
1729.34	1729.34	1126.84	97.98726	57.16697	97.88116	100.1336	36.83956	11.57987	51.58057	29.41468	22.16589	30.64096	2
1729.345	1729.345	1126.845	95.85719	53.83673	96.15915	95.6858	36.44268	12.03763	51.51969	33.30671	18.21298	31.08358	2
1729.35	1729.35	1126.85	94.94314	57.30018	94.5514	96.28973	41.82163	7.876786	50.30158	33.37445	16.92713	31.2406	2
1729.355	1729.355	1126.855	93.04974	95.99762	91.70315	90.37287	41.59892	5.003966	53.39711	18.67857	34.71854	31.45104	2
1729.36	1729.36	1126.86	89.91585	71.4071	89.72814	86.64321	41.45163	6.987261	51.56111	32.88572	18.67538	31.80522	2
1729.365	1729.365	1126.865	83.72967	81.17137	82.70952	81.73018	51.23137	2.502172	46.26645	26.70633	19.56013	32.09422	2
1729.37	1729.37	1126.87	87.10024	96.78356	85.76181	84.39073	46.81902	3.405577	49.7754	19.88933	29.88608	31.60316	2
1729.375	1729.375	1126.875	86.03929	86.30661	85.14972	85.01098	46.85181	3.885654	49.26253	15.8013	33.46123	31.4545	2
1729.38	1729.38	1126.88	86.72483	98.72842	86.03929	85.41088	41.63381	5.623481	52.74271	34.48879	18.25392	30.89222	2
1729.385	1729.385	1126.885	86.6677	57.12701	85.49249	82.92988	55.54886	1.160639	43.2905	28.39167	14.89884	33.63134	2
1729.39	1729.39	1126.89	89.66285	43.65284	89.40985	88.88754	48.90691	4.723698	46.36939	29.14821	17.22118	32.51202	2
1729.395	1729.395	1126.895	88.99363	39.53666	88.16119	86.48815	55.0094	1.908339	43.08226	13.24535	29.83692	33.74447	2
1729.4	1729.4	1126.9	89.57308	130.2059	87.17369	83.55829	44.67819	2.394186	52.92762	35.43361	17.49401	31.55088	2
1729.405	1729.405	1126.905	85.00282	65.36603	84.01531	82.00766	53.63198	1.865383	44.50264	20.90236	23.60028	32.97389	2
1729.41	1729.41	1126.91	85.15788	79.65944	85.62307	85.76181	38.77196	7.5241	53.70394	32.39468	21.30925	30.73452	2
1729.415	1729.415	1126.915	85.33743	65.57251	83.82761	82.6932	57.32212	0.365407	42.31248	21.43453	20.87795	33.46459	2
1729.42	1729.42	1126.92	94.42082	138.9911	93.64551	92.78858	25.50568	11.16127	63.33306	46.53249	16.80056	30.24754	2
1729.425	1729.425	1126.925	88.36522	105.329	87.6552	87.55727	38.71706	6.573857	54.70908	31.79062	22.91846	30.57884	2
1729.43	1729.43	1126.93	84.84775	76.40246	84.47234	86.62689	46.36013	4.457487	49.18238	18.95281	30.22957	31.05142	2
1729.435	1729.435	1126.935	84.45602	62.58195	83.59093	82.62791	53.86004	1.896389	44.24357	28.35481	15.88875	32.82463	2
1729.44	1729.44	1126.94	82.91355	46.75663	82.48101	82.09744	55.75663	1.621137	42.62223	17.94238	24.67985	33.19016	2
1729.445	1729.445	1126.945	80.8651	58.91868	79.79598	78.66158	59.63143	0.208194	40.16038	26.2227	13.93768	33.67664	2
1729.45	1729.45	1126.95	79.95105	35.76682	79.42057	78.24536	61.90066	0	38.09934	17.17188	20.92746	34.14709	2
1729.455	1729.455	1126.955	82.52998	29.45934	81.87708	81.91789	62.00319	0	37.99681	20.38349	17.61331	34.17035	2
1729.46	1729.46	1126.96	85.06811	55.26207	84.30912	84.66005	54.24609	1.907505	43.8464	12.64108	31.20532	32.79412	2
1729.465	1729.465	1126.965	90.25862	60.83024	89.91585	89.85056	44.89762	5.808603	49.29378	20.08409	29.20969	31.7418	2
1729.47	1729.47	1126.97	96.25709	106.1082	97.16298	100.6315	18.74463	19.41386	61.84152	35.32972	26.5118	29.6076	2
1729.475	1729.475	1126.975	91.47463	73.13882	91.68682	92.08672	36.49926	9.708124	53.79261	21.35267	32.43994	30.77303	2
1729.48	1729.48	1126.98	85.68836	68.68296	85.53329	84.57844	45.74717	4.974014	49.27882	16.5068	32.77201	31.70984	2
1729.485	1729.485	1126.985	82.92988	71.93994	81.06913	77.34763	60.71586	0	39.28414	14.93608	24.34807	33.47321	2
1729.49	1729.49	1126.99	90.07907	64.75327	88.40603	88.38971	54.42304	0.73875	44.83821	31.34209	13.49612	33.11987	2
1729.495	1729.495	1126.995	91.23796	47.07633	90.5769	89.68734	49.79179	4.00274	46.20547	28.88201	17.32346	32.75348	2
1729.5	1729.5	1127	88.07958	63.04152	88.19384	89.60572	42.82525	6.662017	50.51274	20.17574	30.337	31.13282	2
1729.505	1729.505	1127.005	89.98114	73.18545	91.42567	92.49478	28.31137	14.09523	57.59339	35.91015	21.68325	30.2844	2
1729.51	1729.51	1127.01	91.87453	46.1372	92.29075	92.18466	41.08452	9.083948	49.83153	18.3507	31.48083	31.48228	2
1729.515	1729.515	1127.015	92.06224	76.18267	91.93982	90.95232	37.81527	8.758216	53.42651	27.49703	25.92948	31.12395	2
1729.52	1729.52	1127.02	90.80542	83.07627	89.80975	89.0426	44.07096	4.862962	51.06608	35.41113	15.65495	31.58444	2
1729.525	1729.525	1127.025	86.91253	61.06336	86.35757	87.64704	49.56408	3.594941	46.84098	18.73568	28.1053	31.93442	2
1729.53	1729.53	1127.03	87.01047	72.91237	86.47183	86.02296	46.48002	4.487943	49.03204	35.25467	13.77736	31.7071	2
1729.535	1729.535	1127.035	88.59374	56.34107	88.51212	88.37338	45.49171	5.725782	48.7825	21.68294	27.09957	31.80631	2
1729.54	1729.54	1127.04	91.49096	131.2982	92.13569	92.40501	19.05747	15.61154	65.33099	42.9573	22.37369	30.12553	2
1729.545	1729.545	1127.045	87.14105	118.2037	85.11707	81.56696	46.91074	2.604015	50.48525	28.71489	21.77036	31.71681	2
1729.55	1729.55	1127.05	89.17318	136.6466	86.36573	84.15405	46.64991	1.376848	51.97324	31.65014	20.3231	31.3894	2
1729.555	1729.555	1127.055	97.77507	234.0029	94.48611	87.12472	18.90764	5.510761	75.5816	44.92589	30.65571	31.42022	2
1729.56	1729.56	1127.06	87.949	104.8094	87.57359	88.80593	36.63249	7.599447	55.76806	26.76635	29.00171	30.18663	2
1729.565	1729.565	1127.065	87.05127	157.7004	84.52131	81.49351	41.35657	3.648308	54.99512	21.45394	33.54118	30.50029	2
1729.57	1729.57	1127.07	89.90769	109.192	90.10356	91.07474	29.34247	11.1115	59.54603	39.8997	19.64633	30.00248	2
1729.575	1729.575	1127.075	85.72916	87.52548	85.45984	85.79445	42.03523	5.885626	52.07915	20.95874	31.12041	30.84861	2
1729.58	1729.58	1127.08	82.91355	67.90368	83.12575	83.16655	45.64236	4.907498	49.45014	32.51818	16.93196	31.40584	2
1729.585	1729.585	1127.085	90.86255	157.0277	89.94033	83.20736	25.55292	10.17746	64.26963	41.65678	22.61285	30.99815	2
1729.59	1729.59	1127.09	86.59425	65.28611	87.05943	87.2553	40.92885	7.309454	51.76169	28.8205	22.9412	31.11113	2
1729.595	1729.595	1127.095	89.56492	123.5987	88.3081	86.62689	37.42976	6.163864	56.40637	39.23354	17.17283	30.64577	2
1729.6	1729.6	1127.1	89.34457	86.57969	89.5894	89.0426	34.95324	9.45716	55.5896	35.53938	20.05022	30.67912	2
1729.605	1729.605	1127.105	89.0426	67.98361	88.34074	86.29228	47.0682	4.341207	48.59059	30.72631	17.86428	32.24487	2

1729.61	1729.61	1127.11	90.05459	49.22101	89.83424	89.79343	46.94602	5.426599	47.62738	32.17931	15.44806	32.1042	2
1729.615	1729.615	1127.115	90.58507	51.90519	90.3892	92.95181	45.61866	5.982454	48.39888	28.12697	20.27191	31.44296	2
1729.62	1729.62	1127.12	91.56441	73.76491	91.76844	92.88652	36.32841	9.770994	53.9006	20.62976	33.27084	30.62405	2
1729.625	1729.625	1127.125	92.80491	179.6134	91.85821	81.77915	18.48995	12.36381	69.14624	40.84181	28.30443	31.75261	2
1729.63	1729.63	1127.13	88.23464	68.72292	88.17752	85.974	42.63592	6.477281	50.88679	20.77848	30.10831	31.72059	2
1729.635	1729.635	1127.135	87.57359	49.27429	87.54094	88.29177	47.76092	4.934028	47.30506	27.27764	20.02742	31.96931	2
1729.64	1729.64	1127.14	95.09004	154.6765	92.49478	90.34839	35.19868	3.634563	61.16676	39.7579	21.40886	30.80862	2
1729.645	1729.645	1127.145	91.66234	93.49328	91.09922	89.97298	37.40946	7.751605	54.83893	33.85576	20.98317	30.96409	2
1729.65	1729.65	1127.15	100.9824	127.5017	99.83168	97.66897	25.15889	11.62316	63.21795	33.75002	29.46793	30.84318	2
1729.655	1729.655	1127.155	99.26856	45.94405	99.07269	100.2153	39.07244	11.27731	49.65024	36.10073	13.54952	31.11403	2
1729.66	1729.66	1127.16	96.91814	68.7429	96.29789	95.60419	39.00646	8.594557	52.39898	22.87563	29.52335	31.39316	2
1729.665	1729.665	1127.165	93.02526	94.50567	92.70697	95.25326	34.01311	9.636887	56.35001	36.43446	19.91554	30.10408	2
1729.67	1729.67	1127.17	101.5047	193.9867	98.57486	95.71845	22.37731	4.59897	73.02372	44.35078	28.67294	31.15369	2
1729.675	1729.675	1127.175	102.4841	180.9455	99.43179	92.65801	25.58103	2.880782	71.53818	33.93111	37.60707	32.08487	2
1729.68	1729.68	1127.18	99.83984	83.90883	98.68096	98.83602	36.82278	8.016848	55.16037	36.12574	19.03462	31.13635	2
1729.685	1729.685	1127.185	103.4308	61.93588	103.594	103.7409	28.59023	19.0007	52.40907	37.40622	15.00285	30.19495	2
1729.69	1729.69	1127.19	107.1033	35.16738	107.0543	109.4537	33.33396	19.72583	46.94021	25.77013	21.17009	29.8971	2
1729.695	1729.695	1127.195	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1730	1730	1127.5	95.80006	52.15163	95.19613	92.81307	43.92369	6.912096	49.16422	35.01021	14.154	32.32734	2
1730.005	1730.005	1127.505	97.25275	59.63801	96.80389	94.77175	39.57377	9.172483	51.25374	27.96255	23.29119	31.72708	2
1730.01	1730.01	1127.51	94.91049	75.36343	94.5514	95.34303	37.22736	9.24568	53.52696	22.1817	31.34526	30.838	2
1730.015	1730.015	1127.515	102.0352	109.4118	101.823	99.64398	21.29442	17.83937	60.86621	30.53038	30.33582	30.61893	2
1730.02	1730.02	1127.52	99.3665	133.8225	98.72176	95.42465	21.19445	14.38765	64.41789	33.90975	30.50814	30.88781	2
1730.025	1730.025	1127.525	97.65265	179.0606	97.31804	97.09769	9.42012	18.17774	72.40214	63.21906	9.183077	30.74612	2
1730.03	1730.03	1127.53	99.73375	170.322	99.0074	88.69983	12.6562	16.56874	70.77506	51.90328	18.87178	32.45607	2
1730.035	1730.035	1127.535	95.34303	95.51141	93.6047	90.2423	42.64272	3.806465	53.55082	23.70187	29.84895	32.12511	2
1730.04	1730.04	1127.54	98.60751	82.82984	99.27672	102.4841	24.04984	18.8038	57.14636	33.21149	23.93487	29.59648	2
1730.045	1730.045	1127.545	94.36369	44.85173	94.77991	95.40832	39.10558	10.84864	50.04578	25.99825	24.04753	31.16191	2
1730.05	1730.05	1127.55	90.69116	55.11554	90.88703	90.70748	41.70819	7.9304	50.36141	23.10381	27.2576	31.46412	2
1730.055	1730.055	1127.555	92.57639	154.843	90.31575	89.31192	34.87772	4.897644	60.22464	39.41791	20.80673	30.29979	2
1730.06	1730.06	1127.56	94.05357	130.6122	93.34354	91.74395	27.36525	10.73608	61.89867	27.36461	34.53406	30.42999	2
1730.065	1730.065	1127.565	91.68682	94.80539	90.50345	89.52411	41.87634	5.182492	52.94116	24.69969	28.24147	31.3245	2
1730.07	1730.07	1127.57	90.06275	82.05056	89.82608	90.05459	39.12026	7.579834	53.29991	27.25918	26.04072	30.87953	2
1730.075	1730.075	1127.575	93.44964	211.657	89.83424	84.8804	30.82471	3.098041	66.07725	31.49032	34.58693	30.43431	2
1730.08	1730.08	1127.58	88.455	64.59342	87.48382	88.19384	50.51645	2.900061	46.58349	25.60045	20.98304	32.21912	2
1730.085	1730.085	1127.585	94.42898	80.95158	93.09871	91.09106	43.84467	4.532862	51.62247	16.81773	34.80474	32.03758	3
1730.09	1730.09	1127.59	97.68529	101.7723	96.33054	91.9235	36	7.049218	56.95078	36.07594	20.87484	31.75318	3
1730.095	1730.095	1127.595	96.25709	47.41602	95.76742	94.60037	43.76375	7.483841	48.75241	24.82941	23.923	32.10978	3
1730.1	1730.1	1127.6	94.9513	29.97886	94.88601	96.82021	45.89592	7.745583	46.3585	25.78839	20.57011	31.86812	3
1730.105	1730.105	1127.605	96.16731	21.57332	96.2326	97.30172	45.79933	8.772805	45.42786	32.44027	12.98759	32.0563	3
1730.11	1730.11	1127.61	97.0324	27.79422	96.94263	96.96711	44.69973	8.959667	46.3406	27.00441	19.33619	32.08013	3
1730.115	1730.115	1127.615	97.68529	44.90501	98.1668	98.50141	35.53082	14.11576	50.35343	25.0655	25.28793	30.8328	3
1730.12	1730.12	1127.62	96.28157	40.26265	97.02424	98.38715	35.92172	14.03198	50.0463	16.88804	33.15826	30.69888	3
1730.125	1730.125	1127.625	103.8225	139.2242	102.28	99.89697	22.74513	11.07509	66.17978	39.52098	26.6588	31.04281	3
1730.13	1730.13	1127.63	117.3945	209.8986	121.3119	125.0497	0	100	0	0	0	-9999	3
1730.135	1730.135	1127.635	118.0556	224.7449	124.0214	128.2979	0	100	0	0	0	-9999	3
1730.14	1730.14	1127.64	107.2584	174.7979	108.4336	107.748	0	41.68035	58.31965	58.31965	0	-9999	3
1730.145	1730.145	1127.645	97.53839	60.42395	97.08137	96.43663	39.18404	9.36659	51.44937	23.20128	28.24809	31.43108	3
1730.15	1730.15	1127.65	90.96864	69.48888	90.01378	89.62205	46.89269	4.173813	48.93349	35.07249	13.861	32.00633	3
1730.155	1730.155	1127.655	89.06709	52.27151	88.92018	89.52411	46.54706	5.432733	48.02021	20.2094	27.81081	31.85775	4
1730.16	1730.16	1127.66	88.79777	117.1713	87.16553	87.04311	42.60043	4.152086	53.24749	19.02013	34.22736	30.78024	4
1730.165	1730.165	1127.665	94.0046	105.8751	94.33921	95.47361	25.30077	14.26643	60.43279	40.11908	20.31371	30.01684	4
1730.17	1730.17	1127.67	88.22648	84.86795	88.25913	89.47514	38.0406	7.902296	54.05711	27.91589	26.14122	30.51687	4
1730.175	1730.175	1127.675	87.08392	78.24742	86.39838	86.29228	46.25985	4.367093	49.37306	24.6086	24.76446	31.54608	4
1730.18	1730.18	1127.68	90.61771	99.96061	91.31957	90.10356	27.00181	13.11792	59.88027	36.45551	23.42476	30.46982	4
1730.185	1730.185	1127.685	92.02959	83.76896	92.42133	93.30274	32.02472	11.61857	56.3567	30.37946	25.97724	30.34722	4
1730.19	1730.19	1127.69	84.03164	68.21006	84.34176	84.84775	43.78059	5.710966	50.50844	31.26675	19.24169	31.17406	4
1730.195	1730.195	1127.695	84.84775	107.134	83.15023	81.02016	49.16947	2.522284	48.30824	28.15342	20.15483	31.69277	4
1730.2	1730.2	1127.7	86.47999	51.03266	85.84342	84.56211	53.02194	2.483496	44.49457	19.01378	25.48078	33.03342	4
1730.205	1730.205	1127.705	91.76844	82.52345	91.83373	91.34405	35.09637	9.862887	55.04074	22.1293	32.91145	30.77132	4
1730.21	1730.21	1127.71	92.38869	103.5506	93.0171	93.27825	25.07297	14.33723	60.58979	40.56368	20.02611	30.17692	4
1730.215	1730.215	1127.715	87.41853	162.8356	86.92886	78.84929	23.96368	10.88703	65.14928	37.0253	28.12398	31.02214	4
1730.22	1730.22	1127.72	82.57895	96.03758	81.89341	81.12626	46.0992	4.138931	49.76186	26.43432	23.32755	31.11583	4
1730.225	1730.225	1127.725	80.4652	38.52427	79.59195	79.06148	63.4168	0	36.5832	23.75021	12.83298	33.59001	4
1730.23	1730.23	1127.73	87.79394	81.65759	86.35757	82.08111	50.60029	2.218451	47.18126	30.57866	16.6026	32.88788	4
1730.235	1730.235	1127.735	86.32493	52.99085	84.88856	83.24	58.88913	0	41.11087	9.133336	31.97753	34.04605	4
1730.24	1730.24	1127.74	91.3767	80.94492	90.89519	89.81791	40.07647	7.122635	52.8009	36.173	16.6279	31.26865	4
1730.245	1730.245	1127.745	96.7794	85.80707	96.3387	96.33054	33.61309	10.67768	55.70923	21.4064	34.30283	30.70893	4
1730.25	1730.25	1127.75	95.9388	79.0933	96.42031	96.19996	28.86402	14.8276	56.30838	24.30565	32.00273	30.4483	4
1730.255	1730.255	1127.755	93.87402	95.77116	94.59221	93.94747	24.89335	15.46094	59.64571	25.34398	34.30173	30.38223	4
1730.26	1730.26	1127.76	87.83475	68.56307	87.2553	88.27545	47.09046	4.36559	48.54395	18.64307	29.90088	31.6033	4
1730.265	1730.265	1127.765	85.14156	80.27887	84.12957	83.94186	50.08518	2.834485	47.08034	28.6415	18.43884	31.89223	4
1730.27	1730.27	1127.77	87.81026	46.47023	88.51212	90.00562	42.52933	7.625267	49.8454	31.82994	18.01546	31.26242	4

1730.275	1730.275	1127.775	90.99312	34.30818	91.14003	91.87453	46.84526	6.497201	46.65754	16.50532	30.15221	32.10695	4
1730.28	1730.28	1127.78	88.19384	73.07222	88.38155	90.05459	39.72346	7.678089	52.59845	18.81459	33.78386	30.68837	4
1730.285	1730.285	1127.785	91.58073	88.37136	89.51595	88.34074	50.3619	1.078109	48.55999	24.39333	24.16667	32.52008	4
1730.29	1730.29	1127.79	96.05306	100.5068	94.20047	91.22164	41.66611	3.753257	54.58064	29.19026	25.39037	31.97037	4
1730.295	1730.295	1127.795	95.86535	106.8609	93.68631	91.47463	42.83107	2.500629	54.6683	28.77132	25.89698	31.92395	4
1730.3	1730.3	1127.8	88.0551	63.56104	87.05127	87.949	51.38718	2.584421	46.0284	23.16772	22.86067	32.30237	4
1730.305	1730.305	1127.805	91.67866	77.42818	90.30758	88.58558	47.54387	3.215469	49.24066	26.0812	23.15947	32.31362	4
1730.31	1730.31	1127.81	87.09208	51.75866	86.87173	86.24332	49.05742	4.206776	46.7358	21.3055	25.43031	32.34143	4
1730.315	1730.315	1127.815	87.00231	63.81414	86.61057	87.61439	47.55082	4.381195	48.06799	25.24757	22.82042	31.68161	4
1730.32	1730.32	1127.82	86.24332	98.56191	84.31728	81.10993	51.73097	1.466777	46.80225	18.87523	27.92702	32.48945	4
1730.325	1730.325	1127.825	88.92018	77.00191	87.97349	91.68682	46.89587	3.98289	49.12124	23.48156	25.63968	31.04152	4
1730.33	1730.33	1127.83	94.69014	99.70085	94.69014	95.98777	28.75747	12.6143	58.62823	27.50986	31.11837	30.09848	4
1730.335	1730.335	1127.835	92.60088	156.9144	91.00129	87.38588	29.23073	7.865086	62.90418	35.20268	27.70151	30.55396	4
1730.34	1730.34	1127.84	97.49759	175.2175	97.71794	100.15	6.191865	21.13595	72.67218	68.72793	3.944246	-9999	4
1730.345	1730.345	1127.845	102.8024	152.9048	101.8801	104.4836	15.56602	16.08776	68.34622	55.88074	12.46548	30.02649	4
1730.35	1730.35	1127.85	98.07703	194.5862	96.7794	90.85438	12.73589	13.80676	73.45734	55.53874	17.9186	31.57363	4
1730.355	1730.355	1127.855	99.67662	121.8004	98.53406	95.62051	27.6767	10.59367	61.72963	39.05849	22.67114	31.00076	4
1730.36	1730.36	1127.86	100.403	141.0292	99.25224	95.45729	22.41834	12.22166	65.36	49.02004	16.33996	31.06548	4
1730.365	1730.365	1127.865	93.66183	173.6256	90.91967	86.35757	33.06543	4.193477	62.74109	24.55101	38.19008	30.81523	4
1730.37	1730.37	1127.87	99.61949	175.6038	99.58685	101.317	6.106948	21.40042	72.49263	70.1882	2.304426	-9999	4
1730.375	1730.375	1127.875	97.62	108.8657	98.02806	97.63633	20.68164	17.91669	61.40167	39.18256	22.21911	30.27602	4
1730.38	1730.38	1127.88	89.78527	89.29051	89.12421	87.01047	40.91243	6.233917	52.85365	24.8285	28.02515	31.37753	1
1730.385	1730.385	1127.885	86.08825	55.17549	86.03113	88.02245	47.88908	4.561652	47.54927	19.33596	28.21331	31.61443	1
1730.39	1730.39	1127.89	92.85387	133.1898	93.66183	94.71462	16.08084	17.58595	66.33321	49.07461	17.2586	30.11678	1
1730.395	1730.395	1127.895	87.6552	111.9562	88.72432	88.91202	23.97819	13.35977	62.66204	42.04469	20.61735	30.10361	1
1730.4	1730.4	1127.9	85.44352	50.89279	85.44352	83.8929	49.07591	4.179911	46.74418	33.7244	13.01978	32.45389	1
1730.405	1730.405	1127.905	85.41088	84.36175	84.93753	83.28897	44.6749	4.888284	50.43681	31.3934	19.04341	31.48016	1
1730.41	1730.41	1127.91	81.83628	79.23317	82.78298	84.49682	38.19929	7.312885	54.48782	24.09254	30.39528	30.3126	1
1730.415	1730.415	1127.915	84.19486	66.34513	84.29279	83.36242	45.72622	4.997126	49.27666	34.84848	14.42817	31.66399	1
1730.42	1730.42	1127.92	80.48968	42.767	80.81613	79.68173	53.06991	2.5581	44.37199	30.19262	14.17937	32.84844	1
1730.425	1730.425	1127.925	84.41521	87.93177	85.94135	83.42771	29.23092	11.19784	59.57123	33.43936	26.13187	30.79931	1
1730.43	1730.43	1127.93	83.77864	69.02264	84.84775	85.85974	37.93453	8.029712	54.03576	31.50889	22.52686	30.63234	1
1730.435	1730.435	1127.935	84.17854	78.27406	84.15405	85.96584	43.80317	5.416616	50.78021	23.38352	27.39669	30.78724	1
1730.44	1730.44	1127.94	83.52564	55.58178	84.70901	87.54094	40.53449	7.340838	52.12467	36.10673	16.01794	30.6507	1
1730.445	1730.445	1127.945	79.60011	58.04616	79.86943	81.34661	50.6335	3.113273	46.25322	22.76238	23.49084	31.72202	1
1730.45	1730.45	1127.95	78.26168	58.48575	78.84929	78.13926	49.29176	3.424276	47.28396	23.15573	24.12823	31.89801	1
1730.455	1730.455	1127.955	80.91406	80.27887	80.85694	76.62944	46.57432	4.241642	49.18404	28.92666	20.25738	31.98007	1
1730.46	1730.46	1127.96	80.13059	59.77122	79.54299	77.33131	56.36916	1.278512	42.35233	14.60749	27.74484	33.23022	1
1730.465	1730.465	1127.965	83.14207	72.25964	82.86459	82.86459	48.17294	3.863584	47.96348	21.23387	26.72961	31.62277	1
1730.47	1730.47	1127.97	85.52513	82.03058	86.03113	87.15737	37.54403	8.010313	54.44566	28.85504	25.59062	30.44911	1
1730.475	1730.475	1127.975	84.01531	72.55936	84.23567	84.66005	43.43882	5.718446	50.84274	33.66789	17.17485	31.08957	1
1730.48	1730.48	1127.98	80.99568	69.47556	81.24867	81.29764	46.71017	4.361195	48.92864	22.15472	26.77391	31.39692	1
1730.485	1730.485	1127.985	82.15456	69.10923	81.7057	81.19971	51.17207	2.844624	45.9833	19.2353	26.748	32.09268	1
1730.49	1730.49	1127.99	84.41521	45.62435	83.96635	82.97884	54.77562	1.998914	43.22547	15.56331	27.66216	33.22848	1
1730.495	1730.495	1127.995	83.00333	43.5596	82.77481	82.74217	54.86649	2.018841	43.11467	24.60464	18.51002	33.02569	1
1730.5	1730.5	1128	82.2933	53.85671	82.57895	83.9337	49.04312	3.914162	47.04272	20.57869	26.46403	31.73699	1
1730.505	1730.505	1128.005	83.91738	55.48853	84.26831	85.87606	46.64807	4.926846	48.42508	33.56238	14.8627	31.44712	1
1730.51	1730.51	1128.01	83.17471	80.82503	82.86459	83.74599	46.32308	4.358675	49.31825	16.02912	33.28913	31.11723	1
1730.515	1730.515	1128.015	83.15839	89.86997	81.5996	79.1186	53.82634	1.465755	44.70791	16.61868	28.08923	32.55124	1
1730.52	1730.52	1128.02	81.37109	48.30186	81.24051	80.96303	54.46153	2.04469	43.49378	17.94959	25.54419	32.84322	1
1730.525	1730.525	1128.025	82.97068	63.07483	82.987	82.6524	48.27637	4.032637	47.691	26.90919	20.78181	31.83596	1
1730.53	1730.53	1128.03	83.6399	103.8703	82.92988	80.99568	43.41735	4.90472	51.67793	19.36597	32.31196	31.01527	1
1730.535	1730.535	1128.035	79.42873	41.1818	79.74702	81.13442	54.49286	2.034559	43.47259	15.16783	28.30476	32.57437	1
1730.54	1730.54	1128.04	80.91406	53.03747	81.29764	81.38741	49.75128	3.56842	46.6803	18.03207	28.64823	32.01423	1
1730.545	1730.545	1128.045	80.66923	54.18973	80.93039	83.46035	50.64642	3.226622	46.12696	20.81593	25.31103	31.6459	1
1730.55	1730.55	1128.05	83.72967	81.13807	84.06428	83.6399	40.74007	6.52228	52.73765	25.18485	27.5528	30.88891	1
1730.555	1730.555	1128.055	80.92223	74.99044	81.79547	82.09744	40.63621	6.379609	52.98418	24.13636	28.84783	30.75087	1
1730.56	1730.56	1128.06	81.95053	98.72842	81.44454	79.28183	44.63468	4.627088	50.73823	21.76119	28.97704	31.14877	1
1730.565	1730.565	1128.065	81.80363	39.82972	82.18721	83.42771	52.12915	3.040229	44.83062	15.34175	29.48887	32.37869	1
1730.57	1730.57	1128.07	81.19154	49.78049	81.58328	81.21603	50.22094	3.48231	46.29675	22.52742	23.76933	32.22485	1
1730.575	1730.575	1128.075	83.55013	95.19836	82.32595	77.01302	49.58325	2.826793	47.58995	21.08917	26.50079	32.42371	1
1730.58	1730.58	1128.08	83.68887	50.99936	83.92554	84.15405	48.83017	4.170095	46.99973	17.32999	29.66974	32.01935	1
1730.585	1730.585	1128.085	83.76232	75.21024	84.57844	86.38206	38.41288	7.635914	53.95121	25.83931	28.11191	30.41992	1
1730.59	1730.59	1128.09	83.95002	83.4093	84.5866	85.18236	37.64749	7.720441	54.63207	37.27789	17.35418	30.48578	1
1730.595	1730.595	1128.095	83.98267	48.78808	83.82761	83.13391	52.13096	2.949494	44.91954	15.24785	29.67169	32.68728	1
1730.6	1730.6	1128.1	84.81511	38.58421	85.05178	85.09259	50.79849	3.837646	45.36386	20.54521	24.81865	32.54569	1
1730.605	1730.605	1128.105	88.33258	76.24927	89.23031	90.64219	33.3243	10.74073	55.93498	39.48591	16.44906	30.32145	1
1730.61	1730.61	1128.11	87.74497	43.79271	87.83475	87.72865	47.98105	5.099226	46.91973	19.73607	27.18366	32.22028	1
1730.615	1730.615	1128.115	86.83908	50.10686	87.04311	89.94033	46.40096	5.48229	48.11675	27.02628	21.09047	31.35664	1
1730.62	1730.62	1128.12	86.61057	64.33366	86.54528	87.81026	45.25552	5.385285	49.35919	28.43885	20.92035	31.33475	1
1730.625	1730.625	1128.125	87.04311	100.3136	86.59425	86.8146	39.12314	6.662031	54.21482	32.65585	21.55897	30.53007	1
1730.63	1730.63	1128.13	85.81893	78.54048	87.12472	90.99312	31.91992	10.73533	57.34476	35.42884	21.91591	29.7774	1
1730.635	1730.635	1128.135	83.32977	84.70143	85.39455	89.64653	26.83682	12.02339	61.13978	39.37583	21.76395	29.61774	1

1730.64	1730.64	1128.14	85.41088	77.36824	86.30861	90.58507	35.74147	8.968631	55.28989	37.79673	17.49317	29.83606	1
1730.645	1730.645	1128.145	88.88754	86.4598	88.25913	89.07525	42.17038	5.806151	52.02347	23.09021	28.93326	30.93527	1
1730.65	1730.65	1128.15	85.3211	50.16014	86.31677	88.4958	41.64943	7.415238	50.93533	26.24781	24.68752	30.96351	1
1730.655	1730.655	1128.155	84.48866	47.22952	85.89239	87.0676	39.96203	8.086081	51.95189	17.61279	34.3391	31.04552	1
1730.66	1730.66	1128.16	85.10891	67.97695	85.468	88.6427	42.46642	6.360309	51.17327	32.20583	18.96744	30.60094	1
1730.665	1730.665	1128.165	91.11554	91.44851	92.2173	94.73911	25.50453	14.73323	59.76225	25.88005	33.8822	29.83645	1
1730.67	1730.67	1128.17	94.07805	126.7891	95.77558	95.48177	9.609416	22.99998	67.3906	53.01788	14.37272	30.8345	1
1730.675	1730.675	1128.175	91.89902	63.70091	92.40501	94.30656	36.11584	10.70399	53.18017	30.13242	23.04775	30.53268	1
1730.68	1730.68	1128.18	89.95665	52.26485	90.49529	90.51161	40.41734	8.737085	50.84558	27.10641	23.73917	31.30491	1
1730.685	1730.685	1128.185	92.09488	97.78263	92.02143	89.99746	32.17855	10.45875	57.36269	24.2803	33.08239	30.78914	1
1730.69	1730.69	1128.19	92.54375	117.2313	92.64984	89.50779	25.66755	12.88384	61.44861	26.47358	34.97504	30.7186	1
1730.695	1730.695	1128.195	97.33436	87.15915	97.39149	98.74625	28.91713	14.07139	57.01148	35.46572	21.54576	30.15615	1
1730.7	1730.7	1128.2	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1731.005	1731.005	1128.505	102.1739	51.76532	100.6396	99.60317	45.36361	4.463302	50.17309	34.36528	15.80781	32.67866	8
1731.01	1731.009	1128.509	114.6116	81.23132	114.4239	113.1344	16.35409	32.43463	51.21128	31.66959	19.54169	29.11429	8
1731.015	1731.014	1128.514	124.1602	73.25205	124.9436	127.9551	1.973731	75.76017	22.2661	22.2661	0	-9999	8
1731.02	1731.018	1128.518	128.2244	41.03527	128.5264	128.812	9.762766	77.52337	12.71387	0	12.71387	21.91796	8
1731.025	1731.023	1128.523	129.1956	30.61161	129.2935	129.9628	12.97304	74.89375	12.13322	1.629944	10.50327	21.70385	8
1731.03	1731.027	1128.527	128.8039	41.62139	129.4976	130.3871	6.051876	91.54509	2.403031	0	2.403031	-9999	8
1731.035	1731.032	1128.532	129.1793	58.27927	129.6118	133.1783	3.699261	86.63127	9.669467	9.669467	0	-9999	8
1731.04	1731.036	1128.536	124.6662	46.31038	124.6988	124.9355	13.84703	58.04134	28.11164	10.49813	17.61351	24.82783	8
1731.045	1731.041	1128.541	126.5432	52.45801	126.7391	125.8659	9.36741	68.86339	21.7692	11.91345	9.855757	23.70843	8
1731.05	1731.045	1128.545	128.4774	53.31721	128.2163	127.5797	10.92197	63.4572	25.62083	9.267234	16.35359	23.94877	8
1731.055	1731.05	1128.55	129.0161	62.9949	129.5547	130.8768	1.886006	89.37177	8.742219	8.742219	0	-9999	8
1731.06	1731.054	1128.554	127.3757	130.5589	129.7424	133.5618	0	100	0	0	0	-9999	8
1731.065	1731.059	1128.559	115.4848	132.4172	115.4359	115.9011	2.088495	39.48737	58.42414	58.42414	0	-9999	8
1731.07	1731.063	1128.563	98.45244	143.7333	97.20378	95.66948	24.3174	10.82821	64.85439	48.78167	16.07272	30.56233	8
1731.075	1731.068	1128.568	97.63633	189.371	95.75925	91.58889	18.8941	10.02595	71.07995	40.60622	30.47373	30.94466	8
1731.08	1731.072	1128.572	81.73834	67.8837	80.37543	78.57997	58.93548	0.246394	40.81813	25.16601	15.65212	33.55566	4
1731.085	1731.077	1128.577	77.16808	20.89395	77.02934	76.96405	65.02426	0	34.97574	8.136291	26.83945	33.51581	4
1731.09	1731.081	1128.581	80.08162	29.25953	79.54299	78.69422	63.41854	0	36.58146	6.960001	29.62145	33.92689	4
1731.095	1731.086	1128.586	85.67203	62.94828	84.9212	83.11758	51.76717	2.641854	45.59098	18.31805	27.27293	32.71271	4
1731.1	1731.09	1128.59	83.99083	45.77754	83.02781	82.67688	59.11367	0.345439	40.54089	9.186297	31.35459	33.85752	4
1731.105	1731.095	1128.595	83.1992	33.38903	82.47285	82.23618	61.00577	0	38.99423	20.90134	18.09289	34.32522	4
1731.11	1731.099	1128.599	81.75467	39.20364	81.28132	79.28183	58.96688	0.638204	40.39492	14.06229	26.33263	34.10619	4
1731.115	1731.104	1128.604	88.72432	168.8967	83.40323	80.59578	58.73909	0	41.26091	13.21081	28.0501	26.71761	4
1731.12	1731.108	1128.608	88.95283	146.6706	85.78629	84.45602	47.20978	0.839105	51.95111	19.53801	32.4131	31.11931	4
1731.125	1731.113	1128.613	80.00001	45.10483	79.31447	78.08213	60.79755	0.016665	39.18579	21.24865	17.93714	34.1006	4
1731.13	1731.117	1128.617	78.65342	37.5918	78.4249	78.75135	60.31262	0.232376	39.45501	27.42016	12.03485	33.78229	4
1731.135	1731.122	1128.622	78.4249	70.27481	77.02118	74.1158	61.72144	0	38.27856	18.41042	19.86814	33.65875	4
1731.14	1731.126	1128.626	77.15176	36.45285	76.71922	77.93523	63.551	0	36.449	10.66889	25.78012	33.23018	4
1731.145	1731.131	1128.631	77.52717	39.44341	76.77635	77.21705	64.94862	0	35.05138	22.90986	12.14152	33.08984	4
1731.15	1731.135	1128.635	83.96635	63.04152	83.77864	82.84826	48.94964	3.806453	47.2439	22.764	24.47991	32.07036	4
1731.155	1731.14	1128.64	84.13773	75.57656	82.20353	79.28183	59.29381	0	40.70619	23.29344	17.41275	33.3509	4
1731.16	1731.144	1128.644	78.76767	35.4338	77.70672	75.43791	67.18115	0	32.81885	18.17997	14.63888	33.28929	4
1731.165	1731.149	1128.649	79.86127	51.34571	79.50218	80.97935	56.88493	1.195058	41.92001	28.77568	13.14433	32.7688	4
1731.17	1731.153	1128.653	78.8248	27.34797	78.9309	81.77915	60.04074	0.378215	39.58105	27.54417	12.03688	33.46965	4
1731.175	1731.158	1128.658	81.37925	38.93056	81.28948	81.93421	56.40563	1.523856	42.07051	13.41231	28.6582	33.14618	4
1731.18	1731.162	1128.662	86.93702	86.11346	85.56594	85.8271	49.80435	2.537591	47.65806	14.30099	33.35707	31.80414	4
1731.185	1731.167	1128.667	85.04362	81.77082	83.24816	82.06479	55.88614	0.553243	43.56061	12.10313	31.45748	32.92635	4
1731.19	1731.171	1128.671	84.12141	49.23433	84.2275	84.70901	49.87136	3.836181	46.29246	32.26548	14.02698	32.14677	4
1731.195	1731.176	1128.676	86.39838	58.19935	87.03495	89.72814	41.49581	7.332792	51.17139	18.58231	32.58908	30.76849	4
1731.2	1731.18	1128.68	85.63123	37.12556	85.69652	86.86357	51.72889	3.550263	44.72085	23.4934	21.22744	32.52169	4
1731.205	1731.185	1128.685	86.04745	29.85231	86.38206	87.77762	51.01887	4.171915	44.80921	32.43676	12.37245	32.48613	4
1731.21	1731.189	1128.689	85.68019	64.97307	85.19052	87.10024	49.24569	3.624028	47.13028	20.45805	26.67223	31.6424	4
1731.215	1731.194	1128.694	85.8679	148.8553	83.63174	80.3183	42.30883	3.870047	53.82113	27.88554	25.93559	30.63153	4
1731.22	1731.198	1128.698	90.36471	181.1786	87.23082	84.46418	37.30692	3.20812	59.48496	38.73287	20.75209	30.21642	4
1731.225	1731.203	1128.703	90.56874	37.372	90.91967	91.39302	44.91302	7.326443	47.76054	24.85422	22.90632	31.85325	4
1731.23	1731.207	1128.707	94.41266	84.66813	93.7516	91.40934	37.77385	8.058342	54.16781	35.05534	19.11247	31.39418	4
1731.235	1731.212	1128.712	90.86255	109.2986	88.54477	84.89672	47.91895	1.402752	50.67829	33.3624	17.3159	32.31658	4
1731.24	1731.216	1128.716	103.1778	191.7222	100.3866	93.87402	20.3109	5.363146	74.32595	53.21617	21.10978	32.02022	4
1731.245	1731.221	1128.721	111.8205	341.5698	114.6361	125.6455	0	84.94637	15.05363	15.05363	0	-9999	4
1731.25	1731.225	1128.725	101.9373	277.3028	100.5172	93.86586	0	20.37802	79.62198	79.62198	0	-9999	4
1731.255	1731.23	1128.73	88.21016	61.8826	87.61439	86.99415	48.48825	4.001388	47.51036	28.06928	19.44108	32.18267	4
1731.26	1731.234	1128.734	86.32493	44.44544	86.02296	85.87606	52.16549	3.108291	44.72622	30.65799	14.06823	32.76107	4
1731.265	1731.239	1128.739	88.40603	57.44671	86.9615	86.80644	55.95945	0.701512	43.33904	12.06158	31.27746	33.36685	4
1731.27	1731.243	1128.743	98.39532	173.5457	93.96379	87.47565	41.82255	0	58.17745	19.04262	39.13483	26.28981	4
1731.275	1731.248	1128.748	89.35273	78.47388	87.77762	87.71233	51.0119	1.870309	47.11779	21.83897	25.27882	32.32422	4
1731.28	1731.252	1128.752	81.59144	19.58184	81.29764	81.5996	62.47404	0	37.52596	6.567825	30.95814	34.35153	4
1731.285	1731.257	1128.757	81.76283	23.77794	81.50983	81.47719	60.98466	0.191662	38.82368	18.03378	20.7899	34.39971	4
1731.29	1731.261	1128.761	83.08494	17.31061	82.7993	82.5463	61.58641	0.111068	38.30252	25.86151	12.44101	34.74132	4
1731.295	1731.266	1128.766	85.94951	24.39737	86.08825	86.76563	53.94705	3.085306	42.96765	21.5361	21.43154	33.15215	4
1731.3	1731.27	1128.77	84.88856	27.78756	85.20685	87.19001	52.71122	3.407646	43.88114	22.14476	21.73638	32.6249	4

1731.305	1731.275	1128.775	87.8021	64.64004	87.98981	85.92503	42.12445	6.90049	50.97506	33.08063	17.89444	31.66343	4
1731.31	1731.279	1128.779	83.37874	58.23265	82.43204	81.47719	56.53616	1.073931	42.38991	30.60316	11.78675	33.25196	4
1731.315	1731.284	1128.784	93.4578	112.7821	91.67866	89.54859	40.51388	4.306572	55.17955	21.92195	33.25759	31.3729	4
1731.32	1731.288	1128.788	87.94084	54.46281	88.0959	87.59807	44.71269	6.164147	49.12316	17.35241	31.77076	31.7651	4
1731.325	1731.293	1128.793	88.78961	69.08259	88.34074	83.64806	45.07428	5.273985	49.65173	25.03406	24.61767	32.44756	4
1731.33	1731.297	1128.797	89.49147	41.35497	89.48331	86.87173	47.7232	5.464966	46.81184	18.12938	28.68245	32.72872	4
1731.335	1731.302	1128.802	89.49147	30.05878	89.40985	89.09157	51.02612	4.407273	44.56661	15.47776	29.08885	32.91729	4
1731.34	1731.306	1128.806	91.40118	79.00672	93.27009	95.22062	22.30723	17.79368	59.89909	28.348	31.55109	30.03701	4
1731.345	1731.311	1128.811	89.64653	84.02206	91.42567	91.90718	23.40354	16.01441	60.58206	43.89309	16.68897	30.30549	4
1731.35	1731.315	1128.815	86.14538	94.99189	86.4147	86.39838	35.67099	8.392836	55.93617	34.67234	21.26383	30.40572	4
1731.355	1731.32	1128.82	86.71666	64.75327	88.86306	88.11223	27.91585	13.63468	58.44947	39.56549	18.88398	30.73672	4
1731.36	1731.324	1128.824	86.61873	38.27783	87.72049	89.05076	42.5089	7.809651	49.68145	26.49506	23.1864	31.35976	4
1731.365	1731.329	1128.829	90.8299	99.5077	90.40552	88.38971	35.64458	8.35566	55.99976	20.87669	35.12306	30.9025	4
1731.37	1731.333	1128.833	95.31855	221.6411	95.57155	82.97884	0	22.66089	77.33911	77.33911	0	-9999	4
1731.375	1731.338	1128.838	87.92452	166.6388	85.77813	85.36191	35.41739	5.56746	59.01515	36.64258	22.37257	29.61564	4
1731.38	1731.342	1128.842	81.4119	64.54679	81.25683	77.23337	50.68246	3.089702	46.22783	16.08783	30.14	32.70827	4
1731.385	1731.347	1128.847	79.4777	72.0465	79.13493	77.17624	52.10173	2.522686	45.37558	25.71812	19.65747	32.273	4
1731.39	1731.351	1128.851	78.11478	74.75066	77.75569	74.84215	52.82771	2.295812	44.87648	17.47498	27.40151	32.41568	4
1731.395	1731.356	1128.856	78.29433	46.52351	78.00052	77.64143	58.9875	0.585635	40.42687	13.73093	26.69594	33.4709	4
1731.4	1731.36	1128.86	84.74166	58.41248	84.30912	83.90922	51.25406	3.026698	45.71924	16.61683	29.10241	32.3906	4
1731.405	1731.365	1128.865	84.53763	61.62284	83.81128	79.80414	52.94183	2.274067	44.7841	13.96163	30.82247	33.24648	4
1731.41	1731.369	1128.869	79.02883	46.73665	78.07397	77.34763	63.38336	0	36.61664	17.4343	19.18234	33.42291	4
1731.415	1731.374	1128.874	77.86178	38.52427	77.50269	76.5968	61.82725	0	38.17275	20.4715	17.70125	33.936	4
1731.42	1731.378	1128.878	79.78782	30.05212	80.16324	80.91406	56.41313	1.558873	42.028	22.96898	19.05902	33.20866	4
1731.425	1731.383	1128.883	90.18517	78.65371	88.17752	86.17803	53.55474	0.427527	46.01773	20.49967	25.51806	33.16659	4
1731.43	1731.387	1128.887	106.4014	135.2812	106.7687	105.9118	6.526421	29.54546	63.92812	57.55892	6.369202	-9999	4
1731.435	1731.392	1128.892	96.90998	84.73474	98.17496	99.62765	20.53339	20.85609	58.61052	44.76439	13.84612	29.91228	4
1731.44	1731.396	1128.896	94.43714	109.918	95.71845	95.3512	16.58754	19.95483	63.45763	36.49656	26.96107	30.40769	4
1731.445	1731.401	1128.901	94.67382	191.8687	98.59118	86.69218	0	41.41081	58.58919	58.58919	0	-9999	4
1731.45	1731.405	1128.905	91.57257	238.9517	88.22648	77.7312	23.85908	6.237614	69.9033	51.92536	17.97794	30.9133	4
1731.455	1731.41	1128.91	92.48662	298.1168	87.3614	81.58328	22.48851	3.405114	74.10637	52.50377	21.6026	29.53356	4
1731.46	1731.414	1128.914	90.46265	269.6232	87.57359	83.95819	13.91574	10.06369	76.02057	61.34614	14.67442	29.79303	4
1731.465	1731.419	1128.919	89.71182	81.80412	89.59756	90.0301	38.55402	7.882758	53.56322	29.06681	24.49641	30.77424	4
1731.47	1731.423	1128.923	93.86586	302.9723	88.06326	85.62307	25.29426	0.526475	74.17926	42.99434	31.18493	29.04317	4
1731.475	1731.428	1128.928	85.11707	153.5442	82.35043	80.91406	45.97605	2.604215	51.41973	28.89772	22.52201	30.46378	4
1731.48	1731.432	1128.932	82.44021	67.20433	82.41572	82.8401	48.08131	3.992356	47.92633	33.09775	14.82859	31.57314	4
1731.485	1731.437	1128.937	84.75798	84.74806	83.77864	81.63225	49.10353	3.132021	47.76445	27.79467	19.96978	32.02152	4
1731.49	1731.441	1128.941	89.95665	62.98824	88.78961	88.6427	51.04135	2.536155	46.42249	14.25645	32.16605	32.56317	4
1731.495	1731.446	1128.946	89.02628	39.82306	89.38537	90.30758	45.67568	6.574229	47.75009	19.60085	28.14925	31.80683	4
1731.5	1731.45	1128.95	85.1742	68.22338	86.71666	88.21832	33.17558	10.43771	56.38671	38.73194	17.65477	30.36587	4
1731.505	1731.455	1128.955	82.20353	46.74997	82.85643	85.80261	47.99933	4.449345	47.55133	27.59009	19.96124	31.42255	4
1731.51	1731.459	1128.959	82.6932	67.27093	82.23618	83.47668	51.18464	2.866357	45.949	30.07271	15.87629	31.82474	4
1731.515	1731.464	1128.964	83.24816	138.0986	80.80797	80.26117	48.90333	2.38513	48.71154	22.69563	26.0159	30.69366	4
1731.52	1731.468	1128.968	81.39557	65.47926	80.88958	80.80797	53.19154	2.219585	44.58888	17.05006	27.53882	32.3082	4
1731.525	1731.473	1128.973	81.18338	41.22176	81.14258	81.46086	55.65187	1.741077	42.60706	23.25797	19.34909	33.0287	4
1731.53	1731.477	1128.977	79.98369	45.37791	79.81231	80.88142	56.76178	1.291237	41.94698	22.4518	19.49517	32.93747	4
1731.535	1731.482	1128.982	93.10687	212.4896	90.45449	81.76283	23.47518	7.182426	69.34239	50.92632	18.41607	31.05188	4
1731.54	1731.486	1128.986	83.56645	65.03967	82.55446	82.64424	55.22216	1.395689	43.38215	24.95111	18.43103	32.73545	4
1731.545	1731.491	1128.991	81.66489	57.54662	81.00384	78.40042	56.0652	1.352574	42.58223	25.50517	17.07705	33.3774	4
1731.55	1731.495	1128.995	82.42388	83.62243	82.1464	75.6501	46.08387	4.38416	49.53197	26.09984	23.43213	32.36074	4
1731.555	1731.5	1129	79.82047	33.46895	80.36727	80.44888	54.22799	2.237401	43.53461	13.39519	30.13942	32.92385	4
1731.56	1731.504	1129.004	80.40807	56.69408	79.94288	80.73452	55.90981	1.449043	42.64115	31.38719	11.25396	32.66493	4
1731.565	1731.509	1129.009	76.58048	44.37217	76.42541	76.22955	60.00963	0.283011	39.70736	19.91219	19.79517	33.56759	4
1731.57	1731.513	1129.013	76.89876	43.75275	77.15176	79.3308	56.70425	1.20392	42.09183	21.09814	20.99369	32.59413	4
1731.575	1731.518	1129.018	75.72355	53.22396	75.28285	75.00537	60.86959	0.089237	39.04118	25.25852	13.78266	33.50552	4
1731.58	1731.522	1129.022	83.60725	175.0576	79.68173	77.3966	51.14023	1.096097	47.76368	15.6941	32.06958	30.6607	4
1731.585	1731.527	1129.027	77.09463	100.1471	76.01736	74.08316	53.18623	2.247353	44.56642	20.73831	23.82811	31.70401	4
1731.59	1731.531	1129.031	75.797	69.3157	74.89927	73.08749	60.44976	0.294251	39.25599	28.24532	11.01066	33.37721	4
1731.595	1731.536	1129.036	77.89443	71.16732	77.33131	72.99772	55.47883	1.546681	42.97449	13.94393	29.03056	33.11473	4
1731.6	1731.54	1129.04	76.62944	81.71087	74.20557	71.50422	68.51188	0	31.48812	8.119439	23.36868	32.6742	4
1731.605	1731.545	1129.045	76.52335	76.09608	74.80134	70.92478	64.52884	0	35.47116	17.12798	18.34318	33.43621	4
1731.61	1731.549	1129.049	77.66591	44.01251	77.56798	76.4499	58.65532	0.680241	40.66444	18.87249	21.79194	33.56459	4
1731.615	1731.554	1129.054	80.97935	88.15157	79.60828	75.07882	54.79217	1.457965	43.74986	27.30265	16.44721	32.93131	4
1731.62	1731.558	1129.058	93.12319	237.2333	88.455	84.0806	33.09473	0.741671	66.1636	40.35242	25.81118	30.06036	4
1731.625	1731.563	1129.063	100.558	386.1285	101.7169	77.76385	0	45.0401	54.9599	54.9599	0	-9999	4
1731.63	1731.567	1129.067	95.38384	388.7328	93.18848	85.8271	0	21.36965	78.63035	78.63035	0	-9999	4
1731.635	1731.572	1129.072	81.57512	72.5194	80.84878	79.74702	53.03037	2.167755	44.80188	32.00099	12.80089	32.35903	4
1731.64	1731.576	1129.076	82.6932	136.4468	81.02832	80.53049	43.80496	4.250878	51.94416	27.69306	24.2511	30.15809	4
1731.645	1731.581	1129.081	85.63123	227.4091	83.79496	79.49402	20.41734	10.35052	69.23214	34.86779	34.36435	29.4636	4
1731.65	1731.585	1129.085	84.7743	226.6231	81.012	77.24969	36.32271	4.841836	58.83546	26.32558	32.50987	28.97265	4
1731.655	1731.59	1129.09	85.22317	176.6295	82.58711	78.4249	39.27982	4.53496	56.18521	25.04649	31.13872	30.07267	4
1731.66	1731.594	1129.094	85.68019	90.62261	84.84775	85.4272	45.69496	4.251326	50.05371	22.30737	27.74634	31.08879	4
1731.665	1731.599	1129.099	86.83908	114.6603	86.1617	85.54145	37.60993	6.766581	55.62349	39.50473	16.11876	30.38168	4

1731.67	1731.603	1129.103	87.72049	133.5761	87.77762	79.49402	26.52899	11.0264	62.44461	34.1248	28.31981	31.35997	4
1731.675	1731.608	1129.108	88.11223	115.0133	87.79394	81.18338	33.57025	8.569154	57.8606	36.57831	21.28229	31.36402	4
1731.68	1731.612	1129.112	96.16731	159.0525	94.20047	93.47412	28.27842	7.14948	64.5721	41.80074	22.77136	30.28402	4
1731.685	1731.617	1129.117	107.087	297.0978	105.9362	105.3731	0	27.00316	72.99684	72.99684	0	-9999	4
1731.69	1731.621	1129.121	100.9987	265.9866	98.74625	92.91916	0.169174	13.73278	86.09804	86.09804	0	-9999	4
1731.695	1731.626	1129.126	93.26193	115.5462	93.68631	97.68529	22.9479	14.81307	62.23903	38.41059	23.82844	29.423	4
1731.7	1731.63	1129.13	95.18797	141.895	94.71462	88.92835	21.75692	13.30714	64.93594	39.55147	25.38447	31.16952	4
1731.705	1731.635	1129.135	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1732.005	1731.904	1129.404	114.8483	56.6741	115.4603	110.6289	15.88078	42.7629	41.35632	19.60062	21.75569	28.56876	2
1732.01	1731.909	1129.409	97.93013	73.89812	96.80389	96.18364	40.74932	6.587673	52.66301	29.29301	23.37	31.61946	2
1732.015	1731.913	1129.413	98.94212	138.3317	95.47361	91.39302	42.37788	0	57.62212	27.30869	30.31343	29.61025	2
1732.02	1731.917	1129.417	97.31804	109.8581	95.47361	93.15584	38.17605	4.753238	57.07071	30.08921	26.9815	31.52169	2
1732.025	1731.922	1129.422	92.64168	69.71533	91.71131	86.91253	45.10895	4.952152	49.9389	19.16669	30.77221	32.66353	2
1732.03	1731.926	1129.426	89.58124	33.94185	89.35273	87.86739	51.14231	4.126271	44.73142	23.48147	21.24995	33.10969	2
1732.035	1731.931	1129.431	88.77328	25.16333	88.67535	88.00613	52.99804	3.647621	43.35433	28.14959	15.20474	33.33073	2
1732.04	1731.935	1129.435	94.51875	66.81802	93.07423	93.62102	48.06789	3.058549	48.87357	32.68454	16.18903	32.25084	2
1732.045	1731.939	1129.439	95.93064	92.38098	93.70264	92.16017	46.65464	1.290218	52.05515	19.71386	32.34129	32.40079	2
1732.05	1731.944	1129.444	90.00562	53.77012	90.05459	91.02577	43.80296	6.817287	49.37975	23.40387	25.97588	31.45788	2
1732.055	1731.948	1129.448	91.01761	26.08247	90.99312	91.18899	50.14159	5.209513	44.6489	25.8208	18.8281	32.762	2
1732.06	1731.952	1129.452	91.34405	33.16257	91.14819	91.04209	49.45611	5.122637	45.42126	23.19718	22.22408	32.65898	2
1732.065	1731.957	1129.457	93.51493	37.42529	92.8702	92.98445	49.90603	4.49326	45.60071	15.88146	29.71925	32.75113	2
1732.07	1731.961	1129.461	93.12319	33.44231	92.62536	92.60088	50.09182	4.720656	45.18752	19.75117	25.43635	32.81616	2
1732.075	1731.965	1129.465	95.16349	70.47463	93.49045	91.76844	48.36081	2.38926	49.24993	23.37769	25.87224	32.74691	2
1732.08	1731.97	1129.47	95.42465	71.80673	93.89034	93.84138	46.72294	3.247128	50.02993	30.58497	19.44496	32.1924	2
1732.085	1731.974	1129.474	93.43332	114.9534	91.76844	90.48713	39.12546	4.961651	55.91289	30.87992	25.03297	31.05898	2
1732.09	1731.978	1129.478	91.53992	103.8836	91.27877	93.34354	32.6674	9.715382	57.61721	34.04956	23.56766	29.97873	2
1732.095	1731.983	1129.483	91.53176	57.70647	90.683	90.32391	48.40372	4.044586	47.55169	16.12406	31.42763	32.3415	2
1732.1	1731.987	1129.487	92.64168	38.23786	92.67433	92.50294	45.26309	7.267917	47.46899	30.66334	16.80565	32.05169	2
1732.105	1731.992	1129.492	96.7386	79.22651	95.31855	94.21679	42.83303	4.796703	52.37027	18.27295	34.09732	31.89428	2
1732.11	1731.996	1129.496	96.25709	81.67091	94.45347	92.65801	45.65718	2.785261	51.55756	26.04042	25.51714	32.37754	2
1732.115	1732	1129.5	91.05841	109.7449	89.12421	83.90922	44.65805	2.9553	52.38665	32.78039	19.60625	32.20012	2
1732.12	1732.005	1129.505	86.79012	53.31055	85.64755	82.62791	56.10682	1.04401	42.84917	13.93746	28.9117	33.85457	2
1732.125	1732.009	1129.509	88.6019	82.86314	87.07576	87.63888	50.26097	2.172665	47.56637	24.33083	23.23554	31.97566	2
1732.13	1732.013	1129.513	96.49376	183.7762	94.73095	92.02143	20.41372	9.953509	69.63277	42.56795	27.06483	30.54458	2
1732.135	1732.018	1129.518	92.37236	123.0658	92.01327	90.09539	28.01845	11.01648	60.96507	31.02647	29.9386	30.45776	2
1732.14	1732.022	1129.522	88.17752	88.03834	87.55727	85.44352	42.37834	5.664555	51.9571	33.16746	18.78965	31.42748	2
1732.145	1732.026	1129.526	83.80312	38.46432	83.62358	83.54197	54.98424	2.110626	42.90513	20.08899	22.81615	33.16171	2
1732.15	1732.031	1129.531	85.468	45.72425	84.96201	86.43918	54.22561	2.195899	43.57849	27.85215	15.72634	32.724	2
1732.155	1732.035	1129.535	85.10075	62.50202	84.70085	81.28132	49.68103	3.53448	46.78449	23.08945	23.69504	32.68226	2
1732.16	1732.039	1129.539	89.96482	75.19026	89.20583	89.14054	44.9185	4.966313	50.11519	16.04348	34.07171	31.56275	2
1732.165	1732.044	1129.544	90.94416	127.3086	89.06709	87.81026	40.07001	4.345605	55.58439	21.00807	34.57632	30.81068	2
1732.17	1732.048	1129.548	91.36854	117.491	89.21399	86.40654	44.2059	2.653403	53.1407	35.18772	17.95298	31.65081	2
1732.175	1732.053	1129.553	88.82225	50.39992	89.26295	91.39302	42.6713	7.491866	49.83684	20.83754	28.9993	31.12147	2
1732.18	1732.057	1129.557	90.20965	48.15533	90.40552	91.40934	43.83555	7.170132	48.99432	19.4696	29.52472	31.51295	2
1732.185	1732.061	1129.561	92.42133	58.67224	93.0171	93.4578	36.1565	11.17604	52.66745	33.56718	19.10028	30.83	2
1732.19	1732.066	1129.566	94.17598	39.08375	93.8577	93.98828	46.36654	6.562633	47.07082	22.48728	24.58354	32.19515	2
1732.195	1732.07	1129.57	93.81689	88.96415	92.45398	93.17216	42.72174	4.708042	52.57021	24.88166	27.68856	31.28245	2
1732.2	1732.074	1129.574	91.95614	88.93084	89.94849	88.11223	49.43838	1.409959	49.15166	19.75372	29.39794	32.5128	2
1732.205	1732.079	1129.579	90.51978	31.92372	90.06275	90.80542	52.53822	3.510016	43.95177	14.02708	29.92469	32.99263	2
1732.21	1732.083	1129.583	88.56925	68.40988	86.84724	83.50116	55.30667	0.494946	44.19838	11.24345	32.95493	33.7026	2
1732.215	1732.087	1129.587	87.98981	46.5768	87.3614	86.02296	52.64798	2.764208	44.58782	19.24758	25.34024	33.10808	2
1732.22	1732.092	1129.592	85.35375	50.03359	84.47234	85.20685	56.19733	1.2586	42.54407	11.22485	31.31922	33.12964	2
1732.225	1732.096	1129.596	82.81562	70.81431	80.88958	79.29815	61.59937	0	38.40063	17.18657	21.21407	32.88141	2
1732.23	1732.1	1129.6	83.6399	50.03359	82.81562	82.08111	57.33133	0.940179	41.72849	19.52687	22.20162	33.49565	2
1732.235	1732.105	1129.605	83.20736	60.65707	81.81179	80.11427	59.58583	0	40.41417	23.57586	16.83831	33.81562	2
1732.24	1732.109	1129.609	85.73732	73.49849	84.89672	84.47234	49.84969	3.086863	47.06345	23.51364	23.5498	32.02689	2
1732.245	1732.114	1129.614	85.08443	70.18823	84.0398	83.15839	52.83267	2.037716	45.12962	25.48525	19.64437	32.54955	2
1732.25	1732.118	1129.618	83.40323	29.85231	83.37874	84.96201	56.23452	1.838895	41.92658	31.3907	10.53588	33.18285	2
1732.255	1732.122	1129.622	85.14972	42.07431	84.75798	85.75365	54.51624	2.199482	43.28428	17.2902	25.99408	32.89685	2
1732.26	1732.127	1129.627	86.02296	58.95864	85.0273	86.30861	54.30728	1.69195	44.00077	25.85004	18.15073	32.61486	2
1732.265	1732.131	1129.631	85.91687	60.37067	84.61108	83.52564	56.46664	0.770699	42.76266	30.18404	12.57862	33.39849	2
1732.27	1732.135	1129.635	85.37823	78.73364	83.68887	81.43638	55.49106	0.718303	43.79063	15.47693	28.3137	33.12312	2
1732.275	1732.14	1129.64	90.34023	72.74586	89.82608	87.42669	43.26719	5.947569	50.78524	28.88625	21.89899	31.84794	2
1732.28	1732.144	1129.644	83.96635	33.19587	83.44403	82.39124	58.76551	0.787367	40.44713	19.70139	20.74574	34.1092	2
1732.285	1732.148	1129.648	81.20787	32.7696	80.66107	79.34712	61.59621	0	38.40379	23.52698	14.8768	34.35808	2
1732.29	1732.153	1129.653	80.55497	27.47452	79.61644	78.09846	66.51425	0	33.48575	13.28384	20.20191	33.42813	2
1732.295	1732.157	1129.657	90.95232	141.6286	87.23898	84.83959	50.82811	0	49.17189	24.66396	24.50794	29.89554	2
1732.3	1732.162	1129.662	91.7766	177.6019	87.11656	85.28846	48.70113	0	51.29887	26.46155	24.83731	27.53563	2
1732.305	1732.166	1129.666	84.1867	83.34269	82.51366	81.84444	55.34538	0.878915	43.7757	20.96706	22.80864	32.63545	2
1732.31	1732.17	1129.67	82.79114	93.69975	81.12626	79.98369	54.05964	1.38038	44.55998	19.71875	24.84123	32.22988	2
1732.315	1732.175	1129.675	81.54248	22.19275	81.28132	80.50601	61.63425	0	38.36575	12.70194	25.66381	34.66349	2
1732.32	1732.179	1129.679	85.8271	45.17809	85.14156	85.76181	55.4189	1.703362	42.87774	30.32117	12.55657	33.1123	2
1732.325	1732.183	1129.683	86.59425	98.69512	84.24383	82.35859	54.66483	0.196604	45.13856	13.17125	31.96732	32.71905	2

1732.33	1732.188	1129.688	86.47183	57.62655	85.18236	84.56211	56.49366	0.770573	42.73577	15.5795	27.15626	33.39713	2
1732.335	1732.192	1129.692	85.88422	41.00863	85.25581	85.24765	55.93261	1.626886	42.4405	18.79373	23.64677	33.38182	2
1732.34	1732.196	1129.696	85.49249	24.42401	85.07627	85.26397	58.66201	1.056171	40.28182	28.16089	12.12094	34.07418	2
1732.345	1732.201	1129.701	86.78195	29.47932	86.88805	87.86739	52.20437	3.713937	44.0817	17.20757	26.87412	32.76703	2
1732.35	1732.205	1129.705	88.88754	45.07153	89.10789	89.95665	45.60843	6.296188	48.09538	20.43644	27.65895	31.74714	2
1732.355	1732.209	1129.709	90.75645	47.45598	90.43816	91.05841	47.48644	5.253722	47.25984	25.86077	21.39908	32.07932	2
1732.36	1732.214	1129.714	95.57155	54.0432	94.53508	92.22546	47.02836	4.643891	48.32774	33.10686	15.22088	32.74511	2
1732.365	1732.218	1129.718	87.8021	40.19605	87.55727	89.09157	51.3921	3.651595	44.95631	32.98392	11.97238	32.444	2
1732.37	1732.223	1129.723	85.41088	54.93571	85.01098	86.11274	51.22676	3.138075	45.63516	26.72962	18.90554	32.18819	2
1732.375	1732.227	1129.727	80.70187	53.82341	79.6654	79.98369	60.76165	0	39.23835	24.75477	14.48358	33.55777	2
1732.38	1732.231	1129.731	84.83959	40.08948	84.09693	83.94186	58.00159	0.86336	41.13505	27.59894	13.53611	33.74143	2
1732.385	1732.236	1129.736	80.09795	35.16738	79.71437	80.26117	60.77209	0.110697	39.11721	18.0706	21.04661	33.94744	2
1732.39	1732.24	1129.74	87.01047	49.07448	87.14921	88.69983	46.99911	5.265219	47.73567	28.36414	19.37154	31.68315	4
1732.395	1732.244	1129.744	82.32595	38.33777	81.97502	81.5588	57.7021	1.090974	41.20693	27.39232	13.81461	33.61864	4
1732.4	1732.249	1129.749	78.75951	72.07981	77.63327	76.75186	58.82632	0.546391	40.62729	21.63426	18.99303	33.06052	4
1732.405	1732.253	1129.753	87.11656	150.1407	83.5338	80.42439	51.28509	0	48.71491	18.5104	30.20451	31.56626	4
1732.41	1732.257	1129.757	93.09871	299.4156	88.43867	80.96303	18.00588	4.979056	77.01506	50.12007	26.895	30.18523	4
1732.415	1732.262	1129.762	85.40271	153.1579	82.18721	79.12677	49.28545	1.312527	49.40202	29.10976	20.29226	31.16458	4
1732.42	1732.266	1129.766	81.68938	64.42025	80.62026	77.95972	57.54171	0.757577	41.70071	22.51764	19.18307	33.5132	4
1732.425	1732.27	1129.77	80.32646	34.81437	80.59578	82.99517	55.58736	1.811239	42.6014	28.14574	14.45567	32.69955	4
1732.43	1732.275	1129.775	83.85209	74.19118	84.34176	86.88805	41.10686	6.589845	52.30329	30.22071	22.08258	30.46115	4
1732.435	1732.279	1129.779	82.99517	79.95917	82.36676	81.68938	49.16451	3.333509	47.50198	18.81338	28.6886	31.71703	4
1732.44	1732.284	1129.784	86.13722	79.89922	84.75798	83.02781	52.10725	1.906958	45.98579	27.00428	18.98151	32.52379	4
1732.445	1732.288	1129.788	89.85056	70.79433	89.47514	88.07958	43.11472	6.153729	50.73155	17.50734	33.22421	31.64164	4
1732.45	1732.292	1129.792	91.71947	79.94584	90.45449	90.00562	46.07481	3.844895	50.08029	33.90919	16.1711	31.83976	4
1732.455	1732.297	1129.797	90.77277	148.742	87.97349	86.83908	42.18794	2.236512	55.57555	18.56661	37.00894	30.71961	4
1732.46	1732.301	1129.801	93.34354	190.9362	88.3081	85.92503	46.9421	0	53.0579	29.35381	23.70409	26.0101	4
1732.465	1732.305	1129.805	96.13467	213.4287	92.19282	91.33589	30.4557	1.242004	68.30229	29.44948	38.85281	30.05075	4
1732.47	1732.31	1129.81	101.2354	158.6062	98.69728	94.18415	28.15121	4.693375	67.15541	45.55617	21.59924	31.5308	4
1732.475	1732.314	1129.814	100.5907	201.0069	98.48509	96.68147	15.1312	10.19465	74.67415	46.18735	28.4868	30.90103	4
1732.48	1732.318	1129.818	104.8753	331.7323	99.30937	97.15482	6.37144	0	93.62856	68.2799	25.34866	-9999	4
1732.485	1732.323	1129.823	115.4114	356.6359	109.2742	103.8143	0	0	100	100	0	-9999	4
1732.49	1732.327	1129.827	112.2285	302.3529	108.4907	100.5335	0	2.975262	97.02474	97.02474	0	-9999	4
1732.495	1732.331	1129.831	102.2637	295.6058	97.90564	92.5111	8.155827	2.356789	89.48738	76.87381	12.61357	32.39365	4
1732.5	1732.336	1129.836	95.40016	162.4427	94.02092	87.28795	23.60984	10.13755	66.25262	44.5667	21.68592	31.24727	4
1732.505	1732.34	1129.84	87.94084	57.93293	86.49631	84.3336	56.26976	0.623426	43.10682	30.48179	12.62502	33.74393	4
1732.51	1732.345	1129.845	88.21016	36.94573	87.67152	87.01047	54.08023	2.52795	43.39182	31.83403	11.55779	33.35256	4
1732.515	1732.349	1129.849	82.52182	50.20676	81.1589	79.2247	62.4925	0	37.5075	9.270472	28.23703	33.53275	4
1732.52	1732.353	1129.853	84.83959	39.23694	83.62358	81.5588	61.87636	0	38.12364	16.31006	21.81358	34.00856	2
1732.525	1732.358	1129.858	90.07907	57.12035	89.83424	86.78195	45.2016	5.871794	48.9266	17.53903	31.38757	32.33409	2
1732.53	1732.362	1129.862	90.17701	75.70311	90.15252	90.50345	38.90675	8.087679	53.00557	37.7005	15.30507	30.88469	2
1732.535	1732.366	1129.866	94.19231	133.6627	93.57206	91.36854	25.80364	11.45351	62.74285	40.75124	21.99161	30.49003	2
1732.54	1732.371	1129.871	89.71998	161.2171	89.09973	86.39022	23.25001	11.22323	65.52676	46.95735	18.56941	30.17241	2
1732.545	1732.375	1129.875	87.78578	86.22668	85.95768	81.60777	52.53804	1.189536	46.27243	25.13047	21.14196	33.11555	2
1732.55	1732.379	1129.879	88.44684	59.31831	87.16553	85.23949	54.204	1.420605	44.3754	24.82832	19.54708	33.3479	2
1732.555	1732.384	1129.884	90.27494	36.56608	89.56492	88.3081	53.60074	2.68022	43.71904	31.50642	12.21262	33.48992	2
1732.56	1732.388	1129.888	87.69601	48.24858	87.23082	85.39455	51.24872	3.350743	45.40054	21.82164	23.5789	32.93874	2
1732.565	1732.393	1129.893	86.22699	36.99235	85.30478	84.24383	58.86617	0.507338	40.62649	15.95573	24.67076	34.20629	2
1732.57	1732.397	1129.897	85.8679	31.82381	85.23949	84.4805	58.17035	1.001316	40.82833	20.85287	19.97547	34.06561	2
1732.575	1732.401	1129.901	84.4397	32.03695	83.79496	81.66489	59.55922	0.493906	39.94687	18.03697	21.9099	34.50607	2
1732.58	1732.406	1129.906	80.65291	25.27655	80.14691	78.97986	63.60385	0	36.39615	17.95749	18.43867	34.07718	2
1732.585	1732.41	1129.91	81.06097	35.02085	80.75084	78.88193	59.35233	0.574565	40.0731	11.55864	28.51446	34.17715	2
1732.59	1732.414	1129.914	80.66923	36.21308	80.73452	78.49836	56.51475	1.501477	41.98377	26.65405	15.32973	33.69823	2
1732.595	1732.419	1129.919	86.17803	122.4531	83.71335	82.48917	50.18381	1.422921	48.39326	32.79707	15.5962	31.51717	2
1732.6	1732.423	1129.923	85.04362	34.70781	84.61924	83.32977	56.64953	1.560158	41.79031	11.76031	30.03	33.79094	2
1732.605	1732.427	1129.927	81.42006	76.37582	80.85694	76.49887	50.97479	2.812559	46.21265	30.66061	15.55205	32.59222	2
1732.61	1732.432	1129.932	82.05663	57.66651	80.44072	76.58048	63.07594	0	36.92406	10.60215	26.32191	33.51546	2
1732.615	1732.436	1129.936	80.72636	36.21308	80.2122	79.44505	60.95288	0.032589	39.01453	26.59164	12.42289	34.2413	2
1732.62	1732.44	1129.94	81.63225	45.67097	80.88142	82.37492	59.66488	0.306408	40.02871	23.11766	16.91105	33.46082	2
1732.625	1732.445	1129.945	83.18287	38.53759	82.8401	81.86892	56.80213	1.412721	41.78515	28.74973	13.03542	33.60158	2
1732.63	1732.449	1129.949	81.31396	35.48708	80.96303	80.0653	59.32299	0.577682	40.09932	23.16034	16.93899	33.99774	2
1732.635	1732.454	1129.954	81.0528	45.03822	80.0245	79.82863	62.50156	0	37.49844	22.66932	14.82912	33.49626	2
1732.64	1732.458	1129.958	81.27316	20.50764	80.92223	80.07346	62.98556	0	37.01444	16.20338	20.81106	34.36614	2
1732.645	1732.462	1129.962	83.22368	28.70005	83.06046	82.80746	57.75379	1.284604	40.96161	25.10116	15.86045	33.80086	2
1732.65	1732.467	1129.967	88.61822	62.4554	87.14105	89.75262	54.80513	0.974039	44.22083	13.74161	30.47922	32.58867	2
1732.655	1732.471	1129.971	98.66463	72.46612	97.58736	99.16247	40.04062	7.145416	52.81396	32.83377	19.98019	31.16068	2
1732.66	1732.475	1129.975	98.97476	36.3263	99.30121	98.98292	37.62229	13.78367	48.59404	29.54645	19.04759	31.13939	2
1732.665	1732.48	1129.98	98.49325	29.51262	98.17496	97.24459	44.71087	8.789579	46.49955	14.55801	31.94154	32.2683	2
1732.67	1732.484	1129.984	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1733.005	1732.776	1130.276	97.31804	43.20659	96.64882	95.87351	45.19784	6.829833	47.97233	26.27563	21.69669	32.28083	2
1733.01	1732.781	1130.281	100.0439	85.72049	100.6315	97.38333	22.66134	20.00347	57.33519	37.23922	20.09598	30.69528	2
1733.015	1732.786	1130.286	99.54604	59.92442	98.95844	97.873	38.46987	9.888851	51.64128	18.27164	33.36964	31.46566	2
1733.02	1732.791	1130.291	99.84801	50.35329	99.20327	98.46877	40.95102	9.078901	49.97008	25.18186	24.78822	31.72664	2

1733.025	1732.795	1130.295	97.30172	60.4839	96.99975	97.58736	38.18554	10.11997	51.6945	26.04216	25.65234	31.05602	2
1733.03	1732.8	1130.3	95.78374	89.09069	94.5514	90.86255	39.86964	6.084461	54.0459	24.92148	29.12443	31.89861	2
1733.035	1732.805	1130.305	90.92783	70.82764	90.52794	89.4425	42.30531	6.570873	51.12381	21.22179	29.90203	31.54002	2
1733.04	1732.809	1130.309	91.6705	53.01083	90.99312	91.49096	48.0842	4.525356	47.39045	14.96085	32.4296	32.17664	2
1733.045	1732.814	1130.314	88.07142	42.38069	87.56543	87.45933	52.63961	2.958594	44.40179	32.25384	12.14795	32.92836	2
1733.05	1732.819	1130.319	84.89672	63.26798	83.54197	82.97884	57.08353	0.58609	42.33039	17.43602	24.89437	33.28838	2
1733.055	1732.824	1130.324	82.60343	36.07321	81.68122	81.27316	62.42228	0	37.57772	12.26943	25.30829	33.82775	2
1733.06	1732.828	1130.328	85.88422	33.22252	85.16604	84.66821	58.51259	0.809386	40.67802	23.04186	17.63616	34.0614	2
1733.065	1732.833	1130.333	84.82327	45.23138	83.59093	81.39557	60.56722	0	39.43278	9.496646	29.93613	34.14776	2
1733.07	1732.838	1130.338	83.48484	28.034	82.64424	81.44454	62.92439	0	37.07561	22.736	14.33961	34.15668	2
1733.075	1732.842	1130.342	83.52564	28.8932	82.89723	82.59527	61.03444	0.046115	38.91945	26.68472	12.23472	34.45904	2
1733.08	1732.847	1130.347	84.65189	40.88208	84.23567	82.26066	55.45251	1.862202	42.68529	18.62674	24.05855	33.58948	2
1733.085	1732.852	1130.352	85.62307	48.82804	85.22317	85.07627	52.5096	2.805055	44.68534	26.56955	18.11579	32.70471	2
1733.09	1732.857	1130.357	87.72049	63.06817	87.08392	86.19435	48.96809	3.746297	47.28562	18.16992	29.1157	32.24307	2
1733.095	1732.861	1130.361	91.15635	40.04286	90.91967	90.10356	48.28001	5.308667	46.41132	17.03327	29.37805	32.53582	2
1733.1	1732.866	1130.366	92.99261	65.82561	92.35604	91.20531	43.45043	6.191282	50.35829	17.38275	32.97553	31.81698	2
1733.105	1732.871	1130.371	90.38104	119.276	88.23464	84.74166	44.61918	2.673585	52.70724	31.87453	20.83271	31.7023	2
1733.11	1732.875	1130.375	86.02296	71.9799	84.38257	84.34176	56.15282	0.526532	43.32065	19.18647	24.13418	32.97862	2
1733.115	1732.88	1130.38	84.52131	35.40716	84.26831	85.01098	55.63259	1.950722	42.41669	22.9982	19.41849	33.19433	2
1733.12	1732.885	1130.385	85.3211	43.69947	84.70085	84.24383	55.73625	1.64396	42.61979	11.85044	30.76934	33.353	2
1733.125	1732.89	1130.39	83.81945	49.45413	82.60343	81.5588	60.34234	0	39.65766	9.358023	30.29964	33.89326	2
1733.13	1732.894	1130.394	86.65954	55.99473	86.57792	84.82327	47.35499	4.787716	47.85729	29.16921	18.68808	32.23016	2
1733.135	1732.899	1130.399	85.53329	68.73624	84.37441	81.012	53.65658	1.702645	44.64078	16.96085	27.67993	33.18245	2
1733.14	1732.904	1130.404	81.82812	63.34791	80.79165	78.37594	57.42058	0.80093	41.77849	19.0667	22.71179	33.46983	2
1733.145	1732.908	1130.408	82.2525	40.04286	81.69754	79.99185	58.93827	0.622776	40.43895	10.91063	29.52832	34.0453	2
1733.15	1732.913	1130.413	81.4527	52.6112	80.70187	79.6654	58.15053	0.728189	41.12129	20.85994	20.26135	33.50977	2
1733.155	1732.918	1130.418	83.95819	49.84044	83.72151	83.59909	52.53131	2.764307	44.70438	13.76508	30.9393	32.60375	2
1733.16	1732.923	1130.423	84.92937	50.10019	84.19486	83.54197	55.43316	1.592003	42.97484	27.94168	15.03316	33.2179	2
1733.165	1732.927	1130.427	84.46418	51.63211	84.74982	84.54579	47.58427	4.7132	47.70253	30.72105	16.98149	31.94614	2
1733.17	1732.932	1130.432	84.13773	67.59064	84.06428	85.16604	46.8056	4.528357	48.66605	21.32067	27.34538	31.36288	2
1733.175	1732.937	1130.437	84.83959	79.85926	83.92554	78.56364	49.70554	3.022931	47.27153	27.71605	19.55548	32.76045	2
1733.18	1732.941	1130.441	89.15686	134.8149	88.57741	78.784	29.84116	9.366374	60.79246	33.99622	26.79624	31.67411	2
1733.185	1732.946	1130.446	83.96635	62.27557	82.52998	78.60445	58.81213	0.09037	41.0975	20.22173	20.87578	34.17411	2
1733.19	1732.951	1130.451	84.34992	42.90021	84.28463	84.12957	52.52221	2.972052	44.50573	13.88132	30.62442	32.73272	2
1733.195	1732.956	1130.456	86.30861	37.89818	86.10458	85.5741	53.00595	2.991953	44.0021	18.63834	25.36375	33.03803	2
1733.2	1732.96	1130.46	89.78527	91.54175	89.49963	86.77379	37.45817	7.884572	54.65726	26.69597	27.96129	31.16872	2
1733.205	1732.965	1130.465	89.09973	63.35457	88.59374	89.85872	46.61789	4.801578	48.58053	34.79326	13.78727	31.60073	2
1733.21	1732.97	1130.47	94.60037	112.2159	94.22495	93.80873	28.72087	11.4628	59.81632	27.70988	32.10644	30.33639	2
1733.215	1732.974	1130.474	95.11452	98.57523	93.42516	90.82174	41.73201	4.192207	54.07578	33.31366	20.76212	31.81328	2
1733.22	1732.979	1130.479	93.40883	92.82723	92.95997	92.72329	35.07839	9.113955	55.80766	25.79941	30.00825	30.68349	2
1733.225	1732.984	1130.484	91.8174	103.2309	89.93217	87.66336	45.15666	2.854212	51.98912	36.09739	15.89173	31.84143	2
1733.23	1732.989	1130.489	89.01812	47.94886	88.3081	87.70417	52.00238	2.948385	45.04923	30.57818	14.47105	32.89888	2
1733.235	1732.993	1130.493	92.15201	79.00005	91.98879	93.58838	37.36712	8.814227	53.81865	19.02822	34.79043	30.56177	2
1733.24	1732.998	1130.498	89.1487	86.56637	87.45933	83.41139	50.12671	1.953179	47.92011	29.75509	18.16502	32.79661	2
1733.245	1733.003	1130.503	87.38588	101.7123	85.34559	83.46035	50.8029	1.469723	47.72738	17.06442	30.66296	32.14291	2
1733.25	1733.007	1130.507	93.80873	106.4746	92.79675	92.62536	35.77202	7.540308	56.68768	21.80182	34.88586	30.65584	2
1733.255	1733.012	1130.512	88.78961	98.10234	87.99797	82.71769	40.70797	5.940428	53.35161	25.56836	27.78325	31.76811	2
1733.26	1733.017	1130.517	90.92783	117.3711	89.39353	86.21067	39.83342	5.034009	55.13257	35.43562	19.69695	31.24001	2
1733.265	1733.022	1130.522	92.67433	133.323	90.37287	86.79012	40.31172	3.285097	56.40319	29.61371	26.78948	31.3587	2
1733.27	1733.026	1130.526	90.14436	92.88051	88.81409	85.28846	44.89972	3.974964	51.12532	20.28394	30.84138	32.01377	2
1733.275	1733.031	1130.531	83.75416	56.26115	82.52998	81.04464	58.81835	0.243657	40.93799	13.01935	27.91864	33.80712	2
1733.28	1733.036	1130.536	80.93855	33.2425	80.48152	77.71488	61.0338	0.038125	38.92807	27.11343	11.81464	34.68712	2
1733.285	1733.04	1130.54	84.29279	34.06174	84.54579	85.25581	52.24696	3.34569	44.40734	19.15791	25.24944	32.66013	2
1733.29	1733.045	1130.545	101.7904	188.1188	104.1163	98.88499	0	42.87637	57.12363	57.12363	0	-9999	2
1733.295	1733.05	1130.55	87.51646	79.75269	86.58609	85.52513	47.39511	3.765499	48.83939	33.38262	15.45677	31.84062	2
1733.3	1733.055	1130.555	82.70136	41.10854	82.38308	80.64475	56.4332	1.493309	42.07349	17.88557	24.18793	33.60581	2
1733.305	1733.059	1130.559	82.2525	30.02548	81.90157	81.48535	59.78125	0.506055	39.7127	14.39052	25.32217	34.13681	2
1733.31	1733.064	1130.564	83.8929	49.82711	83.11758	81.19971	56.76904	1.140297	42.09066	15.14519	26.94546	33.62437	2
1733.315	1733.069	1130.569	87.02679	92.9671	85.41088	84.13773	49.96065	2.212332	47.82702	28.86305	18.96397	32.00323	2
1733.32	1733.073	1130.573	81.18338	47.31611	80.39991	79.13493	59.93271	0.217996	39.8493	26.7108	13.1385	33.95789	2
1733.325	1733.078	1130.578	89.26295	106.2348	89.1895	88.17752	32.73851	9.463624	57.79787	37.50295	20.29492	30.43387	2
1733.33	1733.083	1130.583	90.18517	61.3764	89.77711	88.38155	45.33901	5.542693	49.11829	28.36999	20.7483	32.00165	2
1733.335	1733.088	1130.588	86.93702	46.83656	87.48382	86.86357	44.4458	6.549308	49.00489	34.4118	14.59309	31.80464	2
1733.34	1733.092	1130.592	91.1237	127.4684	90.98496	87.37772	26.39407	11.61663	61.9893	37.18921	24.8001	30.66678	2
1733.345	1733.097	1130.597	90.78093	63.15475	90.18517	89.72814	45.81528	5.160483	49.02424	35.37533	13.64891	31.89962	2
1733.35	1733.102	1130.602	91.14819	76.2959	90.95232	87.68785	39.19804	7.928063	52.8739	21.84288	31.03102	31.5987	2
1733.355	1733.106	1130.606	88.76512	84.73474	88.67535	89.10789	38.52602	7.696185	53.77779	32.00746	21.77033	30.69126	2
1733.36	1733.111	1130.611	86.88805	50.24673	86.54528	85.76997	50.55975	3.589419	45.85083	31.9243	13.92653	32.56778	2
1733.365	1733.116	1130.616	97.13033	190.2835	98.97476	105.2915	0	31.93317	68.06683	68.06683	0	-9999	2
1733.37	1733.121	1130.621	84.00715	46.6767	83.6399	84.59476	54.26387	2.175053	43.56108	12.83339	30.72769	32.72499	2
1733.375	1733.125	1130.625	80.85694	56.24783	80.00001	78.92274	58.64081	0.555136	40.80406	23.95915	16.8449	33.50004	2
1733.38	1733.13	1130.63	83.52564	62.60193	82.21169	79.91024	58.18986	0.369303	41.44084	16.753	24.68784	33.71805	2
1733.385	1733.135	1130.635	79.46137	49.92702	77.94339	76.27851	66.57754	0	33.42246	13.9422	19.48026	32.88257	2

1733.39	1733.139	1130.639	84.89672	36.2264	84.30912	84.01531	57.68217	1.100375	41.21746	18.64407	22.57339	33.76072	2
1733.395	1733.144	1130.644	87.68785	49.04118	87.37772	86.34125	49.86269	3.960724	46.17659	18.4009	27.77569	32.56697	2
1733.4	1733.149	1130.649	82.8401	47.44266	82.24434	78.76767	56.92317	1.184248	41.89258	15.10076	26.79183	33.91399	2
1733.405	1733.154	1130.654	81.64041	47.69576	81.28132	76.58048	56.13141	1.481696	42.38689	14.093	28.29389	33.93149	2
1733.41	1733.158	1130.658	78.77584	36.2264	78.06581	75.82965	64.26212	0	35.73788	25.46407	10.27381	33.77131	2
1733.415	1733.163	1130.663	83.80312	71.26057	83.15023	78.00052	50.716	2.919207	46.36479	22.11877	24.24602	32.92494	2
1733.42	1733.168	1130.668	81.72202	59.7579	81.09361	83.06862	55.22451	1.603814	43.17167	31.08027	12.09141	32.345	2
1733.425	1733.172	1130.672	80.88142	54.88909	79.77966	79.69805	60.84457	0	39.15543	10.28837	28.86706	33.56086	2
1733.43	1733.177	1130.677	79.13493	53.61027	77.60879	75.73171	66.04977	0	33.95023	10.5082	23.44203	32.95772	2
1733.435	1733.182	1130.682	83.63174	65.406	82.48101	80.9059	56.14868	1.041804	42.80952	18.75955	24.04997	33.18215	2
1733.44	1733.187	1130.687	80.69371	59.92442	80.28565	76.76818	54.42253	1.892982	43.68448	24.49726	19.18722	33.16981	2
1733.445	1733.191	1130.691	79.42873	48.36847	78.45755	76.67841	62.74705	0	37.25295	21.58824	15.66471	33.68139	2
1733.45	1733.196	1130.696	77.05383	38.25785	77.78833	76.8498	54.15966	1.949126	43.89122	30.87735	13.01387	32.88332	2
1733.455	1733.201	1130.701	77.41292	44.62527	78.19639	78.56364	51.90888	2.624383	45.46674	13.72947	31.73727	32.22425	2
1733.46	1733.205	1130.705	87.4022	124.9774	86.24332	84.40705	38.32682	5.994843	55.67834	30.80731	24.87103	30.53169	2
1733.465	1733.21	1130.71	78.77584	58.21933	78.73503	79.72253	53.7534	2.099207	44.14739	25.73416	18.41323	32.16485	2
1733.47	1733.215	1130.715	78.62893	44.99826	79.17573	80.41623	52.53411	2.554194	44.9117	32.01499	12.89671	32.18966	2
1733.475	1733.22	1130.72	81.46903	57.67317	80.22036	78.03317	60.76871	0	39.23129	22.89879	16.33249	33.83986	2
1733.48	1733.224	1130.724	81.96686	60.75032	80.00001	78.15559	65.13196	0	34.86804	15.47415	19.39389	32.56233	2
1733.485	1733.229	1130.729	78.89825	32.52317	78.00052	76.16426	66.50041	0	33.49959	14.7403	18.7593	33.37318	2
1733.49	1733.234	1130.734	82.97884	33.41567	82.15456	79.73069	61.96104	0	38.03896	10.45399	27.58497	34.4295	2
1733.495	1733.238	1130.738	81.73018	54.4828	80.36727	77.88627	62.186	0	37.814	11.79978	26.01421	33.62248	2
1733.5	1733.243	1130.743	80.04082	33.42233	79.13493	77.26602	65.2949	0	34.7051	10.33589	24.36921	33.5665	2
1733.505	1733.248	1130.748	80.54681	29.51929	80.00001	80.08979	62.99096	0	37.00904	17.6227	19.38634	33.83811	2
1733.51	1733.253	1130.753	85.67203	62.69518	85.0273	82.16273	51.00618	2.965728	46.02809	27.42842	18.59967	32.78183	2
1733.515	1733.257	1130.757	82.77481	71.49368	81.49351	82.06479	56.47582	0.904901	42.61928	22.97888	19.6404	32.67727	2
1733.52	1733.262	1130.762	80.89774	23.1452	80.77532	80.2122	60.92168	0.209189	38.86913	27.27294	11.59619	34.43341	2
1733.525	1733.267	1130.767	84.85592	69.42227	83.48484	80.53865	55.75823	0.943998	43.29778	20.77271	22.52506	33.39155	2
1733.53	1733.271	1130.771	81.90157	53.96328	80.759	78.49836	60.44633	0	39.55367	8.428475	31.1252	34.0403	2
1733.535	1733.276	1130.776	79.99185	27.30134	80.0653	78.6779	59.23133	0.685436	40.08323	24.37511	15.70813	34.14106	2
1733.54	1733.281	1130.781	80.80797	21.89303	80.72636	79.48586	60.99105	0.200835	38.80812	22.34413	16.46399	34.58968	2
1733.545	1733.286	1130.786	82.83194	33.93519	82.56262	82.35859	57.66952	1.192435	41.13805	27.54943	13.58861	33.66457	2
1733.55	1733.29	1130.79	84.49682	38.75738	85.16604	85.468	47.6972	5.091946	47.21085	27.74789	19.46296	32.05065	2
1733.555	1733.295	1130.795	81.08545	37.23213	81.24867	79.6654	55.12623	1.979269	42.8945	20.23929	22.65521	33.34353	2
1733.56	1733.3	1130.8	79.81231	41.35497	79.46137	76.39277	59.28449	0.526578	40.18893	18.89509	21.29385	34.1934	2
1733.565	1733.304	1130.804	82.16273	29.99218	81.77915	79.39609	60.1249	0.385295	39.48981	9.924953	29.56486	34.56053	2
1733.57	1733.309	1130.809	80.08979	26.45546	79.61644	78.6779	63.58363	0	36.41637	15.98993	20.42644	33.97433	2
1733.575	1733.314	1130.814	80.759	35.22732	80.14691	78.44123	61.92039	0	38.07961	19.2593	18.82031	34.24253	2
1733.58	1733.319	1130.819	79.68173	28.61346	79.16757	77.53534	63.75305	0	36.24695	21.1495	15.09745	33.98543	2
1733.585	1733.323	1130.823	80.59578	21.8131	80.49784	80.59578	61.3321	0.082535	38.58536	23.09572	15.48964	34.40093	2
1733.59	1733.328	1130.828	80.25301	15.94521	80.29381	80.69371	61.99225	0	38.00775	9.14992	28.85784	34.46399	2
1733.595	1733.333	1130.833	79.60828	21.60662	79.57563	80.11427	61.78458	0	38.21542	9.277105	28.93832	34.23858	2
1733.6	1733.337	1130.837	80.77532	34.81437	80.34278	81.12626	60.61383	0.159511	39.22666	18.06839	21.15827	33.90867	2
1733.605	1733.342	1130.842	82.80746	49.49409	82.43204	83.57461	54.74903	1.933159	43.31781	18.74461	24.5732	32.65743	2
1733.61	1733.347	1130.847	83.18287	109.2387	81.00384	78.6779	53.92352	1.117311	44.95917	21.60886	23.3503	32.17934	2
1733.615	1733.352	1130.852	82.56262	25.73613	82.26882	82.24434	60.09121	0.477912	39.43087	13.94138	25.48949	34.21112	2
1733.62	1733.356	1130.856	79.84495	28.6734	79.3308	78.96354	63.58838	0	36.41162	11.07936	25.33226	33.79101	2
1733.625	1733.361	1130.861	82.52182	45.99067	82.2525	81.47719	55.03741	1.899985	43.06261	21.61927	21.44334	33.10086	2
1733.63	1733.366	1130.866	86.04745	60.37733	85.8271	84.82327	47.93276	4.345121	47.72212	18.34327	29.37885	32.07427	2
1733.635	1733.37	1130.87	83.60725	33.66877	83.81128	84.54579	53.35225	2.865674	43.78207	12.82422	30.95785	32.80154	2
1733.64	1733.375	1130.875	84.80695	35.86007	84.90488	86.60241	52.54048	3.20413	44.25539	17.97192	26.28347	32.51349	2
1733.645	1733.38	1130.88	83.40323	34.72779	83.39506	83.61542	54.92816	2.216443	42.8554	27.57861	15.27679	33.12456	2
1733.65	1733.385	1130.885	85.16604	56.18122	85.4272	88.43867	46.02741	5.26932	48.70327	26.42468	22.27858	31.12873	2
1733.655	1733.389	1130.889	88.3081	46.37698	87.68785	89.10789	52.34026	2.902994	44.75675	17.78233	26.97442	32.55664	2
1733.66	1733.394	1130.894	89.07525	69.61543	88.59374	93.15584	44.93554	5.30799	49.75647	32.62402	17.13245	30.71228	2
1733.665	1733.399	1130.899	90.25046	73.98471	88.62638	85.63123	51.65186	1.588124	46.76001	29.15893	17.60109	33.07132	2
1733.67	1733.403	1130.903	93.62919	106.5412	91.2706	86.23516	46.35719	1.337218	52.30559	25.14515	27.16045	32.65253	2
1733.675	1733.408	1130.908	87.33691	37.79827	86.25148	84.56211	58.91499	0.343287	40.74172	29.12826	11.61346	34.38444	2
1733.68	1733.413	1130.913	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1734.01	1733.724	1131.224	87.7613	65.53255	86.80644	85.19869	50.80088	2.797965	46.40115	27.00638	19.39478	32.60235	2
1734.015	1733.729	1131.229	90.10356	63.56104	89.09157	88.25097	49.56585	3.231016	47.20313	15.48519	31.71794	32.44668	2
1734.02	1733.733	1131.233	89.65469	67.03116	88.87122	89.09157	47.36806	4.19849	48.43345	28.79683	19.63661	31.87435	2
1734.025	1733.738	1131.238	92.64984	154.0238	89.87504	88.96099	38.9931	2.712829	58.29407	28.54567	29.7484	30.54672	2
1734.03	1733.743	1131.243	105.4792	151.293	105.2507	102.3617	8.117187	23.98954	67.89327	53.59069	14.30259	31.17268	2
1734.035	1733.748	1131.248	91.97247	110.5841	91.36854	91.07474	33.30442	8.872041	57.82354	41.32131	16.50223	30.39276	2
1734.04	1733.752	1131.252	101.9862	156.0286	103.3328	105.0956	0	33.00869	66.99131	66.99131	0	-9999	2
1734.045	1733.757	1131.257	111.6409	113.5613	112.8977	115.0033	0.068147	47.88484	52.04701	52.04701	0	-9999	2
1734.05	1733.762	1131.262	95.75109	84.13529	95.31855	92.85387	34.90046	9.963038	55.1365	22.68787	32.44863	31.20301	2
1734.055	1733.766	1131.266	88.98547	55.99473	88.27545	87.07576	50.08532	3.478904	46.43578	16.20136	30.23441	32.60778	2
1734.06	1733.771	1131.271	91.49912	81.97063	89.81791	88.6427	49.01325	2.188907	48.79785	26.08698	22.71086	32.33919	2
1734.065	1733.776	1131.276	89.83424	47.22286	90.05459	90.87071	44.21684	6.986913	48.79625	29.89021	18.90604	31.57626	2
1734.07	1733.781	1131.281	92.52743	69.45557	91.58889	90.48713	45.34017	4.851127	49.8087	17.40789	32.40082	31.99065	2
1734.075	1733.785	1131.285	100.3703	169.8558	97.58736	92.05408	28.12217	3.881178	67.99665	47.26967	20.72698	31.60609	2

1734.08	1733.79	1131.29	103.6021	164.3809	102.1331	97.60368	16.2907	13.22278	70.48652	39.78023	30.70629	31.45611	2
1734.085	1733.795	1131.295	98.61567	143.2604	97.22011	93.4578	25.42016	9.997012	64.58282	34.63664	29.94618	30.98771	2
1734.09	1733.799	1131.299	92.83755	57.46003	91.93982	90.936	47.64153	4.354574	48.00389	22.48963	25.51426	32.4068	2
1734.095	1733.804	1131.304	98.37083	85.74047	97.0324	94.64933	39.1225	6.348122	54.52938	32.00304	22.52633	31.74647	2
1734.1	1733.809	1131.309	93.55574	100.2071	92.03776	89.10789	41.44296	4.667819	53.88922	19.7435	34.14572	31.69727	2
1734.105	1733.814	1131.314	89.86688	73.83152	88.41419	86.55344	50.71359	2.141864	47.14454	25.38324	21.7613	32.68088	2
1734.11	1733.818	1131.318	88.69983	87.01928	86.94518	84.4397	50.93606	1.660609	47.40333	20.6789	26.72444	32.58226	2
1734.115	1733.823	1131.323	90.5769	53.87669	90.18517	89.20583	46.66705	5.290429	48.04252	22.00968	26.03284	32.18004	2
1734.12	1733.828	1131.328	109.772	44.11908	109.6414	109.519	29.34493	23.04684	47.60823	19.57236	28.03587	29.79948	2
1734.125	1733.832	1131.332	107.9929	68.73624	108.8988	109.2578	16.99174	33.05613	49.95213	40.84306	9.109068	28.99183	2
1734.13	1733.837	1131.337	93.44148	84.82798	93.72712	94.50243	31.29175	12.18191	56.52634	27.40737	29.11898	30.31433	2
1734.135	1733.842	1131.342	89.37721	52.35144	89.46698	89.54859	44.40818	6.539464	49.05236	19.44379	29.60856	31.66997	2
1734.14	1733.847	1131.347	88.52029	40.29596	88.08774	87.74497	52.16192	3.276976	44.5611	32.98773	11.57337	32.93148	2
1734.145	1733.851	1131.351	88.03062	45.11815	87.50014	87.74497	52.20444	3.037538	44.75802	20.72204	24.03598	32.74815	2
1734.15	1733.856	1131.356	90.78909	72.98563	91.31957	92.63352	34.70031	10.66111	54.63858	35.37908	19.25949	30.43742	2
1734.155	1733.861	1131.361	91.90718	101.3593	89.8424	86.92886	46.91848	2.006025	51.07549	30.38039	20.6951	32.20741	2
1734.16	1733.865	1131.365	95.23694	136.2736	93.04158	87.79394	36.41783	4.305748	59.27642	38.95825	20.31817	31.56669	2
1734.165	1733.87	1131.37	97.18746	59.36493	97.2854	98.01174	35.46223	12.31926	52.2185	27.582	24.6365	30.73173	2
1734.17	1733.875	1131.375	96.10202	106.5945	95.93064	90.78909	27.11851	13.13856	59.74293	39.06458	20.67835	31.21279	2
1734.175	1733.88	1131.38	98.13416	92.76062	96.8855	93.28642	36.94562	7.243462	55.81091	25.1828	30.62811	31.7054	2
1734.18	1733.884	1131.384	92.24995	88.12492	91.09106	87.58175	42.7852	5.032028	52.18277	27.12083	25.06195	31.95248	2
1734.185	1733.889	1131.389	95.17165	111.8696	95.01659	95.89799	26.57138	12.94748	60.48113	35.18767	25.29347	30.04884	2
1734.19	1733.894	1131.394	96.51008	153.2179	93.8577	91.60521	34.68797	3.337289	61.97474	32.95132	29.02341	30.93308	2
1734.195	1733.898	1131.398	91.24612	81.99061	90.42184	89.77711	42.60001	5.671457	51.72854	17.56365	34.16488	31.39535	2
1734.2	1733.903	1131.403	93.6047	72.39951	93.04974	92.35604	40.66394	7.329915	52.00615	21.01018	30.99597	31.38676	2
1734.205	1733.908	1131.408	98.77073	57.77974	98.15864	96.35502	39.89192	9.065475	51.04261	22.49299	28.54961	31.74335	2
1734.21	1733.913	1131.413	102.027	156.3416	102.2556	103.0472	6.529466	24.3234	69.14713	60.31343	8.833703	-9999	2
1734.215	1733.917	1131.417	100.2887	142.7276	99.57053	101.0314	18.76023	15.12833	66.11144	38.06547	28.04597	30.02889	2
1734.22	1733.922	1131.422	93.14768	90.5227	91.50728	88.02245	45.11073	3.347821	51.54145	33.70124	17.84022	32.27756	2
1734.225	1733.927	1131.427	89.63021	65.89887	88.85489	88.18568	47.60135	4.14451	48.25414	20.70307	27.55107	32.07924	2
1734.23	1733.931	1131.431	91.6705	53.73682	91.82556	91.9235	41.45709	8.265207	50.2777	17.19614	33.08156	31.38725	2
1734.235	1733.936	1131.436	92.94365	63.06817	92.82123	93.31906	40.17809	8.396351	51.42556	30.95053	20.47503	31.14807	2
1734.24	1733.941	1131.441	93.53941	57.57326	93.26193	92.7641	42.16148	7.635379	50.20314	17.76179	32.44135	31.60492	2
1734.245	1733.946	1131.446	91.80108	38.94388	91.2706	90.05459	50.22978	4.27885	45.49137	33.21392	12.27745	32.94278	2
1734.25	1733.95	1131.45	89.37721	51.76532	88.65903	86.74115	50.81169	3.31417	45.87414	21.70295	24.17119	32.91941	2
1734.255	1733.955	1131.455	89.40985	77.51477	88.18568	86.03929	48.47173	3.131327	48.39694	30.21572	18.18122	32.32765	2
1734.26	1733.96	1131.46	85.65571	74.97046	83.95819	83.04413	56.20972	0.486909	43.30337	21.51777	21.78561	33.06535	2
1734.265	1733.964	1131.464	86.67586	83.18284	84.7743	81.69754	54.86502	0.568061	44.56692	21.52118	23.04574	33.19516	2
1734.27	1733.969	1131.469	84.11325	71.20728	82.5055	79.1186	57.84373	0.233002	41.92326	22.90686	19.0164	33.75022	2
1734.275	1733.974	1131.474	82.37492	40.92204	82.03215	80.16324	56.96841	1.303989	41.7276	28.88709	12.84052	33.70062	2
1734.28	1733.979	1131.479	83.95819	80.07239	82.49733	81.29764	54.70255	1.22051	44.07694	21.40489	22.67205	32.64834	2
1734.285	1733.983	1131.483	82.88907	63.64763	82.23618	81.65673	53.39926	2.132415	44.46832	31.21321	13.25511	32.52892	2
1734.29	1733.988	1131.488	88.13671	50.72628	88.16936	89.68734	46.38547	5.55217	48.06236	31.25765	16.80471	31.61762	2
1734.295	1733.993	1131.493	85.10891	57.8197	84.88856	84.0398	49.41516	3.793377	46.79146	30.59274	16.19872	32.22396	2
1734.3	1733.997	1131.497	89.63837	99.72083	89.30376	87.75313	35.99347	8.169995	55.83653	37.55917	18.27736	30.75972	2
1734.305	1734.002	1131.502	89.67917	49.86042	90.25862	92.83755	40.93825	8.563408	50.49834	24.801	25.69734	30.87003	2
1734.31	1734.007	1131.507	88.69983	45.75756	89.40169	91.23796	41.8834	8.145171	49.97143	32.40829	17.56315	31.12459	2
1734.315	1734.012	1131.512	95.3512	83.46924	95.47361	93.71896	31.12861	12.64826	56.22314	27.14423	29.07891	30.8029	2
1734.32	1734.016	1131.516	90.18517	85.3475	91.50728	91.49912	26.12919	14.54501	59.32581	41.88924	17.43657	30.32808	2
1734.325	1734.021	1131.521	84.85592	63.0282	86.02296	86.52896	37.6351	8.585215	53.77968	22.38417	31.39552	30.78072	2
1734.33	1734.026	1131.526	82.75849	63.48778	82.9462	81.06913	47.04341	4.473998	48.48259	18.33576	30.14683	31.93334	2
1734.335	1734.03	1131.53	82.57078	53.90999	82.22802	82.32595	53.64512	2.245056	44.10982	28.43743	15.67239	32.58483	2
1734.34	1734.035	1131.535	81.20787	61.33644	80.24485	78.72687	57.90874	0.712977	41.37828	29.76291	11.61537	33.37374	2
1734.345	1734.04	1131.54	81.9587	46.68336	81.29764	78.89009	58.42381	0.700225	40.87597	11.47554	29.40043	33.93798	2
1734.35	1734.045	1131.545	80.79981	43.38642	81.06097	80.83245	53.14069	2.546977	44.31233	30.47385	13.83848	32.66261	2
1734.355	1734.049	1131.549	83.33794	118.6166	80.39175	77.51901	57.45682	0	42.54318	11.88377	30.65941	32.3719	2
1734.36	1734.054	1131.554	90.05459	230	86.65138	84.29279	27.86468	5.571696	66.56362	42.22953	24.3341	29.22189	2
1734.365	1734.059	1131.559	101.3252	111.7297	102.5249	101.7822	10.44462	27.88809	61.66729	56.55337	5.113926	30.37365	2
1734.37	1734.063	1131.563	103.7572	65.96548	104.0837	104.6305	26.04975	21.00646	52.94379	20.75045	32.19334	29.89047	2
1734.375	1734.068	1131.568	95.80822	57.79972	95.645	95.77558	39.13389	9.686288	51.17983	23.38092	27.7989	31.20303	2
1734.38	1734.073	1131.573	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1734.385	1734.078	1131.578	102.884	86.00689	105.4874	104.6468	4.356603	40.59935	55.04405	49.80302	5.241033	-9999	2
1734.39	1734.082	1131.582	107.0298	67.39748	107.1033	106.7116	24.65311	22.99432	52.35257	29.19064	23.16192	29.84603	2
1734.395	1734.087	1131.587	98.65647	130.4856	98.4198	98.26474	19.49275	16.23919	64.26807	40.32008	23.94799	30.24175	2
1734.4	1734.092	1131.592	88.14487	142.8142	86.02296	83.84393	40.79046	4.067865	55.14167	34.7649	20.37677	30.57905	2
1734.405	1734.096	1131.596	86.22699	131.5313	83.41139	77.57614	50.66154	0.986323	48.35213	31.0775	17.27463	32.28172	2
1734.41	1734.101	1131.601	81.92605	143.6734	79.4777	75.93574	48.83382	2.673473	48.49271	32.78716	15.70555	30.98828	2
1734.415	1734.106	1131.606	80.93039	68.81617	80.51417	78.11478	52.11624	2.541802	45.34196	30.98599	14.35597	32.47465	2
1734.42	1734.111	1131.611	88.65086	118.6499	87.10024	84.66821	41.74526	4.511939	53.7428	27.03626	26.70654	31.06386	2
1734.425	1734.115	1131.615	88.78961	54.18973	88.6019	86.92069	46.65438	5.26837	48.07725	15.84644	32.23081	32.22695	2
1734.43	1734.12	1131.62	89.24663	81.83742	88.47132	88.25913	44.09711	5.074162	50.82873	18.81179	32.01693	31.36534	2
1734.435	1734.125	1131.625	91.60521	71.86667	91.18083	93.0579	41.62043	6.870885	51.50869	25.45775	26.05094	30.92917	2
1734.44	1734.129	1131.629	90.04643	49.22101	90.43816	91.01761	42.20984	7.968358	49.8218	17.32488	32.49692	31.37891	2

1734.445	1734.134	1131.634	91.10738	50.49316	91.36854	92.51927	41.93789	8.163553	49.89856	18.91284	30.98572	31.2555	2
1734.45	1734.139	1131.639	91.40118	40.1361	91.04209	90.09539	48.98094	4.911101	46.10796	17.78444	28.32352	32.66442	2
1734.455	1734.144	1131.644	88.31626	67.99027	88.52029	87.97349	40.71417	7.463638	51.82219	21.57803	30.24416	31.20798	2
1734.46	1734.148	1131.648	92.02143	95.6646	91.05841	86.17803	39.65285	6.309585	54.03757	30.27835	23.75922	31.80638	2
1734.465	1734.153	1131.653	93.33538	163.8081	89.85056	87.91636	41.49729	0.420166	58.08255	21.99495	36.0876	30.94912	2
1734.47	1734.158	1131.658	90.96864	142.1348	88.77328	85.70468	38.92625	4.104227	56.96953	38.61556	18.35396	30.87773	2
1734.475	1734.162	1131.662	88.61822	61.20323	88.19384	88.75696	46.94901	4.761024	48.28996	30.47441	17.81555	31.76322	2
1734.48	1734.167	1131.667	87.10024	56.22784	86.14538	85.87606	53.66079	1.962646	44.37656	24.39546	19.9811	32.8832	2
1734.485	1734.172	1131.672	86.16987	52.09834	85.30478	84.52947	54.82034	1.696235	43.48343	22.3743	21.10913	33.17096	2
1734.49	1734.177	1131.677	85.721	31.13778	85.99032	84.29279	51.51411	3.87313	44.61276	31.49112	13.12164	33.0774	2
1734.495	1734.181	1131.681	85.19052	29.03973	85.0273	84.45602	55.86209	2.066811	42.0711	23.92306	18.14804	33.59168	2
1734.5	1734.186	1131.686	87.0676	43.81935	86.3739	85.50881	54.66971	2.009284	43.32101	12.48834	30.83267	33.32837	2
1734.505	1734.191	1131.691	86.39838	60.55716	86.93702	89.1895	41.68421	7.143908	51.17188	21.70178	29.4701	30.8101	2
1734.51	1734.195	1131.695	89.5894	67.07778	90.72381	91.63786	32.5533	12.01127	55.43543	34.88073	20.5547	30.44487	2
1734.515	1734.2	1131.7	88.52845	39.55664	88.17752	87.45933	51.70084	3.537772	44.76139	19.63982	25.12157	32.93178	2
1734.52	1734.205	1131.705	89.80159	53.86337	89.94033	90.27494	43.27236	7.079018	49.64862	32.83851	16.81011	31.48884	2
1734.525	1734.21	1131.71	88.33258	61.72941	87.59807	87.14921	49.48793	3.528945	46.98312	32.18163	14.80149	32.27363	2
1734.53	1734.214	1131.714	95.13084	66.45835	94.21679	94.38818	43.48061	5.90847	50.61092	35.39054	15.22038	31.67109	2
1734.535	1734.219	1131.719	90.49529	114.1008	89.40169	86.25964	37.60732	6.451804	55.94088	21.55381	34.38706	31.05287	2
1734.54	1734.224	1131.724	100.101	89.25055	99.43179	97.95461	31.49488	11.7164	56.78872	33.38596	23.40276	30.8922	2
1734.545	1734.228	1131.728	93.62919	68.86945	92.63352	94.13518	44.91114	5.004209	50.08465	16.74954	33.33512	31.518	2
1734.55	1734.233	1131.733	95.50626	58.65892	94.56772	93.27825	45.21244	5.433353	49.35421	26.06651	23.2877	32.23787	2
1734.555	1734.238	1131.738	90.5769	71.62689	89.4425	86.49631	48.12717	3.44828	48.42455	24.8401	23.58444	32.56776	2
1734.56	1734.243	1131.743	91.79292	121.4007	90.45449	88.03878	36.5444	6.355797	57.0998	22.385	34.7148	30.86442	2
1734.565	1734.247	1131.747	100.305	125.5902	98.98292	96.86917	27.57291	10.01287	62.41422	33.2684	29.14582	30.86318	2
1734.57	1734.252	1131.752	107.5603	211.8635	106.5483	101.4966	0	22.91458	77.08542	77.08542	0	-9999	2
1734.575	1734.257	1131.757	130.428	252.0462	132.8192	135.6429	0	100	0	0	0	-9999	2
1734.58	1734.261	1131.761	139.1686	107.094	140.0418	138.7034	0	100	0	0	0	-9999	2
1734.585	1734.266	1131.766	142.8003	57.95957	142.8656	142.0495	0	100	0	0	0	-9999	2
1734.59	1734.271	1131.771	123.6868	93.99281	124.0459	125.6129	0.678904	65.59355	33.72755	33.72755	0	-9999	2
1734.595	1734.276	1131.776	93.40883	142.9008	92.39685	89.61388	27.32478	9.833714	62.84151	37.79429	25.04722	30.49942	2
1734.6	1734.28	1131.78	89.50779	96.76358	88.07142	86.93702	45.3679	3.659207	50.97289	31.04631	19.92658	31.52544	2
1734.605	1734.285	1131.785	92.85387	146.1111	91.50728	90.05459	29.65165	8.323047	62.0253	40.1917	21.8336	30.23723	2
1734.61	1734.29	1131.79	91.80924	92.06127	91.05025	89.15686	39.13884	6.867434	53.99373	21.76535	32.22837	31.22603	2
1734.615	1734.294	1131.794	87.60623	79.78599	87.49198	86.59425	40.97954	6.711194	52.30926	32.55214	19.75713	31.13115	2
1734.62	1734.299	1131.799	91.45831	143.6135	91.36854	86.40654	21.79964	13.1086	65.09177	41.7415	23.35026	30.85314	2
1734.625	1734.304	1131.804	87.5083	92.16784	86.52896	81.33029	44.77765	4.430623	50.79173	24.7347	26.05703	32.12727	2
1734.63	1734.309	1131.809	81.64041	56.28779	81.34661	79.31447	53.54615	2.236387	44.21747	23.79509	20.42238	32.87017	2
1734.635	1734.313	1131.813	84.56211	66.95123	84.2275	85.32926	48.59387	3.842209	47.56392	20.39036	27.17356	31.59293	2
1734.64	1734.318	1131.818	89.06709	90.14971	87.58175	87.01047	47.7534	2.921519	49.32508	34.54422	14.78086	31.76242	2
1734.645	1734.323	1131.823	90.46265	161.8565	87.79394	83.95819	38.28756	3.600322	58.11212	31.15793	26.95419	30.69466	2
1734.65	1734.327	1131.827	93.64551	126.8557	92.64984	93.00077	30.86346	8.925101	60.21144	42.39056	17.82089	30.13306	2
1734.655	1734.332	1131.832	88.90386	58.79213	88.56925	88.32442	46.57397	5.066951	48.35908	19.51866	28.84042	31.9034	2
1734.66	1734.337	1131.837	85.59858	74.77064	84.4805	83.99083	51.81994	2.254331	45.92573	16.78332	29.1424	32.27119	2
1734.665	1734.342	1131.842	84.93753	65.89887	84.45602	83.79496	49.64165	3.448217	46.91014	22.77325	24.13688	32.08869	2
1734.67	1734.346	1131.846	86.2678	70.44133	85.94951	85.01098	46.05354	4.784787	49.16167	33.19379	15.96788	31.70153	2
1734.675	1734.351	1131.851	87.2145	68.15678	86.67586	83.86025	47.44317	4.244524	48.31231	24.93398	23.37833	32.29252	2
1734.68	1734.356	1131.856	86.29228	51.66541	85.8271	84.67637	51.71327	3.032772	45.25396	16.45424	28.79971	32.74958	2
1734.685	1734.36	1131.86	84.6274	35.05415	84.70085	84.83143	53.09044	2.993568	43.91599	18.31731	25.59868	32.88429	2
1734.69	1734.365	1131.865	83.47668	34.58792	83.24816	82.70952	56.60216	1.582783	41.81506	16.00301	25.81205	33.54819	2
1734.695	1734.37	1131.87	88.82225	33.47562	88.10407	87.07576	55.74836	1.865608	42.38603	14.54661	27.83942	33.77977	2
1734.7	1734.375	1131.875	93.49861	146.1578	92.96813	90.90335	22.7223	12.37062	64.90708	36.74082	28.16627	30.35508	2
1734.705	1734.379	1131.879	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1735	1734.658	1132.158	96.97527	78.50718	96.26525	95.8327	37.28669	8.779323	53.93399	35.54015	18.39384	31.10111	-9999
1735.005	1734.662	1132.162	93.40067	125.5369	92.85387	92.45398	27.92915	10.84958	61.22127	32.35649	28.86478	30.17894	-9999
1735.01	1734.667	1132.167	92.83755	147.1169	91.49912	91.68682	29.36003	8.422001	62.21797	31.83442	30.38355	29.91503	-9999
1735.015	1734.672	1132.172	95.53074	169.6626	93.87402	90.74013	23.89294	9.270649	66.83641	32.07293	34.76348	30.53683	-9999
1735.02	1734.676	1132.176	92.59272	175.1176	90.05459	85.49249	32.10674	5.110537	62.78272	28.19606	34.58667	30.60367	-9999
1735.025	1734.681	1132.181	89.06709	172.5466	86.20251	84.45602	38.50245	3.603789	57.89376	25.28221	32.61154	30.02829	-9999
1735.03	1734.686	1132.186	86.54528	75.0304	86.2678	87.01047	44.37146	5.346491	50.28205	30.89442	19.38763	31.15734	-9999
1735.035	1734.691	1132.191	92.06224	111.5765	92.37236	90.25862	25.89776	13.13795	60.9643	44.61577	16.34852	30.52279	-9999
1735.04	1734.695	1132.195	97.40781	96.54378	97.5792	97.04872	25.69298	15.45205	58.85496	30.5327	28.32227	30.33595	-9999
1735.045	1734.7	1132.2	98.06887	95.99096	96.82021	93.92299	36.22395	7.432236	56.34381	21.89598	34.44784	31.48855	-9999
1735.05	1734.705	1132.205	97.99542	131.5979	96.91814	93.68631	26.3464	10.79938	62.85421	39.00443	23.84978	30.87284	-9999
1735.055	1734.709	1132.209	88.0959	84.38839	88.01429	88.455	39.16227	7.375032	53.4627	28.38023	25.08247	30.70071	-9999
1735.06	1734.714	1132.214	88.46316	94.74545	87.75313	88.58558	41.18817	5.896109	52.91572	28.38855	24.52717	30.68704	-9999
1735.065	1734.719	1132.219	89.71998	86.33325	87.79394	85.92503	51.49177	1.175572	47.33266	17.96203	29.37063	32.63943	-9999
1735.07	1734.724	1132.224	89.99746	93.47996	87.89188	87.70417	50.89847	1.034113	48.06742	29.11389	18.95352	32.17721	-9999
1735.075	1734.728	1132.228	98.68912	137.9654	97.79955	95.53074	22.71255	12.71929	64.56816	40.13166	24.4365	30.65093	-9999
1735.08	1734.733	1132.233	101.9944	114.2141	100.7457	99.31753	28.20247	10.60384	61.19369	34.29392	26.89977	30.83404	-9999
1735.085	1734.738	1132.238	104.8508	157.2608	103.9612	104.2632	12.3743	18.13742	69.48828	54.43927	15.049	30.56934	-9999
1735.09	1734.742	1132.242	105.3894	254.1709	101.6843	95.71845	10.24747	2.696837	87.0557	71.27574	15.77995	32.82787	-9999
1735.095	1734.747	1132.247	101.4558	198.5025	98.93395	92.63352	18.16708	7.513772	74.31915	43.64018	30.67897	31.73739	-9999

1735.1	1734.752	1132.252	93.09055	103.8437	91.38486	89.65469	42.4456	3.942472	53.61193	19.4901	34.12183	31.51239	-9999
1735.105	1734.757	1132.257	91.95614	118.6966	89.53227	87.14921	45.46078	1.721561	52.81766	27.32676	25.4909	31.74527	-9999
1735.11	1734.761	1132.261	94.66566	146.7439	92.72329	85.20685	32.44888	6.115258	61.43587	41.86813	19.56773	31.60137	-9999
1735.115	1734.766	1132.266	100.7865	126.7025	99.57053	99.35017	26.03851	11.02582	62.93568	30.5508	32.38487	30.46545	-9999
1735.12	1734.771	1132.271	92.18466	109.4451	90.95232	88.59374	38.25501	6.129189	55.6158	34.46429	21.15151	31.10878	-9999
1735.125	1734.775	1132.275	92.46214	106.1016	90.90335	89.95665	41.33884	4.574974	54.08619	22.56669	31.51949	31.17925	-9999
1735.13	1734.78	1132.28	92.97629	127.3818	90.50345	89.52411	42.7999	2.189545	55.01055	32.83504	22.17552	31.20074	-9999
1735.135	1734.785	1132.285	98.33003	96.90345	96.78756	95.84903	38.03983	5.894473	56.06569	23.61666	32.44903	31.33607	-9999
1735.14	1734.79	1132.29	104.1408	56.07465	103.3247	102.5657	36.94533	11.35573	51.69895	35.8939	15.80505	31.30719	-9999
1735.145	1734.794	1132.294	111.3145	146.4508	110.2209	113.3548	10.62498	21.00096	68.37406	59.6772	8.69686	30.06006	-9999
1735.15	1734.799	1132.299	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2418.02	2419.17	1816.67	72.22241	56.24117	70.94926	69.38232	69.81189	0	30.18811	22.6356	7.55251	26.71109	2
2418.025	2419.175	1816.675	68.35401	41.74128	67.18696	64.9916	76.05755	0	23.94245	4.021903	19.92054	26.72745	2
2418.03	2419.18	1816.68	70.41879	20.16796	69.39864	68.68861	78.24022	0	21.75978	11.6476	10.11218	26.34466	2
2418.035	2419.185	1816.685	66.34636	39.38347	64.86918	63.84087	80.87865	0	19.12135	12.54475	6.576601	26.79962	2
2418.04	2419.19	1816.69	65.30989	26.32225	64.42032	63.17166	80.43908	0	19.56092	10.16744	9.393485	26.55165	2
2418.045	2419.195	1816.695	61.53942	31.15777	60.64169	59.53177	82.80096	0	17.19904	6.281288	10.91775	26.77926	2
2418.05	2419.2	1816.7	65.93014	66.11867	64.13468	64.46112	77.25837	0	22.74163	14.95377	7.787858	26.73741	2
2418.055	2419.205	1816.705	65.9383	57.71979	64.20813	64.27342	78.7774	0	21.2226	10.13631	11.08629	26.74838	2
2418.06	2419.21	1816.71	69.10483	78.04094	66.70545	64.56722	76.1329	0	23.8671	18.89745	4.969658	27.14468	2
2418.065	2419.215	1816.715	69.9536	48.38179	68.72942	68.35401	73.42167	0	26.57833	7.143589	19.43474	26.40202	2
2418.07	2419.22	1816.72	72.20608	62.84837	70.40246	68.50091	72.33916	0	27.66084	17.2732	10.38764	26.69859	2
2418.075	2419.225	1816.725	73.44658	61.62284	71.83883	69.21909	69.9765	0	30.0235	18.33615	11.68735	26.8512	2
2418.08	2419.23	1816.73	81.77099	80.85833	80.94671	80.48152	51.59114	2.524568	45.88429	14.06958	31.81472	25.76966	2
2418.085	2419.235	1816.735	83.37874	80.00579	81.87708	81.10177	55.568	0.994614	43.43738	23.39292	20.04446	26.55255	2
2418.09	2419.24	1816.74	81.65673	106.5012	82.24434	84.56211	34.54857	8.048557	57.40287	25.16743	32.23544	23.47155	2
2418.095	2419.245	1816.745	78.77584	116.3721	79.5185	83.84393	33.60852	7.904182	58.4873	39.236	19.2513	22.80563	2
2418.1	2419.25	1816.75	76.87428	111.4566	75.24204	70.78604	54.95299	1.860867	43.18614	30.34341	12.84273	26.0261	2
2418.105	2419.255	1816.755	81.10177	120.7014	80.30198	81.90973	42.37505	5.109497	52.51545	27.9639	24.55155	23.68887	2
2418.11	2419.26	1816.76	77.24969	109.8315	75.85413	73.95258	53.16667	2.274695	44.55863	20.97409	23.58454	25.37005	2
2418.115	2419.265	1816.765	76.05816	115.9724	72.96507	68.91713	65.93259	0	34.06741	8.360835	25.70657	26.91639	2
2418.12	2419.27	1816.77	82.80746	72.87241	81.86076	81.35477	53.51892	1.917281	44.5638	32.27575	12.28806	26.2581	2
2418.125	2419.275	1816.775	74.81766	125.0573	74.45857	65.5384	43.68684	4.893574	51.41959	33.00453	18.41506	25.23951	2
2418.13	2419.28	1816.78	74.58915	166.2525	73.32417	62.35554	40.94851	5.960346	53.09115	18.81235	34.2788	24.55886	2
2418.135	2419.285	1816.785	73.65061	117.0115	72.34482	64.17548	54.04453	2.441237	43.51424	31.8417	11.67253	26.21657	2
2418.14	2419.29	1816.79	68.51723	67.82375	66.80338	65.50575	73.83312	0	26.16688	12.25474	13.91214	26.8102	2
2418.145	2419.295	1816.795	66.89315	41.69466	65.50575	65.1385	79.12055	0	20.87945	20.87945	0	26.56272	2
2418.15	2419.3	1816.8	72.11631	51.07263	70.32901	68.10101	75.14498	0	24.85502	14.81785	10.03716	26.68691	2
2418.155	2419.305	1816.805	72.08367	68.01691	70.71259	68.43562	67.84879	0	32.15121	5.84334	26.30787	26.97076	2
2418.16	2419.31	1816.81	71.35732	77.66796	69.03138	66.00359	73.58163	0	26.41837	15.66728	10.75109	27.03816	2
2418.165	2419.315	1816.815	71.25123	64.12718	69.69244	68.37849	71.01068	0	28.98932	17.9834	11.00592	26.67528	2
2418.17	2419.32	1816.82	70.11682	91.55508	69.49657	69.26806	58.14313	1.309972	40.5469	19.53835	21.00854	25.67243	2
2418.175	2419.325	1816.825	71.69193	111.6098	69.29254	64.60802	65.6291	0.190213	34.18068	22.15085	12.02983	27.4945	2
2418.18	2419.33	1816.83	69.38232	116.3587	66.59119	62.88601	69.64067	0	30.35933	22.55077	7.808563	27.77222	2
2418.185	2419.335	1816.835	69.08035	79.57286	66.73809	65.57104	75.34195	0	24.65805	7.825468	16.83258	26.95421	2
2418.19	2419.34	1816.84	72.04286	35.13408	71.31652	71.20226	70.8473	0	29.1527	18.27692	10.87579	26.37149	8
2418.195	2419.345	1816.845	78.04949	55.63506	77.38027	76.4499	59.91722	0.30131	39.78147	25.35981	14.42166	27.41114	8
2418.2	2419.35	1816.85	80.65291	60.39065	79.37976	79.01251	61.05166	0	38.94834	12.0751	26.87324	27.28237	8
2418.205	2419.355	1816.855	83.03597	73.42523	81.79547	78.99619	55.45187	1.200646	43.34748	26.11225	17.23523	26.99184	8
2418.21	2419.36	1816.86	84.63556	76.70219	83.35426	82.85643	53.50347	1.654196	44.84233	18.71004	26.13229	26.31741	8
2418.215	2419.365	1816.865	85.91687	74.68406	85.32926	85.10891	47.43688	4.044532	48.51859	29.05706	19.46153	25.54067	8
2418.22	2419.37	1816.87	88.07958	71.43374	88.0959	87.57359	41.55332	6.859694	51.58699	25.38483	26.20215	25.11616	8
2418.225	2419.375	1816.875	92.64168	76.60894	92.08672	90.84622	40.53123	7.123128	52.34564	28.70386	23.64178	25.28584	8
2418.23	2419.38	1816.88	90.67484	92.65406	89.1895	88.48764	45.66821	3.495404	50.83638	31.56172	19.27466	25.50217	8
2418.235	2419.385	1816.885	87.09208	101.3926	85.98216	85.47617	43.94016	4.482634	51.57721	18.59366	32.98355	24.91049	8
2418.24	2419.39	1816.89	83.70519	75.07703	83.15839	79.28999	49.06028	3.457518	47.4822	15.83474	31.64746	26.28261	8
2418.245	2419.395	1816.895	81.4527	52.71111	80.11427	77.5843	62.68029	0	37.31971	9.576657	27.74306	27.47199	8
2418.25	2419.4	1816.9	78.93906	56.76734	77.4374	75.92758	65.27621	0	34.72379	19.79798	14.92581	26.84834	8
2418.255	2419.405	1816.905	74.58099	24.85028	74.41776	73.5282	66.63671	0	33.36329	14.04602	19.31728	27.03212	8
2418.26	2419.41	1816.91	75.32366	37.39864	74.75237	72.86714	66.07921	0	33.92079	13.47504	20.44575	27.19355	8
2418.265	2419.415	1816.915	78.56364	54.58936	77.46188	76.36013	63.04946	0	36.95054	16.63043	20.32011	27.2498	8
2418.27	2419.42	1816.92	80.99568	116.3254	79.34712	77.67408	50.10955	2.684827	47.20562	16.38988	30.81574	25.10303	8
2418.275	2419.425	1816.925	80.25301	164.6406	77.51085	70.67178	47.57592	3.355555	49.06853	23.99757	25.07096	24.78457	8
2418.28	2419.43	1816.93	75.9031	118.4435	73.29968	65.85668	61.68231	0.437735	37.87995	22.51075	15.36921	27.45227	8
2418.285	2419.435	1816.935	76.20506	140.9293	71.13697	67.65214	75.06418	0	24.93582	23.49298	1.442833	26.19411	2
2418.29	2419.44	1816.94	74.23822	81.00486	72.08367	70.65546	68.79544	0	31.20456	15.94279	15.26176	26.60734	2
2418.295	2419.445	1816.945	78.68606	66.79804	77.48637	76.11529	60.74132	0.013747	39.24493	11.37306	27.87187	27.4671	2
2418.3	2419.45	1816.95	82.41572	95.4448	81.54248	80.16324	47.84755	3.542432	48.61001	26.18862	22.42139	25.26371	2
2418.305	2419.455	1816.955	83.04413	153.6175	83.73783	87.5083	21.04778	12.185	66.76722	51.15032	15.6169	22.78562	2
2418.31	2419.46	1816.96	78.66974	204.6768	73.87913	67.70111	55.21931	2.059081	42.72161	31.30748	11.41413	24.57315	2
2418.315	2419.465	1816.965	82.08111	240.2172	82.08111	68.25607	6.352818	15.60609	78.04109	75.93405	2.107038	-9999	2
2418.32	2419.47	1816.97	78.08213	156.628	76.77635	69.77405	40.38031	5.746118	53.87357	30.02465	23.84892	24.26199	2
2418.325	2419.475	1816.975	71.00639	89.7634	68.2071	64.52641	74.64584	0	25.35416	21.94001	3.414155	27.30716	2

2418.33	2419.48	1816.98	76.64577	103.0444	74.78502	73.47923	58.96995	0.822733	40.20731	17.00544	23.20187	26.23334	8
2418.335	2419.485	1816.985	74.27086	53.51037	73.87913	70.5004	61.75726	0	38.24274	15.5657	22.67704	27.84646	8
2418.34	2419.49	1816.99	75.31549	59.4715	74.96456	74.67892	59.03736	0.594641	40.368	15.2353	25.1327	26.88504	8
2418.345	2419.495	1816.995	77.00486	62.60193	76.31932	76.04184	59.31879	0.506184	40.17502	24.78775	15.38728	26.97391	8
2418.35	2419.5	1817	78.51468	70.16159	77.91891	80.48152	55.40458	1.554402	43.04102	27.88344	15.15757	25.7499	8
2418.355	2419.505	1817.005	87.27163	79.25981	86.5208	86.64321	46.34815	4.275182	49.37667	19.25789	30.11878	25.36098	8
2418.36	2419.51	1817.01	92.28259	76.84206	92.25811	92.91916	36.69399	9.383313	53.9227	24.75235	29.17035	24.57552	8
2418.365	2419.515	1817.015	95.75109	84.84796	96.05306	95.11452	29.03557	14.0441	56.92033	34.77473	22.1456	24.42926	8
2418.37	2419.52	1817.02	96.11018	90.7425	96.55905	98.66463	26.14024	15.57704	58.28271	27.49585	30.78686	23.75191	8
2418.375	2419.525	1817.025	92.18466	157.6338	93.66999	86.31677	5.531394	21.99599	72.47261	72.47261	0	-9999	8
2418.38	2419.53	1817.03	85.27214	174.0719	82.55446	72.7284	40.48621	4.130959	55.38283	21.63014	33.75269	25.09876	8
2418.385	2419.535	1817.035	78.6371	97.04998	76.73554	72.0347	58.90483	0.526642	40.56853	13.04132	27.5272	27.13875	8
2418.39	2419.54	1817.04	77.5843	38.84397	76.8906	75.08698	64.59838	0	35.40162	14.44494	20.95668	27.43255	8
2418.395	2419.545	1817.045	72.54885	36.07321	72.59782	72.05102	64.14584	0	35.85416	12.52774	23.32642	26.99296	2
2418.4	2419.55	1817.05	74.9564	81.59098	74.69524	75.20124	53.31906	2.178377	44.50256	26.25753	18.24503	25.38055	2
2418.405	2419.555	1817.055	78.39226	115.7993	77.04566	74.61363	50.29181	2.951462	46.75673	29.14215	17.61458	25.07194	2
2418.41	2419.56	1817.06	82.73401	105.4888	80.57946	77.29866	55.0542	0.88862	44.05718	26.01256	18.04462	26.43245	2
2418.415	2419.565	1817.065	81.06913	88.45129	79.11044	76.4499	59.19099	0.064572	40.74444	17.90786	22.83658	27.18689	2
2418.42	2419.57	1817.07	84.39889	75.68313	84.06428	84.54579	46.63092	4.372091	48.99699	18.66255	30.33444	25.22014	2
2418.425	2419.575	1817.075	85.34559	94.97191	86.29228	86.09642	31.16196	10.28648	58.55157	35.49578	23.05579	24.14925	2
2418.43	2419.58	1817.08	84.75798	111.8629	84.99466	84.66005	33.11761	8.757621	58.12477	39.18175	18.94302	23.95706	2
2418.435	2419.585	1817.085	79.74702	107.1939	80.34278	83.42771	36.07463	7.309271	56.6161	33.90853	22.70756	23.28005	2
2418.44	2419.59	1817.09	83.12575	74.80395	82.78298	84.03164	48.07822	3.841272	48.0805	34.44252	13.63798	25.19009	10
2418.445	2419.595	1817.095	97.29356	96.96339	97.94645	98.61567	21.96485	18.3086	59.72655	34.95538	24.77116	23.92682	10
2418.45	2419.6	1817.1	104.5815	70.22153	105.5853	106.279	19.01177	28.32567	52.66256	25.78368	26.87889	23.28062	10
2418.455	2419.605	1817.105	103.7327	57.75976	104.4509	104.761	25.0221	23.72382	51.25408	34.3771	16.87698	23.62359	10
2418.46	2419.61	1817.11	101.6516	65.4393	102.2719	103.9449	25.83726	20.74317	53.41958	35.79249	17.62709	23.61709	10
2418.465	2419.615	1817.115	105.9852	84.34843	106.785	106.8421	15.88287	29.61453	54.50261	27.20534	27.29726	23.38927	10
2418.47	2419.62	1817.12	101.9618	97.53619	103.8551	106.5483	7.917624	33.47873	58.60364	46.00538	12.59826	-9999	10
2418.475	2419.625	1817.125	100.3703	48.0088	100.7702	101.6924	32.94197	16.48839	50.56964	24.72689	25.84275	24.27473	10
2418.48	2419.63	1817.13	93.33538	87.19246	94.18415	93.40067	26.45296	15.09315	58.45389	35.92139	22.5325	24.31558	10
2418.485	2419.635	1817.135	89.28744	78.68035	89.53227	86.61057	36.91744	8.890831	54.19173	28.81178	25.37995	25.15409	10
2418.49	2419.64	1817.14	94.9921	50.00029	94.34737	92.51927	45.50388	6.106094	48.39003	26.02642	22.3636	26.27381	10
2418.495	2419.645	1817.145	92.56007	82.70995	93.18032	92.73962	30.02199	13.02303	56.95498	22.27109	34.68389	24.36978	10
2418.5	2419.65	1817.15	89.66285	74.63743	90.56874	91.65418	32.42726	11.60154	55.9712	36.40367	19.56752	24.22413	10
2418.505	2419.655	1817.155	87.46749	65.2195	88.34074	89.55676	36.97913	9.327596	53.69328	21.20404	32.48924	24.50173	10
2418.51	2419.66	1817.16	83.31345	81.2513	83.94186	78.93906	38.81862	7.233759	53.94762	33.86395	20.08367	25.44712	2
2418.515	2419.665	1817.165	81.75467	96.15747	80.5713	77.51901	50.68673	2.618784	46.69449	30.29721	16.39728	25.8525	2
2418.52	2419.67	1817.17	83.60725	99.46108	84.30912	86.24332	33.57232	8.835103	57.59258	26.99574	30.59684	23.69187	2
2418.525	2419.675	1817.175	80.8651	77.59469	80.85694	82.8401	46.88944	4.171706	48.93885	20.0635	28.87535	24.76044	2
2418.53	2419.68	1817.18	81.12626	112.7687	78.278	75.28285	60.14777	0	39.85223	20.77542	19.07681	26.43965	2
2418.535	2419.685	1817.185	81.38741	96.41723	79.61644	77.69856	55.51568	1.095176	43.38915	31.0531	12.33605	26.30107	2
2418.54	2419.69	1817.19	80.20404	157.3074	76.67025	69.48025	55.53077	1.146669	43.32256	22.76975	20.55281	25.98151	2
2418.545	2419.695	1817.195	80.72636	157.9868	76.88244	70.30453	57.2893	0.483393	42.22731	13.67333	28.55398	26.19127	2
2418.55	2419.7	1817.2	81.39557	211.3506	75.34814	70.92478	60.83685	0	39.16315	19.52943	19.63372	24.55162	2
2418.555	2419.705	1817.205	82.15456	123.7852	79.46137	76.75186	55.33401	0.74129	43.9247	20.19312	23.73158	25.98161	2
2418.56	2419.71	1817.21	82.95436	97.29642	81.53431	76.36829	51.14161	2.306651	46.55174	24.73879	21.81295	26.37018	2
2418.565	2419.715	1817.215	84.46418	110.5641	82.6932	83.44403	49.26151	2.480316	48.25818	30.45645	17.80173	24.93294	2
2418.57	2419.72	1817.22	90.33207	142.5345	90.51161	96.05306	21.00968	13.54469	65.44563	44.83655	20.60908	22.80089	2
2418.575	2419.725	1817.225	88.55293	87.99837	88.65086	89.07525	36.47671	8.532776	54.99052	32.23735	22.75316	24.3877	2
2418.58	2419.73	1817.23	91.44199	134.9215	90.26678	91.19715	32.33024	7.841965	59.82779	27.46981	32.35798	23.76107	2
2418.585	2419.735	1817.235	99.01557	54.36957	99.4073	99.39914	32.71228	15.47215	51.81557	18.06968	33.74589	24.47428	2
2418.59	2419.74	1817.24	95.20429	61.95586	95.48994	95.60419	35.20501	11.97004	52.82495	27.26002	25.56493	24.68109	2
2418.595	2419.745	1817.245	92.58455	52.45801	92.54375	93.76793	42.44362	7.846312	49.71007	16.43431	33.27576	25.20243	2
2418.6	2419.75	1817.25	86.94518	88.59116	85.04362	82.13008	53.30843	0.973159	45.71841	24.50874	21.20967	26.73332	2
2418.605	2419.755	1817.255	95.63684	188.5518	95.36752	92.77226	8.471804	17.8196	73.7086	56.00474	17.70386	25.0469	2
2418.61	2419.76	1817.26	91.59705	81.45111	91.05841	90.60955	40.19399	7.014583	52.79143	17.89174	34.89969	25.01699	2
2418.615	2419.765	1817.265	89.85056	95.81779	88.40603	86.61057	45.34468	3.65286	51.00246	32.02268	18.97978	25.56415	2
2418.62	2419.77	1817.27	97.08137	144.4394	94.48611	95.46545	35.84405	3.068546	61.0874	28.78528	32.30212	24.41357	2
2418.625	2419.775	1817.275	97.08953	55.50185	96.45295	93.91483	42.17962	7.710508	50.10987	29.84809	20.26178	26.00304	2
2418.63	2419.78	1817.28	99.33385	46.08392	99.53788	99.78272	35.87932	13.97516	50.14552	35.17796	14.96757	24.72427	2
2418.635	2419.785	1817.285	95.48994	74.27777	95.71845	97.13849	32.40306	12.71426	54.88268	38.89174	15.99094	24.19987	2
2418.64	2419.79	1817.29	94.1515	60.71701	93.76793	93.23745	41.65981	7.682071	50.65812	31.12487	19.53324	25.43534	2
2418.645	2419.795	1817.295	92.4703	53.17068	91.74395	90.08723	47.6892	4.680164	47.63064	16.6862	30.94444	26.42488	2
2418.65	2419.8	1817.3	92.51927	79.10662	93.22113	93.90667	30.29905	13.14366	56.5573	30.08668	26.47062	24.1914	2
2418.655	2419.805	1817.305	92.84571	73.89812	92.63352	90.31575	38.34308	8.643999	53.01292	24.33772	28.67521	25.2973	2
2418.66	2419.81	1817.31	90.11988	57.24024	88.94467	86.27596	52.34545	2.16767	45.48688	13.1576	32.32928	27.17309	2
2418.665	2419.815	1817.315	93.82505	93.48662	92.72329	90.16068	39.59583	6.244457	54.15972	19.72464	34.43508	25.38117	2
2418.67	2419.82	1817.32	96.11018	81.51106	96.28973	97.13033	30.46147	13.41962	56.11891	24.18629	31.93262	24.17875	2
2418.675	2419.825	1817.325	99.09718	99.86737	99.73375	100.354	19.72926	20.25999	60.01075	28.70835	31.30241	23.88706	2
2418.68	2419.83	1817.33	97.9791	64.51349	97.64449	96.60802	36.84018	10.6777	52.48212	28.18044	24.30168	25.09285	2
2418.685	2419.835	1817.335	99.73375	50.19344	99.54604	101.0232	37.55287	11.99914	50.44799	35.28576	15.16223	24.71666	2
2418.69	2419.84	1817.34	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999

2419	2420.15	1817.65	109.0538	105.6953	109.8128	107.3645	8.210054	35.89429	55.89566	48.85273	7.042933	23.81871	2
2419.005	2420.155	1817.655	108.4581	109.9647	109.4374	110.6942	6.017243	37.4966	56.48616	53.73023	2.755925	-9999	2
2419.01	2420.16	1817.66	100.6723	66.61155	100.7376	101.317	30.75551	15.68238	53.56211	36.11232	17.44979	24.22894	2
2419.015	2420.165	1817.665	96.33054	65.27279	95.36752	93.40067	43.04329	6.14602	50.81069	27.21861	23.59208	25.95582	2
2419.02	2420.17	1817.67	102.1413	70.3947	101.6353	97.75058	32.91594	13.11588	53.96818	21.50915	32.45903	25.31027	2
2419.025	2420.175	1817.675	101.2925	44.66524	99.7011	98.01174	48.33547	3.213413	48.45112	20.69383	27.75729	27.12524	2
2419.03	2420.18	1817.68	95.96328	42.18087	95.71845	94.2984	43.40348	8.289576	48.30694	24.89936	23.40758	25.95013	2
2419.035	2420.185	1817.685	93.00894	34.88764	92.64168	91.14003	48.83518	5.372312	45.79251	16.36743	29.42507	26.72457	2
2419.04	2420.19	1817.69	91.49912	65.23282	91.10738	88.0551	43.07043	6.512532	50.41704	27.54002	22.87702	25.92681	2
2419.045	2420.195	1817.695	100.7621	54.47614	100.7784	101.0722	33.98918	14.60232	51.4085	31.49903	19.90947	24.53404	2
2419.05	2420.2	1817.7	98.51773	47.46264	98.04439	96.96711	41.54618	9.057695	49.39613	31.03199	18.36414	25.69185	2
2419.055	2420.205	1817.705	90.33207	28.62012	90.02194	89.94033	52.3719	3.805037	43.82307	26.6224	17.20066	26.99867	2
2419.06	2420.21	1817.71	94.33921	40.609	93.8985	91.55625	46.796	6.146756	47.05724	34.04984	13.0074	26.57517	9
2419.065	2420.215	1817.715	94.81256	36.19309	94.8044	93.83322	44.07697	8.36989	47.55314	25.91688	21.63627	25.95288	9
2419.07	2420.22	1817.72	92.01327	44.17236	92.16017	90.72381	43.51959	7.800494	48.67991	23.35765	25.32227	25.86124	9
2419.075	2420.225	1817.725	92.34788	55.90814	92.38052	91.18083	41.25718	8.275651	50.46717	23.54721	26.91995	25.48178	9
2419.08	2420.23	1817.73	95.36752	38.98384	94.97578	93.76793	45.86375	6.897976	47.23827	30.19743	17.04084	26.26574	9
2419.085	2420.235	1817.735	103.2431	80.60523	103.3655	103.0309	24.56118	19.71845	55.72036	33.18212	22.53824	24.00324	9
2419.09	2420.24	1817.74	104.9161	64.44023	104.4428	102.4677	31.5511	15.42684	53.02206	20.98219	32.03986	24.78304	9
2419.095	2420.245	1817.745	104.3856	34.59458	104.6468	103.1533	33.56937	19.11066	47.31998	26.89156	20.42841	24.55809	9
2419.1	2420.25	1817.75	108.5886	66.15863	108.6131	110.3433	23.89832	24.5405	51.56117	33.29158	18.26959	23.16357	9
2419.105	2420.255	1817.755	102.6065	67.21099	102.5902	101.4884	29.46347	17.0369	53.49963	34.29363	19.20599	24.41525	9
2419.11	2420.26	1817.76	107.7807	47.32277	107.5603	108.3438	31.0974	19.70851	49.19409	33.14106	16.05303	23.9122	9
2419.115	2420.265	1817.765	108.1724	29.40606	108.4336	108.5641	31.34114	23.92492	44.73394	27.34039	17.39355	23.65793	9
2419.12	2420.27	1817.77	107.7644	31.54407	108.3356	108.5886	28.79569	26.64483	44.55948	14.57427	29.98521	23.31284	9
2419.125	2420.275	1817.775	105.2017	44.94498	105.1446	105.1691	32.78046	18.01453	49.20502	19.54602	29.659	24.29773	9
2419.13	2420.28	1817.78	100.2561	47.27615	99.65214	99.09718	41.00403	9.426079	49.56989	25.4886	24.08129	25.56947	9
2419.135	2420.285	1817.785	102.1739	37.23213	102.2882	102.5167	36.10431	15.56883	48.32687	16.63402	31.69284	24.67258	9
2419.14	2420.29	1817.79	103.1043	57.91961	103.1614	104.0347	30.68474	17.51139	51.80387	30.0832	21.72068	24.0759	9
2419.145	2420.295	1817.795	101.1783	78.66037	101.2681	101.5537	27.18443	17.16487	55.6507	32.76128	22.88942	24.07454	9
2419.15	2420.3	1817.8	113.4364	62.02913	113.8199	115.0033	17.65478	36.80064	45.54458	24.62424	20.92035	21.98982	9
2419.155	2420.305	1817.805	107.3889	90.22298	107.9113	109.4782	15.32027	29.50498	55.17475	38.82442	16.35033	23.09556	9
2419.16	2420.31	1817.81	101.7332	99.84738	101.2681	98.38715	25.84756	15.06931	59.08313	24.79239	34.29075	24.72464	9
2419.165	2420.315	1817.815	99.8072	100.4069	100.607	102.378	17.6805	22.21558	60.10392	45.03792	15.066	23.64584	9
2419.17	2420.32	1817.82	103.0227	56.50758	103.7817	106.0179	25.6621	23.0043	51.3336	36.7352	14.59839	23.33664	9
2419.175	2420.325	1817.825	100.6396	57.30018	101.064	101.366	30.25593	17.57941	52.16466	30.46699	21.69767	24.17635	9
2419.18	2420.33	1817.83	95.42465	50.81287	95.36752	97.30172	40.35536	9.524609	50.12003	26.73613	23.3839	24.89672	9
2419.185	2420.335	1817.835	94.46979	69.14253	94.42082	96.32238	36.7348	10.1468	53.1184	38.03675	15.08165	24.4416	9
2419.19	2420.34	1817.84	97.69345	97.54952	96.97527	95.60419	32.08097	10.43661	57.48242	38.35241	19.13001	24.71134	9
2419.195	2420.345	1817.845	100.2397	80.85167	100.0357	100.8845	29.79456	14.38275	55.82269	25.79253	30.03016	24.17061	9
2419.2	2420.35	1817.85	99.97042	81.41115	99.92146	98.91763	28.70521	15.24223	56.05256	39.76797	16.28459	24.43276	9
2419.205	2420.355	1817.855	97.5792	99.73416	97.25275	95.9388	28.62144	12.82	58.55856	37.34597	21.21259	24.48508	9
2419.21	2420.36	1817.86	106.7197	52.105	106.8503	107.2584	28.19646	22.10254	49.701	26.35322	23.34778	23.6962	9
2419.215	2420.365	1817.865	109.2497	49.36088	109.2089	109.3231	27.8612	23.64411	48.49469	18.96752	29.52717	23.54964	9
2419.22	2420.37	1817.87	108.7192	62.21562	109.0293	109.47	22.51868	27.49268	49.98864	37.096	12.89264	23.13878	9
2419.225	2420.375	1817.875	108.05	54.41619	108.2622	109.7312	25.78081	24.92559	49.2936	22.60851	26.68509	23.18684	9
2419.23	2420.38	1817.88	103.4226	64.02062	103.6674	104.7774	27.46074	19.79859	52.74067	36.4102	16.33047	23.77188	9
2419.235	2420.385	1817.885	81.53431	25.93594	81.39557	80.16324	59.78717	0.56865	39.64418	21.926	17.71818	28.18696	8
2419.24	2420.39	1817.89	80.44072	28.93982	79.73885	78.39226	64.43053	0	35.56947	15.38939	20.18008	27.65683	8
2419.245	2420.395	1817.895	84.17038	52.3581	84.34176	84.55395	48.56436	4.270861	47.16478	23.86816	23.29662	25.83229	8
2419.25	2420.4	1817.9	89.00996	65.77898	88.69167	88.455	44.65904	5.650102	49.69086	19.53544	30.15542	25.47478	8
2419.255	2420.405	1817.905	93.27825	48.02878	93.14768	93.35987	43.57303	7.54652	48.88045	26.78073	22.09972	25.56971	8
2419.26	2420.41	1817.91	88.73248	103.2043	86.79012	85.27214	48.44399	2.095605	49.46041	16.13538	33.32503	25.71503	8
2419.265	2420.415	1817.915	100.4193	159.6719	97.58736	98.19945	30.92111	2.898758	66.18013	40.34665	25.83348	24.50904	8
2419.27	2420.42	1817.92	95.08188	91.9547	92.13569	88.18568	53.10458	0	46.89542	14.79393	32.10149	24.61556	8
2419.275	2420.425	1817.925	83.68887	25.26323	83.06046	82.52998	61.76273	0	38.23727	19.82498	18.41229	28.3786	8
2419.28	2420.43	1817.93	86.2678	70.50793	85.50881	84.61108	49.45288	3.318484	47.22864	28.28098	18.94766	25.99301	9
2419.285	2420.435	1817.935	93.69448	106.055	95.42465	95.17165	14.72696	21.35089	63.92215	48.37203	15.55012	24.36709	9
2419.29	2420.44	1817.94	92.02959	57.7864	91.6705	91.22164	44.13143	6.428135	49.44044	35.42059	14.01984	25.65246	9
2419.295	2420.445	1817.945	92.67433	83.06961	92.82123	92.19282	33.49829	10.85684	55.64488	36.54662	19.09826	24.55865	9
2419.3	2420.45	1817.95	89.71182	64.99971	89.86688	89.0018	40.53346	7.846437	51.6201	25.54848	26.07162	25.19827	9
2419.305	2420.455	1817.955	87.47565	63.65429	86.64321	83.41139	50.56947	3.007134	46.42339	19.86312	26.56027	26.74605	9
2419.31	2420.46	1817.96	88.57741	72.233	88.38971	88.24281	42.48312	6.384866	51.13201	19.26598	31.86603	25.13515	9
2419.315	2420.465	1817.965	91.13186	76.94196	91.8174	93.4578	32.2258	11.8645	55.9097	35.56245	20.34726	24.0959	9
2419.32	2420.47	1817.97	88.37338	81.00486	87.95716	87.37772	42.31902	6.023073	51.65791	32.65601	19.0019	25.08892	9
2419.325	2420.475	1817.975	96.29789	71.6935	96.68963	97.05688	31.02015	14.12553	54.85432	32.6145	22.23982	24.30618	9
2419.33	2420.48	1817.98	96.06122	150.194	97.75874	94.06173	2.120903	26.91916	70.95993	70.95993	0	-9999	9
2419.335	2420.485	1817.985	92.00511	94.23259	92.11121	91.50728	31.72877	10.98677	57.28446	40.08664	17.19782	24.37547	9
2419.34	2420.49	1817.99	84.57844	54.5494	83.63174	82.32595	56.32379	1.143267	42.53295	26.69459	15.83836	27.26719	8
2419.345	2420.495	1817.995	79.55931	38.11798	79.00435	77.07831	61.88183	0	38.11817	19.64434	18.47383	28.04362	8
2419.35	2420.5	1818	81.25683	38.47098	81.12626	79.94288	56.94572	1.342458	41.71182	12.87706	28.83476	27.42648	8
2419.355	2420.505	1818.005	88.58558	86.51975	87.55727	85.55778	45.53289	4.213725	50.25339	19.27238	30.98101	25.63735	8
2419.36	2420.51	1818.01	86.98598	72.0132	86.8146	87.14921	43.87393	5.700182	50.42589	27.83868	22.5872	25.12045	8

2419.365	2420.515	1818.015	81.47719	24.797	81.63225	81.79547	57.83838	1.26538	40.89624	19.48195	21.41429	27.58172	8
2419.37	2420.52	1818.02	80.78349	67.4108	79.24918	76.1969	61.25662	0	38.74338	15.41737	23.32601	27.49722	8
2419.375	2420.525	1818.025	77.51901	48.97457	76.97221	75.2094	61.06835	0	38.93165	24.38783	14.54381	27.86185	8
2419.38	2420.53	1818.03	80.53865	36.63269	80.8651	81.62409	54.50937	2.162839	43.3278	20.14316	23.18464	26.66709	8
2419.385	2420.535	1818.035	83.62358	48.31518	82.86459	83.19103	57.25621	1.008156	41.73564	20.40423	21.33141	27.16968	8
2419.39	2420.54	1818.04	81.7057	47.83563	81.67305	80.81613	53.50753	2.393868	44.0986	23.47304	20.62556	26.6717	8
2419.395	2420.545	1818.045	81.32212	95.14508	78.784	75.66643	61.82902	0	38.17098	13.84127	24.32971	26.49247	8
2419.4	2420.55	1818.05	84.39889	146.8105	81.97502	74.54834	45.60988	3.081299	51.30882	30.6145	20.69431	25.42413	8
2419.405	2420.555	1818.055	85.88422	93.26682	85.1334	85.04362	44.23487	4.756542	51.00859	27.87313	23.13547	24.88875	8
2419.41	2420.56	1818.06	89.12421	83.73566	89.85872	91.49096	32.04927	11.12252	56.82821	30.71046	26.11775	24.01115	8
2419.415	2420.565	1818.065	95.47361	142.6743	96.72227	99.48075	7.959968	23.06923	68.9708	61.88341	7.087397	-9999	8
2419.42	2420.57	1818.07	102.1005	83.80893	102.1821	102.4514	25.1533	18.38735	56.45935	33.30903	23.15033	23.97463	8
2419.425	2420.575	1818.075	91.49096	77.74788	90.56874	89.4425	44.16049	5.067961	50.77155	32.21594	18.55561	25.58664	8
2419.43	2420.58	1818.08	84.60292	176.8826	84.4397	74.24638	20.62471	11.81149	67.5638	45.40515	22.15864	25.08804	8
2419.435	2420.585	1818.085	76.87428	156.9411	73.47923	68.89264	57.60757	1.597721	40.79471	14.2694	26.52531	25.46287	8
2419.44	2420.59	1818.09	81.36293	98.40206	80.4652	76.09897	48.29021	3.417694	48.29209	20.66964	27.62246	25.73319	2
2419.445	2420.595	1818.095	75.83781	87.0326	75.84597	68.86	49.10408	3.300812	47.59511	25.43322	22.1619	26.19208	2
2419.45	2420.6	1818.1	77.11912	35.06081	77.24153	76.7029	59.61696	0.40045	39.98259	17.38379	22.5988	27.62783	2
2419.455	2420.605	1818.105	75.92758	36.21974	76.28667	75.34814	58.59848	0.619412	40.7821	26.7542	14.0279	27.43834	2
2419.46	2420.61	1818.11	80.66923	56.30111	79.91024	78.66158	58.04161	0.758015	41.20037	27.42973	13.77065	27.27636	2
2419.465	2420.615	1818.115	78.45755	35.87339	77.69856	77.8373	65.01987	0	34.98013	20.44179	14.53835	27.0621	2
2419.47	2420.62	1818.12	85.01098	82.90976	83.59093	80.00817	52.73109	1.740515	45.52839	18.68201	26.84638	26.68738	2
2419.475	2420.625	1818.125	88.50396	106.3081	88.455	90.69932	33.2293	9.178866	57.59184	24.50134	33.09049	23.68552	2
2419.48	2420.63	1818.13	85.63939	54.37623	85.37823	86.63505	50.07669	3.63908	46.28423	17.77751	28.50673	25.87205	2
2419.485	2420.635	1818.135	86.43102	59.63801	86.43918	87.8021	45.98781	5.241034	48.77116	19.4042	29.36695	25.29627	2
2419.49	2420.64	1818.14	85.83526	70.3281	85.974	86.53712	42.93693	6.131864	50.93121	23.90092	27.03029	24.96183	2
2419.495	2420.645	1818.145	82.32595	41.2151	81.64857	80.05714	59.53575	0.389517	40.07473	15.40397	24.67076	27.98464	2
2419.5	2420.65	1818.15	83.41139	65.93218	82.04847	79.12677	57.86855	0.434374	41.69708	18.44591	23.25117	27.57422	2
2419.505	2420.655	1818.155	78.60445	66.81802	77.60063	74.06683	59.29359	0.434063	40.27235	20.68004	19.59231	27.58281	2
2419.51	2420.66	1818.16	74.58915	29.47266	74.69524	74.94824	63.42336	0	36.57664	18.29441	18.28223	27.18015	2
2419.515	2420.665	1818.165	71.6348	20.23456	71.7817	71.83883	68.06073	0	31.93927	20.76767	11.1716	26.46608	2
2419.52	2420.67	1818.17	72.75288	20.00811	72.78553	72.65495	67.97239	0	32.02761	5.136259	26.89135	26.62081	2
2419.525	2420.675	1818.175	77.51085	40.46247	76.68657	75.61746	65.28626	0	34.71374	22.38186	12.33188	27.14095	2
2419.53	2420.68	1818.18	75.83781	24.98349	76.16426	76.27851	61.65324	0	38.34676	13.02943	25.31733	27.6989	2
2419.535	2420.685	1818.185	79.9184	40.24933	79.82863	78.31065	57.43047	1.127125	41.4424	28.7389	12.70351	27.46905	2
2419.54	2420.69	1818.19	83.99083	69.27574	82.85643	82.91355	54.75534	1.434001	43.81066	20.88809	22.92257	26.4749	9
2419.545	2420.695	1818.195	80.08162	55.98141	79.12677	77.69856	60.17756	0.120701	39.70174	14.57344	25.12831	27.66637	9
2419.55	2420.7	1818.2	91.11554	117.8573	91.42567	90.74013	25.24876	12.93285	61.8184	29.97318	31.84522	24.07363	9
2419.555	2420.705	1818.205	97.26907	94.85868	98.10151	97.39965	21.10524	19.24971	59.64505	41.89765	17.7474	24.1622	9
2419.56	2420.71	1818.21	101.0803	76.26259	101.4476	102.3127	25.70432	18.92413	55.37155	40.4952	14.87636	23.85221	9
2419.565	2420.715	1818.215	92.45398	67.93698	91.7766	89.62205	43.75127	5.890319	50.35841	22.06578	28.29263	25.85943	9
2419.57	2420.72	1818.22	88.36522	52.94422	88.28361	89.9893	46.52398	5.383766	48.09225	29.79848	18.29377	25.45475	9
2419.575	2420.725	1818.225	91.58073	188.0789	89.05892	82.86459	29.77463	5.986086	64.23928	33.24162	30.99767	24.48429	9
2419.58	2420.73	1818.23	98.46061	88.41799	98.50957	97.62	27.6396	15.0425	57.31791	22.95434	34.36356	24.35703	9
2419.585	2420.735	1818.235	105.6424	45.7842	105.8138	106.4586	30.40094	20.65314	48.94591	27.6037	21.34222	23.85706	9
2419.59	2420.74	1818.24	101.9536	42.05432	103.0227	104.2795	27.73991	23.05176	49.20833	34.55995	14.64839	23.58888	9
2419.595	2420.745	1818.245	102.28	40.56904	103.0309	103.4552	30.26574	20.8726	48.86166	24.98664	23.87502	23.95096	9
2419.6	2420.75	1818.25	96.95895	71.52033	97.21194	96.64882	31.52913	13.86975	54.60113	38.98006	15.62107	24.50987	9
2419.605	2420.755	1818.255	91.93982	74.84391	91.89085	91.75211	37.68263	8.92993	53.38744	36.19475	17.19269	24.79459	9
2419.61	2420.76	1818.26	99.96226	69.30238	99.92146	100.0684	31.57979	14.47301	53.9472	26.38882	27.55838	24.38972	9
2419.615	2420.765	1818.265	101.2762	68.34327	101.4476	102.3127	28.95858	17.16239	53.87903	37.25103	16.62799	24.02347	9
2419.62	2420.77	1818.27	90.32391	123.0991	88.99363	88.00613	37.42162	6.066172	56.5122	21.09588	35.41633	24.40947	9
2419.625	2420.775	1818.275	78.19639	43.23323	77.94339	77.68224	59.5576	0.429117	40.01328	13.62163	26.39165	27.46186	8
2419.63	2420.78	1818.28	76.26219	41.71464	77.28234	77.48637	51.8377	2.517009	45.64529	29.79507	15.85022	26.12069	8
2419.635	2420.785	1818.285	76.27035	34.06174	75.6501	73.07933	66.39527	0	33.60473	10.07638	23.52835	27.3386	8
2419.64	2420.79	1818.29	77.11912	22.56574	77.64143	78.89825	59.54156	0.438872	40.01957	23.08855	16.93102	27.52844	8
2419.645	2420.795	1818.295	80.0653	50.91943	80.22853	80.53049	52.75244	2.531885	44.71568	25.05215	19.66353	26.21262	8
2419.65	2420.8	1818.3	85.38639	155.8887	83.14207	77.92707	41.11296	4.277521	54.60952	19.6356	34.97392	24.58325	8
2419.655	2420.805	1818.305	87.30427	197.7499	87.08392	86.79828	13.53232	14.15412	72.31356	46.21771	26.09584	23.70215	8
2419.66	2420.81	1818.31	81.60777	149.3948	78.59629	76.53151	52.10626	1.710005	46.18373	28.36289	17.82084	24.84752	8
2419.665	2420.815	1818.315	78.52284	56.09463	78.22087	78.18007	56.52431	1.275543	42.20015	13.30092	28.89923	26.66873	8
2419.67	2420.82	1818.32	74.53202	39.49004	74.99721	75.4624	58.26875	0.630487	41.10076	26.8973	14.20347	26.98364	8
2419.675	2420.825	1818.325	77.95156	33.36905	77.36395	76.64577	64.7632	0	35.2368	10.051	25.18581	27.31132	8
2419.68	2420.83	1818.33	77.50269	61.01008	77.36395	74.18109	55.00832	1.691445	43.30023	23.45033	19.8499	26.8589	8
2419.685	2420.835	1818.335	76.93957	97.48957	75.64194	68.79471	55.67974	1.594488	42.72578	21.48993	21.23584	26.85704	8
2419.69	2420.84	1818.34	82.21169	78.12087	80.05714	76.67025	62.15777	0	37.84223	24.45343	13.3888	26.78211	8
2419.695	2420.845	1818.345	80.48152	50.61305	80.0653	78.31065	56.93435	1.182225	41.88343	18.93824	22.94519	27.26839	8
2419.7	2420.85	1818.35	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2420.005	2421.155	1818.655	77.76385	20.58091	77.89443	78.22904	62.46469	0	37.53531	8.224016	29.31129	27.82401	8
2420.01	2421.16	1818.66	83.35426	39.76978	83.72151	83.31345	50.84358	3.660174	45.49624	29.42531	16.07093	26.40068	8
2420.015	2421.165	1818.665	81.09361	57.08705	81.95053	80.55497	44.93765	5.206206	49.85614	34.40543	15.45071	25.54317	8
2420.02	2421.17	1818.67	84.43153	56.83395	85.01098	85.14156	44.07848	5.988288	49.93323	24.24418	25.68905	25.28649	8
2420.025	2421.175	1818.675	85.8679	52.03174	85.22317	82.52998	53.40653	2.312217	44.28125	17.77175	26.5095	27.1417	8

2420.03	2421.18	1818.68	87.94084	57.03376	87.47565	87.01047	48.89746	4.043436	47.05911	21.4634	25.59571	26.09852	8
2420.035	2421.185	1818.685	89.51595	45.69761	89.10789	88.13671	49.74896	4.175053	46.07598	15.45321	30.62278	26.52004	8
2420.04	2421.19	1818.69	90.1362	43.38642	89.54859	88.92018	51.12912	3.576828	45.29405	20.73265	24.5614	26.72735	8
2420.045	2421.195	1818.695	91.72763	54.01656	91.09922	91.26244	47.40876	4.832327	47.75892	20.88006	26.87885	25.99059	8
2420.05	2421.2	1818.7	94.91865	46.90982	94.8044	95.31855	42.20815	8.608471	49.18338	21.03337	28.15	25.38112	8
2420.055	2421.205	1818.705	97.51391	42.2941	96.94263	95.93064	44.47947	7.456657	48.06387	30.06583	17.99804	26.07562	2
2420.06	2421.21	1818.71	90.30758	123.0725	87.88371	84.63556	45.91847	1.881674	52.19985	17.26293	34.93692	25.61399	2
2420.065	2421.215	1818.715	87.53278	43.17995	86.90437	84.39073	53.89048	2.362762	43.74676	16.39549	27.35127	27.40116	2
2420.07	2421.22	1818.72	79.34712	26.21568	78.25352	77.74753	69.13184	0	30.86816	16.84171	14.02645	26.68505	2
2420.075	2421.225	1818.725	78.99619	20.06805	78.4249	78.10662	66.89448	0	33.10552	22.05929	11.04623	27.19447	2
2420.08	2421.23	1818.73	79.17573	18.83586	78.54732	77.41292	67.47023	0	32.52977	9.350834	23.17893	27.2776	2
2420.085	2421.235	1818.735	81.47719	23.1785	81.0528	80.38359	62.72075	0	37.27925	13.64655	23.6327	28.16287	2
2420.09	2421.24	1818.74	85.76181	129.0803	84.31728	77.57614	41.05681	4.939371	54.00382	26.5481	27.45571	25.30417	2
2420.095	2421.245	1818.745	85.73732	198.5292	80.59578	75.33182	52.92457	0	47.07543	22.40308	24.67235	23.97373	2
2420.1	2421.25	1818.75	78.26168	157.4806	74.25454	73.41394	60.94429	0.393896	38.66182	19.15525	19.50657	25.47529	2
2420.105	2421.255	1818.755	75.71539	64.02062	74.93192	72.48356	60.92077	0.143715	38.93552	10.76798	28.16754	27.53249	2
2420.11	2421.26	1818.76	75.20124	36.17311	74.45041	72.83449	67.87989	0	32.12011	8.200293	23.91982	26.92539	2
2420.115	2421.265	1818.765	72.2877	22.21273	71.79802	71.89596	71.91479	0	28.08521	7.735897	20.34931	26.28048	2
2420.12	2421.27	1818.77	73.49555	28.40032	73.22623	73.09565	67.59844	0	32.40156	20.89805	11.50351	26.66738	2
2420.125	2421.275	1818.775	76.08265	41.76126	74.70341	73.41394	70.58685	0	29.41315	17.86873	11.54442	26.51661	2
2420.13	2421.28	1818.78	77.17624	46.84322	76.41725	76.48254	63.54397	0	36.45603	14.01974	22.43629	27.09775	2
2420.135	2421.285	1818.785	76.23771	49.09446	74.87479	73.49555	68.54306	0	31.45694	8.45649	23.00045	26.65186	2
2420.14	2421.29	1818.79	78.88193	94.42575	76.06632	71.76538	66.39855	0	33.60145	23.61103	9.990419	26.46643	2
2420.145	2421.295	1818.795	75.99287	60.54384	74.21373	72.19792	69.22326	0	30.77674	6.403361	24.37337	26.5975	2
2420.15	2421.3	1818.8	76.26219	79.55954	76.03368	73.81384	52.35635	2.423434	45.22021	17.06877	28.15144	25.86315	2
2420.155	2421.305	1818.805	74.46673	63.00822	73.10381	69.07219	66.80523	0	33.19477	10.4635	22.73127	27.28449	2
2420.16	2421.31	1818.81	71.7817	63.34791	70.90029	68.30504	65.46155	0	34.53845	9.302371	25.23608	27.16517	2
2420.165	2421.315	1818.815	72.22241	72.20636	70.76155	68.59884	67.40305	0	32.59695	18.07757	14.51939	26.96289	2
2420.17	2421.32	1818.82	72.46724	64.76659	69.78221	66.90132	78.4656	0	21.5344	21.5344	0	26.84821	2
2420.175	2421.325	1818.825	73.66694	46.76995	71.85515	71.28387	74.9494	0	25.0506	18.40532	6.645276	26.25336	2
2420.18	2421.33	1818.83	75.78068	40.70891	74.54834	73.99338	69.98084	0	30.01916	9.76077	20.25839	26.46232	2
2420.185	2421.335	1818.835	76.08265	22.75223	75.93574	76.06632	65.63641	0	34.36359	13.8131	20.55049	27.10308	2
2420.19	2421.34	1818.84	74.41776	70.90756	73.95258	74.28719	57.98123	0.953302	41.06547	17.11573	23.94974	26.2765	2
2420.195	2421.345	1818.845	70.38614	54.48946	69.64347	68.91713	67.81398	0	32.18602	20.77676	11.40927	26.61177	2
2420.2	2421.35	1818.85	68.32952	43.18661	66.83603	64.89367	78.26028	0	21.73972	9.961602	11.77812	26.78334	2
2420.205	2421.355	1818.855	67.88882	37.85156	67.8725	68.63965	68.50871	0	31.49129	5.004739	26.48655	26.03123	2
2420.21	2421.36	1818.86	74.09948	72.87907	73.8628	73.84648	56.02597	1.439532	42.5345	14.13519	28.39931	25.97502	2
2420.215	2421.365	1818.865	76.1561	47.78234	75.11963	73.58532	66.40571	0	33.59429	16.88527	16.70902	26.9547	2
2420.22	2421.37	1818.87	79.05332	34.3215	78.57997	76.48254	62.6336	0	37.3664	10.96756	26.39884	27.98988	2
2420.225	2421.375	1818.875	79.4777	15.53892	79.25734	78.531	64.82783	0	35.17217	14.49361	20.67857	27.8226	2
2420.23	2421.38	1818.88	82.28514	20.28119	82.11376	81.64041	60.71785	0.356772	38.92538	19.86531	19.06007	28.35531	2
2420.235	2421.385	1818.885	85.52513	25.64954	85.2803	85.59042	57.00716	1.707877	41.28496	11.43686	29.8481	27.5684	2
2420.24	2421.39	1818.89	86.16987	37.50521	84.86408	83.16655	61.76733	0	38.23267	16.52437	21.7083	27.77908	2
2420.245	2421.395	1818.895	89.56492	77.88775	86.61057	82.7993	61.64763	0	38.35237	8.180172	30.17219	24.59187	9
2420.25	2421.4	1818.9	90.25862	54.48946	88.11223	85.52513	60.41015	0	39.58985	14.38853	25.20132	26.37448	9
2420.255	2421.405	1818.905	96.0857	61.24985	94.94314	92.81307	45.63357	4.801842	49.56459	33.501	16.06359	26.34822	9
2420.26	2421.41	1818.91	102.9982	76.12938	103.292	104.3285	24.54135	20.51579	54.94285	30.1498	24.79305	23.69351	9
2420.265	2421.415	1818.915	101.3497	60.99009	101.9944	102.0434	27.00202	20.26249	52.73549	34.6283	18.10719	23.95586	9
2420.27	2421.42	1818.92	102.4922	86.95934	102.8921	102.9656	21.56378	21.49578	56.94044	43.52584	13.4146	23.83411	9
2420.275	2421.425	1818.925	105.7159	100.3536	105.7322	103.2839	18.32931	23.01826	58.65243	41.63661	17.01582	24.24469	9
2420.28	2421.43	1818.93	105.9852	89.46368	106.3851	107.2502	17.74418	26.17334	56.08248	38.85136	17.23112	23.40516	9
2420.285	2421.435	1818.935	94.63301	95.33157	93.49861	92.28259	38.65902	6.535278	54.8057	32.05274	22.75296	25.06649	9
2420.29	2421.44	1818.94	94.23311	66.28518	93.19664	92.45398	45.29716	4.887901	49.81493	19.00835	30.80658	25.90465	9
2420.295	2421.445	1818.945	96.31421	62.75512	95.51442	95.42465	42.4026	6.853031	50.74437	33.49217	17.2522	25.51682	9
2420.3	2421.45	1818.95	97.85668	68.82283	98.29738	98.79521	29.90128	15.6389	54.45982	25.74742	28.7124	24.1923	9
2420.305	2421.455	1818.955	94.79623	95.77116	94.20863	90.80542	34.16478	9.381956	56.45326	21.61386	34.8394	25.10289	9
2420.31	2421.46	1818.96	93.02526	72.37287	92.8702	93.84138	38.10426	8.918233	52.97751	32.2421	20.73541	24.66898	9
2420.315	2421.465	1818.965	92.20098	70.16159	91.89085	92.46214	40.59946	7.576172	51.82436	35.83036	15.99401	24.96794	9
2420.32	2421.47	1818.97	93.64551	82.94972	93.02526	93.0579	38.57924	7.749055	53.67171	28.83701	24.8347	24.84471	9
2420.325	2421.475	1818.975	93.44148	69.26908	93.35987	93.66999	37.90321	9.320111	52.77668	23.69222	29.08446	24.80318	9
2420.33	2421.48	1818.98	94.98394	109.5251	93.98012	90.04643	33.88935	8.292905	57.81774	36.64678	21.17096	25.12771	9
2420.335	2421.485	1818.985	99.19511	90.46276	99.28488	93.97196	26.15277	16.08717	57.76006	26.73912	31.02094	25.10198	9
2420.34	2421.49	1818.99	98.22393	75.38341	98.90131	99.0074	26.14152	17.95082	55.90766	30.21609	25.69157	24.06588	9
2420.345	2421.495	1818.995	98.84418	49.49409	98.68912	98.33819	38.28752	11.43739	50.27509	26.74509	23.53	25.11713	9
2420.35	2421.5	1819	91.86637	58.73219	92.03776	92.52743	39.94152	8.801414	51.25707	25.5751	25.68197	24.99089	9
2420.355	2421.505	1819.005	92.58455	50.69298	92.80491	93.30274	40.84678	8.960608	50.19261	26.34571	23.8469	25.15176	9
2420.36	2421.51	1819.01	90.17701	39.12371	90.936	91.32773	41.68705	8.945228	49.36773	34.19697	15.17075	25.3151	9
2420.365	2421.515	1819.015	82.3994	43.13998	82.5463	82.19537	52.61419	2.838546	44.54726	30.11444	14.43282	26.54718	9
2420.37	2421.52	1819.02	78.29433	60.10425	76.58048	75.07066	66.70632	0	33.29368	24.17876	9.11492	26.59159	9
2420.375	2421.525	1819.025	73.61797	30.16535	72.92427	70.73707	70.34763	0	29.65237	16.31406	13.33831	26.81699	2
2420.38	2421.53	1819.03	73.25888	36.27302	73.79751	74.78502	59.64932	0.180204	40.17048	13.28522	26.88526	27.11955	2
2420.385	2421.535	1819.035	73.26704	35.61363	73.55268	75.31549	61.76211	0	38.23789	16.50006	21.73783	26.9221	2
2420.39	2421.54	1819.04	71.91228	32.46988	70.88397	69.25174	73.95238	0	26.04762	13.70652	12.34109	26.52771	2

2420.395	2421.545	1819.045	72.84266	72.44613	71.16961	67.93779	68.41887	0	31.58113	22.10327	9.477864	27.06764	2
2420.4	2421.55	1819.05	69.16196	69.04262	66.86867	64.77125	77.43569	0	22.56431	13.81423	8.750078	27.05604	2
2420.405	2421.555	1819.055	72.67943	19.86158	72.10815	71.71641	72.75586	0	27.24414	10.29191	16.95223	26.35292	2
2420.41	2421.56	1819.06	76.45806	34.39476	75.18492	74.49938	71.20192	0	28.79808	7.992737	20.80534	26.41321	2
2420.415	2421.565	1819.065	79.83679	44.62527	79.64908	78.61261	57.20557	1.154645	41.63979	13.6548	27.98498	27.24884	2
2420.42	2421.57	1819.07	71.594	63.52108	71.57767	72.09183	58.88792	0.636074	40.476	29.26757	11.20844	26.37891	2
2420.425	2421.575	1819.075	66.02807	24.48396	65.42414	65.33437	78.0095	0	21.9905	21.9905	0	26.11397	2
2420.43	2421.58	1819.08	65.82404	15.36575	65.5792	64.82021	77.62085	0	22.37915	21.20441	1.174743	26.05321	2
2420.435	2421.585	1819.085	67.99491	9.744295	67.88066	68.07653	75.97205	0	24.02795	20.95699	3.070961	25.89158	2
2420.44	2421.59	1819.09	71.69193	37.09892	71.25123	69.8067	68.48094	0	31.51906	16.99237	14.52669	26.70861	2
2420.445	2421.595	1819.095	71.01455	28.89986	71.13697	69.72508	66.72411	0	33.27589	15.12191	18.15398	26.75896	2
2420.45	2421.6	1819.1	71.64296	30.02548	70.99823	70.61465	71.81899	0	28.18101	18.2134	9.967613	26.34423	2
2420.455	2421.605	1819.105	76.71922	69.04262	75.53585	72.91611	61.88113	0	38.11887	22.92943	15.18943	27.52559	8
2420.46	2421.61	1819.11	86.89621	123.965	85.71284	83.3461	39.22708	5.70594	55.06698	29.95626	25.11072	24.52221	8
2420.465	2421.615	1819.115	85.80261	165.3	85.28846	80.5713	25.04369	10.36056	64.59575	41.32875	23.267	24.07713	8
2420.47	2421.62	1819.12	78.94722	75.35011	79.54299	80.77532	44.51664	4.843321	50.64004	33.90638	16.73365	24.61552	8
2420.475	2421.625	1819.125	71.34916	51.75866	71.28387	71.16961	62.33917	0	37.66083	16.33007	21.33076	26.9506	8
2420.48	2421.63	1819.13	68.00308	37.36534	67.8725	66.96661	69.40674	0	30.59326	15.45673	15.13653	26.32622	8
2420.485	2421.635	1819.135	68.84368	34.92094	68.77023	69.37415	68.78219	0	31.21781	10.63403	20.58378	26.10835	8
2420.49	2421.64	1819.14	69.89647	23.36499	69.83934	70.90029	70.48366	0	29.51634	15.28747	14.22887	25.9911	8
2420.495	2421.645	1819.145	70.88397	29.73908	70.22292	69.53738	72.71307	0	27.28693	9.630089	17.65684	26.34749	8
2420.5	2421.65	1819.15	70.74523	39.14369	69.93728	69.1538	71.70328	0	28.29672	7.51251	20.78421	26.421	8
2420.505	2421.655	1819.155	70.61465	18.19645	70.6473	71.34916	70.37798	0	29.62202	7.666465	21.95555	26.10692	8
2420.51	2421.66	1819.16	69.61899	12.62163	69.70876	69.6598	72.20036	0	27.79964	4.653802	23.14584	26.077	8
2420.515	2421.665	1819.165	71.81435	18.16315	71.96941	72.93243	68.33358	0	31.66642	22.4114	9.255015	26.29212	8
2420.52	2421.67	1819.17	71.30835	15.58554	71.42261	71.81435	69.73912	0	30.26088	13.46203	16.79885	26.25883	8
2420.525	2421.675	1819.175	74.73605	21.17369	74.57283	74.12396	67.38378	0	32.61622	23.1445	9.471717	26.89327	8
2420.53	2421.68	1819.18	77.12728	45.278	76.14793	75.81333	65.67553	0	34.32447	14.53881	19.78566	26.85361	8
2420.535	2421.685	1819.185	75.08698	34.76775	74.6626	74.48305	65.79514	0	34.20486	13.08575	21.11911	26.91235	8
2420.54	2421.69	1819.19	73.25888	51.75866	72.48356	71.64296	66.08491	0	33.91509	16.51443	17.40066	26.81992	8
2420.545	2421.695	1819.195	73.34049	32.31003	72.83449	72.80185	68.62917	0	31.37083	18.42837	12.94246	26.5272	8
2420.55	2421.7	1819.2	74.03419	24.09765	73.17726	72.54885	72.69808	0	27.30192	12.2262	15.07572	26.41688	8
2420.555	2421.705	1819.205	74.45041	15.73207	74.35247	75.02985	68.45745	0	31.54255	16.3996	15.14295	26.59992	8
2420.56	2421.71	1819.21	70.14131	55.24209	69.96992	69.37415	63.42965	0	36.57035	23.77365	12.79671	26.84925	8
2420.565	2421.715	1819.215	72.06734	34.54129	71.32468	70.53304	71.09472	0	28.90528	19.45149	9.453782	26.46426	8
2420.57	2421.72	1819.22	77.91891	22.77221	77.81282	77.20889	63.62597	0	36.37403	18.99481	17.37922	27.72686	9
2420.575	2421.725	1819.225	80.71004	30.8314	80.29381	79.73069	61.51128	0	38.48872	9.398272	29.09045	28.1394	9
2420.58	2421.73	1819.23	78.70238	38.28449	78.57997	77.47821	59.2777	0.540095	40.18221	12.23723	27.94498	27.68126	9
2420.585	2421.735	1819.235	81.32212	91.03556	82.66056	81.25683	32.78018	8.967125	58.2527	26.31009	31.9426	24.35174	9
2420.59	2421.74	1819.24	82.37492	67.1244	83.39506	85.52513	40.06483	6.985283	52.94989	21.01818	31.93171	24.37937	9
2420.595	2421.745	1819.245	84.95385	76.22263	84.59476	84.08876	46.17954	4.535626	49.28483	23.37203	25.9128	25.35324	9
2420.6	2421.75	1819.25	81.57512	49.42083	81.31396	80.72636	55.01502	1.839182	43.1458	15.19425	27.95155	26.8108	9
2420.605	2421.755	1819.255	98.68096	61.36974	98.59118	100.1173	35.05778	12.522	52.42022	22.54937	29.87084	24.42223	9
2420.61	2421.76	1819.26	95.72661	68.48314	94.30656	92.4703	46.36395	3.703992	49.93206	28.43984	21.49222	26.34978	9
2420.615	2421.765	1819.265	96.02857	98.89493	94.16782	89.03444	42.14195	3.596837	54.26122	28.83994	25.42128	26.26121	9
2420.62	2421.77	1819.27	93.09055	46.95644	92.16017	90.11988	50.20364	3.603095	46.19326	23.51316	22.6801	26.95764	9
2420.625	2421.775	1819.275	88.38971	30.89135	88.58558	89.65469	49.68778	4.968046	45.34417	28.62124	16.72293	26.24617	9
2420.63	2421.78	1819.28	86.17803	37.63176	85.69652	85.49249	55.34103	1.988112	42.67086	21.15808	21.51278	27.22243	9
2420.635	2421.785	1819.285	87.54911	27.68765	87.49198	87.75313	53.19716	3.375881	43.42696	29.47903	13.94793	26.95983	9
2420.64	2421.79	1819.29	91.90718	35.1474	91.58889	91.82556	49.40644	5.018117	45.57544	26.01452	19.56092	26.4367	9
2420.645	2421.795	1819.295	92.39685	39.72315	91.70315	90.07091	50.75808	3.88588	45.35604	16.06427	29.29178	26.99194	9
2420.65	2421.8	1819.3	88.69167	45.85746	88.18568	88.0551	51.2276	3.448347	45.32405	30.25569	15.06836	26.54656	9
2420.655	2421.805	1819.305	96.46112	45.83082	96.50192	96.7794	39.84847	10.49674	49.65479	26.36136	23.29343	25.15612	9
2420.66	2421.81	1819.31	95.12268	73.77157	94.83704	94.88601	36.84813	9.653722	53.49815	24.73144	28.7667	24.7799	9
2420.665	2421.815	1819.315	96.3795	141.4754	96.54273	93.11503	15.82882	17.58943	66.58175	40.80488	25.77687	24.76711	9
2420.67	2421.82	1819.32	92.0704	93.62649	90.0301	87.63072	48.44991	1.61124	49.93885	19.64536	30.29349	26.27883	9
2420.675	2421.825	1819.325	89.45066	51.81194	89.02628	87.94084	48.45586	4.493881	47.05026	19.51533	27.53493	26.27751	9
2420.68	2421.83	1819.33	90.41368	84.63483	88.72432	85.33743	49.43036	2.091148	48.47849	20.51098	27.96751	26.55137	9
2420.685	2421.835	1819.335	87.28795	64.46687	86.07193	84.37441	53.51823	1.684487	44.79728	18.09812	26.69916	26.88758	9
2420.69	2421.84	1819.34	87.41037	68.22338	86.12906	83.39506	53.00252	1.748139	45.24934	27.65155	17.59779	26.95262	9
2420.695	2421.845	1819.345	85.29662	53.59695	86.47999	87.17369	39.38552	8.279866	52.33461	34.84807	17.48655	24.84921	9
2420.7	2421.85	1819.35	85.10891	51.20584	85.76181	86.9615	44.24806	6.203195	49.54875	32.7363	16.81245	25.19805	9
2420.705	2421.855	1819.355	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2421.025	2422.175	1819.675	97.30172	74.94382	96.52641	95.82454	38.35469	8.353253	53.29206	26.8611	26.43096	25.14941	-9999
2421.03	2422.18	1819.68	98.28106	45.55108	98.66463	100.7457	35.58535	14.11083	50.30381	26.31734	23.98647	24.33584	-9999
2421.035	2422.185	1819.685	100.8926	32.27673	100.6968	99.99491	40.88579	11.72313	47.39108	15.53341	31.85768	25.50101	-9999
2421.04	2422.19	1819.69	96.99159	50.14016	96.49376	96.45295	42.49202	8.080548	49.42744	29.16127	20.26617	25.56626	-9999
2421.045	2422.195	1819.695	99.33385	78.7736	97.79139	95.62868	41.50374	5.049208	53.44706	34.11931	19.32775	25.94477	-9999
2421.05	2422.2	1819.7	94.11886	32.50318	93.76793	95.30223	48.2646	5.921456	45.81395	30.63559	15.17836	26.10746	-9999
2421.055	2422.205	1819.705	93.39251	41.48152	93.58838	94.53508	42.52238	8.775857	48.70176	29.29919	19.40257	25.32444	-9999
2421.06	2422.21	1819.71	91.20531	36.58606	91.60521	92.95181	44.13807	7.906436	47.95549	25.69998	22.25551	25.44635	8
2421.065	2422.215	1819.715	89.41802	24.65713	89.82608	89.82608	48.60594	5.98596	45.4081	24.55583	20.85227	26.37162	8
2421.07	2422.22	1819.72	88.17752	34.6745	88.78961	89.37721	45.74177	6.710572	47.54766	27.4346	20.11306	25.74849	8

2421.075	2422.225	1819.725	86.95334	44.54535	87.32875	86.86357	46.31349	5.781696	47.90481	31.2781	16.62671	25.86813	8
2421.08	2422.23	1819.73	84.0806	69.04262	83.8929	82.44021	47.39226	4.254789	48.35295	16.30976	32.04319	25.72474	8
2421.085	2422.235	1819.735	77.68224	22.23937	77.9842	78.44939	60.8102	0.112298	39.07751	12.39445	26.68306	27.92982	8
2421.09	2422.24	1819.74	77.48637	30.73815	77.23337	76.77635	63.23463	0	36.76537	8.162542	28.60283	27.56057	8
2421.095	2422.245	1819.745	77.8373	34.78107	77.28234	74.3688	64.27361	0	35.72639	10.24772	25.47867	27.75756	8
2421.1	2422.25	1819.75	82.37492	24.31744	82.86459	82.88091	54.53531	2.541162	42.92353	19.86749	23.05604	27.07425	8
2421.105	2422.255	1819.755	81.81996	20.55427	81.43638	81.15074	62.72422	0	37.27578	15.11611	22.15967	28.19962	8
2421.11	2422.26	1819.76	86.61057	31.95036	86.25964	86.61057	55.306	2.213489	42.48051	28.13743	14.34308	27.20849	8
2421.115	2422.265	1819.765	89.45882	48.76144	88.85489	89.09157	50.57805	3.587926	45.83402	22.86559	22.96843	26.37914	8
2421.12	2422.27	1819.77	93.93931	40.04286	93.78425	95.08188	45.0872	7.29866	47.61414	16.17602	31.43812	25.62001	8
2421.125	2422.275	1819.775	90.1362	38.51094	89.77711	89.65469	50.53801	4.176123	45.28587	21.7958	23.49007	26.57721	8
2421.13	2422.28	1819.78	90.00562	33.04934	89.49147	89.65469	53.18158	3.118116	43.7003	24.68234	19.01796	27.01795	8
2421.135	2422.285	1819.785	87.7613	32.11022	88.78144	89.49147	43.58279	7.85299	48.56422	27.21736	21.34685	25.49872	8
2421.14	2422.29	1819.79	85.40271	37.41196	86.80644	89.71998	41.49695	8.026549	50.4765	23.40097	27.07553	24.8103	8
2421.145	2422.295	1819.795	82.74217	29.77904	83.46035	84.42337	51.10475	3.751713	45.14354	18.44953	26.69401	26.3086	8
2421.15	2422.3	1819.8	83.3869	15.26584	83.69703	84.01531	57.18625	1.848339	40.96541	12.89648	28.06893	27.6542	8
2421.155	2422.305	1819.805	85.41088	28.97313	86.1617	87.54094	48.59158	5.199142	46.20928	23.51603	22.69326	25.97483	8
2421.16	2422.31	1819.81	85.19052	37.56516	85.76181	86.48815	48.10651	5.053025	46.84047	15.14459	31.69588	25.91007	8
2421.165	2422.315	1819.815	83.03597	30.71817	83.28897	84.57844	54.21238	2.569	43.21862	18.58651	24.6321	26.70964	8
2421.17	2422.32	1819.82	82.59527	20.30117	82.51366	82.61159	59.73196	0.721853	39.54618	20.85043	18.69576	28.0606	8
2421.175	2422.325	1819.825	85.31294	27.33465	85.41088	85.73732	54.13812	2.85372	43.00816	20.33438	22.67378	27.01693	8
2421.18	2422.33	1819.83	86.46367	32.31003	86.51264	86.13722	52.2549	3.552927	44.19217	20.32937	23.8628	26.81771	8
2421.185	2422.335	1819.835	85.60674	40.63564	85.77813	87.23898	50.07974	4.13013	45.79013	30.10734	15.68279	26.00941	8
2421.19	2422.34	1819.84	84.32544	108.8723	84.02347	84.45602	38.41371	6.685695	54.9006	25.76018	29.14042	24.01579	8
2421.195	2422.345	1819.845	83.61542	88.71771	85.10891	88.51212	30.02954	10.62529	59.34517	35.25644	24.08873	23.51411	8
2421.2	2422.35	1819.85	82.91355	82.91642	84.79879	82.26066	29.0432	11.03371	59.92308	24.51779	35.40529	24.69367	8
2421.205	2422.355	1819.855	78.76767	33.17589	78.6779	75.23388	60.20091	0.291253	39.50783	13.02624	26.48159	28.37964	8
2421.21	2422.36	1819.86	75.25837	16.25825	75.40527	74.98089	65.68932	0	34.31068	18.7673	15.54338	27.20472	8
2421.215	2422.365	1819.865	76.62128	22.15945	76.50703	76.73554	65.03132	0	34.96868	22.07549	12.89319	27.22259	8
2421.22	2422.37	1819.87	81.92605	17.45714	82.07295	81.31396	59.26492	0.919555	39.81553	11.6711	28.14443	28.14414	8
2421.225	2422.375	1819.875	84.00715	20.88729	84.29279	85.07627	55.44497	2.429443	42.12558	20.63801	21.48757	27.19707	8
2421.23	2422.38	1819.88	85.54962	25.16999	85.974	86.30861	51.91426	3.90877	44.17697	32.278	11.89897	26.69651	9
2421.235	2422.385	1819.885	87.44301	38.51094	87.42669	85.45984	50.35928	4.20425	45.43647	18.30513	27.13134	26.77935	9
2421.24	2422.39	1819.89	86.8146	36.55942	87.52462	87.81026	45.78051	6.379579	47.83991	29.40597	18.43394	25.75886	9
2421.245	2422.395	1819.895	93.49045	26.86175	93.50677	94.0046	47.36175	6.969626	45.66863	18.11834	27.55028	26.16346	9
2421.25	2422.4	1819.9	98.34635	61.99583	97.31804	94.24944	42.48776	6.568132	50.94411	17.45573	33.48838	26.17763	9
2421.255	2422.405	1819.905	92.91916	61.0567	92.60088	92.86203	42.20537	7.319519	50.47511	26.44552	24.02959	25.28214	9
2421.26	2422.41	1819.91	94.08621	54.70925	93.84954	94.77991	42.03527	7.97189	49.99284	24.29891	25.69393	25.2147	9
2421.265	2422.415	1819.915	94.34737	30.27192	94.60037	94.20047	43.91389	8.999305	47.0868	19.12584	27.96097	25.81942	9
2421.27	2422.42	1819.92	98.1668	40.69559	98.57486	99.07269	36.67575	13.82987	49.49438	26.18561	23.30877	24.73712	9
2421.275	2422.425	1819.925	98.95844	32.29005	98.81154	98.55038	42.28253	10.42071	47.29675	23.19044	24.10632	25.61219	9
2421.28	2422.43	1819.93	101.6924	45.96403	102.027	101.8801	32.72645	17.30943	49.96412	33.22382	16.74031	24.38116	9
2421.285	2422.435	1819.935	102.8187	28.97313	102.5167	101.3415	40.73554	12.4519	46.81256	20.54711	26.26545	25.55517	9
2421.29	2422.44	1819.94	103.2267	18.60274	103.2186	103.341	40.59279	14.46686	44.94036	16.32472	28.61564	25.18534	9
2421.295	2422.445	1819.945	105.8138	24.43067	105.7649	105.2915	37.11855	17.41815	45.4633	26.70265	18.76065	24.7244	9
2421.3	2422.45	1819.95	106.5728	28.37368	106.4504	107.34	36.03531	17.9116	46.05309	21.44149	24.6116	24.33642	9
2421.305	2422.455	1819.955	103.3573	14.50654	103.3002	103.4144	41.84343	13.9354	44.22116	21.72994	22.49123	25.36826	9
2421.31	2422.46	1819.96	97.38333	26.4488	97.71794	98.46877	41.41351	11.68789	46.8986	22.56326	24.33534	25.27871	9
2421.315	2422.465	1819.965	95.71845	27.88747	95.88167	96.71411	43.92528	9.400746	46.67398	25.57551	21.09846	25.61593	9
2421.32	2422.47	1819.97	93.37619	31.82381	93.12319	93.46596	48.35327	5.91998	45.72675	16.89572	28.83103	26.31752	9
2421.325	2422.475	1819.975	89.85872	35.81345	90.30758	91.36854	45.18442	7.184574	47.63101	31.54797	16.08304	25.61007	9
2421.33	2422.48	1819.98	87.66336	35.94666	87.54094	86.30044	51.59935	3.74889	44.65176	20.06465	24.5871	26.87436	9
2421.335	2422.485	1819.985	88.04694	54.91573	88.94467	87.15737	38.7498	9.107945	52.14225	29.75325	22.389	25.27166	9
2421.34	2422.49	1819.99	89.27111	50.51981	89.39353	90.35655	44.69604	6.488346	48.81561	25.91445	22.90116	25.41035	9
2421.345	2422.495	1819.995	90.01378	48.06209	90.63403	91.94798	40.74936	8.838538	50.4121	17.45838	32.95372	24.96182	9
2421.35	2422.5	1820	88.202	44.03915	87.87555	88.21016	50.72665	3.787685	45.48566	22.67438	22.81129	26.37422	9
2421.355	2422.505	1820.005	87.63888	51.2125	88.16119	90.32391	42.93086	7.159082	49.91006	19.89415	30.01591	24.94443	9
2421.36	2422.51	1820.01	87.19817	41.84119	87.08392	88.02245	50.5376	3.961577	45.50082	25.13303	20.36779	26.21717	9
2421.365	2422.515	1820.015	87.34508	41.40826	88.08774	90.05459	43.86606	7.149532	48.98441	26.49621	22.4882	25.1849	9
2421.37	2422.52	1820.02	84.26831	35.86007	84.82327	85.8271	49.49407	4.411898	46.09403	17.03558	29.05845	26.03424	9
2421.375	2422.525	1820.025	88.21016	19.57518	88.46316	89.26295	52.14874	4.325214	43.52605	27.68756	15.83849	26.79641	9
2421.38	2422.53	1820.03	89.75262	19.49525	89.49147	88.61006	54.73371	3.104165	42.16213	22.80399	19.35813	27.61739	9
2421.385	2422.535	1820.035	89.87504	16.96426	90.42184	91.49096	48.97192	6.334936	44.69315	16.05369	28.63946	26.30737	9
2421.39	2422.54	1820.04	89.34457	32.34333	90.30758	92.96813	42.51251	8.756116	48.73137	17.23232	31.49905	25.0293	9
2421.395	2422.545	1820.045	90.89519	29.15962	91.49096	92.72329	44.70261	8.06607	47.23132	33.43611	13.79522	25.58956	9
2421.4	2422.55	1820.05	95.26958	30.09209	95.17165	95.06555	45.82869	7.798523	46.37279	29.63696	16.73583	26.06207	9
2421.405	2422.555	1820.055	94.91049	40.98865	94.47795	94.21679	46.1153	6.545045	47.33965	17.81277	29.52689	26.08453	9
2421.41	2422.56	1820.06	92.29891	52.11166	92.22546	92.13569	43.04322	7.497557	49.45922	21.89264	27.56658	25.48471	9
2421.415	2422.565	1820.065	95.16349	43.74609	94.37185	93.92299	47.99821	5.018246	46.98355	33.66489	13.31866	26.41869	9
2421.42	2422.57	1820.07	95.30223	56.66078	94.4453	93.09871	45.2512	5.622597	49.1262	23.84292	25.28328	26.10783	9
2421.425	2422.575	1820.075	91.70315	44.95164	91.80108	90.00562	43.99582	7.434197	48.56998	17.04917	31.52082	25.95178	9
2421.43	2422.58	1820.08	93.28642	73.5651	92.75594	89.36905	40.48494	7.359751	52.15531	24.78226	27.37305	25.69742	9
2421.435	2422.585	1820.085	90.18517	61.93588	88.83857	87.17369	52.47727	1.834192	45.68853	28.68638	17.00215	26.93862	8

2421.44	2422.59	1820.09	87.90004	49.3076	88.48764	91.20531	42.64559	7.434018	49.92039	20.18869	29.7317	24.83989	8
2421.445	2422.595	1820.095	87.23898	47.42934	87.04311	85.44352	49.78022	4.065985	46.1538	26.33311	19.82069	26.50588	8
2421.45	2422.6	1820.1	84.97017	42.3274	85.40271	83.36242	48.232	4.802129	46.96587	22.21888	24.74699	26.36109	8
2421.455	2422.605	1820.105	83.05229	46.47023	83.79496	85.8271	46.59042	5.104734	48.30485	33.75367	14.55118	25.2953	8
2421.46	2422.61	1820.11	87.31243	49.81379	86.35757	85.05995	55.01778	1.595477	43.38675	29.93459	13.45216	27.2605	8
2421.465	2422.615	1820.115	83.9337	89.07071	83.41139	82.3994	45.27383	4.548242	50.17793	20.01711	30.16083	25.0931	8
2421.47	2422.62	1820.12	79.80414	75.67647	79.6654	73.10381	49.34172	3.361114	47.29717	17.43315	29.86401	26.55957	8
2421.475	2422.625	1820.125	78.90641	36.75924	79.46137	81.4119	54.20942	2.12298	43.6676	18.93829	24.72931	26.31061	8
2421.48	2422.63	1820.13	78.60445	34.22825	79.59195	80.5713	51.74752	2.88831	45.36417	18.03421	27.32996	26.17871	8
2421.485	2422.635	1820.135	78.00052	38.90391	78.62893	79.11044	53.95459	2.100899	43.94451	13.63241	30.31211	26.46581	8
2421.49	2422.64	1820.14	77.00486	39.96293	76.93141	76.9967	60.05374	0.273865	39.67239	21.54827	18.12413	27.47278	8
2421.495	2422.645	1820.145	79.44505	29.77238	79.60011	80.08979	58.5039	0.867756	40.62834	28.91415	11.7142	27.43782	8
2421.5	2422.65	1820.15	82.02399	16.66454	82.30963	82.99517	58.29139	1.292956	40.41565	25.96545	14.4502	27.70913	9
2421.505	2422.655	1820.155	82.22802	18.64271	82.61159	82.83194	56.86598	1.789214	41.34481	26.61385	14.73096	27.51293	9
2421.51	2422.66	1820.16	84.03164	25.23659	84.01531	83.24	56.71014	1.802062	41.4878	17.02635	24.46145	27.64	9
2421.515	2422.665	1820.165	86.65954	30.67821	86.59425	86.07193	53.35509	3.135709	43.5092	27.29424	16.21496	27.04926	9
2421.52	2422.67	1820.17	87.75313	40.01622	87.49198	87.6552	51.60716	3.558083	44.83475	17.94722	26.88753	26.56905	9
2421.525	2422.675	1820.175	90.91967	62.30221	90.59323	90.23413	43.80673	6.303459	49.88981	22.71338	27.17643	25.49364	9
2421.53	2422.68	1820.18	87.03495	43.97921	86.47183	86.30861	53.64907	2.459371	43.89156	26.71519	17.17637	26.87564	9
2421.535	2422.685	1820.185	84.98649	29.30615	85.36191	85.01098	51.81088	3.74386	44.44526	26.47783	17.96743	26.72903	9
2421.54	2422.69	1820.19	86.82276	29.35277	86.95334	86.56976	52.0077	3.812069	44.18023	29.75816	14.42207	26.82834	9
2421.545	2422.695	1820.195	89.85872	52.36476	89.70366	89.52411	45.85944	5.805692	48.33487	15.32573	33.00914	25.76367	9
2421.55	2422.7	1820.2	88.83041	69.01598	88.50396	86.96966	44.10412	5.754992	50.14089	33.50204	16.63885	25.58707	9
2421.555	2422.705	1820.205	87.08392	104.8428	87.57359	86.5208	30.7159	10.33931	58.94479	35.35845	23.58634	24.18522	9
2421.56	2422.71	1820.21	83.94186	82.72993	84.11325	79.21654	41.42461	6.221705	52.35368	26.79931	25.55438	25.57181	8
2421.565	2422.715	1820.215	79.85311	35.64693	79.06148	77.11912	64.04375	0	35.95625	16.48481	19.47144	27.62605	8
2421.57	2422.72	1820.22	79.23286	16.52467	79.45321	80.41623	61.39907	0.060105	38.54083	21.74636	16.79447	28.13095	8
2421.575	2422.725	1820.225	82.40756	35.74018	82.92988	83.69703	51.48797	3.421374	45.09065	14.67453	30.41612	26.28851	8
2421.58	2422.73	1820.23	85.33743	32.1968	85.16604	85.12523	55.02618	2.31319	42.66063	26.14877	16.51186	27.16372	8
2421.585	2422.735	1820.235	84.10509	43.91926	83.95819	83.95819	53.13334	2.69278	44.17388	22.0091	22.16478	26.61504	8
2421.59	2422.74	1820.24	83.85209	74.86389	83.63174	82.08111	46.44674	4.463268	49.08999	18.13593	30.95406	25.53121	8
2421.595	2422.745	1820.245	85.31294	72.86574	85.66387	84.90488	41.15887	6.763347	52.07778	30.46233	21.61546	24.98118	8
2421.6	2422.75	1820.25	81.53431	51.34571	81.10993	79.10228	55.85173	1.521697	42.62658	23.26459	19.36199	27.16393	8
2421.605	2422.755	1820.255	82.38308	46.48355	83.69703	84.69269	42.77544	6.475598	50.74897	19.55979	31.18917	25.10136	8
2421.61	2422.76	1820.26	86.39838	36.31298	87.45933	89.49963	43.50336	7.383467	49.11317	34.71396	14.39922	25.17789	8
2421.615	2422.765	1820.265	87.26346	41.17514	87.62256	88.62638	46.97027	5.662681	47.36705	14.92132	32.44574	25.72306	8
2421.62	2422.77	1820.27	89.40985	50.58641	89.68734	90.88703	43.35055	7.198267	49.45118	18.6394	30.81178	25.21377	8
2421.625	2422.775	1820.275	88.69167	56.69408	88.71615	89.77711	44.49395	6.208338	49.29771	32.72553	16.57219	25.28178	8
2421.63	2422.78	1820.28	86.55344	154.6299	89.54043	91.00129	0	22.88498	77.11502	77.11502	0	-9999	8
2421.635	2422.785	1820.285	80.96303	190.1103	82.44021	78.89825	8.059215	15.85355	76.08724	63.49173	12.5955	24.93083	8
2421.64	2422.79	1820.29	72.41827	64.68	69.96176	66.65648	76.76062	0	23.23938	21.30626	1.933115	26.88683	8
2421.645	2422.795	1820.295	68.93345	43.14664	67.45628	64.77125	77.58784	0	22.41216	5.71615	16.69601	26.86094	8
2421.65	2422.8	1820.3	72.2877	49.57402	71.12065	68.33768	70.54304	0	29.45696	12.63743	16.81953	26.85895	8
2421.655	2422.805	1820.305	72.1816	67.11108	70.32085	66.69729	71.77285	0	28.22715	10.84702	17.38012	27.0137	8
2421.66	2422.81	1820.31	76.18058	42.8003	75.33998	72.40195	66.07086	0	33.92914	10.42594	23.50321	27.30905	8
2421.665	2422.815	1820.315	82.21169	21.52004	82.20353	81.79547	59.22064	0.869611	39.90975	12.69296	27.21678	28.01204	8
2421.67	2422.82	1820.32	86.43102	35.89337	86.10458	84.91304	54.32723	2.490844	43.18193	25.02281	18.15912	27.25579	9
2421.675	2422.825	1820.325	88.3081	42.81362	88.62638	89.15686	45.92894	6.19927	47.87179	33.36119	14.5106	25.69024	9
2421.68	2422.83	1820.33	91.68682	35.00087	91.95614	92.53559	45.09069	7.529954	47.37936	21.57966	25.79969	25.72555	9
2421.685	2422.835	1820.335	91.71131	46.84322	92.05408	92.40501	41.63307	8.681133	49.68579	18.75453	30.93126	25.26281	9
2421.69	2422.84	1820.34	87.98165	69.0293	88.17752	87.47565	40.83381	7.322565	51.84362	33.02083	18.82279	25.07821	9
2421.695	2422.845	1820.345	87.01863	67.27759	87.05127	87.73681	43.40869	6.118715	50.4726	25.04877	25.42383	25.04901	9
2421.7	2422.85	1820.35	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2422.01	2423.16	1820.66	74.69524	27.44121	73.99338	76.08265	70.07903	0	29.92097	17.18722	12.73375	26.0787	-9999
2422.015	2423.165	1820.665	76.64577	18.72263	76.49887	76.26219	66.0935	0	33.9065	17.2235	16.68299	27.19767	-9999
2422.02	2423.17	1820.67	78.26984	28.52021	78.21271	77.71488	61.5326	0	38.4674	13.48043	24.98697	28.01208	-9999
2422.025	2423.175	1820.675	79.4777	23.41162	79.17573	80.26117	63.55513	0	36.44487	21.73839	14.70649	27.51262	-9999
2422.03	2423.18	1820.68	78.1311	29.26619	78.22904	77.82098	60.27798	0.266286	39.45573	23.93586	15.51987	27.86776	10
2422.035	2423.185	1820.685	81.29764	33.2092	81.1589	80.99568	58.24478	0.979388	40.77583	16.95683	23.819	27.53724	10
2422.04	2423.19	1820.69	79.76334	31.00457	79.54299	80.53049	60.82235	0.132705	39.04495	18.01693	21.02802	27.76746	10
2422.045	2423.195	1820.695	81.47719	41.95442	81.75467	81.43638	52.73755	2.7574	44.50505	30.3853	14.11975	26.52378	10
2422.05	2423.2	1820.7	85.38639	43.61954	85.09259	84.49682	53.16556	2.707217	44.12722	15.37326	28.75396	26.79215	10
2422.055	2423.205	1820.705	91.56441	73.23207	90.48713	90.64219	46.38747	4.132883	49.47964	34.82918	14.65046	25.65448	10
2422.06	2423.21	1820.71	95.96328	115.0866	94.0046	89.98114	39.04262	4.178175	56.7792	28.97024	27.80896	25.61125	10
2422.065	2423.215	1820.715	98.06887	81.41115	97.2854	96.91814	36.14706	9.182896	54.67004	33.66167	21.00837	24.87356	10
2422.07	2423.22	1820.72	98.36267	53.29723	97.92197	96.85285	40.02387	9.544805	50.43133	21.49213	28.9392	25.45412	10
2422.075	2423.225	1820.725	100.4193	45.13813	100.2479	100.6886	38.01906	12.34968	49.63126	30.0253	19.60596	24.92428	10
2422.08	2423.23	1820.73	99.88881	34.77441	99.75007	98.81154	40.76212	11.41667	47.82121	31.78284	16.03837	25.518	10
2422.085	2423.235	1820.735	98.40348	34.8943	98.26474	98.46877	42.09962	10.203	47.69738	29.27273	18.42465	25.48824	10
2422.09	2423.24	1820.74	99.68478	36.83916	99.69294	99.70927	39.31167	12.36465	48.32368	24.51562	23.80805	25.13764	10
2422.095	2423.245	1820.745	100.4193	34.42807	100.5825	101.0151	38.01768	13.95401	48.02831	34.61028	13.41803	24.86809	10
2422.1	2423.25	1820.75	103.6021	52.45135	103.8143	103.798	30.34832	18.96005	50.69163	17.75437	32.93726	24.10398	10
2422.105	2423.255	1820.755	102.0842	55.0223	101.6435	101.521	36.18262	12.51363	51.30374	20.3583	30.94545	24.8686	10

2422.11	2423.26	1820.76	98.91763	51.45227	98.29738	96.69779	41.35126	8.684359	49.96438	17.86113	32.10324	25.75145	10
2422.115	2423.265	1820.765	99.35834	46.15719	98.7136	98.04439	42.41698	8.464794	49.11823	21.93234	27.18589	25.74452	10
2422.12	2423.27	1820.77	98.73809	30.29856	98.61567	97.89748	42.77745	10.26387	46.95868	29.00301	17.95567	25.75796	10
2422.125	2423.275	1820.775	99.04005	32.06359	99.1135	99.48075	40.55452	11.89995	47.54553	30.24641	17.29912	25.23027	10
2422.13	2423.28	1820.78	99.21143	43.53295	99.08086	98.81154	39.20249	11.49252	49.30499	33.93641	15.36858	25.1945	10
2422.135	2423.285	1820.785	99.76639	35.7202	99.6603	98.93395	40.39287	11.59481	48.01233	21.43317	26.57916	25.42591	10
2422.14	2423.29	1820.79	100.9661	40.68892	101.0803	101.4476	36.37899	14.56819	49.05282	21.07795	27.97487	24.69432	10
2422.145	2423.295	1820.795	105.316	51.64543	105.267	106.1158	30.99058	18.6708	50.33862	35.21925	15.11937	23.97561	10
2422.15	2423.3	1820.8	106.0505	55.47521	105.8546	107.0054	30.52652	18.45062	51.02286	18.63635	32.38651	23.91115	10
2422.155	2423.305	1820.805	107.291	54.8358	106.9319	106.124	30.80498	18.28146	50.91357	22.93893	27.97464	24.29179	10
2422.16	2423.31	1820.81	109.1681	63.70091	109.1109	108.8253	24.59249	24.32134	51.08616	34.1934	16.89276	23.51048	10
2422.165	2423.315	1820.815	110.8003	68.4898	110.9309	110.8574	20.47719	29.22571	50.2971	38.51755	11.77955	23.01493	10
2422.17	2423.32	1820.82	108.9396	64.8332	109.062	109.2089	23.13723	25.99497	50.8678	23.79352	27.07427	23.29087	10
2422.175	2423.325	1820.825	109.47	66.99119	109.4945	109.8618	22.88595	25.86164	51.25242	26.68014	24.57228	23.25171	10
2422.18	2423.33	1820.83	110.5963	65.2195	110.6779	110.2045	21.83581	28.10444	50.05975	33.43796	16.62179	23.17053	10
2422.185	2423.335	1820.835	110.5473	70.1083	110.6044	109.8781	20.88752	28.07331	51.03917	33.61218	17.42699	23.24856	10
2422.19	2423.34	1820.84	108.3928	80.48534	108.3438	108.1561	21.1807	24.47317	54.34614	41.01691	13.32923	23.54656	10
2422.195	2423.345	1820.845	105.9199	74.66408	105.6588	105.3323	26.50894	19.00693	54.48413	39.59049	14.89364	24.02868	10
2422.2	2423.35	1820.85	106.1321	66.37177	105.7975	104.3285	28.8897	18.01167	53.09863	19.48849	33.61014	24.36905	10
2422.205	2423.355	1820.855	104.8018	71.62689	104.9243	105.9607	25.29986	20.91817	53.78197	37.62164	16.16033	23.63075	10
2422.21	2423.36	1820.86	106.2627	65.74568	106.0831	105.4955	27.71935	19.53672	52.74393	35.06451	17.67942	24.05599	10
2422.215	2423.365	1820.865	102.6391	68.58305	102.5983	102.8105	29.29115	16.97296	53.73589	26.05686	27.67903	24.14085	10
2422.22	2423.37	1820.87	100.4927	66.79804	100.2805	100.6804	33.02603	13.5932	53.38077	38.48303	14.89773	24.4496	10
2422.225	2423.375	1820.875	99.35017	79.76601	98.93395	97.65265	32.52017	12.19541	55.28442	25.21947	30.06494	24.74048	10
2422.23	2423.38	1820.88	98.94212	88.53787	99.01557	99.41546	26.97785	15.62533	57.39683	31.51641	25.88042	24.06357	10
2422.235	2423.385	1820.885	99.17879	77.73456	99.12982	96.31421	30.32324	14.30533	55.37143	28.49232	26.87911	24.83614	10
2422.24	2423.39	1820.89	101.0803	59.49814	101.162	101.521	31.97504	15.7155	52.30946	35.2749	17.03456	24.30948	10
2422.245	2423.395	1820.895	97.62	60.31738	97.49759	96.41215	36.54153	11.40833	52.05015	37.16809	14.88206	25.02754	10
2422.25	2423.4	1820.9	96.58353	52.3248	96.64882	96.98343	37.97455	11.17062	50.85482	17.9675	32.88733	24.90761	10
2422.255	2423.405	1820.905	94.72278	68.25003	94.49427	93.99644	38.10951	9.325211	52.56528	31.76714	20.79814	24.99537	10
2422.26	2423.41	1820.91	96.74676	81.84408	96.76308	97.31804	31.06022	13.00725	55.93253	22.65405	33.27848	24.24147	10
2422.265	2423.415	1820.915	94.93497	59.17844	94.38818	93.76793	42.57633	7.197697	50.22597	29.23919	20.98678	25.56969	10
2422.27	2423.42	1820.92	91.18899	60.44393	90.25862	88.55293	48.6891	3.748598	47.5623	22.08191	25.4804	26.41718	10
2422.275	2423.425	1820.925	83.46035	36.73259	82.35859	80.39175	62.86582	0	37.13418	10.63333	26.50085	27.75455	8
2422.28	2423.43	1820.93	78.62893	24.60384	78.08213	77.92707	65.94494	0	34.05506	20.9295	13.12556	27.1918	8
2422.285	2423.435	1820.935	77.1436	32.63639	76.47438	75.40527	66.31631	0	33.68369	17.18974	16.49395	27.09246	8
2422.29	2423.44	1820.94	79.89392	28.12724	80.59578	80.82429	54.25138	2.304987	43.44364	13.88103	29.5626	26.82354	8
2422.295	2423.445	1820.945	84.36624	59.10518	84.59476	82.08927	46.30863	4.992156	48.69922	27.55003	21.14919	25.94782	8
2422.3	2423.45	1820.95	86.61873	51.59214	86.95334	87.37772	45.23225	5.93366	48.83409	27.77929	21.0548	25.46892	8
2422.305	2423.455	1820.955	85.35375	46.38364	85.19052	83.57461	51.51469	3.303955	45.18135	14.76509	30.41626	26.68325	8
2422.31	2423.46	1820.96	84.54579	83.1895	83.21552	80.59578	52.39563	1.927746	45.67663	18.61077	27.06586	26.3944	8
2422.315	2423.465	1820.965	89.26295	104.9693	89.28744	88.6019	32.28576	9.767729	57.94651	22.69548	35.25102	24.20984	8
2422.32	2423.47	1820.97	87.63072	86.28663	87.9082	88.29177	36.3479	8.605063	55.04703	20.5335	34.51353	24.34424	8
2422.325	2423.475	1820.975	86.25148	48.23526	85.45984	83.92554	55.11088	1.702151	43.18697	20.68938	22.49759	27.26856	8
2422.33	2423.48	1820.98	82.70952	35.51372	81.82812	79.46954	62.14382	0	37.85618	13.09024	24.76594	28.1215	8
2422.335	2423.485	1820.985	85.8679	93.20022	85.28846	76.26219	42.93777	5.303885	51.75835	27.94417	23.81418	26.39012	8
2422.34	2423.49	1820.99	92.13569	126.2895	92.00511	88.96915	25.68509	12.14588	62.16903	35.40245	26.76658	24.44269	8
2422.345	2423.495	1820.995	91.66234	95.21168	91.2706	87.91636	35.66538	8.618946	55.71568	23.1443	32.57137	25.04678	8
2422.35	2423.5	1821	86.1209	52.19159	84.72534	84.30912	58.95401	0	41.04599	23.18366	17.86232	27.68401	8
2422.355	2423.505	1821.005	85.01914	37.0523	84.79063	84.67637	54.58671	2.330246	43.08304	13.72257	29.36047	27.01024	8
2422.36	2423.51	1821.01	82.66056	46.84988	82.85643	83.92554	51.09664	3.334528	45.56883	22.49843	23.07041	26.00168	8
2422.365	2423.515	1821.015	86.74931	101.5125	85.09259	84.70901	48.46419	2.602851	48.93296	34.1634	14.76957	25.33435	8
2422.37	2423.52	1821.02	87.28795	80.61189	87.38588	85.77813	39.42802	7.384946	53.18703	18.36854	34.81849	24.9657	8
2422.375	2423.525	1821.025	88.88754	93.06035	87.56543	85.14972	45.94922	3.669443	50.38133	29.55466	20.82668	25.67699	8
2422.38	2423.53	1821.03	94.20047	89.81669	93.6047	93.34354	36.21712	8.619226	55.16365	38.80608	16.35757	24.66089	8
2422.385	2423.535	1821.035	95.78374	73.11218	96.11835	93.55574	31.5926	13.46159	54.94581	29.268	25.67781	24.85265	8
2422.39	2423.54	1821.04	87.73681	97.78263	86.40654	84.83143	45.92835	3.658768	50.41288	31.67564	18.73724	25.37578	8
2422.395	2423.545	1821.045	80.35094	80.11236	80.99568	83.72967	41.69326	5.857601	52.44914	20.90783	31.54131	24.07806	8
2422.4	2423.55	1821.05	80.85694	39.82306	81.19154	81.84444	53.38122	2.523255	44.09552	17.96277	26.13275	26.44591	8
2422.405	2423.555	1821.055	81.66489	30.33186	81.19971	79.80414	61.13319	0.034236	38.83258	15.47566	23.35692	28.38426	8
2422.41	2423.56	1821.06	84.4805	39.35017	84.01531	82.70952	56.3604	1.548012	42.09159	21.5403	20.55129	27.47405	8
2422.415	2423.565	1821.065	85.14156	32.77626	84.57844	83.86025	58.1021	1.026555	40.87134	21.94412	18.92722	27.8218	8
2422.42	2423.57	1821.07	87.22266	86.52641	86.0148	84.12141	48.17664	3.183748	48.63961	24.40607	24.23354	25.82094	8
2422.425	2423.575	1821.075	84.15405	54.40953	82.6932	81.37925	60.73276	0	39.26724	14.48375	24.78349	27.39036	8
2422.43	2423.58	1821.08	83.04413	27.12817	82.77481	81.06097	59.1216	0.806576	40.07182	11.11911	28.95271	28.1761	8
2422.435	2423.585	1821.085	81.57512	18.71597	81.17522	80.40807	63.52083	0	36.47917	23.31255	13.16662	28.12817	8
2422.44	2423.59	1821.09	78.87377	31.54407	78.66158	78.06581	61.44694	0	38.55306	12.67685	25.87621	28.01566	8
2422.445	2423.595	1821.095	83.46851	40.46247	83.14207	82.57895	55.94702	1.688474	42.36451	27.78332	14.58119	27.19311	8
2422.45	2423.6	1821.1	80.93855	35.10744	80.49784	79.39609	60.45599	0.205927	39.33808	19.1667	20.17138	28.0695	8
2422.455	2423.605	1821.105	81.67305	40.80215	81.47719	81.07729	56.50465	1.465218	42.03013	28.78192	13.24821	27.15894	8
2422.46	2423.61	1821.11	85.91687	75.98285	85.63939	83.24	44.7191	5.154604	50.12629	33.38041	16.74588	25.58161	8
2422.465	2423.615	1821.115	86.79012	95.20502	86.28412	86.51264	41.03493	6.021712	52.94336	20.21457	32.7288	24.5406	8
2422.47	2423.62	1821.12	84.57027	73.63836	84.4397	84.45602	45.38685	4.93173	49.68142	33.89399	15.78743	25.17484	8

2422.475	2423.625	1821.125	78.94722	28.53353	78.69422	79.09412	62.42417	0	37.57583	13.52419	24.05164	27.70307	8
2422.48	2423.63	1821.13	80.56313	66.2985	80.34278	80.37543	51.54541	2.761474	45.69312	14.14937	31.54375	25.81892	8
2422.485	2423.635	1821.135	88.6427	87.11919	89.1895	91.62154	33.12817	10.28221	56.58962	24.31247	32.27715	23.83184	8
2422.49	2423.64	1821.14	94.14334	108.899	94.51875	94.30656	24.12511	14.78692	61.08797	36.39581	24.69215	24.05829	8
2422.495	2423.645	1821.145	91.18083	75.87629	90.80542	92.24995	40.66104	7.141539	52.19743	29.53032	22.6671	24.70591	8
2422.5	2423.65	1821.15	85.77813	64.38694	84.24383	82.7993	57.39332	0.29724	42.30944	20.30514	22.0043	27.39215	8
2422.505	2423.655	1821.155	83.41139	95.9843	81.77915	78.22904	52.68316	1.720183	45.59666	25.3976	20.19906	26.30877	8
2422.51	2423.66	1821.16	88.78961	107.3071	88.32442	87.93268	35.95044	7.792096	56.25746	30.73555	25.52192	24.26643	8
2422.515	2423.665	1821.165	88.0959	89.51031	87.02679	86.24332	45.57591	4.115974	50.30811	23.61223	26.69588	25.31996	8
2422.52	2423.67	1821.17	83.48484	81.85074	82.80746	82.66056	48.63575	3.466944	47.89731	17.71373	30.18357	25.38258	8
2422.525	2423.675	1821.175	82.75033	53.67022	81.50983	79.02883	60.49538	0	39.50462	14.78164	24.72299	27.85541	8
2422.53	2423.68	1821.18	81.8526	83.94214	82.09744	80.96303	42.48414	5.650813	51.86505	36.04507	15.81999	24.84217	8
2422.535	2423.685	1821.185	88.88754	88.95749	89.42618	91.45015	32.52131	10.52627	56.95242	32.56405	24.38837	23.87043	8
2422.54	2423.69	1821.19	77.02118	21.73317	76.54783	75.94391	67.54954	0	32.45046	11.20792	21.24255	27.01308	8
2422.545	2423.695	1821.195	77.3966	60.011	77.02934	73.78119	57.11868	1.098068	41.78325	14.51275	27.2705	27.18782	8
2422.55	2423.7	1821.2	80.62026	52.82433	80.93855	80.12243	50.57915	3.26578	46.15507	18.13336	28.0217	26.09107	8
2422.555	2423.705	1821.205	83.79496	42.96681	83.07678	80.79981	58.07659	0.815745	41.10766	26.11211	14.99556	27.868	8
2422.56	2423.71	1821.21	84.3336	75.41005	83.77864	82.22802	48.4648	3.659246	47.87596	18.80934	29.06662	25.77209	9
2422.565	2423.715	1821.215	80.08162	55.85486	79.86127	78.81664	54.51576	1.906989	43.57725	20.00254	23.57471	26.60423	9
2422.57	2423.72	1821.22	87.38588	84.43501	87.23898	85.92503	40.3102	6.805236	52.88456	25.01841	27.86615	24.93352	9
2422.575	2423.725	1821.225	92.35604	93.89957	91.82556	90.07091	36.41994	8.259881	55.32018	33.37421	21.94596	24.84159	9
2422.58	2423.73	1821.23	93.10687	100.2404	92.45398	88.58558	35.14345	8.49385	56.3627	22.06389	34.29881	25.13248	9
2422.585	2423.735	1821.235	95.90616	94.63888	95.66948	94.9513	30.69795	11.83691	57.46513	28.72595	28.73919	24.4143	9
2422.59	2423.74	1821.24	100.1663	114.6203	100.0847	97.88116	20.74138	17.435	61.82362	40.72966	21.09396	24.43927	9
2422.595	2423.745	1821.245	95.76742	113.1018	95.53074	94.14334	26.35758	12.99018	60.65224	35.48906	25.16318	24.31767	9
2422.6	2423.75	1821.25	86.96966	96.34397	87.60623	88.03878	31.73924	10.23801	58.02276	22.23471	35.78805	24.01998	9
2422.605	2423.755	1821.255	90.06275	73.68498	89.70366	88.6427	42.09347	6.515265	51.39127	21.84413	29.54714	25.28215	9
2422.61	2423.76	1821.26	94.96762	77.50144	95.15533	93.70264	32.41971	12.30873	55.27156	30.26858	25.00298	24.6805	9
2422.615	2423.765	1821.265	98.4198	79.86592	98.69728	98.95028	27.97576	15.88064	56.1436	37.52296	18.62065	24.1178	9
2422.62	2423.77	1821.27	96.02041	94.15267	95.50626	95.55522	32.86097	10.36076	56.77827	36.52112	20.25715	24.40991	9
2422.625	2423.775	1821.275	88.07958	71.58693	87.85107	87.32059	43.41372	5.9559	50.63038	21.97456	28.65581	25.25587	9
2422.63	2423.78	1821.28	90.05459	53.67688	89.98114	89.89136	44.72922	6.331541	48.93924	31.05381	17.88543	25.5911	9
2422.635	2423.785	1821.285	88.13671	62.14236	87.9082	88.25913	45.64675	5.34449	49.00876	26.27189	22.73686	25.45384	9
2422.64	2423.79	1821.29	88.52845	49.35422	88.66719	89.53227	45.53487	6.068907	48.39622	27.14602	21.2502	25.50591	9
2422.645	2423.795	1821.295	87.74497	69.13587	88.31626	89.95665	38.1163	8.616911	53.26679	21.74981	31.51697	24.41928	9
2422.65	2423.8	1821.3	90.00562	55.28872	90.19333	90.87071	42.36023	7.496601	50.14317	16.87407	33.2691	25.16408	9
2422.655	2423.805	1821.305	88.70799	49.89372	88.78961	88.50396	45.68187	5.979653	48.33847	30.30165	18.03682	25.73601	9
2422.66	2423.81	1821.31	86.54528	40.87542	86.12906	85.15788	53.7122	2.567017	43.72079	28.21786	15.50293	27.04082	8
2422.665	2423.815	1821.315	82.33411	24.57054	82.17089	82.06479	59.57153	0.686226	39.74224	20.43593	19.30631	27.96977	8
2422.67	2423.82	1821.32	84.98649	89.45036	84.65189	82.92988	42.75865	5.517948	51.7234	32.29196	19.43144	25.03026	8
2422.675	2423.825	1821.325	80.45704	50.4865	80.4652	81.69754	53.69854	2.243711	44.05775	29.18245	14.8753	26.17678	8
2422.68	2423.83	1821.33	82.3994	47.27615	82.59527	83.52564	51.23374	3.257284	45.50897	25.08393	20.42504	26.02519	8
2422.685	2423.835	1821.335	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2423.015	2424.165	1821.665	75.91126	13.10784	76.18874	77.20889	64.83907	0	35.16093	13.45232	21.7086	27.17187	9
2423.02	2424.17	1821.67	79.61644	19.39534	79.64092	79.42873	61.86946	0	38.13054	20.47096	17.65958	28.26111	9
2423.025	2424.175	1821.675	81.93421	24.33076	82.04847	81.89341	57.84699	1.295977	40.85703	18.61506	22.24197	27.63714	9
2423.03	2424.18	1821.68	83.55013	24.41735	83.56645	83.47668	57.09839	1.651814	41.2498	27.14651	14.10329	27.56071	9
2423.035	2424.185	1821.685	84.97017	30.18533	85.12523	85.19052	53.32086	3.077783	43.60136	28.13723	15.46413	26.86037	9
2423.04	2424.19	1821.69	87.08392	28.63344	87.19001	87.02679	52.13126	3.80477	44.06397	16.78946	27.27451	26.81202	9
2423.045	2424.195	1821.695	88.11223	35.18736	88.202	88.65903	49.72567	4.706342	45.56799	27.73651	17.83148	26.2852	9
2423.05	2424.2	1821.7	89.39353	32.07691	89.37721	87.47565	50.12184	4.753867	45.1243	23.56009	21.56421	26.85838	9
2423.055	2424.205	1821.705	91.15635	36.93907	91.00129	90.18517	48.39864	5.452953	46.14841	18.47153	27.67688	26.40982	9
2423.06	2424.21	1821.71	90.99312	59.90443	90.936	90.87887	42.2322	7.33703	50.43077	26.12372	24.30706	25.2699	9
2423.065	2424.215	1821.715	89.03444	53.94996	89.02628	89.15686	45.09567	6.073989	48.83034	30.09164	18.73869	25.55209	9
2423.07	2424.22	1821.72	87.35324	50.59307	87.79394	88.0959	43.97604	6.648724	49.37523	27.92967	21.44557	25.38076	9
2423.075	2424.225	1821.725	89.71998	66.95789	89.58124	88.91202	42.32904	6.785741	50.88521	28.80803	22.07719	25.28292	9
2423.08	2424.23	1821.73	88.34074	52.23821	88.48764	89.92401	44.94639	6.19453	48.85908	28.52577	20.33331	25.28877	9
2423.085	2424.235	1821.735	87.81842	40.37588	88.61006	91.15635	43.30092	7.564241	49.13484	25.48055	23.65429	25.02174	9
2423.09	2424.24	1821.74	88.78144	72.63263	88.11223	88.99363	45.93041	4.677077	49.39252	22.41456	26.97796	25.29463	9
2423.095	2424.245	1821.745	87.31243	40.05618	87.62256	87.34508	47.5755	5.433964	46.99054	27.41922	19.57132	26.03869	9
2423.1	2424.25	1821.75	86.69218	36.51946	87.34508	89.57308	46.34555	6.097199	47.55725	25.53405	22.0232	25.44853	9
2423.105	2424.255	1821.755	87.98165	38.74406	88.44684	90.45449	46.07562	6.301033	47.62335	24.43399	23.18936	25.45957	9
2423.11	2424.26	1821.76	87.7613	46.84988	88.03878	89.09157	45.77147	6.0137	48.21483	20.82755	27.38729	25.50019	9
2423.115	2424.265	1821.765	86.98598	54.95569	86.80644	87.02679	48.0651	4.52005	47.41485	24.32092	23.09393	25.81301	9
2423.12	2424.27	1821.77	86.67586	39.70983	86.72483	85.3211	50.26894	4.152376	45.57869	22.61988	22.95881	26.60035	9
2423.125	2424.275	1821.775	88.11223	30.89135	88.22648	89.01812	50.57556	4.508881	44.91556	15.39802	29.51754	26.39986	9
2423.13	2424.28	1821.78	89.14054	33.23584	89.57308	90.35655	46.59543	6.494217	46.91035	15.87123	31.03913	25.83674	9
2423.135	2424.285	1821.785	89.49963	42.50058	90.16884	91.2298	42.18877	8.321897	49.48933	35.96979	13.51954	25.18096	9
2423.14	2424.29	1821.79	89.61388	49.49409	90.10356	91.1237	41.78271	8.121981	50.09531	28.77836	21.31696	25.08241	9
2423.145	2424.295	1821.795	89.85056	45.53776	90.15252	91.6705	43.97713	7.221893	48.80098	22.68458	26.1164	25.27184	9
2423.15	2424.3	1821.8	89.39353	32.35665	89.71182	91.36038	47.46092	6.124165	46.41491	33.76141	12.65351	25.80843	9
2423.155	2424.305	1821.805	90.20149	28.4203	90.37287	90.88703	48.80868	5.730028	45.46129	20.80931	24.65198	26.27094	9
2423.16	2424.31	1821.81	88.79777	34.3215	88.70799	88.47132	50.69599	4.309589	44.99442	26.19767	18.79675	26.59402	9

2423.165	2424.315	1821.815	93.36803	38.25785	93.23745	93.13135	45.855	6.942337	47.20266	26.16458	21.03808	25.9638	9
2423.17	2424.32	1821.82	98.07703	46.51685	98.03622	98.90131	38.8283	11.33423	49.83747	23.8863	25.95117	24.91917	9
2423.175	2424.325	1821.825	97.70978	70.3614	97.63633	97.06504	33.64879	12.45132	53.89989	24.50959	29.3903	24.65103	9
2423.18	2424.33	1821.83	96.36318	118.6699	97.65265	97.62	12.63438	22.67096	64.69466	54.1693	10.52536	24.28251	9
2423.185	2424.335	1821.835	87.26346	57.43339	86.99415	85.89239	47.90595	4.490504	47.60354	24.36636	23.23719	26.01654	9
2423.19	2424.34	1821.84	86.36573	32.50984	86.32493	86.59425	52.99239	3.211281	43.79633	20.80008	22.99625	26.792	9
2423.195	2424.345	1821.845	87.90004	39.09707	88.41419	90.36471	45.68578	6.463943	47.85028	29.5469	18.30338	25.41583	9
2423.2	2424.35	1821.85	88.76512	43.67282	89.31192	91.71131	43.52957	7.42572	49.04471	24.52672	24.51799	25.05321	9
2423.205	2424.355	1821.855	90.16884	46.53683	90.48713	88.74064	43.31603	7.553281	49.13069	16.24409	32.8866	25.79602	9
2423.21	2424.36	1821.86	90.56058	43.48633	91.16451	91.85821	41.48014	8.834957	49.68491	34.0025	15.68241	25.1788	9
2423.215	2424.365	1821.865	91.07474	45.73757	91.14003	90.80542	44.63676	6.960783	48.40246	23.37085	25.03161	25.72289	9
2423.22	2424.37	1821.87	94.15966	45.8508	94.08621	93.82505	42.84646	8.243035	48.91051	19.685	29.22551	25.56289	9
2423.225	2424.375	1821.875	100.2479	41.16182	99.61133	98.59935	42.7442	8.789275	48.46652	28.5583	19.90823	25.86592	9
2423.23	2424.38	1821.88	105.8628	58.8321	105.2262	104.6957	33.30229	14.52315	52.17455	33.61065	18.56391	24.65153	9
2423.235	2424.385	1821.885	106.5891	63.05485	106.2301	105.112	29.46168	18.05758	52.48074	19.90034	32.58039	24.30899	9
2423.24	2424.39	1821.89	106.4341	73.97805	107.2012	107.2339	18.23254	29.32001	52.44745	26.63984	25.80761	23.23303	9
2423.245	2424.395	1821.895	101.1701	46.62342	100.9661	97.99542	37.22185	12.87829	49.89986	19.64946	30.2504	25.45153	9
2423.25	2424.4	1821.9	96.6325	39.98291	96.77124	96.06938	40.347	10.80087	48.85214	29.73522	19.11692	25.38316	9
2423.255	2424.405	1821.905	95.04107	37.51853	95.40016	95.85719	40.69977	10.58902	48.71121	18.22287	30.48834	25.20636	9
2423.26	2424.41	1821.91	93.35987	65.51923	94.30656	95.56339	30.91637	14.15192	54.93171	24.77529	30.15642	24.13517	9
2423.265	2424.415	1821.915	96.2326	57.53996	97.06504	97.89748	31.08992	15.67786	53.23222	28.45381	24.77841	24.19822	9
2423.27	2424.42	1821.92	98.3137	59.32497	98.11784	97.51391	36.71273	11.42638	51.86089	19.00746	32.85344	24.95938	9
2423.275	2424.425	1821.925	95.59603	44.43212	95.80006	95.8327	39.71785	10.64791	49.63424	27.14123	22.49301	25.1541	9
2423.28	2424.43	1821.93	94.29024	42.42065	94.16782	93.53125	43.93592	7.84812	48.21596	33.35851	14.85745	25.79516	9
2423.285	2424.435	1821.935	93.00077	38.30447	93.18032	93.09055	43.77812	8.21123	48.01065	31.68824	16.3224	25.66536	9
2423.29	2424.44	1821.94	95.61235	30.36517	95.57155	95.88167	45.00451	8.366365	46.62912	19.86018	26.76895	25.84788	9
2423.295	2424.445	1821.945	95.18797	40.68892	94.60037	93.98828	47.13429	5.879851	46.98586	30.24148	16.74439	26.3043	9
2423.3	2424.45	1821.95	95.392	69.12255	94.15966	93.04158	45.06232	4.580067	50.35761	20.06194	30.29567	25.97212	9
2423.305	2424.455	1821.955	95.03291	55.24875	94.48611	93.91483	43.43722	6.987436	49.57534	16.58446	32.99088	25.68489	9
2423.31	2424.46	1821.96	94.20863	46.49687	93.46596	92.71513	47.83149	4.974975	47.19353	30.45004	16.7435	26.36885	9
2423.315	2424.465	1821.965	93.40067	44.19234	93.07423	91.90718	45.9068	6.414718	47.67848	28.64212	19.03636	26.13207	9
2423.32	2424.47	1821.97	90.42184	48.60158	90.80542	92.75594	42.07761	8.131049	49.79134	18.0811	31.71024	24.96305	9
2423.325	2424.475	1821.975	90.72381	54.05653	91.85005	95.93064	34.72404	11.99895	53.27701	21.21981	32.0572	23.91128	9
2423.33	2424.48	1821.98	92.44581	40.15609	93.00894	93.8577	40.86789	9.787931	49.34418	30.24534	19.09884	25.1254	9
2423.335	2424.485	1821.985	93.21297	50.12684	93.76793	94.86969	37.81243	11.0098	51.17776	33.68166	17.4961	24.71968	9
2423.34	2424.49	1821.99	94.57588	46.21047	95.40016	96.50192	35.41909	13.29536	51.28555	32.70769	18.57786	24.51813	9
2423.345	2424.495	1821.995	99.0074	86.95934	98.99108	99.29305	27.99553	14.99371	57.01076	23.36722	33.64354	24.12243	9
2423.35	2424.5	1822	102.8024	78.33401	102.884	101.0314	25.83251	18.7582	55.40929	25.13082	30.27846	24.31692	9
2423.355	2424.505	1822.005	96.45295	80.27221	96.30605	97.13849	32.97589	11.7472	55.27691	30.61473	24.66218	24.30852	9
2423.36	2424.51	1822.01	92.09488	70.97417	92.1765	92.81307	37.46447	9.360764	53.17477	33.09346	20.08131	24.63164	9
2423.365	2424.515	1822.015	95.10636	102.3317	94.58404	96.22444	31.78581	10.3341	57.88009	40.68643	17.19365	23.97997	9
2423.37	2424.52	1822.02	96.78756	103.6039	96.25709	96.64066	29.99449	11.37591	58.62959	27.3348	31.29479	24.17609	9
2423.375	2424.525	1822.025	97.01608	91.66164	96.32238	92.04592	33.93927	9.783173	56.27756	25.59572	30.68184	25.32752	9
2423.38	2424.53	1822.03	95.70213	41.26173	95.26958	94.63301	45.32091	7.039034	47.64005	34.4869	13.15315	26.04207	9
2423.385	2424.535	1822.035	93.73528	31.23103	93.73528	93.28642	46.20563	7.345278	46.44909	17.29913	29.14996	26.12449	9
2423.39	2424.54	1822.04	91.62154	31.41752	91.63786	91.31957	47.97865	6.103422	45.91793	32.90025	13.01768	26.31095	9
2423.395	2424.545	1822.045	91.30325	40.24267	91.33589	90.16884	46.00929	6.582001	47.40871	32.92102	14.48769	26.10609	9
2423.4	2424.55	1822.05	89.67917	36.58606	90.00562	90.74013	46.11137	6.615126	47.27351	20.86861	26.40489	25.75896	9
2423.405	2424.555	1822.055	90.96048	70.60118	91.16451	91.67866	37.64964	9.176948	53.17341	36.72247	16.45094	24.64392	9
2423.41	2424.56	1822.06	91.18899	62.02913	91.88269	91.98879	35.7189	10.93689	53.34421	22.6086	30.73562	24.64925	9
2423.415	2424.565	1822.065	91.54808	33.08265	91.53992	91.2706	47.83301	6.062567	46.10442	32.967	13.13742	26.2647	9
2423.42	2424.57	1822.07	88.62638	32.51651	88.56925	87.72049	51.03748	4.227953	44.73457	31.5567	13.17787	26.77181	9
2423.425	2424.575	1822.075	81.04464	41.10854	80.84878	78.62893	57.00864	1.278312	41.71305	28.61275	13.1003	27.53414	1
2423.43	2424.58	1822.08	72.18976	19.8416	71.83067	71.71641	71.56672	0	28.43328	11.93335	16.49993	26.30257	1
2423.435	2424.585	1822.085	69.79854	13.29434	69.62715	69.19461	73.89635	0	26.10365	21.32538	4.778274	26.12343	1
2423.44	2424.59	1822.09	70.74523	17.59035	70.54936	69.35783	72.1755	0	27.8245	4.28071	23.54379	26.37922	1
2423.445	2424.595	1822.095	72.24689	14.28675	72.08367	71.65112	71.34045	0	28.65955	10.2515	18.40805	26.38511	1
2423.45	2424.6	1822.1	74.4096	16.1317	74.13212	73.77303	69.78976	0	30.21024	8.39755	21.81269	26.62841	1
2423.455	2424.605	1822.105	80.26117	19.17555	80.14691	79.73069	62.40473	0	37.59527	17.43167	20.1636	28.23298	9
2423.46	2424.61	1822.11	86.61057	37.67172	86.47183	86.95334	52.27695	3.330735	44.39231	18.32777	26.06454	26.5778	9
2423.465	2424.615	1822.115	86.98598	40.90206	86.99415	87.93268	50.01135	4.235648	45.753	18.59524	27.15776	26.1241	9
2423.47	2424.62	1822.12	88.35706	65.23949	88.37338	88.202	42.79705	6.581818	50.62113	32.31101	18.31012	25.20351	9
2423.475	2424.625	1822.125	87.37772	40.90872	87.44301	88.0551	49.20659	4.630925	46.16248	20.55986	25.60262	26.08403	9
2423.48	2424.63	1822.13	89.28744	55.19547	89.31192	87.5083	44.30851	6.421081	49.27041	28.88521	20.3852	25.80879	9
2423.485	2424.635	1822.135	90.14436	68.43652	89.89136	89.39353	42.46627	6.634842	50.89888	21.53735	29.36153	25.26361	9
2423.49	2424.64	1822.14	89.79343	93.58652	88.94467	88.17752	41.32002	5.788081	52.8919	17.94519	34.94671	24.9253	9
2423.495	2424.645	1822.145	85.00282	36.5794	85.23133	87.39404	51.17422	3.762814	45.06297	14.36945	30.69352	26.04988	9
2423.5	2424.65	1822.15	86.15354	37.57848	86.69218	87.95716	47.4703	5.458323	47.07137	29.21959	17.85179	25.735	9
2423.505	2424.655	1822.155	84.49682	46.30372	85.07627	86.3739	46.56673	5.310693	48.12257	32.14556	15.97702	25.45465	9
2423.51	2424.66	1822.16	84.94569	39.25692	84.93753	84.89672	52.41304	3.153323	44.43364	18.35334	26.08029	26.60137	9
2423.515	2424.665	1822.165	80.47336	51.4989	80.04898	79.52666	56.79073	1.21916	41.99011	17.90413	24.08598	26.96513	1
2423.52	2424.67	1822.17	73.822	45.8508	73.20175	67.93779	65.7948	0	34.2052	10.61079	23.59441	27.67973	1
2423.525	2424.675	1822.175	75.1033	24.73705	74.86663	74.64628	66.75282	0	33.24718	9.648933	23.59825	26.88636	1

2423.53	2424.68	1822.18	71.09616	50.82619	70.99823	67.63582	63.05058	0	36.94942	8.270293	28.67912	27.42958	1
2423.535	2424.685	1822.185	77.47821	41.04193	77.82914	77.86178	56.06819	1.424328	42.50748	30.03417	12.47331	26.78494	1
2423.54	2424.69	1822.19	74.83398	69.37565	73.84648	72.32034	62.01698	0	37.98302	21.2717	16.71133	27.30805	1
2423.545	2424.695	1822.195	73.63429	45.47782	74.24638	75.39711	56.50713	1.047934	42.44493	20.4975	21.94743	26.36843	1
2423.55	2424.7	1822.2	73.18543	54.4828	73.48739	75.08698	57.14435	0.957534	41.89811	12.28479	29.61332	26.16476	1
2423.555	2424.705	1822.205	69.97808	111.3034	70.73707	62.78808	42.80256	4.723187	52.47425	31.66695	20.8073	24.99136	1
2423.56	2424.71	1822.21	70.90029	66.09869	70.78604	65.22011	59.66133	0.506617	39.83205	12.81328	27.01877	27.49952	1
2423.565	2424.715	1822.215	73.99338	43.63952	72.94059	71.34916	69.52447	0	30.47553	8.276147	22.19939	26.67731	1
2423.57	2424.72	1822.22	81.39557	51.29242	80.53049	78.44939	59.40772	0.329534	40.26275	13.29902	26.96373	27.77864	9
2423.575	2424.725	1822.225	87.31243	32.27673	87.35324	86.85541	51.54535	3.927423	44.52723	24.45985	20.06738	26.73939	9
2423.58	2424.73	1822.23	88.44684	32.09689	88.53661	88.41419	50.16572	4.672034	45.16224	15.77729	29.38496	26.49946	9
2423.585	2424.735	1822.235	91.24612	31.67062	91.23796	90.55242	48.45253	5.789993	45.75748	20.49305	25.26443	26.4359	9
2423.59	2424.74	1822.24	93.22113	51.74534	93.73528	93.95563	37.7295	10.922	51.3485	24.51164	26.83686	24.86427	9
2423.595	2424.745	1822.245	92.69065	50.04025	92.93549	93.11503	40.71739	9.105642	50.17697	25.71448	24.46249	25.17293	9
2423.6	2424.75	1822.25	93.3109	44.51871	93.32722	93.87402	43.25395	8.043889	48.70216	22.6037	26.09847	25.44849	9
2423.605	2424.755	1822.255	93.64551	66.86464	93.70264	95.84087	37.22214	9.974905	52.80295	25.18405	27.6189	24.39274	9
2423.61	2424.76	1822.26	92.74778	68.95604	93.04974	93.75976	35.64446	10.69626	53.65928	32.56944	21.08983	24.50094	9
2423.615	2424.765	1822.265	93.34354	92.36099	93.07423	96.03673	33.8598	9.908363	56.23184	27.58004	28.6518	23.83919	9
2423.62	2424.77	1822.27	94.86969	69.87519	94.45347	90.22597	39.0358	8.555107	52.40909	28.84177	23.56732	25.76362	9
2423.625	2424.775	1822.275	92.37236	46.48355	91.90718	91.16451	47.37361	5.363669	47.26272	20.16871	27.09402	26.20921	9
2423.63	2424.78	1822.28	89.83424	34.88098	89.47514	89.37721	51.69427	3.787596	44.51813	24.93746	19.58067	26.76159	9
2423.635	2424.785	1822.285	87.88371	21.18701	87.82659	88.17752	54.46247	3.097482	42.44005	15.5875	26.85255	27.22652	9
2423.64	2424.79	1822.29	91.06657	31.00457	90.84622	91.10738	50.42337	4.72141	44.85522	13.57608	31.27914	26.57188	9
2423.645	2424.795	1822.295	92.18466	44.03249	92.8702	93.96379	39.22132	10.43606	50.34261	28.76189	21.58072	24.88229	9
2423.65	2424.8	1822.3	93.34354	69.40229	94.21679	95.88167	30.56092	14.02416	55.41491	23.39999	32.01493	24.02278	9
2423.655	2424.805	1822.305	96.66515	94.47903	96.60802	96.16731	28.64689	13.37398	57.97913	37.37754	20.60159	24.26735	9
2423.66	2424.81	1822.31	100.0602	129.5532	99.75823	99.33385	18.93297	16.85809	64.20893	45.5003	18.70864	24.15113	9
2423.665	2424.815	1822.315	104.3122	122.8461	104.0265	104.8998	16.51778	20.35834	63.12388	49.72958	13.3943	23.88049	9
2423.67	2424.82	1822.32	109.6088	150.0208	109.3395	109.6088	4.942101	28.45421	66.60369	66.60369	0	-9999	9
2423.675	2424.825	1822.325	108.8661	105.2224	109.0212	107.5114	13.17762	28.96151	57.86086	34.02555	23.83531	23.78254	9
2423.68	2424.83	1822.33	104.4591	87.46554	103.9286	105.4221	26.84219	16.07574	57.08207	40.44183	16.64024	23.88508	9
2423.685	2424.835	1822.335	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2423.89	2425.04	1822.54	78.58813	112.6688	78.37594	76.08265	42.07754	5.319214	52.60324	19.32411	33.27913	24.3354	-9999
2423.895	2425.045	1822.545	74.86663	71.9466	74.19741	73.25888	58.89806	0.733514	40.36843	23.40986	16.95857	26.63602	-9999
2423.9	2425.05	1822.55	77.55166	103.8903	75.85413	73.07117	56.66685	1.297463	42.03569	25.14922	16.88647	26.13417	-9999
2423.905	2425.055	1822.555	76.20506	66.65817	75.60114	74.46673	58.4405	0.775988	40.78351	11.339	29.44451	26.79434	-9999
2423.91	2425.06	1822.56	72.01838	71.86001	70.41879	65.38334	68.74981	0	31.25019	6.377055	24.87314	27.39216	-9999
2423.915	2425.065	1822.565	76.39277	123.4255	76.12345	64.1918	41.9369	5.333158	52.72994	35.31214	17.41781	25.76575	-9999
2423.92	2425.07	1822.57	80.62842	221.6078	81.67305	67.13799	4.096877	16.60538	79.29774	71.86419	7.43355	-9999	-9999
2423.925	2425.075	1822.575	85.60674	187.546	84.30912	82.23618	25.91227	9.30815	64.77958	30.32673	34.45284	23.19226	-9999
2423.93	2425.08	1822.58	84.65189	172.4201	83.83577	83.84393	26.71952	9.51476	63.76572	41.65262	22.1131	22.95079	-9999
2423.935	2425.085	1822.585	78.44939	127.948	77.41292	73.316	44.89579	4.45809	50.64612	17.82067	32.82544	24.56205	-9999
2423.94	2425.09	1822.59	67.40731	56.3877	66.14233	64.70596	74.14307	0	25.85693	13.23852	12.61841	26.65353	-9999
2423.945	2425.095	1822.595	71.83067	108.4061	69.68428	65.44046	64.31603	0.354682	35.32928	16.21485	19.11444	27.183	-9999
2423.95	2425.1	1822.6	69.50473	195.6052	63.69397	59.15635	73.75258	1.667081	24.58034	10.25877	14.32157	26.97983	-9999
2423.955	2425.105	1822.605	75.03801	160.964	75.58481	75.70723	27.77404	9.146492	63.07947	29.10256	33.97691	22.5851	-9999
2423.96	2425.11	1822.61	69.58634	79.89922	69.45577	68.4193	57.65694	1.156797	41.18626	23.12892	18.05734	25.93495	-9999
2423.965	2425.115	1822.615	62.4045	48.64155	61.8169	61.44149	75.37054	0	24.62946	14.41868	10.21078	26.23103	-9999
2423.97	2425.12	1822.62	68.03572	44.55867	67.90514	67.3665	67.63593	0	32.36407	12.07933	20.28474	26.33947	-9999
2423.975	2425.125	1822.625	73.14462	53.6902	71.088	69.28438	75.65271	0	24.34729	8.671275	15.67602	26.47822	-9999
2423.98	2425.13	1822.63	73.43842	53.39048	72.32034	71.07984	68.18129	0	31.81871	6.061017	25.75769	26.68	9
2423.985	2425.135	1822.635	76.27035	39.05044	75.40527	75.07066	67.08548	0	32.91452	10.5547	22.35982	26.72398	9
2423.99	2425.14	1822.64	78.35961	35.16072	77.9842	78.14742	62.30972	0	37.69028	26.08385	11.60643	27.55302	9
2423.995	2425.145	1822.645	80.81613	46.65006	80.59578	81.4119	56.06757	1.51523	42.4172	19.02169	23.39551	26.69949	9
2424	2425.15	1822.65	81.38741	68.15012	80.71004	79.0778	53.88093	1.950568	44.1685	29.09836	15.07014	26.45785	9
2424.005	2425.155	1822.655	83.24816	99.48106	83.20736	81.61593	39.65352	6.430371	53.91611	34.12789	19.78821	24.5287	9
2424.01	2425.16	1822.66	87.05943	122.8594	86.02296	89.23847	38.206	6.170744	55.62326	29.53209	26.09117	23.42107	9
2424.015	2425.165	1822.665	85.63939	88.40466	86.45551	89.93217	33.49292	9.565554	56.94153	37.06267	19.87885	23.56152	9
2424.02	2425.17	1822.67	81.73018	93.12029	81.73018	81.4119	42.27312	5.548488	52.17839	33.43336	18.74503	24.50162	9
2424.025	2425.175	1822.675	81.28132	82.97637	80.01633	74.27086	54.94453	1.427394	43.62808	28.18301	15.44507	27.10609	9
2424.03	2425.18	1822.68	81.49351	99.68753	80.15507	79.48586	51.27445	2.410366	46.31518	25.25317	21.06201	25.35565	9
2424.035	2425.185	1822.685	80.33462	93.45331	79.36344	80.41623	51.0031	2.665689	46.33121	20.95303	25.37819	25.0348	9
2424.04	2425.19	1822.69	79.18389	92.30105	78.79216	77.52717	47.84992	3.691672	48.45841	34.46743	13.99097	25.04847	9
2424.045	2425.195	1822.695	81.72202	82.32364	81.65673	79.86127	45.39941	4.638711	49.96188	24.01306	25.94881	25.22077	9
2424.05	2425.2	1822.7	83.65622	111.4699	83.62358	80.88142	36.31355	7.423164	56.26329	22.29137	33.97192	24.40595	9
2424.055	2425.205	1822.705	84.65189	100.973	85.50881	85.67203	31.04364	9.989713	58.96665	33.69971	25.26694	23.9341	9
2424.06	2425.21	1822.71	81.75467	74.7107	82.18721	82.75033	43.35351	5.511	51.13549	34.08883	17.04665	24.73391	9
2424.065	2425.215	1822.715	82.79114	82.73659	83.74599	86.45551	36.40975	8.061307	55.52894	30.15905	25.36989	23.81857	9
2424.07	2425.22	1822.72	83.81128	80.75842	84.0398	86.3739	41.5791	6.207381	52.21352	22.41203	29.80149	24.2503	9
2424.075	2425.225	1822.725	86.70034	72.87241	86.92069	87.46749	40.89284	7.006936	52.10023	35.97671	16.12352	24.74249	9
2424.08	2425.23	1822.73	87.58991	72.00654	88.02245	90.02194	38.63949	8.197307	53.1632	18.21869	34.94451	24.33952	9
2424.085	2425.235	1822.735	86.30044	77.29497	86.28412	85.1742	42.02471	6.288847	51.68645	27.1214	24.56505	25.07141	9
2424.09	2425.24	1822.74	84.45602	70.62116	84.78246	86.3739	42.68018	6.12095	51.19887	27.1547	24.04418	24.65226	9

2424.095	2425.245	1822.745	82.78298	82.87646	82.61975	84.37441	45.04854	4.781383	50.17007	29.45752	20.71256	24.57482	9
2424.1	2425.25	1822.75	85.47617	76.56232	85.59858	84.74166	41.88511	6.331537	51.78335	17.83773	33.94563	24.9899	9
2424.105	2425.255	1822.755	86.95334	79.49959	86.99415	85.63939	40.44778	6.941494	52.61073	23.21585	29.39488	24.98248	9
2424.11	2425.26	1822.76	89.48331	89.03075	89.40985	87.79394	36.69916	8.41638	54.88446	34.84521	20.03925	24.74841	9
2424.115	2425.265	1822.765	91.65418	93.74638	91.88269	91.95614	31.22056	11.28837	57.49108	26.58361	30.90747	24.18222	9
2424.12	2425.27	1822.77	89.68734	71.34715	89.79343	89.5894	39.3994	8.060382	52.54022	23.34036	29.19985	24.87001	9
2424.125	2425.275	1822.775	91.10738	77.64798	91.45831	91.93982	34.67069	10.39459	54.93473	21.53587	33.39886	24.38564	9
2424.13	2425.28	1822.78	86.82276	95.10512	87.10024	85.4272	34.95715	8.773473	56.26938	38.723	17.54637	24.50815	9
2424.135	2425.285	1822.785	87.23082	106.2215	87.43485	87.46749	32.46082	9.469805	58.06937	41.09423	16.97514	23.98409	9
2424.14	2425.29	1822.79	86.02296	81.3179	86.34941	87.63888	38.64997	7.605317	53.74471	21.50944	32.23527	24.30896	9
2424.145	2425.295	1822.795	85.05995	68.40322	85.1742	85.20685	44.30578	5.565569	50.12865	16.43337	33.69528	25.14475	9
2424.15	2425.3	1822.8	85.73732	62.64189	85.75365	86.24332	45.83583	5.156901	49.00727	25.19079	23.81649	25.32919	9
2424.155	2425.305	1822.805	86.87173	105.5155	88.18568	89.68734	24.36016	13.31302	62.32682	45.57297	16.75385	23.7171	9
2424.16	2425.31	1822.81	87.76946	165.1735	89.71998	89.27111	4.163574	20.54419	75.29223	67.60145	7.690783	-9999	9
2424.165	2425.315	1822.815	90.40552	165.5531	91.3767	90.12804	9.236422	18.57782	72.18575	62.03679	10.14896	24.72285	9
2424.17	2425.32	1822.82	90.72381	87.73862	90.85438	90.8299	34.28937	9.870408	55.84022	32.57073	23.2695	24.36484	9
2424.175	2425.325	1822.825	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2424.515	2425.665	1823.165	90.72381	93.93953	90.936	92.35604	32.15625	10.64161	57.20214	28.93915	28.26299	23.94309	9
2424.52	2425.67	1823.17	89.80159	100.7066	90.07091	92.33156	30.92432	10.78061	58.29507	41.10891	17.18616	23.66365	9
2424.525	2425.675	1823.175	85.11707	86.1401	85.34559	85.99848	39.07541	7.161406	53.76318	19.47335	34.28983	24.35263	9
2424.53	2425.68	1823.18	79.74702	92.9338	79.87759	79.71437	43.13078	5.174462	51.69476	21.78226	29.9125	24.4395	9
2424.535	2425.685	1823.185	81.92605	80.73844	82.30963	82.9462	42.11662	5.852844	52.03054	33.7217	18.30883	24.52566	9
2424.54	2425.69	1823.19	87.30427	88.65776	87.66336	86.93702	35.44193	8.889986	55.66808	33.12229	22.54579	24.44497	9
2424.545	2425.695	1823.195	88.21832	90.10975	88.3081	86.56976	36.33684	8.468553	55.1946	34.17878	21.01583	24.68957	9
2424.55	2425.7	1823.2	84.7743	109.0189	84.93753	82.96252	34.36009	8.337118	57.30279	21.47431	35.82849	24.27744	9
2424.555	2425.705	1823.205	84.17038	78.82688	84.09693	85.34559	44.05639	5.299817	50.64379	34.40075	16.24305	24.70076	9
2424.56	2425.71	1823.21	82.73401	63.84078	82.76665	84.12957	48.18225	4.039827	47.77793	32.71491	15.06301	25.28387	9
2424.565	2425.715	1823.215	82.77481	83.12956	82.95436	85.64755	42.33834	5.782791	51.87887	25.71682	26.16205	24.15825	9
2424.57	2425.72	1823.22	83.23184	97.78263	84.09693	88.4958	33.0589	9.033588	57.90751	22.56466	35.34285	23.18629	9
2424.575	2425.725	1823.225	85.12523	88.2981	85.41088	85.32926	38.10292	7.498263	54.39881	31.21003	23.18879	24.39905	9
2424.58	2425.73	1823.23	83.58277	163.3685	84.60292	84.8804	15.66254	14.13258	70.20488	43.60027	26.60462	23.6855	9
2424.585	2425.735	1823.235	84.92937	149.1283	86.57792	87.28795	12.9996	16.09894	70.90147	46.33047	24.571	24.10046	9
2424.59	2425.74	1823.24	87.63888	164.4874	89.30376	88.82225	6.663447	19.23667	74.09988	60.06343	14.03644	-9999	9
2424.595	2425.745	1823.245	89.94033	108.0531	91.05841	92.11937	22.44091	14.98005	62.57904	32.19412	30.38492	23.82178	9
2424.6	2425.75	1823.25	89.40985	89.67682	90.07091	91.93982	30.91796	11.4122	57.66984	22.86025	34.8096	23.83257	9
2424.605	2425.755	1823.255	89.0426	98.1423	90.03827	92.31524	26.61397	13.1142	60.27182	31.83477	28.43705	23.62249	9
2424.61	2425.76	1823.26	88.21832	99.40779	89.12421	90.56058	27.7618	12.25876	59.97944	25.37133	34.60811	23.75735	9
2424.615	2425.765	1823.265	86.12906	113.921	86.74115	89.32008	28.4487	10.85546	60.69584	35.22373	25.47211	23.33765	9
2424.62	2425.77	1823.27	77.91891	92.34767	78.31065	76.71922	42.93051	5.129598	51.9399	29.06491	22.87499	24.61257	9
2424.625	2425.775	1823.275	75.38894	90.26294	75.65826	75.59297	46.71132	3.921773	49.36691	16.84178	32.52513	24.54433	9
2424.63	2425.78	1823.28	73.9689	116.1123	74.09948	70.49224	42.83745	5.007323	52.15523	20.46511	31.69012	24.28929	9
2424.635	2425.785	1823.285	65.51392	66.87131	65.02424	63.69397	67.33929	0	32.66071	8.243975	24.41673	26.61731	9
2424.64	2425.79	1823.29	65.42414	45.95071	65.45679	65.80772	68.43672	0	31.56328	11.06657	20.49671	25.95434	9
2424.645	2425.795	1823.295	67.0727	50.30667	67.3257	68.47642	64.15818	0	35.84182	20.27129	15.57054	26.11912	9
2424.65	2425.8	1823.3	67.79088	42.50724	68.04388	68.04388	65.38491	0	34.61509	18.99587	15.61922	26.27092	9
2424.655	2425.805	1823.305	67.04006	38.7707	66.87683	67.3257	70.20562	0	29.79438	18.35126	11.44312	25.9725	9
2424.66	2425.81	1823.31	64.70596	40.2893	64.90999	65.47311	69.13928	0	30.86072	6.61103	24.24969	25.7571	9
2424.665	2425.815	1823.315	65.48127	53.4371	65.58737	66.25658	66.00321	0	33.99679	17.22321	16.77357	26.03473	9
2424.67	2425.82	1823.32	65.44863	53.33719	65.66898	66.30555	65.17194	0	34.82806	20.19465	14.63341	26.05107	9
2424.675	2425.825	1823.325	70.3943	58.31258	70.36982	70.6881	61.31535	0.018692	38.66596	26.51323	12.15273	26.83851	9
2424.68	2425.83	1823.33	67.64398	58.06614	67.66847	66.37084	63.52578	0	36.47422	18.20195	18.27227	26.74519	9
2424.685	2425.835	1823.335	66.98293	53.71684	67.27673	67.92146	63.09926	0	36.90074	8.529257	28.37148	26.29344	9
2424.69	2425.84	1823.34	63.58788	45.71759	62.99211	61.5231	75.05268	0	24.94732	4.858715	20.0886	26.39943	9
2424.695	2425.845	1823.345	59.89902	43.57958	58.62588	57.1487	84.21351	0	15.78649	4.524999	11.26149	27.29598	9
2424.7	2425.85	1823.35	57.26296	17.58369	56.88755	57.27112	85.97228	0	14.02772	14.02772	0	26.3387	9
2424.705	2425.855	1823.355	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2425	2426.15	1823.65	93.80057	76.51569	93.53125	91.27877	37.2739	9.108642	53.61746	20.56405	33.05341	25.14862	-9999
2425.005	2426.155	1823.655	95.74293	110.8039	95.25326	93.44148	28.89691	11.45077	59.65232	24.55072	35.1016	24.46012	-9999
2425.01	2426.16	1823.66	97.31804	80.79173	97.50575	96.86917	29.46107	14.41106	56.12787	28.54982	27.57805	24.34496	-9999
2425.015	2426.165	1823.665	98.78705	102.7114	98.88499	97.10585	23.50076	16.60338	59.89586	29.55489	30.34096	24.34558	-9999
2425.02	2426.17	1823.67	94.58404	86.53973	94.46979	93.18848	32.92555	11.06047	56.01398	28.7965	27.21748	24.61841	-9999
2425.025	2426.175	1823.675	86.58609	65.19952	86.62689	83.64806	44.24627	5.802016	49.95171	19.57551	30.3762	25.79025	-9999
2425.03	2426.18	1823.68	80.67739	40.06284	80.11427	78.21271	60.44579	0.155215	39.399	12.35796	27.04104	28.08698	-9999
2425.035	2426.185	1823.685	82.37492	42.24082	81.47719	79.60011	60.95021	0	39.04979	20.70392	18.34587	28.07609	-9999
2425.04	2426.19	1823.69	84.44786	35.17404	84.14589	82.75849	56.13607	1.756105	42.10782	13.5787	28.52913	27.4872	-9999
2425.045	2426.195	1823.695	90.16068	50.52647	89.97298	89.24663	46.2795	5.703049	48.01745	15.94111	32.07634	25.91643	-9999
2425.05	2426.2	1823.7	82.66056	48.60825	82.62791	80.6121	52.44209	2.796393	44.76152	30.37759	14.38393	26.70884	-9999
2425.055	2426.205	1823.705	83.32161	51.5988	82.77481	80.51417	55.0949	1.751357	43.15374	28.46096	14.69279	27.15201	-9999
2425.06	2426.21	1823.71	87.72865	40.43583	87.96533	88.26729	47.66995	5.410606	46.91945	20.80625	26.1132	25.93429	-9999
2425.065	2426.215	1823.715	91.91534	57.68649	91.41751	92.0704	45.33596	5.743933	48.92011	28.799	20.12111	25.54674	-9999
2425.07	2426.22	1823.72	86.62689	72.25298	86.14538	86.45551	46.54974	4.494091	48.95617	33.76194	15.19423	25.3461	-9999
2425.075	2426.225	1823.725	74.80134	27.94075	74.28719	72.6223	68.4058	0	31.5942	24.80451	6.789686	26.90175	2
2425.08	2426.23	1823.73	74.31167	59.88445	73.10381	72.1816	66.5021	0	33.4979	24.59512	8.90278	26.71672	2

2425.085	2426.235	1823.735	71.78986	32.60309	71.03087	70.45143	71.94555	0	28.05445	18.2035	9.850952	26.34172	2
2425.09	2426.24	1823.74	71.70009	62.84171	70.40246	69.60267	68.88484	0	31.11516	17.70948	13.40568	26.57476	2
2425.095	2426.245	1823.745	80.48152	134.5152	77.82098	74.54834	54.02354	1.507914	44.46855	28.06276	16.40578	25.45928	2
2425.1	2426.25	1823.75	72.05102	27.48784	71.93677	72.19792	67.94649	0	32.05351	23.20878	8.844724	26.41541	2
2425.105	2426.255	1823.755	76.27851	51.03266	75.3563	74.19741	64.62102	0	35.37898	18.67733	16.70165	27.04208	2
2425.11	2426.26	1823.76	76.82531	39.94295	76.69473	75.98471	60.6665	0.101148	39.23235	22.99	16.24235	27.6863	2
2425.115	2426.265	1823.765	77.5435	32.40328	77.29866	76.22955	62.71586	0	37.28414	7.532168	29.75197	27.70312	2
2425.12	2426.27	1823.77	81.59144	43.33314	80.72636	79.20022	61.15366	0	38.84634	18.51627	20.33007	27.93319	9
2425.125	2426.275	1823.775	84.66821	29.01975	84.87224	85.77813	53.50124	3.020013	43.47875	18.46478	25.01397	26.7202	9
2425.13	2426.28	1823.78	85.53329	62.00249	86.90437	89.92401	35.67891	9.659213	54.66188	22.71979	31.94209	24.05829	9
2425.135	2426.285	1823.785	87.55727	39.54998	88.19384	89.59756	44.94278	6.754297	48.30292	18.78285	29.52007	25.39914	9
2425.14	2426.29	1823.79	88.76512	44.34553	89.20583	89.68734	44.18901	7.048711	48.76227	35.00343	13.75885	25.45628	9
2425.145	2426.295	1823.795	91.93166	60.45059	92.51927	94.30656	36.23989	10.88982	52.87029	18.66628	34.20402	24.37674	9
2425.15	2426.3	1823.8	89.54043	67.29758	90.10356	91.31141	36.9726	9.581361	53.44604	25.83412	27.61193	24.45143	9
2425.155	2426.305	1823.805	85.59858	48.5483	85.72916	84.30912	48.48863	4.524084	46.98729	27.46401	19.52327	26.18087	9
2425.16	2426.31	1823.81	81.67305	65.20618	81.90973	81.09361	47.24667	4.29227	48.46106	22.64476	25.8163	25.50552	9
2425.165	2426.315	1823.815	86.76563	56.68076	86.84724	86.91253	45.82638	5.455641	48.71798	17.02774	31.69023	25.51663	9
2425.17	2426.32	1823.82	85.45984	50.4199	85.5741	85.5741	48.28984	4.532417	47.17774	29.43297	17.74477	25.86168	9
2425.175	2426.325	1823.825	83.84393	50.08687	84.07244	84.45602	48.97159	4.151355	46.87706	18.2056	28.67146	25.81909	9
2425.18	2426.33	1823.83	84.53763	37.36534	84.84775	85.33743	50.7795	3.862285	45.35821	32.47196	12.88625	26.25819	9
2425.185	2426.335	1823.835	87.63888	64.30036	88.455	89.7363	37.48663	9.157983	53.35539	27.47788	25.8775	24.47321	9
2425.19	2426.34	1823.84	99.2196	55.17549	99.57869	100.5825	32.58254	15.51167	51.90579	19.80817	32.09762	24.21553	9
2425.195	2426.345	1823.845	88.97731	45.16477	89.06709	87.91636	46.51526	5.836491	47.64825	22.46351	25.18474	26.03686	9
2425.2	2426.35	1823.85	86.21883	48.08873	86.47183	87.47565	47.08048	5.207038	47.71248	20.18438	27.52811	25.58416	9
2425.205	2426.355	1823.855	84.0806	48.38179	84.37441	83.87657	48.66048	4.343955	46.99556	17.32293	29.67263	25.97705	9
2425.21	2426.36	1823.86	86.43918	48.98123	86.67586	86.60241	46.78827	5.320499	47.89123	32.86537	15.02586	25.74317	9
2425.215	2426.365	1823.865	90.91151	72.07981	91.28693	92.08672	36.00863	9.998367	53.993	26.07723	27.91577	24.44244	9
2425.22	2426.37	1823.87	101.7088	142.9607	103.2594	105.0956	0	33.33427	66.66573	66.66573	0	-9999	9
2425.225	2426.375	1823.875	102.2556	86.03353	102.786	103.3328	20.99358	22.1745	56.83192	26.51123	30.32069	23.67622	9
2425.23	2426.38	1823.88	95.05739	99.66089	94.71462	93.86586	31.08573	11.06073	57.85354	37.65767	20.19587	24.39362	9
2425.235	2426.385	1823.885	91.15635	66.485	91.55625	91.22164	36.94758	9.891756	53.16066	24.36291	28.79775	24.76741	9
2425.24	2426.39	1823.89	84.11325	77.38156	84.79063	86.19435	38.6398	7.526061	53.83414	32.71706	21.11708	24.27426	9
2425.245	2426.395	1823.895	74.18925	113.1351	74.5157	74.96456	41.83724	5.234945	52.92782	36.57236	16.35546	23.55529	9
2425.25	2426.4	1823.9	70.32901	127.9746	69.85566	69.70876	47.9959	4.022548	47.98155	28.17936	19.80219	23.5256	9
2425.255	2426.405	1823.905	75.26653	109.7848	75.72355	75.72355	40.64491	5.582002	53.77309	30.2195	23.55359	23.70453	9
2425.26	2426.41	1823.91	84.56211	84.04871	84.6274	83.44403	41.35708	6.246801	52.39612	17.90401	34.49211	24.85305	9
2425.265	2426.415	1823.915	96.19996	55.46189	96.21628	96.02041	37.94776	10.80889	51.24335	29.04837	22.19497	24.96568	9
2425.27	2426.42	1823.92	99.42362	61.98917	99.61949	99.43179	32.01091	15.07907	52.91002	25.00357	27.90645	24.40734	9
2425.275	2426.425	1823.925	104.2959	58.12608	104.4917	104.859	28.46333	20.03041	51.50626	19.76566	31.7406	23.85426	9
2425.28	2426.43	1823.93	108.7519	56.95384	109.0375	109.5598	23.95174	26.92641	49.12185	22.64258	26.47927	23.10191	9
2425.285	2426.435	1823.935	109.8863	57.52664	110.0576	110.6371	23.65496	27.48837	48.85667	20.06472	28.79195	23.00127	9
2425.29	2426.44	1823.94	109.3721	64.40692	109.723	109.8944	21.07147	29.13055	49.79797	21.40061	28.39736	22.98592	9
2425.295	2426.445	1823.945	95.01659	70.60118	94.06989	94.34737	42.83616	5.968979	51.19486	32.84119	18.35367	25.36279	9
2425.3	2426.45	1823.95	85.8679	46.29706	85.73732	85.14972	50.80963	3.619847	45.57052	24.52027	21.05025	26.38695	8
2425.305	2426.455	1823.955	86.08825	51.32572	86.07193	87.63888	48.50448	4.440188	47.05533	18.53619	28.51915	25.61156	8
2425.31	2426.46	1823.96	86.52896	58.6123	86.08825	85.87606	49.62464	3.674646	46.70072	27.41178	19.28894	26.01281	8
2425.315	2426.465	1823.965	83.10126	55.58844	82.71769	78.531	53.06715	2.41865	44.5142	24.97706	19.53714	27.10839	8
2425.32	2426.47	1823.97	76.92325	70.80099	76.93141	71.61848	52.03352	2.507801	45.45868	32.31595	13.14272	26.56126	8
2425.325	2426.475	1823.975	73.12014	81.87073	73.33233	71.71641	51.27228	2.627454	46.10026	19.31221	26.78805	25.34467	8
2425.33	2426.48	1823.98	73.18543	78.61375	73.26704	72.67127	53.01239	2.189823	44.79779	26.27138	18.5264	25.44157	8
2425.335	2426.485	1823.985	75.65826	52.47133	74.46673	73.03852	66.93071	0	33.06929	15.74056	17.32873	26.78256	8
2425.34	2426.49	1823.99	78.00052	69.30238	78.22087	75.39711	49.76061	3.207607	47.03178	16.34902	30.68276	25.91067	8
2425.345	2426.495	1823.995	81.29764	69.64873	81.00384	81.97502	50.62815	3.028871	46.34298	24.6205	21.72248	25.4796	8
2425.35	2426.5	1824	84.91304	47.10298	84.55395	84.48866	53.26404	2.554985	44.18097	16.4059	27.77507	26.60507	8
2425.355	2426.505	1824.005	84.57027	42.30742	84.02347	83.42771	56.19464	1.528021	42.27733	16.08836	26.18897	27.24655	8
2425.36	2426.51	1824.01	83.73783	49.83378	83.71335	83.62358	51.09117	3.319642	45.58919	22.03025	23.55894	26.18735	8
2425.365	2426.515	1824.015	83.83577	55.24875	83.493	83.57461	52.15736	2.766752	45.07589	27.46293	17.61296	26.22908	8
2425.37	2426.52	1824.02	82.89723	59.77122	82.74217	81.81179	50.47164	3.286409	46.24195	33.56494	12.67701	26.06012	8
2425.375	2426.525	1824.025	82.73401	55.06892	82.13824	81.90973	55.17522	1.667372	43.15741	23.2566	19.9008	26.69569	8
2425.38	2426.53	1824.03	83.39506	35.58033	82.9462	82.83194	58.1448	0.976859	40.87834	26.00608	14.87226	27.55101	8
2425.385	2426.535	1824.035	82.96252	37.38532	82.04847	82.00766	61.71114	0	38.28886	16.69678	21.59208	27.70056	9
2425.39	2426.54	1824.04	86.29228	53.71018	85.27214	83.07678	55.51938	1.335207	43.14541	21.65788	21.48753	27.35928	9
2425.395	2426.545	1824.045	90.05459	46.11722	89.31192	87.68785	51.74508	3.104516	45.1504	18.28121	26.86919	26.93135	9
2425.4	2426.55	1824.05	91.72763	47.98882	91.20531	88.92018	48.04523	4.889816	47.06495	23.02368	24.04127	26.53726	9
2425.405	2426.555	1824.055	96.20812	55.00231	95.78374	94.19231	41.46693	8.325516	50.20756	19.33751	30.87005	25.63912	9
2425.41	2426.56	1824.06	94.85336	48.91463	95.67764	96.19996	34.5094	13.73183	51.75877	26.65268	25.10609	24.52031	9
2425.415	2426.565	1824.065	92.49478	36.10651	92.92732	93.42516	42.81482	8.924938	48.26024	34.15155	14.10869	25.42148	9
2425.42	2426.57	1824.07	89.94849	46.88984	90.683	92.22546	40.20762	9.202196	50.59018	34.2875	16.30268	24.84063	9
2425.425	2426.575	1824.075	92.54375	53.49704	93.04974	93.43332	37.99202	10.48714	51.52084	28.46157	23.05928	24.82655	9
2425.43	2426.58	1824.08	93.07423	50.07355	93.50677	94.2984	38.90171	10.29359	50.8047	17.81191	32.99278	24.86096	9
2425.435	2426.585	1824.085	93.29458	69.39563	93.66183	95.75925	34.52903	11.43856	54.0324	26.74745	27.28495	24.15319	9
2425.44	2426.59	1824.09	94.31473	91.59504	94.46979	94.91865	29.86272	12.607	57.53028	31.24651	26.28377	24.10895	9
2425.445	2426.595	1824.095	94.81256	68.32329	94.61669	93.96379	37.75619	9.557137	52.68667	19.6891	32.99757	24.96267	9

2425.45	2426.6	1824.1	95.28591	103.6372	95.23694	96.76308	27.63626	13.03662	59.32712	33.84054	25.48659	23.80386	9
2425.455	2426.605	1824.105	95.89799	65.05965	96.28973	97.21194	32.99345	13.33554	53.67101	37.24381	16.4272	24.29072	9
2425.46	2426.61	1824.11	96.70595	97.52287	96.93446	96.8855	25.65901	15.26752	59.07346	30.68709	28.38637	24.06643	9
2425.465	2426.615	1824.115	90.61771	88.15823	91.30325	89.85056	29.98449	12.24924	57.76627	39.04913	18.71714	24.44065	9
2425.47	2426.62	1824.12	81.62409	66.96455	81.74651	82.74217	47.75168	4.078308	48.17001	32.98509	15.18492	25.19161	8
2425.475	2426.625	1824.125	76.4907	42.64045	75.91942	73.68326	63.737	0	36.263	15.90143	20.36157	27.49677	8
2425.48	2426.63	1824.13	80.00817	49.26763	78.99619	75.65826	62.31261	0	37.68739	24.90348	12.78391	27.83255	8
2425.485	2426.635	1824.135	79.73885	48.56828	79.60011	79.26551	55.96197	1.510932	42.5271	16.47345	26.05365	26.78875	8
2425.49	2426.64	1824.14	84.7743	55.76161	84.74166	84.70901	48.76633	4.117012	47.11666	19.59497	27.52169	25.82079	8
2425.495	2426.645	1824.145	77.00486	42.24748	76.61312	72.97324	61.9676	0	38.0324	8.918133	29.11427	28.088	8
2425.5	2426.65	1824.15	78.49019	60.25078	78.26168	75.39711	54.97931	1.715569	43.30512	21.08986	22.21526	26.81286	8
2425.505	2426.655	1824.155	81.77099	65.74568	81.77099	81.39557	48.86024	3.715536	47.42423	16.83633	30.58789	25.5995	8
2425.51	2426.66	1824.16	84.48866	78.93345	84.08876	82.70136	46.26774	4.423103	49.30915	21.20476	28.10439	25.41581	8
2425.515	2426.665	1824.165	73.68326	78.95343	74.9564	76.7029	43.2378	4.588534	52.17366	22.34506	29.8286	24.09815	8
2425.52	2426.67	1824.17	76.7029	72.44613	75.81333	75.51952	58.79553	0.689666	40.5148	24.03758	16.47722	26.59756	8
2425.525	2426.675	1824.175	80.92223	57.96623	81.33029	78.35145	48.36127	3.969909	47.66883	18.1311	29.53773	26.11753	8
2425.53	2426.68	1824.18	86.71666	66.0121	86.10458	84.54579	48.98943	3.661605	47.34897	15.84179	31.50718	26.08301	8
2425.535	2426.685	1824.185	85.85158	54.41619	85.60674	84.57844	49.7453	3.78089	46.47381	20.86228	25.61153	26.20231	8
2425.54	2426.69	1824.19	86.36573	49.61398	86.28412	86.83092	49.16943	4.225653	46.60491	28.19867	18.40624	25.92102	8
2425.545	2426.695	1824.195	90.37287	57.67317	90.00562	90.85438	45.74626	5.549837	48.7039	17.30107	31.40283	25.49177	9
2425.55	2426.7	1824.2	104.606	75.06371	104.3448	103.6511	27.62106	17.63711	54.74183	35.40142	19.34041	24.1865	9
2425.555	2426.705	1824.205	111.5593	62.54865	111.7552	111.6736	20.71069	30.88496	48.40435	28.90307	19.50129	22.77345	9
2425.56	2426.71	1824.21	107.846	54.10981	108.0092	107.6909	26.42216	24.10953	49.46831	25.94049	23.52782	23.54289	9
2425.565	2426.715	1824.215	106.3933	60.14421	106.6136	107.8215	25.85556	23.06408	51.08035	26.26767	24.81268	23.37992	9
2425.57	2426.72	1824.22	100.9008	58.97863	101.2762	102.5494	29.98898	17.62209	52.38894	32.16042	20.22852	23.92085	9
2425.575	2426.725	1824.225	96.96711	58.42581	97.06504	97.22827	35.89222	12.07714	52.03064	23.84994	28.1807	24.69141	9
2425.58	2426.73	1824.23	90.45449	73.96473	90.78909	89.89953	36.28919	9.653331	54.05748	25.14766	28.90981	24.74494	9
2425.585	2426.735	1824.235	79.12677	90.70919	79.49402	78.11478	42.40554	5.388449	52.20601	22.1389	30.06711	24.61486	9
2425.59	2426.74	1824.24	76.12345	104.1434	75.33182	75.48688	50.89889	2.914592	46.18652	31.966	14.22052	24.67717	9
2425.595	2426.745	1824.245	77.04566	104.3232	77.04566	78.77584	43.87177	4.788077	51.34016	23.8653	27.47486	23.7771	9
2425.6	2426.75	1824.25	85.83526	65.47926	86.32493	86.3739	41.39063	7.000623	51.60874	23.23557	28.37317	24.93063	9
2425.605	2426.755	1824.255	91.14819	52.55125	91.25428	92.03776	42.60403	7.643723	49.75225	16.83939	32.91286	25.19852	9
2425.61	2426.76	1824.26	95.80006	81.63095	95.44913	94.81256	34.82897	10.26601	54.90502	28.19494	26.71008	24.68263	9
2425.615	2426.765	1824.265	99.61133	72.91237	99.76639	100.6804	29.51105	15.71953	54.76943	28.80581	25.96361	24.04034	9
2425.62	2426.77	1824.27	101.6924	109.2853	102.4759	101.7822	13.924	25.00577	61.07023	34.75488	26.31535	24.05428	9
2425.625	2426.775	1824.275	91.91534	77.86777	92.20914	93.18032	34.31692	10.68768	54.9954	26.48122	28.51417	24.27358	9
2425.63	2426.78	1824.28	85.11707	52.99751	85.19052	84.45602	48.29765	4.418581	47.28377	14.62074	32.66303	25.94405	9
2425.635	2426.785	1824.285	81.8526	46.27041	82.09744	82.87275	51.60069	3.107972	45.29134	16.67998	28.61135	26.0708	9
2425.64	2426.79	1824.29	82.27698	52.05838	82.18721	81.61593	52.40279	2.726576	44.87063	28.19457	16.67607	26.35561	9
2425.645	2426.795	1824.295	85.59858	45.8175	85.54145	86.03929	50.60421	3.716246	45.67954	21.74564	23.9339	26.14865	9
2425.65	2426.8	1824.3	91.82556	57.18029	91.9235	92.73146	40.92386	8.335763	50.74038	17.5305	33.20987	24.99324	9
2425.655	2426.805	1824.305	88.31626	65.13958	88.99363	88.53661	37.73559	9.109179	53.15523	34.98243	18.17281	24.80791	9
2425.66	2426.81	1824.31	103.8551	50.01361	104.2142	104.5325	29.56701	20.32455	50.10844	23.00894	27.0995	23.88431	9
2425.665	2426.815	1824.315	108.2295	114.2141	108.2459	107.3563	12.66252	27.20069	60.13679	46.70676	13.43003	23.87217	9
2425.67	2426.82	1824.32	103.9123	58.43247	104.2142	105.014	27.91983	20.48305	51.59711	20.04484	31.55227	23.73044	9
2425.675	2426.825	1824.325	103.088	64.26039	103.8388	104.1408	23.78911	23.54915	52.66175	35.7694	16.89235	23.58696	9
2425.68	2426.83	1824.33	101.0967	89.25055	102.1984	103.5287	16.8538	25.30223	57.84398	35.01952	22.82445	23.5218	9
2425.685	2426.835	1824.335	97.13849	196.9373	99.9133	100.9498	0	38.55928	61.44072	61.44072	0	-9999	9
2425.69	2426.84	1824.34	95.93064	196.4444	97.85668	100.3703	0	31.27032	68.72968	68.72968	0	-9999	9
2425.695	2426.845	1824.345	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2426.005	2427.154	1824.654	80.71004	29.41938	79.83679	78.04133	65.39494	0	34.60506	17.36476	17.24031	27.44804	9
2426.01	2427.159	1824.659	75.70723	34.28153	75.69091	74.7687	62.17971	0	37.82029	21.7956	16.02469	27.58058	9
2426.015	2427.163	1824.663	76.23771	62.50202	75.34814	74.07499	61.62998	0	38.37002	9.74751	28.62251	27.3661	9
2426.02	2427.167	1824.667	78.52284	67.87038	77.4374	77.34763	59.74649	0.308823	39.94468	9.594005	30.35068	26.94265	9
2426.025	2427.171	1824.671	79.45321	49.95366	79.44505	78.69422	54.87751	1.83331	43.28918	24.43251	18.85668	26.64931	9
2426.03	2427.176	1824.676	79.06964	42.21418	79.29815	79.45321	55.26913	1.757444	42.97343	16.24168	26.73175	26.66778	9
2426.035	2427.18	1824.68	81.73018	77.46814	80.34278	79.12677	56.8133	0.829393	42.35731	21.12493	21.23237	26.68796	9
2426.04	2427.184	1824.684	83.95819	110.0179	82.12192	77.52717	50.36519	2.185843	47.44897	31.96506	15.48391	25.95875	9
2426.045	2427.188	1824.688	84.84775	74.15122	83.66438	81.81179	53.1666	1.823814	45.00959	30.683	14.32659	26.4989	9
2426.05	2427.193	1824.693	90.98496	48.17531	90.07091	88.59374	51.71931	2.910284	45.3704	20.5547	24.8157	26.92673	9
2426.055	2427.197	1824.697	88.65903	83.7623	86.82276	84.67637	52.39428	1.144784	46.46094	23.44251	23.01843	26.59157	9
2426.06	2427.201	1824.701	84.76614	75.48332	83.37058	82.23618	54.56379	1.261384	44.17482	25.37282	18.80201	26.56107	9
2426.065	2427.205	1824.705	83.21552	57.58658	82.67688	82.30963	53.68021	2.145744	44.17404	30.75729	13.41676	26.46383	9
2426.07	2427.21	1824.71	83.83577	57.30018	82.89723	81.11809	56.2781	1.153507	42.56839	22.99589	19.5725	27.19309	9
2426.075	2427.214	1824.714	81.43638	33.19587	81.33029	80.91406	57.86737	1.112756	41.01988	27.78479	13.23508	27.48634	9
2426.08	2427.218	1824.718	82.39124	42.12093	81.73018	80.67739	59.12998	0.513579	40.35644	18.09688	22.25957	27.73636	9
2426.085	2427.222	1824.722	82.00766	35.54037	81.69754	80.0653	58.35565	0.910682	40.73367	16.05804	24.67563	27.78898	9
2426.09	2427.227	1824.727	84.97833	67.93032	85.18236	86.9615	43.79957	5.788076	50.41236	33.19724	17.21512	24.75912	9
2426.095	2427.231	1824.731	85.19869	75.49664	85.85974	88.82225	38.22384	7.918581	53.85758	23.0811	30.77648	24.01037	9
2426.1	2427.235	1824.735	84.86408	82.52345	84.29279	86.61057	46.38181	4.26525	49.35294	31.48581	17.86713	24.70512	9
2426.105	2427.239	1824.739	86.18619	76.82874	85.68019	85.4272	46.0376	4.555388	49.40701	16.19946	33.20755	25.2962	9
2426.11	2427.244	1824.744	81.92605	67.48407	81.22419	79.97553	53.73632	1.986395	44.27729	23.40451	20.87278	26.39113	9
2426.115	2427.248	1824.748	79.48586	53.61027	79.68173	78.69422	52.38134	2.591365	45.02729	25.45581	19.57148	26.26356	9

2426.12	2427.252	1824.752	81.19971	50.9594	80.48152	78.93906	58.53002	0.635352	40.83463	18.7309	22.10372	27.48748	9
2426.125	2427.256	1824.756	80.6121	67.25095	80.11427	76.35196	53.42034	2.136935	44.44273	14.77471	29.66802	26.73309	9
2426.13	2427.261	1824.761	85.85974	59.07853	85.05995	83.97451	52.91045	2.282693	44.80686	17.32824	27.47861	26.60879	9
2426.135	2427.265	1824.765	86.92886	66.31182	87.31243	86.65138	41.00528	7.267225	51.72749	23.13268	28.59482	25.04559	9
2426.14	2427.269	1824.769	89.08341	49.48743	89.76079	89.9893	40.81763	8.549743	50.63263	30.19575	20.43688	25.09892	9
2426.145	2427.273	1824.773	89.94033	38.65082	89.36905	89.30376	52.32884	3.238212	44.43295	20.5467	23.88625	26.80607	9
2426.15	2427.278	1824.778	89.92401	42.88689	89.1895	89.3364	52.58371	2.866836	44.54946	26.30529	18.24416	26.76558	9
2426.155	2427.282	1824.782	83.50932	47.12962	83.26449	82.37492	53.66353	2.393011	43.94346	17.77905	26.1644	26.74104	9
2426.16	2427.286	1824.786	88.68351	53.48372	87.32059	85.09259	56.03072	0.795725	43.17356	11.52598	31.64758	27.6206	9
2426.165	2427.29	1824.79	90.89519	47.29613	90.51978	90.72381	47.84022	5.070291	47.08949	19.35816	27.73133	26.00995	9
2426.17	2427.295	1824.795	86.17803	32.60309	85.94135	84.57844	54.66049	2.469452	42.87006	16.64723	26.22283	27.33633	9
2426.175	2427.299	1824.799	81.33845	61.74939	80.88142	80.88142	53.76723	2.079362	44.15341	15.00953	29.14388	26.22998	9
2426.18	2427.303	1824.803	89.63021	71.01413	89.49147	88.47948	41.43003	7.013559	51.55641	27.90105	23.65536	25.18436	9
2426.185	2427.307	1824.807	88.3489	52.45801	88.15303	86.56976	47.54215	4.911272	47.54658	34.40705	13.13953	26.13816	9
2426.19	2427.312	1824.812	86.85541	45.40455	86.29228	85.36191	53.46932	2.488635	44.04205	12.9649	31.07715	26.91649	9
2426.195	2427.316	1824.816	81.12626	37.65174	80.25301	79.04515	63.01978	0	36.98022	10.81912	26.1611	27.60267	9
2426.2	2427.32	1824.82	76.91509	32.72298	76.4499	75.15227	64.92436	0	35.07564	8.077614	26.99802	27.30744	9
2426.205	2427.324	1824.824	75.27469	54.34293	75.18492	75.15227	58.29204	0.750223	40.95774	21.25155	19.70618	26.74655	9
2426.21	2427.329	1824.829	76.11529	66.30516	75.16043	74.67076	61.32824	0.03648	38.63528	21.81063	16.82465	27.17019	9
2426.215	2427.333	1824.833	82.72585	69.54216	82.13008	83.14207	51.68021	2.641888	45.67791	20.2254	25.45251	25.68809	9
2426.22	2427.337	1824.837	85.84342	52.41138	85.60674	84.84775	50.17473	3.669323	46.15595	22.21446	23.94149	26.23385	9
2426.225	2427.341	1824.841	89.14054	49.4075	89.42618	89.39353	43.82037	6.993835	49.18579	29.97935	19.20644	25.45669	9
2426.23	2427.346	1824.846	93.38435	41.52815	92.77226	93.46596	48.78027	4.860149	46.35958	28.25668	18.10289	26.21808	9
2426.235	2427.35	1824.85	92.79675	32.74962	92.78858	92.72329	46.76483	6.802181	46.43298	25.2232	21.20979	26.07939	9
2426.24	2427.354	1824.854	93.23745	76.89534	93.417	94.19231	34.22139	10.97831	54.80029	26.24346	28.55683	24.32843	9
2426.245	2427.358	1824.858	94.43714	88.54453	92.30707	88.95283	48.19808	1.264481	50.53744	30.77821	19.75923	26.63717	9
2426.25	2427.363	1824.863	93.93931	170.9881	90.08723	85.67203	42.05033	0	57.94967	22.76204	35.18763	24.30431	9
2426.255	2427.367	1824.867	89.53227	98.03573	86.69218	84.29279	55.91637	0	44.08363	27.58599	16.49765	25.2861	9
2426.26	2427.371	1824.871	86.85541	51.05931	86.25964	87.30427	52.35386	2.758366	44.88777	17.27445	27.61332	26.29552	9
2426.265	2427.375	1824.875	86.1617	40.96867	85.2803	86.54528	57.64772	0.889175	41.4631	29.50223	11.96087	27.27554	9
2426.27	2427.38	1824.88	85.21501	70.76103	85.5741	82.41572	41.69506	6.60021	51.70473	20.19575	31.50898	25.45101	9
2426.275	2427.384	1824.884	87.87555	57.66651	88.40603	89.7363	41.088	7.765162	51.14684	24.19737	26.94947	24.81039	9
2426.28	2427.388	1824.888	89.27111	84.11531	90.37287	94.63301	28.97603	12.77931	58.24465	40.54734	17.69732	23.38713	9
2426.285	2427.392	1824.892	92.22546	88.24481	92.95181	94.03724	28.16815	13.6472	58.18465	26.66363	31.52102	23.92982	9
2426.29	2427.397	1824.897	95.57155	87.17913	96.45295	98.8605	24.14592	17.31397	58.54011	28.76762	29.77249	23.59145	9
2426.295	2427.401	1824.901	97.62816	61.74273	97.41597	97.26907	36.88483	10.97216	52.14301	27.75453	24.38849	24.8549	9
2426.3	2427.405	1824.905	98.59935	68.58305	97.99542	94.08621	37.37194	9.732647	52.89541	19.56852	33.3269	25.63639	9
2426.305	2427.409	1824.909	102.1495	100.0938	100.5172	96.36318	34.44962	7.028202	58.52217	27.22267	31.2995	25.66213	9
2426.31	2427.414	1824.914	104.0837	121.8536	102.8676	95.81638	24.17858	12.5756	63.24583	47.39774	15.84809	25.6113	9
2426.315	2427.418	1824.918	103.8388	101.4326	102.7126	98.15048	28.64998	11.74571	59.6043	28.09846	31.50584	25.27481	9
2426.32	2427.422	1824.922	107.5114	67.95696	107.2665	106.4014	26.54144	20.53342	52.92513	34.21185	18.71328	23.95769	9
2426.325	2427.426	1824.926	109.7883	53.00417	109.7557	108.2785	26.42073	24.75342	48.82585	23.34399	25.48186	23.63906	9
2426.33	2427.431	1824.931	107.7644	87.95175	106.6055	104.557	28.55385	13.32342	58.12273	32.1389	25.98383	24.8209	9
2426.335	2427.435	1824.935	99.23592	112.6289	97.24459	91.75211	36.87957	4.602342	58.51809	29.41921	29.09888	25.94124	9
2426.34	2427.439	1824.939	92.40501	38.42436	92.56823	93.65367	44.42371	7.74271	47.83358	18.1255	29.70807	25.49263	9
2426.345	2427.443	1824.943	88.21016	34.98755	88.18568	88.32442	50.56941	4.31119	45.1194	18.68382	26.43558	26.44694	9
2426.35	2427.448	1824.948	90.21781	47.79567	90.55242	90.66668	42.83985	7.737979	49.42217	22.33516	27.08701	25.36055	9
2426.355	2427.452	1824.952	89.67101	25.74945	89.63837	90.07091	51.5243	4.408435	44.06727	31.01648	13.05079	26.69664	9
2426.36	2427.456	1824.956	90.21781	15.16593	90.20149	90.27494	53.45596	4.057894	42.48615	29.92713	12.55902	27.21967	9
2426.365	2427.46	1824.96	92.67433	25.07008	92.58455	92.13569	49.3684	5.822472	44.80913	22.65842	22.15071	26.60391	9
2426.37	2427.465	1824.965	93.04974	32.63639	92.78858	92.6172	48.5202	5.745471	45.73433	31.34113	14.3932	26.37757	9
2426.375	2427.469	1824.969	93.70264	34.42807	93.6047	93.164	46.22097	7.053742	46.72529	21.30858	25.41671	26.08103	9
2426.38	2427.473	1824.973	90.88703	32.44324	90.56874	90.67484	50.99939	4.306195	44.69442	23.80046	20.89396	26.65151	9
2426.385	2427.477	1824.977	80.03266	57.51998	78.9309	75.78068	60.98876	0	39.01124	11.31366	27.69758	27.85625	2
2426.39	2427.482	1824.982	73.01404	21.44011	72.76104	72.14079	69.5993	0	30.4007	7.859456	22.54125	26.53648	2
2426.395	2427.486	1824.986	77.12728	28.36036	77.12728	77.66591	62.1797	0	37.8203	11.1306	26.6897	27.54665	2
2426.4	2427.49	1824.99	77.36395	16.24493	76.91509	75.74804	68.3726	0	31.6274	23.48768	8.139729	27.08139	2
2426.405	2427.494	1824.994	84.53763	77.19506	83.1992	78.89009	53.91704	1.497357	44.58561	23.05472	21.53088	26.99661	2
2426.41	2427.499	1824.999	82.46469	49.3409	81.37925	79.55931	60.60413	0	39.39587	19.70653	19.68935	27.86192	2
2426.415	2427.503	1825.003	87.00231	58.19269	87.73681	88.29177	40.18282	8.04243	51.77475	33.16588	18.60887	24.85175	2
2426.42	2427.507	1825.007	93.8985	60.37067	94.64117	95.75925	33.248	13.21973	53.53227	32.5564	20.97586	24.28189	9
2426.425	2427.511	1825.011	98.65647	75.92291	97.44862	95.16349	40.22358	6.589016	53.18741	28.01238	25.17503	25.69424	9
2426.43	2427.516	1825.016	100.9661	96.37727	99.94594	96.31421	31.69404	10.3975	57.90845	24.11601	33.79244	25.18606	9
2426.435	2427.52	1825.02	100.5662	64.89314	100.6152	101.0232	31.39547	15.35017	53.25436	32.06086	21.19349	24.24182	9
2426.44	2427.524	1825.024	99.92962	49.10112	99.74191	98.61567	37.63701	12.08889	50.2741	18.68828	31.58583	25.13612	9
2426.445	2427.528	1825.028	92.77226	46.46357	93.33538	95.06555	39.04114	10.4618	50.49705	28.75165	21.7454	24.71038	9
2426.45	2427.533	1825.033	93.43332	27.94741	93.39251	93.07423	47.59432	6.725305	45.68037	19.88852	25.79185	26.29631	9
2426.455	2427.537	1825.037	91.48279	23.37165	91.10738	89.47514	53.08935	3.749906	43.16074	18.99936	24.16139	27.44088	9
2426.46	2427.541	1825.041	85.721	43.37976	85.85974	83.86025	49.56354	4.25939	46.17707	19.39876	26.77831	26.49562	2
2426.465	2427.545	1825.045	90.91151	37.34536	90.64219	89.47514	49.41105	4.858148	45.7308	21.70281	24.02799	26.58683	2
2426.47	2427.55	1825.05	90.95232	39.17033	90.33207	89.37721	51.65158	3.51519	44.83323	21.10112	23.73211	26.89821	2
2426.475	2427.554	1825.054	86.96966	39.37681	87.15737	87.5083	49.00399	4.765641	46.23037	33.46571	12.76465	26.08177	2
2426.48	2427.558	1825.058	89.6955	38.47764	89.58124	89.17318	49.05404	4.949768	45.99619	24.19741	21.79878	26.3353	2

2426.485	2427.562	1825.062	88.07958	50.03359	87.31243	85.90871	52.80408	2.528916	44.66701	27.56215	17.10486	26.90053	2
2426.49	2427.567	1825.067	87.59807	42.27412	86.80644	86.08825	55.3146	1.748745	42.93665	14.1273	28.80935	27.27697	2
2426.495	2427.571	1825.071	85.41904	65.04633	84.4397	82.66872	53.26317	1.984009	44.75282	26.95228	17.80054	26.67283	2
2426.5	2427.575	1825.075	91.93982	85.59394	90.47081	87.66336	46.08648	3.430078	50.48344	20.17646	30.30698	26.03547	2
2426.505	2427.579	1825.079	78.09846	27.58774	78.19639	77.21705	60.7142	0.142731	39.14307	27.75421	11.38887	28.04623	2
2426.51	2427.584	1825.084	78.56364	27.64103	79.08596	78.95538	56.98437	1.29943	41.7162	23.96813	17.74807	27.24387	2
2426.515	2427.588	1825.088	82.20353	39.88301	82.27698	81.39557	54.15182	2.334804	43.51337	23.32607	20.1873	26.86808	2
2426.52	2427.592	1825.092	86.4147	42.07431	85.47617	83.95819	57.59015	0.853235	41.55662	20.05803	21.49859	27.77675	2
2426.525	2427.596	1825.096	96.55905	29.28617	95.80822	95.66948	49.89734	4.994815	45.10784	22.63209	22.47575	26.76482	9
2426.53	2427.601	1825.101	95.4981	47.36273	94.50243	94.18415	48.39637	4.370936	47.2327	29.0292	18.2035	26.41817	9
2426.535	2427.605	1825.105	97.48942	31.14444	97.31804	97.84852	44.10101	9.047278	46.85172	32.58266	14.26905	25.67484	9
2426.54	2427.609	1825.109	96.91814	26.08913	96.46112	95.13084	48.06369	6.643221	45.29309	14.99788	30.29521	26.66981	9
2426.545	2427.613	1825.113	99.34201	37.68504	99.06453	98.13416	41.63604	10.24771	48.11625	26.53323	21.58302	25.61056	9
2426.55	2427.618	1825.118	102.2719	38.05137	102.4433	102.8595	35.37321	16.16659	48.4602	17.08142	31.37878	24.47709	9
2426.555	2427.622	1825.122	103.1043	44.39882	103.2512	104.1489	33.26103	17.31662	49.42235	21.22173	28.20062	24.16163	9
2426.56	2427.626	1825.126	104.2224	37.67838	104.1979	104.6141	35.18697	16.69993	48.1131	18.46376	29.64934	24.4188	9
2426.565	2427.63	1825.13	97.45678	32.33001	97.48126	96.73043	42.32615	10.27359	47.40026	32.80214	14.59812	25.64273	9
2426.57	2427.635	1825.135	89.47514	57.03376	90.10356	91.6705	39.01051	9.116779	51.87271	21.24181	30.6309	24.62267	9
2426.575	2427.639	1825.139	90.5361	39.99623	90.45449	90.65035	47.66019	5.634533	46.70527	33.35869	13.34658	26.03477	9
2426.58	2427.643	1825.143	90.15252	33.3091	90.38104	89.50779	47.2279	6.271376	46.50072	33.47641	13.02432	26.22072	9
2426.585	2427.647	1825.147	89.64653	26.1291	89.86688	90.35655	49.49422	5.45286	45.05292	17.51345	27.53947	26.3559	9
2426.59	2427.652	1825.152	87.55727	26.26897	87.39404	86.82276	54.35521	2.898168	42.74662	13.47	29.27663	27.27703	9
2426.595	2427.656	1825.156	86.16987	26.37553	85.69652	86.17803	58.0093	1.252465	40.73824	24.91128	15.82696	27.69235	9
2426.6	2427.66	1825.16	92.01327	49.20103	92.49478	95.20429	39.70944	9.693104	50.59746	30.07219	20.52527	24.57089	9
2426.605	2427.664	1825.164	94.91865	76.92198	96.74676	97.99542	19.89191	21.35081	58.75728	29.05271	29.70457	23.83557	9
2426.61	2427.669	1825.169	99.70927	49.60066	100.2234	101.4313	32.27942	16.68986	51.03072	36.90212	14.1286	24.10427	9
2426.615	2427.673	1825.173	103.9286	46.357	103.9612	102.9656	32.9143	17.43637	49.64933	26.30037	23.34896	24.47532	9
2426.62	2427.677	1825.177	108.6947	53.12406	108.7763	108.0255	26.51234	24.41268	49.07498	25.49321	23.58177	23.56517	9
2426.625	2427.681	1825.181	106.7116	39.66987	106.6136	106.7932	32.98425	19.07314	47.94261	27.13324	20.80937	24.1165	9
2426.63	2427.686	1825.186	96.59169	49.50075	96.46112	95.8327	40.16845	9.86299	49.96856	32.96066	17.0079	25.30679	9
2426.635	2427.69	1825.19	90.45449	62.08907	89.63021	85.974	48.14448	4.012314	47.8432	21.51131	26.33189	26.59997	2
2426.64	2427.694	1825.194	84.30912	30.38515	84.99466	85.14972	49.76948	4.481448	45.74907	27.77727	17.9718	26.26133	2
2426.645	2427.698	1825.198	89.60572	57.64653	89.49147	89.82608	44.49776	6.197303	49.30493	20.77177	28.53316	25.39402	2
2426.65	2427.703	1825.203	94.02908	71.91329	94.06989	95.31855	35.77398	10.49366	53.73236	26.01903	27.71332	24.39184	2
2426.655	2427.707	1825.207	87.56543	61.83598	87.58175	87.13289	44.349	5.957081	49.69392	34.14865	15.54526	25.39944	2
2426.66	2427.711	1825.211	82.3994	44.10576	82.3994	81.46086	53.51896	2.487141	43.9939	24.76059	19.23331	26.71871	2
2426.665	2427.715	1825.215	86.82276	72.85242	87.01047	89.09157	41.03804	6.951275	52.01068	34.89106	17.11962	24.45283	2
2426.67	2427.72	1825.22	83.73783	66.21858	83.8929	81.1589	45.73456	4.969807	49.29563	26.2606	23.03503	25.75711	2
2426.675	2427.724	1825.224	85.20685	79.07332	84.70901	84.46418	46.33216	4.380606	49.28724	31.47423	17.81301	25.23852	2
2426.68	2427.728	1825.228	89.8424	76.00283	89.28744	87.77762	43.25325	5.782375	50.96437	22.57667	28.38771	25.41629	2
2426.685	2427.732	1825.232	87.50014	55.16883	86.8146	84.59476	51.46195	2.958288	45.57977	32.10585	13.47392	26.73791	2
2426.69	2427.737	1825.237	88.38155	85.40078	87.54911	87.86739	44.4734	4.785959	50.74064	33.36108	17.37956	25.02507	2
2426.695	2427.741	1825.241	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2427.01	2428.009	1825.509	103.0717	52.85098	102.9493	102.4188	33.33286	15.71021	50.95693	24.19515	26.76178	24.52115	-9999
2427.015	2428.013	1825.513	94.18415	46.45691	93.8985	93.80873	44.32173	7.228965	48.4493	24.13647	24.31283	25.69217	-9999
2427.02	2428.017	1825.517	98.43612	36.30632	98.3137	97.79955	41.60138	10.42636	47.97226	32.54482	15.42745	25.50634	-9999
2427.025	2428.021	1825.521	98.37899	44.82509	97.88116	96.64882	42.50185	8.633776	48.86437	16.57832	32.28605	25.78189	-9999
2427.03	2428.026	1825.526	99.28488	56.91387	99.78272	101.4721	31.02655	16.62538	52.34807	34.46976	17.87831	23.94162	-9999
2427.035	2428.03	1825.53	96.32238	58.21933	96.06938	95.01659	39.25506	9.570019	51.17492	18.60077	32.57415	25.25266	-9999
2427.04	2428.034	1825.534	101.8475	72.73254	100.6315	99.81536	38.12316	7.953436	53.92341	24.32057	29.60283	25.32687	-9999
2427.045	2428.038	1825.538	113.1018	72.23966	112.4162	112.0082	23.77731	22.89779	53.3249	30.89797	22.42693	23.5568	-9999
2427.05	2428.043	1825.543	113.0202	48.79474	112.8896	111.4287	25.22512	28.31209	46.46279	24.47208	21.99071	23.14865	-9999
2427.055	2428.047	1825.547	105.9444	113.1684	106.7116	104.2795	9.19898	31.1835	59.61752	46.80596	12.81157	24.19982	-9999
2427.06	2428.051	1825.551	108.0337	159.7785	106.8666	104.6141	10.98726	18.30193	70.7108	57.30895	13.40185	25.03775	-9999
2427.065	2428.055	1825.555	97.24459	52.85098	97.09769	97.26907	38.88353	10.4748	50.64167	29.76836	20.87332	25.00969	-9999
2427.07	2428.06	1825.56	102.8268	50.24007	102.4759	102.1984	35.96093	13.51698	50.5221	36.71597	13.80612	24.79432	-9999
2427.075	2428.064	1825.564	107.2665	91.84814	106.0505	102.6065	28.51168	12.68075	58.80757	41.61949	17.18808	25.11049	-9999
2427.08	2428.068	1825.568	103.4797	71.56029	102.4025	100.2805	35.82995	9.875493	54.29456	22.49244	31.80212	25.33558	-9999
2427.085	2428.072	1825.572	97.06504	49.04784	96.86917	96.13467	40.34856	9.799273	49.85216	26.23405	23.61811	25.35607	-9999
2427.09	2428.077	1825.577	93.43332	53.4038	92.98445	93.00894	44.59633	6.466161	48.93751	34.30015	14.63736	25.64217	-9999
2427.095	2428.081	1825.581	93.164	89.65018	91.04209	88.6427	49.03856	1.171863	49.78958	25.26856	24.52101	26.45117	-9999
2427.1	2428.085	1825.585	95.31855	101.4059	94.96762	93.92299	30.48641	11.29739	58.2162	32.24028	25.97592	24.38648	-9999
2427.105	2428.089	1825.589	102.4596	104.1367	103.6674	102.4106	11.17522	29.09661	59.72817	50.10803	9.620141	24.08849	-9999
2427.11	2428.094	1825.594	105.5853	117.4111	106.3606	108.8008	8.439354	30.98496	60.57568	50.41356	10.16212	23.41231	-9999
2427.115	2428.098	1825.598	103.8388	100.3269	105.4303	108.6621	7.855577	34.38156	57.76287	55.9961	1.766769	-9999	-9999
2427.12	2428.102	1825.602	105.8138	86.66628	106.7932	108.7274	14.08814	31.20872	54.70314	39.25336	15.44978	22.95967	-9999
2427.125	2428.106	1825.606	105.8873	61.90258	105.8465	105.5853	27.91952	20.10941	51.97106	21.67226	30.2988	23.91544	-9999
2427.13	2428.111	1825.611	103.6021	57.52664	102.9656	102.3698	35.69801	12.45223	51.84976	32.67756	19.1722	24.90266	-9999
2427.135	2428.115	1825.615	102.3453	54.73589	101.9862	101.6027	35.37917	13.32786	51.29297	30.59631	20.69666	24.76814	-9999
2427.14	2428.119	1825.619	98.00358	42.50058	97.73426	97.30172	41.63879	9.605851	48.75536	25.74032	23.01504	25.49509	-9999
2427.145	2428.123	1825.623	95.38384	47.68244	94.67382	93.40067	46.21039	5.820564	47.96904	24.51606	23.45298	26.22834	-9999
2427.15	2428.128	1825.628	98.19945	55.78159	97.70978	95.86535	39.95231	9.301293	50.74639	18.12838	32.61801	25.54007	-9999
2427.155	2428.132	1825.632	95.26958	58.73885	94.72278	92.73962	42.37488	7.357035	50.26809	33.66843	16.59966	25.76776	-9999

2427.16	2428.136	1825.636	98.126	62.32219	97.7669	99.31753	37.42508	10.48612	52.0888	30.24758	21.84122	24.60676	-9999
2427.165	2428.14	1825.64	99.43995	70.35474	99.30937	100.5825	32.50139	13.49321	54.0054	37.61941	16.38599	24.19664	-9999
2427.17	2428.145	1825.645	97.70978	51.95181	96.86917	94.08621	44.04933	6.653165	49.2975	26.77915	22.51835	26.2753	-9999
2427.175	2428.149	1825.649	94.34737	47.87559	93.90667	90.96048	45.02998	6.641906	48.32811	20.85508	27.47304	26.31644	-9999
2427.18	2428.153	1825.653	93.87402	79.19321	94.26576	95.80822	31.43518	12.65875	55.90606	25.65951	30.24655	24.01342	-9999
2427.185	2428.157	1825.657	100.1663	94.2992	100.5009	102.4677	22.43339	18.94055	58.62606	37.22716	21.3989	23.56381	-9999
2427.19	2428.162	1825.662	100.5499	83.30273	99.38282	98.68912	36.37949	8.296165	55.32434	38.81904	16.50531	25.04841	-9999
2427.195	2428.166	1825.666	93.27009	39.78976	92.5111	90.45449	50.44456	3.994822	45.56061	30.67426	14.88635	27.0025	-9999
2427.2	2428.17	1825.67	92.28259	51.18585	91.76844	90.77277	46.69774	5.41398	47.88828	28.25617	19.63211	26.08733	-9999
2427.205	2428.174	1825.674	98.3137	55.96142	98.3137	97.92197	36.00873	12.41975	51.57152	26.10128	25.47024	24.80366	-9999
2427.21	2428.179	1825.679	95.66948	78.52716	95.65316	96.64066	33.107	11.79238	55.10062	24.56777	30.53285	24.24354	-9999
2427.215	2428.183	1825.683	89.32824	54.00324	88.85489	88.47132	48.41768	4.395598	47.18672	23.25135	23.93537	26.05509	-9999
2427.22	2428.187	1825.687	84.83959	43.48633	83.97451	81.50983	58.12829	0.717268	41.15444	21.3916	19.76284	27.92787	-9999
2427.225	2428.191	1825.691	83.86025	39.25692	83.72967	83.14207	54.36038	2.333311	43.30631	23.0383	20.26801	26.92881	-9999
2427.23	2428.196	1825.696	88.11223	38.7707	88.43867	89.4425	47.02427	5.847338	47.12839	17.81388	29.31451	25.73215	-9999
2427.235	2428.2	1825.7	90.92783	39.86302	90.40552	88.88754	50.74749	3.963015	45.2895	29.19924	16.09026	26.83762	-9999
2427.24	2428.204	1825.704	94.51875	69.62209	93.37619	92.99261	45.04908	4.713814	50.2371	32.177	18.06011	25.74055	-9999
2427.245	2428.208	1825.708	98.59935	59.07187	98.11784	97.53839	38.72491	9.847354	51.42774	25.18072	26.24701	25.16475	-9999
2427.25	2428.213	1825.713	100.8029	81.27128	100.9334	100.8355	26.58173	17.26284	56.15543	27.88643	28.269	24.05313	-9999
2427.255	2428.217	1825.717	103.5287	80.39876	103.4797	99.49708	25.67659	18.62963	55.69378	23.24334	32.45044	24.67926	-9999
2427.26	2428.221	1825.721	103.3083	50.1335	103.2023	101.4476	33.64625	15.897	50.45674	35.38404	15.0727	24.75569	-9999
2427.265	2428.225	1825.725	98.35451	54.263	97.89748	100.0357	39.92416	9.504169	50.57167	20.18959	30.38208	24.80373	-9999
2427.27	2428.23	1825.73	92.45398	54.50944	91.42567	89.18134	49.72045	3.413115	46.86643	27.87822	18.98821	26.76127	8
2427.275	2428.234	1825.734	83.72967	33.87524	82.66056	81.69754	63.05653	0	36.94347	24.69955	12.24391	27.58311	8
2427.28	2428.238	1825.738	91.22164	26.29561	90.89519	92.48662	52.24252	4.026632	43.73085	23.96202	19.76882	26.65128	8
2427.285	2428.242	1825.742	90.41368	33.5955	90.22597	90.80542	50.14403	4.691235	45.16473	16.37422	28.79052	26.38865	8
2427.29	2428.247	1825.747	90.47897	117.138	88.48764	82.24434	43.84474	3.133869	53.02139	25.35667	27.66472	25.95076	8
2427.295	2428.251	1825.751	92.7641	110.5042	90.95232	86.92886	41.95633	3.851227	54.19244	30.45798	23.73446	25.60846	8
2427.3	2428.255	1825.755	92.42949	64.22043	90.78909	88.61006	52.1366	1.387679	46.47572	20.93944	25.53628	27.07369	8
2427.305	2428.259	1825.759	88.35706	50.59973	86.64321	83.98267	59.74869	0	40.25131	18.48735	21.76396	27.44275	8
2427.31	2428.264	1825.764	87.98165	76.52901	85.74548	83.92554	57.86713	0	42.13287	22.36426	19.76861	26.40298	8
2427.315	2428.268	1825.768	91.21348	52.74441	90.8299	90.683	46.29217	5.56135	48.14648	24.70884	23.43765	25.81413	8
2427.32	2428.272	1825.772	85.41088	61.10998	84.56211	83.86025	53.21129	2.125767	44.66294	29.64781	15.01513	26.51883	8
2427.325	2428.276	1825.776	86.82276	86.10014	86.35757	85.8271	42.89203	5.559925	51.54804	23.3323	28.21575	24.92199	8
2427.33	2428.281	1825.781	88.65903	63.80748	87.61439	87.55727	51.08818	2.644215	46.26761	24.41513	21.85248	26.23863	8
2427.335	2428.285	1825.785	83.87657	39.64323	83.3461	82.1464	57.35109	1.169062	41.47985	24.50669	16.97317	27.55131	8
2427.34	2428.289	1825.789	87.36956	103.4574	85.8271	85.33743	46.53741	3.234362	50.22823	18.59038	31.63784	25.09803	8
2427.345	2428.293	1825.793	86.1209	65.25947	86.24332	87.05127	44.02724	5.868811	50.10394	22.54596	27.55799	25.03085	8
2427.35	2428.298	1825.798	91.79292	76.87536	90.50345	90.45449	46.94004	3.55756	49.5024	26.38111	23.12129	25.70343	8
2427.355	2428.302	1825.802	89.97298	51.05264	88.83857	87.62256	53.66175	1.862801	44.47544	14.24147	30.23397	27.11169	8
2427.36	2428.306	1825.806	92.86203	50.39992	91.75211	90.86255	50.97203	2.926306	46.10166	32.81586	13.2858	26.77718	8
2427.365	2428.31	1825.81	94.31473	40.84212	93.7516	93.58838	47.71085	5.536501	46.75265	23.77459	22.97805	26.24063	8
2427.37	2428.315	1825.815	89.23847	54.28298	88.97731	86.29228	46.7881	5.203911	48.00799	31.34986	16.65813	26.2502	8
2427.375	2428.319	1825.819	96.87734	153.491	94.77991	88.12855	29.98307	6.246152	63.77078	30.06531	33.70546	25.31412	8
2427.38	2428.323	1825.823	99.22776	102.4983	98.08519	96.26525	32.76077	9.060584	58.17865	39.87214	18.30651	24.85569	8
2427.385	2428.327	1825.827	97.42414	68.44318	96.16731	94.16782	43.54692	5.242844	51.21024	35.77222	15.43802	26.01808	8
2427.39	2428.332	1825.832	93.86586	94.56562	93.97196	92.97629	29.93629	12.24032	57.82339	22.83876	34.98463	24.34166	8
2427.395	2428.336	1825.836	89.54859	74.85723	87.98981	84.09693	51.58043	1.732161	46.68741	22.2713	24.41611	26.95623	8
2427.4	2428.34	1825.84	88.57741	64.51349	87.31243	85.14156	52.70013	1.865697	45.43417	12.76815	32.66602	26.87112	8
2427.405	2428.344	1825.844	85.69652	78.35399	85.63123	83.46851	42.70353	5.927681	51.36879	24.12125	27.24754	25.25758	8
2427.41	2428.349	1825.849	93.66999	38.72408	93.18848	92.51927	48.18408	5.446252	46.36967	21.2015	25.16817	26.39395	8
2427.415	2428.353	1825.853	93.04974	59.80453	92.30707	88.6427	45.67722	5.319474	49.00331	34.5485	14.45481	26.40911	8
2427.42	2428.357	1825.857	95.645	54.14977	95.45729	94.94314	40.35709	9.194895	50.44802	20.81381	29.63421	25.27136	8
2427.425	2428.361	1825.861	99.12166	95.55803	98.03622	97.48126	34.09517	8.890728	57.01411	30.3224	26.69171	24.72466	8
2427.43	2428.366	1825.866	102.0107	173.579	100.9824	96.43663	12.11342	16.18786	71.69872	62.47447	9.224255	25.30138	8
2427.435	2428.37	1825.87	95.52258	122.0535	95.29407	97.26907	24.35327	13.47585	62.17088	46.62155	15.54933	23.59035	8
2427.44	2428.374	1825.874	94.93497	142.1615	94.82072	95.00843	19.14224	15.04893	65.80883	35.2184	30.59043	23.894	8
2427.445	2428.378	1825.878	95.70213	83.26277	94.70646	92.47846	39.52085	6.888255	53.59089	37.10962	16.48127	25.39921	8
2427.45	2428.383	1825.883	93.4578	64.28704	92.29891	91.80924	47.44274	3.86395	48.69331	19.32796	29.36535	26.07076	8
2427.455	2428.387	1825.887	94.15966	97.73601	92.14385	91.97247	45.34354	2.363608	52.29285	23.88078	28.41208	25.53277	2
2427.46	2428.391	1825.891	88.40603	110.1911	86.77379	80.01633	44.65003	3.598624	51.75134	31.36024	20.39111	26.03648	2
2427.465	2428.395	1825.895	85.8679	80.57859	86.03929	87.88371	40.17328	6.94966	52.87706	18.3329	34.54416	24.28754	2
2427.47	2428.4	1825.9	84.94569	43.06006	84.6274	84.06428	53.89615	2.422889	43.68096	27.62787	16.05309	26.8424	2
2427.475	2428.404	1825.904	88.88754	66.35179	89.50779	91.80924	37.3594	9.328721	53.31188	27.92824	25.38365	24.25517	2
2427.48	2428.408	1825.908	85.26397	46.31704	85.54145	88.43051	48.19795	4.70395	47.0981	27.93065	19.16745	25.3475	2
2427.485	2428.412	1825.912	84.30912	48.22194	84.03164	84.12957	52.91638	2.660821	44.4228	22.14462	22.27818	26.45577	2
2427.49	2428.417	1825.917	86.57792	58.0395	85.45984	84.19486	54.96789	1.386312	43.6458	17.03299	26.61282	27.03209	2
2427.495	2428.421	1825.921	90.5361	131.4381	91.1237	88.15303	20.34483	14.68333	64.97184	38.36312	26.60872	24.42005	2
2427.5	2428.425	1825.925	91.45015	97.68273	91.31957	87.47565	33.23863	9.82333	56.93804	25.3388	31.59924	24.92678	2
2427.505	2428.429	1825.929	89.75262	88.25813	87.62256	83.64806	52.57715	0.558616	46.86424	28.89598	17.96825	26.99054	2
2427.51	2428.434	1825.934	81.99134	39.51668	81.4119	82.06479	59.49562	0.444575	40.0598	20.20075	19.85905	27.5004	2
2427.515	2428.438	1825.938	82.13824	68.80285	82.36676	83.02781	46.01155	4.697706	49.29074	23.08155	26.20919	25.04388	2
2427.52	2428.442	1825.942	94.57588	210.0318	90.63403	87.07576	32.71182	1.399943	65.88823	28.78602	37.10221	24.19298	2

2427.525	2428.446	1825.946	87.31243	103.2109	85.59858	84.21118	47.97784	2.634916	49.38724	15.00515	34.38209	25.43532	2
2427.53	2428.451	1825.951	85.76181	80.11902	84.12957	84.2275	54.36017	1.053476	44.58636	28.08474	16.50162	26.29445	2
2427.535	2428.455	1825.955	89.11605	45.71759	88.96099	88.39787	48.15131	4.982603	46.86609	26.1253	20.74079	26.12824	2
2427.54	2428.459	1825.959	77.92707	21.11375	77.36395	76.77635	67.56176	0	32.43824	13.7867	18.65154	27.00984	2
2427.545	2428.463	1825.963	74.98089	36.4795	74.48305	74.73605	66.04775	0	33.95225	21.15342	12.79884	26.71622	2
2427.55	2428.468	1825.968	76.22139	68.52311	77.06199	77.71488	46.77907	3.920655	49.30027	15.35056	33.94972	24.87624	2
2427.555	2428.472	1825.972	78.76767	62.52867	79.69805	79.11044	45.1914	4.727658	50.08094	30.39361	19.68733	25.17628	2
2427.56	2428.476	1825.976	81.08545	121.9069	78.69422	75.36446	54.43191	1.298011	44.27007	30.42773	13.84234	25.81032	2
2427.565	2428.48	1825.98	81.8526	103.0178	81.46086	78.35145	42.80127	5.194644	52.00409	33.77031	18.23379	24.86326	2
2427.57	2428.485	1825.985	83.41955	75.19692	82.39124	81.74651	53.02576	1.998553	44.97569	20.12888	24.84681	26.12748	2
2427.575	2428.489	1825.989	81.10993	51.51888	80.39991	79.36344	58.41397	0.67071	40.91532	24.88776	16.02756	27.3461	2
2427.58	2428.493	1825.993	84.23567	65.63911	83.23184	83.12575	54.39817	1.630508	43.97132	17.25674	26.71458	26.4508	2
2427.585	2428.497	1825.997	86.92886	44.67856	87.12472	87.79394	47.69526	5.132106	47.17263	30.53192	16.64071	25.77152	2
2427.59	2428.502	1826.002	85.26397	55.47521	84.45602	83.50932	54.39381	1.829158	43.77703	17.09792	26.67911	26.82759	2
2427.595	2428.506	1826.006	87.45117	101.7789	86.67586	86.46367	40.92309	5.771949	53.30496	30.67098	22.63398	24.51862	2
2427.6	2428.51	1826.01	98.97476	185.388	101.0477	105.8465	0	35.85078	64.14922	64.14922	0	-9999	2
2427.605	2428.514	1826.014	99.61949	144.6725	97.62	94.21679	28.83537	6.812735	64.35189	40.74734	23.60455	24.94601	2
2427.61	2428.519	1826.019	103.9286	124.691	104.8263	107.4134	7.25306	30.06546	62.68148	61.09616	1.585319	-9999	2
2427.615	2428.523	1826.023	92.26627	122.0468	90.25862	85.27214	41.139	3.698529	55.16247	24.65439	30.50808	25.55241	2
2427.62	2428.527	1826.027	79.37976	28.27377	79.16757	79.20838	61.77284	0	38.22716	9.193649	29.03351	27.9073	2
2427.625	2428.531	1826.031	78.49836	35.42714	77.80465	77.12728	64.58432	0	35.41568	24.77157	10.64411	27.23101	2
2427.63	2428.536	1826.036	84.7743	185.821	79.89392	77.81282	54.86196	0	45.13804	10.99799	34.14005	23.8085	2
2427.635	2428.54	1826.04	84.46418	140.5963	79.49402	76.13161	66.7874	0	33.2126	24.49035	8.722253	22.73204	2
2427.64	2428.544	1826.044	83.01149	57.38677	80.96303	79.84495	65.61737	0	34.38263	15.02019	19.36244	26.03178	2
2427.645	2428.548	1826.048	81.63225	84.36841	78.88193	76.08265	65.79614	0	34.20386	18.40564	15.79822	25.74691	2
2427.65	2428.553	1826.053	79.77966	45.65099	80.00001	79.73069	53.84745	2.218618	43.93394	22.83799	21.09595	26.48761	2
2427.655	2428.557	1826.057	82.55446	29.30615	82.79114	83.37874	55.12358	2.224547	42.65187	13.87506	28.77681	26.93325	2
2427.66	2428.561	1826.061	78.84112	21.94631	78.41674	77.66591	65.44411	0	34.55589	19.7043	14.85158	27.42306	2
2427.665	2428.565	1826.065	80.82429	57.81304	80.23669	74.25454	56.20484	1.331413	42.46375	16.72572	25.73804	27.7463	2
2427.67	2428.57	1826.07	85.00282	129.1535	84.75798	76.06632	32.43973	8.48878	59.07149	30.11793	28.95356	25.16423	2
2427.675	2428.574	1826.074	90.21781	187.8391	90.48713	74.53202	9.455329	16.91405	73.63062	54.13982	19.4908	27.18967	2
2427.68	2428.578	1826.078	97.19562	161.3637	97.13849	94.37185	11.97277	18.29179	69.73545	46.05129	23.68416	24.78636	2
2427.685	2428.582	1826.082	100.0031	123.2657	99.67662	98.70544	20.69685	16.22352	63.07963	49.7486	13.33103	24.20254	2
2427.69	2428.587	1826.087	95.58787	150.5137	93.14768	93.38435	34.54634	4.130652	61.32301	28.90679	32.41622	24.16948	2
2427.695	2428.591	1826.091	90.87071	141.6619	90.20149	88.10407	27.30319	10.19263	62.50418	31.39949	31.10469	24.04278	2
2427.7	2428.595	1826.095	103.4308	240.3904	105.9444	112.5958	0	51.38129	48.61871	48.61871	0	-9999	2
2427.705	2428.599	1826.099	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2428.015	2428.863	1826.363	90.34839	31.28431	90.5361	91.23796	47.85395	6.079669	46.06638	32.49376	13.57263	26.03131	2
2428.02	2428.867	1826.367	89.50779	70.12828	87.68785	86.83908	54.78635	0.435874	44.77777	22.38968	22.3881	26.98618	2
2428.025	2428.871	1826.371	89.40985	91.70161	88.25913	87.28795	44.46928	4.366611	51.16411	20.77801	30.3861	25.24324	2
2428.03	2428.876	1826.376	86.51264	64.69333	85.68019	84.12141	51.204	2.761809	46.03419	17.43342	28.60077	26.38146	2
2428.035	2428.88	1826.38	84.24383	56.68076	82.73401	81.86076	60.48003	0	39.51997	7.023774	32.4962	27.22061	2
2428.04	2428.884	1826.384	90.08723	23.38498	89.93217	90.49529	52.66232	3.967583	43.3701	28.99143	14.37867	26.89169	2
2428.045	2428.888	1826.388	86.80644	36.09985	85.85974	84.49682	58.73882	0.541479	40.7197	25.7584	14.9613	28.06869	2
2428.05	2428.893	1826.393	86.67586	31.83047	86.35757	85.10891	55.02195	2.344073	42.63398	21.55656	21.07742	27.39756	2
2428.055	2428.897	1826.397	88.11223	65.42598	87.05943	84.03164	51.26281	2.553436	46.18376	17.3819	28.80186	26.75274	2
2428.06	2428.901	1826.401	92.64168	121.867	90.49529	87.02679	41.91238	3.162297	54.92533	25.4983	29.42703	25.38416	9
2428.065	2428.905	1826.405	95.31855	70.80765	95.52258	97.25275	33.59025	12.21265	54.1971	19.52567	34.67143	24.14918	9
2428.07	2428.91	1826.41	92.11937	84.00208	92.26627	92.88652	33.78319	10.55718	55.65962	26.83159	28.82803	24.24879	9
2428.075	2428.914	1826.414	100.3214	71.87999	99.43179	97.26091	37.20355	9.228482	53.56796	25.69468	27.87329	25.36111	9
2428.08	2428.918	1826.418	105.2099	37.07894	105.4792	103.8307	32.14656	20.39389	47.45955	31.31857	16.14098	24.31562	9
2428.085	2428.922	1826.422	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2428.11	2428.944	1826.444	98.91763	48.90131	97.15482	95.00026	50.82348	1.564356	47.61216	18.40719	29.20497	27.4387	9
2428.115	2428.948	1826.448	95.29407	30.55166	94.69014	93.97196	49.61639	5.169503	45.2141	19.53982	25.67428	26.74772	2
2428.12	2428.952	1826.452	91.5236	25.1167	90.81358	90.54426	55.22272	2.43643	42.34085	27.47182	14.86903	27.56897	2
2428.125	2428.956	1826.456	89.22215	63.25466	88.10407	86.15354	51.27313	2.511325	46.21554	18.39322	27.82233	26.65448	2
2428.13	2428.961	1826.461	90.79726	43.66616	90.47081	90.49529	48.42928	4.983905	46.58682	18.46688	28.11994	26.14297	2
2428.135	2428.965	1826.465	87.75313	33.38237	87.00231	86.92069	57.00751	1.347204	41.64529	16.00842	25.63687	27.58466	2
2428.14	2428.969	1826.469	86.78195	51.01268	85.44352	82.62791	58.18839	0.239111	41.57249	22.41798	19.15451	28.01878	2
2428.145	2428.973	1826.473	88.96099	73.79155	87.5083	85.79445	51.55668	1.910739	46.53258	15.85419	30.67839	26.51153	2
2428.15	2428.978	1826.478	90.31575	51.89187	90.20149	90.20965	45.23717	6.181316	48.58151	24.62893	23.95258	25.6142	2
2428.155	2428.982	1826.482	85.81077	34.05508	85.89239	84.2275	52.18027	3.479461	44.34027	30.31863	14.02164	26.93452	2
2428.16	2428.986	1826.486	87.18185	35.02751	87.3614	88.24281	49.92456	4.550314	45.52513	21.95506	23.57006	26.16251	9
2428.165	2428.99	1826.49	94.23311	31.44417	93.8577	92.73962	48.60551	5.794404	45.60009	29.77774	15.82235	26.60089	9
2428.17	2428.995	1826.495	96.11018	49.35422	95.75109	95.95512	42.41787	8.24171	49.34042	33.51062	15.8298	25.42068	9
2428.175	2428.999	1826.499	97.62	83.86887	98.55038	100.3703	22.68293	19.4959	57.82118	41.85451	15.96666	23.60966	9
2428.18	2429.003	1826.503	101.6924	74.43096	102.3453	103.7409	23.37074	21.64963	54.97963	35.97584	19.00379	23.51427	9
2428.185	2429.007	1826.507	99.9541	83.54917	99.78272	97.18746	29.15156	14.54462	56.30382	30.49601	25.80781	24.68788	9
2428.19	2429.012	1826.512	99.43995	110.5774	99.53788	105.2507	20.99652	17.7207	61.28278	31.14901	30.13377	22.91334	9
2428.195	2429.016	1826.516	96.28157	117.0581	95.86535	96.29789	26.31861	12.60589	61.0755	36.23731	24.8382	23.93862	9
2428.2	2429.02	1826.52	95.95512	84.64815	96.05306	97.2854	30.47745	13.05112	56.47144	21.87877	34.59267	24.01622	9
2428.205	2429.024	1826.524	98.09335	71.86001	98.00358	98.19129	33.05973	12.75586	54.18441	31.22693	22.95748	24.42398	9
2428.21	2429.029	1826.529	95.75109	89.43038	95.72661	97.4323	30.45659	12.54269	57.00072	38.67727	18.32345	23.91433	9

2428.215	2429.033	1826.533	96.59986	95.26497	95.65316	97.7669	35.41091	8.391972	56.19712	40.11737	16.07975	24.20199	9
2428.22	2429.037	1826.537	93.8577	72.5527	94.24127	94.59221	33.12045	12.15633	54.72322	30.87987	23.84335	24.35061	9
2428.225	2429.041	1826.541	99.87249	82.19043	99.59501	99.16247	30.3777	13.67393	55.94837	34.77657	21.17181	24.37316	9
2428.23	2429.046	1826.546	91.00945	79.75269	91.93982	93.65367	29.76075	13.07254	57.16671	41.75246	15.41424	23.89462	2
2428.235	2429.05	1826.55	84.29279	69.96177	84.91304	86.57792	40.71294	6.93484	52.35222	20.16711	32.18511	24.45144	2
2428.24	2429.054	1826.554	95.47361	155.6556	95.03291	89.17318	17.91107	14.57803	67.5109	39.24629	28.26461	25.01478	2
2428.245	2429.058	1826.558	97.79955	66.43171	97.98726	97.53023	32.49321	13.85497	53.65182	25.11879	28.53303	24.48672	2
2428.25	2429.063	1826.563	86.84724	39.2436	86.67586	87.55727	51.93182	3.427127	44.64106	20.81561	23.82544	26.39873	2
2428.255	2429.067	1826.567	83.54197	22.11282	83.06862	82.80746	61.45854	0.0447	38.49676	12.28642	26.21035	28.43459	2
2428.26	2429.071	1826.571	80.08979	37.21881	79.15125	77.20073	64.5841	0	35.4159	15.04659	20.36931	27.40628	2
2428.265	2429.075	1826.575	80.62842	30.13205	80.2122	80.00001	61.7556	0	38.2444	15.16092	23.08348	27.96629	2
2428.27	2429.08	1826.58	81.4527	21.57332	81.02832	80.48152	63.13173	0	36.86827	19.51524	17.35304	28.02233	2
2428.275	2429.084	1826.584	84.94569	20.39442	85.10891	85.34559	55.64953	2.432235	41.91823	12.51307	29.40516	27.31546	2
2428.28	2429.088	1826.588	90.63403	30.55166	91.00945	90.99312	46.31373	7.014269	46.672	23.02488	23.64713	25.95793	2
2428.285	2429.092	1826.592	88.92835	147.7629	87.84291	87.07576	30.83943	8.245605	60.91497	24.66265	36.25232	23.64588	10
2428.29	2429.097	1826.597	94.60853	299.8752	91.17267	89.42618	7.018257	9.645659	83.33608	68.14811	15.18798	-9999	10
2428.295	2429.101	1826.601	109.4211	292.1357	110.7269	117.5986	0	55.44258	44.55742	44.55742	0	-9999	10
2428.3	2429.105	1826.605	113.4445	191.196	114.4076	114.7258	0	53.53205	46.46795	46.46795	0	-9999	10
2428.305	2429.109	1826.609	110.229	145.4517	110.0576	111.9755	4.718202	30.07549	65.20631	65.20631	0	-9999	10
2428.31	2429.114	1826.614	107.8786	130.8719	108.099	108.8416	7.372943	29.92008	62.70698	48.43157	14.27541	-9999	10
2428.315	2429.118	1826.618	102.3617	112.2759	102.2311	102.3453	19.66851	18.95667	61.37482	43.17392	18.20089	23.93361	10
2428.32	2429.122	1826.622	100.305	91.62834	100.3132	101.0151	25.48206	16.62605	57.89189	35.1178	22.77409	23.89607	10
2428.325	2429.126	1826.626	103.8143	147.3966	103.6103	102.4677	10.40206	22.18677	67.41118	52.81287	14.59831	24.53288	10
2428.33	2429.131	1826.631	112.4652	118.6966	112.5223	111.9184	7.364709	34.50725	58.12804	44.76342	13.36462	-9999	10
2428.335	2429.135	1826.635	116.2683	124.005	116.2846	115.7052	2.897458	41.46201	55.64053	55.64053	0	-9999	10
2428.34	2429.139	1826.639	117.2558	123.7918	117.2558	116.6682	2.167033	43.26386	54.56911	54.56911	0	-9999	10
2428.345	2429.143	1826.643	115.2073	127.1887	115.4277	114.5789	1.521848	42.54461	55.93355	55.93355	0	-9999	10
2428.35	2429.148	1826.648	114.2688	105.9284	114.3015	115.1829	8.985019	36.55962	54.45536	47.07589	7.379466	22.69715	10
2428.355	2429.152	1826.652	115.2971	96.8102	115.289	115.1829	10.56183	37.32022	52.11795	45.09323	7.024719	22.55807	10
2428.36	2429.156	1826.656	114.6769	86.83279	114.6361	112.2856	13.79999	34.9997	51.20031	26.86121	24.3391	22.96985	10
2428.365	2429.16	1826.66	114.4973	114.0409	114.8238	116.5213	4.534599	41.70626	53.75915	48.72536	5.033783	-9999	10
2428.37	2429.165	1826.665	113.926	102.2851	114.0077	114.938	9.802548	36.34919	53.84826	38.18285	15.66541	22.63709	10
2428.375	2429.169	1826.669	114.1219	94.19929	114.5953	115.2563	8.543161	41.65424	49.8026	40.61051	9.192092	22.20995	10
2428.38	2429.173	1826.673	113.4935	75.42337	113.673	113.8363	15.94204	35.05334	49.00462	36.92626	12.07836	22.39882	10
2428.385	2429.177	1826.677	109.1028	79.45297	109.5272	109.4211	17.10886	30.51186	52.37927	35.90853	16.47074	23.05607	10
2428.39	2429.182	1826.682	102.3698	74.89719	103.9041	104.557	15.80381	29.66952	54.52667	36.5632	17.96347	23.36302	10
2428.395	2429.186	1826.686	104.051	68.27667	105.3976	105.6261	17.314	30.39997	52.28603	37.44124	14.84478	23.2205	10
2428.4	2429.19	1826.69	103.3655	94.0794	104.4264	104.81	13.91416	28.55773	57.52811	36.80106	20.72705	23.55706	10
2428.405	2429.194	1826.694	105.8057	100.5601	106.1321	107.3726	15.79328	25.98976	58.21695	46.71382	11.50313	23.38828	10
2428.41	2429.199	1826.699	107.6583	146.5774	108.9722	110.8411	0	42.01559	57.98441	57.98441	0	-9999	10
2428.415	2429.203	1826.703	106.0913	135.9339	107.3481	105.9118	0	37.71096	62.28904	62.28904	0	-9999	10
2428.42	2429.207	1826.707	105.0385	160.2314	106.0995	108.3683	0	35.6586	64.3414	64.3414	0	-9999	10
2428.425	2429.211	1826.711	103.798	153.1846	104.1653	104.0673	4.588944	27.28588	68.12517	64.18329	3.941879	-9999	10
2428.43	2429.216	1826.716	104.1898	145.9979	105.3486	107.8949	0	34.20277	65.79723	65.79723	0	-9999	10
2428.435	2429.22	1826.72	103.1859	134.5419	104.0592	104.7937	5.742153	29.44518	64.81266	64.81266	0	-9999	10
2428.44	2429.224	1826.724	103.4226	126.5027	104.4999	105.6833	5.888672	30.9719	63.13943	63.13943	0	-9999	10
2428.445	2429.228	1826.728	103.7327	112.9352	104.7937	106.4586	9.01317	30.39031	60.59652	43.45635	17.14017	23.60322	10
2428.45	2429.233	1826.733	106.4341	109.4385	106.8829	108.9396	12.11783	28.63023	59.25194	53.40666	5.845277	23.27438	10
2428.455	2429.237	1826.737	107.8623	134.3487	108.2459	109.4945	5.281597	31.80349	62.91492	56.19763	6.71729	-9999	10
2428.46	2429.241	1826.741	108.4336	149.3814	108.7763	109.0293	1.434344	33.27723	65.28843	65.28843	0	-9999	10
2428.465	2429.245	1826.745	107.6991	156.0885	108.0337	107.544	0.550218	32.52203	66.92775	66.92775	0	-9999	10
2428.47	2429.25	1826.75	108.2214	171.2611	108.4581	110.6289	0	33.31879	66.68121	66.68121	0	-9999	10
2428.475	2429.254	1826.754	108.605	145.4584	108.4091	107.3318	6.400487	27.61791	65.9816	50.94941	15.0322	-9999	10
2428.48	2429.258	1826.758	108.2622	156.4615	108.3356	109.6006	1.965856	30.68685	67.34729	67.34729	0	-9999	10
2428.485	2429.262	1826.762	109.3884	141.6153	109.9924	108.8498	0.411305	37.1914	62.39729	62.39729	0	-9999	10
2428.49	2429.267	1826.767	107.9929	141.9617	107.9113	106.0179	6.924335	27.75696	65.3187	50.237	15.0817	-9999	10
2428.495	2429.271	1826.771	108.2785	134.4753	108.3764	108.0173	7.08177	29.47913	63.4391	53.2265	10.2126	-9999	10
2428.5	2429.275	1826.775	107.2665	136.56	107.7317	108.2785	4.66208	31.86737	63.47055	63.47055	0	-9999	10
2428.505	2429.279	1826.779	106.6381	154.883	107.1604	106.0913	0.363307	32.71203	66.92466	66.92466	0	-9999	10
2428.51	2429.284	1826.784	106.9074	142.2747	107.9113	107.9439	0	37.0847	62.9153	62.9153	0	-9999	10
2428.515	2429.288	1826.788	106.8503	127.7082	107.9113	108.9069	2.569947	36.57743	60.85262	60.85262	0	-9999	10
2428.52	2429.292	1826.792	106.3851	99.42777	107.5603	110.6371	8.956297	34.97446	56.06924	37.24082	18.82842	22.85501	10
2428.525	2429.296	1826.796	105.5772	117.6975	107.2176	109.4129	1.673143	39.26557	59.06129	59.06129	0	-9999	10
2428.53	2429.301	1826.801	106.0831	118.0505	107.5603	109.8536	2.387185	38.66755	58.94526	58.94526	0	-9999	10
2428.535	2429.305	1826.805	106.0179	124.318	107.0135	107.2257	4.662211	34.25009	61.08769	61.08769	0	-9999	10
2428.54	2429.309	1826.809	105.112	124.6843	106.328	107.0054	3.699253	34.82386	61.47689	61.47689	0	-9999	10
2428.545	2429.313	1826.813	104.5162	123.0658	105.5935	106.9727	5.71427	32.45032	61.83541	52.82474	9.010667	-9999	10
2428.55	2429.318	1826.818	104.3203	139.6305	105.8465	105.7812	0	37.30552	62.69448	62.69448	0	-9999	10
2428.555	2429.322	1826.822	103.4879	170.6217	104.8263	106.377	0	36.29932	63.70068	63.70068	0	-9999	10
2428.56	2429.326	1826.826	103.2757	171.2145	104.1489	104.508	0	32.04819	67.95181	67.95181	0	-9999	10
2428.565	2429.33	1826.83	101.8312	165.3999	102.9737	104.2142	0	31.78493	68.21507	68.21507	0	-9999	10
2428.57	2429.335	1826.835	99.56236	142.7476	100.2642	100.5499	8.41828	24.11073	67.47099	55.90911	11.56188	24.39259	10
2428.575	2429.339	1826.839	101.6027	126.3561	102.3535	103.4308	10.12845	25.79291	64.07864	55.94571	8.132932	23.96244	10

2428.58	2429.343	1826.843	105.2262	117.8107	105.7485	107.9113	10.63373	28.1473	61.21896	54.99061	6.228359	23.46212	10
2428.585	2429.347	1826.847	104.9651	114.6403	105.4139	106.9074	12.21048	26.91041	60.87911	38.5312	22.34791	23.54614	10
2428.59	2429.352	1826.852	108.6376	99.41445	109.5272	111.6899	9.100954	36.14087	54.75818	38.68379	16.07439	22.77928	10
2428.595	2429.356	1826.856	100.5417	90.11641	101.8638	103.545	15.4471	26.25281	58.30009	38.19374	20.10635	23.47852	10
2428.6	2429.36	1826.86	89.57308	26.34223	89.79343	90.56058	49.51022	5.424397	45.06538	21.46993	23.59545	26.2874	2
2428.605	2429.364	1826.864	85.26397	17.19072	85.25581	85.2803	57.46024	1.800264	40.7395	15.17526	25.56424	27.74172	2
2428.61	2429.369	1826.869	80.69371	22.17943	81.08545	81.99134	57.3584	1.419561	41.22204	29.54693	11.67511	27.28963	2
2428.615	2429.373	1826.873	77.56798	20.7341	77.60063	76.89876	63.36681	0	36.63319	8.451323	28.18187	27.73854	2
2428.62	2429.377	1826.877	83.77048	21.5267	83.68071	83.96635	58.41744	1.22491	40.35765	22.53463	17.82302	27.74395	2
2428.625	2429.381	1826.881	83.95819	45.63767	83.41139	79.61644	55.95185	1.551705	42.49645	13.63948	28.85697	27.68243	2
2428.63	2429.386	1826.886	92.09488	90.15637	90.82174	84.17854	43.32173	4.621151	52.05712	30.39766	21.65945	26.35561	2
2428.635	2429.39	1826.89	96.06122	137.7189	93.17216	87.66336	40.6859	1.116252	58.19785	22.4651	35.73275	25.89325	2
2428.64	2429.394	1826.894	99.79904	136.1204	98.89315	93.61286	22.2644	13.14042	64.59517	35.3403	29.25488	25.04994	2
2428.645	2429.398	1826.898	99.98675	76.79543	100.1255	97.94645	28.35246	16.22588	55.42166	31.85988	23.56178	24.5214	2
2428.65	2429.403	1826.903	100.4519	71.32717	100.305	101.6924	31.46153	14.31496	54.22351	23.59429	30.62922	24.08437	2
2428.655	2429.407	1826.907	96.24076	112.096	95.77558	93.98012	27.93646	11.97467	60.08887	24.55808	35.53079	24.4058	2
2428.66	2429.411	1826.911	93.4578	78.54048	92.37236	92.65801	43.42416	5.167134	51.4087	31.04805	20.36066	25.26926	2
2428.665	2429.415	1826.915	87.19817	43.34646	86.74115	86.57792	52.82979	2.849509	44.3207	29.15807	15.16263	26.69539	2
2428.67	2429.42	1826.92	80.5713	72.39951	79.93472	79.06148	53.28716	2.125292	44.58755	27.3685	17.21904	26.06449	2
2428.675	2429.424	1826.924	81.33029	42.90687	81.49351	79.9184	53.52769	2.454273	44.01803	17.02746	26.99058	26.79287	2
2428.68	2429.428	1826.928	82.18721	44.33887	83.12575	82.84826	46.38411	5.109991	48.5059	18.79803	29.70787	25.64614	2
2428.685	2429.432	1826.932	81.06097	48.45505	81.14258	82.92988	53.0653	2.510691	44.42401	20.03672	24.38729	25.99509	2
2428.69	2429.437	1826.937	81.71386	79.3797	80.65291	78.80032	53.83575	1.793868	44.37038	20.13366	24.23672	26.27457	2
2428.695	2429.441	1826.941	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2429.03	2429.73	1827.23	119.19	96.63703	119.8837	117.7047	1.582855	58.33991	40.07724	40.07724	0	-9999	-9999
2429.035	2429.735	1827.235	118.7983	95.31159	119.6389	120.3407	1.125523	59.75198	39.1225	39.1225	0	-9999	-9999
2429.04	2429.74	1827.24	120.1775	88.85758	120.7978	120.455	3.126221	59.42433	37.44945	37.44945	0	-9999	-9999
2429.045	2429.745	1827.245	122.2423	94.5523	123.1319	124.6254	0	72.28263	27.71737	27.71737	0	-9999	-9999
2429.05	2429.75	1827.25	121.7037	87.23242	122.5198	124.2663	0.59748	68.27925	31.12327	31.12327	0	-9999	-9999
2429.055	2429.755	1827.255	123.4175	77.95436	123.9153	125.0171	3.732748	66.72529	29.54196	29.54196	0	-9999	-9999
2429.06	2429.76	1827.26	124.356	92.52085	125.0497	127.441	0	75.69184	24.30816	24.30816	0	-9999	-9999
2429.065	2429.765	1827.265	126.3882	90.68255	126.9023	126.4616	0	79.13437	20.86563	20.86563	0	-9999	-9999
2429.07	2429.77	1827.27	125.6047	82.297	126.3147	127.4246	0	80.40539	19.59461	19.59461	0	-9999	-9999
2429.075	2429.775	1827.275	124.7314	60.41729	125.1069	124.7478	7.716621	67.32308	24.96029	16.27656	8.68373	-9999	-9999
2429.08	2429.78	1827.28	126.9921	79.69941	127.5307	128.1673	0	81.53689	18.46311	18.46311	0	-9999	-9999
2429.085	2429.785	1827.285	128.3387	83.70902	128.9018	128.8447	0	88.37604	11.62396	11.62396	0	-9999	-9999
2429.09	2429.79	1827.29	128.3632	74.86389	128.861	129.3262	0	86.00411	13.99589	13.99589	0	-9999	-9999
2429.095	2429.795	1827.295	127.645	68.13014	127.9633	128.7957	3.612398	77.43901	18.9486	14.97849	3.970107	-9999	-9999
2429.1	2429.8	1827.3	129.3996	64.48019	129.8322	130.0444	1.995915	88.05463	9.949458	9.949458	0	-9999	-9999
2429.105	2429.805	1827.305	130.1994	69.66205	130.4606	129.7098	1.334326	86.76858	11.89709	11.89709	0	-9999	-9999
2429.11	2429.81	1827.31	131.4971	79.17989	132.1581	133.3905	0	100	0	0	0	-9999	-9999
2429.115	2429.815	1827.315	128.4366	64.34032	128.812	129.2446	3.358486	82.08836	14.55315	14.55315	0	-9999	-9999
2429.12	2429.82	1827.32	128.0449	55.14218	128.4366	129.6037	5.818334	80.26501	13.91666	13.91666	0	-9999	-9999
2429.125	2429.825	1827.325	129.4813	68.07019	130.0281	129.5629	0.166564	92.15511	7.678331	7.678331	0	-9999	-9999
2429.13	2429.83	1827.33	128.9916	75.823	129.4323	129.2609	0	87.21037	12.78963	12.78963	0	-9999	-9999
2429.135	2429.835	1827.335	128.812	74.15788	129.3262	128.9181	0	88.45699	11.54301	11.54301	0	-9999	-9999
2429.14	2429.84	1827.34	127.3104	76.88202	127.8001	128.4774	0.47405	81.35585	18.1701	18.1701	0	-9999	-9999
2429.145	2429.845	1827.345	128.2326	76.06944	128.8773	129.6282	0	89.73117	10.26883	10.26883	0	-9999	-9999
2429.15	2429.85	1827.35	128.5019	83.52919	128.9753	128.9916	0	86.49763	13.50237	13.50237	0	-9999	-9999
2429.155	2429.855	1827.355	127.9225	82.57674	128.6978	130.0689	0	92.46877	7.531233	7.531233	0	-9999	-9999
2429.16	2429.86	1827.36	128.6243	92.22779	129.6282	131.2441	0	100	0	0	0	-9999	-9999
2429.165	2429.865	1827.365	127.7837	113.0685	128.9589	130.2158	0	100	0	0	0	-9999	-9999
2429.17	2429.87	1827.37	125.4496	96.44387	126.2494	127.8653	0	82.98746	17.01254	17.01254	0	-9999	-9999
2429.175	2429.875	1827.375	125.7353	91.3819	126.8534	127.4818	0	92.09787	7.902134	7.902134	0	-9999	-9999
2429.18	2429.88	1827.38	121.5078	115.8992	122.5279	122.9033	0	73.79358	26.20642	26.20642	0	-9999	-9999
2429.185	2429.885	1827.385	129.3507	117.6509	130.2484	131.6766	0	100	0	0	0	-9999	-9999
2429.19	2429.89	1827.39	131.5052	120.6348	132.2805	133.3089	0	100	0	0	0	-9999	-9999
2429.195	2429.895	1827.395	132.8845	121.474	133.6027	133.4231	0	100	0	0	0	-9999	-9999
2429.2	2429.9	1827.4	132.7947	136.1604	133.1946	133.5292	0	100	0	0	0	-9999	-9999
2429.205	2429.905	1827.405	132.8029	116.2055	133.5292	134.9737	0	100	0	0	0	-9999	-9999
2429.21	2429.91	1827.41	131.8562	111.0703	132.6804	134.2229	0	100	0	0	0	-9999	-9999
2429.215	2429.915	1827.415	133.1375	128.6607	133.5618	135.6593	0	100	0	0	0	-9999	-9999
2429.22	2429.92	1827.42	133.4639	108.0797	133.7414	132.2397	0	100	0	0	0	-9999	-9999
2429.225	2429.925	1827.425	132.2071	134.6484	133.3333	133.2272	0	100	0	0	0	-9999	-9999
2429.23	2429.93	1827.43	136.7039	131.2249	137.6914	137.7893	0	100	0	0	0	-9999	-9999
2429.235	2429.935	1827.435	136.9406	126.3761	138.026	139.2339	0	100	0	0	0	-9999	-9999
2429.24	2429.94	1827.44	136.6549	112.1426	137.8057	139.6501	0	100	0	0	0	-9999	-9999
2429.245	2429.945	1827.445	136.3203	101.4526	137.3078	139.9031	0	100	0	0	0	-9999	-9999
2429.25	2429.95	1827.45	137.52	105.642	138.5891	139.6664	0	100	0	0	0	-9999	-9999
2429.255	2429.955	1827.455	136.1979	98.78171	136.8834	136.2958	0	100	0	0	0	-9999	-9999
2429.26	2429.96	1827.46	136.2958	95.67792	136.9079	138.8503	0	100	0	0	0	-9999	-9999
2429.265	2429.965	1827.465	136.6305	114.1741	137.6098	137.9852	0	100	0	0	0	-9999	-9999
2429.27	2429.97	1827.47	134.4841	105.9217	135.2349	136.255	0	100	0	0	0	-9999	-9999

2429.275	2429.975	1827.475	133.9454	98.43536	134.2719	136.6713	0	100	0	0	0	-9999	-9999
2429.28	2429.98	1827.48	132.7784	88.19153	132.9498	130.9339	0	97.23164	2.768361	2.768361	0	-9999	-9999
2429.285	2429.985	1827.485	129.0406	83.9155	129.2201	128.5346	0	80.25895	19.74105	19.74105	0	-9999	-9999
2429.29	2429.99	1827.49	130.0036	70.36806	130.428	130.4116	0.078686	91.00876	8.912551	8.912551	0	-9999	-9999
2429.295	2429.995	1827.495	130.2321	65.89221	130.2647	131.1298	3.987569	79.55124	16.46119	16.46119	0	-9999	-9999
2429.3	2430	1827.5	128.3305	62.34883	128.4203	129.2691	6.151754	73.38413	20.46412	8.809627	11.65449	-9999	-9999
2429.305	2430.005	1827.505	126.1352	50.11352	126.3474	126.6656	10.18369	67.63927	22.17704	10.61545	11.56159	17.38983	-9999
2429.31	2430.01	1827.51	125.9311	52.34478	126.0617	125.5802	10.46393	65.00606	24.53002	17.01745	7.512572	17.9095	-9999
2429.315	2430.015	1827.515	125.4251	66.31848	125.6863	124.2826	6.535816	67.41636	26.04782	14.30699	11.74083	-9999	-9999
2429.32	2430.02	1827.52	127.6613	69.64873	128.0449	127.2288	2.723889	79.41222	17.86389	17.04642	0.817471	-9999	-9999
2429.325	2430.025	1827.525	126.0944	80.4587	126.8289	126.8942	0	82.9723	17.0277	17.0277	0	-9999	-9999
2429.33	2430.03	1827.53	121.7771	77.46814	122.2831	123.0421	5.296329	61.39185	33.31182	24.12012	9.191706	-9999	-9999
2429.335	2430.035	1827.535	122.1199	62.36881	122.3974	122.0219	10.40599	56.68408	32.90992	28.34443	4.565492	19.55297	-9999
2429.34	2430.04	1827.54	121.8506	78.46722	122.5361	122.2341	3.595497	65.45267	30.95183	30.95183	0	-9999	-9999
2429.345	2430.045	1827.545	121.7037	71.6935	122.0709	123.0421	7.836603	57.90756	34.25583	31.65279	2.603043	-9999	-9999
2429.35	2430.05	1827.55	122.4055	80.61189	123.0829	125.2211	2.629171	67.33878	30.03205	30.03205	0	-9999	-9999
2429.355	2430.055	1827.555	122.128	68.82949	122.4137	122.3892	8.771754	57.31534	33.91291	31.97239	1.940524	19.59468	-9999
2429.36	2430.06	1827.56	121.9811	69.04928	122.2831	122.7483	8.727214	57.22484	34.04794	17.73155	16.31639	19.53909	-9999
2429.365	2430.065	1827.565	120.912	78.35399	121.5486	122.9033	4.865846	61.33963	33.79453	33.79453	0	-9999	-9999
2429.37	2430.07	1827.57	121.3527	81.69089	121.5894	123.6379	6.752076	54.89365	38.35427	36.88995	1.464318	-9999	-9999
2429.375	2430.075	1827.575	119.5491	79.40634	119.8021	121.0997	8.83777	50.09052	41.07171	34.84761	6.224108	20.57406	-9999
2429.38	2430.08	1827.58	121.2221	73.71163	121.6384	122.9197	7.41171	57.57404	35.01425	35.01425	0	-9999	-9999
2429.385	2430.085	1827.585	120.2673	53.60361	120.659	120.5203	13.34607	52.92273	33.7312	25.15316	8.578039	19.91622	-9999
2429.39	2430.09	1827.59	121.0426	70.22153	121.6139	122.3239	7.219761	59.8975	32.88274	19.03749	13.84525	-9999	-9999
2429.395	2430.095	1827.595	120.6509	64.79989	121.0671	122.3402	10.09393	55.26604	34.64003	29.39466	5.245373	19.63854	-9999
2429.4	2430.1	1827.6	120.6019	69.61543	121.2221	121.2385	7.392391	59.44282	33.16479	33.16479	0	-9999	-9999
2429.405	2430.105	1827.605	120.4223	65.67242	121.0916	121.2874	8.132287	59.57236	32.29536	18.05046	14.24489	19.52806	-9999
2429.41	2430.11	1827.61	120.7733	67.64392	121.5404	122.2504	6.573336	62.77698	30.64968	28.96199	1.68769	-9999	-9999
2429.415	2430.115	1827.615	120.9447	65.05299	121.72	123.0666	6.979418	63.33657	29.68401	19.44589	10.23812	-9999	-9999
2429.42	2430.12	1827.62	119.8511	67.65058	120.5774	121.0997	7.736407	59.01517	33.24842	28.31526	4.933159	-9999	-9999
2429.425	2430.125	1827.625	121.2221	65.13292	121.6873	122.8054	9.108262	57.98033	32.91141	30.63624	2.275167	19.35713	-9999
2429.43	2430.13	1827.63	121.7689	69.15585	122.4871	123.7684	5.670933	65.23059	29.09848	29.09848	0	-9999	-9999
2429.435	2430.135	1827.635	122.1362	65.81895	122.6748	122.887	7.532072	62.45838	30.00955	25.37816	4.631393	-9999	-9999
2429.44	2430.14	1827.64	122.9442	75.52994	123.7684	125.5149	2.224971	72.17601	25.59902	25.59902	0	-9999	-9999
2429.445	2430.145	1827.645	122.5606	69.20248	123.2869	124.0704	4.868097	68.18007	26.95183	26.95183	0	-9999	-9999
2429.45	2430.15	1827.65	122.1852	66.05873	122.936	125.0905	5.784518	67.16285	27.05263	17.73444	9.318196	-9999	-9999
2429.455	2430.155	1827.655	121.5812	68.91608	122.2504	124.405	6.281145	63.55795	30.1609	24.59182	5.56908	-9999	-9999
2429.46	2430.16	1827.66	121.5731	75.39007	122.1688	122.3402	5.291189	62.44897	32.25985	32.25985	0	-9999	-9999
2429.465	2430.165	1827.665	121.1405	75.58988	121.924	123.4583	4.186042	64.87301	30.94095	23.80839	7.132558	-9999	-9999
2429.47	2430.17	1827.67	120.1775	64.8332	120.6509	120.2428	10.07861	54.98213	34.93926	21.50644	13.43282	20.03841	-9999
2429.475	2430.175	1827.675	118.1291	60.8036	118.6269	118.937	12.7486	49.42775	37.82365	24.6685	13.15515	20.55088	-9999
2429.48	2430.18	1827.68	117.1987	70.35474	117.8842	119.0594	9.83844	50.76101	39.40055	30.09733	9.303214	20.61052	-9999
2429.485	2430.185	1827.685	117.1824	56.60749	117.3211	117.6394	17.41798	40.81088	41.77114	28.55507	13.21607	21.34737	-9999
2429.49	2430.19	1827.69	116.3499	58.25263	116.8722	118.7411	14.81299	45.10443	40.08258	18.60767	21.47491	20.7786	-9999
2429.495	2430.195	1827.695	118.0148	63.23468	118.6432	119.5573	11.25341	51.54011	37.20648	16.98944	20.21704	20.32969	-9999
2429.5	2430.2	1827.7	117.2313	61.86928	117.6231	118.2596	14.13886	45.41001	40.45114	25.90281	14.54832	20.95105	-9999
2429.505	2430.205	1827.705	116.7172	63.98731	117.1905	118.2107	13.46682	45.61392	40.91925	29.69842	11.22084	20.95499	-9999
2429.51	2430.21	1827.71	117.0028	67.58398	117.2966	119.8347	13.72512	43.64833	42.62654	32.69129	9.935255	20.87241	-9999
2429.515	2430.215	1827.715	118.4881	78.38729	118.7248	119.1737	10.18696	47.0137	42.79934	26.71937	16.07998	21.06409	-9999
2429.52	2430.22	1827.72	118.2433	72.13975	118.7738	117.1089	9.64714	51.06652	39.28634	32.83298	6.453355	21.02105	-9999
2429.525	2430.225	1827.725	118.4392	84.58154	119.0186	119.1982	6.076532	53.30199	40.62147	40.62147	0	-9999	-9999
2429.53	2430.23	1827.73	119.5165	74.18452	119.6389	120.1857	11.14347	47.26956	41.58697	31.07213	10.51484	20.81788	-9999
2429.535	2430.235	1827.735	119.9164	75.96953	120.1857	120.8549	9.205107	51.14069	39.6542	30.63997	9.014227	20.47194	-9999
2429.54	2430.24	1827.74	120.8222	73.44521	121.0997	121.7363	8.919325	53.63267	37.44801	25.30028	12.14772	20.09174	-9999
2429.545	2430.245	1827.745	122.683	79.1266	122.5361	122.7728	9.121494	50.52597	40.35253	22.9293	17.42324	20.35917	-9999
2429.55	2430.25	1827.75	121.6792	89.1906	122.4463	123.8256	0.52562	67.29934	32.17504	32.17504	0	-9999	-9999
2429.555	2430.255	1827.755	122.4545	139.4906	123.5318	125.4823	0	80.23196	19.76804	19.76804	0	-9999	-9999
2429.56	2430.26	1827.76	120.3652	113.9943	121.6384	124.9518	0	74.61038	25.38962	25.38962	0	-9999	-9999
2429.565	2430.265	1827.765	123.5562	156.1618	125.3191	125.4741	0	100	0	0	0	-9999	-9999
2429.57	2430.27	1827.77	124.2744	136.8464	125.6129	126.429	0	93.92308	6.076923	6.076923	0	-9999	-9999
2429.575	2430.275	1827.775	123.3849	133.0233	124.6335	124.1357	0	87.53236	12.46764	12.46764	0	-9999	-9999
2429.58	2430.28	1827.78	124.0296	130.9652	125.4007	126.2902	0	93.18962	6.810381	6.810381	0	-9999	-9999
2429.585	2430.285	1827.785	122.5361	141.4688	124.103	125.2864	0	91.68476	8.315235	8.315235	0	-9999	-9999
2429.59	2430.29	1827.79	121.2874	107.3804	122.3892	124.6498	0	74.10759	25.89241	25.89241	0	-9999	-9999
2429.595	2430.295	1827.795	121.0916	101.7523	122.6585	123.6868	0	82.72327	17.27673	17.27673	0	-9999	-9999
2429.6	2430.3	1827.8	121.6792	98.86163	122.6177	122.8707	0	71.55406	28.44594	28.44594	0	-9999	-9999
2429.605	2430.305	1827.805	122.732	109.1521	123.3522	123.8337	0	69.1628	30.8372	30.8372	0	-9999	-9999
2429.61	2430.31	1827.81	120.4305	116.2721	121.6465	122.0219	0	73.85882	26.14118	26.14118	0	-9999	-9999
2429.615	2430.315	1827.815	120.0388	108.566	121.3364	121.2385	0	73.5155	26.4845	26.4845	0	-9999	-9999
2429.62	2430.32	1827.82	121.5894	103.9369	122.2504	123.1563	0	65.78001	34.21999	34.21999	0	-9999	-9999
2429.625	2430.325	1827.825	122.0709	109.5584	123.0584	123.7031	0	74.77294	25.22706	25.22706	0	-9999	-9999
2429.63	2430.33	1827.83	122.1199	114.314	122.7401	122.1362	0	67.40755	32.59245	32.59245	0	-9999	-9999
2429.635	2430.335	1827.835	122.5524	106.1682	123.2216	123.2053	0	69.40154	30.59846	30.59846	0	-9999	-9999

2429.64	2430.34	1827.84	120.3815	113.4681	121.4343	122.3239	0	70.22808	29.77192	29.77192	0	-9999	-9999
2429.645	2430.345	1827.845	120.6672	110.7706	121.8179	123.6868	0	73.04229	26.95771	26.95771	0	-9999	-9999
2429.65	2430.35	1827.85	120.1693	110.3909	121.369	121.9566	0	72.1779	27.8221	27.8221	0	-9999	-9999
2429.655	2430.355	1827.855	120.5203	103.6372	121.6465	120.3326	0	71.52985	28.47015	28.47015	0	-9999	-9999
2429.66	2430.36	1827.86	119.0594	101.033	119.9	120.7161	0	60.94411	39.05589	39.05589	0	-9999	-9999
2429.665	2430.365	1827.865	114.481	89.28385	114.987	115.3951	9.149336	42.57692	48.27375	47.68193	0.591817	22.0423	-9999
2429.67	2430.37	1827.87	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2430.03	2430.73	1828.23	117.7944	103.1177	118.5779	120.3734	0.602712	56.29053	43.10675	43.10675	0	-9999	-9999
2430.035	2430.735	1828.235	120.3897	77.80783	120.7651	121.8995	7.50252	54.59418	37.9033	35.01901	2.884284	-9999	-9999
2430.04	2430.74	1828.24	120.659	56.19454	121.0752	121.1813	12.16892	54.70922	33.12187	18.29568	14.82619	19.69946	-9999
2430.045	2430.745	1828.245	122.1933	77.03521	122.3076	122.8299	8.054135	54.49057	37.45529	21.79791	15.65739	19.95257	-9999
2430.05	2430.75	1828.25	123.9806	57.16031	124.2255	124.1846	10.20756	61.48161	28.31084	25.49663	2.814204	18.61841	-9999
2430.055	2430.755	1828.255	124.5356	69.47556	124.7314	124.8702	7.096202	63.00914	29.89466	29.89466	0	-9999	-9999
2430.06	2430.76	1828.26	124.4376	60.03098	124.6662	124.2826	9.218891	62.81039	27.97072	15.88503	12.08568	18.55245	-9999
2430.065	2430.765	1828.265	128.0694	70.03504	128.7468	130.5993	0	89.50657	10.49343	10.49343	0	-9999	-9999
2430.07	2430.77	1828.27	129.2038	79.57286	129.7995	130.428	0	93.09313	6.906869	6.906869	0	-9999	-9999
2430.075	2430.775	1828.275	127.1961	68.996	127.5879	126.4861	3.246572	77.68736	19.06606	17.23376	1.832302	-9999	-9999
2430.08	2430.78	1828.28	126.8697	68.27667	127.2696	128.0775	3.657733	76.54426	19.798	19.798	0	-9999	-9999
2430.085	2430.785	1828.285	130.9176	86.11346	131.3502	132.4274	0	96.74592	3.254079	3.254079	0	-9999	-9999
2430.09	2430.79	1828.29	131.4155	70.96751	131.9214	132.7131	0	100	0	0	0	-9999	-9999
2430.095	2430.795	1828.295	128.5264	72.09979	129.2854	129.8159	0	94.18973	5.810272	5.810272	0	-9999	-9999
2430.1	2430.8	1828.3	128.3142	72.51274	129.1385	129.7995	0	95.09664	4.903357	4.903357	0	-9999	-9999
2430.105	2430.805	1828.305	129.4649	74.29775	130.2974	132.7702	0	100	0	0	0	-9999	-9999
2430.11	2430.81	1828.31	130.2566	65.01969	130.7707	131.9459	0.444495	94.68975	4.865759	4.865759	0	-9999	-9999
2430.115	2430.815	1828.315	132.3132	87.07257	133.3333	135.4144	0	100	0	0	0	-9999	-9999
2430.12	2430.82	1828.32	132.2479	81.38451	133.2436	134.8105	0	100	0	0	0	-9999	-9999
2430.125	2430.825	1828.325	133.0722	78.24742	134.0107	136.4917	0	100	0	0	0	-9999	-9999
2430.13	2430.83	1828.33	131.8562	73.11884	132.7621	133.8475	0	100	0	0	0	-9999	-9999
2430.135	2430.835	1828.335	128.9181	63.27464	130.0199	132.4356	0	100	0	0	0	-9999	-9999
2430.14	2430.84	1828.34	127.441	55.60176	128.0286	129.8975	4.744751	83.17339	12.08186	12.08186	0	-9999	-9999
2430.145	2430.845	1828.345	130.1178	63.8208	130.7789	132.2642	0	98.57519	1.424813	1.424813	0	-9999	-9999
2430.15	2430.85	1828.35	126.5922	95.87773	127.6042	126.4045	0	93.63227	6.367729	6.367729	0	-9999	-9999
2430.155	2430.855	1828.355	128.6978	87.67201	129.5302	131.6113	0	98.26479	1.735207	1.735207	0	-9999	-9999
2430.16	2430.86	1828.36	126.7228	48.06875	127.3675	129.3262	6.785725	81.10826	12.10602	3.999172	8.106847	-9999	-9999
2430.165	2430.865	1828.365	126.3392	54.40953	126.7881	127.0411	7.122124	74.78751	18.09037	18.09037	0	-9999	-9999
2430.17	2430.87	1828.37	125.1966	54.06319	125.5312	126.0862	9.142588	67.57335	23.28406	18.15026	5.1338	17.61265	-9999
2430.175	2430.875	1828.375	126.2739	61.0234	127.0655	128.1836	2.925171	83.93577	13.13906	11.92547	1.213593	-9999	-9999
2430.18	2430.88	1828.38	125.5231	52.34478	126.0291	126.8615	7.929879	72.91277	19.15735	4.848991	14.30836	-9999	-9999
2430.185	2430.885	1828.385	124.9028	59.95106	125.6292	125.9964	4.952062	76.44032	18.60762	18.60762	0	-9999	-9999
2430.19	2430.89	1828.39	124.0214	58.03284	124.6009	123.948	7.365651	69.40837	23.22598	20.95516	2.270822	-9999	-9999
2430.195	2430.895	1828.395	123.8174	63.04152	124.3724	127.3593	6.531004	68.43605	25.03295	25.03295	0	-9999	-9999
2430.2	2430.9	1828.4	125.2701	71.25391	125.466	130.0199	5.990095	65.61006	28.39984	28.39984	0	-9999	-9999
2430.205	2430.905	1828.405	125.2782	89.55027	125.7679	125.3354	0	74.07921	25.92079	25.92079	0	-9999	-9999
2430.21	2430.91	1828.41	125.164	81.30458	125.5312	123.0094	2.327206	70.09127	27.58152	27.58152	0	-9999	-9999
2430.215	2430.915	1828.415	126.078	86.29329	126.5187	128.102	0	75.70391	24.29609	24.29609	0	-9999	-9999
2430.22	2430.92	1828.42	127.0737	108.2862	127.7837	130.7789	0	88.47413	11.52587	11.52587	0	-9999	-9999
2430.225	2430.925	1828.425	127.3838	91.27534	127.849	130.7136	0	81.96539	18.03461	18.03461	0	-9999	-9999
2430.23	2430.93	1828.43	127.5634	86.48644	128.0775	132.4846	0	83.75416	16.24584	16.24584	0	-9999	-9999
2430.235	2430.935	1828.435	127.0166	76.66888	127.5471	131.6113	0.479681	81.21497	18.30535	18.30535	0	-9999	-9999
2430.24	2430.94	1828.44	129.4568	80.19228	129.9301	133.0722	0	90.6177	9.3823	9.3823	0	-9999	-9999
2430.245	2430.945	1828.445	127.5797	58.99861	128.0122	129.2527	4.996806	79.70839	15.29481	10.95214	4.342669	-9999	-9999
2430.25	2430.95	1828.45	126.7554	57.65985	127.1472	128.7304	6.395369	75.15619	18.44844	18.44844	0	-9999	-9999
2430.255	2430.955	1828.455	128.8447	72.82578	129.5792	131.5787	0	95.06758	4.932418	4.932418	0	-9999	-9999
2430.26	2430.96	1828.46	129.2935	66.71811	129.7832	132.1826	1.109201	89.44338	9.447421	9.447421	0	-9999	-9999
2430.265	2430.965	1828.465	128.5101	68.39656	129.0977	130.2647	0.664824	88.83731	10.49786	10.49786	0	-9999	-9999
2430.27	2430.97	1828.47	127.4246	81.35787	128.2244	129.669	0	90.73713	9.262872	9.262872	0	-9999	-9999
2430.275	2430.975	1828.475	128.0857	72.49276	128.5672	130.885	0.886213	84.15442	14.95937	14.95937	0	-9999	-9999
2430.28	2430.98	1828.48	129.1548	58.37918	129.4649	129.7995	4.646345	82.87714	12.47651	12.47651	0	-9999	-9999
2430.285	2430.985	1828.485	128.7304	61.92256	129.2201	128.2408	2.787797	86.53935	10.67285	9.394823	1.278029	-9999	-9999
2430.29	2430.99	1828.49	130.9992	62.06909	131.5297	131.4481	0.348787	98.74716	0.904055	0.904055	0	-9999	-9999
2430.295	2430.995	1828.495	129.7587	58.57234	130.2484	128.8692	2.652507	91.0806	6.266896	6.266896	0	-9999	-9999
2430.3	2431	1828.5	129.1875	59.22506	129.6445	130.4851	3.273124	87.46599	9.260882	9.260882	0	-9999	-9999
2430.305	2431.005	1828.505	126.8207	53.89001	126.9676	128.4856	9.145078	68.69819	22.15673	16.04816	6.108569	17.02564	-9999
2430.31	2431.01	1828.51	129.9791	65.99212	130.33	130.0117	1.729431	88.31412	9.95645	9.95645	0	-9999	-9999
2430.315	2431.015	1828.515	127.5634	52.08502	127.8327	127.947	7.949894	74.68368	17.36642	11.92852	5.437907	-9999	-9999
2430.32	2431.02	1828.52	127.2614	49.52073	127.3675	125.8495	10.11324	68.93776	20.94899	17.29924	3.649749	17.36472	-9999
2430.325	2431.025	1828.525	127.6123	67.3775	128.2	127.8164	1.737347	84.7206	13.54206	13.54206	0	-9999	-9999
2430.33	2431.03	1828.53	129.0406	81.65759	129.0079	127.2696	1.774551	73.90905	24.3164	24.3164	0	-9999	-9999
2430.335	2431.035	1828.535	128.6651	64.37362	128.9345	129.5955	3.962434	79.99673	16.04084	16.04084	0	-9999	-9999
2430.34	2431.04	1828.54	128.8773	69.71533	129.3507	130.33	0.893295	87.2489	11.8578	11.8578	0	-9999	-9999
2430.345	2431.045	1828.545	129.5955	70.05502	130.0362	131.9296	0.403359	89.58298	10.01366	10.01366	0	-9999	-9999
2430.35	2431.05	1828.55	126.5514	55.70833	126.5677	126.0291	9.964806	64.4748	25.56039	22.01056	3.549835	17.95059	-9999
2430.355	2431.055	1828.555	127.0574	66.5183	127.5471	127.7429	3.214827	79.59831	17.18686	17.18686	0	-9999	-9999

2430.36	2431.06	1828.56	131.2522	71.46038	131.3828	132.6723	0.942547	87.4721	11.58536	11.58536	0	-9999	-9999
2430.365	2431.065	1828.565	128.7468	80.55195	129.5302	131.7419	0	96.56813	3.431874	3.431874	0	-9999	-9999
2430.37	2431.07	1828.57	128.0449	80.71846	128.5672	131.5787	0	85.69029	14.30971	14.30971	0	-9999	-9999
2430.375	2431.075	1828.575	128.6896	70.24817	129.0569	129.6445	1.759278	83.34096	14.89976	14.89976	0	-9999	-9999
2430.38	2431.08	1828.58	127.6858	69.8219	128.0122	129.0977	3.102201	77.94385	18.95395	16.04241	2.911544	-9999	-9999
2430.385	2431.085	1828.585	127.1308	66.59823	127.3022	129.5955	5.594628	71.35048	23.05489	17.54977	5.505119	-9999	-9999
2430.39	2431.09	1828.59	126.2168	74.40432	126.682	128.0857	2.269512	76.07636	21.65413	21.65413	0	-9999	-9999
2430.395	2431.095	1828.595	126.7473	70.70775	127.2369	128.6815	2.486296	78.60234	18.91136	18.91136	0	-9999	-9999
2430.4	2431.1	1828.6	126.1923	72.71921	126.5187	126.7146	3.775067	72.29447	23.93046	23.93046	0	-9999	-9999
2430.405	2431.105	1828.605	127.3675	70.94752	127.5715	128.404	4.07136	73.4171	22.51154	22.51154	0	-9999	-9999
2430.41	2431.11	1828.61	126.7065	73.312	127.1716	128.0041	2.083356	77.96204	19.95461	19.95461	0	-9999	-9999
2430.415	2431.115	1828.615	125.5068	69.72865	125.8985	126.9513	4.623486	71.17345	24.20307	24.20307	0	-9999	-9999
2430.42	2431.12	1828.62	126.9839	77.44816	127.4981	128.0857	0.447628	80.6906	18.86177	18.86177	0	-9999	-9999
2430.425	2431.125	1828.625	124.5519	89.06405	125.3517	126.5187	0	78.78127	21.21873	21.21873	0	-9999	-9999
2430.43	2431.13	1828.63	127.2288	81.80412	127.4654	127.7674	1.318708	74.49749	24.1838	24.1838	0	-9999	-9999
2430.435	2431.135	1828.635	125.1803	80.51865	125.8822	125.1395	0	78.34302	21.65698	21.65698	0	-9999	-9999
2430.44	2431.14	1828.64	124.8375	80.32549	125.368	126.9023	1.599495	72.78667	25.61384	25.61384	0	-9999	-9999
2430.445	2431.145	1828.645	124.7151	75.92957	125.0987	125.2211	3.914417	68.50701	27.57857	27.57857	0	-9999	-9999
2430.45	2431.15	1828.65	124.3316	74.51755	124.4948	124.7151	6.316744	61.91891	31.76434	31.76434	0	-9999	-9999
2430.455	2431.155	1828.655	123.4828	71.35381	123.6868	122.8381	7.546983	59.91686	32.53616	32.53616	0	-9999	-9999
2430.46	2431.16	1828.66	121.9158	86.12012	122.4545	121.6384	2.821913	63.10537	34.07272	34.07272	0	-9999	-9999
2430.465	2431.165	1828.665	122.0627	88.41133	122.8625	123.8745	0.108319	69.28519	30.60649	30.60649	0	-9999	-9999
2430.47	2431.17	1828.67	122.0383	92.08791	122.7809	123.7031	0	68.22869	31.77131	31.77131	0	-9999	-9999
2430.475	2431.175	1828.675	122.4626	79.5662	122.9523	125.1966	4.284402	63.42043	32.29517	32.29517	0	-9999	-9999
2430.48	2431.18	1828.68	120.9365	63.61433	121.3772	122.4626	9.928299	56.51854	33.55316	32.54021	1.012945	19.48425	-9999
2430.485	2431.185	1828.685	122.0546	65.02635	122.6177	124.2826	7.609217	62.6525	29.73828	29.73828	0	-9999	-9999
2430.49	2431.19	1828.69	122.381	64.22709	122.8544	122.3484	8.198046	61.76731	30.03464	19.2442	10.79045	19.11036	-9999
2430.495	2431.195	1828.695	121.9566	59.65134	122.5851	122.9768	8.494076	63.33957	28.16636	21.46329	6.703068	18.74641	-9999
2430.5	2431.2	1828.7	122.2749	54.16309	122.887	125.2211	9.655906	63.6996	26.6445	10.57281	16.07169	18.15686	-9999
2430.505	2431.205	1828.705	122.1444	53.45708	122.381	124.0214	12.85635	55.3046	31.83904	14.53579	17.30325	19.09876	-9999
2430.51	2431.21	1828.71	122.4708	61.70277	123.0258	124.5029	8.09385	63.64577	28.26038	22.47522	5.785164	18.48992	-9999
2430.515	2431.215	1828.715	121.9077	87.319	122.7891	124.9844	0	70.39451	29.60549	29.60549	0	-9999	-9999
2430.52	2431.22	1828.72	122.8462	71.75344	123.7031	125.368	2.975986	72.28122	24.7428	24.7428	0	-9999	-9999
2430.525	2431.225	1828.725	123.0992	75.50996	123.8827	125.1803	2.403395	71.84055	25.75605	25.75605	0	-9999	-9999
2430.53	2431.23	1828.73	123.14	68.1701	123.5236	124.1683	7.241308	62.57722	30.18147	20.57498	9.606493	-9999	-9999
2430.535	2431.235	1828.735	123.5726	54.09649	123.9153	125.7516	10.56543	62.1497	27.28487	19.54222	7.742651	18.1882	-9999
2430.54	2431.24	1828.74	123.8582	52.99085	124.2173	124.862	10.44371	63.40466	26.15163	21.5778	4.57383	18.2102	-9999
2430.545	2431.245	1828.745	125.2619	51.05931	125.3354	124.6988	11.83343	61.24986	26.91671	6.328663	20.58804	18.40384	-9999
2430.55	2431.25	1828.75	126.1923	55.54847	126.7065	126.8778	6.475656	75.9733	17.55105	10.54987	7.001171	-9999	-9999
2430.555	2431.255	1828.755	125.1966	55.32868	125.4496	124.454	9.468831	65.67013	24.86104	18.03732	6.823723	18.12358	-9999
2430.56	2431.26	1828.76	126.2249	60.61045	126.38	126.1841	8.003589	67.21543	24.78098	17.42404	7.356939	17.78884	-9999
2430.565	2431.265	1828.765	122.7809	48.14201	123.1727	123.4501	12.35522	60.22839	27.41639	4.26323	23.15316	18.65211	-9999
2430.57	2431.27	1828.77	122.5116	43.89928	122.8054	123.1563	14.38873	56.98119	28.63009	22.00849	6.621595	18.92662	-9999
2430.575	2431.275	1828.775	122.4137	44.19234	122.7075	122.8217	14.4079	56.69803	28.89407	23.46942	5.424647	19.0189	-9999
2430.58	2431.28	1828.78	121.5894	46.09724	121.7853	122.8544	15.46425	52.34712	32.18864	12.88122	19.30742	19.43853	-9999
2430.585	2431.285	1828.785	123.4583	55.33534	123.8664	125.8659	9.86475	63.31895	26.8163	17.45779	9.358511	18.09157	-9999
2430.59	2431.29	1828.79	125.7842	85.70051	126.0536	125.0334	1.451753	70.21435	28.3339	28.3339	0	-9999	-9999
2430.595	2431.295	1828.795	122.4137	55.9148	122.4463	121.6057	13.59504	51.98828	34.41668	26.5041	7.912575	19.90549	-9999
2430.6	2431.3	1828.8	127.4818	59.4382	127.3512	128.5835	9.344716	64.05556	26.59972	11.69971	14.90002	17.61164	-9999
2430.605	2431.305	1828.805	127.188	74.89053	126.8289	127.1308	7.646526	58.11862	34.23486	34.23486	0	-9999	-9999
2430.61	2431.31	1828.81	125.9067	60.39731	125.8332	125.2456	10.11897	60.38118	29.49985	24.40174	5.098104	18.61456	-9999
2430.615	2431.315	1828.815	124.3234	64.08722	124.5519	124.9518	8.342397	62.7039	28.9537	11.99327	16.96043	18.54245	-9999
2430.62	2431.32	1828.82	123.0829	61.89592	123.6705	125.2701	7.230989	66.48162	26.28739	21.61256	4.674836	-9999	-9999
2430.625	2431.325	1828.825	123.5236	60.16419	123.9153	125.6781	8.762599	63.49813	27.73927	22.08501	5.65426	18.23464	-9999
2430.63	2431.33	1828.83	121.3609	49.8471	121.7363	122.634	13.37553	55.56003	31.06444	15.01349	16.05095	19.24114	-9999
2430.635	2431.335	1828.835	122.0627	52.09834	122.6993	124.7396	10.16104	63.36069	26.47826	24.09142	2.386845	18.22434	-9999
2430.64	2431.34	1828.84	122.2423	49.86708	122.6585	123.8256	12.24355	59.13569	28.62075	20.66243	7.958322	18.71394	-9999
2430.645	2431.345	1828.845	120.455	57.5333	120.8386	122.1199	12.28564	53.57071	34.14365	22.99163	11.15202	19.63803	-9999
2430.65	2431.35	1828.85	120.0877	60.14421	120.3244	119.7858	13.13016	49.92244	36.9474	29.84543	7.101979	20.41102	-9999
2430.655	2431.355	1828.855	120.863	60.77696	121.1977	121.8506	11.50476	54.01486	34.48038	31.55468	2.925707	19.7308	-9999
2430.66	2431.36	1828.86	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2431.065	2431.781	1829.281	111.5919	36.89245	112.0408	113.3548	24.92873	32.33672	42.73454	19.03101	23.70353	22.23132	-9999
2431.07	2431.787	1829.287	112.0898	28.73335	112.0735	111.6899	30.05043	26.87652	43.07304	24.94858	18.12446	23.17162	-9999
2431.075	2431.793	1829.293	99.53788	28.25379	99.92146	99.49708	38.61502	14.17791	47.20707	26.11118	21.09589	25.00845	-9999
2431.08	2431.799	1829.299	104.7121	28.85324	104.6223	105.2099	37.37815	16.09209	46.52976	18.13498	28.39478	24.57149	-9999
2431.085	2431.805	1829.305	109.772	36.34629	109.6659	110.5228	31.0362	22.79244	46.17136	28.54087	17.63049	23.46922	-9999
2431.09	2431.812	1829.312	119.0594	51.77864	119.239	118.9288	16.54341	45.63855	37.81803	14.78484	23.03319	20.74223	-9999
2431.095	2431.818	1829.318	125.8006	84.2685	126.1107	125.368	1.467036	71.20142	27.33155	27.33155	0	-9999	-9999
2431.1	2431.824	1829.324	122.8136	55.36864	123.1482	123.6705	11.01909	59.58236	29.39855	7.698095	21.70046	18.82521	-9999
2431.105	2431.83	1829.33	119.6878	49.87374	120.2265	119.9082	13.6433	53.77567	32.58103	21.03797	11.54306	19.8552	-9999
2431.11	2431.836	1829.336	123.9806	63.00822	124.2173	125.2293	8.855614	61.6897	29.45468	11.82206	17.63263	18.54675	-9999
2431.115	2431.843	1829.343	122.4382	51.35237	123.0094	122.2178	10.50218	63.18824	26.30957	15.57643	10.73314	18.67954	-9999
2431.12	2431.849	1829.349	120.6753	48.93461	121.2956	120.8059	12.32957	58.27772	29.39271	21.64448	7.748225	19.30721	-9999

2431.125	2431.855	1829.355	122.0709	48.24858	122.479	122.1688	12.85615	58.31122	28.83262	10.3007	18.53192	19.05454	-9999
2431.13	2431.861	1829.361	122.381	62.98158	122.9115	122.4055	8.056716	62.90513	29.03815	20.43075	8.607404	18.96735	-9999
2431.135	2431.867	1829.367	119.8755	90.26294	120.5774	120.6835	2.431439	60.15106	37.4175	37.4175	0	-9999	-9999
2431.14	2431.874	1829.374	119.6634	62.91497	119.8429	121.5486	13.29281	47.9275	38.77969	23.88947	14.89022	20.27812	-9999
2431.145	2431.88	1829.38	115.9582	46.70335	116.1132	116.5376	20.81453	37.71992	41.46555	18.5998	22.86575	21.60969	-9999
2431.15	2431.886	1829.386	123.0911	55.08224	123.1482	123.7358	12.98359	54.39894	32.61748	26.27424	6.343239	19.28731	-9999
2431.155	2431.892	1829.392	124.7641	68.643	125.0661	122.9033	6.26521	66.23928	27.49551	21.96826	5.527243	-9999	-9999
2431.16	2431.898	1829.398	124.6254	87.05925	124.9273	123.7684	1.936118	67.0012	31.06269	31.06269	0	-9999	-9999
2431.165	2431.905	1829.405	125.0905	80.15232	125.2538	126.1515	4.254858	64.80909	30.93605	30.93605	0	-9999	-9999
2431.17	2431.911	1829.411	127.8735	83.87553	128.1265	127.9796	0.097774	77.61276	22.28947	22.28947	0	-9999	-9999
2431.175	2431.917	1829.417	128.7468	94.86534	129.163	128.2	0	86.68227	13.31773	13.31773	0	-9999	-9999
2431.18	2431.923	1829.423	127.8572	78.79358	128.4693	130.0362	0	87.26919	12.73081	12.73081	0	-9999	-9999
2431.185	2431.929	1829.429	128.0612	84.74806	128.5101	131.1951	0	83.94904	16.05096	16.05096	0	-9999	-9999
2431.19	2431.936	1829.436	127.0247	91.10216	127.2859	128.5835	0	74.99606	25.00394	25.00394	0	-9999	-9999
2431.195	2431.942	1829.442	127.3104	95.11844	127.6776	126.7554	0	79.24892	20.75108	20.75108	0	-9999	-9999
2431.2	2431.948	1829.448	125.4415	85.3808	125.8169	125.5312	1.02223	71.58283	27.39494	27.39494	0	-9999	-9999
2431.205	2431.954	1829.454	125.67	73.67166	126.2249	127.4654	2.254129	76.15909	21.58678	21.58678	0	-9999	-9999
2431.21	2431.96	1829.46	128.5917	92.22112	128.6815	130.7626	0	76.41487	23.58513	23.58513	0	-9999	-9999
2431.215	2431.967	1829.467	126.1923	123.632	125.6863	125.3843	0	54.81507	45.18493	45.18493	0	-9999	-9999
2431.22	2431.973	1829.473	124.152	99.24128	124.2826	127.3675	0.751779	62.2584	36.98982	36.98982	0	-9999	-9999
2431.225	2431.979	1829.479	123.9643	74.01801	124.356	125.3109	5.004528	65.93574	29.05973	19.88695	9.172777	-9999	-9999
2431.23	2431.985	1829.485	122.7483	76.96195	123.4338	125.1803	3.133861	68.48006	28.38608	28.38608	0	-9999	-9999
2431.235	2431.991	1829.491	119.7613	90.67589	119.6389	118.9697	8.824786	44.52186	46.65335	41.00758	5.645776	21.62479	-9999
2431.24	2431.998	1829.498	122.2831	82.25037	123.0584	126.3637	1.586293	69.13081	29.2829	29.2829	0	-9999	-9999
2431.245	2432.004	1829.504	123.4175	70.5812	124.3642	126.3147	2.038349	76.45107	21.51058	21.51058	0	-9999	-9999
2431.25	2432.01	1829.51	124.0214	73.96473	124.7151	127.7103	2.624646	73.15437	24.22099	24.22099	0	-9999	-9999
2431.255	2432.016	1829.516	124.707	92.69402	125.7026	129.9056	0	84.45503	15.54497	15.54497	0	-9999	-9999
2431.26	2432.022	1829.522	122.7728	76.28924	123.2624	125.4007	4.792111	64.2314	30.97649	30.97649	0	-9999	-9999
2431.265	2432.029	1829.529	124.8294	90.50938	125.6292	127.849	0	80.00723	19.99277	19.99277	0	-9999	-9999
2431.27	2432.035	1829.535	131.6929	111.9761	132.4274	136.0265	0	100	0	0	0	-9999	-9999
2431.275	2432.041	1829.541	127.4328	113.6612	128.2326	131.4563	0	92.95566	7.044337	7.044337	0	-9999	-9999
2431.28	2432.047	1829.547	126.6738	105.9884	127.5307	131.9786	0	90.50336	9.496636	9.496636	0	-9999	-9999
2431.285	2432.053	1829.553	125.4578	95.27829	126.1841	130.0362	0	81.08691	18.91309	18.91309	0	-9999	-9999
2431.29	2432.06	1829.56	126.4943	96.2041	127.1961	129.7751	0	84.89574	15.10426	15.10426	0	-9999	-9999
2431.295	2432.066	1829.566	125.4251	88.91752	125.8985	128.6243	0	74.19094	25.80906	25.80906	0	-9999	-9999
2431.3	2432.072	1829.572	127.1635	102.8646	127.6205	131.7664	0	81.60816	18.39184	18.39184	0	-9999	-9999
2431.305	2432.078	1829.578	126.8615	100.7266	127.3104	131.0074	0	80.00727	19.99273	19.99273	0	-9999	-9999
2431.31	2432.084	1829.584	124.7886	76.6822	125.417	127.4818	1.76723	74.72826	23.50451	23.50451	0	-9999	-9999
2431.315	2432.091	1829.591	125.3517	87.81854	125.6863	129.1793	0.831135	70.41164	28.75723	28.75723	0	-9999	-9999
2431.32	2432.097	1829.597	125.8006	86.75952	126.2168	128.0449	0.04197	74.04331	25.91472	25.91472	0	-9999	-9999
2431.325	2432.103	1829.603	126.837	96.65035	127.3104	130.1097	0	80.2858	19.7142	19.7142	0	-9999	-9999
2431.33	2432.109	1829.609	130.4851	104.5763	130.9911	133.3986	0	98.22754	1.772459	1.772459	0	-9999	-9999
2431.335	2432.115	1829.615	130.4524	97.02334	131.0645	134.0434	0	100	0	0	0	-9999	-9999
2431.34	2432.122	1829.622	129.3099	97.37634	129.5629	131.5624	0	84.47724	15.52276	15.52276	0	-9999	-9999
2431.345	2432.128	1829.628	128.355	91.33528	128.812	130.4443	0	85.90448	14.09552	14.09552	0	-9999	-9999
2431.35	2432.134	1829.634	127.4736	78.63373	127.8164	128.4611	1.038456	78.12798	20.83357	20.83357	0	-9999	-9999
2431.355	2432.14	1829.64	127.343	85.94028	127.9143	130.428	0	84.34506	15.65494	15.65494	0	-9999	-9999
2431.36	2432.146	1829.646	126.8778	83.92882	127.3593	128.2734	0	79.81239	20.18761	20.18761	0	-9999	-9999
2431.365	2432.153	1829.653	126.4535	76.28924	126.9186	130.5912	1.595621	77.14465	21.25973	21.25973	0	-9999	-9999
2431.37	2432.159	1829.659	123.9153	72.74586	124.4132	125.9311	4.5352	68.12447	27.34033	26.68652	0.653807	-9999	-9999
2431.375	2432.165	1829.665	125.0253	72.34623	125.3843	127.441	4.686019	68.78682	26.52716	19.2259	7.301254	-9999	-9999
2431.38	2432.171	1829.671	124.6335	88.40466	125.417	129.3996	0	78.67059	21.32941	21.32941	0	-9999	-9999
2431.385	2432.177	1829.677	125.9638	82.74991	126.6656	130.3137	0	81.726	18.274	18.274	0	-9999	-9999
2431.39	2432.184	1829.684	130.3137	98.46866	130.7952	132.7702	0	96.19083	3.809174	3.809174	0	-9999	-9999
2431.395	2432.19	1829.69	128.8202	91.18209	129.1956	130.2811	0	85.56054	14.43946	14.43946	0	-9999	-9999
2431.4	2432.196	1829.696	128.6815	90.36951	129.4813	129.065	0	97.39309	2.606907	2.606907	0	-9999	-9999
2431.405	2432.202	1829.702	128.6896	107.5669	129.7832	131.7909	0	100	0	0	0	-9999	-9999
2431.41	2432.208	1829.708	128.9916	82.24371	129.7424	131.1135	0	96.91862	3.081378	3.081378	0	-9999	-9999
2431.415	2432.215	1829.715	129.2119	81.3179	129.9791	131.342	0	98.45457	1.545431	1.545431	0	-9999	-9999
2431.42	2432.221	1829.721	126.0209	80.61855	126.5922	127.09	0.123627	78.44979	21.42658	21.42658	0	-9999	-9999
2431.425	2432.227	1829.727	126.1678	80.3921	127.0166	127.9959	0	86.27883	13.72117	13.72117	0	-9999	-9999
2431.43	2432.233	1829.733	126.7636	77.84779	127.7103	129.2446	0	91.45364	8.54636	8.54636	0	-9999	-9999
2431.435	2432.239	1829.739	125.2782	84.62151	126.0372	127.09	0	80.44571	19.55429	19.55429	0	-9999	-9999
2431.44	2432.246	1829.746	126.837	76.80875	127.6287	129.163	0	87.50899	12.49101	12.49101	0	-9999	-9999
2431.445	2432.252	1829.752	129.318	100.7266	129.7261	131.6929	0	89.39005	10.60995	10.60995	0	-9999	-9999
2431.45	2432.258	1829.758	126.9023	85.22095	127.6776	130.4198	0	87.92829	12.07171	12.07171	0	-9999	-9999
2431.455	2432.264	1829.764	124.8457	74.76398	125.2293	124.3152	4.076356	68.89591	27.02774	27.02774	0	-9999	-9999
2431.46	2432.27	1829.77	125.5639	82.8698	126.2984	127.0329	0	80.89599	19.10401	19.10401	0	-9999	-9999
2431.465	2432.277	1829.777	126.078	74.19118	126.6656	128.1265	1.499994	78.6693	19.83071	19.83071	0	-9999	-9999
2431.47	2432.283	1829.783	125.1313	66.63153	125.67	127.8164	4.579887	73.17823	22.24188	22.24188	0	-9999	-9999
2431.475	2432.289	1829.789	126.3882	71.84003	126.7799	129.8812	3.301638	74.67113	22.02723	22.02723	0	-9999	-9999
2431.48	2432.295	1829.795	124.3234	70.40136	124.7804	127.09	5.043398	68.4735	26.4831	26.4831	0	-9999	-9999
2431.485	2432.301	1829.801	126.3392	75.94955	126.682	125.8822	2.731678	73.49024	23.77808	23.77808	0	-9999	-9999

2431.49	2432.308	1829.808	126.0209	77.79451	126.3474	127.5797	2.704521	71.99381	25.30167	25.30167	0	-9999	-9999
2431.495	2432.314	1829.814	125.7271	70.84762	126.1515	127.5471	3.896977	72.89547	23.20755	23.20755	0	-9999	-9999
2431.5	2432.32	1829.82	125.8903	74.7773	126.1678	127.596	3.934311	70.06795	25.99774	25.99774	0	-9999	-9999
2431.505	2432.326	1829.826	127.0574	80.05241	127.4654	128.7468	0.572064	78.31234	21.1156	21.1156	0	-9999	-9999
2431.51	2432.332	1829.832	126.0617	77.10848	126.4535	128.4529	2.327005	73.76682	23.90617	23.90617	0	-9999	-9999
2431.515	2432.339	1829.839	126.3555	78.00764	126.6656	125.7924	2.471601	72.84722	24.68118	24.68118	0	-9999	-9999
2431.52	2432.345	1829.845	129.0569	85.64722	129.4649	129.9628	0	87.19696	12.80304	12.80304	0	-9999	-9999
2431.525	2432.351	1829.851	126.7799	82.47683	127.1635	127.5879	0.430384	76.71217	22.85745	22.85745	0	-9999	-9999
2431.53	2432.357	1829.857	127.4573	88.76433	127.9796	129.1956	0	83.67853	16.32147	16.32147	0	-9999	-9999
2431.535	2432.363	1829.863	128.1347	103.817	128.9997	131.2114	0	97.51586	2.484138	2.484138	0	-9999	-9999
2431.54	2432.37	1829.87	126.935	107.8799	127.5879	127.3185	0	86.28214	13.71786	13.71786	0	-9999	-9999
2431.545	2432.376	1829.876	127.1227	106.741	127.6613	129.0569	0	83.91345	16.08655	16.08655	0	-9999	-9999
2431.55	2432.382	1829.882	125.0253	122.8261	125.6863	127.2288	0	79.56878	20.43122	20.43122	0	-9999	-9999
2431.555	2432.388	1829.888	120.5284	113.3149	120.9365	120.6672	0	58.02303	41.97697	41.97697	0	-9999	-9999
2431.56	2432.394	1829.894	123.4257	93.08699	123.6052	126.2005	2.52986	60.66061	36.80953	36.80953	0	-9999	-9999
2431.565	2432.401	1829.901	124.8049	93.81298	125.1885	125.2619	0	70.03527	29.96473	29.96473	0	-9999	-9999
2431.57	2432.407	1829.907	124.9355	98.58189	125.1803	124.1194	0	67.4866	32.5134	32.5134	0	-9999	-9999
2431.575	2432.413	1829.913	123.3604	87.4722	123.4991	123.1563	4.264952	59.1773	36.55774	36.55774	0	-9999	-9999
2431.58	2432.419	1829.919	125.4986	83.57581	125.8495	124.911	1.596228	71.06438	27.33939	27.33939	0	-9999	-9999
2431.585	2432.425	1829.925	124.4948	87.92511	124.405	122.1525	4.882672	57.47945	37.63788	32.467	5.170882	-9999	-9999
2431.59	2432.432	1829.932	126.0209	98.54193	126.5351	125.1885	0	78.19084	21.80916	21.80916	0	-9999	-9999
2431.595	2432.438	1829.938	122.6177	72.63929	122.9442	122.3729	7.083039	59.95079	32.96617	32.96617	0	-9999	-9999
2431.6	2432.444	1829.944	123.442	77.88109	123.4665	123.8827	7.396404	56.25711	36.34649	33.94859	2.397897	-9999	-9999
2431.605	2432.45	1829.95	122.5034	82.53677	122.985	124.3071	3.59123	63.58036	32.82841	32.82841	0	-9999	-9999
2431.61	2432.456	1829.956	124.8375	78.71365	125.3191	128.4448	2.369055	71.49342	26.13753	26.13753	0	-9999	-9999
2431.615	2432.463	1829.963	126.1515	92.1412	126.5024	129.6853	0	74.07897	25.92103	25.92103	0	-9999	-9999
2431.62	2432.469	1829.969	125.5884	80.139	125.8332	124.1357	3.167585	68.5258	28.30662	28.30662	0	-9999	-9999
2431.625	2432.475	1829.975	123.5073	73.29202	123.8092	123.238	6.296423	62.31359	31.38999	28.80825	2.581744	-9999	-9999
2431.63	2432.481	1829.981	121.9893	70.14827	122.2994	122.381	8.390503	57.49325	34.11625	19.6749	14.44135	19.59269	-9999
2431.635	2432.487	1829.987	125.1395	84.83464	125.67	126.5514	0.230474	74.23754	25.53199	25.53199	0	-9999	-9999
2431.64	2432.494	1829.994	127.3267	71.95326	127.8898	128.7957	1.082551	83.10608	15.81137	15.81137	0	-9999	-9999
2431.645	2432.5	1830	126.2494	82.32364	126.886	128.5509	0	81.19887	18.80113	18.80113	0	-9999	-9999
2431.65	2432.506	1830.006	124.8294	65.77898	125.2374	126.2331	6.075995	68.81954	25.10447	20.6108	4.493666	-9999	-9999
2431.655	2432.512	1830.012	121.8832	68.9294	122.0056	122.6503	10.23781	53.22895	36.53325	28.221	8.312247	19.85402	-9999
2431.66	2432.518	1830.018	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2432.045	2432.996	1830.496	120.9936	65.36603	121.2385	119.0676	10.96981	52.93144	36.09875	33.4665	2.632256	20.42408	-9999
2432.05	2433.002	1830.502	124.8131	75.78304	124.6662	125.7679	7.970974	56.2773	35.75173	21.4964	14.25532	-9999	-9999
2432.055	2433.008	1830.508	127.5063	76.63558	127.5634	126.9676	3.705695	70.34938	25.94493	25.94493	0	-9999	-9999
2432.06	2433.014	1830.514	128.3958	87.30568	128.5346	129.2772	0	76.70871	23.29129	23.29129	0	-9999	-9999
2432.065	2433.021	1830.521	127.9388	90.60263	128.3632	121.5323	0	83.12887	16.87113	16.87113	0	-9999	-9999
2432.07	2433.027	1830.527	129.7832	87.03926	130.5667	127.5797	0	100	0	0	0	-9999	-9999
2432.075	2433.033	1830.533	129.7914	84.71475	130.3871	130.583	0	96.29427	3.705735	3.705735	0	-9999	-9999
2432.08	2433.039	1830.539	130.2076	71.4404	130.8768	131.9459	0	99.80986	0.190142	0.190142	0	-9999	-9999
2432.085	2433.045	1830.545	130.0036	70.72773	130.7626	132.8273	0	100	0	0	0	-9999	-9999
2432.09	2433.052	1830.552	130.9339	78.89349	131.3338	130.8115	0	95.2731	4.726901	4.726901	0	-9999	-9999
2432.095	2433.058	1830.558	128.5509	82.37692	128.9426	125.4007	0	84.26955	15.73045	15.73045	0	-9999	-9999
2432.1	2433.064	1830.564	127.2777	78.07425	127.7348	126.7473	0.468561	80.40841	19.12303	19.12303	0	-9999	-9999
2432.105	2433.07	1830.57	128.0612	90.3029	128.2571	128.812	0	77.19966	22.80034	22.80034	0	-9999	-9999
2432.11	2433.076	1830.576	128.5427	88.06498	128.8447	129.6771	0	82.02537	17.97463	17.97463	0	-9999	-9999
2432.115	2433.083	1830.583	128.8447	91.78819	128.4121	129.9628	2.602353	62.45777	34.93988	34.93988	0	-9999	-9999
2432.12	2433.089	1830.589	127.2696	83.04963	127.3022	130.4932	2.560982	69.26792	28.1711	28.1711	0	-9999	-9999
2432.125	2433.095	1830.595	127.6123	78.10755	127.7184	127.4818	2.872376	72.17011	24.95751	24.95751	0	-9999	-9999
2432.13	2433.101	1830.601	127.5797	86.08681	127.4328	126.0454	2.93215	65.74988	31.31797	31.31797	0	-9999	-9999
2432.135	2433.107	1830.607	129.5221	93.37339	129.3262	129.6608	0	71.72365	28.27635	28.27635	0	-9999	-9999
2432.14	2433.114	1830.614	131.5052	114.7802	131.2441	130.8605	0	78.69741	21.30259	21.30259	0	-9999	-9999
2432.145	2433.12	1830.62	129.9138	94.14601	130.1342	129.8812	0	85.88859	14.11141	14.11141	0	-9999	-9999
2432.15	2433.126	1830.626	126.4127	92.6474	127.1064	129.0161	0	84.08817	15.91183	15.91183	0	-9999	-9999
2432.155	2433.132	1830.632	127.5634	68.01025	128.0122	127.6123	2.704508	80.69936	16.59613	16.16439	0.431743	-9999	-9999
2432.16	2433.138	1830.638	126.1678	84.09533	126.5024	129.5139	0.981323	73.17927	25.83941	25.83941	0	-9999	-9999
2432.165	2433.145	1830.645	125.8822	85.3475	126.0454	126.4371	2.26932	67.88102	29.84966	29.84966	0	-9999	-9999
2432.17	2433.151	1830.651	126.0128	105.3822	126.886	129.2609	0	87.91876	12.08124	12.08124	0	-9999	-9999
2432.175	2433.157	1830.657	126.682	98.06903	127.596	129.6282	0	91.55048	8.449519	8.449519	0	-9999	-9999
2432.18	2433.163	1830.663	126.7962	107.5669	128.0612	130.4035	0	100	0	0	0	-9999	-9999
2432.185	2433.169	1830.669	126.5432	106.6078	126.9431	129.0079	0	77.83746	22.16254	22.16254	0	-9999	-9999
2432.19	2433.176	1830.676	125.3272	99.90067	125.164	126.5106	1.787984	59.05443	39.15759	39.15759	0	-9999	-9999
2432.195	2433.182	1830.682	125.3191	99.48772	125.2048	125.2782	1.515931	60.17677	38.3073	38.3073	0	-9999	-9999
2432.2	2433.188	1830.688	123.5399	93.14027	123.1482	121.0344	6.839291	48.46099	44.69972	44.69972	0	-9999	-9999
2432.205	2433.194	1830.694	122.7809	94.76543	122.7156	120.1204	4.614307	53.57016	41.81554	35.67453	6.141006	-9999	-9999
2432.21	2433.2	1830.7	121.3772	83.50921	121.1079	120.7488	10.21097	45.057	44.73204	37.27184	7.4602	21.17991	-9999
2432.215	2433.207	1830.707	120.9691	68.26335	121.2874	120.8467	9.72194	54.50575	35.77231	22.86097	12.91135	20.03598	-9999
2432.22	2433.213	1830.713	118.7738	87.7586	118.5861	118.2515	10.94527	40.96121	48.09353	43.25062	4.842903	21.84572	-9999
2432.225	2433.219	1830.719	119.1329	89.26387	119.1002	119.6144	9.048893	44.57693	46.37417	46.37417	0	21.4135	-9999
2432.23	2433.225	1830.725	118.5942	88.19819	118.4229	115.7052	10.87757	40.88546	48.23697	33.46299	14.77398	22.31585	-9999

2432.235	2433.231	1830.731	117.4109	90.556	117.1987	116.0398	11.71193	37.92054	50.36753	30.7418	19.62573	22.39487	-9999
2432.24	2433.238	1830.738	117.166	86.65962	116.9049	116.0316	13.25959	36.3955	50.34491	25.01565	25.32925	22.39851	-9999
2432.245	2433.244	1830.744	116.0398	84.51494	115.6562	114.7503	15.76349	32.3102	51.92631	35.07286	16.85345	22.76036	-9999
2432.25	2433.25	1830.75	115.5256	90.43611	114.685	111.241	18.34554	25.26894	56.38552	33.37844	23.00708	23.91909	-9999
2432.255	2433.256	1830.756	113.975	91.48847	113.1099	109.2252	19.70719	22.99201	57.3008	38.66702	18.63378	24.23482	-9999
2432.26	2433.262	1830.762	113.9097	74.49756	113.3384	111.9184	21.60209	25.63499	52.76292	26.35554	26.40737	23.41936	-9999
2432.265	2433.269	1830.769	113.9505	68.97602	113.5017	112.302	21.95202	26.95371	51.09426	35.5918	15.50247	23.21959	-9999
2432.27	2433.275	1830.775	113.7465	67.52403	113.926	113.975	17.62092	35.0034	47.37568	36.98882	10.38686	22.26922	-9999
2432.275	2433.281	1830.781	113.9587	76.74215	114.3096	112.2204	13.86669	38.41322	47.72009	39.04639	8.673701	22.52449	-9999
2432.28	2433.287	1830.787	113.1834	80.79839	113.6567	113.8363	12.64963	38.76488	48.58549	41.31219	7.273294	22.21865	-9999
2432.285	2433.293	1830.793	112.9467	88.46461	113.1099	111.7715	13.41562	34.69554	51.88884	27.35162	24.53723	22.90036	-9999
2432.29	2433.3	1830.8	112.9222	90.08977	112.9875	113.4037	13.80384	33.48003	52.71612	39.30399	13.41213	22.67975	-9999
2432.295	2433.306	1830.806	112.4734	88.31142	112.3265	113.0202	16.29164	29.88295	53.82542	43.73277	10.09265	22.85799	-9999
2432.3	2433.312	1830.812	113.0854	85.72049	112.963	112.9467	16.16577	31.01882	52.81541	41.42502	11.3904	22.84928	-9999
2432.305	2433.318	1830.818	112.6039	120.2818	112.4734	104.0429	8.308182	32.45742	59.2344	51.23566	7.998745	24.99324	-9999
2432.31	2433.324	1830.824	111.2165	115.4929	111.1431	108.1724	10.30076	30.64529	59.05395	41.16352	17.89043	24.00343	-9999
2432.315	2433.331	1830.831	107.6746	103.8437	108.4009	106.736	10.18004	32.98096	56.839	44.89159	11.94741	23.67925	-9999
2432.32	2433.337	1830.837	105.267	125.2771	106.026	105.2425	6.955095	30.87519	62.16972	53.68095	8.488761	-9999	-9999
2432.325	2433.343	1830.843	100.0765	120.4549	100.1663	104.8671	18.08377	18.92179	62.99444	38.09434	24.9001	23.0862	-9999
2432.33	2433.349	1830.849	98.65647	120.1352	99.5542	103.6021	13.20591	22.88761	63.90648	55.85964	8.046846	23.33401	9
2432.335	2433.355	1830.855	94.59221	93.39337	95.18797	95.28591	25.75679	15.26425	58.97896	29.73605	29.24292	23.98553	9
2432.34	2433.362	1830.862	91.68682	97.64276	92.48662	93.7516	25.82016	14.20765	59.9722	39.04048	20.93172	23.75162	9
2432.345	2433.368	1830.868	91.91534	78.19414	92.35604	91.31957	33.09945	11.39006	55.51048	28.71369	26.7968	24.51311	9
2432.35	2433.374	1830.874	92.95997	70.58786	94.13518	94.37185	28.28669	15.2975	56.41581	24.54288	31.87294	24.12357	9
2432.355	2433.38	1830.88	89.26295	73.00562	90.03827	89.74446	34.20205	10.66077	55.13718	24.64835	30.48883	24.44342	9
2432.36	2433.386	1830.886	87.86739	85.0278	88.202	87.45933	35.99206	8.863866	55.14408	36.22521	18.91886	24.46381	9
2432.365	2433.393	1830.893	88.85489	62.84837	88.87122	90.16068	42.91769	6.676948	50.40536	22.27176	28.1336	24.90986	9
2432.37	2433.399	1830.899	86.89621	54.03654	85.94135	86.64321	54.37879	1.752137	43.86907	26.95298	16.91609	26.59857	9
2432.375	2433.405	1830.905	89.41802	54.82248	89.19766	89.47514	46.17611	5.488161	48.33573	32.43037	15.90536	25.57943	9
2432.38	2433.411	1830.911	90.42184	70.92088	90.14436	89.62205	41.79952	6.840503	51.35997	32.97756	18.38241	25.10638	9
2432.385	2433.417	1830.917	92.45398	65.77232	92.38869	91.20531	39.53143	8.550885	51.91768	22.14557	29.77211	25.11641	9
2432.39	2433.424	1830.924	96.36318	79.50625	97.35068	97.35068	24.45221	18.21192	57.33587	30.77479	26.56108	23.9727	9
2432.395	2433.43	1830.93	94.51059	74.54419	95.44913	97.15482	27.73691	15.76682	56.49628	30.73617	25.76011	23.79397	9
2432.4	2433.436	1830.936	89.87504	86.30661	89.63837	88.22648	38.26299	7.773316	53.9637	24.8096	29.1541	24.7866	9
2432.405	2433.442	1830.942	89.2956	67.84374	88.43051	87.11656	48.13428	3.804398	48.06133	27.49788	20.56345	25.98475	9
2432.41	2433.448	1830.948	91.95614	76.20931	92.37236	94.33921	33.73199	11.17094	55.09708	21.37775	33.71933	24.00665	9
2432.415	2433.455	1830.955	95.61235	85.62058	96.11835	95.43281	27.39501	15.12233	57.48267	39.01724	18.46542	24.18813	9
2432.42	2433.461	1830.961	94.65749	120.6681	96.02857	93.40067	13.08757	21.40824	65.50419	41.68926	23.81493	24.71359	9
2432.425	2433.467	1830.967	94.98394	102.3118	96.38767	98.1668	16.97647	20.70458	62.31894	36.76834	25.5506	23.72437	9
2432.43	2433.473	1830.973	94.90233	85.70051	95.05739	93.98828	30.7486	12.6392	56.6122	35.82706	20.78514	24.39799	9
2432.435	2433.479	1830.979	96.87734	61.14328	96.96711	95.74293	35.38044	12.14053	52.47903	20.78525	31.69379	24.83436	9
2432.44	2433.486	1830.986	94.49427	89.33047	95.88167	98.69728	20.69494	19.21059	60.09447	39.5377	20.55677	23.48327	9
2432.445	2433.492	1830.992	94.95946	84.72141	95.95512	98.0199	24.41832	17.19647	58.38522	42.32717	16.05805	23.61873	9
2432.45	2433.498	1830.998	94.04541	78.46722	93.87402	94.9921	35.81739	9.877411	54.3052	22.18141	32.12378	24.3354	9
2432.455	2433.504	1831.004	95.41648	77.58137	94.73911	93.27009	38.69182	8.026867	53.28131	34.9405	18.34081	25.1306	9
2432.46	2433.51	1831.01	92.1765	88.18487	91.36854	89.52411	40.11855	6.549226	53.33222	32.56821	20.76401	25.11566	9
2432.465	2433.517	1831.017	95.80006	57.75976	95.82454	97.0732	37.69634	10.71087	51.59279	33.7976	17.7952	24.59675	9
2432.47	2433.523	1831.023	96.86917	62.76178	97.20378	97.4323	33.09879	13.68465	53.21656	19.18763	34.02893	24.36561	9
2432.475	2433.529	1831.029	98.4198	57.59991	98.93395	100.2642	31.52991	15.89725	52.57284	27.79612	24.77672	24.01645	9
2432.48	2433.535	1831.035	102.0842	66.97121	102.3943	102.3943	27.47206	18.97855	53.54939	27.03831	26.51107	23.92063	9
2432.485	2433.541	1831.041	101.2599	81.73752	101.1783	99.31753	27.69291	16.21009	56.097	22.73635	33.36065	24.40656	9
2432.49	2433.548	1831.048	104.9896	77.86111	104.5978	104.1979	27.60318	17.10116	55.29566	26.69127	28.60439	24.10756	10
2432.495	2433.554	1831.054	106.5483	71.99988	106.4912	105.8383	24.9943	21.4413	53.5644	21.05487	32.50952	23.78598	10
2432.5	2433.56	1831.06	107.2257	80.7118	107.593	106.7279	18.97388	27.05755	53.96858	24.93379	29.03479	23.45043	10
2432.505	2433.566	1831.066	110.2372	64.00063	110.278	110.0576	22.77739	26.99285	50.22977	23.95679	26.27298	23.13433	10
2432.51	2433.572	1831.072	110.4657	66.21858	110.7513	112.0082	20.13294	30.33273	49.53434	23.41341	26.12093	22.58747	10
2432.515	2433.579	1831.079	113.2976	74.85723	113.5751	111.5593	15.50026	35.95716	48.54258	27.62363	20.91895	22.70029	10
2432.52	2433.585	1831.085	112.8977	81.4711	112.7916	112.6529	17.24032	30.63224	52.12745	40.98231	11.14514	22.85263	10
2432.525	2433.591	1831.091	113.0446	72.41949	113.2976	111.9674	16.51269	34.97911	48.5082	20.48751	28.02069	22.62851	10
2432.53	2433.597	1831.097	111.4206	58.55235	111.6899	115.3053	21.23619	31.27162	47.49219	24.37366	23.11853	21.97627	10
2432.535	2433.603	1831.103	109.2007	40.46913	109.0946	108.4417	30.56405	22.2727	47.16325	23.83787	23.32538	23.77665	10
2432.54	2433.61	1831.11	106.9074	46.25043	106.6381	105.4629	32.53978	18.12337	49.33685	16.3374	32.99945	24.3638	10
2432.545	2433.616	1831.116	105.2262	42.55386	105.5935	105.6098	30.04763	21.66485	48.28752	32.97257	15.31495	23.77214	10
2432.55	2433.622	1831.122	95.06555	78.39395	95.17165	96.41215	32.74612	12.00539	55.2485	20.85929	34.38921	24.11261	10
2432.555	2433.628	1831.128	108.0173	65.84559	108.5886	109.1762	20.26197	29.37412	50.36392	34.18825	16.17567	22.89827	10
2432.56	2433.634	1831.134	111.3389	50.31333	111.3389	112.2448	25.39234	27.31553	47.29213	24.81834	22.47379	22.83081	10
2432.565	2433.641	1831.141	111.7144	62.2023	111.7633	110.2535	21.79033	29.32276	48.8869	26.10071	22.7862	23.10069	10
2432.57	2433.647	1831.147	102.6391	79.08664	102.5004	100.7784	27.50827	16.92411	55.56762	34.13422	21.4334	24.34699	10
2432.575	2433.653	1831.153	101.8557	45.37125	101.9862	101.3333	34.30097	15.90853	49.7905	23.37679	26.41371	24.5508	10
2432.58	2433.659	1831.159	98.99108	69.22246	99.20327	98.73809	30.53189	15.26987	54.19824	37.01889	17.17935	24.2969	10
2432.585	2433.665	1831.165	102.4922	54.74922	102.329	101.0314	33.72282	14.95051	51.32667	30.09432	21.23235	24.67744	10
2432.59	2433.672	1831.172	102.9656	74.4909	103.5613	103.4308	22.62768	22.80656	54.56576	37.83783	16.72793	23.65989	10
2432.595	2433.678	1831.178	107.4134	59.09851	107.748	108.3193	24.2846	25.54999	50.16542	32.06419	18.10123	23.19257	10

2432.6	2433.684	1831.184	107.1849	68.84281	108.1234	109.013	17.45627	31.95504	50.58869	30.83665	19.75204	22.76231	10
2432.605	2433.69	1831.19	108.8008	51.52554	108.76	106.8095	27.75031	23.16188	49.08781	25.2548	23.83301	23.86297	10
2432.61	2433.696	1831.196	106.8177	50.47984	106.9727	107.2339	28.3099	22.35955	49.33055	28.51957	20.81098	23.58064	10
2432.615	2433.703	1831.203	100.2887	71.54697	100.8518	101.9128	26.05583	19.14626	54.79791	38.25295	16.54496	23.70537	10
2432.62	2433.709	1831.209	104.1816	61.22987	104.1326	103.7327	29.7148	18.0393	52.2459	25.53159	26.7143	24.10814	10
2432.625	2433.715	1831.215	110.6616	65.63911	110.2535	109.2987	25.46915	22.59785	51.933	29.54449	22.38852	23.67445	10
2432.63	2433.721	1831.221	115.1176	61.78269	114.6524	115.1665	22.74562	28.05729	49.19709	30.151	19.04609	22.70893	10
2432.635	2433.727	1831.227	117.5823	55.21545	117.468	118.4555	19.34768	37.47158	43.18075	25.7556	17.42515	21.47163	10
2432.64	2433.734	1831.234	119.647	73.74493	119.8511	118.8799	10.49723	49.06609	40.43668	36.50739	3.929292	20.89073	10
2432.645	2433.74	1831.24	122.6912	116.2788	122.5851	123.3685	0	53.91446	46.08554	46.08554	0	-9999	10
2432.65	2433.746	1831.246	123.189	100.1471	123.1319	122.634	2.873278	55.24739	41.87933	41.87933	0	-9999	10
2432.655	2433.752	1831.252	123.0829	104.0302	122.7075	120.9691	4.497901	48.40843	47.09366	47.09366	0	-9999	10
2432.66	2433.758	1831.258	116.5131	120.0553	115.6399	111.3389	10.52219	28.15667	61.32114	51.30686	10.01428	24.32517	10
2432.665	2433.765	1831.265	115.9337	140.6762	113.6567	111.5593	16.94388	9.138799	73.91732	48.95047	24.96685	25.59237	10
2432.67	2433.771	1831.271	119.3532	135.0481	118.9125	115.7868	0.928851	40.95329	58.11786	58.11786	0	-9999	10
2432.675	2433.777	1831.277	113.5425	119.8821	112.9549	115.0604	11.08339	27.96536	60.95125	49.01386	11.93739	23.19972	10
2432.68	2433.783	1831.283	106.6952	95.46478	106.3688	103.9531	21.26787	20.66673	58.0654	39.76641	18.29899	24.20833	10
2432.685	2433.789	1831.289	104.9161	74.78397	105.3894	104.9324	21.71102	24.3719	53.91708	31.31865	22.59844	23.57525	10
2432.69	2433.796	1831.296	104.6468	71.70682	105.4955	106.5483	19.794	27.13344	53.07256	35.41239	17.66017	23.14531	10
2432.695	2433.802	1831.302	101.6108	114.7669	101.7822	101.7985	17.41623	20.64268	61.9411	49.83195	12.10914	23.89849	10
2432.7	2433.808	1831.308	98.70544	186.1407	99.35017	101.0477	0	25.71986	74.28014	74.28014	0	-9999	10
2432.705	2433.814	1831.314	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2433.085	2434.285	1831.785	83.5338	65.56585	83.8929	82.57078	44.499	5.457497	50.0435	24.44174	25.60176	25.31502	10
2433.09	2434.292	1831.792	86.28412	78.37397	86.79828	86.24332	37.66741	8.197311	54.13528	32.59037	21.54491	24.55272	10
2433.095	2434.298	1831.798	87.11656	75.07037	87.10024	87.12472	41.81223	6.516511	51.67126	25.82979	25.84147	24.82174	10
2433.1	2434.304	1831.804	88.03062	86.4931	88.07958	88.67535	37.70101	7.974087	54.32491	23.17128	31.15363	24.29721	10
2433.105	2434.31	1831.81	88.74064	76.24927	89.08341	88.37338	37.24982	8.799999	53.95018	19.67213	34.27804	24.64422	10
2433.11	2434.316	1831.816	89.71998	73.86482	89.94033	89.5894	37.87461	8.718029	53.40737	29.36805	24.03932	24.67092	10
2433.115	2434.323	1831.823	91.01761	66.20526	91.20531	90.69116	38.7874	8.844067	52.36853	32.35375	20.01478	24.87531	10
2433.12	2434.329	1831.829	91.55625	67.99027	91.80108	92.72329	37.41713	9.560288	53.02258	23.01776	30.00482	24.49486	10
2433.125	2434.335	1831.835	92.4703	68.49646	92.60904	94.2984	37.27595	9.700244	53.02381	26.03564	26.98817	24.35761	10
2433.13	2434.341	1831.841	93.93115	71.42042	94.24127	94.75543	33.89613	11.76018	54.34369	30.91261	23.43108	24.32842	10
2433.135	2434.347	1831.847	96.11835	74.65076	96.11835	96.72227	33.50564	11.95118	54.54318	24.7037	29.83948	24.30331	10
2433.14	2434.354	1831.854	96.80389	73.82486	96.97527	98.43612	31.74658	13.41478	54.83864	29.15898	25.67965	24.02556	10
2433.145	2434.36	1831.86	96.31421	67.01784	96.58353	97.20378	33.08538	13.1189	53.79572	23.8552	29.94052	24.28098	10
2433.15	2434.366	1831.866	95.72661	61.0234	95.88983	96.19996	35.89887	11.64375	52.45737	30.54187	21.91551	24.57921	10
2433.155	2434.372	1831.872	97.34252	60.65041	97.55471	98.19129	34.123	13.21979	52.65721	25.2645	27.39271	24.36988	10
2433.16	2434.378	1831.878	96.42847	79.0267	96.68147	98.33819	30.20062	13.93035	55.86903	25.50212	30.36692	23.88532	10
2433.165	2434.385	1831.885	96.54273	76.36916	96.86101	97.0324	30.23264	14.22558	55.54178	39.16544	16.37634	24.16378	10
2433.17	2434.391	1831.891	97.52207	83.68904	97.50575	96.82021	30.15345	13.54731	56.29925	25.3897	30.90954	24.32294	10
2433.175	2434.397	1831.897	98.04439	90.95563	98.24025	99.75007	26.26992	15.7752	57.95488	27.60633	30.34855	23.72885	10
2433.18	2434.403	1831.903	97.73426	91.26201	98.24025	101.0151	24.07763	17.44428	58.47809	27.80773	30.67037	23.42516	10
2433.185	2434.409	1831.909	98.9666	78.88017	99.48891	100.5499	25.81378	17.94245	56.24377	33.75736	22.48641	23.75251	10
2433.19	2434.416	1831.916	98.99108	74.50422	99.23592	98.91763	29.00071	15.84026	55.15903	21.24837	33.91066	24.17064	10
2433.195	2434.422	1831.922	95.66132	81.91069	95.94696	96.4856	29.95548	13.68193	56.3626	35.04752	21.31508	24.06974	10
2433.2	2434.428	1831.928	95.06555	78.92679	95.19613	96.32238	32.42742	12.17245	55.40013	30.46989	24.93024	24.10412	10
2433.205	2434.434	1831.934	96.42031	83.08959	96.59169	95.12268	29.8574	13.72802	56.41458	29.75598	26.6586	24.43871	10
2433.21	2434.44	1831.94	96.78756	88.68441	97.11401	99.04005	26.96385	15.31524	57.72091	28.2851	29.43582	23.67652	10
2433.215	2434.447	1831.947	97.15482	84.27516	97.50575	98.33819	27.50327	15.4859	57.01083	23.53308	33.47775	23.89976	10
2433.22	2434.453	1831.953	95.75925	78.54714	95.86535	96.60802	32.07084	12.53503	55.39413	39.48817	15.90596	24.16238	10
2433.225	2434.459	1831.959	95.35936	88.97747	95.81638	96.84469	27.19489	14.85997	57.94514	27.42571	30.51943	23.84962	10
2433.23	2434.465	1831.965	95.13084	77.80117	95.52258	95.45729	30.61578	13.55797	55.82625	24.68118	31.14507	24.22218	10
2433.235	2434.471	1831.971	94.42082	89.01077	94.77991	95.45729	28.80928	13.57444	57.61628	23.1475	34.46878	23.96501	10
2433.24	2434.478	1831.978	92.95181	99.42777	93.15584	93.84138	28.84159	12.42211	58.7363	29.76357	28.97273	23.89561	10
2433.245	2434.484	1831.984	92.97629	120.3817	93.44148	94.12702	21.72425	15.12662	63.14913	31.97886	31.17027	23.74976	10
2433.25	2434.49	1831.99	93.82505	108.9456	94.18415	94.78807	24.53315	14.46319	61.00366	27.56897	33.43469	23.80666	10
2433.255	2434.496	1831.996	94.18415	113.2416	94.58404	95.40832	22.8469	15.23872	61.91438	34.18487	27.72951	23.75261	10
2433.26	2434.502	1832.002	93.95563	137.2061	94.46979	95.80822	16.37225	17.26778	66.35997	54.90295	11.45702	23.74319	10
2433.265	2434.509	1832.009	93.93931	121.9136	94.1107	94.27392	22.74451	14.46807	62.78741	45.55978	17.22764	23.83531	10
2433.27	2434.515	1832.015	92.78858	143.7866	93.57206	93.97196	13.76622	18.12613	68.10765	41.56413	26.54352	24.04739	10
2433.275	2434.521	1832.021	90.65852	164.5141	91.55625	91.05841	9.824354	18.37513	71.80052	50.21695	21.58356	24.44177	10
2433.28	2434.527	1832.027	88.16119	150.92	88.37338	89.00996	20.72458	13.00849	66.26693	51.2958	14.97113	23.43679	10
2433.285	2434.533	1832.033	82.12192	137.2127	81.28132	79.95105	37.75702	6.374547	55.86844	27.09967	28.76877	23.60848	9
2433.29	2434.54	1832.04	75.51136	85.3475	74.9156	73.05485	54.49264	1.907586	43.59977	23.05176	20.54802	25.79475	9
2433.295	2434.546	1832.046	74.6626	80.22558	74.05051	73.73222	56.6395	1.359171	42.00133	29.84172	12.15961	25.87898	9
2433.3	2434.552	1832.052	77.5435	68.88943	77.15992	75.53585	54.96145	1.699068	43.33948	21.92997	21.40951	26.28414	9
2433.305	2434.558	1832.058	79.75518	89.11068	79.60011	77.66591	46.26219	4.212521	49.52529	20.94111	28.58419	25.02059	9
2433.31	2434.564	1832.064	79.28999	105.9551	79.14309	78.76767	42.55057	5.226619	52.22281	32.58529	19.63752	24.09144	9
2433.315	2434.571	1832.071	76.31932	141.8751	76.56415	72.0347	33.55499	7.631453	58.81356	32.17984	26.63372	23.69348	9
2433.32	2434.577	1832.077	75.52768	107.9465	75.39711	71.03904	45.40345	4.351841	50.24471	17.67399	32.57071	24.78568	9
2433.325	2434.583	1832.083	74.58915	155.549	73.33233	69.98624	43.47548	5.252518	51.272	28.61003	22.66197	23.37975	9
2433.33	2434.589	1832.089	72.3285	146.0246	71.98573	72.76921	40.7763	5.815232	53.40847	33.40681	20.00166	22.53726	9
2433.335	2434.595	1832.095	72.78553	67.01784	71.55319	70.38614	66.36962	0	33.63038	21.76409	11.86629	26.71025	9

2433.34	2434.602	1832.102	72.86714	83.24279	71.10432	70.27188	66.4793	0	33.5207	15.45252	18.06819	26.64296	9
2433.345	2434.608	1832.108	69.51289	71.49368	68.25607	67.54605	68.48704	0	31.51296	22.24179	9.271171	26.57752	9
2433.35	2434.614	1832.114	67.06454	71.34049	65.6853	64.78757	71.72533	0	28.27467	22.07077	6.2039	26.62128	9
2433.355	2434.62	1832.12	66.39532	44.41214	66.00359	65.92197	71.20453	0	28.79547	4.952525	23.84295	26.03129	9
2433.36	2434.626	1832.126	68.90081	52.52461	68.48459	67.83169	67.12601	0	32.87399	19.81557	13.05842	26.42467	9
2433.365	2434.633	1832.133	69.61899	64.19379	69.86382	68.13365	58.51816	0.6643	40.81754	22.04262	18.77492	26.48156	9
2433.37	2434.639	1832.139	70.71259	66.55826	70.5412	70.54936	60.16555	0.410508	39.42394	23.61579	15.80815	26.44255	9
2433.375	2434.645	1832.145	72.66311	80.35213	72.53253	70.50856	54.71671	1.813264	43.47003	31.74779	11.72224	25.78577	9
2433.38	2434.651	1832.151	77.74753	128.6207	77.16808	74.88295	41.83676	5.354556	52.80869	35.57237	17.23631	23.86861	9
2433.385	2434.657	1832.157	83.23184	168.8367	83.29713	84.74166	22.06223	11.41829	66.51949	39.49838	27.0211	22.78083	10
2433.39	2434.664	1832.164	86.08009	173.4058	86.25964	90.77277	17.45062	13.3449	69.20447	50.44582	18.75866	22.58965	10
2433.395	2434.67	1832.17	86.65138	138.9844	86.93702	87.81842	24.43279	11.67591	63.89131	38.37102	25.52029	23.33462	10
2433.4	2434.676	1832.176	90.37287	145.9313	90.82174	90.83806	18.06288	14.95	66.98712	47.02508	19.96205	23.79874	10
2433.405	2434.682	1832.182	88.55293	146.8105	88.96099	87.10024	19.84071	13.70971	66.44958	50.86612	15.58346	23.99883	10
2433.41	2434.688	1832.188	91.5236	135.461	91.62154	92.95181	22.25773	13.43276	64.30951	35.03046	29.27904	23.49139	10
2433.415	2434.695	1832.195	93.44148	156.9278	93.78425	92.00511	13.40085	17.33345	69.2657	49.7893	19.4764	24.41003	10
2433.42	2434.701	1832.201	93.35987	160.0049	93.86586	94.4453	11.46629	18.29601	70.23771	45.31654	24.92117	24.11611	10
2433.425	2434.707	1832.207	92.79675	176.6628	93.35171	95.35936	7.573654	19.22914	73.1972	68.38986	4.807336	-9999	10
2433.43	2434.713	1832.213	93.04158	163.7415	93.39251	93.25377	12.0566	17.5415	70.4019	47.17685	23.22505	24.17465	10
2433.435	2434.719	1832.219	92.37236	180.4593	92.75594	93.27009	8.37357	18.34785	73.27859	54.87462	18.40397	24.3167	10
2433.44	2434.726	1832.226	93.19664	171.5076	93.93931	95.70213	6.998581	20.13025	72.87117	71.77322	1.097951	-9999	10
2433.445	2434.732	1832.232	90.82174	180.073	91.18899	92.37236	10.02013	17.1933	72.78658	52.4988	20.28778	23.98413	10
2433.45	2434.738	1832.238	88.71615	154.9896	88.82225	91.58889	20.05142	13.17327	66.77531	48.38874	18.38656	23.04902	10
2433.455	2434.744	1832.244	91.19715	151.2131	91.38486	93.66999	18.05032	14.69369	67.25598	37.96527	29.29072	23.35271	10
2433.46	2434.75	1832.25	92.84571	166.4656	92.90284	94.1515	13.85453	16.17027	69.97521	53.05063	16.92457	23.75197	10
2433.465	2434.757	1832.257	92.07856	174.9777	92.38052	93.27009	10.6029	17.39065	72.00645	54.01092	17.99554	24.03714	10
2433.47	2434.763	1832.263	92.87836	163.515	93.38435	94.2984	11.05984	18.16433	70.77584	57.56927	13.20657	24.06903	10
2433.475	2434.769	1832.269	92.58455	174.7979	93.03342	93.48228	9.042424	18.43023	72.52734	61.28591	11.24143	24.29097	10
2433.48	2434.775	1832.275	91.09922	170.7416	91.30325	93.13135	13.28802	16.02283	70.68916	55.40385	15.28531	23.61993	10
2433.485	2434.781	1832.281	90.8299	163.5816	91.36854	91.80108	12.6753	16.84049	70.48421	48.31832	22.16589	23.98603	10
2433.49	2434.788	1832.288	87.41853	192.0219	87.78578	88.92018	10.25945	15.95972	73.78083	53.66541	20.11542	23.76313	10
2433.495	2434.794	1832.294	89.0426	185.1016	89.38537	89.82608	10.62975	16.32481	73.04544	61.02528	12.02017	23.96607	10
2433.5	2434.8	1832.3	90.76461	182.524	91.05025	91.36854	10.11202	16.96544	72.92253	49.40236	23.52018	24.11137	10
2433.505	2434.806	1832.306	89.59756	165.6597	89.65469	92.90284	17.03786	14.17702	68.78513	51.22884	17.55628	23.06345	10
2433.51	2434.812	1832.312	89.13237	181.8247	89.52411	89.59756	10.96068	16.35416	72.68516	53.82389	18.86127	24.03142	10
2433.515	2434.819	1832.319	89.77711	181.465	90.11988	89.49147	10.83406	16.52189	72.64404	54.75675	17.88729	24.19328	10
2433.52	2434.825	1832.325	89.26295	171.4143	89.55676	89.97298	14.11884	15.33385	70.5473	55.41584	15.13146	23.75455	10
2433.525	2434.831	1832.331	91.18899	174.8312	91.36038	93.46596	12.46875	16.2106	71.32065	58.59654	12.7241	23.612	10
2433.53	2434.837	1832.337	91.54808	183.7429	91.68682	92.60088	10.23475	16.89009	72.87516	58.10276	14.7724	23.99576	10
2433.535	2434.843	1832.343	90.2831	209.166	90.50345	89.22215	4.613652	18.18588	77.20046	77.20046	0	-9999	10
2433.54	2434.85	1832.35	90.51978	169.4428	90.83806	89.7363	13.24992	16.06915	70.68093	49.11923	21.5617	24.16159	10
2433.545	2434.856	1832.356	90.02194	168.8967	90.42184	90.45449	13.20761	16.06543	70.72697	51.03709	19.68987	23.95057	10
2433.55	2434.862	1832.362	89.76079	170.8549	90.32391	91.05025	11.70901	16.71593	71.57506	45.25626	26.3188	23.94765	10
2433.555	2434.868	1832.368	90.80542	179.6534	91.30325	90.82174	9.124705	17.72831	73.14698	59.2801	13.86688	24.39585	10
2433.56	2434.874	1832.374	88.88754	169.4362	89.3364	88.47132	13.74121	15.59896	70.65983	46.46067	24.19916	24.037	10
2433.565	2434.881	1832.381	88.14487	179.0539	88.38971	91.40934	13.6782	15.02305	71.29876	48.20716	23.0916	23.20269	10
2433.57	2434.887	1832.387	90.34023	169.4228	90.936	94.38818	11.26947	17.14803	71.5825	47.18755	24.39495	23.51095	10
2433.575	2434.893	1832.393	93.11503	166.8452	93.83322	93.09871	8.391698	19.62552	71.98278	55.55115	16.43163	24.62551	10
2433.58	2434.899	1832.399	94.51875	143.074	95.08188	97.89748	14.05466	18.38147	67.56387	46.44514	21.11873	23.57807	10
2433.585	2434.905	1832.405	93.73528	152.2987	94.33921	94.05357	12.22681	18.57091	69.20228	61.637	7.565281	24.24684	10
2433.59	2434.912	1832.412	94.43714	145.7182	94.76359	95.4981	15.32407	17.2436	67.43233	43.16726	24.26507	23.87667	10
2433.595	2434.918	1832.418	93.28642	174.0452	94.03724	95.5389	6.23863	20.41726	73.34411	59.87838	13.46573	-9999	10
2433.6	2434.924	1832.424	95.8327	151.7992	96.39583	96.64882	10.73431	20.10605	69.15964	63.81948	5.340163	24.2609	10
2433.605	2434.93	1832.43	94.60853	141.3023	95.03291	93.71896	15.47605	17.59728	66.92667	49.04298	17.88369	24.26302	10
2433.61	2434.936	1832.436	92.39685	151.8392	92.98445	94.17598	13.69588	17.40704	68.89708	55.22282	13.67425	23.85605	10
2433.615	2434.943	1832.443	89.48331	167.4846	89.80159	88.25097	14.67736	15.29902	70.02362	44.96205	25.06157	24.11174	10
2433.62	2434.949	1832.449	89.15686	156.8945	89.35273	90.02194	18.48925	13.89881	67.61194	39.77554	27.8364	23.51775	10
2433.625	2434.955	1832.455	86.61873	153.3711	86.58609	86.88805	23.44797	11.51262	65.03941	38.14444	26.89497	23.28721	10
2433.63	2434.961	1832.461	87.01863	158.6728	86.93702	86.22699	22.17653	11.88168	65.94178	39.72453	26.21725	23.47656	10
2433.635	2434.967	1832.467	89.74446	150.1674	89.50779	89.25479	22.92881	12.01918	65.052	35.52565	29.52635	23.57119	10
2433.64	2434.974	1832.474	90.65035	174.0918	90.82174	90.77277	13.14321	15.83095	71.02584	61.6358	9.390038	23.93858	10
2433.645	2434.98	1832.48	84.45602	156.6547	84.05612	83.68887	27.48924	9.657715	62.85305	29.49831	33.35474	23.14169	10
2433.65	2434.986	1832.486	83.1992	153.8573	82.85643	81.09361	28.87974	9.202362	61.9179	43.48577	18.43212	23.35203	10
2433.655	2434.992	1832.492	82.57078	137.3126	82.46469	83.06862	31.62746	8.541686	59.83085	26.15173	33.67912	23.13633	10
2433.66	2434.998	1832.498	82.1056	137.0396	82.16273	81.60777	30.85653	8.809944	60.33352	40.51503	19.81849	23.33295	10
2433.665	2435.005	1832.505	82.36676	143.5535	82.2933	80.37543	30.05188	8.980801	60.96732	35.56889	25.39843	23.4933	10
2433.67	2435.011	1832.511	83.01149	137.992	83.00333	82.61159	30.29862	9.034084	60.6673	29.11395	31.55335	23.33118	10
2433.675	2435.017	1832.517	80.91406	156.3283	80.92223	82.22802	27.66436	9.546042	62.7896	30.5437	32.24591	22.6538	10
2433.68	2435.023	1832.523	79.24102	132.4571	79.36344	78.44939	34.0949	7.650058	58.25505	36.18042	22.07462	23.35487	10
2433.685	2435.029	1832.529	79.30631	137.8521	79.01251	78.62077	35.95495	7.032935	57.01212	28.19584	28.81628	23.19175	10
2433.69	2435.036	1832.536	78.75135	184.5089	79.26551	78.69422	18.91292	11.93839	69.1487	35.92153	33.22717	22.92702	10
2433.695	2435.042	1832.542	77.64143	125.9698	77.52717	76.65393	38.97068	6.169212	54.86011	27.47838	27.38173	23.51045	10
2433.7	2435.048	1832.548	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999

2434.025	2435.445	1832.945	107.2176	62.86835	107.1604	107.9357	26.58845	21.66135	51.7502	19.39795	32.35225	23.48947	10
2434.03	2435.45	1832.95	110.9635	74.29109	111.0533	110.9962	19.23936	29.40088	51.35976	40.40126	10.9585	22.92471	10
2434.035	2435.455	1832.955	112.3346	113.1883	113.9913	114.4239	0	54.99047	45.00953	45.00953	0	-9999	10
2434.04	2435.46	1832.96	117.6312	151.2863	119.949	122.7809	0	86.3551	13.6449	13.6449	0	-9999	10
2434.045	2435.465	1832.965	116.6192	143.3071	118.1454	120.1122	0	68.0361	31.9639	31.9639	0	-9999	10
2434.05	2435.47	1832.97	115.1747	109.5517	116.2846	118.9697	0	54.66574	45.33426	45.33426	0	-9999	10
2434.055	2435.475	1832.975	116.505	113.0152	116.5703	117.4354	4.959756	41.97227	53.06797	52.87426	0.193708	-9999	10
2434.06	2435.48	1832.98	117.6802	131.6246	117.3293	118.1127	2.600794	38.97658	58.42262	58.42262	0	-9999	10
2434.065	2435.485	1832.985	117.9169	118.4235	118.3004	119.3532	0	50.80542	49.19458	49.19458	0	-9999	10
2434.07	2435.49	1832.99	115.697	86.4598	116.2357	119.2308	8.461024	45.6794	45.85957	34.33971	11.51986	21.14106	10
2434.075	2435.495	1832.995	117.8108	95.90437	118.0556	119.6144	6.507761	46.67735	46.81489	46.81489	0	-9999	10
2434.08	2435.5	1833	121.5976	108.4261	121.7037	121.6628	1.068896	54.76343	44.16767	44.16767	0	-9999	10
2434.085	2435.505	1833.005	120.2591	95.83111	121.1487	122.683	0	65.39271	34.60729	34.60729	0	-9999	10
2434.09	2435.51	1833.01	116.8886	93.58652	116.709	115.4114	11.20607	37.61131	51.18262	36.82894	14.35368	22.52227	10
2434.095	2435.515	1833.015	120.0796	135.3611	120.6345	121.8179	0	61.01326	38.98674	38.98674	0	-9999	10
2434.1	2435.52	1833.02	123.3604	135.9939	124.4948	125.0661	0	84.97052	15.02948	15.02948	0	-9999	10
2434.105	2435.525	1833.025	119.6389	94.03944	120.3815	121.5159	1.419021	60.44531	38.13567	38.13567	0	-9999	10
2434.11	2435.53	1833.03	119.0594	80.40542	119.7858	123.344	5.37804	57.45257	37.16939	26.12947	11.03991	-9999	10
2434.115	2435.535	1833.035	122.6422	108.2729	123.4991	123.0992	0	73.98062	26.01938	26.01938	0	-9999	10
2434.12	2435.54	1833.04	121.8914	107.3937	122.6912	123.6297	0	69.95798	30.04202	30.04202	0	-9999	10
2434.125	2435.545	1833.045	119.9	101.0663	119.9327	124.0133	4.980943	48.39685	46.62221	39.60599	7.016219	-9999	10
2434.13	2435.55	1833.05	120.6917	94.77209	121.0997	123.8174	2.866365	57.24975	39.88389	39.88389	0	-9999	10
2434.135	2435.555	1833.055	119.9408	85.72715	120.4713	121.6955	4.797266	56.78458	38.41815	30.02907	8.389088	-9999	10
2434.14	2435.56	1833.06	119.3777	79.14659	120.0061	121.1324	6.148844	56.51201	37.33914	37.33914	0	-9999	10
2434.145	2435.565	1833.065	119.3859	89.53695	119.7531	121.2303	5.650842	52.42956	41.9196	36.49441	5.425186	-9999	10
2434.15	2435.57	1833.07	121.116	89.52363	121.7689	120.9691	1.848588	63.0804	35.07102	35.07102	0	-9999	10
2434.155	2435.575	1833.075	118.4473	76.42911	119.2635	119.7368	6.207689	56.97362	36.81869	36.81869	0	-9999	10
2434.16	2435.58	1833.08	117.9658	79.44631	118.5534	119.3696	7.691491	51.79563	40.51288	37.05353	3.45935	-9999	10
2434.165	2435.585	1833.085	122.226	85.82706	122.8462	121.9975	1.975028	65.84472	32.18025	32.18025	0	-9999	10
2434.17	2435.59	1833.09	122.2423	86.06683	122.7972	122.7483	2.407978	64.52372	33.0683	33.0683	0	-9999	10
2434.175	2435.595	1833.095	121.9975	77.28165	122.5851	124.0622	4.506245	63.80634	31.68742	31.68742	0	-9999	10
2434.18	2435.6	1833.1	119.5491	65.23949	119.8103	119.4756	12.2029	49.28392	38.51318	17.06836	21.44482	20.5587	10
2434.185	2435.605	1833.105	118.5208	60.31072	118.7248	117.8679	14.78445	45.30714	39.90841	30.99254	8.915877	21.02888	10
2434.19	2435.61	1833.11	119.1329	68.78953	119.6389	120.3979	9.829239	52.85987	37.31089	23.16624	14.14466	20.18666	10
2434.195	2435.615	1833.115	117.5414	66.40507	117.7618	118.986	14.08411	43.63577	42.28012	31.454	10.82612	20.99406	10
2434.2	2435.62	1833.12	118.9125	64.73329	119.0839	118.9697	13.60679	46.00165	40.39157	34.15526	6.236308	20.86834	10
2434.205	2435.625	1833.125	119.6715	68.15678	119.9327	118.8717	11.38429	49.8055	38.81021	28.38317	10.42704	20.69615	10
2434.21	2435.63	1833.13	119.4185	64.02062	119.6878	118.0719	12.55475	49.00627	38.43898	15.56727	22.87171	20.80911	10
2434.215	2435.635	1833.135	121.4915	70.8343	121.8832	120.7325	8.049998	57.70292	34.24709	24.20578	10.0413	19.86397	10
2434.22	2435.64	1833.14	120.6264	65.33273	120.8386	120.8549	11.56874	51.26992	37.16134	31.96206	5.19928	20.19122	10
2434.225	2435.645	1833.145	119.8021	86.58635	120.5774	121.6302	2.819505	61.07279	36.10771	36.10771	0	-9999	10
2434.23	2435.65	1833.15	119.8674	81.78414	120.4223	121.9322	5.629302	56.76492	37.60578	36.16589	1.43989	-9999	10
2434.235	2435.655	1833.155	124.6172	94.37912	124.3316	121.72	4.726156	53.75451	41.51933	41.51933	0	-9999	10
2434.24	2435.66	1833.16	126.0128	123.1658	126.0454	123.3604	0	67.61101	32.38899	32.38899	0	-9999	10
2434.245	2435.665	1833.165	123.7848	102.7247	123.7521	118.9697	1.511644	57.67595	40.8124	40.8124	0	-9999	10
2434.25	2435.67	1833.17	125.4578	120.6681	126.0128	123.9643	0	78.49566	21.50434	21.50434	0	-9999	10
2434.255	2435.675	1833.175	123.393	93.91289	123.0992	122.0138	6.028477	50.25823	43.7133	35.52827	8.185023	-9999	10
2434.26	2435.68	1833.18	127.6613	141.4821	128.3632	132.4601	0	93.14378	6.856224	6.856224	0	-9999	10
2434.265	2435.685	1833.185	127.0003	128.6473	127.849	126.078	0	93.31231	6.687685	6.687685	0	-9999	10
2434.27	2435.69	1833.19	124.2907	106.2415	124.9273	123.9643	0	75.01024	24.98976	24.98976	0	-9999	10
2434.275	2435.695	1833.195	123.6705	100.4268	124.1275	122.6503	0	68.1967	31.8033	31.8033	0	-9999	10
2434.28	2435.7	1833.2	122.479	119.2893	123.0339	121.7526	0	67.5604	32.4396	32.4396	0	-9999	10
2434.285	2435.705	1833.205	117.8516	97.98911	119.0023	120.7488	0	62.51895	37.48105	37.48105	0	-9999	10
2434.29	2435.71	1833.21	117.2395	132.3972	118.9207	123.1482	0	72.1	27.9	27.9	0	-9999	10
2434.295	2435.715	1833.215	120.3897	84.94121	120.9691	121.72	4.195013	59.02121	36.78378	36.78378	0	-9999	10
2434.3	2435.72	1833.22	122.177	126.9423	123.2216	125.368	0	77.58827	22.41173	22.41173	0	-9999	10
2434.305	2435.725	1833.225	121.8914	149.4214	124.0786	126.6983	0	100	0	0	0	-9999	10
2434.31	2435.73	1833.23	118.937	82.92308	119.3859	117.419	7.031861	52.23867	40.72946	32.77717	7.952298	-9999	10
2434.315	2435.735	1833.235	121.9893	88.81095	122.5606	123.8419	1.850159	64.21373	33.93611	33.93611	0	-9999	10
2434.32	2435.74	1833.24	119.4348	57.77308	119.5165	120.0877	15.50637	45.21879	39.27484	14.19568	25.07916	20.63928	10
2434.325	2435.745	1833.245	123.1155	99.22796	123.4501	123.2135	0.127326	63.51412	36.35855	36.35855	0	-9999	10
2434.33	2435.75	1833.25	122.2504	70.42801	122.5116	121.467	8.462036	57.28137	34.25659	25.13489	9.121702	19.75989	10
2434.335	2435.755	1833.255	123.5807	86.67294	124.3316	125.0171	0	73.66409	26.33591	26.33591	0	-9999	10
2434.34	2435.76	1833.26	124.6988	95.04517	125.3354	126.8778	0	75.81772	24.18228	24.18228	0	-9999	10
2434.345	2435.765	1833.265	123.0829	75.19692	123.3604	122.8625	6.415616	60.53312	33.05127	30.00822	3.043043	-9999	10
2434.35	2435.77	1833.27	121.9811	73.82486	122.3974	121.418	6.686038	59.92556	33.3884	25.43251	7.955897	-9999	10
2434.355	2435.775	1833.275	121.6384	75.70977	122.0872	120.7488	6.292239	59.65369	34.05407	22.17914	11.87493	-9999	10
2434.36	2435.78	1833.28	124.5029	73.47851	125.0987	124.7804	3.058311	72.63161	24.31008	24.31008	0	-9999	10
2434.365	2435.785	1833.285	127.4328	103.0045	128.2326	131.6113	0	92.23633	7.76367	7.76367	0	-9999	10
2434.37	2435.79	1833.29	127.8898	94.03944	128.861	132.5907	0	98.70899	1.29101	1.29101	0	-9999	10
2434.375	2435.795	1833.295	125.8332	81.42447	126.7391	129.9628	0	86.35396	13.64604	13.64604	0	-9999	10
2434.38	2435.8	1833.3	126.7962	103.5506	128.1347	130.5993	0	100	0	0	0	-9999	10
2434.385	2435.805	1833.305	124.4948	67.84374	125.0824	126.4698	4.492684	72.02551	23.48181	23.48181	0	-9999	10

2434.39	2435.81	1833.31	122.4545	69.0293	123.1319	123.597	5.387108	66.72829	27.8846	27.41034	0.474254	-9999	10
2434.395	2435.815	1833.315	120.251	78.40061	120.7325	123.1482	6.664468	56.27029	37.06524	37.06524	0	-9999	10
2434.4	2435.82	1833.32	119.8837	84.83464	120.5366	118.4473	4.117073	58.87744	37.00549	31.97377	5.031715	-9999	10
2434.405	2435.825	1833.325	118.8962	62.78843	119.4756	118.3739	10.93	53.11595	35.95405	17.25746	18.69658	20.39647	10
2434.41	2435.83	1833.33	120.757	80.08571	121.3038	119.9327	5.285166	59.18352	35.53131	30.00537	5.525944	-9999	10
2434.415	2435.835	1833.335	120.7733	65.93218	121.3038	122.4871	8.821804	57.95586	33.22234	25.9365	7.285839	19.3821	10
2434.42	2435.84	1833.34	122.0056	61.24985	122.5279	123.8582	8.884424	61.37725	29.73833	12.55825	17.18008	18.74215	10
2434.425	2435.845	1833.345	124.1112	95.94434	125.0008	123.2298	0	79.61519	20.38481	20.38481	0	-9999	10
2434.43	2435.85	1833.35	121.0752	80.39876	121.8342	122.3402	3.272109	64.47951	32.24838	30.90242	1.345957	-9999	10
2434.435	2435.855	1833.355	122.7809	78.27406	123.3522	124.9436	3.671784	66.17611	30.1521	30.1521	0	-9999	10
2434.44	2435.86	1833.36	120.4958	75.03706	120.9855	120.5203	7.189949	56.92841	35.88164	31.6012	4.280443	-9999	10
2434.445	2435.865	1833.365	119.949	98.03573	120.9365	124.0704	0	66.40756	33.59244	33.59244	0	-9999	10
2434.45	2435.87	1833.37	120.8467	84.93455	121.5241	123.7929	3.01717	62.38968	34.59315	34.59315	0	-9999	10
2434.455	2435.875	1833.375	118.6432	77.02855	119.2879	120.2836	7.210657	54.527	38.26234	27.22033	11.04202	-9999	10
2434.46	2435.88	1833.38	119.5491	89.17062	120.1367	118.9044	3.8816	56.93628	39.18212	35.83149	3.350633	-9999	10
2434.465	2435.885	1833.385	117.011	76.1094	117.419	116.1622	10.76897	46.0973	43.13373	25.89924	17.23449	21.50285	10
2434.47	2435.89	1833.39	116.1704	111.5565	116.505	116.7661	3.533366	45.33069	51.13594	49.23706	1.898879	-9999	10
2434.475	2435.895	1833.395	115.2726	71.52033	115.8031	117.3374	12.53006	43.54395	43.92599	24.89527	19.03073	21.25785	10
2434.48	2435.9	1833.4	115.8194	67.87038	115.999	114.7585	15.63	39.22537	45.14463	37.30491	7.839719	21.99216	10
2434.485	2435.905	1833.405	118.4963	86.24667	118.8554	116.6845	7.328742	49.69873	42.97253	39.94533	3.027199	-9999	10
2434.49	2435.91	1833.41	116.1051	62.22894	116.407	116.6519	15.7837	41.3463	42.86999	22.41302	20.45698	21.43057	10
2434.495	2435.915	1833.415	116.8069	69.44225	117.3129	117.8842	11.81114	46.73196	41.4569	20.88477	20.57212	20.9955	10
2434.5	2435.92	1833.42	115.7215	70.96085	116.3254	117.3537	11.68325	45.69626	42.62048	29.72821	12.89228	21.13913	10
2434.505	2435.925	1833.425	115.8684	70.08832	116.4234	116.6927	12.13875	45.23872	42.62253	34.66373	7.958795	21.27831	10
2434.51	2435.93	1833.43	115.746	69.39563	116.2683	116.8641	12.672	44.39395	42.93405	21.71621	21.21784	21.27937	10
2434.515	2435.935	1833.435	115.7623	65.07963	116.2765	116.7008	13.76471	44.01609	42.2192	19.23598	22.98322	21.25791	10
2434.52	2435.94	1833.44	115.3053	75.27684	115.9092	116.9049	11.02171	44.98032	43.99798	37.93844	6.059535	21.33133	10
2434.525	2435.945	1833.445	112.8651	70.95418	113.6649	116.4315	12.79479	41.81622	45.389	28.45379	16.9352	21.37963	10
2434.53	2435.95	1833.45	113.7873	62.12238	114.4076	116.0235	15.47513	40.81986	43.70501	22.46107	21.24394	21.4248	10
2434.535	2435.955	1833.455	114.9544	55.90148	115.3869	116.3091	17.36163	40.30864	42.32973	29.55158	12.77815	21.40715	10
2434.54	2435.96	1833.46	118.8636	55.9481	119.0676	120.7406	15.52486	45.86377	38.61138	25.025	13.58638	20.39989	10
2434.545	2435.965	1833.465	121.0344	73.49183	121.4343	122.43	7.764089	56.66827	35.56764	29.77035	5.797283	-9999	10
2434.55	2435.97	1833.47	119.1166	68.71626	119.0513	120.6101	14.28943	42.57503	43.13554	35.58035	7.555187	20.91957	10
2434.555	2435.975	1833.475	111.2573	71.22726	110.9391	110.2862	22.87297	24.82063	52.3064	21.43405	30.87235	23.38228	10
2434.56	2435.98	1833.48	110.4086	63.30794	110.0087	108.9232	26.2028	22.20325	51.59395	20.17473	31.41922	23.72403	10
2434.565	2435.985	1833.485	110.229	61.86262	110.1474	110.1801	24.25103	25.44668	50.30229	33.31157	16.99071	23.20132	10
2434.57	2435.99	1833.49	111.9429	43.93924	111.8449	111.7225	27.13825	26.65464	46.20711	22.78296	23.42415	23.05536	10
2434.575	2435.995	1833.495	111.4532	64.9331	111.2247	110.5228	23.52022	25.741	50.73878	26.40932	24.32946	23.28048	10
2434.58	2436	1833.5	111.192	68.9294	110.8166	109.7149	23.93186	23.9049	52.16324	29.47048	22.69276	23.54532	10
2434.585	2436.005	1833.505	110.4167	65.45928	110.2454	107.8786	23.90369	24.94246	51.15386	35.80612	15.34773	23.69252	10
2434.59	2436.01	1833.51	114.6116	87.55212	114.3096	113.1099	15.70995	31.2649	53.02515	29.50988	23.51527	22.98223	10
2434.595	2436.015	1833.515	114.5871	120.3017	114.9217	117.721	2.87363	42.43506	54.69131	54.69131	0	-9999	10
2434.6	2436.02	1833.52	117.6802	111.1369	118.7575	123.6379	0	61.58062	38.41938	38.41938	0	-9999	10
2434.605	2436.025	1833.525	118.9615	129.0803	120.5856	123.8337	0	77.18395	22.81605	22.81605	0	-9999	10
2434.61	2436.03	1833.53	118.5126	103.8703	119.8347	122.3239	0	68.19749	31.80251	31.80251	0	-9999	10
2434.615	2436.035	1833.535	117.4272	100.4268	118.48	121.4751	0	59.6569	40.3431	40.3431	0	-9999	10
2434.62	2436.04	1833.54	114.7095	95.33157	115.2237	117.925	7.412306	43.61607	48.97162	48.97162	0	-9999	10
2434.625	2436.045	1833.545	118.0148	75.89627	118.2433	116.8886	11.28851	45.54412	43.16736	37.35803	5.809337	21.45142	10
2434.63	2436.05	1833.55	121.1405	69.2491	121.3364	122.1525	10.27445	52.63962	37.08593	34.2974	2.788522	19.94475	10
2434.635	2436.055	1833.555	117.9332	71.87333	118.3576	117.5414	10.81917	48.4001	40.78073	33.24672	7.534009	21.04744	10
2434.64	2436.06	1833.56	118.4473	73.25205	118.276	118.8554	14.62968	39.56241	45.8079	24.68837	21.11953	21.50681	10
2434.645	2436.065	1833.565	117.0028	72.37287	117.0926	118.5371	14.14744	40.68794	45.16462	20.08478	25.07984	21.35065	10
2434.65	2436.07	1833.57	116.3989	54.80916	116.456	117.7047	19.20647	37.69273	43.1008	20.56481	22.53599	21.46169	10
2434.655	2436.075	1833.575	116.1214	71.01413	115.999	115.95	16.93163	35.47381	47.59456	36.41669	11.17788	22.11418	10
2434.66	2436.08	1833.58	110.7432	52.95088	110.9227	111.9592	23.91068	28.65907	47.43025	35.27888	12.15138	22.67614	10
2434.665	2436.085	1833.585	114.277	61.41636	114.7258	114.5871	16.52372	39.42988	44.0464	19.74018	24.30622	21.80354	10
2434.67	2436.09	1833.59	111.5267	57.00712	111.6899	113.518	22.33477	30.05508	47.61015	28.05732	19.55283	22.37876	10
2434.675	2436.095	1833.595	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2435	2436.42	1833.92	86.65954	110.7839	84.71718	81.24867	48.51682	2.299128	49.18405	17.30163	31.88242	25.65033	9
2435.005	2436.425	1833.925	87.84291	71.49368	87.05943	87.20634	47.95497	3.835098	48.20993	28.02139	20.18854	25.53449	9
2435.01	2436.43	1833.93	84.32544	60.59046	84.21118	83.6399	48.64319	4.004604	47.3522	23.92909	23.42312	25.72302	9
2435.015	2436.435	1833.935	81.12626	46.20381	80.72636	81.38741	57.28173	1.115901	41.60237	25.30339	16.29898	26.85536	9
2435.02	2436.44	1833.94	85.39455	35.88005	85.40271	86.46367	52.69079	3.171957	44.13725	28.37908	15.75818	26.40062	9
2435.025	2436.445	1833.945	89.14054	33.04268	88.96915	90.51161	51.32261	4.075091	44.6023	21.15019	23.4521	26.28132	9
2435.03	2436.45	1833.95	94.2576	34.27487	94.1515	95.08188	45.81073	7.360068	46.8292	19.87843	26.95077	25.7	9
2435.035	2436.455	1833.955	99.08902	36.63935	99.38282	101.6679	37.69441	13.69976	48.60583	26.04096	22.56487	24.38228	9
2435.04	2436.46	1833.96	102.0678	32.75628	102.3127	102.8187	36.27309	16.15062	47.57629	23.93766	23.63863	24.45832	9
2435.045	2436.465	1833.965	101.5047	35.23398	101.9373	104.2224	34.73682	17.11091	48.15227	33.18871	14.96356	23.95946	9
2435.05	2436.47	1833.97	103.5042	32.37663	103.4961	104.9651	37.00423	15.69293	47.30285	24.93827	22.36458	24.36325	9
2435.055	2436.475	1833.975	105.4466	28.87322	105.5282	105.7485	35.36934	18.45446	46.1762	31.06606	15.11014	24.25127	9
2435.06	2436.48	1833.98	107.7399	38.47098	107.9847	107.6583	29.67187	23.73042	46.59772	32.01198	14.58573	23.561	9
2435.065	2436.485	1833.985	108.6947	66.5516	108.858	109.8536	22.63038	26.18301	51.18661	33.1293	18.0573	23.01097	9
2435.07	2436.49	1833.99	109.2252	69.7553	109.6904	109.7557	19.02683	30.5116	50.46157	39.139	11.32257	22.85801	9

2435.075	2436.495	1833.995	110.6371	66.24522	111.2084	111.6736	17.75509	34.00968	48.23523	23.85718	24.37805	22.42707	9
2435.08	2436.5	1834	109.8291	59.59139	110.4086	110.4249	20.04539	32.16784	47.78677	27.5809	20.20587	22.63527	9
2435.085	2436.505	1834.005	109.6496	70.8343	110.5228	110.1393	15.21282	35.96614	48.82103	22.38887	26.43217	22.59323	9
2435.09	2436.51	1834.01	102.2311	45.72425	102.6228	103.7899	31.84619	18.34251	49.81131	26.80063	23.01068	23.895	9
2435.095	2436.515	1834.015	101.5782	38.03805	101.1783	100.4601	40.44208	11.24205	48.31587	31.8395	16.47637	25.34892	9
2435.1	2436.52	1834.02	100.6233	34.02178	100.8845	101.2191	37.1693	14.82347	48.00723	28.56769	19.43954	24.64474	9
2435.105	2436.525	1834.025	102.0515	35.15406	102.2719	102.9411	35.89759	16.10761	47.9948	16.24751	31.74729	24.39741	9
2435.11	2436.53	1834.03	103.8307	30.30522	103.9286	104.3448	36.38294	16.78432	46.83274	32.44547	14.38727	24.43133	9
2435.115	2436.535	1834.035	103.7572	31.23769	104.1816	104.8916	33.69489	19.48261	46.82251	15.50306	31.31945	23.99662	9
2435.12	2436.54	1834.04	103.643	40.31594	104.0755	105.4629	31.53982	20.01899	48.44119	28.71536	19.72584	23.7109	9
2435.125	2436.545	1834.045	105.014	53.10408	105.6914	107.9765	25.28622	24.88066	49.83312	23.52831	26.30481	22.98076	9
2435.13	2436.55	1834.05	106.483	47.95552	106.7279	107.7072	28.53289	22.59617	48.87094	21.44681	27.42413	23.41533	9
2435.135	2436.555	1834.055	106.7932	59.39824	107.2747	109.1191	23.64421	26.10198	50.25381	20.69482	29.559	22.90635	9
2435.14	2436.56	1834.06	106.7768	52.3248	107.4134	109.47	24.16926	27.12434	48.7064	33.06386	15.64253	22.77655	9
2435.145	2436.565	1834.065	107.0298	48.22194	107.7888	109.9924	23.98066	28.47683	47.54251	28.99222	18.5503	22.62207	9
2435.15	2436.57	1834.07	108.8743	45.89077	109.47	111.4042	24.11291	29.73636	46.15072	25.98605	20.16467	22.47406	9
2435.155	2436.575	1834.075	106.8013	54.27632	107.291	109.1762	24.81295	25.84857	49.33848	21.9225	27.41598	22.91557	9
2435.16	2436.58	1834.08	105.0548	75.83632	104.8916	104.9977	26.26214	19.00606	54.7318	33.31901	21.41278	23.82679	9
2435.165	2436.585	1834.085	104.2959	81.83076	104.606	106.5075	21.84131	22.60759	55.55111	32.73595	22.81516	23.25285	9
2435.17	2436.59	1834.09	104.5244	79.39968	104.9814	105.3405	21.08091	24.01078	54.90831	40.27838	14.62993	23.44765	9
2435.175	2436.595	1834.095	102.2719	62.53533	102.835	104.1816	26.41213	20.8643	52.72356	37.04758	15.67598	23.51241	9
2435.18	2436.6	1834.1	103.39	68.03023	103.896	105.3568	24.49647	22.17856	53.32496	28.47989	24.84507	23.36513	9
2435.185	2436.605	1834.105	100.4438	55.10222	100.3458	100.3948	35.01598	13.55161	51.43241	33.57429	17.85813	24.54853	9
2435.19	2436.61	1834.11	97.19562	51.11925	97.56288	97.94645	35.36296	13.38262	51.25442	27.22868	24.02574	24.50845	9
2435.195	2436.615	1834.115	97.66081	50.03359	97.90564	97.81587	36.14645	12.97799	50.87556	19.85184	31.02372	24.67434	9
2435.2	2436.62	1834.12	98.68096	45.30464	98.8197	99.48075	37.17456	12.89671	49.92873	36.25452	13.67421	24.64401	9
2435.205	2436.625	1834.125	96.62434	44.90501	96.96711	98.37899	37.58213	12.31478	50.10309	17.2082	32.89489	24.55025	9
2435.21	2436.63	1834.13	94.50243	30.5783	95.00843	96.19996	41.73637	10.47073	47.79291	22.4722	25.32071	25.10699	9
2435.215	2436.635	1834.135	95.29407	35.92001	96.42031	98.93395	34.90843	14.97231	50.11926	27.62413	22.49513	24.10951	9
2435.22	2436.64	1834.14	98.46877	39.42343	99.06453	102.076	35.25108	15.24885	49.50007	30.73844	18.76163	23.97727	9
2435.225	2436.645	1834.145	104.2959	33.38237	104.3775	104.8345	35.33679	17.38866	47.27454	23.23693	24.03761	24.29332	9
2435.23	2436.65	1834.15	107.8133	43.17995	108.6947	110.2372	23.53129	30.74786	45.72085	29.40049	16.32036	22.50505	9
2435.235	2436.655	1834.155	109.519	61.89592	110.6289	110.7432	15.66182	37.83473	46.50346	35.65581	10.84765	22.28768	9
2435.24	2436.66	1834.16	112.1551	56.86725	112.7916	113.3956	18.12203	37.17844	44.69954	19.37733	25.3222	21.95629	9
2435.245	2436.665	1834.165	109.6822	53.43044	110.1393	111.7062	22.62023	30.09869	47.28108	36.07836	11.20272	22.48979	9
2435.25	2436.67	1834.17	107.1849	54.263	107.3889	107.0625	26.67701	23.59647	49.72653	21.66561	28.06091	23.51777	9
2435.255	2436.675	1834.175	111.1349	88.0783	111.445	109.772	14.03746	33.25592	52.70663	44.4441	8.262525	23.12118	9
2435.26	2436.68	1834.18	114.228	91.98801	114.4892	109.5598	10.62516	38.73648	50.63836	29.62113	21.01723	23.27002	9
2435.265	2436.685	1834.185	114.5626	93.45331	115.5746	116.5376	4.143795	50.45611	45.40009	45.40009	0	-9999	9
2435.27	2436.69	1834.19	112.4978	93.4733	113.216	114.5789	8.315526	41.43828	50.2462	45.12022	5.125977	22.16974	9
2435.275	2436.695	1834.195	111.7878	103.3042	112.3101	111.1431	8.107653	38.11624	53.7761	53.06073	0.715377	23.06949	9
2435.28	2436.7	1834.2	111.1594	125.084	111.29	111.2737	6.45104	33.63647	59.91249	55.28527	4.62722	-9999	9
2435.285	2436.705	1834.205	111.2573	134.1356	112.0082	112.2204	0	41.99423	58.00577	58.00577	0	-9999	9
2435.29	2436.71	1834.21	110.8819	134.3154	110.9391	111.8694	5.041556	32.93605	62.02239	62.02239	0	-9999	9
2435.295	2436.715	1834.215	109.9597	115.8326	110.4249	111.4206	7.200386	34.88632	57.91329	57.91329	0	-9999	9
2435.3	2436.72	1834.22	110.6289	122.9659	111.2981	112.9467	3.277199	38.99384	57.72896	57.72896	0	-9999	9
2435.305	2436.725	1834.225	108.5152	126.5293	109.2905	111.192	3.537273	36.50064	59.96209	59.96209	0	-9999	9
2435.31	2436.73	1834.23	108.0255	135.0081	108.2622	108.1234	6.110344	30.5817	63.30796	55.05916	8.248796	-9999	9
2435.315	2436.735	1834.235	107.2828	152.6384	107.5766	108.3356	2.084318	31.26514	66.65054	66.65054	0	-9999	9
2435.32	2436.74	1834.24	106.4341	149.4347	107.4461	109.821	0	36.81877	63.18123	63.18123	0	-9999	9
2435.325	2436.745	1834.245	100.1826	142.7609	101.162	101.5782	5.693955	26.80904	67.497	65.98807	1.50893	-9999	9
2435.33	2436.75	1834.25	99.07269	123.7585	99.92962	103.2431	12.26239	23.33391	64.4037	51.76657	12.63713	23.478	9
2435.335	2436.755	1834.255	95.86535	159.925	96.38767	97.31804	9.054085	20.45143	70.49448	55.45448	15.04	24.24886	9
2435.34	2436.76	1834.26	95.2451	137.4392	95.139	99.26856	19.93647	14.984	65.07953	33.83485	31.24469	23.09221	9
2435.345	2436.765	1834.265	93.17216	75.2502	93.18032	92.77226	36.00782	9.988587	54.0036	26.79039	27.2132	24.59611	9
2435.35	2436.77	1834.27	92.56823	64.85318	92.70697	93.70264	38.06752	9.518512	52.41397	18.1062	34.30776	24.55682	9
2435.355	2436.775	1834.275	98.18313	64.94642	98.53406	99.7011	31.23478	15.1202	53.64502	20.86185	32.78318	24.01371	9
2435.36	2436.78	1834.28	103.4471	57.34015	103.8062	106.4178	28.1694	20.31523	51.51537	33.50485	18.01052	23.33055	9
2435.365	2436.785	1834.285	105.2344	76.02948	105.9934	107.9276	18.90306	27.50136	53.59558	30.52555	23.07003	22.93611	9
2435.37	2436.79	1834.29	107.9357	75.83632	108.5397	108.7927	17.66629	30.25494	52.07876	32.04163	20.03713	22.9617	9
2435.375	2436.795	1834.295	109.6169	78.17415	110.1964	110.8574	15.74358	33.04072	51.2157	29.79031	21.42539	22.65709	9
2435.38	2436.8	1834.3	108.6866	87.69865	109.5598	110.5228	12.01763	35.26241	52.71997	36.00255	16.71742	22.72127	9
2435.385	2436.805	1834.305	108.556	81.7575	109.2415	109.5598	15.03025	32.57905	52.3907	25.75824	26.63246	22.86314	9
2435.39	2436.81	1834.31	109.4619	89.49032	110.1474	110.4494	12.32548	34.72558	52.94893	46.10164	6.847291	22.82845	9
2435.395	2436.815	1834.315	109.9924	98.87495	110.8901	109.8944	7.921888	38.82357	53.25455	43.19213	10.06242	-9999	9
2435.4	2436.82	1834.32	109.1844	97.68273	110.0576	110.1882	9.143475	36.87752	53.97901	38.1188	15.86021	22.97976	9
2435.405	2436.825	1834.325	107.4379	111.723	107.9602	106.4667	10.07221	31.03324	58.89455	44.66297	14.23158	23.81209	9
2435.41	2436.83	1834.33	106.5973	107.2339	106.9564	106.1076	13.19692	27.85317	58.94991	51.25388	7.696035	23.71242	9
2435.415	2436.835	1834.335	107.0054	107.487	107.6664	108.1234	10.42004	31.45537	58.12459	47.94112	10.18347	23.3959	9
2435.42	2436.84	1834.34	105.5608	88.6178	106.1158	108.05	17.13758	26.95415	55.90827	27.87668	28.03159	23.04627	9
2435.425	2436.845	1834.345	104.4019	106.1948	105.3486	105.9607	10.91416	29.96236	59.12348	40.91194	18.21154	23.54471	9
2435.43	2436.85	1834.35	103.6348	102.445	104.5244	106.0587	12.97015	28.06177	58.96808	38.72881	20.23927	23.36712	9
2435.435	2436.855	1834.355	100.4438	93.49994	100.9742	99.93778	20.85355	20.56811	58.57834	38.201	20.37734	23.98584	9

2435.44	2436.86	1834.36	96.86917	99.70085	97.17114	96.26525	24.41253	15.98483	59.60264	39.01265	20.58999	24.10051	9
2435.445	2436.865	1834.365	92.911	95.951	92.93549	93.96379	31.11199	11.29649	57.59152	41.82274	15.76878	23.90921	9
2435.45	2436.87	1834.37	83.10126	133.7626	81.58328	77.69856	42.94064	4.529384	52.52998	20.6349	31.89508	24.49593	9
2435.455	2436.875	1834.375	69.48025	134.9015	67.6195	65.99542	57.85281	2.410827	39.73637	15.82713	23.90924	24.6377	9
2435.46	2436.88	1834.38	75.65826	118.4301	74.53202	74.38512	50.46269	3.146305	46.39101	19.81207	26.57894	24.25538	9
2435.465	2436.885	1834.385	74.7687	133.9424	72.89162	68.01124	53.34604	2.712393	43.94157	25.84942	18.09214	25.06796	9
2435.47	2436.89	1834.39	67.79088	88.49125	66.25658	64.82838	68.10834	0	31.89166	23.89806	7.993595	26.91635	9
2435.475	2436.895	1834.395	72.57334	91.13546	71.47158	71.18594	59.71638	0.893364	39.39025	19.47268	19.91757	25.95979	9
2435.48	2436.9	1834.4	82.92988	81.18469	82.57895	82.5055	46.77753	4.182508	49.03996	17.3642	31.67576	25.01597	9
2435.485	2436.905	1834.405	87.8021	63.30794	87.81026	87.28795	43.83829	6.142668	50.01904	26.52771	23.49132	25.2655	9
2435.49	2436.91	1834.41	93.26193	63.50776	93.62102	94.88601	36.04718	10.97665	52.97617	23.14316	29.83301	24.35569	9
2435.495	2436.915	1834.415	91.70315	62.89499	91.71131	92.49478	40.34927	8.240407	51.41033	22.91892	28.49141	24.80067	9
2435.5	2436.92	1834.42	95.93064	41.92778	96.06938	95.25326	40.52205	10.37687	49.10107	18.20562	30.89545	25.30216	9
2435.505	2436.925	1834.425	94.63301	54.35625	94.51875	94.1515	40.66891	8.920489	50.4106	25.06021	25.3504	25.17618	9
2435.51	2436.93	1834.43	94.07805	46.29706	94.1107	94.67382	41.99131	8.756579	49.25211	26.74053	22.51158	25.18437	9
2435.515	2436.935	1834.435	97.13849	46.01065	97.30172	97.51391	38.23302	11.76596	50.00102	32.45855	17.54247	24.84374	9
2435.52	2436.94	1834.44	99.98675	54.17641	99.86433	100.3458	35.85024	12.92049	51.22927	30.54224	20.68704	24.5548	9
2435.525	2436.945	1834.445	97.80771	34.93426	97.84852	96.27341	41.24657	10.83402	47.91941	19.13994	28.77946	25.56045	9
2435.53	2436.95	1834.45	95.07371	26.22234	95.28591	95.17165	44.5419	9.059272	46.39883	24.65808	21.74075	25.7459	9
2435.535	2436.955	1834.455	91.33589	34.34148	91.2706	89.75262	48.16633	5.770812	46.06285	21.30671	24.75615	26.4154	9
2435.54	2436.96	1834.46	93.92299	42.40733	93.43332	92.56007	47.12323	5.792726	47.08405	22.67067	24.41337	26.17547	9
2435.545	2436.965	1834.465	94.91049	38.14462	94.98394	95.30223	42.88211	9.001728	48.11616	16.75669	31.35947	25.39229	9
2435.55	2436.97	1834.47	96.6325	51.07263	96.85285	98.98292	37.0308	12.02346	50.94574	32.73123	18.21451	24.35178	9
2435.555	2436.975	1834.475	98.53406	53.34385	98.72992	101.1456	34.92148	13.67352	51.40501	35.07778	16.32723	24.08578	9
2435.56	2436.98	1834.48	98.68096	57.20028	99.28488	101.1293	30.69062	16.72201	52.58737	25.73519	26.85218	23.81702	9
2435.565	2436.985	1834.485	101.3333	42.45395	101.7332	102.3861	33.40026	17.16157	49.43816	21.3296	28.10856	24.15705	9
2435.57	2436.99	1834.49	97.79139	54.02322	98.74625	100.5988	29.55815	17.82578	52.61607	36.334	16.28206	23.7488	9
2435.575	2436.995	1834.495	99.19511	52.99751	99.65214	100.86	32.37315	15.99448	51.63237	29.31888	22.31349	24.05281	9
2435.58	2437	1834.5	102.4677	105.5221	101.521	100.9008	27.53022	12.48095	59.98883	28.14278	31.84605	24.33293	9
2435.585	2437.005	1834.505	99.74191	72.09313	99.76639	100.4683	30.60116	14.90529	54.49355	30.94337	23.55019	24.06668	9
2435.59	2437.01	1834.51	97.45678	41.70132	98.51773	100.2316	32.02565	17.29541	50.67894	34.73179	15.94715	23.94184	9
2435.595	2437.015	1834.515	100.354	21.52004	100.5825	100.9334	40.69549	13.4759	45.82861	30.97628	14.85232	25.07894	9
2435.6	2437.02	1834.52	104.8671	34.0351	104.859	104.4101	35.34899	17.32162	47.32939	25.4626	21.8668	24.45774	9
2435.605	2437.025	1834.525	108.1724	54.28298	108.2785	107.6909	26.52266	23.99997	49.47737	27.71376	21.76361	23.50097	9
2435.61	2437.03	1834.53	111.698	73.65168	112.0979	111.3634	16.31489	34.40773	49.27738	34.44646	14.83092	22.63215	9
2435.615	2437.035	1834.535	114.3586	69.06261	114.6197	112.6855	16.05298	37.45448	46.49255	26.18939	20.30316	22.38231	9
2435.62	2437.04	1834.54	114.6769	82.63002	114.938	114.6034	12.47684	39.02466	48.4985	36.27943	12.21907	22.17336	9
2435.625	2437.045	1834.545	114.3994	88.13825	114.7911	113.8526	10.38714	40.68289	48.92997	37.34753	11.58244	22.31841	9
2435.63	2437.05	1834.55	114.8972	88.28478	115.289	116.8559	9.893678	41.76983	48.33649	31.80765	16.52884	21.74905	9
2435.635	2437.055	1834.555	114.2443	97.22981	114.3504	114.8401	10.54336	36.95023	52.50641	33.43342	19.07299	22.48002	9
2435.64	2437.06	1834.56	114.1954	89.38376	114.3667	112.0408	11.98116	37.23748	50.78136	38.94548	11.83588	22.82414	9
2435.645	2437.065	1834.565	112.4978	100.7998	112.6692	111.3389	10.7802	34.81787	54.40194	36.70359	17.69835	23.12019	9
2435.65	2437.07	1834.57	110.0576	83.80893	110.1066	108.9396	18.08571	28.14791	53.76637	43.32095	10.44542	23.32622	9
2435.655	2437.075	1834.575	106.4667	78.93345	106.4422	106.4178	23.13847	22.11586	54.74568	22.79061	31.95507	23.59095	9
2435.66	2437.08	1834.58	102.7371	65.59915	102.5657	101.5945	30.93514	15.85682	53.20804	35.0809	18.12714	24.36955	9
2435.665	2437.085	1834.585	98.86866	68.7429	98.58302	98.5667	34.61877	11.92501	53.45623	23.30831	30.14791	24.54108	9
2435.67	2437.09	1834.59	97.40781	55.46855	96.99975	96.60802	40.12388	9.23238	50.64374	35.40978	15.23396	25.18719	9
2435.675	2437.095	1834.595	95.97144	49.94034	95.86535	95.86535	40.44295	9.584774	49.97228	35.62222	14.35006	25.12482	9
2435.68	2437.1	1834.6	96.11835	49.3742	96.26525	97.31804	38.48408	11.07222	50.4437	17.65501	32.78869	24.70472	9
2435.685	2437.105	1834.605	95.3512	37.73167	95.40016	96.3387	42.76634	9.162684	48.07097	26.4993	21.57168	25.26966	9
2435.69	2437.11	1834.61	93.88218	40.3226	94.2576	93.94747	40.96086	9.957762	49.08138	18.89299	30.18839	25.24458	9
2435.695	2437.115	1834.615	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2436	2437.42	1834.92	112.9712	23.09191	113.061	113.314	29.78252	29.36472	40.85276	20.31058	20.54218	22.68533	10
2436.005	2437.425	1834.925	113.9097	25.67618	114.1872	114.3912	26.83895	33.84649	39.31456	11.62058	27.69398	22.09014	10
2436.01	2437.43	1834.93	116.1949	36.65933	115.9663	115.3543	26.00015	31.68713	42.31272	20.83021	21.48251	22.36252	10
2436.015	2437.435	1834.935	118.5779	24.797	118.6595	118.8391	24.27495	40.9244	34.80065	4.96163	29.83902	20.92127	10
2436.02	2437.44	1834.94	113.3221	34.34148	113.6649	115.1584	24.77655	34.14933	41.07412	24.56235	16.51177	21.85331	10
2436.025	2437.445	1834.945	114.2117	27.07489	114.228	114.3423	28.24663	30.90374	40.84964	23.65705	17.19259	22.44278	10
2436.03	2437.45	1834.95	115.493	24.67711	115.7297	116.1214	25.94036	36.47268	37.58696	18.23843	19.34853	21.64668	10
2436.035	2437.455	1834.955	115.2645	43.67282	115.0768	114.9707	24.84259	31.05924	44.09817	31.05234	13.04583	22.39909	10
2436.04	2437.46	1834.96	114.1056	40.87542	114.2362	114.9217	24.11902	33.22058	42.6604	18.00759	24.65281	22.07089	10
2436.045	2437.465	1834.965	114.0077	29.23954	114.0648	113.8934	27.59424	31.23456	41.1712	18.06019	23.111	22.45925	10
2436.05	2437.47	1834.97	114.6361	33.78866	114.6932	113.9587	25.91522	32.73097	41.35381	14.47791	26.8759	22.34809	10
2436.055	2437.475	1834.975	113.6241	24.16425	113.8036	113.4282	28.22662	31.84201	39.93137	11.35357	28.5778	22.45649	10
2436.06	2437.48	1834.98	111.4369	27.8142	111.4042	110.0903	31.00003	25.55988	43.44009	27.10129	16.3388	23.48708	10
2436.065	2437.485	1834.985	112.2204	25.51633	112.5713	112.808	27.86261	31.52297	40.61443	21.56618	19.04825	22.44738	10
2436.07	2437.49	1834.99	111.5511	24.69043	111.796	112.1387	29.50039	28.91629	41.58332	12.52852	29.0548	22.77458	10
2436.075	2437.495	1834.995	110.327	47.70908	110.9064	111.037	22.46291	32.27679	45.2603	18.41175	26.84855	22.50011	10
2436.08	2437.5	1835	110.1556	33.8153	110.5228	110.3106	27.62735	28.56344	43.80921	22.58747	21.22174	22.93538	10
2436.085	2437.505	1835.005	111.3879	35.08079	112.204	112.759	22.70865	36.39358	40.89777	12.22011	28.67766	21.92304	10
2436.09	2437.51	1835.01	110.5555	73.79821	112.5958	114.3912	4.617505	52.47889	42.90361	42.90361	0	-9999	10
2436.095	2437.515	1835.015	107.2094	107.7667	109.9271	114.5871	0	53.67519	46.32481	46.32481	0	-9999	10
2436.1	2437.52	1835.02	106.7197	107.7933	109.0946	113.0936	0	48.65014	51.34986	51.34986	0	-9999	10

2436.105	2437.525	1835.025	110.9391	48.50168	111.5267	114.5789	21.64473	33.58083	44.77444	21.03259	23.74185	21.81269	10
2436.11	2437.53	1835.03	111.5348	31.61734	111.7062	112.2775	28.40834	28.45503	43.13663	30.79438	12.34225	22.75668	10
2436.115	2437.535	1835.035	111.4369	28.3537	111.4124	110.6942	30.80622	25.69465	43.49913	19.44885	24.05028	23.35536	10
2436.12	2437.54	1835.04	111.1839	33.00938	111.5838	112.759	26.62334	30.71424	42.66241	25.75339	16.90902	22.39888	10
2436.125	2437.545	1835.045	112.0327	29.91225	112.4734	113.0446	26.27574	32.60502	41.11924	10.80435	30.31488	22.26256	10
2436.13	2437.55	1835.05	111.5103	31.57738	111.8449	112.1387	27.17555	30.41254	42.41191	24.44459	17.96732	22.58268	10
2436.135	2437.555	1835.055	111.5511	36.38625	112.0408	113.0773	24.77253	32.73244	42.49503	26.11688	16.37815	22.19033	10
2436.14	2437.56	1835.06	111.0043	31.79717	111.3716	111.5103	27.33488	29.91334	42.75178	21.58262	21.16916	22.6895	10
2436.145	2437.565	1835.065	108.1969	38.26451	108.3438	109.3068	30.06036	23.37488	46.56475	26.76247	19.80228	23.34571	10
2436.15	2437.57	1835.07	108.2785	41.15516	109.1518	110.1311	23.65657	31.36654	44.9769	19.83554	25.14135	22.51768	10
2436.155	2437.575	1835.075	107.8215	36.43287	108.1479	108.0092	29.45752	24.54581	45.99667	30.9477	15.04898	23.43395	10
2436.16	2437.58	1835.08	106.8829	36.77256	107.1441	107.9113	30.74476	22.55273	46.70251	24.25005	22.45246	23.51383	10
2436.165	2437.585	1835.085	106.5647	33.57552	107.1849	108.4989	29.0283	25.36604	45.60566	30.72927	14.87639	23.12311	10
2436.17	2437.59	1835.09	106.7524	34.16165	107.3481	108.5315	28.90352	25.45787	45.63861	17.86922	27.76939	23.12892	10
2436.175	2437.595	1835.095	106.279	36.56608	106.8748	107.6746	28.75712	24.89154	46.35133	27.56001	18.79132	23.26033	10
2436.18	2437.6	1835.1	106.3035	38.98384	106.8095	107.3236	28.84524	24.23047	46.92428	32.81321	14.11107	23.36974	10
2436.185	2437.605	1835.105	105.4629	41.60807	105.7812	103.594	30.43826	21.47403	48.08771	15.81007	32.27764	24.16738	10
2436.19	2437.61	1835.11	105.0304	51.7853	105.7159	106.9482	25.5271	24.88953	49.58337	24.44935	25.13402	23.1658	10
2436.195	2437.615	1835.115	104.8998	48.84136	105.6016	106.4586	26.23317	24.6466	49.12023	30.8861	18.23413	23.26511	10
2436.2	2437.62	1835.12	104.1653	44.25895	105.0793	106.1321	26.37338	25.13252	48.4941	20.13039	28.36371	23.22125	10
2436.205	2437.625	1835.125	102.8105	45.13813	103.545	104.8426	28.79847	21.75066	49.45087	32.33282	17.11805	23.50927	10
2436.21	2437.63	1835.13	102.7697	30.94463	103.3165	104.508	33.72557	19.22174	47.05269	33.72742	13.32527	23.93715	10
2436.215	2437.635	1835.135	101.1212	30.34519	101.7006	103.4308	35.13432	17.43462	47.43106	30.09433	17.33673	24.07367	10
2436.22	2437.64	1835.14	101.366	27.80088	101.774	103.798	36.85302	16.26965	46.87732	28.44557	18.43176	24.22143	10
2436.225	2437.645	1835.145	103.9286	24.11097	104.304	105.1936	35.64138	18.80575	45.55288	17.16693	28.38594	24.13735	10
2436.23	2437.65	1835.15	103.7246	32.18348	104.4428	105.8954	31.21907	21.98607	46.79486	24.67906	22.1158	23.53819	10
2436.235	2437.655	1835.155	99.43995	67.52403	100.0684	102.2311	27.30425	18.393	54.30276	24.77697	29.52578	23.5407	10
2436.24	2437.66	1835.16	98.35451	102.2318	101.415	105.2181	1.055312	36.32565	62.61904	62.61904	0	-9999	10
2436.245	2437.665	1835.165	102.0597	50.49982	103.088	104.0673	25.91474	23.44717	50.63809	24.51936	26.11873	23.41885	10
2436.25	2437.67	1835.17	100.9008	30.58496	101.3741	100.9008	36.10125	16.41836	47.48039	23.43563	24.04476	24.61321	10
2436.255	2437.675	1835.175	101.2109	32.64971	101.6843	101.7904	35.31627	16.90706	47.77668	21.06932	26.70736	24.41163	10
2436.26	2437.68	1835.18	100.1092	28.20051	100.3785	101.3333	38.98782	13.9662	47.04598	22.63414	24.41183	24.74472	10
2436.265	2437.685	1835.185	97.71794	30.67155	97.77507	97.92197	42.23424	10.57195	47.19382	29.4685	17.72532	25.37324	10
2436.27	2437.69	1835.19	98.49325	45.80418	98.55038	98.06887	37.85885	12.24565	49.89549	20.29275	29.60274	24.92822	10
2436.275	2437.695	1835.195	99.39914	60.61045	99.12982	98.45244	35.97228	11.89332	52.1344	27.76057	24.37383	24.79142	10
2436.28	2437.7	1835.2	100.3703	66.54494	99.86433	100.0357	35.47688	11.46929	53.05383	25.06023	27.9936	24.62259	10
2436.285	2437.705	1835.205	94.70646	53.31055	94.64933	93.8577	40.41165	9.196051	50.3923	23.07686	27.31544	25.22358	10
2436.29	2437.71	1835.21	93.17216	81.91069	93.25377	93.92299	33.82674	10.79461	55.37865	22.89729	32.48136	24.19851	10
2436.295	2437.715	1835.215	91.8174	83.78895	92.50294	92.82123	29.93813	12.83826	57.22361	39.17065	18.05296	24.05147	10
2436.3	2437.72	1835.22	82.48101	72.69923	82.55446	81.7057	45.95501	4.656674	49.38831	26.46126	22.92705	25.18286	10
2436.305	2437.725	1835.225	73.04669	38.04471	73.03852	73.10381	63.65348	0	36.34652	24.84649	11.50003	26.80792	10
2436.31	2437.73	1835.23	74.94824	72.01986	73.60165	70.32085	64.05492	0	35.94508	21.11349	14.83159	27.22235	10
2436.315	2437.735	1835.235	81.95053	81.77748	81.83628	80.14691	45.70085	4.548545	49.75061	30.48922	19.26139	25.13608	-9999
2436.32	2437.74	1835.24	86.61873	43.91926	87.23898	87.67152	44.87537	6.43646	48.68817	16.58397	32.1042	25.39348	-9999
2436.325	2437.745	1835.245	89.19766	50.37994	89.5894	89.5894	42.71025	7.521143	49.76861	21.31454	28.45407	25.22629	-9999
2436.33	2437.75	1835.25	92.62536	49.24099	93.00894	93.89034	39.89564	9.670957	50.4334	20.9156	29.51781	24.84188	-9999
2436.335	2437.755	1835.255	94.39634	43.9459	94.98394	95.38384	37.96652	11.71799	50.31549	28.79226	21.52323	24.77074	-9999
2436.34	2437.76	1835.26	94.58404	38.36441	95.01659	95.80006	40.34629	10.67266	48.98106	24.42463	24.55643	24.97713	-9999
2436.345	2437.765	1835.265	99.01557	56.56087	99.60317	100.2969	30.66401	16.92175	52.41424	31.69276	20.72148	24.01066	-9999
2436.35	2437.77	1835.27	104.9161	66.96455	105.2425	105.3405	24.7418	22.53868	52.71952	28.89683	23.82269	23.54957	-9999
2436.355	2437.775	1835.275	106.1974	77.44816	106.8421	106.4912	18.55925	27.99626	53.4445	42.29909	11.14541	23.28786	-9999
2436.36	2437.78	1835.28	105.0385	60.8702	105.267	105.7812	26.863	21.41678	51.72022	27.7054	24.01482	23.57487	-9999
2436.365	2437.785	1835.285	103.2267	71.17398	103.3492	103.6593	26.85856	19.06367	54.07777	36.56416	17.51361	23.79409	-9999
2436.37	2437.79	1835.29	102.8676	59.31165	102.8758	102.7452	30.9451	16.9656	52.0893	18.46389	33.62541	24.14656	-9999
2436.375	2437.795	1835.295	103.0554	57.43339	102.9248	102.835	32.30218	15.93873	51.75909	34.67836	17.08073	24.27223	-9999
2436.38	2437.8	1835.3	99.01557	59.45152	99.04821	98.90131	34.26541	13.46161	52.27298	23.25291	29.02007	24.50164	-9999
2436.385	2437.805	1835.305	99.41546	64.8998	98.86866	97.36701	37.06972	10.39702	52.53327	37.426	15.10726	25.08257	-9999
2436.39	2437.81	1835.31	98.19945	73.15215	97.62	95.57971	36.44438	9.929647	53.62597	21.05755	32.56842	25.08294	-9999
2436.395	2437.815	1835.315	94.47795	82.3303	94.6983	95.44913	31.44863	12.44047	56.1109	33.03084	23.08006	24.06532	-9999
2436.4	2437.82	1835.32	90.91967	79.55288	91.36854	92.66617	33.6234	10.83254	55.54406	33.73497	21.80909	24.04414	-9999
2436.405	2437.825	1835.325	87.19001	109.645	87.72049	87.29611	29.13991	10.87364	59.98644	31.03718	28.94927	23.86093	-9999
2436.41	2437.83	1835.33	80.82429	58.72553	80.8651	80.44888	51.11383	3.011886	45.87429	24.30067	21.57361	25.86299	-9999
2436.415	2437.835	1835.335	75.95207	62.50869	75.66643	75.44607	57.21072	1.07931	41.70997	17.18069	24.52928	26.37704	-9999
2436.42	2437.84	1835.34	73.99338	74.18452	73.89545	73.98522	54.73242	1.759081	43.5085	29.30606	14.20244	25.58373	-9999
2436.425	2437.845	1835.345	74.2627	62.95494	74.05051	73.34865	58.0877	0.852236	41.06007	26.47986	14.58021	26.49683	-9999
2436.43	2437.85	1835.35	70.91662	72.31292	70.65546	68.40297	59.28096	0.697802	40.02124	23.54582	16.47542	26.5616	-9999
2436.435	2437.855	1835.355	70.40246	100.6799	70.17395	68.79471	52.63616	2.565721	44.79812	23.04069	21.75743	24.76687	-9999
2436.44	2437.86	1835.36	71.21042	126.2229	70.5004	69.9536	49.44314	3.685739	46.87112	32.45031	14.4208	23.72744	-9999
2436.445	2437.865	1835.365	72.2877	117.7708	72.61414	73.07117	42.46483	5.040099	52.49507	25.49949	26.99558	23.27819	-9999
2436.45	2437.87	1835.37	75.08698	132.204	75.22572	73.91177	37.85136	6.406862	55.74177	19.80627	35.93551	23.26181	-9999
2436.455	2437.875	1835.375	76.44174	114.1741	76.71106	76.83347	39.95625	5.850834	54.19292	20.12518	34.06774	23.51436	-9999
2436.46	2437.88	1835.38	77.46188	97.1299	77.87811	77.78017	42.00392	5.351747	52.64433	19.2597	33.38463	24.05176	-9999
2436.465	2437.885	1835.385	72.1816	79.06	71.87964	72.71208	56.80063	1.334223	41.86515	18.49325	23.3719	25.52689	-9999

2436.47	2437.89	1835.39	69.17012	55.18215	68.0602	63.77558	71.61129	0	28.38871	6.704802	21.68391	27.01122	-9999
2436.475	2437.895	1835.395	73.12014	51.89187	72.65495	76.25403	63.77684	0	36.22316	9.96164	26.26152	26.08297	6
2436.48	2437.9	1835.4	86.79012	102.4916	87.91636	88.65903	26.62174	12.349	61.02926	43.38997	17.63929	23.73292	6
2436.485	2437.905	1835.405	97.08953	77.32827	97.90564	98.85234	25.63928	17.77992	56.5808	42.12201	14.45879	23.77051	6
2436.49	2437.91	1835.41	99.54604	86.35323	100.0357	100.0031	23.72521	18.83	57.44479	37.72354	19.72124	23.85689	6
2436.495	2437.915	1835.415	96.47744	74.21116	97.14666	98.93395	28.09522	16.07895	55.82582	27.57267	28.25315	23.72299	6
2436.5	2437.92	1835.42	95.50626	63.90739	95.73477	96.55905	34.89768	12.02708	53.07525	18.85067	34.22458	24.35558	6
2436.505	2437.925	1835.425	94.22495	73.14549	94.62485	92.95997	32.51263	12.56408	54.92329	24.53163	30.39167	24.60427	6
2436.51	2437.93	1835.43	99.92146	70.84762	100.1989	99.75007	28.77667	16.71361	54.50973	29.03344	25.47629	24.125	6
2436.515	2437.935	1835.435	98.90947	86.34657	99.58685	99.0074	22.85774	19.41833	57.72393	30.61394	27.10999	23.94507	6
2436.52	2437.94	1835.44	98.36267	62.25559	99.12166	99.39914	28.55832	17.7409	53.70078	28.95273	24.74805	23.97159	6
2436.525	2437.945	1835.445	96.03673	79.45297	96.99975	98.17496	24.95519	17.7272	57.31761	33.63857	23.67905	23.73421	6
2436.53	2437.95	1835.45	94.50243	70.63448	96.11835	95.45729	23.44088	19.23201	57.3271	35.37425	21.95285	24.11263	6
2436.535	2437.955	1835.455	93.2048	73.83818	93.49045	91.32773	34.16902	11.27004	54.56094	24.07769	30.48326	24.78669	6
2436.54	2437.96	1835.46	98.19129	126.8956	98.11784	98.05255	19.52452	16.65	63.82548	37.95661	25.86887	23.92628	6
2436.545	2437.965	1835.465	98.19129	230.2997	98.03622	112.8243	0	23.12479	76.87521	76.87521	0	-9999	6
2436.55	2437.97	1835.47	94.20047	194.2132	96.02857	100.9906	0	28.41584	71.58416	71.58416	0	-9999	6
2436.555	2437.975	1835.475	98.3137	187.6992	101.7169	109.6088	0	44.54105	55.45895	55.45895	0	-9999	6
2436.56	2437.98	1835.48	90.96048	358.7739	94.24127	97.53839	0	43.19503	56.80497	56.80497	0	-9999	6
2436.565	2437.985	1835.485	92.63352	271.1685	92.42133	107.7317	0	21.83674	78.16326	78.16326	0	-9999	6
2436.57	2437.99	1835.49	92.44581	219.4764	89.79343	96.00409	22.39253	7.626749	69.98072	33.63033	36.35039	21.88084	6
2436.575	2437.995	1835.495	89.76079	179.3004	87.07576	84.35808	34.83836	4.696212	60.46542	41.8268	18.63862	23.72719	6
2436.58	2438	1835.5	95.2451	159.5054	93.91483	93.11503	24.08382	10.12965	65.78653	42.00031	23.78621	23.85265	6
2436.585	2438.005	1835.505	98.36267	180.739	100.403	101.3823	0	34.36535	65.63465	65.63465	0	-9999	6
2436.59	2438.01	1835.51	99.59501	168.89	103.0962	104.9977	0	46.68634	53.31366	53.31366	0	-9999	6
2436.595	2438.015	1835.515	96.53457	218.3908	96.9263	104.5244	0	24.23337	75.76663	75.76663	0	-9999	6
2436.6	2438.02	1835.52	94.83704	229.7402	94.11886	103.3165	2.718712	17.78209	79.49919	79.49919	0	-9999	6
2436.605	2438.025	1835.525	92.03776	141.2157	91.00945	83.64806	29.12046	9.106503	61.77303	43.9299	17.84313	25.01775	6
2436.61	2438.03	1835.53	90.9768	125.3437	90.61771	86.08825	28.75112	10.44842	60.80046	27.92394	32.87652	24.57174	6
2436.615	2438.035	1835.535	91.6705	154.117	90.12804	83.63174	30.3209	7.673789	62.00531	40.74556	21.25974	24.7412	6
2436.62	2438.04	1835.54	87.45117	92.88717	86.9615	86.34125	40.86118	6.178412	52.96041	21.97013	30.99028	24.6157	6
2436.625	2438.045	1835.545	89.79343	179.8931	90.40552	88.455	9.112218	17.55376	73.33402	54.9072	18.42682	24.62294	6
2436.63	2438.05	1835.55	91.38486	223.9856	90.56058	78.6779	8.109585	15.31276	76.57766	73.88523	2.692428	26.23718	6
2436.635	2438.055	1835.555	88.82225	224.7449	86.69218	85.59042	20.4033	9.653238	69.94346	36.37723	33.56623	22.88868	6
2436.64	2438.06	1835.56	85.84342	232.7907	81.94237	76.26219	34.92179	4.738849	60.33936	34.00963	26.32973	23.0106	6
2436.645	2438.065	1835.565	98.55038	240.9698	96.64066	93.36803	5.81926	13.56591	80.61483	70.4702	10.14462	-9999	6
2436.65	2438.07	1835.57	107.1441	125.5502	108.6784	110.5555	0	41.88185	58.11815	58.11815	0	-9999	6
2436.655	2438.075	1835.575	93.04974	273.5995	92.0704	97.39149	0	18.65965	81.34035	81.34035	0	-9999	6
2436.66	2438.08	1835.58	89.79343	315.6739	88.47948	97.01608	0	18.97675	81.02325	81.02325	0	-9999	6
2436.665	2438.085	1835.585	92.14385	240.3371	98.48509	104.5978	0	54.76622	45.23378	45.23378	0	-9999	6
2436.67	2438.09	1835.59	99.49708	103.8703	101.7577	103.1533	5.806057	32.56713	61.62681	49.45308	12.17373	-9999	6
2436.675	2438.095	1835.595	96.26525	163.535	99.2196	99.83168	0	36.05443	63.94557	63.94557	0	-9999	6
2436.68	2438.1	1835.6	98.34635	107.8067	99.86433	102.8187	11.6678	25.83721	62.49498	47.79779	14.69719	23.52548	6
2436.685	2438.105	1835.605	101.4394	54.40287	102.2719	103.7817	27.05881	21.35229	51.5889	27.33186	24.25704	23.47688	6
2436.69	2438.11	1835.61	101.5374	46.9631	101.6679	102.9656	34.20856	15.68686	50.10458	27.86753	22.23705	24.15478	6
2436.695	2438.115	1835.615	102.7697	88.83094	101.317	94.4453	35.21313	7.829011	56.95786	26.72968	30.22818	26.13482	6
2436.7	2438.12	1835.62	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2437	2438.422	1835.922	83.88473	165.2134	81.79547	80.97935	39.03618	5.20344	55.76038	20.35011	35.41027	23.1925	-9999
2437.005	2438.428	1835.928	74.74421	112.0694	73.78935	72.80185	51.51469	2.889632	45.59568	19.70082	25.89486	24.58901	-9999
2437.01	2438.434	1835.934	69.78221	72.47944	68.37033	63.69397	69.20244	0	30.79756	17.80026	12.9973	27.26355	-9999
2437.015	2438.44	1835.94	73.58532	66.00544	72.81817	71.64296	62.27361	0	37.72639	22.44349	15.2829	27.09464	-9999
2437.02	2438.446	1835.946	71.79802	92.73398	70.11682	65.32621	64.53352	0	35.46648	23.02244	12.44404	27.56772	-9999
2437.025	2438.452	1835.952	70.3535	56.01471	69.03955	66.43613	71.90234	0	28.09766	8.321869	19.77579	26.69627	-9999
2437.03	2438.458	1835.958	77.61695	213.1756	74.27902	69.71692	42.87282	5.463274	51.66391	21.65979	30.00412	22.54872	-9999
2437.035	2438.464	1835.964	84.78246	230.2664	84.45602	82.11376	8.805627	14.97266	76.22171	68.60277	7.618943	23.95053	-9999
2437.04	2438.47	1835.97	103.7327	408.6942	97.9791	96.73043	0	0.358827	99.64117	99.64117	0	-9999	-9999
2437.045	2438.476	1835.976	81.56696	493.2158	73.15278	68.607	10.81005	13.88057	75.30938	58.31287	16.99651	18.68555	-9999
2437.05	2438.482	1835.982	78.06581	252.4259	73.17726	69.8067	44.97864	5.218963	49.8024	21.82778	27.97462	21.66264	-9999
2437.055	2438.488	1835.988	79.37976	371.209	73.51187	71.15329	22.61418	11.15895	66.22687	39.16941	27.05746	19.15761	-9999
2437.06	2438.494	1835.994	85.76181	573.1617	73.40578	68.01124	18.15324	8.761575	73.08519	47.32953	25.75566	17.02781	-9999
2437.065	2438.5	1836	83.90106	451.1615	76.08265	68.43562	14.22263	10.83865	74.93872	57.28133	17.65738	20.09105	-9999
2437.07	2438.506	1836.006	84.41521	277.3427	80.3591	77.34763	26.65589	7.553942	65.79017	35.89625	29.89392	21.60973	-9999
2437.075	2438.512	1836.012	78.83296	221.4546	74.19741	71.75722	49.80719	3.450406	46.74241	25.96746	20.77495	22.69154	-9999
2437.08	2438.518	1836.018	77.09463	189.9172	73.46291	70.76972	51.25886	3.382283	45.35886	26.29298	19.06588	23.38216	-9999
2437.085	2438.524	1836.024	75.39711	186.8866	71.47158	69.60267	55.83094	2.810442	41.35862	22.8223	18.53632	23.702	-9999
2437.09	2438.529	1836.029	77.2905	155.0029	73.69958	71.14513	59.21167	1.085977	39.70235	10.77582	28.92654	25.27353	-9999
2437.095	2438.535	1836.035	75.93574	219.2433	71.28387	63.3104	53.13426	3.74638	43.11936	23.70116	19.41821	23.79164	-9999
2437.1	2438.541	1836.041	78.6779	146.9703	76.86612	74.83398	46.09082	4.092218	49.81696	22.07135	27.74561	23.79473	-9999
2437.105	2438.547	1836.047	73.06301	90.92899	71.70009	71.02271	61.33983	0.512369	38.1478	22.83947	15.30833	26.34217	-9999
2437.11	2438.553	1836.053	73.17726	80.78507	71.39813	68.99058	66.91525	0	33.08475	22.54715	10.53761	26.84335	-9999
2437.115	2438.559	1836.059	78.36778	248.323	74.03419	68.46826	41.39278	5.901787	52.70543	23.76213	28.9433	21.97954	-9999
2437.12	2438.565	1836.065	79.72253	256.0025	74.90744	72.76104	42.01966	5.27293	52.70741	19.5535	33.15391	21.3849	-9999
2437.125	2438.571	1836.071	73.15278	104.7362	71.61032	69.43944	59.30738	1.157914	39.53471	20.4786	19.05611	25.95757	-9999

2437.13	2438.577	1836.077	70.70443	55.43525	69.92095	65.08953	67.60852	0	32.39148	21.95205	10.43943	27.23583	-9999
2437.135	2438.583	1836.083	66.4851	43.77273	66.30555	64.82021	69.63219	0	30.36781	18.41652	11.95128	26.23581	-9999
2437.14	2438.589	1836.089	65.7914	32.82955	65.56288	63.02475	73.29814	0	26.70186	17.2974	9.404457	26.28408	-9999
2437.145	2438.595	1836.095	67.61134	69.69535	66.20762	66.90132	71.81015	0	28.18985	24.21909	3.970762	26.26464	-9999
2437.15	2438.601	1836.101	71.03904	70.47463	69.39048	68.36217	70.36556	0	29.63444	21.49253	8.141916	26.50686	-9999
2437.155	2438.607	1836.107	80.96303	128.2877	78.6779	75.797	52.17816	1.970401	45.85144	22.49881	23.35263	25.18458	-9999
2437.16	2438.613	1836.113	89.97298	85.77377	88.78144	86.85541	45.70199	3.98407	50.31394	31.70403	18.60992	25.57908	-9999
2437.165	2438.619	1836.119	82.42388	43.88596	81.62409	80.11427	59.74804	0.263568	39.98839	13.94234	26.04605	27.80654	-9999
2437.17	2438.625	1836.125	86.96966	58.63228	87.05127	89.24663	45.16641	5.686109	49.14748	16.10293	33.04456	24.91864	-9999
2437.175	2438.631	1836.131	85.38639	78.10755	85.62307	85.68019	40.70827	6.773013	52.51872	35.55979	16.95893	24.58017	-9999
2437.18	2438.637	1836.137	81.90973	100.0672	80.64475	78.84929	50.23041	2.703163	47.06643	16.6446	30.42182	25.33086	-9999
2437.185	2438.643	1836.143	82.48917	80.51199	81.39557	79.04515	53.10145	1.957834	44.94072	24.05444	20.88628	26.2072	-9999
2437.19	2438.649	1836.149	80.77532	74.43762	80.2122	79.69805	52.03699	2.50227	45.46074	24.01504	21.4457	25.71408	-9999
2437.195	2438.655	1836.155	81.09361	100.8398	79.70621	78.6779	51.743	2.294192	45.9628	29.71161	16.25119	25.30945	-9999
2437.2	2438.661	1836.161	94.95946	98.76172	94.70646	94.24127	30.69768	11.40807	57.89424	35.55258	22.34167	24.19136	-9999
2437.205	2438.667	1836.167	88.65903	47.88225	88.78961	88.19384	45.8342	6.008136	48.15766	19.08298	29.07468	25.69637	-9999
2437.21	2438.673	1836.173	79.95921	48.2952	79.64908	79.27367	57.15356	1.137704	41.70874	15.42701	26.28173	26.90058	-9999
2437.215	2438.679	1836.179	77.37211	47.85561	77.68224	75.61746	54.83313	1.757882	43.40899	24.08804	19.32095	26.71623	-9999
2437.22	2438.685	1836.185	77.80465	54.0099	77.47005	74.70341	57.94254	0.869062	41.1884	21.31602	19.87238	27.24248	-9999
2437.225	2438.691	1836.191	74.78502	51.29242	74.80134	74.41776	58.65852	0.625876	40.7156	26.08477	14.63084	26.80543	-9999
2437.23	2438.697	1836.197	72.18976	65.3727	71.28387	71.49606	64.78588	0	35.21412	24.1334	11.08072	26.55092	-9999
2437.235	2438.703	1836.203	72.84266	73.91144	72.08367	70.14947	60.98036	0.341203	38.67844	10.12112	28.55732	26.87745	-9999
2437.24	2438.708	1836.208	77.13544	131.7311	75.96023	71.35732	46.26434	4.185366	49.55029	24.84861	24.70169	24.4741	-9999
2437.245	2438.714	1836.214	72.05918	99.52768	70.83501	69.93728	59.10723	1.19565	39.69712	13.05627	26.64086	25.72422	-9999
2437.25	2438.72	1836.22	73.28336	105.5687	71.53687	72.01838	60.56699	0.891181	38.54183	19.62128	18.92054	25.67318	-9999
2437.255	2438.726	1836.226	71.0472	65.07297	70.49224	68.3132	63.18986	0	36.81014	11.58806	25.22208	27.09765	-9999
2437.26	2438.732	1836.232	66.06071	44.84507	66.07704	64.12651	68.24514	0	31.75486	21.27987	10.47499	26.3014	-9999
2437.265	2438.738	1836.238	63.92248	41.09521	63.34304	61.58839	75.73696	0	24.26304	13.35614	10.90689	26.30323	-9999
2437.27	2438.744	1836.244	64.21629	22.16611	64.30606	65.11402	74.86108	0	25.13892	7.011006	18.12792	25.42155	-9999
2437.275	2438.75	1836.25	65.90565	32.54315	65.74243	64.15916	72.75634	0	27.24366	23.11188	4.13178	26.09283	-9999
2437.28	2438.756	1836.256	66.01175	75.05039	64.12651	63.07372	75.71755	0	24.28245	15.29232	8.990122	26.87267	-9999
2437.285	2438.762	1836.262	64.97528	89.81669	63.62868	63.57155	68.92322	0	31.07678	14.19592	16.88086	26.6922	-9999
2437.29	2438.768	1836.268	63.66133	56.31443	63.66133	62.30657	67.80349	0	32.19651	16.49279	15.70372	26.1757	-9999
2437.295	2438.774	1836.274	65.01608	40.64896	64.64067	64.85286	73.25762	0	26.74238	21.24031	5.502077	25.85175	-9999
2437.3	2438.78	1836.28	66.94212	60.59712	67.01557	67.42363	63.1795	0	36.8205	6.554337	30.26616	26.29343	-9999
2437.305	2438.786	1836.286	67.83169	80.6785	67.25225	63.88984	62.56134	0.291861	37.1468	21.14086	16.00594	26.92271	-9999
2437.31	2438.792	1836.292	67.7664	100.8731	66.77074	63.4573	60.96002	1.101756	37.93823	17.75397	20.18426	26.13122	-9999
2437.315	2438.798	1836.298	65.31805	76.50903	62.91866	61.39252	79.98746	0	20.01254	6.691411	13.32113	27.38363	-9999
2437.32	2438.804	1836.304	66.71361	50.67966	65.75875	64.65699	73.75915	0	26.24085	10.90987	15.33098	26.35798	-9999
2437.325	2438.81	1836.31	65.23643	30.55832	64.75493	63.22062	76.31907	0	23.68093	6.626538	17.0544	26.17167	-9999
2437.33	2438.816	1836.316	63.80823	38.66414	63.66133	62.70647	73.07819	0	26.92181	20.10826	6.813542	25.93388	-9999
2437.335	2438.822	1836.322	64.32238	47.74238	63.74294	61.39252	73.76044	0	26.23956	9.874781	16.36478	26.44289	-9999
2437.34	2438.828	1836.328	66.15865	41.08855	66.00359	66.05255	70.39235	0	29.60765	22.37024	7.237414	25.89146	-9999
2437.345	2438.834	1836.334	66.70545	34.15499	66.2321	64.70596	74.03393	0	25.96607	9.09094	16.87513	26.20007	-9999
2437.35	2438.84	1836.34	66.53406	36.73925	66.16681	64.48561	72.74397	0	27.25603	6.897795	20.35823	26.21706	-9999
2437.355	2438.846	1836.346	63.645	43.43305	64.1918	64.86918	66.69811	0	33.30189	14.47962	18.82228	25.53722	-9999
2437.36	2438.852	1836.352	61.44149	38.69744	61.45781	61.84954	73.98255	0	26.01745	23.55445	2.462991	25.54607	-9999
2437.365	2438.858	1836.358	63.23695	38.12464	62.95947	62.30657	74.74632	0	25.25368	17.32844	7.925236	25.92356	-9999
2437.37	2438.864	1836.364	62.9513	29.83233	62.9105	64.03674	75.18162	0	24.81838	22.68054	2.137841	25.42454	-9999
2437.375	2438.87	1836.37	62.97579	28.38034	62.72279	61.7108	77.15496	0	22.84504	15.5844	7.260648	25.94648	-9999
2437.38	2438.876	1836.376	61.09872	30.75148	60.64169	60.94365	79.88928	0	20.11072	14.21064	5.900079	25.92051	-9999
2437.385	2438.882	1836.382	62.2576	37.86488	61.50677	61.60471	79.37863	0	20.62137	12.94829	7.673083	26.14044	-9999
2437.39	2438.887	1836.387	64.79573	42.98679	63.93065	63.00843	76.68953	0	23.31047	6.590276	16.72019	26.29415	-9999
2437.395	2438.893	1836.393	64.01226	64.60674	61.98828	59.55625	81.15968	0	18.84032	15.43884	3.401476	27.47013	-9999
2437.4	2438.899	1836.399	64.8855	74.41098	63.07372	59.14003	76.33919	0	23.66081	21.16537	2.49544	27.46469	-9999
2437.405	2438.905	1836.405	66.04439	78.72697	65.20379	62.77176	66.70189	0	33.29811	5.929225	27.36888	26.92723	-9999
2437.41	2438.911	1836.411	63.71846	56.40102	62.85337	62.9105	74.43439	0	25.56561	5.818962	19.74665	26.19198	-9999
2437.415	2438.917	1836.417	63.22062	50.10019	62.60853	61.00894	74.45647	0	25.54353	21.9925	3.551038	26.33862	-9999
2437.42	2438.923	1836.423	61.61287	32.60975	60.82124	59.17268	81.55977	0	18.44023	13.47385	4.966385	26.56848	1
2437.425	2438.929	1836.429	61.63735	70.40136	59.99696	56.92835	78.96959	0	21.03041	17.71719	3.313222	27.50012	1
2437.43	2438.935	1836.435	59.67051	50.85283	58.22598	56.54478	83.99185	0	16.00815	13.24098	2.76717	27.38843	1
2437.435	2438.941	1836.441	62.64118	64.36696	60.96814	58.99313	79.75939	0	20.24061	7.621304	12.61931	27.23362	1
2437.44	2438.947	1836.447	59.00945	26.47544	58.16069	57.64654	85.88216	0	14.11784	14.11784	0	26.74621	1
2437.445	2438.953	1836.453	58.48714	33.54888	57.82608	56.29994	83.19619	0	16.80381	15.47898	1.324837	26.65792	1
2437.45	2438.959	1836.459	60.08673	52.98419	58.76462	56.90387	82.1444	0	17.8556	13.62806	4.227541	27.19868	1
2437.455	2438.965	1836.465	64.72228	73.312	64.151	62.54324	67.14144	0	32.85856	8.864002	23.99456	26.62037	1
2437.46	2438.971	1836.471	67.15431	31.25101	66.57487	65.48943	75.14598	0	24.85402	13.38279	11.47123	26.14086	1
2437.465	2438.977	1836.477	70.84317	47.36939	70.28005	69.60267	67.72509	0	32.27491	8.910511	23.3644	26.43124	1
2437.47	2438.983	1836.483	72.06734	46.15719	71.33284	68.90081	68.22043	0	31.77957	18.13725	13.64232	26.76784	1
2437.475	2438.989	1836.489	71.66745	46.16385	71.4879	69.57002	64.28578	0	35.71422	8.976292	26.73793	26.95901	1
2437.48	2438.995	1836.495	70.32085	34.861	69.97808	68.55804	69.52492	0	30.47508	16.11111	14.36397	26.40772	1
2437.485	2439.001	1836.501	72.86714	52.91092	72.05102	71.3818	66.4827	0	33.5173	13.43716	20.08014	26.58409	1
2437.49	2439.007	1836.507	75.04618	54.82914	74.38512	72.1816	62.81205	0	37.18795	16.16007	21.02788	27.32063	1

2437.495	2439.013	1836.513	74.89111	56.08131	74.20557	73.09565	62.84143	0	37.15857	24.06138	13.09719	27.09866	1
2437.5	2439.019	1836.519	75.54401	72.77916	74.01787	73.52003	64.71455	0	35.28545	18.71657	16.56888	26.57847	1
2437.505	2439.025	1836.525	74.05867	32.44324	73.36497	71.92044	69.39094	0	30.60906	7.083156	23.52591	26.59216	1
2437.51	2439.031	1836.531	72.17344	49.63396	71.16145	70.29637	69.43191	0	30.56809	10.57946	19.98863	26.41134	1
2437.515	2439.037	1836.537	72.6223	42.06099	71.53687	71.20226	71.42086	0	28.57914	8.515023	20.06412	26.21369	1
2437.52	2439.043	1836.543	74.23006	76.48239	72.54885	71.87964	66.22894	0	33.77106	24.85402	8.91704	26.50959	1
2437.525	2439.049	1836.549	76.98854	91.54175	75.83781	74.07499	55.93557	1.498278	42.56615	15.17992	27.38623	25.91741	1
2437.53	2439.055	1836.555	77.42924	148.0027	74.30351	72.6223	57.17287	1.470604	41.35653	11.65954	29.69699	24.94004	1
2437.535	2439.061	1836.561	72.68759	71.89997	70.78604	69.78221	70.46467	0	29.53533	11.40908	18.12625	26.40208	1
2437.54	2439.066	1836.566	74.36064	57.54662	72.7284	70.91662	70.31176	0	29.68824	14.72713	14.9611	26.45516	1
2437.545	2439.072	1836.572	72.26321	52.35144	70.72075	69.35783	72.80289	0	27.19711	17.19343	10.00368	26.37491	1
2437.55	2439.078	1836.578	72.8753	47.16958	71.594	70.05153	71.4698	0	28.5302	9.831095	18.6991	26.42873	1
2437.555	2439.084	1836.584	72.76104	43.63952	72.4346	73.63429	65.02904	0	34.97096	8.205751	26.76521	26.39135	1
2437.56	2439.09	1836.59	69.61083	48.74812	69.75773	70.75339	63.02251	0	36.97749	23.17878	13.79871	26.35033	1
2437.565	2439.096	1836.596	69.86382	45.58438	69.32519	68.59884	68.8683	0	31.1317	9.771014	21.36068	26.33459	1
2437.57	2439.102	1836.602	68.19894	50.9927	67.34202	66.72177	71.5579	0	28.4421	13.06405	15.37805	26.2625	1
2437.575	2439.108	1836.608	68.88448	69.37565	67.92146	64.70596	67.30077	0	32.69923	17.10786	15.59137	27.00748	1
2437.58	2439.114	1836.614	70.62281	42.42731	69.78221	68.32952	71.27426	0	28.72574	16.42686	12.29888	26.40748	1
2437.585	2439.12	1836.62	70.17395	39.83638	69.65163	69.4068	69.84751	0	30.15249	19.02746	11.12503	26.19449	1
2437.59	2439.126	1836.626	68.73758	30.60494	68.03572	66.72177	74.79446	0	25.20554	6.790317	18.41523	26.23243	1
2437.595	2439.132	1836.632	68.37849	36.87913	67.56237	66.19945	74.49196	0	25.50804	21.38514	4.122901	26.28784	1
2437.6	2439.138	1836.638	69.88015	57.36013	68.37033	66.62384	73.53021	0	26.46979	11.9659	14.50389	26.55023	1
2437.605	2439.144	1836.644	68.68861	34.93426	68.59068	68.11733	69.11137	0	30.88863	8.208586	22.68004	26.12542	1
2437.61	2439.15	1836.65	72.09999	36.68597	71.95309	71.00639	65.92849	0	34.07151	9.201279	24.87023	26.67215	1
2437.615	2439.156	1836.656	72.0347	40.86876	72.00205	71.95309	64.09083	0	35.90917	14.68924	21.21993	26.66652	1
2437.62	2439.162	1836.662	71.70009	44.00585	71.43893	71.18594	65.41047	0	34.58953	12.71803	21.87149	26.55314	1
2437.625	2439.168	1836.668	69.41496	30.85804	68.94977	68.14998	72.27579	0	27.72421	17.51803	10.20618	26.15336	1
2437.63	2439.174	1836.674	70.77788	54.07651	69.73325	68.88448	69.89373	0	30.10627	7.393397	22.71287	26.39509	1
2437.635	2439.18	1836.68	68.97426	47.94886	68.25607	66.24026	70.50599	0	29.49401	11.00557	18.48844	26.51538	1
2437.64	2439.186	1836.686	68.72126	49.90038	68.61516	68.23975	65.52279	0	34.47721	6.310603	28.16661	26.36656	1
2437.645	2439.192	1836.692	70.67994	93.80632	69.37415	66.5259	62.39319	0.523887	37.08292	19.33118	17.75175	26.68207	1
2437.65	2439.198	1836.698	71.73274	57.10037	70.59017	69.17012	69.04248	0	30.95752	5.019913	25.93761	26.54608	1
2437.655	2439.204	1836.704	71.74906	35.6869	71.12881	68.78655	70.16157	0	29.83843	12.73506	17.10336	26.62374	1
2437.66	2439.21	1836.71	72.54885	49.65394	71.7409	70.17395	67.50047	0	32.49953	8.152812	24.34672	26.66584	1
2437.665	2439.216	1836.716	67.99491	43.47967	67.45628	66.24026	71.09704	0	28.90296	13.5313	15.37165	26.27623	1
2437.67	2439.222	1836.722	68.51723	46.80325	67.23592	66.28923	75.56788	0	24.43212	14.71647	9.715649	26.35615	1
2437.675	2439.228	1836.728	74.27902	40.42251	73.87097	72.33666	65.04351	0	34.95649	9.874116	25.08237	26.99936	1
2437.68	2439.234	1836.734	67.7256	44.55867	66.64016	66.09336	75.32139	0	24.67861	17.96675	6.711855	26.24143	1
2437.685	2439.24	1836.74	72.19792	55.51517	70.91662	69.32519	70.07336	0	29.92664	6.407709	23.51893	26.51922	1
2437.69	2439.245	1836.745	75.02985	56.37438	73.48739	70.80236	69.28403	0	30.71597	9.777835	20.93814	26.65757	1
2437.695	2439.251	1836.751	76.01736	69.92847	74.64628	71.39813	63.7672	0	36.2328	10.2128	26.02	27.20995	1
2437.7	2439.257	1836.757	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2438.01	2439.627	1837.127	75.54401	88.26479	73.41394	72.02654	65.64746	0	34.35254	21.36189	12.99065	26.51305	1
2438.015	2439.633	1837.133	75.6093	87.89847	74.38512	71.06352	58.65539	0.891901	40.45271	24.98337	15.46934	26.61057	1
2438.02	2439.639	1837.139	72.63047	99.72083	69.92095	65.23643	70.04625	0	29.95375	15.04507	14.90868	27.19078	1
2438.025	2439.645	1837.145	71.98573	92.15452	69.79037	65.95462	68.48576	0	31.51424	7.006914	24.50733	27.13391	1
2438.03	2439.651	1837.151	70.10866	83.729	68.80287	64.06939	65.35748	0	34.64252	14.07392	20.5686	27.49434	1
2438.035	2439.657	1837.157	69.61083	87.03926	67.85617	65.27724	68.4931	0	31.5069	10.29622	21.21068	27.02479	1
2438.04	2439.663	1837.163	67.78272	56.53423	66.56671	64.12651	73.38274	0	26.61726	18.56636	8.050905	26.68523	1
2438.045	2439.669	1837.169	67.52157	87.55878	66.83603	64.47744	62.00386	0.574455	37.42168	9.592097	27.82959	26.43877	1
2438.05	2439.675	1837.175	66.15865	40.11612	65.67714	64.60802	73.15764	0	26.84236	5.127508	21.71485	26.13665	1
2438.055	2439.681	1837.181	66.90132	42.17421	66.50958	65.80772	71.28059	0	28.71941	23.15635	5.563065	26.10029	1
2438.06	2439.687	1837.187	68.08469	48.34183	67.44812	66.34636	70.5968	0	29.4032	4.952893	24.45031	26.3101	1
2438.065	2439.693	1837.193	63.97145	37.37866	63.38385	64.32238	76.65457	0	23.34543	23.30226	0.043175	25.79189	1
2438.07	2439.699	1837.199	64.53457	38.27783	63.93065	63.93881	76.0454	0	23.9546	17.70262	6.25198	25.96602	1
2438.075	2439.705	1837.205	67.68479	72.09979	65.54656	64.35503	76.85312	0	23.14688	16.95107	6.195802	26.8349	1
2438.08	2439.711	1837.211	71.1941	172.7797	66.89315	61.49045	66.02104	1.707086	32.27187	17.26726	15.00462	25.99471	1
2438.085	2439.717	1837.217	71.14513	137.0196	67.35018	63.73478	70.7986	0	29.2014	14.60097	14.60043	27.54516	1
2438.09	2439.723	1837.223	67.88066	83.9155	65.88117	63.8572	72.73829	0	27.26171	10.63322	16.62849	26.97962	1
2438.095	2439.729	1837.229	69.45577	93.30012	66.79522	64.80389	74.14129	0	25.85871	14.16864	11.69007	27.0228	1
2438.1	2439.735	1837.235	68.40297	87.91179	66.54222	63.74294	70.21542	0	29.78458	17.89541	11.88917	27.1139	1
2438.105	2439.741	1837.241	68.98242	63.42117	68.42746	67.65214	65.4892	0	34.5108	19.39431	15.11649	26.5686	1
2438.11	2439.747	1837.247	68.19078	74.4909	67.04822	65.55472	68.09256	0	31.90744	15.00459	16.90285	26.7145	1
2438.115	2439.753	1837.253	69.06403	53.83007	67.85617	65.52208	72.79509	0	27.20491	19.75901	7.445899	26.62436	1
2438.12	2439.759	1837.259	68.72126	63.16141	67.52157	64.05306	70.78901	0	29.21099	20.37677	8.834224	26.92618	4
2438.125	2439.765	1837.265	63.3512	43.51963	62.64118	61.44149	76.68782	0	23.31218	18.58037	4.731808	26.28938	4
2438.13	2439.771	1837.271	66.95028	85.54065	65.67714	67.48892	67.57177	0	32.42823	23.0707	9.357525	26.25737	4
2438.135	2439.776	1837.276	66.26474	98.67514	64.59986	63.52259	68.05988	0	31.94012	12.96275	18.97737	27.01829	4
2438.14	2439.782	1837.282	66.06071	99.87403	64.15916	62.22496	69.79168	0	30.20832	5.657381	24.55094	27.23216	4
2438.145	2439.788	1837.288	68.23975	90.98893	67.12167	67.25225	63.86524	0.32786	35.8069	26.54126	9.265641	26.28812	4
2438.15	2439.794	1837.294	67.84801	31.53741	68.36217	69.23541	65.96308	0	34.03692	10.06254	23.97438	25.86068	4
2438.155	2439.8	1837.3	68.14182	34.44805	68.13365	68.50091	69.03635	0	30.96365	16.63548	14.32817	25.91449	4
2438.16	2439.806	1837.306	68.90081	65.67908	67.74192	66.14233	69.6983	0	30.3017	23.12565	7.176052	26.61543	4

2438.165	2439.812	1837.312	68.19894	95.03185	66.57487	66.06071	66.84585	0	33.15415	6.164302	26.98985	26.81872	4
2438.17	2439.818	1837.318	67.35834	62.80841	66.10968	64.9916	72.50781	0	27.49219	13.38044	14.11175	26.50421	4
2438.175	2439.824	1837.324	63.44914	37.27875	63.02475	62.87785	75.89429	0	24.10571	20.25665	3.849062	25.9003	4
2438.18	2439.83	1837.33	63.95513	47.84229	64.73044	65.38334	63.57478	0	36.42522	16.196	20.22922	25.68587	4
2438.185	2439.836	1837.336	65.75875	62.98158	66.72177	67.63582	56.79701	0.732389	42.4706	13.19201	29.27859	25.49749	4
2438.19	2439.842	1837.342	62.92682	52.51795	62.35554	61.39252	73.82542	0	26.17458	9.500274	16.6743	26.20806	4
2438.195	2439.848	1837.348	63.29407	49.27429	63.26959	62.93498	70.03482	0	29.96518	19.51606	10.44912	25.85574	4
2438.2	2439.854	1837.354	63.7511	46.93646	64.17548	63.74294	66.70141	0	33.29859	12.38428	20.91432	25.81168	4
2438.205	2439.86	1837.36	64.75493	51.08595	65.1385	64.65699	65.08996	0	34.91004	15.48387	19.42617	26.01948	4
2438.21	2439.866	1837.366	68.38665	85.04778	66.57487	62.66566	70.54403	0	29.45597	22.17235	7.283618	27.28147	4
2438.215	2439.872	1837.372	70.5004	175.9834	70.15763	68.73758	35.20811	7.491666	57.30022	35.10955	22.19068	21.98143	4
2438.22	2439.878	1837.378	66.39532	121.6139	64.80389	58.7483	61.81933	1.640964	36.5397	18.24086	18.29884	26.15373	4
2438.225	2439.884	1837.384	70.26372	58.98529	69.87199	65.70162	64.1189	0	35.8811	20.24092	15.64018	27.31574	4
2438.23	2439.89	1837.39	74.23006	74.98378	72.40195	70.48407	67.73008	0	32.26992	22.79502	9.474898	26.6066	4
2438.235	2439.896	1837.396	75.15227	88.09828	73.36497	69.88831	63.39169	0	36.60831	13.07328	23.53503	27.20092	4
2438.24	2439.902	1837.402	77.09463	123.0925	74.90744	70.86765	56.23533	1.578963	42.18571	13.39291	28.7928	25.72298	4
2438.245	2439.908	1837.408	73.90361	70.59452	72.60598	69.45577	64.98142	0	35.01858	14.71114	20.30744	27.11905	4
2438.25	2439.914	1837.414	80.08162	80.98488	78.3841	75.26653	59.88239	0.059456	40.05815	19.07386	20.9843	27.27194	4
2438.255	2439.92	1837.42	78.39226	56.87391	78.12294	76.40093	56.20286	1.366842	42.4303	22.29613	20.13417	26.73026	4
2438.26	2439.926	1837.426	80.08979	71.18064	79.06964	77.87811	56.99783	0.991984	42.01019	25.05877	16.95142	26.59539	4
2438.265	2439.932	1837.432	85.05178	92.06793	83.95819	85.18236	47.94731	3.356199	48.6965	17.57637	31.12012	24.83735	4
2438.27	2439.938	1837.438	83.41139	79.21985	82.35043	80.88958	52.31271	2.176006	45.51128	16.57474	28.93655	26.00161	4
2438.275	2439.944	1837.444	81.13442	49.70723	80.51417	77.31498	58.13412	0.785102	41.08077	22.32114	18.75963	27.62431	4
2438.28	2439.95	1837.45	84.70901	73.06556	84.00715	84.72534	49.82527	3.173996	47.00074	23.31131	23.68942	25.43593	4
2438.285	2439.955	1837.455	86.23516	110.3044	85.01098	84.31728	43.45738	4.478771	52.06385	19.42942	32.63443	24.52667	4
2438.29	2439.961	1837.461	88.14487	193.7603	85.25581	83.06046	34.40693	4.957807	60.63526	34.86126	25.774	23.22372	4
2438.295	2439.967	1837.467	87.44301	237.4198	86.47999	86.61057	9.560246	14.27143	76.16833	68.38528	7.783046	23.42463	4
2438.3	2439.973	1837.473	92.53559	383.2712	88.76512	92.60088	0	14.21979	85.78021	85.78021	0	-9999	4
2438.305	2439.979	1837.479	82.92172	250.7274	80.77532	74.09948	19.67051	10.73015	69.59933	35.95399	33.64535	23.00937	4
2438.31	2439.985	1837.485	77.2905	162.023	76.68657	87.95716	34.3636	7.451628	58.18477	28.03584	30.14893	20.37643	4
2438.315	2439.991	1837.491	70.46775	95.75784	69.32519	62.99211	60.85115	0.871374	38.27747	25.43714	12.84034	26.98056	4
2438.32	2439.997	1837.497	71.17778	87.17913	70.95742	68.78655	55.12682	1.816436	43.05674	31.22116	11.83558	25.57345	4
2438.325	2440.003	1837.503	72.38563	67.15105	71.61848	70.22292	63.10009	0	36.89991	18.37415	18.52576	26.99842	4
2438.33	2440.009	1837.509	72.1816	77.59469	70.19027	65.93014	70.24781	0	29.75219	10.48262	19.26957	27.05908	4
2438.335	2440.015	1837.515	73.24255	101.5258	71.38997	67.2196	62.40516	0.441356	37.15349	28.2803	8.873185	26.9425	4
2438.34	2440.021	1837.521	70.51672	136.1004	66.68913	62.35554	71.85217	0	28.14783	8.160794	19.98704	27.79908	4
2438.345	2440.027	1837.527	72.12447	158.2865	68.94977	64.51825	59.94407	2.215101	37.84083	22.72152	15.1193	25.12913	4
2438.35	2440.033	1837.533	73.83016	212.6761	70.91662	65.08953	43.1886	6.257495	50.55391	33.66588	16.88802	22.41996	4
2438.355	2440.039	1837.539	73.74855	217.2518	70.03521	62.97579	48.35476	5.324249	46.32099	27.87365	18.44734	22.90393	4
2438.36	2440.045	1837.545	71.15329	201.653	67.75824	59.21348	52.05061	4.863502	43.08589	24.96467	18.12122	23.65676	4
2438.365	2440.051	1837.551	66.69729	160.0982	64.52641	58.97681	56.71902	3.580761	39.70022	30.50281	9.197409	24.31407	4
2438.37	2440.057	1837.557	71.22674	257.1748	67.10535	62.1107	44.17592	7.635636	48.18844	21.29233	26.89611	20.99958	4
2438.375	2440.063	1837.563	76.91509	421.7088	69.46393	67.58686	24.93106	12.81333	62.25561	39.46216	22.79345	17.3559	4
2438.38	2440.069	1837.569	77.20073	285.4352	72.30402	65.75875	37.8495	7.594873	54.55563	23.41594	31.13969	21.06311	4
2438.385	2440.075	1837.575	70.33717	101.7323	68.67229	66.24026	63.57341	0.50627	35.92032	11.02921	24.89111	26.60311	4
2438.39	2440.081	1837.581	67.93779	47.22286	67.28489	65.93014	71.12924	0	28.87076	13.25367	15.61709	26.33432	4
2438.395	2440.087	1837.587	70.36982	46.8632	70.1005	70.22292	66.0061	0	33.9939	23.0529	10.941	26.34538	4
2438.4	2440.093	1837.593	72.92427	55.04894	72.53253	71.56951	62.62379	0	37.37621	18.9488	18.42741	27.01538	4
2438.405	2440.099	1837.599	73.16094	191.6822	68.93345	66.28923	59.0679	2.886568	38.04553	11.13857	26.90696	23.96516	4
2438.41	2440.105	1837.605	82.43204	540.7584	70.28821	67.63582	27.41373	10.26269	62.32358	30.78843	31.53515	15.61873	4
2438.415	2440.111	1837.611	78.37594	474.9661	68.98242	65.57104	25.75212	12.88165	61.36623	29.78414	31.58209	16.56188	4
2438.42	2440.117	1837.617	84.25199	483.4249	75.86229	69.19461	10.51947	11.62994	77.85059	60.81785	17.03274	19.84173	4
2438.425	2440.123	1837.623	85.24765	470.9831	76.80083	68.45194	13.05712	10.00432	76.93856	64.51801	12.42055	20.23169	4
2438.43	2440.129	1837.629	77.50269	291.2765	72.59782	66.33819	36.22136	7.919168	55.85947	27.5069	28.35258	20.89177	4
2438.435	2440.134	1837.634	68.4193	70.55456	68.66413	65.01608	58.08257	0.841483	41.07595	11.96001	29.11593	26.49541	4
2438.44	2440.14	1837.64	66.99925	32.88283	66.30555	65.52208	75.77922	0	24.22078	10.19858	14.0222	26.11622	4
2438.445	2440.146	1837.646	66.88499	77.82115	65.44046	62.30657	70.82819	0	29.17181	12.07851	17.09331	27.06822	4
2438.45	2440.152	1837.652	71.39813	102.9379	71.2349	69.25174	50.66775	3.015942	46.31631	28.32251	17.9938	24.64602	4
2438.455	2440.158	1837.658	72.0347	108.3795	70.22292	68.38665	61.54156	0.873546	37.5849	11.38501	26.19988	26.09493	4
2438.46	2440.164	1837.664	71.74906	138.5182	70.05153	70.46775	53.62529	3.059438	43.31527	25.75593	17.55934	23.74598	4
2438.465	2440.17	1837.67	78.22904	216.9921	74.07499	70.54936	47.71103	4.139808	48.14916	30.80303	17.34613	22.69219	4
2438.47	2440.176	1837.676	68.28872	101.0196	66.24026	63.37569	68.60317	0	31.39683	13.89082	17.50601	27.30898	4
2438.475	2440.182	1837.682	65.74243	71.45372	64.90999	62.86153	68.67658	0	31.32342	24.73891	6.584506	26.71377	4
2438.48	2440.188	1837.688	68.03572	92.05461	66.84419	66.60751	64.3643	0.282082	35.35362	22.50802	12.8456	26.40686	4
2438.485	2440.194	1837.694	66.25658	109.7915	65.1385	67.15431	61.13954	1.390663	37.4698	11.393	26.0768	24.83173	4
2438.49	2440.2	1837.7	65.74243	177.1557	63.74294	62.49428	52.14134	4.88576	42.9729	24.75352	18.21938	22.44678	4
2438.495	2440.206	1837.706	69.49657	85.77377	68.02756	63.52259	66.69075	0	33.30925	13.45038	19.85887	27.41694	4
2438.5	2440.212	1837.712	68.72126	130.832	65.65266	62.64118	68.89679	0.564758	30.53846	21.00952	9.528938	26.95886	4
2438.505	2440.218	1837.718	71.56951	211.9168	68.11733	61.90667	49.62659	5.461431	44.91198	23.80825	21.10373	22.76803	4
2438.51	2440.224	1837.724	70.66362	215.0006	66.39532	60.09489	56.03864	4.649581	39.31178	25.56326	13.74852	23.35499	4
2438.515	2440.23	1837.73	73.13646	331.2394	67.28489	64.32238	37.90417	10.06405	52.03179	30.87716	21.15463	18.81482	4
2438.52	2440.236	1837.736	69.09667	166.1659	65.70162	64.55906	62.53057	2.541225	34.92821	29.51717	5.41104	24.48376	4
2438.525	2440.242	1837.742	66.54222	87.35231	66.44429	66.10968	58.40089	1.170007	40.42911	29.27843	11.15068	25.40504	4

2438.53	2440.248	1837.748	65.94646	73.28536	65.87301	64.17548	62.16345	0.154665	37.68189	22.04597	15.63592	26.58729	4
2438.535	2440.254	1837.754	72.77737	248.6227	70.20659	68.45194	32.80161	9.210861	57.98753	24.66378	33.32375	20.54126	4
2438.54	2440.26	1837.76	68.17446	75.52328	67.90514	66.55855	61.09009	0.41432	38.49559	11.55667	26.93892	26.42465	4
2438.545	2440.266	1837.766	68.46826	124.1848	67.08902	65.80772	57.64558	2.248261	40.10616	27.95882	12.14733	24.69456	4
2438.55	2440.272	1837.772	67.79905	158.1	65.18747	62.56773	59.6044	2.957275	37.43832	18.86439	18.57393	24.34432	4
2438.555	2440.278	1837.778	68.08469	117.7108	68.03572	68.2071	49.25557	3.549062	47.19537	24.96105	22.23432	23.55142	4
2438.56	2440.284	1837.784	67.92146	107.427	67.34202	66.6728	56.0056	2.11019	41.88421	31.3484	10.53581	24.71824	4
2438.565	2440.29	1837.79	69.46393	94.70549	68.61516	67.24409	59.75237	1.096135	39.15149	24.56605	14.58544	25.82855	4
2438.57	2440.296	1837.796	69.97808	191.176	67.20328	64.03674	50.86029	5.006165	44.13355	15.798	28.33555	22.6801	4
2438.575	2440.302	1837.802	67.15431	201.9527	64.38767	62.20864	50.78695	5.729555	43.48349	25.50435	17.97915	21.96819	4
2438.58	2440.308	1837.808	64.15916	69.24244	62.38818	61.21297	77.94197	0	22.05803	20.48272	1.575309	26.98158	4
2438.585	2440.313	1837.813	64.52641	49.94034	63.42465	60.62537	77.08877	0	22.91123	12.34302	10.56821	26.79013	4
2438.59	2440.319	1837.819	61.60471	44.27893	60.91101	61.24562	77.98435	0	22.01565	15.50555	6.510105	26.05915	4
2438.595	2440.325	1837.825	65.01608	131.1983	62.28209	61.57206	69.62368	0.97743	29.39889	25.77738	3.621504	26.35298	4
2438.6	2440.331	1837.831	66.34636	176.0367	62.44531	59.16452	66.59357	2.760345	30.64609	18.62204	12.02404	25.13768	4
2438.605	2440.337	1837.837	62.2168	100.4402	60.24995	56.0143	73.69707	0	26.30293	17.13919	9.163733	27.96998	4
2438.61	2440.343	1837.843	61.87403	89.21058	59.64603	56.24281	78.75395	0	21.24605	13.52743	7.718613	28.03535	4
2438.615	2440.349	1837.849	62.84521	67.82375	62.82073	63.07372	65.95881	0	34.04119	11.993	22.04819	26.01207	4
2438.62	2440.355	1837.855	60.07857	79.99247	59.21348	54.11274	72.07395	0	27.92605	22.29354	5.632514	27.40407	4
2438.625	2440.361	1837.861	59.96431	85.3475	58.73197	55.52463	73.72936	0	26.27064	22.36694	3.903696	27.34773	4
2438.63	2440.367	1837.867	59.87454	77.32827	58.30759	55.26347	78.34582	0	21.65418	6.267342	15.38684	27.59024	4
2438.635	2440.373	1837.873	63.12269	87.07923	60.94365	57.72815	77.74148	0	22.25852	3.71309	18.54543	27.79138	4
2438.64	2440.379	1837.879	64.99976	116.1456	62.15967	60.1357	74.10369	0	25.89631	12.18619	13.71012	27.8522	4
2438.645	2440.385	1837.885	62.09438	90.16303	60.48663	60.04592	73.5138	0	26.4862	8.087063	18.39914	26.9831	4
2438.65	2440.391	1837.891	64.57538	207.5475	59.02578	56.29994	73.37359	3.473489	23.15292	21.58414	1.568785	25.54494	4
2438.655	2440.397	1837.897	64.96712	241.5959	61.53126	51.90106	48.39194	7.718017	43.89004	15.37238	28.51766	21.91147	4
2438.66	2440.403	1837.903	66.11784	173.4458	65.02424	61.31091	45.67309	5.702642	48.62427	32.07658	16.54768	22.47776	4
2438.665	2440.409	1837.909	67.59502	74.32439	67.26041	68.11733	62.4193	0.15201	37.42869	8.91755	28.51114	26.24254	4
2438.67	2440.415	1837.915	71.41445	128.5008	69.08035	63.34304	61.29077	1.415935	37.29329	23.65934	13.63395	26.24181	4
2438.675	2440.421	1837.921	66.17497	34.94092	65.79956	65.32621	73.57278	0	26.42722	5.952905	20.47431	25.95499	4
2438.68	2440.427	1837.927	72.75288	248.9091	67.19512	66.19129	55.90402	4.973639	39.12234	15.84878	23.27356	21.7594	4
2438.685	2440.433	1837.933	73.28336	122.4731	70.57385	67.65214	63.93955	0.488969	35.57148	24.09007	11.48141	26.52399	4
2438.69	2440.439	1837.939	78.43307	138.8978	75.36446	70.99007	58.00999	0.942667	41.04734	21.79637	19.25098	25.85482	4
2438.695	2440.445	1837.945	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2439.015	2440.827	1838.327	98.90947	85.42077	99.08902	97.41597	26.93998	16.07487	56.98515	40.78239	16.20277	24.27565	6
2439.02	2440.833	1838.333	96.18364	51.2125	96.99975	98.45244	32.79272	15.10661	52.10067	32.04809	20.05259	24.05845	6
2439.025	2440.839	1838.339	95.42465	56.55421	95.62868	95.48994	36.94198	11.33262	51.7254	20.52733	31.19807	24.70819	6
2439.03	2440.844	1838.344	92.8702	125.3837	94.72278	96.59169	9.859006	22.39811	67.74288	55.31259	12.43029	24.12827	6
2439.035	2440.85	1838.35	92.60904	96.51714	95.11452	97.45678	12.02505	23.59251	64.38244	45.9296	18.45284	23.97099	6
2439.04	2440.856	1838.356	96.46112	31.17109	97.01608	98.03622	39.41143	12.48582	48.10276	28.45424	19.64852	24.80303	6
2439.045	2440.862	1838.362	93.62102	66.25188	95.38384	98.1668	24.17388	18.75923	57.06689	43.10781	13.95907	23.5048	6
2439.05	2440.868	1838.368	92.8702	63.14809	94.29024	96.53457	28.27223	15.95831	55.76946	38.19114	17.57832	23.71917	6
2439.055	2440.874	1838.374	90.42184	92.74064	92.26627	95.58787	20.07436	17.62958	62.29606	47.73526	14.5608	23.45246	6
2439.06	2440.88	1838.38	89.71182	101.5258	91.98063	95.40016	15.31261	19.4626	65.22479	37.47984	27.74495	23.65483	6
2439.065	2440.886	1838.386	93.79241	27.64103	94.17598	95.15533	44.04914	9.075062	46.87579	31.68877	15.18703	25.41994	6
2439.07	2440.892	1838.392	86.96966	69.44891	87.12472	88.87122	41.97954	6.678593	51.34187	36.87148	14.47039	24.52351	6
2439.075	2440.898	1838.398	92.91916	71.58027	94.38818	98.34635	25.8071	16.82742	57.36548	24.21421	33.15128	23.3117	6
2439.08	2440.904	1838.404	101.4558	29.77904	101.8638	102.8676	36.29172	16.50392	47.20436	21.46638	25.73799	24.31617	6
2439.085	2440.91	1838.41	95.16349	49.60066	95.8327	96.91814	35.2598	13.20518	51.53502	27.53168	24.00334	24.34303	6
2439.09	2440.916	1838.416	97.81587	30.7648	97.84852	99.17879	42.31132	10.50937	47.1793	24.87052	22.30878	25.13752	6
2439.095	2440.922	1838.422	98.38715	52.18493	98.64831	98.26474	34.83109	13.87805	51.29086	20.52625	30.76461	24.55484	6
2439.1	2440.928	1838.428	99.19511	35.20068	100.0031	99.3665	33.96027	17.16331	48.87643	16.7401	32.13632	24.43833	6
2439.105	2440.934	1838.434	102.2147	26.10912	102.8187	103.8796	34.96359	18.65497	46.38145	19.23418	27.14727	24.06706	6
2439.11	2440.94	1838.44	99.87249	27.18811	100.7702	101.7822	34.58038	18.04159	47.37803	15.0922	32.28583	24.13414	6
2439.115	2440.946	1838.446	99.37466	22.43253	99.83168	100.15	39.60469	14.11546	46.27984	25.01672	21.26313	24.90347	6
2439.12	2440.952	1838.452	93.99644	37.19217	93.98012	95.30223	44.64927	7.839315	47.51142	30.07741	17.43401	25.39822	6
2439.125	2440.958	1838.458	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2439.13	2440.964	1838.464	72.63863	57.79972	69.82302	69.82302	81.00589	0	18.99411	18.99411	0	26.16454	6
2439.135	2440.97	1838.47	86.34941	90.16303	85.53329	88.52029	45.064	4.482956	50.45304	23.89921	26.55383	24.29018	6
2439.14	2440.976	1838.476	94.94314	34.30818	95.57971	97.53023	39.4163	11.79885	48.78485	31.796	16.98885	24.63685	6
2439.145	2440.982	1838.482	96.58353	26.04917	96.68147	98.13416	44.08026	9.585246	46.33449	33.09155	13.24294	25.36741	6
2439.15	2440.988	1838.488	93.75976	47.62249	94.67382	94.65749	35.13247	13.13143	51.7361	36.58856	15.14754	24.55494	6
2439.155	2440.994	1838.494	87.59807	87.81188	87.74497	89.09157	37.02081	8.206863	54.77232	38.36334	16.40898	24.02507	6
2439.16	2441	1838.5	83.5338	62.64189	82.20353	78.84929	58.29917	0.328004	41.37282	20.3679	21.00492	27.61098	6
2439.165	2441.006	1838.506	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2439.18	2441.023	1838.523	89.18134	27.19477	88.98547	87.36956	52.89001	3.604247	43.50574	16.03327	27.47248	27.14865	6
2439.185	2441.029	1838.529	89.94033	49.70723	90.08723	90.5361	44.08726	6.911997	49.00074	20.47159	28.52915	25.29188	6
2439.19	2441.035	1838.535	94.98394	47.67578	95.00026	94.37185	40.95074	9.394641	49.65462	30.68341	18.97121	25.25283	6
2439.195	2441.041	1838.541	97.74242	38.36441	98.50957	100.0684	34.84736	15.52212	49.63051	29.49518	20.13534	24.17641	6
2439.2	2441.047	1838.547	97.04872	33.80198	97.44862	99.03189	39.43589	12.27806	48.28605	20.53467	27.75138	24.69639	6
2439.205	2441.053	1838.553	94.71462	56.84727	96.15099	97.83219	27.97366	17.52746	54.49888	29.08973	25.40915	23.77133	6
2439.21	2441.059	1838.559	94.93497	45.41787	95.72661	96.60802	35.53353	13.39141	51.07506	34.1333	16.94175	24.41498	6
2439.215	2441.065	1838.565	94.20047	40.34924	94.02092	93.57206	44.96253	7.36113	47.67634	33.11821	14.55813	25.75881	6

2439.22	2441.071	1838.571	101.0722	32.94278	101.8801	102.1984	32.77977	19.25314	47.96708	26.81588	21.15121	24.0436	6
2439.225	2441.077	1838.577	103.2839	21.24696	103.5532	103.4716	37.74986	16.94816	45.30198	27.00375	18.29823	24.6007	6
2439.23	2441.083	1838.583	102.9166	27.40125	103.3981	103.6838	34.95392	18.63985	46.40623	18.84858	27.55765	24.19411	6
2439.235	2441.089	1838.589	103.2757	29.33279	103.5124	104.0265	36.05359	17.21907	46.72734	30.63567	16.09166	24.32177	6
2439.24	2441.095	1838.595	100.1989	80.27887	101.6516	103.9204	17.13114	26.07306	56.7958	38.05004	18.74576	23.20678	6
2439.245	2441.101	1838.601	99.12166	68.78287	99.1135	98.86866	32.22587	13.91808	53.85605	24.16685	29.6892	24.3258	6
2439.25	2441.107	1838.607	87.8021	201.4798	88.02245	85.72916	8.756232	16.25926	74.98451	63.72943	11.25509	24.43297	6
2439.255	2441.113	1838.613	86.18619	229.0142	83.86841	77.44556	23.25002	9.061336	67.68864	42.03704	25.6516	23.37472	6
2439.26	2441.119	1838.619	93.04974	179.5068	92.70697	96.93446	13.61005	15.27236	71.11759	51.42334	19.69425	23.08678	6
2439.265	2441.125	1838.625	99.99491	164.4008	104.4346	111.6083	0	55.05371	44.94629	44.94629	0	-9999	6
2439.27	2441.131	1838.631	93.00077	340.3976	102.5738	106.9564	0	86.67887	13.32113	13.32113	0	-9999	6
2439.275	2441.137	1838.637	102.5086	142.5411	106.4096	108.1479	0	55.41211	44.58789	44.58789	0	-9999	6
2439.28	2441.143	1838.643	105.4384	27.68765	105.316	105.316	37.24498	16.54209	46.21293	29.8853	16.32763	24.54634	6
2439.285	2441.149	1838.649	101.3089	33.88857	101.6843	102.7615	35.68536	16.37458	47.94006	15.43134	32.50872	24.25551	6
2439.29	2441.155	1838.655	93.08239	87.86516	93.95563	95.70213	26.33317	15.04546	58.62136	24.17058	34.45079	23.64842	6
2439.295	2441.161	1838.661	95.53074	68.35659	96.4856	96.98343	28.16927	16.42281	55.40792	33.29083	22.11709	23.95557	6
2439.3	2441.167	1838.667	102.2066	47.80233	102.786	103.4226	29.91109	19.91727	50.17164	20.8427	29.32894	23.76597	6
2439.305	2441.173	1838.673	94.1515	86.53307	94.13518	93.17216	32.56611	11.27357	56.16032	28.08551	28.07481	24.39027	6
2439.31	2441.179	1838.679	98.38715	81.86406	100.0357	102.7779	16.89638	25.02855	58.07507	37.36492	20.71015	23.26216	6
2439.315	2441.185	1838.685	101.774	34.0684	102.2474	103.0145	34.45487	17.65113	47.89399	17.97251	29.92148	24.14322	6
2439.32	2441.191	1838.691	104.8835	22.4192	104.81	104.6957	38.65102	15.98973	45.35925	17.91392	27.44534	24.7424	6
2439.325	2441.197	1838.697	97.64449	87.97173	99.60317	101.5782	13.69811	26.49342	59.80847	49.45316	10.35531	23.56207	6
2439.33	2441.202	1838.702	92.4703	86.4598	92.6172	95.03291	32.86557	10.9512	56.18323	27.02449	29.15875	23.74593	6
2439.335	2441.208	1838.708	96.78756	64.6467	97.2854	98.28106	31.45274	14.70766	53.8396	22.34016	31.49944	24.03035	6
2439.34	2441.214	1838.714	99.29305	49.10778	99.81536	99.76639	32.71837	16.27211	51.00952	24.0566	26.95293	24.26094	6
2439.345	2441.22	1838.72	98.32187	39.82972	98.3137	99.08902	39.96834	11.28654	48.74512	22.08592	26.6592	24.92247	6
2439.35	2441.226	1838.726	97.04056	61.04338	97.46494	97.63633	32.66123	14.25635	53.08241	19.82122	33.2612	24.2701	6
2439.355	2441.232	1838.732	96.42847	122.5663	97.62	94.64117	12.39038	22.41431	65.19531	52.62379	12.57152	24.68572	6
2439.36	2441.238	1838.738	103.8143	42.82028	104.557	106.4014	28.37263	23.03852	48.58886	21.04313	27.54573	23.24665	6
2439.365	2441.244	1838.744	106.5075	41.96774	106.8095	107.9602	29.51666	22.77175	47.71159	30.74562	16.96597	23.35496	6
2439.37	2441.25	1838.75	100.5254	125.9165	103.0962	107.8133	0	38.27299	61.72701	61.72701	0	-9999	6
2439.375	2441.256	1838.756	97.55471	125.9365	100.607	106.2056	0	36.40131	63.59869	63.59869	0	-9999	6
2439.38	2441.262	1838.762	96.83653	109.938	98.59935	102.4677	10.64357	25.59541	63.76102	46.20866	17.55237	23.491	6
2439.385	2441.268	1838.768	93.8577	145.4784	95.17165	101.1293	8.262032	21.94327	69.7947	49.67692	20.11778	23.42162	6
2439.39	2441.274	1838.774	95.97144	147.5964	98.58302	105.9607	0	32.30307	67.69693	67.69693	0	-9999	6
2439.395	2441.28	1838.78	97.48942	99.58762	97.63633	95.87351	25.07104	15.57848	59.35049	29.36883	29.98165	24.23627	6
2439.4	2441.286	1838.786	97.58736	89.50365	97.88932	96.15915	26.21953	15.92739	57.85308	38.22239	19.63069	24.2604	6
2439.405	2441.292	1838.792	95.8327	130.7321	96.55905	93.44148	14.56758	19.61636	65.81606	52.57632	13.23974	24.60374	6
2439.41	2441.298	1838.798	91.38486	109.9647	91.31141	91.3767	29.88372	10.86744	59.24884	25.80807	33.44077	23.86195	6
2439.415	2441.304	1838.804	95.55522	89.07071	95.44097	94.57588	31.41957	11.88906	56.69138	38.23261	18.45877	24.32701	6
2439.42	2441.31	1838.81	96.3795	116.9249	97.94645	98.05255	10.8912	24.26568	64.84313	46.31305	18.53008	24.20748	6
2439.425	2441.316	1838.816	89.12421	71.99322	89.62205	94.54324	36.72517	9.364627	53.91021	26.02676	27.88345	23.55878	6
2439.43	2441.322	1838.822	88.3081	92.72732	88.06326	88.06326	38.21402	7.426479	54.35951	36.78558	17.57393	24.3155	6
2439.435	2441.328	1838.828	96.32238	72.09313	96.34686	95.139	33.74713	12.0703	54.18257	38.95061	15.23196	24.60004	6
2439.44	2441.334	1838.834	107.3481	36.5794	108.0582	109.2089	26.88483	27.7242	45.39098	33.14541	12.24557	22.83636	6
2439.445	2441.34	1838.84	102.2147	93.01372	103.798	108.4581	11.18277	31.04334	57.77388	41.55037	16.22351	22.76294	6
2439.45	2441.346	1838.846	92.18466	103.0444	91.99695	89.90769	31.7081	10.34413	57.94778	23.58111	34.36667	24.39954	6
2439.455	2441.352	1838.852	97.05688	131.3848	99.32569	99.90513	1.329282	30.62387	68.04685	68.04685	0	-9999	6
2439.46	2441.358	1838.858	98.48509	90.57598	100.0112	100.2724	15.64674	24.91465	59.43862	39.17431	20.2643	23.77147	6
2439.465	2441.364	1838.864	95.04923	60.65707	96.38767	97.46494	27.50283	17.5923	54.90487	23.57686	31.32801	23.84413	6
2439.47	2441.37	1838.87	96.43663	78.40061	98.45244	101.4313	16.68281	24.53355	58.78364	38.87268	19.91096	23.35233	6
2439.475	2441.376	1838.876	94.5514	117.2046	95.74293	104.4101	15.41482	20.06891	64.51627	54.70916	9.807113	22.43333	6
2439.48	2441.381	1838.881	99.77456	103.7904	102.378	104.7366	2.913653	35.63794	61.44841	61.44841	0	-9999	6
2439.485	2441.387	1838.887	104.8508	93.21354	106.9809	108.964	4.471548	40.88215	54.6463	53.7413	0.904998	-9999	6
2439.49	2441.393	1838.893	107.495	51.95847	109.3476	111.0288	14.17306	41.08005	44.74689	22.20913	22.53776	21.88515	6
2439.495	2441.399	1838.899	108.001	49.25431	109.5435	111.7225	16.76542	38.63415	44.60043	30.80553	13.7949	21.81718	6
2439.5	2441.405	1838.905	109.5353	34.91428	110.2943	111.3226	24.89607	32.01232	43.09161	25.09265	17.99896	22.33681	6
2439.505	2441.411	1838.911	108.5315	35.56035	109.4945	111.0778	24.08201	32.43557	43.48242	17.37271	26.10971	22.25123	6
2439.51	2441.417	1838.917	107.0135	46.79659	107.8949	109.315	23.39187	29.58729	47.02083	16.71898	30.30185	22.6296	6
2439.515	2441.423	1838.923	97.19562	75.47666	96.67331	96.13467	36.36262	9.779629	53.85775	27.44015	26.4176	24.72755	4
2439.52	2441.429	1838.929	83.24	74.40432	82.36676	81.39557	52.18101	2.336778	45.48221	25.71793	19.76427	25.94694	4
2439.525	2441.435	1838.935	82.90539	61.55624	82.8401	85.01098	49.33642	3.66858	46.995	17.6399	29.3551	25.17593	4
2439.53	2441.441	1838.941	77.62511	88.045	76.75186	73.85464	54.04567	1.95665	43.99768	28.14904	15.84863	25.94406	4
2439.535	2441.447	1838.947	78.00868	97.6694	77.95156	76.67025	45.03876	4.492987	50.46825	34.2294	16.23885	24.47223	4
2439.54	2441.453	1838.953	80.93855	61.28982	81.00384	81.97502	50.19841	3.28983	46.51176	28.70729	17.80447	25.41627	4
2439.545	2441.459	1838.959	85.63123	78.32735	85.68836	85.47617	41.82131	6.304196	51.87449	28.85682	23.01768	24.69888	4
2439.55	2441.465	1838.965	78.95538	153.9106	78.74319	79.95105	31.75917	8.208926	60.0319	24.2537	35.77821	22.48083	4
2439.555	2441.471	1838.971	78.71871	83.06295	79.58379	79.76334	40.77314	5.932408	53.29445	23.8253	29.46914	24.21495	4
2439.56	2441.477	1838.977	78.32697	48.12203	77.64143	76.36829	61.60659	0	38.39341	20.75561	17.63781	27.50977	4
2439.565	2441.483	1838.983	74.4096	52.41138	73.97706	72.2877	62.21182	0	37.78818	15.87645	21.91173	27.28533	4
2439.57	2441.489	1838.989	73.04669	58.6123	72.49989	70.03521	62.85057	0	37.14943	22.12524	15.0242	27.24736	4
2439.575	2441.495	1838.995	76.45806	67.28426	76.8498	75.88678	50.33984	2.952062	46.7081	31.63703	15.07107	25.4612	4
2439.58	2441.501	1839.001	80.3183	146.8638	80.3591	73.69142	30.24989	8.785144	60.96497	28.86386	32.10111	24.1514	4

2439.585	2441.507	1839.007	77.52717	97.96247	77.81282	75.36446	42.75436	5.135866	52.10977	32.67795	19.43182	24.48717	4
2439.59	2441.513	1839.013	76.16426	84.7747	77.08647	77.51901	42.26625	5.173266	52.56048	28.99949	23.56099	24.12444	4
2439.595	2441.519	1839.019	79.56747	72.0465	79.60011	79.43689	49.10968	3.461731	47.42859	30.58359	16.845	25.23336	4
2439.6	2441.525	1839.025	80.53049	69.79526	80.67739	82.16273	47.88301	3.930627	48.18636	15.02931	33.15705	24.87958	4
2439.605	2441.531	1839.031	77.84546	72.05317	77.91891	78.73503	50.37607	3.009872	46.61406	27.24357	19.37049	25.11177	4
2439.61	2441.537	1839.037	75.55217	66.36511	75.83781	75.58481	52.21793	2.389642	45.39243	28.21894	17.17349	25.53075	4
2439.615	2441.543	1839.043	76.40909	57.74644	76.05	75.88678	58.51196	0.718833	40.76921	24.29889	16.47031	26.67365	4
2439.62	2441.549	1839.049	75.57665	93.87959	75.91942	78.59629	45.09416	4.370686	50.53516	35.52052	15.01464	23.69408	4
2439.625	2441.555	1839.055	75.59297	107.0674	73.34865	71.41445	61.93768	0.302579	37.75974	26.02032	11.73942	26.50267	4
2439.63	2441.56	1839.06	75.15227	97.30974	74.38512	73.7159	53.25638	2.315489	44.42814	13.56011	30.86802	25.06442	4
2439.635	2441.566	1839.066	72.95691	77.72124	71.98573	70.90029	61.59775	0.259477	38.14277	22.49576	15.64701	26.72826	4
2439.64	2441.572	1839.072	75.89494	59.9444	75.65826	74.49938	57.50434	0.991005	41.50466	25.66733	15.83732	26.61345	4
2439.645	2441.578	1839.078	74.27902	58.88538	74.14845	75.16859	58.42502	0.733631	40.84135	11.55623	29.28511	26.28901	4
2439.65	2441.584	1839.084	74.48305	66.5849	73.316	71.2349	64.40667	0	35.59333	21.77217	13.82116	26.97363	4
2439.655	2441.59	1839.09	79.42873	80.26555	78.35961	78.21271	55.78695	1.355886	42.85717	31.1381	11.71906	25.97213	4
2439.66	2441.596	1839.096	80.48152	98.90159	79.26551	78.36778	51.44694	2.470491	46.08257	28.34629	17.73629	25.21034	4
2439.665	2441.602	1839.102	77.29866	81.43779	76.35196	71.80619	56.51419	1.292022	42.19379	30.27766	11.91613	26.727	4
2439.67	2441.608	1839.108	81.04464	72.97231	80.96303	81.46086	48.41212	3.728718	47.85916	18.00589	29.85327	25.08889	4
2439.675	2441.614	1839.114	87.9082	69.72865	88.6427	91.14003	36.5577	9.382442	54.05986	23.43531	30.62455	23.99527	10
2439.68	2441.62	1839.12	93.00077	88.80429	93.79241	97.08953	26.81348	14.63072	58.5558	29.88489	28.67091	23.36126	10
2439.685	2441.626	1839.126	98.65647	45.16477	99.12982	98.88499	34.63772	15.02965	50.33263	31.87528	18.45735	24.48187	10
2439.69	2441.632	1839.132	95.38384	95.11844	97.70162	99.87249	11.26544	26.08505	62.64951	39.10017	23.54934	23.8463	10
2439.695	2441.638	1839.138	99.28488	76.3625	100.9742	101.2191	17.08561	26.21137	56.70302	44.16262	12.5404	23.61905	10
2439.7	2441.644	1839.144	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2440.01	2442.01	1839.51	103.3328	19.60182	103.5613	103.0472	38.41918	16.56226	45.01856	25.52966	19.4889	24.76085	10
2440.015	2442.015	1839.515	102.5086	31.09116	102.3453	102.6391	39.43306	13.36931	47.19764	24.17193	23.02571	24.90494	10
2440.02	2442.02	1839.52	102.329	41.1485	103.6021	104.8835	26.03251	25.18091	48.78658	30.68354	18.10305	23.20847	10
2440.025	2442.025	1839.525	102.7044	44.29225	104.4836	105.316	21.00489	30.22818	48.76692	36.0517	12.71522	22.95452	10
2440.03	2442.03	1839.53	104.2061	23.84455	105.267	106.1892	30.13764	25.11356	44.7488	19.56272	25.18608	23.30719	10
2440.035	2442.035	1839.535	104.353	12.92801	104.5978	105.2262	38.96921	17.46777	43.56302	19.42903	24.13399	24.53138	10
2440.04	2442.04	1839.54	104.8182	17.73022	105.1283	105.1283	36.87311	18.94452	44.18238	12.63623	31.54615	24.33666	10
2440.045	2442.045	1839.545	104.051	22.73891	104.6957	105.6016	33.77357	21.17233	45.0541	21.91613	23.13796	23.79229	10
2440.05	2442.05	1839.55	103.896	19.10228	104.3122	105.1283	36.56726	18.77111	44.66162	22.02475	22.63687	24.19013	10
2440.055	2442.055	1839.555	103.5532	16.45807	103.8796	104.4101	38.21825	17.4155	44.36625	32.00816	12.35809	24.49046	10
2440.06	2442.06	1839.56	100.3785	72.05983	102.6065	103.9204	12.9463	31.67827	55.37543	47.18759	8.187837	23.31601	10
2440.065	2442.065	1839.565	90.45449	163.3019	93.53941	100.5662	0	28.35599	71.64401	71.64401	0	-9999	10
2440.07	2442.07	1839.57	75.49504	149.8144	71.83067	74.14845	62.68836	0.731387	36.58026	16.63719	19.94307	24.89126	4
2440.075	2442.075	1839.575	68.98242	55.14218	68.01124	65.97094	70.71842	0	29.28158	15.45267	13.82891	26.56003	4
2440.08	2442.08	1839.58	70.76155	60.07095	70.27188	67.88882	64.15715	0	35.84285	18.78641	17.05644	26.99462	4
2440.085	2442.085	1839.585	68.86	75.39007	66.88499	63.47362	73.7107	0	26.2893	22.68324	3.606056	27.07046	4
2440.09	2442.09	1839.59	68.95793	68.79619	67.97043	68.10917	67.56317	0	32.43683	9.95156	22.48527	26.34868	4
2440.095	2442.095	1839.595	68.10917	61.23653	67.48892	64.67331	67.32726	0	32.67274	9.410188	23.26255	26.7948	4
2440.1	2442.1	1839.6	67.52973	46.62342	66.8197	65.25276	72.09246	0	27.90754	15.75211	12.15543	26.33956	4
2440.105	2442.105	1839.605	68.95793	40.3559	68.72942	68.82735	68.56355	0	31.43645	21.65455	9.781897	26.07273	4
2440.11	2442.11	1839.61	64.57538	47.46264	63.90616	64.06939	74.29112	0	25.70888	4.178531	21.53035	25.98564	4
2440.115	2442.115	1839.615	66.56671	68.80951	65.25276	65.44046	72.28984	0	27.71016	18.70196	9.0082	26.3277	4
2440.12	2442.12	1839.62	68.06836	94.6189	66.25658	62.29025	68.52064	0	31.47936	22.05861	9.420747	27.41412	4
2440.125	2442.125	1839.625	65.90565	50.35995	64.92631	63.53891	74.76959	0	25.23041	19.95193	5.278478	26.39949	4
2440.13	2442.13	1839.63	67.3665	51.16587	66.37084	66.13416	73.35707	0	26.64293	21.42319	5.219739	26.17658	4
2440.135	2442.135	1839.635	69.43128	60.43727	68.02756	66.90948	72.37626	0	27.62374	7.455382	20.16836	26.43839	4
2440.14	2442.14	1839.64	68.81919	77.82115	67.92146	67.83985	64.81103	0	35.18897	15.91053	19.27844	26.58025	4
2440.145	2442.145	1839.645	66.71361	96.03092	66.10152	64.77125	60.12768	1.132544	38.73977	15.42621	23.31357	25.64039	4
2440.15	2442.15	1839.65	68.32136	87.37895	67.31754	65.9383	63.77829	0.244563	35.97715	22.58327	13.39387	26.62306	4
2440.155	2442.155	1839.655	65.03241	57.06707	64.22445	63.77558	72.62162	0	27.37838	20.3919	6.986472	26.21826	4
2440.16	2442.16	1839.66	65.75059	63.99397	64.60802	60.91101	72.8778	0	27.1222	7.99291	19.12929	26.9756	4
2440.165	2442.165	1839.665	65.01608	48.18197	64.21629	63.88984	74.72358	0	25.27642	6.814926	18.46149	26.13302	4
2440.17	2442.17	1839.67	62.87785	68.61635	62.17599	61.54758	70.98664	0	29.01336	5.875378	23.13798	26.3257	4
2440.175	2442.175	1839.675	61.76793	77.87443	60.39685	54.68403	74.95375	0	25.04625	23.76004	1.286211	27.73623	4
2440.18	2442.18	1839.68	62.24944	61.27649	60.78859	58.59323	79.2232	0	20.7768	9.885392	10.89141	27.10161	4
2440.185	2442.185	1839.685	62.71463	63.50776	61.75977	60.56008	74.33381	0	25.66619	4.66067	21.00552	26.51324	4
2440.19	2442.19	1839.69	63.50626	71.34715	62.27393	61.29458	73.85885	0	26.14115	5.937963	20.20319	26.64201	4
2440.195	2442.195	1839.695	64.57538	53.98326	63.55523	62.45347	75.43285	0	24.56715	13.81981	10.74734	26.41992	4
2440.2	2442.2	1839.7	65.1385	68.9627	63.79191	62.1107	73.81972	0	26.18028	14.27567	11.90461	26.73626	4
2440.205	2442.205	1839.705	67.22776	86.75286	65.5384	63.3104	70.24884	0	29.75116	13.49254	16.25862	27.00965	4
2440.21	2442.21	1839.71	69.85566	174.1585	67.83169	64.02042	49.27223	4.861876	45.86589	19.6376	26.22829	23.0324	4
2440.215	2442.215	1839.715	78.06581	394.6406	72.58966	82.74217	15.11661	13.78675	71.09664	51.45745	19.63919	16.92356	10
2440.22	2442.22	1839.72	91.42567	276.0773	96.65698	104.5488	0	48.95904	51.04096	51.04096	0	-9999	10
2440.225	2442.225	1839.725	100.9742	120.788	104.3367	105.5527	0	45.35184	54.64816	54.64816	0	-9999	10
2440.23	2442.23	1839.73	103.0717	23.69802	103.594	104.1653	35.39119	18.91519	45.69361	30.67604	15.01758	24.14468	10
2440.235	2442.235	1839.735	103.0717	20.09469	103.3655	103.7817	38.03418	16.81946	45.14636	28.19656	16.9498	24.5364	10
2440.24	2442.24	1839.74	102.1821	26.32225	102.5738	102.7452	36.58652	16.976	46.43748	24.76263	21.67484	24.44937	10
2440.245	2442.245	1839.745	100.0602	87.45888	102.378	104.1163	8.81681	32.85527	58.32792	56.62958	1.69834	23.55435	10
2440.25	2442.25	1839.75	99.02373	119.1029	102.5983	105.7485	0	42.67549	57.32451	57.32451	0	-9999	10

2440.255	2442.255	1839.755	104.7937	61.76271	105.1773	105.3242	25.67053	22.53221	51.79726	20.29299	31.50427	23.50836	10
2440.26	2442.26	1839.76	75.3563	72.49942	74.62995	71.41445	58.75652	0.757316	40.48616	29.35034	11.13583	26.89573	1
2440.265	2442.265	1839.765	73.07117	57.61323	72.38563	68.43562	64.14505	0	35.85495	22.80283	13.05211	27.37549	1
2440.27	2442.27	1839.77	72.14079	54.70925	70.53304	68.45194	72.85091	0	27.14909	8.919889	18.2292	26.48862	1
2440.275	2442.275	1839.775	71.03904	48.45505	69.98624	68.22343	71.07711	0	28.92289	12.86294	16.05996	26.47455	1
2440.28	2442.28	1839.78	72.09183	54.26966	71.36548	73.1691	66.17144	0	33.82856	23.52516	10.3034	26.10394	1
2440.285	2442.285	1839.785	70.90029	59.27169	69.79854	67.13799	68.96662	0	31.03338	16.80691	14.22648	26.76098	1
2440.29	2442.29	1839.79	69.26806	40.5757	68.90081	68.03572	69.30028	0	30.69972	17.52136	13.17836	26.2505	1
2440.295	2442.295	1839.795	69.57818	43.29318	69.17012	68.17446	68.67358	0	31.32642	14.9342	16.39222	26.33165	1
2440.3	2442.3	1839.8	69.14564	54.55606	68.82735	68.19078	65.65016	0	34.34984	16.98159	17.36825	26.44827	1
2440.305	2442.305	1839.805	66.98293	54.47614	65.62817	63.27775	75.69184	0	24.30816	14.99389	9.31427	26.70321	1
2440.31	2442.31	1839.81	66.91764	68.643	66.28923	63.88984	66.69435	0	33.30565	5.21501	28.09064	26.76922	1
2440.315	2442.315	1839.815	67.31754	57.61989	67.49708	67.37466	62.73237	0	37.26763	18.01509	19.25254	26.38439	1
2440.32	2442.32	1839.82	65.95462	58.56568	66.2729	66.72177	62.68214	0	37.31786	11.14142	26.17644	26.14858	1
2440.325	2442.325	1839.825	68.83552	43.59956	68.78655	68.11733	66.49973	0	33.50027	11.80037	21.69991	26.30523	1
2440.33	2442.33	1839.83	70.28005	65.97214	69.50473	68.46826	65.38577	0	34.61423	23.56577	11.04846	26.66708	1
2440.335	2442.335	1839.835	70.29637	78.7403	69.12116	67.77456	65.38007	0	34.61993	20.84641	13.77352	26.80541	1
2440.34	2442.34	1839.84	69.71692	92.30771	67.60318	66.28923	69.9035	0	30.0965	17.06754	13.02896	26.79552	1
2440.345	2442.345	1839.845	68.74574	116.4253	66.379	64.38767	66.92124	0.466701	32.61206	11.74421	20.86785	26.68329	1
2440.35	2442.35	1839.85	67.01557	171.1612	62.44531	60.19282	72.34418	1.684064	25.97175	16.1545	9.817251	26.40624	1
2440.355	2442.355	1839.855	69.08035	230.0466	61.97196	60.5764	75.86481	2.702066	21.43312	14.46418	6.968939	25.84903	1
2440.36	2442.36	1839.86	60.98446	71.16732	58.90336	58.48714	82.80034	0	17.19966	17.19966	0	27.5328	1
2440.365	2442.365	1839.865	59.27877	52.97753	57.96482	56.09591	82.82608	0	17.17392	15.72549	1.448429	27.25615	1
2440.37	2442.37	1839.87	59.03394	33.03602	58.17701	57.79344	84.33522	0	15.66478	12.95679	2.707987	26.61842	1
2440.375	2442.375	1839.875	59.83373	39.8497	59.05026	58.88704	81.38126	0	18.61874	4.200459	14.41828	26.3521	1
2440.38	2442.38	1839.88	59.18084	43.73943	57.92402	57.45883	84.70906	0	15.29094	15.29094	0	27.02809	1
2440.385	2442.385	1839.885	59.32774	23.87785	58.80542	58.19334	83.68799	0	16.31201	16.04448	0.267531	26.29738	1
2440.39	2442.39	1839.89	59.57257	31.5907	59.09923	58.07908	81.21673	0	18.78327	18.78327	0	26.23519	1
2440.395	2442.395	1839.895	59.20532	21.32688	58.78094	58.14437	83.65895	0	16.34105	16.34105	0	26.21501	1
2440.4	2442.4	1839.9	58.30759	23.41162	57.86689	57.45883	84.10686	0	15.89314	15.89314	0	26.25069	1
2440.405	2442.405	1839.905	58.936	31.29098	57.87505	56.61823	86.42885	0	13.57115	13.57115	0	27.09543	1
2440.41	2442.41	1839.91	61.62103	114.3806	59.27877	58.34024	73.78106	0.168228	26.05071	10.54895	15.50176	27.5142	1
2440.415	2442.415	1839.915	57.23032	35.88005	56.4142	54.92886	84.99005	0	15.00995	14.08547	0.924473	26.94067	1
2440.42	2442.42	1839.92	55.35324	34.08838	54.50448	53.47617	87.40354	0	12.59646	12.59646	0	27.18098	1
2440.425	2442.425	1839.925	55.80211	36.09319	55.45934	54.59425	82.58397	0	17.41603	12.4783	4.937726	26.31259	1
2440.43	2442.43	1839.93	55.09209	39.68319	54.40655	53.46801	85.02488	0	14.97512	3.544651	11.43047	26.86046	1
2440.435	2442.435	1839.935	57.23032	41.05525	56.69984	55.36141	81.52393	0	18.47607	18.47607	0	26.48277	1
2440.44	2442.44	1839.94	57.33641	48.68817	55.47566	53.76181	89.88877	0	10.11123	4.55712	5.554107	28.42102	1
2440.445	2442.445	1839.945	56.77329	55.68834	54.68403	52.99466	90.48378	0	9.516221	7.728861	1.78736	28.79349	1
2440.45	2442.45	1839.95	56.44684	59.30499	54.79012	53.05179	86.55668	0	13.44332	13.44332	0	28.06385	1
2440.455	2442.455	1839.955	56.23465	48.60158	55.74498	54.21884	80.29749	0	19.70251	19.70251	0	26.50917	1
2440.46	2442.46	1839.96	58.31575	83.24945	58.31575	51.86842	66.20314	0	33.79686	13.09678	20.70008	27.25074	1
2440.465	2442.465	1839.965	52.87224	51.61213	51.28898	51.10127	91.13774	0	8.862263	8.862263	0	28.45837	1
2440.47	2442.47	1839.97	66.29739	77.22836	66.22394	65.32621	60.88638	0.477602	38.63602	27.54532	11.0907	26.12285	1
2440.475	2442.475	1839.975	68.61516	38.67746	68.55804	69.07219	67.95685	0	32.04315	16.16277	15.88038	25.9705	1
2440.48	2442.48	1839.98	68.44378	27.86748	68.81103	69.82302	67.44158	0	32.55842	22.1887	10.36972	25.79242	1
2440.485	2442.485	1839.985	68.54171	31.8771	69.47209	70.30453	62.01696	0	37.98304	19.3867	18.59634	26.19729	1
2440.49	2442.49	1839.99	67.35834	39.07043	67.74192	70.11682	65.60257	0	34.39743	8.506816	25.89061	25.58704	1
2440.495	2442.495	1839.995	66.44429	40.39586	66.14233	66.51774	71.43567	0	28.56433	19.43883	9.125494	25.82305	1
2440.5	2442.5	1840	66.89315	49.92702	67.52157	69.58634	61.50577	0	38.49423	24.779	13.71522	25.91793	1
2440.505	2442.505	1840.005	72.11631	59.39158	72.68759	74.73605	54.85279	1.479148	43.66806	27.53217	16.13589	25.41759	1
2440.51	2442.51	1840.01	71.82251	58.22599	72.58966	70.59833	53.88718	1.657923	44.4549	18.1299	26.32499	26.04439	1
2440.515	2442.515	1840.015	74.10764	69.64207	72.89978	71.3818	64.32847	0	35.67153	10.0513	25.62024	26.86202	1
2440.52	2442.52	1840.02	76.09081	61.88926	75.13595	72.48356	62.41941	0	37.58059	8.369797	29.21079	27.36162	1
2440.525	2442.525	1840.025	75.63378	77.52809	74.48305	72.00205	60.57326	0.334966	39.09178	14.19465	24.89713	26.98715	1
2440.53	2442.53	1840.03	71.74906	42.041	71.13697	69.12116	68.56063	0	31.43937	14.52983	16.90954	26.62443	1
2440.535	2442.535	1840.035	71.03904	56.36771	69.88831	66.05255	69.92123	0	30.07877	22.23099	7.847783	26.92629	1
2440.54	2442.54	1840.04	70.82684	68.76954	69.19461	67.65214	70.84691	0	29.15309	18.06695	11.08615	26.5532	1
2440.545	2442.545	1840.045	70.96558	107.0341	69.02322	68.59068	63.86272	0.511999	35.62528	17.61932	18.00596	26.19116	1
2440.55	2442.55	1840.05	69.48841	79.80597	68.73758	67.60318	62.57654	0.233142	37.19032	23.68396	13.50636	26.61548	1
2440.555	2442.555	1840.055	69.35783	52.94422	69.08851	67.43995	65.46552	0	34.53448	19.99193	14.54255	26.64521	1
2440.56	2442.56	1840.06	67.48076	61.10998	67.58686	67.7256	62.30685	0	37.69315	24.71922	12.97393	26.41368	1
2440.565	2442.565	1840.065	67.41547	59.95106	67.33386	67.05638	64.1021	0	35.8979	9.787905	26.10999	26.37639	1
2440.57	2442.57	1840.07	70.36166	74.9638	69.74957	68.45194	61.86972	0.240861	37.88942	19.23708	18.65233	26.69136	1
2440.575	2442.575	1840.075	69.52922	70.09498	69.25174	67.8725	61.22061	0.268394	38.511	13.09903	25.41197	26.65052	1
2440.58	2442.58	1840.08	73.34049	89.53029	72.8753	72.32034	54.46562	1.991821	43.54256	12.23263	31.30993	25.24559	1
2440.585	2442.585	1840.085	67.30121	42.99345	67.4726	67.92146	66.35024	0	33.64976	20.91614	12.73363	25.95163	1
2440.59	2442.59	1840.09	71.95309	74.36435	71.7817	69.26806	57.13522	1.188117	41.67666	22.94787	18.7288	26.24433	1
2440.595	2442.595	1840.095	73.33233	92.29439	73.22623	71.13697	51.02126	2.81243	46.16631	29.68107	16.48524	25.03893	1
2440.6	2442.6	1840.1	77.5435	145.8514	78.64526	72.16528	24.82531	10.24651	64.92818	47.83329	17.09489	24.19336	1
2440.605	2442.605	1840.105	78.59629	78.0476	79.01251	77.24969	45.57819	4.460273	49.96154	18.23144	31.7301	25.00205	1
2440.61	2442.61	1840.11	76.8498	70.16159	78.00052	78.89009	43.40095	4.96194	51.63711	30.44677	21.19034	24.41963	1
2440.615	2442.615	1840.115	74.76053	47.4027	75.71539	75.5032	52.3487	2.211611	45.43968	29.86083	15.57885	25.88594	1

2440.62	2442.62	1840.12	79.80414	74.07795	79.92656	79.26551	47.70459	3.901053	48.39436	23.23841	25.15595	25.13498	1
2440.625	2442.625	1840.125	98.00358	158.3931	102.6555	105.4058	0	51.36624	48.63376	48.63376	0	-9999	10
2440.63	2442.63	1840.13	105.1038	35.97996	105.9934	107.9113	27.70319	25.79681	46.5	25.64902	20.85097	22.95242	10
2440.635	2442.635	1840.135	105.8383	25.16999	106.2301	106.5647	33.50166	21.55169	44.94665	13.85578	31.09088	23.79774	10
2440.64	2442.64	1840.14	104.81	22.73225	105.7812	107.5032	30.54694	25.18594	44.26712	15.49078	28.77634	23.13909	10
2440.645	2442.645	1840.145	103.6919	31.43085	104.5325	106.6136	30.4825	22.93276	46.58474	27.62549	18.95925	23.27831	10
2440.65	2442.65	1840.15	92.35604	58.03284	92.27443	92.08672	41.62099	7.893716	50.4853	29.84842	20.63688	25.11529	10
2440.655	2442.655	1840.155	78.0903	67.1244	77.94339	78.531	53.05131	2.251878	44.69682	28.20415	16.49266	25.59532	1
2440.66	2442.66	1840.16	78.15559	66.39175	78.25352	78.22087	51.27107	2.779967	45.94896	27.75493	18.19403	25.49349	1
2440.665	2442.665	1840.165	80.1714	71.48036	80.04898	80.23669	49.8928	3.234747	46.87245	31.39463	15.47782	25.29167	1
2440.67	2442.67	1840.17	81.12626	59.02525	81.03648	81.24867	51.77548	2.793564	45.43096	13.2986	32.13236	25.80114	1
2440.675	2442.675	1840.175	74.97272	69.12255	74.96456	76.25403	54.36069	1.830371	43.80894	30.39906	13.40988	25.43122	1
2440.68	2442.68	1840.18	79.65724	85.92696	77.80465	76.33564	60.27857	0	39.72143	14.43698	25.28445	26.86982	1
2440.685	2442.685	1840.185	78.13926	100.1205	77.22521	76.47438	50.96663	2.787158	46.24621	30.05716	16.18906	24.92524	1
2440.69	2442.69	1840.19	86.12906	77.86777	86.71666	86.86357	37.36332	8.335969	54.30071	23.04727	31.25343	24.33112	1
2440.695	2442.695	1840.195	90.88703	133.9025	86.5616	92.54375	57.50159	0	42.49841	16.12668	26.37173	19.53527	1
2440.7	2442.7	1840.2	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2441.01	2443.01	1840.51	114.1954	19.8749	114.1709	115.5664	30.32029	29.82233	39.85738	24.72025	15.13713	22.32731	6
2441.015	2443.015	1840.515	112.0571	15.91857	112.0245	111.4777	33.30814	25.75488	40.93698	29.17335	11.76364	23.35493	6
2441.02	2443.02	1840.52	107.3073	45.86412	108.76	110.6779	18.91979	35.97909	45.10112	25.45993	19.6412	22.04246	6
2441.025	2443.025	1840.525	93.0171	226.8296	95.33487	97.31804	0	31.88809	68.11191	68.11191	0	-9999	6
2441.03	2443.03	1840.53	83.99083	162.1563	79.80414	78.44123	55.93344	0	44.06656	15.8281	28.23846	24.45269	6
2441.035	2443.035	1840.535	84.30912	108.5327	82.2933	80.66107	51.79325	1.627543	46.57921	22.31391	24.26529	25.51521	6
2441.04	2443.04	1840.54	89.49963	73.76491	88.90386	90.29126	44.42642	5.324521	50.24906	26.01371	24.23535	24.87774	6
2441.045	2443.045	1840.545	85.90055	76.64224	87.23898	89.09157	32.05121	10.77952	57.16927	29.77561	27.39366	23.81463	6
2441.05	2443.05	1840.55	94.60853	89.90327	93.98828	92.25811	36.0105	8.719107	55.27039	25.59793	29.67246	24.75461	6
2441.055	2443.055	1840.555	100.4193	89.88329	99.53788	99.84801	32.69341	10.55877	56.74782	36.02418	20.72364	24.35384	6
2441.06	2443.06	1840.56	107.4624	118.6499	111.3798	114.1219	0	69.11445	30.88555	30.88555	0	-9999	6
2441.065	2443.065	1840.565	108.8988	94.3325	111.9102	112.71	0	61.16716	38.83284	38.83284	0	-9999	6
2441.07	2443.07	1840.57	110.4657	52.40472	112.2285	112.9549	12.02779	47.27817	40.69403	32.38947	8.304567	21.34622	6
2441.075	2443.075	1840.575	110.735	72.71255	112.5794	113.0365	6.233032	50.39107	43.3759	43.3759	0	-9999	6
2441.08	2443.08	1840.58	112.4815	59.82451	114.1219	115.0196	9.326394	51.57109	39.10251	29.2113	9.891217	20.93503	6
2441.085	2443.085	1840.585	112.049	37.3387	113.0365	113.1426	20.22583	40.18917	39.58499	14.87863	24.70636	21.56854	6
2441.09	2443.09	1840.59	108.9314	82.10384	111.5675	112.5386	0	55.84109	44.15891	44.15891	0	-9999	6
2441.095	2443.095	1840.595	109.0538	58.8654	110.5555	111.3226	13.78722	41.15207	45.06071	21.38256	23.67815	21.94161	6
2441.1	2443.1	1840.6	108.8743	53.74348	110.4249	111.6083	14.81241	40.96366	44.22393	23.80602	20.41791	21.81899	6
2441.105	2443.105	1840.605	107.8296	59.7246	109.4211	111.086	14.00979	39.50497	46.48524	22.7099	23.77534	22.0109	6
2441.11	2443.11	1840.61	107.2094	67.27093	108.5478	109.9271	14.71493	36.02754	49.25753	26.00743	23.2501	22.38112	6
2441.115	2443.115	1840.615	107.4787	71.98656	109.1762	111.6083	10.54301	40.71698	48.74	31.1732	17.56681	22.08634	6
2441.12	2443.12	1840.62	108.5152	62.92164	110.0903	111.6736	12.73191	41.05252	46.21557	35.61234	10.60323	21.92852	6
2441.125	2443.125	1840.625	106.8177	82.8365	109.013	110.4086	4.667302	45.27983	50.05287	42.15874	7.894122	-9999	6
2441.13	2443.13	1840.63	108.3356	27.96739	108.6784	108.6784	30.90664	24.9294	44.16395	15.99564	28.16831	23.35701	6
2441.135	2443.135	1840.635	107.7399	30.50504	108.05	109.2252	31.09363	23.8568	45.04957	21.93971	23.10986	23.26456	6
2441.14	2443.14	1840.64	106.7116	37.53185	107.0625	107.9602	30.02294	23.23306	46.74399	16.85241	29.89159	23.35785	6
2441.145	2443.145	1840.645	104.3775	76.58896	105.6098	108.0092	15.88758	30.48384	53.62857	37.0422	16.58637	22.74483	6
2441.15	2443.15	1840.65	101.9046	111.9362	104.1326	107.9602	1.892173	37.13048	60.97734	60.97734	0	-9999	6
2441.155	2443.155	1840.655	100.6968	169.0832	104.1163	108.4907	0	48.46643	51.53357	51.53357	0	-9999	6
2441.16	2443.16	1840.66	101.3986	130.5056	103.545	108.8906	0	36.78009	63.21991	63.21991	0	-9999	6
2441.165	2443.165	1840.665	95.71029	224.5517	92.85387	110.2862	19.74223	7.136034	73.12174	47.10916	26.01258	20.20513	6
2441.17	2443.17	1840.67	93.27825	282.6911	90.22597	110.0903	9.42794	10.24037	80.33169	56.90476	23.42693	19.80037	6
2441.175	2443.175	1840.675	97.21194	249.2088	101.6027	110.025	0	53.66719	46.33281	46.33281	0	-9999	6
2441.18	2443.18	1840.68	104.1571	104.2167	106.3198	111.6328	2.193999	40.47772	57.32828	57.32828	0	-9999	6
2441.185	2443.185	1840.685	104.1245	98.15562	107.1604	110.2127	0	48.3275	51.6725	51.6725	0	-9999	6
2441.19	2443.19	1840.69	105.063	90.56932	107.0625	108.7274	5.928219	39.88755	54.18423	46.51843	7.665807	-9999	6
2441.195	2443.195	1840.695	105.2507	83.80893	106.8258	108.3683	10.6805	35.71479	53.60471	49.83419	3.770525	22.83815	6
2441.2	2443.2	1840.7	105.6506	53.37049	105.9118	105.9444	27.86181	21.99568	50.14251	22.16903	27.97348	23.57896	6
2441.205	2443.205	1840.705	103.545	106.4746	105.8465	108.1969	1.135472	40.64264	58.22189	58.22189	0	-9999	6
2441.21	2443.21	1840.71	101.774	150.5737	105.6751	109.6822	0	54.01466	45.98534	45.98534	0	-9999	6
2441.215	2443.215	1840.715	101.9291	128.0412	105.112	108.5315	0	46.46528	53.53472	53.53472	0	-9999	6
2441.22	2443.22	1840.72	98.51773	250.7741	104.5488	109.9271	0	70.26709	29.73291	29.73291	0	-9999	6
2441.225	2443.225	1840.725	104.3693	75.33013	106.1892	108.8661	11.64579	35.7606	52.59361	43.25601	9.337598	22.59434	6
2441.23	2443.23	1840.73	106.2382	38.15128	107.2257	109.013	25.37509	28.72914	45.89577	31.83586	14.05992	22.65023	6
2441.235	2443.235	1840.735	107.4297	83.87553	109.7067	111.0288	3.220242	47.73343	49.04632	49.04632	0	-9999	6
2441.24	2443.24	1840.74	105.5282	79.57952	107.593	108.9967	7.653786	40.77784	51.56837	37.61666	13.95171	-9999	10
2441.245	2443.245	1840.745	108.2867	26.10245	108.3438	108.6294	33.61673	21.75325	44.63003	32.06965	12.56038	23.7309	10
2441.25	2443.25	1840.75	107.2992	30.77812	107.7154	109.3966	30.61076	24.28597	45.10328	29.36243	15.74085	23.12603	10
2441.255	2443.255	1840.755	108.0173	29.21956	108.2132	109.315	32.03492	23.00938	44.95569	16.72895	28.22674	23.38797	10
2441.26	2443.26	1840.76	107.8052	32.17682	108.1316	108.6784	30.5025	24.23398	45.26352	16.09162	29.1719	23.31987	10
2441.265	2443.265	1840.765	108.4336	26.70856	108.5805	109.062	32.63916	22.9376	44.42324	24.50982	19.91342	23.52789	10
2441.27	2443.27	1840.77	109.3231	22.01291	109.2742	108.9559	34.47508	21.81388	43.71104	27.55438	16.15666	23.86427	10
2441.275	2443.275	1840.775	109.0946	22.61902	109.3966	109.3476	31.81892	25.3239	42.85718	19.3564	23.50078	23.34008	10
2441.28	2443.28	1840.78	108.3928	26.5154	108.5315	108.5315	32.78669	22.77999	44.43332	20.84429	23.58903	23.64005	10
2441.285	2443.285	1840.785	107.9521	29.59255	108.001	108.0908	33.14321	21.44146	45.41533	29.09694	16.31839	23.77518	10

2441.29	2443.29	1840.79	108.9559	22.6057	108.9967	109.1599	33.97376	22.29525	43.73099	22.26197	21.46901	23.70758	10
2441.295	2443.295	1840.795	107.0217	26.54205	107.242	107.9602	33.40915	21.6579	44.93295	21.5246	23.40835	23.67693	10
2441.3	2443.3	1840.8	105.6588	36.4795	106.0505	107.3236	30.92994	22.06616	47.0039	18.9365	28.06741	23.44657	10
2441.305	2443.305	1840.805	106.3443	34.96756	106.8585	107.242	29.71639	24.09815	46.18546	14.16994	32.01552	23.37879	10
2441.31	2443.31	1840.81	107.2012	25.80939	107.291	107.3318	34.43325	20.57475	44.992	26.5449	18.4471	23.95472	10
2441.315	2443.315	1840.815	107.0951	31.68394	107.0951	106.5973	33.80496	19.95539	46.23965	19.96543	26.27422	24.06855	10
2441.32	2443.32	1840.82	106.7442	30.95129	106.9646	107.8133	32.59739	21.57158	45.83103	17.5297	28.30133	23.62052	10
2441.325	2443.325	1840.825	106.3117	32.33667	106.7605	107.8623	30.88909	23.24741	45.8635	22.57875	23.28475	23.36288	10
2441.33	2443.33	1840.83	106.9482	38.87727	107.3645	107.8623	28.97362	24.30723	46.71915	34.19615	12.523	23.29741	10
2441.335	2443.335	1840.835	106.8503	32.61641	107.0951	107.5277	31.90708	22.06781	46.02511	26.35971	19.66541	23.61727	10
2441.34	2443.34	1840.84	106.5565	35.02751	106.6789	106.5647	32.54263	20.65607	46.80131	26.57209	20.22922	23.87525	10
2441.345	2443.345	1840.845	106.1648	30.69819	106.4749	106.5075	32.49599	21.61314	45.89087	21.91439	23.97649	23.77577	10
2441.35	2443.35	1840.85	106.0587	35.01419	106.0423	106.328	34.07909	18.72587	47.19503	21.15686	26.03818	24.05653	10
2441.355	2443.355	1840.855	105.3405	39.84304	105.267	104.7937	34.01398	17.68537	48.30065	34.94334	13.35731	24.27875	10
2441.36	2443.36	1840.86	104.9161	37.00567	104.9651	104.9161	34.14232	18.07669	47.78099	21.31073	26.47026	24.18422	10
2441.365	2443.365	1840.865	103.2023	26.48876	103.2104	103.2104	38.5804	15.10371	46.31589	18.0863	28.22959	24.75974	10
2441.37	2443.37	1840.87	102.7697	27.30134	102.7779	103.4471	38.78169	14.70251	46.5158	33.45831	13.05748	24.68124	10
2441.375	2443.375	1840.875	101.5292	30.96461	102.0189	102.9656	35.30474	17.28046	47.4148	26.41927	20.99553	24.18004	10
2441.38	2443.38	1840.88	101.6598	32.28339	101.8638	102.0515	37.07919	15.37017	47.55065	15.71374	31.8369	24.57001	10
2441.385	2443.385	1840.885	101.6843	26.07581	102.1005	102.1984	36.91442	16.57417	46.51141	25.36227	21.14914	24.51075	10
2441.39	2443.39	1840.89	101.7088	30.56498	102.0597	102.5575	36.31151	16.41132	47.27717	26.77845	20.49872	24.39004	10
2441.395	2443.395	1840.895	102.1413	25.59626	102.2964	103.594	38.63398	15.06054	46.30548	17.35925	28.94622	24.53239	10
2441.4	2443.4	1840.9	101.3089	28.87322	101.7169	102.9166	36.64607	16.27816	47.07576	18.67957	28.39619	24.30208	10
2441.405	2443.405	1840.905	101.2925	32.03029	101.8801	102.1087	34.5056	17.81069	47.68371	32.51301	15.1707	24.22684	10
2441.41	2443.41	1840.91	100.7539	48.38845	102.1005	103.594	25.1603	23.92178	50.91792	36.93476	13.98316	23.28922	10
2441.415	2443.415	1840.915	101.064	31.54407	101.5863	101.3823	35.33949	17.02695	47.63357	34.45118	13.18239	24.41499	10
2441.42	2443.42	1840.92	100.0112	46.02398	100.9416	102.2882	29.64146	19.71443	50.64411	30.27942	20.36469	23.66778	10
2441.425	2443.425	1840.925	100.4764	39.43009	101.1293	102.582	32.95968	17.83443	49.20589	33.00707	16.19882	23.90376	10
2441.43	2443.43	1840.93	99.92146	46.08392	100.6968	101.1864	30.91128	18.51026	50.57846	17.47521	33.10325	23.9401	10
2441.435	2443.435	1840.935	98.10151	70.79433	99.43179	100.4275	22.30477	21.76699	55.92824	24.23675	31.69149	23.56497	10
2441.44	2443.44	1840.94	97.53839	39.33018	98.06887	98.78705	36.63558	13.90229	49.46213	22.4147	27.04743	24.50415	10
2441.445	2443.445	1840.945	88.52845	78.58044	88.96099	88.85489	36.18516	9.185728	54.62912	32.01731	22.6118	24.35343	1
2441.45	2443.45	1840.95	75.42975	67.15771	75.32366	75.1033	55.1747	1.622386	43.20291	26.83777	16.36515	25.88636	1
2441.455	2443.455	1840.955	70.55753	63.37455	69.75773	69.5537	65.94885	0	34.05115	10.10908	23.94207	26.46262	1
2441.46	2443.46	1840.96	67.38283	48.69483	67.08902	66.28923	68.50062	0	31.49938	13.60051	17.89887	26.20021	1
2441.465	2443.465	1840.965	65.81588	53.39048	65.04873	63.70213	72.47432	0	27.52568	10.79796	16.72772	26.3303	1
2441.47	2443.47	1840.97	67.82353	90.03648	67.17063	65.30989	60.87346	0.825269	38.30127	25.12994	13.17134	26.07573	1
2441.475	2443.475	1840.975	67.10535	66.77806	66.90948	66.41165	63.62077	0	36.37923	16.61044	19.76879	26.48836	1
2441.48	2443.48	1840.98	66.20762	47.00973	66.11784	65.42414	68.40838	0	31.59162	11.58927	20.00235	26.06955	1
2441.485	2443.485	1840.985	63.69397	54.17641	63.39201	61.7108	70.63107	0	29.36893	14.805	14.56392	26.22486	1
2441.49	2443.49	1840.99	63.81639	74.73734	62.86153	61.00894	70.60264	0	29.39736	14.4324	14.96496	26.69677	1
2441.495	2443.495	1840.995	71.21858	48.68817	71.00639	70.91662	64.34085	0	35.65915	6.10985	29.5493	26.54328	1
2441.5	2443.5	1841	69.04771	44.90501	68.1663	66.73809	72.44001	0	27.55999	7.680555	19.87944	26.33286	1
2441.505	2443.505	1841.005	73.69142	55.16217	73.14462	72.21425	63.09234	0	36.90766	13.75011	23.15754	26.95872	1
2441.51	2443.51	1841.01	73.6751	49.26097	73.52003	74.04235	61.49949	0	38.50051	8.654842	29.84567	26.93426	1
2441.515	2443.515	1841.015	72.24689	60.87687	71.68377	69.90463	63.16485	0	36.83515	17.89114	18.944	27.02975	1
2441.52	2443.52	1841.02	72.68759	53.35717	72.40195	72.59782	62.4287	0	37.5713	17.42361	20.14769	26.78385	1
2441.525	2443.525	1841.025	72.15712	70.64114	71.41445	68.73758	62.27597	0.03412	37.68991	7.329212	30.3607	27.23461	1
2441.53	2443.53	1841.03	71.01455	70.92088	71.44709	71.44709	54.15155	1.736686	44.11176	18.40132	25.71044	25.37299	1
2441.535	2443.535	1841.035	69.39864	58.82543	68.81919	66.78706	66.40819	0	33.59181	14.86501	18.7268	26.70471	1
2441.54	2443.54	1841.04	70.66362	87.4722	71.07168	72.09183	50.65874	2.728522	46.61274	16.7552	29.85753	24.37137	1
2441.545	2443.545	1841.045	70.41062	74.28443	70.23108	69.18645	58.63688	0.860765	40.50236	14.31544	26.18692	26.10417	1
2441.55	2443.55	1841.05	77.68224	69.14919	77.8373	78.03317	50.5965	2.947084	46.45641	21.76834	24.68807	25.2825	4
2441.555	2443.555	1841.055	76.23771	76.57564	75.84597	75.76436	54.36596	1.882149	43.75189	23.02087	20.73101	25.59542	4
2441.56	2443.56	1841.06	62.64118	47.99548	62.17599	61.17217	74.36041	0	25.63959	5.868891	19.7707	26.09882	4
2441.565	2443.565	1841.065	67.52973	63.36123	66.95844	65.35885	66.96668	0	33.03332	13.06686	19.96646	26.56336	4
2441.57	2443.57	1841.07	75.03801	55.98141	75.51952	75.56849	53.68583	1.929171	44.385	27.52642	16.85858	25.83892	4
2441.575	2443.575	1841.075	70.82684	86.84611	70.08418	68.21527	59.57822	0.917799	39.50398	10.59454	28.90944	26.14319	4
2441.58	2443.58	1841.08	71.3818	98.26885	72.32034	73.89545	43.27403	4.527286	52.19869	31.22823	20.97046	23.45399	4
2441.585	2443.585	1841.085	71.51238	97.59614	70.99823	71.16961	54.57504	2.113019	43.31194	25.29661	18.01533	24.81535	4
2441.59	2443.59	1841.09	67.29305	84.36175	66.29739	64.62435	65.39125	0	34.60875	5.535166	29.07359	26.88621	4
2441.595	2443.595	1841.095	67.39099	66.46502	66.98293	65.53024	65.07822	0	34.92178	21.1052	13.81659	26.62107	4
2441.6	2443.6	1841.1	68.41113	96.304	67.48892	65.84036	60.90334	0.96675	38.12991	19.39564	18.73426	25.92881	4
2441.605	2443.605	1841.105	66.41165	82.56342	66.00359	65.92197	62.0834	0.436434	37.48017	18.62196	18.85821	26.04374	4
2441.61	2443.61	1841.11	71.86331	87.0326	71.41445	70.97375	56.30256	1.568722	42.12871	12.44949	29.67923	25.43422	4
2441.615	2443.615	1841.115	71.30019	103.4241	70.32085	69.71692	56.9651	1.742259	41.29264	12.27481	29.01783	25.14492	4
2441.62	2443.62	1841.12	72.29586	73.70497	71.47158	69.33335	62.03937	0.129867	37.83076	7.947758	29.883	27.02992	4
2441.625	2443.625	1841.125	75.93574	94.56562	75.11963	76.09897	53.57915	2.1837	44.23715	18.9695	25.26765	24.89515	4
2441.63	2443.63	1841.13	71.84699	74.57083	70.78604	70.41879	64.07702	0	35.92298	10.77087	25.15211	26.68336	4
2441.635	2443.635	1841.135	71.13697	80.95824	70.46775	69.65163	60.14853	0.682196	39.16928	14.29068	24.8786	26.20275	4
2441.64	2443.64	1841.14	71.16961	64.33366	70.65546	70.05153	62.93991	0	37.06009	12.75907	24.30103	26.78791	4
2441.645	2443.645	1841.145	71.00639	92.61409	69.65163	69.07219	62.76087	0.406249	36.83288	18.83499	17.99789	26.34352	4
2441.65	2443.65	1841.15	75.36446	144.4727	72.56518	66.95844	57.39677	1.842814	40.76041	20.29203	20.46838	25.53271	4

2441.655	2443.655	1841.155	75.57665	116.2522	74.96456	76.65393	47.08014	3.975397	48.94446	30.19328	18.75118	23.55516	4
2441.66	2443.66	1841.16	78.25352	94.6522	78.43307	81.81179	43.70945	4.907192	51.38336	29.00639	22.37697	23.55865	4
2441.665	2443.665	1841.165	81.93421	92.14786	81.46086	82.28514	45.98919	4.265972	49.74483	24.92734	24.81749	24.46801	4
2441.67	2443.67	1841.17	85.50881	48.04876	86.08825	87.41853	45.2134	5.957109	48.82949	28.30454	20.52495	25.12887	4
2441.675	2443.675	1841.175	83.72967	55.74163	83.99083	85.47617	47.45525	4.582885	47.96186	33.38913	14.57274	25.1819	4
2441.68	2443.68	1841.18	82.85643	59.57807	83.04413	80.96303	47.89946	4.250288	47.85025	28.33709	19.51316	25.79651	4
2441.685	2443.685	1841.185	83.17471	61.74273	83.23184	83.5338	48.09478	4.142518	47.7627	16.10417	31.65853	25.35859	4
2441.69	2443.69	1841.19	-8178.14	-6659.82	-8178.14	-8178.14	-9999	-9999	-9999	-9999	-9999	-9999	-9999

Well B24: SS-corrected CI parameters (5mm resampled)

Core Depth	MDRT	Burial Depth	CIave	CIvar	CImed	CImod	clay_norm	sand_norm	silt_norm	CrS_output	ChS_output	PHI_norm	FaciesID_Variation A
m	m	m	unitless	unitless	unitless	unitless	%	%	%	%	%	%	unitless
1915.11	1916.524	1272.024	78.32332	79.49543	78.31096	78.13791	48.80045	3.462789	47.73676	27.28712	20.44964	30.08437	2
1915.115	1916.529	1272.029	75.7152	43.66672	75.43091	74.92412	61.97797	0	38.02203	17.83678	20.18525	32.36223	2
1915.12	1916.534	1272.034	80.49881	61.97068	80.437	80.21451	51.42317	2.853661	45.72317	27.90937	17.8138	30.84902	2
1915.125	1916.539	1272.039	80.96851	53.79654	80.30103	79.3369	57.66317	0.895978	41.44085	17.94317	23.49768	32.11885	2
1915.13	1916.544	1272.044	78.74358	65.14867	78.28624	77.24793	55.33437	1.588796	43.07684	16.61805	26.45878	31.4024	2
1915.135	1916.549	1272.049	83.7126	90.817	83.67551	77.97722	41.29409	6.038022	52.66789	36.81958	15.84831	30.49242	2
1915.14	1916.554	1272.054	79.67064	75.17154	78.4222	77.90305	58.18686	0.642799	41.17034	19.51351	21.65683	31.64187	2
1915.145	1916.559	1272.059	83.4901	70.64902	82.53833	82.7979	53.46831	1.9263	44.60539	20.8764	23.72899	31.07606	2
1915.15	1916.564	1272.064	90.74585	46.8447	90.93126	91.49986	43.74046	7.360275	48.89926	33.51033	15.38893	30.36001	2
1915.155	1916.569	1272.069	92.34039	41.28323	92.47635	92.42691	44.00255	7.765722	48.23173	21.53129	26.70044	30.58656	2
1915.16	1916.574	1272.074	89.97949	65.88205	89.90532	89.83116	41.85019	7.11232	51.03749	23.81102	27.22647	30.07436	2
1915.165	1916.579	1272.079	85.80156	131.8863	84.4048	77.14905	39.97098	5.286209	54.74281	22.26203	32.48078	30.18695	2
1915.17	1916.584	1272.084	80.47408	61.81789	79.59647	77.90305	57.8054	0.790058	41.40454	15.20497	26.19957	32.09988	2
1915.175	1916.589	1272.089	84.08342	42.19996	83.06984	81.68544	60.28611	0	39.71389	24.86592	14.84797	33.0598	2
1915.18	1916.594	1272.094	83.144	60.04556	82.87207	81.40114	51.084	3.055847	45.86016	19.27089	26.58926	31.20155	2
1915.185	1916.599	1272.099	82.55069	61.86373	82.67429	80.07854	48.12439	4.09582	47.77979	29.96736	17.81243	30.97531	2
1915.19	1916.604	1272.104	82.09334	41.98605	82.26639	81.17865	52.97236	2.713625	44.31401	21.40493	22.90908	31.64677	2
1915.195	1916.609	1272.109	83.39122	49.19763	83.8362	82.57541	47.92561	4.548691	47.5257	24.93424	22.59145	30.93969	2
1915.2	1916.614	1272.114	85.1588	58.5024	85.33185	86.12294	46.15518	5.133675	48.71114	22.61039	26.10075	30.28366	2
1915.205	1916.619	1272.119	87.32193	61.13035	86.18474	84.30591	53.68348	1.73695	44.57957	19.17206	25.40751	31.90348	2
1915.21	1916.624	1272.124	88.26135	60.33585	88.63217	89.00299	41.32442	7.558068	51.11752	27.80342	23.31409	29.94681	2
1915.215	1916.629	1272.129	88.57036	61.26786	89.02771	90.69641	40.144	8.13962	51.71638	27.07788	24.6385	29.60006	2
1915.22	1916.634	1272.134	90.09073	53.33818	90.5728	92.35275	40.47265	8.657522	50.86982	20.17604	30.69378	29.71706	2
1915.225	1916.639	1272.139	91.63583	49.77823	91.85832	90.05365	41.92439	8.28133	49.79428	29.97117	19.82311	30.58657	2
1915.23	1916.644	1272.144	87.91525	83.22345	88.18718	86.4196	36.8704	8.531841	54.59776	34.23001	20.36775	29.73773	2
1915.235	1916.649	1272.149	85.71503	50.40466	85.19588	84.08342	52.96766	2.557415	44.47493	13.61699	30.85793	31.69591	2
1915.24	1916.654	1272.154	89.06479	46.14188	89.27493	88.7805	45.26553	6.427888	48.30658	32.95571	15.35087	30.70018	2
1915.245	1916.659	1272.159	88.27371	87.22649	89.69519	90.72113	26.66288	13.54538	59.79174	35.40347	24.38827	28.90322	2
1915.25	1916.664	1272.164	88.53328	40.58041	88.52092	88.47148	48.82472	4.897263	46.27802	29.27624	17.00178	31.13067	2
1915.255	1916.669	1272.169	85.24533	75.43128	86.40724	88.64453	34.31514	9.647114	56.03775	22.01562	34.02213	28.91869	2
1915.26	1916.674	1272.174	80.46172	41.84855	80.26395	81.73488	57.3806	1.136614	41.48279	12.74532	28.73747	31.80501	2
1915.265	1916.679	1272.179	83.09456	54.42297	82.60013	82.69902	54.21447	2.020494	43.76503	24.47128	19.29375	31.46247	2
1915.27	1916.684	1272.184	82.24167	53.21595	81.56183	80.35048	56.72817	1.169322	42.10251	30.19728	11.90523	32.0895	2
1915.275	1916.689	1272.189	85.92517	57.90653	85.49254	84.25647	50.28831	3.424113	46.28757	23.83158	22.45599	31.22265	2
1915.28	1916.694	1272.194	90.33795	129.2889	88.9041	87.16124	36.71346	6.081855	57.20468	33.87668	23.328	29.33578	2
1915.285	1916.699	1272.199	95.05975	117.3868	93.94728	90.58516	32.75904	8.30906	58.9319	40.01528	18.91662	29.82207	2
1915.29	1916.704	1272.204	92.61232	137.5242	89.95477	89.15132	42.11188	2.080433	55.80769	21.79878	34.00891	29.73479	2
1915.295	1916.709	1272.209	93.6259	127.211	92.16734	91.01779	34.38299	6.784512	58.8325	24.773	34.0595	29.35181	2
1915.3	1916.714	1272.214	84.57785	87.51678	82.56305	80.79546	56.62401	0.24299	43.133	21.05755	22.07544	31.77259	2
1915.305	1916.719	1272.219	85.67795	51.36722	84.57785	82.82262	57.27123	0.751919	41.97685	28.57226	13.40459	32.53749	2
1915.31	1916.724	1272.224	82.39	51.65751	81.84613	79.89313	55.91509	1.478071	42.60684	25.37851	17.22833	32.12338	2
1915.315	1916.729	1272.229	88.50856	118.1049	88.91646	89.55922	26.82949	11.74533	61.42519	44.74405	16.68113	28.65517	2
1915.32	1916.734	1272.234	88.27371	92.02402	90.05365	92.08081	22.7238	15.34105	61.93515	29.75764	32.17752	28.738	2
1915.325	1916.738	1272.238	84.04634	82.24561	83.57663	83.7744	46.41417	4.281907	49.30392	23.41598	25.88795	30.01493	2
1915.33	1916.743	1272.243	84.38008	37.76911	84.60257	84.15758	51.50588	3.539207	44.95491	29.67381	15.2811	31.47135	2
1915.335	1916.748	1272.248	78.32332	23.59042	78.48401	79.13913	60.98832	0.089482	38.92219	22.03301	16.88919	32.84452	2
1915.34	1916.753	1272.253	84.93631	59.75526	84.98575	82.41472	47.01464	4.717936	48.26742	29.53985	18.72757	30.97464	2
1915.345	1916.758	1272.258	86.8275	67.39464	86.67917	83.60135	44.95874	5.399304	49.64195	16.72245	32.91951	30.81179	2
1915.35	1916.763	1272.263	87.32193	72.00883	86.61737	85.17116	47.69804	3.964414	48.33755	20.45396	27.88358	30.79869	2
1915.355	1916.768	1272.268	86.58029	65.86677	87.13652	88.97827	40.09557	7.666299	52.23813	29.23707	23.00106	29.46238	2
1915.36	1916.773	1272.273	88.99063	81.6039	90.04129	92.99551	30.23785	12.18765	57.5745	34.51074	23.06376	28.63141	2
1915.365	1916.778	1272.278	85.96225	45.54601	86.20946	85.64087	47.97668	4.888661	47.13466	15.03961	32.09504	30.95915	2
1915.37	1916.783	1272.283	84.98575	59.60247	84.91159	85.29477	47.96408	4.331899	47.70402	20.60264	27.10138	30.54699	2
1915.375	1916.788	1272.288	71.75977	37.15796	70.96868	70.67202	71.11971	0	28.88029	10.64445	18.23584	31.27184	2
1915.38	1916.793	1272.293	77.29738	102.9942	75.14661	75.6534	60.63027	0.306827	39.0629	23.62668	15.43622	31.13308	2
1915.385	1916.798	1272.298	79.41106	39.34283	79.31218	78.80539	58.18722	0.883301	40.92947	11.94038	28.98909	32.29979	2
1915.39	1916.803	1272.303	78.92899	39.83175	78.83011	78.61998	58.51241	0.76799	40.7196	25.18844	15.53116	32.26745	2
1915.395	1916.808	1272.308	81.04268	46.64608	81.40114	81.98209	51.37431	3.12099	45.5047	17.4702	28.0345	30.98647	2
1915.4	1916.813	1272.313	81.4135	86.79868	82.7979	85.4431	33.36518	8.863038	57.77178	22.16471	35.60707	28.588	2
1915.405	1916.818	1272.318	80.14035	75.29377	81.0674	85.39366	40.86512	6.184892	52.94999	20.87764	32.07235	28.72919	2
1915.41	1916.823	1272.323	86.33307	39.12892	86.74098	84.51604	47.94312	5.201014	46.85587	18.39834	28.45753	31.35647	2
1915.415	1916.828	1272.328	85.82628	54.74383	86.27127	87.71747	44.34317	6.117838	49.53899	32.45343	17.08556	30.04047	2
1915.42	1916.833	1272.333	79.55939	58.45657	78.2986	76.37032	62.43003	0	37.56997	11.05344	26.51653	32.27064	2
1915.425	1916.838	1272.338	78.61998	85.19441	78.31096	76.86475	49.44747	3.250252	47.30228	30.32514	16.97714	30.29504	2
1915.43	1916.843	1272.343	78.3604	61.34425	77.70528	75.77701	58.14029	0.789392	41.07032	14.36762	26.70269	32.07068	2
1915.435	1916.848	1272.348	76.72878	58.54824	76.82767	77.14905	54.47448	1.818881	43.70664	17.94184	25.7648	31.03729	2
1915.44	1916.853	1272.353	84.56549	46.81414	85.4431	87.4579	44.06924	6.353849	49.57691	35.01271	14.56421	29.98358	2
1915.445	1916.858	1272.358	85.80156	62.59711	86.12294	86.87694	43.42338	6.213038	50.36359	26.0757	24.28788	29.9705	2

1915.45	1916.863	1272.363	78.84247	61.14563	78.2986	78.22443	56.8827	1.144738	41.97257	21.90831	20.06426	31.55104	2
1915.455	1916.868	1272.368	75.97478	44.41538	75.76465	74.55329	60.98321	0.016361	39.00043	22.52092	16.47951	32.64332	2
1915.46	1916.873	1272.373	84.10814	68.02107	83.31705	82.05626	52.29033	2.384216	45.32545	24.56447	20.76098	31.25921	2
1915.465	1916.878	1272.378	85.851	66.23346	85.80156	85.93753	45.37176	5.229588	49.39865	21.12058	28.27807	30.23598	2
1915.47	1916.883	1272.383	86.30835	49.22819	86.4196	87.96469	47.82094	4.837215	47.34185	31.08319	16.25866	30.51166	2
1915.475	1916.888	1272.388	86.56793	83.31512	86.50612	87.01291	40.67423	6.659366	52.66641	24.52506	28.14135	29.52886	2
1915.48	1916.893	1272.393	86.45668	66.921	86.8275	86.74098	41.3911	7.011582	51.59732	33.07793	18.51938	29.90547	2
1915.485	1916.898	1272.398	83.4901	72.72693	83.73732	86.04877	43.67327	5.582233	50.74449	23.32922	27.41527	29.47477	2
1915.49	1916.903	1272.403	81.90793	126.5388	82.63721	86.25891	28.37038	9.916736	61.71288	29.48806	32.22482	27.78117	2
1915.495	1916.908	1272.408	84.92395	304.842	81.38878	79.1144	15.49577	10.70986	73.79437	45.54514	28.24923	26.94059	2
1915.5	1916.913	1272.413	84.02161	221.8019	80.56061	77.08724	35.84685	5.377805	58.77535	38.18491	20.59043	27.64558	2
1915.505	1916.918	1272.418	82.67429	65.51536	82.77318	84.59021	47.31857	4.320193	48.36124	20.01948	28.34176	30.01197	2
1915.51	1916.923	1272.423	84.26883	52.87982	85.097	86.09822	43.25745	6.438399	50.30415	18.8993	31.40485	30.00016	8
1915.515	1916.928	1272.428	89.46034	34.63697	89.46034	89.1266	49.31434	5.027716	45.65794	22.42814	23.2298	31.34841	8
1915.52	1916.933	1272.433	88.12538	26.46283	88.24898	87.69275	51.56269	4.2522	44.18511	17.82742	26.35769	31.78202	8
1915.525	1916.938	1272.438	84.89923	42.61248	85.41838	86.65445	47.55707	5.070124	47.3728	20.29903	27.07377	30.57808	8
1915.53	1916.943	1272.443	89.04007	44.14036	88.9041	89.37381	48.45492	4.913265	46.63182	18.37184	28.25997	30.95971	8
1915.535	1916.948	1272.448	89.22548	27.30316	89.39853	90.18962	49.96405	5.098723	44.93722	27.61152	17.32571	31.30694	8
1915.54	1916.953	1272.453	88.53328	36.02733	88.18718	88.00177	52.51304	3.319914	44.16704	14.5124	29.65464	31.77511	8
1915.545	1916.958	1272.458	88.47148	41.68048	88.558	89.38617	47.84899	5.319391	46.83161	20.02033	26.81129	30.81563	8
1915.55	1916.963	1272.463	88.71869	38.65528	88.40967	88.48384	51.41912	3.721454	44.85943	18.26311	26.59632	31.52689	8
1915.555	1916.968	1272.468	89.70755	67.40992	88.99063	87.93997	46.712	4.505373	48.78263	19.96121	28.82142	30.78486	8
1915.56	1916.973	1272.473	85.80156	75.2021	85.7274	87.33429	43.43843	5.730797	50.83077	17.0957	33.73507	29.64159	8
1915.565	1916.978	1272.478	87.54442	96.14929	87.55678	87.44554	36.09521	8.248473	55.65632	22.67744	32.97888	29.22103	8
1915.57	1916.983	1272.483	80.53589	92.49766	79.97966	77.75472	47.83335	3.673378	48.49327	21.11766	27.37561	30.23573	8
1915.575	1916.988	1272.488	81.78432	98.97586	81.73488	77.11197	41.18945	5.828124	52.98243	21.11116	31.87126	30.05872	8
1915.58	1916.993	1272.493	86.5432	68.49472	87.01291	86.87694	40.1643	7.51433	52.32137	18.65306	33.66832	29.79683	8
1915.585	1916.998	1272.498	84.16994	74.23953	84.31827	84.35535	43.44814	5.675923	50.87594	23.54321	27.33273	29.87783	8
1915.59	1917.003	1272.503	86.90167	51.87142	87.61859	88.75577	41.94144	7.490411	50.56815	34.44019	16.12796	29.92549	8
1915.595	1917.008	1272.508	86.79042	54.82022	87.12416	88.52092	44.29984	6.23855	49.46161	28.76541	20.69621	30.07158	8
1915.6	1917.013	1272.513	87.1736	66.96684	88.28607	90.56044	34.9727	10.15882	54.86848	24.67318	30.1953	29.06002	8
1915.605	1917.018	1272.518	92.10553	86.12641	91.22792	88.66925	41.22181	6.073276	52.70491	23.13893	29.56598	30.38079	8
1915.61	1917.023	1272.523	87.09944	78.22729	86.91403	87.40846	42.37445	6.120233	51.50532	23.43597	28.06934	29.76332	8
1915.615	1917.028	1272.528	82.66193	61.11507	82.06862	79.62119	53.75937	2.060895	44.17974	30.44397	13.73577	31.72278	8
1915.62	1917.032	1272.532	84.73854	66.89045	84.4048	83.18108	48.43954	3.905703	47.65476	25.70444	21.95032	30.78112	8
1915.625	1917.037	1272.537	78.18735	88.05154	78.24915	79.32454	46.28019	4.168984	49.55083	34.77152	14.77931	29.42454	8
1915.63	1917.042	1272.542	82.17987	35.55369	82.36528	80.74602	54.35359	2.348458	43.29795	28.7105	14.58745	32.06344	8
1915.635	1917.047	1272.547	80.91907	23.8196	80.51117	79.1144	62.95137	0	37.04863	21.80264	15.24599	33.08971	8
1915.64	1917.052	1272.552	83.91037	47.24195	83.81148	84.38008	52.13627	2.987602	44.87612	28.0463	16.82982	31.21101	8
1915.645	1917.057	1272.557	86.37015	45.74463	86.59265	87.74219	47.74494	5.018091	47.23697	34.11343	13.12354	30.62135	8
1915.65	1917.062	1272.562	87.97705	35.08005	87.84108	88.34787	51.6255	3.787488	44.58702	14.08123	30.50579	31.48886	8
1915.655	1917.067	1272.567	86.8275	43.65144	86.85222	87.13652	49.36346	4.404884	46.23166	17.43491	28.79675	31.04092	8
1915.66	1917.072	1272.572	86.8893	47.51697	86.28363	85.51726	53.25672	2.497652	44.24563	29.28507	14.96056	31.77871	8
1915.665	1917.077	1272.577	85.29477	35.64537	85.20824	85.61615	53.5732	2.803965	43.62283	21.36797	22.25486	31.69847	8
1915.67	1917.082	1272.582	86.72861	60.58031	86.66681	85.20824	46.02822	5.197655	48.77413	35.02135	13.75278	30.71431	8
1915.675	1917.087	1272.587	80.77074	90.34335	80.68422	80.0909	44.49839	4.795986	50.70562	34.42308	16.28254	29.66453	2
1915.68	1917.092	1272.592	77.58167	103.59	78.54581	80.90671	36.08401	7.088113	56.82788	35.66693	21.16095	28.28105	2
1915.685	1917.097	1272.597	78.4222	50.83246	78.52109	78.73122	54.78375	1.816457	43.39979	12.99142	30.40837	31.34079	2
1915.69	1917.102	1272.602	81.53711	62.35265	82.48888	83.25525	42.52025	6.039916	51.43983	25.82577	25.61406	29.76152	2
1915.695	1917.107	1272.607	81.71016	41.35962	81.63599	83.21817	55.3924	1.845298	42.7623	16.18956	26.57274	31.51939	2
1915.7	1917.112	1272.612	80.90671	80.07602	80.17743	75.23313	51.83937	2.497094	45.66353	25.45892	20.20461	31.46858	2
1915.705	1917.117	1272.617	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1916	1917.411	1272.911	94.39227	90.78644	93.972	94.39227	34.44585	9.666982	55.88717	27.97514	27.91203	29.32078	2
1916.005	1917.416	1272.916	99.386	68.67806	99.12643	98.17465	33.95649	12.49103	53.55248	36.64683	16.90565	29.69795	2
1916.01	1917.421	1272.921	99.79391	54.40769	100.3131	100.7828	30.99953	17.13941	51.86106	30.08554	21.77552	29.09954	2
1916.015	1917.426	1272.926	87.30957	93.75052	88.01413	88.50856	31.52722	10.51802	57.95476	22.3702	35.58456	28.95982	2
1916.02	1917.431	1272.931	90.64697	67.85301	90.42447	91.92012	41.90868	6.978973	51.11234	24.64977	26.46257	29.78879	2
1916.025	1917.436	1272.936	86.5432	61.26786	87.01291	87.66803	41.9132	7.026517	51.06029	24.12761	26.93268	29.88361	2
1916.03	1917.441	1272.941	81.01796	77.79949	80.93143	80.85727	47.30657	4.032579	48.66085	25.09895	23.5619	30.06858	2
1916.035	1917.446	1272.946	80.58533	62.67351	81.3517	81.66072	44.75518	5.10523	50.13959	35.59899	14.5406	29.99406	2
1916.04	1917.451	1272.951	83.19345	63.83469	83.55191	83.72496	45.23596	5.186354	49.57769	21.81722	27.76047	30.13929	2
1916.045	1917.456	1272.956	76.82767	48.41842	76.82767	76.64226	57.60129	0.952209	41.4465	25.66464	15.78186	31.81959	2
1916.05	1917.461	1272.961	79.41106	50.25187	78.81775	78.33568	59.37906	0.43716	40.18378	16.45555	23.72822	32.29786	2
1916.055	1917.466	1272.966	80.07854	63.14715	79.683	79.36162	54.11159	1.964238	43.92417	17.59803	26.32614	31.19326	2
1916.06	1917.471	1272.971	82.13042	46.72247	81.8214	79.13913	55.52806	1.708603	42.76333	12.35835	30.40498	32.25622	2
1916.065	1917.476	1272.976	81.99445	31.84095	81.64835	81.53711	59.54187	0.558682	39.89945	13.7636	26.13585	32.74274	2
1916.07	1917.481	1272.981	79.88077	30.03806	79.43578	79.64592	62.68913	0	37.31087	11.78054	25.53033	32.60254	2
1916.075	1917.486	1272.986	82.01918	30.78672	82.55069	83.25525	52.97276	2.939931	44.08731	29.84033	14.24698	31.49012	2
1916.08	1917.491	1272.991	78.61998	48.3573	79.69536	81.17865	47.63293	4.065111	48.30196	23.70908	24.59287	30.24534	2
1916.085	1917.496	1272.996	77.6682	54.46881	77.85361	78.33568	53.92687	2.020016	44.05311	19.60856	24.44455	31.05284	2
1916.09	1917.501	1273.001	84.44188	90.19057	84.54077	82.92151	39.72099	6.715555	53.56346	22.43532	31.12813	29.66364	2
1916.095	1917.506	1273.006	79.1144	51.76447	78.55817	78.00194	58.99855	0.551365	40.45008	18.98258	21.46751	32.19512	2
1916.1	1917.511	1273.011	75.17133	44.9043	74.56566	73.3543	64.66952	0	35.33048	5.901746	29.42873	32.04288	2

1916.105	1917.516	1273.016	77.17377	53.73543	77.64348	76.85239	52.35592	2.444412	45.19966	26.09993	19.09974	31.06255	2
1916.11	1917.521	1273.021	84.93631	88.90715	85.48018	88.34787	36.12806	8.295364	55.57658	33.5585	22.01808	28.67574	2
1916.115	1917.526	1273.026	75.83881	79.69405	76.50629	76.76587	45.76937	4.170572	50.06006	25.39781	24.66225	29.57841	2
1916.12	1917.531	1273.031	78.85483	91.04618	77.86597	75.43091	53.08404	2.152594	44.76337	26.03942	18.72395	30.82832	2
1916.125	1917.536	1273.036	76.56809	59.28162	75.73992	73.56444	61.62951	0	38.37049	25.06757	13.30292	32.52715	2
1916.13	1917.541	1273.041	83.47774	41.83327	83.78676	84.30591	50.68193	3.678431	45.63963	14.1024	31.53723	31.07337	2
1916.135	1917.546	1273.046	79.75716	41.89438	79.49759	78.0143	58.49668	0.76995	40.73337	19.39197	21.3414	32.49966	2
1916.14	1917.551	1273.051	83.68787	47.04333	84.25647	85.70267	47.21607	4.923223	47.86071	15.25699	32.60372	30.39123	2
1916.145	1917.556	1273.056	70.69675	82.47479	69.39887	64.18264	65.05864	0	34.94136	5.867407	29.07395	32.64642	2
1916.15	1917.561	1273.061	74.12067	92.08513	72.26656	70.2394	63.89373	0	36.10627	18.68765	17.41862	32.00997	2
1916.155	1917.566	1273.066	83.79912	84.87356	82.56305	80.14035	51.94497	2.151104	45.90392	25.10966	20.79426	31.12546	2
1916.16	1917.571	1273.071	84.04634	64.00276	84.00925	82.48888	47.47609	4.361127	48.16278	16.67752	31.48527	30.72553	2
1916.165	1917.576	1273.076	84.42952	41.89438	83.7744	83.19345	57.26357	1.124622	41.61181	25.44455	16.16725	32.37606	2
1916.17	1917.581	1273.081	92.03137	47.01277	91.47514	90.43683	48.26486	4.820619	46.91452	22.6137	24.30082	31.30451	2
1916.175	1917.586	1273.086	90.2267	69.06003	90.10309	89.78172	41.23686	7.253885	51.50925	35.23712	16.27214	30.02854	2
1916.18	1917.591	1273.091	90.58516	65.86677	90.31323	90.68405	42.8294	6.605048	50.56556	16.67197	33.89358	30.10898	3
1916.185	1917.596	1273.096	93.18092	108.8918	94.67657	95.52946	16.33047	19.74832	63.92121	44.08752	19.83369	28.97361	3
1916.19	1917.601	1273.101	92.37747	161.1604	93.40341	93.08203	8.060861	20.14527	71.79387	51.51233	20.28154	29.63866	3
1916.195	1917.606	1273.106	91.58638	236.1945	90.07837	89.48506	10.26854	13.33469	76.39678	70.14882	6.247953	28.83872	3
1916.2	1917.611	1273.111	92.85954	226.7675	91.09195	93.78659	13.39028	11.91266	74.69706	45.60193	29.09513	28.10147	3
1916.205	1917.616	1273.116	89.06479	230.358	87.06235	86.65445	17.83266	10.51627	71.65107	45.63242	26.01865	27.93287	3
1916.21	1917.62	1273.12	85.07228	144.6441	84.67673	86.25891	29.7951	9.082447	61.12246	31.49663	29.62582	27.9864	3
1916.215	1917.625	1273.125	79.94257	109.121	78.78066	78.43456	49.05035	3.186811	47.76284	28.29464	19.46819	29.66754	3
1916.22	1917.63	1273.13	86.04877	163.712	84.59021	82.66193	32.52071	7.293824	60.18546	30.10535	30.08012	28.43378	3
1916.225	1917.635	1273.135	89.50978	278.6389	84.80034	79.50995	26.71854	4.606937	68.67452	35.63133	33.04319	27.79155	3
1916.23	1917.64	1273.14	94.40463	381.2053	87.18596	82.03154	16.84074	0.2144	82.94486	49.00523	33.93963	27.8997	3
1916.235	1917.645	1273.145	89.83116	352.8326	83.7744	82.58777	18.90973	5.296315	75.79396	42.73646	33.0575	26.3794	3
1916.24	1917.65	1273.15	93.29216	328.356	89.1884	85.25769	6.51322	9.03883	84.44795	74.48304	9.964906	-9999	3
1916.245	1917.655	1273.155	98.44659	354.1771	96.5554	90.84474	0	21.28615	78.71385	78.71385	0	-9999	3
1916.25	1917.66	1273.16	103.5021	408.3403	101.0918	103.3044	0	22.70534	77.29466	77.29466	0	-9999	3
1916.255	1917.665	1273.165	128.4337	132.5586	131.1902	128.99	0	100	0	0	0	-9999	3
1916.26	1917.67	1273.17	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1916.34	1917.75	1273.25	78.12555	80.82468	76.66698	75.49271	59.86881	0.31095	39.82024	26.86917	12.95107	31.82281	3
1916.345	1917.755	1273.255	83.11928	110.5113	82.32819	82.16751	42.91744	4.972861	52.1097	31.31318	20.79652	29.23479	3
1916.35	1917.76	1273.26	85.62851	95.82843	85.30713	83.45302	40.52198	6.235693	53.24233	35.60571	17.63662	29.73203	2
1916.355	1917.765	1273.265	83.24289	88.296	83.11928	81.61127	43.00687	5.430315	51.56282	30.21835	21.34447	29.85914	2
1916.36	1917.77	1273.27	81.01796	100.4121	80.6595	77.81653	43.94183	4.849784	51.20838	29.27753	21.93085	29.86164	2
1916.365	1917.775	1273.275	75.9377	74.05619	75.83881	74.70162	52.98209	2.233613	44.7843	18.08083	26.70347	30.73211	2
1916.37	1917.78	1273.28	73.09473	81.61918	72.98348	72.8846	53.86317	2.028644	44.10819	22.95624	21.15194	30.32812	2
1916.375	1917.785	1273.285	78.24915	244.8423	74.68926	74.269	36.34811	7.142118	56.50978	22.82054	33.68924	25.98087	2
1916.38	1917.79	1273.29	83.8362	185.1939	82.68666	84.51604	26.96276	9.178413	63.85883	34.94361	28.91523	27.27845	2
1916.385	1917.795	1273.295	82.84735	89.97666	84.31827	86.37015	30.60641	10.16394	59.22965	33.65874	25.57091	28.63885	2
1916.39	1917.8	1273.3	78.81775	58.41073	78.31096	77.87833	57.2799	1.039259	41.68084	19.54851	22.13233	31.72605	2
1916.395	1917.805	1273.305	78.58289	48.05172	78.80539	79.36162	54.3509	1.971172	43.67793	26.85565	16.82228	31.267	2
1916.4	1917.81	1273.31	80.0291	45.92798	80.06618	80.67186	54.97127	1.863963	43.16477	28.67066	14.49411	31.46246	2
1916.405	1917.815	1273.315	78.7683	53.96461	79.04024	78.97844	52.36622	2.550907	45.08287	29.81743	15.26544	30.99673	2
1916.41	1917.82	1273.32	79.55939	76.31745	79.10204	77.75472	51.88098	2.558821	45.5602	29.50303	16.05717	30.7907	2
1916.415	1917.825	1273.325	78.38512	42.61248	78.23679	78.0761	58.72302	0.679007	40.59798	24.14149	16.45649	32.20377	2
1916.42	1917.83	1273.33	78.49637	65.39313	78.6447	78.65706	50.80866	2.938669	46.25267	27.9544	18.29827	30.5515	2
1916.425	1917.835	1273.335	81.07976	95.30895	79.52231	78.50873	54.41211	1.500572	44.08732	17.32074	26.76658	30.83678	2
1916.43	1917.84	1273.34	80.7831	57.47872	79.99202	79.53467	57.90062	0.785343	41.31404	14.76745	26.54659	31.97707	8
1916.435	1917.845	1273.345	81.24045	40.67208	81.25281	81.61127	55.32035	1.86552	42.81413	29.48004	13.33409	31.71599	8
1916.44	1917.85	1273.35	80.61005	50.25187	80.70894	80.30103	52.91143	2.515405	44.57316	23.50613	21.06703	31.29152	8
1916.445	1917.855	1273.355	82.48888	50.40466	82.84735	83.27997	49.13423	3.972533	46.89324	29.47804	17.4152	30.71023	8
1916.45	1917.86	1273.36	83.0822	44.6904	82.83498	82.68666	54.66521	2.069111	43.26567	17.10096	26.16472	31.72764	8
1916.455	1917.865	1273.365	87.56914	52.62008	87.97705	87.96469	43.54107	6.784891	49.67404	21.73182	27.94222	30.29337	8
1916.46	1917.87	1273.37	82.0439	147.3332	81.78432	78.12555	30.8767	8.60683	60.51647	41.82609	18.69038	28.7467	8
1916.465	1917.875	1273.375	81.63599	123.3608	79.79424	78.32332	49.31513	2.770364	47.9145	27.53224	20.38226	29.76863	8
1916.47	1917.88	1273.38	82.36528	122.933	80.28867	76.86475	50.56784	2.231599	47.20056	18.50651	28.69405	30.35175	8
1916.475	1917.885	1273.385	89.86824	88.02098	90.72113	92.61232	29.41024	12.42793	58.16183	42.72198	15.43985	28.74611	8
1916.48	1917.89	1273.39	85.88809	80.13714	86.59265	86.87694	36.12942	8.762806	55.10777	23.4186	31.68917	29.29325	8
1916.485	1917.895	1273.395	88.16246	56.82174	88.33551	88.54564	43.79854	6.508591	49.69287	26.94746	22.74541	30.24809	8
1916.49	1917.9	1273.4	81.19101	73.50615	81.16629	84.00925	47.70738	3.965638	48.32699	28.34667	19.98031	29.65278	8
1916.495	1917.905	1273.405	79.44814	73.96452	78.61998	77.21085	55.4266	1.494574	43.07882	22.32085	20.75797	31.34822	8
1916.5	1917.91	1273.41	85.69031	189.3803	81.62363	74.92412	46.85165	1.379265	51.76909	34.44219	17.32689	29.72602	8
1916.505	1917.914	1273.414	90.8571	256.011	89.73227	80.63477	3.174204	16.02655	80.79924	80.79924	0	-9999	8
1916.51	1917.919	1273.419	96.07333	204.7202	99.64558	102.3155	0	42.59122	57.40878	57.40878	0	-9999	8
1916.515	1917.924	1273.424	99.6703	165.7594	103.5887	106.0361	0	50.0037	49.9963	49.9963	0	-9999	8
1916.52	1917.929	1273.429	102.5751	123.1774	104.7753	106.0361	0	38.92967	61.07033	61.07033	0	-9999	8
1916.525	1917.934	1273.434	105.3933	103.3456	108.0632	110.8444	0	48.16716	51.83284	51.83284	0	-9999	8
1916.53	1917.939	1273.439	102.6369	113.2768	105.1214	107.9767	0	40.86507	59.13493	59.13493	0	-9999	8
1916.535	1917.944	1273.444	93.40341	117.2034	93.89784	96.25874	21.87381	15.3826	62.74359	28.99778	33.74581	28.46907	8
1916.54	1917.949	1273.449	84.42952	115.6603	83.46538	81.52475	41.80712	5.175742	53.01714	33.3008	19.71634	29.47632	8

1916.545	1917.954	1273.454	79.02788	113.4907	78.86719	87.02527	41.07495	5.62352	53.30153	29.47817	23.82336	27.27937	8
1916.55	1917.959	1273.459	80.0291	104.6901	80.01674	86.09822	41.13402	5.706243	53.15974	25.58544	27.5743	27.88236	8
1916.555	1917.964	1273.464	82.68666	116.2561	82.7979	84.88687	34.93213	7.785696	57.28218	30.23473	27.04745	28.27617	8
1916.56	1917.969	1273.469	82.77318	124.3081	82.64957	81.63599	34.72408	7.687729	57.58819	36.8969	20.69129	28.71663	8
1916.565	1917.974	1273.474	86.02405	278.2416	85.28241	83.13164	0	17.31764	82.68236	82.68236	0	-9999	8
1916.57	1917.979	1273.479	91.72235	254.0248	89.86824	86.32071	8.510788	13.14202	78.34719	69.07629	9.270898	29.43409	8
1916.575	1917.984	1273.484	89.8806	188.0511	90.1649	90.11546	9.598186	16.78617	73.61564	59.31187	14.30378	29.18333	8
1916.58	1917.989	1273.489	84.93631	153.4905	84.33063	82.09334	29.40788	8.972628	61.61949	43.87888	17.74061	28.55122	8
1916.585	1917.994	1273.494	87.01291	290.5563	82.95859	75.85117	21.05447	8.01184	70.93369	48.33215	22.60154	27.8307	8
1916.59	1917.999	1273.499	90.94362	372.1755	95.07211	104.6146	0	48.4961	51.5039	51.5039	0	-9999	8
1916.595	1918.004	1273.504	95.8632	289.334	100.5479	107.2474	0	55.49445	44.50555	44.50555	0	-9999	8
1916.6	1918.009	1273.509	92.68649	127.2263	94.61476	95.93736	8.995543	22.71506	68.2894	47.2532	21.0362	29.3837	8
1916.605	1918.014	1273.514	87.30957	89.27384	87.16124	85.94989	39.22047	7.09206	53.68746	32.53817	21.1493	29.68189	8
1916.61	1918.019	1273.519	84.1205	172.4056	82.50124	80.6595	33.43621	7.032455	59.53133	27.27886	32.25247	28.14186	2
1916.615	1918.024	1273.524	85.851	173.3529	81.64835	77.71764	51.6362	0	48.3638	18.73464	29.62916	29.94796	2
1916.62	1918.029	1273.529	86.50612	171.8097	83.72496	80.15271	40.39044	3.810531	55.79903	35.40526	20.39377	28.97857	2
1916.625	1918.034	1273.534	82.46416	58.70103	82.06862	82.35292	52.99278	2.386467	44.62075	28.27437	16.34638	31.12321	2
1916.63	1918.039	1273.539	79.25037	47.54753	78.80539	76.56809	59.0318	0.563116	40.40508	28.17696	12.22812	32.59537	2
1916.635	1918.044	1273.544	73.88582	61.14563	74.39261	75.20841	53.30019	1.981277	44.71854	29.41999	15.29855	30.57309	2
1916.64	1918.049	1273.549	69.59664	90.03778	70.68439	73.44083	45.75193	3.702204	50.54587	18.99631	31.54956	28.59175	2
1916.645	1918.054	1273.554	71.47547	115.4311	71.31478	76.01186	47.55359	3.87911	48.5673	32.12062	16.44668	27.89465	2
1916.65	1918.059	1273.559	68.99097	82.19977	69.42359	70.68439	53.28312	2.021845	44.69504	31.1631	13.53194	29.74807	2
1916.655	1918.064	1273.564	69.94274	45.10292	69.13929	69.38651	70.96449	0	29.03551	13.81721	15.2183	31.15215	2
1916.66	1918.069	1273.569	71.9699	38.53305	71.99462	72.27892	64.2711	0	35.7289	19.47301	16.25589	31.63842	2
1916.665	1918.074	1273.574	82.51361	237.4932	80.36284	77.37154	23.28258	9.789193	66.92822	48.08116	18.84707	27.32724	2
1916.67	1918.079	1273.579	94.23158	170.7097	96.92622	101.339	0	31.81957	68.18043	68.18043	0	-9999	2
1916.675	1918.084	1273.584	94.2563	87.10426	94.47879	97.19815	30.48065	12.60975	56.90959	38.06949	18.84011	28.67279	2
1916.68	1918.089	1273.589	90.11546	95.95066	90.02893	89.44798	34.54429	9.163544	56.29217	26.87065	29.42151	29.31395	2
1916.685	1918.094	1273.594	83.95981	101.4969	85.01047	86.33307	30.0521	10.26576	59.68214	30.75461	28.92753	28.61895	2
1916.69	1918.099	1273.599	85.25769	128.4792	86.38251	85.19588	21.75357	13.10763	65.13881	35.64596	29.49285	28.94362	2
1916.695	1918.104	1273.604	93.02023	238.7307	90.7953	85.51726	13.89177	10.76836	75.33986	52.4418	22.89806	29.43785	2
1916.7	1918.109	1273.609	80.27631	237.2945	81.79668	79.64592	0	18.78478	81.21522	81.21522	0	-9999	2
1916.705	1918.114	1273.614	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1917.005	1918.413	1273.913	104.9607	428.3097	108.9903	94.98558	0	83.08629	16.91371	16.91371	0	-9999	2
1917.01	1918.418	1273.918	96.41943	430.6015	90.52336	78.94135	0	7.120165	92.87983	92.87983	0	-9999	2
1917.015	1918.423	1273.923	85.96225	194.8348	82.21695	79.57175	42.79078	2.593462	54.61575	26.41587	28.19988	28.54434	2
1917.02	1918.428	1273.928	80.91907	80.42743	79.76952	76.71642	55.00001	1.471807	43.52818	20.10449	23.42369	31.5605	2
1917.025	1918.433	1273.933	86.08586	156.3782	84.30591	83.06984	36.75207	5.799726	57.44821	21.92796	35.52024	28.53752	2
1917.03	1918.438	1273.938	95.88792	186.2787	96.03625	96.71609	5.554114	20.14095	74.30493	71.21314	3.09179	-9999	2
1917.035	1918.443	1273.943	109.2375	308.7533	107.8655	108.0509	0	27.24049	72.75951	72.75951	0	-9999	2
1917.04	1918.448	1273.948	90.94362	137.0964	89.34909	88.66925	35.51218	6.12824	58.35958	26.2461	32.11348	29.01914	2
1917.045	1918.453	1273.953	85.19588	152.1307	83.20581	85.77684	40.22726	4.750409	55.02233	23.63642	31.38591	28.01102	2
1917.05	1918.458	1273.958	83.16872	86.17225	81.6978	77.70528	54.03077	1.457076	44.51215	25.48411	19.02804	31.64811	2
1917.055	1918.463	1273.963	86.61737	73.94924	86.37015	86.4196	44.33222	5.407635	50.26015	35.36925	14.89089	30.0578	2
1917.06	1918.468	1273.968	88.65689	50.20603	88.95355	88.82994	43.98671	6.812364	49.20093	16.78575	32.41518	30.41274	2
1917.065	1918.473	1273.973	78.34804	74.04091	76.70406	75.45563	62.74273	0	37.25727	20.06878	17.18849	31.82443	2
1917.07	1918.478	1273.978	77.63112	36.27179	77.3221	77.82889	62.19649	0	37.80351	8.28343	29.52008	32.36764	2
1917.075	1918.483	1273.983	71.95754	39.57201	71.87102	69.73261	64.89321	0	35.10679	25.36616	9.740638	32.01953	2
1917.08	1918.488	1273.988	77.92777	58.10515	77.26029	76.38268	59.41797	0.444256	40.13778	15.94176	24.19602	32.12267	2
1917.085	1918.493	1273.993	95.31932	333.8105	90.99307	88.01413	5.052561	7.888805	87.05863	71.57049	15.48814	-9999	2
1917.09	1918.497	1273.997	82.72374	240.0906	78.60761	70.78327	37.6922	5.155726	57.15207	32.15421	24.99786	27.99372	2
1917.095	1918.502	1274.002	74.3308	136.4394	73.6386	72.13059	43.96189	4.942353	51.09576	35.5383	15.55746	28.47922	2
1917.1	1918.507	1274.007	81.96973	87.5779	81.38878	78.80539	47.89639	3.678411	48.4252	18.76771	29.65749	30.46842	2
1917.105	1918.512	1274.012	78.0761	68.15858	77.09961	74.38024	59.24347	0.481449	40.27508	15.96199	24.3131	32.24061	2
1917.11	1918.517	1274.017	81.59891	123.7275	79.94257	75.82645	47.82358	3.251766	48.92466	15.23469	33.68997	30.07542	2
1917.115	1918.522	1274.022	78.94135	129.0445	77.26029	76.41976	49.1734	3.195747	47.63085	31.2922	16.33865	29.3006	2
1917.12	1918.527	1274.027	73.73749	102.1997	72.62502	69.25054	56.0508	1.785962	42.16324	23.06303	19.10021	30.81567	2
1917.125	1918.532	1274.032	79.50995	109.5793	78.85483	78.28624	45.40982	4.320279	50.2699	16.74116	33.52874	29.30085	2
1917.13	1918.537	1274.037	82.20459	66.79877	81.88321	81.1292	50.69716	3.054059	46.24878	19.69563	26.55315	30.83876	2
1917.135	1918.542	1274.042	79.76952	47.70031	79.91785	79.53467	53.91901	2.173253	43.90773	21.02092	22.88681	31.43362	2
1917.14	1918.547	1274.047	86.71625	49.48793	86.62973	86.29599	48.91554	4.356935	46.72753	29.66943	17.05809	31.00063	2
1917.145	1918.552	1274.052	79.88077	73.81173	79.67064	80.47408	50.27578	3.082941	46.64128	22.30313	24.33815	30.24768	2
1917.15	1918.557	1274.057	74.24428	32.43682	73.9229	73.09473	66.33624	0	33.66376	5.837622	27.82614	31.83151	2
1917.155	1918.562	1274.062	80.07854	30.40475	80.30103	80.82019	57.24547	1.302404	41.45213	12.24203	29.21009	32.12798	2
1917.16	1918.567	1274.067	73.14417	84.70549	72.93404	72.35308	53.83716	2.073669	44.08917	20.66105	23.42812	30.3414	2
1917.165	1918.572	1274.072	70.01691	69.42672	69.18874	67.74253	65.20149	0	34.79851	23.32134	11.47717	31.84618	2
1917.17	1918.577	1274.077	74.07123	39.86231	73.6386	74.82523	65.56064	0	34.43936	6.06643	28.37293	31.47974	2
1917.175	1918.582	1274.082	70.96868	61.26786	70.48661	69.08985	63.61802	0	36.38198	5.935771	30.44621	31.94644	2
1917.18	1918.587	1274.087	71.05521	52.23811	70.95632	69.62136	62.75395	0	37.24605	16.97237	20.27368	31.99869	2
1917.185	1918.592	1274.092	73.7004	79.38848	73.30486	71.19118	56.04908	1.503612	42.44731	18.84206	23.60525	31.08476	2
1917.19	1918.597	1274.097	71.63616	56.92869	71.71033	71.67324	59.74321	0.349746	39.90704	18.0645	21.84254	31.66371	2
1917.195	1918.602	1274.102	74.31844	62.2457	73.91054	72.27892	59.72483	0.453706	39.82146	23.9963	15.82517	31.99976	2
1917.2	1918.607	1274.107	71.26534	55.41609	70.20232	68.76847	69.26362	0	30.73638	21.81969	8.916691	31.58325	2

1917.205	1918.612	1274.112	79.00316	52.89509	78.22443	76.13547	60.55161	0.086569	39.36182	22.8695	16.49232	32.72599	2
1917.21	1918.617	1274.117	81.16629	43.63616	81.0674	80.85727	55.53343	1.744348	42.72222	21.50882	21.2134	31.7934	2
1917.215	1918.622	1274.122	79.4605	115.2172	77.70528	75.43091	52.61676	2.16174	45.2215	15.92949	29.292	30.29759	2
1917.22	1918.627	1274.127	74.17011	95.9201	74.08359	75.72756	49.2214	3.28967	47.48893	15.6629	31.82603	29.20648	2
1917.225	1918.632	1274.132	68.75611	50.96997	67.75489	65.83898	72.16909	0	27.83091	14.6312	13.1997	31.56476	2
1917.23	1918.637	1274.137	78.49637	74.17842	78.2986	78.55817	51.3649	2.728131	45.90697	13.99039	31.91659	30.39972	2
1917.235	1918.642	1274.142	69.76969	112.467	68.06391	62.92185	61.81467	1.128512	37.05682	24.21461	12.84221	31.53228	2
1917.24	1918.647	1274.147	69.27526	27.28788	69.43595	69.52248	68.41775	0	31.58225	19.32337	12.25888	31.09228	2
1917.245	1918.652	1274.152	74.93648	28.47962	75.2455	76.20963	61.77148	0	38.22852	10.58383	27.64469	32.23302	2
1917.25	1918.657	1274.157	76.61754	77.72309	77.26029	80.84491	45.7215	4.253117	50.02538	27.59051	22.43487	29.02505	2
1917.255	1918.662	1274.162	75.81409	99.98426	75.20841	76.07366	50.74884	2.939261	46.3119	25.07178	21.24013	29.5303	2
1917.26	1918.667	1274.167	72.36545	35.4773	71.9699	71.46311	67.90375	0	32.09625	15.42296	16.6733	31.49978	2
1917.265	1918.672	1274.172	72.68682	46.55441	72.72391	73.28014	61.57457	0	38.42543	7.834857	30.59057	31.9339	2
1917.27	1918.677	1274.177	78.02666	58.97604	78.74358	81.04268	48.38712	3.673391	47.93949	24.97085	22.96864	29.94351	2
1917.275	1918.682	1274.182	71.38895	55.92029	70.79563	69.78205	65.38765	0	34.61235	16.51556	18.09678	31.73872	2
1917.28	1918.687	1274.187	85.82628	32.97158	85.94989	85.34421	52.10274	3.555005	44.34225	20.54406	23.7982	31.6972	2
1917.285	1918.692	1274.192	76.58045	31.71872	76.38268	76.12311	63.40278	0	36.59722	19.38193	17.21529	32.30473	2
1917.29	1918.697	1274.197	73.78693	35.93566	73.37903	73.3543	66.58085	0	33.41915	11.93186	21.48729	31.60398	2
1917.295	1918.702	1274.202	78.19971	44.01813	78.32332	78.83011	56.44592	1.342786	42.21129	16.32394	25.88735	31.6508	2
1917.3	1918.707	1274.207	75.67812	50.28242	75.60396	75.56687	58.78256	0.611079	40.60637	10.44045	30.16592	31.87788	2
1917.305	1918.712	1274.212	73.37903	73.38392	72.84751	70.90688	58.8516	0.793126	40.35527	21.43175	18.92352	31.60285	2
1917.31	1918.717	1274.217	76.22199	65.14867	77.18613	76.35796	46.63773	3.961228	49.40105	19.99082	29.41022	30.15415	2
1917.315	1918.722	1274.222	76.50629	69.85453	75.20841	73.60152	62.76796	0	37.23204	8.845608	28.38643	32.08052	2
1917.32	1918.727	1274.227	77.06252	63.26938	77.14905	76.25908	53.12072	2.20941	44.66987	27.04756	17.62231	30.97781	2
1917.325	1918.732	1274.232	78.06374	37.50938	77.84125	79.4605	60.82841	0.074896	39.09669	23.53996	15.55674	32.33488	2
1917.33	1918.737	1274.237	77.08724	146.7373	77.58167	82.55069	29.73749	8.747471	61.51504	31.61961	29.89543	26.93035	2
1917.335	1918.742	1274.242	71.80921	43.26947	71.29006	71.42603	67.48773	0	32.51227	22.85408	9.658185	31.37695	2
1917.34	1918.747	1274.247	78.58289	81.06914	79.97966	80.32576	37.2601	7.055002	55.6849	20.05847	35.62644	29.12475	2
1917.345	1918.752	1274.252	82.20459	66.63071	82.16751	80.51117	48.53454	3.831114	47.63435	28.46469	19.16966	30.73639	2
1917.35	1918.757	1274.257	79.16385	65.51536	78.63234	80.18979	55.43376	1.54989	43.01635	30.22741	12.78895	30.93741	2
1917.355	1918.762	1274.262	78.38512	77.37168	78.63234	79.18857	47.24583	3.941893	48.81228	32.12218	16.6901	29.81224	2
1917.36	1918.767	1274.267	76.92655	115.0491	78.49637	79.21329	29.21963	8.987533	61.79283	31.42175	30.37108	28.33814	2
1917.365	1918.772	1274.272	73.84873	77.76893	73.81165	73.71276	53.52647	2.07853	44.395	26.19399	18.20101	30.40411	2
1917.37	1918.777	1274.277	69.13929	41.86382	68.855	67.79197	68.4641	0	31.5359	7.868968	23.66693	31.38884	2
1917.375	1918.782	1274.282	77.49515	55.00356	77.76708	78.11319	53.2861	2.194974	44.51893	18.47018	26.04875	30.95743	2
1917.38	1918.787	1274.287	69.05277	63.84997	68.2864	66.87728	66.95909	0	33.04091	10.10264	22.93827	31.68309	2
1917.385	1918.791	1274.291	73.05765	44.72095	73.03292	72.90932	62.15609	0	37.84391	11.95865	25.88526	32.02732	2
1917.39	1918.796	1274.296	85.01047	66.09595	85.57907	85.39366	41.38854	6.875688	51.73577	20.6895	31.04627	29.8752	2
1917.395	1918.801	1274.301	88.94119	67.53215	88.76814	88.06357	43.17247	6.29902	50.52851	29.33677	21.19174	30.2512	2
1917.4	1918.806	1274.306	88.10066	116.2409	90.28851	88.32315	13.86127	18.52065	67.61807	50.03348	17.58459	29.76084	2
1917.405	1918.811	1274.311	78.24915	34.16332	78.49637	79.27509	57.82734	0.979803	41.19286	14.30163	26.89123	32.02137	2
1917.41	1918.816	1274.316	79.88077	54.17851	80.54825	81.42586	48.22553	3.969289	47.80519	16.44203	31.36316	30.34839	2
1917.415	1918.821	1274.321	77.13669	50.23659	77.17377	77.42098	56.58961	1.244049	42.16634	26.5452	15.62114	31.54336	2
1917.42	1918.826	1274.326	70.16523	81.80252	70.12815	72.11823	55.93916	1.538492	42.52235	18.99365	23.5287	30.03437	2
1917.425	1918.831	1274.331	68.39765	51.15331	68.38529	67.35935	64.79086	0	35.20914	20.45783	14.75131	31.55381	2
1917.43	1918.836	1274.336	64.12084	70.78653	62.36561	60.67219	77.48147	0	22.51853	11.94179	10.57674	32.12686	2
1917.435	1918.841	1274.341	69.93038	50.95469	69.64608	69.96746	65.53631	0	34.46369	7.384111	27.07957	31.38225	2
1917.44	1918.846	1274.346	69.62136	65.75982	68.71903	67.05033	67.02755	0	32.97245	18.65062	14.32182	31.75903	2
1917.445	1918.851	1274.351	81.67308	62.70406	81.37642	81.30225	51.98548	2.672343	45.34217	19.53041	25.81176	30.92627	2
1917.45	1918.856	1274.356	99.6703	51.15331	100.1524	101.8087	32.18819	16.5327	51.27911	24.39782	26.88129	28.96265	2
1917.455	1918.861	1274.361	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1917.47	1918.876	1274.376	86.60501	141.7259	85.71503	82.19223	32.92303	7.798965	59.27801	30.4945	28.78351	29.07818	2
1917.475	1918.881	1274.381	77.0378	76.60774	77.54459	75.52979	46.65853	4.024221	49.31725	26.7946	22.52265	30.18116	2
1917.48	1918.886	1274.386	66.65479	55.27858	66.28397	65.72773	68.17405	0	31.82595	16.43671	15.38924	31.28268	2
1917.485	1918.891	1274.391	69.07749	79.78573	69.38651	65.41871	54.74567	1.69552	43.55881	14.70237	28.85644	30.95338	2
1917.49	1918.896	1274.396	72.14295	108.8765	73.86109	73.9847	33.96477	6.881633	59.15359	32.45172	26.70187	28.35067	2
1917.495	1918.901	1274.401	64.99845	147.379	67.26046	65.67829	27.0051	7.929059	65.06584	41.47005	23.59578	27.71455	2
1917.5	1918.906	1274.406	69.94274	62.65823	70.16523	68.74375	58.76506	0.597071	40.63786	17.42275	23.21512	31.52354	2
1917.505	1918.911	1274.411	81.61127	55.07996	82.14278	82.57541	47.46907	4.400816	48.13012	23.71431	24.41581	30.39538	2
1917.51	1918.916	1274.416	86.92639	68.2197	87.16124	87.35901	41.69844	6.859513	51.44205	36.87261	14.56944	29.86015	2
1917.515	1918.921	1274.421	78.81775	82.59702	78.68178	77.49515	48.55295	3.533841	47.91321	25.9932	21.92002	30.19058	2
1917.52	1918.926	1274.426	67.4706	35.40091	67.75489	68.03919	67.15673	0	32.84327	9.552446	23.29082	30.97033	2
1917.525	1918.931	1274.431	72.76099	46.58496	73.13181	73.16889	58.91246	0.435757	40.65178	16.94308	23.7087	31.80236	2
1917.53	1918.936	1274.436	72.79807	28.44907	72.62502	71.31478	67.48224	0	32.51776	22.61963	9.898126	31.72708	2
1917.535	1918.941	1274.441	75.70284	94.89643	76.35796	77.34682	42.31128	5.124892	52.56383	29.38952	23.17431	28.8672	2
1917.54	1918.946	1274.446	76.17255	57.83014	76.46921	76.66698	53.62726	2.02286	44.34988	12.81405	31.53582	30.90802	2
1917.545	1918.951	1274.451	72.26656	83.14705	71.77213	77.92777	57.22501	1.305922	41.46907	29.09136	12.37771	29.55511	2
1917.55	1918.956	1274.456	68.5707	131.9933	67.37171	67.63129	54.26476	3.024073	42.71116	24.79472	17.91644	28.82073	2
1917.555	1918.961	1274.461	67.52004	42.04717	66.54354	65.18386	75.27401	0	24.72599	13.42472	11.30127	31.39878	2
1917.56	1918.966	1274.466	70.88216	112.8643	70.33829	66.04911	51.69027	2.988287	45.32144	25.54962	19.77182	29.97567	2
1917.565	1918.971	1274.471	63.83654	32.94102	63.5028	62.79824	75.88514	0	24.11486	22.0872	2.027667	30.98883	2
1917.57	1918.976	1274.476	65.49288	31.9479	65.38163	64.73887	72.87732	0	27.12268	14.56295	12.55973	30.9225	2
1917.575	1918.981	1274.481	66.88964	56.4856	66.74131	66.07383	65.94156	0	34.05844	16.02987	18.02857	31.37312	2

1917.58	1918.986	1274.486	72.36545	45.04181	71.69797	71.50019	67.69664	0	32.30336	5.148321	27.15504	31.44364	2
1917.585	1918.991	1274.491	80.01674	77.79949	80.44936	81.27753	44.20428	5.014929	50.78079	20.88765	29.89314	29.54906	2
1917.59	1918.996	1274.496	67.73017	45.05709	67.66837	69.93038	67.26341	0	32.73659	11.92663	20.80996	30.72935	2
1917.595	1919.001	1274.501	70.10343	47.89894	69.48539	67.76725	68.70308	0	31.29692	17.03143	14.26549	31.59305	2
1917.6	1919.006	1274.506	61.79702	36.94406	61.47564	60.72164	76.69697	0	23.30303	4.484855	18.81818	31.015	2
1917.605	1919.011	1274.511	64.21972	38.51777	64.28153	64.195	71.11758	0	28.88242	17.83962	11.0428	30.76603	2
1917.61	1919.016	1274.516	64.49166	57.41761	63.65113	64.21972	73.28672	0	26.71328	17.95822	8.755063	31.12138	2
1917.615	1919.021	1274.521	82.11806	59.58719	82.17987	82.94623	49.5523	3.599687	46.84801	24.9629	21.88511	30.52368	2
1917.62	1919.026	1274.526	81.6978	203.7576	83.26761	82.58777	3.362626	17.4599	79.17748	79.17748	0	-9999	2
1917.625	1919.031	1274.531	62.77352	37.83023	61.85882	60.07888	80.18233	0	19.81767	13.66312	6.154549	31.64121	2
1917.63	1919.036	1274.536	77.96486	108.6779	76.20963	73.83637	55.57527	1.548517	42.87621	21.26779	21.60842	30.74146	2
1917.635	1919.041	1274.541	78.94135	86.92091	79.10204	78.90427	45.09375	4.568198	50.33805	35.15546	15.18259	29.5965	2
1917.64	1919.046	1274.546	77.45807	68.57111	77.40862	78.02666	52.52755	2.385544	45.0869	16.27847	28.80844	30.53279	2
1917.645	1919.051	1274.551	69.58428	40.18316	69.01569	68.36057	70.66474	0	29.33526	10.26217	19.07309	31.26823	2
1917.65	1919.056	1274.556	66.24688	31.85623	65.54232	64.09612	76.80401	0	23.19599	22.06382	1.132163	31.29914	2
1917.655	1919.061	1274.561	64.45458	49.53377	63.58933	59.68333	75.42031	0	24.57969	18.71559	5.864097	31.9155	2
1917.66	1919.066	1274.566	75.18369	38.99142	75.51743	76.4074	58.8086	0.530249	40.66115	24.81371	15.84744	31.91675	2
1917.665	1919.071	1274.571	78.91663	42.9639	78.75594	78.96608	58.24478	0.829886	40.92533	12.45887	28.46647	32.06269	2
1917.67	1919.076	1274.576	71.40131	89.7322	70.63494	64.03431	58.53493	1.164447	40.30062	25.82109	14.47953	31.9045	2
1917.675	1919.081	1274.581	82.03154	88.76964	81.52475	80.14035	46.97636	3.976915	49.04673	32.95288	16.09385	30.12562	2
1917.68	1919.085	1274.585	72.34072	99.96898	71.40131	67.82906	56.53451	1.721523	41.74396	17.84644	23.89752	30.86847	2
1917.685	1919.09	1274.59	82.1057	126.0651	81.51239	80.15271	38.55319	6.282218	55.16459	32.46539	22.6992	28.84261	2
1917.69	1919.095	1274.595	78.34804	139.4493	74.9612	71.09229	60.42108	0.356867	39.22205	20.67161	18.55044	31.21435	2
1917.695	1919.1	1274.6	90.78293	197.31	86.71625	83.09456	40.24745	0.927435	58.82511	20.39362	38.43149	29.14798	2
1917.7	1919.105	1274.605	94.97322	116.3478	94.21922	92.84718	30.312	10.01538	59.67262	33.36773	26.30489	29.3087	2
1917.705	1919.11	1274.61	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1918	1919.404	1274.904	86.64209	108.2806	85.62851	81.4135	41.94061	5.141262	52.91813	36.23286	16.68526	30.14836	-9999
1918.005	1919.409	1274.909	83.72496	111.0002	82.99567	82.03154	41.76292	5.355014	52.88206	34.02866	18.8534	29.30933	-9999
1918.01	1919.414	1274.914	81.85849	116.8062	80.05382	78.10082	50.40926	2.448358	47.14238	31.15373	15.98865	30.11415	-9999
1918.015	1919.419	1274.919	87.64331	156.3782	86.1971	85.23297	32.73273	7.19316	60.07411	36.23281	23.8413	28.46898	-9999
1918.02	1919.424	1274.924	88.69397	225.9424	86.5432	80.98087	20.39193	9.646213	69.96186	43.40191	26.55995	28.71666	-9999
1918.025	1919.429	1274.929	99.88043	199.281	100.2142	101.6357	0	25.72885	74.27115	74.27115	0	-9999	-9999
1918.03	1919.434	1274.934	97.69258	221.1754	99.12643	97.79147	0	32.08563	67.91437	67.91437	0	-9999	-9999
1918.035	1919.439	1274.939	97.49481	211.9318	98.48367	93.972	0	28.37267	71.62733	71.62733	0	-9999	-9999
1918.04	1919.444	1274.944	97.48245	200.0449	96.18457	106.4563	11.96382	13.9198	74.11637	52.23996	21.87641	27.29962	-9999
1918.045	1919.449	1274.949	95.61598	163.2842	92.37747	95.20808	37.61699	1.205455	61.17756	34.13127	27.04629	28.78805	-9999
1918.05	1919.454	1274.954	94.24394	267.1034	93.1562	100.6592	0	18.1993	81.8007	81.8007	0	-9999	2
1918.055	1919.459	1274.959	87.30957	273.0316	80.54825	82.14278	46.00178	0	53.99822	19.22276	34.77545	25.93952	2
1918.06	1919.464	1274.964	86.37015	178.9602	81.89557	80.67186	51.90912	0	48.09088	13.23029	34.86059	28.7906	2
1918.065	1919.469	1274.969	82.94623	117.6465	80.52353	76.84003	53.99496	1.033655	44.97138	12.07278	32.8986	31.0082	2
1918.07	1919.474	1274.974	79.52231	66.53903	78.94135	77.97722	55.23943	1.594055	43.16652	25.42562	17.74089	31.36904	2
1918.075	1919.479	1274.979	77.64348	39.46506	77.82889	77.42098	57.58052	0.999427	41.42005	29.01896	12.40109	32.06007	2
1918.08	1919.484	1274.984	75.54215	37.73856	76.44449	76.44449	54.3754	1.728403	43.89619	31.62443	12.27177	31.42468	2
1918.085	1919.489	1274.989	78.37276	39.81647	78.85483	80.88199	54.52544	1.955317	43.51924	29.07231	14.44693	31.15307	2
1918.09	1919.494	1274.994	74.78815	41.48185	75.01064	77.28502	59.43197	0.365005	40.20302	24.51211	15.69092	31.69192	2
1918.095	1919.499	1274.999	80.16507	84.59854	80.28867	78.90427	44.81734	4.739879	50.44278	30.73806	19.70473	29.88971	2
1918.1	1919.504	1275.004	80.68422	103.0858	79.15149	77.27266	52.70241	2.02479	45.2728	30.09371	15.17909	30.55933	2
1918.105	1919.509	1275.009	89.16368	132.253	87.71747	83.76204	37.17228	5.931003	56.89672	26.31755	30.57917	29.62475	8
1918.11	1919.514	1275.014	90.1649	119.0674	89.11424	88.64453	36.37661	6.845994	56.7774	30.18804	26.58936	29.15241	8
1918.115	1919.519	1275.019	89.55922	75.61462	88.95355	88.52092	44.00076	5.435414	50.56382	36.10233	14.46149	30.22516	8
1918.12	1919.524	1275.024	93.02023	59.11355	92.34039	93.83604	45.38467	5.550501	49.06483	19.03201	30.03281	30.36121	8
1918.125	1919.529	1275.029	92.34039	53.97989	92.27858	92.25386	42.46269	7.702445	49.83487	18.77973	31.05513	30.281	8
1918.13	1919.534	1275.034	93.34161	71.13794	93.95964	95.69015	32.12056	12.84606	55.03338	38.39436	16.63902	28.98931	8
1918.135	1919.539	1275.039	94.87434	73.84228	95.24516	94.24394	31.97191	12.97056	55.05754	38.80455	16.25299	29.47962	8
1918.14	1919.544	1275.044	96.43179	58.16627	95.94972	93.8484	40.94255	8.359535	50.69792	30.81869	19.87923	30.5925	8
1918.145	1919.549	1275.049	94.62712	65.7751	94.63948	93.73715	36.92968	10.34502	52.7253	24.72496	28.00034	29.86209	8
1918.15	1919.554	1275.054	94.1945	63.84997	94.21922	94.96086	37.69778	9.980565	52.32166	28.63092	23.69073	29.62867	8
1918.155	1919.559	1275.059	85.54198	67.34881	85.22061	83.52719	47.49365	4.279788	48.22656	24.54307	23.6835	30.76334	8
1918.16	1919.564	1275.064	88.50856	55.23275	87.8658	87.81636	50.18717	3.495423	46.3174	32.77876	13.53865	31.13456	8
1918.165	1919.569	1275.069	81.37642	23.16261	81.42586	81.8214	59.14516	0.831906	40.02293	20.18441	19.83852	32.67267	8
1918.17	1919.574	1275.074	80.49881	28.0671	80.47408	81.05504	59.34045	0.66024	39.99931	20.14233	19.85698	32.54604	8
1918.175	1919.579	1275.079	86.92639	39.02197	86.87694	85.27005	50.96759	3.876659	45.15575	26.26189	18.89386	31.66395	8
1918.18	1919.584	1275.084	87.8658	36.42458	88.03885	88.82994	49.00757	4.974639	46.01779	29.95388	16.06391	31.00034	8
1918.185	1919.589	1275.089	92.31567	36.4093	92.55052	93.08203	44.43842	7.8837	47.67788	16.88641	30.79147	30.54123	8
1918.19	1919.594	1275.094	87.96469	78.97595	88.53328	88.42204	35.55371	9.402796	55.0435	33.52859	21.51491	29.38228	8
1918.195	1919.599	1275.099	69.94274	53.76598	68.70667	66.61771	72.22088	0	27.77912	14.37223	13.40689	31.61966	8
1918.2	1919.604	1275.104	74.52857	57.34122	73.7004	73.68804	63.97545	0	36.02455	9.817917	26.20663	31.76766	8
1918.205	1919.609	1275.109	88.74341	97.66188	88.64453	87.1118	35.48825	8.522752	55.989	29.92447	26.06453	29.45692	8
1918.21	1919.614	1275.114	87.18596	40.229	86.7657	86.28363	53.31055	2.763335	43.92611	19.52169	24.40442	31.82369	8
1918.215	1919.619	1275.119	87.70511	49.30458	88.4962	89.32437	41.24866	8.092294	50.65904	35.90714	14.7519	29.94035	8
1918.22	1919.624	1275.124	73.10709	65.89733	72.55086	69.39887	61.10513	0.193212	38.70166	25.59518	13.10648	32.35791	8
1918.225	1919.629	1275.129	72.61266	76.348	71.48783	69.32471	63.43754	0	36.56246	24.17768	12.38477	32.1526	8
1918.23	1919.634	1275.134	87.56914	121.9704	89.20076	88.92883	17.27452	16.17845	66.54703	40.21253	26.33449	29.12036	8

1918.235	1919.639	1275.139	86.8893	69.57951	87.29721	88.13774	40.06234	7.554236	52.38342	37.55475	14.82867	29.58144	8
1918.24	1919.644	1275.144	91.49986	48.67815	91.77179	92.73593	41.93251	8.342465	49.72502	25.36284	24.36218	30.05529	8
1918.245	1919.649	1275.149	100.6221	233.8874	95.96208	90.63461	26.94191	0	73.05809	38.52871	34.52938	26.44764	8
1918.25	1919.654	1275.154	93.72479	64.27778	92.46399	90.23906	47.98913	3.486969	48.5239	28.70448	19.81942	31.43361	8
1918.255	1919.659	1275.159	87.85344	19.29708	87.804	86.8275	54.88812	2.983737	42.12814	25.38424	16.7439	32.47741	8
1918.26	1919.664	1275.164	85.28241	37.32603	86.02405	87.13652	46.75954	5.659859	47.5806	22.02239	25.5582	30.56437	8
1918.265	1919.668	1275.168	74.08359	57.34122	73.76221	73.73749	60.45721	0.231409	39.31138	24.3284	14.98298	31.91473	2
1918.27	1919.673	1275.173	73.26778	51.39777	74.30608	75.85117	52.10855	2.133954	45.7575	30.33076	15.42674	30.45337	2
1918.275	1919.678	1275.178	72.37781	22.8112	72.46433	72.27892	67.22154	0	32.77846	22.42087	10.35759	31.5174	2
1918.28	1919.683	1275.183	70.44953	22.13893	70.1776	69.70789	71.93631	0	28.06369	4.424219	23.63947	31.15166	2
1918.285	1919.688	1275.188	71.83393	29.82415	71.64852	71.45075	68.13227	0	31.86773	22.76075	9.106983	31.38848	2
1918.29	1919.693	1275.193	69.02805	74.4076	68.54598	67.00089	62.22359	0.181313	37.5951	9.09555	28.49955	31.79478	2
1918.295	1919.698	1275.198	72.22948	41.77215	71.89574	69.75733	66.0265	0	33.9735	19.1557	14.81779	31.92438	2
1918.3	1919.703	1275.203	70.20232	45.59184	69.97982	69.29998	66.10496	0	33.89504	21.31228	12.58276	31.51757	2
1918.305	1919.708	1275.208	77.12433	142.3828	77.77945	79.67064	29.5118	8.82518	61.66302	33.88652	27.7765	27.58281	2
1918.31	1919.713	1275.213	82.56305	88.20433	82.34056	80.30103	44.42087	4.895193	50.68394	27.5838	23.10014	30.03004	2
1918.315	1919.718	1275.218	86.35779	134.7435	88.05121	91.87068	14.81891	16.33481	68.84628	40.45925	28.38703	28.43231	2
1918.32	1919.723	1275.223	90.93126	43.22363	90.21434	89.20076	51.43927	3.374742	45.18599	13.96685	31.21914	31.76707	2
1918.325	1919.728	1275.228	85.97461	58.38017	86.40724	86.87694	43.42251	6.39819	50.1793	20.67764	29.50166	30.05931	2
1918.33	1919.733	1275.233	69.02805	51.12276	68.59542	67.85378	67.47534	0	32.52466	12.60532	19.91934	31.42116	2
1918.335	1919.738	1275.238	60.90705	55.85918	59.48556	57.64381	81.4641	0	18.5359	7.662375	10.87353	32.23022	2
1918.34	1919.743	1275.243	65.01081	71.13794	64.75123	64.93665	64.98638	0	35.01362	11.69058	23.32304	31.31287	2
1918.345	1919.748	1275.248	66.34577	65.20978	66.07383	63.49044	65.28863	0	34.71137	15.42159	19.28978	31.81718	2
1918.35	1919.753	1275.253	67.75489	55.3397	67.71781	65.81426	64.56068	0	35.43932	18.5793	16.86002	31.70316	2
1918.355	1919.758	1275.258	68.10099	36.63849	67.55712	66.59298	72.69558	0	27.30442	14.10139	13.20303	31.20781	2
1918.36	1919.763	1275.263	66.60534	84.29296	67.70545	67.92794	49.79837	2.549813	47.65181	29.72271	17.9291	29.36596	2
1918.365	1919.768	1275.268	66.13564	84.85828	63.99723	61.01829	75.19216	0	24.80784	21.66487	3.142967	32.41298	2
1918.37	1919.773	1275.273	64.99845	169.579	62.88476	58.65739	55.54436	4.218497	40.23715	13.33119	26.90595	28.57631	2
1918.375	1919.778	1275.278	88.97827	95.59925	90.90654	91.28972	20.06085	16.83547	63.10367	37.13652	25.96716	29.06617	8
1918.38	1919.783	1275.283	89.39853	28.63241	89.31201	89.85588	51.49488	4.243263	44.26186	27.53708	16.72478	31.56351	8
1918.385	1919.788	1275.288	80.30103	90.00722	79.7448	78.31096	48.65211	3.441886	47.90601	32.97652	14.92949	30.18578	8
1918.39	1919.793	1275.293	64.8872	57.73846	64.31861	63.97251	70.73767	0	29.26233	13.21606	16.04627	31.20288	8
1918.395	1919.798	1275.298	76.84003	119.3119	76.80295	78.96608	40.72108	5.661758	53.61716	22.08203	31.53513	28.11732	8
1918.4	1919.803	1275.303	90.26378	78.12034	90.53572	90.53572	35.94469	9.547292	54.50802	32.95602	21.552	29.44173	8
1918.405	1919.808	1275.308	88.95355	108.1431	89.60867	90.12782	26.91493	12.33327	60.7518	36.77019	23.98161	28.76282	8
1918.41	1919.813	1275.313	89.91768	82.01643	91.03015	92.73593	28.80615	13.18039	58.01347	27.06275	30.95071	28.80443	8
1918.415	1919.818	1275.318	86.46904	107.1194	88.26135	91.06723	20.63521	14.92883	64.43596	37.60161	26.83435	28.51632	8
1918.42	1919.823	1275.323	87.24777	108.1278	88.32315	90.53572	25.2309	12.84683	61.92227	28.33164	33.59063	28.44923	8
1918.425	1919.828	1275.328	83.86093	154.4989	88.16246	90.99307	0	25.09594	74.90406	74.90406	0	-9999	8
1918.43	1919.833	1275.333	86.49376	145.7442	89.2502	90.14018	3.793218	21.30143	74.90536	66.35603	8.549324	-9999	8
1918.435	1919.838	1275.338	77.61876	181.7104	76.27144	74.88703	35.05856	7.280023	57.66142	33.23548	24.42593	27.38586	8
1918.44	1919.843	1275.343	77.11197	187.3177	79.06496	82.77318	8.590394	14.85924	76.55036	71.66352	4.886847	28.36742	8
1918.445	1919.848	1275.348	83.79912	75.59934	84.98575	86.98819	35.41338	8.862059	55.72456	21.22537	34.49918	28.94937	8
1918.45	1919.853	1275.353	83.76204	48.93789	83.98453	84.62729	49.37163	4.019547	46.60882	24.76134	21.84748	30.75714	8
1918.455	1919.858	1275.358	85.56671	44.65984	85.71503	85.54198	49.3214	4.306055	46.37254	17.62604	28.7465	31.0334	8
1918.46	1919.863	1275.363	81.79668	49.3657	82.57541	82.84735	46.76543	4.796312	48.43826	33.62339	14.81487	30.44115	8
1918.465	1919.868	1275.368	82.06862	57.46345	82.06862	84.29355	50.59072	3.265598	46.14369	17.95596	28.18773	30.41329	8
1918.47	1919.873	1275.373	84.67673	41.11516	84.73854	85.02283	51.66856	3.386991	44.94445	14.15016	30.79429	31.2957	8
1918.475	1919.878	1275.378	85.13408	25.08774	85.12172	84.51604	55.70121	2.263784	42.03501	27.78356	14.25145	32.36582	8
1918.48	1919.883	1275.383	86.27127	70.7407	85.93753	86.55556	46.09767	4.754253	49.14808	20.97727	28.17081	30.1586	8
1918.485	1919.888	1275.388	92.84718	49.82406	93.48993	93.8484	37.5418	11.13714	51.32106	18.66324	32.65782	29.73596	8
1918.49	1919.893	1275.393	96.02388	24.07934	96.49359	96.85205	42.19059	11.12123	46.68818	26.72711	19.96107	30.3488	8
1918.495	1919.898	1275.398	92.85954	51.99365	94.33046	96.69136	30.58708	15.45562	53.9573	23.86793	30.08937	28.88681	8
1918.5	1919.903	1275.403	81.92029	102.5969	81.32698	79.23801	44.40307	4.644845	50.95209	26.7944	24.15769	29.75644	8
1918.505	1919.908	1275.408	73.82401	42.1694	74.31844	75.98714	58.04509	0.658996	41.29592	12.2015	29.09441	31.50124	8
1918.51	1919.913	1275.413	68.60778	46.4169	68.99097	68.66959	62.67829	0	37.32171	6.31191	31.00981	31.53052	8
1918.515	1919.918	1275.418	72.55086	89.82388	70.91924	67.9403	64.16086	0	35.83914	15.03097	20.80817	32.24631	8
1918.52	1919.923	1275.423	94.44171	40.97766	93.60118	91.79651	49.71114	4.232428	46.05643	20.82994	25.22649	31.82019	8
1918.525	1919.928	1275.428	92.98314	38.97614	93.82367	94.45407	38.50918	11.49695	49.99388	24.50357	25.49031	29.83186	8
1918.53	1919.933	1275.433	84.67673	40.70264	84.97339	83.31705	49.94827	4.109448	45.94228	15.05756	30.88472	31.41484	8
1918.535	1919.938	1275.438	85.45546	35.56897	85.66559	86.75334	51.14476	3.846169	45.00907	14.53835	30.47073	31.17916	8
1918.54	1919.943	1275.443	93.42813	48.17395	93.71243	94.36755	40.18472	9.691428	50.12385	24.54045	25.5834	29.95471	8
1918.545	1919.948	1275.448	91.93248	53.73543	92.82246	93.51466	35.52085	11.865	52.61414	23.19297	29.42117	29.489	8
1918.55	1919.953	1275.453	90.64697	41.6652	90.90654	90.60988	44.5101	7.270543	48.21935	17.78718	30.43217	30.62521	8
1918.555	1919.958	1275.458	91.98193	49.33514	92.42691	93.71243	39.98888	9.509117	50.502	25.30314	25.19886	29.79193	8
1918.56	1919.962	1275.462	96.66664	68.60167	96.39471	93.77423	36.57259	10.39987	53.02755	32.69295	20.3346	30.18168	8
1918.565	1919.967	1275.467	76.23435	37.708	76.24671	76.33324	60.64326	0.088782	39.26796	9.073344	30.19461	32.46625	8
1918.57	1919.972	1275.472	76.81531	38.04413	77.40862	79.06496	55.52504	1.535435	42.93952	23.49845	19.44107	31.33354	8
1918.575	1919.977	1275.477	80.61005	61.57343	81.58655	82.94623	43.37012	5.609047	51.02083	19.55171	31.46912	29.67974	8
1918.58	1919.982	1275.482	83.11928	60.24418	83.91037	85.88809	42.82025	6.215283	50.96447	20.23149	30.73298	29.61506	8
1918.585	1919.987	1275.487	75.57924	36.21068	75.98714	77.90305	58.54286	0.612153	40.84499	27.91736	12.92762	31.75155	8
1918.59	1919.992	1275.492	81.24045	43.16252	82.01918	83.79912	48.77833	4.118011	47.10366	34.09218	13.01148	30.47405	8
1918.595	1919.997	1275.497	89.89296	51.0922	90.07837	91.41333	43.49723	7.137728	49.36504	25.95854	23.40651	30.09955	8

1918.6	1920.002	1275.502	84.94867	52.72703	85.04756	84.35535	48.32092	4.408181	47.2709	27.92674	19.34416	30.85943	8
1918.605	1920.007	1275.507	82.57541	105.9277	83.81148	86.95111	28.81655	10.36104	60.82241	27.62434	33.19807	28.18069	8
1918.61	1920.012	1275.512	77.23557	44.614	77.0378	77.17377	59.67941	0.38301	39.93758	16.70615	23.23143	32.19665	8
1918.615	1920.017	1275.517	81.78432	142.3828	80.99324	77.39626	36.4327	6.768196	56.7991	23.65057	33.14853	28.86114	8
1918.62	1920.022	1275.522	80.70894	56.63839	81.45058	83.89801	46.29355	4.686225	49.02023	33.47368	15.54655	29.8309	8
1918.625	1920.027	1275.527	84.99811	34.45362	85.45546	86.49376	49.91952	4.366157	45.71432	21.22949	24.48484	31.0125	8
1918.63	1920.032	1275.532	85.02283	29.91583	86.08586	87.03763	46.30094	6.099136	47.59993	17.59959	30.00034	30.63205	8
1918.635	1920.037	1275.537	72.43961	53.62848	71.54964	69.25054	67.27476	0	32.72524	17.11549	15.60976	31.85	8
1918.64	1920.042	1275.542	78.00194	91.82539	77.49515	74.97356	49.94409	3.091042	46.96486	25.82333	21.14153	30.35571	8
1918.645	1920.047	1275.547	90.62225	86.09586	92.03137	88.42204	24.87163	15.36344	59.76493	31.60602	28.15891	29.72392	8
1918.65	1920.052	1275.552	93.44049	49.12124	93.65062	93.60118	40.51888	9.395819	50.0853	30.56803	19.51727	30.11562	8
1918.655	1920.057	1275.557	87.1118	85.16385	87.22304	87.28485	38.38533	7.652866	53.9618	19.64417	34.31763	29.41517	8
1918.66	1920.062	1275.562	87.01291	96.37847	86.55556	82.36528	40.16897	6.354994	53.47603	32.24883	21.22721	30.17878	8
1918.665	1920.067	1275.567	88.38495	43.42226	88.48384	90.58516	47.41129	5.438937	47.14977	20.30183	26.84794	30.47202	8
1918.67	1920.072	1275.572	73.71276	102.5358	72.73627	71.07993	54.93845	2.041252	43.0203	19.72457	23.29573	30.31711	8
1918.675	1920.077	1275.577	89.43562	72.43664	89.32437	87.76692	41.05173	7.120372	51.8279	18.57819	33.24971	30.15481	8
1918.68	1920.082	1275.582	82.58777	47.11972	82.7979	82.21695	50.98775	3.364154	45.64809	17.72427	27.92383	31.17657	8
1918.685	1920.087	1275.587	80.75838	52.58952	79.96729	79.91785	59.10655	0.449261	40.44419	10.72732	29.71687	32.18642	8
1918.69	1920.092	1275.592	88.52092	130.007	85.7892	81.51239	48.26989	1.176761	50.55335	16.57773	33.97562	30.68825	8
1918.695	1920.097	1275.597	95.18336	92.36015	94.63948	92.83482	34.29517	9.592712	56.11212	33.06388	23.04824	29.72124	8
1918.7	1920.102	1275.602	92.51344	78.82316	91.43805	90.56044	44.14666	4.86807	50.98527	19.28525	31.70002	30.45805	8
1918.705	1920.107	1275.607	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1919.005	1920.406	1275.906	79.88077	43.34586	79.93021	80.91907	55.63681	1.670551	42.69264	28.0176	14.67504	31.51368	2
1919.01	1920.411	1275.911	95.66542	50.78662	95.66542	95.88792	39.69745	10.00644	50.29611	30.26962	20.0265	30.00084	2
1919.015	1920.416	1275.916	88.01413	86.2792	87.64331	86.14766	41.0213	6.393325	52.58537	26.783	25.80237	29.92264	2
1919.02	1920.421	1275.921	85.23297	62.85685	84.31827	81.56183	53.46319	1.985152	44.55166	28.60499	15.94667	31.83387	2
1919.025	1920.426	1275.926	84.61493	56.92869	85.07228	85.27005	44.83308	5.692687	49.47423	32.83743	16.6368	30.22153	2
1919.03	1920.431	1275.931	88.52092	59.83165	89.17604	90.06601	39.00432	8.793342	52.20234	37.07272	15.12962	29.6315	2
1919.035	1920.436	1275.936	85.08464	47.04333	85.17116	85.7892	49.66708	4.044766	46.28815	18.58966	27.6985	30.87663	2
1919.04	1920.441	1275.941	85.27005	66.03483	84.5284	82.34056	51.31887	2.751847	45.92929	31.28499	14.6443	31.35855	2
1919.045	1920.446	1275.946	82.09334	64.52224	81.43822	80.83255	53.93692	1.957818	44.10527	32.18405	11.92122	31.28786	2
1919.05	1920.451	1275.951	84.29355	70.86293	84.73854	86.25891	41.85246	6.436963	51.71058	27.63006	24.08051	29.49246	2
1919.055	1920.456	1275.956	83.34177	53.30762	83.26761	83.24289	50.9999	3.251344	45.74876	15.43694	30.31182	31.0066	2
1919.06	1920.461	1275.961	78.12555	45.20987	78.7065	78.59525	52.68131	2.461811	44.85688	21.86783	22.98905	31.16229	2
1919.065	1920.466	1275.966	77.00072	78.79261	76.59282	76.03658	53.25278	2.180899	44.56632	25.66519	18.90112	30.60273	2
1919.07	1920.471	1275.971	76.88947	97.84523	75.12189	72.98348	59.28192	0.677197	40.04088	28.51726	11.52363	31.42316	2
1919.075	1920.476	1275.976	77.19849	61.9554	76.66698	76.3456	58.10339	0.829681	41.06692	13.91551	27.15141	31.65027	2
1919.08	1920.481	1275.981	78.08846	61.78734	77.08724	77.44571	60.96553	0.000199	39.03427	25.45171	13.58256	32.09935	2
1919.085	1920.486	1275.986	81.38878	118.2271	79.54703	79.23801	50.78492	2.393824	46.82126	29.57757	17.24369	29.78293	2
1919.09	1920.491	1275.991	82.01918	66.38625	81.87085	80.99324	49.62643	3.439961	46.9336	20.73201	26.20159	30.70453	2
1919.095	1920.496	1275.996	79.36162	80.19825	78.60761	77.64348	53.42287	2.068956	44.50817	30.64726	13.86092	30.82144	2
1919.1	1920.501	1276.001	78.63234	63.69718	78.15027	75.60396	55.97956	1.405511	42.61493	29.00413	13.6108	31.76785	2
1919.105	1920.506	1276.006	75.73992	129.6862	74.63982	76.80295	47.46103	3.969056	48.56992	18.98888	29.58104	28.30092	2
1919.11	1920.511	1276.011	80.67186	122.9024	79.18857	76.11075	47.53499	3.479347	48.98566	20.7203	28.26536	29.77828	2
1919.115	1920.516	1276.016	82.25403	92.68101	82.01918	78.65706	43.71761	5.056664	51.22573	28.26617	22.95956	30.11517	2
1919.12	1920.521	1276.021	78.71886	90.60309	78.58289	76.80295	46.70645	4.044863	49.24869	19.32594	29.92275	29.94004	2
1919.125	1920.526	1276.026	79.21329	59.54136	79.26273	78.58289	52.33158	2.542364	45.12605	16.47887	28.64718	30.99941	2
1919.13	1920.531	1276.031	78.58289	58.16627	78.69414	79.55939	52.76534	2.392008	44.84265	29.00807	15.83458	30.76739	2
1919.135	1920.536	1276.036	75.10953	57.84541	75.31966	77.35918	55.27212	1.53517	43.19271	21.64703	21.54569	30.73197	2
1919.14	1920.541	1276.041	75.06008	67.05851	75.56687	75.9377	50.78894	2.734393	46.47667	24.61828	21.85838	30.25656	2
1919.145	1920.546	1276.046	82.63721	99.08281	82.39	82.16751	41.91164	5.585418	52.50294	25.55021	26.95274	29.30633	2
1919.15	1920.55	1276.05	77.79181	226.4925	76.71642	73.21834	21.95459	10.9034	67.14201	47.68634	19.45567	27.32582	2
1919.155	1920.555	1276.055	75.83881	62.00124	76.18491	76.37032	52.54172	2.305406	45.15288	13.70062	31.45226	30.64909	2
1919.16	1920.56	1276.06	77.69292	64.79725	78.06374	80.67186	49.96771	3.144858	46.88743	31.67677	15.21067	29.91991	2
1919.165	1920.565	1276.065	78.84247	60.62615	78.73122	80.7831	53.65556	2.116287	44.22815	19.34896	24.87919	30.63949	2
1919.17	1920.57	1276.07	80.68422	170.511	78.26151	71.84629	43.2828	4.485179	52.23202	23.43628	28.79574	29.12025	2
1919.175	1920.575	1276.075	81.15393	106.0805	79.62119	76.18491	51.54557	2.299799	46.15463	32.61652	13.53811	30.66277	2
1919.18	1920.58	1276.08	85.94989	122.9024	85.5049	84.50368	34.63236	7.779826	57.58781	29.69859	27.88922	28.87006	2
1919.185	1920.585	1276.085	82.20459	61.48176	81.43822	82.01918	55.43252	1.483425	43.08405	26.20715	16.87691	31.36283	2
1919.19	1920.59	1276.09	81.15393	75.00347	81.31461	82.21695	45.94221	4.547658	49.51014	22.58413	26.92601	29.77728	2
1919.195	1920.595	1276.095	79.48523	40.39706	79.1144	78.45929	59.97137	0.321177	39.70745	19.66241	20.04504	32.60243	2
1919.2	1920.6	1276.1	76.96364	63.77358	75.45563	73.49027	65.44732	0	34.55268	5.538946	29.01373	31.78716	2
1919.205	1920.605	1276.105	78.03902	162.78	74.57802	69.49776	55.63413	1.805889	42.55998	30.76188	11.7981	30.11032	2
1919.21	1920.61	1276.11	81.27753	99.35783	79.60883	77.09961	54.11249	1.5302	44.35731	19.38175	24.97556	30.9845	2
1919.215	1920.615	1276.115	80.14035	47.51697	80.06618	78.63234	55.34655	1.728454	42.925	20.5432	22.38179	31.85008	2
1919.22	1920.62	1276.12	76.25908	64.59863	76.91419	77.97722	49.13161	3.26929	47.5991	15.65353	31.94557	30.0491	2
1919.225	1920.625	1276.125	77.44571	124.965	74.39261	71.9081	62.16994	0.0524	37.77766	10.66528	27.11238	31.48654	2
1919.23	1920.63	1276.13	82.81026	158.7922	84.4666	74.97356	12.55022	15.36483	72.08495	46.40463	25.68032	30.79814	2
1919.235	1920.635	1276.135	90.49864	141.787	89.32437	87.1118	31.5294	7.998853	60.47175	32.26464	28.20711	29.0377	4
1919.24	1920.64	1276.14	92.82246	54.72855	92.34039	89.8806	45.09506	6.074507	48.83043	15.6467	33.18373	31.06347	4
1919.245	1920.645	1276.145	91.47514	46.8447	90.96835	90.46156	48.43408	4.758823	46.8071	29.20423	17.60287	31.18076	4
1919.25	1920.65	1276.15	95.9868	101.6038	96.11041	98.55783	26.14606	14.36383	59.49011	36.4889	23.00121	28.52382	4
1919.255	1920.655	1276.155	96.14749	85.51526	97.23524	98.32298	22.41959	18.98714	58.59326	36.59265	22.00062	28.72656	4

1919.26	1920.66	1276.16	97.44537	75.9202	96.65428	96.03625	38.1085	8.409633	53.48187	20.5825	32.89937	29.98743	4
1919.265	1920.665	1276.165	97.06219	68.84613	95.88792	93.66299	43.14261	5.572299	51.28509	22.75574	28.52934	30.90889	4
1919.27	1920.67	1276.17	94.91142	45.02653	94.76309	93.70007	42.93462	8.2977	48.76768	20.19625	28.57143	30.6403	4
1919.275	1920.675	1276.175	93.83604	39.9387	93.74951	93.89784	44.67625	7.567744	47.756	31.33751	16.4185	30.64808	4
1919.28	1920.68	1276.18	92.25386	81.68029	89.85588	86.98819	53.94418	0	46.05582	12.6528	33.40302	31.38306	4
1919.285	1920.685	1276.185	88.79286	102.9483	86.38251	82.92151	52.07723	0.455097	47.46767	31.68393	15.78374	31.46782	4
1919.29	1920.69	1276.19	89.1266	116.5312	86.91403	83.65079	46.95041	2.094141	50.95545	22.91763	28.03781	30.57082	4
1919.295	1920.695	1276.195	91.12904	125.9429	89.42325	86.85222	38.90291	4.97295	56.12414	29.19953	26.9246	29.70424	4
1919.3	1920.7	1276.2	91.53694	82.45951	91.04251	89.13896	39.66264	7.246312	53.09105	28.17266	24.91838	30.07782	4
1919.305	1920.705	1276.205	89.26256	46.98221	88.54564	86.85222	52.06489	2.951459	44.98365	31.72582	13.25783	31.85899	4
1919.31	1920.71	1276.21	85.90045	35.85927	85.67795	85.097	54.01797	2.622463	43.35957	28.8984	14.46116	31.94684	4
1919.315	1920.715	1276.215	86.12294	29.7936	85.25769	83.81148	60.26254	0.175642	39.56182	18.47916	21.08266	33.37669	4
1919.32	1920.72	1276.22	85.59143	37.21908	85.52962	82.99567	52.72785	3.117318	44.15483	21.07865	23.07619	32.06496	4
1919.325	1920.725	1276.225	82.03154	22.93343	81.4753	79.683	63.2919	0	36.7081	12.3805	24.3276	33.11251	4
1919.33	1920.73	1276.23	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1919.365	1920.765	1276.265	77.69292	14.57594	77.61876	77.33446	65.56991	0	34.43009	19.06541	15.36468	32.34742	4
1919.37	1920.77	1276.27	79.32454	52.45201	79.75716	78.33568	50.97519	3.039877	45.98493	18.70353	27.2814	31.09229	4
1919.375	1920.775	1276.275	85.29477	96.02706	84.72618	80.85727	42.69686	5.331014	51.97212	29.00173	22.97039	30.23034	4
1919.38	1920.78	1276.28	83.53955	83.07066	82.56305	77.75472	50.60838	2.707059	46.68457	33.14037	13.54419	31.36501	4
1919.385	1920.785	1276.285	83.03276	60.93173	82.95859	82.92151	49.43916	3.648633	46.91221	18.48397	28.42824	30.66302	4
1919.39	1920.79	1276.29	83.16872	61.39009	83.0822	83.03276	49.29894	3.694829	47.00623	33.5111	13.49513	30.64668	4
1919.395	1920.795	1276.295	84.77562	78.25785	82.88443	78.84247	57.72477	0	42.27523	20.66152	21.61371	32.51852	4
1919.4	1920.8	1276.3	86.32071	45.63768	85.18352	85.24533	58.35383	0.417234	41.22894	12.37393	28.85501	32.49942	4
1919.405	1920.805	1276.305	84.89923	78.08978	85.55435	82.30347	37.91781	7.913136	54.16905	36.20404	17.96501	30.01634	4
1919.41	1920.81	1276.31	82.09334	33.27716	81.7596	79.86841	59.00754	0.721209	40.27125	29.56098	10.71027	32.92138	4
1919.415	1920.815	1276.315	84.80034	38.18164	84.1823	83.27997	57.53351	1.106288	41.3602	16.34975	25.01045	32.53498	4
1919.42	1920.82	1276.32	83.27997	69.54895	81.61127	80.3752	59.484	0	40.516	26.55565	13.96036	32.09653	4
1919.425	1920.825	1276.325	83.51482	46.90582	83.32941	82.99567	53.25209	2.555523	44.19239	31.14817	13.04422	31.49895	4
1919.43	1920.83	1276.33	85.20824	75.07987	85.3813	84.25647	42.09795	6.275388	51.62666	32.70818	18.91848	29.96967	4
1919.435	1920.835	1276.335	86.8275	89.44191	85.28241	85.98697	50.44822	2.166073	47.38571	25.73085	21.65486	30.46416	4
1919.44	1920.84	1276.34	92.09317	104.7665	89.43562	86.33307	50.51685	0	49.48315	17.00862	32.47452	31.27671	4
1919.445	1920.844	1276.344	91.67291	57.23426	90.99307	91.04251	47.07899	4.800822	48.12018	29.86266	18.25752	30.79927	4
1919.45	1920.849	1276.349	90.82002	73.30753	90.20198	90.47392	43.49495	5.770197	50.73486	18.51795	32.2169	30.11398	4
1919.455	1920.854	1276.354	90.7953	54.45353	91.07959	90.77057	41.08727	8.334236	50.57849	32.40722	18.17127	30.12968	4
1919.46	1920.859	1276.359	89.32437	124.4456	90.8571	91.79651	15.82709	17.38064	66.79227	42.79983	23.99244	28.94728	4
1919.465	1920.864	1276.364	91.27736	104.5526	91.10431	90.05365	32.06423	10.00481	57.93096	30.29788	27.63308	29.22775	4
1919.47	1920.869	1276.369	79.3369	219.7392	76.86475	69.97982	32.99229	7.638459	59.36925	34.53142	24.83783	27.75778	2
1919.475	1920.874	1276.374	70.36301	43.63616	69.93038	69.13929	68.05893	0	31.94107	20.50785	11.43322	31.42321	2
1919.48	1920.879	1276.379	74.91176	92.98658	73.16889	70.44953	62.08562	0.198092	37.71629	11.67377	26.04252	31.97865	2
1919.485	1920.884	1276.384	79.95493	20.09158	79.683	79.67064	63.6868	0	36.3132	12.20247	24.11073	32.69902	2
1919.49	1920.889	1276.389	92.76065	26.27948	92.71121	92.88426	48.68375	6.147211	45.16904	14.75134	30.4177	31.29349	2
1919.495	1920.894	1276.394	104.491	59.37329	103.5145	102.5627	37.06781	10.54578	52.38641	33.72179	18.66462	30.15165	2
1919.5	1920.899	1276.399	88.7805	81.83308	88.17482	90.26378	43.21233	5.536999	51.25068	28.35289	22.89778	29.55333	2
1919.505	1920.904	1276.404	80.42464	18.31924	80.63477	80.90671	59.94755	0.581201	39.47125	27.70273	11.76853	32.87664	2
1919.51	1920.909	1276.409	97.80383	49.8699	96.48123	96.6172	48.2021	3.778006	48.0199	19.12961	28.89029	31.36268	2
1919.515	1920.914	1276.414	95.66542	52.36034	94.04617	92.3033	51.86584	1.581384	46.55277	28.08985	18.46292	32.21681	2
1919.52	1920.919	1276.419	97.44537	66.47792	97.42065	97.95216	34.4542	12.2744	53.27141	22.6172	30.65421	29.40659	2
1919.525	1920.924	1276.424	79.31218	32.2382	80.07854	81.84613	53.29182	2.503505	44.20467	18.59372	25.61095	31.18594	2
1919.53	1920.929	1276.429	76.16019	42.76527	77.50751	79.76952	49.1417	3.266702	47.5916	25.54141	22.05018	30.25757	2
1919.535	1920.934	1276.434	77.33446	41.42074	78.22443	78.17499	51.93119	2.621845	45.44696	14.02498	31.42198	31.0871	2
1919.54	1920.939	1276.439	72.85987	27.10453	73.66332	74.54093	60.1829	0	39.8171	17.23546	22.58164	32.18072	2
1919.545	1920.944	1276.444	72.6003	29.47274	72.73627	73.0082	65.02157	0	34.97843	24.1466	10.83184	31.62853	2
1919.55	1920.949	1276.449	72.18003	35.7676	72.01934	72.11823	66.18395	0	33.81605	20.04882	13.76722	31.49276	2
1919.555	1920.954	1276.454	75.25786	73.73533	76.33324	75.77701	44.5846	4.4163	50.9991	32.86172	18.13738	29.70144	2
1919.56	1920.959	1276.459	75.69048	107.5167	73.02056	70.02927	65.03758	0	34.96242	11.07979	23.88263	31.77559	2
1919.565	1920.964	1276.464	71.38895	45.86686	70.42481	68.49654	70.69445	0	29.30555	7.19468	22.11087	31.56614	2
1919.57	1920.969	1276.469	71.20354	25.40859	70.91924	70.80799	70.54717	0	29.45283	18.97709	10.47575	31.18039	2
1919.575	1920.974	1276.474	75.40618	46.21827	75.01064	73.78693	62.50695	0	37.49305	8.773633	28.71942	32.3201	5
1919.58	1920.979	1276.479	78.58289	71.68798	77.84125	72.63738	56.10299	1.344524	42.55249	12.90654	29.64595	32.11504	5
1919.585	1920.984	1276.484	77.97722	81.39	79.3369	79.4605	38.02706	6.700822	55.27212	35.64948	19.62263	29.15072	5
1919.59	1920.989	1276.489	79.12677	73.44504	80.33812	81.94501	40.0417	6.329773	53.62853	22.36827	31.26025	29.14842	5
1919.595	1920.994	1276.494	79.31218	83.88044	79.85605	79.91785	42.51872	5.432684	52.04859	24.14928	27.89931	29.40449	5
1919.6	1920.999	1276.499	76.90183	88.06682	76.12311	73.81165	53.97327	2.010241	44.01649	13.51892	30.49757	30.8253	5
1919.605	1921.004	1276.504	78.75594	130.1445	78.92899	76.11075	34.70841	7.45331	57.83828	36.09995	21.73833	28.72333	5
1919.61	1921.009	1276.509	83.21817	129.3959	83.52719	82.78554	29.73059	9.474728	60.79468	29.22062	31.57406	28.53377	5
1919.615	1921.014	1276.514	89.75699	113.9032	90.56044	90.84474	23.63227	13.88428	62.48345	45.77537	16.70808	28.78994	5
1919.62	1921.019	1276.519	91.17848	82.30672	91.15376	89.22548	36.38916	9.09607	54.51477	20.90996	33.6048	29.80494	5
1919.625	1921.024	1276.524	90.56044	54.8355	90.38739	90.82002	44.75534	6.263426	48.98123	26.5011	22.48013	30.39182	5
1919.63	1921.029	1276.529	86.35779	73.44504	85.99933	85.69031	45.55521	4.887714	49.55708	30.13306	19.42402	30.22638	5
1919.635	1921.034	1276.534	82.60013	53.26178	81.90793	81.50003	56.48309	1.239191	42.27772	22.23617	20.04155	31.88189	5
1919.64	1921.039	1276.539	83.51482	66.43208	83.25525	79.59647	49.10151	3.654428	47.24407	29.69755	17.54652	31.2228	5
1919.645	1921.044	1276.544	88.95355	198.1503	88.39731	78.63234	14.52116	13.64637	71.83247	56.14281	15.68966	30.28718	5
1919.65	1921.049	1276.549	83.89801	119.5411	84.87451	85.66559	26.31703	11.21093	62.47204	34.68227	27.78978	28.47575	2

1919.655	1921.054	1276.554	73.93526	57.00508	72.87224	72.87224	66.42276	0	33.57724	8.423473	25.15377	31.48358	2
1919.66	1921.059	1276.559	73.5768	65.10283	72.56322	71.67324	64.40971	0	35.59029	17.57682	18.01348	31.82053	2
1919.665	1921.064	1276.564	86.65445	87.34872	85.98697	84.15758	44.31248	4.891931	50.79559	23.57282	27.22277	30.20204	2
1919.67	1921.069	1276.569	93.61354	101.8024	92.3033	91.22792	39.39369	5.750727	54.85558	19.9301	34.92548	29.86746	2
1919.675	1921.074	1276.574	97.3712	57.95237	97.56898	97.07455	34.86129	12.97524	52.16347	28.8169	23.34657	29.62893	2
1919.68	1921.079	1276.579	101.6727	28.75464	101.6727	101.7222	39.50246	13.62684	46.8707	17.27228	29.59842	29.99478	2
1919.685	1921.084	1276.584	96.85205	49.21291	96.34526	95.45529	42.91421	7.878845	49.20695	33.8493	15.35765	30.65069	2
1919.69	1921.089	1276.589	93.42813	60.90117	93.30452	93.14383	40.26599	8.541935	51.19207	23.07501	28.11706	30.03519	2
1919.695	1921.094	1276.594	86.71625	194.789	86.16002	82.34056	17.39291	12.5441	70.06299	49.11868	20.9443	28.86101	2
1919.7	1921.099	1276.599	89.78172	67.36409	90.43683	87.5197	36.02154	10.13172	53.84674	33.80325	20.04349	30.06255	2
1919.705	1921.104	1276.604	93.99672	46.17244	93.1562	91.70999	48.86339	4.37478	46.76183	16.73386	30.02797	31.54769	2
1919.71	1921.109	1276.609	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1920.005	1921.403	1276.903	89.76935	139.0368	89.02771	85.93753	29.51303	9.26745	61.21952	33.64357	27.57595	29.13692	2
1920.01	1921.408	1276.908	90.21434	89.53358	89.76935	89.29965	38.78432	7.306058	53.90962	38.34797	15.56165	29.6071	2
1920.015	1921.413	1276.913	87.61859	61.86373	86.65445	86.97583	51.89194	2.472556	45.6355	21.63241	24.00309	31.17563	2
1920.02	1921.418	1276.918	90.35031	102.2914	88.40967	88.03885	47.16313	2.304226	50.53265	32.27017	18.26248	30.34261	2
1920.025	1921.423	1276.923	106.444	146.7373	104.7011	104.6888	20.0683	11.20199	68.7297	43.12866	25.60104	29.47948	4
1920.03	1921.427	1276.927	107.6183	95.29367	107.2103	108.0756	21.0914	20.90743	58.00117	33.74547	24.2557	28.55808	4
1920.035	1921.432	1276.932	94.81253	199.6935	93.30452	92.10553	16.13372	11.81464	72.05164	47.14433	24.90731	28.93423	4
1920.04	1921.437	1276.937	79.79424	89.48774	78.80539	76.37032	52.59691	2.240101	45.16298	23.73508	21.42791	30.822	4
1920.045	1921.442	1276.942	77.13669	84.15545	75.67812	75.04772	59.97252	0.398037	39.62945	25.2652	14.36425	31.56421	4
1920.05	1921.447	1276.947	90.37503	78.54815	90.09073	90.43683	40.04962	7.303542	52.64684	18.20388	34.44295	29.676	4
1920.055	1921.452	1276.952	91.96956	101.9858	93.04495	92.73593	22.37322	16.03997	61.58681	46.02397	15.56284	29.00862	4
1920.06	1921.457	1276.957	85.5049	98.68556	84.4048	85.04756	45.9794	3.900379	50.12022	34.54782	15.57241	29.68279	4
1920.065	1921.462	1276.962	80.82019	60.64143	80.94379	81.15393	50.01225	3.356844	46.63091	28.65866	17.97225	30.58385	4
1920.07	1921.467	1276.967	75.70284	45.92798	75.96242	75.45563	57.22711	1.001412	41.77148	29.04598	12.7255	31.77361	4
1920.075	1921.472	1276.972	80.01674	68.09747	80.38756	79.55939	47.03114	4.201884	48.76697	24.95129	23.81569	30.26902	4
1920.08	1921.477	1276.977	84.87451	138.9146	85.25769	82.03154	25.32847	11.11321	63.55832	37.69825	25.86006	28.99007	4
1920.085	1921.482	1276.982	85.81392	61.35953	84.99811	83.16872	52.5247	2.370714	45.10459	23.77314	21.33144	31.56489	4
1920.09	1921.487	1276.987	82.92151	101.1454	83.76204	84.50368	32.72091	9.025621	58.25347	30.64295	27.61052	28.69664	4
1920.095	1921.492	1276.992	74.92412	31.76456	74.8994	73.71276	63.57438	0	36.42562	7.286053	29.13957	32.28552	4
1920.1	1921.497	1276.997	78.90427	58.30378	78.91663	78.65706	53.20276	2.270699	44.52654	28.56199	15.96455	31.04108	4
1920.105	1921.502	1277.002	77.58167	61.77206	77.11197	75.98714	57.31626	1.04106	41.64268	13.92345	27.71923	31.68585	4
1920.11	1921.507	1277.007	78.26151	36.76072	78.03902	78.0761	60.82764	0.079446	39.09292	23.2246	15.86832	32.62823	4
1920.115	1921.512	1277.012	78.50873	56.07308	79.23801	79.7448	48.55034	3.694919	47.75474	24.51733	23.23741	30.34122	4
1920.12	1921.517	1277.017	83.98453	66.01956	83.97217	82.30347	46.85329	4.547969	48.59874	16.39664	32.2021	30.61344	4
1920.125	1921.522	1277.022	78.32332	51.61168	78.00194	77.49515	57.94321	0.874404	41.18239	13.21863	27.96376	31.92146	4
1920.13	1921.527	1277.027	84.30591	100.7788	82.56305	78.92899	51.55729	1.876052	46.56666	20.09414	26.47252	31.03786	4
1920.135	1921.532	1277.032	88.39731	113.2309	87.84108	88.06357	35.58339	7.687447	56.72917	22.48918	34.23998	28.927	4
1920.14	1921.537	1277.037	81.4135	83.8346	80.32576	76.79059	53.24163	1.960168	44.79821	27.53331	17.2649	31.33123	4
1920.145	1921.542	1277.042	78.0143	116.4548	76.0613	73.15653	55.18051	1.669884	43.14961	27.92617	15.22344	30.60311	4
1920.15	1921.547	1277.047	76.55573	102.6275	74.77579	72.95876	58.52745	0.941837	40.53071	19.18667	21.34404	31.09729	4
1920.155	1921.552	1277.052	78.79303	63.77358	78.48401	79.4605	54.4721	1.852138	43.67576	22.1724	21.50336	30.88552	4
1920.16	1921.557	1277.057	75.40618	75.56879	74.08359	71.77213	62.5888	0	37.4112	21.96823	15.44297	32.19857	4
1920.165	1921.562	1277.062	80.32576	57.72318	80.20215	79.62119	53.08925	2.352788	44.55796	29.21406	15.3439	31.16832	4
1920.17	1921.567	1277.067	78.0761	144.5983	77.30974	76.4074	39.11654	6.099044	54.78442	25.39078	29.39364	28.16371	4
1920.175	1921.572	1277.072	72.51377	142.4134	70.78327	67.75489	52.23468	3.336824	44.4285	25.41574	19.01275	29.21637	4
1920.18	1921.577	1277.077	73.10709	114.4227	71.47547	70.40009	57.69621	1.660774	40.64301	29.79322	10.84979	30.28875	4
1920.185	1921.582	1277.082	67.79197	55.14107	67.79197	69.68317	64.28724	0	35.71276	17.67612	18.03664	31.00069	4
1920.19	1921.587	1277.087	65.56704	58.2885	65.03553	65.44344	69.69172	0	30.30828	13.11623	17.19205	31.07059	4
1920.195	1921.592	1277.092	68.75611	89.59469	67.76725	65.61649	62.72611	0.46603	36.80786	20.55794	16.24992	31.59604	4
1920.2	1921.597	1277.097	63.96015	59.38857	63.0949	59.36196	73.49033	0	26.50967	11.50872	15.00095	31.9254	2
1920.205	1921.602	1277.102	67.82906	61.98596	67.2481	67.63129	67.09906	0	32.90094	24.64332	8.257621	31.25467	2
1920.21	1921.607	1277.107	73.49027	50.46577	74.91176	77.14905	49.15973	2.883084	47.95718	22.83657	25.12061	30.00441	2
1920.215	1921.612	1277.112	79.55939	44.85846	79.69536	79.4605	54.89586	1.878235	43.2259	29.78101	13.44489	31.56901	2
1920.22	1921.617	1277.117	73.86109	29.65609	74.17011	74.94884	62.47613	0	37.52387	16.20256	21.32131	31.98539	2
1920.225	1921.622	1277.122	67.68073	32.13125	67.49532	68.2246	71.3949	0	28.6051	18.93211	9.672985	30.79316	2
1920.23	1921.627	1277.127	76.55573	26.75312	76.80295	76.55573	61.17856	0	38.82144	13.3129	25.50854	32.76715	2
1920.235	1921.632	1277.132	77.42098	39.69424	77.89069	78.0761	55.52645	1.581421	42.89213	25.80838	17.08375	31.58571	2
1920.24	1921.637	1277.137	73.32958	44.614	73.21834	73.37903	62.60236	0	37.39764	19.97152	17.42613	31.91709	2
1920.245	1921.642	1277.142	73.68804	59.8011	73.82401	76.48157	56.68138	1.144143	42.17448	29.54092	12.63355	30.69948	2
1920.25	1921.647	1277.147	77.34682	114.2088	75.69048	74.44205	54.03902	2.053804	43.90718	15.93195	27.97523	30.12474	2
1920.255	1921.652	1277.152	81.73488	49.0754	81.45058	79.27509	55.13096	1.805636	43.0634	19.01871	24.04469	31.99977	2
1920.26	1921.657	1277.157	80.88199	36.39402	80.95615	81.3517	56.20644	1.61249	42.18107	18.6148	23.56626	31.8786	2
1920.265	1921.662	1277.162	83.25525	49.41154	82.36528	82.16751	58.34487	0.60662	41.04851	18.49344	22.55507	32.27573	2
1920.27	1921.667	1277.167	85.67795	29.57969	85.75212	86.69153	53.44322	3.091717	43.46506	28.979	14.48606	31.63991	2
1920.275	1921.672	1277.172	86.4196	49.56432	86.87694	88.44676	44.95497	6.125724	48.91931	33.53746	15.38185	30.12478	2
1920.28	1921.677	1277.177	88.06357	51.04636	87.85344	89.32437	48.25682	4.630297	47.11288	17.20741	29.90548	30.58788	2
1920.285	1921.682	1277.182	88.1501	52.92565	87.98941	88.06357	47.33924	4.981491	47.67926	15.509	32.17026	30.70507	2
1920.29	1921.687	1277.187	85.1588	30.55754	85.3813	86.40724	52.53466	3.409358	44.05599	23.40868	20.64731	31.44517	2
1920.295	1921.692	1277.192	84.77562	38.89974	85.01047	86.55556	50.77257	3.83487	45.39256	15.05082	30.34174	30.95304	2
1920.3	1921.697	1277.197	87.33429	39.92342	87.55678	88.95355	48.26666	5.115595	46.61774	19.42808	27.18966	30.70865	2
1920.305	1921.702	1277.202	89.80644	28.37267	89.96713	89.96713	49.26655	5.45166	45.28179	18.00835	27.27344	31.31038	2

1920.31	1921.707	1277.207	91.45041	19.90823	91.11667	90.89418	53.63431	3.681558	42.68413	20.77276	21.91137	32.22435	2
1920.315	1921.712	1277.212	93.5641	25.20997	93.45285	92.94606	48.68238	6.278256	45.03937	31.22495	13.81442	31.44024	2
1920.32	1921.717	1277.217	97.17343	24.90439	97.56898	98.48367	41.50812	11.76377	46.72811	18.00128	28.72683	30.13023	2
1920.325	1921.721	1277.221	94.63948	36.60793	95.20808	96.76553	39.66596	11.3256	49.00844	34.82777	14.18067	29.77025	2
1920.33	1921.726	1277.226	91.10431	68.75446	91.77179	91.9572	34.37249	11.21008	54.41744	22.11869	32.29875	29.38609	2
1920.335	1921.731	1277.231	91.96956	35.87455	92.41455	93.46521	43.25772	8.591766	48.15052	32.08437	16.06615	30.27481	2
1920.34	1921.736	1277.236	95.83847	67.08907	95.2328	93.68771	40.28704	7.93289	51.78007	21.59177	30.18831	30.34481	2
1920.345	1921.741	1277.241	90.77057	213.2305	88.39731	83.27997	23.28206	8.196971	68.52097	48.80988	19.71108	28.83844	2
1920.35	1921.746	1277.246	83.144	78.51759	83.61371	84.59021	40.86603	6.488604	52.64537	30.64423	22.00114	29.35213	5
1920.355	1921.751	1277.251	81.33934	115.095	82.16751	81.50003	30.89652	9.156992	59.94649	34.30203	25.64445	28.67316	5
1920.36	1921.756	1277.256	79.38634	65.08755	79.73244	79.89313	48.5311	3.701567	47.76733	25.48115	22.28618	30.27063	5
1920.365	1921.761	1277.261	81.94501	106.3097	81.85849	79.02788	39.55422	6.278738	54.16704	38.49566	15.67138	29.47003	5
1920.37	1921.766	1277.266	83.74968	91.21424	84.60257	86.80278	34.26655	8.825406	56.90805	38.0695	18.83854	28.62949	5
1920.375	1921.771	1277.271	81.78432	63.63607	82.03154	82.22931	47.44258	4.25954	48.29788	23.70239	24.59549	30.27424	5
1920.38	1921.776	1277.276	79.60883	57.12731	80.11562	81.3517	49.00744	3.649415	47.34314	21.7187	25.62444	30.28069	5
1920.385	1921.781	1277.281	75.88825	92.95602	74.34316	72.40253	59.66191	0.663857	39.67424	23.78302	15.89121	31.46536	5
1920.39	1921.786	1277.286	75.66576	92.0393	74.86231	72.41489	54.34071	1.986766	43.67252	17.01943	26.65309	30.72864	5
1920.395	1921.791	1277.291	81.53711	69.45728	81.52475	80.18979	48.273	3.848018	47.87899	19.51744	28.36155	30.53995	5
1920.4	1921.796	1277.296	80.36284	67.36409	80.30103	78.50873	50.24306	3.17252	46.58442	33.68242	12.902	30.83728	5
1920.405	1921.801	1277.301	79.50995	54.46881	79.12677	78.24915	56.63906	1.248277	42.11266	22.91844	19.19422	31.78283	5
1920.41	1921.806	1277.306	72.15531	49.33514	71.92046	71.31478	63.49813	0	36.50187	22.78531	13.71657	31.84651	5
1920.415	1921.811	1277.311	78.48401	53.12428	78.10082	78.2986	57.9083	0.878919	41.21278	20.71633	20.49644	31.76287	5
1920.42	1921.816	1277.316	77.01308	38.08997	76.4074	75.86353	64.62418	0	35.37582	12.11697	23.25885	32.03815	5
1920.425	1921.821	1277.321	74.81287	76.60774	73.52735	70.73383	62.59584	0	37.40416	15.03234	22.37182	32.29876	5
1920.43	1921.826	1277.326	77.68056	131.321	76.49393	73.44083	45.95059	4.22466	49.82475	23.16165	26.66311	29.22537	5
1920.435	1921.831	1277.331	86.51848	88.296	87.34665	88.73105	32.61705	10.12298	57.25997	31.40075	25.85922	28.83407	5
1920.44	1921.836	1277.336	83.18108	55.82862	83.51482	84.68909	47.37639	4.566557	48.05705	19.10984	28.94721	30.26936	5
1920.445	1921.841	1277.341	78.31096	89.76276	77.19849	74.72634	54.85294	1.688355	43.4587	22.90207	20.55663	31.03643	5
1920.45	1921.846	1277.346	75.33202	40.45818	74.84995	74.97356	64.63969	0	35.36031	5.88518	29.47513	31.81723	5
1920.455	1921.851	1277.351	79.32454	65.989	79.55939	80.18979	49.23197	3.466391	47.30164	32.03141	15.27023	30.24277	5
1920.46	1921.856	1277.356	80.00438	57.81486	79.16385	77.13669	58.91888	0.501719	40.5794	19.518	21.0614	32.35604	5
1920.465	1921.861	1277.361	83.68787	42.87222	84.15758	85.12172	48.99184	4.335843	46.67231	22.12005	24.55227	30.72093	5
1920.47	1921.866	1277.366	82.87207	59.77054	83.70024	85.71503	42.87492	6.170351	50.95473	27.19039	23.76434	29.59662	5
1920.475	1921.871	1277.371	82.92151	47.66976	83.16872	82.66193	50.26022	3.64777	46.09201	21.61299	24.47902	31.05411	5
1920.48	1921.876	1277.376	83.06984	35.93566	83.04512	82.98331	55.07091	2.11949	42.8096	13.1197	29.6899	31.88316	5
1920.485	1921.881	1277.381	81.26517	37.2038	81.1292	82.58777	57.28647	1.245444	41.46808	15.77274	25.69534	31.86964	5
1920.49	1921.886	1277.386	80.53589	76.10354	79.67064	75.82645	54.19562	1.799091	44.00529	27.36389	16.6414	31.60686	5
1920.495	1921.891	1277.391	86.35779	82.5359	85.83864	85.60379	44.60056	4.959959	50.43948	18.03194	32.40754	29.97922	5
1920.5	1921.896	1277.396	85.64087	70.84765	84.91159	82.58777	49.71721	3.234095	47.04869	28.23736	18.81133	31.09847	5
1920.505	1921.901	1277.401	84.83742	91.26008	85.24533	85.87572	36.70337	7.958983	55.33764	23.37204	31.9656	29.03997	5
1920.51	1921.906	1277.406	82.36528	82.04698	81.95737	81.05504	47.52983	3.896463	48.5737	27.5546	21.01911	30.20461	5
1920.515	1921.911	1277.411	81.28989	45.20987	80.68422	79.67064	58.9665	0.561686	40.47182	17.72554	22.74628	32.48854	5
1920.52	1921.916	1277.416	78.84247	49.33514	78.15027	77.34682	60.89038	0.007387	39.10223	14.24008	24.86215	32.58261	5
1920.525	1921.921	1277.421	75.97478	61.0234	75.15897	74.3308	61.65806	0	38.34194	24.48879	13.85315	32.20747	5
1920.53	1921.926	1277.426	81.90793	93.91859	81.24045	79.31218	47.08937	3.857404	49.05322	31.53207	17.52116	30.11665	5
1920.535	1921.931	1277.431	81.89557	71.8866	81.27753	78.95371	52.0493	2.498752	45.45195	13.23747	32.21448	31.17724	5
1920.54	1921.936	1277.436	86.14766	45.95853	86.70389	87.30957	45.31138	6.08239	48.60623	29.73492	18.87131	30.37875	2
1920.545	1921.941	1277.441	81.84613	44.9043	82.84735	82.05626	46.07527	5.15792	48.76681	19.40619	29.36062	30.62075	2
1920.55	1921.946	1277.446	78.7683	38.47194	78.81775	78.13791	57.83977	0.976642	41.18359	24.21828	16.96531	32.20889	2
1920.555	1921.951	1277.451	80.85727	74.49927	80.7213	82.00682	48.63624	3.626934	47.73682	28.48309	19.25373	29.97413	2
1920.56	1921.956	1277.456	77.21085	68.99892	77.29738	78.2986	51.59771	2.640362	45.76193	30.27187	15.49006	30.29481	2
1920.565	1921.961	1277.461	77.33446	75.79797	78.11319	77.97722	44.47406	4.687909	50.83803	28.26481	22.57322	29.64904	2
1920.57	1921.966	1277.466	75.56687	38.68584	75.43091	75.67812	62.17025	0	37.82975	12.84682	24.98293	32.20098	2
1920.575	1921.971	1277.471	81.79668	28.02126	82.35292	83.0204	53.6551	2.724869	43.62003	25.60708	18.01295	31.59837	2
1920.58	1921.976	1277.476	77.59403	92.0393	78.32332	73.82401	40.68803	5.769025	53.54294	31.01208	22.53086	29.90104	2
1920.585	1921.981	1277.481	76.29616	57.0662	77.17377	78.7065	49.19602	3.255092	47.54889	17.36495	30.18394	30.10989	2
1920.59	1921.986	1277.486	78.12555	83.26928	78.05138	80.15271	48.5481	3.51681	47.93509	34.39538	13.53971	29.50555	2
1920.595	1921.991	1277.491	80.12798	50.14492	79.84369	82.57541	56.35049	1.376553	42.27296	14.58925	27.68371	31.18252	2
1920.6	1921.996	1277.496	79.76952	45.42378	79.50995	79.3369	57.63119	1.011858	41.35695	15.01631	26.34063	32.00189	2
1920.605	1922.001	1277.501	83.24289	40.96238	83.53955	85.80156	51.20455	3.479291	45.31616	14.43355	30.88261	30.78949	2
1920.61	1922.006	1277.506	82.15514	40.56513	81.96973	82.89679	56.03744	1.641863	42.3207	18.51408	23.80662	31.74016	2
1920.615	1922.011	1277.511	82.61249	57.09676	82.60013	86.38251	50.27489	3.409189	46.31592	32.65524	13.66069	30.0971	2
1920.62	1922.015	1277.515	82.05626	58.24266	82.24167	82.29111	48.97658	3.83099	47.19243	33.61091	13.58152	30.57853	2
1920.625	1922.02	1277.52	81.21573	34.19388	81.40114	81.36406	55.56968	1.882584	42.54774	21.5646	20.98314	31.90377	2
1920.63	1922.025	1277.525	79.85605	70.58791	79.08968	78.24915	55.38949	1.507177	43.10333	29.43024	13.67309	31.29181	2
1920.635	1922.03	1277.53	86.22182	97.79939	86.59265	88.66925	34.1346	8.973361	56.89204	30.75955	26.13249	28.62295	2
1920.64	1922.035	1277.535	82.25403	56.562	82.05626	82.20459	52.17102	2.721529	45.10745	27.11974	17.98771	31.01842	2
1920.645	1922.04	1277.54	82.85971	56.83702	81.78432	79.59647	58.34874	0.49424	41.15702	23.0675	18.08953	32.48966	2
1920.65	1922.045	1277.545	83.21817	64.59863	82.76082	81.80904	51.35086	2.853286	45.79586	21.76899	24.02687	31.02481	2
1920.655	1922.05	1277.55	92.00665	128.0055	92.10553	93.05731	23.61018	13.23431	63.15551	30.84517	32.31034	28.57993	2
1920.66	1922.055	1277.555	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1921.005	1922.399	1277.899	91.94484	163.8801	90.52336	83.52719	26.76827	8.917156	64.31457	31.34997	32.9646	29.7286	2
1921.01	1922.404	1277.904	76.95128	119.3425	74.34316	72.15531	60.53684	0.513369	38.94979	14.835	24.11479	31.18509	2

1921.015	1922.409	1277.909	71.51255	27.39483	71.15409	70.75855	70.35698	0	29.64302	8.758261	20.88476	31.25106	2
1921.02	1922.414	1277.914	78.89191	38.08997	78.81775	78.3604	58.77644	0.69752	40.52604	24.77051	15.75552	32.34171	2
1921.025	1922.419	1277.919	82.67429	36.63849	82.58777	82.66193	55.7437	1.839712	42.41658	25.76851	16.64808	31.9355	2
1921.03	1922.424	1277.924	77.23557	122.9177	76.64226	77.19849	43.79538	4.822112	51.3825	23.16086	28.22164	28.52646	2
1921.035	1922.429	1277.929	72.72391	52.55896	72.42725	73.97234	62.67383	0	37.32617	13.28747	24.03869	31.56597	2
1921.04	1922.434	1277.934	71.37659	68.32665	70.56078	68.81792	64.12101	0	35.87899	18.88067	16.99832	31.96949	2
1921.045	1922.439	1277.939	70.59786	38.97614	70.5237	71.51255	66.19252	0	33.80748	16.27291	17.53457	31.18707	2
1921.05	1922.444	1277.944	71.45075	39.92342	71.74741	72.52613	62.30475	0	37.69525	19.40449	18.29077	31.65661	2
1921.055	1922.449	1277.949	71.3395	39.61784	71.37659	71.50019	64.49275	0	35.50725	17.02716	18.48008	31.54795	2
1921.06	1922.454	1277.954	73.25542	55.7675	72.78571	71.64852	62.74952	0	37.25048	24.60793	12.64256	32.07066	2
1921.065	1922.459	1277.959	71.07993	53.12428	71.17881	71.42603	60.98403	0.00916	39.00682	7.251909	31.75491	31.84671	2
1921.07	1922.464	1277.964	68.26168	45.8363	69.13929	70.96868	59.30537	0.047866	40.64676	15.6765	24.97026	31.28183	2
1921.075	1922.469	1277.969	76.6299	95.76732	78.97844	81.73488	28.12363	9.368952	62.50742	40.30462	22.2028	28.32018	2
1921.08	1922.474	1277.974	79.7448	90.80172	80.90671	82.66193	35.65597	7.665676	56.67835	28.21817	28.46018	28.64175	2
1921.085	1922.479	1277.979	74.18247	57.50928	74.47913	73.86109	55.53578	1.421619	43.0426	29.51884	13.52376	31.20194	2
1921.09	1922.484	1277.984	68.29876	83.13178	68.41001	66.07383	56.18509	1.477772	42.33714	13.57306	28.76408	30.68933	2
1921.095	1922.489	1277.989	65.14678	34.02582	64.73887	63.65113	74.99197	0	25.00803	15.71259	9.295434	31.07814	2
1921.1	1922.494	1277.994	65.06025	48.25035	64.66471	64.15792	71.53344	0	28.46656	11.811	16.65555	31.06965	2
1921.105	1922.499	1277.999	70.59786	83.59014	68.99097	64.67707	67.27459	0	32.72541	24.9455	7.779907	32.33171	2
1921.11	1922.504	1278.004	81.99445	72.51303	81.33934	79.26273	52.09412	2.469564	45.43632	31.93236	13.50396	31.12795	2
1921.115	1922.509	1278.009	78.97844	97.38687	77.90305	76.11075	52.10644	2.409755	45.4838	24.55693	20.92688	30.41964	2
1921.12	1922.514	1278.014	78.96608	74.77429	79.4605	78.13791	45.42401	4.563945	50.01205	21.24191	28.77014	30.03043	2
1921.125	1922.519	1278.019	79.78188	47.57808	79.29982	78.0761	58.8228	0.619546	40.55765	15.34055	25.2171	32.36214	2
1921.13	1922.524	1278.024	71.07993	44.36954	71.03049	70.80799	64.25222	0	35.74778	23.49023	12.25755	31.61239	2
1921.135	1922.529	1278.029	68.59542	64.87365	67.5324	65.13442	69.43122	0	30.56878	8.774524	21.79426	31.77496	2
1921.14	1922.534	1278.034	69.81913	78.74677	68.44709	64.66471	67.343	0	32.657	14.3286	18.3284	32.21326	2
1921.145	1922.539	1278.039	75.82645	78.48703	75.76465	76.88947	51.72478	2.578782	45.69643	31.85475	13.84168	30.01429	2
1921.15	1922.544	1278.044	80.25159	43.86534	80.39992	81.33934	54.40357	2.084031	43.51239	32.0543	11.4581	31.31956	2
1921.155	1922.549	1278.049	78.79303	32.80351	78.97844	78.65706	58.13503	0.924592	40.94038	13.83855	27.10182	32.29711	2
1921.16	1922.554	1278.054	69.12693	43.02501	68.66959	66.85256	69.53561	0	30.46439	20.13015	10.33424	31.47379	2
1921.165	1922.559	1278.059	71.88338	58.56352	70.74619	69.04041	68.50812	0	31.49188	19.28479	12.20708	31.64308	2
1921.17	1922.564	1278.064	78.85483	34.33139	79.17621	79.08968	56.65467	1.374376	41.97095	24.47347	17.49748	31.97637	2
1921.175	1922.569	1278.069	79.70772	58.39545	80.38756	82.29111	47.26844	4.213894	48.51767	28.45361	20.06406	29.94108	2
1921.18	1922.574	1278.074	66.22216	74.86596	65.01081	61.12954	70.34602	0	29.65398	18.0242	11.62978	32.16979	2
1921.185	1922.579	1278.079	64.10848	46.29467	64.42986	64.96137	67.3262	0	32.6738	24.16029	8.513501	30.68362	2
1921.19	1922.584	1278.084	61.64869	40.39706	60.7958	59.28779	80.11702	0	19.88298	11.96088	7.9221	31.57146	2
1921.195	1922.589	1278.089	66.86492	40.82487	66.56826	65.1097	70.90375	0	29.09625	5.147231	23.94902	31.23379	2
1921.2	1922.594	1278.094	71.01813	51.96309	70.67202	70.22704	64.77054	0	35.22946	25.24516	9.984308	31.61928	2
1921.205	1922.599	1278.099	73.0082	65.11811	73.03292	72.84751	56.88228	1.13501	41.98271	21.87983	20.10288	31.09126	2
1921.21	1922.603	1278.103	72.71155	44.49177	72.85987	72.89696	61.18882	0	38.81118	25.22152	13.58966	32.05659	2
1921.215	1922.608	1278.108	74.66454	31.84095	74.59038	75.55451	64.17789	0	35.82211	25.72396	10.09815	31.76952	2
1921.22	1922.613	1278.113	70.80799	69.79341	70.32592	73.25542	61.70267	0.163869	38.13346	14.36988	23.76358	31.07633	2
1921.225	1922.618	1278.118	71.69797	69.64062	70.65966	71.10465	65.23168	0	34.76832	22.97796	11.79037	31.48378	2
1921.23	1922.623	1278.123	73.04529	54.2549	72.62502	70.3012	62.9257	0	37.0743	22.24084	14.83346	32.26264	2
1921.235	1922.628	1278.128	70.68439	60.8095	70.95632	70.56078	58.14696	0.71602	41.13702	17.97294	23.16408	31.28906	2
1921.24	1922.633	1278.133	76.86475	100.1676	78.91663	76.87711	29.14179	9.085287	61.77292	44.65587	17.11705	29.09687	2
1921.245	1922.638	1278.138	85.23297	39.7248	85.4431	85.59143	50.34374	4.022194	45.63406	14.47271	31.16135	31.14706	2
1921.25	1922.643	1278.143	84.77562	43.92646	86.04877	87.71747	41.50927	7.605303	50.88542	17.35764	33.52778	29.80857	2
1921.255	1922.648	1278.148	71.38895	78.44119	70.35065	67.64365	63.38624	0	36.61376	6.588947	30.02482	32.23754	2
1921.26	1922.653	1278.153	64.57818	41.06933	64.195	62.63755	73.61896	0	26.38104	14.52466	11.85638	31.18452	2
1921.265	1922.658	1278.158	68.45945	50.43521	67.73017	66.77839	70.46393	0	29.53607	19.17414	10.36193	31.3386	2
1921.27	1922.663	1278.163	78.75594	59.12883	78.75594	79.83133	53.23536	2.250462	44.51418	15.4793	29.03488	30.76559	2
1921.275	1922.668	1278.168	84.55313	52.23811	84.83742	81.45058	47.3662	4.790945	47.84285	26.6361	21.20675	31.2087	2
1921.28	1922.673	1278.173	79.12677	67.7155	79.95493	80.47408	44.39792	4.975676	50.62641	17.17262	33.45379	29.73714	2
1921.285	1922.678	1278.178	67.64365	43.97229	67.33463	67.26046	69.52144	0	30.47856	14.55142	15.92714	31.06931	2
1921.29	1922.683	1278.183	68.52126	31.4437	69.01569	69.8315	65.51924	0	34.48076	8.980995	25.49977	30.99705	2
1921.295	1922.688	1278.188	70.04163	25.50026	69.93038	69.10221	70.2528	0	29.7472	12.0672	17.68001	31.22186	2
1921.3	1922.693	1278.193	68.45945	45.31683	68.95388	72.41489	62.2188	0	37.7812	25.46555	12.31565	30.81569	2
1921.305	1922.698	1278.198	68.43473	45.17932	68.19988	68.37293	67.92677	0	32.07323	20.35071	11.72252	31.12075	2
1921.31	1922.703	1278.203	71.82157	66.61543	71.89574	72.08115	57.22845	1.045578	41.72598	17.70933	24.01664	30.97194	2
1921.315	1922.708	1278.208	80.77074	69.35033	81.4753	82.43944	43.44778	5.471574	51.08064	20.86508	30.21556	29.60686	2
1921.32	1922.713	1278.213	87.21068	52.8187	87.28485	81.85849	46.40927	5.38477	48.20596	25.29124	22.91472	31.55956	2
1921.325	1922.718	1278.218	82.57541	115.8895	85.87572	88.87938	10.40793	17.62704	71.96503	63.15092	8.814109	29.35903	2
1921.33	1922.723	1278.223	71.42603	56.37865	70.91924	69.75733	64.57204	0	35.42796	6.122985	29.30497	31.79808	2
1921.335	1922.728	1278.228	69.57192	54.3313	69.69553	67.38407	61.8877	0	38.1123	19.06857	19.04372	32.09211	2
1921.34	1922.733	1278.233	70.69675	55.82862	72.16767	75.3073	50.04878	2.354072	47.59715	30.07965	17.5175	29.69	2
1921.345	1922.738	1278.238	72.52613	47.99061	73.66332	74.97356	52.84903	1.841433	45.30954	29.22599	16.08355	30.60307	2
1921.35	1922.743	1278.243	71.74741	61.97068	72.41489	70.70911	53.82251	1.717852	44.45964	24.65803	19.80161	30.93863	2
1921.355	1922.748	1278.248	73.24306	56.30226	73.30486	72.19239	58.51226	0.662354	40.82538	10.8622	29.96318	31.7275	2
1921.36	1922.753	1278.253	81.27753	66.66126	80.63477	82.22931	54.07402	1.910235	44.01575	22.33766	21.67809	30.79496	2
1921.365	1922.758	1278.258	85.35657	50.32826	85.51726	84.1823	48.04717	4.632366	47.32046	27.25006	20.07041	30.96948	2
1921.37	1922.763	1278.263	83.88565	102.3066	82.77318	83.74968	46.68861	3.701751	49.60964	22.64113	26.96851	29.51811	2
1921.375	1922.768	1278.268	74.31844	107.5778	72.97112	71.562	56.03493	1.817498	42.14757	19.58079	22.56678	30.33665	2

1921.38	1922.773	1278.273	68.68195	40.70264	68.44709	67.35935	68.78269	0	31.21731	18.74398	12.47333	31.30741	2
1921.385	1922.778	1278.278	70.31356	56.2717	69.78205	68.06391	65.81298	0	34.18702	9.733808	24.45321	31.75703	2
1921.39	1922.783	1278.283	72.83515	61.06923	73.19361	72.41489	55.43483	1.411055	43.15412	12.56342	30.5907	31.06485	2
1921.395	1922.788	1278.288	71.20354	50.81718	71.01813	70.5855	63.63192	0	36.36808	6.224091	30.14399	31.72269	2
1921.4	1922.793	1278.293	76.39504	80.85524	76.18491	76.74114	51.77812	2.582618	45.63926	17.18424	28.45502	30.10736	2
1921.405	1922.798	1278.298	84.54077	106.3249	83.61371	82.98331	43.67653	4.686784	51.63668	36.5622	15.07449	29.49909	2
1921.41	1922.803	1278.303	85.02283	63.84997	86.12294	87.71747	37.80149	8.515789	53.68273	37.17673	16.50599	29.29539	2
1921.415	1922.808	1278.308	79.91785	60.96228	79.53467	79.3369	54.69237	1.801388	43.50624	29.0552	14.45104	31.24207	2
1921.42	1922.813	1278.313	76.85239	46.17244	77.06252	77.28502	56.49354	1.259926	42.24653	25.77609	16.47043	31.56392	2
1921.425	1922.818	1278.318	72.11823	26.99758	71.73505	70.73383	70.08748	0	29.91252	12.96648	16.94604	31.40914	2
1921.43	1922.823	1278.323	75.5916	37.89134	76.30852	76.76587	55.72988	1.368357	42.90177	22.24131	20.66046	31.50923	2
1921.435	1922.828	1278.328	74.97356	34.62169	75.48035	75.13425	58.71825	0.518108	40.76364	10.4971	30.26654	32.17717	2
1921.44	1922.833	1278.333	69.08985	30.98534	69.15165	68.01447	68.45991	0	31.54009	20.27437	11.26573	31.28493	2
1921.445	1922.838	1278.338	76.3456	96.43958	78.06374	81.05504	33.10807	7.803544	59.08838	27.3692	31.71918	28.17842	2
1921.45	1922.843	1278.343	83.89801	55.98141	84.28119	85.75212	46.29667	5.051263	48.65207	33.83374	14.81833	30.10931	2
1921.455	1922.848	1278.348	82.85971	59.96916	83.74968	83.32941	42.35924	6.364029	51.27673	29.17037	22.10635	29.99178	2
1921.46	1922.853	1278.353	79.58411	68.80029	79.21329	78.40984	53.00682	2.266124	44.72706	18.26369	26.46337	30.94169	2
1921.465	1922.858	1278.358	73.56444	55.30914	72.98348	72.43961	63.4383	0	36.5617	12.10259	24.45911	31.89093	2
1921.47	1922.863	1278.363	76.30852	72.51303	75.86353	71.61144	55.69665	1.515982	42.78736	15.82462	26.96275	31.69941	2
1921.475	1922.868	1278.368	75.25786	33.84247	75.69048	76.20963	59.22005	0.403892	40.37606	19.31532	21.06074	32.13378	2
1921.48	1922.873	1278.373	71.26534	49.1518	72.36545	73.46555	54.01534	1.452967	44.53169	22.93589	21.5958	30.70849	2
1921.485	1922.878	1278.378	67.21102	38.50249	66.88964	65.78954	71.33895	0	28.66105	9.086624	19.57443	31.16198	2
1921.49	1922.883	1278.383	70.15287	111.1989	69.48539	72.69918	53.72219	2.571527	43.70628	26.60616	17.10012	28.78629	2
1921.495	1922.888	1278.388	78.84247	150.7862	82.52597	87.38373	2.42757	18.03029	79.54214	79.54214	0	-9999	2
1921.5	1922.893	1278.393	84.36772	69.35033	85.14644	85.01047	39.5638	7.443564	52.99264	29.32173	23.67091	29.63329	2
1921.505	1922.897	1278.397	84.80034	52.86454	84.76326	84.34299	49.47786	3.918229	46.60392	25.00299	21.60092	30.92508	2
1921.51	1922.902	1278.402	78.08846	50.43521	79.02788	80.79546	48.67282	3.648876	47.6783	20.63329	27.04502	30.19954	2
1921.515	1922.907	1278.407	70.41245	53.15483	71.24062	73.13181	55.93877	1.024241	43.03699	18.90253	24.13446	30.69387	2
1921.52	1922.912	1278.412	68.48418	73.99507	68.17516	66.34577	61.48264	0.307789	38.20957	28.1421	10.06747	31.66036	2
1921.525	1922.917	1278.417	75.61632	114.6519	75.50507	77.01308	43.5494	4.865626	51.58498	27.68589	23.89909	28.40185	2
1921.53	1922.922	1278.422	78.96608	55.38553	78.87955	77.85361	54.61848	1.858433	43.52309	27.4172	16.10588	31.43446	2
1921.535	1922.927	1278.427	83.3665	53.06316	83.04512	81.50003	52.95223	2.518411	44.52936	16.34848	28.18088	31.55285	2
1921.54	1922.932	1278.432	78.49637	93.84219	79.44814	77.49515	37.69726	6.778846	55.52389	26.43257	29.09132	29.28993	2
1921.545	1922.937	1278.437	66.09855	55.82862	65.82662	64.40513	67.78631	0	32.21369	17.60948	14.60421	31.37981	2
1921.55	1922.942	1278.442	64.97373	53.44513	65.93786	67.60656	59.81839	0	40.18161	26.03733	14.14428	30.91071	2
1921.555	1922.947	1278.447	71.47547	61.64983	72.55086	74.87467	50.98908	2.31867	46.69225	24.97083	21.72142	29.84414	2
1921.56	1922.952	1278.452	78.75594	84.69021	80.0909	80.84491	36.70357	7.22687	56.06956	21.48083	34.58874	28.93329	2
1921.565	1922.957	1278.457	83.7744	60.06084	85.61615	87.49498	34.11928	9.937484	55.94324	22.66129	33.28195	29.12133	2
1921.57	1922.962	1278.462	67.97739	105.2402	68.64486	65.41871	46.81972	3.687655	49.49262	24.82563	24.667	29.2888	2
1921.575	1922.967	1278.467	59.79458	42.30691	59.42376	58.90461	77.62458	0	22.37542	5.234213	17.1412	31.03776	2
1921.58	1922.972	1278.472	64.24444	62.52072	64.80068	58.58323	61.45429	0	38.54571	22.74587	15.79984	32.33358	2
1921.585	1922.977	1278.477	66.56826	56.76062	66.97617	64.15792	61.85987	0	38.14013	25.08222	13.05791	31.8784	2
1921.59	1922.982	1278.482	68.11335	33.30771	68.33585	68.9168	67.55093	0	32.44907	11.34778	21.10129	30.91696	2
1921.595	1922.987	1278.487	63.86126	39.63312	63.79946	62.82296	72.1354	0	27.8646	18.88879	8.975804	30.9239	2
1921.6	1922.992	1278.492	56.60551	72.83389	55.30764	55.82679	80.35567	0	19.64433	13.89588	5.748448	32.02595	2
1921.605	1922.997	1278.497	56.66732	32.51322	56.49427	56.65496	81.33901	0	18.66099	18.66099	0	30.89871	2
1921.61	1923.002	1278.502	60.42498	51.96309	60.54859	59.09002	70.876	0	29.124	23.01953	6.104472	30.92686	2
1921.615	1923.007	1278.507	60.09124	46.73775	60.11596	60.84524	73.21393	0	26.78607	13.59845	13.18762	30.51973	2
1921.62	1923.012	1278.512	59.10238	74.01035	59.01586	59.02822	68.38587	0	31.61413	20.15141	11.46272	31.00142	2
1921.625	1923.017	1278.517	62.79824	70.2365	63.00837	58.95405	63.59986	0	36.40014	10.39297	26.00717	31.87454	2
1921.63	1923.022	1278.522	59.4732	36.66904	58.92933	57.01342	80.62575	0	19.37425	18.67983	0.694414	31.49674	2
1921.635	1923.027	1278.527	60.7958	47.28779	60.33845	59.83166	76.16866	0	23.83134	7.655339	16.176	31.08025	2
1921.64	1923.032	1278.532	61.58689	56.69951	61.35203	61.21607	71.4389	0	28.5611	12.08357	16.47753	30.93326	2
1921.645	1923.037	1278.537	64.55346	116.852	63.65113	61.78466	59.32571	1.943098	38.73119	27.48676	11.24444	29.96917	2
1921.65	1923.042	1278.542	72.316	219.9531	69.49776	64.91192	42.08203	6.896774	51.0212	29.9286	21.0926	26.84135	2
1921.655	1923.047	1278.547	79.44814	227.1494	84.56549	81.01796	0	28.02891	71.97109	71.97109	0	-9999	2
1921.66	1923.052	1278.552	76.96364	114.1171	76.46921	69.5472	45.40894	4.374158	50.2169	19.78989	30.42701	30.18577	2
1921.665	1923.057	1278.557	69.73261	102.7803	67.50768	64.28153	68.21639	0	31.78361	12.13764	19.64597	32.32467	2
1921.67	1923.062	1278.562	71.53728	208.3871	69.75733	58.84281	37.5506	7.633563	54.81584	24.34703	30.46881	28.08109	2
1921.675	1923.067	1278.567	82.89679	261.2669	83.65079	79.69536	0	19.5604	80.4396	80.4396	0	-9999	2
1921.68	1923.072	1278.572	92.06845	216.0112	94.68893	86.87694	0	31.58854	68.41146	68.41146	0	-9999	2
1921.685	1923.077	1278.577	91.88304	104.7971	93.55174	93.86076	17.1743	19.04052	63.78518	51.95342	11.83177	29.04267	2
1921.69	1923.082	1278.582	85.96225	25.37803	86.22182	84.5284	52.76154	3.56959	43.66887	20.91021	22.75866	32.07067	2
1921.695	1923.087	1278.587	86.37015	191.443	90.78293	90.89418	0	31.0963	68.9037	68.9037	0	-9999	2
1921.7	1923.092	1278.592	93.37869	92.78796	94.18214	93.14383	25.4102	15.2771	59.3127	40.17749	19.1352	29.15411	2
1921.705	1923.097	1278.597	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1922	1923.391	1278.891	92.01901	152.9099	92.41455	92.85954	15.27285	16.29594	68.43121	51.13795	17.29326	28.83534	-9999
1922.005	1923.396	1278.896	83.21817	103.2386	82.50124	82.16751	44.01169	4.719511	51.2688	32.54766	18.72114	29.43498	-9999
1922.01	1923.401	1278.901	81.58655	106.8597	80.32576	76.38268	48.85148	3.109034	48.03948	31.64618	16.3933	30.41887	-9999
1922.015	1923.406	1278.906	80.06618	141.3897	79.62119	79.25037	35.57145	7.120357	57.3082	31.08432	26.22388	28.12586	-9999
1922.02	1923.411	1278.911	80.93143	113.0629	79.48523	76.4074	49.38996	2.94725	47.66279	26.12563	21.53717	30.15882	-9999
1922.025	1923.416	1278.916	75.76465	101.7413	74.80051	74.17011	53.14719	2.3486	44.50421	24.09785	20.40636	30.01873	-9999
1922.03	1923.421	1278.921	72.5385	113.7504	71.6856	71.77213	52.34688	2.824096	44.82902	30.0662	14.76282	29.29706	-9999

1922.035	1923.426	1278.926	76.07366	105.4082	75.50507	75.19605	48.91004	3.434275	47.65569	18.65437	29.00132	29.40763	-9999
1922.04	1923.431	1278.931	74.55329	101.0996	73.2307	69.8315	57.195	1.454548	41.35045	29.322	12.02845	31.03416	-9999
1922.045	1923.436	1278.936	74.81287	69.77813	74.17011	74.40497	59.26723	0.626244	40.10653	22.18944	17.91709	31.40249	-9999
1922.05	1923.441	1278.941	77.91541	119.4494	76.976	75.31966	46.69153	3.992341	49.31613	16.08479	33.23133	29.27508	-9999
1922.055	1923.446	1278.946	77.07488	108.8154	76.50629	75.17133	47.16438	3.885986	48.94963	28.56667	20.38296	29.41885	-9999
1922.06	1923.451	1278.951	73.2925	208.7538	70.5855	59.57209	43.03173	6.316953	50.65132	34.30188	16.34944	28.42353	-9999
1922.065	1923.456	1278.956	71.07993	184.5675	67.70545	64.77596	56.09334	3.740839	40.16582	29.93448	10.23134	28.54496	-9999
1922.07	1923.461	1278.961	65.14678	65.95844	63.93543	62.61283	73.491	0	26.509	17.77867	8.730329	31.62744	-9999
1922.075	1923.466	1278.966	64.35569	83.10122	62.93421	62.5263	71.69877	0	28.30123	11.35787	16.94336	31.71479	-9999
1922.08	1923.471	1278.971	69.10221	98.05913	67.33463	67.1245	66.39444	0.023184	33.58238	9.010414	24.57197	31.76069	-9999
1922.085	1923.476	1278.976	71.6856	270.8926	67.22338	61.78466	43.07548	8.066814	48.8577	24.17195	24.68576	25.75163	-9999
1922.09	1923.48	1278.98	70.53606	155.1101	68.9786	65.8019	49.64045	4.280397	46.07915	15.11968	30.95947	28.49648	-9999
1922.095	1923.485	1278.985	67.74253	91.93235	66.19744	64.40513	67.4037	0	32.5963	7.7975	24.7988	32.02514	-9999
1922.1	1923.49	1278.99	69.62136	86.09586	69.37415	68.18752	57.02906	1.409339	41.5616	22.72703	18.83457	30.60166	-9999
1922.105	1923.495	1278.995	70.89452	114.8811	68.84264	67.06269	62.87791	0.879565	36.24253	16.85062	19.3919	31.09639	-9999
1922.11	1923.5	1279	73.25542	146.3248	71.71033	69.49776	49.16888	3.971535	46.85958	25.72051	21.13907	28.68995	-9999
1922.115	1923.505	1279.005	76.37032	137.2645	74.60274	69.27526	50.22009	3.284886	46.49503	18.81793	27.6771	29.82191	-9999
1922.12	1923.51	1279.01	71.42603	97.55493	69.46067	67.19866	65.91127	0	34.08873	12.24814	21.84059	32.05707	-9999
1922.125	1923.515	1279.015	73.61388	89.94611	72.85987	70.73383	56.35181	1.564073	42.08412	20.60529	21.47883	30.84963	2
1922.13	1923.52	1279.02	72.72391	93.85747	73.05765	72.19239	47.79402	3.551113	48.65487	23.70044	24.95443	29.45278	2
1922.135	1923.525	1279.025	73.31722	126.936	73.89818	69.05277	37.32725	6.394781	56.27797	36.23588	20.04209	28.91531	2
1922.14	1923.53	1279.03	67.65601	42.41386	67.75489	67.75489	66.72595	0	33.27405	25.02172	8.252322	31.08823	2
1922.145	1923.535	1279.035	73.77457	86.7834	74.19483	74.66454	47.86876	3.516795	48.61444	21.05537	27.55907	29.42333	2
1922.15	1923.54	1279.04	82.00682	79.8774	82.30347	81.07976	42.9243	5.583783	51.49191	33.81404	17.67787	29.8309	2
1922.155	1923.545	1279.045	75.96242	141.4356	76.53101	73.28014	31.48057	8.171358	60.34807	32.54114	27.80693	28.42677	2
1922.16	1923.55	1279.05	72.84751	38.82335	72.6003	71.46311	65.50095	0	34.49905	23.82301	10.67604	31.8025	2
1922.165	1923.555	1279.055	73.71276	34.39251	73.55208	73.9229	65.10661	0	34.89339	22.392	12.50139	31.65346	2
1922.17	1923.56	1279.06	72.62502	82.06226	73.21834	76.18491	48.72772	3.189656	48.08262	32.04629	16.03634	29.08754	2
1922.175	1923.565	1279.065	61.04302	51.61168	59.37432	58.73156	84.28282	0	15.71718	3.243166	12.47402	32.28415	2
1922.18	1923.57	1279.07	62.19256	45.31683	63.37919	65.88842	62.61979	0	37.38021	6.669307	30.71091	30.06998	2
1922.185	1923.575	1279.075	64.38041	16.47051	64.65235	65.18386	74.67665	0	25.32335	16.81299	8.510359	30.37555	2
1922.19	1923.58	1279.08	69.36179	60.27474	71.19118	71.67324	47.42291	2.802102	49.77499	16.94662	32.82836	29.76911	2
1922.195	1923.585	1279.085	59.68333	84.01794	59.96763	58.54615	62.55569	0.34298	37.10133	9.610853	27.49048	30.93325	2
1922.2	1923.59	1279.09	63.24323	41.74159	65.06025	66.44465	57.6328	0	42.3672	24.32097	18.04623	30.60759	2
1922.205	1923.595	1279.095	71.64852	45.39322	72.77335	71.77213	54.38079	1.361081	44.25812	26.1903	18.06782	31.24038	2
1922.21	1923.6	1279.1	71.9699	41.14572	71.53728	70.78327	67.18327	0	32.81673	17.67475	15.14198	31.52782	2
1922.215	1923.605	1279.105	73.68804	45.75991	74.54093	74.31844	54.5232	1.539622	43.93718	22.49489	21.44229	31.2012	2
1922.22	1923.61	1279.11	71.93282	117.7382	72.72391	68.2864	39.19824	5.74834	55.05342	22.65755	32.39587	29.02016	2
1922.225	1923.615	1279.115	58.31129	107.0889	55.4436	53.34228	82.66269	0	17.33731	4.865736	12.47157	34.0654	2
1922.23	1923.62	1279.12	63.7871	36.83711	63.28031	62.51394	76.32891	0	23.67109	9.845965	13.82512	31.06952	2
1922.235	1923.625	1279.125	67.33463	46.00437	67.58184	66.72895	65.00317	0	34.99683	16.02368	18.97315	31.31421	2
1922.24	1923.63	1279.13	64.60291	117.9979	64.59055	62.84768	52.10562	3.035086	44.85929	16.09148	28.76781	28.97128	2
1922.245	1923.635	1279.135	58.20005	21.31388	57.75506	56.79092	84.74664	0	15.25336	15.25336	0	31.42671	2
1922.25	1923.64	1279.14	66.24688	33.49106	65.97495	65.13442	73.05554	0	26.94446	10.08491	16.85955	31.00497	2
1922.255	1923.645	1279.145	70.27648	42.15412	70.26412	69.94274	65.24014	0	34.75986	23.37201	11.38785	31.46606	2
1922.26	1923.65	1279.15	78.19971	58.7927	77.59403	75.45563	58.52242	0.689689	40.78789	13.31877	27.46912	32.15561	2
1922.265	1923.655	1279.155	64.1332	113.6435	60.86996	59.33723	78.78579	0	21.21421	15.94591	5.268297	33.22251	2
1922.27	1923.66	1279.16	71.99462	39.57201	71.84629	70.83271	65.33807	0	34.66193	17.55108	17.11085	31.72858	2
1922.275	1923.665	1279.165	61.90827	57.44817	59.99235	58.65739	83.99027	0	16.00973	6.046026	9.963707	32.52193	2
1922.28	1923.67	1279.17	65.31983	49.02957	65.25802	63.94779	68.51958	0	31.48042	7.13871	24.34171	31.18442	2
1922.285	1923.675	1279.175	71.99462	43.62088	72.00698	71.9699	63.1129	0	36.8871	19.88757	16.99953	31.76159	2
1922.29	1923.68	1279.18	75.19605	35.67592	75.023	74.92412	63.5272	0	36.4728	13.74678	22.72603	32.04875	2
1922.295	1923.685	1279.185	75.98714	53.21595	76.16019	76.08603	55.87243	1.398488	42.72908	14.59034	28.13873	31.32673	2
1922.3	1923.69	1279.19	67.60656	93.87275	66.41993	63.65113	64.28114	0.367125	35.35173	16.8981	18.45363	31.79477	2
1922.305	1923.695	1279.195	66.01203	33.01742	65.65357	65.71537	74.05679	0	25.94321	6.184381	19.75883	30.84943	2
1922.31	1923.7	1279.2	74.91176	53.6132	75.51743	76.35796	53.4128	1.97853	44.60867	25.53856	19.0701	30.7435	2
1922.315	1923.705	1279.205	69.08985	37.81495	69.17638	69.57192	66.61555	0	33.38445	14.60823	18.77622	31.11761	2
1922.32	1923.71	1279.21	74.54093	39.7248	74.269	75.33202	63.91644	0	36.08356	22.45494	13.62861	31.68875	2
1922.325	1923.715	1279.215	77.0378	72.55887	75.97478	75.28258	59.8044	0.404449	39.79115	25.20096	14.59019	31.7584	2
1922.33	1923.72	1279.22	80.21451	96.53126	80.57297	80.53589	40.06401	6.164857	53.77113	18.54018	35.23095	29.05506	2
1922.335	1923.725	1279.225	66.56826	93.61301	65.85134	63.53988	61.659	0.820306	37.52069	25.3515	12.16919	31.16087	2
1922.34	1923.73	1279.23	61.4262	73.67422	61.54981	61.93299	64.70078	0	35.29922	22.11315	13.18607	30.99744	2
1922.345	1923.735	1279.235	65.03553	70.49623	64.08376	61.15426	70.48349	0	29.51651	20.38748	9.12903	31.88495	2
1922.35	1923.74	1279.24	66.2716	51.79502	65.5176	65.13442	72.33926	0	27.66074	23.00819	4.652543	31.18241	2
1922.355	1923.745	1279.245	74.05887	47.91422	74.12067	73.20597	59.79163	0.298582	39.90979	28.51422	11.39557	32.12848	2
1922.36	1923.75	1279.25	71.562	194.9418	69.02805	64.92428	46.62516	5.615382	47.75946	24.26796	23.4915	27.54394	2
1922.365	1923.755	1279.255	64.56582	81.22193	63.71293	63.0949	67.55364	0	32.44636	19.49751	12.94885	31.59033	2
1922.37	1923.76	1279.26	63.28031	62.42905	62.69935	60.69691	71.17668	0	28.82332	9.844794	18.97852	31.50026	2
1922.375	1923.765	1279.265	69.42359	31.41315	69.21346	68.9786	70.15684	0	29.84316	16.78047	13.06269	31.09032	2
1922.38	1923.77	1279.27	78.49637	128.8764	78.55817	76.81531	36.11627	7.021599	56.86213	38.54571	18.31642	28.53713	2
1922.385	1923.774	1279.274	72.47669	49.80878	72.74863	73.49027	59.16021	0.405805	40.43398	13.50613	26.92785	31.58412	2
1922.39	1923.779	1279.279	71.77213	78.22729	71.58672	70.83271	56.47557	1.388231	42.1362	25.75674	16.37946	30.75635	2
1922.395	1923.784	1279.284	64.97373	39.15948	64.86248	64.52874	71.60974	0	28.39026	18.04493	10.34534	30.86179	2

1922.4	1923.789	1279.289	68.86736	27.57818	68.54598	67.40879	72.4588	0	27.5412	17.89413	9.647066	31.15936	2
1922.405	1923.794	1279.294	76.58045	90.0225	76.35796	75.7152	49.48486	3.223312	47.29183	25.99307	21.29876	29.87567	2
1922.41	1923.799	1279.299	64.8254	58.99132	63.66349	61.78466	75.08953	0	24.91047	11.68137	13.2291	31.67771	2
1922.415	1923.804	1279.304	67.71781	27.54762	67.85378	67.33463	69.97934	0	30.02066	14.9459	15.07476	30.96421	2
1922.42	1923.809	1279.309	71.11701	39.26643	71.58672	72.41489	61.42964	0	38.57036	20.08916	18.4812	31.69147	2
1922.425	1923.814	1279.314	75.04772	45.28627	75.12189	75.98714	59.42204	0.402151	40.17581	28.7989	11.37691	31.84613	2
1922.43	1923.819	1279.319	75.56687	121.4815	75.80173	75.62868	39.25984	6.011037	54.72912	27.91758	26.81155	28.33682	2
1922.435	1923.824	1279.324	71.29006	42.26107	71.54964	71.04285	62.17426	0	37.82574	10.8013	27.02444	31.87585	2
1922.44	1923.829	1279.329	74.23192	49.44209	73.83637	73.81165	62.80711	0	37.19289	14.93569	22.2572	31.93466	2
1922.445	1923.834	1279.334	80.20215	62.2457	80.15271	79.31218	51.53375	2.805215	45.66104	27.45202	18.20902	30.89346	2
1922.45	1923.839	1279.339	85.20824	102.5511	85.02283	78.95371	38.22799	6.964497	54.80752	24.809	29.99851	30.19162	2
1922.455	1923.844	1279.344	75.9995	138.3798	73.16889	69.15165	58.52976	1.378652	40.09159	14.63394	25.45765	30.65975	2
1922.46	1923.849	1279.349	65.18386	68.31137	63.28031	61.15426	78.25203	0	21.74797	19.77701	1.970956	32.15639	2
1922.465	1923.854	1279.354	63.89834	33.23132	63.89834	63.62641	73.17154	0	26.82846	22.4665	4.361952	30.71176	2
1922.47	1923.859	1279.359	68.59542	40.6568	68.18752	67.38407	70.21452	0	29.78548	8.995491	20.78999	31.212	2
1922.475	1923.864	1279.364	76.33324	35.99678	76.55573	76.64226	59.33788	0.441725	40.2204	13.28102	26.93938	32.23571	2
1922.48	1923.869	1279.369	86.18474	48.31146	86.5432	86.80278	46.24059	5.570734	48.18868	19.1048	29.08387	30.50218	2
1922.485	1923.874	1279.374	89.62103	90.17529	89.99185	90.48628	32.85237	10.38021	56.76743	37.04375	19.72367	29.02897	2
1922.49	1923.879	1279.379	99.37364	206.5995	98.13757	100.1524	8.158737	15.57996	76.26131	66.22953	10.03178	29.20633	2
1922.495	1923.884	1279.384	98.13757	266.0797	96.92622	89.83116	0	19.16178	80.83822	80.83822	0	-9999	2
1922.5	1923.889	1279.389	77.74236	53.15483	78.96608	79.7448	46.12979	4.362788	49.50743	26.69612	22.81131	30.05318	2
1922.505	1923.894	1279.394	81.30225	60.77894	81.15393	81.68544	51.64297	2.816437	45.54059	29.86515	15.67544	30.73676	2
1922.51	1923.899	1279.399	81.01796	59.93861	80.98087	80.01674	51.24572	2.956944	45.79733	31.92962	13.86771	30.95973	2
1922.515	1923.904	1279.404	72.8846	71.74909	73.58916	73.49027	50.12254	2.769103	47.10836	23.01326	24.0951	30.0324	2
1922.52	1923.909	1279.409	70.82035	28.02126	70.57314	69.72025	69.98004	0	30.01996	9.855839	20.16412	31.29449	2
1922.525	1923.914	1279.414	72.45197	51.21443	71.20354	70.77091	70.62566	0	29.37434	16.89046	12.48388	31.27271	2
1922.53	1923.919	1279.419	75.13425	35.49258	74.81287	74.66454	64.77797	0	35.22203	13.1143	22.10772	31.87663	2
1922.535	1923.924	1279.424	74.87467	64.27778	74.68926	74.39261	56.99701	1.135969	41.86702	16.08159	25.78543	31.24567	2
1922.54	1923.929	1279.429	80.90671	48.08228	81.38878	82.22931	50.19388	3.494935	46.31118	28.87237	17.43882	30.69101	2
1922.545	1923.934	1279.434	82.36528	65.07227	83.06984	83.55191	43.0161	5.912332	51.07157	35.76223	15.30934	29.77445	2
1922.55	1923.939	1279.439	82.11806	118.5174	82.55069	83.62607	32.41732	8.623457	58.95922	34.21119	24.74803	28.3066	2
1922.555	1923.944	1279.444	82.53833	77.12722	84.62729	86.92639	29.21048	11.0334	59.75611	41.52503	18.23108	28.73183	2
1922.56	1923.949	1279.449	88.53328	34.01054	88.7805	89.29965	48.40292	5.456344	46.14074	17.03997	29.10077	30.97425	2
1922.565	1923.954	1279.454	75.55451	97.02018	74.25664	72.36545	57.06951	1.360675	41.56982	28.97723	12.59258	30.89546	2
1922.57	1923.959	1279.459	68.94152	31.68816	69.23818	69.72025	66.60617	0	33.39383	19.84421	13.54962	31.04374	2
1922.575	1923.964	1279.464	67.5942	61.51232	66.87728	64.33097	68.4835	0	31.5165	17.69713	13.81937	31.73473	2
1922.58	1923.969	1279.469	83.0204	43.31531	82.46416	81.36406	57.44974	1.071772	41.47849	25.82462	15.65387	32.34462	2
1922.585	1923.974	1279.474	75.3073	81.3136	75.48035	75.45563	49.69825	3.101025	47.20072	33.02084	14.17988	29.89203	2
1922.59	1923.979	1279.479	74.39261	36.85239	74.51621	74.36788	61.68257	0	38.31743	8.740553	29.57688	32.24463	2
1922.595	1923.984	1279.484	78.81775	57.63151	79.93021	80.3752	44.91924	4.871102	50.20966	21.77266	28.437	29.957	2
1922.6	1923.989	1279.489	74.36788	45.08764	75.66576	76.53101	50.61179	2.60526	46.78295	24.95243	21.83052	30.54186	2
1922.605	1923.994	1279.494	68.65723	29.76304	68.21224	67.30991	73.08134	0	26.91866	22.55804	4.360624	31.1224	2
1922.61	1923.999	1279.499	74.8994	23.40707	75.18369	75.15897	63.22474	0	36.77526	16.95376	19.8215	32.20025	2
1922.615	1924.004	1279.504	76.58045	58.5024	77.51987	78.2986	48.10793	3.59463	48.29744	24.00017	24.29727	30.0994	2
1922.62	1924.009	1279.509	72.36545	54.85078	73.0082	73.56444	55.16853	1.367262	43.46421	24.47266	18.99155	30.88253	2
1922.625	1924.014	1279.514	72.9464	66.46264	73.21834	72.01934	54.69785	1.649796	43.65236	20.07209	23.58027	30.91523	2
1922.63	1924.019	1279.519	83.10692	25.68361	82.90915	83.31705	58.85893	0.938005	40.20306	28.08998	12.11308	32.61919	2
1922.635	1924.024	1279.524	86.87694	68.08219	86.86458	85.97461	43.69312	5.946265	50.36062	29.44064	20.91997	30.20452	2
1922.64	1924.029	1279.529	96.48123	47.44057	96.59248	96.23402	38.89449	11.02487	50.08064	23.24655	26.83409	30.00046	2
1922.645	1924.034	1279.534	99.2624	30.9395	99.64558	99.34892	38.22157	14.07926	47.69917	34.59437	13.1048	29.88045	2
1922.65	1924.039	1279.539	98.22409	53.8271	98.24882	96.72845	36.41608	12.35548	51.22844	33.05755	18.17089	29.95259	2
1922.655	1924.044	1279.544	99.80627	91.65733	100.0164	100.2883	24.36863	17.54386	58.0875	29.63991	28.4476	28.83571	2
1922.66	1924.049	1279.549	105.1955	140.4272	105.7765	105.2697	4.734328	30.16314	65.10254	65.10254	0	-9999	2
1922.665	1924.054	1279.554	83.26761	103.1164	83.05748	81.37642	40.06816	6.186731	53.74511	23.01947	30.72564	29.38628	2
1922.67	1924.059	1279.559	70.88216	52.91037	70.00455	68.43473	68.7856	0	31.2144	18.76871	12.44569	31.56671	2
1922.675	1924.064	1279.564	73.87345	82.99427	73.13181	68.41001	57.69955	1.162417	41.13803	24.74923	16.3888	31.70253	2
1922.68	1924.068	1279.568	80.23923	51.70335	80.80782	81.05504	49.2611	3.693873	47.04503	24.01946	23.02557	30.59527	2
1922.685	1924.073	1279.573	81.79668	36.1954	81.43822	80.85727	58.76584	0.756243	40.47792	28.53331	11.94461	32.53937	2
1922.69	1924.078	1279.578	74.269	66.08067	73.99706	74.56566	57.7885	0.953603	41.25789	16.81589	24.44201	31.13509	2
1922.695	1924.083	1279.583	72.6003	149.4875	70.09107	65.18386	56.47828	2.609281	40.91244	14.23085	26.68159	29.93835	2
1922.7	1924.088	1279.588	84.09578	310.8313	78.73122	73.78693	28.98604	6.684202	64.32976	32.74503	31.58473	26.22217	2
1922.705	1924.093	1279.593	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1923.01	1924.397	1279.897	98.94102	70.7407	98.48367	96.51831	35.39946	11.0263	53.57424	37.64229	15.93195	29.96556	2
1923.015	1924.402	1279.902	97.18579	89.16689	97.04983	97.08691	30.06444	12.94661	56.98896	40.91764	16.07131	29.13288	2
1923.02	1924.407	1279.907	79.18857	45.57656	79.69536	81.0056	52.18937	2.707685	45.10295	32.05094	13.05201	30.83646	2
1923.025	1924.412	1279.912	79.34926	51.68807	79.21329	78.84247	55.54392	1.607962	42.84812	28.62599	14.22213	31.53295	2
1923.03	1924.417	1279.917	83.0822	76.69941	82.39	80.16507	50.36768	2.958924	46.6734	27.40109	19.27231	30.90003	2
1923.035	1924.422	1279.922	87.71747	84.96523	87.22304	85.60379	42.57017	5.732574	51.69726	33.94573	17.75153	30.05112	2
1923.04	1924.427	1279.927	90.11546	126.8291	92.35275	95.41821	9.062135	21.44414	69.49372	49.144	20.34973	29.11189	2
1923.045	1924.432	1279.932	81.19101	118.6855	80.14035	78.31096	44.72502	4.358514	50.91646	27.81724	23.09923	29.36446	2
1923.05	1924.437	1279.937	79.52231	114.8658	81.98209	88.19954	19.97862	12.66185	67.35953	46.38963	20.9699	27.79787	2
1923.055	1924.442	1279.942	83.00803	73.44504	83.70024	84.92395	40.49435	6.751131	52.75452	34.37432	18.38019	29.33164	2
1923.06	1924.447	1279.947	80.7213	56.54672	80.99324	79.59647	49.94459	3.433828	46.62158	20.10898	26.5126	30.91324	2

1923.065	1924.452	1279.952	76.56809	50.28242	77.12433	75.9377	53.0782	2.195368	44.72643	26.1244	18.60203	31.21158	2
1923.07	1924.457	1279.957	72.5385	39.83175	71.63616	69.53484	70.61839	0	29.38161	13.37607	16.00554	31.57481	2
1923.075	1924.462	1279.962	79.3987	144.9038	78.73122	75.31966	37.05943	6.648291	56.29228	31.39847	24.89381	28.60939	2
1923.08	1924.467	1279.967	95.20808	133.0933	96.22166	93.44049	12.34474	20.8062	66.84907	47.28153	19.56753	29.69848	2
1923.085	1924.472	1279.972	103.7493	86.64589	104.1078	102.9583	20.80423	22.66032	56.53546	29.27374	27.26171	28.81542	2
1923.09	1924.477	1279.977	97.74203	88.83076	98.16229	98.80505	25.32324	16.75379	57.92297	31.83144	26.09152	28.80529	2
1923.095	1924.482	1279.982	91.47514	103.422	92.57524	94.72601	22.28894	15.8341	61.87695	40.34086	21.5361	28.52484	2
1923.1	1924.487	1279.987	85.07228	84.69021	84.44188	82.11806	46.12405	4.296304	49.57964	24.05546	25.52418	30.40122	2
1923.105	1924.492	1279.992	80.7213	38.86919	80.88199	81.42586	55.08472	1.948423	42.96686	20.84258	22.12428	31.59244	2
1923.11	1924.497	1279.997	78.85483	46.73775	79.55939	81.68544	50.68267	3.142217	46.17511	22.88132	23.2938	30.45349	2
1923.115	1924.502	1280.002	85.17116	76.45495	83.68787	84.13286	54.63591	1.147258	44.21683	12.54634	31.67049	31.1843	2
1923.12	1924.507	1280.007	82.68666	46.20299	82.89679	85.70267	51.11863	3.342838	45.53854	17.56853	27.97	30.54925	2
1923.125	1924.512	1280.012	78.33568	44.59872	78.13791	77.65584	58.67102	0.68572	40.64326	22.26372	18.37954	32.15387	2
1923.13	1924.517	1280.017	89.01535	63.22354	89.5963	90.52336	38.30338	9.040673	52.65594	34.15261	18.50333	29.50864	2
1923.135	1924.522	1280.022	97.61842	59.49552	97.74203	97.74203	34.83518	12.8395	52.32531	27.65204	24.67328	29.50693	2
1923.14	1924.527	1280.027	104.0707	57.38705	104.7382	104.4168	25.1943	23.73459	51.07111	26.89838	24.17272	28.54814	2
1923.145	1924.532	1280.032	103.6505	59.38857	104.0707	103.2055	27.01249	21.21333	51.77417	24.80583	26.96834	28.85624	2
1923.15	1924.537	1280.037	106.5429	79.6635	107.6183	109.0768	14.36777	32.92974	52.70249	33.94855	18.75394	27.74032	2
1923.155	1924.542	1280.042	106.8148	83.88044	105.8754	104.7135	28.71179	14.3298	56.95841	39.19754	17.76087	29.45023	2
1923.16	1924.547	1280.047	107.6677	98.21192	106.8519	108.5206	23.50095	17.20577	59.29328	32.18595	27.10732	28.65417	2
1923.165	1924.552	1280.052	87.50734	124.2928	86.74098	86.44432	35.35373	7.342446	57.30383	31.82675	25.47708	28.79979	2
1923.17	1924.557	1280.057	78.39748	59.78582	79.31218	79.49759	46.31727	4.34852	49.33421	26.48677	22.84744	30.07232	2
1923.175	1924.562	1280.062	76.43213	49.21291	77.17377	78.19971	52.02518	2.478648	45.49617	32.91635	12.57983	30.67863	2
1923.18	1924.567	1280.067	77.58167	61.68039	77.81653	79.21329	51.87809	2.590368	45.53154	20.16962	25.36193	30.39787	2
1923.185	1924.572	1280.072	80.41228	57.63151	81.61127	84.23175	42.7817	5.850963	51.36734	32.56915	18.79819	29.4221	2
1923.19	1924.577	1280.077	83.58899	59.86221	85.02283	86.85222	37.49918	8.468404	54.03242	27.07622	26.9562	29.25624	2
1923.195	1924.582	1280.082	78.66942	52.37562	79.29982	79.34926	50.06366	3.269268	46.66707	23.29677	23.37031	30.64804	2
1923.2	1924.587	1280.087	77.0378	81.02331	77.6064	77.75472	45.11098	4.459473	50.42955	27.89017	22.53938	29.50967	2
1923.205	1924.592	1280.092	77.09961	84.30824	78.65706	78.78066	36.59551	6.963687	56.4408	26.66944	29.77135	28.99328	2
1923.21	1924.597	1280.097	80.69658	126.1873	82.48888	85.66559	21.33144	12.28027	66.38829	47.18511	19.20318	28.07983	2
1923.215	1924.602	1280.102	82.46416	75.04931	83.0204	83.50246	41.66023	6.199043	52.14072	32.12509	20.01563	29.50612	2
1923.22	1924.607	1280.107	84.03398	73.52143	84.77562	84.89923	39.14882	7.428909	53.42228	31.51162	21.91066	29.47463	2
1923.225	1924.612	1280.112	77.27266	62.97908	77.84125	78.31096	49.26162	3.324058	47.41432	32.0575	15.35682	30.21507	2
1923.23	1924.617	1280.117	83.06984	56.94397	83.27997	81.83377	48.16678	4.22694	47.60628	27.96836	19.63792	30.79876	2
1923.235	1924.622	1280.122	89.20076	139.6327	88.87938	91.47514	26.63488	10.71143	62.65369	41.24215	21.41154	28.01806	2
1923.24	1924.627	1280.127	75.5916	99.29671	74.05887	72.90932	58.30459	1.079683	40.61573	19.05454	21.56119	30.90448	2
1923.245	1924.632	1280.132	91.12904	53.17011	91.21556	92.97078	42.62355	7.587949	49.7885	27.51758	22.27093	29.89793	2
1923.25	1924.637	1280.137	96.69136	86.0653	96.76553	95.96208	29.64137	13.58407	56.77456	39.36341	17.41115	29.25645	2
1923.255	1924.642	1280.142	77.69292	99.75508	77.12433	75.48035	48.78839	3.41693	47.79468	24.35243	23.44226	29.84881	2
1923.26	1924.647	1280.147	78.00194	103.9109	79.08968	82.48888	34.66176	7.57676	57.76148	24.52758	33.2339	28.00601	2
1923.265	1924.651	1280.151	86.34543	66.56959	85.7274	85.851	49.24214	3.546866	47.21099	27.63414	19.57685	30.65949	2
1923.27	1924.656	1280.156	88.81758	99.87731	87.87816	85.80156	41.39799	5.51931	53.0827	29.36148	23.72122	29.90715	2
1923.275	1924.661	1280.161	71.19118	76.65358	69.51012	67.26046	68.98216	0	31.01784	7.070471	23.94737	31.79467	2
1923.28	1924.666	1280.166	70.67202	58.22738	71.26534	67.40879	56.29252	1.05512	42.65236	23.06597	19.58639	31.68792	2
1923.285	1924.671	1280.171	68.03919	59.12883	68.64486	65.12206	58.40078	0.501405	41.09781	26.64083	14.45698	31.77732	2
1923.29	1924.676	1280.176	77.86597	115.263	79.55939	75.08481	27.34565	9.747539	62.90681	39.49889	23.40793	29.32104	2
1923.295	1924.681	1280.181	90.58516	105.2707	91.2032	90.69641	26.39635	13.08439	60.51926	37.97228	22.54698	28.95803	2
1923.3	1924.686	1280.186	88.37259	99.51061	88.94119	86.8275	30.20905	11.03762	58.75333	32.26443	26.48891	29.30803	2
1923.305	1924.691	1280.191	91.11667	76.94387	90.98071	88.00177	38.60599	8.214378	53.17963	32.22516	20.95446	30.17892	2
1923.31	1924.696	1280.196	99.84335	64.00276	99.12643	98.81741	38.2116	9.525459	52.26294	19.50152	32.76142	29.99917	2
1923.315	1924.701	1280.201	95.34404	90.22112	94.76309	93.44049	34.95236	9.345358	55.70228	21.0564	34.64588	29.65619	2
1923.32	1924.706	1280.206	98.70616	78.83844	98.94102	98.40951	28.29131	15.80223	55.90646	27.09367	28.81279	29.13128	2
1923.325	1924.711	1280.211	92.43927	124.5831	91.8336	90.28851	29.50075	10.03121	60.46803	38.12432	22.34371	29.09171	2
1923.33	1924.716	1280.216	89.5345	140.091	88.36023	84.77562	32.82682	7.581843	59.59134	35.66685	23.92449	29.24677	5
1923.335	1924.721	1280.221	84.4666	90.03778	83.60135	82.55069	47.20728	3.752161	49.04056	31.63805	17.40251	30.16607	5
1923.34	1924.726	1280.226	84.57785	103.0706	86.04877	89.38617	25.84562	12.14051	62.01388	29.58866	32.42521	28.22642	5
1923.345	1924.731	1280.231	86.51848	124.7053	88.53328	90.56044	14.60962	17.00429	68.38609	55.45486	12.93123	28.85114	5
1923.35	1924.736	1280.236	84.34299	138.2576	85.96225	86.04877	16.39688	14.8607	68.74242	49.06065	19.68177	28.88952	5
1923.355	1924.741	1280.241	84.44188	201.1908	80.36284	77.24793	45.23786	2.350902	52.41123	19.05687	33.35436	28.47595	5
1923.36	1924.746	1280.246	83.91037	155.3392	80.49881	78.79303	51.64997	1.027296	47.32273	17.79849	29.52424	29.6911	5
1923.365	1924.751	1280.251	83.60135	137.5547	83.7126	79.64592	28.93635	9.594843	61.46881	31.42797	30.04084	29.01059	5
1923.37	1924.756	1280.256	83.27997	154.6364	82.95859	77.37154	28.4511	9.34466	62.20424	29.00893	33.1953	29.01314	5
1923.375	1924.761	1280.261	82.41472	145.3011	81.10448	76.74114	39.16994	5.737437	55.09263	35.2136	19.87902	29.06495	5
1923.38	1924.766	1280.266	76.7535	184.0633	76.77823	73.46555	24.65186	10.1399	65.20823	46.07142	19.13681	27.85869	5
1923.385	1924.771	1280.271	84.51604	191.3513	81.66072	78.58289	38.06703	4.907049	57.02592	34.61779	22.40813	28.16826	5
1923.39	1924.776	1280.276	78.44692	186.7524	76.74114	72.06879	35.85456	6.977675	57.16777	31.77457	25.3932	27.92182	5
1923.395	1924.781	1280.281	79.50995	100.6718	78.24915	75.6534	52.25943	2.30712	45.43345	28.29059	17.14286	30.54249	5
1923.4	1924.786	1280.286	84.67673	236.5	79.84369	77.39626	42.3205	2.785472	54.89403	33.72168	21.17235	27.51291	5
1923.405	1924.791	1280.291	93.42813	326.5531	87.87816	86.4196	18.03252	3.309169	78.65831	47.36592	31.29238	27.50367	5
1923.41	1924.796	1280.296	83.47774	140.9619	81.99445	77.55695	40.58317	5.177828	54.239	24.79761	29.44138	29.31274	5
1923.415	1924.801	1280.301	90.04129	204.3382	87.03763	83.05748	30.99051	5.250298	63.7592	41.68126	22.07794	28.55437	5
1923.42	1924.806	1280.306	96.679	164.0329	96.81497	90.02893	10.30561	19.19561	70.49877	61.56264	8.936132	30.5378	5
1923.425	1924.811	1280.311	95.925	128.9834	95.78903	98.21173	21.58878	14.72222	63.689	47.87351	15.81549	28.39339	5

1923.43	1924.816	1280.316	89.4727	176.3017	89.78172	91.1414	12.62522	15.84993	71.52486	44.02294	27.50192	28.6341	5
1923.435	1924.821	1280.321	87.01291	120.5189	86.53084	83.81148	34.51857	7.898544	57.58288	24.76185	32.82103	29.23331	5
1923.44	1924.826	1280.326	82.48888	78.88428	82.76082	82.92151	42.91273	5.645435	51.44184	28.67606	22.76578	29.59919	5
1923.445	1924.831	1280.331	76.7535	137.3867	75.20841	69.43595	48.11366	3.768563	48.11778	25.96561	22.15217	29.70228	5
1923.45	1924.836	1280.336	69.8315	93.24632	68.39765	64.97373	64.30171	0.214809	35.48348	16.45398	19.0295	32.09346	2
1923.455	1924.841	1280.341	70.68439	68.40304	70.36301	70.18996	60.90752	0.296471	38.79601	9.945019	28.85099	31.51221	2
1923.46	1924.846	1280.346	72.15531	136.6991	70.84508	68.59542	50.69026	3.579909	45.72983	25.58279	20.14703	28.97579	2
1923.465	1924.851	1280.351	70.54842	88.44879	71.16645	73.2307	48.90107	3.103298	47.99564	19.64531	28.35033	29.00721	2
1923.47	1924.856	1280.356	69.76969	157.2032	69.91802	62.13076	36.61915	6.828754	56.55209	25.59658	30.95552	28.55646	2
1923.475	1924.861	1280.361	66.77839	88.20433	66.69187	67.48296	57.889	1.281099	40.8299	29.00896	11.82094	30.11787	2
1923.48	1924.866	1280.366	64.02195	68.28081	63.52752	58.60795	68.40767	0	31.59233	6.449333	25.14299	32.10252	2
1923.485	1924.871	1280.371	64.25681	81.71085	63.08254	60.74636	70.2103	0	29.7897	21.77586	8.013843	31.96487	2
1923.49	1924.876	1280.376	71.72269	154.942	72.55086	65.03553	30.10086	8.26294	61.6362	38.02436	23.61184	28.74285	2
1923.495	1924.881	1280.381	71.37659	87.33344	70.02927	68.5707	63.64058	0.101379	36.25804	8.800778	27.45727	31.85998	2
1923.5	1924.886	1280.386	71.69797	129.1056	69.81913	66.29633	57.35526	2.145382	40.49936	12.41583	28.08352	30.20572	2
1923.505	1924.891	1280.391	73.6386	75.30905	73.50263	71.17881	55.08145	1.682497	43.23605	28.72085	14.5152	31.01415	2
1923.51	1924.896	1280.396	75.52979	220.4421	75.72756	69.609	15.63288	12.60499	71.76213	50.22388	21.53826	28.40044	2
1923.515	1924.901	1280.401	86.46904	332.5729	86.92639	75.23313	0	25.25549	74.74451	74.74451	0	-9999	2
1923.52	1924.906	1280.406	74.6151	125.0873	73.07001	70.77091	53.05745	2.685357	44.25719	25.92332	18.33388	29.7108	2
1923.525	1924.911	1280.411	77.02544	67.63911	77.49515	76.7535	49.1277	3.332537	47.53977	20.51153	27.02823	30.31843	2
1923.53	1924.916	1280.416	84.02161	65.05699	83.32941	82.55069	52.32088	2.451111	45.22801	16.91708	28.31093	31.14552	2
1923.535	1924.921	1280.421	98.49603	191.1068	95.39349	89.99185	27.18051	3.535364	69.28412	43.7914	25.49272	29.95038	2
1923.54	1924.926	1280.426	88.96591	252.6497	86.58029	83.60135	15.4987	10.65906	73.84223	58.00311	15.83913	28.24598	2
1923.545	1924.931	1280.431	75.10953	94.17832	73.5768	72.45197	59.98674	0.677579	39.33568	25.39059	13.94508	31.25647	2
1923.55	1924.936	1280.436	79.36162	89.50302	79.81897	79.94257	41.78314	5.616095	52.60077	36.31677	16.28399	29.20796	2
1923.555	1924.941	1280.441	76.82767	51.82558	76.86475	78.05138	56.48937	1.261566	42.24907	29.9223	12.32677	31.2517	2
1923.56	1924.945	1280.445	76.51865	68.84613	76.02422	74.99828	56.77391	1.215582	42.01051	21.59068	20.41983	31.34043	2
1923.565	1924.95	1280.45	76.82767	58.24266	76.81531	76.16019	55.31962	1.588921	43.09146	22.61063	20.48083	31.2821	2
1923.57	1924.955	1280.455	77.77945	75.87436	77.61876	79.38634	51.32666	2.723583	45.94976	17.53807	28.41169	29.98775	2
1923.575	1924.96	1280.46	77.22321	73.3992	76.0613	73.36666	60.19683	0.289812	39.51336	12.33488	27.17847	32.18386	2
1923.58	1924.965	1280.465	75.51743	56.45505	75.09717	74.6769	60.11889	0.301296	39.57981	25.13611	14.4437	31.98851	2
1923.585	1924.97	1280.47	74.10831	44.27787	74.09595	75.20841	61.20091	0	38.79909	13.09988	25.69921	31.9767	2
1923.59	1924.975	1280.475	81.87085	79.72461	82.24167	81.73488	42.51159	5.725485	51.76292	28.75854	23.00438	29.65063	2
1923.595	1924.98	1280.48	88.29843	219.2503	89.32437	92.46399	0	20.88061	79.11939	79.11939	0	-9999	2
1923.6	1924.985	1280.485	85.12172	154.4836	82.99567	80.80782	40.77984	4.502897	54.71727	29.35238	25.36489	28.82416	2
1923.605	1924.99	1280.49	75.88825	88.18905	73.97234	72.81043	63.68939	0	36.31061	18.87216	17.43846	31.6645	2
1923.61	1924.995	1280.495	75.55451	63.13187	75.34438	75.43091	56.84046	1.175373	41.98417	22.2611	19.72307	31.20535	2
1923.615	1925	1280.5	76.4074	98.2272	77.09961	75.57924	40.56965	5.670959	53.75939	36.10106	17.65833	29.14628	2
1923.62	1925.005	1280.505	77.27266	65.24034	78.13791	79.21329	46.4153	4.149041	49.43566	20.17065	29.26501	29.76677	2
1923.625	1925.01	1280.51	73.93526	68.87669	74.18247	75.023	53.39549	2.028117	44.57639	23.65278	20.92361	30.35599	2
1923.63	1925.015	1280.515	78.68178	99.60229	77.29738	75.13425	54.23812	1.82103	43.94085	19.7597	24.18114	30.69308	2
1923.635	1925.02	1280.52	90.54808	297.1415	86.49376	78.45929	16.20851	7.760166	76.03133	48.12207	27.90926	28.72791	2
1923.64	1925.025	1280.525	105.2821	191.336	105.6776	109.8555	0	32.03837	67.96163	67.96163	0	-9999	8
1923.645	1925.03	1280.53	96.15985	102.8872	95.60362	96.51831	30.94503	10.80402	58.25095	26.76775	31.4832	28.96549	8
1923.65	1925.035	1280.535	92.20442	99.29671	91.43805	85.77684	37.08146	7.495753	55.42278	24.75072	30.67206	30.41352	8
1923.655	1925.04	1280.54	105.3068	298.2415	102.3649	95.60362	0	11.44055	88.55945	88.55945	0	-9999	8
1923.66	1925.045	1280.545	122.5747	151.8862	121.8578	120.5105	0	43.40074	56.59926	56.59926	0	-9999	8
1923.665	1925.05	1280.55	115.2695	302.2599	117.5068	117.0495	0	85.85574	14.14426	14.14426	0	-9999	8
1923.67	1925.055	1280.555	123.3164	286.8436	127.7786	134.2185	0	100	0	0	0	-9999	8
1923.675	1925.06	1280.56	133.0814	202.1687	132.4633	130.1766	0	78.63538	21.36462	21.36462	0	-9999	8
1923.68	1925.065	1280.565	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1923.69	1925.075	1280.575	85.97461	79.31208	84.62729	83.37886	52.15156	1.931513	45.91693	31.93394	13.98298	31.1178	8
1923.695	1925.08	1280.58	76.48157	122.169	75.61632	75.45563	46.77775	4.053063	49.16919	28.75792	20.41127	28.83862	8
1923.7	1925.085	1280.585	90.70877	223.4825	92.34039	98.40951	0	25.74083	74.25917	74.25917	0	-9999	8
1923.705	1925.09	1280.59	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1924	1925.384	1280.884	87.95233	239.3419	86.85222	89.20076	9.688934	14.07667	76.23439	70.50671	5.727681	28.00267	2
1924.005	1925.389	1280.889	74.14539	63.36105	73.76221	76.30852	59.42253	0.537685	40.03978	13.05406	26.98572	31.08134	2
1924.01	1925.394	1280.894	76.14783	39.60257	76.33324	76.84003	58.92324	0.552204	40.52455	10.50946	30.0151	31.98888	2
1924.015	1925.399	1280.899	81.4753	87.0737	81.98209	85.13408	40.04326	6.433114	53.52362	25.72615	27.79747	28.66548	2
1924.02	1925.404	1280.904	64.03431	46.20299	63.25559	62.71171	75.94244	0	24.05756	4.863761	19.1938	31.19136	2
1924.025	1925.409	1280.909	61.36439	18.91511	61.30259	62.00715	79.44628	0	20.55372	8.210229	12.34349	30.49933	2
1924.03	1925.414	1280.914	62.0566	22.41395	61.84646	62.04423	79.11228	0	20.88772	12.79052	8.097197	30.69545	2
1924.035	1925.419	1280.919	66.06147	29.83943	65.8637	66.85256	73.53503	0	26.46497	19.66056	6.804403	30.59839	2
1924.04	1925.424	1280.924	73.79929	66.37097	73.67568	73.6386	57.00084	1.138849	41.86031	23.94203	17.91829	31.0762	2
1924.045	1925.429	1280.929	80.00438	58.94549	79.48523	77.76708	56.15458	1.356692	42.48872	14.37636	28.11237	31.77243	2
1924.05	1925.434	1280.934	77.11197	125.0109	78.21207	77.55695	30.27854	8.656649	61.06481	35.41582	25.64899	28.32388	2
1924.055	1925.439	1280.939	65.30747	50.03796	64.5411	62.43978	73.74727	0	26.25273	22.9057	3.34703	31.47108	2
1924.06	1925.444	1280.944	69.68317	48.02117	68.84264	65.59176	70.78447	0	29.21553	6.127149	23.08838	31.75043	2
1924.065	1925.449	1280.949	73.91054	84.49159	75.27022	74.52857	41.01782	5.216144	53.76604	33.32085	20.44518	29.20017	2
1924.07	1925.454	1280.954	66.24688	32.58961	65.5176	64.41749	76.81813	0	23.18187	21.86803	1.313841	31.19146	2
1924.075	1925.459	1280.959	66.64243	32.75768	66.48174	65.62885	72.00695	0	27.99305	6.548724	21.44432	30.98543	2
1924.08	1925.464	1280.964	65.87606	40.64152	66.29633	67.1863	66.30172	0	33.69828	23.47128	10.22699	30.70535	2
1924.085	1925.469	1280.969	61.66105	34.31611	60.54859	59.1271	83.58894	0	16.41106	16.41106	0	31.84339	2

1924.09	1925.474	1280.974	66.148	42.03189	66.39521	68.38529	67.05621	0	32.94379	9.777691	23.1661	30.53847	2
1924.095	1925.479	1280.979	67.33463	32.46738	67.37171	67.91558	69.90765	0	30.09235	22.15218	7.940175	30.77053	2
1924.1	1925.484	1280.984	75.13425	39.08309	75.96242	78.12555	55.00007	1.522018	43.47791	25.51645	17.96146	31.01752	2
1924.105	1925.489	1280.989	79.12677	79.12874	79.97966	78.86719	41.44432	5.807922	52.74776	19.57992	33.16784	29.59007	2
1924.11	1925.494	1280.994	68.89208	54.74383	68.11335	67.38407	69.40641	0	30.59359	12.24176	18.35183	31.34293	2
1924.115	1925.499	1280.999	74.52857	52.37562	74.45441	74.09595	59.33359	0.460964	40.20545	18.51496	21.69049	31.86178	2
1924.12	1925.504	1281.004	81.93265	88.66269	82.06862	82.41472	42.11184	5.698091	52.19007	34.53214	17.65793	29.31183	2
1924.125	1925.509	1281.009	76.85239	135.5991	75.97478	71.26534	43.28232	5.005491	51.71219	26.34249	25.3697	29.15208	2
1924.13	1925.514	1281.014	71.45075	39.2206	71.2159	71.64852	66.59404	0	33.40596	21.73048	11.67548	31.30193	2
1924.135	1925.519	1281.019	84.67673	77.99811	85.83864	85.34421	34.21707	9.468453	56.31448	32.30926	24.00522	29.29941	2
1924.14	1925.524	1281.024	79.73244	74.17842	79.12677	78.50873	53.38896	2.104265	44.50677	29.25732	15.24945	30.84596	2
1924.145	1925.529	1281.029	82.88443	101.8635	83.32941	84.08342	35.6467	7.872749	56.48055	37.00001	19.48053	28.71579	2
1924.15	1925.533	1281.033	84.99811	127.0277	85.70267	83.7126	25.60069	11.43378	62.96554	34.45589	28.50965	28.88852	2
1924.155	1925.538	1281.038	83.88565	67.74606	84.20703	83.93509	43.93997	5.648209	50.41182	21.10056	29.31126	29.99138	2
1924.16	1925.543	1281.043	79.80661	97.66188	80.15271	81.53711	40.26147	6.055528	53.683	20.84138	32.84162	28.74928	2
1924.165	1925.548	1281.048	81.17865	80.04546	80.94379	78.81775	47.76476	3.847754	48.38749	19.43924	28.94824	30.39413	2
1924.17	1925.553	1281.053	75.3691	139.2965	74.76343	76.81531	41.64465	5.500637	52.85471	31.69268	21.16203	27.63133	2
1924.175	1925.558	1281.058	74.10831	125.347	73.58916	73.46555	45.5098	4.465705	50.0245	33.14799	16.87651	28.49828	2
1924.18	1925.563	1281.063	76.96364	115.5839	77.07488	79.34926	40.35999	5.76484	53.87517	22.94235	30.93282	28.10994	2
1924.185	1925.568	1281.068	82.71138	202.8256	85.31949	87.89052	0	21.31381	78.68619	78.68619	0	-9999	2
1924.19	1925.573	1281.073	68.64486	70.43512	68.58306	67.45823	60.2804	0.442129	39.27747	21.75115	17.52632	31.39596	2
1924.195	1925.578	1281.078	70.35065	102.0622	70.70911	71.74741	47.80029	3.560235	48.63948	26.65338	21.98609	28.76619	2
1924.2	1925.583	1281.083	75.77701	181.9396	74.20719	70.46189	38.42183	6.61059	54.96758	35.38888	19.5787	27.68875	2
1924.205	1925.588	1281.088	67.8167	71.97828	68.1628	67.26046	57.50762	0.956574	41.53581	12.45143	29.08437	30.8277	2
1924.21	1925.593	1281.093	69.41123	87.44039	70.1776	70.75855	49.04176	2.978143	47.98009	24.80171	23.17839	29.25062	2
1924.215	1925.598	1281.098	86.11058	137.9214	87.33429	91.01779	17.91751	14.64345	67.43904	42.68838	24.75066	28.10872	2
1924.22	1925.603	1281.103	88.17482	114.7283	87.21068	81.61127	38.58699	6.218494	55.19452	29.94745	25.24707	30.10946	2
1924.225	1925.608	1281.108	98.17465	123.8497	98.14993	95.69015	19.89929	16.73328	63.36743	39.88529	23.48214	29.33812	2
1924.23	1925.613	1281.113	99.05226	132.8642	100.9064	104.491	2.349439	30.85871	66.79185	66.79185	0	-9999	2
1924.235	1925.618	1281.118	95.26988	195.8127	97.84091	98.74325	0	34.26364	65.73636	65.73636	0	-9999	2
1924.24	1925.623	1281.123	73.83637	104.3998	71.31478	67.75489	66.3481	0	33.6519	24.47137	9.180537	32.01817	2
1924.245	1925.628	1281.128	87.44554	77.98283	86.79042	88.4962	45.75543	4.585484	49.65909	21.99565	27.66344	29.83344	2
1924.25	1925.633	1281.133	84.25647	149.6861	83.95981	78.58289	28.55911	9.431572	62.00932	38.1528	23.85652	29.09312	2
1924.255	1925.638	1281.138	78.13791	32.03958	77.87833	77.82889	62.37126	0	37.62874	23.44596	14.18278	32.49943	2
1924.26	1925.643	1281.143	83.92273	51.48945	84.42952	86.62973	46.40302	5.144895	48.45208	19.1128	29.33928	30.02984	2
1924.265	1925.648	1281.148	86.81514	111.6114	86.77806	85.46782	33.4075	8.768637	57.82386	24.17368	33.65018	29.03542	2
1924.27	1925.653	1281.153	74.76343	34.11749	74.62746	73.82401	64.01497	0	35.98503	9.463223	26.52181	32.07555	2
1924.275	1925.658	1281.158	72.83515	23.39179	73.2925	74.269	63.78641	0	36.21359	23.32049	12.8931	31.6545	2
1924.28	1925.663	1281.163	71.22826	23.54458	71.17881	71.11701	69.1554	0	30.8446	7.229556	23.61505	31.19736	2
1924.285	1925.668	1281.168	76.22199	24.87383	75.98714	76.24671	65.67642	0	34.32358	23.65871	10.66487	31.87401	2
1924.29	1925.673	1281.173	80.62241	46.30995	80.32576	81.28989	56.91947	1.236169	41.84436	17.2938	24.55057	31.66868	2
1924.295	1925.678	1281.178	83.51482	93.46022	82.58777	81.79668	47.73366	3.542903	48.72343	17.83999	30.88345	30.05343	2
1924.3	1925.683	1281.183	83.27997	43.1014	83.03276	82.36528	54.8678	2.031939	43.10026	19.71094	23.38932	31.82336	2
1924.305	1925.688	1281.188	87.68039	50.40466	87.22304	85.82628	50.68055	3.51815	45.8013	25.73389	20.06741	31.4188	2
1924.31	1925.693	1281.193	87.39609	119.7855	85.67795	85.29477	43.92309	3.754786	52.32212	30.58534	21.73679	29.46215	2
1924.315	1925.698	1281.198	83.50246	78.27313	82.36528	80.99324	53.04884	1.918702	45.03246	30.69418	14.33828	31.10868	2
1924.32	1925.703	1281.203	80.77074	68.46416	80.46172	79.84369	51.51748	2.745353	45.73716	16.46982	29.26734	30.75203	2
1924.325	1925.708	1281.208	84.77562	46.95165	85.20824	85.7274	47.29128	5.018263	47.69046	33.46962	14.22083	30.53582	2
1924.33	1925.713	1281.213	74.97356	48.52537	74.81287	74.60274	60.52653	0.144229	39.32924	17.84846	21.48078	32.15158	2
1924.335	1925.718	1281.218	73.04529	37.03573	73.14417	74.269	63.06932	0	36.93068	10.28797	26.64271	31.66078	2
1924.34	1925.723	1281.223	80.33812	32.63545	80.18979	80.88199	59.3407	0.600774	40.05852	14.48516	25.57336	32.38097	2
1924.345	1925.728	1281.228	101.4997	45.27099	101.5368	102.7852	35.37732	14.84463	49.77805	36.13097	13.64708	29.27256	2
1924.35	1925.733	1281.233	99.96696	67.85301	99.84335	98.64436	32.56793	13.81854	53.61353	20.67584	32.93769	29.54052	2
1924.355	1925.738	1281.238	90.52336	272.9552	89.38617	84.34299	0	17.00911	82.99089	82.99089	0	-9999	2
1924.36	1925.743	1281.243	78.27387	69.51839	79.64592	80.91907	40.53126	6.067497	53.40124	32.8118	20.58944	29.24213	2
1924.365	1925.748	1281.248	82.82262	56.02724	82.69902	82.41472	51.20255	3.096835	45.70061	17.70071	27.9999	30.96727	2
1924.37	1925.753	1281.253	88.82994	49.59488	87.97705	85.87572	52.8844	2.45185	44.66375	20.71347	23.95028	31.97175	2
1924.375	1925.758	1281.258	83.0822	114.606	81.72252	80.437	46.36724	3.663663	49.9691	22.94712	27.02198	29.61355	2
1924.38	1925.763	1281.263	76.24671	49.7935	75.52979	74.14539	63.35914	0	36.64086	20.15226	16.4886	32.15847	2
1924.385	1925.768	1281.268	84.94867	93.41439	84.19466	82.01918	45.08448	4.461413	50.45411	28.66671	21.7874	30.1155	2
1924.39	1925.773	1281.273	67.42115	38.18164	68.00211	67.80434	64.23019	0	35.76981	11.01281	24.757	31.13952	2
1924.395	1925.778	1281.278	72.30364	33.42994	72.68682	72.37781	62.42094	0	37.57906	16.7296	20.84946	31.93545	2
1924.4	1925.783	1281.283	87.34665	31.21452	87.30957	86.62973	52.37455	3.590559	44.03489	17.11849	26.9164	31.77305	2
1924.405	1925.788	1281.288	96.74081	159.3728	98.12521	98.78033	1.701118	26.43778	71.8611	71.8611	0	-9999	2
1924.41	1925.793	1281.293	71.22826	93.21576	69.76969	67.28518	63.21568	0.314508	36.46981	22.33346	14.13636	31.81037	2
1924.415	1925.798	1281.298	80.54825	36.77599	80.7831	80.35048	55.1757	1.936953	42.88734	23.2352	19.65215	31.80475	2
1924.42	1925.803	1281.303	76.43213	49.53377	76.30852	77.6064	58.65323	0.657831	40.68894	18.04782	22.64112	31.60509	2
1924.425	1925.808	1281.308	78.90427	58.04404	80.15271	83.4283	43.68605	5.280076	51.03387	22.67836	28.35552	29.31157	2
1924.43	1925.813	1281.313	86.43196	40.4429	86.58029	87.84108	49.54587	4.432208	46.02192	19.9718	26.05012	30.83581	2
1924.435	1925.818	1281.318	67.32227	47.97533	67.5324	68.31113	64.82496	0	35.17504	13.89393	21.28111	31.02158	2
1924.44	1925.823	1281.323	77.80417	46.6308	78.03902	78.38512	55.3154	1.646418	43.03819	30.69317	12.34501	31.36976	2
1924.445	1925.827	1281.327	73.68804	54.2549	73.66332	73.56444	59.2689	0.475248	40.25585	9.642628	30.61322	31.71043	2
1924.45	1925.832	1281.332	76.85239	48.61704	77.08724	78.28624	55.71036	1.478461	42.81118	18.18834	24.62284	31.18594	2

1924.455	1925.837	1281.337	70.95632	48.41842	71.48783	73.49027	58.88371	0.36503	40.75126	20.28305	20.4682	31.23557	2
1924.46	1925.842	1281.342	69.43595	60.18307	69.2629	71.87102	62.89576	0	37.10424	7.269582	29.83466	31.09695	2
1924.465	1925.847	1281.347	67.70545	59.083	67.26046	66.18508	66.86155	0	33.13845	7.907681	25.23077	31.45182	2
1924.47	1925.852	1281.352	78.10082	53.96461	79.21329	82.26639	46.4662	4.307354	49.22645	29.66031	19.56614	29.64405	2
1924.475	1925.857	1281.357	70.11579	46.27939	69.91802	68.1628	65.82659	0	34.17341	9.782328	24.39108	31.67589	2
1924.48	1925.862	1281.362	74.24428	84.88883	73.36666	70.51134	57.95366	1.111534	40.93481	24.70591	16.2289	31.36633	2
1924.485	1925.867	1281.367	87.65567	69.82397	87.72983	87.16124	41.88461	6.753551	51.36184	33.75732	17.60451	29.96254	2
1924.49	1925.872	1281.372	86.1971	72.9714	86.49376	87.40846	40.74049	7.027026	52.23248	23.25781	28.97467	29.50161	2
1924.495	1925.877	1281.377	70.62258	66.17234	69.53484	68.90444	67.44354	0	32.55646	19.75851	12.79796	31.5016	2
1924.5	1925.882	1281.382	69.41123	111.2905	69.17638	70.07871	51.02947	3.090402	45.88012	32.80123	13.0789	28.82499	2
1924.505	1925.887	1281.387	74.68926	86.44727	73.11945	72.34072	62.53169	0.04154	37.42677	26.11242	11.31435	31.78764	2
1924.51	1925.892	1281.392	81.0056	129.5028	77.87833	74.84995	58.37147	0.116673	41.51186	26.38382	15.12804	31.12128	2
1924.515	1925.897	1281.397	86.98819	58.44129	86.35779	84.96103	50.71365	3.185988	46.10036	15.07346	31.0269	31.28213	2
1924.52	1925.902	1281.402	81.87085	98.71612	81.80904	82.69902	41.2685	5.80766	52.92384	32.48168	20.44216	28.97632	2
1924.525	1925.907	1281.407	79.15149	79.25097	78.84247	78.24915	50.39679	2.997185	46.60603	19.54943	27.0566	30.31323	2
1924.53	1925.912	1281.412	91.47514	48.29619	91.36389	91.79651	45.01736	6.589249	48.39339	17.54474	30.84865	30.4701	2
1924.535	1925.917	1281.417	96.9015	44.67512	96.83969	96.97566	40.51822	10.1633	49.31848	30.94553	18.37295	30.0998	2
1924.54	1925.922	1281.422	95.39349	23.34596	95.33168	95.90028	47.06725	7.623429	45.30932	26.01842	19.2909	30.99122	2
1924.545	1925.927	1281.427	81.87085	235.9195	81.95737	79.79424	6.915743	15.47731	77.60695	63.84628	13.76067	-9999	2
1924.55	1925.932	1281.432	77.59403	29.5033	77.49515	77.87833	62.24005	0	37.75995	25.30781	12.45213	32.4595	2
1924.555	1925.937	1281.437	81.66072	141.9398	81.95737	83.30469	28.22363	9.632448	62.14393	33.24112	28.9028	27.85983	2
1924.56	1925.942	1281.442	64.66471	35.72176	65.01081	62.41506	69.18152	0	30.81848	19.53217	11.28631	31.11984	2
1924.565	1925.947	1281.447	72.30364	23.74321	72.2542	71.40131	68.11798	0	31.88202	7.707128	24.17489	31.50341	2
1924.57	1925.952	1281.452	84.21939	106.9055	83.67551	83.91037	40.86203	5.781168	53.3568	36.63252	16.72428	29.05928	2
1924.575	1925.957	1281.457	70.14051	52.72703	69.93038	67.06269	64.33931	0	35.66069	22.30503	13.35566	32.01244	2
1924.58	1925.962	1281.462	66.88964	48.32674	66.28397	65.81426	71.46045	0	28.53955	18.96684	9.572709	31.13348	2
1924.585	1925.967	1281.467	72.26656	43.42226	72.30364	72.01934	62.71919	0	37.28081	24.16175	13.11906	31.85684	2
1924.59	1925.972	1281.472	85.75212	71.13794	85.1588	84.25647	48.49086	3.729193	47.77995	19.96805	27.81189	30.64152	2
1924.595	1925.977	1281.477	79.95493	145.2705	79.26273	76.45685	36.65055	6.750562	56.59889	25.65796	30.94092	28.5007	2
1924.6	1925.982	1281.482	72.29128	124.4914	72.26656	70.78327	43.55669	4.891546	51.55176	19.45505	32.09671	28.51967	2
1924.605	1925.987	1281.487	72.97112	48.17395	72.01934	71.50019	68.58474	0	31.41526	19.15255	12.26271	31.38596	2
1924.61	1925.992	1281.492	78.45929	56.11891	77.87833	77.01308	58.73908	0.626566	40.63436	29.27814	11.35622	32.00659	2
1924.615	1925.997	1281.497	80.44936	84.06378	80.57297	81.20337	44.68519	4.80442	50.51039	30.16808	20.3423	29.47218	2
1924.62	1926.002	1281.502	70.5855	80.39688	70.75855	71.45075	54.26416	1.858922	43.87692	26.12081	17.75612	30.04138	2
1924.625	1926.007	1281.507	68.96624	47.45585	68.53362	67.21102	68.41959	0	31.58041	14.7632	16.81721	31.40841	2
1924.63	1926.012	1281.512	71.47547	39.00669	70.98104	70.67202	68.63477	0	31.36523	8.252842	23.11239	31.3037	2
1924.635	1926.017	1281.517	77.19849	43.88062	77.49515	76.32088	56.05918	1.403362	42.53746	26.65016	15.8873	31.78805	2
1924.64	1926.022	1281.522	83.26761	87.53206	85.1588	88.81758	27.5543	11.60458	60.84111	28.28959	32.55152	28.33095	2
1924.645	1926.027	1281.527	75.14661	79.75517	75.56687	76.976	48.30732	3.444229	48.24846	30.58425	17.6642	29.48911	2
1924.65	1926.032	1281.532	74.8994	72.83389	75.40618	71.09229	49.53913	3.074553	47.38631	25.37092	22.01539	30.8051	2
1924.655	1926.037	1281.537	75.73992	62.00124	77.0378	76.98836	45.25642	4.283893	50.45968	19.95441	30.50528	29.87141	2
1924.66	1926.042	1281.542	77.02544	36.33291	77.40862	78.63234	57.37436	1.028471	41.59716	30.19397	11.40319	31.69803	2
1924.665	1926.047	1281.547	69.78205	34.63697	69.17638	68.83028	72.11235	0	27.88765	15.45057	12.43708	31.09866	2
1924.67	1926.052	1281.552	80.91907	43.04029	81.17865	81.90793	53.127	2.564971	44.30803	20.02706	24.28098	31.1815	2
1924.675	1926.057	1281.557	89.33673	94.68252	90.17726	92.3033	28.38293	12.44613	59.17094	31.35852	27.81242	28.55144	2
1924.68	1926.062	1281.562	69.75733	69.97676	69.48539	70.83271	60.99639	0.309198	38.69442	26.20445	12.48997	31.1397	2
1924.685	1926.067	1281.567	64.28153	34.43834	64.45458	63.71293	71.18578	0	28.81422	13.55905	15.25517	30.75726	2
1924.69	1926.072	1281.572	71.50019	62.91797	71.25298	70.46189	60.90959	0.199205	38.89121	21.00741	17.8838	31.79448	2
1924.695	1926.077	1281.577	74.40497	72.9714	75.04772	77.6064	48.90698	3.198563	47.89446	21.546	26.34846	29.44282	2
1924.7	1926.082	1281.582	74.50385	73.53671	74.36788	72.10587	54.71433	1.766202	43.51947	30.94048	12.57899	31.0303	2
1924.705	1926.087	1281.587	83.11928	54.51464	83.25525	87.38373	49.28397	3.864592	46.85144	22.18021	24.67123	29.9341	2
1924.71	1926.092	1281.592	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1925	1926.381	1281.881	124.7749	389.3183	127.7539	140.9428	0	100	0	0	0	-9999	8
1925.005	1926.386	1281.886	90.46156	154.2239	90.53572	90.56044	18.87842	13.96276	67.15883	51.89926	15.25957	28.61945	8
1925.01	1926.391	1281.891	85.25769	172.5126	85.77684	81.17865	15.79147	14.02273	70.1858	54.06878	16.11702	29.34243	8
1925.015	1926.396	1281.896	91.12904	106.6	91.11667	90.1649	30.45989	10.76136	58.77875	39.97318	18.80557	29.08463	8
1925.02	1926.401	1281.901	97.03746	114.7283	97.29704	96.29582	20.94958	16.89246	62.15796	33.28502	28.87293	29.04474	8
1925.025	1926.406	1281.906	106.6294	201.038	107.4081	101.8952	0	38.32796	61.67204	61.67204	0	-9999	8
1925.03	1926.41	1281.91	115.183	153.8572	113.3784	107.5935	10.78435	15.95415	73.2615	57.29184	15.96966	30.93621	8
1925.035	1926.415	1281.915	111.2894	183.6813	112.2782	114.5279	0	48.38242	51.61758	51.61758	0	-9999	8
1925.04	1926.42	1281.92	102.3155	109.3043	103.3044	105.245	11.75445	27.46007	60.78548	38.96585	21.81963	28.43461	8
1925.045	1926.425	1281.925	94.98558	214.9417	100.0288	102.3773	0	51.00912	48.99088	48.99088	0	-9999	8
1925.05	1926.43	1281.93	88.19954	342.0305	87.5197	83.67551	0	22.59971	77.40029	77.40029	0	-9999	8
1925.055	1926.435	1281.935	89.67047	593.3509	83.10692	69.22582	0	20.11304	79.88696	79.88696	0	-9999	8
1925.06	1926.44	1281.94	94.28102	371.1518	89.06479	85.93753	3.868489	7.156999	88.97451	88.97451	0	-9999	8
1925.065	1926.445	1281.945	98.76797	227.5009	95.2328	90.99307	21.47582	3.625897	74.89828	52.20424	22.69404	29.60826	8
1925.07	1926.45	1281.95	101.6727	157.6922	100.5356	97.55662	17.11278	14.14261	68.74461	40.4315	28.3131	29.67344	8
1925.075	1926.455	1281.955	95.07211	160.2437	96.30818	95.45529	4.175114	23.75775	72.06714	72.06714	0	-9999	8
1925.08	1926.46	1281.96	96.46887	116.6687	99.2624	99.64558	1.364999	32.16867	66.46633	66.46633	0	-9999	8
1925.085	1926.465	1281.965	93.29216	182.4743	93.82367	92.22914	5.89321	19.88789	74.2189	68.66085	5.558051	-9999	8
1925.09	1926.47	1281.97	84.82506	153.0627	82.30347	78.73122	44.46209	3.253104	52.28481	18.10364	34.18117	29.35156	8
1925.095	1926.475	1281.975	85.90045	142.1078	85.35657	84.73854	30.79651	8.732988	60.4705	29.25705	31.21345	28.39739	8
1925.1	1926.48	1281.98	90.94362	178.0588	87.01291	83.93509	43.70467	0.074763	56.22057	33.2358	22.98476	29.55998	8

1925.105	1926.485	1281.985	96.44415	339.1734	92.21678	80.85727	1.953546	8.321796	89.72466	89.72466	0	-9999	8
1925.11	1926.49	1281.99	89.58394	195.4307	86.86458	81.22809	31.36358	5.658414	62.978	36.0545	26.92351	28.91167	8
1925.115	1926.495	1281.995	103.1684	484.3981	101.7963	103.7123	0	35.32758	64.67242	64.67242	0	-9999	8
1925.12	1926.5	1282	107.5441	483.5119	114.3301	110.8444	0	100	0	0	0	-9999	8
1925.125	1926.505	1282.005	113.6256	546.3535	119.1755	125.9492	0	100	0	0	0	-9999	8
1925.13	1926.51	1282.01	109.5465	242.6727	113.3536	118.2856	0	83.60733	16.39267	16.39267	0	-9999	8
1925.135	1926.515	1282.015	97.38357	282.1072	93.68771	93.65062	10.78009	6.759725	82.46019	55.30631	27.15387	28.94304	8
1925.14	1926.52	1282.02	80.18979	61.94012	79.89313	80.73366	53.53498	2.160453	44.30457	25.47059	18.83398	30.84261	8
1925.145	1926.525	1282.025	73.87345	64.65975	73.19361	70.18996	61.65753	0.034873	38.3076	12.22872	26.07888	32.44923	8
1925.15	1926.53	1282.03	74.87467	245.3465	69.63372	66.77839	52.35882	4.773848	42.86733	30.02741	12.83993	26.99175	8
1925.155	1926.535	1282.035	85.35657	417.1104	80.75838	68.03919	0	15.40535	84.59465	84.59465	0	-9999	8
1925.16	1926.54	1282.04	87.92761	155.492	88.47148	89.17604	17.26252	14.45058	68.28689	47.42618	20.86071	28.51921	8
1925.165	1926.545	1282.045	88.99063	90.46558	89.85588	90.18962	29.53025	12.0217	58.44804	34.27934	24.1687	28.93025	8
1925.17	1926.55	1282.05	91.49986	32.37571	91.52458	91.49986	47.79362	6.132863	46.07352	21.23708	24.83644	31.06314	8
1925.175	1926.555	1282.055	92.27858	30.66449	92.27858	92.81009	47.6829	6.377182	45.93992	26.78767	19.15225	30.978	8
1925.18	1926.56	1282.06	94.1945	54.74383	94.04617	94.37991	41.24261	8.486773	50.27062	31.06099	19.20963	30.05866	8
1925.185	1926.565	1282.065	82.46416	77.24945	81.92029	82.7979	49.65361	3.227785	47.1186	33.41633	13.70227	30.17105	8
1925.19	1926.57	1282.07	72.316	83.98739	72.72391	73.76221	49.98307	2.908522	47.1084	14.42802	32.68039	29.48491	8
1925.195	1926.575	1282.075	84.14522	152.1918	84.08342	85.59143	26.23496	10.27771	63.48733	32.84044	30.64689	27.81949	8
1925.2	1926.58	1282.08	86.37015	114.4074	87.47026	84.44188	24.32705	12.77901	62.89394	29.43602	33.45792	29.29723	8
1925.205	1926.585	1282.085	76.98836	137.1575	77.02544	68.79319	35.69121	7.067962	57.24083	39.27792	17.96291	29.46091	8
1925.21	1926.59	1282.09	66.66715	46.90582	65.36927	64.92428	77.37356	0	22.62644	12.04756	10.57888	31.3352	8
1925.215	1926.595	1282.095	71.06757	69.96148	69.51012	66.09855	69.75741	0	30.24259	20.78541	9.457178	31.93297	8
1925.22	1926.6	1282.1	78.7683	58.39545	78.83011	79.94257	52.92248	2.350686	44.72683	21.06058	23.66625	30.69501	8
1925.225	1926.605	1282.105	79.22565	75.87436	78.79303	77.81653	52.10365	2.497717	45.39863	23.71673	21.6819	30.66302	8
1925.23	1926.61	1282.11	84.94867	226.3244	82.7979	75.10953	23.74517	9.26297	66.99186	45.13053	21.86133	28.50589	8
1925.235	1926.615	1282.115	91.42569	144.8886	91.33917	90.70877	21.4959	13.19041	65.31369	41.38706	23.92663	28.73516	8
1925.24	1926.62	1282.12	94.24394	154.1628	95.75195	97.9398	4.301115	23.98569	71.71319	71.71319	0	-9999	8
1925.245	1926.625	1282.125	97.11163	155.3698	98.33534	99.54669	3.574041	25.59945	70.82651	70.82651	0	-9999	8
1925.25	1926.63	1282.13	98.74325	146.722	99.12643	101.2648	10.67982	21.38234	67.93783	48.73624	19.20159	28.8271	8
1925.255	1926.635	1282.135	92.47635	62.88741	92.59996	93.08203	38.74504	9.254361	52.00059	35.07889	16.9217	29.67988	8
1925.26	1926.64	1282.14	89.68283	63.19298	88.558	85.54198	50.9165	2.626667	46.45683	27.65492	18.80191	31.71111	8
1925.265	1926.645	1282.145	92.94606	51.82558	91.90776	87.8658	49.99467	3.379168	46.62616	28.68127	17.9449	32.06715	8
1925.27	1926.65	1282.15	93.6259	37.32603	93.51466	93.5641	45.69343	7.135014	47.17155	32.97573	14.19583	30.76636	8
1925.275	1926.655	1282.155	92.67413	56.39393	91.9572	89.99185	46.64862	5.033784	48.3176	23.18579	25.1318	31.11654	8
1925.28	1926.66	1282.16	94.6024	55.50776	94.50351	91.25264	40.29928	9.057467	50.64326	32.59471	18.04854	30.61809	8
1925.285	1926.665	1282.165	92.76065	45.53073	93.04495	93.40341	41.43846	9.039054	49.52248	34.84867	14.67381	30.0941	8
1925.29	1926.67	1282.17	88.81758	84.06378	88.66925	85.46782	39.09394	7.450399	53.45566	27.03897	26.41669	30.0868	8
1925.295	1926.675	1282.175	92.09317	99.09809	92.76065	93.46521	26.11958	13.99672	59.88371	44.02549	15.85821	28.77286	8
1925.3	1926.68	1282.18	95.19572	77.44807	93.83604	92.5258	44.21503	4.425319	51.35965	28.06777	23.29188	30.67851	8
1925.305	1926.685	1282.185	92.50108	40.35123	92.57524	93.72479	44.55924	7.516611	47.92415	22.49046	25.43369	30.35851	8
1925.31	1926.69	1282.19	88.75577	51.99365	88.24898	87.56914	49.68985	3.88634	46.42381	19.08002	27.3438	31.16494	8
1925.315	1926.695	1282.195	82.34056	63.55967	81.28989	81.33934	57.00788	0.894711	42.09741	20.86198	21.23543	31.64512	8
1925.32	1926.7	1282.2	86.67917	142.2606	85.48018	81.68544	35.12027	6.831772	58.04795	30.58569	27.46227	29.12222	8
1925.325	1926.704	1282.204	87.54442	56.0578	87.30957	87.06235	47.71326	4.643883	47.64286	24.86561	22.77725	30.70536	8
1925.33	1926.709	1282.209	91.12904	127.7305	88.9041	87.74219	42.49373	3.036383	54.46989	34.44088	20.02901	29.69432	8
1925.335	1926.714	1282.214	93.44049	117.3868	93.92256	89.96713	21.89112	15.36153	62.74735	37.30445	25.4429	29.55713	8
1925.34	1926.719	1282.219	96.5554	56.562	95.90028	94.37991	42.5582	7.363803	50.07799	20.40005	29.67794	30.6431	8
1925.345	1926.724	1282.224	98.9163	91.01562	98.70616	97.33412	28.59975	13.94611	57.45414	35.77896	21.67518	29.31937	8
1925.35	1926.729	1282.229	99.78155	60.96228	99.75683	97.72967	33.6397	13.85819	52.50211	29.21411	23.288	29.75956	8
1925.355	1926.734	1282.234	97.07455	46.52385	97.90272	97.75439	33.01434	15.75913	51.22654	18.01931	33.20723	29.34416	8
1925.36	1926.739	1282.239	87.19832	72.34497	87.18596	87.08708	42.36586	6.385473	51.24867	35.37901	15.86966	29.86477	8
1925.365	1926.744	1282.244	75.40618	52.8187	75.27022	74.92412	58.89794	0.58937	40.51269	25.15209	15.3606	31.81525	8
1925.37	1926.749	1282.249	73.2925	96.22568	74.24428	72.37781	41.90802	5.005118	53.08686	30.6138	22.47306	29.16587	8
1925.375	1926.754	1282.254	74.91176	106.3402	76.30852	79.27509	34.52194	7.153802	58.32426	28.32124	30.00302	27.91079	8
1925.38	1926.759	1282.259	75.77701	149.7472	75.9995	71.64852	32.32201	7.95498	59.72301	42.31472	17.40829	28.41223	8
1925.385	1926.764	1282.264	82.7979	251.0607	84.82506	88.68161	0	22.7571	77.2429	77.2429	0	-9999	8
1925.39	1926.769	1282.269	88.28607	106.6764	87.804	88.27371	36.69717	7.474449	55.82838	35.70411	20.12427	28.96611	8
1925.395	1926.774	1282.274	99.71974	376.3008	92.66177	93.66299	11.89238	0	88.10762	62.6823	25.42532	22.12791	8
1925.4	1926.779	1282.279	97.35884	188.3108	95.39349	93.87312	20.09016	9.4034	70.50644	44.0309	26.47554	29.05846	8
1925.405	1926.784	1282.284	98.86685	153.6738	98.53311	94.8867	14.43991	17.35161	68.20848	54.06431	14.14417	29.72618	8
1925.41	1926.789	1282.289	106.6047	76.69941	107.4452	105.0967	16.84834	30.5046	52.64707	43.57395	9.073114	28.47423	8
1925.415	1926.794	1282.294	106.6047	43.57505	107.1362	107.2103	27.25933	25.23768	47.50299	23.14421	24.35878	28.28273	8
1925.42	1926.799	1282.299	105.1955	48.26563	105.2944	105.2326	30.77345	19.61106	49.61549	19.30464	30.31085	28.89719	8
1925.425	1926.804	1282.304	104.7382	77.08138	104.5157	105.1214	26.71148	18.23954	55.04898	36.50576	18.54322	28.74894	8
1925.43	1926.809	1282.309	106.2833	67.82245	105.8754	107.1238	28.9676	17.60193	53.43048	36.01192	17.41856	28.7334	8
1925.435	1926.814	1282.314	107.2103	71.73381	107.2598	111.549	23.62372	23.29152	53.08477	22.89623	30.18854	27.63755	8
1925.44	1926.819	1282.319	109.6083	55.81334	110.2264	111.9074	20.86373	31.95393	47.18235	17.04107	30.14128	27.2844	8
1925.445	1926.824	1282.324	107.7171	56.16475	108.0756	109.1386	24.53029	26.04747	49.42224	21.1663	28.25594	27.97354	8
1925.45	1926.829	1282.329	102.6369	64.23194	102.674	100.9805	29.74256	17.28228	52.97517	36.48449	16.49067	29.32595	8
1925.455	1926.834	1282.334	99.53433	102.9331	98.49603	96.08569	31.56545	9.903692	58.53086	40.93174	17.59912	29.76323	8
1925.46	1926.839	1282.339	98.59492	163.7884	98.59492	97.60606	9.655886	19.93373	70.41039	64.7478	5.662583	29.51441	8
1925.465	1926.844	1282.344	102.674	163.2536	102.0065	98.89157	11.20555	18.60446	70.19	57.99737	12.19263	29.89814	8

1925.47	1926.849	1282.349	105.8507	117.0812	106.753	107.7419	7.290654	32.58651	60.12283	60.12283	0	-9999	8
1925.475	1926.854	1282.354	102.4638	100.3509	103.5763	103.0324	12.82674	28.06856	59.1047	51.81945	7.285254	28.76168	8
1925.48	1926.859	1282.359	97.9398	150.5875	98.90394	95.28224	5.98114	24.56889	69.44997	69.44997	0	-9999	8
1925.485	1926.864	1282.364	101.6727	961.0192	92.19206	94.57768	0	20.63419	79.36581	79.36581	0	-9999	8
1925.49	1926.869	1282.369	117.8159	856.1763	115.8629	134.3174	0	63.0281	36.9719	36.9719	0	-9999	8
1925.495	1926.874	1282.374	117.9765	311.2438	121.1409	129.4473	0	100	0	0	0	-9999	8
1925.5	1926.879	1282.379	130.0159	201.3742	132.9454	137.9144	0	100	0	0	0	-9999	8
1925.505	1926.884	1282.384	121.8702	152.2376	123.4029	127.6179	0	88.70818	11.29182	11.29182	0	-9999	8
1925.51	1926.889	1282.389	114.0953	88.87659	113.4772	109.8926	18.314	26.24666	55.43935	31.35561	24.08373	28.79998	8
1925.515	1926.894	1282.394	109.3611	87.18065	107.4452	105.5293	33.13839	6.923926	59.93769	30.4967	29.44098	30.45123	8
1925.52	1926.899	1282.399	102.1177	47.80726	101.7222	100.9558	37.5478	12.38975	50.06245	34.05524	16.00721	29.95188	8
1925.525	1926.904	1282.404	98.60728	46.72247	98.42187	97.89036	39.4114	10.86957	49.71903	21.75466	27.96438	30.09998	8
1925.53	1926.909	1282.409	95.5789	45.66824	95.33168	93.31688	42.93161	8.256254	48.81213	33.56789	15.24425	30.77659	8
1925.535	1926.914	1282.414	95.03503	99.37311	94.07089	92.73593	35.99155	7.83121	56.17724	21.03603	35.14121	29.66831	8
1925.54	1926.919	1282.419	92.03137	61.77206	92.14262	93.76187	39.52014	8.835955	51.6439	37.29226	14.35164	29.53761	8
1925.545	1926.924	1282.424	89.76935	39.12892	89.08951	87.64331	53.21176	2.767288	44.02096	29.48029	14.54067	32.0665	8
1925.55	1926.929	1282.429	84.82506	25.98918	84.49132	84.15758	58.25804	1.17691	40.56505	23.22769	17.33736	32.69736	8
1925.555	1926.934	1282.434	85.98697	61.20674	85.17116	82.62485	52.40247	2.41453	45.183	16.62433	28.55867	31.64317	8
1925.56	1926.939	1282.439	89.17604	112.1462	87.47026	82.48888	44.03848	3.625643	52.33588	23.38945	28.94643	30.55895	8
1925.565	1926.944	1282.444	92.16734	93.09353	90.7953	89.57158	43.31073	4.416879	52.27239	17.49726	34.77513	30.21929	8
1925.57	1926.949	1282.449	91.265	100.6718	90.52336	88.59509	37.42136	7.289884	55.28875	36.76369	18.52506	29.6708	8
1925.575	1926.954	1282.454	90.30087	127.5624	88.79286	86.12294	37.74017	5.666378	56.59346	32.27469	24.31877	29.49871	5
1925.58	1926.959	1282.459	95.59126	160.9771	93.74951	91.84596	27.37314	7.775589	64.85127	32.01352	32.83775	29.07358	5
1925.585	1926.964	1282.464	98.95338	107.7	100.0288	101.0794	14.56526	23.59548	61.83926	47.7821	14.05716	28.69926	5
1925.59	1926.969	1282.469	101.2896	77.79949	101.8087	101.4132	23.96271	20.38526	55.65203	30.04482	25.60721	28.80057	5
1925.595	1926.974	1282.474	100.4614	125.9429	100.6962	101.6604	15.27723	20.67696	64.04581	45.96863	18.07719	28.75181	5
1925.6	1926.979	1282.479	97.0251	88.5863	95.8632	93.972	38.30381	6.956676	54.73951	32.90079	21.83872	30.14534	5
1925.605	1926.984	1282.484	94.78781	92.22264	93.81131	93.26744	38.04519	7.174662	54.78015	21.46611	33.31404	29.72234	5
1925.61	1926.989	1282.489	99.70738	88.02098	99.99168	97.79147	24.76483	17.70701	57.52816	36.4815	21.04665	29.2667	5
1925.615	1926.994	1282.494	99.07699	116.4548	99.80627	97.19815	15.01518	21.98195	63.00287	36.57669	26.42619	29.39692	5
1925.62	1926.998	1282.498	93.51466	147.0123	91.74707	88.37259	32.08832	6.682553	61.22913	34.77771	26.45142	29.39939	5
1925.625	1927.003	1282.503	95.81375	129.1056	95.45529	93.2798	23.38587	13.43841	63.17572	32.93246	30.24326	29.21571	5
1925.63	1927.008	1282.508	94.86198	135.6296	94.68893	96.44415	21.24575	14.25146	64.50279	48.36906	16.13373	28.45469	5
1925.635	1927.013	1282.513	98.55783	185.8357	96.87678	95.56654	17.38277	11.17119	71.44603	42.32772	29.11831	29.19771	5
1925.64	1927.018	1282.518	99.91752	165.8969	98.89157	96.58012	15.87989	14.44531	69.6748	49.45186	20.22294	29.50015	5
1925.645	1927.023	1282.523	94.1945	253.1997	91.57402	91.2032	12.37541	10.1198	77.5048	67.33424	10.17055	28.59754	5
1925.65	1927.028	1282.528	95.04739	97.78411	94.65184	93.39105	31.95811	10.65236	57.38953	33.88321	23.50631	29.38156	5
1925.655	1927.033	1282.533	106.5181	133.5212	105.9248	106.8395	14.28938	20.57848	65.13214	49.61744	15.5147	28.84867	5
1925.66	1927.038	1282.538	104.1202	126.279	104.2067	106.308	12.97936	23.49815	63.52249	51.69879	11.8237	28.51412	5
1925.665	1927.043	1282.543	102.5256	71.91716	103.1931	103.8853	23.0995	22.64403	54.25647	27.1397	27.11677	28.45011	5
1925.67	1927.048	1282.548	97.38357	118.9452	97.06219	98.59492	24.11307	14.00942	61.87751	29.45979	32.41773	28.60013	5
1925.675	1927.053	1282.553	93.13147	120.7939	90.511	85.67795	45.39559	1.12915	53.47526	15.77636	37.6989	30.98198	5
1925.68	1927.058	1282.558	87.79164	96.57709	86.02405	84.10814	49.55882	2.09384	48.34734	15.73834	32.609	30.74842	5
1925.685	1927.063	1282.563	92.40219	233.2151	88.63217	85.96225	27.76961	4.116986	68.11341	42.99836	25.11505	28.24206	5
1925.69	1927.068	1282.568	100.9311	301.8626	98.73088	90.9189	0	16.47544	83.52456	83.52456	0	-9999	5
1925.695	1927.073	1282.573	112.1917	127.5013	113.3289	112.0063	0	48.58048	51.41952	51.41952	0	-9999	5
1925.7	1927.078	1282.578	124.7873	104.2165	124.0951	125.121	5.339848	45.55801	49.10214	49.10214	0	-9999	5
1925.705	1927.083	1282.583	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1926	1927.377	1282.877	76.84003	48.09756	76.13547	75.3073	63.12792	0	36.87208	14.49071	22.38137	32.11508	-9999
1926.005	1927.382	1282.882	82.46416	90.08362	81.99445	82.51361	45.97297	4.299061	49.72797	31.85251	17.87546	29.60074	-9999
1926.01	1927.387	1282.887	78.06374	67.57799	76.74114	77.07488	62.07762	0	37.92238	17.08382	20.83856	31.7183	-9999
1926.015	1927.392	1282.892	76.88947	146.3553	73.46555	70.07871	60.3791	0.8302	38.7907	21.30105	17.48966	30.74206	-9999
1926.02	1927.397	1282.897	84.83742	233.2304	80.44936	79.54703	39.51528	3.650903	56.83382	39.07905	17.75477	27.11907	-9999
1926.025	1927.402	1282.902	90.83238	113.7504	89.90532	84.97339	36.09128	7.224911	56.6838	31.30248	25.38132	29.98483	-9999
1926.03	1927.407	1282.907	84.28119	36.05789	83.94745	84.93631	56.32178	1.65742	42.0208	26.28462	15.73618	31.91192	-9999
1926.035	1927.412	1282.912	75.73992	81.68029	75.31966	74.99828	53.80969	2.054235	44.13607	23.08897	21.0471	30.4369	-9999
1926.04	1927.417	1282.917	78.71886	85.14857	78.05138	78.33568	52.14566	2.452143	45.4022	18.35641	27.04579	30.21927	-9999
1926.045	1927.422	1282.922	77.79181	89.50302	77.14905	77.69292	51.75318	2.586663	45.66016	19.86933	25.79082	29.97583	-9999
1926.05	1927.427	1282.927	83.45302	102.49	83.39122	84.56549	38.89963	6.65053	54.44985	35.12502	19.32482	28.77933	-9999
1926.055	1927.432	1282.932	85.39366	132.4822	83.61371	83.27997	43.17172	4.076385	52.75189	36.14433	16.60757	29.01503	-9999
1926.06	1927.437	1282.937	95.97444	140.6563	93.37869	90.10309	37.78177	2.739744	59.47849	26.24845	33.23003	30.04637	8
1926.065	1927.442	1282.942	105.4675	98.82307	105.0225	104.2438	22.50338	18.52913	58.9675	26.09746	32.87004	28.96846	8
1926.07	1927.447	1282.947	114.9482	82.67341	116.0854	117.5316	5.427521	52.6438	41.92868	41.92868	0	-9999	8
1926.075	1927.452	1282.952	111.4624	193.4139	113.9593	120.2509	0	69.30732	30.69268	30.69268	0	-9999	8
1926.08	1927.457	1282.957	105.4428	288.3256	111.6726	106.5676	0	100	0	0	0	-9999	8
1926.085	1927.462	1282.962	100.7828	241.6643	96.91386	94.96086	18.78115	2.221797	78.99706	42.82861	36.16844	29.54483	8
1926.09	1927.467	1282.967	106.3822	289.9757	106.1597	104.4045	0	34.41214	65.58786	65.58786	0	-9999	8
1926.095	1927.472	1282.972	112.6738	309.8229	119.8059	125.6773	0	100	0	0	0	-9999	8
1926.1	1927.477	1282.977	109.7196	207.8065	111.858	110.1646	0	60.45896	39.54104	39.54104	0	-9999	8
1926.105	1927.482	1282.982	105.2203	229.5024	105.1955	107.1609	0	30.77946	69.22054	69.22054	0	-9999	8
1926.11	1927.487	1282.987	112.6738	159.2812	114.8246	112.612	0	66.0245	33.9755	33.9755	0	-9999	8
1926.115	1927.492	1282.992	110.5725	166.8441	110.1151	105.0472	1.441488	28.75541	69.8031	69.8031	0	-9999	8
1926.12	1927.497	1282.997	121.9073	192.9556	126.8886	130.3002	0	100	0	0	0	-9999	8

1926.125	1927.502	1283.002	126.8639	92.31432	128.9529	132.1049	0	100	0	0	0	-9999	8
1926.13	1927.507	1283.007	116.246	142.0314	116.7034	115.2077	0	49.48288	50.51712	50.51712	0	-9999	8
1926.135	1927.512	1283.012	112.748	101.1913	110.2758	106.8148	30.94273	3.114708	65.94257	41.96857	23.974	31.14154	8
1926.14	1927.517	1283.017	112.5749	54.63687	112.0187	111.2029	27.51977	22.63441	49.84582	17.40882	32.437	28.53973	8
1926.145	1927.522	1283.022	110.9804	133.5517	112.8345	114.6886	0	55.28313	44.71687	44.71687	0	-9999	8
1926.15	1927.527	1283.027	110.1151	131.8863	112.4513	116.6045	0	58.92008	41.07992	41.07992	0	-9999	8
1926.155	1927.532	1283.032	117.1978	63.40689	118.7058	119.0766	5.14647	64.27585	30.57768	22.43199	8.145696	-9999	8
1926.16	1927.537	1283.037	118.1496	199.7546	123.6378	124.2434	0	100	0	0	0	-9999	8
1926.165	1927.542	1283.042	120.4981	110.4502	122.4388	123.2175	0	88.60336	11.39664	11.39664	0	-9999	8
1926.17	1927.547	1283.047	116.2584	77.60086	116.0112	118.0878	16.17878	34.28529	49.53594	33.84391	15.69203	26.84842	8
1926.175	1927.552	1283.052	112.2412	118.3799	113.1188	114.0829	1.288702	44.65395	54.05735	54.05735	0	-9999	8
1926.18	1927.557	1283.057	108.5577	163.5745	111.3512	114.6144	0	62.14576	37.85424	37.85424	0	-9999	8
1926.185	1927.562	1283.062	111.7344	87.70013	111.7838	112.1794	15.59776	31.08287	53.31937	33.13065	20.18872	27.77505	8
1926.19	1927.567	1283.067	120.3251	79.801	120.2015	121.9938	10.94704	45.0922	43.96076	41.68041	2.28035	25.70796	8
1926.195	1927.572	1283.072	122.3893	40.84015	121.6724	121.5364	23.07465	35.52542	41.39993	18.62796	22.77196	26.34346	8
1926.2	1927.577	1283.077	126.8763	146.9665	124.8986	124.6266	3.035253	22.15635	74.8084	74.8084	0	-9999	8
1926.205	1927.582	1283.082	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1926.21	1927.586	1283.086	103.4527	135.9352	105.4551	95.08447	0	39.7445	60.2555	60.2555	0	-9999	8
1926.215	1927.591	1283.091	104.2932	142.6884	104.2314	104.5899	9.998626	23.55227	66.4491	62.94532	3.503781	29.08272	8
1926.22	1927.596	1283.096	101.5368	56.57728	101.339	100.8322	34.4272	13.9238	51.649	36.59278	15.05622	29.54539	8
1926.225	1927.601	1283.101	106.135	65.88205	105.7518	104.4539	29.38204	17.53999	53.07797	25.52771	27.55026	29.2146	8
1926.23	1927.606	1283.106	106.7283	55.03412	106.2462	102.9953	32.22776	16.52002	51.25222	32.47615	18.77608	29.7793	8
1926.235	1927.611	1283.111	108.2239	88.54046	107.7295	104.9236	22.83902	20.27325	56.88773	43.48054	13.40719	29.19968	8
1926.24	1927.616	1283.116	105.9372	87.80708	105.863	100.7704	21.86324	21.61286	56.5239	38.63902	17.88488	29.54076	8
1926.245	1927.621	1283.121	106.0855	60.79422	106.0855	105.8012	27.68912	20.64943	51.66144	36.20216	15.45929	28.73817	8
1926.25	1927.626	1283.126	108.2857	55.72167	108.0014	106.9384	29.09579	20.25144	50.65277	25.16032	25.49245	28.92441	8
1926.255	1927.631	1283.131	99.9546	258.9751	103.4403	93.19328	0	53.42757	46.57243	46.57243	0	-9999	8
1926.26	1927.636	1283.136	93.8484	227.4092	88.22426	86.58029	42.21348	0	57.78652	23.4204	34.36612	23.65318	2
1926.265	1927.641	1283.141	84.29355	146.6456	82.35292	78.63234	42.00161	4.409897	53.58849	35.47523	18.11326	29.22394	2
1926.27	1927.646	1283.146	80.36284	55.52304	78.90427	79.34926	63.9335	0	36.0665	24.72791	11.33859	31.43822	2
1926.275	1927.651	1283.151	84.03398	31.74928	85.08464	86.55556	46.86279	5.600201	47.53701	22.60844	24.92857	30.49092	2
1926.28	1927.656	1283.156	85.13408	65.989	87.01291	90.26378	31.14637	11.44614	57.40749	37.48081	19.92668	28.67724	2
1926.285	1927.661	1283.161	81.72252	77.49391	81.07976	81.53711	51.04313	2.76317	46.1937	28.51128	17.68242	30.36887	2
1926.29	1927.666	1283.166	82.21695	39.80119	82.14278	82.47652	55.30329	1.921121	42.77559	26.8909	15.88468	31.69358	2
1926.295	1927.671	1283.171	87.79164	32.42155	87.35901	86.81514	54.73853	2.439012	42.82246	18.46191	24.36055	32.13866	2
1926.3	1927.676	1283.176	92.31567	50.84774	92.19206	87.97705	43.72239	7.190749	49.08686	32.48023	16.60663	31.15593	2
1926.305	1927.681	1283.181	85.82628	72.4672	85.67795	85.07228	44.65231	5.30956	50.03813	22.24215	27.79598	30.11475	2
1926.31	1927.686	1283.186	80.14035	65.83621	79.53467	74.269	55.03251	1.646192	43.3213	12.94738	30.37392	32.11008	2
1926.315	1927.691	1283.191	80.33812	136.1644	79.36162	69.52248	40.70501	5.536539	53.75845	26.51453	27.24392	30.14977	2
1926.32	1927.696	1283.196	88.7805	171.4889	88.4962	83.30469	19.02493	12.81061	68.16446	51.04984	17.11462	29.3264	2
1926.325	1927.701	1283.201	85.54198	170.7097	82.56305	81.31461	43.07639	3.160047	53.76356	35.77502	17.98855	28.57655	2
1926.33	1927.706	1283.206	71.59908	128.0819	69.12693	67.48296	62.29216	1.192977	36.51487	24.11553	12.39933	30.67199	2
1926.335	1927.711	1283.211	67.82906	37.72328	67.48296	69.02805	71.15051	0	28.84949	21.72693	7.122557	30.6614	2
1926.34	1927.716	1283.216	69.47303	44.8279	68.36057	67.16158	73.85807	0	26.14193	20.34802	5.793917	31.31348	2
1926.345	1927.721	1283.221	70.77091	81.14554	70.53606	69.64608	57.07366	1.30734	41.619	18.9461	22.6729	30.70565	2
1926.35	1927.726	1283.226	74.94884	36.66904	74.84995	75.38146	62.93953	0	37.06047	9.984115	27.07636	31.95211	2
1926.355	1927.731	1283.231	77.90305	43.86534	77.75472	76.13547	58.86333	0.625383	40.51129	24.12867	16.38262	32.35958	2
1926.36	1927.736	1283.236	76.08603	59.35801	77.37154	77.26029	45.67347	4.219675	50.10686	16.91636	33.1905	29.96747	2
1926.365	1927.741	1283.241	73.28014	117.7687	69.44831	66.82784	73.77889	0	26.22111	17.4335	8.787608	31.68542	2
1926.37	1927.746	1283.246	75.39382	31.76456	74.81287	73.74985	67.45305	0	32.54695	21.08255	11.46439	31.72825	2
1926.375	1927.751	1283.251	83.95981	47.19611	82.77318	80.44936	60.5319	0	39.4681	12.57155	26.89655	32.82539	2
1926.38	1927.756	1283.256	93.52702	70.72542	93.42813	91.62346	37.60596	9.387854	53.00619	26.67789	26.3283	29.96762	2
1926.385	1927.761	1283.261	90.98071	323.864	91.42569	82.87207	0	27.34748	72.65252	72.65252	0	-9999	2
1926.39	1927.766	1283.266	79.64592	206.0953	73.49027	72.95876	64.55694	0	35.44306	11.22973	24.21333	29.23394	2
1926.395	1927.771	1283.271	74.83759	38.60945	75.41855	77.29738	57.30353	0.892938	41.80353	12.25863	29.54489	31.39888	2
1926.4	1927.776	1283.276	71.05521	36.37875	70.63494	71.40131	69.08261	0	30.91739	13.49122	17.42617	31.03876	2
1926.405	1927.781	1283.281	72.68682	60.84005	73.72513	75.10953	50.35799	2.580501	47.06151	14.6698	32.39171	29.97863	2
1926.41	1927.786	1283.286	77.48279	232.9401	72.11823	69.12693	53.91965	3.1994	42.88095	23.67763	19.20332	27.81606	2
1926.415	1927.791	1283.291	84.80034	120.0147	82.81026	77.77945	48.36323	2.533985	49.10279	24.98398	24.11881	30.55648	8
1926.42	1927.796	1283.296	99.16351	77.58558	99.52197	100.9311	27.21578	16.96474	55.81947	25.96513	29.85434	28.67645	8
1926.425	1927.801	1283.301	101.2525	128.1889	102.4391	102.5998	6.629635	28.79565	64.57471	55.35432	9.220395	-9999	8
1926.43	1927.806	1283.306	89.62103	371.7783	87.21068	84.10814	0	18.66479	81.33521	81.33521	0	-9999	8
1926.435	1927.811	1283.311	76.6917	223.5284	71.69797	70.75855	54.05122	3.3475	42.60128	27.01228	15.589	27.5659	8
1926.44	1927.816	1283.316	79.43578	58.76214	78.45929	76.96364	60.2665	0.120193	39.61331	24.95967	14.65364	32.39756	8
1926.445	1927.821	1283.321	95.55418	88.64741	93.77423	90.11546	44.43206	3.19216	52.37578	24.12385	28.25193	31.10425	8
1926.45	1927.826	1283.326	100.9558	141.6342	99.78155	96.44415	21.94577	12.40373	65.65051	42.93888	22.71163	29.64515	8
1926.455	1927.831	1283.331	90.69641	342.718	86.97583	83.65079	2.456033	11.98019	85.56377	85.56377	0	-9999	8
1926.46	1927.836	1283.336	82.85971	280.6557	77.53223	72.8846	37.13833	5.106807	57.75487	21.31543	36.43944	26.53864	8
1926.465	1927.841	1283.341	79.23801	114.163	77.49515	75.08481	52.98078	2.091521	44.9277	20.70792	24.21977	30.29317	8
1926.47	1927.846	1283.346	84.88687	110.4349	83.4283	78.78066	46.48272	3.458132	50.05915	23.4577	26.60145	30.43255	8
1926.475	1927.851	1283.351	97.75439	193.6737	97.98924	90.18962	1.37682	22.69473	75.92845	75.92845	0	-9999	8
1926.48	1927.856	1283.356	100.8817	109.2737	99.46017	102.1672	31.76113	8.529873	59.70899	36.01355	23.69544	28.92955	8
1926.485	1927.861	1283.361	98.73088	190.0832	100.3378	97.86563	0	32.52114	67.47886	67.47886	0	-9999	8

1926.49	1927.866	1283.366	88.87938	260.6405	87.65567	74.60274	4.639738	15.33961	80.02065	80.02065	0	-9999	8
1926.495	1927.871	1283.371	87.50734	242.4435	85.05992	81.33934	19.78946	9.657467	70.55307	54.33507	16.218	27.99887	8
1926.5	1927.876	1283.376	88.23662	195.1557	89.33673	86.20946	3.068812	19.50667	77.42452	77.42452	0	-9999	8
1926.505	1927.88	1283.38	95.36877	173.2918	95.5789	92.3033	8.695597	19.20245	72.10196	54.50515	17.59681	29.97628	8
1926.51	1927.885	1283.385	102.2537	149.7625	102.674	100.0535	6.427029	25.61339	67.95958	53.86001	14.09957	-9999	8
1926.515	1927.89	1283.39	106.7283	99.18976	107.507	106.7406	11.77094	31.61557	56.6135	43.65303	12.96047	28.4373	8
1926.52	1927.895	1283.395	106.5676	60.82477	106.2833	105.4304	29.44152	18.57986	51.97862	38.11023	13.86839	29.0495	8
1926.525	1927.9	1283.4	104.9113	58.85381	105.0967	105.2944	27.80209	20.74089	51.45701	20.25036	31.20665	28.65883	8
1926.53	1927.905	1283.405	103.3291	157.9519	104.1943	103.5392	0.007192	31.16191	68.8309	68.8309	0	-9999	8
1926.535	1927.91	1283.41	102.6369	165.8969	102.7976	103.6134	4.18169	25.11012	70.70819	70.70819	0	-9999	8
1926.54	1927.915	1283.415	103.1684	117.4632	103.4527	104.219	14.4557	23.42859	62.11571	50.87032	11.24539	28.66466	8
1926.545	1927.92	1283.42	109.7072	56.3481	109.3858	109.9421	27.92381	21.69344	50.38275	32.79043	17.59232	28.44135	8
1926.55	1927.925	1283.425	112.5131	39.84703	111.9939	109.4724	30.86839	22.01267	47.11894	16.90983	30.20911	29.0003	8
1926.555	1927.93	1283.43	111.4006	25.13357	111.5242	111.3017	30.47113	27.20809	42.32078	21.05011	21.27066	28.04648	8
1926.56	1927.935	1283.435	107.8037	35.24812	108.125	110.5107	29.7999	24.38721	45.81289	25.9423	19.8706	27.94576	8
1926.565	1927.94	1283.44	108.4464	95.76732	109.6825	109.4229	7.474036	39.33603	53.18993	52.33591	0.854029	-9999	8
1926.57	1927.945	1283.445	108.9038	112.3906	110.0657	110.795	3.605213	40.56624	55.82855	55.82855	0	-9999	8
1926.575	1927.95	1283.45	109.8185	104.3845	108.2734	106.7283	25.68042	12.07944	62.24015	39.43652	22.80363	29.70272	8
1926.58	1927.955	1283.455	111.8333	86.98203	109.6083	106.172	33.30697	4.670007	62.02302	33.34022	28.6828	31.04892	8
1926.585	1927.96	1283.46	109.8679	70.14482	109.9544	109.7567	21.27591	27.35816	51.36593	28.23003	23.1359	28.05497	8
1926.59	1927.965	1283.465	108.0385	34.43834	108.2116	107.8902	30.92935	23.15791	45.91275	19.07791	26.83484	28.59126	8
1926.595	1927.97	1283.47	108.5329	39.74008	108.2981	107.9396	32.35271	19.98666	47.66063	34.41879	13.24184	28.94046	8
1926.6	1927.975	1283.475	112.5749	44.06397	112.8221	113.9717	23.8517	32.10612	44.04219	26.56597	17.47622	27.14516	8
1926.605	1927.98	1283.48	106.7777	56.22587	106.6418	105.418	29.21159	19.91002	50.87839	20.82562	30.05277	29.00032	8
1926.61	1927.985	1283.485	111.7962	95.41591	110.795	108.0756	21.81632	19.09922	59.08446	42.31496	16.7695	29.30281	8
1926.615	1927.99	1283.49	111.1287	47.10444	111.0916	108.9532	26.64971	26.32487	47.02542	29.8012	17.22422	28.42291	8
1926.62	1927.995	1283.495	109.3858	59.05244	110.5848	111.3017	15.78216	38.39411	45.82373	36.46736	9.35637	27.06344	8
1926.625	1928	1283.5	104.8124	84.46103	105.5416	107.9149	17.48111	27.1692	55.34968	45.11646	10.23323	27.90083	8
1926.63	1928.005	1283.505	100.6962	109.014	101.0053	97.60606	18.58318	20.30285	61.11397	39.53464	21.57933	29.42581	8
1926.635	1928.01	1283.51	93.57646	126.9054	92.13025	90.511	34.40663	6.805377	58.78799	28.51936	30.26863	29.33894	8
1926.64	1928.015	1283.515	92.77301	216.3015	92.06845	86.37015	7.764215	15.9299	76.30589	60.16006	16.14583	-9999	3
1926.645	1928.02	1283.52	93.25508	174.728	91.10431	87.13652	28.5896	6.802755	64.60765	31.89084	32.71681	29.15328	3
1926.65	1928.025	1283.525	85.66559	97.12713	84.07106	81.96973	50.04053	2.299732	47.65974	30.04779	17.61195	30.65791	3
1926.655	1928.03	1283.53	87.75456	79.54127	87.24777	84.29355	43.94445	5.336778	50.71878	29.03436	21.68442	30.47151	3
1926.66	1928.035	1283.535	86.90167	98.93002	85.46782	80.30103	47.2217	3.187288	49.59101	21.33803	28.25298	30.93546	3
1926.665	1928.04	1283.54	91.10431	182.5354	89.79408	82.43944	22.1648	10.38909	67.44611	41.62665	25.81947	29.58741	3
1926.67	1928.045	1283.545	93.65062	137.2339	92.11789	88.54564	32.50949	7.127427	60.36309	38.02892	22.33416	29.52896	3
1926.675	1928.05	1283.55	87.90288	170.9541	87.49498	85.27005	20.9197	11.92604	67.15425	46.78814	20.36611	28.63263	3
1926.68	1928.055	1283.555	88.07593	231.3053	87.74219	88.11302	5.580749	16.34584	78.07341	70.77479	7.298619	-9999	3
1926.685	1928.06	1283.56	86.81514	219.9226	82.51361	81.1292	40.2457	2.572632	57.18167	27.07962	30.10205	27.7471	3
1926.69	1928.065	1283.565	81.01796	56.59256	80.30103	78.63234	57.32423	0.971799	41.70397	24.26245	17.44153	32.0413	3
1926.695	1928.07	1283.57	86.49376	44.52233	86.09822	86.39488	52.7168	2.86335	44.41985	13.35969	31.06016	31.41756	3
1926.7	1928.075	1283.575	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1927	1928.374	1283.874	131.7093	53.96461	130.5227	129.2866	14.96438	45.71778	39.31784	24.8132	14.50464	24.34241	-9999
1927.005	1928.379	1283.879	132.5993	75.38544	132.9083	135.1209	0	100	0	0	0	-9999	-9999
1927.01	1928.384	1283.884	124.8491	104.736	126.4931	131.4621	0	100	0	0	0	-9999	-9999
1927.015	1928.389	1283.889	110.7579	258.914	109.9792	103.7617	0	31.57268	68.42732	68.42732	0	-9999	-9999
1927.02	1928.394	1283.894	104.5528	457.9811	107.8284	91.47514	0	76.0917	23.9083	23.9083	0	-9999	-9999
1927.025	1928.399	1283.899	114.8987	223.7117	119.7441	120.9802	0	100	0	0	0	-9999	-9999
1927.03	1928.404	1283.904	123.8355	55.43137	123.5636	122.2657	14.76443	49.3059	35.92968	14.12412	21.80556	24.98383	-9999
1927.035	1928.409	1283.909	126.3571	69.45728	125.2076	122.7478	15.85179	35.89627	48.25194	34.60159	13.65035	26.68758	-9999
1927.04	1928.414	1283.914	124.9851	56.2717	125.6773	123.6007	6.031419	75.68272	18.28586	18.28586	0	-9999	-9999
1927.045	1928.419	1283.919	91.78415	152.5279	91.03015	85.93753	24.49035	10.95977	64.54988	36.9036	27.64628	29.42768	-9999
1927.05	1928.424	1283.924	100.894	173.3071	102.3155	105.4304	0	33.12695	66.87305	66.87305	0	-9999	-9999
1927.055	1928.429	1283.929	103.5763	165.7899	102.8099	99.6703	10.52798	18.71774	70.75428	48.25433	22.49995	29.96431	-9999
1927.06	1928.434	1283.934	107.7295	141.6495	109.1757	110.3994	0	43.24685	56.75315	56.75315	0	-9999	-9999
1927.065	1928.439	1283.939	106.5923	214.4986	109.1263	110.9804	0	57.24237	42.75763	42.75763	0	-9999	-9999
1927.07	1928.444	1283.944	98.43423	225.6827	94.52824	86.45668	25.09673	1.625514	73.27775	43.60211	29.67564	30.24405	-9999
1927.075	1928.449	1283.949	98.39715	275.8887	97.23524	86.0735	0	20.23705	79.76295	79.76295	0	-9999	-9999
1927.08	1928.454	1283.954	98.24882	198.2115	99.0399	94.09561	0	27.00389	72.99611	72.99611	0	-9999	-9999
1927.085	1928.459	1283.959	103.6505	159.5715	105.7518	107.0126	0	42.61909	57.38091	57.38091	0	-9999	-9999
1927.09	1928.463	1283.963	109.6825	165.4843	110.7826	115.01	0	45.05419	54.94581	54.94581	0	-9999	-9999
1927.095	1928.468	1283.968	113.3289	93.0477	113.2918	113.8481	13.50725	33.04793	53.44482	42.05017	11.39465	27.61647	-9999
1927.1	1928.473	1283.973	110.968	159.7395	111.7591	113.7492	0	43.62772	56.37228	56.37228	0	-9999	-9999
1927.105	1928.478	1283.978	104.7506	359.9219	102.0806	105.2821	0	17.66458	82.33542	82.33542	0	-9999	-9999
1927.11	1928.483	1283.983	93.88548	318.4248	90.80766	80.47408	0.41968	12.51651	87.06381	87.06381	0	-9999	-9999
1927.115	1928.488	1283.988	84.49132	211.4276	81.71016	76.84003	32.65653	6.464287	60.87918	42.93644	17.94274	27.98104	-9999
1927.12	1928.493	1283.993	90.94362	427.4846	82.93387	77.35918	14.95617	3.780035	81.26379	51.06958	30.19421	26.53514	-9999
1927.125	1928.498	1283.998	87.44554	351.9923	80.90671	76.20963	25.04389	5.142988	69.81312	45.69491	24.11821	26.09791	-9999
1927.13	1928.503	1284.003	93.8484	112.4823	91.9572	91.06723	41.0955	3.866891	55.03761	32.60821	22.4294	29.88132	-9999
1927.135	1928.508	1284.008	93.26744	111.9934	92.03137	90.12782	36.67113	6.65916	56.66972	26.57085	30.09887	29.62598	-9999
1927.14	1928.513	1284.013	89.91768	121.5579	89.71991	80.70894	29.39146	10.33236	60.27619	29.45012	30.82607	30.35244	-9999
1927.145	1928.518	1284.018	82.61249	37.58577	82.51361	81.38878	55.66712	1.845789	42.48709	13.70748	28.77961	32.07175	-9999

1927.15	1928.523	1284.023	83.67551	58.74686	82.98331	80.44936	54.16634	1.921215	43.91244	27.6174	16.29504	31.80042	-9999
1927.155	1928.528	1284.028	83.13164	58.27322	82.30347	80.80782	55.83508	1.345827	42.81909	22.78208	20.03701	31.85586	-9999
1927.16	1928.533	1284.033	82.30347	70.52679	80.57297	77.09961	60.62471	0	39.37529	23.14367	16.23161	32.22988	-9999
1927.165	1928.538	1284.038	90.20198	75.93548	90.21434	87.90288	38.542	8.270811	53.18719	23.56635	29.62084	29.99534	-9999
1927.17	1928.543	1284.043	91.05487	209.9914	88.70633	81.15393	23.61278	8.099844	68.28738	48.15563	20.13174	29.28299	-9999
1927.175	1928.548	1284.048	91.28972	202.7951	91.62346	84.28119	4.35056	18.88542	76.76402	74.82052	1.943506	-9999	-9999
1927.18	1928.553	1284.053	94.73837	128.3875	94.03381	91.04251	27.23128	10.95906	61.80966	32.10812	29.70154	29.35855	-9999
1927.185	1928.558	1284.058	100.7333	92.83379	101.3266	103.7123	20.26137	21.30442	58.43421	39.91381	18.5204	28.26779	-9999
1927.19	1928.563	1284.063	98.71852	94.14777	99.34892	100.4367	21.50962	19.42961	59.06077	44.51168	14.54909	28.59179	-9999
1927.195	1928.568	1284.068	93.89784	263.4671	95.36877	95.12155	0	30.79293	69.20707	69.20707	0	-9999	-9999
1927.2	1928.573	1284.073	81.99445	97.41742	83.18108	79.81897	31.7937	9.32018	58.88612	24.94812	33.93799	29.41794	-9999
1927.205	1928.578	1284.078	78.21207	66.921	76.37032	74.14539	66.12357	0	33.87643	12.38028	21.49615	31.49939	-9999
1927.21	1928.583	1284.083	84.71382	47.27251	84.02161	82.84735	55.9879	1.464059	42.54804	26.89777	15.65027	32.09474	-9999
1927.215	1928.588	1284.088	89.38617	138.1201	92.22914	93.77423	2.306663	24.21416	73.47917	73.47917	0	-9999	-9999
1927.22	1928.593	1284.093	85.02283	143.269	82.24167	75.07245	48.66192	1.868779	49.4693	32.73296	16.73635	30.61925	-9999
1927.225	1928.598	1284.098	76.61754	61.4512	76.4074	75.40618	56.2692	1.330177	42.40062	30.63962	11.761	31.38208	-9999
1927.23	1928.603	1284.103	77.70528	88.46407	77.33446	75.06008	49.97671	3.089328	46.93396	27.94641	18.98755	30.28713	-9999
1927.235	1928.608	1284.108	80.48645	98.05913	79.96729	79.44814	46.24558	4.128063	49.62636	22.67945	26.94691	29.55342	-9999
1927.24	1928.613	1284.113	78.85483	102.4594	79.18857	75.43091	40.0719	6.002754	53.92535	26.85004	27.07531	29.53023	-9999
1927.245	1928.618	1284.118	82.08098	86.75284	82.01918	82.64957	43.97029	5.075597	50.95411	22.76537	28.18875	29.41912	-9999
1927.25	1928.623	1284.123	82.77318	84.52214	82.52597	81.27753	45.31023	4.649624	50.04015	30.22921	19.81094	29.96023	-9999
1927.255	1928.628	1284.128	78.37276	56.24114	77.96486	80.23923	57.44796	1.003954	41.54809	13.29188	28.2562	31.17436	-9999
1927.26	1928.633	1284.133	79.07732	126.8902	77.75472	74.34316	46.79158	3.863061	49.34536	16.70781	32.63755	29.49808	-9999
1927.265	1928.638	1284.138	74.44205	82.96371	73.9229	73.03292	55.45952	1.672221	42.86826	21.70832	21.15994	30.65347	-9999
1927.27	1928.643	1284.143	76.74114	41.61936	76.2838	75.08481	62.8707	0	37.1293	20.95772	16.17158	32.32108	-9999
1927.275	1928.648	1284.148	76.67934	87.40983	76.23435	73.83637	51.75047	2.608	45.64153	25.5755	20.06603	30.48045	-9999
1927.28	1928.653	1284.153	70.28884	50.02269	70.41245	69.39887	62.27082	0	37.72918	23.17385	14.55533	31.8203	-9999
1927.285	1928.658	1284.158	69.88094	38.27331	69.86858	69.17638	66.54319	0	33.45681	10.7758	22.68101	31.35539	-9999
1927.29	1928.663	1284.163	70.02927	49.04484	70.18996	70.41245	62.45888	0	37.54112	10.18976	27.35136	31.54479	-9999
1927.295	1928.668	1284.168	72.09351	66.79877	71.57436	69.90566	61.53209	0.129914	38.338	16.98458	21.35342	31.99487	-9999
1927.3	1928.673	1284.173	89.8188	51.35194	89.10188	87.33429	50.49569	3.465832	46.03848	16.38563	29.65285	31.53335	-9999
1927.305	1928.678	1284.178	90.1649	102.0469	90.59752	94.78781	29.0001	11.78313	59.21678	33.49158	25.72519	28.09873	-9999
1927.31	1928.683	1284.183	77.85361	123.208	74.52857	72.15531	64.32738	0	35.67262	10.19142	25.48119	31.07755	-9999
1927.315	1928.688	1284.188	77.68056	91.48926	76.50629	75.64104	55.49407	1.562021	42.94391	11.62972	31.31419	30.69501	-9999
1927.32	1928.693	1284.193	69.33707	95.61453	68.47181	65.44344	59.77688	1.117173	39.10595	15.86052	23.24543	31.07803	-9999
1927.325	1928.698	1284.198	67.70545	44.6904	67.50768	66.4941	68.42864	0	31.57136	18.49734	13.07402	31.21652	-9999
1927.33	1928.703	1284.203	82.84735	49.56432	82.69902	82.71138	52.93542	2.598687	44.46589	27.31943	17.14646	31.24204	-9999
1927.335	1928.708	1284.208	82.08098	221.0074	81.48766	80.30103	15.59991	12.68369	71.71641	40.13601	31.5804	27.81442	-9999
1927.34	1928.713	1284.213	69.81913	90.54198	69.37415	67.98975	57.30388	1.45241	41.24371	25.44905	15.79466	30.54052	-9999
1927.345	1928.718	1284.218	64.55346	54.05628	63.62641	59.97999	74.71387	0	25.28613	9.575559	15.71057	31.83102	-9999
1927.35	1928.723	1284.223	62.82296	30.02278	62.06896	61.05538	80.7809	0	19.2191	13.87862	5.340485	31.30255	-9999
1927.355	1928.728	1284.228	71.35187	50.57272	70.32592	67.30991	70.06873	0	29.93127	15.96311	13.96816	31.73673	-9999
1927.36	1928.733	1284.233	82.34056	41.17628	82.22931	82.34056	55.14419	1.954805	42.901	17.23804	25.66297	31.68234	-9999
1927.365	1928.738	1284.238	78.02666	109.289	78.69414	72.55086	36.59456	6.953299	56.45214	33.25714	23.195	29.6697	-9999
1927.37	1928.743	1284.243	70.54842	72.75749	68.94152	66.48174	69.94158	0	30.05842	7.049203	23.00922	31.7712	-9999
1927.375	1928.748	1284.248	79.44814	63.77358	79.80661	80.80782	48.69643	3.666162	47.63741	14.51171	33.1257	30.09922	8
1927.38	1928.753	1284.253	90.05365	33.52162	90.1649	89.83116	48.17625	5.736465	46.08729	19.67087	26.41642	31.1058	8
1927.385	1928.757	1284.257	92.43927	48.37258	92.46399	92.51344	43.05811	7.787224	49.15466	25.61737	23.53729	30.29798	8
1927.39	1928.762	1284.262	87.77928	94.74364	85.80156	82.52597	51.64241	1.260341	47.09725	30.74001	16.35724	31.30965	8
1927.395	1928.767	1284.267	83.62607	45.63768	83.18108	82.31583	55.46834	1.743511	42.78815	19.85486	22.93329	31.91033	8
1927.4	1928.772	1284.272	87.02527	34.69808	86.91403	87.13652	52.40197	3.411422	44.1866	29.16928	15.01732	31.52783	8
1927.405	1928.777	1284.277	82.92151	90.26696	82.31583	82.34056	46.56159	4.071396	49.36701	27.29327	22.07374	29.7633	8
1927.41	1928.782	1284.282	76.61754	74.68262	75.25786	75.23313	61.9762	0	38.0238	7.967012	30.05679	31.75755	8
1927.415	1928.787	1284.287	75.72756	45.10292	76.6917	78.10082	51.94367	2.423447	45.63288	32.62476	13.00812	30.6134	8
1927.42	1928.792	1284.292	80.28867	80.54966	80.10326	76.6917	48.07834	3.725689	48.19597	24.69218	23.5038	30.58046	8
1927.425	1928.797	1284.297	78.61998	127.1499	75.75229	73.51499	59.12394	0.550738	40.32532	13.15849	27.16683	30.88347	8
1927.43	1928.802	1284.302	84.1823	31.59649	83.74968	84.30591	58.25878	1.020993	40.72023	25.82268	14.89755	32.39793	8
1927.435	1928.807	1284.307	84.55313	77.99811	84.51604	88.19954	43.62297	5.51217	50.86486	23.65035	27.21451	29.07665	8
1927.44	1928.812	1284.312	72.41489	50.48105	71.47547	70.12815	68.44236	0	31.55764	5.926033	25.63161	31.51759	8
1927.445	1928.817	1284.317	84.21939	45.60712	83.91037	85.02283	53.87613	2.35499	43.76888	32.36764	11.40124	31.31506	8
1927.45	1928.822	1284.322	88.89174	126.9513	89.08951	89.89296	25.96466	11.73624	62.2991	44.65097	17.64813	28.44283	8
1927.455	1928.827	1284.327	75.83881	159.7548	72.51377	68.5707	57.33667	1.958355	40.70498	20.86286	19.84212	29.92131	8
1927.46	1928.832	1284.332	68.79319	43.77367	67.85378	65.01081	73.3975	0	26.6025	6.315308	20.28719	31.58331	8
1927.465	1928.837	1284.337	85.04756	70.57263	84.45424	85.88809	49.27586	3.451244	47.27289	19.19267	28.08022	30.25473	8
1927.47	1928.842	1284.342	89.44798	113.399	87.49498	84.73854	45.40102	2.858951	51.74003	29.24019	22.49984	30.28983	8
1927.475	1928.847	1284.347	70.96868	57.32594	71.31478	68.5707	58.15366	0.667065	41.17928	15.50519	25.67409	31.76512	8
1927.48	1928.852	1284.352	79.95493	49.85462	79.83133	79.18857	55.3346	1.703052	42.96235	14.33067	28.63168	31.5773	8
1927.485	1928.857	1284.357	84.65201	81.72613	83.79912	81.73488	48.95233	3.281422	47.76625	17.33264	30.43361	30.66611	8
1927.49	1928.862	1284.362	86.43196	137.0811	87.93997	86.50612	15.6219	15.85491	68.52319	42.22269	26.3005	29.22189	8
1927.495	1928.867	1284.367	95.46765	88.90715	96.70373	100.4737	21.07466	19.36081	59.56452	38.33946	21.22506	28.17776	8
1927.5	1928.872	1284.372	97.49481	67.83773	98.60728	101.8952	25.26643	19.42929	55.30428	37.88554	17.41874	28.24438	8
1927.505	1928.877	1284.377	107.9025	46.64608	108.4217	108.3228	25.41789	27.34788	47.23423	34.04572	13.18851	28.04549	8
1927.51	1928.882	1284.382	103.0201	53.23123	103.2055	105.1955	30.90265	18.12662	50.97073	26.56541	24.40532	28.62997	8

1927.515	1928.887	1284.387	85.94989	52.08532	85.81392	87.42082	49.37521	4.027385	46.59741	21.16478	25.43263	30.54602	8
1927.52	1928.892	1284.392	91.99429	39.46506	92.29094	92.94606	43.51562	8.161854	48.32253	22.86698	25.45555	30.29226	8
1927.525	1928.897	1284.397	83.98453	38.2122	83.84856	83.09456	54.54063	2.294313	43.16506	12.30332	30.86173	31.86885	8
1927.53	1928.902	1284.402	81.53711	36.36347	81.1292	79.42342	59.34716	0.554915	40.09793	17.32399	22.77393	32.79607	8
1927.535	1928.907	1284.407	81.92029	35.9051	82.05626	83.40358	54.89055	2.132189	42.97727	25.8126	17.16467	31.47975	8
1927.54	1928.912	1284.412	89.00299	23.23901	88.96591	89.02771	52.7808	3.871052	43.34815	26.9727	16.37545	31.83067	8
1927.545	1928.917	1284.417	87.04999	59.60247	88.16246	88.9041	36.8686	9.577696	53.55371	29.30118	24.25252	29.42191	8
1927.55	1928.922	1284.422	92.03137	45.60712	92.40219	94.99794	41.42035	8.946392	49.63326	17.21453	32.41873	29.64743	8
1927.555	1928.927	1284.427	95.14627	78.38008	94.51588	95.18336	38.38303	8.178981	53.43799	27.23718	26.2008	29.5955	8
1927.56	1928.932	1284.432	104.8	110.6488	105.7271	106.4563	9.622303	30.70379	59.67391	55.65202	4.021891	28.51249	8
1927.565	1928.937	1284.437	104.7135	112.2225	104.4539	101.0918	18.51745	20.26967	61.21288	30.80603	30.40685	29.4068	8
1927.57	1928.942	1284.442	107.4328	90.96978	107.8037	109.8555	16.27323	28.09411	55.63266	41.40187	14.23079	27.8554	8
1927.575	1928.947	1284.447	105.2697	107.5778	104.9483	101.9941	19.60872	19.99974	60.39153	39.91962	20.47191	29.31326	8
1927.58	1928.952	1284.452	104.4663	106.0041	105.6653	106.1226	8.945867	32.3158	58.73833	42.52246	16.21587	28.52445	8
1927.585	1928.957	1284.457	103.7864	98.34943	104.7135	98.86685	13.53125	28.33006	58.13869	31.63376	26.50493	29.60006	8
1927.59	1928.962	1284.462	101.2525	146.6303	102.3155	93.87312	3.124755	29.09214	67.78311	67.78311	0	-9999	8
1927.595	1928.967	1284.467	95.30696	200.9005	93.5023	87.44554	17.68584	10.58349	71.73067	48.4993	23.23137	29.7167	8
1927.6	1928.972	1284.472	99.58378	133.8267	98.12521	97.68022	27.30075	9.381812	63.31744	28.92109	34.39635	29.16921	8
1927.605	1928.977	1284.477	101.3143	110.603	100.1647	97.12399	28.93394	10.67492	60.39115	25.28925	35.10189	29.79001	8
1927.61	1928.982	1284.482	101.8334	125.8207	102.2413	100.9311	12.70339	23.41435	63.88226	46.95544	16.92683	29.17857	8
1927.615	1928.987	1284.487	102.8099	113.506	103.9224	105.2697	9.324814	29.46788	61.2073	40.0035	21.2038	28.59822	8
1927.62	1928.992	1284.492	95.925	95.30895	94.82489	91.27736	37.21005	7.254531	55.53542	22.70915	32.82627	30.23508	8
1927.625	1928.997	1284.497	91.00543	76.80637	90.42447	87.44554	42.19026	6.244891	51.56485	36.87807	14.68678	30.47643	8
1927.63	1929.002	1284.502	101.8952	46.79887	101.4379	100.6097	38.4755	11.67872	49.84578	23.2668	26.57899	30.06818	8
1927.635	1929.007	1284.507	106.3204	38.57889	105.999	106.5181	35.33985	16.46088	48.19926	32.26068	15.93859	29.27323	8
1927.64	1929.012	1284.512	106.3698	66.09595	107.9767	109.7567	13.69111	37.03181	49.27708	35.83433	13.44276	27.33989	8
1927.645	1929.017	1284.517	100.8693	291.1064	106.8519	114.1571	0	80.17671	19.82329	19.82329	0	-9999	8
1927.65	1929.022	1284.522	86.91403	298.6235	83.60135	86.91403	13.44544	10.75868	75.79588	45.32615	30.46972	26.37929	8
1927.655	1929.027	1284.527	79.36162	93.29216	80.58533	83.67551	34.92684	7.812044	57.26112	36.58513	20.67599	28.26597	8
1927.66	1929.032	1284.532	76.85239	49.33514	78.00194	79.43578	48.4477	3.554549	47.99775	18.36559	29.63217	30.15955	8
1927.665	1929.037	1284.537	78.86719	73.47559	78.3604	78.9908	53.58871	2.068752	44.34253	25.80638	18.53616	30.57328	8
1927.67	1929.042	1284.542	81.66072	104.6901	79.62119	78.11319	55.34342	1.024377	43.6322	25.55931	18.0729	30.84747	8
1927.675	1929.047	1284.547	84.13286	230.6941	82.81026	77.12433	17.01993	11.81831	71.16176	42.5282	28.63356	28.4698	8
1927.68	1929.051	1284.551	93.79895	156.6074	94.98558	97.68022	6.609595	21.95832	71.43209	64.6792	6.752886	-9999	8
1927.685	1929.056	1284.556	100.8817	95.50758	101.0547	100.7704	22.73491	18.60652	58.65857	40.10678	18.5518	28.84438	8
1927.69	1929.061	1284.561	101.3143	85.97363	100.7457	102.1177	30.39185	13.06124	56.54691	35.38323	21.16368	28.95714	8
1927.695	1929.066	1284.566	103.5145	66.73766	102.7605	101.0423	34.45969	12.08044	53.45987	21.68325	31.77662	29.88734	8
1927.7	1929.071	1284.571	97.66786	293.5051	103.4403	106.8148	0	68.4932	31.5068	31.5068	0	-9999	8
1927.705	1929.076	1284.576	86.72861	597.0942	79.83133	69.73261	0	21.16238	78.83762	78.83762	0	-9999	8
1927.71	1929.081	1284.581	79.41106	174.3002	76.29616	75.91297	48.90169	3.214102	47.88421	22.59661	25.2876	28.22393	8
1927.715	1929.086	1284.586	84.94867	27.80736	84.08342	82.43944	61.82354	0	38.17646	14.43199	23.74447	33.1959	8
1927.72	1929.091	1284.591	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1928	1929.37	1284.87	113.0693	117.3104	113.8233	119.3609	1.743566	44.78408	53.47235	53.47235	0	-9999	8
1928.005	1929.375	1284.875	106.8642	61.42065	106.2338	105.1461	31.70668	15.70791	52.58541	21.74009	30.84532	29.4033	8
1928.01	1929.38	1284.88	99.74446	71.07683	99.90515	101.6109	29.78916	15.75932	54.45152	40.05959	14.39193	28.74718	8
1928.015	1929.385	1284.885	98.95338	69.39616	99.28712	96.87678	29.58254	16.04316	54.3743	26.64548	27.72882	29.49057	8
1928.02	1929.39	1284.89	97.23524	50.64912	97.45773	96.69136	36.56217	12.51487	50.92296	33.42875	17.49421	29.77346	8
1928.025	1929.395	1284.895	93.73715	52.66591	94.16978	95.50473	37.66382	10.97162	51.36456	34.44842	16.91614	29.47315	8
1928.03	1929.4	1284.9	101.6975	62.12347	102.093	103.0324	28.339	18.86596	52.79504	27.29823	25.49681	28.68672	8
1928.035	1929.405	1284.905	97.22288	170.4041	99.75683	99.25004	0	35.27824	64.72176	64.72176	0	-9999	8
1928.04	1929.41	1284.91	93.29216	140.1674	95.62834	98.16229	2.145314	26.47944	71.37524	71.37524	0	-9999	2
1928.045	1929.415	1284.915	82.19223	153.7502	81.88321	81.45058	29.57049	8.953264	61.47625	44.3496	17.12665	27.96015	2
1928.05	1929.42	1284.92	80.61005	104.2012	79.38634	77.02544	50.10583	2.83397	47.0602	16.09711	30.96308	30.19899	2
1928.055	1929.425	1284.925	83.94745	109.8238	83.52719	78.74358	39.44804	6.257861	54.2941	22.54338	31.75071	29.80303	2
1928.06	1929.43	1284.93	84.93631	64.44584	84.51604	84.38008	49.51975	3.541781	46.93846	32.92388	14.01458	30.65641	2
1928.065	1929.435	1284.935	82.08098	57.18843	81.88321	81.10448	52.17863	2.704337	45.11703	31.75799	13.35905	31.10609	2
1928.07	1929.44	1284.94	95.59126	71.59631	95.60362	93.74951	34.63394	11.4247	53.94136	22.9122	31.02916	29.75283	2
1928.075	1929.445	1284.945	85.04756	69.13642	84.68909	83.76204	47.80331	4.094014	48.10268	22.37148	25.73119	30.52149	2
1928.08	1929.45	1284.95	92.35275	78.76205	92.85954	92.22914	32.04743	12.05493	55.89763	34.54988	21.34776	29.2867	4
1928.085	1929.455	1284.955	95.04739	77.79949	96.14749	98.76797	25.20311	17.40034	57.39655	27.29571	30.10084	28.44122	4
1928.09	1929.46	1284.96	95.10919	69.1517	94.63948	95.15863	39.40507	8.369821	52.22511	21.58334	30.64177	29.75987	4
1928.095	1929.465	1284.965	89.5345	98.10497	89.00299	89.46034	38.00607	7.23421	54.75972	37.48017	17.27955	29.18639	4
1928.1	1929.47	1284.97	86.20946	87.83764	86.38251	86.60501	38.08945	7.609206	54.30135	22.89249	31.40886	29.2173	4
1928.105	1929.475	1284.975	88.65689	79.69405	88.23662	86.74098	42.40675	6.041427	51.55182	32.54752	19.0043	30.0774	4
1928.11	1929.48	1284.98	85.097	79.83156	84.96103	85.19588	43.44528	5.544913	51.00981	27.96276	23.04705	29.68871	4
1928.115	1929.485	1284.985	85.07228	69.35033	85.36893	84.55313	42.65163	6.230165	51.11821	33.20059	17.91762	29.96006	4
1928.12	1929.49	1284.99	84.21939	105.7444	85.71503	88.06357	25.33676	12.1692	62.49404	34.08741	28.40663	28.34151	4
1928.125	1929.495	1284.995	79.79424	147.0734	80.06618	76.90183	28.89002	9.199373	61.9106	30.78678	31.12383	28.4747	2
1928.13	1929.5	1285	71.6856	118.7313	69.51012	68.47181	62.17631	1.000946	36.82275	24.93645	11.8863	30.75235	2
1928.135	1929.505	1285.005	70.63494	54.57576	69.01569	67.39643	74.35775	0	25.64225	19.27407	6.368179	31.43808	2
1928.14	1929.51	1285.01	77.71764	54.10212	77.14905	74.70162	59.81366	0.341148	39.84519	12.27925	27.56594	32.45337	2
1928.145	1929.515	1285.015	88.33551	64.88893	88.42204	88.73105	42.35764	6.81478	50.82758	23.61345	27.21413	29.89411	2
1928.15	1929.52	1285.02	93.55174	76.9286	95.52946	97.60606	19.98837	20.56727	59.44435	45.40815	14.0362	28.60271	2

1928.155	1929.525	1285.025	95.13391	86.46255	96.15985	96.70373	23.60182	17.65472	58.74345	30.75838	27.98508	28.78442	2
1928.16	1929.53	1285.03	90.95598	71.70326	91.28972	91.32681	36.38182	9.818334	53.79984	25.36212	28.43773	29.44825	2
1928.165	1929.535	1285.035	90.32559	76.11882	91.22792	91.88304	31.48662	12.17658	56.3368	25.36102	30.97578	29.03235	2
1928.17	1929.54	1285.04	77.59403	102.8414	76.01186	73.68804	55.98772	1.467644	42.54464	27.72869	14.81594	30.79266	2
1928.175	1929.545	1285.045	71.36423	52.26866	71.66088	72.6003	59.3968	0.339764	40.26344	26.79296	13.47048	31.41889	2
1928.18	1929.55	1285.05	76.93892	71.65742	76.976	77.33446	51.58771	2.632362	45.77992	32.40368	13.37624	30.27781	2
1928.185	1929.555	1285.055	83.0204	91.26008	82.47652	83.06984	45.75131	4.343093	49.9056	22.46749	27.43812	29.55802	2
1928.19	1929.56	1285.06	80.99324	99.4495	80.89435	79.7448	42.18581	5.453175	52.36102	27.8801	24.48092	29.32714	2
1928.195	1929.565	1285.065	87.12416	161.0688	85.14644	82.50124	36.19444	5.644957	58.1606	36.06807	22.09254	28.6964	2
1928.2	1929.57	1285.07	88.22426	105.1179	87.2354	84.31827	41.05879	5.496809	53.4444	26.2007	27.2437	29.88893	8
1928.205	1929.575	1285.075	87.22304	113.8268	86.20946	82.82262	40.06395	5.68753	54.24852	33.11754	21.13098	29.72037	8
1928.21	1929.58	1285.08	83.34177	98.54805	82.47652	86.93875	46.18264	4.016266	49.8011	18.38649	31.41461	28.7867	8
1928.215	1929.585	1285.085	84.89923	41.69576	84.91159	84.66437	51.70654	3.363924	44.92953	29.73877	15.19077	31.31487	8
1928.22	1929.59	1285.09	84.99811	36.4093	85.20824	85.99933	51.36216	3.689354	44.94849	25.90713	19.04136	31.15222	8
1928.225	1929.595	1285.095	84.7509	41.90966	84.8127	85.36893	51.40806	3.472613	45.11933	28.45269	16.66664	31.1131	8
1928.23	1929.6	1285.1	84.54077	74.6215	85.23297	85.02283	38.79953	7.610598	53.58987	21.62968	31.96018	29.46855	8
1928.235	1929.605	1285.105	80.99324	107.1042	80.01674	77.17377	47.13487	3.71967	49.14546	16.78283	32.36262	29.92909	8
1928.24	1929.61	1285.11	87.42082	54.89661	87.14888	87.09944	48.39537	4.377931	47.2267	32.54857	14.67812	30.74229	8
1928.245	1929.615	1285.115	89.31201	102.3372	89.95477	90.5728	28.08598	12.12611	59.78791	29.0013	30.78662	28.72289	8
1928.25	1929.62	1285.12	91.6111	89.8086	92.36511	93.57646	28.14057	13.40663	58.4528	40.28403	18.16877	28.7385	8
1928.255	1929.625	1285.125	92.45163	134.7587	93.86076	94.61476	11.41218	20.32937	68.25845	58.03182	10.22663	29.13281	8
1928.26	1929.63	1285.13	84.89923	184.2925	83.4901	81.48766	28.21463	8.593341	63.19203	37.14922	26.04281	27.94453	8
1928.265	1929.634	1285.134	84.92395	81.83308	83.25525	81.7596	54.99878	0.911986	44.08924	27.08871	17.00052	31.45334	8
1928.27	1929.639	1285.139	90.88182	82.8262	91.33917	92.36511	32.80034	11.0655	56.13416	23.1104	33.02376	28.96685	8
1928.275	1929.644	1285.144	91.51222	114.163	92.61232	93.65062	19.65551	16.5904	63.75409	42.32204	21.43205	28.69145	8
1928.28	1929.649	1285.149	90.07837	133.567	91.90776	94.55296	10.62693	19.98718	69.3859	52.82566	16.56023	28.92741	8
1928.285	1929.654	1285.154	90.64697	92.20736	92.14262	94.51588	22.69933	16.19474	61.10592	46.85309	14.25283	28.51804	8
1928.29	1929.659	1285.159	96.54304	58.34961	96.60484	96.14749	36.58082	11.52562	51.89355	35.25221	16.64135	29.70764	8
1928.295	1929.664	1285.164	92.9337	67.07379	92.95842	92.26622	38.07755	9.362978	52.55948	23.72208	28.8374	29.79336	8
1928.3	1929.669	1285.169	91.16612	79.20513	90.56044	87.03763	41.65352	6.374785	51.9717	34.3308	17.6409	30.50127	8
1928.305	1929.674	1285.174	89.06479	101.1607	90.01657	91.85832	26.20323	13.15235	60.64442	32.09507	28.54936	28.50462	8
1928.31	1929.679	1285.179	89.13896	88.5863	88.94119	86.53084	38.08701	7.720036	54.19296	35.30101	18.89195	29.80375	8
1928.315	1929.684	1285.184	92.64941	46.66136	92.40219	91.93248	45.38641	6.528348	48.08524	18.57364	29.5116	30.70454	8
1928.32	1929.689	1285.189	92.14262	67.66966	92.63704	92.90898	35.02091	11.09387	53.88522	31.05601	22.82922	29.35775	8
1928.325	1929.694	1285.194	90.53572	58.0746	90.54808	91.10431	42.55729	7.252741	50.18997	24.65163	25.53834	30.0079	8
1928.33	1929.699	1285.199	94.20686	60.18307	93.86076	93.57646	41.44767	7.865768	50.68656	36.09109	14.59547	30.14341	8
1928.335	1929.704	1285.204	96.3329	70.57263	95.6407	96.06097	39.65971	7.978463	52.36183	22.11936	30.24247	29.8504	8
1928.34	1929.709	1285.209	87.74219	77.46335	86.64209	88.12538	49.05686	3.087988	47.85515	33.07618	14.77897	30.27841	8
1928.345	1929.714	1285.214	79.76952	83.48319	79.60883	80.47408	47.65445	3.823282	48.52227	25.28703	23.23524	29.65602	8
1928.35	1929.719	1285.219	81.73488	71.91716	81.78432	80.7213	47.01678	4.254285	48.72894	21.91378	26.81516	30.249	8
1928.355	1929.724	1285.224	85.01047	63.62079	84.92395	83.32941	47.0647	4.573776	48.36152	25.60267	22.75885	30.63324	8
1928.36	1929.729	1285.229	86.25891	95.30895	87.44554	88.13774	28.38065	11.7314	59.88795	42.17646	17.71149	28.75048	8
1928.365	1929.734	1285.234	83.8362	96.48542	84.16994	84.1823	36.93474	7.603854	55.46141	25.36007	30.10134	28.98387	8
1928.37	1929.739	1285.239	84.92395	85.72917	85.12172	85.31949	39.59078	6.944245	53.46498	25.45999	28.00498	29.29607	8
1928.375	1929.744	1285.244	85.96225	55.3397	86.44432	88.19954	43.78649	6.3573	49.85621	21.10764	28.74857	29.80937	8
1928.38	1929.749	1285.249	84.80034	120.9773	86.32071	88.97827	20.92432	13.66644	65.40925	38.78089	26.62835	28.27154	8
1928.385	1929.754	1285.254	86.29599	103.0095	86.06114	87.61859	37.49952	7.276972	55.22351	25.83521	29.3883	28.73493	8
1928.39	1929.759	1285.259	83.32941	104.247	83.67551	83.39122	35.42688	7.937508	56.63561	30.52883	26.10678	28.84216	8
1928.395	1929.764	1285.264	81.94501	105.0721	82.71138	83.50246	33.24381	8.591459	58.16473	24.54123	33.6235	28.53107	8
1928.4	1929.769	1285.269	79.34926	103.0858	78.81775	78.48401	46.17112	4.133655	49.69522	31.89716	17.79807	29.34	8
1928.405	1929.774	1285.274	84.00925	90.67949	84.38008	86.01169	37.89318	7.406531	54.70029	38.32192	16.37837	28.82453	8
1928.41	1929.779	1285.279	82.41472	205.9883	87.24777	87.30957	0	28.87881	71.12119	71.12119	0	-9999	8
1928.415	1929.784	1285.284	83.10692	181.3743	82.72374	78.17499	22.61873	10.91221	66.46906	45.38817	21.08089	28.55609	2
1928.42	1929.789	1285.289	76.56809	147.4096	76.61754	77.17377	33.50106	7.665315	58.83363	33.24271	25.59091	27.56356	2
1928.425	1929.794	1285.294	72.92168	148.204	70.22704	66.38285	57.93013	2.244688	39.82518	12.51904	27.30614	29.96825	2
1928.43	1929.799	1285.299	66.48174	82.41367	67.63129	67.9403	49.9837	2.459694	47.55661	21.94931	25.6073	29.31855	2
1928.435	1929.804	1285.304	68.19988	61.87901	68.12571	70.48661	62.85617	0	37.14383	14.95454	22.1893	31.02411	2
1928.44	1929.809	1285.309	72.20476	72.1769	71.98226	72.08115	57.82914	1.007361	41.1635	23.97336	17.19014	30.91585	2
1928.445	1929.814	1285.314	74.08359	102.4594	72.9464	71.57436	55.86112	1.810329	42.32855	24.69398	17.63457	30.33833	2
1928.45	1929.819	1285.319	73.11945	116.2714	74.19483	70.35065	36.2582	6.533134	57.20867	29.72355	27.48512	28.87839	2
1928.455	1929.824	1285.324	69.13929	81.49695	70.12815	68.18752	49.00593	2.846889	48.14718	29.2256	18.92158	29.80037	2
1928.46	1929.829	1285.329	67.85378	65.59175	67.35935	66.92672	65.53315	0	34.46685	17.24446	17.22239	31.42312	2
1928.465	1929.834	1285.334	71.84629	92.22264	71.72269	72.20476	52.54149	2.450412	45.0081	24.34923	20.65887	29.6347	2
1928.47	1929.839	1285.339	70.83271	162.5661	70.56078	73.25542	37.60041	6.75706	55.64253	37.40005	18.24248	26.52945	2
1928.475	1929.844	1285.344	66.79076	174.453	63.2185	58.20005	64.01983	2.981367	32.9988	17.33854	15.66025	30.00092	2
1928.48	1929.849	1285.349	62.99601	95.56869	62.04423	60.05416	66.29231	0.301923	33.40576	17.96971	15.43606	31.60765	2
1928.485	1929.854	1285.354	64.03431	64.03332	63.7871	65.18386	67.50828	0	32.49172	10.34703	22.14468	30.79356	2
1928.49	1929.859	1285.359	75.6534	33.84247	75.29494	75.08481	64.98707	0	35.01293	12.4355	22.57743	31.85772	8
1928.495	1929.864	1285.364	83.7744	78.91484	84.1205	84.15758	41.14788	6.427842	52.42428	26.13813	26.28614	29.49092	8
1928.5	1929.869	1285.369	83.65079	83.0401	83.35414	82.99567	45.24466	4.714382	50.04096	23.72189	26.31906	29.84766	8
1928.505	1929.874	1285.374	87.13652	49.5796	86.8275	86.55556	50.23103	3.765765	46.0032	24.43494	21.56826	31.09191	8
1928.51	1929.879	1285.379	93.53938	50.11436	93.77423	94.02145	39.99598	9.655926	50.34809	17.83885	32.50925	29.91392	8
1928.515	1929.884	1285.384	100.5232	87.7918	101.6851	103.6875	17.26826	24.87781	57.85394	35.71358	22.14036	28.25966	8

1928.52	1929.889	1285.389	94.67657	215.2167	92.94606	96.58012	14.22651	11.7484	74.0251	58.7723	15.25279	27.99147	8
1928.525	1929.894	1285.394	90.98071	111.2905	89.8806	88.61981	37.89125	6.401213	55.70753	32.70912	22.99842	29.43965	8
1928.53	1929.899	1285.399	86.87694	107.8834	87.26013	87.66803	30.99577	10.04392	58.96031	25.40945	33.55086	28.67563	8
1928.535	1929.904	1285.404	84.96103	116.5006	84.03398	81.96973	40.82738	5.490646	53.68197	26.5259	27.15608	29.34362	8
1928.54	1929.909	1285.409	85.35657	79.96907	84.51604	83.73732	48.63354	3.408339	47.95812	28.89756	19.06055	30.45002	8
1928.545	1929.914	1285.414	94.91142	56.9898	95.14627	96.29582	37.06984	11.13356	51.7966	22.24549	29.55111	29.44054	8
1928.55	1929.919	1285.419	99.94224	127.9597	102.0312	103.5145	0.897432	33.6483	65.45427	65.45427	0	-9999	8
1928.555	1929.924	1285.424	92.71121	111.81	93.61354	94.52824	20.65458	16.49092	62.8545	47.64848	15.20603	28.68427	8
1928.56	1929.928	1285.428	92.10553	73.78117	92.78537	94.72601	32.1391	12.35597	55.50492	26.75873	28.74619	28.84189	8
1928.565	1929.933	1285.433	93.60118	80.06074	94.3181	94.93614	28.95606	14.16373	56.88021	35.6454	21.2348	28.9215	8
1928.57	1929.938	1285.438	89.52214	95.93538	89.04007	88.97827	38.1593	7.276916	54.56378	29.83928	24.72451	29.31146	8
1928.575	1929.943	1285.443	88.99063	65.989	88.06357	86.1971	49.34396	3.337092	47.31895	14.95385	32.3651	31.15664	8
1928.58	1929.948	1285.448	88.60745	108.2653	88.61981	82.15514	32.18514	9.599008	58.21585	39.9207	18.29515	30.02121	8
1928.585	1929.953	1285.453	84.21939	92.87963	82.26639	80.30103	55.17701	0.736694	44.0863	26.67258	17.41371	31.32788	8
1928.59	1929.958	1285.458	81.92029	118.8383	80.05382	77.75472	50.33962	2.437918	47.22246	14.57284	32.64962	30.04482	8
1928.595	1929.963	1285.463	81.85849	30.42003	81.4135	80.85727	60.77719	0.152723	39.07009	25.88686	13.18323	32.97348	8
1928.6	1929.968	1285.468	85.52962	37.38714	86.0735	87.43318	48.05005	5.127722	46.82223	32.34565	14.47658	30.59252	8
1928.605	1929.973	1285.473	88.06357	64.6903	88.45912	89.17604	40.261	7.83349	51.90551	19.79974	32.10577	29.61861	8
1928.61	1929.978	1285.478	87.40846	58.7927	87.03763	87.79164	48.23026	4.28236	47.48738	29.1875	18.29988	30.51916	8
1928.615	1929.983	1285.483	88.47148	55.78278	88.0883	87.33429	48.07647	4.486605	47.43692	31.31263	16.12429	30.8638	8
1928.62	1929.988	1285.488	87.54442	55.46193	87.28485	88.92883	48.04905	4.514429	47.43652	18.05033	29.38619	30.3787	8
1928.625	1929.993	1285.493	94.35519	54.28546	94.68893	92.50108	37.46966	11.04697	51.48336	24.52073	26.96264	30.0981	8
1928.63	1929.998	1285.498	93.79895	179.3422	96.17221	98.21173	0	29.9742	70.0258	70.0258	0	-9999	8
1928.635	1930.003	1285.503	84.30591	245.8354	85.55435	85.61615	0	20.85892	79.14108	79.14108	0	-9999	2
1928.64	1930.008	1285.508	76.54337	165.576	74.15775	72.13059	47.99927	4.038922	47.96181	32.06694	15.89487	28.33588	2
1928.645	1930.013	1285.513	73.77457	134.6976	73.93526	76.88947	38.28523	6.267522	55.44725	35.25122	20.19603	27.29652	2
1928.65	1930.018	1285.518	70.88216	69.04475	71.06757	71.2159	56.64265	1.178697	42.17865	18.71457	23.46408	30.7161	2
1928.655	1930.023	1285.523	72.39017	68.41832	72.39017	73.50263	56.84381	1.171181	41.98501	16.60908	25.37593	30.67071	2
1928.66	1930.028	1285.528	76.25908	117.3104	75.46799	76.44449	47.58346	3.830892	48.58565	28.01292	20.57272	28.74498	2
1928.665	1930.033	1285.533	82.30347	138.9146	81.37642	80.95615	37.84816	6.303449	55.84839	34.9989	20.84949	28.33247	2
1928.67	1930.038	1285.538	85.10936	79.84684	84.73854	83.19345	45.25032	4.800683	49.94899	31.37812	18.57087	30.18946	2
1928.675	1930.043	1285.543	89.5963	89.16689	89.02771	87.56914	40.39961	6.511463	53.08892	37.17024	15.91869	29.82184	2
1928.68	1930.048	1285.548	89.63339	86.82924	90.15254	92.15498	32.50119	10.77722	56.72159	39.13587	17.58572	28.71473	2
1928.685	1930.053	1285.553	91.63583	160.3201	93.86076	97.79147	0	25.29223	74.70777	74.70777	0	-9999	2
1928.69	1930.058	1285.558	94.34283	100.1218	94.33046	92.48872	29.07093	12.34024	58.58883	30.36797	28.22086	29.29886	2
1928.695	1930.063	1285.563	102.9335	111.4281	102.9212	101.5986	18.43136	20.39076	61.17788	34.67679	26.50109	29.01533	2
1928.7	1930.068	1285.568	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1929	1930.367	1285.867	112.1176	88.41823	111.3512	110.4612	21.39397	21.76711	56.83892	37.49568	19.34324	28.6769	-9999
1929.005	1930.372	1285.872	104.5899	132.7725	103.3414	100.4861	21.32174	13.368	65.31026	40.5839	24.72636	29.66739	-9999
1929.01	1930.377	1285.877	109.8926	217.4627	108.0262	105.8507	0.737957	16.46391	82.79813	82.79813	0	-9999	-9999
1929.015	1930.382	1285.882	109.6083	196.2405	109.3488	107.2722	0	31.67935	68.32065	68.32065	0	-9999	-9999
1929.02	1930.387	1285.887	108.4341	243.1463	109.905	108.1003	0	51.86873	48.13127	48.13127	0	-9999	-9999
1929.025	1930.392	1285.892	107.1856	223.5589	105.9001	102.093	0	20.87577	79.12423	79.12423	0	-9999	-9999
1929.03	1930.397	1285.897	102.4885	120.4578	102.538	102.5133	16.17656	21.01831	62.80512	50.9885	11.81662	28.83567	-9999
1929.035	1930.402	1285.902	94.46643	121.4815	94.21922	92.68649	25.60828	12.66089	61.73083	31.5895	30.14133	29.06782	-9999
1929.04	1930.407	1285.907	102.3649	180.1061	103.7741	106.889	0	35.73012	64.26988	64.26988	0	-9999	-9999
1929.045	1930.412	1285.912	104.5652	185.637	104.182	98.64436	1.845567	24.03116	74.12328	74.12328	0	-9999	-9999
1929.05	1930.417	1285.917	102.9953	194.2543	102.8965	101.339	0	25.36337	74.63663	74.63663	0	-9999	-9999
1929.055	1930.422	1285.922	105.6653	222.8714	106.308	101.2896	0	36.986	63.014	63.014	0	-9999	-9999
1929.06	1930.427	1285.927	105.7394	200.0143	103.1313	100.3872	14.52915	7.431861	78.03899	63.34379	14.69521	30.35028	-9999
1929.065	1930.432	1285.932	102.3773	111.3211	102.093	102.402	21.07648	17.74024	61.18328	46.73436	14.44892	28.78385	-9999
1929.07	1930.437	1285.937	97.08691	129.182	96.56776	89.75699	23.44142	13.35413	63.20444	46.95341	16.25104	30.08474	-9999
1929.075	1930.442	1285.942	101.0547	119.4341	101.2154	101.3143	16.88127	20.30724	62.81148	38.33636	24.47513	28.81827	-9999
1929.08	1930.447	1285.947	101.0423	101.7872	101.5739	102.0436	18.28934	21.8113	59.89936	29.09584	30.80352	28.62887	-9999
1929.085	1930.452	1285.952	102.8594	97.89107	102.9953	103.6628	20.62599	20.56912	58.80489	30.85638	27.94851	28.57235	9
1929.09	1930.457	1285.957	104.2067	60.32058	103.9471	103.2178	31.54398	16.24848	52.20754	35.78196	16.42558	29.26461	9
1929.095	1930.462	1285.962	108.5206	76.54663	108.2981	109.1757	23.3611	22.58294	54.05596	40.76941	13.28655	28.27842	9
1929.1	1930.467	1285.967	109.1757	145.6219	112.2288	116.518	0	66.02693	33.97307	33.97307	0	-9999	9
1929.105	1930.472	1285.972	106.926	110.8627	107.7789	114.4537	8.18935	33.47468	58.33597	50.14964	8.186327	27.23502	9
1929.11	1930.477	1285.977	106.9631	71.56575	107.6924	110.3994	18.62306	29.64439	51.73255	23.37517	28.35737	27.48139	9
1929.115	1930.482	1285.982	106.3698	61.86373	107.0497	109.2004	21.89998	27.55062	50.5494	22.87492	27.67448	27.68567	9
1929.12	1930.487	1285.987	107.4328	71.13794	108.0756	108.5577	18.96503	29.51072	51.52425	30.60988	20.91437	27.87038	9
1929.125	1930.492	1285.992	109.0274	89.39607	109.8308	111.8085	11.83425	35.24008	52.92567	33.31293	19.61274	27.45755	9
1929.13	1930.497	1285.997	108.3475	92.84907	109.7319	114.256	7.121679	40.57514	52.30318	50.09718	2.206002	-9999	9
1929.135	1930.502	1286.002	106.926	94.31583	106.1102	112.167	25.12612	16.26655	58.60734	40.8184	17.78893	27.85539	9
1929.14	1930.507	1286.007	102.1795	87.86819	101.957	103.0324	26.45505	16.44141	57.10354	26.95175	30.15179	28.72034	9
1929.145	1930.512	1286.012	99.65794	75.66046	100.7457	100.5726	21.57485	22.39241	56.03274	37.12728	18.90546	28.68758	9
1929.15	1930.516	1286.016	99.59614	84.843	99.80627	96.79025	26.21102	16.88158	56.90739	38.39604	18.51135	29.44096	9
1929.155	1930.521	1286.021	98.96574	104.0637	96.56776	90.96835	42.35247	1.599873	56.04766	30.0108	26.03686	31.44783	9
1929.16	1930.526	1286.026	95.54182	83.66653	95.20808	95.83847	34.44071	10.33189	55.2274	29.82164	25.40576	29.23413	9
1929.165	1930.531	1286.031	95.49237	80.76357	96.04861	99.27476	28.29143	14.97128	56.73729	32.91202	23.82527	28.40021	9
1929.17	1930.536	1286.036	95.73959	79.46487	94.18214	93.02023	44.75933	3.74767	51.493	35.42555	16.06744	30.72457	9
1929.175	1930.541	1286.041	94.18214	69.96148	93.70007	92.88426	40.15779	7.832967	52.00924	18.43654	33.57271	30.03822	9

1929.18	1930.546	1286.046	95.62834	62.93324	95.73959	94.10797	35.92992	11.41006	52.66002	23.7248	28.93522	29.83486	9
1929.185	1930.551	1286.051	96.72845	90.5267	95.62834	91.5493	37.62818	7.29331	55.07851	24.87784	30.20067	30.4242	9
1929.19	1930.556	1286.056	96.29582	84.15545	94.49115	91.6111	45.02839	2.957781	52.01383	28.95457	23.05925	31.10694	9
1929.195	1930.561	1286.061	97.0251	70.77125	98.38478	100.7704	23.07274	20.64075	56.28651	34.69009	21.59642	28.36142	9
1929.2	1930.566	1286.066	94.62712	294.9108	99.20059	108.1992	0	52.50581	47.49419	47.49419	0	-9999	8
1929.205	1930.571	1286.071	87.68039	440.6549	85.30713	90.04129	0	23.28987	76.71013	76.71013	0	-9999	8
1929.21	1930.576	1286.076	85.7274	185.3009	81.19101	76.37032	51.44499	0	48.55501	13.28306	35.27195	29.66211	8
1929.215	1930.581	1286.081	83.95981	79.99963	82.42708	82.69902	55.27573	1.012168	43.71211	19.44587	24.26624	31.11736	8
1929.22	1930.586	1286.086	79.32454	73.12418	79.02788	78.91663	51.62447	2.662204	45.71333	20.007	25.70632	30.46296	8
1929.225	1930.591	1286.091	87.93997	81.80252	88.02649	86.32071	38.62845	7.752105	53.61944	18.47524	35.14421	29.735	8
1929.23	1930.596	1286.096	88.36023	62.04708	88.11302	87.54442	45.60911	5.370545	49.02035	21.0419	27.97845	30.43245	8
1929.235	1930.601	1286.101	89.38617	59.03716	88.33551	86.30835	51.62036	2.53393	45.84571	30.28408	15.56163	31.63289	8
1929.24	1930.606	1286.106	91.51222	69.12115	91.36389	91.21556	40.23099	7.851778	51.91723	31.55935	20.35788	29.82885	8
1929.245	1930.611	1286.111	91.32681	68.99892	91.85832	93.60118	35.16239	10.77097	54.06665	36.93323	17.13342	29.06905	8
1929.25	1930.616	1286.116	88.45912	93.10881	87.56914	83.61371	42.98257	5.122728	51.8947	21.79657	30.09813	30.40922	8
1929.255	1930.621	1286.121	89.13896	78.83844	88.85466	88.19954	41.11656	6.723719	52.15972	37.37862	14.7811	29.82177	8
1929.26	1930.626	1286.126	84.82506	52.14643	84.0587	84.28119	55.28084	1.599939	43.11922	18.99968	24.11954	31.62928	8
1929.265	1930.631	1286.131	88.65689	58.36489	88.13774	87.26013	48.33478	4.228538	47.43669	21.52991	25.90677	30.89536	8
1929.27	1930.636	1286.136	83.95981	110.6794	84.30591	84.8127	33.29028	8.656714	58.053	22.99529	35.05772	28.55706	8
1929.275	1930.641	1286.141	86.33307	43.91118	86.37015	85.80156	49.65968	4.234039	46.10628	31.94586	14.16042	31.09768	8
1929.28	1930.646	1286.146	88.16246	52.97149	87.58151	86.16002	50.57383	3.435457	45.99071	14.73107	31.25964	31.35691	8
1929.285	1930.651	1286.151	84.67673	51.68807	84.54077	83.82384	50.64264	3.475626	45.88173	27.02939	18.85234	31.08219	8
1929.29	1930.656	1286.156	88.4962	93.53662	88.39731	88.59509	36.714	8.122303	55.1637	36.11164	19.05206	29.14458	8
1929.295	1930.661	1286.161	85.71503	59.7247	86.22182	86.60501	42.76117	6.607311	50.63152	27.18551	23.44601	29.89107	8
1929.3	1930.666	1286.166	79.26273	75.96603	78.2986	75.91297	56.16657	1.274112	42.55932	19.85987	22.69945	31.4817	8
1929.305	1930.671	1286.171	83.3665	56.16475	82.60013	83.09456	55.65029	1.44355	42.90616	26.63489	16.27128	31.48798	8
1929.31	1930.676	1286.176	88.61981	81.8942	87.98941	88.01413	43.53696	5.384568	51.07847	24.72097	26.3575	29.87273	8
1929.315	1930.681	1286.181	89.97949	81.22193	89.5345	91.31445	41.01181	6.636891	52.3513	32.82377	19.52753	29.37448	8
1929.32	1930.686	1286.186	88.01413	94.04082	87.63095	87.79164	39.23879	6.871853	53.88936	26.44752	27.44183	29.29147	8
1929.325	1930.691	1286.191	87.04999	58.13571	87.08708	87.43318	45.55778	5.532517	48.90971	32.47648	16.43323	30.25099	8
1929.33	1930.696	1286.196	87.37137	40.71792	87.37137	86.87694	49.7646	4.377989	45.85741	20.66627	25.19114	31.17939	8
1929.335	1930.701	1286.201	83.25525	80.18297	83.45302	83.62607	42.46816	5.836825	51.69501	20.79986	30.89516	29.52004	8
1929.34	1930.706	1286.206	86.30835	50.64912	86.4196	85.97461	47.47707	4.933128	47.5898	25.05399	22.53582	30.69527	8
1929.345	1930.711	1286.211	88.29843	99.41894	89.13896	90.60988	28.19196	12.05478	59.75326	29.45815	30.29511	28.57231	8
1929.35	1930.716	1286.216	84.66437	117.2645	84.20703	84.03398	37.2752	6.895129	55.82967	36.92471	18.90497	28.74848	8
1929.355	1930.721	1286.221	84.1205	94.92698	84.25647	86.14766	38.58306	7.012596	54.40435	31.35163	23.05272	28.7461	8
1929.36	1930.726	1286.226	78.89191	136.8672	78.55817	71.12937	36.88406	6.755774	56.36016	29.01048	27.34968	29.41366	8
1929.365	1930.731	1286.231	74.57802	92.19209	74.269	74.55329	51.47263	2.716245	45.81112	27.48347	18.32765	29.7037	8
1929.37	1930.736	1286.236	78.73122	60.53448	78.27387	77.68056	56.46237	1.274131	42.2635	30.3607	11.9028	31.46137	8
1929.375	1930.741	1286.241	77.09961	57.75374	76.80295	76.53101	57.39105	1.021821	41.58713	16.30853	25.2786	31.5111	8
1929.38	1930.746	1286.246	78.52109	61.71094	78.15027	77.55695	55.70042	1.496574	42.80301	25.4494	17.35361	31.30517	8
1929.385	1930.751	1286.251	77.27266	73.44504	76.80295	75.18369	54.77569	1.754297	43.47001	23.68258	19.78743	31.04767	8
1929.39	1930.756	1286.256	77.85361	91.07673	77.49515	77.42098	49.11218	3.331103	47.55671	20.79002	26.76669	29.72229	8
1929.395	1930.761	1286.261	82.20459	118.2577	83.67551	84.5284	24.35374	11.69052	63.95574	33.88095	30.07478	28.4348	8
1929.4	1930.766	1286.266	85.64087	114.4074	85.54198	83.50246	34.29017	8.226114	57.48372	38.52493	18.95879	29.06503	8
1929.405	1930.771	1286.271	83.97217	93.73524	83.53955	82.0439	43.41452	5.143365	51.44211	29.66953	21.77259	29.72836	8
1929.41	1930.776	1286.276	83.24289	106.6	83.03276	82.34056	39.24788	6.412944	54.33918	22.58453	31.75465	29.0385	8
1929.415	1930.781	1286.281	84.77562	53.97989	84.76326	85.75212	49.03909	4.061765	46.89914	31.11513	15.78402	30.52051	8
1929.42	1930.786	1286.286	81.59891	89.25856	81.52475	80.46172	43.9032	5.039351	51.05744	18.49402	32.56342	29.64074	8
1929.425	1930.791	1286.291	81.94501	81.83308	81.16629	79.28745	50.84211	2.755518	46.40237	17.69754	28.70484	30.68438	8
1929.43	1930.796	1286.296	84.41716	90.58781	83.79912	80.90671	45.20375	4.519805	50.27645	27.60369	22.67275	30.22731	8
1929.435	1930.801	1286.301	81.98209	152.9557	83.4901	84.56549	15.87411	14.01366	70.11223	44.59708	25.51514	28.46475	8
1929.44	1930.806	1286.306	80.20215	247.3785	80.35048	71.6238	5.198871	15.80358	78.99755	65.85954	13.138	-9999	8
1929.445	1930.81	1286.31	78.21207	261.8628	74.87467	67.1863	30.53893	8.72271	60.73836	27.70773	33.03063	26.86897	8
1929.45	1930.815	1286.315	77.27266	274.5136	71.47547	68.55834	47.40503	5.337246	47.25773	32.80082	14.4569	26.10327	8
1929.455	1930.82	1286.32	76.976	129.1973	74.10831	71.6238	60.14094	0.69145	39.16761	18.39278	20.77483	30.88507	8
1929.46	1930.825	1286.325	76.74114	46.70719	77.09961	77.24793	55.31693	1.582297	43.10077	30.56468	12.53609	31.30885	8
1929.465	1930.83	1286.33	79.36162	53.18539	79.17621	79.00316	55.55338	1.59376	42.85286	25.55639	17.29647	31.41404	8
1929.47	1930.835	1286.335	80.20215	54.95773	79.76952	77.09961	56.2671	1.354851	42.37805	29.76705	12.61099	32.00421	8
1929.475	1930.84	1286.34	80.80782	92.5435	80.61005	78.91663	44.79401	4.6687	50.53729	23.24407	27.29322	29.73502	8
1929.48	1930.845	1286.345	82.51361	80.36632	82.15514	79.38634	47.41691	3.968183	48.61491	17.17433	31.44058	30.49441	8
1929.485	1930.85	1286.35	83.56427	89.77804	82.40236	81.89557	50.39938	2.639725	46.96089	27.88274	19.07815	30.34581	8
1929.49	1930.855	1286.355	83.51482	71.99355	82.89679	81.80904	50.5337	2.982136	46.48416	33.21599	13.26817	30.75809	8
1929.495	1930.86	1286.36	82.16751	92.86435	81.87085	83.144	44.23182	4.869348	50.89883	28.1475	22.75134	29.20478	8
1929.5	1930.865	1286.365	82.97095	74.59094	83.39122	83.15636	42.35866	5.997409	51.64393	26.82981	24.81412	29.66208	8
1929.505	1930.87	1286.37	82.85971	62.65823	83.60135	84.65201	42.85804	6.098827	51.04313	27.69446	23.34867	29.64867	8
1929.51	1930.875	1286.375	81.8214	51.3825	82.63721	84.15758	45.96723	5.050081	48.98269	26.18516	22.79753	29.99822	8
1929.515	1930.88	1286.38	86.01169	42.53609	86.97583	88.558	43.10345	7.211168	49.68539	23.14923	26.53616	29.93056	8
1929.52	1930.885	1286.385	86.30835	33.0327	86.62973	86.53084	50.11172	4.473758	45.41452	22.47513	22.93939	31.21473	8
1929.525	1930.89	1286.39	86.29599	24.91967	86.02405	86.50612	56.68463	1.880202	41.43516	19.94748	21.48768	32.30124	8
1929.53	1930.895	1286.395	88.19954	56.71479	88.57036	88.32315	42.25757	7.278208	50.46422	32.03543	18.42879	30.06224	8
1929.535	1930.9	1286.4	85.90045	136.4088	88.52092	89.83116	7.651969	19.57885	72.76918	58.43268	14.3365	-9999	8
1929.54	1930.905	1286.405	73.78693	247.7147	68.70667	74.12067	51.5411	5.362204	43.0967	25.04626	18.05044	25.14657	8

1929.545	1930.91	1286.41	71.14173	106.2486	68.00211	65.72773	73.16956	0	26.83044	13.17665	13.6538	31.92622	8
1929.55	1930.915	1286.415	72.26656	108.7848	70.18996	68.19988	63.28251	0.510003	36.20749	10.63291	25.57458	31.40551	8
1929.555	1930.92	1286.42	83.40358	122.169	82.71138	81.71016	39.06836	6.121779	54.80986	29.75163	25.05823	28.84155	8
1929.56	1930.925	1286.425	82.87207	124.5831	82.67429	82.82262	35.14133	7.529615	57.32906	38.93503	18.39403	28.39934	8
1929.565	1930.93	1286.43	69.48539	60.50392	68.42237	65.29511	69.66992	0	30.33008	18.62817	11.70192	31.79764	8
1929.57	1930.935	1286.435	75.9377	126.8749	78.27387	78.0761	21.32822	11.06933	67.60245	48.6934	18.90905	28.56255	8
1929.575	1930.94	1286.44	88.47148	55.32442	89.00299	90.12782	41.09852	7.970223	50.93126	19.38274	31.54852	29.72016	8
1929.58	1930.945	1286.445	87.82872	50.38938	87.44554	86.7657	49.97301	3.846723	46.18026	33.59782	12.58245	31.14277	8
1929.585	1930.95	1286.45	85.66559	35.95094	85.61615	84.83742	52.87071	3.104694	44.0246	20.13666	23.88793	31.69433	8
1929.59	1930.955	1286.455	84.26883	41.55825	84.34299	85.07228	51.84081	3.281518	44.87768	27.68591	17.19176	31.11773	8
1929.595	1930.96	1286.46	77.37154	82.21505	76.18491	75.15897	58.11852	0.858485	41.02299	18.97334	22.04965	31.28933	8
1929.6	1930.965	1286.465	84.23175	105.6068	85.12172	86.72861	30.05265	10.17712	59.77023	27.20075	32.56948	28.39984	8
1929.605	1930.97	1286.47	82.76082	87.83764	84.30591	87.43318	30.62888	10.19745	59.17367	39.33892	19.83475	28.35541	8
1929.61	1930.975	1286.475	81.04268	41.63464	80.59769	79.59647	58.8138	0.66592	40.52028	15.44916	25.07113	32.42727	8
1929.615	1930.98	1286.48	78.34804	61.68039	78.12555	78.83011	54.71747	1.785795	43.49673	13.2232	30.27353	30.90426	8
1929.62	1930.985	1286.485	83.00803	48.63232	82.25403	85.36893	57.70712	0.869366	41.42351	14.79793	26.62558	31.46234	8
1929.625	1930.99	1286.49	89.99185	59.44969	90.84474	91.30209	36.21077	10.58918	53.20004	37.98855	15.21149	29.43701	8
1929.63	1930.995	1286.495	87.71747	58.5788	87.35901	89.46034	47.90193	4.442116	47.65595	19.50844	28.14751	30.23549	8
1929.635	1931	1286.5	86.11058	42.94862	86.1353	87.08708	50.19311	4.024401	45.78249	26.51928	19.26321	30.89318	8
1929.64	1931.005	1286.505	89.07715	58.2885	89.26256	88.4962	42.50627	7.156272	50.33746	17.52359	32.81388	30.18927	8
1929.645	1931.01	1286.51	86.4196	74.05619	85.96225	86.67917	46.11681	4.618801	49.26439	17.2864	31.97799	30.00689	8
1929.65	1931.015	1286.515	83.41594	61.94012	83.58899	85.75212	46.92669	4.599215	48.4741	23.44722	25.02688	29.86911	8
1929.655	1931.02	1286.52	81.07976	63.26938	80.57297	81.26517	54.02305	1.9775	43.99945	18.95583	25.04362	30.92961	8
1929.66	1931.025	1286.525	83.25525	85.10274	84.71382	86.04877	31.50642	10.04485	58.44873	38.88032	19.56841	28.7373	8
1929.665	1931.03	1286.53	80.42464	79.20513	80.86963	79.47287	43.39304	5.302116	51.30484	30.69418	20.61066	29.78029	8
1929.67	1931.035	1286.535	80.80782	71.94772	80.94379	82.71138	47.1917	4.147995	48.6603	20.15904	28.50126	29.6894	8
1929.675	1931.04	1286.54	81.84613	71.59631	82.05626	81.38878	45.74673	4.718417	49.53485	19.03456	30.50029	30.04486	8
1929.68	1931.045	1286.545	78.37276	217.2946	82.92151	88.79286	0	24.60756	75.39244	75.39244	0	-9999	8
1929.685	1931.05	1286.55	76.23435	156.531	76.6917	77.71764	28.43946	9.044041	62.5165	34.29355	28.22295	27.3521	8
1929.69	1931.055	1286.555	79.75716	124.6442	78.19971	74.77579	48.52977	3.284427	48.1858	27.267	20.9188	29.74909	8
1929.695	1931.06	1286.56	76.6917	143.5899	76.81531	75.23313	33.73693	7.601124	58.66194	38.10608	20.55587	28.03123	8
1929.7	1931.065	1286.565	79.42342	170.0221	79.67064	77.34682	23.86918	10.55384	65.57697	39.6865	25.89048	28.07358	8
1929.705	1931.07	1286.57	83.53955	74.42288	83.46538	84.0587	45.70806	4.752677	49.53927	24.35439	25.18488	29.83825	8
1929.71	1931.075	1286.575	90.90654	126.0346	91.07959	90.59752	24.52448	12.75007	62.72545	31.16441	31.56104	28.74131	8
1929.715	1931.08	1286.58	92.32803	208.7538	94.62712	89.84352	0	29.73831	70.26169	70.26169	0	-9999	8
1929.72	1931.085	1286.585	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1930	1931.364	1286.864	110.5848	139.0826	110.4859	112.5131	5.37033	30.98555	63.64412	63.41997	0.224146	-9999	9
1930.005	1931.369	1286.869	109.6578	130.1598	110.078	107.643	4.35912	34.82089	60.81999	56.63749	4.182499	-9999	9
1930.01	1931.374	1286.874	110.7826	150.9695	111.7097	110.1398	0	44.31659	55.68341	55.68341	0	-9999	9
1930.015	1931.379	1286.879	111.7467	142.2606	112.4884	111.4872	0	43.43997	56.56003	56.56003	0	-9999	9
1930.02	1931.384	1286.884	115.7022	142.7495	117.6552	120.7824	0	71.97953	28.02047	28.02047	0	-9999	9
1930.025	1931.389	1286.889	118.2732	122.4135	119.8183	121.0667	0	72.69478	27.30522	27.30522	0	-9999	9
1930.03	1931.393	1286.893	121.5364	130.6487	123.4029	125.8627	0	93.08605	6.913953	6.913953	0	-9999	9
1930.035	1931.398	1286.898	118.5946	158.5325	120.4611	125.0469	0	82.34733	17.65267	17.65267	0	-9999	9
1930.04	1931.403	1286.903	114.9234	157.7838	115.3684	119.0766	0	47.29966	52.70034	52.70034	0	-9999	9
1930.045	1931.408	1286.908	109.9668	190.8776	108.4093	105.4922	4.708417	17.88649	77.40509	72.02498	5.380113	-9999	9
1930.05	1931.413	1286.913	105.9743	164.9037	104.8618	106.0732	11.21857	17.60313	71.1783	64.96858	6.209715	29.2118	9
1930.055	1931.418	1286.918	115.5291	240.9309	114.874	112.3771	0	38.0779	61.9221	61.9221	0	-9999	9
1930.06	1931.423	1286.923	123.4771	346.7822	124.6513	113.5761	0	100	0	0	0	-9999	9
1930.065	1931.428	1286.928	130.0653	303.9864	134.5028	142.7845	0	100	0	0	0	-9999	9
1930.07	1931.433	1286.933	132.4386	236.7292	134.5028	141.6226	0	100	0	0	0	-9999	9
1930.075	1931.438	1286.938	129.3237	211.9623	132.6364	136.7525	0	100	0	0	0	-9999	9
1930.08	1931.443	1286.943	124.7749	302.8557	128.409	131.252	0	100	0	0	0	-9999	9
1930.085	1931.448	1286.948	115.01	608.6603	113.366	110.4241	0	48.66346	51.33654	51.33654	0	-9999	9
1930.09	1931.453	1286.953	100.8075	505.2689	98.66908	80.44936	0	30.5734	69.4266	69.4266	0	-9999	9
1930.095	1931.458	1286.958	91.46277	238.3793	86.8275	77.97722	34.08982	1.514319	64.39586	32.49038	31.90547	29.24076	9
1930.1	1931.463	1286.963	90.46156	182.3827	86.91403	79.43578	40.13212	1.804495	58.06338	21.13458	36.9288	29.88825	9
1930.105	1931.468	1286.968	95.30696	178.5477	93.52702	96.28346	22.90363	9.196444	67.89992	32.04622	35.85371	28.03551	9
1930.11	1931.473	1286.973	98.66908	207.4551	100.8817	110.2387	0	37.85559	62.14441	62.14441	0	-9999	9
1930.115	1931.478	1286.978	102.3526	134.7435	104.0336	106.8395	0.199501	34.89972	64.90078	64.90078	0	-9999	9
1930.12	1931.483	1286.983	102.5751	301.2973	106.9755	113.1559	0	71.06918	28.93082	28.93082	0	-9999	9
1930.125	1931.488	1286.988	102.0188	256.8361	102.4762	114.4785	0	32.8521	67.1479	67.1479	0	-9999	9
1930.13	1931.493	1286.993	103.9595	209.9455	103.7617	112.2288	0	26.60766	73.39234	73.39234	0	-9999	9
1930.135	1931.498	1286.998	99.29948	146.1567	99.76919	101.3884	9.634325	22.47492	67.89075	47.43045	20.46031	28.93459	9
1930.14	1931.503	1287.003	96.50595	77.5703	95.48001	95.8632	40.39355	6.719442	52.88701	26.02697	26.86003	29.91858	9
1930.145	1931.508	1287.008	96.53067	65.92788	96.2711	98.58256	37.24894	10.19595	52.55511	36.03958	16.51553	29.23811	9
1930.15	1931.513	1287.013	94.70129	97.99802	94.47879	94.24394	30.88362	11.35065	57.76573	23.87956	33.88618	29.0838	9
1930.155	1931.518	1287.018	95.78903	88.0821	95.35641	95.28224	33.91107	10.25232	55.8366	27.25357	28.58303	29.31032	9
1930.16	1931.523	1287.023	98.01396	76.72997	97.95216	101.0053	31.73748	13.19344	55.06908	30.34278	24.7263	28.63486	9
1930.165	1931.528	1287.028	97.51953	57.02036	97.19815	98.29826	38.97379	9.924863	51.10135	30.89782	20.20353	29.6879	9
1930.17	1931.533	1287.033	96.71609	64.93476	96.34526	95.44293	38.18086	9.623919	52.19522	37.42345	14.77177	29.93716	9
1930.175	1931.538	1287.038	98.60728	63.20826	98.36006	96.56776	35.90082	11.59389	52.5053	30.25704	22.24826	29.90177	9
1930.18	1931.543	1287.043	98.81741	67.45576	99.0399	98.36006	31.03937	15.0567	53.90393	22.1036	31.80034	29.25561	9

1930.185	1931.548	1287.048	98.70616	103.9262	99.86807	103.9966	15.0354	23.6262	61.3384	46.77384	14.56456	28.07319	9
1930.19	1931.553	1287.053	102.8099	94.45334	104.9731	105.7765	5.792917	37.12269	57.0844	46.17699	10.90741	-9999	9
1930.195	1931.558	1287.058	106.0855	72.05467	107.7295	110.0162	12.22327	37.23284	50.54389	37.46769	13.0762	27.3459	9
1930.2	1931.563	1287.063	106.0114	96.91322	107.5688	107.3216	6.946298	37.89895	55.15475	51.64919	3.505567	-9999	9
1930.205	1931.568	1287.068	107.4328	153.2919	111.1658	112.5131	0	69.14491	30.85509	30.85509	0	-9999	9
1930.21	1931.573	1287.073	105.4551	180.2283	109.8555	112.7232	0	71.99378	28.00622	28.00622	0	-9999	9
1930.215	1931.578	1287.078	103.5268	162.9175	103.3414	101.9694	6.766199	23.09543	70.13837	59.79315	10.34522	-9999	9
1930.22	1931.583	1287.083	101.784	146.2331	100.5479	109.7937	20.54989	12.73921	66.7109	42.307	24.40389	27.33485	9
1930.225	1931.588	1287.088	99.9546	64.00276	99.90515	99.94224	32.93629	14.0499	53.01381	28.24185	24.77197	29.2794	9
1930.23	1931.593	1287.093	100.894	88.5863	101.4873	101.3637	21.14143	21.20355	57.65501	40.55989	17.09512	28.69118	9
1930.235	1931.598	1287.098	97.77911	55.67583	97.09927	95.8632	41.83843	7.886727	50.27484	36.4071	13.86775	30.50069	9
1930.24	1931.603	1287.103	99.55905	53.13955	99.69502	100.1524	34.49215	14.20762	51.30023	30.61973	20.6805	29.31452	9
1930.245	1931.608	1287.108	102.4885	75.82852	102.8346	102.0436	24.67775	20.31725	55.005	26.41694	28.58806	28.82224	9
1930.25	1931.613	1287.113	99.70738	78.54815	100.5726	102.1177	22.55486	21.08152	56.36362	27.88766	28.47595	28.40376	9
1930.255	1931.618	1287.118	100.721	60.39697	100.8446	100.1029	31.76269	15.72345	52.51386	30.9709	21.54295	29.28942	9
1930.26	1931.623	1287.123	106.6047	81.86364	106.1102	105.0967	25.94453	18.0885	55.96697	33.85757	22.1094	29.00982	9
1930.265	1931.628	1287.128	113.9964	98.99114	114.7875	115.6404	5.036545	46.20476	48.75869	48.75869	0	-9999	9
1930.27	1931.633	1287.133	107.1609	142.444	107.4205	109.0768	4.928823	30.06278	65.0084	65.0084	0	-9999	9
1930.275	1931.638	1287.138	101.4379	102.9789	101.8829	104.8865	18.30761	21.70095	59.99144	45.41163	14.57982	28.14894	9
1930.28	1931.643	1287.143	102.674	64.21666	102.4638	103.4032	31.62805	15.40345	52.9685	22.30305	30.66545	28.99287	9
1930.285	1931.648	1287.148	101.2772	50.72551	101.8087	100.2883	30.43019	18.63561	50.93419	30.96298	19.97121	29.22593	9
1930.29	1931.653	1287.153	96.9015	30.0075	96.87678	96.14749	43.7804	9.389119	46.83048	17.19268	29.6378	30.67628	9
1930.295	1931.658	1287.158	98.42187	54.42297	97.40829	95.8632	44.13677	6.184354	49.67888	21.15961	28.51927	30.92995	9
1930.3	1931.663	1287.163	94.6642	35.82871	93.89784	93.04495	50.17772	4.362453	45.45983	17.485	27.97483	31.66065	9
1930.305	1931.668	1287.168	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1930.4	1931.762	1287.262	128.1371	30.23668	128.2236	126.7279	14.12605	70.38288	15.49107	4.669662	10.82141	21.45016	9
1930.405	1931.767	1287.267	117.1607	84.46103	117.3709	115.7887	10.14403	43.79947	46.0565	32.0341	14.0224	26.80726	9
1930.41	1931.772	1287.272	105.245	108.3876	105.1214	103.4032	17.90277	21.76065	60.33658	49.1718	11.16478	28.99702	9
1930.415	1931.777	1287.277	110.8815	149.243	110.6219	103.7123	3.883937	30.2444	65.87166	65.03395	0.837717	-9999	9
1930.42	1931.782	1287.282	116.4438	68.78501	116.382	120.8566	16.7047	36.8872	46.4081	21.36295	25.04516	26.00773	9
1930.425	1931.787	1287.287	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1930.435	1931.797	1287.297	100.5974	229.976	103.9348	109.9668	0	51.67072	48.32928	48.32928	0	-9999	9
1930.44	1931.802	1287.302	105.9248	103.3914	106.1102	103.8606	16.0915	25.03476	58.87374	39.31904	19.5547	28.92953	9
1930.445	1931.807	1287.307	101.6109	90.2364	101.648	100.4861	24.39334	17.99017	57.61648	40.95229	16.6642	29.0139	9
1930.45	1931.812	1287.312	104.2314	64.04859	104.182	104.5281	28.99053	18.28021	52.72927	19.84902	32.88025	28.81022	9
1930.455	1931.817	1287.317	109.2993	100.1829	109.5342	109.2375	13.38026	30.14893	56.47081	49.47139	6.999412	28.21597	9
1930.46	1931.822	1287.322	106.9137	94.63669	106.9384	105.6529	18.54574	24.20964	57.24462	32.64659	24.59803	28.67798	9
1930.465	1931.827	1287.327	99.46017	124.0942	98.5702	97.28468	25.36315	12.22876	62.40809	37.4087	24.99939	29.19406	9
1930.47	1931.832	1287.332	105.6158	194.0098	108.0509	110.7702	0	52.43039	47.56961	47.56961	0	-9999	9
1930.475	1931.837	1287.337	106.444	117.127	107.1115	106.7406	8.553829	31.27725	60.16892	50.70295	9.465969	28.6929	9
1930.48	1931.842	1287.342	102.7728	79.35792	102.229	99.39836	30.45938	13.95715	55.58347	32.26795	23.31552	29.70422	9
1930.485	1931.847	1287.347	102.0188	112.2225	101.8458	96.34526	20.32595	18.30612	61.36793	38.05271	23.31522	29.82609	9
1930.49	1931.852	1287.352	99.41073	130.5265	98.45895	96.22166	24.33098	12.24328	63.42573	33.63037	29.79537	29.34639	9
1930.495	1931.857	1287.357	100.0782	171.8403	102.3526	105.5293	0	38.24957	61.75043	61.75043	0	-9999	9
1930.5	1931.862	1287.362	101.2648	150.2056	102.4515	104.8989	1.290221	30.29918	68.4106	68.4106	0	-9999	9
1930.505	1931.867	1287.367	103.7617	175.7058	104.8	103.7246	0	34.47566	65.52434	65.52434	0	-9999	9
1930.51	1931.872	1287.372	107.198	85.66805	108.3475	111.9321	11.73719	35.28437	52.97844	41.29728	11.68116	27.25204	9
1930.515	1931.877	1287.377	106.1102	60.44281	106.7654	108.1745	22.67425	26.81379	50.51196	23.15544	27.35653	27.86863	9
1930.52	1931.882	1287.382	104.3303	45.48489	104.4663	104.8371	31.95503	18.70777	49.3372	31.03018	18.30702	28.90575	9
1930.525	1931.887	1287.387	106.4563	57.98292	106.8024	108.1868	25.34602	24.20336	50.45062	31.69728	18.75333	28.0665	9
1930.53	1931.892	1287.392	113.502	80.32048	113.8728	112.7356	13.26677	37.99481	48.73842	28.0847	20.65372	27.35306	9
1930.535	1931.897	1287.397	118.4586	71.29073	117.8035	117.2596	18.84289	31.33038	49.82673	27.00231	22.82441	27.3721	9
1930.54	1931.902	1287.402	117.4821	112.192	116.2955	114.5526	13.96238	24.15867	61.87896	52.55595	9.323008	28.85295	9
1930.545	1931.907	1287.407	118.4586	93.59773	117.8406	117.136	13.15721	33.45192	53.39087	39.27131	14.11955	27.54164	9
1930.55	1931.912	1287.412	108.2981	63.95692	108.7678	109.9792	21.24795	28.63674	50.11532	36.18438	13.93093	27.6923	9
1930.555	1931.917	1287.417	101.5368	60.91645	101.92	102.9459	28.87472	18.51034	52.61493	28.92536	23.68958	28.68783	9
1930.56	1931.922	1287.422	101.0547	63.11659	101.4008	101.6604	29.07318	17.85424	53.07258	34.47729	18.5953	28.87348	9
1930.565	1931.927	1287.427	101.8087	67.45576	101.4502	99.07699	32.78977	13.72424	53.48599	32.87821	20.60778	29.74658	9
1930.57	1931.932	1287.432	100.2883	47.16556	100.276	99.69502	36.41646	13.46761	50.11593	28.6157	21.50023	29.69947	9
1930.575	1931.937	1287.437	99.05226	66.64599	99.37364	100.9064	30.2529	15.87185	53.87525	26.18034	27.69492	28.77886	9
1930.58	1931.942	1287.442	98.95338	93.79636	99.02754	103.5268	25.6894	15.99485	58.31575	31.7781	26.53765	28.04912	9
1930.585	1931.947	1287.447	99.16351	75.38544	98.76797	98.58256	33.59176	11.8945	54.51374	30.21315	24.30059	29.40675	9
1930.59	1931.952	1287.452	106.172	55.70639	105.9619	108.7802	30.4693	18.47367	51.05703	34.23778	16.81925	28.38463	9
1930.595	1931.957	1287.457	110.4983	126.5999	111.277	111.3512	1.669267	40.29468	58.03605	58.03605	0	-9999	9
1930.6	1931.962	1287.462	107.9644	120.7023	108.088	108.9038	10.50489	28.36869	61.12641	48.90595	12.22046	28.47455	9
1930.605	1931.967	1287.467	106.0361	36.66904	106.3327	106.8642	31.2738	21.71358	47.01262	27.11533	19.89729	28.58685	9
1930.61	1931.972	1287.472	103.465	69.79341	104.6146	106.2215	19.01316	27.82765	53.15919	41.33157	11.82762	27.94952	9
1930.615	1931.977	1287.477	107.0126	63.51384	107.507	108.2486	22.34626	26.83978	50.81397	35.87011	14.94386	27.96244	9
1930.62	1931.981	1287.481	111.0175	44.87374	111.3388	112.5378	24.51381	30.26793	45.21825	33.23231	11.98594	27.3653	9
1930.625	1931.986	1287.486	102.8841	115.9964	103.0571	104.8494	15.93437	22.11245	61.95318	33.95679	27.99639	28.43473	9
1930.63	1931.991	1287.491	98.06341	116.4242	98.10049	99.59614	21.31962	16.52352	62.15686	29.43074	32.72612	28.54161	9
1930.635	1931.996	1287.496	94.73837	142.4745	93.03259	89.8806	31.58167	6.973252	61.44508	35.75012	25.69496	29.42743	9
1930.64	1932.001	1287.501	94.2563	110.2058	92.63704	89.89296	39.16364	5.074559	55.7618	21.52516	34.23663	30.04962	9

1930.645	1932.006	1287.506	100.9558	148.4791	101.648	104.2561	5.824157	26.04787	68.12797	53.67144	14.45653	-9999	9
1930.65	1932.011	1287.511	109.2622	133.567	111.104	115.2325	0	50.67001	49.32999	49.32999	0	-9999	9
1930.655	1932.016	1287.516	112.0063	128.4792	113.7492	115.4673	0	56.28591	43.71409	43.71409	0	-9999	9
1930.66	1932.021	1287.521	110.523	120.5189	112.2288	117.3461	0	51.30727	48.69273	48.69273	0	-9999	9
1930.665	1932.026	1287.526	111.104	98.50222	111.9569	117.1978	7.336904	40.53714	52.12595	46.35363	5.772321	-9999	9
1930.67	1932.031	1287.531	109.0645	102.3525	110.1646	111.8085	6.365589	39.51829	54.11612	40.91671	13.19942	-9999	9
1930.675	1932.036	1287.536	103.6134	155.4615	102.674	99.71974	14.33449	16.69606	68.96945	52.48004	16.48941	29.72143	9
1930.68	1932.041	1287.541	98.36006	125.729	96.66664	92.76065	32.20634	6.977483	60.81618	41.71794	19.09824	29.96961	9
1930.685	1932.046	1287.546	101.2525	120.4425	101.4997	102.0559	15.78472	21.21045	63.00483	44.45541	18.54942	28.7296	9
1930.69	1932.051	1287.551	102.7728	122.169	102.2413	99.49725	20.00329	16.94106	63.05565	48.20171	14.85394	29.4014	9
1930.695	1932.056	1287.556	105.381	193.6431	100.4614	95.82611	34.31456	0	65.68544	25.98831	39.69713	17.60657	9
1930.7	1932.061	1287.561	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1931	1932.36	1287.86	121.8455	69.68646	121.5117	126.1841	13.62454	43.95864	42.41681	27.14666	15.27016	24.87957	9
1931.005	1932.365	1287.865	115.2695	106.4777	115.628	116.7281	5.406334	43.32548	51.26819	51.26819	0	-9999	9
1931.01	1932.37	1287.87	117.1484	67.34881	117.5316	117.8035	12.95542	45.43607	41.60852	19.86968	21.73883	25.97165	9
1931.015	1932.375	1287.875	118.2114	74.31593	118.4586	117.5316	11.34515	46.23625	42.41861	33.90273	8.515882	26.16151	9
1931.02	1932.38	1287.88	116.8517	56.86757	117.272	117.3091	15.47741	44.60731	39.91528	14.5989	25.31638	25.93193	9
1931.025	1932.385	1287.885	116.0235	56.79118	116.8146	118.2856	13.38395	48.42566	38.19039	13.98308	24.20731	25.43719	9
1931.03	1932.39	1287.89	114.6268	52.37562	114.6021	114.6021	22.06005	32.80825	45.1317	27.96017	17.17154	27.16995	9
1931.035	1932.395	1287.895	112.7109	40.76375	112.303	110.3623	29.60243	23.74412	46.65345	16.86302	29.79044	28.62259	9
1931.04	1932.4	1287.9	115.455	94.52974	115.6651	115.4302	9.276719	40.71042	50.01286	47.43061	2.582254	27.14834	9
1931.045	1932.405	1287.905	122.9332	149.6555	123.6625	123.1186	0	75.02076	24.97924	24.97924	0	-9999	9
1931.05	1932.41	1287.91	128.9405	97.9369	129.9294	130.5969	0	100	0	0	0	-9999	9
1931.055	1932.415	1287.915	114.9976	48.00589	114.0706	111.6849	29.76945	20.50437	49.72618	35.49069	14.23548	29.00902	9
1931.06	1932.42	1287.92	106.7654	75.04931	106.6788	107.1115	24.28451	21.63547	54.08003	21.48336	32.59666	28.44276	9
1931.065	1932.425	1287.925	101.475	171.1833	98.59492	97.72967	27.53706	3.3764	69.08654	41.26766	27.81888	29.49998	9
1931.07	1932.43	1287.93	105.4428	114.2546	105.8507	110.214	12.18178	27.16696	60.65126	50.14202	10.50924	27.82444	9
1931.075	1932.435	1287.935	108.4835	96.48542	108.0014	106.9137	20.58174	21.22639	58.19187	28.78957	29.4023	28.80386	9
1931.08	1932.44	1287.94	117.9518	104.9651	117.8406	118.2856	6.944922	41.65825	51.39682	36.07648	15.32034	-9999	9
1931.085	1932.445	1287.945	115.9494	98.41054	115.455	112.1546	13.34304	31.4521	55.20486	48.24612	6.958745	28.37406	9
1931.09	1932.45	1287.95	116.5303	81.37472	116.6663	117.5563	12.04566	40.99615	46.95819	32.88294	14.07525	26.53749	9
1931.095	1932.455	1287.955	108.261	133.8878	108.8172	107.7171	3.688209	34.21122	62.10057	60.83364	1.266931	-9999	8
1931.1	1932.46	1287.96	100.0288	187.1191	101.1412	98.38478	0	30.56724	69.43276	69.43276	0	-9999	8
1931.105	1932.465	1287.965	92.42691	82.29144	91.06723	87.5197	45.59024	3.821711	50.58805	16.51704	34.07101	30.9924	8
1931.11	1932.47	1287.97	90.88182	72.75749	89.64575	85.39366	48.36098	3.212446	48.42658	26.36808	22.0585	31.48319	8
1931.115	1932.475	1287.975	88.26135	72.66582	87.08708	86.04877	50.31502	2.652846	47.03213	20.42078	26.61135	30.99465	8
1931.12	1932.48	1287.98	89.65811	93.01714	87.09944	84.49132	54.8341	0	45.1659	10.5329	34.633	30.94113	8
1931.125	1932.485	1287.985	91.4875	141.5883	87.68039	84.88687	51.07219	0	48.92781	13.03878	35.88903	28.09296	8
1931.13	1932.49	1287.99	93.26744	165.6218	89.89296	83.35414	40.26568	1.003778	58.73054	28.20251	30.52803	30.28701	8
1931.135	1932.495	1287.995	94.83725	179.8005	94.9485	86.09822	8.375834	18.71059	72.91358	64.24749	8.666094	30.97036	8
1931.14	1932.5	1288	95.83847	147.7457	97.63078	94.55296	2.183777	27.05161	70.76461	70.76461	0	-9999	8
1931.145	1932.505	1288.005	97.91508	88.57102	98.55783	100.6839	23.50257	18.30167	58.19577	38.37097	19.82479	28.40594	8
1931.15	1932.51	1288.01	100.8693	66.40152	101.4997	100.5479	26.2455	19.94942	53.80507	32.26551	21.53956	28.9123	8
1931.155	1932.515	1288.015	98.64436	48.02117	98.75561	100.8817	36.76391	12.87135	50.36474	32.71995	17.64479	29.23488	8
1931.16	1932.52	1288.02	91.265	84.94995	92.29094	90.94362	27.52727	14.06684	58.40589	25.28783	33.11806	29.20925	8
1931.165	1932.525	1288.025	88.69397	67.97524	87.96469	85.59143	47.60348	4.104271	48.29225	34.22187	14.07038	30.94639	8
1931.17	1932.53	1288.03	86.51848	59.63303	84.77562	82.69902	59.47899	0	40.52101	19.80138	20.71963	32.07518	8
1931.175	1932.535	1288.035	86.56793	38.65528	86.04877	84.15758	55.02635	2.076058	42.89759	21.273	21.6246	32.25235	8
1931.18	1932.54	1288.04	84.31827	46.75303	83.0822	81.33934	60.69252	0	39.30748	24.3693	14.93818	32.61437	8
1931.185	1932.545	1288.045	84.34299	79.70933	82.7361	81.10448	55.56822	0.848943	43.58283	19.06832	24.51451	31.53516	8
1931.19	1932.55	1288.05	88.10066	194.1931	83.30469	83.73732	49.12138	0	50.87862	20.02819	30.85044	27.52327	8
1931.195	1932.555	1288.055	91.05487	198.7309	86.56793	82.76082	42.91046	0	57.08954	21.59929	35.49025	28.60071	8
1931.2	1932.56	1288.06	92.00665	170.8777	92.08081	82.26639	13.4267	16.01477	70.55853	54.13681	16.42172	30.66433	8
1931.205	1932.565	1288.065	96.9633	154.3308	96.9015	94.2563	13.92468	17.61194	68.46338	58.82403	9.639352	29.47691	8
1931.21	1932.569	1288.069	99.42309	180.7325	99.50961	108.1127	4.122916	22.36493	73.51216	73.51216	0	-9999	8
1931.215	1932.574	1288.074	104.9236	137.8298	106.9013	111.9321	0	42.57794	57.42206	57.42206	0	-9999	8
1931.22	1932.579	1288.079	106.2338	122.7649	106.1844	109.46	12.93894	24.55575	62.50532	40.13707	22.36825	28.15241	8
1931.225	1932.584	1288.084	104.1696	126.0498	105.1708	104.2932	5.900453	31.42725	62.67229	62.67229	0	-9999	8
1931.23	1932.589	1288.089	106.9631	138.3034	109.5094	112.4637	0	53.18461	46.81539	46.81539	0	-9999	8
1931.235	1932.594	1288.094	108.4217	153.7502	111.6478	114.0829	0	66.30179	33.69821	33.69821	0	-9999	8
1931.24	1932.599	1288.099	112.6862	137.9826	115.3684	117.4079	0	72.33076	27.66924	27.66924	0	-9999	8
1931.245	1932.604	1288.104	116.3078	36.08845	116.6292	117.3585	21.77269	40.34546	37.88185	17.17317	20.70868	26.03656	8
1931.25	1932.609	1288.109	115.9617	38.9303	116.8146	117.9395	17.28416	48.03222	34.68362	12.94721	21.73641	25.25963	8
1931.255	1932.614	1288.114	110.7702	106.0346	112.921	118.4092	0	56.6859	43.3141	43.3141	0	-9999	8
1931.26	1932.619	1288.119	105.4922	109.8391	106.3575	107.4452	9.660422	31.16964	59.16994	42.14481	17.02513	28.34487	8
1931.265	1932.624	1288.124	99.70738	112.5281	99.99168	96.9015	18.8341	19.36125	61.80465	41.93516	19.86949	29.36136	8
1931.27	1932.629	1288.129	100.2636	117.6312	100.0658	99.55905	20.82345	16.92835	62.24821	30.7847	31.4635	28.92674	8
1931.275	1932.634	1288.134	93.08203	143.7885	92.43927	92.83482	24.54909	11.46858	63.98233	29.92153	34.0608	28.50905	8
1931.28	1932.639	1288.139	87.55678	140.4883	84.8127	80.62241	46.71624	1.825943	51.45782	25.30419	26.15363	30.12051	8
1931.285	1932.644	1288.144	89.70755	159.4339	88.29843	86.60501	29.80675	8.044246	62.14901	34.55829	27.59072	28.55481	8
1931.29	1932.649	1288.149	87.81636	148.2804	86.46904	81.90793	33.76681	7.028469	59.20472	38.23019	20.97453	29.16501	8
1931.295	1932.654	1288.154	81.30225	105.6221	79.29982	76.59282	55.16027	1.14216	43.69757	21.13717	22.56039	30.95991	8
1931.3	1932.659	1288.159	83.40358	125.8818	81.03032	78.03902	51.19809	1.745102	47.05681	22.44085	24.61596	30.26623	8

1931.305	1932.664	1288.164	89.99185	170.068	89.28729	81.56183	21.51141	11.59795	66.89065	50.02954	16.86111	29.69628	8
1931.31	1932.669	1288.169	90.49864	135.6602	89.20076	84.08342	33.97003	7.093063	58.9369	41.95147	16.98543	29.61852	8
1931.315	1932.674	1288.174	92.66177	143.269	92.9337	91.06723	17.97257	15.50835	66.51908	41.29849	25.22059	29.09365	9
1931.32	1932.679	1288.179	92.90898	106.8291	94.49115	97.22288	16.40924	19.78016	63.8106	44.97539	18.83521	28.50695	9
1931.325	1932.684	1288.184	95.83847	107.9139	97.55662	100.3501	12.39783	23.91502	63.68714	48.25698	15.43016	28.58366	9
1931.33	1932.689	1288.189	96.06097	98.7314	97.6555	99.81863	15.37327	22.81953	61.8072	42.20866	19.59854	28.53794	9
1931.335	1932.694	1288.194	102.4391	124.2469	102.0312	101.9941	18.84952	17.73421	63.41626	43.64752	19.76874	28.8809	9
1931.34	1932.699	1288.199	102.7358	169.961	99.96696	98.58256	25.81076	4.036761	70.15248	38.39784	31.75463	29.68363	9
1931.345	1932.704	1288.204	101.03	252.9247	98.44659	95.85083	5.865929	10.75393	83.38014	65.3305	18.04964	-9999	9
1931.35	1932.709	1288.209	103.428	304.9489	105.6529	109.769	0	53.10486	46.89514	46.89514	0	-9999	9
1931.355	1932.714	1288.214	107.9149	93.21576	107.5688	106.0855	20.84235	21.71677	57.44089	32.09518	25.34571	28.82734	9
1931.36	1932.719	1288.219	106.1102	73.64366	104.7258	104.6393	35.28593	9.179537	55.53454	39.75447	15.78007	29.88698	9
1931.365	1932.724	1288.224	104.9854	85.92779	103.0695	102.1177	37.46722	5.063099	57.46968	20.94507	36.52461	30.43924	9
1931.37	1932.729	1288.229	107.1609	71.84077	106.4316	104.2561	29.67845	15.77216	54.5494	34.94025	19.60914	29.48681	9
1931.375	1932.734	1288.234	105.4551	67.01268	104.5652	102.9088	33.66151	12.51839	53.8201	24.31253	29.50757	29.80768	9
1931.38	1932.739	1288.239	104.5281	60.10667	103.428	102.0683	37.81418	9.619701	52.56612	29.5167	23.04942	30.25076	9
1931.385	1932.744	1288.244	102.3897	60.24418	102.1301	102.674	33.23413	14.49103	52.27484	29.16398	23.11086	29.2008	9
1931.39	1932.749	1288.249	100.8322	70.14482	101.1536	101.7963	27.76863	17.91123	54.32013	31.38511	22.93502	28.74727	9
1931.395	1932.754	1288.254	99.37364	65.31673	100.14	100.8569	26.83027	19.11485	54.05488	27.77879	26.2761	28.68134	9
1931.4	1932.759	1288.259	95.82611	82.322	97.28468	99.68266	20.61416	20.6185	58.76733	46.00471	12.76262	28.38794	9
1931.405	1932.764	1288.264	96.5554	76.4244	96.71609	98.22409	31.42899	13.32552	55.24549	22.47865	32.76684	28.87183	9
1931.41	1932.769	1288.269	96.03625	68.32665	95.96208	96.54304	35.68638	11.04959	53.26403	21.64549	31.61854	29.37981	9
1931.415	1932.774	1288.274	96.34526	81.0997	96.38235	96.85205	31.44884	12.76725	55.7839	40.37268	15.41123	29.05713	9
1931.42	1932.779	1288.279	98.23646	103.6817	98.78033	99.55905	20.31648	19.0155	60.66802	44.17669	16.49134	28.63785	9
1931.425	1932.784	1288.284	98.75561	77.09666	99.22531	95.66542	26.84721	17.26048	55.89231	33.06625	22.82605	29.53383	9
1931.43	1932.789	1288.289	98.44659	72.06995	99.3242	98.6938	25.18672	19.27284	55.54044	38.32974	17.21069	28.90738	9
1931.435	1932.794	1288.294	99.76919	77.58558	100.0164	101.2278	27.52072	16.81075	55.66853	29.17513	26.4934	28.68094	9
1931.44	1932.799	1288.299	101.475	63.78886	101.0423	98.31062	34.55898	12.65933	52.78169	22.64583	30.13586	29.97419	9
1931.445	1932.804	1288.304	101.4997	64.10971	101.6604	101.2648	29.86039	17.02834	53.11127	36.34592	16.76535	29.05557	9
1931.45	1932.809	1288.309	99.53433	67.89884	99.53433	98.80505	31.99689	14.27287	53.73024	26.1787	27.55154	29.33597	9
1931.455	1932.814	1288.314	99.3242	66.11123	99.46017	98.08813	31.56907	14.86583	53.5651	34.55486	19.01025	29.41027	9
1931.46	1932.819	1288.319	98.19937	66.76822	98.45895	99.83099	31.48696	14.6809	53.83214	32.74006	21.09208	28.90063	9
1931.465	1932.824	1288.324	98.39715	113.3532	98.99046	99.46017	17.44497	20.14964	62.4054	37.12423	25.28116	28.73368	9
1931.47	1932.829	1288.329	97.75439	96.98962	96.87678	96.679	33.39597	9.502239	57.10179	25.429	31.67279	29.34945	9
1931.475	1932.834	1288.334	96.39471	87.71541	96.17221	95.97444	31.81406	11.78189	56.40404	36.32531	20.07874	29.19423	9
1931.48	1932.839	1288.339	97.72967	119.1133	96.2711	93.92256	32.56718	7.649493	59.78332	38.58058	21.20274	29.65825	9
1931.485	1932.844	1288.344	99.08935	73.94924	97.95216	97.32176	39.75529	7.096646	53.14807	21.66362	31.48444	30.1698	9
1931.49	1932.849	1288.349	94.1945	97.31047	94.10797	93.5641	30.4625	11.67312	57.86438	39.69193	18.17245	29.09878	9
1931.495	1932.854	1288.354	89.42325	90.72532	88.00177	86.37015	46.79158	3.285626	49.92279	28.66681	21.25598	30.48324	9
1931.5	1932.859	1288.359	90.23906	166.783	90.32559	81.53711	15.948	14.73459	69.31741	52.19277	17.12464	30.2573	9
1931.505	1932.863	1288.363	91.98193	117.8451	91.66055	86.4814	29.34879	10.62619	60.02502	36.67111	23.35391	29.71869	9
1931.51	1932.868	1288.368	89.65811	132.6655	88.95355	87.96469	30.86983	8.938938	60.19123	26.26898	33.92224	28.73276	9
1931.515	1932.873	1288.373	87.5197	60.84005	87.48262	86.38251	45.04597	5.672696	49.28134	19.85125	29.43009	30.42525	9
1931.52	1932.878	1288.378	88.68161	118.6549	87.61859	81.07976	37.93686	6.286086	55.77706	32.39786	23.3792	30.16059	9
1931.525	1932.883	1288.383	90.49864	162.2911	88.22426	81.15393	35.09322	5.107139	59.79964	31.50026	28.29939	29.73625	9
1931.53	1932.888	1288.388	96.70373	84.67493	97.87799	93.19328	21.44065	20.05766	58.50168	31.94038	26.5613	29.65932	9
1931.535	1932.893	1288.393	98.75561	85.51526	100.1771	102.0188	17.43365	24.21685	58.3495	44.69417	13.65534	28.3579	9
1931.54	1932.898	1288.398	100.5232	78.48703	102.1177	102.5504	16.16716	27.49085	56.34199	44.57313	11.76886	28.44409	9
1931.545	1932.903	1288.403	99.91752	66.11123	100.0658	100.9187	30.92742	15.50441	53.56817	19.8417	33.72646	28.94243	9
1931.55	1932.908	1288.408	105.0349	128.8458	103.9718	100.8569	20.42566	14.91547	64.65886	42.14154	22.51732	29.63016	9
1931.555	1932.913	1288.413	110.7826	171.3361	113.6503	114.0953	0	70.62243	29.37757	29.37757	0	-9999	9
1931.56	1932.918	1288.418	108.1621	74.28537	108.9532	111.4006	16.38286	32.51302	51.10412	39.71619	11.38792	27.30827	9
1931.565	1932.923	1288.423	104.5899	38.70112	104.2561	104.9731	36.99813	14.55327	48.4486	20.46192	27.98667	29.47413	9
1931.57	1932.928	1288.428	105.9619	66.76822	106.6541	107.3463	20.99257	27.36566	51.64177	34.54122	17.10055	27.98423	9
1931.575	1932.933	1288.433	105.7271	45.97381	106.172	106.2338	28.1568	23.29467	48.54853	30.84223	17.7063	28.43623	9
1931.58	1932.938	1288.438	102.6616	29.73248	102.4515	102.4885	39.9846	13.06398	46.95142	27.5277	19.42372	29.97968	9
1931.585	1932.943	1288.443	108.088	83.07066	109.1757	110.523	12.02596	36.14837	51.82567	31.68811	20.13755	27.49839	9
1931.59	1932.948	1288.448	104.0584	77.15778	104.355	103.7123	23.29503	21.88196	54.82301	40.16708	14.65593	28.66018	9
1931.595	1932.953	1288.453	103.6381	49.13652	103.7246	105.0967	32.09135	17.74389	50.16476	21.57579	28.58897	28.7893	9
1931.6	1932.958	1288.458	102.9706	55.35498	102.0683	101.3637	38.86421	9.769564	51.36622	28.98332	22.3829	30.17174	9
1931.605	1932.963	1288.463	104.4415	44.47649	104.5652	104.0707	32.19251	18.66572	49.14177	18.43771	30.70406	29.07057	9
1931.61	1932.968	1288.468	104.7382	48.43369	105.1585	107.6306	28.66285	21.88265	49.4545	24.77381	24.6807	28.13764	9
1931.615	1932.973	1288.473	105.2079	57.23426	105.7023	107.1733	25.52621	23.77977	50.69403	38.11494	12.57909	28.10944	9
1931.62	1932.978	1288.478	106.2462	92.98658	107.7171	109.9173	8.35105	37.22994	54.41901	40.01883	14.40018	27.72682	9
1931.625	1932.983	1288.483	105.6282	54.7591	106.2462	106.8766	24.78059	25.35267	49.86673	20.87373	28.99301	28.12536	9
1931.63	1932.988	1288.488	99.36128	41.75687	99.7321	100.7828	35.60859	14.82541	49.566	28.02333	21.54268	29.27186	9
1931.635	1932.993	1288.493	93.25508	49.12124	93.26744	92.88426	42.22219	8.298945	49.47886	18.54126	30.9376	30.2555	9
1931.64	1932.998	1288.498	87.55678	102.2914	88.4962	88.61981	27.41278	12.14095	60.44626	33.39739	27.04887	28.76127	9
1931.645	1933.003	1288.503	88.36023	135.1713	89.63339	86.43196	16.13019	16.24557	67.62424	39.21162	28.41262	29.48906	9
1931.65	1933.008	1288.508	92.50108	151.0306	93.67535	92.10553	9.249011	20.30233	70.44866	62.68477	7.763888	29.65683	9
1931.655	1933.013	1288.513	93.65062	87.53206	93.09439	91.63583	36.96947	8.36923	54.6613	23.98371	30.67759	29.7109	9
1931.66	1933.018	1288.518	99.52197	102.2914	99.29948	102.2661	25.4096	15.11177	59.47863	30.29691	29.18171	28.3429	9
1931.665	1933.023	1288.523	100.4737	55.85918	101.203	102.6492	28.39429	19.49188	52.11383	34.46925	17.64459	28.55594	9

1931.67	1933.028	1288.528	100.3254	46.61552	100.4861	99.79391	35.17431	14.66705	50.15863	25.66845	24.49018	29.55677	9
1931.675	1933.033	1288.533	98.13757	75.70629	98.05104	98.26118	32.06308	13.07076	54.86616	36.22798	18.63818	29.17218	9
1931.68	1933.038	1288.538	96.75317	133.6128	96.35762	100.6097	21.71824	14.14381	64.13795	37.20884	26.92911	27.99637	9
1931.685	1933.043	1288.543	95.8632	143.1162	97.91508	98.29826	1.269655	28.35307	70.37728	70.37728	0	-9999	9
1931.69	1933.048	1288.548	99.18823	74.48399	98.71852	98.65672	34.36194	11.37722	54.26084	34.83525	19.42559	29.44731	9
1931.695	1933.053	1288.553	102.8717	102.5664	102.1672	98.80505	25.9973	14.38116	59.62154	34.6761	24.94544	29.62451	9
1931.7	1933.058	1288.558	105.7394	105.1026	105.2203	104.5033	21.30831	18.56774	60.12395	35.74393	24.38002	28.92606	9
1931.705	1933.063	1288.563	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1932	1933.357	1288.857	86.08586	80.87052	85.69031	81.40114	44.29581	5.158209	50.54598	32.17069	18.3753	30.6046	-9999
1932.005	1933.362	1288.862	85.75212	122.2454	84.66437	81.07976	39.95468	5.594931	54.45039	34.81822	19.63217	29.49981	-9999
1932.01	1933.367	1288.867	83.63843	148.0513	82.03154	78.43456	39.67767	5.34196	54.98037	24.40386	30.5765	28.92148	-9999
1932.015	1933.372	1288.872	90.10309	123.4372	88.9041	86.32071	36.52554	6.537601	56.93686	33.77817	23.15869	29.3789	-9999
1932.02	1933.377	1288.877	91.05487	141.9398	91.22792	90.43683	20.53896	13.91481	65.54623	41.55592	23.99031	28.75295	-9999
1932.025	1933.382	1288.882	88.87938	154.4683	90.27614	83.57663	10.02472	18.462	71.51328	66.45824	5.055043	30.53138	-9999
1932.03	1933.387	1288.887	85.851	149.4722	83.44066	79.48523	43.52496	3.389446	53.08559	25.65238	27.43321	29.43747	-9999
1932.035	1933.392	1288.892	88.05121	169.9152	86.35779	81.48766	30.99742	7.345801	61.65678	36.80839	24.84839	28.88893	-9999
1932.04	1933.397	1288.897	94.37991	142.5967	93.76187	90.84474	23.45186	12.1659	64.38224	48.88734	15.49491	29.18789	-9999
1932.045	1933.402	1288.902	90.99307	165.8205	91.58638	90.26378	11.55963	17.34887	71.09149	58.48766	12.60384	29.27956	-9999
1932.05	1933.407	1288.907	88.58272	209.2427	89.21312	81.31461	2.981575	18.8198	78.19862	74.65878	3.539846	-9999	-9999
1932.055	1933.412	1288.912	84.73854	129.2125	82.87207	77.68056	45.23626	3.503831	51.25991	20.58544	30.67448	30.04467	-9999
1932.06	1933.417	1288.917	76.02422	63.71246	75.41855	73.09473	59.33329	0.535173	40.13154	19.16005	20.97149	32.00627	-9999
1932.065	1933.422	1288.922	72.34072	89.19745	70.49897	69.10221	66.13431	0	33.86569	6.519132	27.34656	31.69509	-9999
1932.07	1933.427	1288.927	75.51743	111.1836	74.09595	72.95876	54.63404	2.080199	43.28577	21.4577	21.82807	30.00443	-9999
1932.075	1933.432	1288.932	78.75594	78.10506	78.24915	75.51743	52.57073	2.352901	45.07637	32.42816	12.64821	30.91851	-9999
1932.08	1933.437	1288.937	83.52719	94.05609	82.32819	80.88199	49.68559	2.815511	47.49889	27.28701	20.21188	30.33116	-9999
1932.085	1933.442	1288.942	83.97217	98.67028	83.24289	81.96973	44.51934	4.595656	50.88501	28.64557	22.23944	29.68579	-9999
1932.09	1933.446	1288.946	86.18474	78.73149	85.36893	83.60135	47.97953	3.65989	48.36058	30.41494	17.94564	30.58833	-9999
1932.095	1933.451	1288.951	86.01169	38.79279	85.48018	84.88687	55.6006	1.839782	42.55962	13.63794	28.92168	32.07423	-9999
1932.1	1933.456	1288.956	83.21817	47.59336	83.56427	83.0822	49.23941	4.064013	46.69657	23.29077	23.4058	30.82777	-9999
1932.105	1933.461	1288.961	83.45302	51.21443	83.72496	84.72618	48.72182	4.188663	47.08951	19.83714	27.25238	30.44159	-9999
1932.11	1933.466	1288.966	84.7509	78.3648	84.07106	81.17865	48.33365	3.612388	48.05396	16.93745	31.11651	30.75912	-9999
1932.115	1933.471	1288.971	85.99933	86.93619	84.94867	84.73854	47.98469	3.396924	48.61839	15.48066	33.13773	30.17199	-9999
1932.12	1933.476	1288.976	86.69153	72.05467	86.25891	84.03398	46.15941	4.672679	49.16791	17.20352	31.9644	30.57409	-9999
1932.125	1933.481	1288.981	86.72861	54.041	86.70389	86.22182	47.32334	4.886067	47.79059	27.71722	20.07337	30.63043	-9999
1932.13	1933.486	1288.986	86.37015	74.10202	85.92517	86.1971	46.05541	4.644725	49.29986	34.81803	14.48183	30.05708	-9999
1932.135	1933.491	1288.991	85.08464	69.50311	85.82628	86.90167	39.15464	7.722193	53.12317	21.66321	31.45996	29.30493	-9999
1932.14	1933.496	1288.996	84.24411	52.69647	84.10814	84.30591	50.79663	3.372785	45.83059	15.5482	30.28239	30.87443	-9999
1932.145	1933.501	1289.001	80.74602	90.7406	80.12798	79.96729	48.54422	3.456007	47.99977	16.17996	31.81981	29.83159	-9999
1932.15	1933.506	1289.006	78.02666	64.56807	77.97722	79.27509	52.97318	2.281357	44.74546	24.04121	20.70425	30.44938	-9999
1932.155	1933.511	1289.011	75.72756	42.36802	76.02422	76.29616	57.77848	0.84452	41.377	13.35389	28.02311	31.68841	-9999
1932.16	1933.516	1289.016	73.78693	19.54154	73.86109	73.36666	66.8122	0	33.1878	8.132781	25.05502	31.65249	8
1932.165	1933.521	1289.021	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1932.21	1933.566	1289.066	73.37903	33.82719	73.41611	77.16141	64.01773	0	35.98227	20.1229	15.85938	31.04483	2
1932.215	1933.571	1289.071	75.08481	84.72077	73.44083	72.05643	63.16038	0	36.83962	16.0467	20.79293	31.79405	2
1932.22	1933.576	1289.076	79.75716	242.6727	74.9612	68.5707	45.06534	4.403472	50.53118	22.90388	27.6273	27.56484	2
1932.225	1933.581	1289.081	79.28745	110.4808	78.97844	74.73871	42.71409	5.143723	52.14219	26.35294	25.78925	29.60564	2
1932.23	1933.586	1289.086	80.88199	89.31968	80.61005	79.36162	46.08071	4.282979	49.63631	29.59772	20.03859	29.80842	2
1932.235	1933.591	1289.091	82.11806	58.59407	81.96973	78.21207	51.42116	2.948482	45.63035	21.99419	23.63617	31.49201	2
1932.24	1933.596	1289.096	83.76204	77.24945	83.20581	83.19345	48.55536	3.594587	47.85005	23.61357	24.23648	30.21325	2
1932.245	1933.601	1289.101	76.45685	70.14482	76.09839	78.12555	55.46273	1.56855	42.96872	18.29154	24.67718	30.46837	2
1932.25	1933.606	1289.106	73.61388	48.58648	74.20719	73.46555	55.91911	1.216437	42.86445	21.11288	21.75158	31.34573	2
1932.255	1933.611	1289.111	76.09839	35.66064	76.27144	77.01308	60.01847	0.245893	39.73564	20.42758	19.30806	32.14538	2
1932.26	1933.616	1289.116	78.71886	24.56826	78.52109	77.70528	63.16586	0	36.83414	6.75602	30.07812	32.63422	2
1932.265	1933.621	1289.121	80.69658	38.31915	80.67186	80.73366	56.67751	1.419489	41.90301	28.02187	13.88114	31.871	2
1932.27	1933.626	1289.126	77.58167	78.50231	77.14905	75.43091	52.98015	2.250861	44.76899	13.58257	31.18642	30.70567	2
1932.275	1933.631	1289.131	72.97112	64.32361	72.2542	72.76099	62.8564	0	37.1436	18.67451	18.46909	31.61648	2
1932.28	1933.636	1289.136	69.17638	60.82477	69.94274	70.05399	55.69881	1.122333	43.17886	12.79707	30.38179	30.65182	2
1932.285	1933.641	1289.141	70.78327	59.46496	71.74741	74.81287	53.01681	1.776685	45.20651	25.1637	20.04281	29.86761	2
1932.29	1933.646	1289.146	67.56948	57.21899	67.9403	69.8315	61.11521	0	38.88479	12.21648	26.66831	31.08546	2
1932.295	1933.651	1289.151	75.18369	110.4808	73.91054	73.41611	53.96161	2.263274	43.77511	24.49564	19.27947	29.78179	2
1932.3	1933.656	1289.156	84.29355	49.93101	84.70145	85.66559	47.20537	4.906393	47.88824	28.25206	19.63617	30.31426	8
1932.305	1933.661	1289.161	85.90045	38.74696	86.03641	87.43318	50.54107	4.02138	45.43755	21.55644	23.88111	30.8861	8
1932.31	1933.666	1289.166	87.28485	52.42145	87.34665	86.80278	46.53297	5.349696	48.11733	30.32713	17.7902	30.58433	8
1932.315	1933.671	1289.171	85.02283	83.02482	85.5049	84.10814	37.95095	7.738664	54.31038	28.26664	26.04374	29.49715	8
1932.32	1933.676	1289.176	86.60501	78.74677	86.22182	86.45668	44.23634	5.259598	50.50406	23.40973	27.09433	29.81539	8
1932.325	1933.681	1289.181	86.95111	83.34568	87.79164	88.27371	33.32122	10.10052	56.57826	21.72972	34.84854	28.98477	8
1932.33	1933.686	1289.186	84.24411	69.97676	83.55191	82.72374	50.9256	2.850984	46.22341	22.56077	23.66264	30.81383	8
1932.335	1933.691	1289.191	83.84856	128.3569	85.01047	86.30835	22.79215	12.37266	64.83519	32.23286	32.60232	28.2747	8
1932.34	1933.696	1289.196	83.70024	108.1278	83.4901	84.23175	38.45737	6.683021	54.85961	38.62146	16.23814	28.70328	8
1932.345	1933.701	1289.201	87.27249	84.7666	87.40846	85.7274	38.14204	7.795623	54.06234	32.85399	21.20835	29.61151	8
1932.35	1933.706	1289.206	87.42082	128.8153	88.7805	90.96835	17.86203	15.45832	66.67965	47.12534	19.55431	28.42888	8
1932.355	1933.711	1289.211	94.93614	37.79967	95.13391	93.26744	41.9785	9.658893	48.36261	30.25679	18.10581	30.57422	8
1932.36	1933.716	1289.216	95.94972	25.91279	95.96208	95.14627	45.35957	8.604951	46.03548	18.4362	27.59928	30.90791	8

1932.365	1933.721	1289.221	95.48001	41.13044	95.33168	96.32054	43.35437	8.417056	48.22857	19.14432	29.08425	30.23091	8
1932.37	1933.726	1289.226	95.20808	61.16091	95.80139	95.91264	33.00944	13.60541	53.38515	37.10551	16.27964	29.25118	8
1932.375	1933.731	1289.231	98.22409	47.19611	97.95216	97.33412	40.31988	10.07009	49.61003	36.03349	13.57654	30.17017	8
1932.38	1933.736	1289.236	94.96086	52.40617	95.2328	94.83725	37.84621	11.06085	51.09294	17.98452	33.10842	29.78295	8
1932.385	1933.74	1289.24	95.9868	70.75597	95.88792	95.28224	35.33556	11.04073	53.62371	24.43126	29.19245	29.55314	8
1932.39	1933.745	1289.245	90.14018	122.9482	90.67169	93.86076	23.19835	13.59952	63.20213	33.74342	29.45871	28.07513	8
1932.395	1933.75	1289.25	91.10431	114.3157	91.37625	91.06723	26.41212	12.51731	61.07057	27.55294	33.51762	28.77642	8
1932.4	1933.755	1289.255	86.80278	124.9498	86.60501	89.00299	31.43633	9.100735	59.46293	40.51059	18.95235	28.06136	8
1932.405	1933.76	1289.26	93.98436	47.51697	93.70007	92.25386	44.23858	7.187005	48.57442	26.09326	22.48116	30.73263	8
1932.41	1933.765	1289.265	94.08325	37.83023	93.82367	93.44049	46.3002	6.716115	46.98368	19.95512	27.02857	30.8844	8
1932.415	1933.77	1289.27	95.15863	49.13652	95.18336	94.9485	40.37143	9.662571	49.966	19.35164	30.61436	30.04193	8
1932.42	1933.775	1289.275	92.83482	46.90582	92.94606	93.218	42.3786	8.35168	49.26972	16.37302	32.8967	30.14982	8
1932.425	1933.78	1289.28	95.41821	64.6903	95.65306	96.76553	34.74008	12.04565	53.21427	24.99867	28.2156	29.19043	8
1932.43	1933.785	1289.285	100.6097	113.506	99.55905	98.632	28.11325	11.14017	60.74658	26.38201	34.36456	29.27461	8
1932.435	1933.79	1289.29	99.54669	83.57486	98.9781	99.2624	32.59853	11.60871	55.79277	34.84145	20.95132	29.24533	8
1932.44	1933.795	1289.295	97.68022	41.84855	97.43301	96.69136	41.92276	9.457856	48.61938	17.4654	31.15399	30.39897	8
1932.445	1933.8	1289.3	92.53816	68.95308	92.38983	91.5493	39.3278	8.42922	52.24298	31.91715	20.32584	29.8768	8
1932.45	1933.805	1289.305	90.15254	109.2126	88.7805	85.80156	41.26353	4.917175	53.8193	23.87022	29.94907	29.96531	8
1932.455	1933.81	1289.31	87.69275	135.2477	86.28363	83.55191	37.51344	5.905444	56.58111	21.32617	35.25494	29.14387	2
1932.46	1933.815	1289.315	91.24028	186.7371	90.5728	87.84108	16.04153	13.40355	70.55492	44.87083	25.68409	28.98228	2
1932.465	1933.82	1289.32	76.72878	51.96309	76.54337	76.74114	58.27139	0.770723	40.95789	26.09678	14.86111	31.63986	2
1932.47	1933.825	1289.325	72.8846	42.53609	73.11945	72.85987	60.83232	0	39.16768	19.90505	19.26263	32.08962	2
1932.475	1933.83	1289.33	72.26656	40.51929	72.20476	72.32836	64.18808	0	35.81192	24.62777	11.18416	31.56063	2
1932.48	1933.835	1289.335	74.34316	60.84005	73.87345	73.3543	60.52123	0.249891	39.22888	25.42287	13.806	31.83298	2
1932.485	1933.84	1289.34	75.6534	46.46273	75.73992	76.88947	58.48432	0.670942	40.84474	12.07221	28.77253	31.55287	2
1932.49	1933.845	1289.345	86.64209	380.6858	82.34056	81.43822	1.500211	13.46095	85.03884	85.03884	0	-9999	2
1932.495	1933.85	1289.35	96.30818	155.1253	97.61842	98.0016	3.701802	25.19501	71.10319	63.76351	7.339682	-9999	2
1932.5	1933.855	1289.355	77.18613	83.5443	76.07366	74.29372	57.39265	1.070123	41.53723	18.01803	23.5192	31.24247	2
1932.505	1933.86	1289.36	71.38895	44.9043	71.07993	71.31478	65.85022	0	34.14978	9.639761	24.51002	31.32179	2
1932.51	1933.865	1289.365	71.24062	50.38938	70.80799	70.26412	65.61725	0	34.38275	21.8902	12.49255	31.48285	2
1932.515	1933.87	1289.37	76.23435	167.8831	72.8846	71.42603	55.19731	2.447101	42.35559	24.70177	17.65382	28.96149	2
1932.52	1933.875	1289.375	73.24306	43.80423	72.6003	71.06757	66.99714	0	33.00286	8.703736	24.29912	31.64647	2
1932.525	1933.88	1289.38	71.19118	98.54805	69.36179	67.1245	64.83325	0.119652	35.0471	15.96766	19.07944	31.88095	2
1932.53	1933.885	1289.385	92.42691	123.8955	91.41333	89.99185	32.83977	8.151507	59.00873	29.63357	29.37515	29.11176	8
1932.535	1933.89	1289.39	97.53189	81.8178	98.22409	100.6344	25.10619	17.76797	57.12584	41.63522	15.49062	28.38147	8
1932.54	1933.895	1289.395	97.27232	72.81861	98.18701	97.70494	25.79848	18.2761	55.92541	33.2586	22.66681	28.93224	8
1932.545	1933.9	1289.4	96.75317	62.64295	97.12399	97.87799	32.95362	13.78917	53.25721	21.14489	32.11232	29.11967	8
1932.55	1933.905	1289.405	85.82628	66.12651	85.91281	84.35535	44.36664	5.66795	49.96541	28.14873	21.81668	30.29361	8
1932.555	1933.91	1289.41	78.06374	78.04395	78.7065	79.06496	44.31335	4.800207	50.88645	33.00111	17.88534	29.4268	8
1932.56	1933.915	1289.415	92.97078	128.8611	91.62346	91.64819	33.72421	7.1933	59.08249	31.16863	27.91385	28.88549	8
1932.565	1933.92	1289.42	100.3501	60.8095	99.85571	99.99168	36.7938	11.14523	52.06097	36.71741	15.34356	29.66181	8
1932.57	1933.925	1289.425	96.25874	60.59559	96.24638	95.31932	36.87362	11.03768	52.08869	21.28312	30.80557	29.77912	8
1932.575	1933.93	1289.43	87.40846	110.71	87.22304	87.71747	34.22935	8.450458	57.32019	35.77439	21.5458	28.69301	8
1932.58	1933.935	1289.435	81.22809	118.991	78.37276	75.35674	58.60312	0.024121	41.37275	19.38113	21.99162	31.31572	8
1932.585	1933.94	1289.44	76.14783	103.7276	73.94762	74.80051	61.89356	0.188994	37.91745	24.66755	13.2499	31.03687	2
1932.59	1933.945	1289.445	72.56322	70.69486	71.69797	71.9699	62.83938	0	37.16062	15.28664	21.87398	31.64012	2
1932.595	1933.95	1289.45	74.10831	25.60721	74.10831	75.08481	65.62341	0	34.37659	13.84453	20.53206	31.49252	2
1932.6	1933.955	1289.455	75.23313	87.82236	74.31844	72.30364	56.62138	1.410928	41.96769	25.72381	16.24387	30.93548	2
1932.605	1933.96	1289.46	83.18108	266.2631	81.20337	77.27266	14.36504	12.24942	73.38554	60.71779	12.66775	27.71473	2
1932.61	1933.965	1289.465	90.511	143.5899	91.16612	90.94362	16.90396	15.78145	67.31458	45.83022	21.48437	28.80815	2
1932.615	1933.97	1289.47	86.04877	51.53528	85.18352	84.88687	55.06929	1.620388	43.31033	22.29075	21.01958	31.7437	2
1932.62	1933.975	1289.475	75.60396	49.44209	74.49149	71.59908	67.10098	0	32.89902	7.488122	25.41089	31.86287	2
1932.625	1933.98	1289.48	75.3073	48.75455	74.71398	74.19483	63.51688	0	36.48312	17.60803	18.8751	31.89196	2
1932.63	1933.985	1289.485	77.71764	54.22435	77.30974	77.24793	58.53873	0.700002	40.76126	24.60794	16.15332	31.74483	2
1932.635	1933.99	1289.49	78.21207	61.29842	79.13913	80.30103	46.026	4.403573	49.57042	19.42176	30.14866	29.74675	2
1932.64	1933.995	1289.495	77.26029	69.19754	76.43213	75.29494	58.59303	0.706302	40.70066	21.36374	19.33693	31.62207	2
1932.645	1934	1289.5	81.64835	43.95702	80.94379	78.26151	59.70627	0.316334	39.9774	26.38434	13.59306	32.87331	2
1932.65	1934.005	1289.505	80.32576	46.8447	81.07976	82.41472	48.92035	3.889642	47.19001	15.45815	31.73186	30.35533	2
1932.655	1934.01	1289.51	77.91541	36.82183	77.54459	76.25908	62.28081	0	37.71919	14.29757	23.42163	32.54958	2
1932.66	1934.015	1289.515	76.70406	56.25642	77.3839	78.78066	50.54945	2.915956	46.5346	18.95845	27.57615	30.21636	2
1932.665	1934.02	1289.52	79.34926	42.3833	78.89191	78.55817	60.28636	0.21175	39.50189	21.45032	18.05156	32.43883	2
1932.67	1934.025	1289.525	78.55817	41.54297	77.97722	77.01308	62.17548	0	37.82452	6.421144	31.40338	32.42821	2
1932.675	1934.03	1289.53	80.32576	63.40689	79.38634	77.97722	58.03631	0.712762	41.25093	23.05798	18.19295	31.89475	2
1932.68	1934.034	1289.534	85.96225	106.6916	83.21817	78.78066	56.36199	0	43.63801	10.24638	33.39163	31.22371	2
1932.685	1934.039	1289.539	92.57524	150.832	90.64697	81.53711	33.27356	6.033482	60.69296	37.53699	23.15597	30.33361	2
1932.69	1934.044	1289.544	91.31445	195.2474	86.1353	80.20215	48.87923	0	51.12077	20.5118	30.60897	25.98933	2
1932.695	1934.049	1289.549	91.19084	232.6192	86.61737	83.50246	35.25497	1.429616	63.31541	32.74083	30.57458	28.23311	2
1932.7	1934.054	1289.554	99.2624	169.961	99.22531	95.75195	7.835417	20.67993	71.48465	66.08578	5.398866	-9999	2
1932.705	1934.059	1289.559	105.7765	143.2843	107.9149	108.3228	0	46.36389	53.63611	53.63611	0	-9999	2
1932.71	1934.064	1289.564	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1933.045	1934.398	1289.898	102.7234	50.588	102.0806	100.9805	38.23355	11.22486	50.54159	30.78969	19.7519	30.08553	8
1933.05	1934.403	1289.903	102.8099	180.9006	103.4403	101.5862	0	30.06932	69.93068	69.93068	0	-9999	8
1933.055	1934.408	1289.908	98.03868	151.1834	95.76431	93.89784	30.84443	5.343015	63.81256	27.58406	36.22849	29.41321	8

1933.06	1934.413	1289.913	91.17848	105.8819	90.48628	89.2502	35.85695	7.81395	56.3291	21.97372	34.35539	29.31947		8
1933.065	1934.418	1289.918	80.91907	79.69405	79.62119	78.78066	56.32704	1.056202	42.61676	26.85567	15.76109	31.23654		8
1933.07	1934.423	1289.923	77.45807	54.80494	77.01308	77.90305	58.92443	0.594091	40.48148	22.86669	17.6148	31.60514		8
1933.075	1934.428	1289.928	85.23297	202.4284	79.75716	75.77701	55.03548	0	44.96452	18.8925	26.07202	28.07189		8
1933.08	1934.433	1289.933	91.40097	202.2603	85.81392	81.90793	50.26375	0	49.73625	22.00678	27.72947	24.41327		8
1933.085	1934.438	1289.938	96.54304	199.2504	93.83604	84.71382	23.94106	6.172378	69.88656	44.2614	25.62516	30.21831		8
1933.09	1934.443	1289.943	106.6294	97.4327	108.261	108.1003	5.677217	39.9314	54.39138	49.19675	5.194633	-9999		8
1933.095	1934.448	1289.948	110.2758	74.1173	110.6466	110.4736	17.736	31.53192	50.73208	28.63282	22.09927	27.70256		8
1933.1	1934.453	1289.953	110.7084	57.40233	110.1646	109.6825	28.47189	20.56005	50.96806	24.16282	26.80525	28.68222		8
1933.105	1934.458	1289.958	111.0793	78.25785	111.1287	110.3376	18.4855	29.37682	52.13767	33.7575	18.38017	27.9681		8
1933.11	1934.463	1289.963	111.277	59.61775	111.4872	113.4154	21.56911	30.37385	48.05704	22.9234	25.13364	27.23737		8
1933.115	1934.468	1289.968	110.0162	56.43977	110.3253	111.0051	22.73175	29.18683	48.08142	34.79713	13.2843	27.61496		8
1933.12	1934.473	1289.973	110.078	46.75303	110.1151	110.1275	27.12659	25.54345	47.32996	19.91277	27.41719	28.08651		8
1933.125	1934.478	1289.978	114.5403	58.60935	115.3313	116.6169	14.30857	44.78904	40.90238	24.09385	16.80853	25.93543		8
1933.13	1934.483	1289.983	114.6639	78.71621	116.7034	117.5068	0	65.45435	34.54565	34.54565	0	-9999		8
1933.135	1934.488	1289.988	116.0977	66.60015	117.3461	120.2756	7.397506	56.61548	35.98702	25.23184	10.75518	-9999		8
1933.14	1934.493	1289.993	113.1435	111.1072	114.5773	119.6329	0	53.96993	46.03007	46.03007	0	-9999		8
1933.145	1934.498	1289.998	111.3017	87.31816	111.5613	112.2412	14.45969	32.88577	52.65455	38.79405	13.8605	27.57146		8
1933.15	1934.503	1290.003	110.214	101.7108	110.2882	110.1028	13.41434	29.88252	56.70314	31.68948	25.01366	28.16467		8
1933.155	1934.508	1290.008	110.795	68.12803	110.6343	107.8778	22.827	25.79111	51.38189	31.45535	19.92654	28.56387		8
1933.16	1934.513	1290.013	107.7913	160.7785	109.2746	107.6924	0	45.06835	54.93165	54.93165	0	-9999		8
1933.165	1934.518	1290.018	105.863	117.8757	107.3463	108.1374	2.584617	38.29229	59.1231	59.1231	0	-9999		8
1933.17	1934.523	1290.023	103.7246	141.9856	104.7876	104.9978	1.974409	32.35665	65.66894	65.66894	0	-9999		8
1933.175	1934.528	1290.028	104.8494	111.8559	105.9496	103.7864	7.943576	32.44299	59.61343	51.17379	8.43964	-9999		8
1933.18	1934.533	1290.033	105.6776	89.88499	106.2215	105.418	16.80942	27.10622	56.08436	44.71807	11.36629	28.44036		8
1933.185	1934.538	1290.038	104.4786	94.62141	105.9743	107.8902	9.390008	34.27226	56.33773	42.39318	13.94455	28.00746		8
1933.19	1934.543	1290.043	105.2821	108.9071	106.2215	105.7765	9.504515	31.46313	59.03236	50.43169	8.600672	28.61227		8
1933.195	1934.548	1290.048	107.0249	88.52518	108.706	109.6825	7.085755	40.67604	52.23821	52.23821	0	-9999		8
1933.2	1934.553	1290.053	107.9644	65.7751	108.2239	110.6219	22.74351	26.05371	51.20277	22.60519	28.59759	27.66728		8
1933.205	1934.558	1290.058	108.0138	84.10962	108.1374	111.1781	19.31483	25.96854	54.71663	43.71664	10.99999	27.64785		8
1933.21	1934.563	1290.063	103.91	110.3127	104.0336	104.4539	16.74914	22.48908	60.76178	41.29911	19.46267	28.59076		8
1933.215	1934.568	1290.068	100.1029	123.7886	100.4985	101.2401	14.88301	21.29092	63.82606	36.64644	27.17963	28.7264		8
1933.22	1934.573	1290.073	102.7728	116.5006	104.3179	105.3439	5.281379	33.23283	61.48579	56.60889	4.876901	-9999		8
1933.225	1934.578	1290.078	103.428	121.8635	104.1325	101.7716	9.894966	27.51589	62.58914	53.65408	8.935065	29.28345		8
1933.23	1934.583	1290.083	99.74446	121.5273	99.41073	92.20442	21.41196	15.85363	62.73441	40.9914	21.74301	30.16314		8
1933.235	1934.588	1290.088	97.77911	101.5732	97.13635	95.35641	30.44387	11.20351	58.35262	32.42848	25.92414	29.41545		8
1933.24	1934.593	1290.093	99.58378	63.2541	99.13879	98.75561	36.52408	11.06703	52.40889	36.39106	16.01783	29.70753		8
1933.245	1934.598	1290.098	104.6517	75.44656	103.1437	101.7469	37.14946	7.454164	55.39637	24.78738	30.60899	30.3145		8
1933.25	1934.603	1290.103	105.8136	52.72703	104.8742	103.7617	37.17203	11.41308	51.41489	34.62272	16.79217	30.04789		8
1933.255	1934.608	1290.108	102.6987	104.8123	104.1202	108.3228	9.136125	31.2825	59.58138	42.91406	16.66732	27.92687		8
1933.26	1934.613	1290.113	106.0484	81.14554	106.6788	108.9779	17.91264	27.88108	54.20628	38.18622	16.02006	27.73707		8
1933.265	1934.617	1290.117	106.8148	69.48784	107.6677	109.0397	18.30442	30.49333	51.20225	39.61005	11.5922	27.63732		8
1933.27	1934.622	1290.122	103.7864	98.56333	105.3315	106.5676	8.689705	33.75676	57.55354	39.14838	18.40515	28.28634		8
1933.275	1934.627	1290.127	103.6875	110.8475	102.2784	102.7976	28.70309	10.10912	61.18779	38.37296	22.81483	29.22049		8
1933.28	1934.632	1290.132	103.3909	52.42145	102.3897	99.91752	39.95385	9.108553	50.9376	36.15184	14.78576	30.65186		8
1933.285	1934.637	1290.137	102.9335	21.52778	102.7976	103.428	41.14518	13.35105	45.50378	22.61432	22.88946	29.9762		8
1933.29	1934.642	1290.142	95.6407	51.94781	94.50351	93.26744	48.25239	4.011062	47.73655	17.04181	30.69475	31.3551		8
1933.295	1934.647	1290.147	94.29338	34.04109	93.92256	93.36633	47.88601	6.028006	46.08598	23.71158	22.3744	31.18266		8
1933.3	1934.652	1290.152	92.72357	51.99365	93.35397	93.48993	37.22627	11.12599	51.64774	25.55413	26.09361	29.60711		8
1933.305	1934.657	1290.157	90.27614	72.57415	90.37503	92.32803	38.61664	8.44881	52.93455	21.33031	31.60425	29.19351		8
1933.31	1934.662	1290.162	90.93126	55.15635	91.41333	92.32803	39.25937	9.340691	51.39994	19.52963	31.8703	29.60418		8
1933.315	1934.667	1290.167	98.01396	70.26705	97.21051	95.48001	39.04925	8.280215	52.67054	24.17497	28.49557	30.20854		8
1933.32	1934.672	1290.172	101.0794	90.83227	100.6962	99.13879	27.99519	14.51283	57.49199	23.14232	34.34967	29.28339		8
1933.325	1934.677	1290.177	98.92866	188.7997	100.7457	99.92988	0	34.18775	65.81225	65.81225	0	-9999		8
1933.33	1934.682	1290.182	93.19328	88.28072	92.97078	93.2798	34.62257	9.769757	55.60767	34.50354	21.10414	29.17289		8
1933.335	1934.687	1290.187	92.95842	76.71469	93.39105	94.35519	32.56045	12.00618	55.43338	34.47946	20.95392	28.99017		8
1933.34	1934.692	1290.192	95.85083	93.03242	97.25996	98.26118	18.38268	21.07593	60.54139	45.58105	14.96034	28.65538		8
1933.345	1934.697	1290.197	98.85449	95.33951	97.75439	96.9633	34.50752	8.648095	56.84439	31.68077	25.16362	29.59915		8
1933.35	1934.702	1290.202	94.12033	131.5655	92.89662	88.7805	31.05422	8.348597	60.59718	28.71262	31.88456	29.57839		8
1933.355	1934.707	1290.207	90.30087	44.36954	90.72113	91.59874	42.92872	7.924905	49.14637	17.11366	32.03271	30.06147		8
1933.36	1934.712	1290.212	94.92378	48.20451	94.2563	93.972	46.1776	5.831945	47.99046	20.83697	27.15349	30.82319		8
1933.365	1934.717	1290.217	99.48489	48.23507	98.78033	98.2859	42.26137	8.305766	49.43287	34.92332	14.50954	30.45959		8
1933.37	1934.722	1290.222	104.3427	57.55512	104.1943	104.5652	31.22596	17.13151	51.64253	28.01592	23.6266	28.94975		8
1933.375	1934.727	1290.227	106.172	133.6281	105.9743	103.1066	11.51645	23.84687	64.63668	39.93213	24.70455	29.44408		8
1933.38	1934.732	1290.232	108.397	119.8008	109.015	111.0051	6.4932	34.1464	59.3604	56.57709	2.783311	-9999		8
1933.385	1934.737	1290.237	106.4193	119.2355	107.0991	106.6047	7.970527	31.50087	60.5286	54.61153	5.917078	-9999		8
1933.39	1934.742	1290.242	106.9013	68.05163	107.5935	108.1621	19.81773	28.93633	51.24594	37.20698	14.03896	27.85688		8
1933.395	1934.747	1290.247	108.0385	43.25419	107.9273	106.3822	30.99921	20.85372	48.14706	34.3422	13.80486	28.9672		8
1933.4	1934.752	1290.252	107.2845	50.51161	107.2351	105.1214	29.45762	20.98766	49.55471	35.77635	13.77836	29.01582		8
1933.405	1934.757	1290.257	108.0385	68.28081	107.7666	108.0014	26.18811	20.92245	52.88943	26.15623	26.73321	28.51083		8
1933.41	1934.762	1290.262	108.1127	144.4149	106.6294	107.2474	17.08341	14.30153	68.61506	49.59438	19.02068	29.20099		8
1933.415	1934.767	1290.267	105.4675	134.3309	105.7023	101.03	8.641713	26.98149	64.37679	58.07342	6.303377	29.82657		8
1933.42	1934.772	1290.272	109.5836	97.99802	110.3871	107.2969	9.240843	36.86999	53.88917	39.52599	14.36318	28.42757		8

1933.425	1934.777	1290.277	107.4576	77.66198	107.5317	105.9248	21.77007	24.2659	53.96403	22.3002	31.66383	28.59398	8
1933.43	1934.782	1290.282	107.0991	71.24489	107.1115	111.6108	24.13177	22.75099	53.11724	22.68905	30.42819	27.57351	8
1933.435	1934.787	1290.287	100.8817	224.8118	105.9001	111.3636	0	66.70659	33.29341	33.29341	0	-9999	8
1933.44	1934.792	1290.292	96.24638	241.7407	97.69258	99.64558	0	31.79394	68.20606	68.20606	0	-9999	8
1933.445	1934.797	1290.297	92.88426	239.4947	90.98071	84.03398	11.3413	12.18541	76.47329	58.19246	18.28083	29.82219	8
1933.45	1934.802	1290.302	93.03259	200.5491	90.42447	82.93387	26.09002	6.559964	67.35002	38.25373	29.09629	29.48142	8
1933.455	1934.807	1290.307	90.64697	139.4952	87.69275	85.61615	45.74213	1.038513	53.21936	24.95868	28.26068	29.96102	8
1933.46	1934.812	1290.312	94.83725	110.3738	92.47635	90.94362	44.33623	1.718681	53.94508	29.88154	24.06355	30.43904	8
1933.465	1934.817	1290.317	98.3477	92.63517	96.66664	95.12155	40.13061	4.810895	55.05849	28.51739	26.5411	30.31648	8
1933.47	1934.822	1290.322	98.48367	74.13258	97.69258	94.96086	37.58586	8.890306	53.52383	20.98825	32.53558	30.24226	8
1933.475	1934.827	1290.327	94.9485	60.2289	95.08447	94.84962	37.01823	10.85242	52.12935	29.2753	22.85404	29.63801	8
1933.48	1934.832	1290.332	94.35519	166.5233	94.05853	95.6407	15.19369	15.38154	69.42477	44.844	24.58077	28.50574	8
1933.485	1934.837	1290.337	89.37381	253.5359	88.69397	84.83742	1.689174	17.08062	81.2302	81.2302	0	-9999	8
1933.49	1934.842	1290.342	89.69519	330.0061	86.06114	81.48766	5.782873	11.56907	82.64806	77.4343	5.21376	-9999	8
1933.495	1934.847	1290.347	88.91646	201.145	85.097	84.35535	39.12063	2.371982	58.50739	22.10733	36.40006	28.08036	8
1933.5	1934.852	1290.352	88.2119	110.7711	86.53084	81.7596	45.06666	3.427771	51.50557	31.34331	20.16225	30.4986	8
1933.505	1934.857	1290.357	89.15132	60.99284	88.94119	86.28363	44.84905	5.815046	49.33591	22.40542	26.93049	30.73584	8
1933.51	1934.862	1290.362	90.17726	43.1778	90.1649	89.75699	46.68369	5.942847	47.37346	29.52225	17.85121	30.76914	8
1933.515	1934.867	1290.367	91.94484	90.49614	91.11667	87.71747	39.92899	6.517887	53.55313	25.01849	28.53464	30.20695	8
1933.52	1934.872	1290.372	94.42935	73.58255	93.63826	94.21922	41.44894	6.672152	51.8789	34.66191	17.21699	29.87968	8
1933.525	1934.877	1290.377	97.22288	70.67958	96.60484	95.12155	38.24028	8.921546	52.83817	32.12121	20.71696	30.03229	8
1933.53	1934.882	1290.382	97.85327	106.4319	97.55662	96.03625	26.51757	13.64595	59.83649	32.94394	26.89255	29.17282	8
1933.535	1934.887	1290.387	92.53816	321.9542	95.43057	94.30574	0	40.79809	59.20191	59.20191	0	-9999	8
1933.54	1934.892	1290.392	83.24289	391.824	74.15775	71.45075	39.00495	4.762356	56.23269	39.203	17.02969	23.94134	2
1933.545	1934.897	1290.397	80.0291	327.4393	73.10709	67.71781	40.7785	6.088115	53.13339	21.51808	31.6153	25.32164	2
1933.55	1934.902	1290.402	76.30852	232.7567	70.27648	67.4706	60.21732	2.39895	37.38373	18.78058	18.60316	28.51448	2
1933.555	1934.907	1290.407	70.57314	79.51071	69.11457	69.25054	67.13501	0	32.86499	16.64966	16.21533	31.37898	2
1933.56	1934.911	1290.411	69.36179	31.71872	69.27526	70.2394	69.18179	0	30.81821	12.82214	17.99606	30.79546	2
1933.565	1934.916	1290.416	69.79441	38.27331	69.609	70.91924	67.96393	0	32.03607	5.967083	26.06898	30.85149	2
1933.57	1934.921	1290.421	72.04407	62.4596	72.62502	74.41733	54.10184	1.683274	44.21489	16.58559	27.62929	30.2267	2
1933.575	1934.926	1290.426	70.09107	84.29296	69.609	65.44344	58.85335	1.021011	40.12564	15.11765	25.00799	31.4046	2
1933.58	1934.931	1290.431	72.08115	67.48632	70.88216	67.42115	66.64583	0	33.35417	23.05507	10.2991	31.98811	2
1933.585	1934.936	1290.436	75.92534	59.15939	75.52979	76.08603	58.89758	0.625879	40.47654	10.92391	29.55263	31.47468	2
1933.59	1934.941	1290.441	81.56183	63.45272	80.88199	78.55817	54.87632	1.673909	43.44977	13.88021	29.56956	31.60924	2
1933.595	1934.946	1290.446	82.67429	79.25097	82.36528	81.68544	47.15581	4.084972	48.75922	29.85426	18.90496	30.07116	2
1933.6	1934.951	1290.451	84.70145	86.75284	84.59021	84.73854	41.94263	5.930264	52.1271	36.66674	15.46036	29.40751	2
1933.605	1934.956	1290.456	86.74098	95.40063	85.60379	85.22061	45.92455	3.889561	50.18589	30.35742	19.82846	29.87915	2
1933.61	1934.961	1290.461	87.804	64.23194	87.76692	88.91646	43.96358	6.038598	49.99782	16.44992	33.5479	29.84325	2
1933.615	1934.966	1290.466	92.08081	101.3441	90.9189	88.66925	39.76518	5.851599	54.38322	31.38941	22.99381	29.89525	2
1933.62	1934.971	1290.471	96.98802	94.33111	94.89906	94.77545	44.13236	2.319074	53.54857	19.78244	33.76613	30.45695	2
1933.625	1934.976	1290.476	99.05226	36.4857	98.60728	98.43423	43.49102	8.872096	47.63688	33.68985	13.94703	30.54987	8
1933.63	1934.981	1290.481	100.8322	59.14411	101.5368	100.9558	27.46114	19.96064	52.57822	28.54653	24.03169	28.85303	8
1933.635	1934.986	1290.486	103.2426	50.02269	103.6628	103.4527	29.65431	20.07229	50.2734	35.34836	14.92505	28.80448	8
1933.64	1934.991	1290.491	105.7147	53.38401	107.5194	108.9038	15.83738	36.81883	47.34379	28.86511	18.47867	27.27601	8
1933.645	1934.996	1290.496	103.6752	102.1691	106.8395	111.0175	0	48.72158	51.27842	51.27842	0	-9999	8
1933.65	1935.001	1290.501	100.5479	77.83004	100.5479	100.0288	28.66105	15.86283	55.47612	31.18012	24.29601	29.05658	8
1933.655	1935.006	1290.506	98.96574	45.28627	98.96574	99.3242	37.99224	12.25069	49.75707	27.5266	22.23047	29.68239	8
1933.66	1935.011	1290.511	104.0336	42.84166	103.9842	104.3674	34.30455	16.63269	49.06276	28.57997	20.4828	29.16389	8
1933.665	1935.016	1290.516	108.4959	61.87901	109.8308	110.8444	14.86315	38.24828	46.88856	35.3979	11.49066	27.08385	8
1933.67	1935.021	1290.521	109.9792	93.39911	112.2164	115.2572	0	54.68525	45.31475	45.31475	0	-9999	8
1933.675	1935.026	1290.526	106.5058	105.1485	106.6788	112.9457	15.22761	25.8037	58.96869	50.07872	8.889973	27.3081	8
1933.68	1935.031	1290.531	104.4168	110.5113	103.5763	103.8853	23.70689	15.04762	61.24549	46.4491	14.7964	28.91181	8
1933.685	1935.036	1290.536	104.5404	88.296	104.0336	103.7741	26.3828	16.40316	57.21404	33.89329	23.32074	28.95304	8
1933.69	1935.041	1290.541	105.5416	66.11123	105.0967	104.8494	30.35141	16.39485	53.25374	36.4454	16.80833	29.07554	8
1933.695	1935.046	1290.546	109.7196	70.86293	108.3352	105.7765	32.63828	11.40641	55.95532	37.39936	18.55595	30.08441	8
1933.7	1935.051	1290.551	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1934	1935.35	1290.85	80.41228	37.15796	79.78188	78.84247	61.91405	0	38.08595	6.410126	31.67582	32.63171	8
1934.005	1935.355	1290.855	81.0674	85.01106	80.54825	75.13425	48.86873	3.409691	47.72158	29.13492	18.58666	30.94444	8
1934.01	1935.359	1290.859	84.41716	80.3052	83.62607	79.67064	49.03328	3.303594	47.66313	24.58873	23.0744	30.97559	8
1934.015	1935.364	1290.864	82.35292	95.35479	81.45058	78.73122	48.15254	3.441932	48.40553	18.41466	29.99086	30.26373	8
1934.02	1935.369	1290.869	85.10936	67.24186	84.41716	83.88565	50.79142	2.93729	46.27129	32.02798	14.24331	30.81859	8
1934.025	1935.373	1290.873	88.26135	63.37633	87.28485	86.43196	51.03035	2.735706	46.23395	19.9386	26.29535	31.158	8
1934.03	1935.378	1290.878	90.41211	61.63455	89.96713	88.4962	45.35394	5.514921	49.13114	34.31615	14.81499	30.62108	8
1934.035	1935.383	1290.883	90.36267	67.27241	89.46034	88.47148	47.5795	4.011835	48.40866	20.26195	28.14672	30.76655	8
1934.04	1935.387	1290.887	92.50108	67.54743	92.14262	91.42569	41.33061	7.341032	51.32836	28.09384	23.23452	30.05213	8
1934.045	1935.392	1290.892	93.79895	99.86203	93.88548	93.25508	28.86778	12.4533	58.67891	30.14099	28.53792	29.01118	8
1934.05	1935.397	1290.897	93.972	147.104	93.55174	91.00543	21.20365	13.22848	65.56788	31.34755	34.22033	29.094	8
1934.055	1935.401	1290.901	94.59004	99.77035	94.23158	91.70999	31.61081	10.70311	57.68608	36.23858	21.4475	29.49735	8
1934.06	1935.406	1290.906	95.24516	93.78108	94.55296	90.42447	35.04399	8.951381	56.00463	32.25712	23.74751	30.06901	8
1934.065	1935.411	1290.911	94.83725	57.31066	94.3181	92.78537	42.90396	7.158685	49.93735	24.22671	25.71064	30.54131	8
1934.07	1935.416	1290.916	95.49237	55.75222	95.5789	95.51709	37.98441	10.68752	51.32807	22.55829	28.76977	29.71761	8
1934.075	1935.42	1290.92	93.76187	52.65063	93.87312	93.51466	40.13546	9.365027	50.49951	26.33387	24.16564	29.98317	8
1934.08	1935.425	1290.925	93.44049	63.84997	93.05731	90.5728	41.55272	7.490866	50.95641	30.40278	20.55363	30.46328	8

1934.085	1935.43	1290.93	93.58882	62.9638	93.13147	93.14383	42.20548	7.155245	50.63927	26.3591	24.28017	30.08944	8
1934.09	1935.434	1290.934	94.16978	71.6727	94.35519	93.89784	34.58208	11.31387	54.10406	33.51167	20.59238	29.41479	8
1934.095	1935.439	1290.939	93.68771	60.88589	93.83604	93.04495	37.92338	10.05523	52.0214	23.21835	28.80305	29.79703	8
1934.1	1935.444	1290.944	91.52458	70.86293	91.85832	92.83482	36.06208	10.13588	53.80205	20.04752	33.75453	29.2175	8
1934.105	1935.448	1290.948	92.78537	99.02169	93.6259	95.66542	24.1601	15.38406	60.45584	43.67802	16.77781	28.44505	8
1934.11	1935.453	1290.953	91.32681	116.1645	92.21678	92.61232	20.97025	15.59459	63.43516	32.3719	31.06326	28.70033	8
1934.115	1935.458	1290.958	86.8893	191.2596	83.87329	74.92412	37.15116	4.408989	58.43986	27.71051	30.72935	29.37838	8
1934.12	1935.462	1290.962	95.90028	164.7051	95.60362	91.36389	14.2122	16.23396	69.55384	49.58291	19.97093	29.68893	8
1934.125	1935.467	1290.967	99.53433	99.81619	98.81741	96.06097	29.82904	11.7404	58.43056	32.85876	25.57179	29.61606	8
1934.13	1935.472	1290.972	100.0535	48.25035	99.22531	98.66908	42.69252	7.870577	49.4369	33.6882	15.7487	30.55597	8
1934.135	1935.476	1290.976	101.9694	39.37338	101.7345	100.6962	38.47991	12.88269	48.6374	20.782	27.8554	29.99548	8
1934.14	1935.481	1290.981	103.3291	39.83175	102.5874	101.4132	41.04571	10.21637	48.73793	26.9013	21.83663	30.47025	8
1934.145	1935.486	1290.986	102.9088	26.72256	102.5256	103.3538	41.8267	11.75451	46.41879	31.38661	15.03218	30.10434	8
1934.15	1935.49	1290.99	103.6875	34.31611	103.9224	104.8247	34.48285	18.02385	47.4933	25.79085	21.70245	28.98894	8
1934.155	1935.495	1290.995	104.8	54.86606	105.1708	104.1078	27.43254	21.96247	50.60498	22.9343	27.67069	28.72909	8
1934.16	1935.5	1291	105.554	62.0318	105.2079	101.784	30.5609	17.00365	52.43545	33.10758	19.32787	29.6224	8
1934.165	1935.504	1291.004	104.3179	55.67583	104.6764	104.6888	27.77587	21.28535	50.93877	24.09142	26.84736	28.59692	8
1934.17	1935.509	1291.009	98.94102	60.8095	99.33656	99.386	31.1929	15.85825	52.94884	22.22911	30.71973	29.07642	8
1934.175	1935.514	1291.014	97.55662	38.53305	97.74203	97.70494	39.48598	11.74812	48.7659	33.58527	15.18063	29.92123	8
1934.18	1935.519	1291.019	97.33412	39.83175	97.87799	97.34648	36.59832	13.8226	49.57908	27.84521	21.73387	29.67281	8
1934.185	1935.523	1291.023	95.55418	58.56352	96.97566	98.80505	26.90128	18.486	54.61271	35.40469	19.20803	28.58559	8
1934.19	1935.528	1291.028	94.36755	56.39393	94.47879	93.34161	38.67236	10.04235	51.28529	29.23562	22.04967	29.96578	8
1934.195	1935.533	1291.033	92.50108	85.54582	93.35397	93.972	27.58702	14.29911	58.11387	26.79743	31.31644	28.8116	8
1934.2	1935.537	1291.037	91.19084	79.81628	92.04373	93.26744	30.17899	12.86449	56.95652	26.46381	30.49271	28.80406	8
1934.205	1935.542	1291.042	92.84718	76.31745	94.04617	94.57768	26.8196	15.70024	57.48016	26.00982	31.47034	28.85653	8
1934.21	1935.547	1291.047	93.2798	77.87588	93.98436	95.62834	29.87627	13.68674	56.43699	23.83661	32.60038	28.72724	8
1934.215	1935.551	1291.051	93.34161	110.496	95.33168	96.97566	11.96258	22.65543	65.382	53.81914	11.56286	28.93293	8
1934.22	1935.556	1291.056	86.4196	298.6541	91.59874	80.30103	0	41.76292	58.23708	58.23708	0	-9999	8
1934.225	1935.561	1291.061	82.47652	311.1827	85.54198	62.36561	0	29.94046	70.05954	70.05954	0	-9999	2
1934.23	1935.565	1291.065	84.49132	263.8643	82.48888	69.42359	13.93172	12.17144	73.89685	56.75564	17.14121	29.59407	2
1934.235	1935.57	1291.07	82.7979	354.0396	82.84735	66.51882	0	23.7015	76.2985	76.2985	0	-9999	2
1934.24	1935.575	1291.075	80.22687	354.3452	75.62868	68.6325	16.07573	12.24322	71.68105	46.20391	25.47713	26.04768	2
1934.245	1935.579	1291.079	77.61876	310.0215	72.57558	59.38668	32.65018	8.922725	58.4271	26.64498	31.78212	26.68328	2
1934.25	1935.584	1291.084	74.269	121.3745	71.54964	67.5324	63.37493	0.409855	36.21521	15.37254	20.84267	31.64324	2
1934.255	1935.589	1291.089	75.81409	63.5444	73.60152	70.9934	72.02072	0	27.97928	20.71266	7.266625	31.2087	2
1934.26	1935.593	1291.093	77.84125	97.52438	76.60518	80.67186	54.36472	1.865804	43.76948	25.74371	18.02577	29.44701	2
1934.265	1935.598	1291.098	81.21573	128.9681	82.20459	80.64714	26.4076	10.48341	63.10899	44.27878	18.83021	28.56364	2
1934.27	1935.603	1291.103	85.98697	106.4166	88.42204	91.09195	16.26742	16.92277	66.80981	53.02296	13.78685	28.70873	8
1934.275	1935.607	1291.107	92.72357	60.36641	93.35397	94.40463	35.20007	11.69115	53.10879	35.05639	18.05239	29.22261	8
1934.28	1935.612	1291.112	92.92134	54.74383	93.05731	93.218	40.21061	9.056854	50.73254	34.23204	16.5005	29.86552	8
1934.285	1935.617	1291.117	93.70007	58.45657	93.99672	93.71243	37.35035	10.64553	52.00412	31.79469	20.20942	29.66124	8
1934.29	1935.622	1291.122	92.59996	122.6274	93.39105	95.76431	19.00128	16.58101	64.41771	50.18366	14.23405	28.36047	8
1934.295	1935.626	1291.126	91.30209	176.5156	91.24028	87.89052	13.76428	15.36354	70.87217	56.40848	14.46369	29.35161	8
1934.3	1935.631	1291.131	91.24028	136.6227	90.89418	86.4814	25.67852	11.39832	62.92317	45.3004	17.62277	29.33749	8
1934.305	1935.636	1291.136	91.57402	109.671	91.79651	85.99933	27.4872	12.28422	60.22858	36.81867	23.40991	29.82629	8
1934.31	1935.64	1291.14	92.76065	105.9583	92.36511	92.56288	32.08376	9.901997	58.01424	31.01992	26.99432	28.9129	8
1934.315	1935.645	1291.145	94.29338	107.4861	93.44049	91.38861	33.84835	8.591126	57.56053	27.25887	30.30165	29.48632	8
1934.32	1935.65	1291.15	93.13147	99.14392	92.59996	90.82002	34.44543	9.00124	56.55333	40.37815	16.17518	29.46746	8
1934.325	1935.654	1291.154	92.72357	72.31441	91.96956	88.54564	43.03776	5.962027	51.00021	21.9116	29.08861	30.71875	8
1934.33	1935.659	1291.159	93.60118	61.86373	93.02023	89.93004	43.41829	6.491921	50.08979	24.57896	25.51083	30.81637	8
1934.335	1935.664	1291.164	94.8867	58.2885	94.35519	93.41577	42.71764	7.189119	50.09325	33.58156	16.51169	30.40317	8
1934.34	1935.668	1291.168	95.54182	51.29082	95.52946	95.67778	39.78495	9.883292	50.33176	24.3634	25.96836	29.88681	8
1934.345	1935.673	1291.173	96.66664	36.89822	96.93858	97.32176	40.02981	11.39614	48.57404	33.14244	15.4316	29.90829	8
1934.35	1935.678	1291.178	96.93858	48.76983	97.44537	99.0399	35.08659	13.8287	51.08472	19.72808	31.35664	29.13383	8
1934.355	1935.682	1291.182	95.2328	80.36632	95.67778	95.46765	29.48853	14.10631	56.40516	34.24845	22.15671	29.04225	8
1934.36	1935.687	1291.187	94.97322	95.23256	94.80017	96.82733	30.9195	11.59771	57.48279	32.97582	24.50698	28.64955	8
1934.365	1935.692	1291.192	92.88426	116.6228	92.15498	86.72861	31.9757	9.139793	58.88451	37.86255	21.02196	29.87715	8
1934.37	1935.696	1291.196	93.29216	86.66117	92.55052	90.00421	38.94695	7.250303	53.80275	20.24872	33.55403	30.05109	8
1934.375	1935.701	1291.201	95.08447	46.26411	94.91142	94.45407	42.66751	8.365797	48.96669	28.72291	20.24378	30.36078	8
1934.38	1935.706	1291.206	99.11407	49.33514	99.50961	100.6839	33.81049	15.25539	50.93411	29.40645	21.52767	29.06352	8
1934.385	1935.71	1291.21	100.8446	60.44281	101.4379	102.5504	27.99764	19.24653	52.75583	38.83111	13.92472	28.58311	8
1934.39	1935.715	1291.215	106.2462	102.9331	107.5812	110.2511	6.997755	36.54357	56.45868	46.99084	9.467835	-9999	8
1934.395	1935.72	1291.22	107.6801	141.1758	108.3723	110.4489	1.405245	35.15636	63.43839	63.43839	0	-9999	8
1934.4	1935.725	1291.225	105.7147	171.7792	108.57	108.9532	0	55.51304	44.48696	44.48696	0	-9999	8
1934.405	1935.729	1291.229	105.4304	114.1171	106.8642	106.9879	4.275391	36.74292	58.98169	58.98169	0	-9999	8
1934.41	1935.734	1291.234	103.6752	165.1635	105.7518	108.3846	0	42.82118	57.17882	57.17882	0	-9999	8
1934.415	1935.739	1291.239	103.5392	205.3314	105.9372	108.4835	0	48.18614	51.81386	51.81386	0	-9999	8
1934.42	1935.743	1291.243	107.7913	186.1871	108.1003	108.1003	0	34.43076	65.56924	65.56924	0	-9999	8
1934.425	1935.748	1291.248	108.9779	140.7022	108.3723	108.5824	10.38437	23.49581	66.11983	48.78016	17.33967	28.99239	8
1934.43	1935.753	1291.253	112.4266	111.26	113.4278	113.8233	1.883185	46.23208	51.88474	51.88474	0	-9999	8
1934.435	1935.757	1291.257	112.6243	161.9549	115.0471	116.5674	0	69.95308	30.04692	30.04692	0	-9999	8
1934.44	1935.762	1291.262	111.586	183.5286	114.4537	121.0173	0	74.19411	25.80589	25.80589	0	-9999	8
1934.445	1935.767	1291.267	110.1893	198.0587	108.5082	100.3749	3.723873	17.22417	79.05195	72.05533	6.99662	-9999	8

1934.45	1935.771	1291.271	107.2474	184.6745	104.9607	100.9435	14.36334	9.330797	76.30586	51.05685	25.24901	30.54898	8
1934.455	1935.776	1291.276	106.1226	173.9029	103.428	100.1276	21.16615	5.005552	73.8283	53.15779	20.67051	30.31941	8
1934.46	1935.781	1291.281	101.6109	85.14857	100.758	97.79147	32.52189	11.2077	56.27041	24.09918	32.17123	29.90565	8
1934.465	1935.785	1291.285	100.6468	84.24713	99.75683	98.45895	33.91443	10.26359	55.82198	32.30891	23.51307	29.69259	8
1934.47	1935.79	1291.29	101.4132	162.4133	101.1659	100.7333	9.311784	20.59871	70.0895	59.43187	10.65764	29.37568	8
1934.475	1935.795	1291.295	100.1153	110.5877	100.7457	102.5751	16.24613	22.06374	61.69014	42.76662	18.92351	28.41735	8
1934.48	1935.799	1291.299	101.5244	67.83773	100.5603	100.0164	37.65287	9.199585	53.14754	26.36006	26.78748	29.96186	8
1934.485	1935.804	1291.304	101.3514	45.82102	100.5726	99.6703	41.70319	8.898459	49.39835	33.01511	16.38324	30.50106	8
1934.49	1935.809	1291.309	104.8989	39.34283	104.1449	102.8717	39.81559	11.34763	48.83678	27.61914	21.21764	30.31227	8
1934.495	1935.813	1291.313	107.8902	31.93262	107.6924	108.4341	34.54606	19.03012	46.42382	19.20638	27.21744	28.89058	8
1934.5	1935.818	1291.318	111.5242	47.68503	112.3524	113.0693	19.43961	37.684	42.87639	32.34372	10.53267	26.73086	8
1934.505	1935.823	1291.323	112.3895	49.85462	112.9704	114.12	20.03445	36.4668	43.49875	33.03514	10.46361	26.70604	8
1934.51	1935.828	1291.328	111.6108	55.23275	111.9198	113.0446	21.55688	31.87536	46.56777	16.56124	30.00652	27.20004	8
1934.515	1935.832	1291.332	113.1806	51.3825	113.1929	112.7603	23.34351	30.62926	46.02723	27.07282	18.95441	27.5102	8
1934.52	1935.837	1291.337	112.9704	98.93002	114.429	115.3808	0.822234	53.02497	46.1528	46.1528	0	-9999	8
1934.525	1935.842	1291.342	114.4167	178.5477	117.8406	119.7936	0	93.5893	6.4107	6.4107	0	-9999	8
1934.53	1935.846	1291.346	114.8864	210.9845	117.7541	126.0357	0	88.57138	11.42862	11.42862	0	-9999	8
1934.535	1935.851	1291.351	114.3301	212.5582	115.0347	117.4079	0	53.41753	46.58247	46.58247	0	-9999	8
1934.54	1935.856	1291.356	111.6726	142.6884	109.4106	104.6146	20.26125	7.97102	71.76773	48.81515	22.95259	30.76576	8
1934.545	1935.86	1291.36	104.1202	186.4468	105.7641	107.1733	0	41.17601	58.82399	58.82399	0	-9999	8
1934.55	1935.865	1291.365	104.1202	108.6473	104.9236	106.8272	11.69008	28.44438	59.86554	39.52804	20.3375	28.23431	8
1934.555	1935.87	1291.37	101.9323	107.8681	101.1659	100.8569	26.05752	13.58277	60.35971	45.12546	15.23425	29.04777	8
1934.56	1935.874	1291.374	101.0053	56.68423	101.4873	102.7358	29.62155	18.36109	52.01736	35.9365	16.08086	28.65708	8
1934.565	1935.879	1291.379	101.5986	74.46871	102.1672	102.2043	24.10128	20.89554	55.00318	36.34329	18.65989	28.61171	8
1934.57	1935.884	1291.384	106.4687	80.90108	106.308	103.8359	23.71608	20.97487	55.30906	34.5186	20.79046	29.00773	8
1934.575	1935.888	1291.388	107.0126	90.71004	106.9013	105.8012	20.45876	22.7602	56.78104	38.19814	18.5829	28.65942	8
1934.58	1935.893	1291.393	109.2622	65.10283	109.1757	109.1263	24.39444	24.23113	51.37443	19.68206	31.69238	28.22574	8
1934.585	1935.898	1291.398	109.9297	67.9294	109.6949	109.3364	24.24587	23.71981	52.03432	38.79731	13.237	28.31838	8
1934.59	1935.902	1291.402	108.4093	79.98435	109.1757	111.277	14.96787	33.0726	51.95953	40.69402	11.26551	27.37306	8
1934.595	1935.907	1291.407	104.219	83.36096	104.4292	107.0373	22.3166	21.76258	55.92082	29.69123	26.22959	28.04812	8
1934.6	1935.912	1291.412	104.5528	74.54511	104.491	104.5899	26.2505	19.23896	54.51054	38.54995	15.96059	28.68638	8
1934.605	1935.916	1291.416	105.1955	63.94164	105.2203	108.0756	27.55463	20.01207	52.4333	35.47495	16.95835	28.14148	8
1934.61	1935.921	1291.421	104.046	58.97604	104.6022	104.5404	25.69467	22.85086	51.45447	37.75041	13.70406	28.46687	8
1934.615	1935.926	1291.426	103.2796	72.9714	103.7617	107.371	23.58763	22.17451	54.23786	33.68206	20.5558	27.84312	8
1934.62	1935.931	1291.431	102.9088	81.32888	103.1931	106.7406	23.439	20.6865	55.87449	41.92	13.9545	27.95282	8
1934.625	1935.935	1291.435	102.3402	70.25177	102.1548	96.44415	30.283	15.68271	54.03429	36.2305	17.80379	30.09656	8
1934.63	1935.94	1291.44	104.7382	68.02107	104.2685	102.5751	30.81999	15.53031	53.6497	34.67909	18.97061	29.40973	8
1934.635	1935.945	1291.445	109.6825	81.86364	109.9544	109.7814	17.1736	29.93467	52.89173	29.66954	23.22218	27.90374	8
1934.64	1935.949	1291.449	111.3265	142.2606	111.3141	107.2474	3.248376	33.35376	63.39787	63.39787	0	-9999	8
1934.645	1935.954	1291.454	113.9593	215.3084	114.6144	111.4995	0	52.03819	47.96181	47.96181	0	-9999	8
1934.65	1935.959	1291.459	115.6156	255.8124	115.1336	115.0841	0	41.71317	58.28683	58.28683	0	-9999	8
1934.655	1935.963	1291.463	102.3649	421.587	100.9929	99.6703	0	30.66924	69.33076	69.33076	0	-9999	3
1934.66	1935.968	1291.468	94.23158	591.7467	83.62607	88.03885	0	3.489823	96.51018	96.51018	0	-9999	3
1934.665	1935.973	1291.473	89.38617	223.62	84.63965	83.76204	40.43421	0.81407	58.75172	27.62388	31.12785	27.92571	3
1934.67	1935.977	1291.477	92.78537	152.0849	89.93004	87.09944	39.96172	2.251872	57.78641	23.3796	34.4068	29.61376	3
1934.675	1935.982	1291.482	94.80017	200.5949	95.78903	86.50612	0	24.82585	75.17415	75.17415	0	-9999	3
1934.68	1935.987	1291.487	91.35153	367.8363	86.92639	78.48401	1.23505	11.02979	87.73516	87.73516	0	-9999	3
1934.685	1935.991	1291.491	93.5641	149.1666	90.8571	85.7274	38.80196	2.691672	58.50637	28.53186	29.9745	30.05749	3
1934.69	1935.996	1291.496	98.79269	125.4998	98.02632	96.2711	24.67911	12.69516	62.62573	43.90116	18.72457	29.19355	3
1934.695	1936.001	1291.501	103.9718	73.6895	102.9088	100.449	34.75148	10.45643	54.79209	22.01688	32.77521	30.09157	3
1934.7	1936.005	1291.505	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1935.005	1936.291	1291.791	120.8195	91.39759	121.7589	122.3028	0	68.00177	31.99823	31.99823	0	-9999	-9999
1935.01	1936.296	1291.796	117.5934	82.8262	117.7541	117.0495	10.52482	43.87783	45.59734	33.76965	11.82769	26.52032	-9999
1935.015	1936.302	1291.802	105.1585	65.36257	105.0225	106.0361	28.49022	18.65129	52.85849	25.20842	27.65007	28.60175	-9999
1935.02	1936.307	1291.807	115.8134	70.25177	116.2337	117.7417	13.19368	43.04351	43.76282	38.34384	5.418981	26.08494	-9999
1935.025	1936.312	1291.812	117.6428	64.40001	116.1224	113.502	27.96669	15.99751	56.03581	34.04985	21.98595	29.45305	-9999
1935.03	1936.317	1291.817	113.3413	100.519	113.0446	113.1311	13.69953	30.15685	56.14362	34.11559	22.02803	27.93913	-9999
1935.035	1936.322	1291.822	124.2434	199.4032	128.9034	133.4027	0	100	0	0	0	-9999	-9999
1935.04	1936.327	1291.827	121.3634	100.1982	123.1186	124.9727	0	87.82142	12.17858	12.17858	0	-9999	-9999
1935.045	1936.332	1291.832	119.0025	194.6209	121.7095	122.6365	0	100	0	0	0	-9999	-9999
1935.05	1936.337	1291.837	113.5267	272.069	113.1311	116.0977	0	40.7266	59.2734	59.2734	0	-9999	-9999
1935.055	1936.342	1291.842	122.5624	128.7695	124.5277	126.3818	0	100	0	0	0	-9999	-9999
1935.06	1936.347	1291.847	120.733	120.687	121.487	121.3263	0	65.96183	34.03817	34.03817	0	-9999	-9999
1935.065	1936.352	1291.852	115.5168	145.2552	114.5155	112.4637	6.332262	26.68719	66.98055	66.98055	0	-9999	-9999
1935.07	1936.358	1291.858	122.8343	85.74445	122.8096	122.7725	6.43387	53.97235	39.59378	37.68941	1.904376	-9999	-9999
1935.075	1936.363	1291.863	121.66	76.22577	121.5859	121.5982	10.2009	49.13368	40.66542	35.10692	5.558494	25.37953	-9999
1935.08	1936.368	1291.868	119.1261	114.8047	119.3609	118.7676	0.80115	51.0508	48.14805	48.14805	0	-9999	-9999
1935.085	1936.373	1291.873	117.8406	166.3247	120.2386	121.3881	0	89.75562	10.24438	10.24438	0	-9999	-9999
1935.09	1936.378	1291.878	94.35519	256.6069	93.03259	86.17238	1.344494	16.40046	82.25505	82.25505	0	-9999	2
1935.095	1936.383	1291.883	75.35674	71.53519	74.70162	74.0465	58.43745	0.829028	40.73352	26.23396	14.49956	31.31063	2
1935.1	1936.388	1291.888	74.92412	44.70567	75.35674	76.88947	56.89819	1.035889	42.06592	15.94358	26.12234	31.199	2
1935.105	1936.393	1291.893	78.9908	46.05021	79.06496	79.27509	55.60954	1.618631	42.77183	24.64695	18.12487	31.41769	2
1935.11	1936.398	1291.898	90.53572	168.3262	88.22426	83.15636	33.88599	5.378175	60.73583	27.39798	33.33785	29.21812	2

1935.115	1936.403	1291.903	105.4428	265.7131	107.0373	101.0794	0	48.54858	51.45142	51.45142	0	-9999	8
1935.12	1936.408	1291.908	113.6626	127.6999	114.4414	115.0718	0	47.18277	52.81723	52.81723	0	-9999	8
1935.125	1936.414	1291.914	109.6207	165.9274	112.167	115.6898	0	62.41754	37.58246	37.58246	0	-9999	8
1935.13	1936.419	1291.919	102.0312	178.181	102.9088	108.7307	0	30.83398	69.16602	69.16602	0	-9999	8
1935.135	1936.424	1291.924	104.3797	182.4438	106.5058	109.2128	0	45.87582	54.12418	54.12418	0	-9999	8
1935.14	1936.429	1291.929	110.0657	112.2684	111.104	111.6602	3.523793	41.53764	54.93857	54.93857	0	-9999	8
1935.145	1936.434	1291.934	110.4241	124.415	113.057	113.9717	0	63.17263	36.82737	36.82737	0	-9999	8
1935.15	1936.439	1291.939	108.2239	174.7585	112.2412	115.6651	0	76.8354	23.1646	23.1646	0	-9999	8
1935.155	1936.444	1291.944	108.1003	148.4791	111.0793	113.9964	0	61.97832	38.02168	38.02168	0	-9999	8
1935.16	1936.449	1291.949	108.5329	114.163	109.324	111.7838	6.391333	35.86908	57.73959	47.29083	10.44876	-9999	8
1935.165	1936.454	1291.954	102.3155	69.88508	102.402	101.784	28.28698	17.70929	54.00373	33.74951	20.25421	28.96547	8
1935.17	1936.459	1291.959	96.29582	57.35649	96.01152	93.87312	39.73087	9.31887	50.95026	17.52229	33.42797	30.29938	8
1935.175	1936.464	1291.964	95.03503	51.50473	94.84962	91.31445	41.54057	8.621734	49.8377	18.10747	31.73023	30.75813	8
1935.18	1936.47	1291.97	86.51848	34.54529	86.38251	86.28363	53.09679	3.088889	43.81432	21.26914	22.54519	31.61239	8
1935.185	1936.475	1291.975	91.45041	39.6484	91.52458	91.93248	45.69593	6.814467	47.4896	19.66308	27.82652	30.5394	8
1935.19	1936.48	1291.98	92.31567	83.8346	92.19206	91.79651	35.73957	9.417362	54.84307	32.05198	22.79109	29.3642	8
1935.195	1936.485	1291.985	93.09439	155.7059	94.03381	92.09317	9.391856	19.96893	70.63922	65.12754	5.511678	29.64933	8
1935.2	1936.49	1291.99	77.64348	190.679	75.77701	72.32836	36.88882	6.821969	56.28921	32.74412	23.54508	27.46585	2
1935.205	1936.495	1291.995	79.62119	145.8511	79.52231	75.70284	32.2189	8.138388	59.64272	32.88038	26.76234	28.50672	2
1935.21	1936.5	1292	88.19954	117.1423	88.31079	88.97827	29.64582	10.365	59.98918	28.61375	31.37543	28.48343	2
1935.215	1936.505	1292.005	77.00072	177.249	74.03414	68.01447	49.25604	3.750551	46.9934	21.11608	25.87733	28.93014	2
1935.22	1936.51	1292.01	73.40375	103.5137	73.86109	71.31478	43.87381	4.610436	51.51575	33.20959	18.30616	29.16863	2
1935.225	1936.515	1292.015	66.97617	67.80717	65.65357	61.12954	72.22273	0	27.77727	22.38209	5.395185	32.09784	2
1935.23	1936.52	1292.02	66.18508	29.10605	65.77718	64.12084	75.22732	0	24.77268	22.85766	1.915026	31.0544	2
1935.235	1936.526	1292.026	69.29998	40.13732	68.70667	68.03919	71.12897	0	28.87103	12.66869	16.20234	31.09623	2
1935.24	1936.531	1292.031	79.07732	71.3824	77.94013	75.70284	58.78752	0.533527	40.67895	9.879578	30.79937	31.91887	2
1935.245	1936.536	1292.036	77.39626	135.2324	76.27144	71.64852	44.78661	4.569589	50.6438	19.44943	31.19437	29.19136	2
1935.25	1936.541	1292.041	67.28518	29.04494	66.5559	65.14678	76.7207	0	23.2793	15.21351	8.065787	31.13424	2
1935.255	1936.546	1292.046	69.51012	27.19621	69.33707	69.47303	70.81035	0	29.18965	21.40999	7.779658	30.87373	2
1935.26	1936.551	1292.051	73.19361	48.8615	72.55086	70.9934	65.81877	0	34.18123	7.703179	26.47805	31.71651	2
1935.265	1936.556	1292.056	76.61754	74.16314	76.16019	77.68056	55.10883	1.673749	43.21742	12.9894	30.22802	30.41071	2
1935.27	1936.561	1292.061	78.48401	42.1694	78.18735	77.09961	59.88881	0.337086	39.7741	9.553637	30.22046	32.43483	2
1935.275	1936.566	1292.066	79.00316	51.61168	79.1144	78.26151	53.96491	2.086878	43.94821	19.66906	24.27915	31.2585	2
1935.28	1936.571	1292.071	70.51134	41.71104	69.62136	67.9403	71.93279	0	28.06721	21.88449	6.182718	31.32038	2
1935.285	1936.576	1292.076	70.38773	71.79493	68.21224	66.08619	74.72895	0	25.27105	4.389576	20.88147	31.6304	2
1935.29	1936.581	1292.081	85.4431	121.1606	84.51604	80.63477	39.25615	5.942471	54.80138	26.99715	27.80423	29.47689	2
1935.295	1936.587	1292.087	86.0735	139.3118	86.90167	87.2354	20.68062	13.29891	66.02047	43.5721	22.44837	28.43124	2
1935.3	1936.592	1292.092	74.59038	53.67431	74.59038	73.84873	58.38767	0.705421	40.90691	21.32936	19.57755	31.65052	2
1935.305	1936.597	1292.097	76.49393	39.48034	76.74114	77.39626	58.15543	0.777968	41.0666	21.65878	19.40782	31.75153	2
1935.31	1936.602	1292.102	71.35187	47.45585	72.05643	73.88582	57.41161	0.692124	41.89626	10.94278	30.95348	30.98133	2
1935.315	1936.607	1292.107	76.93892	52.68119	76.51865	75.35674	59.7244	0.37734	39.89826	24.79346	15.10479	32.11788	2
1935.32	1936.612	1292.112	90.21434	97.73828	90.25142	90.33795	33.06276	9.852763	57.08448	23.23534	33.84914	28.94483	2
1935.325	1936.617	1292.117	88.63217	74.98819	89.54686	92.27858	33.22238	10.92926	55.84836	20.77843	35.06992	28.65291	2
1935.33	1936.622	1292.122	96.74081	65.68342	96.38235	95.91264	37.88114	9.761079	52.35778	36.63348	15.7243	29.7795	2
1935.335	1936.627	1292.127	95.38113	48.6476	95.925	96.19694	36.26164	12.63757	51.10079	18.84427	32.25652	29.4906	2
1935.34	1936.632	1292.132	91.30209	151.6112	92.26622	91.52458	11.84011	18.31035	69.84955	52.26067	17.58887	29.22299	2
1935.345	1936.637	1292.137	86.03641	174.6363	88.05121	89.21312	2.969817	19.97961	77.05057	77.05057	0	-9999	2
1935.35	1936.643	1292.143	82.93387	86.72229	82.22931	81.7596	48.1744	3.558107	48.26749	20.00246	28.26503	30.02258	2
1935.355	1936.648	1292.148	90.54808	68.67806	90.49864	90.31323	40.45886	7.71327	51.82787	28.3343	23.49357	29.77572	2
1935.36	1936.653	1292.153	98.10049	53.39929	97.89036	96.65428	38.45345	10.77538	50.77117	33.84661	16.92456	30.02288	2
1935.365	1936.658	1292.158	92.22914	298.1957	89.31201	91.40097	5.593606	11.86763	82.53876	77.07163	5.467131	-9999	2
1935.37	1936.663	1292.163	79.93021	453.9475	68.52126	65.61649	45.02832	7.566092	47.40559	29.41188	17.99371	22.1331	2
1935.375	1936.668	1292.168	71.80921	90.75588	69.8933	67.26046	66.82093	0	33.17907	22.72188	10.45719	31.8955	2
1935.38	1936.673	1292.173	76.43213	85.07218	75.76465	72.77335	54.26794	1.938688	43.79337	29.29138	14.50199	30.88489	2
1935.385	1936.678	1292.178	85.20824	78.50231	85.12172	85.03519	43.28143	5.660556	51.05802	17.72158	33.33644	29.69376	2
1935.39	1936.683	1292.183	95.44293	84.20129	96.49359	98.37242	23.67316	17.95192	58.37492	30.53442	27.84051	28.47151	8
1935.395	1936.688	1292.188	94.33046	104.2318	96.09805	96.87678	14.29311	22.15436	63.55253	45.9185	17.63404	28.8939	8
1935.4	1936.693	1292.193	89.99185	178.4866	92.10553	92.41455	0	24.23318	75.76682	75.76682	0	-9999	8
1935.405	1936.699	1292.199	80.57297	263.2837	78.00194	74.00942	22.0837	10.40429	67.512	39.05255	28.45945	26.76554	8
1935.41	1936.704	1292.204	81.20337	170.5263	78.63234	74.29372	43.95103	4.163427	51.88554	18.0687	33.81684	28.69316	8
1935.415	1936.709	1292.209	87.82872	128.25	87.96469	86.4814	27.10733	11.01485	61.87782	37.22322	24.6546	28.73604	8
1935.42	1936.714	1292.214	96.18457	104.6137	94.96086	91.40097	35.67744	7.341316	56.98124	21.72391	35.25733	30.01625	8
1935.425	1936.719	1292.219	91.21556	149.9153	89.93004	87.06235	29.76494	8.322802	61.91226	36.84523	25.06703	28.94514	8
1935.43	1936.724	1292.224	86.23419	118.166	85.62851	83.72496	36.76237	7.031531	56.2061	36.57565	19.63045	29.06338	8
1935.435	1936.729	1292.229	91.07959	142.994	90.89418	84.14522	23.03917	12.43845	64.52238	37.86776	26.65462	29.7367	8
1935.44	1936.734	1292.234	98.03868	53.55208	97.32176	96.41943	42.40096	7.68066	49.91838	33.54256	16.37582	30.48508	8
1935.445	1936.739	1292.239	96.98802	72.92556	97.64314	97.35884	28.04586	16.39988	55.55425	25.76906	29.78519	28.97313	8
1935.45	1936.744	1292.244	91.62346	219.617	93.55174	90.93126	0	27.80605	72.19395	72.19395	0	-9999	8
1935.455	1936.749	1292.249	84.04634	75.00347	83.25525	83.98453	50.65745	2.837655	46.50489	24.38623	22.11866	30.37129	8
1935.46	1936.755	1292.255	93.78659	77.11194	93.77423	93.6259	35.15104	10.41455	54.43441	27.51561	26.9188	29.35523	8
1935.465	1936.76	1292.26	100.4243	99.55645	100.0906	99.29948	26.10346	14.91173	58.98481	30.23325	28.75156	29.0412	8
1935.47	1936.765	1292.265	99.13879	147.3637	99.05226	96.2711	13.80086	18.72697	67.47216	48.27145	19.20071	29.49246	8
1935.475	1936.77	1292.27	97.18579	94.01026	97.54425	97.55662	25.06051	16.21597	58.72352	28.54787	30.17564	28.81325	8

1935.48	1936.775	1292.275	100.7828	70.46568	100.3749	98.70616	33.38842	12.72519	53.88639	24.17144	29.71495	29.63722	8
1935.485	1936.78	1292.28	98.65672	62.56655	97.43301	96.24638	43.57848	5.592529	50.82899	27.74801	23.08098	30.74772	8
1935.49	1936.785	1292.285	103.6381	54.19379	103.5516	104.491	32.20862	16.67123	51.12015	28.01823	23.10192	28.9095	8
1935.495	1936.79	1292.29	104.0089	126.8138	106.3204	101.4502	0	43.08178	56.91822	56.91822	0	-9999	8
1935.5	1936.795	1292.295	96.39471	144.9497	94.91142	90.54808	27.73453	8.771465	63.49401	28.86011	34.63389	29.58608	8
1935.505	1936.8	1292.3	92.15498	91.06146	91.74707	88.54564	36.34181	8.520046	55.13815	21.05335	34.0848	29.86318	8
1935.51	1936.805	1292.305	93.66299	83.49847	93.25508	91.85832	36.78468	8.821946	54.39337	33.30667	21.0867	29.67485	8
1935.515	1936.811	1292.311	99.0399	104.3081	99.36128	100.3007	21.15003	18.40207	60.4479	40.44492	20.00297	28.57133	8
1935.52	1936.816	1292.316	102.5874	96.60765	102.8346	104.4168	20.3246	21.0567	58.6187	30.15992	28.45878	28.32831	8
1935.525	1936.821	1292.321	101.8705	60.79422	102.1424	99.76919	29.45942	18.03312	52.50745	26.69067	25.81678	29.31593	8
1935.53	1936.826	1292.326	103.7246	60.33585	104.3303	105.9743	25.27808	22.93205	51.78987	34.83182	16.95804	28.14287	8
1935.535	1936.831	1292.331	114.8246	80.18297	114.565	113.2671	16.96884	31.72208	51.30909	28.02266	23.28643	27.71394	8
1935.54	1936.836	1292.336	116.3078	113.1851	117.5686	118.1867	0	60.59757	39.40243	39.40243	0	-9999	8
1935.545	1936.841	1292.341	111.2894	122.1079	112.0805	111.2523	1.932726	41.74923	56.31804	56.31804	0	-9999	8
1935.55	1936.846	1292.346	111.2029	134.6823	112.2164	115.4055	0	45.19512	54.80488	54.80488	0	-9999	8
1935.555	1936.851	1292.351	108.1127	171.6875	108.125	108.5824	0	30.87947	69.12053	69.12053	0	-9999	8
1935.56	1936.856	1292.356	100.894	147.7304	99.63322	94.72601	21.19791	12.2018	66.60029	42.3371	24.26319	29.86245	8
1935.565	1936.861	1292.361	112.1052	120.4272	112.748	112.9704	2.738451	41.44548	55.81607	55.81607	0	-9999	8
1935.57	1936.867	1292.367	114.7504	62.82629	114.4043	114.6021	21.90795	29.2097	48.88235	22.53561	26.34674	27.50871	8
1935.575	1936.872	1292.372	109.3611	102.2761	108.7678	103.5145	19.23516	21.45807	59.30677	40.34453	18.96224	29.55529	8
1935.58	1936.877	1292.377	107.0126	91.30592	107.2598	106.3698	17.53649	26.27967	56.18384	30.80116	25.38268	28.42952	8
1935.585	1936.882	1292.382	106.5058	103.7428	105.5293	106.0114	24.47677	15.0816	60.44163	37.482	22.95964	28.91093	8
1935.59	1936.887	1292.387	112.1299	63.22354	113.6132	115.7887	10.0449	48.71052	41.24458	34.68757	6.557016	25.89952	8
1935.595	1936.892	1292.392	112.303	43.71255	112.9704	114.8246	20.92987	36.99974	42.0704	20.04236	22.02803	26.48023	8
1935.6	1936.897	1292.397	111.1905	124.9039	114.0087	115.7393	0	68.19055	31.80945	31.80945	0	-9999	8
1935.605	1936.902	1292.402	105.0596	300.5639	112.7603	114.3548	0	100	0	0	0	-9999	8
1935.61	1936.907	1292.407	107.5441	291.7175	112.8592	115.2572	0	98.57221	1.427788	1.427788	0	-9999	3
1935.615	1936.912	1292.412	93.71243	473.4585	90.21434	82.41472	0	21.21598	78.78402	78.78402	0	-9999	3
1935.62	1936.917	1292.417	99.01518	289.8688	99.11407	89.27493	0	29.44542	70.55458	70.55458	0	-9999	3
1935.625	1936.922	1292.422	101.5491	243.62	98.24882	100.3749	13.19621	5.614559	81.18923	58.56517	22.62405	29.03658	3
1935.63	1936.928	1292.428	100.0411	280.9307	94.13269	87.06235	25.76727	0	74.23273	29.97467	44.25806	22.04113	3
1935.635	1936.933	1292.433	96.35762	96.13401	94.50351	93.89784	42.45591	3.52647	54.01762	30.13046	23.88717	30.23495	3
1935.64	1936.938	1292.438	99.99168	103.4984	100.5232	101.5986	18.84183	20.75277	60.40539	47.40808	12.99732	28.50375	3
1935.645	1936.943	1292.443	92.14262	258.3945	96.22166	99.69502	0	42.47511	57.52489	57.52489	0	-9999	3
1935.65	1936.948	1292.448	87.01291	167.9289	84.77562	84.63965	36.64833	5.261302	58.09036	37.42506	20.66531	28.07846	3
1935.655	1936.953	1292.453	77.23557	65.50008	77.30974	76.04894	52.51748	2.384504	45.09802	31.19535	13.90266	30.76973	3
1935.66	1936.958	1292.458	75.78937	68.4336	75.52979	76.6917	55.72456	1.492072	42.78337	13.57421	29.20916	30.63315	3
1935.665	1936.963	1292.463	81.92029	59.17467	81.30225	79.86841	55.10285	1.64768	43.24947	26.90538	16.3441	31.55968	3
1935.67	1936.968	1292.468	105.5169	90.66421	105.5664	104.2685	20.60051	22.422	56.97749	38.67077	18.30672	28.72803	3
1935.675	1936.973	1292.473	107.9891	229.4107	109.3364	108.0262	0	48.63825	51.36175	51.36175	0	-9999	3
1935.68	1936.978	1292.478	107.3216	194.7279	108.6195	109.1881	0	44.42747	55.57253	55.57253	0	-9999	3
1935.685	1936.984	1292.484	107.9396	145.3316	109.2746	108.2734	0	42.72738	57.27262	57.27262	0	-9999	3
1935.69	1936.989	1292.489	102.3279	71.77965	102.1301	100.3007	30.02043	15.68044	54.29913	21.81373	32.4854	29.35853	3
1935.695	1936.994	1292.494	120.0655	65.80565	120.0531	119.6947	13.71056	45.5921	40.69734	21.73478	18.96256	25.70907	3
1935.7	1936.999	1292.499	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1936	1937.304	1292.804	97.84091	102.9789	97.97688	99.62086	24.01172	16.03891	59.94937	36.98083	22.96854	28.48821	8
1936.005	1937.309	1292.809	97.96452	134.8962	97.98924	96.19694	17.03616	17.61202	65.35182	44.21793	21.1339	29.16447	8
1936.01	1937.314	1292.814	101.2401	162.398	102.3526	106.7159	0	30.51804	69.48196	69.48196	0	-9999	8
1936.015	1937.319	1292.819	92.10553	191.7638	89.76935	84.92395	26.96145	7.023806	66.01475	46.37057	19.64418	28.95105	8
1936.02	1937.325	1292.825	89.44798	164.9343	88.13774	86.50612	27.9481	8.718734	63.33316	45.29979	18.03337	28.41161	8
1936.025	1937.33	1292.83	94.8867	131.7641	94.68893	93.53938	22.35006	13.87753	63.77242	37.21614	26.55628	28.90183	8
1936.03	1937.335	1292.835	95.28224	269.7925	97.58134	102.1919	0	37.62256	62.37744	62.37744	0	-9999	8
1936.035	1937.34	1292.84	94.28102	211.5345	94.14505	98.96574	3.123854	19.18842	77.68773	72.59849	5.089235	-9999	8
1936.04	1937.345	1292.845	92.85954	199.1435	92.95842	92.88426	5.610143	18.5848	75.80506	75.80506	0	-9999	8
1936.045	1937.35	1292.85	91.80888	241.8935	92.11789	94.37991	0	21.75797	78.24203	78.24203	0	-9999	8
1936.05	1937.355	1292.855	91.68527	235.6139	91.1414	90.99307	2.846004	17.43974	79.71426	79.71426	0	-9999	8
1936.055	1937.36	1292.86	80.00438	413.474	78.55817	70.48661	0	23.07483	76.92517	76.92517	0	-9999	8
1936.06	1937.365	1292.865	75.31966	474.2988	65.49288	59.20127	32.08316	13.88931	54.02753	34.49586	19.53167	21.15328	8
1936.065	1937.37	1292.87	71.40131	307.8519	62.84768	59.78222	66.10124	5.766921	28.13184	18.53758	9.594261	27.08423	8
1936.07	1937.375	1292.875	87.54442	481.4645	85.01047	64.61527	0	25.51461	74.48539	74.48539	0	-9999	8
1936.075	1937.381	1292.881	100.004	266.9354	100.4614	99.55905	0	31.28025	68.71975	68.71975	0	-9999	8
1936.08	1937.386	1292.886	97.49481	174.9877	96.83969	92.51344	13.03491	15.9128	71.05229	61.50821	9.54408	29.79714	8
1936.085	1937.391	1292.891	97.50717	126.3096	96.76553	94.55296	25.47422	12.13201	62.39377	41.00517	21.3886	29.23019	8
1936.09	1937.396	1292.896	95.54182	111.2294	96.14749	98.70616	20.49002	17.34855	62.16143	32.5596	29.60183	28.30085	8
1936.095	1937.401	1292.901	95.56654	150.4347	96.09805	95.13391	11.55436	19.60053	68.84511	54.79672	14.04838	29.27107	8
1936.1	1937.406	1292.906	97.08691	88.70853	96.71609	96.24638	32.08645	11.47644	56.43711	23.07392	33.3632	29.2402	8
1936.105	1937.411	1292.911	97.84091	66.75294	98.70616	100.8569	27.12645	18.16656	54.70698	21.57764	33.12934	28.44446	8
1936.11	1937.416	1292.916	97.90272	112.9101	99.46017	101.4379	10.535	25.8605	63.60449	42.91887	20.68562	28.68864	8
1936.115	1937.421	1292.921	97.28468	133.6739	98.33534	96.679	10.00637	23.24642	66.74721	61.38139	5.365818	29.47948	8
1936.12	1937.426	1292.926	98.23646	64.95004	98.02632	98.11285	35.53308	11.65855	52.80837	36.91962	15.88875	29.45969	8
1936.125	1937.431	1292.931	93.93492	208.2649	97.54425	99.52197	0	39.32486	60.67514	60.67514	0	-9999	8
1936.13	1937.437	1292.937	84.07106	249.0745	81.48766	71.36423	22.3999	9.532708	68.06739	33.88248	34.18492	28.47251	8
1936.135	1937.442	1292.942	86.38251	88.25016	85.90045	82.36528	42.90758	5.479514	51.61291	23.06727	28.54564	30.20975	8

1936.14	1937.447	1292.947	98.29826	42.42914	98.78033	100.5108	35.56172	14.54619	49.8921	30.76388	19.12822	29.11801	8
1936.145	1937.452	1292.952	98.70616	85.22497	98.5702	99.42309	29.61964	13.85957	56.52079	32.40878	24.11201	28.86185	8
1936.15	1937.457	1292.957	94.9485	118.441	95.24516	96.65428	21.68556	15.6413	62.67314	31.74358	30.92956	28.48132	8
1936.155	1937.462	1292.962	89.42325	219.9379	90.63461	92.66177	0	22.52878	77.47122	77.47122	0	-9999	8
1936.16	1937.467	1292.967	69.13929	222.6575	63.10726	60.74636	69.25702	3.317525	27.42545	27.42545	0	29.52286	8
1936.165	1937.472	1292.972	84.98575	135.7671	83.24289	84.91159	42.46465	4.344038	53.19131	35.4164	17.77491	28.41289	8
1936.17	1937.477	1292.977	95.43057	167.9442	95.48001	96.92622	11.17819	18.01274	70.80907	63.26882	7.540252	28.8142	8
1936.175	1937.482	1292.982	88.69397	312.6189	94.41699	96.72845	0	49.03568	50.96432	50.96432	0	-9999	2
1936.18	1937.487	1292.987	84.72618	473.6265	90.43683	73.46555	0	53.38518	46.61482	46.61482	0	-9999	2
1936.185	1937.493	1292.993	58.58323	102.0927	56.24705	54.91209	79.50237	0	20.49763	20.49763	0	33.11335	2
1936.19	1937.498	1292.998	56.3583	31.9479	55.32	55.27055	88.46581	0	11.53419	11.53419	0	32.11317	2
1936.195	1937.503	1293.003	64.92428	33.27716	65.5794	66.61771	67.13942	0	32.86058	14.52921	18.33138	30.33266	2
1936.2	1937.508	1293.008	62.93421	68.80029	63.72529	59.02822	59.31994	0.343165	40.3369	13.76825	26.56865	31.48712	2
1936.205	1937.513	1293.013	61.79702	53.73543	62.58811	62.58811	64.01185	0	35.98815	20.76859	15.21956	30.52089	2
1936.21	1937.518	1293.018	65.61649	45.02653	66.86492	67.58184	59.06105	0	40.93895	11.90776	29.03118	30.99671	2
1936.215	1937.523	1293.023	68.96624	74.14786	68.15044	70.18996	64.92979	0	35.07021	17.842	17.22822	31.06028	2
1936.22	1937.528	1293.028	63.81182	26.49338	64.42986	64.98609	70.09194	0	29.90806	5.166095	24.74196	30.18806	2
1936.225	1937.533	1293.033	65.46816	23.34596	65.8637	66.53118	71.05411	0	28.94589	19.99983	8.946062	30.33293	2
1936.23	1937.538	1293.038	64.7636	26.40171	65.33219	66.04911	69.62168	0	30.37832	20.50246	9.875862	30.26689	2
1936.235	1937.543	1293.043	65.24566	18.83872	65.15914	64.33097	76.08559	0	23.91441	6.255242	17.65917	30.70445	2
1936.24	1937.548	1293.048	62.86004	28.26572	62.19256	60.89469	80.50142	0	19.49858	19.00988	0.488697	31.20599	2
1936.245	1937.554	1293.054	72.6003	133.4142	70.41245	63.75002	57.87732	2.019025	40.10365	25.24015	14.8635	30.72823	2
1936.25	1937.559	1293.059	86.97583	180.1214	89.17604	92.08081	0	21.8603	78.1397	78.1397	0	-9999	2
1936.255	1937.564	1293.064	98.18701	97.57021	97.76675	95.80139	29.31301	12.53573	58.15126	30.95132	27.19994	29.36864	2
1936.26	1937.569	1293.069	101.1907	78.51759	101.6233	101.8952	24.55048	19.67899	55.77054	29.44853	26.322	28.62322	2
1936.265	1937.574	1293.074	94.12033	355.0633	98.68144	77.80417	0	55.47141	44.52859	44.52859	0	-9999	2
1936.27	1937.579	1293.079	79.57175	333.8411	72.72391	64.40513	39.07525	6.830355	54.0944	21.00897	33.08542	25.56283	2
1936.275	1937.584	1293.084	69.62136	43.75839	69.46067	70.82035	66.60416	0	33.39584	14.73442	18.66142	30.90199	2
1936.28	1937.589	1293.089	67.80434	38.30387	67.02561	69.97982	74.3856	0	25.6144	9.51221	16.10219	30.36763	2
1936.285	1937.594	1293.094	70.38773	47.47113	71.51255	73.9847	55.03787	1.11663	43.8455	16.55411	27.29139	30.45983	2
1936.29	1937.599	1293.099	68.5707	51.03108	68.5707	71.36423	64.56543	0	35.43457	19.57875	15.85582	30.70997	2
1936.295	1937.604	1293.104	74.30608	76.72997	72.52613	69.15165	66.86433	0	33.13567	20.47239	12.66328	31.82529	2
1936.3	1937.61	1293.11	91.36389	138.3492	92.90898	93.89784	10.49025	20.20117	69.30859	57.06143	12.24716	29.11191	8
1936.305	1937.615	1293.115	102.2908	104.4151	104.3303	107.198	4.817747	35.75344	59.42881	55.54547	3.883339	-9999	8
1936.31	1937.62	1293.12	98.23646	149.4875	97.47009	92.37747	19.38583	13.97905	66.63513	34.58603	32.0491	29.74611	8
1936.315	1937.625	1293.125	95.76431	123.0552	94.30574	91.57402	33.42137	7.203384	59.37525	30.9351	28.44015	29.58505	8
1936.32	1937.63	1293.13	96.9633	83.42207	96.70373	95.6407	32.61733	11.67739	55.70528	32.80691	22.89837	29.38734	8
1936.325	1937.635	1293.135	101.4255	78.13562	101.5491	101.7469	26.82174	17.62526	55.553	30.17223	25.38076	28.76877	8
1936.33	1937.64	1293.14	90.2267	321.725	91.03015	90.60988	0	28.24959	71.75041	71.75041	0	-9999	8
1936.335	1937.645	1293.145	83.03276	179.8617	81.99445	77.73	28.13018	8.941459	62.92836	40.75565	22.17272	28.23174	8
1936.34	1937.65	1293.15	88.50856	151.489	88.64453	87.64331	20.85804	12.94163	66.20033	39.91998	26.28035	28.5757	8
1936.345	1937.655	1293.155	89.78172	240.9767	91.31445	88.02649	0	25.63927	74.36073	74.36073	0	-9999	8
1936.35	1937.66	1293.16	91.56166	164.8273	91.92012	91.57402	13.09698	16.61562	70.2874	52.50411	17.78328	28.93418	8
1936.355	1937.666	1293.166	91.2032	160.5035	92.10553	97.97688	10.25814	18.54713	71.19473	57.79422	13.40051	28.08777	8
1936.36	1937.671	1293.171	92.55052	281.8322	97.00038	105.0101	0	46.89203	53.10797	53.10797	0	-9999	8
1936.365	1937.676	1293.176	85.66559	342.4736	84.89923	89.58394	0	21.45799	78.54201	78.54201	0	-9999	8
1936.37	1937.681	1293.181	85.48018	243.238	85.46782	81.4135	2.590437	17.13853	80.27104	80.27104	0	-9999	8
1936.375	1937.686	1293.186	90.32559	184.0175	91.25264	94.51588	5.183554	19.56842	75.24803	65.71969	9.528339	-9999	8
1936.38	1937.691	1293.191	91.87068	308.0352	96.51831	99.42309	0	48.58841	51.41159	51.41159	0	-9999	8
1936.385	1937.696	1293.196	94.73837	264.4907	96.51831	94.62712	0	33.51892	66.48108	66.48108	0	-9999	8
1936.39	1937.701	1293.201	85.62851	292.3898	83.56427	79.50995	6.461321	14.04963	79.48905	66.16363	13.32542	-9999	2
1936.395	1937.706	1293.206	77.26029	292.7106	71.78449	66.148	40.52204	7.09857	52.37939	34.85233	17.52706	25.70622	2
1936.4	1937.711	1293.211	68.27404	116.3173	67.28518	69.15165	56.70276	2.212208	41.08503	29.44716	11.63787	29.04562	2
1936.405	1937.716	1293.216	66.07383	68.46416	65.24566	64.25681	69.06206	0	30.93794	24.28311	6.65483	31.37233	2
1936.41	1937.722	1293.222	65.4558	52.03948	65.12206	65.5176	69.7736	0	30.2264	14.46898	15.75743	30.81929	2
1936.415	1937.727	1293.227	64.24444	55.11052	63.55224	62.77352	72.92292	0	27.07708	19.6646	7.41248	31.12969	2
1936.42	1937.732	1293.232	75.7152	194.6973	71.80921	66.02439	53.49669	3.341227	43.16208	28.83469	14.3274	28.84178	2
1936.425	1937.737	1293.237	91.16612	143.4676	90.65933	89.95477	25.33563	11.13373	63.53064	28.43798	35.09266	28.57376	8
1936.43	1937.742	1293.242	94.00909	71.22962	93.48993	93.81131	40.29749	7.640252	52.06226	27.5265	24.53576	29.76609	8
1936.435	1937.747	1293.247	99.17587	345.728	100.585	89.83116	0	42.25604	57.74396	57.74396	0	-9999	8
1936.44	1937.752	1293.252	82.82262	434.4059	80.437	68.96624	0	22.50308	77.49692	77.49692	0	-9999	8
1936.445	1937.757	1293.257	74.63982	270.587	69.90566	67.43351	42.53906	7.278856	50.18209	33.5706	16.61149	25.39354	8
1936.45	1937.762	1293.262	81.36406	104.4304	80.80782	80.7213	44.18372	4.708395	51.10788	20.43348	30.6744	29.14553	8
1936.455	1937.767	1293.267	91.31445	101.3441	91.70999	90.11546	28.39998	12.33152	59.26849	26.29296	32.97554	29.10283	8
1936.46	1937.772	1293.272	93.1562	263.2226	92.56288	91.30209	0	19.79858	80.20142	80.20142	0	-9999	8
1936.465	1937.778	1293.278	98.0016	224.8729	98.31062	95.55418	0	25.48329	74.51671	74.51671	0	-9999	8
1936.47	1937.783	1293.283	95.12155	387.2251	97.63078	96.24638	0	46.59479	53.40521	53.40521	0	-9999	8
1936.475	1937.788	1293.288	89.85588	239.5405	91.36389	96.01152	0	25.49745	74.50255	74.50255	0	-9999	8
1936.48	1937.793	1293.293	96.07333	233.0165	97.03746	91.57402	0	28.1366	71.8634	71.8634	0	-9999	8
1936.485	1937.798	1293.298	84.28119	323.696	81.32698	77.02544	7.022044	13.57495	79.403	59.78139	19.62161	-9999	8
1936.49	1937.803	1293.303	73.08237	318.1651	65.97495	62.39033	50.85079	7.582163	41.56705	31.68885	9.878198	24.86342	8
1936.495	1937.808	1293.308	87.804	228.1426	88.73105	93.65062	0	20.75259	79.24741	79.24741	0	-9999	8
1936.5	1937.813	1293.313	91.16612	318.547	97.85327	102.8965	0	59.92318	40.07682	40.07682	0	-9999	8

1936.505	1937.818	1293.318	86.02405	261.0072	84.45424	81.68544	9.860181	13.5067	76.63312	66.88051	9.75261	28.37319	8
1936.51	1937.823	1293.323	90.48628	123.8191	91.77179	92.27858	16.82565	17.23108	65.94327	49.75882	16.18446	28.8013	8
1936.515	1937.828	1293.328	95.925	160.1368	95.85083	95.88792	13.57068	17.16669	69.26264	50.48268	18.77995	28.92864	8
1936.52	1937.834	1293.334	100.3749	104.5984	100.7457	102.6492	19.46843	20.10727	60.42429	41.67571	18.74858	28.34697	8
1936.525	1937.839	1293.339	102.1054	110.2058	101.7098	102.8346	22.45873	16.59105	60.95022	30.93421	30.01601	28.6063	8
1936.53	1937.844	1293.344	99.52197	125.9123	99.69502	100.8569	16.62786	19.33385	64.03829	48.97121	15.06708	28.60411	8
1936.535	1937.849	1293.349	99.06462	122.0315	100.2513	100.4614	10.13253	25.46382	64.40364	48.32403	16.07961	29.00618	8
1936.54	1937.854	1293.354	98.13757	103.04	100.0782	101.1783	9.737833	28.09979	62.16237	59.00297	3.159407	28.83548	8
1936.545	1937.859	1293.359	92.37747	81.02331	92.99551	93.66299	30.61531	12.75823	56.62647	24.70595	31.92051	28.89718	8
1936.55	1937.864	1293.364	97.60606	129.4723	99.07699	101.8211	7.47045	26.02806	66.50148	64.72891	1.772576	-9999	8
1936.555	1937.869	1293.369	98.68144	126.3554	99.80627	97.17343	9.917658	24.85936	65.22298	54.83811	10.38487	29.58261	8
1936.56	1937.874	1293.374	93.82367	101.6955	93.39105	92.08081	32.42476	10.01939	57.55585	25.54984	32.00601	29.25692	8
1936.565	1937.879	1293.379	93.45285	182.2604	94.6642	98.64436	0.528378	23.48618	75.98544	75.98544	0	-9999	8
1936.57	1937.884	1293.384	83.79912	363.5888	85.01047	81.73488	0	28.38089	71.61911	71.61911	0	-9999	2
1936.575	1937.889	1293.389	64.23208	126.5235	62.79824	62.30381	61.4001	1.991998	36.6079	25.19734	11.41056	29.64706	2
1936.58	1937.895	1293.395	60.22721	39.4345	59.85639	60.35081	77.92169	0	22.07831	7.848761	14.22955	30.70299	2
1936.585	1937.9	1293.4	62.98365	39.41922	63.26795	62.83532	70.31229	0	29.68771	13.19209	16.49562	30.53341	2
1936.59	1937.905	1293.405	67.70545	53.59792	67.50768	69.10221	66.27302	0	33.72698	11.44933	22.27765	30.80704	2
1936.595	1937.91	1293.41	72.48905	234.8652	71.20354	69.78205	26.43544	10.28559	63.27897	34.87875	28.40022	25.90896	2
1936.6	1937.915	1293.415	70.25176	339.8762	60.734	57.56965	66.88101	7.375612	25.74338	10.97513	14.76825	26.24955	2
1936.605	1937.92	1293.42	72.92168	285.7282	66.5559	62.71171	53.10059	6.37143	40.52798	23.07954	17.44844	25.93616	2
1936.61	1937.925	1293.425	70.94396	296.24	69.2629	67.49532	16.06968	13.66233	70.26799	40.93903	29.32896	25.4244	2
1936.615	1937.93	1293.43	69.49776	296.2095	64.93665	59.10238	39.72797	9.888606	50.38342	16.98462	33.3988	24.71415	2
1936.62	1937.935	1293.435	62.04423	41.97078	61.38912	59.89347	77.83955	0	22.16045	16.138	6.022456	31.23556	2
1936.625	1937.94	1293.44	68.26168	157.5852	63.31739	60.72164	77.3819	0.236636	22.38147	8.096741	14.28472	33.17296	2
1936.63	1937.945	1293.445	83.52719	213.0013	82.64957	71.26534	18.41017	11.75645	69.83339	48.16254	21.67085	29.5619	8
1936.635	1937.951	1293.451	94.10797	138.3645	94.59004	98.43423	16.20042	17.30145	66.49813	42.79207	23.70606	28.12096	8
1936.64	1937.956	1293.456	98.64436	116.9742	99.55905	101.784	13.85054	22.77344	63.37602	46.78012	16.5959	28.45992	8
1936.645	1937.961	1293.461	95.925	150.0681	97.34648	99.21295	4.416029	25.08424	70.49973	61.89293	8.606801	-9999	8
1936.65	1937.966	1293.466	101.7098	91.61149	102.1795	103.3538	20.61675	21.43277	57.95048	40.59369	17.3568	28.37861	8
1936.655	1937.971	1293.471	100.449	82.93315	100.8817	99.53433	24.16422	19.16237	56.67341	38.82271	17.8507	28.94716	8
1936.66	1937.976	1293.476	97.45773	167.822	99.33656	101.92	0	31.09063	68.90937	68.90937	0	-9999	8
1936.665	1937.981	1293.481	83.29233	374.5743	83.0204	79.31218	0	24.33866	75.66134	75.66134	0	-9999	2
1936.67	1937.986	1293.486	67.85378	53.62848	67.4706	67.39643	67.5661	0	32.4339	7.686269	24.74763	31.08898	2
1936.675	1937.991	1293.491	69.86858	49.13652	69.12693	65.78954	69.57761	0	30.42239	23.55139	6.870996	31.69552	2
1936.68	1937.996	1293.496	68.68195	42.53609	68.31113	66.29633	69.39274	0	30.60726	24.58799	6.019262	31.34702	2
1936.685	1938.001	1293.501	75.22077	87.92931	75.39382	74.42969	48.17686	3.523357	48.29979	31.67917	16.62062	29.64202	2
1936.69	1938.007	1293.507	88.4962	176.1948	90.33795	90.72113	1.670812	21.4735	76.85568	76.85568	0	-9999	2
1936.695	1938.012	1293.512	102.4391	161.7105	102.538	102.7481	5.855723	24.13321	70.01107	64.8603	5.150765	-9999	2
1936.7	1938.017	1293.517	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1937	1938.322	1293.822	130.1889	66.14179	130.8441	132.9083	0	98.90705	1.092948	1.092948	0	-9999	-9999
1937.005	1938.327	1293.827	120.1768	147.5012	121.4994	124.0951	0	77.1553	22.8447	22.8447	0	-9999	-9999
1937.01	1938.332	1293.832	115.4179	181.7257	116.1595	114.5897	0	54.53339	45.46661	45.46661	0	-9999	-9999
1937.015	1938.337	1293.837	114.4661	160.8243	115.6156	115.7145	0	56.79141	43.20859	43.20859	0	-9999	-9999
1937.02	1938.342	1293.842	112.2782	140.0452	112.785	110.8691	0	41.36747	58.63253	58.63253	0	-9999	-9999
1937.025	1938.348	1293.848	110.5477	164.9037	111.1534	108.9285	0	40.91067	59.08933	59.08933	0	-9999	-9999
1937.03	1938.353	1293.853	106.889	133.3378	106.7283	103.8853	10.63974	25.01368	64.34657	51.35672	12.98985	29.38911	-9999
1937.035	1938.358	1293.858	106.1597	158.5478	106.617	103.3538	0.420089	31.62706	67.95285	67.95285	0	-9999	-9999
1937.04	1938.363	1293.863	101.4255	184.4606	102.5256	101.7469	0	32.16835	67.83165	67.83165	0	-9999	-9999
1937.045	1938.368	1293.868	101.6851	139.9993	101.4008	103.1684	14.77317	19.05601	66.17082	46.50366	19.66717	28.6039	-9999
1937.05	1938.373	1293.873	107.6924	118.548	107.3587	107.371	14.82085	23.28916	61.88999	36.02781	25.86218	28.65587	-9999
1937.055	1938.378	1293.878	107.9396	185.087	107.2722	97.0251	1.077454	24.7723	74.15025	74.15025	0	-9999	-9999
1937.06	1938.383	1293.883	102.538	66.87517	102.6122	99.37364	28.90648	17.64497	53.44854	33.43935	20.00919	29.45661	-9999
1937.065	1938.388	1293.888	100.4243	50.45049	100.5974	101.8705	34.05948	15.1094	50.83112	31.52224	19.30888	29.0399	-9999
1937.07	1938.393	1293.893	104.3674	44.62928	104.1078	103.5392	35.19343	15.35208	49.45448	27.8377	21.61678	29.45958	-9999
1937.075	1938.398	1293.898	110.7826	91.51982	113.0941	114.4537	0	57.83999	42.16001	42.16001	0	-9999	-9999
1937.08	1938.404	1293.904	107.062	126.0193	109.9668	112.6614	0	56.59595	43.40405	43.40405	0	-9999	-9999
1937.085	1938.409	1293.909	106.8642	127.6847	106.889	108.6071	10.59361	26.37662	63.02976	57.4125	5.617261	28.43807	-9999
1937.09	1938.414	1293.914	106.2957	61.13035	105.9619	104.046	30.00094	17.84263	52.15644	32.46674	19.68969	29.23219	-9999
1937.095	1938.419	1293.919	103.7741	91.56566	103.1313	100.4243	27.35035	14.84361	57.80604	35.68861	22.11743	29.48033	-9999
1937.1	1938.424	1293.924	103.0077	111.7489	101.9818	99.84335	26.14072	12.66958	61.1897	28.7492	32.4405	29.44504	-9999
1937.105	1938.429	1293.929	102.3773	106.2333	102.2908	101.784	20.775	18.90012	60.32488	47.65967	12.66521	28.80925	-9999
1937.11	1938.434	1293.934	107.8284	89.93083	107.6801	107.1609	20.18418	23.36213	56.45369	33.1426	23.3111	28.47561	-9999
1937.115	1938.439	1293.939	107.9891	133.9795	108.0385	109.6578	7.843828	28.54326	63.61291	50.48419	13.12873	-9999	-9999
1937.12	1938.444	1293.944	110.6714	147.5929	110.5725	107.7048	3.231241	31.68832	65.08044	65.08044	0	-9999	-9999
1937.125	1938.449	1293.949	111.5242	237.9821	111.277	108.2981	0	37.30227	62.69773	62.69773	0	-9999	-9999
1937.13	1938.454	1293.954	110.4241	243.1005	108.1745	105.0472	0	14.49188	85.50812	85.50812	0	-9999	-9999
1937.135	1938.46	1293.96	108.706	178.1504	106.3945	103.428	14.79187	9.026502	76.18163	47.94358	28.23805	30.42529	-9999
1937.14	1938.465	1293.965	109.7072	157.5852	109.9297	105.7271	0	34.53192	65.46808	65.46808	0	-9999	-9999
1937.145	1938.47	1293.97	107.334	153.7197	105.8383	104.5652	15.64387	14.33743	70.01869	39.65982	30.35887	29.56708	-9999
1937.15	1938.475	1293.975	103.4898	108.2959	104.3056	107.9149	12.25929	27.6218	60.11891	36.00682	24.11208	27.92769	-9999
1937.155	1938.48	1293.98	102.9583	76.39384	103.9224	106.8024	19.31903	25.95075	54.73022	36.60116	18.12906	27.79409	-9999
1937.16	1938.485	1293.985	103.1684	101.3746	104.3921	106.5058	11.06865	30.12937	58.80198	36.90384	21.89814	28.14782	-9999

1937.165	1938.49	1293.99	101.8829	104.629	101.7963	103.3785	21.61811	18.31007	60.07182	46.48388	13.58794	28.4384	-9999
1937.17	1938.495	1293.995	102.093	85.25552	101.0794	98.84213	33.29784	10.3833	56.31885	34.14971	22.16914	29.85237	-9999
1937.175	1938.5	1294	100.9435	47.60864	100.7951	99.01518	36.76028	13.13926	50.10047	34.11137	15.9891	29.91282	-9999
1937.18	1938.505	1294.005	100.3501	112.849	101.957	103.8606	7.914981	29.64299	62.44203	56.59993	5.842093	-9999	-9999
1937.185	1938.51	1294.01	95.81375	164.3384	97.58134	101.3884	0	27.99133	72.00867	72.00867	0	-9999	-9999
1937.19	1938.516	1294.016	93.58882	87.34872	94.02145	95.20808	29.40705	13.19879	57.39416	37.01164	20.38252	28.72382	-9999
1937.195	1938.521	1294.021	96.71609	103.2692	96.12277	96.9015	30.62825	10.95596	58.41579	40.84418	17.5716	28.8752	-9999
1937.2	1938.526	1294.026	92.74829	97.55493	92.04373	90.69641	36.52363	7.902981	55.57339	21.50415	34.06924	29.49795	-9999
1937.205	1938.531	1294.031	95.55418	72.63526	95.04739	91.75943	38.44005	8.670861	52.88909	27.08869	25.80041	30.2851	-9999
1937.21	1938.536	1294.036	90.64697	83.48319	91.2032	89.70755	32.09105	11.38538	56.52357	40.58576	15.93781	29.31503	-9999
1937.215	1938.541	1294.041	88.2119	199.6324	87.82872	84.61493	13.50368	14.08399	72.41233	52.96967	19.44265	28.96957	-9999
1937.22	1938.546	1294.046	85.96225	164.751	85.03519	77.82889	28.22967	9.0364	62.73393	39.73141	23.00252	29.19482	-9999
1937.225	1938.551	1294.051	91.04251	129.7167	89.50978	86.20946	36.7281	5.903065	57.36883	36.84661	20.52223	29.48141	-9999
1937.23	1938.556	1294.056	91.99429	97.81467	92.26622	93.13147	29.5866	11.98598	58.42742	39.4151	19.01231	28.7061	-9999
1937.235	1938.561	1294.061	91.5493	55.87445	91.85832	91.35153	39.85813	9.028512	51.11335	19.06871	32.04464	29.89283	-9999
1937.24	1938.566	1294.066	90.14018	84.10962	90.23906	91.04251	35.95014	9.149199	54.90066	22.40651	32.49415	29.07031	-9999
1937.245	1938.571	1294.071	94.39227	73.76589	94.68893	95.45529	33.00867	12.19657	54.79476	31.42648	23.36828	29.04706	-9999
1937.25	1938.577	1294.077	95.54182	94.36167	94.47879	92.68649	37.50443	7.214686	55.28088	37.8332	17.44768	29.83461	-9999
1937.255	1938.582	1294.082	94.21922	94.05609	94.45407	97.00038	28.73663	13.11551	58.14787	35.33243	22.81544	28.42549	-9999
1937.26	1938.587	1294.087	90.10309	172.9251	92.25386	97.12399	0	24.14171	75.85829	75.85829	0	-9999	-9999
1937.265	1938.592	1294.092	84.91159	217.096	86.71625	83.81148	0	21.2195	78.7805	78.7805	0	-9999	-9999
1937.27	1938.597	1294.097	87.21068	152.9557	86.56793	87.39609	27.73226	9.603688	62.66406	40.71373	21.95033	27.95304	-9999
1937.275	1938.602	1294.102	89.13896	158.7158	90.2267	97.72967	11.15291	17.6568	71.19029	49.95685	21.23345	27.6964	-9999
1937.28	1938.607	1294.107	94.9485	131.7641	97.53189	99.52197	0.739174	29.55175	69.70907	69.70907	0	-9999	-9999
1937.285	1938.612	1294.112	101.03	89.76276	102.402	102.0065	14.69651	27.30819	57.9953	36.82698	21.16832	28.61115	-9999
1937.29	1938.617	1294.117	103.0324	36.25652	102.093	100.2265	43.71657	8.243112	48.04032	33.15155	14.88877	31.01254	-9999
1937.295	1938.622	1294.122	103.0324	34.9731	101.9818	99.81863	44.88932	7.317382	47.7933	16.46249	31.33081	31.28244	-9999
1937.3	1938.627	1294.127	103.9471	25.2558	103.9966	105.2574	37.87357	16.17238	45.95405	28.89848	17.05557	29.29742	-9999
1937.305	1938.633	1294.133	101.1165	38.74696	101.5368	102.3031	34.339	16.82068	48.84032	24.38223	24.45809	29.07596	-9999
1937.31	1938.638	1294.138	96.11041	63.72774	96.17221	97.21051	35.67733	11.5551	52.76757	37.84007	14.92749	29.25259	-9999
1937.315	1938.643	1294.143	95.59126	76.348	94.26866	92.09317	43.82996	4.684322	51.48572	29.60122	21.88449	30.71362	-9999
1937.32	1938.648	1294.148	97.6555	40.61096	97.69258	97.50717	40.0417	11.06968	48.88862	25.70095	23.18767	29.99511	-9999
1937.325	1938.653	1294.153	99.12643	35.06477	98.64436	97.48245	44.05404	8.593442	47.35252	20.1737	27.17881	30.79097	-9999
1937.33	1938.658	1294.158	97.84091	63.22354	98.54547	97.6555	29.22591	16.90637	53.86772	38.59683	15.27089	29.10515	-9999
1937.335	1938.663	1294.163	95.17099	74.94236	95.65306	95.31932	30.5706	13.8918	55.5376	37.97147	17.56613	29.10585	-9999
1937.34	1938.668	1294.168	92.50108	88.81548	91.87068	89.58394	38.29124	7.534452	54.1743	21.33404	32.84027	29.86372	-9999
1937.345	1938.673	1294.173	90.96835	60.90117	91.53694	91.15376	37.16444	10.13896	52.6966	25.96545	26.73115	29.58908	-9999
1937.35	1938.678	1294.178	91.88304	71.07683	92.82246	94.50351	30.98654	13.23041	55.78305	26.37577	29.40727	28.77882	-9999
1937.355	1938.683	1294.183	91.04251	59.87749	90.11546	88.97827	48.93521	3.668197	47.39659	28.78831	18.60828	31.07367	-9999
1937.36	1938.689	1294.189	92.5258	60.45808	91.87068	92.01901	45.32258	5.519899	49.15752	17.83323	31.32429	30.39885	-9999
1937.365	1938.694	1294.194	94.21922	82.50535	94.12033	92.85954	34.11839	10.62721	55.2544	21.67067	33.58373	29.45437	-9999
1937.37	1938.699	1294.199	93.65062	68.7239	93.5641	92.10553	37.88081	9.391967	52.72722	28.90939	23.81783	29.84638	-9999
1937.375	1938.704	1294.204	96.44415	89.88499	95.77667	95.17099	34.69218	9.480866	55.82695	38.24037	17.58658	29.42752	-9999
1937.38	1938.709	1294.209	96.75317	72.11578	95.97444	94.07089	39.57019	7.837772	52.59204	27.5779	25.01413	30.20563	-9999
1937.385	1938.714	1294.214	96.24638	39.63312	95.40585	95.20808	48.37622	5.035584	46.58819	23.60087	22.98733	31.22572	-9999
1937.39	1938.719	1294.219	98.33534	32.91047	98.06341	98.78033	43.67466	9.188833	47.13651	31.24754	15.88897	30.35791	-9999
1937.395	1938.724	1294.224	103.8853	76.47023	103.601	100.8569	28.12302	16.8152	55.06178	40.88327	14.17851	29.3869	-9999
1937.4	1938.729	1294.229	102.1177	99.75508	102.9212	102.9459	15.68425	25.07069	59.24506	49.16218	10.08288	28.55813	-9999
1937.405	1938.734	1294.234	95.81375	139.4646	97.66786	101.92	3.731566	26.83576	69.43267	65.98075	3.451926	-9999	-9999
1937.41	1938.739	1294.239	96.9015	101.558	97.35884	101.92	22.72915	17.06205	60.2088	35.16461	25.04419	27.91538	-9999
1937.415	1938.745	1294.245	100.1647	62.23042	101.3761	102.6492	23.40071	23.03401	53.56528	35.04225	18.52303	28.29565	-9999
1937.42	1938.75	1294.25	104.5899	23.20845	104.4292	103.6628	39.40622	14.97225	45.62153	18.22316	27.39837	29.90183	-9999
1937.425	1938.755	1294.255	104.7506	20.68745	104.7876	104.5404	38.33573	16.67796	44.9863	24.0043	20.982	29.57812	-9999
1937.43	1938.76	1294.26	105.4304	17.76921	105.245	105.6282	40.14082	15.30484	44.55434	14.51044	30.0439	29.74221	-9999
1937.435	1938.765	1294.265	102.5256	67.80717	104.491	105.5787	14.03557	33.08238	52.88204	45.96817	6.913871	27.93529	-9999
1937.44	1938.77	1294.27	98.05104	113.506	99.79391	101.1289	8.817406	27.34037	63.84222	54.59898	9.243242	28.89671	-9999
1937.445	1938.775	1294.275	92.14262	75.40072	92.63704	94.91142	33.14999	11.61571	55.23429	26.93205	28.30224	28.74399	2
1937.45	1938.78	1294.28	86.59265	193.6584	91.00543	83.21817	0	31.53864	68.46136	68.46136	0	-9999	2
1937.455	1938.785	1294.285	77.00072	114.056	76.71642	67.65601	43.76109	4.823233	51.41568	30.15492	21.26076	30.32052	2
1937.46	1938.79	1294.29	85.66559	48.43369	84.87451	84.66437	55.59762	1.531197	42.87118	13.98504	28.88614	31.79829	2
1937.465	1938.795	1294.295	92.72357	51.8867	92.81009	93.44049	41.46717	8.497125	50.03571	33.57219	16.46351	29.90047	2
1937.47	1938.801	1294.301	91.63583	87.45567	92.68649	92.90898	26.38814	14.65838	58.95348	29.40414	29.54934	28.83239	2
1937.475	1938.806	1294.306	77.33446	103.4525	77.70528	74.97356	40.94291	5.633813	53.42327	29.82063	23.60265	29.20638	2
1937.48	1938.811	1294.311	75.60396	104.8123	73.65096	69.00333	60.21549	0.678609	39.1059	12.36886	26.73704	31.63262	2
1937.485	1938.816	1294.316	79.89313	143.3454	79.13913	72.13059	37.65227	6.456772	55.89096	20.8126	35.07836	29.22703	2
1937.49	1938.821	1294.321	69.10221	80.8858	66.87728	64.04667	74.09482	0	25.90518	21.94679	3.958386	31.92517	2
1937.495	1938.826	1294.326	73.88582	36.04261	73.40375	72.27892	67.03877	0	32.96123	16.50947	16.45176	31.58797	2
1937.5	1938.831	1294.331	79.37398	54.20907	79.44814	79.28745	53.28257	2.295287	44.42214	15.49878	28.92336	30.98209	2
1937.505	1938.836	1294.336	78.91663	52.54368	79.81897	79.96729	47.68804	4.047578	48.26438	14.91304	33.35134	30.24288	2
1937.51	1938.841	1294.341	81.09212	67.89884	80.53589	80.12798	53.27453	2.166088	44.55938	29.59977	14.95961	30.87106	8
1937.515	1938.846	1294.346	82.81026	59.14411	83.26761	83.18108	45.95724	4.99235	49.05041	23.84664	25.20377	30.13178	8
1937.52	1938.851	1294.351	83.30469	52.39089	83.35414	82.97095	50.2979	3.540486	46.16161	24.07251	22.0891	30.82819	8
1937.525	1938.856	1294.356	87.19832	50.09908	87.93997	89.71991	41.90583	7.642026	50.45215	31.1985	19.25365	29.63786	8

1937.53	1938.862	1294.362	86.53084	60.68727	86.96347	86.40724	42.35246	6.848842	50.7987	21.93231	28.86639	29.9654	8
1937.535	1938.867	1294.367	83.94745	51.12276	83.99689	81.68544	50.01346	3.7163	46.27024	18.6601	27.61015	31.19391	8
1937.54	1938.872	1294.372	83.23053	45.68352	82.89679	83.44066	54.95899	1.937471	43.10354	26.38316	16.72038	31.45439	8
1937.545	1938.877	1294.377	84.66437	58.73158	83.78676	80.44936	54.69723	1.65794	43.64483	28.7688	14.87604	32.005	8
1937.55	1938.882	1294.382	83.0822	40.85543	82.93387	80.7213	54.82691	2.09651	43.07658	13.33023	29.74635	32.01191	8
1937.555	1938.887	1294.387	87.33429	63.39161	87.85344	84.88687	40.28827	7.792558	51.91918	34.15662	17.76255	30.21931	8
1937.56	1938.892	1294.392	87.804	90.09889	88.64453	90.07837	30.90228	11.09984	57.99787	36.12491	21.87296	28.63372	8
1937.565	1938.897	1294.397	87.40846	75.99659	87.21068	87.47026	42.72578	6.062869	51.21135	20.79852	30.41283	29.68855	8
1937.57	1938.902	1294.402	85.88809	56.11891	86.18474	86.30835	45.10309	5.734606	49.16231	19.79014	29.37217	30.15401	8
1937.575	1938.907	1294.407	89.11424	44.38482	89.57158	91.52458	43.72934	7.330927	48.93974	18.80032	30.13942	29.89205	8
1937.58	1938.912	1294.412	88.47148	49.06012	88.26135	88.45912	48.36222	4.685472	46.95231	14.71586	32.23645	30.72596	8
1937.585	1938.918	1294.418	87.89052	61.77206	88.32315	88.95355	40.83903	7.678482	51.48249	26.97313	24.50936	29.63372	8
1937.59	1938.923	1294.423	85.36893	60.64143	85.13408	85.14644	48.60547	4.040103	47.35442	18.589	28.76542	30.50366	8
1937.595	1938.928	1294.428	90.69641	53.41457	90.95598	90.93126	41.62127	8.094462	50.28427	18.96731	31.31696	29.97941	8
1937.6	1938.933	1294.433	96.14749	53.67431	96.70373	98.26118	34.24432	13.72614	52.02955	21.50055	30.52899	29.04064	8
1937.605	1938.938	1294.438	98.08813	31.97846	98.31062	99.386	40.29581	11.99942	47.70476	17.95306	29.7517	29.78591	8
1937.61	1938.943	1294.443	98.86685	30.66449	99.15115	99.53433	39.41839	13.02199	47.55962	32.58378	14.97585	29.7877	8
1937.615	1938.948	1294.448	98.0016	39.66368	98.39715	97.56898	37.17445	13.52452	49.30103	29.90758	19.39345	29.75533	8
1937.62	1938.953	1294.453	97.60606	46.23355	97.80383	98.33534	37.48118	12.38577	50.13306	19.66912	30.46393	29.54939	8
1937.625	1938.958	1294.458	96.24638	40.6568	96.04861	95.36877	43.14712	8.641146	48.21174	27.89653	20.31521	30.48352	8
1937.63	1938.963	1294.463	97.07455	35.95094	97.27232	96.41943	40.45856	11.23891	48.30253	15.74548	32.55706	30.16455	8
1937.635	1938.968	1294.468	95.69015	64.24722	95.59126	95.2328	37.1836	10.39136	52.42504	24.37356	28.05147	29.64204	8
1937.64	1938.974	1294.474	95.08447	65.83621	94.71365	93.5641	39.4638	8.647457	51.88875	18.67602	33.21272	30.00237	8
1937.645	1938.979	1294.479	89.8188	78.44119	89.10188	88.76814	43.94009	5.294356	50.76556	17.7827	32.98285	30.01249	8
1937.65	1938.984	1294.484	87.54442	75.23265	87.32193	87.93997	42.97715	5.982843	51.04001	33.62431	17.41569	29.66129	8
1937.655	1938.989	1294.489	89.97949	66.52376	89.89296	89.34909	41.79069	7.10482	51.10449	34.83496	16.26953	29.95151	8
1937.66	1938.994	1294.494	88.58272	60.48864	87.90288	86.60501	49.1344	3.74096	47.12464	31.77359	15.35104	30.98253	8
1937.665	1938.999	1294.499	93.05731	44.29315	92.95842	92.13025	44.4347	7.310886	48.25442	27.25741	20.997	30.58825	8
1937.67	1939.004	1294.504	96.12277	43.52921	95.91264	96.64192	42.66151	8.680751	48.65774	17.2908	31.36694	30.14623	8
1937.675	1939.009	1294.509	90.14018	91.33647	90.36267	90.74585	33.24329	10.15547	56.60124	23.44936	33.15188	28.93391	8
1937.68	1939.014	1294.514	89.28729	77.32584	90.86946	91.90776	26.881	14.3817	58.7373	25.19789	33.53941	28.78568	8
1937.685	1939.019	1294.519	92.77301	78.99123	93.24272	91.58638	31.89272	12.20303	55.90425	32.83627	23.06799	29.38679	8
1937.69	1939.024	1294.524	90.7953	65.43896	91.6111	92.66177	34.30959	11.42472	54.26569	22.23524	32.03046	29.09396	8
1937.695	1939.03	1294.53	94.81253	116.0117	95.30696	95.93736	20.86582	16.43153	62.70265	33.5305	29.17215	28.62824	8
1937.7	1939.035	1294.535	100.5356	73.33809	100.0906	99.88043	33.20812	12.46892	54.32296	34.68766	19.63531	29.33816	8
1937.705	1939.04	1294.54	94.09561	75.416	93.972	93.35397	36.13932	9.943562	53.91711	27.58661	26.3305	29.5151	8
1937.71	1939.045	1294.545	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1938	1939.34	1294.84	105.6776	64.70558	105.9248	103.8606	25.20193	22.66869	52.12938	26.34561	25.78377	28.7787	-9999
1938.005	1939.345	1294.845	100.2389	75.09514	100.0906	98.94102	30.75674	14.3741	54.86916	27.74734	27.12182	29.28441	-9999
1938.01	1939.35	1294.85	104.4786	88.60157	105.3933	106.9384	15.3492	28.60739	56.0434	44.54284	11.50056	27.97428	-9999
1938.015	1939.355	1294.855	101.475	81.03858	101.2772	101.9447	28.56442	15.51908	55.9165	37.77536	18.14113	28.81634	-9999
1938.02	1939.36	1294.86	102.4638	80.94691	102.8717	102.2413	22.98287	21.11936	55.89777	30.09361	25.80416	28.67655	-9999
1938.025	1939.365	1294.865	100.1771	143.4371	99.44781	99.27476	18.77725	15.02754	66.19521	39.03901	27.1562	28.89687	-9999
1938.03	1939.37	1294.87	98.5702	98.47166	98.13757	97.49481	28.83813	12.78968	58.37219	25.70863	32.66356	29.09316	-9999
1938.035	1939.375	1294.875	99.36128	101.069	99.01518	99.13879	26.81119	14.09552	59.0933	31.67319	27.42011	28.86907	-9999
1938.04	1939.38	1294.88	100.1276	115.0338	99.79391	99.06462	22.63086	15.71806	61.65108	42.64823	19.00286	28.93312	-9999
1938.045	1939.385	1294.885	97.28468	81.05386	97.48245	96.69136	29.35033	14.46093	56.18874	35.24333	20.94542	29.11398	-9999
1938.05	1939.39	1294.89	91.84596	107.9292	90.64697	90.5728	38.67503	6.055851	55.26912	22.18153	33.08759	29.28674	2
1938.055	1939.395	1294.895	83.60135	51.8103	82.56305	81.51239	58.5955	0.436436	40.96806	10.64634	30.32172	32.30728	2
1938.06	1939.4	1294.9	79.41106	42.50553	78.81775	77.92777	61.25368	0	38.74632	24.93777	13.80855	32.56278	2
1938.065	1939.405	1294.905	76.79059	50.78662	75.97478	76.0613	63.38481	0	36.61519	14.20912	22.40607	31.75396	2
1938.07	1939.41	1294.91	85.83864	183.0702	80.82019	77.3221	55.6185	0	44.3815	16.94162	27.43988	28.0037	2
1938.075	1939.415	1294.915	88.48384	142.062	87.804	83.25525	29.48463	9.209391	61.30598	39.62788	21.6781	29.14228	2
1938.08	1939.42	1294.92	92.5258	192.1763	93.76187	88.70633	0	23.40979	76.59021	76.59021	0	-9999	2
1938.085	1939.425	1294.925	93.93492	157.0199	92.98314	94.8867	22.95732	11.29335	65.74933	36.0249	29.72443	28.14633	2
1938.09	1939.43	1294.93	92.14262	204.6438	88.66925	84.88687	32.62357	3.373527	64.0029	42.84224	21.16066	28.69165	2
1938.095	1939.435	1294.935	106.3698	242.4129	108.6566	106.7901	0	55.9527	44.0473	44.0473	0	-9999	2
1938.1	1939.44	1294.94	107.7419	264.506	108.3352	107.5441	0	42.56078	57.43922	57.43922	0	-9999	2
1938.105	1939.445	1294.945	104.664	122.9024	104.4045	105.1585	15.97841	20.93946	63.08213	42.80516	20.27697	28.62752	2
1938.11	1939.45	1294.95	101.7963	66.52376	101.4379	100.3378	33.02669	13.65072	53.32259	20.07309	33.2495	29.46424	2
1938.115	1939.455	1294.955	105.3933	68.69334	105.4304	105.4798	26.12697	20.67873	53.1943	21.28005	31.91425	28.55203	2
1938.12	1939.46	1294.96	98.23646	126.2026	97.64314	98.94102	23.67962	13.4506	62.86978	29.79138	33.0784	28.55418	2
1938.125	1939.465	1294.965	76.51865	30.14501	76.46921	77.63112	62.69093	0	37.30907	9.775313	27.53376	32.00506	2
1938.13	1939.47	1294.97	75.19605	38.25803	74.77579	74.6769	64.81824	0	35.18176	23.2397	11.94206	31.69733	2
1938.135	1939.475	1294.975	74.63982	45.56129	73.79929	73.21834	66.81964	0	33.18036	12.83201	20.34835	31.45888	2
1938.14	1939.48	1294.98	81.62363	43.45282	81.30225	82.24167	56.88136	1.290821	41.82782	25.46221	16.36561	31.65053	2
1938.145	1939.485	1294.985	80.48645	66.18762	79.47287	82.48888	57.79031	0.754859	41.45483	17.61195	23.84288	30.94603	2
1938.15	1939.49	1294.99	79.06496	60.7331	78.38512	79.69536	57.83159	0.857638	41.31078	24.37743	16.93334	31.2772	2
1938.155	1939.495	1294.995	79.43578	35.53841	78.78066	78.75594	63.39595	0	36.60405	8.21776	28.38629	32.1246	2
1938.16	1939.5	1295	80.01674	27.25732	80.06618	80.52353	59.40515	0.630584	39.96427	21.20232	18.76195	32.39606	2
1938.165	1939.505	1295.005	79.10204	35.12589	79.57175	81.54947	55.08542	1.878275	43.03631	29.31777	13.71854	31.19094	2
1938.17	1939.51	1295.01	83.0204	58.93021	83.23053	82.09334	47.7316	4.340312	47.92809	32.6004	15.32769	30.52597	2
1938.175	1939.515	1295.015	85.88809	91.71844	83.79912	79.47287	54.97657	0.459577	44.56386	29.58888	14.97498	31.81336	2

1938.18	1939.52	1295.02	92.13025	144.8733	92.5876	89.64575	16.63639	16.1216	67.24201	41.93657	25.30544	29.28603	2
1938.185	1939.525	1295.025	90.37503	222.2144	92.95842	89.95477	0	29.79918	70.20082	70.20082	0	-9999	2
1938.19	1939.53	1295.03	83.76204	129.732	82.71138	82.36528	39.68641	5.700511	54.61308	30.6824	23.93068	28.5796	2
1938.195	1939.535	1295.035	81.0056	94.4839	79.79424	74.65218	51.99772	2.284612	45.71766	32.54539	13.17228	31.07316	2
1938.2	1939.54	1295.04	83.06984	65.97372	82.52597	80.59769	51.82512	2.651568	45.52331	18.21674	27.30657	31.08669	2
1938.205	1939.545	1295.045	82.87207	79.95379	82.78554	79.96729	45.07945	4.836702	50.08385	28.02154	22.06231	30.21112	2
1938.21	1939.55	1295.05	85.08464	66.34041	83.86093	81.38878	55.15153	1.231248	43.61723	19.97448	23.64275	31.82615	2
1938.215	1939.555	1295.055	89.44798	64.14027	89.4727	88.73105	41.99433	7.112009	50.89367	29.05957	21.83409	30.00895	2
1938.22	1939.56	1295.06	85.97461	99.05225	85.88809	84.51604	37.60328	7.374298	55.02242	19.382	35.64042	29.23459	9
1938.225	1939.565	1295.065	85.36893	88.63213	84.29355	83.44066	48.34583	3.263017	48.39116	25.99952	22.39164	30.21412	9
1938.23	1939.57	1295.07	85.01047	71.47408	84.1205	81.85849	51.39093	2.579368	46.02971	32.51181	13.5179	31.11652	9
1938.235	1939.575	1295.075	85.51726	61.77206	84.49132	83.09456	54.32632	1.644181	44.0295	16.3524	27.67709	31.58857	9
1938.24	1939.58	1295.08	87.95233	62.62767	87.26013	87.1118	49.29252	3.603183	47.1043	28.25427	18.85003	30.72666	9
1938.245	1939.585	1295.085	88.03885	70.52679	87.26013	89.97949	47.9719	3.855943	48.17216	22.92065	25.25151	29.92424	9
1938.25	1939.59	1295.09	87.32193	79.34264	86.92639	88.74341	43.52837	5.545944	50.92569	29.68998	21.23571	29.4272	9
1938.255	1939.595	1295.095	85.77684	93.29216	84.92395	87.97705	45.11851	4.395646	50.48585	21.02622	29.45963	29.08437	9
1938.26	1939.6	1295.1	86.64209	72.63526	85.90045	84.91159	48.45928	3.644348	47.89637	26.28169	21.61468	30.56339	9
1938.265	1939.605	1295.105	89.97949	75.01875	90.17726	87.38373	37.5316	8.85496	53.61344	31.14626	22.46717	29.9122	9
1938.27	1939.61	1295.11	89.1266	82.90259	88.68161	87.65567	41.38975	6.368157	52.2421	26.4843	25.7578	29.79123	9
1938.275	1939.615	1295.115	93.36633	74.02563	93.8484	94.80017	32.45275	12.37752	55.16974	33.95751	21.21222	28.96057	9
1938.28	1939.62	1295.12	92.34039	104.4762	92.48872	91.52458	28.61405	12.08907	59.29688	37.67488	21.622	28.97141	9
1938.285	1939.625	1295.125	89.83116	71.12266	89.71991	88.48384	41.00581	7.236031	51.75816	18.10986	33.6483	29.9469	9
1938.29	1939.63	1295.13	94.55296	104.9804	95.46765	96.6172	20.51714	17.73143	61.75143	35.80236	25.94907	28.56584	9
1938.295	1939.635	1295.135	92.82246	121.4509	94.1945	99.96696	14.5789	19.60188	65.81922	51.49671	14.32251	27.92945	9
1938.3	1939.64	1295.14	90.38739	132.91	89.10188	88.94119	34.64213	6.923314	58.43456	23.12373	35.31083	28.6937	9
1938.305	1939.645	1295.145	90.36267	87.89875	90.04129	92.00665	38.08553	7.774854	54.13961	22.66789	31.47172	28.96519	9
1938.31	1939.65	1295.15	89.00299	60.77894	88.82994	88.0883	44.74989	5.873324	49.37679	16.56	32.81679	30.32465	9
1938.315	1939.655	1295.155	87.59387	42.91806	87.13652	85.80156	52.57191	2.977769	44.45032	19.39663	25.05368	31.66935	9
1938.32	1939.66	1295.16	87.43318	32.77296	87.01291	86.58029	54.88747	2.360147	42.75238	31.82619	10.92619	32.01703	9
1938.325	1939.665	1295.165	87.33429	47.76143	86.71625	85.71503	52.88397	2.634822	44.48121	23.5752	20.906	31.5833	9
1938.33	1939.67	1295.17	88.73105	44.43066	88.66925	88.07593	48.09419	5.066728	46.83908	19.20025	27.63883	30.89047	9
1938.335	1939.675	1295.175	95.31932	53.97989	96.03625	96.46887	33.68694	13.90669	52.40636	21.32391	31.08246	29.20358	9
1938.34	1939.68	1295.18	94.30574	50.67967	94.80017	96.25874	37.14241	11.60625	51.25134	22.47669	28.77465	29.32188	9
1938.345	1939.685	1295.185	94.20686	48.37258	94.26866	94.80017	41.14455	9.133786	49.72167	34.39403	15.32763	29.92425	9
1938.35	1939.69	1295.19	94.77545	47.51697	95.24516	95.73959	37.66724	11.64453	50.68822	34.57097	16.11726	29.56213	9
1938.355	1939.695	1295.195	99.36128	84.27768	99.01518	98.73088	30.8747	12.9621	56.1632	25.27956	30.88364	29.15164	9
1938.36	1939.7	1295.2	98.58256	58.13571	98.71852	99.6085	34.18145	13.65755	52.161	23.92315	28.23785	29.14734	9
1938.365	1939.705	1295.205	103.8111	115.5533	103.6381	104.0089	17.87098	20.28706	61.84196	33.49279	28.34917	28.64564	9
1938.37	1939.71	1295.21	109.3364	250.5412	107.8531	98.81741	0	22.25714	77.74286	77.74286	0	-9999	9
1938.375	1939.715	1295.215	103.9224	128.1889	102.4144	100.0782	25.05677	10.64325	64.29998	32.74617	31.55382	29.60156	9
1938.38	1939.72	1295.22	101.4255	135.3699	99.76919	98.6938	26.76563	8.952877	64.2815	45.45652	18.82498	29.31488	9
1938.385	1939.725	1295.225	98.36006	89.50302	98.39715	96.41943	27.56162	14.95537	57.48301	36.34389	21.13912	29.24954	9
1938.39	1939.73	1295.23	100.5479	111.0308	99.3242	93.35397	30.11024	9.793062	60.0967	31.88775	28.20896	30.27744	9
1938.395	1939.735	1295.235	95.40585	83.42207	94.82489	92.3033	36.54087	8.921257	54.53787	23.14478	31.39309	29.90597	9
1938.4	1939.74	1295.24	96.06097	60.16779	95.69015	93.19328	39.93718	8.875459	51.18737	24.01126	27.17611	30.34792	9
1938.405	1939.745	1295.245	99.49725	56.79118	99.17587	97.68022	37.20975	11.37246	51.41779	35.49759	15.9202	29.92738	9
1938.41	1939.75	1295.25	102.674	56.25642	102.2908	100.8817	34.89557	13.53849	51.56594	21.33362	30.23232	29.67375	9
1938.415	1939.755	1295.255	97.95216	66.15706	97.95216	95.73959	33.874	12.80981	53.31618	27.09318	26.223	29.70047	9
1938.42	1939.76	1295.26	98.80505	73.59782	99.55905	100.3625	25.44515	18.955	55.59986	28.80747	26.79239	28.58646	9
1938.425	1939.765	1295.265	99.43545	47.53225	99.41073	97.72967	37.20818	12.64726	50.14456	32.97099	17.17358	29.92944	9
1938.43	1939.77	1295.27	98.71852	64.67502	99.17587	98.38478	29.98316	16.30404	53.7128	38.88832	14.82448	29.11625	9
1938.435	1939.775	1295.275	97.85327	48.8615	97.72967	97.19815	39.10846	10.80775	50.08379	25.89489	24.1889	29.93777	9
1938.44	1939.78	1295.28	97.97688	39.37338	97.5937	95.97444	43.30258	8.685414	48.01201	34.93693	13.07508	30.71868	9
1938.445	1939.785	1295.285	93.02023	35.23284	92.53816	91.37625	49.63108	4.861702	45.50722	20.69452	24.8127	31.47959	9
1938.45	1939.79	1295.29	94.92378	52.86454	94.30574	92.06845	44.66669	6.399545	48.93377	26.96587	21.9679	30.896	9
1938.455	1939.795	1295.295	97.72967	59.05244	98.73088	99.29948	28.03857	18.39297	53.56846	35.29489	18.27358	28.74919	9
1938.46	1939.8	1295.3	100.14	46.03493	100.6839	100.5479	32.51573	17.12313	50.36114	35.30919	15.05195	29.10314	9
1938.465	1939.805	1295.305	98.68144	49.30458	98.76797	97.72967	36.61079	12.83226	50.55695	19.48148	31.07547	29.74044	9
1938.47	1939.81	1295.31	94.67657	66.46264	94.87434	94.72601	35.28087	11.39883	53.3203	25.58936	27.73094	29.40071	9
1938.475	1939.815	1295.315	92.36511	78.22729	91.56166	91.10431	42.31981	5.978689	51.7015	18.24949	33.452	29.98767	9
1938.48	1939.82	1295.32	97.58134	95.98122	98.0016	99.07699	23.74066	17.08634	59.17299	37.34577	21.82722	28.5573	9
1938.485	1939.825	1295.325	95.8632	134.0101	95.5789	93.00787	21.57872	14.20523	64.21605	46.35619	17.85986	29.16954	9
1938.49	1939.83	1295.33	99.15115	145.7594	98.80505	97.32176	16.18944	16.95249	66.85808	55.34643	11.51165	29.14502	9
1938.495	1939.835	1295.335	96.40707	102.0316	94.73837	91.38861	39.54626	4.903421	55.55032	27.50544	28.04488	30.35118	9
1938.5	1939.84	1295.34	96.06097	95.44646	95.22044	95.44293	35.03997	8.707383	56.25265	33.65008	22.60256	29.26011	9
1938.505	1939.845	1295.345	93.29216	80.19825	93.53938	94.36755	32.84732	11.57219	55.58049	25.39725	30.18324	28.97097	9
1938.51	1939.85	1295.35	92.51344	55.59944	92.76065	92.68649	39.51666	9.37107	51.11227	33.68469	17.42757	29.78777	9
1938.515	1939.855	1295.355	94.18214	47.77671	94.29338	94.44171	40.92831	9.329324	49.74237	35.52858	14.21379	29.97029	9
1938.52	1939.86	1295.36	91.2032	48.98373	91.49986	92.55052	41.9399	8.280883	49.77922	27.23682	22.5424	29.8538	9
1938.525	1939.865	1295.365	91.27736	52.3145	91.64819	93.218	40.49085	8.886049	50.62311	29.12353	21.49958	29.58213	9
1938.53	1939.87	1295.37	90.59752	57.47872	90.59752	91.21556	42.74043	7.194957	50.06462	23.10882	26.95579	29.93414	9
1938.535	1939.875	1295.375	85.51726	67.5016	85.45546	86.74098	45.46771	5.129538	49.40275	33.04761	16.35514	29.79971	9
1938.54	1939.88	1295.38	84.84978	45.82102	85.02283	85.24533	49.50837	4.13686	46.35477	24.59938	21.75539	30.76532	9

1938.545	1939.885	1295.385	88.92883	74.56039	89.31201	89.10188	37.1722	8.957335	53.87046	19.82071	34.04975	29.38606	9
1938.55	1939.89	1295.39	90.64697	102.2914	91.92012	99.80627	21.98333	15.85784	62.15883	44.63237	17.52646	27.3532	9
1938.555	1939.895	1295.395	93.48993	60.25946	93.65062	95.0103	38.16113	9.937001	51.90187	35.48411	16.41776	29.38259	9
1938.56	1939.9	1295.4	92.36511	57.83014	92.61232	93.63826	39.11329	9.421018	51.46569	35.76843	15.69726	29.52806	9
1938.565	1939.905	1295.405	90.39975	100.3815	90.56044	93.99672	31.29456	10.65962	58.04582	39.15633	18.88949	28.21349	9
1938.57	1939.91	1295.41	88.7805	85.83612	88.4344	88.4962	40.23188	6.792551	52.97557	34.59521	18.38036	29.43735	9
1938.575	1939.915	1295.415	86.65445	69.24338	86.39488	85.36893	45.53272	5.062947	49.40434	29.96681	19.43753	30.26038	9
1938.58	1939.92	1295.42	89.22548	76.4244	89.04007	89.2502	40.85479	6.990002	52.15521	30.85696	21.29825	29.58583	9
1938.585	1939.925	1295.425	90.95598	90.77116	91.03015	90.14018	33.7791	9.968858	56.25204	32.50369	23.74835	29.21296	9
1938.59	1939.93	1295.43	87.28485	92.23792	86.85222	86.45668	40.72921	6.270179	53.00061	36.98103	16.01958	29.41408	9
1938.595	1939.935	1295.435	93.18092	69.33505	93.5641	94.08325	34.52481	11.42949	54.0457	34.30692	19.73878	29.18926	9
1938.6	1939.94	1295.44	90.96835	93.93386	91.32681	85.70267	30.79905	11.43601	57.76494	39.74947	18.01547	29.93837	9
1938.605	1939.945	1295.445	90.65933	118.5785	91.59874	90.94362	20.61695	15.46147	63.92158	39.1034	24.81818	28.84895	9
1938.61	1939.95	1295.45	86.16002	69.70174	85.02283	84.08342	52.67816	1.998853	45.32299	30.27528	15.04771	31.16379	9
1938.615	1939.955	1295.455	89.75699	63.00964	89.33673	89.43562	45.43229	5.405037	49.16268	20.39556	28.76712	30.25697	9
1938.62	1939.96	1295.46	90.33795	64.03332	90.20198	89.43562	42.44678	6.922058	50.63116	33.38913	17.24203	30.0884	9
1938.625	1939.965	1295.465	89.99185	108.7084	89.74463	86.1353	32.81597	9.300696	57.88333	37.30276	20.58058	29.47448	9
1938.63	1939.97	1295.47	90.04129	80.47327	90.11546	88.1501	37.11271	8.744367	54.14293	36.86425	17.27867	29.67666	9
1938.635	1939.975	1295.475	90.59752	68.58639	91.07959	90.77057	36.31634	10.02187	53.66179	26.82071	26.84108	29.43507	9
1938.64	1939.98	1295.48	95.59126	42.56665	95.48001	94.52824	42.61707	8.791411	48.59152	29.45833	19.13319	30.43155	9
1938.645	1939.985	1295.485	94.28102	58.04404	94.26866	93.78659	39.3106	9.458091	51.23131	25.2451	25.98621	29.86305	9
1938.65	1939.99	1295.49	94.41699	109.4724	93.23036	90.86946	35.84044	7.148816	57.01074	34.65026	22.36048	29.63996	9
1938.655	1939.995	1295.495	94.98558	78.31896	95.85083	91.84596	26.95438	16.06545	56.98017	32.71851	24.26166	29.6151	9
1938.66	1940	1295.5	94.44171	81.58862	95.67778	95.5789	23.78961	17.79876	58.41163	39.45984	18.95179	28.83982	9
1938.665	1940.005	1295.505	95.45529	87.5015	94.93614	95.18336	35.02919	9.550902	55.41991	26.29938	29.12053	29.25193	9
1938.67	1940.01	1295.51	93.40341	69.6559	92.83482	92.48872	41.61874	6.975215	51.40605	35.26464	16.14141	29.99846	9
1938.675	1940.015	1295.515	88.86702	64.17082	88.50856	87.47026	45.49108	5.321742	49.18718	33.51496	15.67223	30.42042	9
1938.68	1940.02	1295.52	93.44049	121.2829	93.72479	92.22914	22.481	14.63521	62.8838	34.71657	28.16723	28.95772	9
1938.685	1940.025	1295.525	93.39105	120.2592	93.04495	93.30452	27.65979	11.44913	60.89108	25.75673	35.13435	28.65267	9
1938.69	1940.03	1295.53	94.03381	110.7558	93.26744	91.09195	32.62533	9.111485	58.26319	27.57795	30.68524	29.36682	9
1938.695	1940.035	1295.535	95.26988	79.98435	95.70251	97.32176	29.64265	14.04354	56.31381	30.59971	25.7141	28.6743	9
1938.7	1940.04	1295.54	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1939.005	1940.345	1295.845	112.8221	25.46971	112.9086	112.6243	29.36941	29.21714	41.41344	10.8735	30.53994	27.63851	-9999
1939.01	1940.35	1295.85	111.1905	39.29699	110.968	111.9569	29.91919	23.69842	46.3824	33.30803	13.07437	28.06823	-9999
1939.015	1940.355	1295.855	110.832	117.0812	111.9198	111.7344	1.270854	44.11203	54.61712	54.61712	0	-9999	-9999
1939.02	1940.36	1295.86	89.16368	134.6212	86.64209	82.11806	44.9334	2.231514	52.83509	17.00633	35.82876	30.16778	-9999
1939.025	1940.365	1295.865	81.14156	31.85623	80.77074	80.52353	60.51442	0.227705	39.25787	11.69455	27.56332	32.70731	-9999
1939.03	1940.37	1295.87	85.27005	32.0243	85.28241	85.25769	53.70588	2.871096	43.42302	17.60346	25.81956	31.64535	-9999
1939.035	1940.375	1295.875	86.37015	70.12954	86.65445	85.05992	41.36481	6.879764	51.75543	26.05556	25.69987	29.93082	-9999
1939.04	1940.38	1295.88	85.87572	110.4655	83.3665	79.43578	53.70821	0.464133	45.82766	12.92146	32.9062	31.23326	-9999
1939.045	1940.385	1295.885	97.08691	100.1829	96.9015	96.97566	27.87272	13.32773	58.79954	29.78612	29.01343	28.86715	-9999
1939.05	1940.39	1295.89	102.093	86.9973	101.4626	102.1177	29.90667	13.28249	56.81084	40.05059	16.76025	28.97668	-9999
1939.055	1940.395	1295.895	95.78903	173.2918	93.86076	89.96713	24.8816	8.221055	66.89734	38.9439	27.95344	29.24825	-9999
1939.06	1940.4	1295.9	98.78033	61.80262	99.12643	99.91752	31.48359	15.4444	53.07202	20.60952	32.46249	28.92519	-9999
1939.065	1940.405	1295.905	102.6369	59.69415	103.156	103.7123	27.10467	20.77527	52.12006	21.84864	30.27142	28.50388	-9999
1939.07	1940.41	1295.91	103.6505	88.70853	105.245	107.1362	10.81648	33.29099	55.89254	34.10579	21.78675	27.94449	-9999
1939.075	1940.415	1295.915	97.6555	58.82326	97.74203	97.90272	35.25114	12.5995	52.14936	18.35228	33.79708	29.37751	-9999
1939.08	1940.42	1295.92	93.81131	68.47944	93.05731	93.06967	42.9651	6.210723	50.82417	31.39715	19.42702	30.1151	-9999
1939.085	1940.425	1295.925	80.48645	35.63009	80.07854	81.17865	60.49125	0.193212	39.31554	12.55955	26.75599	32.34866	-9999
1939.09	1940.43	1295.93	80.91907	45.17932	79.94257	77.87833	62.18892	0	37.81108	18.56941	19.24167	32.46312	-9999
1939.095	1940.435	1295.935	84.24411	79.83156	84.19466	82.7979	43.55937	5.471262	50.96937	28.11981	22.84957	29.86514	8
1939.1	1940.44	1295.94	84.25647	108.8612	85.25769	88.64453	28.38018	10.77206	60.84775	36.12712	24.72063	27.94973	8
1939.105	1940.445	1295.945	86.49376	51.48945	86.49376	86.62973	47.96529	4.691655	47.34305	22.0557	25.28735	30.56026	8
1939.11	1940.45	1295.95	86.50612	58.74686	86.1971	86.02405	48.59252	4.123324	47.28416	32.76325	14.52091	30.60331	8
1939.115	1940.455	1295.955	88.26135	137.2033	86.90167	84.76326	36.13388	6.349941	57.51618	27.66649	29.84969	28.91997	8
1939.12	1940.46	1295.96	88.75577	103.9873	89.5345	91.52458	27.14464	12.42194	60.43343	29.67488	30.75855	28.34793	8
1939.125	1940.465	1295.965	82.51361	61.05396	82.47652	82.03154	49.59981	3.568874	46.83131	20.59973	26.23159	30.55865	8
1939.13	1940.47	1295.97	85.67795	71.29073	84.77562	84.33063	50.91701	2.722952	46.36004	16.05171	30.30833	30.75034	8
1939.135	1940.475	1295.975	82.52597	104.8887	83.06984	85.13408	34.47803	8.205345	57.31663	26.27881	31.03781	28.24785	8
1939.14	1940.48	1295.98	90.00421	104.7207	90.30087	91.47514	29.55463	11.28817	59.1572	38.27198	20.88522	28.53335	8
1939.145	1940.485	1295.985	89.79408	140.5647	90.37503	91.19084	18.8704	14.76834	66.36125	34.95339	31.40786	28.45915	8
1939.15	1940.49	1295.99	91.99429	109.5182	92.2415	92.57524	26.94594	12.66164	60.39242	26.89126	33.50116	28.65559	8
1939.155	1940.495	1295.995	90.28851	133.3378	91.07959	92.88426	18.5359	15.52451	65.93959	37.9975	27.94209	28.36353	8
1939.16	1940.5	1296	98.70616	63.10131	99.80627	99.7321	25.394	20.45292	54.15308	26.87003	27.28306	28.70113	8
1939.165	1940.505	1296.005	96.25874	48.63232	96.59248	97.95216	37.08646	12.20141	50.71213	24.01927	26.69286	29.33644	8
1939.17	1940.51	1296.01	87.34665	57.31066	87.54442	85.31949	44.23917	6.205278	49.55555	21.55822	27.99733	30.51374	8
1939.175	1940.515	1296.015	83.0822	40.45818	82.61249	81.68544	57.41373	1.144504	41.44176	21.48293	19.95883	32.21088	8
1939.18	1940.52	1296.02	86.95111	49.94629	86.85222	88.54564	48.68434	4.450729	46.86493	18.44941	28.41551	30.40546	8
1939.185	1940.525	1296.025	89.86824	77.3564	89.2502	88.11302	43.39075	5.633504	50.97574	19.39663	31.57912	30.10075	8
1939.19	1940.53	1296.03	83.47774	53.96461	83.4283	82.94623	50.52422	3.421389	46.05439	31.42222	14.63217	30.84515	8
1939.195	1940.535	1296.035	81.63599	39.48034	81.90793	81.4753	53.23314	2.638294	44.12857	18.59916	25.52941	31.37619	8
1939.2	1940.54	1296.04	82.19223	34.51474	82.37764	83.06984	54.59365	2.283243	43.12311	24.45306	18.67004	31.48571	8
1939.205	1940.545	1296.045	81.38878	47.08916	81.61127	81.90793	52.00242	2.919472	45.0781	13.49345	31.58466	30.92352	8

1939.21	1940.55	1296.05	80.22687	49.27403	80.46172	80.7213	52.44685	2.66174	44.89141	27.21989	17.67152	30.90217	8
1939.215	1940.555	1296.055	82.24167	63.13187	82.0439	80.93143	50.59248	3.160729	46.24679	32.4645	13.78229	30.76099	8
1939.22	1940.56	1296.06	89.8188	78.56342	89.70755	86.77806	39.21652	7.731835	53.05165	20.11611	32.93554	30.01957	8
1939.225	1940.565	1296.065	97.23524	56.562	97.53189	97.58134	34.55648	13.35973	52.08379	22.92186	29.16192	29.32746	8
1939.23	1940.57	1296.07	99.48489	49.85462	99.41073	99.15115	36.98386	12.51974	50.4964	33.00531	17.49109	29.64093	8
1939.235	1940.575	1296.075	93.88548	115.8131	93.25508	93.89784	30.48418	10.0405	59.47532	28.41908	31.05625	28.70565	8
1939.24	1940.58	1296.08	88.50856	95.18672	87.38373	88.94119	44.25434	4.423513	51.32214	30.1026	21.21955	29.412	8
1939.245	1940.585	1296.085	83.74968	61.80262	82.55069	80.30103	57.28624	0.68837	42.02539	13.74532	28.28007	32.12424	8
1939.25	1940.59	1296.09	89.29965	91.79484	89.2502	88.80522	36.01316	8.603316	55.38353	22.65812	32.72541	29.18355	8
1939.255	1940.595	1296.095	90.80766	63.81941	93.35397	98.9163	21.27875	19.42472	59.29653	36.10206	23.19447	28.03859	8
1939.26	1940.6	1296.1	113.3907	165.5607	113.2424	117.8777	0	36.57671	63.42329	63.42329	0	-9999	8
1939.265	1940.605	1296.105	91.93248	197.7378	91.30209	92.3033	12.45514	14.61933	72.92553	50.31227	22.61326	28.47435	8
1939.27	1940.61	1296.11	82.76082	91.79484	82.69902	82.7361	42.12467	5.665566	52.20976	32.81947	19.39029	29.22328	8
1939.275	1940.615	1296.115	91.75943	75.55351	91.78415	91.74707	37.10578	9.203439	53.69078	35.83526	17.85552	29.40614	8
1939.28	1940.62	1296.12	91.21556	113.8879	91.82124	92.08081	23.82682	14.05771	62.11547	32.2075	29.90798	28.63146	8
1939.285	1940.625	1296.125	90.23906	121.5579	90.56044	88.7805	25.07237	12.674	62.25363	42.67576	19.57788	28.91351	8
1939.29	1940.63	1296.13	94.00909	90.32808	95.04739	98.71852	23.60541	16.8975	59.49709	37.46976	22.02733	28.12209	8
1939.295	1940.635	1296.135	94.15741	38.22748	94.04617	93.39105	44.98629	7.535621	47.47809	25.5701	21.90799	30.68126	8
1939.3	1940.64	1296.14	85.90045	52.20755	86.4814	85.5049	43.83497	6.454924	49.71011	27.90409	21.80602	30.26208	8
1939.305	1940.645	1296.145	84.16994	42.21524	84.1205	84.00925	52.73075	2.902243	44.36701	23.31685	21.05016	31.30699	8
1939.31	1940.65	1296.15	85.40602	61.42065	85.04756	86.60501	49.34074	3.707519	46.95174	26.58097	20.37077	30.28971	8
1939.315	1940.655	1296.155	83.10692	135.6296	82.95859	84.51604	31.86881	8.502845	59.62834	36.74558	22.88276	27.83141	2
1939.32	1940.66	1296.16	74.23192	93.0477	73.30486	71.72269	56.37377	1.571402	42.05483	28.12325	13.93158	30.57559	2
1939.325	1940.665	1296.165	75.49271	87.04314	75.67812	77.6064	48.04533	3.56499	48.38968	33.78656	14.60312	29.10469	2
1939.33	1940.67	1296.17	74.91176	65.65287	74.77579	75.56687	56.24694	1.332995	42.42006	27.45915	14.96091	30.75451	2
1939.335	1940.675	1296.175	73.79929	83.05538	73.56444	72.2542	53.82537	2.062401	44.11223	31.34699	12.76524	30.35612	2
1939.34	1940.68	1296.18	75.38146	139.4035	74.31844	72.95876	45.15184	4.637744	50.21042	27.97122	22.2392	28.34819	2
1939.345	1940.685	1296.185	78.9908	192.4819	79.25037	80.99324	18.73613	11.94826	69.31561	44.51156	24.80404	27.19469	2
1939.35	1940.69	1296.19	85.33185	152.7724	87.44554	92.73593	8.142716	18.30203	73.55526	62.94053	10.61473	28.54938	2
1939.355	1940.695	1296.195	88.8423	127.1652	89.34909	89.48506	23.56349	12.94952	63.48699	40.19323	23.29376	28.50466	2
1939.36	1940.7	1296.2	91.38861	94.62141	92.61232	92.25386	23.54033	15.7475	60.71218	35.7498	24.96237	28.88383	2
1939.365	1940.705	1296.205	90.01657	49.33514	89.74463	89.60867	47.35316	5.204411	47.44243	27.50524	19.93719	30.69351	2
1939.37	1940.71	1296.21	92.42691	41.81799	91.8954	92.00665	48.9665	4.774894	46.2586	14.60769	31.65091	31.0558	2
1939.375	1940.715	1296.215	95.70251	47.92949	95.24516	95.13391	43.8992	7.35604	48.74476	34.8037	13.94106	30.43562	2
1939.38	1940.72	1296.22	96.45651	72.22274	96.14749	95.83847	36.177	10.29183	53.53117	27.07012	26.46105	29.5224	2
1939.385	1940.725	1296.225	95.76431	62.06235	95.50473	95.15863	38.88945	9.418277	51.69227	32.33099	19.36127	29.80925	2
1939.39	1940.73	1296.23	93.972	104.3998	94.16978	92.20442	26.74827	13.4434	59.80833	43.53945	16.26889	29.13906	2
1939.395	1940.735	1296.235	96.13513	124.8886	98.38478	102.674	3.897815	28.72472	67.37746	64.20183	3.175633	-9999	2
1939.4	1940.74	1296.24	93.8484	95.98122	93.79895	100.4861	30.8152	11.54367	57.64113	23.22835	34.41278	27.70745	2
1939.405	1940.745	1296.245	90.511	78.48703	91.24028	90.82002	32.08408	11.71244	56.20348	23.84986	32.35362	29.13639	2
1939.41	1940.75	1296.25	90.49864	94.42279	90.80766	86.91403	31.49605	10.95207	57.55188	24.68074	32.87114	29.62102	2
1939.415	1940.755	1296.255	88.45912	102.9483	88.73105	87.66803	31.59661	10.16414	58.23925	41.23683	17.00242	28.96653	2
1939.42	1940.76	1296.26	90.15254	80.99275	90.64697	94.04617	33.62759	10.61735	55.75505	32.07908	23.67597	28.47303	2
1939.425	1940.765	1296.265	92.68649	70.02259	92.48872	92.1797	39.31569	8.35742	52.32688	27.18488	25.142	29.71372	2
1939.43	1940.77	1296.27	92.22914	66.30985	92.03137	91.93248	40.63494	7.843861	51.5212	28.59843	22.92278	29.81633	2
1939.435	1940.775	1296.275	90.04129	123.758	89.55922	90.31323	30.9486	9.386394	59.665	36.00995	23.65505	28.45524	2
1939.44	1940.78	1296.28	91.63583	128.4028	92.20442	91.78415	20.21497	15.1714	64.61363	35.59276	29.02087	28.74488	2
1939.445	1940.785	1296.285	94.45407	128.5097	93.02023	89.75699	33.1152	7.252922	59.63188	24.79499	34.83689	29.51004	2
1939.45	1940.79	1296.29	92.84718	139.7396	93.00787	89.46034	19.51827	14.86326	65.61847	35.63319	29.98528	29.29132	2
1939.455	1940.795	1296.295	91.62346	99.72452	91.8954	92.43927	29.46557	11.86904	58.66539	25.15326	33.51213	28.72166	2
1939.46	1940.8	1296.3	90.44919	136.8825	89.99185	89.65811	27.20562	10.56045	62.23393	35.92301	26.31092	28.49839	2
1939.465	1940.805	1296.305	88.70633	177.0198	89.00299	98.99046	13.25229	15.40057	71.34714	51.61903	19.72812	26.81074	2
1939.47	1940.81	1296.31	86.03641	205.805	89.95477	93.16856	0	29.56893	70.43107	70.43107	0	-9999	2
1939.475	1940.815	1296.315	88.48384	148.036	91.73471	95.05975	0	25.69313	74.30687	74.30687	0	-9999	2
1939.48	1940.82	1296.32	90.23906	101.8635	91.42569	91.84596	23.1327	15.10195	61.76535	33.01247	28.75288	28.7035	2
1939.485	1940.825	1296.325	82.53833	102.0927	82.88443	84.25647	36.67602	7.446898	55.87708	35.74314	20.13394	28.48711	2
1939.49	1940.83	1296.33	67.21102	99.17448	65.9255	62.99601	64.12839	0.562318	35.3093	16.39403	18.91526	31.48279	2
1939.495	1940.835	1296.335	70.96868	100.4121	70.33829	67.07505	55.29467	2.028323	42.677	14.94092	27.73608	30.33849	2
1939.5	1940.84	1296.34	74.03414	114.1171	73.93526	68.9168	45.03861	4.462463	50.49893	29.88835	20.61058	29.4722	2
1939.505	1940.845	1296.345	69.99218	55.62999	69.88094	69.91802	63.00689	0	36.99311	19.35072	17.64239	31.44964	2
1939.51	1940.85	1296.35	71.66088	51.47417	71.16645	69.47303	65.44707	0	34.55293	15.79397	18.75896	31.67013	2
1939.515	1940.855	1296.355	72.24184	83.36096	71.73505	67.00089	57.29178	1.2953	41.41292	13.08748	28.32544	31.37655	2
1939.52	1940.86	1296.36	80.15271	151.0765	78.65706	77.09961	41.29028	5.27055	53.43917	25.71609	27.72308	28.24356	2
1939.525	1940.865	1296.365	88.19954	70.43512	88.99063	88.48384	35.6802	9.838089	54.48171	33.6575	20.82421	29.372	2
1939.53	1940.87	1296.37	81.68544	47.10444	82.15514	82.26639	49.80989	3.721954	46.46816	33.51819	12.94997	30.67473	2
1939.535	1940.875	1296.375	81.45058	33.70496	81.98209	81.90793	52.78965	2.888521	44.32183	22.42064	21.90119	31.33137	2
1939.54	1940.88	1296.38	80.68422	61.34425	80.75838	80.7213	50.35044	3.226217	46.42335	27.13285	19.29049	30.48199	2
1939.545	1940.885	1296.385	87.04999	61.80262	87.14888	86.12294	44.19141	6.001124	49.80747	33.26668	16.54079	30.2184	2
1939.55	1940.89	1296.39	92.77301	54.08684	92.69885	91.22792	42.13459	7.914885	49.95053	22.87989	27.07064	30.33351	2
1939.555	1940.895	1296.395	92.2415	53.01732	91.84596	90.77057	45.37309	6.053036	48.57388	16.41508	32.1588	30.65492	2
1939.56	1940.9	1296.4	90.58516	74.08675	90.89418	93.74951	36.33777	9.633923	54.02831	34.45605	19.57227	28.79719	2
1939.565	1940.905	1296.405	89.79408	71.3824	89.20076	89.67047	44.7131	5.297205	49.98969	28.77842	21.21128	30.00857	2
1939.57	1940.91	1296.41	94.8867	114.0407	92.81009	91.62346	41.20006	3.314105	55.48584	22.00528	33.48056	29.92522	2

1939.575	1940.915	1296.415	85.86336	70.61846	84.97339	85.24533	50.81332	2.772335	46.41434	30.96863	15.44571	30.62075	2
1939.58	1940.92	1296.42	82.15514	72.55887	82.15514	81.95737	46.85802	4.316566	48.82541	30.56949	18.25592	29.98269	2
1939.585	1940.925	1296.425	83.82384	94.80475	84.09578	83.20581	37.83181	7.294415	54.87378	31.89914	22.97464	29.11963	2
1939.59	1940.93	1296.43	87.70511	106.3402	89.22548	89.48506	21.7941	14.78877	63.41714	33.3697	30.04744	28.74689	2
1939.595	1940.935	1296.435	85.25769	71.93244	86.70389	90.23906	32.94718	10.40783	56.64498	24.63229	32.01269	28.46939	2
1939.6	1940.94	1296.44	78.3604	76.4244	78.92899	79.84369	45.00713	4.626949	50.36592	27.77979	22.58613	29.36217	2
1939.605	1940.945	1296.445	80.53589	113.8268	80.62241	78.53345	37.69032	6.748382	55.5613	37.59665	17.96464	28.87738	2
1939.61	1940.95	1296.45	87.2354	128.8458	88.86702	89.57158	15.9177	16.37867	67.70363	38.08551	29.61812	28.78537	2
1939.615	1940.955	1296.455	90.01657	65.37785	90.72113	92.25386	35.90296	10.36963	53.7274	29.70487	24.02253	29.07908	2
1939.62	1940.96	1296.46	86.44432	107.4861	87.28485	85.22061	27.94548	11.41787	60.63665	39.63147	21.00518	29.0148	2
1939.625	1940.965	1296.465	95.77667	148.3568	95.93736	93.60118	14.73777	17.56358	67.69866	53.96498	13.73367	29.29422	2
1939.63	1940.97	1296.47	106.5799	57.79958	106.5429	105.7518	28.24634	20.71097	51.04269	25.59124	25.45145	28.71572	2
1939.635	1940.975	1296.475	103.4527	35.17172	103.1807	102.1919	38.41948	13.70567	47.87485	31.99315	15.8817	29.89995	2
1939.64	1940.98	1296.48	100.9311	36.42458	101.0423	100.8198	37.46648	14.22409	48.30943	28.24676	20.06266	29.62799	8
1939.645	1940.985	1296.485	101.6357	55.49248	101.1536	101.2648	36.80205	11.874	51.32396	33.77868	17.54527	29.60836	8
1939.65	1940.99	1296.49	105.863	56.82174	105.8754	105.5293	28.75936	20.22266	51.01798	27.19946	23.81851	28.69546	8
1939.655	1940.995	1296.495	116.6416	166.7372	114.7133	112.1546	7.283466	16.08742	76.62912	60.07711	16.552	-9999	8
1939.66	1941	1296.5	114.6021	57.75374	114.3796	114.0211	22.31402	30.3465	47.33949	35.20787	12.13161	27.43962	8
1939.665	1941.005	1296.505	109.1757	52.32978	108.8049	107.643	29.76842	20.21948	50.01211	28.80856	21.20354	28.83741	8
1939.67	1941.01	1296.51	105.7271	54.92717	105.7271	106.444	29.43873	19.81739	50.74388	33.442	17.30188	28.55362	8
1939.675	1941.015	1296.515	107.8284	73.15474	108.0756	108.6195	21.17853	26.22506	52.59641	25.41439	27.18203	27.97348	8
1939.68	1941.02	1296.52	108.7184	89.76276	108.4835	106.8148	20.07664	23.59887	56.32449	29.12365	27.20084	28.63417	8
1939.685	1941.025	1296.525	107.3216	95.14089	107.5564	106.3327	16.41992	26.85343	56.72665	37.01638	19.71027	28.45721	8
1939.69	1941.03	1296.53	106.2462	80.8094	106.1473	103.8853	23.46398	21.28017	55.25585	24.10902	31.14683	28.90295	8
1939.695	1941.035	1296.535	103.8729	37.03573	104.1202	102.8965	33.55833	18.53167	47.91001	16.03885	31.87115	29.23305	2
1939.7	1941.04	1296.54	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1940	1941.34	1296.84	91.62346	22.65841	91.94484	89.96713	47.73239	6.89195	45.37566	32.82924	12.54642	31.36115	2
1940.005	1941.345	1296.845	81.0056	16.10382	80.73366	80.52353	63.68523	0	36.31477	14.28266	22.03211	32.7581	2
1940.01	1941.35	1296.85	79.64592	85.68333	77.3839	75.75229	63.521	0	36.479	8.097528	28.38147	31.13688	2
1940.015	1941.355	1296.855	80.74602	120.8398	79.17621	77.42098	48.63649	3.143408	48.22011	33.46825	14.75185	29.51201	2
1940.02	1941.36	1296.86	84.45424	93.65885	83.57663	82.51361	46.43815	3.956024	49.60583	17.56479	32.04103	29.87947	2
1940.025	1941.365	1296.865	88.92883	92.61989	88.32315	87.43318	40.46546	6.324759	53.20979	36.79952	16.41027	29.55041	2
1940.03	1941.37	1296.87	89.36145	49.12124	89.10188	89.10188	47.91183	4.920585	47.16758	18.75976	28.40782	30.71495	2
1940.035	1941.375	1296.875	89.91768	30.35891	90.47392	90.56044	45.61807	7.30713	47.0748	17.22426	29.85054	30.59189	2
1940.04	1941.38	1296.88	89.48506	30.2978	89.26256	88.01413	52.066	3.857081	44.07692	19.19273	24.88418	31.78524	2
1940.045	1941.385	1296.885	84.70145	35.73704	84.61493	84.21939	54.09687	2.564682	43.33845	15.81232	27.52613	31.69037	2
1940.05	1941.39	1296.89	83.63843	95.09505	81.93265	78.19971	53.25944	1.493784	45.24677	30.75584	14.49093	31.16711	2
1940.055	1941.395	1296.895	92.43927	102.1233	94.67657	95.25752	12.90302	22.34952	64.74746	48.27872	16.46874	29.08428	2
1940.06	1941.4	1296.9	94.93614	29.90055	94.73837	95.48001	46.95555	7.033874	46.01058	28.89506	17.11552	30.77172	2
1940.065	1941.405	1296.905	96.82733	36.07317	96.18457	95.51709	47.17052	6.208424	46.62105	16.13789	30.48317	31.11587	2
1940.07	1941.41	1296.91	89.43562	80.87052	90.33795	89.9424	31.15549	11.84279	57.00172	29.16551	27.83622	29.06539	2
1940.075	1941.415	1296.915	77.98958	78.82316	77.89069	78.06374	49.94075	3.120961	46.93829	24.54324	22.39505	29.92447	2
1940.08	1941.42	1296.92	77.81653	103.697	78.71886	80.69658	36.32104	7.045461	56.6335	33.47745	23.15605	28.14985	2
1940.085	1941.425	1296.925	84.72618	46.32522	84.35535	82.41472	53.71508	2.397337	43.88758	28.82478	15.0628	31.75707	2
1940.09	1941.43	1296.93	90.23906	49.82406	89.50978	88.40967	50.57458	3.482725	45.94269	16.70314	29.23955	31.3489	2
1940.095	1941.435	1296.935	92.13025	45.77519	92.09317	91.52458	44.44996	7.135937	48.41411	32.91946	15.49464	30.48434	2
1940.1	1941.44	1296.94	93.9102	60.36641	93.24272	92.32803	44.16691	6.130142	49.70295	30.21255	19.4904	30.48413	2
1940.105	1941.445	1296.945	94.47879	59.09827	93.70007	91.90776	44.81285	5.779918	49.40723	24.67141	24.73582	30.76915	2
1940.11	1941.45	1296.95	96.29582	56.95925	96.13513	95.93736	38.86905	9.983988	51.14696	31.18917	19.95779	29.79799	2
1940.115	1941.455	1296.955	96.81497	40.96238	96.70373	96.44415	41.87949	9.561306	48.5592	23.17834	25.38086	30.21869	2
1940.12	1941.46	1296.96	96.75317	36.63849	96.3329	96.85205	45.37762	7.457758	47.16462	19.01397	28.15064	30.59713	2
1940.125	1941.465	1296.965	96.82733	36.95934	96.87678	95.78903	41.59151	10.23288	48.17561	21.81563	26.35999	30.33526	2
1940.13	1941.47	1296.97	95.45529	38.94558	95.30696	94.62712	43.90585	8.252727	47.84142	34.28819	13.55324	30.5543	2
1940.135	1941.475	1296.975	94.71365	50.0838	94.36755	93.76187	43.42544	7.486981	49.08758	32.38028	16.70729	30.4121	2
1940.14	1941.48	1296.98	92.04373	59.73998	91.88304	91.87068	42.10804	7.46368	50.42828	35.80384	14.62445	29.99419	2
1940.145	1941.485	1296.985	90.65933	65.60703	90.59752	89.78172	41.1955	7.515127	51.28938	36.49191	14.79747	29.95205	4
1940.15	1941.49	1296.99	91.40097	71.84077	91.03015	92.82246	41.39951	7.000015	51.60047	19.77311	31.82737	29.46457	4
1940.155	1941.495	1296.995	89.79408	68.90724	89.74463	90.28851	41.09708	7.31889	51.58403	27.21315	24.37088	29.63102	4
1940.16	1941.5	1297	81.89557	79.20513	82.88443	85.49254	37.82478	7.462499	54.71272	30.15135	24.56137	28.65041	4
1940.165	1941.505	1297.005	83.79912	68.40304	83.37886	82.14278	49.60832	3.411385	46.98029	32.97753	14.00276	30.64339	4
1940.17	1941.51	1297.01	78.05138	48.03645	77.73	75.62868	59.0586	0.560277	40.38113	22.82075	17.56038	32.28839	4
1940.175	1941.515	1297.015	75.01064	68.18914	75.45563	71.87102	51.03979	2.671789	46.28842	24.65563	21.63279	30.80539	4
1940.18	1941.52	1297.02	76.56809	66.46264	76.81531	75.27022	51.55748	2.621984	45.82053	31.95448	13.86605	30.6052	4
1940.185	1941.525	1297.025	87.69275	80.61078	86.49376	83.93509	49.10704	2.942249	47.95071	30.56274	17.38797	30.88299	4
1940.19	1941.53	1297.03	88.42204	42.93334	87.84108	86.1971	52.76426	2.860559	44.37518	25.19559	19.17959	31.78383	4
1940.195	1941.535	1297.035	84.38008	44.6904	83.82384	83.97217	55.86606	1.597091	42.53685	27.17382	15.36303	31.73552	4
1940.2	1941.54	1297.04	77.26029	50.96997	76.33324	74.9612	63.77047	0	36.22953	11.6274	24.60212	31.9368	4
1940.205	1941.545	1297.045	80.3752	76.19522	80.57297	80.48645	46.08284	4.437808	49.47935	32.23344	17.24591	29.73231	4
1940.21	1941.55	1297.05	79.17621	75.11042	79.23801	78.91663	48.50219	3.611002	47.88681	20.1994	27.68741	29.9862	4
1940.215	1941.555	1297.055	75.08481	59.70942	74.35552	72.98348	62.12424	0	37.87576	24.03777	13.83799	32.06525	4
1940.22	1941.56	1297.06	73.5768	94.95754	72.64974	69.05277	56.5143	1.594273	41.89143	21.36492	20.52651	30.87245	4
1940.225	1941.565	1297.065	68.38529	59.66359	67.60656	66.48174	68.68207	0	31.31793	22.6084	8.709529	31.32091	2
1940.23	1941.57	1297.07	60.22721	47.88366	58.83044	56.91453	83.82803	0	16.17197	13.42552	2.746443	32.17148	2

1940.235	1941.575	1297.075	62.00715	78.62454	60.07888	59.20127	78.87041	0	21.12959	14.29188	6.837715	32.14816	2
1940.24	1941.58	1297.08	77.75472	72.3908	77.35918	76.43213	54.01254	1.962727	44.02473	17.59087	26.43386	30.7647	2
1940.245	1941.585	1297.085	82.60013	96.51598	83.86093	84.63965	30.87986	9.814713	59.30543	27.52185	31.78359	28.56158	2
1940.25	1941.59	1297.09	76.88947	91.01562	76.41976	76.46921	50.87614	2.849284	46.27458	24.59096	21.68362	29.74769	2
1940.255	1941.595	1297.095	65.59176	52.86454	65.35691	64.24444	68.68248	0	31.31752	8.563361	22.75416	31.07542	2
1940.26	1941.6	1297.1	67.89086	70.28233	66.07383	64.66471	74.61405	0	25.38595	4.162092	21.22386	31.57758	2
1940.265	1941.605	1297.105	71.41367	87.73068	69.39887	66.22216	68.68329	0	31.31671	22.95328	8.363423	31.87929	2
1940.27	1941.61	1297.11	66.02439	49.38098	65.77718	64.86248	69.22328	0	30.77672	17.22836	13.54836	31.01797	2
1940.275	1941.615	1297.115	57.81686	25.42387	56.9887	56.25941	87.07422	0	12.92578	8.073929	4.851853	31.76538	2
1940.28	1941.62	1297.12	53.9974	29.19773	53.46589	52.84785	87.37576	0	12.62424	8.859204	3.765039	31.71914	2
1940.285	1941.625	1297.125	59.07766	67.01268	59.53501	59.97999	65.88705	0	34.11295	13.13077	20.98219	30.44543	2
1940.29	1941.63	1297.13	61.03065	59.40385	60.32609	60.69691	74.93642	0	25.06358	6.021154	19.04243	30.9721	2
1940.295	1941.635	1297.135	57.90339	40.45818	57.06286	55.39416	83.45211	0	16.54789	15.86132	0.686571	31.75722	2
1940.3	1941.64	1297.14	67.23574	86.11114	67.03797	64.87484	58.83695	1.070548	40.0925	24.85537	15.23713	30.74131	2
1940.305	1941.645	1297.145	53.97268	28.29628	54.29406	55.17167	81.00675	0	18.99325	15.90974	3.083512	30.16832	2
1940.31	1941.65	1297.15	51.73538	12.88	51.76011	51.61178	89.09489	0	10.90511	10.90511	0	31.23828	2
1940.315	1941.655	1297.155	52.82313	41.77215	52.47703	50.64764	83.97614	0	16.02386	5.241413	10.78245	31.62136	2
1940.32	1941.66	1297.16	53.67602	40.35123	52.81077	51.68594	87.55876	0	12.44124	5.171492	7.269745	32.24969	2
1940.325	1941.665	1297.165	63.81182	88.86131	62.08132	60.26429	73.20008	0	26.79992	6.704446	20.09547	32.03097	2
1940.33	1941.67	1297.17	75.25786	158.3797	77.42098	75.51743	15.67064	12.46196	71.8674	47.18384	24.68357	28.7193	2
1940.335	1941.675	1297.175	78.37276	35.92038	78.52109	79.21329	58.05478	0.909059	41.03616	23.26849	17.76767	31.84756	2
1940.34	1941.68	1297.18	79.02788	45.79047	78.63234	79.13913	59.27852	0.500861	40.22062	26.61404	13.60658	31.94552	2
1940.345	1941.685	1297.185	79.23801	74.65206	78.68178	77.49515	53.34604	2.12763	44.52633	31.8927	12.63364	30.7631	2
1940.35	1941.69	1297.19	77.94013	76.33272	78.24915	76.23435	47.42766	3.865596	48.70674	28.19635	20.51039	30.10164	2
1940.355	1941.695	1297.195	75.75229	68.67806	76.38268	78.05138	48.80223	3.320049	47.87772	21.11929	26.75843	29.61112	2
1940.36	1941.7	1297.2	77.42098	56.40921	77.34682	77.14905	55.69644	1.499661	42.8039	30.60081	12.20309	31.17657	2
1940.365	1941.705	1297.205	74.38024	99.41894	74.07123	75.86353	49.90568	3.159845	46.93447	20.98455	25.94992	28.98438	2
1940.37	1941.71	1297.21	79.10204	66.2029	79.49759	80.22687	48.13956	3.794388	48.06606	30.05752	18.00854	29.91389	2
1940.375	1941.715	1297.215	87.1736	60.21362	87.63095	87.1736	41.68415	7.258723	51.05713	29.21492	21.84221	29.88461	2
1940.38	1941.72	1297.22	89.15132	54.13267	89.68283	90.62225	40.76147	8.31285	50.92568	18.87517	32.05051	29.65397	2
1940.385	1941.725	1297.225	84.47896	125.3012	85.56671	87.49498	23.52645	12.29536	64.17818	33.54136	30.63682	28.10811	8
1940.39	1941.73	1297.23	81.30225	160.2437	83.60135	78.95371	8.604953	16.44226	74.95279	61.60169	13.35109	30.228	8
1940.395	1941.735	1297.235	88.4962	62.65823	89.15132	91.09195	38.34304	8.968379	52.68859	24.92452	27.76407	29.16971	8
1940.4	1941.74	1297.24	89.89296	57.86069	90.01657	90.28851	42.33823	7.338635	50.32313	30.2732	20.04994	29.9136	8
1940.405	1941.745	1297.245	91.78415	40.97766	91.51222	90.95598	47.74949	5.552688	46.69782	26.04772	20.6501	30.96246	8
1940.41	1941.75	1297.25	90.20198	49.27403	90.62225	90.73349	41.83281	8.192186	49.975	18.14075	31.83425	29.97728	8
1940.415	1941.755	1297.255	91.80888	45.71407	92.55052	92.1797	38.72529	10.52471	50.75001	23.5794	27.17061	29.80723	8
1940.42	1941.76	1297.26	90.43683	101.4205	91.63583	93.86076	22.96218	15.2887	61.74912	29.93264	31.81648	28.36767	8
1940.425	1941.765	1297.265	91.1414	53.18539	91.62346	91.96956	39.54302	9.351481	51.1055	25.82694	25.27856	29.69109	8
1940.43	1941.77	1297.27	92.36511	48.72399	92.5876	93.02023	41.50857	8.69003	49.8014	25.42846	24.37293	29.92822	8
1940.435	1941.775	1297.275	91.46277	67.31825	92.10553	92.38983	34.58186	11.26306	54.15509	21.5327	32.62239	29.21715	8
1940.44	1941.78	1297.28	85.01047	183.0244	87.91525	85.08464	0	22.97671	77.02329	77.02329	0	-9999	8
1940.445	1941.785	1297.285	79.64592	117.6618	77.45807	75.35674	55.20744	1.383774	43.40879	26.25544	17.15335	30.39764	8
1940.45	1941.79	1297.29	90.12782	47.65448	90.41211	89.48506	43.34673	7.459803	49.19347	22.95833	26.23514	30.34625	8
1940.455	1941.795	1297.295	92.62468	40.70264	92.45163	92.55052	46.27639	6.457831	47.26578	28.25174	19.01404	30.65724	8
1940.46	1941.8	1297.3	92.16734	84.78188	92.42691	92.66177	32.67713	11.16489	56.15798	28.74435	27.41363	29.00722	8
1940.465	1941.805	1297.305	79.48523	71.47408	78.90427	79.06496	54.07926	1.917718	44.00302	14.10774	29.89528	30.6943	8
1940.47	1941.81	1297.31	87.63095	36.25652	88.00177	87.42082	47.73158	5.57634	46.69208	17.53264	29.15944	30.87747	8
1940.475	1941.815	1297.315	95.03503	88.03626	94.47879	92.56288	35.57381	9.153012	55.27318	34.8815	20.39168	29.66012	8
1940.48	1941.82	1297.32	90.77057	111.5044	90.46156	88.79286	31.90189	9.623271	58.47484	33.6015	24.87334	29.07133	8
1940.485	1941.825	1297.325	88.54564	101.4816	88.1501	85.7274	37.04493	7.5571	55.39797	28.82842	26.56955	29.46121	8
1940.49	1941.83	1297.33	87.60623	71.55047	87.49498	85.67795	42.94922	6.166264	50.88452	34.46058	16.42394	30.13082	8
1940.495	1941.835	1297.335	88.89174	106.6152	88.87938	87.95233	32.5145	9.538319	57.94718	24.54273	33.40444	28.93224	8
1940.5	1941.84	1297.34	92.76065	68.15858	93.13147	94.16978	35.29195	10.98363	53.72442	24.11498	29.60944	29.13207	8
1940.505	1941.845	1297.345	95.0103	61.16091	95.48001	96.58012	34.14934	12.75965	53.091	21.43361	31.65739	29.0818	8
1940.51	1941.85	1297.35	98.23646	65.22506	98.12521	97.91508	34.70016	12.28895	53.01089	19.00951	34.00139	29.3925	8
1940.515	1941.855	1297.355	100.585	62.9638	99.94224	98.45895	37.20594	10.45703	52.33703	24.42114	27.91588	29.95948	8
1940.52	1941.86	1297.36	100.14	59.5108	99.6703	99.11407	37.10981	11.06592	51.82427	23.01777	28.80649	29.74794	8
1940.525	1941.865	1297.365	96.66664	61.37481	96.22166	95.93736	39.66263	8.931904	51.40547	19.4413	31.96417	29.9056	8
1940.53	1941.87	1297.37	95.65306	47.76143	95.77667	95.2328	39.48296	10.47287	50.04417	33.41297	16.6312	29.93547	8
1940.535	1941.875	1297.375	95.51709	57.20371	95.67778	94.81253	37.03563	11.21023	51.75413	32.59835	19.15579	29.71004	8
1940.54	1941.88	1297.38	95.75195	44.84318	95.41821	95.61598	43.64264	7.845283	48.51208	22.3831	26.12898	30.34252	8
1940.545	1941.885	1297.385	94.57768	52.25339	94.50351	95.30696	40.91799	8.949214	50.1328	22.74753	27.38527	29.8196	8
1940.55	1941.89	1297.39	96.13513	62.73462	95.19572	94.35519	43.65437	6.006376	50.33925	24.50436	25.83489	30.49948	8
1940.555	1941.895	1297.395	95.72723	54.89661	95.71487	95.91264	38.74177	10.261	50.99724	33.87328	17.12395	29.69948	8
1940.56	1941.9	1297.4	96.39471	47.65448	96.24638	96.24638	40.93403	9.49577	49.5702	28.89465	20.67555	30.02442	8
1940.565	1941.905	1297.405	91.75943	68.32665	91.96956	93.05731	37.41775	9.55708	53.02517	33.30847	19.7167	29.26546	8
1940.57	1941.91	1297.41	92.57524	123.8955	91.46277	89.70755	33.46967	7.768819	58.76151	23.09945	35.66206	29.14245	8
1940.575	1941.915	1297.415	91.28972	135.1865	91.16612	88.73105	24.25627	12.29565	63.44808	32.3056	31.14249	28.94486	2
1940.58	1941.92	1297.42	91.6111	178.2421	90.78293	86.34543	19.0015	12.30158	68.69692	41.97473	26.72219	29.13576	2
1940.585	1941.925	1297.425	92.04373	167.6845	92.27858	93.31688	12.92001	16.56346	70.51653	46.63933	23.87721	28.64462	2
1940.59	1941.93	1297.43	93.86076	141.2217	95.78903	97.90272	4.52834	24.99781	70.47385	70.47385	0	-9999	2
1940.595	1941.935	1297.435	95.26988	156.3782	97.07455	97.13635	0.522021	27.00409	72.47389	72.47389	0	-9999	2

1940.6	1941.94	1297.44	95.41821	84.98051	95.96208	93.5641	27.43496	15.12225	57.4428	39.81737	17.62543	29.29856	2
1940.605	1941.945	1297.445	93.99672	64.78198	94.20686	93.61354	36.21725	10.85001	52.93274	37.96157	14.97117	29.53863	2
1940.61	1941.95	1297.45	93.53938	41.34435	93.36633	93.89784	45.27958	7.049154	47.67127	20.90509	26.76618	30.45874	2
1940.615	1941.955	1297.455	90.83238	50.19075	90.2267	89.05243	48.98204	4.266907	46.75105	22.72033	24.03072	31.13842	2
1940.62	1941.96	1297.46	88.00177	77.87588	87.02527	85.22061	47.76027	3.631153	48.60858	26.95272	21.65586	30.61673	2
1940.625	1941.965	1297.465	83.81148	92.55878	83.10692	81.36406	45.95457	4.207953	49.83748	21.77254	28.06494	29.92619	2
1940.63	1941.97	1297.47	81.04268	167.4859	78.3604	76.55573	45.69682	3.695408	50.60777	24.96063	25.64714	28.36487	2
1940.635	1941.975	1297.475	77.34682	129.5334	77.29738	76.16019	37.87703	6.468564	55.65441	34.68965	20.96476	28.23875	2
1940.64	1941.98	1297.48	75.73992	165.1635	75.41855	71.99462	32.84039	7.885942	59.27366	36.36098	22.91268	27.78023	2
1940.645	1941.985	1297.485	82.77318	94.22416	83.57663	84.10814	34.81971	8.371848	56.80844	36.82161	19.98684	28.70299	2
1940.65	1941.99	1297.49	82.77318	84.85828	83.04512	82.97095	41.20547	6.167803	52.62673	29.90481	22.72192	29.27732	2
1940.655	1941.995	1297.495	83.35414	106.4166	83.60135	83.05748	35.64546	7.797523	56.55702	40.1493	16.40771	28.75676	2
1940.66	1942	1297.5	84.49132	107.7764	84.42952	84.59021	36.66507	7.419399	55.91553	20.31358	35.60196	28.69363	2
1940.665	1942.005	1297.505	86.18474	84.38463	85.39366	84.00925	46.41988	4.122558	49.45756	24.06238	25.39519	30.17629	2
1940.67	1942.01	1297.51	87.50734	57.61623	87.58151	87.92761	44.97534	5.85534	49.16932	25.18517	23.98415	30.10848	2
1940.675	1942.015	1297.515	86.71625	56.22587	86.4814	86.33307	48.4345	4.295841	47.26965	20.69455	26.57511	30.60736	2
1940.68	1942.02	1297.52	89.91768	71.42824	90.20198	89.68283	37.7868	8.936572	53.27663	32.04792	21.22871	29.52189	2
1940.685	1942.025	1297.525	93.32925	48.67815	93.20564	93.00787	43.31494	7.655571	49.02949	21.46935	27.56014	30.28111	2
1940.69	1942.03	1297.53	94.71365	44.64456	94.21922	93.31688	45.89129	6.360217	47.7485	16.3224	31.4261	30.83629	2
1940.695	1942.035	1297.535	97.03746	41.20684	96.30818	95.48001	46.40542	6.188164	47.40641	34.40611	13.0003	31.01224	2
1940.7	1942.04	1297.54	107.9149	120.4578	105.999	107.9025	26.41582	8.539578	65.0446	38.38858	26.65602	29.17275	2
1940.705	1942.045	1297.545	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1941	1942.34	1297.84	72.27892	164.5982	68.84264	62.04423	60.30183	2.259784	37.43838	12.49447	24.94392	30.33824	-9999
1941.005	1942.345	1297.845	82.25403	182.016	83.46538	79.52231	10.89045	15.24457	73.86498	59.34132	14.52366	29.43262	-9999
1941.01	1942.35	1297.85	84.87451	124.3997	85.67795	84.96103	25.584	11.51784	62.89816	44.80825	18.08991	28.53917	-9999
1941.015	1942.355	1297.855	88.8423	79.51071	87.77928	86.20946	47.26192	3.694487	49.04359	32.1747	16.8689	30.53966	-9999
1941.02	1942.36	1297.86	89.05243	166.2177	88.79286	84.41716	19.85878	12.67733	67.46388	34.17199	33.29189	29.06774	-9999
1941.025	1942.365	1297.865	95.43057	144.4149	95.925	96.03625	13.42364	18.86975	67.70661	59.34807	8.358539	28.91278	-9999
1941.03	1942.37	1297.87	99.46017	98.33415	100.7457	101.5491	14.73703	25.06562	60.19735	38.89765	21.2997	28.52842	-9999
1941.035	1942.375	1297.875	97.76675	128.3111	100.4737	100.7828	0	34.51482	65.48518	65.48518	0	-9999	-9999
1941.04	1942.38	1297.88	95.08447	189.472	99.386	102.1548	0	44.51906	55.48094	55.48094	0	-9999	-9999
1941.045	1942.385	1297.885	87.92761	337.3246	94.3181	99.37364	0	52.71845	47.28155	47.28155	0	-9999	-9999
1941.05	1942.39	1297.89	90.64697	227.2106	94.80017	96.41943	0	38.37881	61.62119	61.62119	0	-9999	-9999
1941.055	1942.395	1297.895	96.58012	59.44969	96.85205	97.72967	34.65196	12.84539	52.50265	21.40888	31.09377	29.16574	-9999
1941.06	1942.4	1297.9	96.95094	44.65984	96.71609	96.09805	41.81757	9.195077	48.98735	16.92488	32.06247	30.26773	-9999
1941.065	1942.405	1297.905	96.19694	44.75151	96.39471	96.5554	39.13622	11.11117	49.75261	32.09726	17.65535	29.77154	-9999
1941.07	1942.41	1297.91	95.91264	50.03796	96.03625	95.20808	38.69323	10.82574	50.48103	27.53804	22.94299	29.89213	-9999
1941.075	1942.415	1297.915	96.65428	57.86069	96.6172	95.59126	37.36316	11.00935	51.62749	24.0536	27.57389	29.7831	-9999
1941.08	1942.42	1297.92	95.91264	62.2457	96.48123	98.45895	32.29031	14.16396	53.54572	26.33009	27.21564	28.77312	-9999
1941.085	1942.425	1297.925	97.49481	55.09524	97.6555	98.23646	35.72638	12.66329	51.61033	27.8426	23.76773	29.32626	-9999
1941.09	1942.43	1297.93	98.45895	43.25419	98.50839	100.0164	38.56707	11.99554	49.43739	23.45015	25.98724	29.46905	-9999
1941.095	1942.435	1297.935	98.9163	48.067	98.87921	100.004	37.65218	12.15687	50.19095	34.43108	15.75987	29.44022	-9999
1941.1	1942.44	1297.94	99.46017	58.47184	99.80627	101.0794	31.66418	15.88595	52.44987	24.98344	27.46643	28.81437	-9999
1941.105	1942.445	1297.945	98.87921	110.2058	99.89279	100.1771	14.50609	23.25517	62.23875	51.17553	11.06322	28.72065	-9999
1941.11	1942.45	1297.95	89.79408	219.6476	91.17848	92.71121	0	23.55781	76.44219	76.44219	0	-9999	-9999
1941.115	1942.455	1297.955	95.40585	251.8247	100.2265	97.09927	0	52.90223	47.09777	47.09777	0	-9999	-9999
1941.12	1942.46	1297.96	97.76675	119.3577	99.80627	99.48489	5.363735	29.33133	65.30493	65.30493	0	-9999	-9999
1941.125	1942.465	1297.965	98.36006	85.02634	98.76797	98.55783	25.77111	17.00649	57.2224	38.95181	18.27059	28.80795	-9999
1941.13	1942.47	1297.97	97.39593	84.72077	98.0016	98.07577	25.19933	17.29222	57.50844	33.7733	23.73514	28.74645	-9999
1941.135	1942.475	1297.975	96.25874	83.6207	96.679	94.42935	27.9487	15.06129	56.99001	25.51598	31.47402	29.28544	-9999
1941.14	1942.48	1297.98	94.30574	77.37168	93.83604	91.42569	38.15501	8.463887	53.38111	21.31277	32.06834	29.9915	-9999
1941.145	1942.485	1297.985	94.39227	76.21049	94.21922	93.92256	36.05731	9.936679	54.00601	27.90791	26.0981	29.42315	-9999
1941.15	1942.49	1297.99	94.98558	67.45576	94.86198	93.93492	37.24693	9.991103	52.76197	29.95581	22.80616	29.69587	-9999
1941.155	1942.495	1297.995	91.64819	121.512	92.55052	96.54304	19.28467	16.26874	64.44659	42.85112	21.59547	27.99843	-9999
1941.16	1942.5	1298	93.44049	129.6556	94.2563	92.98314	16.33557	17.88149	65.78294	36.52201	29.26093	29.05602	-9999
1941.165	1942.505	1298.005	94.24394	132.0697	96.19694	97.97688	6.199	24.97312	68.82788	68.82788	0	-9999	-9999
1941.17	1942.51	1298.01	93.5641	183.0702	96.64192	99.42309	0	33.91095	66.08905	66.08905	0	-9999	8
1941.175	1942.515	1298.015	95.18336	118.8994	97.11163	98.16229	8.713541	25.09528	66.19118	55.93181	10.25937	29.12908	8
1941.18	1942.52	1298.02	91.11667	153.6891	92.62468	97.06219	7.29282	20.83002	71.87716	67.37026	4.5069	-9999	8
1941.185	1942.525	1298.025	90.31323	135.2018	92.14262	93.89784	10.01523	20.32162	69.66315	50.15704	19.50611	29.02442	8
1941.19	1942.53	1298.03	89.50978	73.33809	89.8806	90.72113	37.02932	9.175505	53.79518	28.1994	25.59577	29.18487	8
1941.195	1942.535	1298.035	82.20459	68.47944	81.42586	81.56183	53.83488	1.922492	44.24263	20.10806	24.13457	30.87958	8
1941.2	1942.54	1298.04	79.38634	73.04779	79.41106	80.70894	49.09541	3.450544	47.45405	25.37239	22.08165	29.79377	8
1941.205	1942.545	1298.045	75.9995	109.9002	75.77701	80.25159	45.20894	4.417703	50.37336	16.54037	33.83298	27.92238	8
1941.21	1942.55	1298.05	74.14539	136.3477	73.91054	71.42603	40.61021	5.737419	53.65237	36.18148	17.47089	28.25694	8
1941.215	1942.555	1298.055	80.6595	182.1076	80.11562	76.88947	25.93823	9.78686	64.27491	36.54603	27.72888	27.87845	8
1941.22	1942.56	1298.06	85.75212	194.8501	86.14766	78.12555	10.88886	15.36773	73.74341	55.76399	17.97942	30.08684	8
1941.225	1942.565	1298.065	89.91768	169.029	92.11789	84.35535	0	23.91666	76.08334	76.08334	0	-9999	8
1941.23	1942.57	1298.07	90.65933	136.7297	92.47635	94.2563	9.42287	20.702	69.87513	57.3889	12.48623	29.06292	8
1941.235	1942.575	1298.075	85.64087	209.2122	87.24777	86.0735	0	20.51263	79.48737	79.48737	0	-9999	8
1941.24	1942.58	1298.08	84.4048	204.1702	84.92395	74.88703	8.914986	15.72635	75.35866	55.39672	19.96194	30.55466	8
1941.245	1942.585	1298.085	86.39488	124.7511	85.88809	81.25281	34.25456	7.864768	57.88067	28.66582	29.21485	29.33255	8
1941.25	1942.59	1298.09	84.36772	115.5533	83.68787	83.50246	39.68656	6.002628	54.31081	22.16973	32.14109	28.78707	8

1941.255	1942.595	1298.095	84.87451	110.2516	85.71503	91.49986	28.72047	10.68639	60.59314	39.40629	21.18685	27.4788	8
1941.26	1942.6	1298.1	83.24289	95.30895	84.23175	86.04877	32.68812	9.25447	58.05741	28.7225	29.33491	28.40897	8
1941.265	1942.605	1298.105	82.31583	80.74829	82.42708	81.96973	43.86619	5.243085	50.89073	19.99106	30.89967	29.5987	8
1941.27	1942.61	1298.11	85.35657	38.68584	84.77562	84.21939	56.61238	1.442337	41.94529	17.61345	24.33184	32.1338	8
1941.275	1942.615	1298.115	82.43944	42.15412	81.83377	81.96973	58.6484	0.681403	40.67019	12.5743	28.09589	32.15688	8
1941.28	1942.62	1298.12	80.3752	45.30155	79.90549	79.79424	58.73208	0.659538	40.60838	17.74211	22.86628	32.04045	8
1941.285	1942.625	1298.125	77.53223	39.61784	77.3839	77.55695	60.23238	0.234619	39.533	10.94496	28.58804	32.20812	8
1941.29	1942.63	1298.13	75.51743	36.07317	75.17133	75.43091	64.47653	0	35.52347	10.29405	25.22942	31.69451	8
1941.295	1942.635	1298.135	75.08481	110.4655	73.28014	72.8846	58.1755	1.283761	40.54074	15.33043	25.21031	30.30148	8
1941.3	1942.64	1298.14	82.08098	279.8612	77.58167	69.36179	31.62871	7.077605	61.29368	43.33632	17.95737	26.9302	8
1941.305	1942.645	1298.145	88.34787	267.5618	91.32681	88.27371	0	32.3917	67.6083	67.6083	0	-9999	8
1941.31	1942.65	1298.15	95.09683	151.5807	97.9398	100.3378	0	32.68758	67.31242	67.31242	0	-9999	8
1941.315	1942.655	1298.155	96.64192	50.3741	97.01274	98.38478	36.02503	12.86362	51.11135	36.58846	14.5229	29.20622	8
1941.32	1942.66	1298.16	95.30696	42.41386	95.40585	97.09927	41.28708	9.71637	48.99655	25.18652	23.81004	29.74141	8
1941.325	1942.665	1298.165	92.68649	29.5033	93.06967	93.67535	44.61897	8.380688	47.00035	33.61125	13.38909	30.3977	8
1941.33	1942.67	1298.17	87.04999	34.62169	87.34665	88.54564	49.23646	4.878509	45.88503	29.85798	16.02705	30.74989	8
1941.335	1942.675	1298.175	80.42464	30.71032	81.05504	81.58655	53.69185	2.516273	43.79188	22.84476	20.94711	31.35026	8
1941.34	1942.68	1298.18	76.95128	35.96622	76.976	75.03536	60.30941	0.20015	39.49044	25.50723	13.98321	32.65309	8
1941.345	1942.685	1298.185	71.85866	62.42905	71.29006	69.57192	63.18881	0	36.81119	19.38819	17.423	31.87611	8
1941.35	1942.69	1298.19	74.0465	175.3086	70.80799	63.60169	54.551	3.215604	42.23339	17.1029	25.1305	29.46758	8
1941.355	1942.695	1298.195	77.13669	241.7712	73.28014	67.96502	40.41386	6.474501	53.11164	29.86877	23.24287	26.72193	8
1941.36	1942.7	1298.2	79.4605	263.1768	79.4605	67.1245	3.207556	16.24813	80.54431	80.54431	0	-9999	8
1941.365	1942.705	1298.205	71.35187	256.943	74.56566	52.55119	0	19.33618	80.66382	80.66382	0	-9999	8
1941.37	1942.71	1298.21	69.07749	229.5329	70.20232	70.73383	12.18433	13.03089	74.78478	49.37506	25.40972	26.97729	8
1941.375	1942.715	1298.215	66.04911	227.4397	61.58689	62.10604	58.77664	5.678583	35.54478	23.70149	11.84329	26.53634	2
1941.38	1942.72	1298.22	60.17776	171.932	56.44482	52.99618	71.95921	2.910286	25.1305	16.98911	8.141391	30.71766	2
1941.385	1942.725	1298.225	55.91331	75.88964	55.70318	55.17167	71.82299	0	28.17701	17.99308	10.18393	31.00345	2
1941.39	1942.73	1298.23	53.31756	41.48185	53.7131	54.07156	77.84378	0	22.15622	18.08278	4.073446	30.15814	2
1941.395	1942.735	1298.235	52.45231	22.44451	51.89607	51.94552	90.62311	0	9.376889	4.643269	4.73362	31.99	2
1941.4	1942.74	1298.24	52.98382	29.53386	52.99618	53.0827	84.0119	0	15.9881	6.385434	9.602669	30.81539	2
1941.405	1942.745	1298.245	53.62658	37.79967	53.68838	54.70196	81.03705	0	18.96295	16.62356	2.339387	30.45132	2
1941.41	1942.75	1298.25	55.0357	70.20594	53.79963	53.83671	81.95689	0	18.04311	10.88958	7.153531	32.06521	2
1941.415	1942.755	1298.255	56.63023	86.98203	54.9739	51.51289	79.68715	0	20.31285	13.60448	6.708364	32.97138	2
1941.42	1942.76	1298.26	60.22721	143.7274	56.66732	53.18159	77.3981	1.139224	21.46268	16.66164	4.80104	32.877	2
1941.425	1942.765	1298.265	64.59055	155.7365	61.61161	55.82679	65.97523	2.384927	31.63985	11.92541	19.71444	30.68828	2
1941.43	1942.77	1298.27	69.12693	168.7234	67.11213	64.28153	51.18684	4.467499	44.34566	16.74735	27.59831	27.97427	2
1941.435	1942.775	1298.275	72.316	121.0078	70.42481	69.91802	58.84212	1.62449	39.53339	28.61536	10.91803	29.96297	2
1941.44	1942.78	1298.28	68.2246	124.5678	65.91314	62.1802	65.00175	1.069088	33.92916	8.632492	25.29667	31.23191	2
1941.445	1942.785	1298.285	75.51743	144.5066	75.48035	80.70894	35.84076	7.003526	57.15572	32.21365	24.94207	26.6036	2
1941.45	1942.79	1298.29	76.3456	136.5769	78.28624	80.16507	21.67052	11.02177	67.30771	36.13905	31.16866	27.86885	2
1941.455	1942.795	1298.295	81.04268	109.4571	80.73366	80.07854	41.34701	5.596212	53.05678	32.39267	20.66411	28.88861	2
1941.46	1942.8	1298.3	81.78432	73.03251	82.32819	82.4518	42.86955	5.722859	51.40759	21.79379	29.6138	29.51299	2
1941.465	1942.805	1298.305	81.05504	50.40466	80.88199	81.85849	54.57258	1.968908	43.45851	17.43064	26.02787	31.08402	8
1941.47	1942.81	1298.31	80.22687	32.29932	79.72008	77.6064	62.30247	0	37.69753	10.98478	26.71275	32.84081	8
1941.475	1942.815	1298.315	78.0143	54.13267	77.42098	76.76587	59.72493	0.358792	39.91628	11.99759	27.91869	32.00715	8
1941.48	1942.82	1298.32	76.86475	56.86757	77.22321	80.10326	52.7444	2.307982	44.94762	20.79678	24.15084	30.13667	8
1941.485	1942.825	1298.325	77.21085	52.83398	77.50751	77.42098	53.8811	2.011696	44.10721	21.06096	23.04625	30.93767	8
1941.49	1942.83	1298.33	76.32088	55.64527	76.25908	75.75229	56.79761	1.169143	42.03324	20.40088	21.63236	31.35025	8
1941.495	1942.835	1298.335	76.27144	48.47953	76.60518	77.42098	55.51175	1.500374	42.98788	28.23758	14.75029	31.05031	8
1941.5	1942.84	1298.34	76.50629	39.51089	77.00072	77.27266	56.22075	1.313784	42.46547	20.41788	22.04759	31.45197	8
1941.505	1942.845	1298.345	82.1057	37.21908	82.30347	82.84735	53.92301	2.466198	43.61079	27.6601	15.9507	31.33853	8
1941.51	1942.85	1298.35	91.73471	107.0736	91.03015	86.8275	35.15261	8.08503	56.76236	24.56718	32.19518	29.76822	8
1941.515	1942.855	1298.355	83.53955	106.7069	82.69902	83.0204	43.83465	4.691158	51.47419	32.04901	19.42518	29.09038	8
1941.52	1942.86	1298.36	87.70511	112.5128	87.1118	85.05992	36.68138	7.232586	56.08603	32.57723	23.5088	29.18772	8
1941.525	1942.865	1298.365	93.218	68.29609	92.55052	92.66177	42.88475	6.323331	50.79192	29.95631	20.83561	30.03717	8
1941.53	1942.87	1298.37	99.83099	340.9915	98.16229	88.70633	0	22.1566	77.8434	77.8434	0	-9999	8
1941.535	1942.875	1298.375	93.00787	273.1385	93.24272	91.37625	0	24.33573	75.66427	75.66427	0	-9999	8
1941.54	1942.88	1298.38	86.12294	94.37695	87.1736	90.33795	29.78504	11.08897	59.12598	31.94922	27.17676	28.19141	8
1941.545	1942.885	1298.385	85.13408	89.50302	85.57907	88.29843	36.56827	8.109527	55.3222	34.59591	20.72629	28.49745	8
1941.55	1942.89	1298.39	84.35535	73.44504	84.20703	83.35414	45.76892	4.778668	49.45241	16.68043	32.77197	30.06082	8
1941.555	1942.895	1298.395	84.54077	54.59104	84.29355	83.73732	50.92738	3.270951	45.80167	16.39102	29.41065	30.93482	8
1941.56	1942.9	1298.4	81.64835	43.00973	81.07976	80.27631	58.88176	0.610818	40.50742	16.08041	24.42701	32.30943	8
1941.565	1942.905	1298.405	78.86719	84.99579	77.35918	75.88825	58.56028	0.591653	40.84807	24.72956	16.11851	31.39782	2
1941.57	1942.91	1298.41	75.3073	82.5359	76.04894	79.28745	44.99586	4.336553	50.66759	35.69988	14.96772	28.66041	2
1941.575	1942.915	1298.415	72.45197	140.6716	71.95754	68.71903	43.13348	5.22323	51.64329	26.19351	25.44977	28.31536	2
1941.58	1942.92	1298.42	77.33446	161.9855	76.27144	75.2455	37.89023	6.493148	55.61662	28.50501	27.11161	27.55455	2
1941.585	1942.925	1298.425	76.65462	112.3753	77.35918	77.3221	36.82257	6.740662	56.43677	39.23517	17.2016	28.3049	2
1941.59	1942.93	1298.43	79.69536	137.5547	77.87833	77.00072	47.47398	3.558182	48.96783	22.90458	26.06325	28.80972	2
1941.595	1942.935	1298.435	82.22931	196.6225	83.30469	88.94119	8.432177	15.81364	75.75419	57.08812	18.66606	27.78447	2
1941.6	1942.94	1298.44	88.74341	233.047	92.00665	92.3033	0	31.79744	68.20256	68.20256	0	-9999	8
1941.605	1942.945	1298.445	93.36633	103.5748	94.14505	94.80017	23.00276	15.86896	61.12829	27.51896	33.60932	28.61496	8
1941.61	1942.95	1298.45	96.06097	80.90108	96.86441	100.0906	25.81913	16.91663	57.26424	39.27468	17.98956	28.19973	8
1941.615	1942.955	1298.455	98.22409	74.45344	98.47131	98.2859	29.70019	15.1441	55.15571	40.0613	15.09441	28.98557	8

1941.62	1942.96	1298.46	97.66786	105.8971	98.71852	97.77911	16.37583	21.80137	61.8228	34.93555	26.88725	28.92678	8
1941.625	1942.965	1298.465	96.59248	73.9034	96.95094	95.69015	30.47222	14.33641	55.19137	33.54048	21.65089	29.23445	8
1941.63	1942.97	1298.47	97.13635	64.85837	97.50717	99.0399	32.06496	14.27841	53.65663	32.41345	21.24318	28.82663	8
1941.635	1942.975	1298.475	98.37242	72.65054	99.02754	100.8817	26.83877	17.77731	55.38392	21.72616	33.65777	28.43755	8
1941.64	1942.98	1298.48	99.2624	66.50848	100.004	102.8346	26.8358	18.9008	54.2634	28.48365	25.77975	28.21049	8
1941.645	1942.985	1298.485	104.7011	58.91493	105.0967	106.4069	26.3521	22.32341	51.32449	26.8532	24.47129	28.18133	8
1941.65	1942.99	1298.49	107.2474	67.53215	108.088	108.9532	18.47548	30.97427	50.55025	27.5525	22.99774	27.58698	8
1941.655	1942.995	1298.495	106.1844	88.14321	107.198	108.5577	13.12444	32.26626	54.6093	30.42582	24.18348	27.76563	8
1941.66	1943	1298.5	104.2809	104.1248	105.2821	107.2103	11.10396	30.11977	58.77626	45.69323	13.08303	28.0904	8
1941.665	1943.005	1298.505	102.4267	109.6557	102.9953	105.6529	14.82411	24.27979	60.8961	33.05163	27.84447	28.12168	8
1941.67	1943.01	1298.51	102.0806	78.1509	102.3773	102.8346	24.8742	19.62586	55.49994	29.08906	26.41088	28.53596	8
1941.675	1943.015	1298.515	101.9447	83.28456	102.5009	101.8952	21.74523	21.81181	56.44296	28.54356	27.8994	28.62082	8
1941.68	1943.02	1298.52	99.64558	74.98819	99.17587	96.29582	33.81916	11.74317	54.43767	33.19293	21.24473	29.8404	8
1941.685	1943.025	1298.525	98.90394	83.78876	98.60728	95.96208	31.0306	12.89757	56.07184	32.63856	23.43328	29.55883	8
1941.69	1943.03	1298.53	98.52075	68.23498	98.96574	98.36006	29.3994	16.26816	54.33244	22.29224	32.0402	29.02575	8
1941.695	1943.035	1298.535	98.17465	56.36337	97.91508	96.17221	38.05109	10.72798	51.22093	36.50877	14.71217	30.01628	8
1941.7	1943.04	1298.54	96.97566	71.07683	96.679	95.34404	35.8809	10.63861	53.4805	23.93154	29.54896	29.67892	8
1941.705	1943.045	1298.545	96.6172	87.33344	96.54304	99.06462	30.55226	12.75807	56.68967	22.09373	34.59594	28.52938	8
1941.71	1943.05	1298.55	96.25874	71.68798	96.25874	96.54304	34.09347	11.85624	54.05029	24.91059	29.13971	29.20529	8
1941.715	1943.055	1298.555	95.99916	79.23569	96.13513	95.48001	31.45198	12.93295	55.61507	29.09607	26.519	29.17295	8
1941.72	1943.06	1298.56	97.2476	50.40466	96.77789	96.06097	41.97452	8.424924	49.60056	29.96407	19.63649	30.30562	8
1941.725	1943.065	1298.565	98.55783	46.89054	98.36006	97.0251	39.51201	10.76451	49.72348	25.96518	23.7583	30.11867	8
1941.73	1943.07	1298.57	100.2513	113.017	99.62086	99.23767	25.3043	13.68312	61.01258	27.77885	33.23373	28.92561	8
1941.735	1943.075	1298.575	103.0819	106.218	104.0954	104.1572	11.60469	28.55523	59.84008	39.5229	20.31719	28.54891	8
1941.74	1943.08	1298.58	100.8075	83.77348	100.585	99.59614	28.70825	14.93775	56.354	41.46007	14.89393	29.11078	8
1941.745	1943.085	1298.585	98.16229	118.7924	99.16351	99.53433	13.18348	22.91539	63.90113	55.85035	8.050781	28.80733	8
1941.75	1943.09	1298.59	100.0535	193.1389	102.2537	107.5441	0	39.07789	60.92211	60.92211	0	-9999	8
1941.755	1943.095	1298.595	105.8383	90.35863	106.5181	107.6183	15.49321	28.6512	55.85559	42.39949	13.4561	27.95977	8
1941.76	1943.1	1298.6	100.6715	90.57254	100.4243	99.33656	27.37956	15.10746	57.51298	39.15525	18.35773	29.07293	8
1941.765	1943.105	1298.605	102.8841	63.65135	102.5256	102.5751	32.72109	14.41599	52.86293	26.90116	25.96177	29.17662	8
1941.77	1943.11	1298.61	104.5157	85.19441	103.1437	102.5504	33.86182	9.122157	57.01602	30.9387	26.07732	29.71977	8
1941.775	1943.115	1298.615	105.9743	146.6456	105.554	103.3044	10.27248	22.48896	67.23856	58.41441	8.824148	29.47646	8
1941.78	1943.12	1298.62	106.3945	106.9514	106.1597	100.8322	18.05491	21.95751	59.98758	29.25749	30.73009	29.53563	8
1941.785	1943.125	1298.625	107.5812	117.8146	109.2128	105.554	0	43.32278	56.67722	56.67722	0	-9999	8
1941.79	1943.13	1298.63	105.3933	81.6039	106.8395	108.2363	12.08191	34.59817	53.31992	29.1787	24.14123	27.69082	8
1941.795	1943.135	1298.635	103.3909	45.54601	102.5627	101.0918	40.27657	9.978684	49.74475	18.56365	31.1811	30.38191	8
1941.8	1943.14	1298.64	98.95338	59.67887	98.65672	99.22531	36.8197	11.30788	51.87242	25.67751	26.19491	29.46623	8
1941.805	1943.145	1298.645	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1942.03	1943.37	1298.87	85.98697	72.36024	84.45424	83.60135	55.25947	0.881832	43.8587	25.60841	18.25029	31.488	2
1942.035	1943.375	1298.875	91.22792	99.89258	89.74463	87.64331	43.39179	4.139321	52.46889	17.49237	34.97652	30.1121	2
1942.04	1943.379	1298.879	92.9337	50.19075	93.00787	92.78537	41.78006	8.460521	49.75942	20.04077	29.71865	30.06845	2
1942.045	1943.384	1298.884	96.14749	50.03796	95.66542	94.82489	43.17115	7.635387	49.19346	33.59877	15.59469	30.45435	2
1942.05	1943.389	1298.889	92.71121	56.69951	92.36511	91.06723	43.66669	6.780137	49.55318	32.44886	17.10432	30.44498	2
1942.055	1943.394	1298.894	86.04877	83.92627	85.12172	83.23053	47.70964	3.606382	48.68397	33.98625	14.69772	30.40783	2
1942.06	1943.399	1298.899	97.70494	59.34273	98.50839	98.33534	29.52379	17.12825	53.34796	28.64689	24.70106	28.94534	2
1942.065	1943.404	1298.904	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1942.405	1943.739	1299.239	71.58672	138.8229	69.86858	73.30486	53.86068	3.03504	43.10428	26.07306	17.03122	28.03439	2
1942.41	1943.744	1299.244	68.38529	135.2018	67.05033	61.25315	54.71263	3.042198	42.24518	18.50921	23.73596	29.68482	2
1942.415	1943.749	1299.249	64.35569	185.8968	62.53866	58.781	49.88771	5.60375	44.50854	29.4667	15.04184	27.18994	2
1942.42	1943.754	1299.254	58.50907	123.6358	56.40774	51.77247	72.53706	0.912958	26.54998	21.83349	4.716489	32.24372	2
1942.425	1943.759	1299.259	60.1036	172.7417	58.39782	56.03692	56.12099	4.607993	39.27102	20.8151	18.45592	27.61557	2
1942.43	1943.764	1299.264	52.72424	22.36812	51.94552	52.83549	92.11574	0	7.884261	4.755957	3.128304	32.21827	2
1942.435	1943.769	1299.269	59.6957	14.51483	59.57209	58.60795	82.52533	0	17.47467	15.92023	1.554445	30.79813	2
1942.44	1943.774	1299.274	60.37554	26.86007	60.26429	59.86875	78.81653	0	21.18347	10.94444	10.23903	30.59093	2
1942.445	1943.778	1299.278	63.52752	33.27716	63.68821	64.15792	72.25626	0	27.74374	5.499521	22.24421	30.32255	2
1942.45	1943.783	1299.283	66.03675	24.84328	65.65357	64.66471	76.20378	0	23.79622	23.64827	0.147943	30.84102	2
1942.455	1943.788	1299.288	66.09855	11.48963	66.50646	66.98853	73.24758	0	26.75242	4.071028	22.68139	30.26097	2
1942.46	1943.793	1299.293	64.85012	15.63018	64.40513	63.94779	80.00403	0	19.99597	14.2507	5.74527	30.79063	2
1942.465	1943.798	1299.298	61.67341	36.71488	60.99357	60.52386	79.64422	0	20.35578	7.90138	12.4544	31.04329	2
1942.47	1943.803	1299.303	60.91941	30.49642	60.37554	60.01707	80.78902	0	19.21098	5.453293	13.75769	30.96276	2
1942.475	1943.808	1299.308	62.61283	53.26178	60.8576	59.21363	83.10983	0	16.89017	15.19662	1.693553	32.15288	2
1942.48	1943.813	1299.313	61.11718	74.14786	60.35081	58.69448	71.76774	0	28.23226	18.70242	9.529831	31.46974	2
1942.485	1943.818	1299.318	58.05172	73.79645	56.60551	55.83915	79.94177	0	20.05823	9.078376	10.97985	32.08753	2
1942.49	1943.823	1299.323	59.15182	78.19673	58.10116	62.01951	74.79934	0	25.20066	4.42	20.78066	30.73724	2
1942.495	1943.828	1299.328	62.67463	87.5015	61.35203	59.18891	71.41411	0	28.58589	20.59057	7.995323	31.93066	2
1942.5	1943.833	1299.333	55.28291	60.19835	54.02212	52.93438	84.34288	0	15.65712	10.61159	5.045531	32.35626	2
1942.505	1943.838	1299.338	57.75506	117.4173	55.88859	52.42759	72.9155	0.647468	26.43704	18.53713	7.89991	32.22679	2
1942.51	1943.842	1299.342	59.91819	113.0629	59.7575	58.89225	58.75939	1.925229	39.31538	25.64836	13.66702	29.28728	2
1942.515	1943.847	1299.347	60.28901	105.4388	59.85639	56.79092	62.37077	1.202911	36.42631	9.713828	26.71249	30.49746	2
1942.52	1943.852	1299.352	66.80312	130.3279	65.98731	60.14068	53.3243	3.20482	43.47088	31.72771	11.74317	29.52721	2
1942.525	1943.857	1299.357	69.88094	81.63446	69.78205	68.39765	56.72036	1.377386	41.90225	23.43855	18.4637	30.53529	2
1942.53	1943.862	1299.362	66.98853	90.34335	67.68073	67.73017	51.14291	2.49443	46.36266	21.88902	24.47364	29.1935	2
1942.535	1943.867	1299.367	64.97373	109.3043	65.34455	67.48296	50.89866	2.962815	46.13853	14.41056	31.72797	28.19502	2

1942.54	1943.872	1299.372	60.58567	82.90259	60.31373	59.4114	66.30626	0	33.69374	9.170801	24.52294	31.25686	2
1942.545	1943.877	1299.377	60.06652	43.81951	59.21363	57.73034	80.74438	0	19.25562	12.17507	7.080546	31.48577	2
1942.55	1943.882	1299.382	64.4793	119.6022	62.39033	62.31617	67.92478	0.850949	31.22427	27.11005	4.114217	30.95753	2
1942.555	1943.887	1299.387	73.36666	150.45	71.61144	68.49654	49.69675	3.913648	46.3896	27.15602	19.23359	28.64428	2
1942.56	1943.892	1299.392	78.45929	66.03483	78.91663	79.36162	48.29259	3.697844	48.00957	16.04044	31.96913	29.93815	2
1942.565	1943.897	1299.397	81.20337	50.00741	80.67186	78.19971	57.31032	1.053587	41.63609	21.57951	20.05658	32.17685	2
1942.57	1943.902	1299.402	80.32576	77.24945	80.01674	76.51865	49.80083	3.203609	46.99556	27.43552	19.56004	30.72252	2
1942.575	1943.907	1299.407	74.25664	113.3379	74.75107	76.08603	40.4243	5.589973	53.98573	29.99994	23.98579	28.03239	2
1942.58	1943.911	1299.411	76.14783	64.04859	76.12311	73.97234	54.63583	1.766216	43.59796	22.16443	21.43353	31.13512	2
1942.585	1943.916	1299.416	71.19118	49.48793	69.78205	67.07505	73.44875	0	26.55125	10.55667	15.99459	31.46379	2
1942.59	1943.921	1299.421	71.11701	118.2271	68.5707	67.45823	65.6953	0.409591	33.89511	12.68359	21.21152	31.28438	2
1942.595	1943.926	1299.426	68.68195	44.26259	67.75489	67.17394	73.28574	0	26.71426	11.89329	14.82097	31.03405	2
1942.6	1943.931	1299.431	66.72895	47.73087	65.9255	65.5176	73.28521	0	26.71479	19.63833	7.07646	30.99172	2
1942.605	1943.936	1299.436	67.38407	28.05182	67.71781	68.95388	68.63163	0	31.36837	18.44814	12.92023	30.45215	2
1942.61	1943.941	1299.441	67.40879	40.82487	67.80434	66.77839	65.03883	0	34.96117	6.459644	28.50152	31.11884	8
1942.615	1943.946	1299.446	68.13807	70.17538	66.95144	65.20858	69.52691	0	30.47309	23.41593	7.057159	31.52361	8
1942.62	1943.951	1299.451	71.3395	71.94772	70.85744	68.76847	60.69234	0.402276	38.90539	21.13367	17.77171	31.62038	8
1942.625	1943.956	1299.456	68.23696	60.87061	67.35935	66.01203	69.2928	0	30.7072	15.70704	15.00016	31.34181	8
1942.63	1943.961	1299.461	65.98731	54.2549	65.18386	62.04423	72.38871	0	27.61129	12.06444	15.54685	31.54431	8
1942.635	1943.966	1299.466	66.71659	60.88589	66.4941	65.15914	65.61067	0	34.38933	7.885926	26.5034	31.33069	8
1942.64	1943.971	1299.471	62.01951	52.95621	61.52508	59.60917	73.95847	0	26.04153	14.7561	11.28542	31.18318	8
1942.645	1943.975	1299.475	63.46572	78.38008	62.26673	59.31251	71.93574	0	28.06426	17.86426	10.2	31.90145	8
1942.65	1943.98	1299.48	66.93908	91.09201	66.60534	65.50524	58.95826	1.183785	39.85796	22.83429	17.02367	30.40115	8
1942.655	1943.985	1299.485	67.98975	85.20969	68.21224	66.92672	55.10437	1.712958	43.18268	12.16249	31.02018	30.09005	2
1942.66	1943.99	1299.49	69.28762	97.98274	70.26412	71.48783	44.97571	3.980431	51.04386	33.78882	17.25504	28.39264	2
1942.665	1943.995	1299.495	71.73505	88.93771	72.8846	75.023	43.57183	4.371015	52.05715	18.28178	33.77537	28.458	2
1942.67	1944	1299.5	70.95632	93.38383	72.79807	75.07245	37.84774	5.617394	56.53486	22.73256	33.8023	28.06535	2
1942.675	1944.005	1299.505	73.51499	59.03716	74.21955	75.54215	52.61886	2.10081	45.28033	31.15813	14.1222	30.19049	2
1942.68	1944.01	1299.51	71.59908	57.83014	71.74741	71.69797	58.98441	0.525039	40.49056	18.36813	22.12242	31.29263	2
1942.685	1944.015	1299.515	69.62136	74.36176	69.2629	68.39765	60.73087	0.453857	38.81527	23.62967	15.1856	31.23131	2
1942.69	1944.02	1299.52	69.48539	64.6903	69.05277	70.70911	63.77123	0	36.22877	13.65731	22.57145	31.08433	2
1942.695	1944.025	1299.525	68.53362	84.44575	68.15044	66.85256	59.48287	0.918447	39.59869	18.7987	20.79999	30.78925	2
1942.7	1944.03	1299.53	64.5411	78.77733	63.24323	60.19012	71.61662	0	28.38338	21.74438	6.639004	31.92761	2
1942.705	1944.035	1299.535	63.57697	112.3142	61.92063	56.0122	67.16577	0.759035	32.0752	9.739691	22.3355	31.99143	2
1942.71	1944.04	1299.54	67.65601	69.30449	67.55712	66.43229	61.75115	0.137982	38.11087	23.88393	14.22694	31.4516	2
1942.715	1944.044	1299.544	70.32592	61.86373	71.19118	71.40131	53.62343	1.648392	44.72818	21.72163	23.00655	30.30163	2
1942.72	1944.049	1299.549	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1943.02	1944.344	1299.844	70.37537	29.53386	70.48661	70.15287	67.24531	0	32.75469	18.27346	14.48123	31.12359	2
1943.025	1944.349	1299.849	74.05887	77.66198	74.38024	77.44571	50.58096	2.794542	46.6245	15.81702	30.80748	29.25024	2
1943.03	1944.353	1299.853	70.84508	54.63687	69.96746	71.06757	68.4019	0	31.5981	15.17488	16.42322	30.91891	2
1943.035	1944.358	1299.858	74.13303	52.29922	73.83637	71.10465	61.4403	0	38.5597	11.39274	27.16697	32.41578	2
1943.04	1944.362	1299.862	70.33829	102.0927	71.40131	66.63007	42.34391	4.688074	52.96802	25.55087	27.41714	29.30091	2
1943.045	1944.367	1299.867	65.4558	120.7481	63.67585	56.79092	64.3542	1.306959	34.33884	15.73425	18.60458	31.54288	2
1943.05	1944.371	1299.871	66.28397	54.48409	64.67707	61.89591	78.28704	0	21.71296	7.105266	14.60769	31.80729	2
1943.055	1944.376	1299.876	68.84264	41.19156	68.48418	66.92672	69.47449	0	30.52551	11.79563	18.72988	31.20291	2
1943.06	1944.38	1299.88	74.13303	71.59631	74.3308	76.23435	52.93858	2.171707	44.88972	27.80379	17.08593	29.88208	2
1943.065	1944.384	1299.884	74.93648	107.7306	77.56931	80.95615	24.58316	9.91764	65.4992	38.10527	27.39393	27.91361	2
1943.07	1944.389	1299.889	77.85361	62.65823	79.57175	81.20337	39.89579	6.251161	53.85305	24.98965	28.86339	29.0937	2
1943.075	1944.393	1299.893	76.03658	67.77661	76.84003	78.87955	47.41769	3.723591	48.85872	34.9057	13.95302	29.4112	2
1943.08	1944.398	1299.898	75.62868	49.82406	75.85117	76.46921	56.63987	1.166964	42.19316	16.95591	25.23726	31.1862	2
1943.085	1944.402	1299.902	77.6682	48.23507	77.26029	75.96242	60.03363	0.283282	39.68309	17.27915	22.40394	32.26404	2
1943.09	1944.407	1299.907	79.47287	33.38411	79.55939	77.42098	58.13544	0.952787	40.91177	21.77665	19.13512	32.46268	2
1943.095	1944.411	1299.911	79.27509	42.78055	80.05382	77.47043	50.67889	3.230739	46.09037	15.21402	30.87634	31.23571	2
1943.1	1944.415	1299.915	81.16629	74.34648	82.14278	79.94257	39.76731	6.737817	53.49487	26.41596	27.07891	29.67317	2
1943.105	1944.42	1299.92	79.41106	108.0667	81.07976	83.0204	27.85726	9.996902	62.14584	45.73313	16.41271	28.10945	2
1943.11	1944.424	1299.924	82.11806	48.08228	81.72252	82.05626	55.88093	1.559488	42.55958	14.70319	27.85639	31.49674	2
1943.115	1944.429	1299.929	80.90671	30.02278	80.46172	80.39992	61.74896	0	38.25104	13.86179	24.38925	32.68447	2
1943.12	1944.433	1299.933	82.64957	39.1442	82.32819	80.27631	56.98018	1.334633	41.68518	12.43922	29.24596	32.30477	2
1943.125	1944.438	1299.938	79.91785	54.46881	81.71016	81.27753	39.40375	6.99008	53.60617	28.08347	25.5227	29.6341	2
1943.13	1944.442	1299.942	79.20093	54.82022	80.73366	83.16872	41.98999	5.936226	52.07378	27.51196	24.56182	29.24307	2
1943.135	1944.446	1299.946	80.18979	47.24195	80.68422	79.53467	50.96102	3.179786	45.8592	21.3826	24.4766	30.96221	2
1943.14	1944.451	1299.951	81.61127	50.31298	81.7596	82.25403	51.59234	3.020346	45.38731	18.66367	26.72364	30.75064	2
1943.145	1944.455	1299.955	80.82019	45.51545	80.64714	81.4135	55.97183	1.562229	42.46594	22.77344	19.6925	31.4062	2
1943.15	1944.46	1299.96	68.9168	44.46121	68.5089	67.71781	68.99819	0	31.00181	22.20899	8.792821	31.104	2
1943.155	1944.464	1299.964	64.35569	91.55038	63.13198	62.7488	68.12134	0	31.87866	5.791803	26.08685	31.58132	2
1943.16	1944.469	1299.969	62.83532	58.86909	61.92063	62.0566	75.03406	0	24.96594	18.7149	6.251034	31.06359	2
1943.165	1944.473	1299.973	72.09351	95.9965	72.08115	71.87102	50.53861	2.944818	46.51657	25.45044	21.06613	29.3349	2
1943.17	1944.478	1299.978	73.66332	78.70093	72.67446	71.01813	60.84777	0.403211	38.74902	18.34326	20.40575	31.5689	2
1943.175	1944.482	1299.982	68.9786	44.64456	68.12571	66.01203	72.3456	0	27.6544	12.62271	15.03169	31.31554	2
1943.18	1944.486	1299.986	68.90444	40.16788	68.70667	65.81426	68.42002	0	31.57998	12.79816	18.78182	31.47149	2
1943.185	1944.491	1299.991	69.52248	45.60712	69.00333	69.22582	69.02582	0	30.97418	15.65645	15.31774	30.95792	2
1943.19	1944.495	1299.995	64.7636	25.59194	64.56582	63.70057	75.75697	0	24.24303	18.53493	5.708096	30.71003	2
1943.195	1944.5	1300	64.02195	27.31844	63.23086	61.488	80.61967	0	19.38033	10.40008	8.980258	31.27171	2

1943.2	1944.504	1300.004	66.96381	52.32978	66.01203	63.52752	73.10576	0	26.89424	17.64126	9.252978	31.44004	2
1943.205	1944.509	1300.009	73.3543	231.3664	76.30852	76.91419	0	18.11763	81.88237	81.88237	0	-9999	2
1943.21	1944.513	1300.013	78.45929	313.6578	86.1971	87.74219	0	41.26052	58.73948	58.73948	0	-9999	2
1943.215	1944.517	1300.017	81.95737	208.1732	85.03519	83.7126	0	22.5932	77.4068	77.4068	0	-9999	2
1943.22	1944.522	1300.022	82.78554	146.4317	83.39122	83.0204	23.70684	11.31192	64.98124	32.83153	32.14971	28.14242	2
1943.225	1944.526	1300.026	86.93875	141.8939	86.12294	82.19223	32.00054	8.167148	59.83231	34.54352	25.28879	28.92716	2
1943.23	1944.531	1300.031	75.86353	70.75597	75.2455	74.3308	57.87239	0.952294	41.17532	20.36219	20.81313	31.24287	2
1943.235	1944.535	1300.035	78.73122	66.00428	78.53345	77.49515	53.12697	2.243954	44.62907	16.60922	28.01986	30.81551	2
1943.24	1944.54	1300.04	79.21329	77.99811	78.78066	76.54337	51.60108	2.637749	45.76117	22.66613	23.09504	30.63086	2
1943.245	1944.544	1300.044	73.89818	65.46952	73.66332	74.19483	57.99017	0.897442	41.11239	22.54283	18.56956	30.98485	2
1943.25	1944.548	1300.048	75.54215	60.87061	74.20719	73.42847	66.11646	0	33.88354	25.20604	8.677494	31.38518	2
1943.255	1944.553	1300.053	77.68056	94.34639	76.33324	70.73383	56.14379	1.392284	42.46393	14.853	27.61093	31.47015	2
1943.26	1944.557	1300.057	72.64974	62.79574	72.01934	68.9786	62.85125	0	37.14875	19.31015	17.8386	32.16911	2
1943.265	1944.562	1300.062	61.61161	21.89447	61.64869	61.17898	77.73147	0	22.26853	20.69861	1.569918	30.45798	2
1943.27	1944.566	1300.066	57.87867	40.61096	58.63267	59.65861	71.08024	0	28.91976	15.07768	13.84208	29.706	2
1943.275	1944.571	1300.071	58.26185	61.00812	57.12466	56.40774	80.44833	0	19.55167	19.55167	0	31.74224	2
1943.28	1944.575	1300.075	60.94413	24.30852	60.95649	60.95649	77.95294	0	22.04706	10.72216	11.3249	30.39517	2
1943.285	1944.58	1300.08	61.16662	32.03958	60.43734	56.53135	81.62507	0	18.37493	18.37493	0	31.77609	2
1943.29	1944.584	1300.084	68.60778	98.83835	67.98975	65.95023	57.75174	1.57716	40.6711	16.43736	24.23373	30.30814	2
1943.295	1944.588	1300.088	69.41123	70.93932	69.43595	68.76847	58.78276	0.747798	40.46944	19.15074	21.3187	30.93433	2
1943.3	1944.593	1300.093	68.92916	40.53457	68.1628	67.77961	72.71514	0	27.28486	19.81494	7.469928	30.95601	2
1943.305	1944.597	1300.097	66.11092	65.6987	65.02317	62.39033	71.70889	0	28.29111	23.58707	4.704042	31.62086	2
1943.31	1944.602	1300.102	70.73383	145.515	69.07749	64.62763	52.54687	3.506835	43.94629	18.3406	25.60569	29.0975	2
1943.315	1944.606	1300.106	75.7152	140.0605	79.16385	84.68909	9.720389	14.44389	75.83572	60.6745	15.16122	28.5062	2
1943.32	1944.611	1300.111	80.94379	38.22748	81.17865	83.40358	54.46054	2.183826	43.35563	28.5288	14.82683	31.02803	2
1943.325	1944.615	1300.115	73.5768	32.34515	74.15775	75.2455	59.97942	0.086013	39.93456	11.95334	27.98122	31.91825	2
1943.33	1944.619	1300.119	69.63372	44.03341	69.81913	71.38895	63.84395	0	36.15605	12.9136	23.24245	30.97869	2
1943.335	1944.624	1300.124	64.65235	34.11749	65.64121	65.70301	64.59975	0	35.40025	24.01978	11.38046	30.4661	2
1943.34	1944.628	1300.128	70.65966	69.21282	71.88338	76.16019	48.75984	2.829872	48.41029	25.61032	22.79997	28.85515	2
1943.345	1944.633	1300.133	74.23192	22.04726	74.98592	75.52979	60.52766	0	39.47234	24.03714	15.43519	32.2621	2
1943.35	1944.637	1300.137	69.12693	15.8288	69.34943	71.52492	70.84833	0	29.15167	9.581831	19.56984	30.31878	2
1943.355	1944.642	1300.142	67.79197	26.79896	68.00211	66.87728	69.51751	0	30.48249	6.801771	23.68072	30.89859	2
1943.36	1944.646	1300.146	81.4135	96.63821	82.62485	82.51361	32.32516	9.030567	58.64427	35.82315	22.82112	28.67924	2
1943.365	1944.65	1300.15	82.81026	51.13804	82.69902	82.06862	52.30131	2.797736	44.90095	26.89499	18.00596	31.09923	2
1943.37	1944.655	1300.155	80.0291	71.99355	79.64592	79.26273	51.92046	2.577716	45.50183	20.49583	25.006	30.48955	2
1943.375	1944.659	1300.159	75.67812	38.36499	75.72756	74.6151	60.70862	0.056065	39.23532	16.32491	22.9104	32.43812	2
1943.38	1944.664	1300.164	72.37781	34.80503	72.27892	70.88216	65.75597	0	34.24403	22.99002	11.25401	31.61648	2
1943.385	1944.668	1300.168	73.61388	48.21979	73.65096	72.30364	60.31865	0.162644	39.5187	16.07087	23.44783	32.08488	2
1943.39	1944.673	1300.173	76.19727	78.96067	76.6917	76.2838	46.9582	3.874734	49.16707	21.0168	28.15027	29.59875	2
1943.395	1944.677	1300.177	74.88703	73.88812	75.57924	76.60518	47.85845	3.512691	48.62886	24.09802	24.53085	29.46158	2
1943.4	1944.682	1300.182	79.48523	54.82022	80.47408	80.84491	45.94345	4.667948	49.38861	22.78758	26.60102	29.95368	2
1943.405	1944.686	1300.186	81.01796	33.84247	81.78432	82.58777	51.33427	3.3532	45.31253	19.18416	26.12837	30.91262	2
1943.41	1944.69	1300.19	80.56061	57.87597	79.72008	77.76708	58.39236	0.635551	40.97209	25.18197	15.79012	32.0821	2
1943.415	1944.695	1300.195	75.98714	41.61936	76.48157	78.58289	56.18812	1.285791	42.52609	30.72487	11.80122	31.0256	2
1943.42	1944.699	1300.199	74.07123	49.82406	74.94884	77.85361	52.99556	1.986833	45.01761	16.75317	28.26444	30.16314	2
1943.425	1944.704	1300.204	76.24671	37.708	76.60518	79.34926	57.94961	0.817852	41.23254	29.69293	11.53961	31.28321	2
1943.43	1944.708	1300.208	71.15409	36.30235	71.53728	72.90932	62.7834	0	37.2166	19.32367	17.89293	31.26599	2
1943.435	1944.713	1300.213	71.84629	23.8196	72.89696	74.14539	59.99443	0	40.00557	19.14218	20.86339	31.76762	2
1943.44	1944.717	1300.217	78.45929	90.0225	80.30103	80.7213	31.75846	8.719882	59.52166	26.23872	33.28294	28.63087	2
1943.445	1944.721	1300.221	73.9229	48.63232	74.08359	72.52613	58.97657	0.49664	40.52679	18.62497	21.90182	31.89909	2
1943.45	1944.726	1300.226	68.33585	68.49472	69.94274	72.13059	48.10186	2.681144	49.21699	32.50768	16.70931	29.09135	2
1943.455	1944.73	1300.23	71.12937	46.35578	71.42603	71.45075	61.04378	0	38.95622	12.41617	26.54005	31.69979	2
1943.46	1944.735	1300.235	74.80051	45.36266	74.17011	73.53971	65.09135	0	34.90865	11.44372	23.46494	31.62573	2
1943.465	1944.739	1300.239	72.98348	44.79735	73.14417	72.64974	60.7689	0	39.2311	25.34877	13.88234	32.04437	2
1943.47	1944.744	1300.244	73.05765	33.52162	72.97112	71.82157	65.3453	0	34.6547	16.01027	18.64442	31.67293	2
1943.475	1944.748	1300.248	77.29738	67.4252	78.27387	75.82645	45.00166	4.561127	50.43722	26.99504	23.44218	30.07833	2
1943.48	1944.752	1300.252	74.35552	48.02117	74.50385	74.51621	58.82225	0.54586	40.63189	11.48444	29.14745	31.61991	2
1943.485	1944.757	1300.257	74.60274	55.73695	74.50385	77.19849	58.64351	0.659056	40.69744	9.925116	30.77232	30.94343	2
1943.49	1944.761	1300.261	72.39017	74.86596	71.12937	70.84508	65.05464	0	34.94536	12.31286	22.6325	31.44052	2
1943.495	1944.766	1300.266	74.42969	37.84551	75.27022	74.269	55.85197	1.224641	42.92339	11.64196	31.28143	31.55249	2
1943.5	1944.77	1300.27	73.19361	24.00294	73.82401	74.3308	61.96758	0	38.03242	7.533135	30.49928	31.85769	2
1943.505	1944.775	1300.275	75.28258	29.213	75.50507	76.48157	61.94616	0	38.05384	8.045931	30.00791	32.00471	2
1943.51	1944.779	1300.279	72.39017	18.97623	72.13059	71.61144	70.82051	0	29.17949	6.319145	22.86035	31.11503	2
1943.515	1944.784	1300.284	72.30364	15.1871	72.39017	73.09473	69.1348	0	30.8652	13.54144	17.32376	30.99857	2
1943.52	1944.788	1300.288	75.17133	10.02287	75.07245	75.57924	69.18321	0	30.81679	13.55701	17.25978	31.33643	2
1943.525	1944.792	1300.292	72.03171	32.46738	71.3395	72.55086	71.23828	0	28.76172	5.874779	22.88694	30.74497	2
1943.53	1944.797	1300.297	68.81792	42.32219	69.11457	70.95632	64.14645	0	35.85355	20.23767	15.61588	30.80634	2
1943.535	1944.801	1300.301	71.15409	39.9387	71.85866	72.90932	59.41272	0.130706	40.45658	10.99695	29.45963	31.53508	2
1943.54	1944.806	1300.306	70.06635	47.59336	70.15287	70.31356	63.3508	0	36.6492	8.888282	27.76092	31.33579	2
1943.545	1944.81	1300.31	65.2333	81.11498	64.09612	61.63633	69.16874	0	30.83126	13.96834	16.86293	31.78753	2
1943.55	1944.815	1300.315	68.44709	86.82924	67.28518	65.91314	65.02079	0.011637	34.96757	10.15859	24.80898	31.73146	2
1943.555	1944.819	1300.319	71.04285	58.51768	70.8698	71.38895	61.82044	0	38.17956	13.64239	24.53717	31.52712	2
1943.56	1944.823	1300.323	73.78693	57.38705	72.93404	71.64852	64.83826	0	35.16174	17.17742	17.98432	31.67141	2

1943.565	1944.828	1300.328	71.6856	41.89438	71.17881	70.48661	67.83843	0	32.16157	7.629357	24.53222	31.27016	2
1943.57	1944.832	1300.332	67.68073	47.21139	66.98853	66.43229	71.67313	0	28.32687	13.7249	14.60197	31.00587	2
1943.575	1944.837	1300.337	67.64365	54.74383	67.07505	67.07505	68.92644	0	31.07356	8.965623	22.10794	30.99397	2
1943.58	1944.841	1300.341	65.54232	56.14947	65.35691	65.18386	67.54983	0	32.45017	14.58289	17.86728	30.92139	2
1943.585	1944.846	1300.346	68.44709	38.65528	68.55834	69.11457	66.81193	0	33.18807	18.09281	15.09526	30.83643	2
1943.59	1944.85	1300.35	71.2777	39.57201	71.46311	71.87102	63.41115	0	36.58885	16.6309	19.95794	31.39343	2
1943.595	1944.855	1300.355	70.02927	53.94933	70.16523	68.74375	61.46358	0	38.53642	13.52963	25.00679	31.81622	2
1943.6	1944.859	1300.359	70.53606	61.14563	71.48783	73.16889	52.93332	1.79909	45.26759	25.96825	19.29934	29.96368	2
1943.605	1944.863	1300.363	68.03919	65.74454	68.43473	75.07245	58.42831	0.651051	40.92064	21.59226	19.32838	29.56899	2
1943.61	1944.868	1300.368	69.21346	62.82629	69.94274	72.08115	55.46771	1.21049	43.3218	28.75285	14.56895	30.10166	2
1943.615	1944.872	1300.372	67.13686	72.20746	68.2864	70.59786	51.85089	1.933828	46.21528	20.0386	26.17668	29.28983	2
1943.62	1944.877	1300.377	72.04407	79.89268	72.04407	76.08603	54.38543	1.867589	43.74698	27.83025	15.91673	29.37025	2
1943.625	1944.881	1300.381	71.82157	49.93101	71.78449	72.37781	62.12823	0	37.87177	22.66226	15.20951	31.5414	2
1943.63	1944.886	1300.386	77.82889	54.1174	77.53223	76.61754	57.60011	0.966638	41.43325	18.61139	22.82186	31.65507	2
1943.635	1944.89	1300.39	74.18247	85.80556	74.02178	74.77579	52.23252	2.47182	45.29566	25.89031	19.40534	29.69763	2
1943.64	1944.894	1300.394	76.76587	77.99811	76.41976	76.45685	53.18214	2.199805	44.61806	19.79515	24.8229	30.27048	2
1943.645	1944.899	1300.399	77.61876	131.6266	76.67934	74.05887	44.01758	4.756445	51.22597	28.60585	22.62012	28.77981	2
1943.65	1944.903	1300.403	79.54703	91.56566	79.75716	78.92899	43.02932	5.210015	51.76067	21.75944	30.00122	29.26416	8
1943.655	1944.908	1300.408	76.33324	61.66511	76.09839	75.023	56.67058	1.220467	42.10895	23.8942	18.21475	31.29399	8
1943.66	1944.912	1300.412	76.22199	65.24034	75.86353	75.31966	56.86568	1.181068	41.95325	24.04398	17.90927	31.14626	8
1943.665	1944.917	1300.417	79.18857	71.77965	78.85483	79.36162	52.36232	2.444811	45.19287	28.6587	16.53416	30.33796	8
1943.67	1944.921	1300.421	78.0761	48.18923	77.22321	76.66698	63.11809	0	36.88191	12.01193	24.86998	31.91847	8
1943.675	1944.925	1300.425	76.54337	33.58273	76.98836	76.90183	58.00443	0.819251	41.17632	18.31018	22.86613	31.91073	8
1943.68	1944.93	1300.43	79.20093	54.45353	79.00316	78.73122	55.49012	1.601836	42.90804	13.16395	29.74409	31.26548	8
1943.685	1944.934	1300.434	77.76708	84.5527	77.92777	76.93892	46.74718	4.02623	49.22659	35.188	14.03859	29.64972	8
1943.69	1944.939	1300.439	80.46172	70.40456	80.89435	80.21451	45.58446	4.690439	49.7251	24.8992	24.8259	29.87093	8
1943.695	1944.943	1300.443	81.3517	95.15617	80.3134	74.54093	50.17548	2.83681	46.98771	32.55735	14.43036	30.91862	8
1943.7	1944.948	1300.448	79.50995	98.02857	78.96608	74.19483	47.34294	3.804613	48.85244	23.80662	25.04582	30.24401	8
1943.705	1944.952	1300.452	78.7065	89.13633	77.3839	72.47669	56.26916	1.254093	42.47674	22.00644	20.47031	31.54015	8
1943.71	1944.957	1300.457	79.65828	91.4587	79.12677	79.21329	48.70059	3.429408	47.87	23.79136	24.07864	29.62294	8
1943.715	1944.961	1300.461	81.42586	42.21524	82.05626	81.17865	49.98654	3.726294	46.28716	19.70004	26.58712	30.91594	8
1943.72	1944.965	1300.465	82.69902	93.41439	82.63721	85.7274	41.7896	5.751839	52.45856	36.00988	16.44868	28.56694	8
1943.725	1944.97	1300.47	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1944.02	1945.231	1300.731	93.00787	76.9286	91.62346	88.32315	46.54516	3.533582	49.92126	16.19786	33.7234	31.05031	8
1944.025	1945.236	1300.736	89.38617	80.13714	88.4344	87.98941	45.7478	4.335058	49.91714	18.47933	31.43782	30.14462	8
1944.03	1945.24	1300.74	86.40724	86.96675	85.49254	82.7979	46.54827	3.959815	49.49191	21.67764	27.81427	30.38182	8
1944.035	1945.245	1300.745	80.68422	70.374	79.97966	78.6447	54.20036	1.847728	43.95191	28.15066	15.80125	31.05311	8
1944.04	1945.249	1300.749	81.28989	68.67806	81.19101	80.67186	49.35957	3.476826	47.1636	31.64285	15.52075	30.31141	8
1944.045	1945.254	1300.754	81.17865	74.1937	80.86963	78.45929	49.75566	3.25828	46.98606	19.19311	27.79295	30.60621	8
1944.05	1945.258	1300.758	80.68422	57.64679	80.36284	78.43456	54.31068	1.95719	43.73213	27.5911	16.14103	31.40955	8
1944.055	1945.263	1300.763	76.67934	73.70478	76.29616	76.64226	54.58812	1.81141	43.60047	16.56535	27.03512	30.48824	8
1944.06	1945.267	1300.767	79.62119	73.70478	79.64592	78.60761	48.72035	3.571902	47.70774	22.70809	24.99965	30.15847	8
1944.065	1945.271	1300.771	74.49149	83.80404	74.62746	74.00942	50.1335	2.973702	46.8928	22.14534	24.74746	29.7645	8
1944.07	1945.276	1300.776	75.67812	71.32129	75.80173	75.85117	52.15842	2.431004	45.41058	18.41785	26.99273	30.20694	8
1944.075	1945.28	1300.78	75.19605	76.02715	73.3543	70.65966	66.69462	0	33.30538	21.96998	11.3354	31.57645	8
1944.08	1945.285	1300.785	72.89696	71.19906	71.85866	67.50768	63.75146	0	36.24854	11.42469	24.82385	32.30126	8
1944.085	1945.289	1300.789	73.99706	23.80432	73.95998	73.88582	66.44944	0	33.55056	17.55566	15.9949	31.49641	8
1944.09	1945.294	1300.794	76.81531	26.46283	76.30852	76.11075	66.85353	0	33.14647	24.21351	8.932957	31.61952	8
1944.095	1945.298	1300.798	74.46677	19.17485	74.20719	74.03414	68.86197	0	31.13803	8.191603	22.94643	31.33887	8
1944.1	1945.302	1300.802	78.06374	37.34131	77.54459	75.81409	63.16818	0	36.83182	18.61573	18.21609	32.35495	8
1944.105	1945.307	1300.807	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1944.11	1945.311	1300.811	82.68666	61.60399	83.26761	83.32941	44.51771	5.46656	50.01573	23.13525	26.88047	29.86206	8
1944.115	1945.316	1300.816	81.72252	57.05092	82.00682	82.39	48.80566	3.893114	47.30123	18.25836	29.04286	30.29678	8
1944.12	1945.32	1300.82	80.56061	56.7759	80.83255	82.19223	50.03697	3.388345	46.57469	27.98677	18.58792	30.22077	8
1944.125	1945.325	1300.825	80.39992	65.89733	80.0291	78.75594	52.95879	2.304243	44.73697	29.67059	15.06638	30.92402	8
1944.13	1945.329	1300.829	79.69536	62.7499	80.00438	81.63599	49.0999	3.564534	47.33556	29.07926	18.2563	29.91243	8
1944.135	1945.333	1300.833	78.7065	37.87607	78.48401	77.87833	60.14833	0.280682	39.57098	11.38432	28.18666	32.41214	8
1944.14	1945.338	1300.838	77.71764	57.55512	77.08724	76.85239	59.45701	0.440126	40.10286	11.87707	28.2258	31.77205	8
1944.145	1945.342	1300.842	77.43334	81.74141	76.37032	75.35674	57.21833	1.094313	41.68736	22.17031	19.51704	31.02602	8
1944.15	1945.347	1300.847	79.12677	111.7642	79.63356	82.52597	36.22882	7.151804	56.61938	23.90057	32.7188	27.84521	8
1944.155	1945.351	1300.851	74.42969	74.42288	72.68682	70.78327	67.02154	0	32.97846	19.09624	13.88222	31.47045	2
1944.16	1945.356	1300.856	70.46189	46.20299	69.47303	68.76847	71.65759	0	28.34241	12.33113	16.01129	31.09207	2
1944.165	1945.36	1300.86	66.8402	40.50401	67.17394	67.89086	66.11856	0	33.88144	14.57082	19.31062	30.67541	2
1944.17	1945.365	1300.865	67.8785	58.5788	67.76725	66.45702	64.23787	0	35.76213	15.16691	20.59522	31.428	2
1944.175	1945.369	1300.869	68.49654	89.7322	68.05155	65.33219	58.71664	1.183968	40.09939	29.9255	10.17389	30.78748	2
1944.18	1945.373	1300.873	70.04163	115.4769	69.81913	71.04285	49.34061	3.506179	47.15321	23.01019	24.14302	28.36566	2
1944.185	1945.378	1300.878	66.30869	85.92779	66.40757	65.65357	57.43512	1.284601	41.28028	21.3464	19.93388	30.18184	2
1944.19	1945.382	1300.882	64.71415	46.87526	63.98487	61.8341	74.77111	0	25.22889	22.52183	2.707056	31.27573	2
1944.195	1945.387	1300.887	67.64365	91.12257	65.59176	63.36683	71.61826	0	28.38174	19.13925	9.242488	31.92909	2
1944.2	1945.391	1300.891	64.8254	77.50919	63.31739	62.34089	73.29048	0	26.70952	17.98295	8.72657	31.5906	2
1944.205	1945.396	1300.896	64.71415	65.45424	64.55346	64.55346	65.8684	0	34.1316	18.95279	15.17881	30.98811	2
1944.21	1945.4	1300.9	65.27039	50.69495	65.8019	66.24688	63.56385	0	36.43615	18.39233	18.04382	30.76063	2
1944.215	1945.404	1300.904	69.78205	51.10748	69.17638	66.98853	68.12649	0	31.87351	23.26131	8.612205	31.47564	2

1944.22	1945.409	1300.909	76.02422	43.19308	75.17133	73.53971	66.21489	0	33.78511	13.31052	20.47459	31.70606	2
1944.225	1945.413	1300.913	77.92777	36.08845	77.50751	77.90305	62.8301	0	37.1699	21.3278	15.8421	32.04837	2
1944.23	1945.418	1300.918	76.30852	28.86159	75.82645	75.98714	66.54769	0	33.45231	22.22033	11.23198	31.53627	2
1944.235	1945.422	1300.922	76.17255	19.93879	76.08603	76.03658	65.76664	0	34.23336	5.413856	28.81951	31.81876	2
1944.24	1945.427	1300.927	75.80173	28.66297	75.20841	74.36788	67.92416	0	32.07584	18.01096	14.06487	31.52643	2
1944.245	1945.431	1300.931	74.49149	29.80888	74.24428	73.7004	66.16999	0	33.83001	8.780314	25.04969	31.60058	2
1944.25	1945.435	1300.935	71.51255	60.21362	71.31478	72.18003	61.16948	0.099266	38.73125	7.951106	30.78014	31.42704	2
1944.255	1945.44	1300.94	71.61144	41.84855	70.9316	69.62136	69.25889	0	30.74111	5.490119	25.25099	31.29379	2
1944.26	1945.444	1300.944	69.86858	37.05101	69.58428	69.32471	68.95786	0	31.04214	21.79272	9.24942	31.00676	2
1944.265	1945.449	1300.949	68.59542	27.28788	67.91558	67.71781	75.55731	0	24.44269	19.33212	5.110571	30.818	2
1944.27	1945.453	1300.953	69.43595	62.65823	68.44709	64.00959	68.61929	0	31.38071	6.559299	24.82141	31.95368	2
1944.275	1945.458	1300.958	68.5707	58.60935	67.61892	65.81426	70.10776	0	29.89224	16.28472	13.60752	31.38821	2
1944.28	1945.462	1300.962	68.37293	27.28788	68.08863	66.17272	72.69654	0	27.30346	21.73132	5.572143	31.07681	2
1944.285	1945.467	1300.967	70.10343	41.40546	69.72025	68.11335	68.45439	0	31.54561	24.64489	6.900722	31.31365	2
1944.29	1945.471	1300.971	72.87224	46.85998	72.13059	69.04041	67.36517	0	32.63483	17.36137	15.27346	31.78138	2
1944.295	1945.475	1300.975	70.10343	24.99606	69.79441	69.34943	71.85069	0	28.14931	4.81591	23.3334	30.91102	2
1944.3	1945.48	1300.98	71.11701	38.47194	70.88216	70.65966	67.08226	0	32.91774	23.21503	9.70271	31.18825	2
1944.305	1945.484	1300.984	70.51134	60.39697	69.67081	68.84264	67.02761	0	32.97239	13.14562	19.82677	31.35268	2
1944.31	1945.489	1300.989	67.48296	52.40617	67.28518	67.40879	66.76612	0	33.23388	24.37255	8.861329	30.96682	2
1944.315	1945.493	1300.993	69.63372	37.98302	69.28762	69.15165	69.42736	0	30.57264	20.62487	9.947766	30.95778	2
1944.32	1945.498	1300.998	70.96868	42.97917	70.32592	69.43595	69.28923	0	30.71077	22.18236	8.52841	31.19434	2
1944.325	1945.502	1301.002	71.37659	46.52385	70.94396	70.1776	66.42762	0	33.57238	10.46296	23.10942	31.36295	2
1944.33	1945.506	1301.006	70.89452	45.85158	70.25176	70.41245	68.66234	0	31.33766	17.32025	14.01741	31.03602	9
1944.335	1945.511	1301.011	71.54964	46.96693	70.59786	69.51012	70.1846	0	29.8154	13.68307	16.13232	31.21888	9
1944.34	1945.515	1301.015	74.38024	79.70933	72.8846	68.89208	63.87179	0	36.12821	13.74527	22.38294	32.15582	9
1944.345	1945.52	1301.02	77.92777	87.7918	77.75472	75.50507	48.40197	3.542016	48.05601	31.86176	16.19425	29.98691	9
1944.35	1945.524	1301.024	80.52353	74.36176	80.90671	79.54703	44.95314	4.852305	50.19455	35.8867	14.30785	29.86636	9
1944.355	1945.529	1301.029	84.38008	65.08755	84.59021	84.49132	44.99062	5.344221	49.66516	20.47369	29.19147	29.94386	9
1944.36	1945.533	1301.033	84.55313	69.93092	84.88687	84.10814	42.70136	6.143217	51.15543	32.50929	18.64613	29.78947	9
1944.365	1945.537	1301.037	85.3813	59.67887	85.35657	85.10936	47.19851	4.664776	48.13671	26.08854	22.04817	30.33358	9
1944.37	1945.542	1301.042	85.60379	116.2714	84.39244	81.38878	42.49481	4.765162	52.74003	22.3573	30.38273	29.55494	9
1944.375	1945.546	1301.046	83.29233	58.24266	82.64957	81.10448	54.25771	1.915444	43.82685	29.83508	13.99177	31.46762	9
1944.38	1945.551	1301.051	80.41228	68.0058	79.88077	77.76708	53.68251	2.048269	44.26922	28.93675	15.33247	31.14387	9
1944.385	1945.555	1301.055	82.51361	57.15787	82.32819	81.32698	51.69221	2.886724	45.42106	23.29025	22.13081	30.95918	9
1944.39	1945.56	1301.06	78.89191	72.87972	77.42098	77.42098	61.18223	0	38.81777	18.04241	20.77536	31.62821	2
1944.395	1945.564	1301.064	70.14051	66.14179	69.36179	67.58184	65.49954	0	34.50046	18.20817	16.29229	31.63492	2
1944.4	1945.569	1301.069	64.8872	81.86364	64.10848	64.08376	66.5279	0	33.4721	14.81741	18.65469	31.30564	2
1944.405	1945.573	1301.073	63.83654	86.44727	62.30381	59.28779	72.22881	0	27.77119	22.96662	4.804572	32.10292	2
1944.41	1945.577	1301.077	62.08132	58.13571	60.95649	59.43612	77.53375	0	22.46625	12.05901	10.40724	31.54653	2
1944.415	1945.582	1301.082	62.61283	88.89187	62.56339	61.05538	61.26755	0.740737	37.99171	14.03314	23.95857	30.6026	2
1944.42	1945.586	1301.086	63.03309	112.0392	61.8341	56.79092	64.18825	1.165765	34.64599	21.09269	13.5533	31.19827	2
1944.425	1945.591	1301.091	62.4027	74.33121	62.15548	58.60795	66.51728	0	33.48272	19.70852	13.7742	31.65457	2
1944.43	1945.595	1301.095	61.33967	83.75821	60.1654	55.48069	72.3986	0	27.6014	17.88369	9.717708	32.32248	2
1944.435	1945.6	1301.1	60.05416	94.86587	58.10116	54.94917	76.92835	0	23.07165	21.86688	1.204768	32.78502	2
1944.44	1945.604	1301.104	59.63389	86.23337	57.92811	54.52891	77.48815	0	22.51185	5.206433	17.30542	32.63653	2
1944.445	1945.608	1301.108	61.38912	52.94093	60.69691	59.54737	76.07487	0	23.92513	15.40588	8.519258	31.17253	2
1944.45	1945.613	1301.113	61.0801	57.00508	59.86875	58.83044	79.39906	0	20.60094	5.137363	15.46358	31.61451	2
1944.455	1945.617	1301.117	60.12832	59.86221	57.91575	54.61543	87.34271	0	12.65729	7.164706	5.49258	33.37211	2
1944.46	1945.622	1301.122	59.44848	80.03019	61.06774	49.93072	53.39086	1.298461	45.31068	23.03352	22.27716	31.32124	2
1944.465	1945.626	1301.126	64.75123	60.85533	65.46816	65.90078	60.14573	0.068652	39.78562	15.81924	23.96638	30.90853	2
1944.47	1945.631	1301.131	66.80312	57.75374	65.93786	66.16036	71.27042	0	28.72958	19.25717	9.472405	30.96325	2
1944.475	1945.635	1301.135	66.45702	49.47265	65.76481	62.13076	72.25172	0	27.74828	17.59487	10.15341	31.55844	2
1944.48	1945.639	1301.139	69.69553	65.62231	68.80555	65.97495	66.8968	0	33.1032	8.679046	24.42415	31.74344	2
1944.485	1945.644	1301.144	67.11213	76.348	65.46816	62.86004	72.52144	0	27.47856	21.01441	6.464142	31.80626	2
1944.49	1945.648	1301.148	65.95023	72.86444	64.77596	63.72529	70.79319	0	29.20681	21.78642	7.420393	31.41634	2
1944.495	1945.653	1301.153	67.68073	123.4066	68.44709	62.71171	41.93	4.985133	53.08487	18.90556	34.17931	28.81085	2
1944.5	1945.657	1301.157	69.96746	143.2537	69.75733	62.82296	42.59106	5.385932	52.02301	34.48702	17.53599	28.72551	2
1944.505	1945.662	1301.162	75.66576	76.11882	75.3691	76.48157	54.26584	1.907011	43.82715	16.40744	27.41971	30.18638	2
1944.51	1945.666	1301.166	75.9377	47.04333	76.24671	76.74114	56.35794	1.248982	42.39308	27.76505	14.62803	31.22695	2
1944.515	1945.671	1301.171	70.75855	72.37552	71.35187	71.83393	52.78907	2.032338	45.1786	15.60297	29.57562	29.91521	2
1944.52	1945.675	1301.175	69.21346	60.06084	68.855	67.50768	64.56697	0	35.43303	8.693571	26.73946	31.52435	2
1944.525	1945.679	1301.179	70.22704	69.28921	70.28884	71.36423	58.14416	0.858392	40.99745	23.22434	17.77311	30.59052	2
1944.53	1945.684	1301.184	65.62885	59.92333	65.87606	67.28518	63.2041	0	36.7959	18.2413	18.55459	30.77411	2
1944.535	1945.688	1301.188	69.42359	78.16618	69.65844	72.15531	55.39396	1.550408	43.05563	15.81438	27.24125	29.66928	2
1944.54	1945.693	1301.193	67.66837	62.88741	68.49654	65.46816	56.10804	0.984215	42.90775	18.29184	24.61591	31.05197	2
1944.545	1945.697	1301.197	70.42481	83.94155	69.18874	66.56826	64.47489	0	35.52511	20.18924	15.33588	31.96826	2
1944.55	1945.702	1301.202	68.31113	75.21737	67.42115	64.73887	65.84845	0	34.15155	22.49995	11.6516	31.81559	2
1944.555	1945.706	1301.206	69.47303	52.49785	69.62136	70.38773	62.23078	0	37.76922	24.02401	13.74521	31.27235	2
1944.56	1945.71	1301.21	71.14173	53.56736	71.63616	72.82279	57.75448	0.698826	41.5467	10.26802	31.27868	30.92341	2
1944.565	1945.715	1301.215	69.72025	63.23882	69.96746	70.80799	58.63766	0.625434	40.7369	12.2476	28.4893	30.82279	2
1944.57	1945.719	1301.219	69.85622	42.15412	69.88094	69.27526	65.33939	0	34.66061	16.57593	18.08468	31.27883	2
1944.575	1945.724	1301.224	68.24932	48.34202	67.98975	67.07505	67.52356	0	32.47644	21.52051	10.95593	31.14748	2
1944.58	1945.728	1301.228	66.34577	64.10971	65.43107	63.87362	70.53622	0	29.46378	14.92301	14.54077	31.36368	2

1944.585	1945.733	1301.233	69.48539	86.38615	69.43595	67.58184	55.55117	1.69537	42.75346	20.71695	22.03651	30.30336	2
1944.59	1945.737	1301.237	72.16767	75.90492	72.19239	73.20597	55.04516	1.668061	43.28678	27.54444	15.74234	30.10875	2
1944.595	1945.742	1301.242	71.45075	51.41305	71.07993	70.48661	64.69722	0	35.30278	21.32856	13.97422	31.47423	8
1944.6	1945.746	1301.246	74.91176	92.16153	73.7004	73.65096	58.16607	1.101693	40.73224	27.80932	12.92291	30.59604	8
1944.605	1945.75	1301.25	76.02422	127.3485	74.45441	69.15165	51.40542	2.95467	45.63991	30.8423	14.79761	29.941	8
1944.61	1945.755	1301.255	68.9168	96.74516	66.82784	65.71537	69.37368	0	30.62632	11.94471	18.6816	31.7063	8
1944.615	1945.759	1301.259	77.49515	87.01258	78.2986	76.3456	41.4207	5.56284	53.01646	36.38703	16.62943	29.35521	8
1944.62	1945.764	1301.264	78.6447	80.04546	78.47165	78.58289	49.61702	3.224105	47.15888	31.01938	16.1395	29.87255	8
1944.625	1945.768	1301.268	75.97478	44.00285	75.78937	76.93892	60.89145	0.038676	39.06988	13.34549	25.72438	31.94438	8
1944.63	1945.773	1301.273	72.67446	47.94477	71.93282	71.01813	67.2846	0	32.7154	14.92449	17.79091	31.37651	8
1944.635	1945.777	1301.277	75.80173	91.58093	74.35552	70.80799	59.30792	0.74714	39.94494	18.16747	21.77748	31.51221	8
1944.64	1945.781	1301.281	75.61632	132.9711	73.32958	71.46311	55.97618	1.976117	42.04771	21.78815	20.25956	29.75575	8
1944.645	1945.786	1301.286	74.13303	107.4556	73.30486	69.67081	52.21167	2.704579	45.08375	32.97152	12.11223	30.02188	8
1944.65	1945.79	1301.29	74.66454	68.66278	74.34316	72.69918	57.18292	1.124146	41.69294	21.66229	20.03065	31.22451	8
1944.655	1945.795	1301.295	73.03292	48.83094	72.98348	71.64852	61.3758	0	38.6242	12.12136	26.50283	32.09181	8
1944.66	1945.799	1301.299	71.00576	42.03189	70.51134	68.24932	68.33481	0	31.66519	6.096284	25.56891	31.48951	8
1944.665	1945.804	1301.304	69.88094	86.17225	68.62014	64.57818	64.62701	0	35.37299	11.03664	24.33635	32.2418	8
1944.67	1945.808	1301.308	71.79685	127.868	69.68317	65.59176	59.3839	1.715499	38.9006	28.15275	10.74786	30.48228	8
1944.675	1945.812	1301.312	74.87467	138.2117	73.97234	69.96746	44.66114	4.773252	50.5656	30.26385	20.30176	28.74568	8
1944.68	1945.817	1301.317	74.77579	114.7435	73.04529	70.10343	56.84973	1.67554	41.47473	11.38633	30.0884	30.41565	8
1944.685	1945.821	1301.321	76.50629	160.9007	73.65096	76.64226	52.80504	2.854658	44.3403	31.19779	13.14251	27.89633	8
1944.69	1945.826	1301.326	77.22321	146.7678	75.03536	73.09473	50.39266	3.183966	46.42337	30.18052	16.24285	28.8894	8
1944.695	1945.83	1301.33	74.88703	77.0661	74.15775	70.65966	58.10588	0.970472	40.92365	17.34423	23.57943	31.54784	8
1944.7	1945.835	1301.335	79.06496	79.90796	78.94135	81.10448	48.88047	3.455809	47.66372	18.5797	29.08402	29.43539	8
1944.705	1945.839	1301.339	77.30974	84.50686	78.0143	82.14278	42.96403	5.097801	51.93817	32.7057	19.23247	28.37016	8
1944.71	1945.844	1301.344	74.97356	115.9811	73.77457	75.76465	52.24907	2.741116	45.00981	17.35971	27.6501	28.86075	8
1944.715	1945.848	1301.348	80.0291	74.72845	80.01674	80.20215	48.38474	3.683831	47.93143	26.8056	21.12583	29.89195	8
1944.72	1945.852	1301.352	85.7892	73.97979	85.59143	85.18352	44.70356	5.23199	50.06445	33.32178	16.74267	29.90072	8
1944.725	1945.857	1301.357	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1945.03	1946.127	1301.627	94.71365	20.85552	94.80017	96.65428	47.14584	7.76207	45.09209	32.1805	12.91159	30.58389	8
1945.035	1946.132	1301.632	95.44293	33.61329	95.49237	94.39227	43.67491	8.954474	47.37062	17.21744	30.15318	30.57265	8
1945.04	1946.136	1301.636	93.70007	36.53153	93.48993	93.55174	46.58383	6.64058	46.77559	19.22251	27.55307	30.73066	8
1945.045	1946.141	1301.641	93.70007	19.46515	93.46521	93.34161	50.90549	5.367057	43.72745	30.19972	13.52773	31.57404	8
1945.05	1946.145	1301.645	82.22931	87.56262	83.82384	87.84108	30.80124	10.00696	59.19179	40.39484	18.79695	28.05542	8
1945.055	1946.15	1301.65	70.63494	78.76205	70.65966	71.04285	55.76385	1.525655	42.7105	20.09542	22.61508	30.16509	8
1945.06	1946.154	1301.654	65.29511	79.90796	64.97373	63.79946	63.08146	0.203969	36.71457	23.19267	13.52189	31.26254	8
1945.065	1946.158	1301.658	66.54354	82.06226	66.93908	67.26046	55.85541	1.44891	42.69568	27.63636	15.05932	29.86426	8
1945.07	1946.163	1301.663	65.40635	72.91028	64.93665	64.93665	65.8221	0	34.1779	24.20782	9.970081	31.16102	8
1945.075	1946.167	1301.667	64.55346	50.93941	64.26917	65.1097	70.48678	0	29.51322	4.742202	24.77102	30.59658	8
1945.08	1946.172	1301.672	63.23086	38.67056	62.67463	61.19134	76.78013	0	23.21987	14.74017	8.479701	31.04764	8
1945.085	1946.176	1301.676	63.58933	77.08138	62.53866	59.96763	70.98676	0	29.01324	20.99537	8.017874	31.73669	8
1945.09	1946.181	1301.681	68.5707	118.6396	65.50524	62.39033	71.96149	0	28.03851	4.312258	23.72625	32.45038	8
1945.095	1946.185	1301.685	75.82645	139.5715	74.36788	72.36545	47.76724	3.966298	48.26646	29.53771	18.72875	28.66689	8
1945.1	1946.189	1301.689	83.03276	51.13804	82.94623	82.21695	51.90503	2.951655	45.14332	16.46739	28.67593	31.05746	8
1945.105	1946.194	1301.694	79.96729	42.3833	80.15271	80.47408	54.73639	1.977011	43.28659	12.68255	30.60405	31.28983	8
1945.11	1946.198	1301.698	69.8315	21.57362	69.67081	69.80677	71.77955	0	28.22045	18.3615	9.858953	30.76161	8
1945.115	1946.203	1301.703	67.37171	39.54145	67.07505	66.44465	70.74809	0	29.25191	23.51019	5.741721	30.89019	8
1945.12	1946.207	1301.707	73.91054	55.52304	73.95998	74.29372	58.18255	0.751848	41.0656	21.37433	19.69128	31.25496	8
1945.125	1946.212	1301.712	65.61649	69.10587	64.83776	64.94901	68.94434	0	31.05566	20.59897	10.45669	31.08736	8
1945.13	1946.216	1301.716	68.86736	106.3402	68.79319	67.5324	51.48247	2.889284	45.62825	15.42231	30.20594	29.17711	8
1945.135	1946.22	1301.72	68.68195	85.30136	69.02805	71.41367	53.4874	2.037065	44.47553	32.14167	12.33386	29.22575	8
1945.14	1946.225	1301.725	72.06879	77.21889	73.32958	74.56566	45.23859	3.886315	50.8751	17.01036	33.86474	28.99043	8
1945.145	1946.229	1301.729	70.90688	26.60033	70.46189	70.18996	71.77703	0	28.22297	6.741693	21.48127	30.92893	8
1945.15	1946.234	1301.734	72.2542	41.60408	72.74863	69.93038	59.62612	0.182051	40.19183	9.162019	31.02981	32.29294	8
1945.155	1946.238	1301.738	74.65218	27.19621	74.19483	71.51255	68.28295	0	31.71705	6.521247	25.1958	31.78943	8
1945.16	1946.243	1301.743	72.52613	25.50026	71.9699	70.89452	71.4157	0	28.5843	7.305438	21.27886	31.16861	8
1945.165	1946.247	1301.747	68.03919	31.3062	67.60656	66.41993	73.1807	0	26.8193	8.355844	18.46346	30.95995	8
1945.17	1946.252	1301.752	64.44222	54.56048	64.08376	63.47808	70.2876	0	29.7124	17.0642	12.6482	30.91832	8
1945.175	1946.256	1301.756	63.441	60.53448	63.55224	65.18386	66.12278	0	33.87722	24.95037	8.926856	30.47484	8
1945.18	1946.26	1301.76	62.21728	57.44817	61.90827	62.56339	71.25253	0	28.74747	19.96862	8.778845	30.63557	8
1945.185	1946.265	1301.765	64.24444	56.50088	63.88598	66.77839	69.99997	0	30.00003	16.6541	13.34593	30.28879	8
1945.19	1946.269	1301.769	61.40148	32.72712	61.64869	63.77474	73.67477	0	26.32523	4.050753	22.27448	29.8568	2
1945.195	1946.274	1301.774	60.53623	32.65073	60.46206	60.74636	76.97997	0	23.02003	12.97902	10.04101	30.40644	2
1945.2	1946.278	1301.778	63.75002	83.10122	63.41628	61.8341	63.82597	0.197066	35.97696	20.51493	15.46203	31.28738	2
1945.205	1946.283	1301.783	62.22965	63.88053	62.27909	63.26795	66.90646	0	33.09354	24.95805	8.135492	30.56419	2
1945.21	1946.287	1301.787	61.52508	50.69495	61.52508	61.80938	71.12874	0	28.87126	8.823709	20.04755	30.48111	2
1945.215	1946.291	1301.791	59.62153	33.61329	59.53501	60.11596	77.68435	0	22.31565	22.14108	0.174579	30.37974	2
1945.22	1946.296	1301.796	55.69082	39.7248	55.49305	57.09994	80.68378	0	19.31622	7.307495	12.00873	30.48719	2
1945.225	1946.3	1301.8	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1945.23	1946.305	1301.805	71.82157	119.1744	74.05887	64.03431	27.74493	8.410891	63.84417	37.67645	26.16773	29.89862	2
1945.235	1946.309	1301.809	67.64365	61.94012	67.45823	65.28275	64.21527	0	35.78473	14.22457	21.56016	31.59847	2
1945.24	1946.314	1301.814	65.81426	65.33201	65.27039	64.25681	67.85555	0	32.14445	23.89768	8.246776	31.23189	2
1945.245	1946.318	1301.818	64.00959	54.041	63.39155	63.46572	72.82304	0	27.17696	4.731945	22.44502	30.85809	2

1945.25	1946.322	1301.822	64.36805	40.35123	65.2333	67.86614	64.3107	0	35.6893	9.318375	26.37093	30.04238	2
1945.255	1946.327	1301.827	64.23208	30.77144	64.83776	65.59176	68.76581	0	31.23419	22.02556	9.208633	30.18036	2
1945.26	1946.331	1301.831	69.62136	42.5972	69.63372	69.52248	65.54403	0	34.45597	13.76826	20.68771	31.14974	2
1945.265	1946.336	1301.836	70.33829	53.84238	71.03049	73.30486	56.89436	0.832188	42.27345	24.30825	17.9652	30.5366	2
1945.27	1946.34	1301.84	74.41733	54.60632	74.86231	75.90061	54.87269	1.57755	43.54976	21.15625	22.39351	30.66422	2
1945.275	1946.345	1301.845	77.89069	50.57272	77.76708	78.18735	57.05992	1.130006	41.81007	23.30924	18.50083	31.37945	2
1945.28	1946.349	1301.849	67.2481	24.99606	67.11213	67.43351	73.13645	0	26.86355	16.24404	10.61951	30.55262	2
1945.285	1946.354	1301.854	68.33585	40.90126	67.73017	67.23574	71.9269	0	28.0731	13.42495	14.64814	30.93821	2
1945.29	1946.358	1301.858	83.06984	38.33443	83.27997	83.99689	52.67029	2.970796	44.35891	25.98278	18.37614	31.10729	2
1945.295	1946.362	1301.862	76.58045	59.73998	77.08724	79.08968	51.16128	2.730711	46.108	18.89177	27.21623	29.99439	2
1945.3	1946.367	1301.867	68.66959	53.85766	67.97739	65.8637	69.15498	0	30.84502	18.48459	12.36042	31.40266	2
1945.305	1946.371	1301.871	70.00455	44.07925	69.99218	70.43717	65.02444	0	34.97556	11.18627	23.78929	31.12257	2
1945.31	1946.376	1301.876	72.78571	36.88295	73.19361	72.95876	60.95022	0	39.04978	11.68892	27.36087	31.97715	2
1945.315	1946.38	1301.88	69.52248	27.21149	68.81792	67.89086	74.91449	0	25.08551	12.56756	12.51794	30.96584	2
1945.32	1946.385	1301.885	69.49776	16.1191	69.72025	70.00455	70.43692	0	29.56308	11.35644	18.20664	30.70462	2
1945.325	1946.389	1301.889	78.84247	17.98311	79.13913	79.28745	60.81392	0.207127	38.97895	15.0742	23.90475	32.77481	2
1945.33	1946.393	1301.893	80.46172	39.98454	80.6595	79.31218	54.76623	2.025214	43.20856	24.8781	18.33046	31.6668	2
1945.335	1946.398	1301.898	82.52597	35.61481	83.05748	84.15758	51.33811	3.49325	45.16864	31.21058	13.95805	30.86589	2
1945.34	1946.402	1301.902	82.53833	42.44442	82.92151	84.55313	50.82352	3.528083	45.64839	17.28364	28.36475	30.58747	2
1945.345	1946.407	1301.907	85.5049	33.93414	85.86336	87.2354	50.34535	4.255707	45.39894	23.07223	22.32671	30.80183	2
1945.35	1946.411	1301.911	76.88947	43.07085	76.80295	77.49515	59.50911	0.423636	40.06725	12.03321	28.03404	31.84234	2
1945.355	1946.416	1301.916	72.40253	47.135	72.46433	73.66332	61.50403	0	38.49597	19.93924	18.55674	31.54993	2
1945.36	1946.42	1301.92	75.22077	29.41163	75.5916	76.88947	60.8054	0	39.1946	19.43375	19.76085	32.11458	2
1945.365	1946.424	1301.924	68.75611	18.53315	68.76847	68.76847	72.16356	0	27.83644	8.851628	18.98481	30.66892	2
1945.37	1946.429	1301.929	68.10099	22.62786	68.01447	68.23696	72.54172	0	27.45828	7.382891	20.07539	30.60662	2
1945.375	1946.433	1301.933	75.9377	36.85239	76.13547	74.77579	59.68631	0.330648	39.98304	22.47994	17.5031	32.32779	2
1945.38	1946.438	1301.938	85.04756	35.85927	84.70145	83.30469	55.76058	1.886979	42.35244	14.38765	27.96479	32.12798	2
1945.385	1946.442	1301.942	84.0587	31.24508	83.81148	83.30469	57.0206	1.514435	41.46496	14.88956	26.57541	32.20821	2
1945.39	1946.447	1301.947	73.52735	57.53984	72.77335	73.56444	64.27373	0	35.72627	13.7477	21.97857	31.33012	2
1945.395	1946.451	1301.951	77.39626	86.73756	76.64226	76.39504	53.64848	2.074626	44.27689	18.76094	25.51595	30.23484	2
1945.4	1946.456	1301.956	74.49149	37.00518	74.09595	73.13181	65.57804	0	34.42196	19.08451	15.33745	31.67427	2
1945.405	1946.46	1301.96	74.21955	34.33139	73.71276	72.19239	67.33744	0	32.66256	17.17416	15.4884	31.59057	2
1945.41	1946.464	1301.964	70.41245	52.3145	70.36301	70.96868	62.94362	0	37.05638	10.8936	26.16278	31.32276	2
1945.415	1946.469	1301.969	69.65844	32.22292	69.67081	70.07871	68.02049	0	31.97951	17.39158	14.58793	30.86973	2
1945.42	1946.473	1301.973	71.22826	37.23436	70.78327	70.10343	68.90793	0	31.09207	15.45734	15.63473	31.16129	2
1945.425	1946.478	1301.978	75.70284	37.24964	75.48035	74.03414	63.06329	0	36.93671	25.12372	11.81299	32.1846	2
1945.43	1946.482	1301.982	72.62502	43.65144	72.99584	73.15653	59.74746	0.201894	40.05064	23.69515	16.3555	31.73594	2
1945.435	1946.487	1301.987	64.99845	79.20513	64.85012	65.1097	62.18333	0.317599	37.49907	26.9476	10.55146	30.83184	2
1945.44	1946.491	1301.991	70.62258	67.2113	71.04285	72.52613	55.50504	1.370563	43.1244	27.23537	15.88903	30.18863	2
1945.445	1946.495	1301.995	69.06513	22.68897	68.94152	67.82906	71.92731	0	28.07269	16.70492	11.36777	30.93356	2
1945.45	1946.5	1302	66.32105	39.77063	65.41871	64.18264	76.35323	0	23.64677	19.23455	4.41222	31.12187	2
1945.455	1946.504	1302.004	73.51499	47.99061	73.44083	72.34072	61.32725	0	38.67275	24.84788	13.82487	32.09578	2
1945.46	1946.509	1302.009	66.58062	34.78975	67.02561	67.71781	66.87806	0	33.12194	10.84598	22.27596	30.54994	2
1945.465	1946.513	1302.013	68.95388	34.45362	68.90444	69.29998	68.60783	0	31.39217	10.84038	20.55179	30.80064	2
1945.47	1946.518	1302.018	57.06286	25.56138	56.82801	56.75384	83.13643	0	16.86357	10.6558	6.207767	30.83632	2
1945.475	1946.522	1302.022	60.09124	25.3322	60.57331	61.22843	74.84964	0	25.15036	8.626745	16.52362	29.89705	2
1945.48	1946.526	1302.026	67.07505	55.37025	67.09977	67.09977	64.69976	0	35.30024	8.988271	26.31197	31.04977	2
1945.485	1946.531	1302.031	70.38773	56.10364	71.22826	72.06879	55.1521	1.236541	43.61135	25.29111	18.32025	30.50063	8
1945.49	1946.535	1302.035	65.50524	53.30762	65.1715	63.52752	69.42122	0	30.57878	5.290425	25.28836	31.13792	8
1945.495	1946.54	1302.04	74.31844	63.02492	74.30608	73.08237	56.4708	1.244641	42.28456	18.79997	23.48459	31.13064	8
1945.5	1946.544	1302.044	75.62868	56.30226	75.64104	75.023	56.70067	1.178533	42.12079	28.01501	14.10579	31.27057	8
1945.505	1946.549	1302.049	74.77579	54.80494	74.62746	72.20476	59.09303	0.543865	40.36311	16.92252	23.44059	31.97865	8
1945.51	1946.553	1302.053	80.01674	25.68361	79.94257	78.89191	60.74394	0.214524	39.04153	23.05128	15.99025	32.89631	8
1945.515	1946.558	1302.058	70.6473	22.36812	70.32592	69.34943	72.08208	0	27.91792	14.84791	13.07001	31.01905	8
1945.52	1946.562	1302.062	68.37293	28.51018	68.5089	68.38529	69.14369	0	30.85631	21.76563	9.090684	30.77951	8
1945.525	1946.566	1302.066	73.68804	45.82102	72.83515	70.83271	67.72821	0	32.27179	23.4602	8.811584	31.55903	8
1945.53	1946.571	1302.071	80.70894	42.91806	81.33934	81.53711	50.47603	3.461172	46.0628	18.23502	27.82778	30.72792	8
1945.535	1946.575	1302.075	74.13303	25.20997	73.94762	73.49027	67.13374	0	32.86626	16.19979	16.66648	31.48084	8
1945.54	1946.58	1302.08	69.69553	43.71255	69.28762	70.10343	68.46293	0	31.53707	7.114079	24.42299	30.84534	8
1945.545	1946.584	1302.084	70.98104	39.95398	71.03049	69.2011	64.64539	0	35.35461	25.00452	10.35008	31.64864	8
1945.55	1946.589	1302.089	69.08985	40.01509	68.6325	68.84264	70.29812	0	29.70188	22.9633	6.738575	30.84614	8
1945.555	1946.593	1302.093	65.54232	53.58264	65.39399	64.42986	67.88361	0	32.11639	5.684929	26.43146	31.00978	8
1945.56	1946.597	1302.097	65.12206	33.68968	64.70179	62.61283	75.19186	0	24.80814	6.06489	18.74325	31.05422	8
1945.565	1946.602	1302.102	64.46694	58.82326	63.79946	60.86996	71.62816	0	28.37184	7.193462	21.17838	31.4744	8
1945.57	1946.606	1302.106	66.81548	35.09533	66.51882	64.85012	72.33579	0	27.66421	9.843457	17.82076	31.00037	8
1945.575	1946.611	1302.111	64.78832	35.70648	64.7636	63.36683	71.94537	0	28.05463	10.84351	17.21112	30.7915	8
1945.58	1946.615	1302.115	63.97251	49.24347	63.19378	61.25315	75.2635	0	24.7365	14.34538	10.39112	31.27453	8
1945.585	1946.62	1302.12	65.31983	39.17476	65.06025	64.65235	72.43717	0	27.56283	9.830769	17.73206	30.72769	8
1945.59	1946.624	1302.124	63.79946	21.65001	63.55224	64.07139	77.98111	0	22.01889	16.54572	5.473176	30.45212	8
1945.595	1946.629	1302.129	66.58062	80.12186	66.48174	64.05903	60.1227	0.68703	39.19027	18.17749	21.01278	31.05606	8
1945.6	1946.633	1302.133	68.44709	92.5435	68.47181	68.08863	54.44156	2.019737	43.53871	27.9753	15.56341	29.66536	8
1945.605	1946.637	1302.137	66.69187	88.41823	67.21102	69.47303	53.22285	2.069965	44.70718	21.86986	22.83733	29.02127	8
1945.61	1946.642	1302.142	75.77701	43.86534	75.9995	76.08603	57.94542	0.807955	41.24663	13.65815	27.58847	31.60627	8

1945.615	1946.646	1302.146	79.90549	56.28698	80.21451	81.1292	50.47061	3.205695	46.3237	28.6184	17.70529	30.32491	8
1945.62	1946.651	1302.151	77.63112	48.38786	77.77945	77.73	55.71996	1.51456	42.76548	20.75531	22.01016	31.27861	2
1945.625	1946.655	1302.155	71.32714	39.29699	71.79685	72.50141	61.22892	0	38.77108	12.8361	25.93497	31.56416	2
1945.63	1946.66	1302.16	73.26778	24.56826	72.68682	71.51255	71.15052	0	28.84948	23.19193	5.657549	31.23041	2
1945.635	1946.664	1302.164	74.46677	39.03725	75.01064	74.99828	57.82855	0.733845	41.43761	12.88834	28.54927	31.63952	2
1945.64	1946.668	1302.168	77.96486	36.37875	77.68056	76.59282	61.67198	0	38.32802	19.87195	18.45607	32.53639	2
1945.645	1946.673	1302.173	80.91907	34.42306	81.31461	81.0674	54.15861	2.345968	43.49542	17.60556	25.88986	31.48455	2
1945.65	1946.677	1302.177	81.24045	42.6736	81.68544	83.31705	51.48313	3.167466	45.3494	31.58681	13.76259	30.62038	2
1945.655	1946.682	1302.182	76.72878	18.73177	76.49393	76.59282	66.69655	0	33.30345	13.76978	19.53367	31.70571	2
1945.66	1946.686	1302.186	69.609	25.17941	69.90566	70.07871	67.56721	0	32.43279	14.30116	18.13164	30.89258	2
1945.665	1946.691	1302.191	72.10587	82.07754	73.84873	76.96364	40.29265	5.104272	54.60308	24.60287	30.00021	28.25321	2
1945.67	1946.695	1302.195	71.30242	59.14411	71.78449	71.72269	56.35287	1.095713	42.55142	18.54696	24.00446	30.81508	2
1945.675	1946.699	1302.199	69.53484	46.85998	69.06513	68.6325	68.32807	0	31.67193	6.856928	24.815	31.09172	8
1945.68	1946.704	1302.204	75.88825	57.72318	74.17011	72.30364	69.52939	0	30.47061	6.675706	23.7949	31.21369	8
1945.685	1946.708	1302.208	76.55573	49.90046	77.23557	77.63112	52.22405	2.434328	45.34162	24.60516	20.73646	30.61723	8
1945.69	1946.713	1302.213	76.59282	62.78046	77.08724	78.52109	50.50991	2.913298	46.57679	32.03173	14.54506	29.95792	8
1945.695	1946.717	1302.217	79.7448	72.71166	80.26395	80.83255	45.01514	4.785899	50.19896	31.89544	18.30351	29.50232	8
1945.7	1946.722	1302.222	79.59647	63.34577	79.48523	77.77945	52.30373	2.531303	45.16497	16.05389	29.11108	30.9033	8
1945.705	1946.726	1302.226	80.46172	48.09756	79.75716	86.14766	59.79596	0.287674	39.91637	11.19907	28.7173	30.95435	8
1945.71	1946.731	1302.231	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1946.025	1947.01	1302.51	95.03503	68.17386	95.61598	93.63826	31.5673	13.86057	54.57213	22.82705	31.74508	29.4094	8
1946.03	1947.014	1302.514	85.52962	104.6596	85.02283	88.71869	39.91275	6.193404	53.89384	20.26118	33.63266	28.27523	8
1946.035	1947.019	1302.519	79.20093	90.71004	79.13913	77.30974	45.66229	4.374432	49.96328	15.94099	34.02229	29.64308	8
1946.04	1947.023	1302.523	72.00698	91.99346	71.72269	68.71903	53.69446	2.201737	44.10381	30.48473	13.61907	30.28541	8
1946.045	1947.028	1302.528	71.79685	104.9804	70.54842	70.07871	58.217	1.493507	40.28949	27.68116	12.60833	30.15074	8
1946.05	1947.032	1302.532	71.59908	163.1467	70.96868	75.67812	39.53293	6.366998	54.10007	22.22404	31.87603	26.08696	8
1946.055	1947.037	1302.537	77.91541	82.65813	78.0761	77.17377	47.06921	3.945385	48.98541	23.45877	25.52664	29.69024	8
1946.06	1947.041	1302.541	75.33202	46.53913	74.73871	73.71276	64.03026	0	35.96974	13.12141	22.84833	31.82321	8
1946.065	1947.045	1302.545	73.16889	39.2206	72.45197	71.95754	68.74938	0	31.25062	13.56709	17.68352	31.20923	8
1946.07	1947.05	1302.55	74.6769	85.57638	73.45319	71.77213	60.07154	0.601229	39.32723	25.07515	14.25209	31.3346	8
1946.075	1947.054	1302.554	77.0378	114.3769	75.55451	69.34943	52.9415	2.374942	44.68355	20.80344	23.88011	30.64041	8
1946.08	1947.059	1302.559	77.17377	85.88195	76.90183	75.51743	50.3242	2.99254	46.68326	15.29976	31.38349	30.02055	8
1946.085	1947.063	1302.563	73.44083	46.73775	73.28014	73.49027	62.36925	0	37.63075	10.18622	27.44454	31.71051	8
1946.09	1947.068	1302.568	71.03049	49.30458	71.20354	73.3543	61.3791	0	38.6209	12.18092	26.43997	31.23949	8
1946.095	1947.072	1302.572	69.90566	39.41922	69.85622	69.05277	66.53052	0	33.46948	12.70213	20.76734	31.22204	8
1946.1	1947.076	1302.576	68.90444	47.86838	68.29876	68.99097	69.71775	0	30.28225	18.33392	11.94832	30.82133	8
1946.105	1947.081	1302.581	68.32349	72.4672	67.06269	65.35691	69.37649	0	30.62351	8.354461	22.26905	31.5186	8
1946.11	1947.085	1302.585	69.57192	60.3053	68.83028	66.48174	67.14769	0	32.85231	15.60837	17.24394	31.58712	8
1946.115	1947.09	1302.59	68.49654	78.25785	67.2481	65.95023	67.72015	0	32.27985	11.721	20.55885	31.53434	8
1946.12	1947.094	1302.594	66.92672	78.63982	65.77718	64.05903	68.30558	0	31.69442	14.15408	17.54034	31.60328	2
1946.125	1947.099	1302.599	62.48922	53.3229	61.17898	59.76986	79.76012	0	20.23988	8.096273	12.14361	31.6461	2
1946.13	1947.103	1302.603	61.29023	43.46809	60.47442	60.52386	79.41622	0	20.58378	20.58378	0	31.04715	2
1946.135	1947.107	1302.607	63.16906	49.33514	61.79702	59.94291	80.57868	0	19.42132	18.33674	1.084586	31.7362	2
1946.14	1947.112	1302.612	63.20614	72.45192	61.92063	59.36196	74.27973	0	25.72027	23.5943	2.125971	31.80972	2
1946.145	1947.116	1302.616	64.98609	49.61016	64.35569	63.07018	73.09272	0	26.90728	16.65721	10.25007	31.07695	2
1946.15	1947.121	1302.621	65.04789	47.99061	64.28153	62.41506	74.48154	0	25.51846	18.04083	7.477625	31.22642	8
1946.155	1947.125	1302.625	66.01203	63.94164	65.65357	61.75994	66.57313	0	33.42687	15.94267	17.4842	31.75281	8
1946.16	1947.13	1302.63	67.50768	77.61614	67.8785	68.08863	56.23596	1.308072	42.45597	20.15364	22.30233	30.09464	8
1946.165	1947.134	1302.634	69.70789	83.02482	69.52248	69.68317	57.21367	1.309227	41.4771	24.74917	16.72793	30.2501	8
1946.17	1947.139	1302.639	71.80921	98.50222	70.82035	68.42237	57.76164	1.466135	40.77222	12.72511	28.04711	30.58566	8
1946.175	1947.143	1302.643	73.52735	115.0033	72.63738	70.05399	51.42133	3.003748	45.57492	14.10338	31.47155	29.51374	8
1946.18	1947.147	1302.647	74.72634	98.71612	74.3308	73.10709	50.42792	3.026396	46.54568	25.95738	20.58831	29.58672	8
1946.185	1947.152	1302.652	76.03658	92.10041	76.86475	78.59525	41.33973	5.418379	53.24189	30.62133	22.62056	28.49784	8
1946.19	1947.156	1302.656	76.43213	88.25016	77.33446	78.40984	41.33282	5.4647	53.20248	27.19028	26.0122	28.71176	8
1946.195	1947.161	1302.661	77.89069	93.58245	78.23679	80.27631	43.01133	5.098387	51.89028	17.0175	34.87278	28.59733	8
1946.2	1947.165	1302.665	72.73627	74.89652	72.27892	70.3012	58.50212	0.89989	40.59799	20.02549	20.5725	31.22624	8
1946.205	1947.17	1302.67	75.44327	86.12641	74.39261	71.64852	57.89223	1.074929	41.03284	18.30632	22.72652	31.20553	8
1946.21	1947.174	1302.674	72.19239	141.0994	69.62136	64.62763	59.36244	1.94029	38.69727	11.40101	27.29627	30.3559	8
1946.215	1947.178	1302.678	72.29128	123.8039	71.26534	69.86858	51.48253	3.182624	45.33485	19.37642	25.95843	29.01473	8
1946.22	1947.183	1302.683	79.90549	207.0579	79.76952	80.95615	17.4327	12.26799	70.29931	53.23339	17.06592	27.14439	8
1946.225	1947.187	1302.687	83.55191	303.0544	79.63356	78.23679	20.16032	9.761049	70.07863	44.54052	25.53811	25.91991	8
1946.23	1947.192	1302.692	92.22914	312.7258	87.85344	83.94745	13.38121	7.232962	79.38583	51.59458	27.79124	28.10896	8
1946.235	1947.196	1302.696	97.80383	206.1564	94.44171	90.48628	26.18705	3.249675	70.56328	47.75137	22.81191	29.30946	8
1946.24	1947.201	1302.701	106.889	83.40679	106.444	105.3933	24.92635	18.95133	56.12232	31.73702	24.3853	28.80473	8
1946.245	1947.205	1302.705	113.5514	30.45058	113.4402	114.0582	29.02583	28.22041	42.75376	24.63828	18.11547	27.48162	8
1946.25	1947.209	1302.709	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1946.255	1947.214	1302.714	80.33812	152.9405	77.33446	75.23313	52.35569	1.989498	45.65481	26.83652	18.8183	29.31493	2
1946.26	1947.218	1302.718	77.65584	327.2254	70.77091	66.24688	42.72628	7.028916	50.24481	26.54123	23.70358	24.78105	2
1946.265	1947.223	1302.723	74.23192	206.4773	72.41489	61.0801	35.8211	7.667062	56.51184	35.24808	21.26376	28.19024	2
1946.27	1947.227	1302.727	67.1245	72.34497	65.98731	63.19378	69.55118	0	30.44882	7.593755	22.85506	31.7105	2
1946.275	1947.232	1302.732	67.9403	52.45201	67.32227	65.49288	69.59132	0	30.40868	6.315168	24.09351	31.29146	2
1946.28	1947.236	1302.736	63.70057	106.4319	61.21607	58.87989	74.89388	0	25.10612	16.35889	8.747227	32.63048	2
1946.285	1947.241	1302.741	64.42986	116.4089	62.82296	58.42254	65.00701	1.13917	33.85382	10.98862	22.8652	31.21405	8

1946.29	1947.245	1302.745	69.67081	88.67797	69.17638	67.19866	58.27462	1.229693	40.49569	29.35302	11.14267	30.66893	8
1946.295	1947.249	1302.749	75.03536	104.1706	75.41855	70.96868	42.78851	4.984682	52.22681	36.68725	15.53956	29.42683	8
1946.3	1947.254	1302.754	76.53101	98.63973	76.84003	76.37032	43.32576	4.914615	51.75962	32.71449	19.04513	28.91537	8
1946.305	1947.258	1302.758	79.22565	99.41894	79.94257	79.70772	37.49687	6.878553	55.62458	20.04298	35.5816	28.67546	8
1946.31	1947.263	1302.763	80.98087	103.1164	82.39	87.50734	29.62272	9.798781	60.5785	43.03652	17.54198	27.57924	8
1946.315	1947.267	1302.767	80.56061	56.71479	80.18979	79.62119	55.03313	1.731662	43.23521	17.88831	25.3469	31.26221	8
1946.32	1947.272	1302.772	80.30103	59.2205	80.59769	80.58533	49.49259	3.519716	46.98769	18.51121	28.47648	30.33564	8
1946.325	1947.276	1302.776	77.43334	44.24731	77.86597	77.70528	54.70062	1.809418	43.48996	13.14503	30.34493	31.21046	8
1946.33	1947.28	1302.78	75.45563	42.78055	75.12189	73.97234	62.81441	0	37.18559	14.15977	23.02582	32.0724	8
1946.335	1947.285	1302.785	70.14051	69.01419	68.62014	66.91436	70.55216	0	29.44784	5.121663	24.32618	31.44153	8
1946.34	1947.289	1302.789	68.02683	91.04618	66.39521	61.85882	68.02717	0	31.97283	12.83093	19.1419	32.2969	8
1946.345	1947.294	1302.794	68.18752	80.24409	67.42115	64.70179	63.78775	0.062707	36.14955	15.81796	20.33159	31.86039	8
1946.35	1947.298	1302.798	67.45823	87.89875	66.86492	65.49288	61.26512	0.708546	38.02634	27.18857	10.83777	30.91525	8
1946.355	1947.303	1302.803	67.27282	123.6205	66.22216	62.8106	56.33547	2.512011	41.15252	26.36619	14.78632	29.63116	8
1946.36	1947.307	1302.807	68.18752	114.7741	67.32227	60.67219	56.19785	2.261687	41.54047	11.96461	29.57586	30.49424	8
1946.365	1947.311	1302.811	64.72651	104.0331	62.90949	59.95527	69.35755	0.097711	30.54474	24.21886	6.325871	32.1944	8
1946.37	1947.316	1302.816	65.39399	98.79251	62.21728	58.73156	80.54923	0	19.45077	13.75293	5.697843	33.09035	8
1946.375	1947.32	1302.82	69.27526	70.00731	69.04041	66.22216	61.14511	0.279539	38.57535	15.63984	22.93552	31.71573	8
1946.38	1947.325	1302.825	70.5237	80.01491	68.95388	65.27039	67.92064	0	32.07936	10.11631	21.96305	31.94797	8
1946.385	1947.329	1302.829	72.83515	132.4211	71.43839	69.32471	51.77067	3.230857	44.99847	23.40195	21.59653	29.02167	8
1946.39	1947.334	1302.834	71.71033	118.8994	70.89452	68.11335	51.57537	3.10293	45.3217	13.5452	31.7765	29.35104	8
1946.395	1947.338	1302.838	70.35065	93.65885	69.27526	66.37049	60.94619	0.813952	38.23986	18.93384	19.30602	31.20853	8
1946.4	1947.343	1302.843	70.26412	91.35175	69.5472	66.41993	58.80603	1.175384	40.01858	14.47909	25.53949	30.94104	8
1946.405	1947.347	1302.847	70.62258	91.84067	70.79563	71.82157	51.46064	2.639603	45.89975	19.23941	26.66035	29.19022	8
1946.41	1947.351	1302.851	69.01569	41.48185	68.76847	68.49654	68.38287	0	31.61713	21.5667	10.05043	30.9821	8
1946.415	1947.356	1302.856	67.65601	51.35194	67.07505	66.87728	69.8317	0	30.1683	5.288852	24.87945	30.96142	8
1946.42	1947.36	1302.86	69.23818	40.93182	68.96624	68.26168	68.50288	0	31.49712	14.53029	16.96683	31.06952	8
1946.425	1947.365	1302.865	68.29876	54.48409	67.82906	65.13442	67.62022	0	32.37978	23.05589	9.323887	31.52409	8
1946.43	1947.369	1302.869	72.14295	93.27688	71.41367	70.73383	56.70742	1.581547	41.71103	17.01549	24.69554	30.25002	8
1946.435	1947.374	1302.874	72.22948	71.22962	71.92046	69.90566	58.70621	0.803447	40.49035	17.77433	22.71602	31.31475	8
1946.44	1947.378	1302.878	68.78083	83.51374	68.19988	67.07505	61.0137	0.619464	38.36683	9.312504	29.05433	31.02317	8
1946.445	1947.382	1302.882	77.53223	121.069	76.03658	71.94518	50.96294	2.867684	46.16938	18.54307	27.62631	29.90029	8
1946.45	1947.387	1302.887	80.04146	82.74981	80.49881	79.94257	42.79196	5.422156	51.78588	29.94949	21.83639	29.35642	8
1946.455	1947.391	1302.891	83.52719	60.62615	83.95981	85.31949	45.13061	5.345294	49.52409	24.05259	25.4715	29.70781	8
1946.46	1947.396	1302.896	82.14278	51.8103	82.42708	85.05992	49.68725	3.710152	46.6026	33.63552	12.96709	30.07621	8
1946.465	1947.4	1302.9	71.61144	85.28608	70.73383	69.44831	60.27974	0.721253	38.99901	13.41711	25.5819	31.08041	8
1946.47	1947.405	1302.905	73.05765	85.3472	71.82157	74.54093	61.71251	0.345481	37.94201	18.37797	19.56404	30.69863	8
1946.475	1947.409	1302.909	72.77335	68.11275	73.18125	74.17011	53.40398	1.958175	44.63785	15.14762	29.49023	30.08662	8
1946.48	1947.413	1302.913	72.05643	82.24561	72.78571	75.13425	48.15271	3.280406	48.56689	33.65277	14.91412	28.90427	8
1946.485	1947.418	1302.918	69.43595	73.94924	69.39887	71.37659	58.5106	0.864563	40.62484	14.1315	26.49334	30.30819	8
1946.49	1947.422	1302.922	73.51499	49.33514	73.55208	72.73627	60.13972	0.213725	39.64656	10.81931	28.82725	31.90079	8
1946.495	1947.427	1302.927	75.83881	32.92574	75.41855	74.70162	65.51732	0	34.48268	10.30121	24.18148	31.74406	8
1946.5	1947.431	1302.931	74.60274	44.8279	74.97356	75.97478	57.64326	0.827555	41.52919	28.90608	12.62311	31.29987	8
1946.505	1947.436	1302.936	75.07245	85.11802	74.34316	72.22948	55.98674	1.549074	42.46419	12.06301	30.40118	30.78607	8
1946.51	1947.44	1302.94	80.38756	82.35256	80.53589	76.59282	44.96458	4.730509	50.30491	33.16137	17.14355	30.17976	8
1946.515	1947.445	1302.945	81.38878	120.8551	82.43944	80.07854	27.73277	10.19546	62.07178	32.48552	29.58626	28.70847	8
1946.52	1947.449	1302.949	77.64348	88.99882	77.87833	77.9525	45.21017	4.454254	50.33558	35.55047	14.78511	29.20215	8
1946.525	1947.453	1302.953	75.86353	100.7788	76.23435	77.42098	42.94322	4.981747	52.07503	22.53466	29.54037	28.50591	8
1946.53	1947.458	1302.958	72.42725	81.22193	71.48783	72.47669	60.99169	0.46899	38.53931	18.64306	19.89626	30.93545	8
1946.535	1947.462	1302.962	74.30608	92.13097	74.02178	74.269	51.54601	2.697357	45.75663	14.63341	31.12322	29.55645	8
1946.54	1947.467	1302.967	75.70284	58.12043	75.03536	74.97356	61.46121	0	38.53879	7.964946	30.57385	31.90451	8
1946.545	1947.471	1302.971	72.00698	83.29984	71.57436	69.57192	56.94786	1.370086	41.68205	16.06451	25.61754	30.74777	8
1946.55	1947.476	1302.976	69.96746	100.4732	68.79319	66.92672	60.41601	1.084774	38.49921	26.72254	11.77667	30.7341	8
1946.555	1947.48	1302.98	69.28762	107.5167	67.86614	65.64121	61.25285	1.143414	37.60374	27.0098	10.59393	30.72299	8
1946.56	1947.484	1302.984	68.70667	97.63133	67.03797	64.24444	66.0955	0.096104	33.8084	11.40651	22.40189	31.94312	8
1946.565	1947.489	1302.989	68.92916	82.04698	67.01325	67.00089	71.57813	0	28.42187	4.56744	23.85443	31.30738	8
1946.57	1947.493	1302.993	73.10709	87.48622	72.45197	70.35065	56.64698	1.480131	41.87289	19.74218	22.13071	30.69856	8
1946.575	1947.498	1302.998	76.39504	84.06378	76.33324	75.78937	49.8521	3.107502	47.04039	28.82258	18.21781	29.80021	8
1946.58	1947.502	1303.002	70.14051	81.95531	69.8315	70.9934	58.03243	1.131169	40.8364	22.11602	18.72037	30.23917	8
1946.585	1947.507	1303.007	69.28762	81.48167	68.39765	65.22094	63.43411	0.121924	36.44397	7.298289	29.14568	31.92369	8
1946.59	1947.511	1303.011	66.04911	45.22515	65.65357	65.71537	71.35579	0	28.64421	10.05526	18.58894	30.75101	8
1946.595	1947.516	1303.016	67.14922	70.98516	66.48174	64.83776	66.21728	0	33.78272	19.23027	14.55245	31.50493	8
1946.6	1947.52	1303.02	64.91192	46.4169	64.39277	64.7636	73.07156	0	26.92844	8.238746	18.6897	30.70358	8
1946.605	1947.524	1303.024	66.61771	50.74079	65.50524	64.45458	75.05405	0	24.94595	20.18363	4.762321	31.19307	8
1946.61	1947.529	1303.029	62.62519	49.12124	61.38912	60.52386	80.07705	0	19.92295	4.377582	15.54536	31.47745	8
1946.615	1947.533	1303.033	63.61405	84.96523	63.00837	62.01951	65.60748	0.011964	34.38056	10.86117	23.51938	31.4503	8
1946.62	1947.538	1303.038	70.75855	75.8438	70.41245	69.90566	59.23021	0.774007	39.99578	18.87969	21.11609	30.92075	8
1946.625	1947.542	1303.042	72.89696	77.53975	71.83393	70.98104	62.40861	0.084849	37.50654	26.77671	10.72983	31.65158	8
1946.63	1947.547	1303.047	75.50507	111.3517	72.73627	69.59664	65.04646	0	34.95354	15.18878	19.76476	31.58343	8
1946.635	1947.551	1303.051	72.77335	104.9651	70.82035	70.15287	62.78267	0.47727	36.74006	18.38613	18.35393	31.05073	8
1946.64	1947.555	1303.055	73.89818	101.5427	73.3543	73.2925	51.65536	2.772592	45.57205	29.59243	15.97962	29.3946	8
1946.645	1947.56	1303.06	76.79059	244.3228	75.023	68.36057	23.92533	10.55421	65.52046	32.53403	32.98643	27.08059	8
1946.65	1947.564	1303.064	73.26778	120.2133	72.64974	67.50768	48.2918	3.782339	47.92586	16.87881	31.04705	29.52397	8

1946.655	1947.569	1303.069	78.92899	83.57486	79.10204	78.83011	45.81907	4.367807	49.81312	27.95257	21.86055	29.48504	8
1946.66	1947.573	1303.073	75.9377	85.46943	75.13425	73.52735	55.68044	1.594966	42.7246	21.33491	21.38968	30.69631	8
1946.665	1947.578	1303.078	76.17255	77.70781	75.83881	74.99828	53.70245	2.061112	44.23644	19.61949	24.61695	30.44969	8
1946.67	1947.582	1303.082	72.05643	61.0234	71.77213	71.29006	61.14373	0.121139	38.73514	11.9259	26.80923	31.66785	8
1946.675	1947.586	1303.086	73.65096	60.42753	73.16889	72.06879	61.35369	0.059081	38.58723	25.93862	12.64861	31.93482	8
1946.68	1947.591	1303.091	72.87224	68.73918	72.74863	72.50141	57.28062	1.087683	41.6317	15.68778	25.94391	30.85539	8
1946.685	1947.595	1303.095	73.74985	75.24793	73.16889	71.52492	58.44254	0.902639	40.65482	15.35589	25.29894	31.20929	8
1946.69	1947.6	1303.1	74.68926	82.19977	73.49027	72.63738	60.68571	0.419768	38.89452	26.85756	12.03696	31.36076	8
1946.695	1947.604	1303.104	74.71398	68.08219	74.05887	72.52613	59.86442	0.46943	39.66616	27.58594	12.08022	31.64949	8
1946.7	1947.609	1303.109	74.25664	74.27009	74.6769	75.92534	50.45348	2.810203	46.73632	30.85873	15.87758	29.62556	8
1946.705	1947.613	1303.113	76.59282	80.41216	76.32088	76.85239	52.18237	2.474581	45.34305	27.60026	17.74279	29.9648	8
1946.71	1947.618	1303.118	74.10831	115.8895	71.73505	67.86614	62.16788	0.606688	37.22544	9.005079	28.22036	31.39005	8
1946.715	1947.622	1303.122	80.69658	86.41671	81.15393	80.35048	41.30186	5.930616	52.76752	24.66331	28.10421	29.25883	8
1946.72	1947.626	1303.126	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1947.02	1947.892	1303.392	89.23784	105.8971	88.37259	88.86702	38.97977	6.351537	54.66869	31.96802	22.70067	28.98594	-9999
1947.025	1947.897	1303.397	92.83482	88.99882	91.69763	89.99185	41.86746	5.398776	52.73377	31.19591	21.53786	30.04151	-9999
1947.03	1947.901	1303.401	88.69397	52.42145	88.03885	87.71747	50.79273	3.331686	45.87559	18.10605	27.76954	31.07005	-9999
1947.035	1947.906	1303.406	80.48645	47.97533	80.00438	77.87833	58.07847	0.84027	41.08126	22.06	19.02126	32.20653	-9999
1947.04	1947.91	1303.41	76.24671	61.84845	75.75229	74.34316	58.71752	0.681542	40.60093	20.56898	20.03195	31.65635	-9999
1947.045	1947.915	1303.415	74.29372	46.06548	73.81165	72.73627	64.23796	0	35.76204	13.9269	21.83514	31.76052	-9999
1947.05	1947.919	1303.419	74.15775	46.56968	73.28014	71.58672	67.3065	0	32.6935	14.12728	18.56622	31.52936	-9999
1947.055	1947.924	1303.424	77.0378	47.97533	76.23435	73.10709	63.74191	0	36.25809	24.37084	11.88725	32.26059	-9999
1947.06	1947.928	1303.428	81.10448	42.65832	80.62241	76.79059	58.79659	0.657185	40.54622	13.51082	27.0354	32.7827	8
1947.065	1947.932	1303.432	81.66072	46.87526	80.99324	81.31461	58.7013	0.614194	40.68451	26.97492	13.70959	31.95711	8
1947.07	1947.937	1303.437	82.46416	86.34032	81.05504	79.13913	54.15932	1.505429	44.33525	19.61749	24.71776	30.96819	8
1947.075	1947.941	1303.441	86.12294	83.28456	85.81392	88.97827	43.00692	5.624808	51.36827	24.27871	27.08956	28.94433	8
1947.08	1947.946	1303.446	90.5728	58.5788	90.60988	88.4344	42.20957	7.413048	50.37739	22.93202	27.44537	30.31064	8
1947.085	1947.95	1303.45	85.27005	74.57567	85.88809	86.96347	38.71446	7.750231	53.53531	33.85778	19.67753	29.08445	8
1947.09	1947.955	1303.455	81.4135	51.48945	81.05504	79.26273	55.41721	1.66879	42.914	24.47495	18.43905	31.68406	8
1947.095	1947.959	1303.459	84.49132	21.19165	84.55313	85.75212	56.66063	1.962687	41.37669	20.10268	21.27401	31.98659	8
1947.1	1947.963	1303.463	84.56549	29.76304	84.09578	83.79912	58.63733	0.916324	40.44634	26.448	13.99835	32.50788	8
1947.105	1947.968	1303.468	85.12172	45.51545	84.44188	83.95981	55.94204	1.513382	42.54458	23.90239	18.64219	31.83862	8
1947.11	1947.972	1303.472	88.8423	59.48024	88.558	88.24898	46.07417	5.278609	48.64722	32.15656	16.49066	30.33787	8
1947.115	1947.977	1303.477	96.98802	208.4941	97.29704	100.3625	0	23.47318	76.52682	76.52682	0	-9999	8
1947.12	1947.981	1303.481	91.8336	146.172	89.2502	85.94989	40.16077	2.928311	56.91092	38.95459	17.95633	29.56173	8
1947.125	1947.986	1303.486	85.56671	84.61382	84.07106	81.79668	52.39336	1.739627	45.86701	31.63707	14.22994	31.0315	8
1947.13	1947.99	1303.49	82.63721	72.4672	82.31583	82.14278	48.92739	3.5798	47.49281	20.2114	27.28141	30.17671	8
1947.135	1947.994	1303.494	89.26256	84.87356	88.92883	88.80522	39.92552	6.995504	53.07897	30.56892	22.51005	29.40692	4
1947.14	1947.999	1303.499	79.10204	30.66449	78.80539	78.27387	62.10441	0	37.89559	8.585342	29.31025	32.54438	4
1947.145	1948.003	1303.503	77.54459	57.50928	76.55573	74.82523	62.40538	0	37.59462	17.47659	20.11803	32.06328	4
1947.15	1948.008	1303.508	78.2986	45.31683	77.84125	77.90305	60.54306	0.135921	39.32102	15.1178	24.20322	32.17151	4
1947.155	1948.012	1303.512	80.12798	24.12517	79.80661	79.83133	62.93465	0	37.06535	19.67472	17.39063	32.50835	4
1947.16	1948.017	1303.517	75.31966	40.19844	74.94884	74.87467	63.85176	0	36.14824	24.26267	11.88557	31.73642	4
1947.165	1948.021	1303.521	76.29616	56.11891	76.11075	75.90061	57.66369	0.938613	41.39769	15.64353	25.75417	31.37861	4
1947.17	1948.026	1303.526	76.58045	45.50017	76.24671	76.02422	61.12142	0	38.87858	17.14563	21.73294	32.2068	4
1947.175	1948.03	1303.53	80.18979	57.70791	79.90549	78.40984	54.46338	1.905599	43.63102	15.37172	28.2593	31.29989	4
1947.18	1948.034	1303.534	77.56931	78.85372	77.13669	73.95998	52.90648	2.271522	44.822	14.13317	30.68883	30.83031	4
1947.185	1948.039	1303.539	72.34072	42.55137	72.09351	72.6003	65.06502	0	34.93498	7.481688	27.4533	31.27938	4
1947.19	1948.043	1303.543	72.71155	54.52992	72.36545	73.39139	62.59142	0	37.40858	9.482902	27.92568	31.43904	4
1947.195	1948.048	1303.548	75.51743	136.6991	72.27892	69.25054	62.54124	0.562323	36.89644	27.91851	8.977933	30.96461	4
1947.2	1948.052	1303.552	72.05643	71.71854	71.36423	70.5855	61.71676	0.172464	38.11078	8.544873	29.5659	31.57867	4
1947.205	1948.057	1303.557	71.9081	117.2798	72.93404	70.05399	37.51179	6.1212	56.36701	39.13929	17.22771	28.48378	4
1947.21	1948.061	1303.561	73.49027	82.42895	73.61388	71.87102	51.48319	2.598749	45.91806	24.84878	21.06928	30.07425	4
1947.215	1948.065	1303.565	72.32836	38.05941	72.55086	72.26656	62.52321	0	37.47679	8.781564	28.69523	31.70801	4
1947.22	1948.07	1303.57	71.42603	71.93244	69.70789	70.48661	70.196	0	29.804	7.067089	22.73691	30.95161	4
1947.225	1948.074	1303.574	71.77213	111.6114	69.96746	64.60291	60.94585	1.082178	37.97197	9.863332	28.10864	31.34211	4
1947.23	1948.079	1303.579	61.8341	53.00205	61.21607	60.19012	75.07591	0	24.92409	12.21224	12.71185	31.06244	4
1947.235	1948.083	1303.583	60.05416	65.59175	59.65861	58.60795	71.94243	0	28.05757	12.72374	15.33382	31.04057	4
1947.24	1948.088	1303.588	57.75506	74.39232	57.94047	56.88981	67.42547	0	32.57453	24.91532	7.659216	30.81713	4
1947.245	1948.092	1303.592	58.57087	69.86981	58.12588	58.83044	72.65495	0	27.34505	12.65442	14.69063	30.80179	4
1947.25	1948.096	1303.596	57.23591	36.13429	57.17411	57.69326	79.07744	0	20.92256	10.45214	10.47041	30.43346	4
1947.255	1948.101	1303.601	62.03187	62.38321	60.70928	59.43612	78.08408	0	21.91592	10.01047	11.90545	31.64496	4
1947.26	1948.105	1303.605	63.88598	85.83612	62.67463	61.21607	69.84053	0	30.15947	21.56307	8.596396	31.66743	4
1947.265	1948.11	1303.61	60.56095	38.96086	59.58445	58.05172	82.42326	0	17.57674	17.57674	0	31.58103	4
1947.27	1948.114	1303.614	60.59803	105.8666	59.38668	54.12101	68.01808	0.554287	31.42764	9.574684	21.85295	31.9547	4
1947.275	1948.119	1303.619	66.5559	37.60105	66.64243	65.81426	68.99855	0	31.00145	11.29896	19.70249	30.82008	4
1947.28	1948.123	1303.623	64.45458	28.5713	63.67585	62.30381	79.82266	0	20.17734	15.34354	4.833799	31.13335	4
1947.285	1948.128	1303.628	67.4706	55.20219	67.09977	66.22216	67.44199	0	32.55801	13.78366	18.77435	31.14506	4
1947.29	1948.132	1303.632	69.39887	74.05619	69.609	69.80677	56.60292	1.230831	42.16625	18.09872	24.06754	30.33761	4
1947.295	1948.136	1303.636	65.01081	82.97899	63.76238	61.25315	69.7845	0	30.2155	24.61301	5.602483	31.81532	4
1947.3	1948.141	1303.641	62.82296	54.10212	62.0566	61.47564	75.0495	0	24.9505	12.57392	12.37659	31.05258	4
1947.305	1948.145	1303.645	60.43734	46.40162	59.52265	57.98991	80.25734	0	19.74266	19.74266	0	31.4798	4
1947.31	1948.15	1303.65	64.04667	60.74838	62.66227	60.14068	77.10507	0	22.89493	7.627126	15.26781	31.76317	4

1947.315	1948.154	1303.654	59.89347	43.08613	58.81808	56.16053	82.80539	0	17.19461	17.19461	0	31.9396	4
1947.32	1948.159	1303.659	63.16906	93.87275	61.25315	59.28779	74.01559	0	25.98441	9.442193	16.54222	32.18952	1
1947.325	1948.163	1303.663	60.32609	45.22515	59.53501	59.05294	79.68643	0	20.31357	6.504514	13.80906	31.1732	1
1947.33	1948.167	1303.667	59.26307	37.78439	58.97877	57.90339	78.53745	0	21.46255	7.397909	14.06464	30.86225	1
1947.335	1948.172	1303.672	59.38668	26.23364	58.89225	58.60795	82.84754	0	17.15246	15.38981	1.762652	30.99376	1
1947.34	1948.176	1303.676	60.30137	37.61633	59.76986	58.70684	79.5388	0	20.4612	9.561073	10.90013	31.0494	1
1947.345	1948.181	1303.681	66.43229	40.27483	66.22216	66.63007	70.76431	0	29.23569	23.73383	5.501861	30.62365	1
1947.35	1948.185	1303.685	66.02439	28.02126	65.9255	66.02439	73.24278	0	26.75722	11.46637	15.29085	30.52222	1
1947.355	1948.19	1303.69	64.70179	28.11293	64.91192	64.96137	72.0425	0	27.9575	7.860969	20.09654	30.37271	1
1947.36	1948.194	1303.694	65.27039	43.11668	65.5176	65.90078	67.60109	0	32.39891	12.44779	19.95112	30.55395	1
1947.365	1948.198	1303.698	64.29389	37.21908	63.99723	63.07018	74.1417	0	25.8583	13.69361	12.16469	30.77797	1
1947.37	1948.203	1303.703	58.50907	40.84015	57.8045	57.18647	81.7487	0	18.2513	18.2513	0	31.27049	1
1947.375	1948.207	1303.707	57.08758	24.43075	56.54371	56.08636	85.78219	0	14.21781	11.96284	2.254969	31.33454	1
1947.38	1948.212	1303.712	61.54981	19.49571	61.37675	62.01951	79.99736	0	20.00264	11.84599	8.156656	30.40284	1
1947.385	1948.216	1303.716	65.09734	23.37651	64.8254	62.92185	76.56084	0	23.43916	18.20759	5.231565	30.90459	1
1947.39	1948.221	1303.721	66.50646	16.57746	66.22216	65.76481	77.00561	0	22.99439	18.6826	4.311788	30.65472	1
1947.395	1948.225	1303.725	69.25054	45.75991	68.33585	67.60656	72.30448	0	27.69552	13.54584	14.14968	31.04348	1
1947.4	1948.23	1303.73	66.902	38.28859	66.19744	65.1097	74.64467	0	25.35533	21.92008	3.435245	30.99478	1
1947.405	1948.234	1303.734	68.84264	26.56978	68.65723	69.10221	71.67182	0	28.32818	22.24	6.088178	30.64539	1
1947.41	1948.238	1303.738	67.28518	46.75303	66.50646	64.49166	72.81852	0	27.18148	7.527278	19.6542	31.24306	8
1947.415	1948.243	1303.743	74.81287	53.62848	74.65218	73.91054	59.43941	0.449728	40.11086	15.23388	24.87698	31.74029	8
1947.42	1948.247	1303.747	74.59038	47.74615	74.41733	72.8846	61.16342	0	38.83658	24.95495	13.88163	32.27424	8
1947.425	1948.252	1303.752	77.14905	53.23123	77.09961	78.49637	56.5241	1.261834	42.21406	16.46666	25.74741	31.00229	8
1947.43	1948.256	1303.756	78.05138	72.08523	77.51987	76.37032	54.86732	1.715929	43.41675	23.97962	19.43713	30.89537	8
1947.435	1948.261	1303.761	77.65584	79.92323	77.07488	76.03658	53.7176	2.042835	44.23956	17.65965	26.57991	30.52852	8
1947.44	1948.265	1303.765	85.01047	164.0634	86.08586	86.33307	13.7528	15.18862	71.05859	59.83204	11.22654	28.57087	1
1947.445	1948.269	1303.769	74.17011	79.02179	72.89696	72.30364	62.50718	0.00114	37.49168	9.17463	28.31705	31.67611	1
1947.45	1948.274	1303.774	70.83271	45.20987	71.06757	71.36423	62.073	0	37.927	24.16942	13.75759	31.4723	1
1947.455	1948.278	1303.778	66.72895	33.65913	66.32105	65.95023	73.62511	0	26.37489	17.33923	9.035658	30.75241	1
1947.46	1948.283	1303.783	67.52004	50.17547	66.77839	65.76481	71.48684	0	28.51316	21.85973	6.65343	31.08937	1
1947.465	1948.287	1303.787	67.1863	58.53296	65.9255	63.57697	73.79479	0	26.20521	12.1074	14.09782	31.4994	1
1947.47	1948.292	1303.792	71.67324	46.09604	70.38773	69.38651	72.86812	0	27.13188	18.17862	8.953255	31.09395	1
1947.475	1948.296	1303.796	67.03797	50.83246	65.46816	62.71171	78.18966	0	21.81034	13.18514	8.625197	31.68663	1
1947.48	1948.3	1303.8	66.66715	34.66752	66.41993	65.83898	72.1926	0	27.8074	14.8744	12.93301	30.76553	1
1947.485	1948.305	1303.805	66.24688	46.49329	65.38163	65.67829	74.50719	0	25.49281	13.61913	11.87368	30.83485	1
1947.49	1948.309	1303.809	66.41993	27.97542	65.97495	64.07139	75.57225	0	24.42775	9.481203	14.94654	31.00928	1
1947.495	1948.314	1303.814	67.35935	72.37552	66.63007	62.10604	66.16647	0	33.83353	8.420691	25.41284	32.05812	1
1947.5	1948.318	1303.818	64.59055	45.42378	63.55224	60.734	77.63098	0	22.36902	22.36902	0	31.54491	1
1947.505	1948.323	1303.823	65.90078	64.96532	65.25802	63.24323	68.63105	0	31.36895	11.02819	20.34076	31.39995	1
1947.51	1948.327	1303.827	57.70562	48.55592	56.56843	55.91331	83.9735	0	16.0265	5.401486	10.62501	31.85493	1
1947.515	1948.332	1303.832	64.55346	36.39402	63.73765	62.29145	78.12597	0	21.87403	14.22835	7.645675	31.15055	2
1947.52	1948.336	1303.836	65.81426	82.26089	65.40635	64.71415	62.70501	0.331937	36.96306	14.67371	22.28934	31.06203	2
1947.525	1948.34	1303.84	73.68804	67.05851	72.46433	70.74619	65.46261	0	34.53739	7.892253	26.64514	31.61815	2
1947.53	1948.345	1303.845	71.54964	42.9639	71.22826	71.6238	66.26776	0	33.73224	12.60489	21.12735	31.1413	2
1947.535	1948.349	1303.849	72.20476	44.46121	72.20476	72.73627	62.81201	0	37.18799	21.09507	16.09292	31.49006	2
1947.54	1948.354	1303.854	67.96502	57.12731	67.71781	66.67951	65.56328	0	34.43672	18.37614	16.06058	31.28401	2
1947.545	1948.358	1303.858	69.33707	37.52465	68.68195	66.64243	72.2061	0	27.7939	15.03836	12.75554	31.21693	2
1947.55	1948.363	1303.863	69.53484	47.04333	68.5089	66.44465	72.5945	0	27.4055	8.918933	18.48656	31.30446	2
1947.555	1948.367	1303.867	73.78693	41.43602	73.08237	72.14295	67.54886	0	32.45114	10.56299	21.88815	31.38601	2
1947.56	1948.371	1303.871	72.36545	55.37025	72.13059	73.71276	61.84431	0	38.15569	11.47426	26.68143	31.39558	2
1947.565	1948.376	1303.876	72.58794	57.24954	72.05643	71.69797	63.48392	0	36.51608	13.08204	23.43404	31.58004	2
1947.57	1948.38	1303.88	72.6621	45.68352	72.27892	72.6621	65.06512	0	34.93488	15.71668	19.2182	31.31249	2
1947.575	1948.385	1303.885	72.35308	52.57424	72.10587	72.83515	62.62811	0	37.37189	9.218254	28.15364	31.46794	2
1947.58	1948.389	1303.889	73.31722	37.53993	73.14417	73.93526	64.80463	0	35.19537	6.746256	28.44911	31.34112	2
1947.585	1948.394	1303.894	72.77335	24.09462	72.55086	72.63738	68.94194	0	31.05806	17.05419	14.00387	31.10672	2
1947.59	1948.398	1303.898	72.26656	22.44451	71.94518	71.67324	70.57388	0	29.42612	4.899827	24.52629	31.03664	2
1947.595	1948.403	1303.903	75.81409	40.90126	75.51743	76.38268	62.65203	0	37.34797	7.660228	29.68774	31.76307	2
1947.6	1948.407	1303.907	74.35552	56.45505	73.21834	72.34072	66.744	0	33.256	20.65985	12.59615	31.37058	2
1947.605	1948.411	1303.911	77.08724	41.6652	76.51865	75.48035	63.40336	0	36.59664	22.99686	13.59979	32.03802	2
1947.61	1948.416	1303.916	76.92655	46.11132	76.61754	76.49393	60.46352	0.165654	39.37083	22.7266	16.64422	32.08942	2
1947.615	1948.42	1303.92	74.9612	40.35123	74.6769	72.6003	63.474	0	36.526	23.49824	13.02776	32.1332	2
1947.62	1948.425	1303.925	74.82523	80.97747	74.24428	72.93404	56.06664	1.500591	42.43277	28.3384	14.09437	30.7137	2
1947.625	1948.429	1303.929	71.46311	61.81789	70.53606	68.37293	66.47868	0	33.52132	10.72258	22.79874	31.62782	2
1947.63	1948.434	1303.934	70.90688	58.7927	69.91802	66.98853	68.20149	0	31.79851	7.604071	24.19444	31.65578	2
1947.635	1948.438	1303.938	70.41245	72.80333	69.06513	66.07383	68.04387	0	31.95613	23.89931	8.056824	31.75708	2
1947.64	1948.442	1303.942	72.48905	52.84926	71.64852	69.27526	67.03466	0	32.96534	14.89489	18.07045	31.63239	9
1947.645	1948.447	1303.947	81.48766	40.16788	81.1292	79.70772	58.0888	0.927592	40.98361	22.87211	18.1115	32.26997	9
1947.65	1948.451	1303.951	87.14888	37.46354	87.03763	85.82628	51.61902	3.654316	44.72667	20.84807	23.8786	31.46535	9
1947.655	1948.456	1303.956	83.09456	31.70344	82.82262	80.95615	57.98828	1.125464	40.88626	18.74075	22.14551	32.56233	9
1947.66	1948.46	1303.96	86.33307	50.64912	87.1736	85.20824	41.80238	7.513904	50.68371	29.22464	21.45908	30.21291	9
1947.665	1948.465	1303.965	81.26517	41.94022	81.43822	78.91663	53.74537	2.390914	43.86372	20.53883	23.32489	31.71077	9
1947.67	1948.469	1303.969	79.90549	86.46255	80.90671	83.86093	37.80356	7.026641	55.1698	22.99097	32.17882	28.34362	9
1947.675	1948.473	1303.973	77.65584	52.74231	77.81653	79.54703	54.54765	1.843978	43.60837	29.37265	14.23572	30.6727	9

1947.68	1948.478	1303.978	81.61127	49.16707	81.46294	82.56305	54.16875	2.137177	43.69408	29.86705	13.82703	30.99895	9
1947.685	1948.482	1303.982	84.03398	51.93253	84.15758	84.61493	49.16311	4.035178	46.80171	30.75048	16.05123	30.47775	9
1947.69	1948.487	1303.987	81.14156	71.68798	81.30225	82.19223	46.75593	4.319237	48.92484	26.43372	22.49111	29.67224	9
1947.695	1948.491	1303.991	91.98193	121.237	91.77179	91.45041	27.6658	11.35597	60.97823	25.83314	35.14509	28.62817	9
1947.7	1948.496	1303.996	96.71609	209.9914	95.10919	102.4267	12.65672	12.61356	74.72972	61.20182	13.5279	27.45741	9
1947.705	1948.5	1304	98.33534	54.77438	97.69258	96.74081	41.25746	8.392807	50.34973	25.61644	24.73329	30.24034	9
1947.71	1948.505	1304.005	84.62729	58.01348	84.49132	83.88565	49.15738	3.882871	46.95975	16.88136	30.07839	30.60789	9
1947.715	1948.509	1304.009	89.70755	147.4859	88.42204	85.19588	31.7402	7.708274	60.55152	29.5485	31.00302	28.86839	9
1947.72	1948.513	1304.013	99.23767	100.3357	99.2624	100.4985	24.22852	16.36411	59.40737	41.67305	17.73432	28.47172	9
1947.725	1948.518	1304.018	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1948.02	1948.779	1304.279	98.632	192.0541	97.08691	94.3181	14.75592	12.41354	72.83054	44.84455	27.98599	29.37783	-9999
1948.025	1948.784	1304.284	90.12782	171.4736	89.73227	88.29843	18.65126	12.99835	68.3504	47.90794	20.44246	28.52884	-9999
1948.03	1948.788	1304.288	91.06723	154.1169	91.32681	92.68649	16.91014	15.12559	67.96427	55.4862	12.47807	28.30761	-9999
1948.035	1948.793	1304.293	87.14888	140.1063	87.09944	89.00299	26.30049	10.80325	62.89626	42.79216	20.10411	27.84589	-9999
1948.04	1948.797	1304.297	77.34682	126.3707	77.54459	76.88947	36.72649	6.799666	56.47385	28.42555	28.0483	28.12025	-9999
1948.045	1948.802	1304.302	78.40984	127.5777	77.70528	74.63982	42.44949	5.161044	52.38946	18.43953	33.94993	28.85443	-9999
1948.05	1948.806	1304.306	81.93265	71.36712	82.36528	82.11806	43.99827	5.361238	50.64049	20.91581	29.72468	29.65577	-9999
1948.055	1948.811	1304.311	85.86336	30.40475	85.87572	85.36893	53.55196	3.02402	43.42402	17.63027	25.79375	31.68176	-9999
1948.06	1948.815	1304.315	87.4579	26.73784	87.38373	87.84108	53.64295	3.206728	43.15032	23.42329	19.72703	31.63101	-9999
1948.065	1948.819	1304.319	85.80156	43.46809	85.31949	84.49132	54.27932	2.241353	43.47933	17.05123	26.4281	31.67708	-9999
1948.07	1948.824	1304.324	89.64575	62.56655	89.27493	89.55922	45.25868	5.521135	49.22019	20.02427	29.19592	30.12291	-9999
1948.075	1948.828	1304.328	87.40846	61.63455	87.49498	87.79164	43.99809	6.122468	49.87944	32.144	17.73544	29.89879	-9999
1948.08	1948.833	1304.333	89.15132	48.89206	89.16368	90.69641	46.05311	5.875003	48.07188	20.00447	28.06742	30.11408	-9999
1948.085	1948.837	1304.337	85.70267	60.54976	86.09822	86.44432	43.43504	6.277234	50.28773	31.79937	18.48835	29.78966	-9999
1948.09	1948.842	1304.342	80.85727	29.45746	80.86963	80.47408	58.38681	0.973416	40.63977	14.86245	25.77733	32.28586	-9999
1948.095	1948.846	1304.346	75.12189	40.77903	75.07245	75.56687	61.40252	0	38.59748	23.91779	14.67969	31.97845	-9999
1948.1	1948.85	1304.35	73.03292	32.98686	73.02056	73.71276	64.92269	0	35.07731	8.317804	26.75951	31.3423	-9999
1948.105	1948.855	1304.355	74.34316	57.55512	73.16889	72.40253	66.77654	0	33.22346	10.36147	22.86199	31.33692	-9999
1948.11	1948.859	1304.359	74.30608	47.33362	73.11945	70.37537	69.38005	0	30.61995	17.96414	12.65581	31.52792	6
1948.115	1948.864	1304.364	77.56931	107.5778	75.18369	72.50141	61.09097	0.169443	38.73959	19.24774	19.49185	31.452	6
1948.12	1948.868	1304.368	81.36406	103.04	81.11684	80.18979	42.1253	5.427144	52.44756	32.54192	19.90564	29.06806	6
1948.125	1948.873	1304.373	87.81636	90.11417	87.97705	88.66925	36.15598	8.526548	55.31748	31.7326	23.58488	28.87641	6
1948.13	1948.877	1304.377	90.72113	77.4328	89.86824	90.18962	44.40772	5.035466	50.55681	25.78577	24.77104	29.9189	6
1948.135	1948.881	1304.381	91.1414	70.8782	91.21556	90.96835	38.42262	8.736374	52.84101	26.54172	26.29929	29.49764	6
1948.14	1948.886	1304.386	94.98558	96.51598	94.92378	94.99794	29.73538	12.2788	57.98582	40.25714	17.72868	28.83375	6
1948.145	1948.89	1304.39	89.28729	59.15939	89.10188	89.63339	44.97606	5.855042	49.1689	32.88504	16.28386	30.06332	4
1948.15	1948.895	1304.395	83.19345	57.15787	83.04512	83.25525	50.77937	3.237859	45.98277	32.75291	13.22985	30.61399	4
1948.155	1948.899	1304.399	77.84125	98.85363	76.7535	74.6769	52.89349	2.270383	44.83613	15.80556	29.03056	30.23389	4
1948.16	1948.904	1304.404	77.11197	97.64661	77.22321	77.02544	44.56435	4.598462	50.83719	30.16342	20.67377	28.98997	4
1948.165	1948.908	1304.408	72.85987	70.61846	72.40253	71.50019	59.42369	0.634954	39.94136	19.4977	20.44366	31.26893	4
1948.17	1948.913	1304.413	71.37659	75.37016	71.03049	71.61144	58.77624	0.856732	40.36703	14.40239	25.96464	30.68454	4
1948.175	1948.917	1304.417	70.75855	39.98454	70.43717	69.73261	67.71656	0	32.28344	17.84635	14.43708	31.18768	4
1948.18	1948.921	1304.421	69.80677	44.1862	69.11457	69.22582	70.44927	0	29.55073	13.20039	16.35034	30.90511	4
1948.185	1948.926	1304.426	71.22826	69.47256	69.91802	69.38651	67.81198	0	32.18802	21.38195	10.80606	31.27494	4
1948.19	1948.93	1304.43	69.06513	46.9211	68.68195	68.12571	68.07484	0	31.92516	19.1513	12.77386	31.077	4
1948.195	1948.935	1304.435	68.84264	83.14705	67.52004	66.40757	66.79332	0	33.20668	11.02473	22.18194	31.56076	4
1948.2	1948.939	1304.439	69.609	88.02098	68.65723	69.2011	62.03491	0.517822	37.44727	24.38729	13.05999	30.83127	4
1948.205	1948.944	1304.444	69.70789	54.77438	69.80677	70.18996	61.84698	0	38.15302	19.42391	18.72911	31.38304	4
1948.21	1948.948	1304.448	68.18752	37.46354	68.03919	67.98975	69.35086	0	30.64914	17.31678	13.33237	30.80579	4
1948.215	1948.952	1304.452	66.74131	58.5788	66.2716	65.46816	68.06216	0	31.93784	4.937533	27.00031	31.1163	4
1948.22	1948.957	1304.457	70.32592	53.0326	70.32592	69.80677	62.46626	0	37.53374	11.56882	25.96492	31.54566	4
1948.225	1948.961	1304.461	67.80434	36.66904	67.58184	67.50768	70.47043	0	29.52957	9.813591	19.71598	30.76082	4
1948.23	1948.966	1304.466	66.39521	44.8279	66.64243	66.56826	66.15214	0	33.84786	13.38222	20.46564	30.79482	4
1948.235	1948.97	1304.47	69.28762	58.77742	68.76847	64.96137	66.05467	0	33.94533	22.08767	11.85766	31.86455	4
1948.24	1948.975	1304.475	68.10099	58.63991	67.61892	66.04911	66.89226	0	33.10774	7.554514	25.55323	31.35568	4
1948.245	1948.979	1304.479	69.13929	56.43977	68.42237	66.50646	68.28957	0	31.71043	15.75561	15.95481	31.40453	4
1948.25	1948.983	1304.483	70.69675	48.70871	70.33829	69.17638	65.94956	0	34.05044	12.384	21.66644	31.40405	4
1948.255	1948.988	1304.488	71.9081	49.13652	71.14173	69.47303	67.89284	0	32.10716	5.799025	26.30813	31.425	4
1948.26	1948.992	1304.492	68.26168	66.7071	67.50768	65.81426	66.89967	0	33.10033	18.21375	14.88658	31.47396	4
1948.265	1948.997	1304.497	70.59786	38.94558	70.33829	70.18996	67.63685	0	32.36315	13.43424	18.92891	31.07455	4
1948.27	1949.001	1304.501	71.05521	44.79735	71.26534	72.15531	62.15972	0	37.84028	19.63818	18.2021	31.37168	4
1948.275	1949.006	1304.506	71.71033	57.92181	71.31478	71.72269	63.07488	0	36.92512	18.01228	18.91284	31.42949	4
1948.28	1949.01	1304.51	69.75733	41.77215	69.29998	68.37293	69.25883	0	30.74117	8.530124	22.21104	31.10948	4
1948.285	1949.015	1304.515	68.9786	47.54753	68.89208	68.89208	65.70375	0	34.29625	9.780723	24.51553	31.07208	4
1948.29	1949.019	1304.519	68.94152	54.98829	68.15044	67.80434	69.39756	0	30.60244	20.27256	10.32988	31.06893	4
1948.295	1949.023	1304.523	69.33707	53.76598	69.01569	69.02805	65.68922	0	34.31078	8.657313	25.65347	31.14268	4
1948.3	1949.028	1304.528	68.29876	35.87455	68.55834	68.74375	66.47179	0	33.52821	6.713306	26.81491	30.84333	4
1948.305	1949.032	1304.532	69.39887	55.8439	68.36057	67.1863	70.68565	0	29.31435	4.860418	24.45393	31.22016	4
1948.31	1949.037	1304.537	70.98104	101.9094	69.39887	67.58184	62.29722	0.693598	37.00919	19.30824	17.70094	31.08632	4
1948.315	1949.041	1304.541	70.26412	63.80413	68.99097	66.04911	69.78336	0	30.21664	21.43312	8.783523	31.62689	4
1948.32	1949.046	1304.546	70.94396	65.57647	71.00576	70.35065	58.38307	0.760387	40.85654	15.84866	25.00788	31.04706	4
1948.325	1949.05	1304.55	71.71033	82.94843	70.1776	67.71781	65.83164	0	34.16836	5.691779	28.47658	31.78642	4
1948.33	1949.054	1304.554	73.60152	73.07835	73.61388	72.6621	54.50585	1.792518	43.70163	30.91199	12.78964	30.51431	4

1948.335	1949.059	1304.559	71.78449	93.2616	70.44953	68.49654	61.73489	0.566201	37.69891	22.28092	15.41798	31.27356	6
1948.34	1949.063	1304.563	72.82279	76.45495	71.89574	70.41245	61.68561	0.227522	38.08687	18.80042	19.28645	31.63942	6
1948.345	1949.068	1304.568	72.01934	103.0553	71.12937	70.84508	55.70011	1.961869	42.33802	28.89812	13.4399	29.78364	6
1948.35	1949.072	1304.572	76.14783	108.2653	74.6769	70.6473	55.14347	1.870614	42.98592	24.52652	18.4594	30.58379	6
1948.355	1949.077	1304.577	75.34438	95.66037	73.81165	71.84629	59.41202	0.805027	39.78295	23.37559	16.40736	31.08533	6
1948.36	1949.081	1304.581	77.65584	126.7374	75.90061	71.59908	51.48917	2.733607	45.77723	17.32038	28.45685	29.8801	6
1948.365	1949.085	1304.585	83.24289	91.15313	81.90793	81.4753	51.70342	2.180389	46.11619	16.78036	29.33583	30.30137	6
1948.37	1949.09	1304.59	85.33185	100.5343	84.13286	82.31583	46.45758	3.674581	49.86784	20.14925	29.71859	29.90567	6
1948.375	1949.094	1304.594	86.64209	106.6152	85.73976	85.05992	41.48147	5.399279	53.11925	26.66803	26.45122	29.21919	6
1948.38	1949.099	1304.599	87.47026	130.5571	85.88809	83.19345	40.1944	4.951333	54.85427	35.22185	19.63242	29.22167	6
1948.385	1949.103	1304.603	89.52214	171.3208	86.80278	84.03398	37.25504	4.029555	58.71541	28.16763	30.54777	28.69866	6
1948.39	1949.108	1304.608	89.23784	170.1902	86.60501	85.13408	37.11963	4.247706	58.63266	30.75058	27.88208	28.4351	6
1948.395	1949.112	1304.612	90.75821	145.8358	89.4727	86.92639	31.17292	7.907192	60.91989	29.68504	31.23485	28.81546	6
1948.4	1949.117	1304.617	81.99445	85.82084	80.69658	79.31218	53.855	1.672873	44.47212	29.44869	15.02343	30.78766	6
1948.405	1949.121	1304.621	81.7596	55.40081	81.01796	80.26395	57.12191	1.020754	41.85734	15.95612	25.90122	31.71964	6
1948.41	1949.125	1304.625	82.85971	78.50231	81.85849	80.79546	52.53096	2.160228	45.30881	15.31091	29.9979	30.72128	6
1948.415	1949.13	1304.63	83.4283	64.46112	82.43944	81.50003	55.31003	1.387622	43.30235	15.31869	27.98366	31.40105	6
1948.42	1949.134	1304.634	79.88077	47.19611	79.64592	80.26395	56.90835	1.225484	41.86617	24.0271	17.83907	31.46701	6
1948.425	1949.139	1304.639	79.70772	51.0922	79.79424	80.04146	53.63402	2.227216	44.13877	27.13805	17.00072	30.9407	6
1948.43	1949.143	1304.643	82.66193	61.25258	82.26639	80.54825	52.19336	2.622538	45.1841	16.90338	28.28073	31.07074	6
1948.435	1949.148	1304.648	82.7361	79.12874	82.11806	80.32576	49.52342	3.229952	47.24663	19.50444	27.74219	30.43322	6
1948.44	1949.152	1304.652	80.59769	71.41296	79.86841	77.01308	54.22013	1.834267	43.9456	18.09002	25.85558	31.2779	6
1948.445	1949.156	1304.656	83.27997	83.43735	82.7979	82.7979	46.92662	4.073695	48.99969	25.26506	23.73463	29.75989	6
1948.45	1949.161	1304.661	84.57785	95.40063	83.56427	82.36528	46.95667	3.699919	49.34341	22.52185	26.82156	29.87351	6
1948.455	1949.165	1304.665	83.10692	109.0446	82.13042	80.7213	44.72071	4.351167	50.92813	18.29925	32.62888	29.36669	6
1948.46	1949.17	1304.67	84.72618	92.06985	83.99689	82.7979	45.42296	4.378165	50.19888	32.35586	17.84302	29.77039	6
1948.465	1949.174	1304.674	85.29477	118.5021	84.10814	82.94623	42.04768	4.916382	53.03594	22.37722	30.65871	29.09103	6
1948.47	1949.179	1304.679	85.83864	148.8305	83.50246	80.58533	43.11685	3.566349	53.3168	30.09339	23.22341	29.08029	6
1948.475	1949.183	1304.683	86.91403	139.6938	86.34543	86.95111	30.6398	8.856113	60.50408	35.89215	24.61194	28.05815	6
1948.48	1949.187	1304.687	87.63095	101.9399	87.04999	86.37015	39.21246	6.534698	54.25284	27.57993	26.67291	29.16502	6
1948.485	1949.192	1304.692	82.88443	60.84005	82.95859	82.98331	48.44826	4.016153	47.53559	33.72185	13.81374	30.27405	6
1948.49	1949.196	1304.696	79.29982	53.01732	79.43578	78.22443	53.16023	2.340624	44.49915	29.01488	15.48427	31.08578	6
1948.495	1949.201	1304.701	81.21573	76.53135	80.7213	80.15271	50.59277	2.943717	46.46351	23.26415	23.19936	30.2968	6
1948.5	1949.205	1304.705	83.63843	115.8895	83.73732	82.78554	34.24103	8.110504	57.64847	22.15857	35.4899	28.59184	6
1948.505	1949.21	1304.71	82.67429	77.46335	82.20459	82.21695	48.83375	3.512872	47.65338	18.01163	29.64174	30.03942	6
1948.51	1949.214	1304.714	82.36528	59.7247	81.26517	80.18979	58.29638	0.509384	41.19423	17.52868	23.66556	31.95154	6
1948.515	1949.219	1304.719	83.4901	108.2806	82.25403	80.3134	46.56476	3.66328	49.77196	27.36904	22.40292	29.68445	6
1948.52	1949.223	1304.723	84.91159	139.3576	82.29111	78.50873	48.46547	2.053427	49.4811	28.52598	20.95512	29.84242	6
1948.525	1949.227	1304.727	81.84613	86.0653	80.41228	78.24915	54.98606	1.31168	43.70226	16.51854	27.18372	31.08857	6
1948.53	1949.232	1304.732	81.73488	73.56727	80.53589	78.80539	56.29281	1.04964	42.65755	13.4587	29.19885	31.43524	6
1948.535	1949.236	1304.736	83.4283	79.60238	82.27875	80.77074	52.89119	1.956544	45.15227	19.34419	25.80808	30.87573	6
1948.54	1949.241	1304.741	84.26883	65.80565	83.67551	83.24289	51.1459	2.874087	45.98001	33.39059	12.58942	30.7009	6
1948.545	1949.245	1304.745	87.35901	164.0023	84.80034	82.57541	39.77086	3.997731	56.23141	32.74898	23.48243	28.62092	6
1948.55	1949.25	1304.75	85.17116	103.6512	84.00925	84.4048	45.56374	3.959302	50.47696	29.54115	20.9358	29.34178	6
1948.555	1949.254	1304.754	84.44188	94.28528	83.10692	81.50003	49.84237	2.640643	47.51699	27.84596	19.67103	30.30401	6
1948.56	1949.258	1304.758	82.43944	95.37007	81.27753	80.3752	50.08095	2.766728	47.15232	24.05207	23.10025	30.04168	6
1948.565	1949.263	1304.763	82.27875	71.85605	81.85849	81.85849	50.17144	3.147123	46.68144	20.38838	26.29305	30.27913	6
1948.57	1949.267	1304.767	83.29233	88.05154	82.22931	80.79546	50.30101	2.737689	46.9613	16.05519	30.90611	30.35159	6
1948.575	1949.272	1304.772	83.66315	72.26857	82.62485	81.78432	53.58774	1.832656	44.5796	30.67061	13.90899	30.99438	6
1948.58	1949.276	1304.776	83.66315	59.95388	83.09456	82.7979	52.92766	2.359497	44.71284	20.82514	23.8877	30.9925	6
1948.585	1949.281	1304.781	85.17116	88.15849	84.21939	83.32941	47.68444	3.560432	48.75513	15.83027	32.92486	30.04935	6
1948.59	1949.285	1304.785	83.7744	77.81476	83.23053	83.52719	48.31139	3.673086	48.01553	33.65306	14.36246	29.98026	6
1948.595	1949.29	1304.79	84.29355	70.08371	83.7126	82.08098	49.99207	3.208095	46.79983	25.15443	21.6454	30.69922	6
1948.6	1949.294	1304.794	83.60135	70.25177	83.03276	82.92151	50.49243	3.035128	46.47244	30.15869	16.31375	30.44284	6
1948.605	1949.298	1304.798	82.17987	81.86364	81.89557	81.63599	46.78682	4.164927	49.04825	24.31389	24.73436	29.75767	6
1948.61	1949.303	1304.803	83.44066	62.09291	83.35414	83.45302	48.87868	3.84564	47.27568	20.57136	26.70432	30.31733	6
1948.615	1949.307	1304.807	84.16994	59.75526	83.72496	84.15758	51.55152	2.880124	45.56835	18.40346	27.16489	30.68651	6
1948.62	1949.312	1304.812	87.12416	102.2761	85.97461	86.0735	44.00396	4.417304	51.57873	34.83487	16.74387	29.39274	6
1948.625	1949.316	1304.816	89.84352	164.0481	88.27371	86.29599	29.81036	7.780254	62.40938	43.85324	18.55614	28.41828	6
1948.63	1949.321	1304.821	88.03885	89.27384	86.87694	85.52962	46.40478	3.753973	49.84125	17.74588	32.09537	30.15656	6
1948.635	1949.325	1304.825	88.63217	127.5472	87.68039	85.99933	34.96826	7.27899	57.75275	37.2693	20.48345	28.84773	6
1948.64	1949.329	1304.829	94.9485	151.6418	93.1562	90.58516	29.84044	7.229091	62.93047	42.70305	20.22741	29.06147	6
1948.645	1949.334	1304.834	95.93736	96.05761	95.04739	93.16856	35.38897	8.422133	56.18889	30.71746	25.47144	29.58469	6
1948.65	1949.338	1304.838	95.49237	70.35873	95.73959	97.32176	33.20429	12.55454	54.24116	39.09096	15.15021	28.83541	6
1948.655	1949.343	1304.843	93.20564	41.98605	93.70007	94.89906	40.25836	10.15319	49.58844	23.07772	26.51072	29.63289	6
1948.66	1949.347	1304.847	89.39853	33.42994	89.63339	90.47392	47.84319	5.860428	46.29639	30.84403	15.45236	30.64245	6
1948.665	1949.352	1304.852	85.73976	30.9395	85.60379	85.57907	54.68582	2.511082	42.8031	18.50953	24.29357	31.76591	6
1948.67	1949.356	1304.856	82.17987	52.25339	81.68544	80.30103	55.58103	1.59031	42.82866	21.41592	21.41274	31.65321	8
1948.675	1949.36	1304.86	74.6769	48.3573	74.03414	73.83637	64.57616	0	35.42384	17.60251	17.82133	31.53926	8
1948.68	1949.365	1304.865	75.06008	43.69728	74.52857	74.17011	64.4892	0	35.5108	21.40258	14.10823	31.63737	8
1948.685	1949.369	1304.869	80.98087	106.8597	82.16751	80.7831	30.44116	9.42658	60.13226	31.92575	28.20651	28.69173	8
1948.69	1949.374	1304.874	82.84735	64.2625	82.88443	83.24289	47.94153	4.12507	47.9334	15.98626	31.94714	30.09426	8
1948.695	1949.378	1304.878	86.87694	82.74981	87.69275	90.09073	33.72524	9.923052	56.3517	36.2031	20.1486	28.51249	8

1948.7	1949.383	1304.883	89.32437	78.38008	89.55922	89.84352	37.03348	8.851612	54.1149	33.40239	20.71252	29.1729	8
1948.705	1949.387	1304.887	91.67291	100.1218	92.01901	91.8336	28.74918	12.26673	58.9841	39.58305	19.40105	28.76197	8
1948.71	1949.392	1304.892	94.6024	121.619	93.57646	88.27371	31.48504	8.83174	59.68322	28.10889	31.57433	29.77513	8
1948.715	1949.396	1304.896	91.37625	108.2806	90.44919	94.42935	36.91461	7.063739	56.02165	34.61537	21.40628	28.2833	8
1948.72	1949.4	1304.9	91.11667	120.4884	89.85588	106.7406	36.78563	6.407237	56.80713	36.6549	20.15223	25.76	8
1948.725	1949.405	1304.905	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1949.02	1949.668	1305.168	90.44919	161.8633	92.85954	95.73959	0	24.9817	75.0183	75.0183	0	-9999	-9999
1949.025	1949.675	1305.175	86.96347	115.0186	87.92761	86.60501	24.68705	12.70518	62.60777	33.35341	29.25436	28.76861	-9999
1949.03	1949.681	1305.181	81.26517	75.9202	82.52597	85.02283	37.0922	7.694875	55.21293	23.41335	31.79958	28.6049	-9999
1949.035	1949.687	1305.187	74.63982	55.69111	75.62868	77.69292	50.19046	2.797304	47.01223	28.65406	18.35817	29.83652	8
1949.04	1949.693	1305.193	73.81165	117.5548	74.59038	79.1144	37.60988	6.283695	56.10642	22.86807	33.23835	27.18706	8
1949.045	1949.7	1305.2	71.25298	111.642	71.3395	68.89208	46.75934	3.977445	49.26322	34.63489	14.62832	28.9425	8
1949.05	1949.706	1305.206	73.49027	79.41904	72.99584	75.72756	57.00137	1.287326	41.7113	20.2917	21.4196	30.04526	8
1949.055	1949.712	1305.212	76.77823	81.39	76.61754	76.96364	50.913	2.822348	46.26466	29.11834	17.14632	29.81481	8
1949.06	1949.718	1305.218	81.66072	66.05011	82.62485	85.17116	41.41595	6.385753	52.19829	28.01292	24.18537	29.00675	8
1949.065	1949.725	1305.225	84.68909	65.16394	85.87572	85.75212	37.11997	8.69275	54.18728	27.5957	26.59157	29.31535	8
1949.07	1949.731	1305.231	87.09944	62.12347	87.04999	86.17238	45.21782	5.516329	49.26585	20.72054	28.54531	30.2224	8
1949.075	1949.737	1305.237	87.90288	56.01196	88.38495	86.30835	41.83842	7.484997	50.67658	30.26621	20.41037	30.19425	8
1949.08	1949.743	1305.243	82.52597	124.1247	81.98209	77.6064	38.25294	6.410476	55.33658	33.44213	21.89445	29.17303	4
1949.085	1949.75	1305.25	73.26778	66.66126	73.03292	72.37781	58.28174	0.838933	40.87933	13.78302	27.09631	31.14055	4
1949.09	1949.756	1305.256	75.51743	71.07683	75.13425	74.24428	56.29304	1.36106	42.3459	13.29949	29.04642	30.91335	4
1949.095	1949.762	1305.262	74.08359	69.1517	73.87345	73.30486	56.73691	1.233277	42.02981	11.70256	30.32724	30.87574	4
1949.1	1949.768	1305.268	75.3691	59.23578	74.97356	73.25542	59.39083	0.50397	40.1052	25.18529	14.91991	31.81318	4
1949.105	1949.775	1305.275	77.43334	61.39009	77.34682	74.07123	54.57549	1.812253	43.61226	27.29274	16.31952	31.40724	4
1949.11	1949.781	1305.281	73.76221	51.35194	73.73749	73.14417	59.90319	0.297179	39.79963	16.21639	23.58324	31.76769	4
1949.115	1949.787	1305.287	71.54964	59.05244	71.15409	72.22948	62.94911	0	37.05089	19.82792	17.22297	31.30321	4
1949.12	1949.793	1305.293	72.45197	71.3824	72.32836	71.61144	57.0276	1.173614	41.79878	14.16516	27.63363	30.79937	4
1949.125	1949.8	1305.3	74.6769	76.82164	74.42969	74.81287	54.62233	1.818063	43.55961	26.13032	17.4293	30.25987	4
1949.13	1949.806	1305.306	76.93892	60.62615	76.95128	78.0761	54.44887	1.834524	43.7166	23.46887	20.24773	30.56439	4
1949.135	1949.812	1305.312	78.54581	80.28992	79.52231	78.33568	40.73983	5.945424	53.31474	30.84279	22.47195	29.30541	4
1949.14	1949.818	1305.318	79.55939	62.76518	79.0526	78.38512	55.54381	1.525723	42.93047	16.06801	26.86246	31.16786	4
1949.145	1949.825	1305.325	83.21817	49.31986	83.18108	82.21695	51.79127	3.043868	45.16487	33.15347	12.01139	31.09031	4
1949.15	1949.831	1305.331	86.93875	31.00062	86.97583	86.37015	52.22682	3.647602	44.12558	24.12823	19.99735	31.51061	4
1949.155	1949.837	1305.337	82.87207	38.16636	83.26761	83.05748	51.45598	3.421552	45.12247	16.82097	28.3015	31.06597	4
1949.16	1949.843	1305.343	80.46172	38.97614	80.41228	80.84491	56.92617	1.320785	41.75304	12.36392	29.38912	31.67823	4
1949.165	1949.85	1305.35	76.24671	82.84148	75.86353	78.43456	52.77505	2.324644	44.90031	19.32204	25.57826	29.57417	8
1949.17	1949.856	1305.356	77.33446	92.39071	77.70528	77.58167	43.61988	4.887139	51.49298	27.12859	24.36439	29.01263	8
1949.175	1949.862	1305.362	80.68422	93.12409	81.21573	80.73366	39.11528	6.575504	54.30922	19.26714	35.04208	28.93622	8
1949.18	1949.868	1305.368	82.67429	63.6819	83.87329	85.61615	39.23645	7.452122	53.31143	37.63812	15.67331	29.07424	8
1949.185	1949.875	1305.375	79.4605	69.80869	79.21329	78.17499	51.91855	2.596451	45.485	15.69678	29.78822	30.57269	8
1949.19	1949.881	1305.381	79.90549	82.29144	80.90671	83.40358	38.81297	6.745091	54.44194	22.01221	32.42972	28.53335	8
1949.195	1949.887	1305.387	73.62624	92.7574	72.89696	70.73383	55.46851	1.799401	42.73209	30.63923	12.09285	30.43389	8
1949.2	1949.894	1305.394	69.11457	60.5192	69.12693	67.60656	61.67315	0	38.32685	19.7968	18.53005	31.71823	8
1949.205	1949.9	1305.4	72.99584	45.27099	72.81043	72.93404	63.32518	0	36.67482	22.47642	14.1984	31.55701	8
1949.21	1949.906	1305.406	80.95615	34.20916	80.54825	79.86841	60.40298	0.234846	39.36217	11.73637	27.6258	32.62904	8
1949.215	1949.912	1305.412	72.45197	39.34283	72.61266	73.11945	62.57788	0	37.42212	7.144619	30.2775	31.5482	8
1949.22	1949.919	1305.419	66.59298	51.24499	65.69065	64.23208	73.32625	0	26.67375	21.22039	5.453358	31.18372	8
1949.225	1949.925	1305.425	68.39765	50.23659	67.65601	65.95023	70.66465	0	29.33535	20.66718	8.668171	31.23228	8
1949.23	1949.931	1305.431	67.16158	61.17619	66.33341	64.23208	69.82502	0	30.17498	8.47444	21.70054	31.3995	8
1949.235	1949.937	1305.437	67.21102	49.96157	66.29633	65.95023	73.16404	0	26.83596	10.56205	16.27391	30.97089	8
1949.24	1949.944	1305.444	69.8933	60.25946	69.27526	67.89086	65.90516	0	34.09484	6.228804	27.86604	31.45472	8
1949.245	1949.95	1305.45	72.27892	78.71621	71.16645	70.69675	63.07568	0	36.92432	11.41718	25.50714	31.61155	4
1949.25	1949.956	1305.456	72.2542	59.23578	71.562	70.37537	64.55564	0	35.44436	23.98488	11.45948	31.59877	4
1949.255	1949.962	1305.462	72.74863	51.73391	71.75977	71.16645	68.21531	0	31.78469	7.662742	24.12195	31.20832	4
1949.26	1949.969	1305.469	74.83759	64.95004	74.19483	74.05887	60.41288	0.305191	39.28193	23.57981	15.70211	31.54371	4
1949.265	1949.975	1305.475	76.92655	54.34658	77.11197	77.13669	54.63876	1.780847	43.58039	21.64136	21.93903	30.91879	4
1949.27	1949.981	1305.481	77.22321	50.31298	76.88947	77.06252	59.36539	0.471714	40.1629	28.78026	11.38264	31.75436	4
1949.275	1949.987	1305.487	75.27022	54.46881	74.77579	73.51499	61.40178	0	38.59822	14.65789	23.94034	32.14127	4
1949.28	1949.994	1305.494	75.39382	57.63151	74.86231	74.08359	60.81007	0.136806	39.05312	17.0229	22.03022	31.92675	4
1949.285	1950	1305.5	76.01186	70.25177	74.51621	71.53728	64.65943	0	35.34057	14.74791	20.59266	31.8088	4
1949.29	1950.006	1305.506	86.06114	50.69495	85.99933	83.19345	49.03456	4.231424	46.73402	22.18777	24.54625	31.15247	4
1949.295	1950.012	1305.512	90.23906	49.47265	90.56044	89.75699	42.51699	7.808244	49.67476	30.77313	18.90164	30.14497	4
1949.3	1950.019	1305.519	88.64453	28.281	88.44676	87.76692	53.13576	3.411582	43.45265	30.13371	13.31894	31.77343	4
1949.305	1950.025	1305.525	81.37642	104.4457	83.41594	82.22931	24.05156	11.94982	63.99862	48.25961	15.73901	28.86259	4
1949.31	1950.031	1305.531	69.22582	44.53761	68.44709	67.58184	71.56927	0	28.43073	7.003145	21.42758	31.04352	4
1949.315	1950.037	1305.537	68.1628	40.35123	68.26168	67.55712	66.75887	0	33.24113	13.74331	19.49783	31.01254	4
1949.32	1950.044	1305.544	66.59298	38.54833	66.07383	66.98853	73.42918	0	26.57082	4.848056	21.72277	30.55592	4
1949.325	1950.05	1305.55	71.93282	59.64831	71.31478	71.01813	64.1767	0	35.8233	22.6991	13.1242	31.45726	4
1949.33	1950.056	1305.556	72.57558	56.59256	71.63616	70.5855	66.81554	0	33.18446	19.79243	13.39202	31.38958	4
1949.335	1950.062	1305.562	73.42847	44.35426	72.95876	72.89696	65.35231	0	34.64769	10.03949	24.60819	31.39648	4
1949.34	1950.069	1305.569	74.72634	41.90966	74.93648	74.70162	59.4811	0.352656	40.16625	28.22582	11.94042	31.88207	4
1949.345	1950.075	1305.575	74.77579	44.26259	74.269	74.21955	64.42235	0	35.57765	24.36035	11.2173	31.56552	4
1949.35	1950.081	1305.581	76.29616	83.5443	74.92412	74.47913	60.22313	0.412812	39.36406	13.75503	25.60903	31.27136	4

1949.355	1950.087	1305.587	74.94884	52.71175	74.00942	72.77335	65.5713	0	34.4287	12.75026	21.67845	31.57012	4
1949.36	1950.094	1305.594	79.00316	54.52992	78.55817	78.31096	57.5695	0.96866	41.46184	17.42713	24.03471	31.54185	2
1949.365	1950.1	1305.6	83.58899	40.76375	83.46538	82.30347	54.19126	2.352287	43.45645	16.45504	27.00141	31.64203	2
1949.37	1950.106	1305.606	81.1292	60.71782	80.38756	79.50995	56.41516	1.215786	42.36905	11.9447	30.42435	31.47961	2
1949.375	1950.112	1305.612	76.92655	35.82871	77.16141	78.12555	58.7369	0.63827	40.62483	12.71673	27.9081	31.77052	2
1949.38	1950.119	1305.619	73.78693	38.54833	73.55208	73.78693	64.60745	0	35.39255	25.5839	9.808657	31.47967	2
1949.385	1950.125	1305.625	74.30608	39.61784	74.02178	71.92046	64.25419	0	35.74581	8.279996	27.46582	31.98159	2
1949.39	1950.131	1305.631	76.29616	27.68513	76.0613	76.38268	64.92785	0	35.07215	23.42222	11.64993	31.72044	2
1949.395	1950.137	1305.637	72.93404	90.0225	72.52613	68.36057	54.2765	2.044263	43.67924	26.53782	17.14142	30.65197	2
1949.4	1950.144	1305.644	67.75489	39.77063	67.30991	65.61649	71.48965	0	28.51035	7.959505	20.55085	31.08164	2
1949.405	1950.15	1305.65	69.05277	27.21149	69.11457	67.71781	69.40729	0	30.59271	14.20668	16.38603	31.03259	2
1949.41	1950.156	1305.656	70.02927	41.81799	70.37537	69.08985	62.77084	0	37.22916	24.94525	12.28391	31.58051	2
1949.415	1950.163	1305.663	70.3012	70.14482	71.3395	71.36423	50.30101	2.480648	47.21834	24.688	22.53034	29.70676	9
1949.42	1950.169	1305.669	71.2159	69.82397	71.51255	73.31722	55.28488	1.489194	43.22593	22.11405	21.11187	30.03966	9
1949.425	1950.175	1305.675	73.37903	74.74373	73.74985	74.81287	51.52944	2.502536	45.96802	25.95108	20.01694	29.70448	9
1949.43	1950.181	1305.681	75.62868	85.37775	75.80173	77.47043	48.41906	3.466269	48.11467	31.09262	17.02205	29.1475	9
1949.435	1950.188	1305.688	80.0291	65.66814	80.22687	81.10448	48.94881	3.602083	47.44911	33.6301	13.819	29.95377	9
1949.44	1950.194	1305.694	82.14278	70.374	83.0822	84.29355	40.11766	6.847486	53.03485	18.67304	34.36182	29.10585	9
1949.445	1950.2	1305.7	85.07228	63.7583	85.62851	86.98819	41.99319	6.709071	51.29774	24.02587	27.27187	29.3974	9
1949.45	1950.206	1305.706	85.49254	57.96765	85.61615	84.23175	46.36073	5.087851	48.55141	22.31228	26.23914	30.43302	9
1949.455	1950.213	1305.713	87.18596	57.50928	87.29721	87.44554	45.00951	5.822978	49.16751	35.58754	13.57997	30.06633	9
1949.46	1950.219	1305.719	83.86093	82.81092	84.30591	84.8127	39.35906	7.036873	53.60407	21.6819	31.92217	29.04817	9
1949.465	1950.225	1305.725	84.29355	75.52295	84.63965	83.67551	41.4911	6.438224	52.07068	35.64486	16.42582	29.59183	9
1949.47	1950.231	1305.731	81.51239	77.78421	81.52475	80.10326	46.08903	4.468061	49.44291	15.99808	33.44483	29.92848	5
1949.475	1950.238	1305.738	85.097	61.16091	84.33063	81.68544	52.84915	2.29165	44.8592	27.89558	16.96361	31.47156	5
1949.48	1950.244	1305.744	85.7274	66.29457	85.99933	86.17238	42.98	6.25819	50.76181	25.12331	25.63849	29.68939	5
1949.485	1950.25	1305.75	82.81026	142.7648	85.96225	90.67169	4.83758	19.14875	76.01367	74.04901	1.964662	-9999	5
1949.49	1950.256	1305.756	76.32088	177.7532	76.16019	72.57558	28.01386	9.206396	62.77974	34.71863	28.06111	27.6217	5
1949.495	1950.263	1305.763	65.91314	42.76527	65.52996	63.77474	71.98038	0	28.01962	15.35079	12.66883	31.0297	5
1949.5	1950.269	1305.769	65.43107	52.55896	65.1715	65.06025	69.09585	0	30.90415	20.52001	10.38414	30.80066	5
1949.505	1950.275	1305.775	64.96137	62.59711	64.57818	65.20858	68.05671	0	31.94329	24.47306	7.470231	30.79699	5
1949.51	1950.281	1305.781	64.12084	51.76447	63.97251	63.39155	69.63138	0	30.36862	8.741596	21.62703	30.78367	5
1949.515	1950.288	1305.788	65.20858	51.93253	64.8254	63.28031	70.4101	0	29.5899	17.19872	12.39118	31.06082	5
1949.52	1950.294	1305.794	68.9786	75.1257	68.13807	66.44465	64.87337	0	35.12663	16.11841	19.00822	31.64928	5
1949.525	1950.3	1305.8	74.51621	70.57263	74.42969	73.09473	55.03708	1.662765	43.30016	19.58483	23.71533	30.75577	5
1949.53	1950.306	1305.806	76.88947	93.23104	76.22199	74.29372	51.87274	2.586475	45.54079	29.12556	16.41523	30.1121	5
1949.535	1950.313	1305.813	75.51743	67.63911	77.17377	77.97722	41.31868	5.347846	53.33347	24.38467	28.94881	29.11164	5
1949.54	1950.319	1305.819	74.03414	142.5203	76.25908	85.31949	20.15544	10.93977	68.90479	53.39568	15.50911	26.43159	5
1949.545	1950.325	1305.825	71.25298	156.4851	68.89208	70.18996	54.87483	3.260341	41.86483	26.53369	15.33114	28.0558	5
1949.55	1950.331	1305.831	71.01813	137.0505	68.31113	75.57924	62.47634	1.452682	36.07097	9.868546	26.20243	28.59422	5
1949.555	1950.338	1305.838	68.73139	108.8918	66.37049	69.49776	68.71228	0	31.28772	15.82557	15.46215	31.06179	5
1949.56	1950.344	1305.844	66.4941	62.50544	65.69065	64.73887	69.92583	0	30.07417	23.35058	6.723586	31.18168	5
1949.565	1950.35	1305.85	67.84142	34.59113	67.80434	68.23696	69.50223	0	30.49777	11.13314	19.36463	30.64448	5
1949.57	1950.356	1305.856	66.13564	49.83934	66.88964	69.94274	61.25056	0	38.74944	23.05819	15.69125	30.44617	5
1949.575	1950.363	1305.863	63.96015	44.79735	63.88598	64.00959	70.89048	0	29.10952	23.94333	5.166189	30.54116	5
1949.58	1950.369	1305.869	66.74131	46.53913	66.43229	67.13686	69.73042	0	30.26958	14.0378	16.23179	30.65252	5
1949.585	1950.375	1305.875	65.25802	48.3573	65.15914	63.47808	69.02652	0	30.97348	17.22138	13.7521	31.00511	5
1949.59	1950.381	1305.881	66.82784	89.74748	67.39643	67.13686	52.3929	2.253568	45.35353	25.06064	20.2929	29.33374	5
1949.595	1950.388	1305.888	67.70545	87.97515	69.52248	71.14173	42.33904	4.118344	53.54262	25.12256	28.42006	28.275	5
1949.6	1950.394	1305.894	71.41367	46.76831	71.43839	73.16889	62.7899	0	37.2101	10.30285	26.90725	31.17643	5
1949.605	1950.4	1305.9	70.91924	48.83094	71.01813	70.90688	62.17085	0	37.82915	25.64174	12.18741	31.53267	5
1949.61	1950.407	1305.907	69.47303	50.25187	69.47303	69.37415	63.92386	0	36.07614	25.75406	10.32208	31.24759	5
1949.615	1950.413	1305.913	71.11701	38.68584	72.08115	74.03414	57.73831	0.471065	41.79062	18.1161	23.67452	31.07373	5
1949.62	1950.419	1305.919	69.41123	48.26563	69.96746	70.75855	60.15058	0.013284	39.83613	10.94157	28.89456	31.37264	5
1949.625	1950.425	1305.925	72.40253	68.67806	72.03171	72.93404	59.64345	0.561791	39.79475	21.34134	18.45342	30.97386	5
1949.63	1950.432	1305.932	73.89818	87.25704	73.93526	74.08359	50.61009	2.867921	46.52199	21.25105	25.27094	29.52261	5
1949.635	1950.438	1305.938	71.87102	58.34961	72.6621	73.2925	53.62714	1.721713	44.65115	22.74977	21.90138	30.32503	5
1949.64	1950.444	1305.944	71.36423	47.77671	72.05643	72.6621	57.41839	0.696345	41.88526	24.29443	17.59083	31.07969	5
1949.645	1950.45	1305.95	70.65966	32.46738	71.12937	71.9699	63.49577	0	36.50423	17.87059	18.63364	31.17844	5
1949.65	1950.457	1305.957	66.81548	45.86686	67.13686	67.85378	64.93929	0	35.06071	6.690918	28.36979	30.73212	5
1949.655	1950.463	1305.963	68.06391	83.89571	66.81548	65.74009	66.7538	0	33.2462	6.158831	27.08737	31.55346	5
1949.66	1950.469	1305.969	69.79441	108.7543	69.04041	67.33463	55.31414	2.226433	42.45942	12.9821	29.47733	29.69142	5
1949.665	1950.475	1305.975	70.22704	141.1758	68.08863	63.60169	57.79923	2.497742	39.70303	17.07469	22.62834	29.81493	5
1949.67	1950.482	1305.982	72.56322	241.4809	73.09473	70.80799	10.68424	13.82315	75.49261	67.00283	8.489777	27.57618	5
1949.675	1950.488	1305.988	75.86353	182.5202	77.6064	76.04894	12.52848	13.44758	74.02394	47.65275	26.37119	28.52774	5
1949.68	1950.494	1305.994	75.80173	151.8251	75.81409	76.79059	33.42494	7.673062	58.902	31.9758	26.92621	27.17118	5
1949.685	1950.5	1306	80.10326	101.1913	80.3752	81.71016	39.7092	6.215559	54.07524	34.17004	19.9052	28.4585	5
1949.69	1950.507	1306.007	75.76465	126.2179	75.57924	74.94884	41.18873	5.535218	53.27605	23.07533	30.20072	28.1833	5
1949.695	1950.513	1306.013	74.31844	159.1284	75.50507	75.96242	23.92159	10.06104	66.01737	34.06366	31.95371	27.38104	5
1949.7	1950.519	1306.019	64.59055	128.8917	62.7488	62.03187	63.65847	1.742212	34.59932	27.35814	7.241183	29.94097	8
1949.705	1950.525	1306.025	65.91314	153.628	62.08132	59.91819	71.87859	1.342493	26.77892	20.00011	6.778813	31.4202	8
1949.71	1950.532	1306.032	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1950.02	1950.919	1306.419	75.29494	27.91431	75.70284	76.25908	60.81214	0	39.18786	22.88282	16.30504	32.2425	-9999

1950.025	1950.926	1306.426	73.20597	28.51018	72.74863	71.42603	69.29548	0	30.70452	15.2668	15.43773	31.32776	-9999
1950.03	1950.932	1306.432	71.50019	32.40627	70.68439	68.23696	72.70002	0	27.29998	15.53106	11.76892	31.3029	-9999
1950.035	1950.938	1306.438	74.34316	46.8447	74.73871	75.50507	57.20241	0.93647	41.86112	16.99575	24.86537	31.18556	-9999
1950.04	1950.945	1306.445	78.18735	57.18843	78.4222	80.59769	52.40792	2.484771	45.10731	23.1567	21.9506	30.20822	-9999
1950.045	1950.951	1306.451	79.42342	57.86069	79.08968	77.42098	55.51465	1.571424	42.91393	16.77324	26.14069	31.42245	-9999
1950.05	1950.957	1306.457	86.37015	106.9055	85.25769	84.30591	43.28993	4.646556	52.06352	28.1429	23.92061	29.38796	-9999
1950.055	1950.963	1306.463	89.29965	134.1017	88.17482	84.59021	34.10911	7.292295	58.5986	27.03627	31.56233	29.11454	-9999
1950.06	1950.97	1306.47	97.51953	154.1169	96.59248	93.70007	20.17041	12.94604	66.88356	42.75392	24.12964	29.17604	-9999
1950.065	1950.976	1306.476	98.21173	208.7232	99.92988	104.0707	0	33.8229	66.1771	66.1771	0	-9999	-9999
1950.07	1950.982	1306.482	88.13774	247.8063	84.10814	75.23313	30.17354	4.993937	64.83253	30.83669	33.99583	28.3703	-9999
1950.075	1950.988	1306.488	83.66315	167.4247	82.35292	74.29372	32.66745	7.483895	59.84865	36.88015	22.9685	29.03697	-9999
1950.08	1950.995	1306.495	78.31096	105.1638	76.87711	73.44083	53.61659	2.033395	44.35002	19.31725	25.03276	30.47206	-9999
1950.085	1951.001	1306.501	75.3691	109.5029	73.68804	70.56078	57.18893	1.470181	41.34089	28.34186	12.99903	30.61924	-9999
1950.09	1951.007	1306.507	74.44205	87.77652	72.64974	70.9934	64.16177	0	35.83823	18.10086	17.73737	31.60569	-9999
1950.095	1951.013	1306.513	76.77823	77.67726	75.66576	75.72756	59.18775	0.604832	40.20742	10.69063	29.51679	31.14535	-9999
1950.1	1951.02	1306.52	77.35918	162.3675	74.14539	70.46189	54.4435	2.277004	43.2795	26.41944	16.86005	29.35228	-9999
1950.105	1951.026	1306.526	85.7274	85.45415	85.88809	86.91403	39.20555	7.176192	53.61826	38.17338	15.44488	28.96415	-9999
1950.11	1951.032	1306.532	86.85222	56.43977	86.62973	86.96347	48.16185	4.411405	47.42674	32.21758	15.20916	30.40646	-9999
1950.115	1951.038	1306.538	86.83986	60.07612	87.06235	88.1501	43.84459	6.221444	49.93397	33.94506	15.98891	29.71695	-9999
1950.12	1951.045	1306.545	88.82994	59.14411	88.80522	89.02771	44.15517	6.253984	49.59084	34.61052	14.98032	29.98963	-9999
1950.125	1951.051	1306.551	85.23297	51.65751	84.93631	83.60135	51.38365	3.181298	45.43505	18.88642	26.54864	31.14971	-9999
1950.13	1951.057	1306.557	88.37259	75.50767	87.93997	88.29843	43.77721	5.5905	50.63229	32.92971	17.70258	29.71895	-9999
1950.135	1951.063	1306.563	98.55783	153.5975	98.03868	94.1945	16.17963	15.96641	67.85396	51.26752	16.58645	29.48011	-9999
1950.14	1951.07	1306.57	102.2413	115.7978	102.847	104.8247	13.22092	24.75579	62.02329	36.03471	25.98858	28.25868	-9999
1950.145	1951.076	1306.576	103.4527	68.32665	103.3414	104.3427	29.15064	17.23214	53.61722	22.72032	30.8969	28.59348	-9999
1950.15	1951.082	1306.582	86.69153	149.8389	85.13408	81.15393	36.05304	6.17484	57.77212	39.16633	18.6058	28.87181	-9999
1950.155	1951.088	1306.588	78.6447	156.9741	77.18613	75.04772	40.96305	5.52612	53.51084	18.21902	35.29181	28.01117	-9999
1950.16	1951.095	1306.595	71.6238	79.90796	70.75855	70.00455	61.47407	0.37957	38.14636	28.0633	10.08306	31.28504	-9999
1950.165	1951.101	1306.601	66.54354	64.81253	64.18264	63.65113	81.39228	0	18.60772	16.29505	2.312671	31.79405	-9999
1950.17	1951.107	1306.607	49.53517	43.13196	48.50923	46.19778	91.94075	0	8.059255	8.059255	0	33.36595	-9999
1950.175	1951.113	1306.613	50.85777	108.9223	48.81825	45.9382	82.65793	0	17.34207	17.34207	0	34.06954	-9999
1950.18	1951.12	1306.62	74.80051	128.525	73.40375	71.41367	50.90539	3.204584	45.89002	22.94817	22.94186	29.10432	-9999
1950.185	1951.126	1306.626	89.11424	205.1327	88.59509	85.93753	12.3962	14.3271	73.2767	63.38555	9.891158	28.85254	-9999
1950.19	1951.132	1306.632	92.71121	174.7127	94.20686	95.0103	0.833936	23.71775	75.44831	75.44831	0	-9999	-9999
1950.195	1951.138	1306.638	77.50751	182.8869	76.44449	73.58916	32.6729	7.934919	59.39218	37.38141	22.01077	27.34533	-9999
1950.2	1951.145	1306.645	71.562	204.0021	68.64486	64.89956	47.40223	5.677425	46.92035	16.7662	30.15414	27.08028	-9999
1950.205	1951.151	1306.651	68.855	327.9282	69.52248	58.54615	0	18.92472	81.07528	81.07528	0	-9999	-9999
1950.21	1951.157	1306.657	70.06635	123.0246	69.29998	68.79319	51.70633	3.211037	45.08264	13.98053	31.10211	28.701	-9999
1950.215	1951.163	1306.663	71.6238	89.04466	71.19118	73.5768	55.91014	1.686749	42.40311	17.53423	24.86888	29.59682	-9999
1950.22	1951.17	1306.67	71.63616	79.55654	71.562	73.18125	55.41682	1.632446	42.95073	14.65286	28.29787	29.88627	-9999
1950.225	1951.176	1306.676	79.02788	142.9023	78.12555	75.6534	39.70507	5.884715	54.41021	38.39183	16.01838	28.31468	-9999
1950.23	1951.182	1306.682	76.29616	113.781	76.67934	79.62119	39.30287	6.020747	54.67638	28.22701	26.44937	27.71699	-9999
1950.235	1951.189	1306.689	74.73871	94.39223	74.30608	74.55329	51.75032	2.66726	45.58242	17.73197	27.85045	29.52596	-9999
1950.24	1951.195	1306.695	80.25159	65.14867	80.14035	80.80782	51.26472	2.861295	45.87399	25.25644	20.61755	30.28854	-9999
1950.245	1951.201	1306.701	83.11928	102.5053	83.35414	87.14888	36.90387	7.396297	55.69983	21.34099	34.35884	27.9741	-9999
1950.25	1951.207	1306.707	81.56183	107.257	81.10448	79.86841	42.55137	5.216667	52.23196	32.1667	20.06526	29.07258	-9999
1950.255	1951.214	1306.714	74.3308	74.1937	74.54093	73.89818	52.03226	2.423657	45.54408	13.35227	32.19181	30.13345	-9999
1950.26	1951.22	1306.72	75.27022	78.62454	74.97356	75.83881	54.02336	1.982756	43.99389	14.71143	29.28246	30.07284	-9999
1950.265	1951.226	1306.726	75.92534	56.79118	76.24671	76.30852	53.91454	1.928878	44.15658	12.97932	31.17727	30.69723	-9999
1950.27	1951.232	1306.732	87.64331	74.33121	87.77928	87.28485	40.32625	7.279756	52.39399	31.86957	20.52442	29.53629	-9999
1950.275	1951.239	1306.739	90.7953	234.743	92.11789	90.69641	0	25.15135	74.84865	74.84865	0	-9999	-9999
1950.28	1951.245	1306.745	83.44066	143.5746	83.41594	82.99567	28.68114	9.529099	61.78977	40.80207	20.98769	28.00612	-9999
1950.285	1951.251	1306.751	74.72634	104.7665	74.54093	73.81165	47.3352	3.833512	48.83129	16.77595	32.05533	29.01843	-9999
1950.29	1951.257	1306.757	72.22948	59.25106	71.88338	71.15409	61.8924	0	38.1076	21.71296	16.39464	31.77555	-9999
1950.295	1951.264	1306.764	73.79929	126.3554	73.89818	75.55451	40.76028	5.59649	53.64323	23.99713	29.64611	27.61867	-9999
1950.3	1951.27	1306.77	86.18474	135.4768	85.1588	85.31949	35.87568	6.805045	57.31927	29.10085	28.21842	28.26725	-9999
1950.305	1951.276	1306.776	80.84491	110.1141	81.19101	82.71138	36.2928	7.293745	56.41345	25.15456	31.25889	28.15045	-9999
1950.31	1951.282	1306.782	82.37764	115.1866	81.61127	78.7065	42.27674	5.154851	52.56841	22.9195	29.64891	29.27181	-9999
1950.315	1951.289	1306.789	80.46172	110.8933	81.64835	81.03032	29.94265	9.437141	60.62021	38.56532	22.05489	28.45628	-9999
1950.32	1951.295	1306.795	82.42708	35.15644	82.22931	82.01918	57.19196	1.336646	41.4714	27.0157	14.45569	31.9963	-9999
1950.325	1951.301	1306.801	85.33185	37.90662	85.54198	85.82628	50.69277	3.945765	45.36147	21.64724	23.71423	30.94829	-9999
1950.33	1951.307	1306.807	88.92883	87.48622	88.70633	88.52092	38.73814	7.448173	53.81369	28.51898	25.29471	29.25292	-9999
1950.335	1951.314	1306.814	86.79042	113.017	86.39488	84.35535	35.86815	7.60417	56.52768	36.80156	19.72612	29.01699	-9999
1950.34	1951.32	1306.82	79.17621	280.5335	78.43456	78.15027	5.016532	15.57726	79.40621	79.40621	0	-9999	2
1950.345	1951.326	1306.826	73.68804	117.0048	73.99706	73.78693	41.49695	5.325233	53.17782	30.46118	22.71664	28.1935	2
1950.35	1951.332	1306.832	72.93404	130.6335	71.58672	70.35065	51.72911	3.202814	45.06807	20.00628	25.06179	28.86785	2
1950.355	1951.339	1306.839	68.29876	145.9275	66.67951	60.57331	54.39991	3.389271	42.21082	27.24209	14.96873	29.36479	2
1950.36	1951.345	1306.845	67.1245	56.10364	66.44465	64.04667	69.93715	0	30.06285	6.804591	23.25826	31.37031	2
1950.365	1951.351	1306.851	67.90322	40.84015	68.31113	69.49776	64.48446	0	35.51554	10.11313	25.40241	30.731	2
1950.37	1951.357	1306.857	70.43717	49.97685	71.11701	71.94518	57.83464	0.577154	41.5882	19.6851	21.9031	30.9967	2
1950.375	1951.364	1306.864	71.29006	79.22041	71.20354	73.58916	55.91237	1.516671	42.57096	25.90816	16.66279	29.79967	2
1950.38	1951.37	1306.87	73.28014	64.14027	72.84751	71.64852	60.41318	0.323119	39.26371	25.66747	13.59624	31.6444	2
1950.385	1951.376	1306.876	74.39261	51.29082	73.94762	71.3395	62.59507	0	37.40493	11.14744	26.25749	32.19131	2

1950.39	1951.382	1306.882	72.63738	73.62838	72.95876	72.18003	52.86485	2.141343	44.9938	19.50499	25.48881	30.18022	2
1950.395	1951.389	1306.889	70.53606	55.56888	70.33829	68.84264	63.19189	0	36.80811	7.837808	28.9703	31.66669	2
1950.4	1951.395	1306.895	69.59664	47.62392	69.75733	69.42359	63.20076	0	36.79924	9.626715	27.17253	31.33374	2
1950.405	1951.401	1306.901	74.6769	81.16081	74.21955	71.14173	55.20077	1.714454	43.08477	24.59097	18.49381	30.87349	2
1950.41	1951.407	1306.907	72.73627	63.45272	71.78449	69.04041	65.10334	0	34.89666	13.17737	21.71929	31.8296	2
1950.415	1951.414	1306.914	71.6856	58.27322	70.06635	68.23696	72.49636	0	27.50364	18.8763	8.627341	31.27112	2
1950.42	1951.42	1306.92	74.23192	37.12741	74.02178	74.0465	64.35033	0	35.64967	22.46374	13.18593	31.58146	2
1950.425	1951.426	1306.926	71.06757	45.46961	70.14051	69.46067	70.79887	0	29.20113	8.690948	20.51019	31.0586	2
1950.43	1951.432	1306.932	68.05155	45.60712	68.11335	68.42237	65.87667	0	34.12333	23.52689	10.59644	30.88645	2
1950.435	1951.439	1306.939	62.51394	31.24508	62.1184	61.27787	77.99133	0	22.00867	16.61019	5.398482	30.78188	2
1950.44	1951.445	1306.945	64.31861	36.74544	64.30625	63.04545	72.03028	0	27.96972	10.91692	17.0528	30.70494	2
1950.445	1951.451	1306.951	57.87867	53.26178	57.35952	51.68594	77.88569	0	22.11431	17.87561	4.238695	31.9727	2
1950.45	1951.458	1306.958	50.41279	70.81709	48.43507	46.8529	91.80981	0	8.190192	5.220835	2.969357	34.40239	9
1950.455	1951.464	1306.964	63.31739	65.75982	62.22965	58.84281	74.26414	0	25.73586	15.29534	10.44051	31.76966	9
1950.46	1951.47	1306.97	62.71171	76.76053	62.68699	61.17898	63.92077	0	36.07923	18.82443	17.25481	31.28567	9
1950.465	1951.476	1306.976	67.11213	75.43128	68.33585	71.72269	50.5187	2.248723	47.23258	18.92314	28.30944	28.81365	9
1950.47	1951.483	1306.983	66.08619	85.31664	67.28518	70.83271	49.2619	2.625284	48.11282	30.54145	17.57137	28.37045	9
1950.475	1951.489	1306.989	67.98975	63.84997	68.58306	70.63494	57.39955	0.791437	41.80901	19.82972	21.9793	30.24362	9
1950.48	1951.495	1306.995	69.85622	91.50454	70.10343	72.22948	51.67227	2.56309	45.76464	22.11473	23.64991	28.93706	9
1950.485	1951.501	1307.001	72.2542	93.16993	72.72391	75.77701	47.33878	3.61966	49.04156	18.96212	30.07944	28.43251	9
1950.49	1951.508	1307.008	80.49881	93.82691	81.21573	80.73366	37.67884	7.037939	55.28322	24.38528	30.89794	28.83732	9
1950.495	1951.514	1307.014	80.91907	85.75972	81.51239	81.25281	40.20241	6.343117	53.45447	23.76603	29.68844	29.07603	9
1950.5	1951.52	1307.02	86.33307	93.73524	87.08708	84.24411	32.04611	10.1125	57.84139	38.48865	19.35274	29.26794	9
1950.505	1951.526	1307.026	88.13774	79.32736	88.02649	89.17604	40.57822	6.942657	52.47912	18.43101	34.04811	29.21034	9
1950.51	1951.533	1307.033	86.33307	98.0133	85.97461	84.44188	39.63243	6.536275	53.83129	28.64197	25.18932	29.31613	9
1950.515	1951.539	1307.039	92.05609	120.3203	91.16612	88.8423	33.08817	8.306814	58.60501	34.41852	24.18649	29.14136	9
1950.52	1951.545	1307.045	89.62103	76.89804	89.49742	91.28972	39.89729	7.466983	52.63573	25.65196	26.98377	29.11738	9
1950.525	1951.551	1307.051	86.12294	81.64974	86.12294	86.0735	41.00766	6.558172	52.43417	31.48204	20.95213	29.35649	9
1950.53	1951.558	1307.058	83.47774	74.16314	83.34177	83.24289	46.30675	4.527964	49.16529	23.6368	25.52849	29.84914	9
1950.535	1951.564	1307.064	85.59143	104.8735	86.27127	86.58029	30.60775	10.18052	59.21173	28.91823	30.2935	28.50282	9
1950.54	1951.57	1307.07	82.32819	81.8942	81.79668	80.39992	48.55888	3.53444	47.90668	25.34682	22.55986	30.1519	9
1950.545	1951.576	1307.076	79.69536	96.27152	78.47165	76.33324	52.86633	2.128822	45.00484	26.3735	18.63135	30.40208	9
1950.55	1951.583	1307.083	82.53833	93.99498	82.16751	81.63599	44.19182	4.861678	50.9465	29.19922	21.74727	29.35286	9
1950.555	1951.589	1307.089	88.97827	176.0878	89.02771	90.73349	15.14356	14.51542	70.34101	59.24054	11.10047	28.08733	9
1950.56	1951.595	1307.095	81.67308	135.9963	82.17987	82.36528	28.02204	9.820413	62.15755	38.11437	24.04318	27.95294	9
1950.565	1951.601	1307.101	86.4196	131.4585	86.11058	85.94989	31.0759	8.996143	59.92796	27.87398	32.05398	28.26769	9
1950.57	1951.608	1307.108	86.20946	143.4524	85.7892	86.1353	29.22888	9.347413	61.42371	29.56704	31.85668	27.9922	9
1950.575	1951.614	1307.114	87.27249	95.61453	88.00177	91.75943	30.91865	10.71364	58.36771	41.69686	16.67085	28.02168	9
1950.58	1951.62	1307.12	91.07959	191.5194	91.88304	92.48872	3.632373	20.09387	76.27376	76.27376	0	-9999	9
1950.585	1951.626	1307.126	91.22792	151.1529	92.40219	93.35397	10.39073	19.1938	70.41546	46.64726	23.7682	28.92442	9
1950.59	1951.633	1307.133	91.05487	119.0369	91.4875	94.37991	24.06975	13.51672	62.41354	40.96883	21.44471	28.00315	9
1950.595	1951.639	1307.139	94.36755	137.02	95.18336	95.54182	13.70051	19.19129	67.10821	51.26764	15.84057	28.79343	9
1950.6	1951.645	1307.145	100.449	97.27991	101.03	100.7704	19.54276	21.19068	59.26656	33.12934	26.13722	28.57825	9
1950.605	1951.651	1307.151	95.49237	144.4149	96.02388	97.50717	13.07939	19.12962	67.79099	55.05492	12.73607	28.59927	10
1950.61	1951.658	1307.158	102.2661	107.4861	102.1919	102.4515	20.47836	18.96918	60.55246	44.8856	15.66686	28.5529	10
1950.615	1951.664	1307.164	101.6604	90.67949	101.5368	102.2043	25.48597	16.8825	57.63152	30.3207	27.31083	28.56594	10
1950.62	1951.67	1307.17	106.5305	122.2913	106.5923	106.5181	11.91847	25.93723	62.1443	53.62635	8.517954	28.57208	10
1950.625	1951.676	1307.176	110.3994	123.6816	110.4736	106.9631	7.926811	31.65444	60.41875	43.79174	16.62701	-9999	10
1950.63	1951.683	1307.183	109.1757	90.40447	109.6701	109.1386	13.84865	32.14467	54.00668	42.10517	11.90151	27.85778	10
1950.635	1951.689	1307.189	104.1696	115.4158	104.4415	107.0991	14.12583	24.39159	61.48258	48.96671	12.51586	28.05047	10
1950.64	1951.695	1307.195	102.229	119.9536	101.7963	103.1066	20.27342	17.07876	62.64782	45.60639	17.04143	28.45694	10
1950.645	1951.701	1307.201	96.40707	112.3295	96.39471	95.88792	24.21755	14.64099	61.14145	42.01468	19.12678	28.74594	10
1950.65	1951.708	1307.208	98.0016	106.5388	97.79147	97.00038	25.68465	14.28748	60.02787	29.19489	30.83298	28.86364	10
1950.655	1951.714	1307.214	101.1165	154.0711	100.9064	99.69502	11.31614	20.04003	68.64383	47.69687	20.94696	29.22434	10
1950.66	1951.72	1307.22	97.39593	156.5615	96.39471	91.98193	20.26731	12.62342	67.10927	42.79053	24.31874	29.43924	10
1950.665	1951.727	1307.227	99.85571	148.3263	99.46017	97.32176	15.30325	17.33941	67.35734	37.37948	29.97786	29.20803	10
1950.67	1951.733	1307.233	104.1572	135.9505	104.1449	106.135	11.37111	23.36281	65.26608	41.51106	23.75502	28.45647	10
1950.675	1951.739	1307.239	103.1189	132.8336	103.156	102.6492	12.69745	22.42391	64.87864	50.5306	14.34804	28.87376	10
1950.68	1951.745	1307.245	106.9013	134.499	107.2103	107.2227	6.70713	29.64208	63.65079	63.65079	0	-9999	10
1950.685	1951.752	1307.252	104.7382	140.3966	105.1955	105.7271	6.120439	28.41739	65.46217	59.7468	5.715373	-9999	10
1950.69	1951.758	1307.258	103.4032	131.9627	103.5887	104.2685	11.49711	23.87688	64.62602	55.80094	8.825083	28.6602	10
1950.695	1951.764	1307.264	100.894	193.3528	100.9805	97.35884	0	24.60315	75.39685	75.39685	0	-9999	10
1950.7	1951.77	1307.27	98.61964	158.8533	98.18701	99.10171	14.18027	16.90045	68.91928	42.38658	26.5327	28.67714	10
1950.705	1951.777	1307.277	97.28468	140.8091	97.16107	99.29948	17.38024	16.57949	66.04027	47.36756	18.6727	28.29561	10
1950.71	1951.783	1307.283	95.51709	112.5892	95.52946	96.02388	24.78188	14.13771	61.08041	37.06879	24.01162	28.55248	10
1950.715	1951.789	1307.289	97.28468	117.9674	96.9633	96.77789	24.44068	13.87446	61.68486	38.78065	22.90421	28.70321	10
1950.72	1951.795	1307.295	95.20808	90.71004	95.25752	95.28224	30.07356	12.63707	57.28938	41.7016	15.58777	28.85592	10
1950.725	1951.802	1307.302	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1951.02	1952.171	1307.671	86.97583	86.15697	86.4196	84.91159	43.44305	5.308052	51.24889	27.72454	23.52435	29.81577	10
1951.025	1952.177	1307.677	85.851	87.30288	85.73976	85.14644	40.75194	6.445087	52.80297	34.9477	17.85527	29.34292	10
1951.03	1952.183	1307.683	81.56183	94.94226	81.57419	81.26517	41.89129	5.644095	52.46461	23.35542	29.10919	29.05821	10
1951.035	1952.189	1307.689	85.57907	99.84675	85.22061	85.80156	39.88242	6.366991	53.75059	34.39983	19.35076	28.87422	10
1951.04	1952.196	1307.696	93.93492	116.577	93.87312	96.12277	25.84722	12.92852	61.22426	35.43288	25.79138	28.18819	10

1951.045	1952.202	1307.702	97.77911	124.4761	97.40829	98.52075	22.79387	14.36576	62.84037	30.80574	32.03462	28.44743	10
1951.05	1952.208	1307.708	92.38983	124.0942	91.74707	91.66055	29.95195	9.807098	60.24096	42.01978	18.22118	28.59342	10
1951.055	1952.214	1307.714	93.25508	101.4357	93.18092	93.74951	30.23265	11.41013	58.35722	27.69236	30.66486	28.66709	10
1951.06	1952.221	1307.721	106.5181	149.7319	107.1362	109.9421	0.978397	33.11281	65.90879	65.90879	0	-9999	10
1951.065	1952.227	1307.727	96.34526	146.722	96.45651	94.76309	14.99347	17.61916	67.38737	42.56612	24.82124	29.07213	9
1951.07	1952.233	1307.733	84.29355	146.9206	85.4431	89.32437	17.98614	13.84846	68.1654	50.24344	17.92195	27.69055	9
1951.075	1952.24	1307.74	70.61022	74.51455	71.07993	70.56078	53.36584	1.939771	44.69439	18.68234	26.01205	30.0561	9
1951.08	1952.246	1307.746	74.0465	93.94914	73.08237	73.03292	56.61359	1.536066	41.85035	23.78582	18.06453	30.19361	9
1951.085	1952.252	1307.752	71.2777	92.17681	71.12937	69.47303	53.26728	2.289099	44.44362	27.87621	16.56741	29.88686	9
1951.09	1952.258	1307.758	70.83271	76.80637	71.42603	72.16767	51.64857	2.350542	46.00089	17.14926	28.85163	29.57773	9
1951.095	1952.265	1307.765	65.09734	98.2272	66.19744	69.06513	47.81366	3.137399	49.04895	17.33605	31.7129	27.99474	9
1951.1	1952.271	1307.771	64.05903	83.28456	64.03431	67.05033	61.10242	0.595622	38.30196	10.40297	27.89899	29.9207	9
1951.105	1952.277	1307.777	67.45823	50.11436	67.61892	67.30991	64.56541	0	35.43459	13.56375	21.87084	31.0381	9
1951.11	1952.283	1307.783	71.6856	75.8438	71.80921	71.10465	54.73709	1.719839	43.54307	21.39834	22.14473	30.29916	9
1951.115	1952.29	1307.79	73.74985	114.7894	76.37032	78.80539	24.06243	9.755005	66.18257	49.66233	16.52024	27.88956	9
1951.12	1952.296	1307.796	70.95632	109.9766	72.24184	78.95371	38.1431	5.77837	56.07853	26.9945	29.08403	26.80853	9
1951.125	1952.302	1307.802	71.19118	80.32048	70.83271	71.85866	57.84464	1.136504	41.01886	17.95217	23.06669	30.2987	9
1951.13	1952.308	1307.808	74.30608	66.63071	74.13303	74.00942	56.85491	1.183423	41.96166	19.40655	22.55511	30.85723	9
1951.135	1952.315	1307.815	72.84751	69.16698	72.47669	72.55086	59.11575	0.683124	40.20113	12.72064	27.48049	31.03859	9
1951.14	1952.321	1307.821	71.30242	70.41984	71.31478	71.82157	57.26437	1.085333	41.65029	30.36446	11.28583	30.53975	9
1951.145	1952.327	1307.827	73.07001	50.67967	72.27892	71.51255	66.64204	0	33.35796	7.340462	26.0175	31.34737	9
1951.15	1952.333	1307.833	74.29372	54.23963	73.49027	72.30364	64.75051	0	35.24949	24.93745	10.31204	31.62139	9
1951.155	1952.34	1307.84	74.93648	46.35578	74.13303	73.51499	66.06706	0	33.93294	15.31634	18.6166	31.43306	9
1951.16	1952.346	1307.846	77.23557	42.90278	77.17377	77.29738	59.03978	0.562339	40.39788	12.56517	27.83272	31.83418	9
1951.165	1952.352	1307.852	80.75838	51.41305	80.21451	79.31218	57.47534	0.99221	41.53245	30.34745	11.185	31.78946	9
1951.17	1952.358	1307.858	86.83986	47.08916	86.71625	85.80156	49.66971	4.120779	46.20951	14.22617	31.98334	30.95074	9
1951.175	1952.365	1307.865	86.64209	75.61462	86.97583	89.17604	39.40406	7.564305	53.03164	36.35782	16.67382	28.91007	9
1951.18	1952.371	1307.871	87.75456	69.91564	88.27371	87.79164	38.32281	8.477428	53.19977	27.85383	25.34594	29.42746	9
1951.185	1952.377	1307.877	86.35779	60.88589	86.16002	85.93753	47.34918	4.585726	48.0651	21.19869	26.86641	30.31315	9
1951.19	1952.383	1307.883	86.23419	82.45951	86.16002	86.98819	41.28412	6.409923	52.30595	25.31163	26.99432	29.20311	9
1951.195	1952.39	1307.89	85.93753	74.48399	85.4431	85.54198	46.74417	4.344094	48.91173	30.30359	18.60814	29.97363	9
1951.2	1952.396	1307.896	89.57158	62.19986	89.49742	89.64575	43.11655	6.648455	50.23499	25.89296	24.34204	29.87188	9
1951.205	1952.402	1307.902	92.20442	117.6618	91.40097	89.96713	32.9245	8.570911	58.50459	33.93935	24.56524	28.99179	9
1951.21	1952.408	1307.908	93.95964	161.4355	94.04617	96.39471	13.81918	16.72013	69.46069	41.80673	27.65397	28.31355	9
1951.215	1952.415	1307.915	93.88548	130.1598	92.8719	91.59874	29.98193	9.163578	60.85449	40.25966	20.59484	28.85088	9
1951.22	1952.421	1307.921	90.33795	141.3133	88.91646	84.4666	33.70776	6.941865	59.35037	41.03796	18.31241	29.23842	10
1951.225	1952.427	1307.927	95.90028	106.6	95.49237	95.05975	29.13581	11.70526	59.15892	35.63819	23.52074	28.86474	10
1951.23	1952.433	1307.933	96.62956	113.9491	96.58012	96.51831	23.90832	14.70567	61.38602	33.35881	28.0272	28.65474	10
1951.235	1952.44	1307.94	100.0658	125.2706	99.92988	98.76797	18.67769	17.69574	63.62657	48.60204	15.02453	28.88815	10
1951.24	1952.446	1307.946	93.47757	104.3081	93.2798	93.67535	30.29079	11.14097	58.56824	31.63588	26.93236	28.68915	10
1951.245	1952.452	1307.952	94.82489	90.58781	94.67657	94.86198	31.98839	11.31585	56.69575	40.30532	16.39043	28.91316	10
1951.25	1952.458	1307.958	89.31201	94.92698	89.06479	89.10188	36.77654	8.037482	55.18598	35.99657	19.18941	29.00337	10
1951.255	1952.465	1307.965	95.34404	154.1322	95.97444	97.32176	10.09791	20.20656	69.69554	52.47207	17.22347	28.82185	10
1951.26	1952.471	1307.971	90.75821	139.6938	90.98071	91.28972	20.97223	13.7959	65.23188	33.36501	31.86686	28.37656	10
1951.265	1952.477	1307.977	91.36389	95.00338	90.99307	90.77057	35.82827	8.544688	55.62704	38.82023	16.80681	29.07546	10
1951.27	1952.483	1307.983	95.07211	125.729	94.99794	95.35641	22.68202	14.24477	63.07321	37.65074	25.42247	28.51406	10
1951.275	1952.49	1307.99	97.68022	141.2675	98.14993	101.2525	12.30723	20.54207	67.1507	57.19014	9.960562	28.3255	10
1951.28	1952.496	1307.996	98.9163	108.9071	98.84213	98.99046	23.21627	16.02495	60.75877	31.70991	29.04886	28.63097	10
1951.285	1952.502	1308.002	101.4008	145.5914	102.093	103.9348	6.11359	26.3935	67.49291	57.91783	9.575085	-9999	10
1951.29	1952.509	1308.009	104.5528	118.4868	104.8989	105.4428	12.45534	25.71901	61.82565	41.37599	20.44966	28.45815	10
1951.295	1952.515	1308.015	105.554	135.9352	105.1461	104.664	13.15525	21.44673	65.39802	45.99202	19.406	28.89369	10
1951.3	1952.521	1308.021	107.2969	166.0191	107.062	109.6825	2.930376	26.99395	70.07567	70.07567	0	-9999	10
1951.305	1952.527	1308.027	104.2314	121.8787	103.9842	103.5145	16.52836	20.53134	62.94029	45.97262	16.96768	28.73497	10
1951.31	1952.534	1308.034	101.0053	97.0049	100.5108	99.92988	27.4318	14.08925	58.47895	26.1075	32.37146	28.94114	10
1951.315	1952.54	1308.04	102.5504	107.9903	102.0683	101.5368	23.25605	16.17235	60.5716	30.2775	30.2941	28.80824	10
1951.32	1952.546	1308.046	99.44781	136.0574	98.82977	95.55418	20.3719	14.76433	64.86377	45.15126	19.71251	29.3048	10
1951.325	1952.552	1308.052	94.18214	116.027	93.31688	92.43927	31.97961	9.055544	58.96485	29.61432	29.35053	28.96109	10
1951.33	1952.559	1308.059	93.37869	137.1422	93.31688	94.55296	21.38217	13.95847	64.65936	38.5077	26.15166	28.27588	10
1951.335	1952.565	1308.065	97.61842	176.6531	98.5702	100.9064	0.064735	25.89276	74.0425	74.0425	0	-9999	10
1951.34	1952.571	1308.071	102.3773	165.7441	101.9694	101.3884	8.864075	20.48175	70.65418	61.81352	8.840657	29.31745	10
1951.345	1952.577	1308.077	96.02388	154.5295	95.19572	94.70129	20.68021	12.74267	66.57712	38.42901	28.14811	28.63353	10
1951.35	1952.584	1308.084	84.86214	155.4767	84.4666	84.97339	27.36692	9.737156	62.89593	36.35627	26.53966	27.73301	10
1951.355	1952.59	1308.09	88.45912	132.3141	88.05121	86.8893	29.75885	9.554365	60.68679	27.85504	32.83174	28.51646	10
1951.36	1952.596	1308.096	88.18718	143.7732	88.13774	89.90532	24.45786	11.54878	63.99336	30.56236	33.431	27.87401	10
1951.365	1952.602	1308.102	86.98819	187.3788	87.09944	88.89174	13.76303	14.49135	71.74562	42.55927	29.18635	27.9934	10
1951.37	1952.609	1308.109	89.84352	204.0785	89.74463	88.73105	8.72333	16.26741	75.00926	60.04069	14.96857	29.00833	10
1951.375	1952.615	1308.115	93.39105	161.1452	93.45285	95.05975	14.60413	16.19161	69.20426	53.69986	15.5044	28.38362	10
1951.38	1952.621	1308.121	92.51344	142.4898	92.48872	92.66177	20.5967	13.95501	65.44829	34.46347	30.98481	28.43695	10
1951.385	1952.627	1308.127	91.6111	154.8809	91.53694	91.93248	18.81139	14.0263	67.16231	53.49584	13.66647	28.35242	10
1951.39	1952.634	1308.134	93.20564	143.4371	93.19328	92.51344	19.63484	14.51331	65.85186	45.86009	19.99176	28.63936	10
1951.395	1952.64	1308.14	93.10675	146.0039	92.89662	92.04373	20.63737	13.6741	65.68853	38.08804	27.60049	28.62006	10
1951.4	1952.646	1308.146	93.11911	138.777	92.95842	92.66177	21.99171	13.43016	64.57813	42.93193	21.6462	28.5278	10
1951.405	1952.652	1308.152	90.54808	182.3827	90.48628	89.60867	13.03814	15.33599	71.62587	48.44334	23.18253	28.73524	10

1951.41	1952.659	1308.159	81.87085	224.934	81.74724	83.11928	11.20274	14.15808	74.63917	55.49176	19.14741	27.60138	9
1951.415	1952.665	1308.165	69.17638	155.0184	67.45823	65.74009	52.15888	3.939252	43.90186	25.95693	17.94493	28.12509	9
1951.42	1952.671	1308.171	60.59803	54.65215	60.95649	62.66227	68.24592	0	31.75408	10.5998	21.15428	30.03456	9
1951.425	1952.677	1308.177	59.8193	58.13571	59.05294	57.71798	76.83673	0	23.16327	20.45199	2.711279	31.28782	9
1951.43	1952.684	1308.184	68.36057	78.39536	68.05155	69.59664	60.53149	0.584395	38.88411	21.38291	17.5012	30.49648	9
1951.435	1952.69	1308.19	69.41123	85.72917	69.37415	72.45197	55.6826	1.654924	42.66248	20.49675	22.16573	29.36045	9
1951.44	1952.696	1308.196	71.48783	75.93548	71.71033	74.40497	54.13049	1.844081	44.02543	29.65777	14.36766	29.57346	9
1951.445	1952.702	1308.202	70.35065	55.07996	70.28884	70.05399	62.42703	0	37.57297	9.273823	28.29914	31.47297	9
1951.45	1952.709	1308.209	70.53606	79.06762	70.5237	71.87102	56.06826	1.467607	42.46413	16.29014	26.174	29.95927	9
1951.455	1952.715	1308.215	66.43229	80.64134	65.91314	62.88476	63.3905	0.171617	36.43788	26.36562	10.07226	31.66298	9
1951.46	1952.721	1308.221	68.27404	69.53367	67.89086	66.17272	63.3304	0	36.6696	10.04578	26.62382	31.62771	9
1951.465	1952.727	1308.227	72.36545	72.895	72.06879	70.18996	58.0823	0.963946	40.95376	23.37993	17.57383	31.11287	9
1951.47	1952.734	1308.234	73.88582	98.70084	74.70162	76.39504	41.81693	5.105873	53.07719	26.56923	26.50796	28.24891	4
1951.475	1952.74	1308.24	72.37781	90.55726	72.71155	71.42603	48.91108	3.238866	47.85005	19.30357	28.54649	29.4321	4
1951.48	1952.746	1308.246	75.76465	41.22212	75.48035	76.08603	62.52407	0	37.47593	21.58145	15.89447	31.78569	4
1951.485	1952.753	1308.253	80.35048	29.61025	80.61005	81.09212	56.90017	1.443746	41.65608	11.11182	30.54426	31.80105	4
1951.49	1952.759	1308.259	81.73488	32.60489	82.36528	82.87207	52.02795	3.215815	44.75624	27.85654	16.8997	31.03797	4
1951.495	1952.765	1308.265	80.96851	33.30771	81.31461	81.85849	54.76622	2.15805	43.07573	21.29702	21.77871	31.40089	4
1951.5	1952.771	1308.271	77.74236	21.46667	77.69292	77.47043	63.66527	0	36.33473	18.04006	18.29466	32.25164	4
1951.505	1952.778	1308.278	72.15531	34.86615	72.10587	70.2394	65.56269	0	34.43731	22.3712	12.06611	31.63024	4
1951.51	1952.784	1308.284	77.3839	89.85443	75.9377	74.12067	58.27013	0.841792	40.88808	28.05631	12.83176	31.11219	4
1951.515	1952.79	1308.29	77.26029	55.11052	77.16141	80.23923	56.35015	1.312661	42.33719	21.73601	20.60118	30.59291	4
1951.52	1952.796	1308.296	76.92655	36.4857	76.88947	76.88947	60.68542	0.095305	39.21928	25.99125	13.22802	32.26367	4
1951.525	1952.803	1308.303	80.44936	67.95996	79.58411	77.90305	56.24597	1.229274	42.52475	26.16227	16.36248	31.40036	4
1951.53	1952.809	1308.309	79.96729	74.16314	79.18857	76.96364	54.51774	1.745204	43.73706	23.08687	20.65019	31.08266	4
1951.535	1952.815	1308.315	81.09212	47.82254	81.43822	82.14278	51.13991	3.186838	45.67325	20.62073	25.05252	30.59679	4
1951.54	1952.821	1308.321	77.85361	33.27716	78.43456	80.18979	55.81921	1.55628	42.62451	22.34793	20.27657	31.2103	4
1951.545	1952.828	1308.328	77.9525	59.05244	77.77945	78.59525	55.33415	1.609055	43.05679	27.24735	15.80944	30.81316	4
1951.55	1952.834	1308.334	80.89435	88.76964	80.16507	79.3369	49.74689	3.080768	47.17234	21.61588	25.55646	29.96902	4
1951.555	1952.84	1308.34	85.1588	91.10729	86.23419	87.13652	31.27171	10.35426	58.37403	22.82839	35.54564	28.5643	4
1951.56	1952.846	1308.346	86.08586	76.43968	86.7657	89.10188	37.03385	8.539109	54.42704	37.31153	17.11551	28.70528	4
1951.565	1952.853	1308.353	86.20946	106.0346	87.5197	93.16856	24.87257	12.87231	62.25512	42.9948	19.26033	27.54911	4
1951.57	1952.859	1308.359	84.20703	112.6504	85.62851	88.27371	24.25165	12.38058	63.36777	31.1154	32.25237	28.02115	4
1951.575	1952.865	1308.365	81.57419	88.95299	82.21695	83.40358	38.44375	6.981768	54.57448	20.78415	33.79033	28.6723	4
1951.58	1952.871	1308.371	75.29494	41.49713	75.52979	78.00194	58.86623	0.533616	40.60015	12.80787	27.79228	31.29016	4
1951.585	1952.878	1308.378	76.39504	30.20612	76.18491	76.80295	64.0352	0	35.9648	20.58082	15.38397	31.74857	4
1951.59	1952.884	1308.384	75.41855	56.79118	75.61632	75.45563	55.33874	1.526795	43.13446	20.74357	22.39089	30.90145	4
1951.595	1952.89	1308.39	78.05138	63.11659	78.22443	79.7448	51.57737	2.698093	45.72453	19.43713	26.28741	30.08234	4
1951.6	1952.896	1308.396	77.89069	64.58335	77.47043	76.95128	55.96844	1.415726	42.61583	19.69371	22.92212	31.04431	4
1951.605	1952.903	1308.403	82.97095	85.69861	83.10692	80.01674	41.87391	5.909032	52.21706	19.30065	32.91641	29.78133	4
1951.61	1952.909	1308.409	84.28119	81.22193	84.36772	83.37886	42.13503	6.002582	51.86239	32.77245	19.08994	29.53861	4
1951.615	1952.915	1308.415	82.52597	84.23185	82.16751	82.41472	46.47008	4.233152	49.29677	22.03296	27.26381	29.57797	4
1951.62	1952.921	1308.421	83.51482	95.67564	83.15636	82.74846	42.79093	5.337472	51.8716	35.17434	16.69726	29.22459	4
1951.625	1952.928	1308.428	84.13286	97.26464	83.21817	80.04146	46.14861	4.00035	49.85105	24.99145	24.8596	30.05952	4
1951.63	1952.934	1308.434	84.5284	63.74302	84.29355	83.19345	48.62817	3.922405	47.44942	29.76538	17.68405	30.50227	4
1951.635	1952.94	1308.44	85.851	65.4848	85.4431	86.95111	48.33101	3.989111	47.67988	22.73109	24.94878	30.02398	4
1951.64	1952.946	1308.446	86.91403	70.38928	86.93875	87.40846	42.8133	6.250696	50.93601	18.52618	32.40982	29.58454	4
1951.645	1952.953	1308.453	88.2119	61.39009	89.07715	91.25264	37.28295	9.527709	53.18934	20.98282	32.20652	28.96296	4
1951.65	1952.959	1308.459	87.39609	68.73918	88.39731	89.1266	35.20126	10.00559	54.79314	23.0837	31.70944	29.02145	4
1951.655	1952.965	1308.465	85.5049	61.87901	86.24655	88.26135	40.61303	7.44181	51.94516	22.4038	29.54136	29.17727	4
1951.66	1952.971	1308.471	83.68787	91.88651	85.34421	86.97583	27.934	11.41598	60.65002	26.62767	34.02235	28.40187	4
1951.665	1952.978	1308.478	84.57785	77.09666	85.07228	85.27005	39.69916	7.155425	53.14541	22.17251	30.9729	29.2104	4
1951.67	1952.984	1308.484	84.1823	90.86283	85.1588	88.26135	32.99562	9.434655	57.56973	37.79258	19.77715	28.17183	4
1951.675	1952.99	1308.49	84.88687	72.1769	85.40602	88.00177	40.41386	7.059424	52.52672	20.75423	31.77249	28.89703	4
1951.68	1952.996	1308.496	84.47896	75.23265	85.43074	88.32315	36.69679	8.467168	54.83605	24.03761	30.79843	28.56524	4
1951.685	1953.003	1308.503	84.1823	76.39384	85.14644	85.29477	36.59291	8.417918	54.98917	32.42697	22.5622	29.04429	4
1951.69	1953.009	1308.509	82.89679	94.97282	83.65079	84.36772	34.908	8.335546	56.75646	32.82313	23.93333	28.56601	4
1951.695	1953.015	1308.515	79.44814	61.89429	78.90427	76.03658	56.1443	1.349542	42.50616	25.08105	17.42511	31.65104	4
1951.7	1953.022	1308.522	79.81897	60.35113	79.08968	76.81531	57.61352	0.896123	41.49036	21.05105	20.4393	31.83774	4
1951.705	1953.028	1308.528	79.57175	74.85068	77.45807	72.82279	65.06118	0	34.93882	18.56712	16.3717	31.55616	4
1951.71	1953.034	1308.534	82.66193	83.95683	81.17865	76.55573	55.12895	1.18358	43.68747	15.30235	28.38512	31.63158	4
1951.715	1953.04	1308.54	90.52336	95.81315	89.23784	94.63948	43.49448	4.459878	52.04565	36.63673	15.40891	28.64232	4
1951.72	1953.047	1308.547	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1952.02	1953.42	1308.92	78.24915	72.72693	76.87711	75.43091	61.04418	0	38.95582	25.25112	13.7047	31.90373	2
1952.025	1953.425	1308.925	68.2864	51.71863	67.48296	66.67951	70.88732	0	29.11268	7.563593	21.54909	31.04689	2
1952.03	1953.43	1308.93	69.42359	56.62311	69.88094	71.32714	58.88306	0.43057	40.68637	21.48236	19.204	30.82034	2
1952.035	1953.435	1308.935	64.02195	43.08613	63.39155	63.13198	75.55854	0	24.44146	4.222046	20.21941	30.79879	2
1952.04	1953.44	1308.94	67.26046	43.92646	66.38285	64.56582	74.29166	0	25.70834	16.06349	9.644842	31.16285	2
1952.045	1953.445	1308.945	67.03797	61.66511	66.08619	64.20736	70.77838	0	29.22162	12.21266	17.00896	31.33904	2
1952.05	1953.45	1308.95	66.46938	33.64385	66.40757	66.43229	71.18534	0	28.81466	16.70909	12.10557	30.56255	2
1952.055	1953.454	1308.954	62.0566	32.80351	62.09368	61.58689	74.68209	0	25.31791	12.16763	13.15027	30.41721	2
1952.06	1953.459	1308.959	65.50524	44.15564	65.36927	65.01081	70.10327	0	29.89673	23.20511	6.69162	30.69764	2
1952.065	1953.464	1308.964	71.31478	56.39393	71.32714	71.35187	60.64727	0.141263	39.21146	17.96024	21.25123	31.49426	2

1952.07	1953.469	1308.969	72.10587	59.86221	72.03171	72.30364	59.75072	0.404367	39.84491	9.763587	30.08133	31.26226	2
1952.075	1953.474	1308.974	66.18508	60.09139	65.88842	65.39399	66.86671	0	33.13329	14.63215	18.50115	31.01813	2
1952.08	1953.479	1308.979	68.21224	43.71255	68.18752	68.6325	66.85789	0	33.14211	23.37306	9.769049	30.80208	2
1952.085	1953.484	1308.984	73.13181	37.50938	73.31722	73.97234	62.20453	0	37.79547	6.797392	30.99808	31.61938	2
1952.09	1953.488	1308.988	73.09473	53.78126	73.88582	76.74114	53.60686	1.778242	44.6149	17.48331	27.13158	30.04467	8
1952.095	1953.493	1308.993	74.44205	51.13804	74.6151	75.61632	57.79677	0.826547	41.37668	26.45646	14.92022	31.12863	8
1952.1	1953.498	1308.998	77.22321	65.33201	76.64226	77.47043	57.64669	0.958464	41.39484	16.67035	24.72449	31.00389	8
1952.105	1953.503	1309.003	83.65079	105.0415	81.84613	78.73122	51.60739	1.894622	46.49799	29.91676	16.58123	30.54172	8
1952.11	1953.508	1309.008	87.42082	108.8612	85.94989	82.50124	44.62812	3.850988	51.52089	22.45591	29.06498	30.00611	8
1952.115	1953.513	1309.013	84.38008	74.46871	84.45424	84.73854	43.77413	5.550254	50.67562	20.55778	30.11784	29.54549	8
1952.12	1953.517	1309.017	86.7657	64.82781	86.66681	87.61859	45.25359	5.37145	49.37496	22.00672	27.36824	29.80697	8
1952.125	1953.522	1309.022	91.11667	142.6579	91.62346	89.91768	17.72184	15.48459	66.79358	47.68788	19.1057	28.87472	8
1952.13	1953.527	1309.027	80.01674	106.7986	80.20215	78.9908	39.10241	6.342657	54.55493	27.6606	26.89434	28.76675	8
1952.135	1953.532	1309.032	76.77823	88.5099	76.60518	76.54337	49.28577	3.276793	47.43743	16.84434	30.59309	29.52697	8
1952.14	1953.537	1309.037	74.269	111.7184	73.24306	73.32958	52.58772	2.660574	44.7517	23.42261	21.32909	29.22834	8
1952.145	1953.542	1309.042	73.83637	91.87123	72.97112	71.3395	56.5434	1.536368	41.92024	25.56243	16.35781	30.495	8
1952.15	1953.547	1309.047	72.85987	87.70013	71.78449	69.74497	60.07971	0.744845	39.17545	26.48977	12.68567	31.16477	8
1952.155	1953.551	1309.051	72.69918	68.40304	72.67446	72.95876	56.7548	1.198064	42.04713	12.41289	29.63424	30.6214	8
1952.16	1953.556	1309.056	74.73871	67.59327	74.30608	73.10709	58.23567	0.85833	40.906	24.78524	16.12076	31.27089	8
1952.165	1953.561	1309.061	75.95006	90.05306	75.31966	73.25542	53.21869	2.248433	44.53288	15.04228	29.4906	30.28655	8
1952.17	1953.566	1309.066	75.09717	107.4556	75.20841	78.7683	44.0442	4.684875	51.27093	18.69885	32.57208	27.90818	8
1952.175	1953.571	1309.071	75.22077	136.7297	74.75107	75.6534	41.34854	5.558295	53.09317	31.78405	21.30912	27.62681	8
1952.18	1953.576	1309.076	71.41367	87.25704	70.01691	66.67951	64.00813	0.025007	35.96686	22.71432	13.25254	32.03026	8
1952.185	1953.581	1309.081	69.90566	66.27929	70.12815	71.17881	57.92288	0.833402	41.24372	12.61047	28.63325	30.54216	8
1952.19	1953.585	1309.085	69.96746	55.79806	69.97982	70.85744	62.03101	0	37.96899	10.47487	27.49412	31.26402	8
1952.195	1953.59	1309.09	72.13059	77.18834	72.21712	72.2542	54.28971	1.851066	43.85922	28.18002	15.67921	30.08607	8
1952.2	1953.595	1309.095	71.69797	111.535	72.14295	73.0082	43.59776	4.671238	51.73101	31.00566	20.72535	28.10296	8
1952.205	1953.6	1309.1	73.47791	108.0209	72.92168	72.27892	50.57007	3.106639	46.32329	25.72078	20.60251	29.15523	8
1952.21	1953.605	1309.105	72.89696	121.8482	72.55086	71.89574	46.12982	4.291702	49.57848	15.90458	33.67389	28.39695	8
1952.215	1953.61	1309.11	74.21955	106.2027	74.38024	75.22077	44.77161	4.460556	50.76783	16.47749	34.29034	28.43975	8
1952.22	1953.614	1309.114	75.38146	176.5156	76.30852	78.48401	20.7476	11.08987	68.16253	48.35154	19.81099	26.9693	2
1952.225	1953.619	1309.119	65.81426	124.8734	64.15792	60.62275	62.06815	1.746186	36.18567	17.488	18.69767	30.35004	2
1952.23	1953.624	1309.124	68.96624	91.4587	68.87972	67.58184	55.08862	1.885406	43.02597	13.83824	29.18773	29.91553	2
1952.235	1953.629	1309.129	73.19361	108.7084	72.8846	72.30364	48.74933	3.530594	47.72008	29.29434	18.42574	28.92283	2
1952.24	1953.634	1309.134	63.9107	39.48034	63.32975	61.90827	76.15031	0	23.84969	10.25642	13.59327	30.97429	2
1952.245	1953.639	1309.139	66.65479	76.60774	67.1863	69.94274	56.01931	1.281477	42.69921	27.68185	15.01737	29.51145	2
1952.25	1953.644	1309.144	64.73887	55.47721	65.03553	66.48174	64.71566	0	35.28434	8.026446	27.2579	30.48934	2
1952.255	1953.648	1309.148	63.55224	50.71023	63.87362	63.87362	66.76937	0	33.23063	24.13722	9.093411	30.52941	2
1952.26	1953.653	1309.153	64.30625	59.60247	65.35691	69.94274	58.27182	0.295779	41.4324	21.11607	20.31633	29.78381	2
1952.265	1953.658	1309.158	59.05294	72.6047	57.03814	56.7662	83.71565	0	16.28435	12.35369	3.930653	32.48966	2
1952.27	1953.663	1309.163	60.75872	50.64912	60.43734	61.10482	74.33558	0	25.66442	22.96055	2.703868	30.51062	2
1952.275	1953.668	1309.168	63.25559	75.44656	64.52874	67.05033	53.67984	1.402418	44.91774	22.24938	22.66836	29.09313	2
1952.28	1953.673	1309.173	58.91697	54.56048	59.4114	61.90827	68.76093	0	31.23907	21.00102	10.23806	29.72213	2
1952.285	1953.678	1309.178	63.28031	68.69334	63.46572	63.37919	63.72139	0	36.27861	11.1883	25.0903	30.88585	2
1952.29	1953.682	1309.182	58.39782	51.96309	58.60795	58.92933	72.07041	0	27.92959	13.18881	14.74078	30.22427	2
1952.295	1953.687	1309.187	55.17167	64.84309	54.0592	52.13093	82.17165	0	17.82835	13.19212	4.636229	32.18114	2
1952.3	1953.692	1309.192	57.92811	55.62999	57.54493	57.87867	76.21335	0	23.78665	5.017714	18.76894	30.71242	2
1952.305	1953.697	1309.197	59.97999	98.47166	59.31251	55.62901	66.16123	0.490216	33.34855	25.91024	7.43831	31.38758	2
1952.31	1953.702	1309.202	62.13076	97.60077	62.56339	62.08132	55.86747	1.762487	42.37005	15.47501	26.89504	29.2827	2
1952.315	1953.707	1309.207	60.96885	47.27251	61.73522	62.53866	66.52938	0	33.47062	10.31725	23.15337	29.99954	2
1952.32	1953.711	1309.211	65.29511	78.96067	66.50646	68.90444	51.43204	2.023298	46.54466	27.75865	18.78601	28.88922	2
1952.325	1953.716	1309.216	68.17516	69.70174	67.60656	67.65601	64.81764	0	35.18236	23.21977	11.96259	31.21443	2
1952.33	1953.721	1309.221	66.32105	44.59872	66.2716	65.03553	68.57493	0	31.42507	9.97348	21.45159	30.92283	2
1952.335	1953.726	1309.226	61.51272	79.00651	60.37554	57.23591	73.10192	0	26.89808	17.68654	9.211537	31.89711	2
1952.34	1953.731	1309.231	56.58079	63.34577	56.4201	55.57957	73.86134	0	26.13866	8.237791	17.90087	30.8093	2
1952.345	1953.736	1309.236	57.09994	70.11427	57.24827	57.08758	69.35085	0	30.64915	20.50178	10.14737	30.5338	2
1952.35	1953.741	1309.241	58.27421	64.90421	58.48434	59.94291	69.05238	0	30.94762	23.489	7.458617	30.1639	2
1952.355	1953.745	1309.245	59.60917	60.48864	59.89347	58.63267	68.31801	0	31.68199	21.32289	10.3591	30.62885	2
1952.36	1953.75	1309.25	56.19761	50.0838	55.41888	52.19273	82.21305	0	17.78695	14.34071	3.446247	31.95672	2
1952.365	1953.755	1309.255	56.53135	63.77358	55.75262	56.32122	78.59308	0	21.40692	9.390199	12.01672	31.16359	9
1952.37	1953.76	1309.26	67.63129	63.22354	67.35935	66.902	64.58663	0	35.41337	15.2313	20.18207	31.21282	9
1952.375	1953.765	1309.265	71.98226	66.26402	71.12937	68.89208	64.35033	0	35.64967	20.74874	14.90093	31.77342	9
1952.38	1953.77	1309.27	67.54476	34.88143	67.19866	67.1245	72.09979	0	27.90021	4.301539	23.59867	30.6852	9
1952.385	1953.775	1309.275	67.09977	54.36186	67.02561	67.38407	65.68741	0	34.31259	24.33251	9.980076	30.87471	9
1952.39	1953.779	1309.279	74.17011	103.9262	73.76221	73.81165	49.77462	3.235719	46.98966	33.84494	13.14472	29.07495	9
1952.395	1953.784	1309.284	72.18003	109.1821	70.44953	69.68317	60.5837	1.065182	38.35112	25.63146	12.71966	30.46932	9
1952.4	1953.789	1309.289	77.30974	160.7021	76.07366	72.40253	39.5647	6.044203	54.39109	27.86973	26.52137	28.02976	9
1952.405	1953.794	1309.294	76.04894	126.9666	74.88703	71.84629	48.31386	3.715416	47.97073	22.93423	25.03649	29.12916	9
1952.41	1953.799	1309.299	77.35918	109.3501	76.53101	74.94884	48.78513	3.436605	47.77827	16.11705	31.66121	29.36504	9
1952.415	1953.804	1309.304	71.63616	91.00034	69.91802	66.148	65.38825	0	34.61175	19.1455	15.46625	32.05289	9
1952.42	1953.808	1309.308	71.22826	121.7259	70.41245	69.44831	51.33484	3.220439	45.44472	28.19488	17.24985	28.83266	9
1952.425	1953.813	1309.313	70.41245	119.1744	69.08985	69.43595	56.63048	2.182687	41.18683	30.46144	10.72539	29.26355	9
1952.43	1953.818	1309.318	68.2246	101.5885	68.47181	69.85622	50.73303	2.900111	46.36686	23.51537	22.85149	28.61707	9

1952.435	1953.823	1309.323	65.29511	79.35792	65.04789	64.40513	62.6398	0.254683	37.10552	15.48873	21.61679	31.03075	9
1952.44	1953.828	1309.328	69.32471	84.36936	68.17516	66.71659	64.71288	0	35.28712	23.35676	11.93035	31.67512	9
1952.445	1953.833	1309.333	72.18003	80.99275	70.78327	68.96624	64.81903	0	35.18097	11.67961	23.50135	31.67726	9
1952.45	1953.838	1309.338	71.66088	98.655	70.75855	69.93038	57.19056	1.591939	41.2175	17.75946	23.45804	30.13549	9
1952.455	1953.842	1309.342	72.89696	142.5509	70.67202	67.26046	55.6807	2.592553	41.72675	22.26923	19.45751	29.47397	9
1952.46	1953.847	1309.347	73.37903	137.6006	71.61144	67.9403	52.89074	3.027026	44.08224	30.85464	13.22759	29.30929	9
1952.465	1953.852	1309.352	74.94884	157.9825	73.15653	69.609	46.70569	4.500769	48.79355	21.30333	27.49022	28.32089	9
1952.47	1953.857	1309.357	75.86353	184.6439	74.28136	68.70667	37.78357	6.779953	55.43648	26.44333	28.99315	27.70918	9
1952.475	1953.862	1309.362	80.07854	238.089	79.21329	77.47043	15.41589	12.62771	71.9564	56.72283	15.23357	27.28333	9
1952.48	1953.867	1309.367	82.78554	240.1211	82.43944	82.46416	8.410271	14.87619	76.71354	55.84968	20.86386	28.04623	9
1952.485	1953.872	1309.372	77.23557	222.8561	76.16019	75.75229	23.34632	10.55879	66.09489	39.14506	26.94984	26.39199	9
1952.49	1953.876	1309.376	78.2986	187.5774	77.64348	75.45563	27.64872	9.295788	63.05549	43.21744	19.83805	27.26796	9
1952.495	1953.881	1309.381	78.81775	179.4033	78.34804	75.50507	27.71231	9.29174	62.99595	30.21723	32.77871	27.57791	9
1952.5	1953.886	1309.386	79.3987	158.7311	78.78066	76.25908	33.33005	7.698067	58.97189	41.25713	17.71475	27.86058	9
1952.505	1953.891	1309.391	74.42969	140.2133	73.30486	70.41245	46.31049	4.431392	49.25812	27.96325	21.29488	28.51859	9
1952.51	1953.896	1309.396	73.51499	120.8245	72.61266	70.70911	50.11976	3.373261	46.50698	32.72496	13.78201	29.05483	9
1952.515	1953.901	1309.401	73.31722	120.6106	72.06879	73.65096	53.03576	2.738681	44.22556	29.87824	14.34732	28.73699	9
1952.52	1953.905	1309.405	72.05643	103.3914	71.20354	70.70911	55.29726	2.049942	42.65279	25.37794	17.27486	29.71837	9
1952.525	1953.91	1309.41	71.06757	113.6129	69.8933	67.09977	56.2241	2.101923	41.67398	26.36593	15.30804	29.96461	9
1952.53	1953.915	1309.415	68.55834	96.53126	67.14922	66.53118	64.48647	0.35065	35.16288	12.31532	22.84756	31.17768	9
1952.535	1953.92	1309.42	66.75367	80.33576	65.69065	63.79946	67.38379	0	32.61621	23.1545	9.461707	31.60226	2
1952.54	1953.925	1309.425	63.35447	58.67047	62.97129	63.98487	70.4853	0	29.5147	12.73733	16.77737	30.57067	2
1952.545	1953.93	1309.43	58.64503	40.18316	58.26185	57.98991	79.29191	0	20.70809	16.54724	4.160849	30.7885	2
1952.55	1953.935	1309.435	57.01342	73.17002	55.07278	52.20509	84.88043	0	15.11957	15.11957	0	33.19729	2
1952.555	1953.939	1309.439	62.99601	175.66	62.01951	50.36334	47.10181	5.682857	47.21533	16.37625	30.83909	28.49996	2
1952.56	1953.944	1309.444	71.03049	159.4951	74.00942	74.76343	12.96739	12.16037	74.87224	47.28284	27.5894	28.36587	2
1952.565	1953.949	1309.449	73.44083	106.8291	75.86353	77.51987	27.80583	8.659239	63.53493	29.03041	34.50452	27.9766	2
1952.57	1953.954	1309.454	75.13425	71.47408	76.41976	77.26029	43.61702	4.655816	51.72717	31.07757	20.64959	29.12453	2
1952.575	1953.959	1309.459	75.07245	41.69576	74.93648	75.14661	61.89673	0	38.10327	20.29239	17.81088	31.89148	2
1952.58	1953.964	1309.464	74.91176	42.6736	74.83759	73.83637	61.32895	0	38.67105	25.98265	12.6884	32.18022	2
1952.585	1953.969	1309.469	72.56322	65.68342	72.8846	73.39139	54.85576	1.585917	43.55832	26.61603	16.94229	30.35439	2
1952.59	1953.973	1309.473	69.41123	63.55967	68.99097	65.66593	64.01728	0	35.98272	10.44795	25.53477	31.8879	2
1952.595	1953.978	1309.478	68.74375	119.0369	68.65723	56.49427	48.61939	3.705868	47.67474	26.46595	21.20879	30.52843	2
1952.6	1953.983	1309.483	69.90566	191.7485	71.9081	54.60307	13.76475	12.15032	74.08493	45.80032	28.28461	30.83548	2
1952.605	1953.988	1309.488	73.45319	126.8749	76.18491	76.01186	20.5485	10.65318	68.79832	47.47341	21.32491	28.37626	2
1952.61	1953.993	1309.493	75.90061	57.9982	75.97478	75.13425	55.5611	1.493086	42.94582	30.45738	12.48844	31.05109	2
1952.615	1953.998	1309.498	77.16141	64.6903	77.74236	77.3839	48.85405	3.427994	47.71795	26.40717	21.31078	30.02596	2
1952.62	1954.002	1309.502	76.35796	64.20138	77.37154	76.64226	46.3587	4.057396	49.58391	31.98414	17.59977	29.82393	2
1952.625	1954.007	1309.507	74.14539	42.44442	74.13303	74.19483	61.61049	0	38.38951	14.45009	23.93942	31.8737	2
1952.63	1954.012	1309.512	70.74619	52.91037	71.20354	72.52613	58.56476	0.495023	40.94022	20.83034	20.10988	30.94687	2
1952.635	1954.017	1309.517	71.43839	37.03573	71.52492	72.55086	64.64346	0	35.35654	16.36975	18.98679	31.09923	2
1952.64	1954.022	1309.522	71.92046	43.02501	72.18003	72.55086	61.40942	0	38.59058	19.82687	18.76372	31.60701	2
1952.645	1954.027	1309.527	70.06635	38.18164	69.85622	70.00455	67.92753	0	32.07247	8.325635	23.74684	30.91916	2
1952.65	1954.032	1309.532	70.26412	48.17395	69.88094	68.59542	66.66858	0	33.33142	5.632694	27.69873	31.3097	2
1952.655	1954.036	1309.536	69.9551	60.15251	69.25054	66.44465	66.54475	0	33.45525	12.40064	21.05461	31.64941	2
1952.66	1954.041	1309.541	73.14417	71.68798	72.73627	70.48661	58.52013	0.84859	40.63128	17.53178	23.09951	31.31666	2
1952.665	1954.046	1309.546	72.26656	81.00803	72.68682	73.03292	50.65377	2.715962	46.63027	31.24106	15.38921	29.50604	2
1952.67	1954.051	1309.551	70.37537	59.05244	69.85622	68.66959	64.98739	0	35.01261	23.09546	11.91715	31.45295	2
1952.675	1954.056	1309.556	67.84142	57.00508	67.38407	65.96259	67.33511	0	32.66489	8.364397	24.3005	31.23904	2
1952.68	1954.061	1309.561	70.46189	91.13785	69.94274	69.06513	57.14312	1.489126	41.36776	24.90383	16.46393	30.22831	9
1952.685	1954.066	1309.566	74.13303	125.5762	74.6769	74.21955	37.19316	6.474297	56.33254	39.83995	16.49259	27.9033	9
1952.69	1954.07	1309.57	76.71642	80.10658	76.32088	76.74114	53.10056	2.226727	44.67271	19.52782	25.14489	30.06186	9
1952.695	1954.075	1309.575	70.43717	62.19986	69.21346	67.09977	69.62921	0	30.37079	21.74679	8.624004	31.42102	9
1952.7	1954.08	1309.58	64.85012	42.70416	64.26917	63.25559	74.50588	0	25.49412	16.51422	8.979899	30.90069	9
1952.705	1954.085	1309.585	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1953.035	1954.405	1309.905	63.66349	74.20898	61.82174	62.0566	77.74457	0	22.25543	7.417928	14.8375	31.56927	9
1953.04	1954.41	1309.91	64.25681	67.45576	63.73765	62.08132	68.58286	0	31.41714	16.93773	14.47941	31.24002	9
1953.045	1954.415	1309.915	74.35552	122.3677	73.31722	72.10587	50.02678	3.370742	46.60247	27.40486	19.19762	28.93784	9
1953.05	1954.42	1309.92	80.21451	109.5946	80.39992	78.52109	38.24382	6.602281	55.1539	33.6042	21.5497	28.8026	9
1953.055	1954.424	1309.924	83.10692	67.05851	82.90915	84.21939	48.8462	3.730811	47.42299	18.37825	29.04474	29.94901	9
1953.06	1954.429	1309.929	82.05626	63.468	81.74724	81.94501	51.54388	2.814664	45.64146	31.71002	13.93144	30.50917	9
1953.065	1954.434	1309.934	81.6978	85.49998	81.52475	82.41472	45.48817	4.552308	49.95952	23.51722	26.4423	29.28315	9
1953.07	1954.439	1309.939	76.24671	82.50535	75.56687	76.03658	55.15549	1.701879	43.14263	26.78655	16.35608	30.25767	9
1953.075	1954.444	1309.944	65.66593	64.58335	64.8872	65.18386	69.9933	0	30.0067	12.75968	17.24702	30.91987	9
1953.08	1954.449	1309.949	64.60291	52.22283	64.21972	63.11962	70.89707	0	29.10293	21.02278	8.080148	30.92148	9
1953.085	1954.454	1309.954	68.68195	58.19683	68.81792	68.42237	61.67522	0	38.32478	20.67652	17.64825	31.41174	9
1953.09	1954.458	1309.958	69.06513	142.5509	66.88964	60.37554	58.8228	2.487614	38.68959	26.51264	12.17694	30.17932	9
1953.095	1954.463	1309.963	68.95388	96.4243	68.89208	66.85256	53.70672	2.253821	44.03946	16.41173	27.62772	29.74834	9
1953.1	1954.468	1309.968	72.2542	94.23944	72.18003	71.77213	51.29497	2.757313	45.94772	26.34489	19.60283	29.41571	9
1953.105	1954.473	1309.973	75.10953	120.412	74.42969	75.60396	47.0283	4.032145	48.93956	27.92001	21.01954	28.3003	9
1953.11	1954.478	1309.978	79.01552	175.2169	79.59647	80.56061	20.40083	11.57447	68.02469	38.05073	29.97396	27.39116	9
1953.115	1954.483	1309.983	80.99324	92.68101	80.80782	81.63599	44.49435	4.770038	50.73561	34.34288	16.39273	29.04243	9
1953.12	1954.487	1309.987	80.7831	72.45192	80.83255	80.11562	47.763	3.946477	48.29052	34.75559	13.53493	29.99235	9

1953.125	1954.492	1309.992	85.28241	97.96746	85.80156	87.37137	33.80864	9.003772	57.18759	28.92717	28.26042	28.38973	9
1953.13	1954.497	1309.997	84.94867	90.92395	85.22061	88.1501	37.73612	7.547068	54.71681	27.18561	27.5312	28.38888	9
1953.135	1954.502	1310.002	78.03902	105.6221	76.51865	72.81043	54.42641	1.842111	43.73147	24.00906	19.72241	30.57513	9
1953.14	1954.507	1310.007	78.26151	96.74516	76.93892	75.38146	54.83722	1.696454	43.46633	31.15636	12.30997	30.43401	9
1953.145	1954.512	1310.012	76.2838	168.0512	77.29738	81.90793	21.29528	11.03867	67.66605	42.76418	24.90187	26.6723	9
1953.15	1954.517	1310.017	80.74602	180.1825	81.7596	85.36893	14.25425	13.78103	71.96473	59.38608	12.57865	27.49406	9
1953.155	1954.521	1310.021	78.89191	111.9628	78.08846	76.85239	46.55116	3.992248	49.45659	29.27379	20.1828	29.12422	9
1953.16	1954.526	1310.026	76.04894	177.6615	73.72513	76.56809	45.05047	4.946631	50.0029	25.93753	24.06537	26.66829	9
1953.165	1954.531	1310.031	85.49254	137.7686	85.48018	85.57907	28.10264	10.02474	61.87262	44.07043	17.80219	28.06548	9
1953.17	1954.536	1310.036	91.47514	161.1299	91.15376	89.00299	19.34013	13.28089	67.37898	48.95722	18.42176	28.72465	9
1953.175	1954.541	1310.041	94.3181	191.2443	94.67657	93.72479	4.168141	20.39217	75.43969	75.43969	0	-9999	10
1953.18	1954.546	1310.046	96.43179	133.8114	96.70373	97.77911	16.79288	17.74043	65.46669	51.70864	13.75805	28.48016	10
1953.185	1954.551	1310.051	97.16107	147.5318	97.63078	97.00038	11.26889	20.4779	68.25322	50.99188	17.26134	29.07093	10
1953.19	1954.555	1310.055	101.1412	118.9758	101.4379	100.4367	15.85884	21.35599	62.78517	50.37956	12.40561	28.80923	10
1953.195	1954.56	1310.06	104.2314	117.4479	104.0831	103.9842	16.83426	21.05642	62.10932	47.44205	14.66727	28.59878	10
1953.2	1954.565	1310.065	102.8717	139.0673	103.3785	104.7382	7.776089	26.32552	65.89839	60.47012	5.428263	-9999	10
1953.205	1954.57	1310.07	102.6492	137.7992	102.711	102.4391	11.73632	22.45375	65.80993	47.66827	18.14166	28.88084	10
1953.21	1954.575	1310.075	106.5552	143.376	106.7283	107.2351	5.931069	28.45016	65.61877	54.84766	10.77111	-9999	10
1953.215	1954.58	1310.08	104.3674	128.4333	104.1325	103.7246	14.72127	21.21579	64.06295	46.37614	17.6868	28.76438	10
1953.22	1954.584	1310.084	105.4798	132.6961	105.3933	105.6282	11.51666	23.99708	64.48627	41.2299	23.25636	28.68933	10
1953.225	1954.589	1310.089	105.3933	159.6631	105.6282	103.6752	2.579553	28.5955	68.82495	68.82495	0	-9999	10
1953.23	1954.594	1310.094	112.8839	145.7442	112.8839	113.6132	0.876703	36.32057	62.80272	62.80272	0	-9999	10
1953.235	1954.599	1310.099	115.0594	142.5662	114.9482	114.3548	0.506487	38.46388	61.02963	61.02963	0	-9999	10
1953.24	1954.604	1310.104	115.455	164.7357	115.5909	115.6651	0	44.34565	55.65435	55.65435	0	-9999	10
1953.245	1954.609	1310.109	114.5526	199.4185	114.4043	113.9593	0	40.86005	59.13995	59.13995	0	-9999	10
1953.25	1954.614	1310.114	115.5786	181.5576	115.3066	114.429	0	39.70197	60.29803	60.29803	0	-9999	10
1953.255	1954.618	1310.118	107.6059	221.1754	107.1733	104.0336	0	29.14936	70.85064	70.85064	0	-9999	10
1953.26	1954.623	1310.123	117.0371	193.3222	117.0742	116.5674	0	48.08323	51.91677	51.91677	0	-9999	10
1953.265	1954.628	1310.128	119.1508	184.8731	118.8418	120.1026	0	46.20903	53.79097	53.79097	0	-9999	10
1953.27	1954.633	1310.133	118.2856	186.569	118.1002	116.9753	0	46.6317	53.3683	53.3683	0	-9999	10
1953.275	1954.638	1310.138	119.1385	226.2327	118.9654	118.3597	0	51.35775	48.64225	48.64225	0	-9999	10
1953.28	1954.643	1310.143	119.0272	227.6078	119.3362	120.2509	0	59.73803	40.26197	40.26197	0	-9999	10
1953.285	1954.648	1310.148	116.9135	228.7537	116.518	117.0495	0	43.40536	56.59464	56.59464	0	-9999	10
1953.29	1954.652	1310.152	117.2473	221.9699	116.963	116.5056	0	45.31749	54.68251	54.68251	0	-9999	10
1953.295	1954.657	1310.157	117.1978	217.4016	116.5056	114.5773	0	38.50689	61.49311	61.49311	0	-9999	10
1953.3	1954.662	1310.162	116.0483	246.9507	115.5909	115.1583	0	42.19148	57.80852	57.80852	0	-9999	10
1953.305	1954.667	1310.167	116.6416	275.0637	116.0235	113.1806	0	42.6496	57.3504	57.3504	0	-9999	10
1953.31	1954.672	1310.172	114.565	304.1697	114.5773	115.7145	0	50.21245	49.78755	49.78755	0	-9999	10
1953.315	1954.677	1310.177	115.7516	337.6913	115.4179	115.4673	0	49.63752	50.36248	50.36248	0	-9999	10
1953.32	1954.681	1310.181	114.6021	327.7601	114.4785	115.7393	0	49.95786	50.04214	50.04214	0	-9999	10
1953.325	1954.686	1310.186	115.3932	309.3492	115.6651	115.6898	0	56.00014	43.99986	43.99986	0	-9999	10
1953.33	1954.691	1310.191	115.8629	341.1138	115.9741	117.6922	0	56.72608	43.27392	43.27392	0	-9999	10
1953.335	1954.696	1310.196	116.8023	340.7624	116.6416	116.6539	0	54.42158	45.57842	45.57842	0	-9999	10
1953.34	1954.701	1310.201	116.1224	350.8463	115.8258	115.0965	0	51.73434	48.26566	48.26566	0	-9999	10
1953.345	1954.706	1310.206	116.8764	353.3368	116.9259	116.7528	0	58.73605	41.26395	41.26395	0	-9999	10
1953.35	1954.711	1310.211	116.4809	357.0954	115.9247	118.5946	0	48.86203	51.13797	51.13797	0	-9999	10
1953.355	1954.715	1310.215	117.7911	373.3214	117.4574	116.7281	0	55.78322	44.21678	44.21678	0	-9999	10
1953.36	1954.72	1310.22	118.2856	391.1517	117.9395	113.3907	0	57.74597	42.25403	42.25403	0	-9999	10
1953.365	1954.725	1310.225	117.89	378.8676	117.4327	115.8629	0	54.32946	45.67054	45.67054	0	-9999	10
1953.37	1954.73	1310.23	118.4957	365.4681	118.5204	116.2213	0	62.74611	37.25389	37.25389	0	-9999	10
1953.375	1954.735	1310.235	117.8035	341.6332	117.581	113.1682	0	55.48838	44.51162	44.51162	0	-9999	10
1953.38	1954.74	1310.24	115.3932	339.8915	115.2943	115.4179	0	52.5841	47.4159	47.4159	0	-9999	10
1953.385	1954.745	1310.245	114.256	342.9014	114.1571	109.7937	0	50.70671	49.29329	49.29329	0	-9999	10
1953.39	1954.749	1310.249	113.6379	324.4294	113.539	111.7591	0	48.37776	51.62224	51.62224	0	-9999	10
1953.395	1954.754	1310.254	110.4612	301.7404	110.3871	108.4835	0	42.0655	57.9345	57.9345	0	-9999	10
1953.4	1954.759	1310.259	108.3599	294.9719	108.6566	110.1398	0	42.50507	57.49493	57.49493	0	-9999	10
1953.405	1954.764	1310.264	108.0385	298.9902	107.7542	106.3575	0	36.37122	63.62878	63.62878	0	-9999	10
1953.41	1954.769	1310.269	109.5342	277.9208	109.6207	108.9656	0	40.87627	59.12373	59.12373	0	-9999	10
1953.415	1954.774	1310.274	109.4106	290.3577	109.3735	107.7171	0	40.18057	59.81943	59.81943	0	-9999	10
1953.42	1954.778	1310.278	105.5169	271.244	105.0843	105.554	0	30.32523	69.67477	69.67477	0	-9999	10
1953.425	1954.783	1310.283	105.9496	265.6061	106.0855	104.6764	0	35.55932	64.44068	64.44068	0	-9999	10
1953.43	1954.788	1310.288	107.7913	257.2181	107.7419	103.9718	0	35.59677	64.40323	64.40323	0	-9999	10
1953.435	1954.793	1310.293	109.5589	289.8841	109.8185	108.4093	0	43.63876	56.36124	56.36124	0	-9999	10
1953.44	1954.798	1310.298	109.7072	265.8506	109.5836	104.8865	0	37.99961	62.00039	62.00039	0	-9999	10
1953.445	1954.803	1310.303	106.4193	241.649	106.4563	105.4304	0	33.6187	66.3813	66.3813	0	-9999	10
1953.45	1954.808	1310.308	103.5516	176.7142	103.9348	105.9372	0	28.70068	71.29932	71.29932	0	-9999	10
1953.455	1954.812	1310.312	102.0436	172.7876	102.1919	101.7963	3.15578	24.84077	72.00345	72.00345	0	-9999	10
1953.46	1954.817	1310.317	100.0411	169.5485	100.5108	100.9187	3.291198	24.83246	71.87635	71.87635	0	-9999	10
1953.465	1954.822	1310.322	98.85449	182.9632	99.386	102.0188	0.657548	24.91354	74.42891	74.42891	0	-9999	10
1953.47	1954.827	1310.327	100.5356	197.0808	100.6468	101.8705	0	24.68132	75.31868	75.31868	0	-9999	10
1953.475	1954.832	1310.332	99.6085	137.3408	99.80627	98.81741	13.59097	20.35361	66.05542	46.07792	19.9775	28.97554	10
1953.48	1954.837	1310.337	94.49115	133.6434	94.65184	94.45407	19.4811	15.60241	64.9165	45.86986	19.04663	28.60936	10
1953.485	1954.842	1310.342	89.49742	110.4197	89.5345	90.23906	30.65343	10.31244	59.03413	31.70386	27.33027	28.44633	10

1953.49	1954.846	1310.346	89.5963	172.0084	89.69519	88.61981	15.17901	14.77461	70.04638	48.78814	21.25824	28.63083	10
1953.495	1954.851	1310.351	88.48384	130.6029	88.58272	89.48506	26.2226	11.37571	62.40169	42.13983	20.26186	28.13979	10
1953.5	1954.856	1310.356	83.89801	109.5335	84.16994	83.52719	34.19922	8.321651	57.47912	41.19982	16.2793	28.59171	10
1953.505	1954.861	1310.361	82.56305	103.1928	83.04512	83.10692	35.33331	7.92717	56.73952	31.99575	24.74377	28.54238	10
1953.51	1954.866	1310.366	80.05382	98.27303	80.36284	80.6595	40.17352	6.094886	53.73159	27.70052	26.03107	28.6868	10
1953.515	1954.871	1310.371	86.09822	87.19593	86.03641	87.1736	40.1672	6.711588	53.12121	30.70796	22.41325	28.96795	10
1953.52	1954.875	1310.375	89.28729	86.92091	89.48506	90.74585	35.28811	9.257243	55.45465	20.4119	35.04275	28.75183	10
1953.525	1954.88	1310.38	92.76065	111.3517	92.66177	91.85832	28.47946	11.65593	59.86461	37.79828	22.06633	28.7696	10
1953.53	1954.885	1310.385	92.90898	102.7497	92.74829	93.65062	30.90365	10.87224	58.22411	24.42975	33.79436	28.58946	10
1953.535	1954.89	1310.39	95.28224	109.8391	95.2328	93.5023	26.14247	13.45012	60.40741	28.92106	31.48636	28.96193	10
1953.54	1954.895	1310.395	98.10049	92.94074	98.24882	98.81741	26.10634	15.66168	58.23198	36.45308	21.7789	28.58475	10
1953.545	1954.9	1310.4	95.17099	104.8123	94.65184	93.6259	31.10152	10.55503	58.34345	25.58101	32.76245	29.02363	10
1953.55	1954.905	1310.405	95.46765	81.3136	95.69015	96.04861	30.76755	13.13863	56.09382	40.85195	15.24187	28.83142	10
1953.555	1954.909	1310.409	95.9868	83.43735	96.12277	95.54182	30.44655	13.20693	56.34652	40.37995	15.96657	28.988	10
1953.56	1954.914	1310.414	97.32176	80.28992	97.55662	98.16229	29.2137	14.66424	56.12206	23.35505	32.76701	28.7113	-9999
1953.565	1954.919	1310.419	91.68527	119.7703	91.68527	89.21312	26.66515	12.03208	61.30277	37.22087	24.0819	28.96163	-9999
1953.57	1954.924	1310.424	95.20808	123.0399	95.51709	96.04861	20.23802	16.2234	63.53858	41.08152	22.45707	28.49865	-9999
1953.575	1954.929	1310.429	96.75317	119.2661	96.66664	97.85327	22.79527	14.94362	62.26111	36.09624	26.16487	28.38807	-9999
1953.58	1954.934	1310.434	95.26988	140.748	95.48001	94.75073	16.66217	16.92927	66.40857	42.693	23.71557	28.79412	-9999
1953.585	1954.939	1310.439	98.16229	178.7921	98.10049	100.5726	6.901972	20.20184	72.89618	67.5528	5.343384	-9999	-9999
1953.59	1954.943	1310.443	99.63322	193.0778	99.11407	98.43423	5.636032	19.38253	74.98144	72.32469	2.656751	-9999	-9999
1953.595	1954.948	1310.448	99.78155	151.4737	99.2624	97.70494	15.56776	16.68108	67.75117	45.3962	22.35496	29.07438	-9999
1953.6	1954.953	1310.453	97.70494	164.8579	97.34648	98.02632	12.99391	17.11357	69.89252	43.98649	25.90603	28.73047	-9999
1953.605	1954.958	1310.458	99.97932	176.6378	99.64558	102.5751	7.859154	19.75845	72.3824	58.42909	13.95331	-9999	-9999
1953.61	1954.963	1310.463	100.5726	185.637	99.99168	99.42309	7.051412	19.14889	73.7997	55.31326	18.48644	-9999	-9999
1953.615	1954.968	1310.468	105.5046	154.4989	105.418	106.5429	6.217635	25.49726	68.2851	57.57199	10.71311	-9999	-9999
1953.62	1954.972	1310.472	95.82611	144.5066	95.61598	92.47635	18.49791	15.29439	66.2077	36.18317	30.02454	29.17243	-9999
1953.625	1954.977	1310.477	102.9706	170.0527	102.5751	101.03	7.179745	21.38905	71.43121	55.22121	16.21	-9999	-9999
1953.63	1954.982	1310.482	102.6987	171.3514	102.7976	100.3625	3.283815	25.06115	71.65504	71.65504	0	-9999	-9999
1953.635	1954.987	1310.487	97.81619	137.7992	97.39593	98.18701	19.91875	14.99493	65.08632	44.36315	20.72317	28.4826	-9999
1953.64	1954.992	1310.492	95.2328	141.7717	95.28224	94.15741	17.6939	16.10168	66.20443	36.28052	29.92391	28.82185	-9999
1953.645	1954.997	1310.497	88.42204	182.0618	87.56914	83.32941	21.20267	11.24994	67.54738	48.73827	18.80911	28.64567	-9999
1953.65	1955.002	1310.502	90.86946	158.5172	90.23906	89.79408	22.92451	11.49199	65.5835	49.33199	16.25151	28.26624	-9999
1953.655	1955.006	1310.506	98.23646	187.4705	97.76675	95.91264	7.89484	18.33693	73.76823	60.46682	13.30142	-9999	-9999
1953.66	1955.011	1310.511	103.1931	172.4362	102.5504	100.2636	8.31416	19.82531	71.86053	56.85582	15.00471	29.71664	-9999
1953.665	1955.016	1310.516	97.17343	200.6408	96.9633	92.61232	3.6739	20.02702	76.29908	71.48449	4.81459	-9999	-9999
1953.67	1955.021	1310.521	92.46399	219.7698	92.25386	89.60867	3.377361	18.2795	78.34314	78.23143	0.111705	-9999	-9999
1953.675	1955.026	1310.526	98.23646	134.1934	98.13757	99.71974	17.91402	17.02101	65.06498	36.80849	28.25649	28.36907	-9999
1953.68	1955.031	1310.531	103.156	160.1062	103.0448	101.7469	7.212914	23.12366	69.66342	65.17794	4.48548	-9999	-9999
1953.685	1955.036	1310.536	105.999	142.8106	105.7394	106.8148	9.932458	23.70821	66.35933	44.84698	21.51235	28.69784	-9999
1953.69	1955.04	1310.54	107.9644	137.1575	108.4835	107.952	3.457264	33.55706	62.98568	61.97043	1.015246	-9999	-9999
1953.695	1955.045	1310.545	114.429	212.4207	114.5526	112.6614	0	45.32858	54.67142	54.67142	0	-9999	-9999
1953.7	1955.05	1310.55	117.6181	141.2675	117.3709	119.7194	0	41.18899	58.81101	58.81101	0	-9999	-9999
1953.705	1955.055	1310.555	119.7812	133.9031	119.6082	117.2967	0	46.56538	53.43462	53.43462	0	-9999	-9999
1953.71	1955.06	1310.56	123.8973	141.6495	124.6019	120.3374	0	77.50508	22.49492	22.49492	0	-9999	-9999
1953.715	1955.065	1310.565	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1954.02	1955.36	1310.86	84.4666	148.2499	82.19223	77.69292	44.04066	3.59892	52.36042	34.54577	17.81465	29.27616	-9999
1954.025	1955.364	1310.864	75.25786	141.6189	72.71155	70.01691	56.22491	2.087282	41.68781	18.43928	23.24854	29.63725	-9999
1954.03	1955.369	1310.869	72.83515	110.9544	70.69675	69.07749	62.71334	0.592682	36.69398	18.05005	18.64393	31.01113	-9999
1954.035	1955.373	1310.873	76.20963	131.6419	73.40375	71.51255	59.77542	0.968763	39.25581	24.39973	14.85609	30.36792	-9999
1954.04	1955.377	1310.877	79.10204	108.0056	77.82889	72.20476	50.95572	2.703456	46.34083	25.22845	21.11237	30.49312	-9999
1954.045	1955.381	1310.881	80.70894	91.65733	82.16751	84.98575	32.26281	9.016842	58.72034	31.69762	27.02272	28.11029	-9999
1954.05	1955.386	1310.886	78.06374	99.98426	77.45807	77.09961	48.67915	3.438131	47.88271	29.18067	18.70204	29.34773	-9999
1954.055	1955.39	1310.89	74.63982	71.12266	73.34194	71.9699	64.17823	0	35.82177	15.19392	20.62785	31.58424	-9999
1954.06	1955.394	1310.894	76.07366	95.56869	75.07245	72.73627	54.64405	1.913448	43.4425	13.51556	29.92694	30.40793	-9999
1954.065	1955.399	1310.899	87.12416	121.8329	86.45668	85.39366	35.53518	7.385859	57.07896	30.44002	26.63895	28.68737	-9999
1954.07	1955.403	1310.903	87.72983	103.7123	87.28485	86.77806	37.63883	7.181077	55.1801	33.34063	21.83947	28.95762	-9999
1954.075	1955.407	1310.907	89.1266	100.0301	88.22426	87.8658	40.78933	5.775225	53.43544	29.61044	23.825	29.28274	-9999
1954.08	1955.412	1310.912	93.39105	116.8673	92.83482	92.25386	30.10915	10.21447	59.67638	24.36431	35.31206	28.75823	-9999
1954.085	1955.416	1310.916	97.0251	160.6715	96.08569	98.50839	19.13487	13.06177	67.80337	37.77205	30.03131	28.13761	-9999
1954.09	1955.42	1310.92	93.23036	125.2248	92.40219	90.511	30.34198	9.42034	60.23768	41.31646	18.92122	28.94544	-9999
1954.095	1955.425	1310.925	99.62086	139.6021	98.07577	96.28346	26.53956	9.250627	64.20981	36.11995	28.08986	29.16186	-9999
1954.1	1955.429	1310.929	106.2833	104.7054	106.4316	107.7171	15.73112	25.24592	59.02296	48.91903	10.10394	28.06629	-9999
1954.105	1955.433	1310.933	93.40341	95.76732	93.42813	93.41577	30.70158	11.6048	57.69361	34.24855	23.44506	28.80034	-9999
1954.11	1955.437	1310.937	83.8362	62.79574	83.72496	81.53711	48.53629	3.971287	47.49243	24.84639	22.64603	30.65084	-9999
1954.115	1955.442	1310.942	82.13042	91.12257	81.79668	83.23053	44.97483	4.637791	50.38738	30.46162	19.92575	29.0527	-9999
1954.12	1955.446	1310.946	84.96103	114.5908	84.99811	85.851	33.8175	8.39029	57.79221	32.77415	25.01806	28.26815	-9999
1954.125	1955.45	1310.95	84.35535	145.5303	83.52719	78.0143	33.59306	7.577178	58.82976	36.81318	22.01658	28.94077	-9999
1954.13	1955.455	1310.955	77.06252	106.9208	75.52979	72.42725	55.1063	1.775731	43.11797	14.13811	28.97986	30.45025	-9999
1954.135	1955.459	1310.959	76.66698	94.39223	75.18369	70.43717	58.11894	0.977215	40.90384	26.80022	14.10362	31.45441	-9999
1954.14	1955.463	1310.963	73.41611	117.3104	71.35187	66.64243	60.06595	1.174617	38.75944	22.90507	15.85437	31.00761	-9999
1954.145	1955.468	1310.968	69.31234	59.2969	67.86614	65.01081	73.09089	0	26.90911	4.592342	22.31677	31.5062	-9999
1954.15	1955.472	1310.972	74.63982	75.14098	73.08237	70.2394	65.2175	0	34.7825	10.85954	23.92295	31.71489	-9999

1954.155	1955.476	1310.976	73.55208	58.68575	72.45197	71.16645	66.65595	0	33.34405	14.18901	19.15504	31.39324	-9999
1954.16	1955.481	1310.981	73.11945	66.40152	72.39017	72.05643	62.31288	0	37.68712	9.608444	28.07867	31.63974	-9999
1954.165	1955.485	1310.985	67.9403	63.72774	67.1863	65.72773	67.91634	0	32.08366	10.25673	21.82693	31.30435	-9999
1954.17	1955.489	1310.989	71.61144	73.73533	70.27648	67.23574	66.61946	0	33.38054	15.86782	17.51272	31.75579	-9999
1954.175	1955.493	1310.993	72.21712	120.3203	71.89574	70.33829	46.93343	4.093937	48.97263	20.23632	28.73632	28.60268	-9999
1954.18	1955.498	1310.998	69.04041	91.21424	69.96746	67.79197	47.2243	3.382507	49.39319	28.97388	20.41931	29.22955	-9999
1954.185	1955.502	1311.002	76.22199	56.33282	75.91297	75.56687	58.63812	0.680691	40.68119	14.64539	26.03581	31.49227	-9999
1954.19	1955.506	1311.006	76.39504	49.41154	76.0613	75.96242	60.34545	0.204986	39.44956	24.97555	14.47402	31.90148	-9999
1954.195	1955.511	1311.011	71.6238	58.0746	71.50019	70.51134	61.01001	0.098674	38.89132	24.85611	14.03521	31.70779	-9999
1954.2	1955.515	1311.015	73.60152	151.2904	74.91176	70.31356	25.52	9.513679	64.96633	32.48287	32.48346	28.30523	-9999
1954.205	1955.519	1311.019	81.03032	163.0245	79.08968	78.27387	41.04011	5.1374	53.82249	30.50705	23.31544	27.80799	6
1954.21	1955.524	1311.024	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1954.215	1955.528	1311.028	87.60623	64.27778	87.95233	88.23662	41.16477	7.361767	51.47346	30.72788	20.74558	29.54315	6
1954.22	1955.532	1311.032	89.05243	63.08603	89.06479	89.73227	42.70915	6.780941	50.50991	24.15198	26.35794	29.67804	6
1954.225	1955.537	1311.037	84.4666	112.1614	87.37137	89.55922	12.63568	17.69387	69.67045	44.37918	25.29127	28.94335	6
1954.23	1955.541	1311.041	85.4431	65.82093	87.13652	89.44798	32.33968	11.00126	56.65906	32.68306	23.976	28.62938	6
1954.235	1955.545	1311.045	83.50246	91.61149	85.05992	85.46782	28.9375	10.95554	60.10696	27.32646	32.7805	28.59754	6
1954.24	1955.549	1311.049	86.18474	77.15778	87.49498	88.24898	31.88351	10.90618	57.21031	37.43161	19.7787	28.76787	6
1954.245	1955.554	1311.054	85.56671	77.4328	86.37015	86.49376	36.31318	8.739202	54.94762	24.42969	30.51794	29.02831	6
1954.25	1955.558	1311.058	86.71625	49.0754	87.40846	87.60623	42.98024	7.101263	49.9185	27.38888	22.52962	29.88804	6
1954.255	1955.562	1311.062	86.85222	53.41457	87.42082	89.07715	42.76303	7.024257	50.21271	23.47203	26.74069	29.54746	6
1954.26	1955.567	1311.067	87.1118	36.57737	87.33429	87.08708	49.2811	4.774452	45.94445	23.59342	22.35103	30.88733	6
1954.265	1955.571	1311.071	85.40602	64.85837	86.45668	85.851	37.58811	8.648634	53.76326	27.84303	25.92023	29.39309	6
1954.27	1955.575	1311.075	84.59021	74.10202	85.73976	86.85222	35.33532	9.111499	55.55318	39.41027	16.14291	28.8299	6
1954.275	1955.58	1311.08	83.35414	89.21273	85.52962	87.4579	24.86468	12.71013	62.42519	37.97815	24.44704	28.4328	6
1954.28	1955.584	1311.084	81.67308	83.19289	82.35292	82.26639	39.45933	6.741894	53.79878	32.33664	21.46214	29.03568	6
1954.285	1955.588	1311.088	81.24045	125.8512	80.36284	75.35674	41.60429	5.292669	53.10305	37.57533	15.52771	29.31517	6
1954.29	1955.592	1311.092	79.15149	124.4456	78.73122	79.41106	40.32186	5.785438	53.8927	30.34012	23.55258	28.08641	6
1954.295	1955.597	1311.097	76.4074	94.16305	75.35674	75.12189	55.06036	1.778474	43.16116	14.3516	28.80957	30.13093	6
1954.3	1955.601	1311.101	74.76343	60.13723	74.45441	74.19483	59.05933	0.594391	40.34628	15.75186	24.59442	31.37892	6
1954.305	1955.605	1311.105	73.86109	40.04565	74.00942	76.18491	61.2072	0	38.7928	14.14404	24.64877	31.5211	6
1954.31	1955.61	1311.11	72.84751	51.58112	73.28014	74.21955	57.14481	0.906451	41.94874	22.55067	19.39807	30.92276	6
1954.315	1955.614	1311.114	73.6386	51.50473	73.45319	71.29006	61.22528	0	38.77472	12.4966	26.27813	32.21309	6
1954.32	1955.618	1311.118	74.97356	60.07612	74.92412	75.04772	56.86909	1.139604	41.99131	22.65865	19.33266	30.96378	6
1954.325	1955.623	1311.123	78.15027	48.72399	78.21207	78.26151	55.83157	1.502842	42.66559	25.48359	17.18199	31.21876	6
1954.33	1955.627	1311.127	78.65706	48.95317	78.84247	80.15271	54.3519	1.969229	43.67887	13.28022	30.39865	30.78122	6
1954.335	1955.631	1311.131	78.18735	44.58344	78.2986	78.03902	56.41628	1.348549	42.23517	13.36549	28.86967	31.45062	6
1954.34	1955.636	1311.136	77.86597	88.75436	79.21329	79.72008	36.44302	7.117056	56.43992	36.23784	20.20208	28.58298	6
1954.345	1955.64	1311.14	78.26151	82.07754	78.91663	81.27753	43.05947	5.176661	51.76387	32.96157	18.8023	28.70301	6
1954.35	1955.644	1311.144	75.15897	81.84836	73.73749	71.17881	62.06295	0.054324	37.88273	26.20178	11.68095	31.90194	6
1954.355	1955.648	1311.148	75.5916	57.26482	74.68926	72.57558	63.59073	0	36.40927	17.05907	19.3502	31.89634	6
1954.36	1955.653	1311.153	75.72756	58.65519	75.64104	75.3073	56.80665	1.164236	42.02911	30.76768	11.26143	31.11101	6
1954.365	1955.657	1311.157	79.28745	60.5192	79.65828	81.0674	49.53603	3.418025	47.04595	25.14783	21.89812	29.9358	6
1954.37	1955.661	1311.161	84.62729	68.63223	84.49132	85.17116	46.58765	4.599636	48.81272	22.81884	25.99388	29.83907	6
1954.375	1955.666	1311.166	83.70024	102.4747	85.18352	82.41472	26.70143	11.57443	61.72414	39.00404	22.7201	29.06172	6
1954.38	1955.67	1311.17	80.36284	152.9405	79.54703	68.81792	35.37711	7.066401	57.55649	36.3578	21.19869	29.55479	6
1954.385	1955.674	1311.174	83.37886	153.5058	85.24533	77.42098	11.67791	16.05362	72.26847	52.9783	19.29017	30.36892	6
1954.39	1955.679	1311.179	87.91525	78.05922	89.05243	90.69641	31.41444	11.52016	57.0654	32.66763	24.39777	28.58997	6
1954.395	1955.683	1311.183	90.21434	66.53903	90.1649	90.07837	41.28354	7.38557	51.33089	19.72209	31.6088	29.67751	6
1954.4	1955.687	1311.187	94.37991	72.13106	95.31932	96.97566	28.4343	15.48665	56.07905	38.99913	17.07993	28.50582	6
1954.405	1955.692	1311.192	91.15376	75.64518	92.40219	95.60362	28.15705	14.37904	57.46391	34.98567	22.47824	28.24043	6
1954.41	1955.696	1311.196	87.2354	61.14563	86.86458	86.97583	47.82006	4.369557	47.81039	16.34635	31.46404	30.31927	3
1954.415	1955.7	1311.2	88.61981	106.8139	90.48628	92.10553	18.15568	17.00388	64.84045	52.17766	12.66279	28.5288	3
1954.42	1955.704	1311.204	87.38373	138.8993	89.96713	93.29216	5.972045	21.00813	73.01982	65.72953	7.290292	-9999	3
1954.425	1955.709	1311.209	87.30957	73.75061	87.43318	85.75212	40.86959	7.025804	52.1046	17.97934	34.12526	29.75622	3
1954.43	1955.713	1311.213	92.27858	202.4895	94.44171	94.65184	0	28.5532	71.4468	71.4468	0	-9999	3
1954.435	1955.717	1311.217	90.99307	265.1172	91.31445	89.10188	0	22.8433	77.1567	77.1567	0	-9999	3
1954.44	1955.722	1311.222	85.07228	157.4783	84.21939	83.62607	30.23367	8.517112	61.24922	38.23312	23.0161	27.86026	3
1954.445	1955.726	1311.226	81.42586	145.79	82.15514	80.64714	24.15508	10.99292	64.852	42.72808	22.12392	28.1968	3
1954.45	1955.73	1311.23	84.57785	126.0957	85.62851	85.87572	23.5306	12.28442	64.18499	33.86252	30.32247	28.28549	3
1954.455	1955.735	1311.235	86.27127	102.3066	86.49376	85.88809	34.14791	8.787049	57.06504	21.68039	35.38465	28.76433	3
1954.46	1955.739	1311.239	87.13652	73.41448	87.13652	88.0883	42.0681	6.472592	51.45931	31.97549	19.48382	29.37211	3
1954.465	1955.743	1311.243	87.47026	111.9781	86.95111	84.08342	36.45208	7.369941	56.17798	23.71517	32.46281	29.20704	3
1954.47	1955.748	1311.248	85.77684	73.27697	86.16002	86.90167	40.38262	7.132015	52.48537	25.07697	27.40839	29.22506	3
1954.475	1955.752	1311.252	85.17116	83.45263	85.61615	86.45668	37.99835	7.719811	54.28184	32.93052	21.35132	28.89076	3
1954.48	1955.756	1311.256	88.36023	64.03332	88.03885	86.80278	45.70321	5.226291	49.0705	30.34757	18.72293	30.32207	3
1954.485	1955.76	1311.26	87.63095	125.7137	89.23784	89.93004	16.50338	16.38209	67.11454	51.9192	15.19533	28.64108	3
1954.49	1955.765	1311.265	85.46782	234.5902	91.05487	95.67778	0	37.82145	62.17855	62.17855	0	-9999	3
1954.495	1955.769	1311.269	83.44066	246.8132	84.54077	95.43057	0	19.93742	80.06258	80.06258	0	-9999	3
1954.5	1955.773	1311.273	81.79668	161.3132	80.01674	75.35674	39.50383	5.50664	54.98953	30.00981	24.97973	28.5292	3
1954.505	1955.778	1311.278	79.93021	94.9881	79.76952	74.24428	44.72243	4.649783	50.62779	29.77525	20.85254	30.12554	3
1954.51	1955.782	1311.282	82.51361	188.54	85.62851	80.20215	0	21.85749	78.14251	78.14251	0	-9999	3
1954.515	1955.786	1311.286	89.15132	163.2384	92.71121	96.71609	0	28.97455	71.02545	71.02545	0	-9999	3

1954.52	1955.791	1311.291	90.15254	156.3935	92.8719	95.54182	0	25.75038	74.24962	74.24962	0	-9999	3
1954.525	1955.795	1311.295	90.42447	190.129	92.68649	92.62468	0	26.15881	73.84119	73.84119	0	-9999	3
1954.53	1955.799	1311.299	96.01152	121.2217	97.61842	98.40951	9.880299	24.35271	65.76699	46.22463	19.54235	28.91717	3
1954.535	1955.804	1311.304	97.21051	225.2854	101.1783	103.5021	0	48.96078	51.03922	51.03922	0	-9999	3
1954.54	1955.808	1311.308	91.88304	272.2065	96.03625	103.2549	0	43.39507	56.60493	56.60493	0	-9999	3
1954.545	1955.812	1311.312	95.10919	176.1948	97.49481	100.4243	0	31.58746	68.41254	68.41254	0	-9999	3
1954.55	1955.816	1311.316	93.65062	194.6973	95.78903	101.0918	0	29.51578	70.48422	70.48422	0	-9999	3
1954.555	1955.821	1311.321	93.67535	208.2649	95.46765	101.5615	0	28.56576	71.43424	71.43424	0	-9999	3
1954.56	1955.825	1311.325	92.48872	209.3191	95.19572	101.3019	0	32.13044	67.86956	67.86956	0	-9999	3
1954.565	1955.829	1311.329	97.7173	81.45111	97.6555	96.11041	30.86789	13.27633	55.85578	39.52673	16.32905	29.20684	3
1954.57	1955.834	1311.334	97.92744	83.29984	98.29826	97.47009	26.87433	16.24544	56.88024	34.6084	22.27184	28.85153	3
1954.575	1955.838	1311.338	97.7173	97.26464	99.34892	99.97932	13.91701	25.05044	61.03255	50.85281	10.17974	28.57036	3
1954.58	1955.842	1311.342	93.88548	122.7802	96.9633	99.39836	0.059436	30.32011	69.62045	69.62045	0	-9999	3
1954.585	1955.847	1311.347	95.59126	81.06914	96.46887	97.00038	25.63582	16.89904	57.46515	24.01904	33.44611	28.58703	3
1954.59	1955.851	1311.351	97.84091	113.7963	98.65672	95.62834	16.12515	21.02666	62.84819	40.92789	21.92029	29.21771	3
1954.595	1955.855	1311.355	96.69136	164.1551	99.80627	102.0436	0	37.88612	62.11388	62.11388	0	-9999	3
1954.6	1955.86	1311.36	92.92134	142.719	95.60362	98.42187	0	28.06824	71.93176	71.93176	0	-9999	3
1954.605	1955.864	1311.364	90.80766	171.5042	93.61354	100.4737	0	27.97004	72.02996	72.02996	0	-9999	3
1954.61	1955.868	1311.368	83.52719	232.5428	85.36893	79.13913	0	21.40947	78.59053	78.59053	0	-9999	3
1954.615	1955.872	1311.372	77.73	200.8852	79.84369	66.54354	3.493111	16.49361	80.01328	75.06667	4.946612	-9999	3
1954.62	1955.877	1311.377	73.72513	147.7915	69.52248	65.8019	68.97786	0	31.02214	24.59587	6.426268	31.79265	3
1954.625	1955.881	1311.381	73.91054	66.69182	73.04529	72.05643	62.56858	0	37.43142	15.1758	22.25562	31.73887	3
1954.63	1955.885	1311.385	73.25542	103.1622	73.60152	74.14539	44.95747	4.342143	50.70038	27.53908	23.1613	28.50136	3
1954.635	1955.89	1311.39	75.39382	99.99954	76.02422	76.49393	41.55222	5.315513	53.13227	33.02167	20.1106	28.47553	3
1954.64	1955.894	1311.394	80.20215	78.10506	80.46172	80.20215	45.30089	4.662134	50.03698	26.78986	23.24712	29.52262	3
1954.645	1955.898	1311.398	81.92029	80.28992	82.31583	85.24533	42.13771	5.853813	52.00848	24.07549	27.93299	28.708	3
1954.65	1955.903	1311.403	81.95737	78.10506	82.40236	85.02283	42.24915	5.861535	51.88932	35.94723	15.94209	28.81096	3
1954.655	1955.907	1311.407	85.23297	79.34264	86.23419	86.40724	34.6253	9.351173	56.02352	30.03737	25.98616	28.91299	3
1954.66	1955.911	1311.411	86.69153	101.4663	88.16246	89.80644	24.28926	13.50177	62.20897	39.52895	22.68003	28.33239	3
1954.665	1955.915	1311.415	91.11667	78.22729	91.92012	92.3033	31.01494	12.4748	56.51026	22.42056	34.08971	28.81904	3
1954.67	1955.92	1311.42	90.88182	82.16921	91.87068	94.3181	28.84012	13.4008	57.75907	39.55213	18.20695	28.3466	3
1954.675	1955.924	1311.424	92.83482	54.92717	92.57524	91.49986	43.3113	7.13416	49.55454	31.73008	17.82446	30.2656	3
1954.68	1955.928	1311.428	96.24638	53.5368	96.19694	97.42065	38.88061	10.34292	50.77647	19.42895	31.34752	29.41399	3
1954.685	1955.933	1311.433	100.9805	102.0622	100.1524	100.5232	28.81717	12.10132	59.08151	40.67983	18.40169	28.85543	3
1954.69	1955.937	1311.437	108.6936	142.444	107.4205	104.9854	15.39737	16.60213	68.0005	43.34214	24.65836	29.49908	3
1954.695	1955.941	1311.441	115.5538	246.7827	113.1311	113.9222	0	14.23602	85.76398	85.76398	0	-9999	3
1954.7	1955.946	1311.446	110.3871	88.12793	111.5242	112.0805	8.303749	41.78347	49.91278	49.91278	0	27.12013	6
1954.705	1955.95	1311.45	101.1289	45.94325	101.1659	101.5986	35.55579	14.52648	49.91773	24.99796	24.91977	29.18561	6
1954.71	1955.954	1311.454	103.737	29.64081	103.5887	101.7963	38.53845	14.61351	46.84804	21.22368	25.62436	29.87393	6
1954.715	1955.959	1311.459	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1955.02	1956.221	1311.721	87.53206	57.2801	86.70389	84.49132	52.02703	2.610795	45.36218	24.81075	20.55142	31.41195	6
1955.025	1956.226	1311.726	82.77318	50.46577	82.55069	82.52597	53.36028	2.421155	44.21857	28.58701	15.63155	31.05195	6
1955.03	1956.23	1311.73	80.25159	65.16394	78.86719	77.22321	61.12798	0	38.87202	10.92475	27.94728	31.92839	6
1955.035	1956.234	1311.734	80.57297	71.73381	79.41106	77.76708	57.51808	0.785539	41.69638	29.29258	12.4038	31.51477	6
1955.04	1956.238	1311.738	82.14278	76.88276	81.54947	80.12798	50.4212	2.973122	46.60567	28.65967	17.94601	30.4187	6
1955.045	1956.243	1311.743	78.84247	60.38169	78.60761	78.53345	54.67268	1.809956	43.51737	17.24007	26.27729	30.87147	6
1955.05	1956.247	1311.747	76.03658	46.21827	75.73992	74.46677	61.16062	0	38.83938	10.71033	28.12905	32.27667	6
1955.055	1956.251	1311.751	78.27387	59.89277	78.0143	76.71642	55.50569	1.560096	42.93421	12.8823	30.05191	31.20125	6
1955.06	1956.256	1311.756	81.66072	48.37258	81.67308	82.4518	53.07018	2.536504	44.39331	29.2918	15.10152	30.83996	6
1955.065	1956.26	1311.76	77.85361	49.77823	77.84125	77.28502	56.42414	1.315359	42.2605	14.89955	27.36095	31.38276	6
1955.07	1956.264	1311.764	79.13913	62.71934	79.38634	76.24671	50.09801	3.211015	46.69097	23.56178	23.1292	30.78962	6
1955.075	1956.269	1311.769	77.21085	48.52537	77.01308	77.22321	58.75561	0.640391	40.604	25.2204	15.3836	31.61993	6
1955.08	1956.273	1311.773	72.56322	37.61633	72.06879	71.43839	67.97052	0	32.02948	10.76644	21.26304	31.19283	6
1955.085	1956.277	1311.777	78.78066	75.64518	78.86719	75.35674	48.54509	3.577511	47.8774	31.72206	16.15534	30.41979	6
1955.09	1956.282	1311.782	84.92395	48.51009	85.17116	86.98819	48.21461	4.592225	47.19316	20.16218	27.03099	30.12268	6
1955.095	1956.286	1311.786	85.43074	62.13875	84.93631	84.77562	50.19797	3.327725	46.4743	30.12565	16.34866	30.57619	6
1955.1	1956.29	1311.79	84.02161	76.22577	83.98453	85.39366	44.54086	5.176247	50.28289	26.03336	24.24952	29.34355	6
1955.105	1956.294	1311.794	82.81026	42.42914	82.61249	82.41472	55.07944	1.962256	42.95831	31.3253	11.633	31.48864	6
1955.11	1956.299	1311.799	81.64835	55.35498	81.92029	82.71138	49.38011	3.714762	46.90513	28.7168	18.18833	30.21956	6
1955.115	1956.303	1311.803	81.56183	55.3397	81.68544	81.7596	50.61295	3.273382	46.11366	26.916	19.19767	30.50459	6
1955.12	1956.307	1311.807	79.3987	61.57343	80.30103	81.38878	45.05934	4.864476	50.07618	34.9226	15.15359	29.51349	6
1955.125	1956.312	1311.812	82.09334	43.8959	82.71138	82.50124	49.06154	4.105506	46.83296	20.61061	26.22235	30.57224	6
1955.13	1956.316	1311.816	84.65201	36.57737	84.49132	84.08342	54.51377	2.368187	43.11804	25.20299	17.91505	31.61511	6
1955.135	1956.32	1311.82	85.31949	55.32442	84.66437	83.86093	53.19473	2.317674	44.4876	26.11686	18.37074	31.23176	6
1955.14	1956.325	1311.825	84.98575	45.08764	84.77562	85.04756	52.53042	2.918032	44.55154	16.07032	28.48123	31.06233	6
1955.145	1956.329	1311.829	84.94867	47.65448	84.66437	84.44188	52.51814	2.841593	44.64027	30.09299	14.54728	31.11221	6
1955.15	1956.333	1311.833	81.27753	66.01956	79.86841	77.6064	60.16864	0	39.83136	14.48247	25.34889	32.15745	6
1955.155	1956.338	1311.838	77.49515	42.65832	77.35918	77.63112	59.4349	0.456688	40.10841	24.77613	15.33228	31.86114	6
1955.16	1956.342	1311.842	79.57175	37.14268	79.60883	78.63234	57.51807	1.11804	41.36389	23.83663	17.52726	31.97083	6
1955.165	1956.346	1311.846	80.12798	34.57585	80.07854	80.22687	58.29808	0.913058	40.78886	10.51299	30.27587	31.97518	6
1955.17	1956.35	1311.85	81.66072	33.81191	81.4753	80.85727	58.12659	1.017443	40.85596	18.9015	21.95446	32.17811	6
1955.175	1956.355	1311.855	83.21817	42.65832	82.77318	82.34056	56.56462	1.407888	42.0275	20.71734	21.31016	31.80096	6
1955.18	1956.359	1311.859	82.11806	96.83683	81.31461	81.46294	47.24359	3.747532	49.00888	32.37483	16.63405	29.40867	6

1955.185	1956.363	1311.863	80.39992	39.34283	80.05382	79.54703	59.19339	0.573896	40.23272	22.16647	18.06625	32.18674	6
1955.19	1956.368	1311.868	75.85117	55.01884	75.33202	75.023	60.92578	0.083201	38.99102	18.17279	20.81823	31.88932	6
1955.195	1956.372	1311.872	75.88825	69.1517	74.87467	74.55329	61.30334	0.074368	38.62229	23.83873	14.78356	31.66613	6
1955.2	1956.376	1311.876	72.74863	87.36399	72.62502	71.72269	52.88713	2.317454	44.79541	13.26014	31.53527	29.86284	6
1955.205	1956.381	1311.881	75.76465	120.412	77.07488	77.22321	31.00249	8.263388	60.73412	38.82725	21.90688	27.9331	6
1955.21	1956.385	1311.885	78.57053	131.1529	79.7448	82.0439	26.87551	9.876154	63.24834	42.34859	20.89974	27.53428	6
1955.215	1956.389	1311.889	79.16385	85.49998	79.75716	80.7213	41.88007	5.606846	52.51308	28.57543	23.93765	28.84708	6
1955.22	1956.394	1311.894	81.21573	99.61757	81.32698	82.26639	40.31192	6.099704	53.58838	23.79716	29.79122	28.59163	6
1955.225	1956.398	1311.898	82.46416	79.52599	81.4135	80.0909	53.03031	2.000983	44.9687	18.10831	26.8604	30.7333	6
1955.23	1956.402	1311.902	76.30852	54.43825	76.13547	75.80173	57.96325	0.853879	41.18288	13.59499	27.58789	31.41235	6
1955.235	1956.406	1311.906	80.75838	52.08532	80.94379	82.51361	51.66071	2.919013	45.42028	20.02134	25.39894	30.38664	6
1955.24	1956.411	1311.911	83.73732	49.21291	84.59021	86.04877	44.44224	5.983725	49.57403	16.10893	33.4651	29.72003	6
1955.245	1956.415	1311.915	86.8275	86.47783	86.96347	88.48384	38.13731	7.689468	54.17322	32.4569	21.71632	28.78289	6
1955.25	1956.419	1311.919	90.60988	69.36561	90.41211	90.62225	41.38516	7.166016	51.44882	22.01901	29.42981	29.61413	6
1955.255	1956.424	1311.924	88.52092	42.29163	88.13774	87.8658	51.29584	3.597539	45.10662	13.7373	31.36932	31.17303	6
1955.26	1956.428	1311.928	88.71869	45.56129	88.50856	88.54564	48.9815	4.565888	46.45261	16.67328	29.77934	30.73839	6
1955.265	1956.432	1311.932	89.15132	28.87687	89.15132	88.95355	50.99258	4.475013	44.5324	30.39111	14.14129	31.28467	6
1955.27	1956.437	1311.937	87.77928	31.07701	87.93997	88.52092	50.47708	4.522194	45.00072	18.78187	26.21886	30.9898	6
1955.275	1956.441	1311.941	87.50734	31.27564	87.58151	87.56914	51.34977	4.07735	44.57288	16.91446	27.65842	31.22186	6
1955.28	1956.445	1311.945	89.38617	38.34971	89.17604	89.75699	50.11262	4.401187	45.48619	21.13906	24.34714	30.91173	6
1955.285	1956.449	1311.949	91.04251	75.53823	89.86824	87.4579	47.06123	3.704269	49.2345	19.09156	30.14294	30.73285	6
1955.29	1956.454	1311.954	89.85588	42.15412	89.01535	88.32315	53.6454	2.372135	43.98247	23.95619	20.02627	31.7163	6
1955.295	1956.458	1311.958	88.91646	34.04109	88.87938	87.60623	50.24629	4.555718	45.19799	15.76099	29.437	31.30247	6
1955.3	1956.462	1311.962	89.8188	47.25723	89.39853	89.55922	49.18751	4.370074	46.44242	27.46273	18.97968	30.77517	6
1955.305	1956.467	1311.967	91.64819	64.07915	90.62225	90.7953	48.12755	3.76377	48.10868	19.43282	28.67585	30.55309	6
1955.31	1956.471	1311.971	90.72113	47.96005	90.43683	89.58394	47.13353	5.413429	47.45304	26.87691	20.57614	30.69798	6
1955.315	1956.475	1311.975	95.75195	119.9689	93.65062	92.1797	39.161	3.751468	57.08753	22.60346	34.48407	29.67631	6
1955.32	1956.48	1311.98	85.98697	204.6438	87.84108	83.21817	0	21.36674	78.63326	78.63326	0	-9999	5
1955.325	1956.484	1311.984	84.42952	250.4801	86.77806	85.05992	0	25.01307	74.98693	74.98693	0	-9999	5
1955.33	1956.488	1311.988	84.89923	161.6341	87.90288	91.92012	0	21.79656	78.20344	78.20344	0	-9999	5
1955.335	1956.493	1311.993	85.97461	214.1014	86.09822	89.28729	8.13287	15.85071	76.01642	61.90311	14.11331	28.01896	5
1955.34	1956.497	1311.997	87.92761	155.217	89.10188	89.78172	12.4435	16.88347	70.67303	58.28439	12.38864	28.69297	5
1955.345	1956.501	1312.001	90.12782	241.1601	89.76935	93.13147	1.499746	17.8535	80.64675	80.64675	0	-9999	5
1955.35	1956.505	1312.005	82.29111	252.5733	83.93509	89.96713	0	21.33329	78.66671	78.66671	0	-9999	5
1955.355	1956.51	1312.01	77.44571	231.0914	78.55817	77.54459	4.204231	15.98419	79.81158	79.81158	0	-9999	5
1955.36	1956.514	1312.014	73.26778	158.1505	71.71033	69.2011	46.39147	4.750597	48.85793	15.61565	33.24228	27.94241	5
1955.365	1956.518	1312.018	80.0291	163.4523	80.0291	74.3308	26.81778	9.7037	63.47852	37.4231	26.05541	28.48046	5
1955.37	1956.523	1312.023	76.93892	155.7823	75.86353	69.68317	39.8511	5.979539	54.16936	26.57295	27.59641	28.55537	5
1955.375	1956.527	1312.027	73.60152	76.8522	73.30486	74.269	55.98747	1.488846	42.52369	22.01891	20.50478	30.22278	5
1955.38	1956.531	1312.031	65.61649	98.88419	63.98487	61.37675	68.34789	0.006754	31.64536	10.61042	21.03494	32.02997	5
1955.385	1956.536	1312.036	61.7723	112.6045	59.78222	59.0653	71.34229	0.3701	28.28761	20.40595	7.881653	31.6891	5
1955.39	1956.54	1312.04	57.96519	59.06772	57.17411	57.82923	78.50856	0	21.49144	14.43432	7.057121	31.03093	5
1955.395	1956.544	1312.044	59.76986	71.3824	58.29893	55.30764	79.13687	0	20.86313	6.45438	14.40875	32.22995	5
1955.4	1956.549	1312.049	60.26429	76.24105	58.87989	57.82923	76.83563	0	23.16437	7.607052	15.55731	31.7388	5
1955.405	1956.553	1312.053	59.46084	59.083	58.44726	59.0653	78.85319	0	21.14681	4.407698	16.73912	31.15057	5
1955.41	1956.557	1312.057	60.43734	48.23507	59.36196	56.19761	81.05898	0	18.94102	11.63271	7.308303	31.86751	5
1955.415	1956.561	1312.061	62.25437	98.97586	60.58567	54.19517	71.70624	0	28.29376	24.09228	4.201484	32.90546	5
1955.42	1956.566	1312.066	59.73278	101.1454	57.27299	54.99862	79.63199	0	20.36801	4.871922	15.49609	33.08206	5
1955.425	1956.57	1312.07	59.49792	82.49007	57.70562	57.37188	79.18969	0	20.81031	5.241937	15.56838	32.08161	5
1955.43	1956.574	1312.074	55.86387	24.87383	55.04806	54.0592	88.90829	0	11.09171	5.260103	5.831611	31.94674	5
1955.435	1956.579	1312.079	55.85151	11.74937	55.17167	54.71432	91.04203	0	8.957974	8.957974	0	31.87801	5
1955.44	1956.583	1312.083	53.49061	13.39948	53.20631	53.04562	89.74927	0	10.25073	5.993057	4.257676	31.42268	5
1955.445	1956.587	1312.087	56.074	30.49642	56.02456	58.45962	81.41497	0	18.58503	18.58503	0	30.08094	9
1955.45	1956.592	1312.092	62.8106	61.80262	61.58689	60.43734	76.74179	0	23.25821	8.167324	15.09089	31.41068	9
1955.455	1956.596	1312.096	70.72147	144.3691	70.20232	65.75245	44.02235	5.12583	50.85182	36.35846	14.49336	28.27062	9
1955.46	1956.6	1312.1	68.49654	176.0878	65.98731	63.65113	53.81646	4.308549	41.87499	25.0777	16.79729	27.81973	9
1955.465	1956.605	1312.105	69.42359	64.6903	69.80677	66.63007	57.50558	0.863252	41.63117	14.49157	27.1396	31.24146	9
1955.47	1956.609	1312.109	67.01325	44.93486	66.32105	65.9255	72.83813	0	27.16187	4.145831	23.01603	30.83515	9
1955.475	1956.613	1312.113	66.98853	58.70103	66.46938	63.97251	68.18832	0	31.81168	23.88034	7.931336	31.3757	9
1955.48	1956.617	1312.117	65.95023	46.01965	65.52996	64.33097	71.44609	0	28.55391	13.143	15.41091	30.91191	9
1955.485	1956.622	1312.122	74.21955	75.47711	74.80051	76.71642	48.95015	3.190203	47.85965	24.48171	23.37793	29.23463	9
1955.49	1956.626	1312.126	77.73	93.44494	77.6064	79.06496	46.83268	3.978137	49.18919	27.90218	21.287	28.92638	9
1955.495	1956.63	1312.13	74.92412	92.20736	76.43213	80.11562	37.06856	6.437357	56.49408	30.58559	25.90849	27.84236	9
1955.5	1956.635	1312.135	81.79668	99.35783	82.61249	83.99689	34.37994	8.27658	57.34348	31.96757	25.37591	28.29417	9
1955.505	1956.639	1312.139	79.23801	105.5457	79.41106	78.43456	40.21782	5.955578	53.8266	36.67439	17.15221	28.73776	9
1955.51	1956.643	1312.143	77.76708	167.1497	78.33568	79.28745	23.59745	10.53261	65.86994	33.71061	32.15933	27.23946	9
1955.515	1956.648	1312.148	78.7065	104.7054	78.96608	81.0674	40.2396	5.92517	53.83523	23.58861	30.24661	28.16085	5
1955.52	1956.652	1312.152	74.45441	172.5584	73.62624	72.83515	36.16112	7.154928	56.68395	38.52393	18.16002	26.9306	5
1955.525	1956.656	1312.156	66.59298	186.3551	64.15792	63.88598	52.50826	5.047243	42.4445	21.29226	21.15224	26.86513	5
1955.53	1956.661	1312.161	65.27039	85.71389	64.62763	64.86248	64.18986	0.215958	35.59418	20.77902	14.81517	30.96735	5
1955.535	1956.665	1312.165	68.78083	74.20898	69.13929	69.07749	55.98499	1.327531	42.68748	18.25146	24.43602	30.18245	5
1955.54	1956.669	1312.169	69.47303	78.39536	69.08985	67.5942	60.0828	0.664821	39.25238	17.74843	21.50395	31.02031	5
1955.545	1956.673	1312.173	82.14278	225.4535	81.37642	75.9377	15.80822	12.53506	71.65671	48.54289	23.11382	28.25735	5

1955.55	1956.678	1312.178	87.61859	251.4885	85.70267	80.80782	13.37901	12.02336	74.59763	59.52714	15.07049	28.42619	5
1955.555	1956.682	1312.182	87.804	183.7119	86.8275	83.57663	22.3299	10.71236	66.95774	42.83652	24.12122	28.33498	5
1955.56	1956.686	1312.186	85.73976	91.12257	85.94989	86.33307	37.43924	7.731258	54.82951	37.51569	17.31382	28.8494	5
1955.565	1956.691	1312.191	83.37886	124.1553	84.42952	83.23053	25.10325	11.4684	63.42836	35.20456	28.22379	28.48717	5
1955.57	1956.695	1312.195	85.73976	132.6808	86.60501	88.24898	22.30497	12.78365	64.91138	35.4947	29.41668	28.00665	5
1955.575	1956.699	1312.199	84.63965	82.42895	84.82506	86.75334	40.74678	6.552788	52.70043	21.25129	31.44914	28.85624	5
1955.58	1956.704	1312.204	87.65567	161.741	89.33673	92.27858	7.187242	19.12948	73.68328	66.99955	6.683723	-9999	5
1955.585	1956.708	1312.208	83.47774	84.49159	84.44188	86.83986	35.28145	8.574707	56.14384	34.03644	22.1074	28.40982	5
1955.59	1956.712	1312.212	78.33568	39.7248	78.22443	78.37276	59.17994	0.554717	40.26535	23.4084	16.85694	31.93872	5
1955.595	1956.716	1312.216	74.49149	55.72167	73.9847	74.70162	61.91081	0	38.08919	23.58055	14.50864	31.59412	5
1955.6	1956.721	1312.221	79.38634	66.27929	79.23801	81.74724	52.07453	2.574397	45.35108	18.54031	26.81077	29.94009	5
1955.605	1956.725	1312.225	75.34438	55.15635	74.80051	74.29372	61.55034	0	38.44966	26.22308	12.22658	31.91443	5
1955.61	1956.729	1312.229	76.19727	113.6588	74.57802	72.52613	54.94232	1.956506	43.10117	15.29859	27.80258	30.01106	5
1955.615	1956.734	1312.234	80.41228	197.4781	79.12677	70.96868	28.19376	8.944269	62.86197	27.81913	35.04284	28.28081	5
1955.62	1956.738	1312.238	86.30835	112.6045	86.27127	83.86093	33.63341	8.604605	57.76198	30.26907	27.49291	28.93761	5
1955.625	1956.742	1312.242	81.79668	84.21657	81.89557	83.06984	43.60028	5.243454	51.15627	34.88766	16.26861	29.06882	5
1955.63	1956.747	1312.247	86.12294	190.7401	87.8658	92.37747	1.100594	20.12007	78.77934	78.77934	0	-9999	5
1955.635	1956.751	1312.251	82.88443	84.87356	82.63721	85.76448	45.12284	4.712079	50.16508	20.52833	29.63675	28.88635	5
1955.64	1956.755	1312.255	82.05626	76.02715	81.36406	81.63599	51.47423	2.62444	45.90133	21.19129	24.71004	30.25022	5
1955.645	1956.76	1312.26	81.6978	83.78876	80.51117	78.7065	53.75753	1.763795	44.47867	12.53804	31.94063	30.79795	5
1955.65	1956.764	1312.264	78.6447	77.11194	76.72878	74.44205	63.83412	0	36.16588	15.76978	20.39611	31.3951	5
1955.655	1956.768	1312.268	79.90549	90.55726	77.11197	74.6151	66.22191	0	33.77809	7.749773	26.02831	30.53189	5
1955.66	1956.772	1312.272	72.63738	30.81727	71.63616	71.31478	73.47528	0	26.52472	21.86479	4.659935	30.84955	5
1955.665	1956.777	1312.277	74.00942	76.1341	71.43839	69.2011	73.41238	0	26.58762	17.83925	8.748372	31.09556	5
1955.67	1956.781	1312.281	71.80921	59.92333	70.47425	68.11335	69.78001	0	30.21999	13.00841	17.21158	31.40585	5
1955.675	1956.785	1312.285	68.07627	35.29395	67.96502	66.50646	69.69085	0	30.30915	16.26131	14.04784	30.96126	5
1955.68	1956.79	1312.29	74.20719	92.36015	73.94762	72.83515	51.38993	2.736486	45.87358	27.18043	18.69315	29.69589	5
1955.685	1956.794	1312.294	76.70406	120.4884	75.56687	74.39261	49.08728	3.432472	47.48025	21.49022	25.99003	29.0199	5
1955.69	1956.798	1312.298	78.4222	157.4783	77.91541	77.26029	33.66946	7.626512	58.70403	38.3662	20.33783	27.45555	5
1955.695	1956.803	1312.303	79.53467	124.033	77.97722	74.56566	48.88236	3.211413	47.90622	23.071	24.83522	29.55224	5
1955.7	1956.807	1312.307	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1956.02	1957.084	1312.584	80.42464	69.96148	79.58411	78.52109	55.59276	1.419283	42.98796	20.49346	22.4945	31.10464	9
1956.025	1957.089	1312.589	84.97339	119.6175	83.3665	81.36406	45.33049	3.653813	51.0157	25.15621	25.85949	29.42906	9
1956.03	1957.094	1312.594	84.15758	147.0887	82.21695	80.20215	42.01948	4.422791	53.55773	35.6385	17.91923	28.63157	9
1956.035	1957.099	1312.599	83.15636	204.6133	79.88077	76.80295	39.36559	4.74481	55.8896	24.58062	31.30898	27.56072	9
1956.04	1957.105	1312.605	84.4666	299.1277	79.55939	75.77701	27.9327	6.884814	65.18249	45.37386	19.80863	26.02155	9
1956.045	1957.11	1312.61	85.51726	145.5914	85.12172	80.47408	29.15647	9.311056	61.53248	31.57091	29.96157	28.80045	9
1956.05	1957.115	1312.615	91.27736	234.1013	91.45041	83.8362	0	20.27369	79.72631	79.72631	0	-9999	9
1956.055	1957.121	1312.621	85.08464	155.9198	84.84978	81.05504	25.80965	10.35923	63.83112	45.80027	18.03085	28.53019	9
1956.06	1957.126	1312.626	84.39244	96.7146	83.3665	83.31705	46.90507	3.703404	49.39153	27.85393	21.5376	29.55227	9
1956.065	1957.131	1312.631	82.03154	84.41519	81.20337	80.67186	50.52082	2.82074	46.65844	19.02968	27.62876	30.12238	9
1956.07	1957.137	1312.637	79.48523	105.3624	79.69536	80.67186	39.74737	6.119606	54.13303	27.83752	26.29551	28.36369	9
1956.075	1957.142	1312.642	76.72878	79.77045	77.63112	78.97844	43.11199	5.004511	51.8835	30.64446	21.23904	28.86299	9
1956.08	1957.147	1312.647	74.13303	89.28912	74.41733	74.94884	47.98635	3.529641	48.48401	21.50744	26.97657	29.09173	9
1956.085	1957.153	1312.653	78.7065	101.451	78.48401	78.60761	44.7632	4.571991	50.66481	16.25019	34.41463	28.88548	9
1956.09	1957.158	1312.658	78.80539	68.9378	79.12677	80.54825	48.32541	3.692884	47.98171	15.66836	32.31334	29.60537	9
1956.095	1957.163	1312.663	80.41228	75.2021	80.05382	77.76708	50.59987	2.966986	46.43315	23.6374	22.79575	30.52235	9
1956.1	1957.168	1312.668	78.03902	73.07835	77.77945	78.58289	52.53085	2.385713	45.08344	17.29784	27.7856	30.10671	9
1956.105	1957.174	1312.674	74.75107	51.01581	74.83759	73.46555	58.21262	0.734116	41.05326	13.53402	27.51924	31.62206	9
1956.11	1957.179	1312.679	70.95632	50.49633	71.43839	72.41489	58.76404	0.424432	40.81153	13.34907	27.46245	31.08183	9
1956.115	1957.184	1312.684	71.85866	52.0242	71.29006	70.91924	65.70678	0	34.29322	12.90039	21.39283	31.27045	9
1956.12	1957.19	1312.69	71.04285	47.48641	70.83271	70.91924	64.7774	0	35.2226	11.13437	24.08823	31.20781	9
1956.125	1957.195	1312.695	71.38895	49.7935	71.09229	71.17881	64.57124	0	35.42876	17.68808	17.74069	31.25266	9
1956.13	1957.2	1312.7	70.43717	53.73543	70.6473	72.40253	60.5653	0.08469	39.35001	16.21696	23.13304	31.13683	9
1956.135	1957.206	1312.706	76.95128	77.63142	76.60518	77.09961	53.1003	2.221015	44.67868	24.6674	20.01129	30.08503	9
1956.14	1957.211	1312.711	75.48035	83.63598	76.53101	76.53101	42.17554	5.115693	52.70877	32.74964	19.95913	28.92442	9
1956.145	1957.216	1312.716	72.63738	70.80181	73.13181	72.83515	52.20774	2.256847	45.53541	20.92701	24.60839	30.0215	9
1956.15	1957.221	1312.721	72.93404	68.86141	72.87224	70.33829	56.7152	1.217982	42.06682	19.27607	22.79075	31.10709	9
1956.155	1957.227	1312.727	75.50507	54.51464	75.49271	74.60274	57.43859	0.975249	41.58616	24.0258	17.56037	31.3744	5
1956.16	1957.232	1312.732	76.82767	64.36945	76.6299	76.93892	55.27387	1.608058	43.11807	30.23758	12.88049	30.68888	5
1956.165	1957.237	1312.737	77.90305	90.14473	77.22321	76.33324	51.78293	2.574372	45.6427	22.06802	23.57468	29.97587	5
1956.17	1957.243	1312.743	75.95006	60.74838	75.48035	76.46921	59.06507	0.590324	40.3446	27.72796	12.61665	31.19534	5
1956.175	1957.248	1312.748	73.79929	85.69861	73.11945	67.17394	56.63435	1.441411	41.92424	31.0846	10.83963	31.40644	5
1956.18	1957.253	1312.753	78.53345	112.7267	79.53467	74.94884	32.7099	8.190133	59.09996	23.17111	35.92885	29.03138	5
1956.185	1957.259	1312.759	74.82523	110.5113	75.3691	70.96868	40.20204	5.66864	54.12932	19.90853	34.22079	29.05178	5
1956.19	1957.264	1312.764	63.37919	110.3127	63.14434	52.20509	56.81559	2.092727	41.09169	29.06248	12.0292	31.06168	5
1956.195	1957.269	1312.769	63.86126	98.96058	63.31739	54.6278	61.51419	1.052123	37.43369	26.10972	11.32396	31.69224	5
1956.2	1957.275	1312.775	65.33219	77.15778	64.66471	62.58811	66.39517	0	33.60483	13.76139	19.84344	31.51334	5
1956.205	1957.28	1312.78	68.68195	72.57415	68.42237	69.01569	61.26137	0.314168	38.42446	9.969883	28.45457	30.91855	5
1956.21	1957.285	1312.785	72.2542	105.8819	72.81043	74.59038	43.59192	4.628749	51.77933	33.82807	17.95126	28.05718	5
1956.215	1957.29	1312.79	72.61266	124.6747	73.81165	76.29616	33.73288	7.159726	59.10739	40.19809	18.9093	27.25268	5
1956.22	1957.296	1312.796	73.89818	91.79484	74.34316	77.87833	46.35068	3.936811	49.71251	25.72798	23.98453	28.32464	5
1956.225	1957.301	1312.801	69.62136	77.12722	69.69553	71.26534	56.70879	1.281227	42.00999	18.38239	23.6276	29.95973	5

1956.23	1957.306	1312.806	69.68317	78.60926	70.01691	71.03049	54.28156	1.786213	43.93222	23.72624	20.20598	29.69754	5
1956.235	1957.312	1312.812	67.43351	107.4097	67.17394	66.70423	53.97972	2.458892	43.56139	19.53439	24.027	29.10362	5
1956.24	1957.317	1312.817	71.84629	79.17457	71.80921	72.2542	55.02855	1.713327	43.25812	20.05582	23.20231	30.01633	5
1956.245	1957.322	1312.822	73.18125	96.83683	72.58794	73.41611	53.83693	2.231331	43.93174	28.06597	15.86578	29.47226	5
1956.25	1957.328	1312.828	72.5385	108.2348	70.51134	69.02805	62.78225	0.565856	36.65189	18.87082	17.78107	31.01973	5
1956.255	1957.333	1312.833	73.81165	100.2593	73.19361	74.02178	52.62032	2.536553	44.84313	24.99271	19.85041	29.28298	5
1956.26	1957.338	1312.838	76.2838	101.9705	76.2838	77.90305	45.14205	4.41449	50.44346	16.35286	34.0906	28.49339	5
1956.265	1957.343	1312.843	85.87572	89.79332	86.17238	87.81636	36.96525	8.001483	55.03326	24.94027	30.093	28.60829	5
1956.27	1957.349	1312.849	80.53589	181.6034	79.59647	81.17865	29.23942	8.737848	62.02273	27.45076	34.57196	26.75413	5
1956.275	1957.354	1312.854	83.78676	128.8	83.84856	78.38512	31.2676	8.930909	59.80149	30.16452	29.63698	29.11619	5
1956.28	1957.359	1312.859	85.55435	117.127	84.57785	79.89313	40.51312	5.546386	53.9405	19.35078	34.58971	29.59223	5
1956.285	1957.365	1312.865	84.15758	115.6908	82.55069	78.0761	47.03128	3.245687	49.72303	21.53108	28.19195	30.05835	5
1956.29	1957.37	1312.87	74.00942	124.4456	74.13303	76.53101	40.83755	5.567272	53.59518	25.0692	28.52598	27.48441	5
1956.295	1957.375	1312.875	63.23086	42.52081	62.48922	62.97129	77.28531	0	22.71469	9.817312	12.89738	30.71586	5
1956.3	1957.381	1312.881	61.26551	57.58568	60.07888	58.05172	78.89638	0	21.10362	5.220648	15.88297	31.65239	5
1956.305	1957.386	1312.886	58.20005	45.25571	57.82923	56.04928	78.37794	0	21.62206	11.80575	9.816305	31.03836	5
1956.31	1957.391	1312.891	58.48434	78.53287	58.76864	59.65861	64.98615	0	35.01385	19.8006	15.21325	30.46171	5
1956.315	1957.397	1312.897	59.23835	50.35882	60.12832	60.67219	66.4166	0	33.5834	18.40912	15.17428	29.86884	5
1956.32	1957.402	1312.902	61.35203	48.75455	61.2037	60.46206	72.90708	0	27.09292	18.13076	8.962164	30.62199	5
1956.325	1957.407	1312.907	61.7723	45.22515	61.12954	60.1654	77.20637	0	22.79363	11.99159	10.80203	30.96825	5
1956.33	1957.412	1312.912	61.64869	61.03868	61.82174	62.68699	67.1707	0	32.8293	8.471027	24.35827	30.37482	5
1956.335	1957.418	1312.918	60.94413	65.97372	60.1036	61.37675	74.47987	0	25.52013	23.63594	1.88419	30.79676	5
1956.34	1957.423	1312.923	59.00349	59.34273	58.39782	56.18525	76.04983	0	23.95017	18.36236	5.587808	31.31156	5
1956.345	1957.428	1312.928	55.69082	47.89894	54.98626	54.30642	82.63326	0	17.36674	17.36674	0	31.42438	5
1956.35	1957.434	1312.934	53.84907	60.39697	53.93559	56.82801	75.17222	0	24.82778	23.55113	1.27665	29.91844	5
1956.355	1957.439	1312.939	55.19639	81.61918	55.82679	59.31251	64.5819	0	35.4181	20.73185	14.68625	29.72031	5
1956.36	1957.444	1312.944	55.54249	53.87294	56.03692	55.14695	72.03183	0	27.96817	13.71179	14.25637	30.18657	5
1956.365	1957.45	1312.95	55.27055	31.79512	55.3818	55.3818	80.59451	0	19.40549	18.71609	0.689394	30.3648	5
1956.37	1957.455	1312.955	60.46206	32.58961	59.67097	57.76742	82.61914	0	17.38086	13.49215	3.888707	31.41505	5
1956.375	1957.46	1312.96	60.74636	62.7499	59.13946	55.65374	81.38131	0	18.61869	11.75046	6.868231	32.3827	11
1956.38	1957.466	1312.966	63.9107	115.0797	62.03187	56.19761	67.91381	0.737198	31.34899	8.70707	22.64192	31.97033	11
1956.385	1957.471	1312.971	69.23818	124.8123	69.33707	66.12328	45.32994	4.458963	50.21109	33.10438	17.10671	28.48297	11
1956.39	1957.476	1312.976	82.1057	173.8724	82.60013	83.50246	18.55381	12.5307	68.91548	41.34992	27.56557	27.6768	11
1956.395	1957.481	1312.981	89.37381	240.3961	89.58394	93.16856	0	19.71621	80.28379	80.28379	0	-9999	11
1956.4	1957.487	1312.987	92.26622	318.2415	92.42691	92.34039	0	26.52761	73.47239	73.47239	0	-9999	11
1956.405	1957.492	1312.992	89.75699	259.9988	89.84352	90.21434	0	20.75333	79.24667	79.24667	0	-9999	11
1956.41	1957.497	1312.997	86.87694	235.6444	86.5432	87.08708	5.633741	16.13059	78.23567	71.48176	6.753905	-9999	11
1956.415	1957.503	1313.003	90.26378	260.0905	90.58516	93.39105	0	22.04037	77.95963	77.95963	0	-9999	11
1956.42	1957.508	1313.008	93.55174	236.3778	94.07089	95.71487	0	23.66717	76.33283	76.33283	0	-9999	11
1956.425	1957.513	1313.013	87.95233	220.3809	87.98941	87.84108	5.464283	16.9275	77.60822	71.19497	6.413255	-9999	10
1956.43	1957.519	1313.019	78.73122	172.6806	77.3839	77.17377	36.22029	6.842947	56.93676	39.24412	17.69264	27.12002	10
1956.435	1957.524	1313.024	74.81287	150.0986	73.6386	71.19118	43.94888	5.065787	50.98533	32.71764	18.26769	28.04356	10
1956.44	1957.529	1313.029	75.06008	167.4095	73.99706	74.46677	38.67006	6.476692	54.85325	36.42666	18.42659	26.89629	10
1956.445	1957.534	1313.034	73.93526	159.3575	73.04529	72.04407	40.31232	6.064441	53.62324	20.76405	32.85918	27.32103	10
1956.45	1957.54	1313.04	72.98348	84.56798	72.21712	71.48783	58.32908	1.071679	40.59924	24.62263	15.97661	30.67531	10
1956.455	1957.545	1313.045	73.42847	106.7528	72.72391	73.78693	52.072	2.752304	45.1757	25.18957	19.98613	29.00177	10
1956.46	1957.55	1313.05	70.72147	73.3992	69.9551	69.97982	63.11297	0	36.88703	7.987559	28.89947	31.41792	10
1956.465	1957.556	1313.056	69.99218	89.35023	68.75611	65.08497	63.564	0.248411	36.18759	25.83493	10.35266	31.81378	10
1956.47	1957.561	1313.061	72.57558	122.7038	70.8698	70.00455	56.75595	2.050984	41.19306	16.03769	25.15537	29.55797	10
1956.475	1957.566	1313.066	72.14295	124.8275	70.57314	69.44831	55.58627	2.368451	42.04528	18.66033	23.38494	29.35451	10
1956.48	1957.572	1313.072	70.59786	109.289	70.1776	72.21712	51.85908	2.888369	45.25255	13.18702	32.06553	28.55064	10
1956.485	1957.577	1313.077	69.28762	130.3279	67.28518	66.96381	60.23494	1.9009	37.86416	25.90035	11.96381	29.55397	10
1956.49	1957.582	1313.082	73.08237	201.0227	70.3012	67.70545	45.67074	5.678091	48.65117	15.8067	32.84446	26.89256	10
1956.495	1957.588	1313.088	79.64592	219.9837	77.96486	70.91924	26.51791	9.423256	64.05883	46.8824	17.17643	27.64098	10
1956.5	1957.593	1313.093	77.56931	228.7995	74.66454	67.23574	35.77872	7.342484	56.87879	24.76697	32.11182	27.1882	10
1956.505	1957.598	1313.098	74.78815	149.8389	72.29128	69.39887	54.28462	2.714046	43.00133	27.62691	15.37442	29.15487	10
1956.51	1957.603	1313.103	70.44953	61.63455	69.8933	68.52126	64.58167	0	35.41833	19.24187	16.17645	31.49959	10
1956.515	1957.609	1313.109	70.38773	54.5452	69.84386	69.38651	66.25836	0	33.74164	25.06589	8.675747	31.18571	10
1956.52	1957.614	1313.114	72.22948	59.58719	71.20354	68.81792	67.07982	0	32.92018	8.41528	24.5049	31.54872	10
1956.525	1957.619	1313.119	68.89208	42.26107	68.17516	67.39643	71.94826	0	28.05174	15.51829	12.53346	30.92758	10
1956.53	1957.625	1313.125	68.13807	73.1089	66.85256	65.44344	69.58337	0	30.41663	20.79088	9.625756	31.37827	10
1956.535	1957.63	1313.13	67.27282	52.6048	66.30869	64.55346	72.8507	0	27.1493	15.58991	11.55939	31.19383	10
1956.54	1957.635	1313.135	67.27282	41.49713	67.1863	66.51882	68.73727	0	31.26273	15.78823	15.47451	30.82179	10
1956.545	1957.641	1313.141	68.66959	45.50017	68.10099	65.97495	70.21954	0	29.78046	23.47506	6.305401	31.20832	10
1956.55	1957.646	1313.146	66.50646	41.20684	65.69065	63.31739	75.16452	0	24.83548	14.92662	9.908865	31.20008	10
1956.555	1957.651	1313.151	64.40513	38.73168	64.04667	62.58811	74.15229	0	25.84771	14.48789	11.35982	30.83004	10
1956.56	1957.656	1313.156	63.55224	44.56817	63.13198	61.8341	74.00349	0	25.99651	12.40302	13.59349	30.85463	10
1956.565	1957.662	1313.162	68.89208	73.38392	67.89086	66.22216	66.61983	0	33.38017	6.102781	27.27739	31.4884	10
1956.57	1957.667	1313.167	68.01447	57.17315	67.01325	64.65235	71.35024	0	28.64976	11.69571	16.95405	31.35633	10
1956.575	1957.672	1313.172	68.27404	63.40689	67.71781	66.87728	66.15422	0	33.84578	12.947	20.89878	31.22831	10
1956.58	1957.678	1313.178	63.0949	27.62401	62.94657	63.19378	76.41723	0	23.58277	9.870846	13.71192	30.34666	10
1956.585	1957.683	1313.183	60.98121	29.30468	60.80816	61.35203	78.14669	0	21.85331	10.5923	11.261	30.33058	10
1956.59	1957.688	1313.188	62.93421	43.91118	62.86004	63.82418	72.0488	0	27.9512	21.75048	6.200721	30.26716	10

1956.595	1957.694	1313.194	60.3879	44.1862	60.35081	60.26429	74.03746	0	25.96254	8.810699	17.15184	30.38975	10
1956.6	1957.699	1313.199	62.20492	64.44584	61.98243	61.99479	68.8999	0	31.1001	20.32808	10.77202	30.71155	10
1956.605	1957.704	1313.204	73.40375	139.9077	72.89696	70.5855	42.53852	5.331636	52.12985	28.05108	24.07876	28.05999	10
1956.61	1957.71	1313.21	76.4074	132.2072	76.70406	77.44571	35.41196	7.115591	57.47245	24.21367	33.25879	27.5952	10
1956.615	1957.715	1313.215	74.36788	126.0498	74.63982	75.04772	38.96998	6.052284	54.97773	36.61201	18.36572	27.76125	10
1956.62	1957.72	1313.22	79.3987	214.3	79.15149	78.24915	17.00851	12.33146	70.66003	52.56589	18.09414	27.31956	10
1956.625	1957.725	1313.225	73.18125	121.8635	73.3543	73.0082	41.84115	5.27215	52.8867	27.37004	25.51666	28.04548	10
1956.63	1957.731	1313.231	64.4793	114.9269	64.31861	63.71293	54.11208	2.638537	43.24938	26.13668	17.1127	28.75791	4
1956.635	1957.736	1313.236	67.82906	110.5877	67.52004	67.23574	53.22993	2.671026	44.09904	31.96049	12.13856	28.92362	4
1956.64	1957.741	1313.241	74.34316	90.55726	74.31844	73.97234	49.88103	3.085923	47.03305	21.59695	25.4361	29.42396	4
1956.645	1957.747	1313.247	75.27022	92.19209	76.25908	77.69292	40.77726	5.486495	53.73624	31.67167	22.06457	28.39629	4
1956.65	1957.752	1313.252	77.23557	86.41671	77.54459	78.33568	45.63554	4.313891	50.05057	30.51998	19.53059	29.04543	4
1956.655	1957.757	1313.257	73.86109	61.63455	73.91054	74.49149	56.74905	1.15202	42.09893	15.17771	26.92122	30.74495	4
1956.66	1957.763	1313.263	74.20719	51.44361	73.88582	73.50263	61.77071	0	38.22929	18.54893	19.68036	31.8281	4
1956.665	1957.768	1313.268	73.04529	56.92869	72.40253	71.36423	64.00297	0	35.99703	18.69965	17.29738	31.58625	4
1956.67	1957.773	1313.273	75.85117	96.65349	75.29494	76.6917	51.13758	2.820022	46.04239	22.5373	23.50509	29.20521	4
1956.675	1957.779	1313.279	73.2307	103.7581	71.46311	70.41245	61.21708	0.72981	38.05311	28.15829	9.894826	30.80793	4
1956.68	1957.784	1313.284	77.16141	81.06914	75.98714	73.39139	58.49336	0.771889	40.73475	28.9086	11.82615	31.41431	4
1956.685	1957.789	1313.289	78.80539	110.5266	78.28624	76.30852	44.77502	4.52549	50.69949	26.59825	24.10124	29.09996	4
1956.69	1957.794	1313.294	75.3691	109.5793	75.81409	75.80173	40.69359	5.575382	53.73103	20.24601	33.48502	28.30519	4
1956.695	1957.8	1313.3	75.07245	93.27688	75.55451	72.76099	44.62431	4.458334	50.91735	36.18108	14.73627	29.38104	4
1956.7	1957.805	1313.305	84.39244	104.4762	84.68909	84.66437	34.77662	8.282027	56.94136	38.07127	18.87009	28.5622	4
1956.705	1957.81	1313.31	76.82767	68.73918	77.07488	78.7683	50.76775	2.855804	46.37645	14.29834	32.0781	29.73483	4
1956.71	1957.816	1313.316	76.71642	136.1185	76.23435	78.73122	40.21624	5.827522	53.95624	35.9245	18.03175	27.3478	4
1956.715	1957.821	1313.321	78.10082	198.0128	76.77823	70.70911	30.47827	8.506686	61.01504	34.38237	26.63267	27.64543	4
1956.72	1957.826	1313.326	66.18508	30.67977	66.56826	64.09612	68.71556	0	31.28444	9.18526	22.09918	30.90797	4
1956.725	1957.832	1313.332	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1957.02	1958.145	1313.645	85.43074	62.49016	83.94745	80.23923	57.77658	0.256712	41.96671	18.61334	23.35336	32.44178	4
1957.025	1958.15	1313.65	86.06114	62.50544	86.23419	87.26013	44.3563	5.827756	49.81594	23.0166	26.79935	29.65957	4
1957.03	1958.155	1313.655	84.67673	48.99901	84.88687	86.40724	48.61112	4.392	46.99688	27.38317	19.61371	30.19472	4
1957.035	1958.16	1313.66	84.72618	38.88446	84.35535	83.67551	55.51575	1.895086	42.58917	16.14564	26.44353	31.78818	4
1957.04	1958.166	1313.666	85.71503	36.1954	85.24533	84.08342	56.02312	1.759155	42.21773	20.58818	21.62955	32.05752	4
1957.045	1958.171	1313.671	87.22304	60.68727	86.43196	84.59021	51.1994	2.865435	45.93516	23.07971	22.85545	31.13593	4
1957.05	1958.176	1313.676	91.68527	116.0422	90.20198	86.85222	39.06281	5.35425	55.58294	38.77131	16.81163	29.67227	4
1957.055	1958.182	1313.682	88.97827	94.63669	88.27371	87.50734	40.69827	6.105159	53.19657	19.66382	33.53275	29.37882	4
1957.06	1958.187	1313.687	86.0735	112.0086	85.28241	84.49132	39.83721	5.951531	54.21126	32.98773	21.22353	28.92588	4
1957.065	1958.192	1313.692	76.92655	66.81405	77.00072	76.25908	52.48379	2.381768	45.13444	14.35172	30.78272	30.43959	4
1957.07	1958.198	1313.698	77.0378	67.73078	77.21085	77.80417	51.39324	2.691422	45.91534	15.60409	30.31125	30.04149	4
1957.075	1958.203	1313.703	73.87345	75.90492	74.39261	76.88947	49.64401	2.997308	47.35868	26.37478	20.9839	29.15909	4
1957.08	1958.208	1313.708	75.27022	79.35792	75.82645	77.28502	47.23598	3.730617	49.0334	16.01799	33.01541	29.10814	4
1957.085	1958.214	1313.714	75.55451	94.86587	76.84003	77.09961	37.56956	6.401065	56.02938	34.97727	21.05211	28.44172	4
1957.09	1958.219	1313.719	76.80295	86.40143	77.22321	77.9525	45.17509	4.416154	50.40876	29.81421	20.59455	28.99377	4
1957.095	1958.224	1313.724	74.39261	62.73462	74.24428	76.39504	57.52657	0.987185	41.48624	29.50214	11.9841	30.57977	4
1957.1	1958.229	1313.729	73.65096	81.8942	74.84995	77.54459	43.13054	4.631411	52.23805	25.17876	27.05928	28.43804	4
1957.105	1958.235	1313.735	76.41976	85.59166	76.6299	76.44449	47.35211	3.789264	48.85863	19.59076	29.26787	29.35166	4
1957.11	1958.24	1313.74	78.27387	91.26008	77.42098	74.99828	52.513	2.350816	45.13619	22.42418	22.712	30.34672	4
1957.115	1958.245	1313.745	78.84247	74.37704	78.95371	79.36162	48.60352	3.5707	47.82578	32.15937	15.6664	29.71243	4
1957.12	1958.251	1313.751	76.44449	106.3249	77.55695	77.97722	35.31883	7.153	57.52817	36.10415	21.42403	28.16736	4
1957.125	1958.256	1313.756	74.93648	155.1712	74.46677	70.59786	37.14725	6.741993	56.11075	22.8077	33.30305	27.90825	4
1957.13	1958.261	1313.761	71.26534	131.1071	71.562	62.63755	40.40887	5.637627	53.9535	21.39098	32.56252	29.24769	4
1957.135	1958.267	1313.767	69.75733	113.2768	67.38407	63.2185	66.80304	0.277022	32.91994	15.91265	17.00728	31.95289	4
1957.14	1958.272	1313.772	69.36179	146.2025	66.32105	59.70806	64.37188	1.628813	33.99931	25.9521	8.047204	31.06771	4
1957.145	1958.277	1313.777	73.05765	161.4966	71.84629	69.59664	43.09277	5.52675	51.38048	31.52263	19.85785	27.5659	4
1957.15	1958.282	1313.782	74.25664	135.5991	74.34316	77.69292	38.19835	6.314299	55.48735	34.59022	20.89713	26.97938	4
1957.155	1958.288	1313.788	72.82279	110.4808	73.39139	76.48157	41.86008	5.119509	53.02041	35.58958	17.43083	27.63774	4
1957.16	1958.293	1313.793	74.83759	135.9658	76.86475	77.37154	22.53521	10.45353	67.01125	35.24398	31.76728	27.89482	4
1957.165	1958.298	1313.798	76.71642	123.2997	78.39748	80.39992	26.55416	9.704671	63.74116	43.33308	20.40808	27.67947	4
1957.17	1958.304	1313.804	78.71886	156.8671	79.07732	78.84247	26.83873	9.686381	63.47489	34.77242	28.70247	27.51414	4
1957.175	1958.309	1313.809	77.71764	125.3623	77.56931	80.39992	39.31164	6.074157	54.6142	25.22365	29.39055	27.51794	4
1957.18	1958.314	1313.814	78.02666	132.8642	78.94135	82.08098	28.97347	9.128597	61.89794	31.38239	30.51555	27.24523	4
1957.185	1958.32	1313.82	75.92534	117.2493	75.55451	74.94884	44.64824	4.596521	50.75524	32.97679	17.77845	28.52127	4
1957.19	1958.325	1313.825	77.00072	158.4561	75.80173	74.24428	40.10514	5.91885	53.97601	34.16614	19.80987	27.64582	4
1957.195	1958.33	1313.83	78.65706	177.2643	78.74358	79.13913	24.06699	10.39693	65.53609	38.2052	27.33088	27.14653	4
1957.2	1958.336	1313.836	81.0674	191.9166	82.24167	85.07228	9.873586	15.17754	74.94887	66.27035	8.678522	27.99773	4
1957.205	1958.341	1313.841	82.57541	185.8815	83.58899	85.59143	11.19206	15.08702	73.72092	55.10163	18.6193	28.09988	4
1957.21	1958.346	1313.846	81.21573	167.272	80.83255	80.80782	27.77138	9.358541	62.87008	28.37935	34.49073	27.38009	4
1957.215	1958.351	1313.851	80.46172	172.8793	79.73244	79.06496	29.79038	8.649271	61.56035	40.64709	20.91326	27.30565	4
1957.22	1958.357	1313.857	80.82019	145.9122	79.99202	77.82889	36.75298	6.670729	56.57629	38.77476	17.80154	28.14328	4
1957.225	1958.362	1313.862	82.60013	185.3926	81.32698	77.51987	29.00983	8.579425	62.41074	35.23523	27.17551	27.82159	4
1957.23	1958.367	1313.867	80.67186	114.0102	79.69536	78.03902	45.75929	4.11425	50.12646	27.17141	22.95505	29.17504	4
1957.235	1958.373	1313.873	82.08098	63.29994	81.99445	81.68544	49.83748	3.424034	46.73848	32.99746	13.74102	30.34732	4
1957.24	1958.378	1313.878	83.31705	63.10131	83.10692	83.52719	49.70632	3.503599	46.79008	15.82096	30.96912	30.26049	4
1957.245	1958.383	1313.883	83.53955	77.38696	82.68666	80.96851	51.02587	2.67662	46.29751	31.21858	15.07893	30.61235	4

1957.25	1958.389	1313.889	83.7126	101.3593	82.30347	82.51361	49.37616	2.756082	47.86776	33.48878	14.37899	29.65914	4
1957.255	1958.394	1313.894	86.50612	92.7574	86.24655	88.29843	39.97879	6.588157	53.43306	23.92796	29.5051	28.69753	4
1957.26	1958.399	1313.899	83.45302	73.29225	83.53955	84.70145	44.81593	5.121729	50.06234	19.8656	30.19674	29.41734	4
1957.265	1958.404	1313.904	81.61127	69.53367	81.26517	81.27753	50.77276	2.98131	46.24593	16.8363	29.40963	30.27674	4
1957.27	1958.41	1313.91	82.24167	69.35033	82.36528	83.0204	46.59693	4.479734	48.92334	21.28733	27.636	29.70071	4
1957.275	1958.415	1313.915	83.32941	50.61856	83.32941	82.92151	51.08725	3.284222	45.62853	23.00766	22.62087	30.79696	4
1957.28	1958.42	1313.92	83.09456	74.57567	82.95859	82.92151	46.55945	4.413067	49.02749	20.28983	28.73765	29.77893	4
1957.285	1958.426	1313.926	81.90793	82.322	81.83377	80.06618	45.29755	4.680354	50.02209	20.58318	29.43891	29.78529	4
1957.29	1958.431	1313.931	83.0822	125.3165	83.65079	85.29477	28.83119	9.915883	61.25292	44.27934	16.97358	27.83109	4
1957.295	1958.436	1313.936	87.50734	181.1451	90.9189	92.68649	0	27.49097	72.50903	72.50903	0	-9999	4
1957.3	1958.442	1313.942	85.49254	154.835	87.13652	87.38373	11.13596	16.86849	71.99555	48.6809	23.31465	28.90475	2
1957.305	1958.447	1313.947	88.07593	152.5432	88.92883	88.75577	15.44478	15.54144	69.01378	39.78824	29.22553	28.57916	2
1957.31	1958.452	1313.952	88.85466	60.29002	88.54564	87.89052	46.05842	5.243958	48.69762	34.39124	14.30639	30.29891	2
1957.315	1958.458	1313.958	85.54198	73.41448	85.71503	85.36893	42.19393	6.317909	51.48816	21.41198	30.07618	29.53834	2
1957.32	1958.463	1313.963	77.65584	77.99811	77.68056	79.41106	49.4895	3.244279	47.26623	22.78124	24.48499	29.43339	2
1957.325	1958.468	1313.968	80.437	122.3218	78.96608	76.0613	47.79576	3.4324	48.77184	26.98733	21.78451	29.43156	2
1957.33	1958.473	1313.973	76.58045	74.10202	76.71642	76.66698	50.55954	2.904198	46.53626	27.94143	18.59484	29.90551	2
1957.335	1958.479	1313.979	68.12571	68.0058	67.9403	67.5324	62.30388	0.013634	37.68249	19.41414	18.26835	31.35257	2
1957.34	1958.484	1313.984	72.79807	158.6547	70.21468	68.31113	54.65263	3.119069	42.2283	30.35797	11.87033	28.63136	2
1957.345	1958.489	1313.989	76.55573	68.15858	77.02544	78.33568	49.43411	3.210531	47.35536	21.65959	25.69576	29.64488	2
1957.35	1958.495	1313.995	77.92777	94.80475	77.71764	79.41106	46.99222	3.932406	49.07537	18.16835	30.90702	28.86591	2
1957.355	1958.5	1314	83.11928	91.04618	81.62363	84.68909	53.08836	1.709844	45.20179	27.40846	17.79333	29.76311	2
1957.36	1958.505	1314.005	85.1588	86.08058	84.62729	86.02405	44.94162	4.730234	50.32815	32.43732	17.89083	29.27468	2
1957.365	1958.511	1314.011	78.52109	123.5594	77.16141	77.42098	48.39675	3.467067	48.13618	15.93762	32.19856	28.73939	2
1957.37	1958.516	1314.016	75.6534	138.1201	75.10953	74.77579	41.18883	5.600994	53.21018	25.04848	28.1617	27.80151	2
1957.375	1958.521	1314.021	72.55086	99.14392	71.89574	71.54964	54.33755	2.168974	43.49347	21.43955	22.05393	29.65067	2
1957.38	1958.527	1314.027	80.07854	172.3751	78.45929	75.08481	37.16221	6.409144	56.42865	28.70434	27.72431	27.8288	2
1957.385	1958.532	1314.032	80.14035	125.4998	80.10326	81.71016	36.18732	7.085619	56.72706	22.63567	34.09139	27.76103	2
1957.39	1958.537	1314.037	72.18003	68.44888	73.31722	76.23435	48.21654	3.1091	48.67436	24.77428	23.90008	29.01797	2
1957.395	1958.542	1314.042	68.92916	47.02805	69.04041	70.07871	64.34222	0	35.65778	21.17469	14.48309	30.8656	2
1957.4	1958.548	1314.048	71.78449	49.35042	72.15531	74.269	59.1416	0.370285	40.48812	28.01065	12.47747	30.99326	2
1957.405	1958.553	1314.053	67.29755	46.66136	67.00089	66.77839	69.09331	0	30.90669	17.84524	13.06145	30.79274	2
1957.41	1958.558	1314.058	70.16523	41.13044	70.26412	71.31478	64.72805	0	35.27195	9.700024	25.57192	30.92792	2
1957.415	1958.564	1314.064	70.21468	52.29922	70.1776	70.41245	63.03347	0	36.96653	19.98742	16.97911	31.25936	2
1957.42	1958.569	1314.069	72.47669	138.2881	73.53971	75.35674	31.61729	7.785409	60.5973	42.50617	18.09113	27.08742	2
1957.425	1958.574	1314.074	69.10221	213.9639	66.8402	66.40757	42.17732	7.197053	50.62563	23.83738	26.78825	25.62485	2
1957.43	1958.58	1314.08	65.35691	235.1402	61.68577	57.97755	51.41902	7.033274	41.54771	22.2429	19.3048	25.99783	2
1957.435	1958.585	1314.085	58.79336	87.59318	57.8045	59.53501	72.37621	0	27.62379	5.395386	22.2284	31.04676	2
1957.44	1958.59	1314.09	59.15182	47.60864	58.85517	59.57209	76.35813	0	23.64187	6.904268	16.7376	30.45898	2
1957.445	1958.595	1314.095	59.68333	57.53984	58.34838	58.70684	81.51262	0	18.48738	13.41558	5.071796	31.51392	2
1957.45	1958.601	1314.101	62.14312	48.03645	61.8341	61.04302	73.5984	0	26.4016	8.306104	18.0955	30.71023	2
1957.455	1958.606	1314.106	52.99618	44.33898	52.84785	53.28048	81.66303	0	18.33697	14.25508	4.081892	30.72134	2
1957.46	1958.611	1314.111	57.32244	91.16841	56.29649	55.83915	73.15165	0	26.84835	14.44794	12.40041	31.58009	2
1957.465	1958.617	1314.117	63.92307	134.224	62.45214	58.95405	60.10826	2.450842	37.4409	13.1537	24.28719	29.58415	2
1957.47	1958.622	1314.122	67.79197	162.6119	65.8019	62.79824	53.7024	4.015767	42.28183	16.12567	26.15617	28.18775	2
1957.475	1958.627	1314.127	69.72025	129.9459	67.64365	64.59055	60.50413	1.798866	37.697	28.33722	9.359784	30.13933	2
1957.48	1958.633	1314.133	73.24306	119.8925	72.6621	70.33829	48.1048	3.820481	48.07472	22.87325	25.20147	28.89425	2
1957.485	1958.638	1314.138	70.77091	90.03778	69.22582	68.55834	65.07608	0	34.92392	18.48044	16.44348	31.48949	2
1957.49	1958.643	1314.143	77.00072	98.99114	76.82767	74.97356	46.54462	4.043592	49.41179	30.33524	19.07654	29.34222	2
1957.495	1958.649	1314.149	79.47287	108.9529	79.84369	81.61127	37.64449	6.755597	55.59991	26.7905	28.80941	28.0465	2
1957.5	1958.654	1314.154	85.99933	143.9566	87.08708	87.43318	17.61311	14.48956	67.89733	46.96012	20.93721	28.38031	2
1957.505	1958.659	1314.159	82.82262	292.9245	88.4344	80.69658	0	38.13847	61.86153	61.86153	0	-9999	2
1957.51	1958.664	1314.164	67.5324	121.8023	67.49532	63.86126	48.68141	3.743024	47.57556	24.53908	23.03648	28.7743	2
1957.515	1958.67	1314.17	71.31478	134.2698	71.6856	73.66332	39.02324	5.985377	54.99139	33.46311	21.52828	27.1173	2
1957.52	1958.675	1314.175	70.09107	127.6999	70.40009	71.98226	42.21794	5.153785	52.62828	17.95641	34.67187	27.39185	2
1957.525	1958.68	1314.18	69.25054	76.83692	69.65844	68.60778	54.53371	1.681327	43.78496	31.73741	12.04756	30.1161	2
1957.53	1958.686	1314.186	74.34316	107.4097	75.44327	76.56809	37.08532	6.406057	56.50862	26.00142	30.50721	27.96128	2
1957.535	1958.691	1314.191	72.58794	183.5438	74.39261	77.24793	14.81532	12.25462	72.93006	59.15841	13.77165	27.20282	2
1957.54	1958.696	1314.196	72.71155	133.5517	70.9934	70.43717	54.10146	2.775531	43.12301	13.97078	29.15223	28.88318	2
1957.545	1958.702	1314.202	72.20476	93.03242	69.46067	67.71781	72.32442	0	27.67558	20.54432	7.13126	31.3202	2
1957.55	1958.707	1314.207	81.05504	265.6214	85.76448	87.26013	0	30.97952	69.02048	69.02048	0	-9999	2
1957.555	1958.712	1314.212	70.82035	170.3735	69.609	66.65479	43.00285	5.848051	51.1491	19.08823	32.06087	27.31597	2
1957.56	1958.717	1314.217	75.67812	118.9605	75.86353	74.21955	40.15076	5.772401	54.07684	24.37001	29.70683	28.39511	2
1957.565	1958.723	1314.223	88.53328	166.0038	89.64575	88.59509	9.754848	17.80327	72.44189	51.34539	21.09649	29.18639	2
1957.57	1958.728	1314.228	94.28102	125.0414	94.61476	95.39349	20.41495	15.76606	63.81899	42.18864	21.63035	28.40199	2
1957.575	1958.733	1314.233	91.53694	66.96684	92.09317	91.64819	35.26924	10.89621	53.83455	26.49033	27.34422	29.24925	2
1957.58	1958.739	1314.239	86.90167	113.3379	85.90045	85.66559	40.38215	5.600411	54.01744	22.83589	31.18155	28.89058	2
1957.585	1958.744	1314.244	81.01796	78.80788	80.17743	78.92899	52.90608	2.157839	44.93608	16.0637	28.87239	30.59707	2
1957.59	1958.749	1314.249	81.71016	154.6975	82.35292	82.7979	22.40848	11.48076	66.11076	49.03917	17.07159	27.76745	2
1957.595	1958.755	1314.255	84.08342	112.7726	84.57785	84.20703	31.52046	9.320552	59.15899	37.19831	21.96067	28.41858	2
1957.6	1958.76	1314.26	75.55451	105.2707	74.42969	75.50507	53.73174	2.24442	44.02384	17.41138	26.61246	29.37933	2
1957.605	1958.765	1314.265	74.08359	159.5256	71.64852	67.84142	52.10965	3.44899	44.44136	22.5943	21.84707	28.75842	2
1957.61	1958.771	1314.271	83.7744	140.0299	83.00803	80.95615	34.97965	7.220914	57.79944	36.30873	21.49071	28.35618	2

1957.615	1958.776	1314.276	81.73488	80.74829	81.20337	79.62119	49.38204	3.281518	47.33644	17.28809	30.04836	30.20543	2
1957.62	1958.781	1314.281	86.61737	81.78724	86.45668	86.80278	41.76485	6.235513	51.99964	31.93229	20.06735	29.30138	2
1957.625	1958.786	1314.286	83.00803	96.07289	81.77196	78.05138	49.96253	2.735558	47.30191	24.88696	22.41495	30.49156	2
1957.63	1958.792	1314.292	75.91297	71.00043	75.18369	74.17011	58.6299	0.759396	40.6107	10.64563	29.96507	31.2596	2
1957.635	1958.797	1314.297	73.16889	86.63061	72.21712	70.70911	59.09628	0.925904	39.97782	11.88899	28.08883	30.90009	2
1957.64	1958.802	1314.302	81.63599	100.5801	80.84491	78.60761	46.68542	3.908406	49.40618	27.53928	21.8669	29.67346	2
1957.645	1958.808	1314.308	78.7683	105.1026	79.69536	81.4135	34.91365	7.593474	57.49288	24.26907	33.22381	28.02364	2
1957.65	1958.813	1314.313	66.75367	76.59246	67.05033	68.08863	57.75215	0.990976	41.25688	14.3433	26.91357	30.03673	2
1957.655	1958.818	1314.318	62.16784	32.28404	62.36561	63.99723	73.46012	0	26.53988	13.48086	13.05902	29.88803	2
1957.66	1958.824	1314.324	63.5646	22.68897	63.49044	63.41628	76.60461	0	23.39539	13.9201	9.475295	30.34504	2
1957.665	1958.829	1314.329	66.04911	40.07621	65.38163	65.01081	74.70934	0	25.29066	20.60585	4.684804	30.76255	2
1957.67	1958.834	1314.334	70.5237	65.6987	69.05277	68.06391	70.6188	0	29.3812	14.73604	14.64516	31.17006	2
1957.675	1958.84	1314.34	78.45929	135.6449	78.22443	74.05887	36.81151	6.781407	56.40708	21.425	34.98209	28.56018	2
1957.68	1958.845	1314.345	73.72513	106.9055	73.67568	73.76221	46.68493	3.992912	49.32216	28.61133	20.71083	28.63899	2
1957.685	1958.85	1314.35	74.45441	69.07531	73.56444	70.56078	61.68301	0.057376	38.25962	17.70336	20.55626	32.1117	2
1957.69	1958.855	1314.355	70.53606	83.8346	68.44709	65.44344	71.00832	0	28.99168	8.428592	20.56309	31.67802	2
1957.695	1958.861	1314.361	69.64608	83.28456	68.42237	65.36927	65.25451	0	34.74549	18.9454	15.80009	31.88805	2
1957.7	1958.866	1314.366	73.28014	62.04708	73.31722	71.6238	57.27949	1.014769	41.70574	16.76333	24.94241	31.19484	2
1957.705	1958.871	1314.371	74.15775	160.5798	71.63616	71.85866	52.45686	3.379642	44.1635	16.46532	27.69817	28.03734	2
1957.71	1958.877	1314.377	89.70755	118.4716	89.02771	89.02771	34.0677	8.097844	57.83446	25.65836	32.1761	28.5789	2
1957.715	1958.882	1314.382	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1958.03	1959.216	1314.716	94.61476	610.9215	91.22792	89.28729	0	30.85557	69.14443	69.14443	0	-9999	-9999
1958.035	1959.221	1314.721	103.9224	583.2822	104.5652	95.04739	0	58.81493	41.18507	41.18507	0	-9999	-9999
1958.04	1959.227	1314.727	103.465	814.9389	101.3514	94.52824	0	52.29111	47.70889	47.70889	0	-9999	-9999
1958.045	1959.232	1314.732	96.46887	365.7737	95.6407	94.09561	0	27.23366	72.76634	72.76634	0	-9999	-9999
1958.05	1959.237	1314.737	96.13513	352.7867	95.05975	96.9015	0	24.85892	75.14108	75.14108	0	-9999	-9999
1958.055	1959.243	1314.743	88.74341	347.9892	87.60623	87.42082	0	21.51321	78.48679	78.48679	0	-9999	-9999
1958.06	1959.248	1314.748	94.89906	393.3824	93.37869	94.42935	0	24.85562	75.14438	75.14438	0	-9999	-9999
1958.065	1959.253	1314.753	99.80627	371.0602	98.38478	92.82246	0	25.72126	74.27874	74.27874	0	-9999	-9999
1958.07	1959.259	1314.759	99.16351	448.2943	97.60606	95.39349	0	29.83566	70.16434	70.16434	0	-9999	-9999
1958.075	1959.264	1314.764	94.24394	404.6429	92.78537	90.09073	0	25.70567	74.29433	74.29433	0	-9999	-9999
1958.08	1959.269	1314.769	86.27127	346.0641	83.20581	79.59647	0.640249	14.72791	84.63184	84.63184	0	-9999	9
1958.085	1959.275	1314.775	76.24671	220.6865	72.87224	68.44709	42.5991	5.967378	51.43352	35.93782	15.4957	26.88527	9
1958.09	1959.28	1314.78	70.20232	105.179	68.96624	65.9255	59.54011	1.340274	39.11962	17.44824	21.67138	30.60595	9
1958.095	1959.285	1314.785	68.36057	94.74364	66.88964	64.51638	65.58	0.131397	34.2886	18.2968	15.9918	31.70013	9
1958.1	1959.29	1314.79	69.65844	94.56029	68.69431	66.75367	60.5027	0.947996	38.5493	29.09739	9.451916	30.77718	9
1958.105	1959.296	1314.796	74.78815	94.05609	73.95998	72.03171	54.85164	1.915038	43.23332	27.89901	15.33431	30.2707	9
1958.11	1959.301	1314.801	76.17255	73.46032	75.60396	75.38146	56.55046	1.299199	42.15034	23.78886	18.36148	30.73676	9
1958.115	1959.306	1314.806	78.18735	116.4395	77.30974	77.80417	46.69077	3.978146	49.33108	29.34636	19.98472	28.64045	9
1958.12	1959.312	1314.812	78.9908	93.87275	77.90305	74.0465	53.04128	2.147022	44.8117	17.49699	27.31471	30.67101	9
1958.125	1959.317	1314.817	82.92151	148.7999	82.30347	80.00438	32.49241	7.987603	59.51998	26.72657	32.79341	28.15795	5
1958.13	1959.322	1314.822	78.11319	125.6679	77.81653	75.3073	40.02334	5.872368	54.10429	32.99031	21.11398	28.54321	5
1958.135	1959.328	1314.828	72.2542	167.5317	70.91924	67.63129	43.3294	5.633399	51.0372	24.75841	26.27879	27.56348	5
1958.14	1959.333	1314.833	66.48174	89.12105	66.16036	65.59176	59.76019	0.997631	39.24217	21.20966	18.03251	30.31315	5
1958.145	1959.338	1314.838	82.42708	198.0128	82.42708	71.43839	16.24798	12.88627	70.86575	55.83854	15.0272	29.69093	5
1958.15	1959.343	1314.843	72.09351	142.8412	71.43839	66.29633	44.18357	5.039938	50.77649	21.38923	29.38726	28.51127	5
1958.155	1959.349	1314.849	69.59664	98.63973	68.95388	66.34577	57.08165	1.67534	41.24301	28.64876	12.59425	30.25608	5
1958.16	1959.354	1314.854	71.58672	88.0821	70.98104	70.07871	57.51834	1.337507	41.14415	21.58898	19.55518	30.3892	5
1958.165	1959.359	1314.859	69.28762	100.0607	69.32471	68.94152	51.75332	2.707252	45.53943	18.07709	27.46233	29.10442	5
1958.17	1959.365	1314.865	69.76969	122.7955	70.41245	69.46067	41.11401	5.264015	53.62198	26.90932	26.71266	27.90176	5
1958.175	1959.37	1314.87	66.53118	83.36096	65.38163	63.02073	67.52696	0	32.47304	23.93517	8.537872	31.68511	5
1958.18	1959.375	1314.875	61.17898	56.86757	60.67219	61.17898	73.881	0	26.119	4.736434	21.38256	30.64175	5
1958.185	1959.381	1314.881	63.73765	99.83147	64.42986	63.66349	51.83758	2.475348	45.68707	21.97332	23.71374	28.85438	5
1958.19	1959.386	1314.886	62.78588	179.5102	61.4262	59.51028	49.33304	5.540632	45.12633	32.32806	12.79827	26.70773	5
1958.195	1959.391	1314.891	63.14434	102.9025	62.01951	58.73156	65.72221	0.633478	33.64431	22.77593	10.86838	31.29319	5
1958.2	1959.397	1314.897	65.36927	88.38767	64.39277	61.63633	66.03831	0.02201	33.93968	6.860827	27.07885	31.79654	5
1958.205	1959.402	1314.902	66.72895	91.73372	66.22216	63.53988	60.33743	0.976673	38.6859	19.17848	19.50742	30.74885	5
1958.21	1959.407	1314.907	60.1654	93.96442	58.83044	56.65496	72.25437	0	27.74563	15.15967	12.58596	31.98354	5
1958.215	1959.412	1314.912	67.1245	76.56191	66.53118	64.44222	64.31568	0	35.68432	11.79779	23.88653	31.61224	5
1958.22	1959.418	1314.918	68.15044	84.14017	67.92794	67.91558	58.664	1.056074	40.27993	18.26555	22.01438	30.26805	5
1958.225	1959.423	1314.923	70.61022	60.71782	70.33829	67.58184	62.45239	0	37.54761	21.81559	15.73203	31.91651	5
1958.23	1959.428	1314.928	75.3691	88.54046	74.92412	72.04407	52.68228	2.385784	44.93194	19.26365	25.66829	30.31055	5
1958.235	1959.434	1314.934	76.20963	130.1293	75.38146	72.64974	44.81417	4.61267	50.57316	21.53652	29.03665	28.66538	5
1958.24	1959.439	1314.939	74.88703	84.64437	73.9847	72.64974	57.61307	1.159584	41.22734	19.29182	21.93552	30.78505	5
1958.245	1959.444	1314.944	78.0143	84.14017	77.3221	76.64226	53.22948	2.167004	44.60352	22.38332	22.2202	30.23494	5
1958.25	1959.45	1314.95	74.84995	103.4525	74.269	73.51499	50.60493	3.022648	46.37243	18.71545	27.65697	29.31725	5
1958.255	1959.455	1314.955	77.54459	138.3492	77.00072	70.94396	39.39347	6.040722	54.56581	18.85938	35.70643	28.88348	5
1958.26	1959.46	1314.96	72.50141	106.0346	71.50019	70.43717	55.39776	2.053528	42.54871	20.69596	21.85274	29.75932	9
1958.265	1959.465	1314.965	70.5237	79.0829	70.22704	67.43351	58.27923	1.025901	40.69487	29.1866	11.50826	30.99439	9
1958.27	1959.471	1314.971	70.36301	67.47104	70.20232	69.02805	60.18339	0.420654	39.39596	14.5936	24.80236	31.26801	9
1958.275	1959.476	1314.976	73.83637	105.1943	73.79929	73.16889	46.9009	3.92676	49.17234	21.19073	27.98161	28.82787	9
1958.28	1959.481	1314.981	72.55086	101.7566	72.37781	72.30364	49.96926	3.160713	46.87003	30.00094	16.86909	29.01533	9
1958.285	1959.487	1314.987	75.88825	130.1445	75.45563	72.40253	42.04068	5.334685	52.62464	33.87205	18.75258	28.52205	9

1958.29	1959.492	1314.992	74.93648	120.7787	73.9847	71.53728	49.20627	3.515343	47.27839	15.26405	32.01433	29.11166	9
1958.295	1959.497	1314.997	71.83393	94.95754	71.3395	70.73383	54.76488	2.024093	43.21102	14.39321	28.81782	29.7949	9
1958.3	1959.503	1315.003	73.52735	118.8077	73.07001	74.34316	47.14781	4.019003	48.83319	18.24789	30.58529	28.17999	9
1958.305	1959.508	1315.008	72.37781	124.8428	71.72269	69.11457	48.27763	3.873696	47.84868	23.39909	24.44958	28.78579	9
1958.31	1959.513	1315.013	73.42847	214.4986	70.90688	67.09977	40.07946	6.999805	52.92074	33.45035	19.47039	26.52675	9
1958.315	1959.519	1315.019	69.58428	94.33111	68.84264	66.72895	58.90207	1.240438	39.85749	18.85665	21.00084	30.5439	9
1958.32	1959.524	1315.024	73.78693	144.8886	71.63616	68.24932	53.72144	2.916613	43.36195	17.19034	26.1716	29.17912	9
1958.325	1959.529	1315.029	76.23435	163.0245	74.41733	72.18003	44.49444	4.916159	50.5894	28.89135	21.69805	27.85455	9
1958.33	1959.534	1315.034	73.83637	185.7287	71.63616	71.38895	44.17582	5.594476	50.2297	25.85253	24.37717	26.76167	9
1958.335	1959.54	1315.04	72.46433	152.3446	70.70911	68.31113	50.06841	3.963967	45.96762	27.21167	18.75595	28.2952	9
1958.34	1959.545	1315.045	72.67446	128.2347	71.40131	69.36179	51.97365	3.130829	44.89552	22.28511	22.61041	29.00712	9
1958.345	1959.55	1315.05	73.39139	147.5318	71.73505	69.02805	49.61385	3.882365	46.50378	17.66679	28.83699	28.4908	9
1958.35	1959.556	1315.056	73.25542	113.0323	72.21712	71.19118	53.29803	2.574111	44.12786	12.77016	31.3577	29.36772	9
1958.355	1959.561	1315.061	72.62502	121.7107	71.66088	69.34943	51.20306	3.190803	45.60613	17.79772	27.80842	29.11478	9
1958.36	1959.566	1315.066	77.49515	164.5218	75.61632	74.45441	43.45114	5.017051	51.53181	35.72958	15.80223	27.65712	9
1958.365	1959.572	1315.072	78.4222	122.7343	77.89069	77.50751	42.26908	5.225511	52.50541	19.01512	33.49029	28.34844	9
1958.37	1959.577	1315.077	82.81026	178.6699	82.71138	80.63477	21.3428	11.4416	67.21559	44.12736	23.08823	27.9458	9
1958.375	1959.582	1315.082	86.70389	219.1586	86.4814	81.26517	8.920348	15.33137	75.74828	60.86695	14.88133	29.39417	9
1958.38	1959.588	1315.088	92.64941	279.6473	91.67291	90.37503	0	18.91831	81.08169	81.08169	0	-9999	9
1958.385	1959.593	1315.093	95.0103	346.2322	92.8719	82.87207	0	18.7142	81.2858	81.2858	0	-9999	9
1958.39	1959.598	1315.098	92.88426	524.9021	91.06723	74.269	0	31.82669	68.17331	68.17331	0	-9999	9
1958.395	1959.603	1315.103	85.10936	468.8595	81.50003	61.97007	0	21.56295	78.43705	78.43705	0	-9999	9
1958.4	1959.609	1315.109	79.84369	219.4642	77.12433	70.28884	34.50851	7.100689	58.3908	24.84365	33.54715	27.46498	9
1958.405	1959.614	1315.114	78.17499	131.9474	76.61754	72.85987	48.21798	3.559031	48.22299	28.07245	20.15053	29.25772	9
1958.41	1959.619	1315.119	80.98087	163.2384	79.26273	75.77701	39.30951	5.680993	55.0095	24.81969	30.1898	28.16669	9
1958.415	1959.625	1315.125	85.66559	214.9723	84.49132	82.31583	18.26496	11.55891	70.17614	56.40337	13.77276	27.79523	9
1958.42	1959.63	1315.13	84.33063	189.3039	83.09456	82.11806	26.18383	9.319251	64.49692	47.53059	16.96632	27.42031	9
1958.425	1959.635	1315.135	87.12416	250.526	86.06114	85.02283	7.45692	14.71713	77.82595	73.12601	4.699936	-9999	9
1958.43	1959.641	1315.141	89.80644	306.0032	90.31323	89.8806	0	25.63181	74.36819	74.36819	0	-9999	9
1958.435	1959.646	1315.146	83.27997	360.8845	79.3369	72.40253	6.607197	13.64101	79.75179	66.92876	12.82303	-9999	9
1958.44	1959.651	1315.151	81.4753	264.8269	77.61876	72.13059	30.84286	7.583778	61.57336	34.0681	27.50526	26.50693	9
1958.445	1959.656	1315.156	78.95371	112.8795	78.0143	74.55329	47.32621	3.758263	48.91553	25.82444	23.09109	29.55003	9
1958.45	1959.662	1315.162	79.26273	122.4288	78.40984	77.56931	44.06043	4.667114	51.27246	31.40699	19.86547	28.61692	9
1958.455	1959.667	1315.167	77.59403	111.1683	77.24793	74.76343	44.39303	4.647431	50.95953	24.74668	26.21285	29.06153	9
1958.46	1959.672	1315.172	76.58045	90.51142	76.12311	74.82523	51.18666	2.768612	46.04473	17.04701	28.99772	29.86526	9
1958.465	1959.678	1315.178	85.3813	119.8772	84.8127	82.36528	36.84552	6.970595	56.18388	26.16065	30.02323	28.89348	9
1958.47	1959.683	1315.183	93.93492	217.1571	93.68771	87.61859	2.943761	18.7922	78.26403	78.26403	0	-9999	9
1958.475	1959.688	1315.188	110.0162	253.2914	109.8061	104.2561	0	36.6242	63.3758	63.3758	0	-9999	9
1958.48	1959.694	1315.194	100.1029	231.6872	99.78155	99.01518	0	23.65572	76.34428	76.34428	0	-9999	9
1958.485	1959.699	1315.199	83.18108	116.7298	82.37764	82.25403	41.45151	5.374773	53.17372	31.61603	21.55769	28.64961	9
1958.49	1959.704	1315.204	83.7126	129.0903	82.93387	83.04512	37.77968	6.42881	55.79151	38.29566	17.49585	28.22413	9
1958.495	1959.71	1315.21	91.30209	210.3734	90.5728	86.85222	10.74367	14.76304	74.49328	51.11614	23.37715	29.21182	9
1958.5	1959.715	1315.215	102.8965	215.232	102.9706	102.7605	0	28.0412	71.9588	71.9588	0	-9999	9
1958.505	1959.72	1315.22	103.737	209.0899	103.601	102.4762	0	26.82711	73.17289	73.17289	0	-9999	9
1958.51	1959.725	1315.225	93.6259	198.6545	93.25508	87.93997	8.663641	16.75439	74.58197	64.10682	10.47515	29.92745	9
1958.515	1959.731	1315.231	93.10675	257.7986	92.77301	90.62225	0	20.63175	79.36825	79.36825	0	-9999	9
1958.52	1959.736	1315.236	110.7579	223.8187	111.0669	112.1546	0	41.74583	58.25417	58.25417	0	-9999	9
1958.525	1959.741	1315.241	99.50961	180.2589	99.0399	98.70616	8.468739	18.74947	72.78179	69.5892	3.192584	29.24897	9
1958.53	1959.747	1315.247	90.77057	206.355	90.36267	88.02649	9.71441	15.6086	74.67699	52.13748	22.53951	29.08349	9
1958.535	1959.752	1315.252	106.0732	225.6827	106.2833	106.2833	0	33.71381	66.28619	66.28619	0	-9999	9
1958.54	1959.757	1315.257	90.42447	269.1355	89.04007	84.56549	2.407809	15.73919	81.853	81.853	0	-9999	9
1958.545	1959.763	1315.263	85.49254	159.6478	84.44188	81.68544	30.85471	8.166626	60.97866	36.60646	24.3722	28.21952	9
1958.55	1959.768	1315.268	90.64697	261.7559	87.90288	82.89679	14.52651	10.06881	75.40468	53.14476	22.25991	28.47141	9
1958.555	1959.773	1315.273	92.56288	283.4364	91.12904	87.71747	0	17.11692	82.88308	82.88308	0	-9999	9
1958.56	1959.778	1315.278	101.0671	309.1048	101.4008	102.7852	0	34.38145	65.61855	65.61855	0	-9999	9
1958.565	1959.784	1315.284	106.9013	328.738	107.8902	108.0262	0	49.50882	50.49118	50.49118	0	-9999	9
1958.57	1959.789	1315.289	110.4241	343.8639	112.4884	117.3709	0	70.64947	29.35053	29.35053	0	-9999	9
1958.575	1959.794	1315.294	113.6132	375.4452	116.2708	121.5612	0	91.34866	8.651342	8.651342	0	-9999	10
1958.58	1959.8	1315.3	115.6651	368.8447	117.581	122.0185	0	86.50164	13.49836	13.49836	0	-9999	10
1958.585	1959.805	1315.305	115.8505	375.2465	117.9765	121.0791	0	91.08032	8.919683	8.919683	0	-9999	10
1958.59	1959.81	1315.31	117.0989	340.6707	118.5081	118.6935	0	80.9521	19.0479	19.0479	0	-9999	10
1958.595	1959.816	1315.316	118.2485	320.8388	119.1261	119.7812	0	73.96784	26.03216	26.03216	0	-9999	10
1958.6	1959.821	1315.321	119.979	267.3326	120.1026	122.1297	0	61.50513	38.49487	38.49487	0	-9999	10
1958.605	1959.826	1315.326	120.1273	251.6413	119.9913	120.152	0	55.99314	44.00686	44.00686	0	-9999	10
1958.61	1959.832	1315.332	121.3757	230.2052	121.1903	117.9395	0	56.6011	43.3989	43.3989	0	-9999	10
1958.615	1959.837	1315.337	120.6217	249.3037	120.733	119.8183	0	61.73135	38.26865	38.26865	0	-9999	10
1958.62	1959.842	1315.342	122.0185	252.9247	122.0185	123.131	0	63.51741	36.48259	36.48259	0	-9999	10
1958.625	1959.847	1315.347	122.4882	262.2753	122.6613	124.6513	0	69.08708	30.91292	30.91292	0	-9999	10
1958.63	1959.853	1315.353	124.3052	262.1073	124.3423	127.8899	0	71.58452	28.41548	28.41548	0	-9999	10
1958.635	1959.858	1315.358	126.7156	234.9111	127.1235	129.1136	0	87.3902	12.6098	12.6098	0	-9999	10
1958.64	1959.863	1315.363	125.8627	229.8538	125.9987	126.4066	0	76.88522	23.11478	23.11478	0	-9999	10
1958.645	1959.869	1315.369	126.456	258.8529	126.32	127.346	0	73.97732	26.02268	26.02268	0	-9999	10
1958.65	1959.874	1315.374	126.1346	229.8079	126.4066	129.8181	0	81.28845	18.71155	18.71155	0	-9999	10

1958.655	1959.879	1315.379	126.1346	229.151	125.6896	125.8874	0	63.2799	36.7201	36.7201	0	-9999	10
1958.66	1959.885	1315.385	126.3077	214.9723	126.3695	126.9381	0	75.54958	24.45042	24.45042	0	-9999	10
1958.665	1959.89	1315.39	125.2076	231.3358	125.3559	125.529	0	75.04887	24.95113	24.95113	0	-9999	10
1958.67	1959.895	1315.395	125.1458	210.0219	124.9109	121.5241	0	64.24431	35.75569	35.75569	0	-9999	10
1958.675	1959.901	1315.401	125.6649	215.8279	125.9369	128.854	0	78.63231	21.36769	21.36769	0	-9999	10
1958.68	1959.906	1315.406	123.7366	218.7614	123.7243	123.613	0	65.81956	34.18044	34.18044	0	-9999	10
1958.685	1959.911	1315.411	122.4635	221.6338	122.2534	120.4858	0	58.2521	41.7479	41.7479	0	-9999	10
1958.69	1959.916	1315.416	121.3881	220.9463	121.1903	126.6414	0	55.76346	44.23654	44.23654	0	-9999	10
1958.695	1959.922	1315.422	121.9196	249.0439	121.8949	120.4116	0	62.48335	37.51665	37.51665	0	-9999	10
1958.7	1959.927	1315.427	121.6106	206.5078	121.8207	122.1792	0	63.52475	36.47525	36.47525	0	-9999	10
1958.705	1959.932	1315.432	124.2558	246.1257	123.8479	124.5277	0	60.25292	39.74708	39.74708	0	-9999	10
1958.71	1959.938	1315.438	120.4487	217.6766	120.4858	120.2756	0	57.73105	42.26895	42.26895	0	-9999	10
1958.715	1959.943	1315.443	110.7455	187.6385	110.214	107.7419	0	29.53708	70.46292	70.46292	0	-9999	10
1958.72	1959.948	1315.448	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1959.04	1960.288	1315.788	127.074	319.1276	129.781	130.2631	0	100	0	0	0	-9999	11
1959.045	1960.293	1315.793	122.5871	434.5587	125.084	131.9318	0	100	0	0	0	-9999	11
1959.05	1960.298	1315.798	121.4623	321.45	123.3535	127.1111	0	100	0	0	0	-9999	11
1959.055	1960.304	1315.804	119.0025	270.9689	119.9295	122.3522	0	73.82998	26.17002	26.17002	0	-9999	11
1959.06	1960.309	1315.809	115.9247	291.6106	117.2102	122.2286	0	71.88244	28.11756	28.11756	0	-9999	11
1959.065	1960.314	1315.814	114.9729	292.0078	115.6774	115.2819	0	60.31767	39.68233	39.68233	0	-9999	11
1959.07	1960.32	1315.82	114.3919	305.9726	114.6762	116.6292	0	53.84212	46.15788	46.15788	0	-9999	11
1959.075	1960.325	1315.825	112.2164	352.4201	113.3536	114.1571	0	63.82183	36.17817	36.17817	0	-9999	11
1959.08	1960.33	1315.83	101.9447	381.4803	102.3031	102.8717	0	40.42083	59.57917	59.57917	0	-9999	11
1959.085	1960.336	1315.836	104.2067	421.7245	105.5169	101.5615	0	54.19511	45.80489	45.80489	0	-9999	11
1959.09	1960.341	1315.841	102.402	353.7799	102.8965	99.37364	0	40.1424	59.8576	59.8576	0	-9999	11
1959.095	1960.346	1315.846	105.109	324.8877	106.0732	107.6306	0	45.99319	54.00681	54.00681	0	-9999	11
1959.1	1960.351	1315.851	103.9224	365.0098	104.8989	102.7605	0	46.96194	53.03806	53.03806	0	-9999	11
1959.105	1960.357	1315.857	102.9088	404.8262	105.0843	105.3315	0	58.37345	41.62655	41.62655	0	-9999	11
1959.11	1960.362	1315.862	103.1807	386.9348	105.1461	109.151	0	55.83906	44.16094	44.16094	0	-9999	11
1959.115	1960.367	1315.867	96.87678	393.031	97.22288	96.34526	0	36.05257	63.94743	63.94743	0	-9999	11
1959.12	1960.373	1315.873	101.8334	438.5159	102.7976	101.4132	0	48.81926	51.18074	51.18074	0	-9999	11
1959.125	1960.378	1315.878	99.7321	415.3227	100.4737	99.94224	0	42.97833	57.02167	57.02167	0	-9999	11
1959.13	1960.383	1315.883	98.13757	364.1542	97.64314	94.96086	0	30.04581	69.95419	69.95419	0	-9999	11
1959.135	1960.389	1315.889	97.6555	375.384	98.12521	88.27371	0	36.32146	63.67854	63.67854	0	-9999	11
1959.14	1960.394	1315.894	97.04983	322.7792	97.22288	92.57524	0	30.43239	69.56761	69.56761	0	-9999	11
1959.145	1960.399	1315.899	99.48489	413.9629	99.46017	96.69136	0	37.42449	62.57551	62.57551	0	-9999	11
1959.15	1960.404	1315.904	104.2438	530.2038	104.3797	102.2413	0	51.32425	48.67575	48.67575	0	-9999	11
1959.155	1960.41	1315.91	109.7567	461.8924	107.4576	101.5986	0	28.57106	71.42894	71.42894	0	-9999	11
1959.16	1960.415	1315.915	111.1287	440.5938	109.6578	109.5836	0	36.47332	63.52668	63.52668	0	-9999	11
1959.165	1960.42	1315.92	103.737	348.4017	101.475	102.4515	0	19.78035	80.21965	80.21965	0	-9999	11
1959.17	1960.426	1315.926	102.7852	385.1166	101.6727	96.46887	0	30.33445	69.66555	69.66555	0	-9999	11
1959.175	1960.431	1315.931	101.5244	618.5304	99.84335	95.38113	0	41.43775	58.56225	58.56225	0	-9999	11
1959.18	1960.436	1315.936	103.5021	535.1236	102.538	101.3884	0	42.05316	57.94684	57.94684	0	-9999	11
1959.185	1960.442	1315.942	100.7457	486.1246	102.711	101.7716	0	58.2103	41.7897	41.7897	0	-9999	11
1959.19	1960.447	1315.947	96.77789	450.6625	98.24882	102.4515	0	46.68263	53.31737	53.31737	0	-9999	11
1959.195	1960.452	1315.952	94.24394	391.0448	94.83725	94.65184	0	35.05004	64.94996	64.94996	0	-9999	11
1959.2	1960.458	1315.958	92.10553	402.0913	92.98314	94.63948	0	35.46083	64.53917	64.53917	0	-9999	11
1959.205	1960.463	1315.963	86.69153	438.9743	87.76692	90.00421	0	34.80736	65.19264	65.19264	0	-9999	11
1959.21	1960.468	1315.968	88.52092	407.4083	89.41089	88.22426	0	33.19146	66.80854	66.80854	0	-9999	11
1959.215	1960.473	1315.973	88.99063	461.3271	89.79408	87.47026	0	36.80172	63.19828	63.19828	0	-9999	11
1959.22	1960.479	1315.979	93.24272	397.9202	93.5023	94.04617	0	33.04429	66.95571	66.95571	0	-9999	11
1959.225	1960.484	1315.984	95.67778	362.2749	96.65428	97.68022	0	36.5331	63.4669	63.4669	0	-9999	11
1959.23	1960.489	1315.989	94.41699	371.4574	94.89906	91.85832	0	33.28376	66.71624	66.71624	0	-9999	11
1959.235	1960.495	1315.995	94.02145	348.9976	94.12033	95.33168	0	29.48609	70.51391	70.51391	0	-9999	11
1959.24	1960.5	1316	98.23646	314.9718	98.50839	99.27476	0	31.5465	68.4535	68.4535	0	-9999	11
1959.245	1960.505	1316.005	96.36999	321.4958	96.36999	96.46887	0	28.80203	71.19797	71.19797	0	-9999	11
1959.25	1960.511	1316.011	92.09317	407.6528	92.83482	93.02023	0	35.1766	64.8234	64.8234	0	-9999	11
1959.255	1960.516	1316.016	92.97078	335.8579	93.46521	96.02388	0	29.81071	70.18929	70.18929	0	-9999	11
1959.26	1960.521	1316.021	92.53816	421.419	92.36511	91.2032	0	32.10563	67.89437	67.89437	0	-9999	11
1959.265	1960.526	1316.026	91.16612	359.7233	91.43805	94.13269	0	29.12194	70.87806	70.87806	0	-9999	11
1959.27	1960.532	1316.032	91.80888	327.6685	92.19206	93.57646	0	27.88908	72.11092	72.11092	0	-9999	11
1959.275	1960.537	1316.037	93.1562	339.1734	93.42813	94.05853	0	29.07824	70.92176	70.92176	0	-9999	11
1959.28	1960.542	1316.042	93.65062	302.1529	94.14505	90.52336	0	28.05912	71.94088	71.94088	0	-9999	11
1959.285	1960.548	1316.048	93.79895	305.6518	93.93492	94.02145	0	26.59251	73.40749	73.40749	0	-9999	11
1959.29	1960.553	1316.053	92.06845	298.0124	92.35275	91.40097	0	25.60648	74.39352	74.39352	0	-9999	11
1959.295	1960.558	1316.058	92.85954	351.702	93.5641	92.05609	0	31.82836	68.17164	68.17164	0	-9999	11
1959.3	1960.564	1316.064	92.08081	339.5248	92.95842	93.06967	0	31.21743	68.78257	68.78257	0	-9999	11
1959.305	1960.569	1316.069	91.22792	345.8807	91.5493	92.00665	0	28.44778	71.55222	71.55222	0	-9999	11
1959.31	1960.574	1316.074	89.96713	407.1639	90.511	87.55678	0	32.72187	67.27813	67.27813	0	-9999	11
1959.315	1960.58	1316.08	92.50108	468.5081	92.85954	91.24028	0	37.76282	62.23718	62.23718	0	-9999	11
1959.32	1960.585	1316.085	86.25891	411.3808	87.24777	88.0883	0	32.35062	67.64938	67.64938	0	-9999	11
1959.325	1960.59	1316.09	90.96835	446.5984	91.36389	84.50368	0	35.40474	64.59526	64.59526	0	-9999	11
1959.33	1960.595	1316.095	86.37015	369.0739	87.56914	87.93997	0	30.32992	69.67008	69.67008	0	-9999	11

1959.335	1960.601	1316.101	88.47148	401.7399	89.28729	87.42082	0	32.47878	67.52122	67.52122	0	-9999	11
1959.34	1960.606	1316.106	88.10066	383.9707	88.82994	88.37259	0	30.69599	69.30401	69.30401	0	-9999	11
1959.345	1960.611	1316.111	87.50734	362.1221	88.02649	87.95233	0	28.05692	71.94308	71.94308	0	-9999	11
1959.35	1960.617	1316.117	87.54442	341.511	87.92761	89.00299	0	26.17901	73.82099	73.82099	0	-9999	11
1959.355	1960.622	1316.122	88.33551	399.937	89.28729	89.28729	0	32.80684	67.19316	67.19316	0	-9999	11
1959.36	1960.627	1316.127	86.70389	385.3	87.00055	88.87938	0	28.36844	71.63156	71.63156	0	-9999	11
1959.365	1960.633	1316.133	84.55313	400.2884	85.55435	87.28485	0	30.61411	69.38589	69.38589	0	-9999	11
1959.37	1960.638	1316.138	86.37015	397.7369	86.64209	84.44188	0	28.95007	71.04993	71.04993	0	-9999	11
1959.375	1960.643	1316.143	86.92639	411.2433	87.14888	88.24898	0	29.96931	70.03069	70.03069	0	-9999	11
1959.38	1960.649	1316.149	83.92273	432.0988	85.73976	87.65567	0	35.0708	64.9292	64.9292	0	-9999	11
1959.385	1960.654	1316.154	85.90045	415.1547	86.45668	89.9424	0	30.86824	69.13176	69.13176	0	-9999	11
1959.39	1960.659	1316.159	85.18352	416.6367	86.49376	85.87572	0	33.15215	66.84785	66.84785	0	-9999	11
1959.395	1960.664	1316.164	88.28607	351.3047	88.64453	88.36023	0	27.16493	72.83507	72.83507	0	-9999	11
1959.4	1960.67	1316.17	87.13652	324.9488	87.77928	89.05243	0	25.79001	74.20999	74.20999	0	-9999	11
1959.405	1960.675	1316.175	87.98941	339.8304	87.66803	84.56549	0	23.67902	76.32098	76.32098	0	-9999	11
1959.41	1960.68	1316.18	88.11302	321.2972	88.71869	88.22426	0	25.99292	74.00708	74.00708	0	-9999	11
1959.415	1960.686	1316.186	85.69031	328.7532	86.75334	87.35901	0	26.68062	73.31938	73.31938	0	-9999	11
1959.42	1960.691	1316.191	88.7805	304.2919	89.96713	90.33795	0	27.62464	72.37536	72.37536	0	-9999	11
1959.425	1960.696	1316.196	86.77806	340.7165	87.64331	86.12294	0	27.45631	72.54369	72.54369	0	-9999	11
1959.43	1960.702	1316.202	86.25891	257.0042	87.26013	89.5345	0	21.97472	78.02528	78.02528	0	-9999	11
1959.435	1960.707	1316.207	86.75334	272.1301	88.29843	90.38739	0	25.34784	74.65216	74.65216	0	-9999	11
1959.44	1960.712	1316.212	84.88687	313.8717	86.06114	88.07593	0	25.56075	74.43925	74.43925	0	-9999	11
1959.445	1960.717	1316.217	85.14644	287.5464	85.93753	86.22182	0	22.64078	77.35922	77.35922	0	-9999	11
1959.45	1960.723	1316.223	85.73976	276.286	86.50612	88.39731	0	22.13306	77.86694	77.86694	0	-9999	11
1959.455	1960.728	1316.228	86.17238	235.4611	86.77806	85.31949	0	19.06107	80.93893	80.93893	0	-9999	11
1959.46	1960.733	1316.233	87.1736	250.7246	87.44554	86.37015	0	19.44085	80.55915	80.55915	0	-9999	11
1959.465	1960.739	1316.239	87.47026	266.4617	87.77928	87.38373	0	20.79726	79.20274	79.20274	0	-9999	11
1959.47	1960.744	1316.244	87.84108	250.8621	88.12538	90.64697	0	19.85354	80.14646	80.14646	0	-9999	11
1959.475	1960.749	1316.249	89.04007	294.6816	88.64453	87.08708	0	20.81604	79.18396	79.18396	0	-9999	11
1959.48	1960.755	1316.255	91.51222	268.9827	90.9189	91.22792	0	19.39583	80.60417	80.60417	0	-9999	11
1959.485	1960.76	1316.26	90.46156	242.4282	90.63461	90.511	0	20.33726	79.66274	79.66274	0	-9999	11
1959.49	1960.765	1316.265	91.72235	223.1922	92.16734	94.62712	0	21.06163	78.93837	78.93837	0	-9999	11
1959.495	1960.771	1316.271	90.58516	245.3159	91.40097	91.85832	0	23.40956	76.59044	76.59044	0	-9999	11
1959.5	1960.776	1316.276	90.62225	278.0583	91.75943	93.23036	0	27.08562	72.91438	72.91438	0	-9999	11
1959.505	1960.781	1316.281	89.68283	259.8154	90.80766	90.52336	0	25.05235	74.94765	74.94765	0	-9999	11
1959.51	1960.786	1316.286	90.58516	193.5667	91.17848	89.86824	5.220314	18.93596	75.84373	64.95936	10.88437	-9999	11
1959.515	1960.792	1316.292	89.80644	204.7508	90.52336	90.47392	2.272244	19.68385	78.04391	78.04391	0	-9999	11
1959.52	1960.797	1316.297	89.33673	221.2671	89.71991	89.38617	1.293902	19.10574	79.60036	79.60036	0	-9999	11
1959.525	1960.802	1316.302	85.02283	332.1757	86.1971	88.36023	0	26.88068	73.11932	73.11932	0	-9999	11
1959.53	1960.808	1316.308	86.25891	256.0263	86.80278	88.12538	0	20.27967	79.72033	79.72033	0	-9999	11
1959.535	1960.813	1316.313	84.4048	308.6464	84.30591	82.74846	0	20.8276	79.1724	79.1724	0	-9999	11
1959.54	1960.818	1316.318	84.51604	318.4248	84.13286	85.22061	0	20.64997	79.35003	79.35003	0	-9999	11
1959.545	1960.824	1316.324	85.87572	324.1391	86.50612	88.68161	0	24.96813	75.03187	75.03187	0	-9999	11
1959.55	1960.829	1316.329	86.44432	388.1265	87.08708	90.1649	0	29.65119	70.34881	70.34881	0	-9999	11
1959.555	1960.834	1316.334	90.67169	407.1333	91.38861	92.13025	0	33.95759	66.04241	66.04241	0	-9999	11
1959.56	1960.839	1316.339	92.53816	302.1682	93.09439	90.39975	0	27.51029	72.48971	72.48971	0	-9999	11
1959.565	1960.845	1316.345	91.38861	344.8571	92.26622	96.22166	0	31.02288	68.97712	68.97712	0	-9999	11
1959.57	1960.85	1316.35	92.3033	405.9416	92.22914	92.36511	0	31.38041	68.61959	68.61959	0	-9999	11
1959.575	1960.855	1316.355	93.47757	415.445	94.36755	92.81009	0	37.58457	62.41543	62.41543	0	-9999	11
1959.58	1960.861	1316.361	93.53938	365.7126	93.82367	90.5728	0	31.20583	68.79417	68.79417	0	-9999	11
1959.585	1960.866	1316.366	92.21678	425.04	92.2415	90.21434	0	33.07375	66.92625	66.92625	0	-9999	11
1959.59	1960.871	1316.371	92.20442	381.2664	92.27858	90.74585	0	30.34003	69.65997	69.65997	0	-9999	11
1959.595	1960.877	1316.377	94.10797	349.4713	94.70129	94.1945	0	32.13099	67.86901	67.86901	0	-9999	11
1959.6	1960.882	1316.382	95.5789	357.3857	95.49237	93.60118	0	30.16744	69.83256	69.83256	0	-9999	11
1959.605	1960.887	1316.387	93.06967	374.2993	93.53938	95.08447	0	32.35855	67.64145	67.64145	0	-9999	11
1959.61	1960.893	1316.393	94.24394	430.9988	95.51709	94.2563	0	41.38597	58.61403	58.61403	0	-9999	11
1959.615	1960.898	1316.398	96.22166	425.9415	98.3477	101.4502	0	48.3908	51.6092	51.6092	0	-9999	11
1959.62	1960.903	1316.403	97.64314	323.9099	98.26118	100.0288	0	33.7581	66.2419	66.2419	0	-9999	11
1959.625	1960.908	1316.408	97.76675	319.6165	98.87921	99.75683	0	36.73717	63.26283	63.26283	0	-9999	11
1959.63	1960.914	1316.414	93.8484	380.5635	95.40585	96.41943	0	39.11251	60.88749	60.88749	0	-9999	11
1959.635	1960.919	1316.419	96.08569	428.6153	97.07455	97.91508	0	41.49753	58.50247	58.50247	0	-9999	11
1959.64	1960.924	1316.424	98.17465	323.1307	98.71852	100.8569	0	33.76655	66.23345	66.23345	0	-9999	11
1959.645	1960.93	1316.43	97.90272	290.3119	98.68144	100.9311	0	32.77082	67.22918	67.22918	0	-9999	11
1959.65	1960.935	1316.435	98.22409	334.5286	98.44659	99.62086	0	32.54326	67.45674	67.45674	0	-9999	11
1959.655	1960.94	1316.44	101.1412	365.0098	100.6839	100.4861	0	32.54675	67.45325	67.45325	0	-9999	11
1959.66	1960.946	1316.446	99.80627	309.4409	100.721	104.2685	0	37.13339	62.86661	62.86661	0	-9999	11
1959.665	1960.951	1316.451	99.63322	251.076	100.1276	102.0436	0	30.07315	69.92685	69.92685	0	-9999	11
1959.67	1960.956	1316.456	99.48489	276.179	99.05226	97.17343	0	25.44676	74.55324	74.55324	0	-9999	11
1959.675	1960.962	1316.462	98.08813	296.7748	98.95338	99.99168	0	33.96244	66.03756	66.03756	0	-9999	11
1959.68	1960.967	1316.467	98.37242	292.4815	98.92866	99.62086	0	31.97582	68.02418	68.02418	0	-9999	11
1959.685	1960.972	1316.472	97.85327	325.0558	98.50839	99.49725	0	34.27981	65.72019	65.72019	0	-9999	11
1959.69	1960.977	1316.477	97.77911	285.224	97.91508	99.46017	0	28.28774	71.71226	71.71226	0	-9999	11
1959.695	1960.983	1316.483	98.84213	315.1551	99.28712	98.08813	0	33.25377	66.74623	66.74623	0	-9999	11

1959.7	1960.988	1316.488	99.11407	342.8555	100.2018	100.3378	0	39.74974	60.25026	60.25026	0	-9999	11
1959.705	1960.993	1316.493	100.2883	461.0521	101.339	100.7951	0	48.94568	51.05432	51.05432	0	-9999	11
1959.71	1960.999	1316.499	95.925	482.3507	96.65428	100.2265	0	43.45447	56.54553	56.54553	0	-9999	11
1959.715	1961.004	1316.504	82.63721	454.0391	81.61127	81.53711	0	27.38799	72.61201	72.61201	0	-9999	11
1959.72	1961.009	1316.509	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1960.025	1961.333	1316.833	97.16107	57.37177	96.85205	96.2093	39.12274	9.770464	51.1068	29.84012	21.26668	29.75516	10
1960.03	1961.338	1316.838	97.3094	77.55503	96.66664	96.36999	36.68841	9.295678	54.01591	34.68904	19.32687	29.41089	10
1960.035	1961.343	1316.843	97.97688	73.73533	97.82855	97.42065	33.16687	12.43171	54.40142	30.20632	24.19511	29.12255	10
1960.04	1961.349	1316.849	93.11911	50.3741	92.81009	93.87312	44.53478	6.755018	48.71021	16.62863	32.08158	30.01959	10
1960.045	1961.354	1316.854	91.69763	54.17851	91.53694	92.1797	43.77233	6.892165	49.33551	22.53032	26.80519	29.92326	10
1960.05	1961.359	1316.859	92.95842	61.34425	92.64941	91.63583	42.02783	7.40464	50.56753	34.21601	16.35152	30.01524	10
1960.055	1961.365	1316.865	93.78659	91.22952	92.64941	90.21434	40.45199	5.909598	53.63841	25.49679	28.14162	29.95186	10
1960.06	1961.37	1316.87	96.72845	119.0522	95.40585	90.56044	32.44934	8.007459	59.5432	38.50914	21.03406	29.78723	10
1960.065	1961.375	1316.875	97.09927	173.0779	95.56654	90.12782	20.66249	10.65048	68.68703	49.70823	18.9788	29.48544	10
1960.07	1961.381	1316.881	91.03015	118.9452	88.65689	86.33307	45.86029	1.85628	52.28343	33.15867	19.12476	30.0656	10
1960.075	1961.386	1316.886	98.80505	283.6045	94.10797	88.22426	16.86942	1.335956	81.79462	45.21789	36.57673	29.53575	10
1960.08	1961.391	1316.891	90.38739	91.18369	89.13896	86.28363	44.45251	4.253411	51.29408	21.43079	29.86329	30.23956	10
1960.085	1961.397	1316.897	87.00055	50.96997	86.92639	86.70389	48.19953	4.629839	47.17063	22.54053	24.6301	30.49936	10
1960.09	1961.402	1316.902	85.76448	52.58952	85.24533	85.31949	52.39343	2.722604	44.88396	23.27133	21.61263	30.96423	10
1960.095	1961.407	1316.907	86.38251	59.12883	85.97461	84.77562	49.38017	3.763927	46.85591	22.34283	24.51308	30.70234	10
1960.1	1961.412	1316.912	86.28363	62.82629	85.45546	84.35535	51.83341	2.577037	45.58955	22.07307	23.51648	30.98043	10
1960.105	1961.418	1316.918	83.89801	62.15403	82.99567	82.48888	54.76564	1.602906	43.63145	20.47555	23.1559	31.19182	10
1960.11	1961.423	1316.923	82.84735	62.81101	82.00682	80.0291	55.09428	1.541479	43.36424	20.73441	22.62983	31.4385	10
1960.115	1961.428	1316.928	82.32819	63.71246	81.22809	79.06496	57.36546	0.770263	41.86428	20.84802	21.01626	31.80633	10
1960.12	1961.434	1316.934	80.16507	38.4261	79.70772	78.33568	60.49346	0.167416	39.33912	11.96591	27.37321	32.55045	10
1960.125	1961.439	1316.939	80.53589	50.14492	79.683	78.73122	60.38181	0.077364	39.54082	22.96981	16.57101	32.25863	10
1960.13	1961.444	1316.944	80.77074	44.84318	80.07854	79.13913	60.20342	0.177587	39.61899	23.21118	16.40781	32.33411	10
1960.135	1961.45	1316.95	80.51117	54.42297	79.78188	78.9908	58.41131	0.665798	40.92289	20.84487	20.07802	31.78341	10
1960.14	1961.455	1316.955	79.50995	53.85766	78.73122	77.12433	59.85242	0.267441	39.88014	23.8779	16.00223	32.14287	10
1960.145	1961.46	1316.96	75.82645	42.42914	75.06008	74.34316	65.91115	0	34.08885	19.99316	14.0957	31.44335	10
1960.15	1961.465	1316.965	76.3456	43.80423	75.78937	75.35674	63.47223	0	36.52777	19.34346	17.18431	31.73983	10
1960.155	1961.471	1316.971	77.98958	45.22515	77.74236	77.69292	59.22101	0.51982	40.25917	20.78875	19.47042	31.81411	10
1960.16	1961.476	1316.976	80.06618	59.98444	79.72008	78.33568	54.50516	1.869267	43.62558	16.40903	27.21654	31.1184	10
1960.165	1961.481	1316.981	79.29982	65.89733	78.73122	78.40984	55.50362	1.523353	42.97303	21.86936	21.10367	30.9197	10
1960.17	1961.487	1316.987	78.18735	59.54136	77.56931	77.76708	58.44841	0.709866	40.84172	23.42292	17.4188	31.3624	10
1960.175	1961.492	1316.992	77.91541	56.47033	77.26029	76.74114	59.72917	0.358114	39.91271	23.5662	16.34652	31.76538	10
1960.18	1961.497	1316.997	82.03154	73.24641	81.4135	80.3752	51.59514	2.629057	45.77581	19.78211	25.99369	30.51322	10
1960.185	1961.503	1317.003	90.27614	107.0125	90.09073	90.12782	32.48586	9.584977	57.92916	25.59108	32.33809	28.62635	10
1960.19	1961.508	1317.008	92.94606	139.7396	93.05731	92.68649	19.81048	14.69151	65.49802	44.68535	20.81267	28.51357	10
1960.195	1961.513	1317.013	78.0761	140.366	76.38268	71.79685	47.32541	3.828868	48.84572	30.77367	18.07206	29.12772	10
1960.2	1961.519	1317.019	74.50385	120.9773	72.36545	68.2864	58.7526	1.365226	39.88217	17.5516	22.33057	30.62699	10
1960.205	1961.524	1317.024	71.63616	82.81092	70.28884	68.01447	64.49622	0	35.50378	20.54176	14.96202	31.73853	10
1960.21	1961.529	1317.029	72.24184	77.31057	70.56078	68.23696	67.85656	0	32.14344	14.71758	17.42586	31.48455	10
1960.215	1961.534	1317.034	72.55086	54.48409	71.51255	70.56078	68.1149	0	31.8851	16.23243	15.65267	31.17747	10
1960.22	1961.54	1317.04	73.9229	50.63384	73.47791	73.61388	63.18619	0	36.81381	10.21851	26.5953	31.49817	10
1960.225	1961.545	1317.045	73.74985	70.20594	73.99706	75.07245	53.24439	2.068206	44.6874	32.10062	12.58679	29.93213	10
1960.23	1961.55	1317.05	74.41733	43.88062	74.3308	73.44083	61.58752	0	38.41248	16.14314	22.26934	31.99727	10
1960.235	1961.556	1317.056	75.39382	50.64912	75.07245	74.19483	60.87128	0.074947	39.05377	16.91424	22.13953	32.00203	10
1960.24	1961.561	1317.061	76.33324	59.02188	75.75229	74.99828	59.99252	0.334563	39.67292	21.6708	18.00211	31.70259	10
1960.245	1961.566	1317.066	74.51621	52.36034	73.9847	73.50263	62.8931	0	37.1069	8.289915	28.81699	31.66475	10
1960.25	1961.572	1317.072	74.6769	71.87132	73.6386	72.15531	61.95123	0.012633	38.03614	22.82615	15.20999	31.81188	10
1960.255	1961.577	1317.077	74.92412	83.46791	73.9229	73.18125	58.63003	0.903237	40.46673	27.23777	13.22897	30.8505	10
1960.26	1961.582	1317.082	71.19118	63.36105	70.16523	69.79441	67.12178	0	32.87822	21.161	11.71721	31.14433	10
1960.265	1961.587	1317.087	70.9934	74.31593	69.25054	67.79197	70.2088	0	29.7912	12.09098	17.70021	31.28138	10
1960.27	1961.593	1317.093	67.71781	32.37571	67.65601	67.28518	70.34367	0	29.65633	11.5544	18.10193	30.65138	10
1960.275	1961.598	1317.098	65.90078	26.17253	65.77718	66.18508	73.99548	0	26.00452	5.453568	20.55095	30.33485	10
1960.28	1961.603	1317.103	64.28153	26.29476	63.94779	63.29267	77.08415	0	22.91585	5.173274	17.74258	30.59035	10
1960.285	1961.609	1317.109	64.85012	52.68119	64.00959	63.87362	74.10315	0	25.89685	16.73623	9.160628	30.8399	10
1960.29	1961.614	1317.114	64.75123	64.00276	63.41628	62.58811	75.28613	0	24.71387	9.283961	15.42991	31.26444	10
1960.295	1961.619	1317.119	65.30747	63.05547	63.53988	62.0566	78.35649	0	21.64351	7.526813	14.1167	31.60291	10
1960.3	1961.625	1317.125	66.63007	83.02482	64.5411	62.79824	74.7978	0	25.2022	13.7651	11.4371	31.73473	10
1960.305	1961.63	1317.13	67.97739	80.68717	66.40757	64.21972	70.10056	0	29.89944	20.20535	9.694093	31.59016	10
1960.31	1961.635	1317.135	67.86614	91.09201	66.07383	64.55346	69.40926	0	30.59074	9.891503	20.69924	31.61545	10
1960.315	1961.641	1317.141	66.75367	68.08219	65.65357	63.67585	70.63655	0	29.36345	6.589544	22.77391	31.37459	10
1960.32	1961.646	1317.146	67.58184	84.24713	65.9255	64.97373	70.27352	0	29.72648	13.42041	16.30607	31.42386	10
1960.325	1961.651	1317.151	67.61892	62.35265	67.05033	66.35813	67.10785	0	32.89215	13.64742	19.24473	31.09429	10
1960.33	1961.656	1317.156	66.71659	49.68655	66.35813	64.66471	69.37466	0	30.62534	9.889626	20.73571	31.03725	10
1960.335	1961.662	1317.162	66.40757	39.58729	66.28397	66.80312	70.28287	0	29.71713	13.90961	15.80752	30.46789	10
1960.34	1961.667	1317.167	67.32227	47.92949	67.08741	66.37049	68.28469	0	31.71531	23.17608	8.539225	30.88281	10
1960.345	1961.672	1317.172	65.83898	41.61936	65.61649	66.148	71.08058	0	28.91942	6.882654	22.03677	30.46285	10
1960.35	1961.678	1317.178	66.75367	46.44745	66.64243	65.61649	68.2085	0	31.7915	10.1584	21.6331	30.87796	10
1960.355	1961.683	1317.183	64.04667	30.11445	63.82418	64.55346	75.51369	0	24.48631	15.26981	9.216505	30.28027	10
1960.36	1961.688	1317.188	65.06025	49.3657	64.63999	65.28275	71.45512	0	28.54488	10.73227	17.81261	30.52949	10

1960.365	1961.694	1317.194	65.66593	60.015	65.06025	64.94901	69.7577	0	30.2423	6.225383	24.01691	30.84853	10
1960.37	1961.699	1317.199	64.96137	56.57728	64.20736	63.0949	72.38738	0	27.61262	6.644539	20.96808	31.01519	11
1960.375	1961.704	1317.204	65.01081	62.23042	64.33097	63.52752	70.39905	0	29.60095	9.519667	20.08128	30.99828	11
1960.38	1961.71	1317.21	66.24688	82.96371	65.25802	64.59055	66.6393	0	33.3607	7.385747	25.97495	31.34464	11
1960.385	1961.715	1317.215	67.42115	75.61462	66.80312	66.148	64.46358	0	35.53642	11.05055	24.48586	31.32316	11
1960.39	1961.72	1317.22	67.21102	82.16921	66.5559	65.71537	63.35808	0.208505	36.43341	20.38636	16.04706	31.18956	11
1960.395	1961.725	1317.225	66.80312	90.75588	66.06147	63.97251	62.32595	0.626118	37.04793	15.40877	21.63916	30.99012	11
1960.4	1961.731	1317.231	65.46816	75.73685	64.8254	64.77596	66.42235	0	33.57765	15.37852	18.19913	31.08079	11
1960.405	1961.736	1317.236	64.60291	72.98667	64.04667	63.67585	67.21336	0	32.78664	18.6767	14.10994	31.04676	11
1960.41	1961.741	1317.241	62.24201	67.4252	61.7723	62.01951	70.06069	0	29.93931	15.99381	13.9455	30.75343	11
1960.415	1961.747	1317.247	62.20492	78.6551	61.82174	62.08132	66.7066	0	33.2934	22.43873	10.85466	30.90066	11
1960.42	1961.752	1317.252	63.0949	71.65742	62.47686	62.8106	69.40138	0	30.59862	14.81721	15.7814	30.8567	11
1960.425	1961.757	1317.257	61.90827	68.75446	61.72286	62.1802	67.84275	0	32.15725	19.63393	12.52332	30.63743	11
1960.43	1961.763	1317.263	63.26795	102.9636	62.90949	64.72651	59.65437	1.449774	38.89586	18.31623	20.57963	29.26532	11
1960.435	1961.768	1317.268	66.09855	133.2767	65.04789	67.73017	55.079	3.040199	41.8808	31.24475	10.63605	27.88386	11
1960.44	1961.773	1317.273	66.61771	171.0152	65.40635	70.62258	46.714	5.446397	47.83961	20.66661	27.173	25.67671	11
1960.445	1961.778	1317.278	65.4558	139.8313	64.56582	64.45458	52.83878	3.603377	43.55784	21.0831	22.47473	27.91905	11
1960.45	1961.784	1317.284	64.35569	103.7123	63.79946	64.17028	60.0052	1.418455	38.57635	10.55787	28.01848	29.64382	11
1960.455	1961.789	1317.289	63.51516	91.21424	62.82296	60.40026	64.85676	0.330482	34.81276	23.16871	11.64404	31.27472	11
1960.46	1961.794	1317.294	63.02073	81.58862	62.8106	61.73522	63.90501	0.133052	35.96194	15.63761	20.32434	31.06095	11
1960.465	1961.8	1317.3	63.05781	95.11033	62.32853	60.93177	64.62206	0.505885	34.87206	11.89992	22.97214	30.90665	11
1960.47	1961.805	1317.305	60.88233	84.49159	60.20249	59.15182	68.81006	0	31.18994	7.911432	23.27851	31.28816	11
1960.475	1961.81	1317.31	60.21485	93.70468	59.0653	55.45596	70.83481	0	29.16519	21.83296	7.33224	32.11134	11
1960.48	1961.816	1317.316	62.5263	154.9878	60.48678	57.66854	60.77503	3.213766	36.0112	20.63774	15.37347	28.88147	11
1960.485	1961.821	1317.321	60.59803	151.7334	58.3731	54.39294	64.77354	2.766656	32.4598	21.38139	11.07842	29.72067	11
1960.49	1961.826	1317.326	52.30398	56.43977	51.52525	50.51167	84.25704	0	15.74296	13.13385	2.609112	31.88352	11
1960.495	1961.832	1317.332	47.40913	32.92574	47.22372	47.14955	89.85251	0	10.14749	10.14749	0	31.71918	11
1960.5	1961.837	1317.337	45.35725	29.5033	44.92462	44.45491	94.48438	0	5.515618	5.515618	0	32.80148	11
1960.505	1961.842	1317.342	43.63911	29.51858	43.28064	42.41539	95.4866	0	4.513399	4.513399	0	33.06109	11
1960.51	1961.847	1317.347	42.93454	31.68816	42.69969	43.34245	94.6518	0	5.348198	5.348198	0	32.56996	11
1960.515	1961.853	1317.353	43.67619	26.43227	43.46606	42.56372	95.04982	0	4.950175	4.950175	0	32.78867	11
1960.52	1961.858	1317.358	44.05937	34.23972	43.55258	43.72563	95.10699	0	4.89301	4.89301	0	33.00138	11
1960.525	1961.863	1317.363	46.9765	27.94487	47.2608	48.71937	87.81566	0	12.18434	7.282884	4.901456	30.65981	11
1960.53	1961.869	1317.369	51.31512	40.68736	51.47581	51.9208	81.69841	0	18.30159	15.3938	2.907797	30.41621	11
1960.535	1961.874	1317.374	58.027	78.54815	57.94047	59.10238	68.27708	0	31.72292	12.36681	19.35611	30.48746	11
1960.54	1961.879	1317.379	63.58933	97.47854	63.14434	62.43978	61.35666	1.026471	37.61687	14.6302	22.98668	30.16987	10
1960.545	1961.885	1317.385	65.25802	105.1638	65.06025	65.33219	56.04572	2.049842	41.90444	27.96021	13.94423	29.10391	10
1960.55	1961.89	1317.39	65.77718	109.1362	64.96137	63.89834	59.39654	1.653991	38.94947	23.7593	15.19017	29.77405	10
1960.555	1961.895	1317.395	63.99723	126.0651	63.2185	63.39155	56.64992	2.642041	40.70804	13.34845	27.35959	28.58388	10
1960.56	1961.9	1317.4	66.24688	129.839	65.87606	66.32105	50.50571	3.650053	45.84424	14.97125	30.87299	27.8783	10
1960.565	1961.906	1317.406	67.84142	107.7153	68.01447	69.34943	50.17765	3.134682	46.68767	31.78745	14.90022	28.32818	10
1960.57	1961.911	1317.411	68.19988	123.6969	68.2864	70.42481	46.65089	4.162337	49.18677	23.00697	26.1798	27.51193	10
1960.575	1961.916	1317.416	68.37293	108.6626	67.85378	66.95144	54.82398	2.341056	42.83497	23.29618	19.53879	29.28172	10
1960.58	1961.922	1317.422	69.70789	123.5747	69.04041	66.87728	51.13664	3.339439	45.52392	24.61002	20.9139	28.81219	10
1960.585	1961.927	1317.427	70.2394	141.5883	69.70789	68.70667	45.23459	4.839092	49.92632	26.29652	23.6298	27.69634	10
1960.59	1961.932	1317.432	71.20354	133.2461	70.59786	68.9168	46.94117	4.321711	48.73712	30.69896	18.03816	28.20687	10
1960.595	1961.938	1317.438	70.74619	146.9054	69.84386	67.96502	46.35549	4.717731	48.92677	31.1291	17.79768	27.84751	10
1960.6	1961.943	1317.443	71.35187	131.9322	70.49897	68.36057	49.0386	3.870139	47.09126	19.22371	27.86755	28.5147	10
1960.605	1961.948	1317.448	69.39887	108.8765	68.9168	67.96502	53.54096	2.567078	43.89196	16.30457	27.58739	29.19274	10
1960.61	1961.954	1317.454	69.00333	102.1386	68.33585	68.48418	56.97237	1.788722	41.2389	15.47652	25.76239	29.58353	10
1960.615	1961.959	1317.459	68.49654	98.13553	68.11335	68.08863	56.20406	1.836545	41.9594	17.82042	24.13898	29.56826	10
1960.62	1961.964	1317.464	67.91558	100.1523	67.5324	67.22338	56.25047	1.880708	41.86882	13.77928	28.08955	29.53957	10
1960.625	1961.969	1317.469	67.43351	83.22345	67.00089	64.62763	61.17394	0.598928	38.22713	27.18575	11.04138	31.06821	10
1960.63	1961.975	1317.475	66.91436	90.2364	66.56826	65.54232	59.28386	1.106452	39.60969	15.78308	23.82661	30.29946	10
1960.635	1961.98	1317.48	66.17272	93.9797	66.06147	64.91192	57.24017	1.540805	41.21902	15.93532	25.2837	29.8717	10
1960.64	1961.985	1317.485	65.56704	98.83835	65.2333	65.13442	58.34592	1.505432	40.14864	14.36424	25.7844	29.6785	10
1960.645	1961.991	1317.491	65.52996	90.84755	65.02317	64.44222	61.65495	0.754824	37.59023	22.86488	14.72535	30.50027	10
1960.65	1961.996	1317.496	65.52996	83.45263	65.20858	63.24323	62.00759	0.476428	37.51599	28.56453	8.951459	31.00338	10
1960.655	1962.001	1317.501	66.32105	101.1149	65.62885	64.04667	59.87939	1.326134	38.79447	27.16523	11.62924	30.18593	10
1960.66	1962.007	1317.507	65.82662	100.2287	64.96137	64.24444	61.88986	0.999906	37.11024	27.25325	9.856985	30.35034	10
1960.665	1962.012	1317.512	65.19622	91.09201	64.57818	63.31739	62.76499	0.598622	36.63638	22.49298	14.14341	30.79174	10
1960.67	1962.017	1317.517	64.07139	124.2164	63.88598	62.53866	52.43089	3.179718	44.38939	20.32901	24.06039	28.40139	10
1960.675	1962.023	1317.523	63.94779	156.424	63.441	61.8341	47.24104	4.981758	47.7772	19.64215	28.13505	27.14931	10
1960.68	1962.028	1317.528	64.38041	113.3379	63.53988	60.3879	59.85635	1.756092	38.38755	21.71155	16.676	30.02356	10
1960.685	1962.033	1317.533	65.34455	110.3585	64.55346	61.37675	59.30717	1.716151	38.97668	20.6491	18.32758	30.08714	10
1960.69	1962.038	1317.538	65.35691	129.9918	64.70179	61.0801	53.49081	3.200831	43.30836	32.31675	10.99161	28.88132	10
1960.695	1962.044	1317.544	65.31983	113.506	64.96137	62.43978	55.21539	2.431457	42.35315	23.01284	19.34032	29.30308	10
1960.7	1962.049	1317.549	65.69065	146.722	65.1097	64.60291	48.56027	4.459065	46.98066	33.40123	13.57944	27.41622	10
1960.705	1962.054	1317.554	63.65113	131.3057	63.23086	64.94901	52.92203	3.344149	43.73382	16.63774	27.09609	27.67826	10
1960.71	1962.06	1317.56	61.71049	148.7694	61.53744	60.30137	48.5653	4.538128	46.89657	26.31989	20.57668	27.22467	10
1960.715	1962.065	1317.565	59.02822	169.6554	58.97877	58.23713	45.02061	5.742592	49.2368	34.68481	14.55199	26.16477	10
1960.72	1962.07	1317.57	58.85517	165.6982	58.63267	56.29649	47.4786	5.306101	47.2153	33.28883	13.92648	26.70109	10
1960.725	1962.076	1317.576	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999

1961.025	1962.394	1317.894	68.24932	93.00186	67.09977	65.22094	63.61317	0.423374	35.96345	26.58231	9.381145	31.23122	10
1961.03	1962.399	1317.899	68.36057	68.28081	67.95266	67.79197	63.74558	0	36.25442	24.72039	11.53403	31.22432	10
1961.035	1962.404	1317.904	71.42603	74.94236	71.29006	72.24184	57.20576	1.176084	41.61816	15.19737	26.42079	30.26369	10
1961.04	1962.41	1317.91	74.09595	73.01723	74.00942	72.55086	54.83213	1.725904	43.44197	19.28262	24.15935	30.56551	10
1961.045	1962.415	1317.915	74.35552	64.43056	74.13303	73.56444	57.72504	0.953992	41.32096	21.501	19.81996	31.03786	10
1961.05	1962.42	1317.92	80.04146	85.02634	79.65828	78.24915	48.75515	3.460965	47.78389	32.19234	15.59155	29.89342	10
1961.055	1962.426	1317.926	77.16141	102.765	77.12433	78.27387	44.42976	4.635688	50.93455	33.27363	17.66092	28.51208	10
1961.06	1962.431	1317.931	77.3221	118.8994	76.54337	75.38146	46.12515	4.177777	49.69707	34.38868	15.30839	28.76094	10
1961.065	1962.436	1317.936	74.13303	92.0393	73.82401	74.38024	51.91899	2.607063	45.47394	16.192	29.28195	29.40308	10
1961.07	1962.442	1317.942	74.8994	85.19441	74.29372	72.93404	55.1695	1.75362	43.07688	22.38834	20.68855	30.38185	10
1961.075	1962.447	1317.947	74.36788	84.99579	74.19483	74.00942	52.35371	2.437568	45.20873	16.60502	28.60371	29.75969	10
1961.08	1962.452	1317.952	73.68804	86.18753	73.49027	73.37903	52.88235	2.316153	44.8015	24.34096	20.46054	29.74533	10
1961.085	1962.458	1317.958	74.51621	87.83764	74.39261	74.66454	51.14633	2.757879	46.09579	17.58013	28.51566	29.47794	10
1961.09	1962.463	1317.963	76.45685	99.98426	76.13547	75.67812	47.9542	3.659243	48.38656	26.06582	22.32073	29.13095	10
1961.095	1962.468	1317.968	74.56566	85.48471	74.34316	74.81287	52.43662	2.423784	45.1396	26.44319	18.6964	29.65017	10
1961.1	1962.473	1317.973	75.04772	86.08058	74.36788	75.31966	55.39336	1.702729	42.90391	18.14546	24.75846	29.9778	10
1961.105	1962.479	1317.979	75.07245	95.9965	74.46677	74.29372	52.39619	2.517547	45.08627	17.84536	27.24091	29.56993	10
1961.11	1962.484	1317.984	75.5916	88.57102	75.15897	74.19483	52.37439	2.461482	45.16412	14.03216	31.13196	29.90402	10
1961.115	1962.489	1317.989	76.6299	88.40295	76.46921	77.27266	49.35232	3.25635	47.39133	15.08064	32.31068	29.28907	10
1961.12	1962.495	1317.995	78.89191	89.76276	78.31096	76.91419	50.19925	3.00333	46.79742	21.64096	25.15646	29.8989	10
1961.125	1962.5	1318	78.75594	97.52438	78.19971	76.95128	48.25444	3.550324	48.19524	31.32972	16.86552	29.49584	10
1961.13	1962.505	1318.005	77.6682	96.91322	77.29738	75.90061	47.96613	3.650166	48.38371	28.77375	19.60996	29.43962	10
1961.135	1962.511	1318.011	79.42342	89.44191	79.34926	78.0761	45.86028	4.328772	49.81094	35.117	14.69394	29.45705	10
1961.14	1962.516	1318.016	79.65828	99.98426	79.23801	78.38512	45.77525	4.272506	49.95225	20.20484	29.74741	29.18786	10
1961.145	1962.521	1318.021	80.59769	110.8475	80.0909	80.04146	42.95266	5.053112	51.99423	31.00593	20.9883	28.66304	10
1961.15	1962.526	1318.026	79.62119	103.2234	79.01552	78.50873	46.46244	4.036524	49.50104	17.90095	31.60009	29.12445	10
1961.155	1962.532	1318.032	79.23801	120.3814	78.7683	78.80539	41.60896	5.417806	52.97323	27.86259	25.11064	28.29872	10
1961.16	1962.537	1318.037	77.16141	106.1722	76.86475	76.25908	45.61694	4.305921	50.07714	16.7056	33.37154	28.86154	10
1961.165	1962.542	1318.042	77.16141	122.1079	76.6917	76.76587	43.10162	5.012434	51.88594	28.41109	23.47485	28.2263	10
1961.17	1962.548	1318.048	77.18613	137.6617	76.14783	75.77701	43.72147	4.876061	51.40247	33.6478	17.75467	28.03472	10
1961.175	1962.553	1318.053	76.50629	121.2217	75.80173	74.00942	45.7389	4.318969	49.94213	30.98847	18.95366	28.74224	10
1961.18	1962.558	1318.058	77.07488	120.0606	76.70406	77.71764	42.91032	5.063288	52.02639	33.60108	18.42531	28.07639	10
1961.185	1962.564	1318.064	77.02544	102.0622	76.18491	74.54093	50.95165	2.85195	46.1964	15.28041	30.91598	29.66718	10
1961.19	1962.569	1318.069	75.95006	92.7574	75.55451	73.13181	50.74412	2.899475	46.35641	19.16308	27.19333	29.90984	10
1961.195	1962.574	1318.074	73.72513	59.57192	73.52735	73.30486	59.28921	0.527947	40.18284	15.42553	24.75731	31.29881	10
1961.2	1962.58	1318.08	70.07871	58.83853	69.33707	69.59664	67.0364	0	32.9636	23.24472	9.718882	30.9799	10
1961.205	1962.585	1318.085	68.11335	71.97828	67.06269	65.20858	68.0596	0	31.9404	17.93778	14.00262	31.41644	10
1961.21	1962.59	1318.09	67.95266	80.70245	67.1863	67.63129	63.89289	0.062755	36.04436	18.16055	17.88381	31.13351	10
1961.215	1962.595	1318.095	67.95266	65.05699	67.11213	65.61649	68.25386	0	31.74614	14.78404	16.9621	31.25937	10
1961.22	1962.601	1318.101	68.26168	72.1769	67.8785	66.87728	62.70211	0.046836	37.25106	12.50428	24.74677	31.40624	10
1961.225	1962.606	1318.106	67.52004	69.41144	67.02561	67.08741	64.91582	0	35.08418	16.14858	18.93559	31.09279	10
1961.23	1962.611	1318.111	64.87484	52.14643	64.68943	64.09612	69.13264	0	30.86736	16.40664	14.46072	30.7329	10
1961.235	1962.617	1318.117	62.97129	44.72095	62.68699	61.71049	73.44724	0	26.55276	19.35177	7.200983	30.68145	10
1961.24	1962.622	1318.122	63.25559	53.01732	62.55102	62.29145	74.43502	0	25.56498	22.46392	3.101059	30.81503	10
1961.245	1962.627	1318.127	66.32105	89.13633	64.61527	64.07139	70.63345	0	29.36655	22.49981	6.866749	31.4572	10
1961.25	1962.633	1318.133	67.45823	71.22962	66.53118	66.75367	67.88553	0	32.11447	16.71974	15.39473	31.01268	10
1961.255	1962.638	1318.138	68.17516	60.53448	67.55712	66.60534	67.4193	0	32.5807	19.07594	13.50477	31.13106	10
1961.26	1962.643	1318.143	70.91924	96.97434	69.2011	67.05033	64.60211	0.155629	35.24226	25.00978	10.23249	31.58058	10
1961.265	1962.648	1318.148	70.74619	87.13481	69.5472	69.51012	63.11906	0.239109	36.64183	24.32027	12.32156	31.12213	10
1961.27	1962.654	1318.154	74.0465	122.9177	72.64974	72.32836	52.95605	2.732516	44.31144	21.3483	22.96314	29.00444	10
1961.275	1962.659	1318.159	74.86231	103.8039	73.67568	68.90444	55.2025	1.925574	42.87193	21.944	20.92792	30.60888	10
1961.28	1962.664	1318.164	73.79929	97.95218	72.42725	70.26412	59.03354	1.059824	39.90663	29.86679	10.03984	30.76859	10
1961.285	1962.67	1318.17	76.48157	132.0086	74.45441	73.61388	53.40138	2.44518	44.15344	27.60556	16.54789	29.15454	10
1961.29	1962.675	1318.175	75.22077	91.84067	74.25664	72.95876	56.04351	1.58692	42.36957	13.02173	29.34785	30.37508	10
1961.295	1962.68	1318.18	76.6917	94.37695	75.66576	75.50507	54.55545	1.891761	43.55278	27.9783	15.57448	29.99788	10
1961.3	1962.686	1318.186	74.86231	88.31128	73.76221	73.71276	58.28116	1.038214	40.68063	14.50643	26.1742	30.54567	10
1961.305	1962.691	1318.191	73.05765	105.011	71.30242	68.83028	60.9773	0.819554	38.20315	12.93265	25.2705	30.9416	10
1961.31	1962.696	1318.196	71.32714	147.2262	68.90444	65.95023	57.52624	2.548883	39.92488	24.5596	15.36529	29.33241	10
1961.315	1962.702	1318.202	69.57192	140.366	67.42115	65.01081	58.6937	2.395355	38.91095	20.91741	17.99354	29.42504	10
1961.32	1962.707	1318.207	67.28518	150.2361	64.51638	63.04545	63.19872	2.23683	34.56445	21.88092	12.68353	29.56918	10
1961.325	1962.712	1318.212	66.48174	99.7398	64.93665	63.42864	66.67423	0.225284	33.10049	11.70379	21.3967	31.46345	10
1961.33	1962.717	1318.217	69.57192	94.97282	68.21224	66.67951	63.54793	0.40948	36.04259	13.73109	22.3115	31.20356	10
1961.335	1962.723	1318.223	70.27648	103.3303	68.9168	66.67951	60.87723	1.04528	38.07749	24.12795	13.94955	30.702	10
1961.34	1962.728	1318.228	72.64974	108.3876	71.35187	70.79563	56.99099	1.747862	41.26115	23.3966	17.86455	29.82502	10
1961.345	1962.733	1318.233	73.37903	99.4495	72.00698	72.14295	59.05784	1.109988	39.83218	28.33276	11.49941	30.28193	10
1961.35	1962.739	1318.239	74.80051	101.8024	73.79929	71.6856	54.30679	2.120675	43.57253	14.74548	28.82706	30.03173	10
1961.355	1962.744	1318.244	76.19727	104.5068	75.06008	73.73749	53.42107	2.271158	44.30777	26.70609	17.60168	29.80815	10
1961.36	1962.749	1318.249	78.11319	133.8267	76.55573	75.67812	47.82006	3.677698	48.50225	31.00041	17.50183	28.61576	10
1961.365	1962.755	1318.255	80.0291	177.3559	77.49515	76.18491	43.0912	4.66911	52.23969	26.57443	25.66525	27.59704	10
1961.37	1962.76	1318.26	81.33934	147.6998	79.08968	75.90061	46.85926	3.390501	49.75024	30.55547	19.19477	28.94951	10
1961.375	1962.765	1318.265	81.43822	126.3554	79.97966	76.53101	45.80272	3.898628	50.29866	29.78194	20.51672	29.30037	10
1961.38	1962.771	1318.271	79.69536	133.5823	78.28624	76.39504	45.27407	4.218821	50.50711	35.76738	14.73974	28.69729	10
1961.385	1962.776	1318.276	78.96608	123.4677	78.17499	78.43456	43.60294	4.813572	51.58348	19.33903	32.24445	28.31248	10

1961.39	1962.781	1318.281	78.58289	144.0788	77.45807	78.12555	41.55408	5.377084	53.06884	29.58563	23.48321	27.67403	10
1961.395	1962.786	1318.286	77.27266	108.2042	76.48157	78.43456	48.85466	3.419616	47.72573	33.10751	14.61822	28.65783	10
1961.4	1962.792	1318.292	77.81653	92.02402	77.3221	79.23801	49.97081	3.086386	46.94281	26.15275	20.79006	29.14738	10
1961.405	1962.797	1318.297	76.13547	72.03939	75.90061	75.57924	54.34195	1.870961	43.78708	23.77356	20.01352	30.4235	10
1961.41	1962.802	1318.302	74.72634	61.89429	73.95998	74.24428	62.21268	0	37.78732	15.01134	22.77598	31.53312	10
1961.415	1962.808	1318.308	70.80799	60.99284	69.8933	68.12571	67.18526	0	32.81474	21.99455	10.82019	31.37375	10
1961.42	1962.813	1318.313	67.64365	66.96684	66.92672	65.07261	67.11802	0	32.88198	14.88139	18.00059	31.35682	10
1961.425	1962.818	1318.318	67.91558	79.90796	66.77839	66.70423	66.99314	0	33.00686	20.72915	12.27771	31.20242	10
1961.43	1962.824	1318.324	71.01813	111.6114	69.38651	68.49654	60.29839	1.278879	38.42273	14.95661	23.46612	30.2139	10
1961.435	1962.829	1318.329	70.9316	110.6183	69.80677	67.48296	56.69071	1.957639	41.35165	12.1871	29.16455	29.92675	10
1961.44	1962.834	1318.334	70.73383	85.40831	69.85622	67.73017	61.05756	0.602234	38.34021	25.81897	12.52124	31.16982	10
1961.445	1962.839	1318.339	70.37537	61.43593	69.9551	70.2394	63.64422	0	36.35578	25.08261	11.27317	31.21255	10
1961.45	1962.845	1318.345	73.50263	88.86131	72.56322	70.26412	58.15361	1.149626	40.69676	27.95905	12.73771	30.82994	10
1961.455	1962.85	1318.35	73.36666	80.32048	72.78571	70.70911	57.56751	1.17248	41.26001	16.53357	24.72644	30.87685	10
1961.46	1962.855	1318.355	74.29372	73.81173	73.42847	72.81043	60.49304	0.394494	39.11247	13.47312	25.63935	31.30396	10
1961.465	1962.861	1318.361	73.03292	60.74838	72.85987	73.26778	59.44974	0.497371	40.05289	23.65094	16.40195	31.13931	10
1961.47	1962.866	1318.366	73.66332	71.03099	73.08237	71.36423	59.54264	0.60149	39.85587	18.51125	21.34462	31.35975	10
1961.475	1962.871	1318.371	74.56566	65.20978	74.14539	73.81165	58.87588	0.683544	40.44057	12.58656	27.85401	31.17602	10
1961.48	1962.877	1318.377	76.16019	74.9118	75.56687	76.0613	56.40216	1.344826	42.25301	19.93677	22.31624	30.51879	10
1961.485	1962.882	1318.382	77.50751	71.33657	76.92655	76.43213	55.93204	1.42889	42.63907	26.97328	15.66579	30.78767	10
1961.49	1962.887	1318.387	79.06496	86.96675	78.18735	77.51987	53.01578	2.173481	44.81074	14.30928	30.50146	30.18656	10
1961.495	1962.893	1318.393	79.36162	93.50606	78.58289	76.976	50.39397	2.909482	46.69655	26.86105	19.8355	29.91543	10
1961.5	1962.898	1318.398	80.01674	94.65197	78.86719	77.18613	52.38782	2.253612	45.35857	27.22663	18.13194	30.20665	10
1961.505	1962.903	1318.403	79.52231	66.18762	78.89191	77.85361	55.70765	1.452962	42.83939	11.71248	31.1269	31.0798	10
1961.51	1962.908	1318.408	81.52475	76.21049	80.51117	78.43456	54.40954	1.659851	43.93061	15.42552	28.50509	31.0157	10
1961.515	1962.914	1318.414	82.21695	65.37785	81.04268	79.75716	57.63956	0.661714	41.69873	23.11162	18.5871	31.64264	10
1961.52	1962.919	1318.419	79.31218	54.3313	78.83011	78.33568	57.62065	0.949859	41.42949	22.87551	18.55398	31.5053	10
1961.525	1962.924	1318.424	79.94257	68.18914	79.57175	79.16385	52.82493	2.326545	44.84852	30.39763	14.4509	30.522	10
1961.53	1962.93	1318.43	82.63721	100.4121	82.24167	81.20337	42.73951	5.257788	52.0027	19.97712	32.02559	29.12401	10
1961.535	1962.935	1318.435	83.4901	96.91322	82.46416	80.16507	47.68715	3.488514	48.82434	34.17424	14.6501	29.93981	10
1961.54	1962.94	1318.44	82.40236	71.81021	81.87085	80.16507	50.93097	2.876086	46.19294	23.38461	22.80833	30.58051	10
1961.545	1962.946	1318.446	82.08098	63.60551	81.50003	80.25159	53.59536	2.092442	44.3122	26.10267	18.20953	30.99521	10
1961.55	1962.951	1318.451	81.72252	56.63839	81.07976	80.6595	56.09017	1.355423	42.55441	23.04679	19.50762	31.33681	10
1961.555	1962.956	1318.456	82.14278	51.91725	81.95737	82.55069	53.3016	2.403866	44.29454	31.43707	12.85746	30.81322	10
1961.56	1962.961	1318.461	83.73732	56.2717	83.26761	82.22931	52.98415	2.425478	44.59037	23.52316	21.06721	31.08005	10
1961.565	1962.967	1318.467	85.52962	61.61927	85.02283	84.78798	50.3285	3.288185	46.38331	20.96491	25.4184	30.5619	10
1961.57	1962.972	1318.472	86.74098	58.02876	86.34543	84.70145	49.2208	3.872769	46.90643	31.57833	15.3281	30.78164	10
1961.575	1962.977	1318.477	87.24777	63.52912	87.04999	86.29599	45.89074	5.149829	48.95943	21.50325	27.45618	30.1481	10
1961.58	1962.983	1318.483	90.25142	75.79797	89.79408	87.4579	42.17002	6.34553	51.48445	20.33806	31.14639	30.02976	10
1961.585	1962.988	1318.488	89.43562	104.4304	88.96591	89.99185	36.08732	7.860817	56.05186	23.36934	32.68252	28.59099	10
1961.59	1962.993	1318.493	89.05243	97.96746	88.8423	90.77057	35.99216	8.263001	55.74484	31.07052	24.67431	28.47157	10
1961.595	1962.999	1318.499	90.77057	94.72836	90.20198	91.59874	37.97341	7.400428	54.62616	36.14161	18.48455	28.80955	10
1961.6	1963.004	1318.504	91.57402	97.67716	91.16612	90.65933	35.27528	8.669617	56.0551	34.75326	21.30184	28.98659	10
1961.605	1963.009	1318.509	92.19206	89.60997	91.57402	89.60867	38.28748	7.497058	54.21547	22.94934	31.26612	29.5684	10
1961.61	1963.015	1318.515	92.8719	85.59166	92.76065	91.38861	34.70683	9.92619	55.36698	20.32621	35.04076	29.24571	10
1961.615	1963.02	1318.52	92.04373	94.80475	91.70999	91.09195	34.9635	9.048345	55.98815	40.15031	15.83785	29.02975	10
1961.62	1963.025	1318.525	93.11911	88.0057	92.46399	91.82124	38.11021	7.663572	54.22622	33.14226	21.08396	29.3653	10
1961.625	1963.03	1318.53	92.31567	74.05619	92.20442	93.13147	38.01015	8.814324	53.17552	18.91173	34.26379	29.13117	10
1961.63	1963.036	1318.536	93.06967	75.06459	92.76065	94.18214	38.60517	8.39359	53.00124	32.82361	20.17764	29.11124	10
1961.635	1963.041	1318.541	93.72479	89.76276	93.24272	94.07089	35.78664	8.918368	55.295	28.23921	27.05579	28.92031	10
1961.64	1963.046	1318.546	94.23158	96.89795	93.6259	92.90898	34.55163	9.06455	56.38382	37.9954	18.38842	29.09865	10
1961.645	1963.052	1318.552	94.26866	100.137	93.46521	92.59996	35.26639	8.326164	56.40745	33.75772	22.64973	29.16131	10
1961.65	1963.057	1318.557	95.24516	110.1599	94.50351	93.92256	31.46349	9.800757	58.73575	34.23	24.50575	28.87034	10
1961.655	1963.062	1318.562	96.39471	107.2875	95.78903	95.67778	30.04728	10.96791	58.98481	28.16342	30.82139	28.77086	10
1961.66	1963.068	1318.568	95.43057	100.5954	94.36755	94.23158	36.09821	7.5864	56.31539	33.31842	22.99697	29.15484	10
1961.665	1963.073	1318.573	96.91386	98.48694	96.28346	96.02388	31.89099	10.5423	57.56671	29.47966	28.08705	28.94388	10
1961.67	1963.078	1318.578	96.17221	81.46639	95.8632	95.33168	34.20159	10.72641	55.072	36.7135	18.3585	29.16786	10
1961.675	1963.084	1318.584	96.38235	76.1341	96.28346	95.54182	33.67015	11.68867	54.64117	24.44344	30.19773	29.17954	10
1961.68	1963.089	1318.589	95.55418	81.92475	95.39349	98.16229	33.50971	11.15445	55.33584	28.55495	26.78089	28.4882	10
1961.685	1963.094	1318.594	96.22166	81.19137	96.01152	94.81253	33.45629	11.29106	55.25265	31.65324	23.5994	29.2351	10
1961.69	1963.099	1318.599	98.90394	93.29216	98.16229	99.25004	32.17942	10.74286	57.07773	30.88867	26.18905	28.79931	10
1961.695	1963.105	1318.605	100.6097	111.7795	99.386	99.22531	29.8722	9.87547	60.25233	30.39085	29.86147	28.98759	10
1961.7	1963.11	1318.61	100.5603	101.2677	100.1029	102.0436	26.52221	14.28869	59.1891	34.96435	24.22474	28.33824	10
1961.705	1963.115	1318.615	101.0918	101.2066	100.6344	102.0683	26.04801	14.70075	59.25124	30.84708	28.40416	28.41777	10
1961.71	1963.121	1318.621	106.4811	110.8016	106.3451	106.8642	16.27718	23.23883	60.48399	40.73303	19.75096	28.26686	10
1961.715	1963.126	1318.626	107.5564	88.73908	107.6306	106.7036	18.99844	25.14755	55.85402	42.30714	13.54688	28.22448	10
1961.72	1963.131	1318.631	113.4031	60.99284	112.5131	112.3153	27.80619	19.91679	52.27702	30.19832	22.07869	28.3928	10
1961.725	1963.137	1318.637	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1962.02	1963.45	1318.95	116.0854	289.9452	114.3301	115.4797	0	26.45498	73.54502	73.54502	0	-9999	10
1962.025	1963.455	1318.955	115.2325	196.0419	115.2077	112.0063	0	43.65175	56.34825	56.34825	0	-9999	10
1962.03	1963.46	1318.96	116.2213	190.7707	118.4339	121.6724	0	81.48672	18.51328	18.51328	0	-9999	10
1962.035	1963.465	1318.965	115.2819	169.0901	117.2596	119.8554	0	72.6937	27.3063	27.3063	0	-9999	10
1962.04	1963.471	1318.971	115.2077	178.1963	117.1484	121.1656	0	72.45596	27.54404	27.54404	0	-9999	10

1962.045	1963.476	1318.976	113.2918	169.0901	114.3919	116.9753	0	53.58123	46.41877	46.41877	0	-9999	10
1962.05	1963.481	1318.981	109.9792	176.0114	110.5107	110.3376	0	39.7454	60.2546	60.2546	0	-9999	10
1962.055	1963.487	1318.987	107.4823	174.8961	107.6183	105.6282	0	31.47788	68.52212	68.52212	0	-9999	10
1962.06	1963.492	1318.992	107.2103	126.6151	106.6418	104.1449	15.13222	21.03595	63.83184	45.58282	18.24902	29.06729	10
1962.065	1963.497	1318.997	106.2709	119.6175	105.8383	104.2685	16.63616	20.85947	62.50437	45.95	16.55437	28.81796	10
1962.07	1963.503	1319.003	105.0349	120.3814	104.6764	101.8952	17.0137	20.30244	62.68386	43.78774	18.89612	29.05913	10
1962.075	1963.508	1319.008	106.6294	106.7986	106.926	104.3674	13.75661	27.26747	58.97592	34.81845	24.15747	28.66488	10
1962.08	1963.513	1319.013	108.3599	118.6855	108.5082	109.3488	10.43747	29.05379	60.50874	56.83955	3.669195	28.12599	10
1962.085	1963.519	1319.019	104.2809	113.5212	104.2067	104.664	17.16425	21.466	61.36975	49.28617	12.08358	28.37384	10
1962.09	1963.524	1319.024	98.75561	136.2713	97.85327	95.76431	23.16026	12.56479	64.27494	44.37892	19.89603	28.98824	10
1962.095	1963.529	1319.029	89.42325	91.01562	88.66925	88.40967	41.54836	5.84299	52.60865	31.02282	21.58583	29.37961	10
1962.1	1963.534	1319.034	95.2328	71.39768	94.83725	95.04739	38.17305	8.983526	52.84343	32.33138	20.51205	29.38393	10
1962.105	1963.54	1319.04	90.01657	70.71014	89.17604	87.4579	46.58701	4.360383	49.05261	19.25461	29.798	30.46391	10
1962.11	1963.545	1319.045	86.79042	80.85524	85.39366	82.57541	51.41076	2.06381	46.52543	17.36253	29.1629	30.99615	10
1962.115	1963.55	1319.05	91.1414	119.4952	88.7805	85.22061	45.52904	1.951637	52.51932	24.76005	27.75928	30.23967	10
1962.12	1963.556	1319.056	92.66177	186.5996	88.39731	81.17865	42.64358	0	57.35642	20.91379	36.44263	28.68497	10
1962.125	1963.561	1319.061	100.6839	119.8467	100.5108	99.29948	19.70908	17.6113	62.67962	47.78392	14.8957	28.7845	10
1962.13	1963.566	1319.066	99.47253	107.5625	99.27476	100.1029	23.98787	15.58987	60.42226	36.58743	23.83483	28.4325	10
1962.135	1963.572	1319.072	97.19815	94.34639	97.17343	97.14871	27.93746	13.96158	58.10096	32.6425	25.45846	28.68789	10
1962.14	1963.577	1319.077	96.85205	71.93244	96.58012	95.77667	35.59596	10.75293	53.6511	20.31475	33.33635	29.36851	10
1962.145	1963.582	1319.082	96.98802	75.38544	96.53067	95.25752	36.07218	10.01397	53.91384	24.2899	29.62394	29.50065	10
1962.15	1963.587	1319.087	95.87556	73.79645	95.61598	94.40463	35.94746	10.28412	53.76843	35.54948	18.21894	29.44638	10
1962.155	1963.593	1319.093	94.42935	75.18682	94.05853	93.32925	37.80366	8.885361	53.31098	22.0663	31.24468	29.47691	10
1962.16	1963.598	1319.098	95.0103	90.86283	94.6024	91.27736	33.76297	10.09854	56.13848	38.85677	17.28172	29.57995	10
1962.165	1963.603	1319.103	96.58012	94.05609	96.22166	94.93614	31.16279	11.56958	57.26762	36.69464	20.57298	29.07735	10
1962.17	1963.609	1319.109	96.19694	90.26696	95.81375	96.2093	32.62388	10.92624	56.44988	37.17004	19.27984	28.85676	10
1962.175	1963.614	1319.114	96.2093	98.50222	95.78903	97.19815	30.90696	11.28522	57.80782	39.37997	18.42785	28.54424	10
1962.18	1963.619	1319.119	95.05975	98.08969	94.80017	93.65062	30.81904	11.3922	57.78876	38.11458	19.67419	28.97666	10
1962.185	1963.625	1319.125	92.84718	87.70013	92.27858	90.77057	37.76377	7.911415	54.32482	30.41604	23.90878	29.47936	10
1962.19	1963.63	1319.13	92.42691	84.2624	92.36511	90.96835	35.05472	9.798797	55.14649	23.8534	31.29308	29.2635	10
1962.195	1963.635	1319.135	90.32559	84.44575	89.86824	88.12538	40.00903	6.963542	53.02743	28.15535	24.87208	29.62735	10
1962.2	1963.641	1319.141	90.38739	87.73068	89.74463	89.64575	40.59415	6.45407	52.95178	36.08839	16.86339	29.34708	10
1962.205	1963.646	1319.146	89.46034	73.88812	89.11424	88.63217	42.49784	6.297201	51.20496	36.05507	15.14989	29.69881	10
1962.21	1963.651	1319.151	87.26013	71.79493	87.02527	85.80156	44.16643	5.581087	50.25248	32.90244	17.35005	29.93442	10
1962.215	1963.656	1319.156	86.90167	73.38392	86.5432	84.56549	45.06963	5.102197	49.82817	20.06335	29.76482	30.13293	10
1962.22	1963.662	1319.162	85.5049	65.68342	85.24533	84.49132	47.45181	4.354066	48.19412	19.80907	28.38505	30.21807	10
1962.225	1963.667	1319.167	85.86336	80.87052	85.45546	83.55191	44.5963	5.032326	50.37138	30.24686	20.12451	29.91594	10
1962.23	1963.672	1319.172	87.59387	61.58871	86.97583	85.7274	49.29896	3.664976	47.03607	14.63837	32.3977	30.71144	10
1962.235	1963.678	1319.178	87.84108	55.81334	87.59387	86.02405	47.59529	4.714483	47.69023	31.67829	16.01193	30.62433	10
1962.24	1963.683	1319.183	91.70999	83.31512	91.40097	90.01657	37.85944	8.206056	53.9345	34.87364	19.06086	29.44873	10
1962.245	1963.688	1319.188	91.06723	91.12257	90.18962	89.50978	40.96798	5.992652	53.03937	19.20023	33.83914	29.49358	10
1962.25	1963.694	1319.194	89.20076	78.04395	88.71869	87.76692	42.7847	5.928947	51.28636	26.92832	24.35804	29.75762	10
1962.255	1963.699	1319.199	88.70633	76.62302	88.61981	87.26013	40.51797	7.131885	52.35014	25.57584	26.7743	29.61392	10
1962.26	1963.704	1319.204	89.23784	69.54895	89.26256	88.81758	40.87875	7.3644	51.75685	30.55242	21.20444	29.57191	10
1962.265	1963.709	1319.209	88.00177	74.60622	87.65567	86.08586	43.66594	5.690894	50.64316	26.87637	23.76679	29.94482	10
1962.27	1963.715	1319.215	88.33551	75.23265	87.95233	86.23419	43.49469	5.740382	50.76492	22.0836	28.68132	29.96256	10
1962.275	1963.72	1319.22	87.65567	67.10435	87.29721	86.1353	45.89561	4.991402	49.11299	16.4771	32.6359	30.19136	10
1962.28	1963.725	1319.225	87.50734	72.31441	87.03763	86.08586	45.63339	4.883084	49.48352	21.23909	28.24443	30.04971	10
1962.285	1963.731	1319.231	86.49376	69.96148	86.11058	86.96347	46.46473	4.622526	48.91275	24.29561	24.61714	29.79265	10
1962.29	1963.736	1319.236	85.87572	77.15778	85.49254	83.79912	45.29182	4.867881	49.8403	32.3477	17.49261	30.00172	10
1962.295	1963.741	1319.241	85.24533	69.85453	85.05992	83.25525	46.10644	4.772404	49.12116	17.88751	31.23365	30.18381	10
1962.3	1963.747	1319.247	84.36772	72.26857	84.09578	82.60013	47.00021	4.322749	48.67704	18.15972	30.51731	30.14871	10
1962.305	1963.752	1319.252	83.86093	63.78886	83.56427	81.94501	49.71014	3.49001	46.79985	23.83598	22.96387	30.6068	10
1962.31	1963.757	1319.257	83.63843	66.63071	83.51482	83.32941	47.88597	4.11712	47.99691	24.48493	23.51199	30.06043	10
1962.315	1963.763	1319.263	81.03032	66.69182	80.59769	79.90549	52.66554	2.385568	44.9489	17.42686	27.52204	30.63425	10
1962.32	1963.768	1319.268	81.88321	75.59934	81.40114	80.0909	50.10844	3.110105	46.78146	16.68283	30.09863	30.29869	10
1962.325	1963.773	1319.273	82.11806	74.54511	81.8214	80.12798	48.71056	3.616501	47.67294	18.01218	29.66076	30.2297	10
1962.33	1963.778	1319.278	83.00803	70.63374	82.93387	81.94501	47.11402	4.29421	48.59177	28.00099	20.59079	30.02691	10
1962.335	1963.784	1319.284	84.16994	53.06316	84.00925	83.94745	50.96771	3.292856	45.73943	31.06678	14.67266	30.67014	10
1962.34	1963.789	1319.289	82.43944	55.56888	82.0439	80.56061	53.77351	2.167112	44.05938	14.65708	29.40231	31.21519	10
1962.345	1963.794	1319.294	82.09334	67.60855	81.89557	80.05382	49.64559	3.411926	46.94249	28.72444	18.21804	30.48638	10
1962.35	1963.8	1319.3	82.82262	82.71925	82.64957	81.80904	45.12627	4.756912	50.11682	22.2911	27.82572	29.58911	10
1962.355	1963.805	1319.305	82.62485	79.14402	82.51361	81.14156	45.69444	4.620353	49.6852	20.10122	29.58398	29.79148	10
1962.36	1963.81	1319.31	83.84856	75.93548	83.89801	83.61371	44.09975	5.350392	50.54986	22.91063	27.63922	29.54491	10
1962.365	1963.816	1319.316	84.60257	84.43047	84.31827	82.34056	43.93676	5.193158	50.87008	29.71039	21.15969	29.74855	10
1962.37	1963.821	1319.321	86.51848	91.42815	85.41838	82.95859	46.8032	3.682859	49.51394	23.88997	25.62398	30.14871	10
1962.375	1963.826	1319.326	84.59021	75.64518	84.24411	83.32941	46.55315	4.403727	49.04312	31.03752	18.0056	29.95076	10
1962.38	1963.832	1319.332	81.95737	65.42368	81.64835	80.3752	51.16158	2.914464	45.92396	26.95717	18.96679	30.60725	10
1962.385	1963.837	1319.337	79.97966	60.12195	79.78188	78.16263	53.40194	2.219751	44.37831	24.9056	19.47272	30.97028	10
1962.39	1963.842	1319.342	79.12677	75.00347	78.78066	79.1144	51.73481	2.615988	45.6492	20.14884	25.50036	30.05509	10
1962.395	1963.847	1319.347	78.66942	75.82852	78.50873	78.17499	50.51898	2.975403	46.50562	15.90916	30.59646	29.98391	10
1962.4	1963.853	1319.353	77.74236	68.95308	77.39626	77.50751	54.47266	1.836192	43.69115	13.98987	29.70128	30.51026	10
1962.405	1963.858	1319.358	79.32454	72.1769	79.13913	79.32454	50.99155	2.864566	46.14388	24.2322	21.91168	30.05157	10

1962.41	1963.863	1319.363	78.90427	76.25633	78.4222	78.17499	52.69007	2.323152	44.98678	31.96324	13.02354	30.25221	10
1962.415	1963.869	1319.369	79.36162	78.24257	79.29982	79.3987	48.53159	3.583307	47.88511	31.88471	16.0004	29.66596	10
1962.42	1963.874	1319.374	78.44692	74.77429	78.32332	79.13913	50.69141	2.924824	46.38377	20.84382	25.53995	29.80047	10
1962.425	1963.879	1319.379	76.95128	90.89339	76.67934	77.37154	49.31613	3.273334	47.41054	20.77784	26.63269	29.26147	10
1962.43	1963.885	1319.385	76.20963	86.7834	76.20963	77.68056	48.88555	3.368887	47.74556	18.28333	29.46222	29.11336	10
1962.435	1963.89	1319.39	76.76587	76.71469	76.72878	76.3456	51.09784	2.765689	46.13648	30.60011	15.53637	29.94053	10
1962.44	1963.895	1319.395	76.12311	65.89733	75.83881	76.02422	56.22289	1.352521	42.42459	19.21876	23.20583	30.7242	10
1962.445	1963.9	1319.4	78.48401	68.90724	78.0761	77.22321	54.28042	1.887963	43.83162	21.17212	22.6595	30.70466	10
1962.45	1963.906	1319.406	81.50003	88.86131	81.45058	82.60013	43.89872	5.044514	51.05676	32.16441	18.89235	28.94177	10
1962.455	1963.911	1319.411	82.69902	101.8788	82.85971	82.63721	38.01689	6.962911	55.0202	36.63929	18.38091	28.64595	10
1962.46	1963.916	1319.416	82.67429	91.71844	82.58777	80.7831	42.41436	5.557609	52.02804	26.41667	25.61137	29.37696	10
1962.465	1963.922	1319.422	82.06862	86.55422	81.98209	80.7831	44.22132	4.98928	50.7894	30.97211	19.81729	29.47018	10
1962.47	1963.927	1319.427	79.67064	92.00874	79.84369	80.0291	43.09576	5.19121	51.71303	25.36418	26.34885	28.91182	10
1962.475	1963.932	1319.432	79.99202	79.6635	80.14035	80.48645	45.97923	4.408555	49.61221	23.82273	25.78948	29.3648	10
1962.48	1963.938	1319.438	79.79424	83.05538	79.95493	79.47287	45.24455	4.599218	50.15623	22.24277	27.91346	29.37926	10
1962.485	1963.943	1319.443	79.48523	76.57718	79.54703	78.85483	47.86293	3.811858	48.32521	24.21464	24.11057	29.77665	10
1962.49	1963.948	1319.448	79.89313	100.1523	79.89313	79.25037	42.26146	5.385758	52.35278	18.37025	33.98253	28.8672	10
1962.495	1963.954	1319.454	78.86719	83.42207	78.7065	78.16263	48.49939	3.546172	47.95444	28.57946	19.37498	29.65622	10
1962.5	1963.959	1319.459	78.38512	88.17377	78.15027	77.90305	48.36775	3.556284	48.07596	30.17857	17.89739	29.46923	10
1962.505	1963.964	1319.464	77.76708	88.70853	77.70528	78.81775	47.4658	3.806833	48.72737	17.23254	31.49483	29.08153	10
1962.51	1963.969	1319.469	77.6682	104.4915	77.76708	77.29738	42.49195	5.202197	52.30585	22.29583	30.01002	28.65424	10
1962.515	1963.975	1319.475	77.0378	109.8696	77.16141	78.23679	41.57882	5.42815	52.99303	22.06458	30.92845	28.17455	10
1962.52	1963.98	1319.48	75.91297	91.94762	75.73992	74.8994	49.24988	3.284336	47.46579	32.36188	15.10391	29.45427	10
1962.525	1963.985	1319.485	75.75229	98.76196	75.48035	74.46677	48.51501	3.50549	47.9795	29.81355	18.16595	29.259	10
1962.53	1963.991	1319.491	75.22077	99.06753	75.29494	75.25786	46.24777	4.078838	49.67339	26.0291	23.64429	28.8324	10
1962.535	1963.996	1319.496	74.68926	79.18985	74.75107	73.94762	51.64296	2.571859	45.78519	25.86588	19.91931	29.91627	10
1962.54	1964.001	1319.501	74.6151	91.19897	74.72634	73.79929	48.4218	3.458198	48.12	31.56747	16.55253	29.32782	10
1962.545	1964.007	1319.507	74.54093	94.57557	74.42969	74.12067	49.39721	3.242101	47.36069	18.19142	29.16926	29.23591	10
1962.55	1964.012	1319.512	74.36788	79.35792	74.35552	73.72513	52.47273	2.359471	45.1678	19.98252	25.18528	29.96416	10
1962.555	1964.017	1319.517	75.96242	55.67583	75.95006	75.61632	56.73682	1.176119	42.08706	12.96825	29.11881	31.10116	10
1962.56	1964.022	1319.522	76.45685	58.5024	76.53101	75.49271	54.92735	1.684436	43.38822	13.24323	30.14499	30.9249	10
1962.565	1964.028	1319.528	78.66942	81.97059	78.50873	78.45929	49.0326	3.389992	47.57741	19.43463	28.14278	29.63952	10
1962.57	1964.033	1319.533	79.01552	102.6886	78.95371	77.07488	42.93406	5.125297	51.94064	18.47461	33.46603	29.04874	10
1962.575	1964.038	1319.538	78.92899	98.56333	79.07732	79.97966	42.38345	5.320332	52.29622	24.09179	28.20442	28.57078	10
1962.58	1964.044	1319.544	78.53345	94.30055	78.32332	79.25037	46.55702	4.068498	49.37448	29.96468	19.4098	28.9613	10
1962.585	1964.049	1319.549	78.00194	95.82843	77.71764	77.55695	47.25104	3.855937	48.89303	22.38385	26.50918	29.16817	10
1962.59	1964.054	1319.554	78.39748	97.23408	78.33568	78.16263	44.82265	4.568644	50.60871	35.66022	14.94848	28.94835	10
1962.595	1964.06	1319.56	79.00316	95.04921	78.89191	79.62119	45.17735	4.488438	50.33422	33.82949	16.50472	28.88559	10
1962.6	1964.065	1319.565	78.78066	93.09353	78.84247	78.65706	44.51418	4.696769	50.78906	27.84306	22.94599	29.02464	10
1962.605	1964.07	1319.57	79.42342	89.93083	79.3987	78.74358	45.35878	4.481863	50.15935	26.52414	23.63522	29.27505	10
1962.61	1964.076	1319.576	79.28745	93.53662	79.26273	79.25037	44.61127	4.681813	50.70691	22.21477	28.49215	29.01823	10
1962.615	1964.081	1319.581	80.17743	94.57557	80.35048	81.40114	42.00834	5.543616	52.44804	26.0149	26.43315	28.65113	10
1962.62	1964.086	1319.586	79.67064	93.00186	79.84369	81.14156	42.85542	5.258245	51.88633	35.13471	16.75162	28.66929	10
1962.625	1964.091	1319.591	78.87955	86.67645	79.21329	79.18857	43.86863	4.946169	51.1852	20.11268	31.07252	29.06935	10
1962.63	1964.097	1319.597	78.94135	88.49462	78.95371	78.23679	45.86246	4.320338	49.8172	28.27246	21.54474	29.33323	10
1962.635	1964.102	1319.602	78.61998	93.33799	78.6447	78.96608	44.89024	4.57503	50.53473	16.9519	33.58283	28.94865	10
1962.64	1964.107	1319.607	78.43456	98.12025	78.60761	78.89191	42.75396	5.18537	52.06067	25.79003	26.27064	28.69332	10
1962.645	1964.113	1319.613	77.76708	91.99346	77.92777	79.13913	44.94652	4.528481	50.525	23.03353	27.49147	28.77116	10
1962.65	1964.118	1319.618	77.39626	85.63749	77.53223	78.08846	47.01741	3.928578	49.05401	15.2177	33.83631	29.18048	10
1962.655	1964.123	1319.623	76.70406	86.38615	76.79059	77.87833	47.85624	3.664301	48.47945	22.97805	25.5014	29.11227	10
1962.66	1964.129	1319.629	76.12311	98.51749	76.3456	76.66698	44.40119	4.599039	50.99978	23.12111	27.87866	28.67844	10
1962.665	1964.134	1319.634	77.00072	100.4426	77.18613	76.85239	43.41529	4.915039	51.66967	36.58998	15.07969	28.73506	10
1962.67	1964.139	1319.639	76.46921	101.1149	76.74114	76.49393	43.07102	4.983354	51.94562	36.53403	15.41159	28.65526	10
1962.675	1964.145	1319.645	76.04894	101.726	75.9995	76.04894	45.80045	4.231845	49.9677	16.95321	33.0145	28.7684	10
1962.68	1964.15	1319.65	76.33324	103.9415	76.58045	75.83881	42.70367	5.080175	52.21615	21.00603	31.21012	28.65865	10
1962.685	1964.155	1319.655	75.86353	107.5931	76.19727	76.71642	41.58154	5.364804	53.05365	36.02972	17.02393	28.26169	10
1962.69	1964.16	1319.66	76.20963	114.0254	76.66698	76.32088	38.74854	6.166915	55.08454	37.72546	17.35908	28.17939	10
1962.695	1964.166	1319.666	76.23435	121.8482	76.37032	75.61632	39.32338	6.025802	54.65081	38.37451	16.27631	28.11847	10
1962.7	1964.171	1319.671	75.48035	113.0018	75.70284	75.33202	41.48733	5.388575	53.1241	29.96317	23.16093	28.28943	10
1962.705	1964.176	1319.676	75.03536	120.6564	75.13425	74.81287	41.00224	5.534879	53.46288	31.95077	21.5121	28.07171	10
1962.71	1964.182	1319.682	71.94518	157.3255	72.64974	71.19118	30.27732	8.273593	61.44909	39.37779	22.0713	27.23048	10
1962.715	1964.187	1319.687	74.59038	160.5035	74.97356	74.52857	29.56535	8.656155	61.77849	28.51273	33.26576	27.13069	10
1962.72	1964.192	1319.692	86.45668	176.974	87.39609	89.05243	10.35168	16.47363	73.17469	66.26238	6.912312	28.42334	10
1962.725	1964.198	1319.698	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1963.02	1964.51	1320.01	144.6634	278.2875	141.771	135.5906	0	8.557736	91.44226	91.44226	0	-9999	10
1963.025	1964.515	1320.015	144.9229	278.0736	143.0812	138.5201	0	68.61592	31.38408	31.38408	0	-9999	10
1963.03	1964.519	1320.019	146.4928	334.6967	143.9712	140.2877	0	34.70757	65.29243	65.29243	0	-9999	10
1963.035	1964.524	1320.024	145.7387	320.6555	143.5756	138.3347	0	54.39879	45.60121	45.60121	0	-9999	10
1963.04	1964.529	1320.029	145.8376	320.5638	142.9329	135.7513	0	10.55607	89.44393	89.44393	0	-9999	10
1963.045	1964.533	1320.033	145.5657	283.467	143.452	137.9144	0	54.49139	45.50861	45.50861	0	-9999	10
1963.05	1964.538	1320.038	146.7276	286.3547	145.6646	141.499	0	100	0	0	0	-9999	10
1963.055	1964.543	1320.043	148.3592	283.7267	147.5558	148.7671	0	100	0	0	0	-9999	10
1963.06	1964.548	1320.048	148.0996	286.1255	147.4074	143.1554	0	100	0	0	0	-9999	10

1963.065	1964.552	1320.052	147.8401	303.9711	147.2838	143.0565	0	100	0	0	0	-9999	10
1963.07	1964.557	1320.057	148.7918	260.6711	149.4099	154.6385	0	100	0	0	0	-9999	10
1963.075	1964.562	1320.062	147.2097	257.3556	147.6917	142.8834	0	100	0	0	0	-9999	10
1963.08	1964.566	1320.066	149.9167	287.9589	152.0674	157.8893	0	100	0	0	0	-9999	10
1963.085	1964.571	1320.071	150.2628	254.7429	153.0069	156.1836	0	100	0	0	0	-9999	10
1963.09	1964.576	1320.076	151.573	287.8061	155.1823	159.6322	0	100	0	0	0	-9999	10
1963.095	1964.581	1320.081	146.8018	257.5847	149.0638	153.7361	0	100	0	0	0	-9999	10
1963.1	1964.585	1320.085	144.7128	259.9835	144.8241	141.1158	0	100	0	0	0	-9999	10
1963.105	1964.59	1320.09	142.3643	259.2349	142.6362	138.1245	0	100	0	0	0	-9999	10
1963.11	1964.595	1320.095	141.499	239.6322	143.4397	139.5955	0	100	0	0	0	-9999	10
1963.115	1964.599	1320.099	143.6127	236.8973	146.5175	139.3606	0	100	0	0	0	-9999	10
1963.12	1964.604	1320.104	144.2555	186.4621	146.0601	147.0243	0	100	0	0	0	-9999	10
1963.125	1964.609	1320.109	141.6103	216.7904	143.9835	146.0725	0	100	0	0	0	-9999	10
1963.13	1964.613	1320.113	140.7945	217.86	143.6745	147.0243	0	100	0	0	0	-9999	10
1963.135	1964.618	1320.118	138.2234	206.8134	140.2011	133.6623	0	100	0	0	0	-9999	10
1963.14	1964.623	1320.123	138.0875	212.161	140.0157	138.1493	0	100	0	0	0	-9999	10
1963.145	1964.628	1320.128	137.3334	239.403	139.9168	144.1195	0	100	0	0	0	-9999	10
1963.15	1964.632	1320.132	135.022	196.76	137.1604	141.0417	0	100	0	0	0	-9999	10
1963.155	1964.637	1320.137	129.3361	259.6321	129.6574	127.3213	0	97.5908	2.409199	2.409199	0	-9999	10
1963.16	1964.642	1320.142	132.0307	334.0244	132.9207	141.5485	0	100	0	0	0	-9999	10
1963.165	1964.646	1320.146	124.9356	267.4548	123.7614	120.0531	0	46.01832	53.98168	53.98168	0	-9999	10
1963.17	1964.651	1320.151	116.518	172.7876	115.937	114.6639	0	36.1082	63.8918	63.8918	0	-9999	10
1963.175	1964.656	1320.156	113.8604	174.6058	113.8357	115.2077	0	39.65757	60.34243	60.34243	0	-9999	10
1963.18	1964.661	1320.161	112.3524	158.3033	112.2906	112.0063	0	35.48441	64.51559	64.51559	0	-9999	10
1963.185	1964.665	1320.165	111.1163	181.3743	110.6837	111.277	0	30.7261	69.2739	69.2739	0	-9999	10
1963.19	1964.67	1320.17	110.2264	171.3361	109.2499	107.9273	4.696265	22.9316	72.37214	66.89033	5.481805	-9999	10
1963.195	1964.675	1320.175	109.2993	180.0908	108.4835	108.5082	2.185166	24.31162	73.50322	73.50322	0	-9999	10
1963.2	1964.679	1320.179	108.1868	169.1971	107.4823	105.5046	4.982764	23.58439	71.43285	68.68587	2.746978	-9999	10
1963.205	1964.684	1320.184	107.7913	181.6645	106.889	106.3327	3.862266	22.12039	74.01735	66.70534	7.312009	-9999	10
1963.21	1964.689	1320.189	105.8136	169.7166	104.8494	104.4415	9.052159	19.09512	71.85272	62.87236	8.980359	29.31581	10
1963.215	1964.694	1320.194	104.4539	165.2857	103.8235	103.8111	8.788846	20.49777	70.71338	60.54765	10.16573	29.14659	10
1963.22	1964.698	1320.198	103.9718	172.8793	103.2426	102.229	8.161076	19.8032	72.03572	58.63931	13.39641	29.43108	10
1963.225	1964.703	1320.203	103.2796	156.1184	102.7481	100.894	11.32129	19.66108	69.01763	45.20953	23.8081	29.27859	10
1963.23	1964.708	1320.208	102.9953	134.3156	102.1672	102.3897	19.15821	15.67876	65.16302	47.13094	18.03209	28.65881	10
1963.235	1964.712	1320.212	102.6863	95.23256	102.2784	102.674	25.64356	15.9915	58.36493	42.57884	15.78609	28.55838	10
1963.24	1964.717	1320.217	102.9706	87.92931	102.7976	101.92	25.32928	17.57927	57.09145	34.79982	22.29163	28.70539	10
1963.245	1964.722	1320.222	103.6257	130.1751	103.5145	102.3526	14.02411	21.5861	64.38979	55.18706	9.202733	28.83517	10
1963.25	1964.726	1320.226	105.5293	174.4224	105.9001	105.9743	0	31.00771	68.99229	68.99229	0	-9999	10
1963.255	1964.731	1320.231	106.5923	190.2818	107.5688	107.5935	0	39.49854	60.50146	60.50146	0	-9999	10
1963.26	1964.736	1320.236	105.9248	188.3566	106.6912	107.2722	0	36.22037	63.77963	63.77963	0	-9999	10
1963.265	1964.741	1320.241	105.6653	166.0038	106.2586	109.5836	0	32.6863	67.3137	67.3137	0	-9999	10
1963.27	1964.745	1320.245	106.0361	189.6553	106.9879	108.4588	0	38.26675	61.73325	61.73325	0	-9999	10
1963.275	1964.75	1320.25	107.7048	165.1329	108.2981	109.3364	0	35.79251	64.20749	64.20749	0	-9999	10
1963.28	1964.755	1320.255	105.2697	167.3483	105.69	104.4415	0	30.62613	69.37387	69.37387	0	-9999	10
1963.285	1964.759	1320.259	106.4687	170.618	107.2474	107.3463	0	36.01247	63.98753	63.98753	0	-9999	10
1963.29	1964.764	1320.264	107.3463	158.1658	107.9644	106.4687	0	34.99296	65.00704	65.00704	0	-9999	10
1963.295	1964.769	1320.269	105.2821	152.421	106.0114	104.4415	0.60267	32.45676	66.94057	66.94057	0	-9999	10
1963.3	1964.774	1320.274	103.8111	147.6693	104.5404	103.7123	3.105833	29.99688	66.89729	66.89729	0	-9999	10
1963.305	1964.778	1320.278	104.4168	138.2117	104.6764	100.6962	8.477576	26.12987	65.39255	59.64845	5.744099	29.53294	10
1963.31	1964.783	1320.283	103.7123	150.0222	104.3797	103.5145	3.106378	29.49256	67.40106	63.07011	4.330957	-9999	10
1963.315	1964.788	1320.288	103.1313	144.7969	103.4774	103.737	7.396075	25.73028	66.87364	56.92655	9.947091	-9999	10
1963.32	1964.792	1320.292	103.9966	140.9772	104.3921	104.0584	7.141227	26.95063	65.90814	64.04103	1.867114	-9999	10
1963.325	1964.797	1320.297	103.5268	154.4989	104.0954	104.9236	2.959965	28.71346	68.32658	68.32658	0	-9999	10
1963.33	1964.802	1320.302	101.3143	158.67	101.2648	99.90515	8.775906	21.68719	69.5369	52.69085	16.84605	29.29464	10
1963.335	1964.806	1320.306	98.80505	142.1537	98.80505	97.06219	14.69817	18.65165	66.65018	45.2418	21.40838	29.00288	10
1963.34	1964.811	1320.311	99.16351	108.0514	99.20059	98.38478	22.33373	16.90069	60.76557	46.38141	14.38417	28.68039	10
1963.345	1964.816	1320.316	99.07699	81.29832	99.57141	98.86685	25.34315	18.03372	56.62313	35.22542	21.39771	28.66246	10
1963.35	1964.821	1320.321	99.65794	113.5518	99.78155	100.3131	19.8772	18.29443	61.82837	48.85844	12.96992	28.41853	10
1963.355	1964.825	1320.325	99.79391	168.3873	99.78155	98.5702	7.535674	21.20361	71.26071	57.95934	13.30138	-9999	10
1963.36	1964.83	1320.33	98.96574	167.9595	99.20059	98.6938	6.485205	22.05932	71.45548	55.43334	16.02214	-9999	10
1963.365	1964.835	1320.335	100.0535	161.6952	100.2389	104.1325	7.383622	22.34164	70.27474	59.12542	11.14932	-9999	10
1963.37	1964.839	1320.339	99.74446	175.3697	99.86807	101.4132	4.837669	22.54791	72.61442	59.939	12.67542	-9999	10
1963.375	1964.844	1320.344	100.3749	178.7157	100.5479	102.8717	3.064777	23.71865	73.21657	67.08277	6.133804	-9999	10
1963.38	1964.849	1320.349	98.71852	193.5973	98.52075	100.3625	3.86115	20.79305	75.3458	75.3458	0	-9999	10
1963.385	1964.854	1320.354	98.13757	213.6125	98.19937	97.60606	0	23.29945	76.70055	76.70055	0	-9999	10
1963.39	1964.858	1320.358	96.58012	219.9226	97.21051	97.2476	0	25.78239	74.21761	74.21761	0	-9999	10
1963.395	1964.863	1320.363	94.23158	206.5537	94.33046	97.17343	2.554596	20.01824	77.42716	77.42716	0	-9999	10
1963.4	1964.868	1320.368	94.77545	190.8318	95.03503	91.57402	4.613578	20.19562	75.1908	75.1908	0	-9999	10
1963.405	1964.872	1320.372	94.59004	227.2564	95.17099	96.62956	0	24.21888	75.78112	75.78112	0	-9999	10
1963.41	1964.877	1320.377	93.31688	257.9362	93.88548	93.218	0	25.18672	74.81328	74.81328	0	-9999	10
1963.415	1964.882	1320.382	93.1562	224.9951	93.74951	94.35519	0	22.96009	77.03991	77.03991	0	-9999	10
1963.42	1964.886	1320.386	90.70877	279.4487	90.77057	91.32681	0	22.50602	77.49398	77.49398	0	-9999	10
1963.425	1964.891	1320.391	86.24655	325.285	85.60379	84.97339	0	20.89333	79.10667	79.10667	0	-9999	10

1963.43	1964.896	1320.396	81.98209	311.5952	80.82019	79.44814	0	17.26405	82.73595	82.73595	0	-9999	10
1963.435	1964.901	1320.401	80.62241	234.7277	79.28745	76.92655	19.36921	11.37708	69.25372	47.47954	21.77417	26.98947	10
1963.44	1964.905	1320.405	80.3752	171.9625	79.70772	77.07488	29.61285	8.718295	61.66885	29.80428	31.86458	27.62537	10
1963.445	1964.91	1320.41	79.65828	91.55038	78.81775	78.89191	51.0733	2.699962	46.22674	20.78429	25.44245	29.72762	2
1963.45	1964.915	1320.415	77.84125	79.96907	75.43091	72.52613	67.71369	0	32.28631	11.27164	21.01467	30.93803	2
1963.455	1964.919	1320.419	75.46799	53.91877	73.81165	72.95876	70.35773	0	29.64227	17.2832	12.35908	30.85849	2
1963.46	1964.924	1320.424	74.15775	46.37106	73.77457	73.56444	63.52274	0	36.47726	22.88232	13.59495	31.53202	2
1963.465	1964.929	1320.429	74.55329	41.69576	73.95998	74.0465	65.91879	0	34.08121	9.237329	24.84388	31.24007	2
1963.47	1964.934	1320.434	71.20354	44.88902	70.41245	70.48661	69.76053	0	30.23947	19.07513	11.16434	30.83841	2
1963.475	1964.938	1320.438	70.00455	44.1098	69.609	69.68317	67.98671	0	32.01329	9.409864	22.60343	30.86014	2
1963.48	1964.943	1320.443	74.97356	81.20665	73.89818	71.19118	59.70654	0.621451	39.67201	25.92708	13.74493	31.41935	2
1963.485	1964.948	1320.448	68.2864	53.76598	66.91436	65.65357	74.79846	0	25.20154	10.16506	15.03648	31.11607	2
1963.49	1964.952	1320.452	71.82157	42.78055	70.65966	68.08863	72.57605	0	27.42395	6.410315	21.01363	31.23202	2
1963.495	1964.957	1320.457	69.65844	33.58273	68.86736	68.37293	73.91813	0	26.08187	11.26388	14.81799	30.7661	2
1963.5	1964.962	1320.462	65.96259	36.76072	64.59055	63.23086	81.05165	0	18.94835	17.118	1.830357	31.28976	2
1963.505	1964.966	1320.466	63.63877	17.44835	63.2185	62.22965	80.48688	0	19.51312	8.645475	10.86764	30.71105	2
1963.51	1964.971	1320.471	62.76116	22.82648	62.09368	60.30137	81.90869	0	18.09131	18.09131	0	31.09299	2
1963.515	1964.976	1320.476	66.4941	112.2378	63.75002	58.20005	72.93051	0	27.06949	16.11904	10.95045	32.87538	2
1963.52	1964.981	1320.481	72.09351	166.9358	74.81287	70.3012	12.20046	12.67028	75.12926	47.48848	27.64078	29.2186	2
1963.525	1964.985	1320.485	73.93526	124.3081	73.99706	69.25054	41.41804	5.423963	53.158	22.89235	30.26565	28.76217	2
1963.53	1964.99	1320.49	79.18857	77.15778	78.60761	80.11562	52.97673	2.226379	44.79689	24.47626	20.32063	29.95758	2
1963.535	1964.995	1320.495	77.27266	85.33192	76.66698	77.19849	52.95282	2.267241	44.77994	17.69903	27.08091	29.85347	2
1963.54	1964.999	1320.499	74.97356	97.73828	76.13547	80.04146	38.36687	6.109852	55.52328	30.51637	25.00691	27.65244	2
1963.545	1965.004	1320.504	74.77579	67.66966	75.82645	74.42969	46.68759	3.779386	49.53303	32.44511	17.08792	29.74586	2
1963.55	1965.009	1320.509	70.37537	68.17386	69.42359	66.72895	66.13285	0	33.86715	18.94429	14.92286	31.61392	2
1963.555	1965.014	1320.514	67.76725	33.12437	66.97617	66.29633	75.76895	0	24.23105	15.5942	8.636843	30.77719	2
1963.56	1965.018	1320.518	70.62258	64.40001	69.13929	67.32227	70.9379	0	29.0621	13.3944	15.66769	31.25058	2
1963.565	1965.023	1320.523	79.08968	101.176	77.09961	74.52857	58.176	0.658049	41.16595	28.91566	12.25029	31.03546	2
1963.57	1965.028	1320.528	79.32454	39.05253	78.45929	77.82889	64.27641	0	35.72359	11.93239	23.7912	31.73572	2
1963.575	1965.032	1320.532	86.03641	87.30288	84.45424	84.23175	51.98105	1.745347	46.27361	26.11387	20.15974	30.43684	2
1963.58	1965.037	1320.537	85.097	132.9406	83.79912	76.76587	39.59769	5.504538	54.89777	26.31068	28.58709	29.62687	2
1963.585	1965.042	1320.542	88.96591	172.6654	88.58272	85.88809	19.33602	12.59447	68.06952	35.40479	32.66472	28.51248	2
1963.59	1965.046	1320.546	86.75334	91.9629	87.07472	87.06235	35.44122	8.682024	55.87676	28.15402	27.72274	28.77231	2
1963.595	1965.051	1320.551	80.69658	43.05557	79.88077	77.87833	61.66221	0	38.33779	16.43824	21.89954	32.43714	2
1963.6	1965.056	1320.556	76.55573	26.89063	75.9995	75.27022	67.372	0	32.628	21.38568	11.24232	31.45381	9
1963.605	1965.061	1320.561	81.10448	48.92261	80.437	80.01674	58.71757	0.602902	40.67953	13.37921	27.30032	31.87534	9
1963.61	1965.065	1320.565	88.36023	72.57415	87.54442	86.35779	47.46816	3.973437	48.55841	20.65178	27.90662	30.34863	9
1963.615	1965.07	1320.57	86.39488	72.28385	85.10936	83.4901	52.98677	1.753978	45.25925	15.08055	30.1787	31.09555	9
1963.62	1965.075	1320.575	84.1205	60.13723	84.00925	82.60013	48.91809	3.90254	47.17937	23.28747	23.8919	30.5238	9
1963.625	1965.079	1320.579	86.22182	58.68575	86.18474	87.1118	46.76136	4.926219	48.31242	24.97013	23.34229	29.94119	9
1963.63	1965.084	1320.584	84.41716	57.81486	83.79912	83.60135	53.1348	2.30763	44.55757	19.81247	24.7451	30.94349	9
1963.635	1965.089	1320.589	93.77423	71.70326	93.83604	92.05609	35.89654	10.41183	53.69163	27.73451	25.95712	29.4907	9
1963.64	1965.094	1320.594	90.77057	72.80333	90.65933	88.92883	39.73483	7.851321	52.41385	18.68296	33.7309	29.71413	9
1963.645	1965.098	1320.598	96.08569	63.60551	95.71487	95.13391	39.0825	9.123354	51.79414	36.70693	15.08722	29.6648	9
1963.65	1965.103	1320.603	94.51588	76.80637	94.14505	91.68527	37.33212	9.045886	53.62199	29.30657	24.31542	29.73507	9
1963.655	1965.108	1320.608	97.40829	73.67422	97.54425	97.45773	31.50146	13.69518	54.80335	30.99681	23.80654	28.89279	9
1963.66	1965.112	1320.612	90.83238	159.2659	90.7953	86.32071	18.17926	14.03966	67.78108	46.81213	20.96895	29.11432	9
1963.665	1965.117	1320.617	93.92256	88.86131	93.99672	95.97444	31.51203	11.73338	56.75459	29.28825	27.46633	28.43148	9
1963.67	1965.122	1320.622	83.39122	123.4983	81.36406	79.84369	49.10399	2.504024	48.39199	33.37711	15.01488	29.48484	9
1963.675	1965.126	1320.626	90.98071	85.08746	90.9189	91.98193	36.18556	9.009646	54.80479	28.00107	26.80372	28.82036	9
1963.68	1965.131	1320.631	95.17099	95.73676	94.42935	93.14383	35.02213	8.788829	56.18904	24.79966	31.38938	29.26877	9
1963.685	1965.136	1320.636	95.96208	95.96594	95.62834	95.91264	31.07761	11.43146	57.49093	25.57508	31.91586	28.74621	9
1963.69	1965.141	1320.641	93.04495	84.79716	92.38983	91.15376	38.9549	7.411007	53.63409	31.33299	22.3011	29.5505	9
1963.695	1965.145	1320.645	94.68893	70.2365	94.68893	96.22166	35.88896	10.62462	53.48643	32.67789	20.80854	28.90344	9
1963.7	1965.15	1320.65	94.46643	71.56575	94.1945	91.85832	37.87948	9.165525	52.955	21.74351	31.21149	29.78487	9
1963.705	1965.155	1320.655	95.35641	83.98739	94.80017	93.57646	36.25796	9.06131	54.68073	37.73106	16.94967	29.413	9
1963.71	1965.159	1320.659	93.70007	86.92091	92.83482	91.52458	39.46677	6.87122	53.66201	24.95049	28.71152	29.63296	9
1963.715	1965.164	1320.664	93.08203	71.21434	92.98314	92.61232	37.89703	9.143305	52.95967	24.22884	28.73083	29.38362	9
1963.72	1965.169	1320.669	89.91768	78.31896	89.21312	86.93875	43.78289	5.374842	50.84226	21.39118	29.45108	30.12896	9
1963.725	1965.174	1320.674	94.09561	43.91118	93.35397	90.47392	48.55327	4.750014	46.69671	23.04859	23.64813	31.39112	9
1963.73	1965.178	1320.678	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1964.02	1965.451	1320.951	107.4452	361.8929	106.444	103.6628	0	33.04741	66.95259	66.95259	0	-9999	-9999
1964.025	1965.456	1320.956	102.6987	335.2009	102.5504	103.7493	0	34.19601	65.80399	65.80399	0	-9999	-9999
1964.03	1965.461	1320.961	105.2944	244.8117	104.8247	103.0819	0	27.99779	72.00221	72.00221	0	-9999	-9999
1964.035	1965.465	1320.965	105.2203	237.9821	105.7889	105.3933	0	36.67107	63.32893	63.32893	0	-9999	-9999
1964.04	1965.47	1320.97	106.5429	198.2267	106.2091	107.6924	0	27.36673	72.63327	72.63327	0	-9999	-9999
1964.045	1965.475	1320.975	104.8494	182.6271	104.491	100.4985	2.120822	24.31784	73.56134	73.56134	0	-9999	-9999
1964.05	1965.479	1320.979	110.3871	207.394	110.3005	109.4971	0	35.44622	64.55378	64.55378	0	-9999	-9999
1964.055	1965.484	1320.984	110.8691	194.0709	110.8938	110.214	0	36.56824	63.43176	63.43176	0	-9999	-9999
1964.06	1965.489	1320.989	108.2981	228.387	108.1621	110.5972	0	33.43554	66.56446	66.56446	0	-9999	-9999
1964.065	1965.494	1320.994	102.5504	209.5941	101.512	102.1919	2.978732	18.88652	78.13475	73.60583	4.528911	-9999	-9999
1964.07	1965.498	1320.998	95.82611	189.2734	93.51466	90.84474	23.94961	7.402614	68.64778	40.74368	27.9041	28.72203	5
1964.075	1965.503	1321.003	94.75073	282.1224	91.78415	87.26013	7.546657	10.52404	81.9293	78.15966	3.769643	-9999	5

1964.08	1965.508	1321.008	79.04024	81.45111	77.44571	76.77823	59.92945	0.18594	39.88461	16.75061	23.13399	31.37811	5
1964.085	1965.512	1321.012	77.77945	90.57254	76.09839	75.10953	59.55257	0.458624	39.98881	13.05584	26.93297	31.08485	5
1964.09	1965.517	1321.017	73.26778	45.31683	72.98348	73.21834	63.83027	0	36.16973	20.98524	15.18449	31.35913	5
1964.095	1965.522	1321.022	74.86231	69.99204	73.76221	72.67446	62.71441	0	37.28559	22.00735	15.27824	31.62917	5
1964.1	1965.527	1321.027	74.14539	76.28689	73.44083	73.76221	58.78517	0.825292	40.38954	27.87943	12.51011	30.74817	5
1964.105	1965.531	1321.031	74.34316	88.25016	73.21834	73.36666	58.96516	0.911075	40.12377	24.07135	16.05242	30.56102	5
1964.11	1965.536	1321.036	74.87467	78.88428	73.55208	73.0082	62.27544	0	37.72456	16.56326	21.1613	31.52289	5
1964.115	1965.541	1321.041	73.47791	69.77813	72.89696	73.86109	60.01641	0.481793	39.5018	24.03551	15.46629	30.93817	5
1964.12	1965.545	1321.045	72.78571	71.36712	71.83393	72.19239	63.14257	0	36.85743	23.0989	13.75853	31.31526	5
1964.125	1965.55	1321.05	73.55208	87.11953	72.43961	72.18003	59.87077	0.741407	39.38782	10.74247	28.64535	30.7575	5
1964.13	1965.555	1321.055	75.27022	88.44879	74.46677	75.6534	55.57351	1.670499	42.75599	30.70342	12.05257	29.89764	5
1964.135	1965.559	1321.059	74.00942	95.82843	72.19239	70.68439	62.80281	0.179128	37.01806	25.67275	11.34531	31.36097	5
1964.14	1965.564	1321.064	72.62502	76.01187	71.16645	68.19988	66.094	0	33.906	6.763451	27.14255	31.66415	5
1964.145	1965.569	1321.069	70.05399	105.1332	68.49654	66.02439	62.17835	0.863843	36.95781	15.38159	21.57621	30.89023	5
1964.15	1965.574	1321.074	74.66454	193.5514	71.12937	64.35569	51.86674	3.946939	44.18632	25.25384	18.93249	28.49615	5
1964.155	1965.578	1321.078	73.73749	197.1878	70.10343	64.92428	52.606	4.091562	43.30244	27.45479	15.84765	28.1077	5
1964.16	1965.583	1321.083	69.21346	104.5373	68.00211	66.19744	60.41356	1.22285	38.36359	11.49754	26.86606	30.40866	5
1964.165	1965.588	1321.088	62.13076	62.70406	60.88233	59.54737	77.34068	0	22.65932	22.65932	0	31.43324	5
1964.17	1965.592	1321.092	64.195	98.25776	62.27909	61.69813	72.01055	0	27.98945	10.63345	17.356	31.7299	5
1964.175	1965.597	1321.097	65.64121	172.3903	62.00715	59.4732	66.05555	2.82341	31.12104	20.60447	10.51657	29.56388	5
1964.18	1965.602	1321.102	68.18752	173.5974	65.22094	62.67463	58.24788	3.580247	38.17187	20.82566	17.34621	28.41133	5
1964.185	1965.607	1321.107	66.17272	150.832	63.62641	62.32853	62.35366	2.516401	35.12994	13.8438	21.28613	29.24749	5
1964.19	1965.611	1321.111	67.64365	190.786	63.68821	61.8341	62.25225	3.620342	34.1274	22.0437	12.0837	28.44516	5
1964.195	1965.616	1321.116	79.79424	331.6257	79.63356	78.86719	0	20.58055	79.41945	79.41945	0	-9999	5
1964.2	1965.621	1321.121	72.62502	316.8053	68.19988	64.28153	30.81296	11.1107	58.07634	40.2304	17.84594	24.00263	5
1964.205	1965.625	1321.125	63.04545	109.0293	60.07888	56.63023	78.60406	0	21.39594	14.64967	6.746279	33.15483	5
1964.21	1965.63	1321.13	59.43612	58.04404	57.76742	56.81565	84.20453	0	15.79547	14.29524	1.500235	32.13783	5
1964.215	1965.635	1321.135	57.26063	69.41144	56.34594	56.02456	77.61153	0	22.38847	4.144901	18.24357	31.30937	5
1964.22	1965.64	1321.14	59.68333	90.22112	58.12588	56.38302	75.32807	0	24.67193	15.80133	8.870591	32.0236	5
1964.225	1965.644	1321.144	65.44344	155.3392	63.61405	58.85517	56.3777	3.586467	40.03583	26.96862	13.06721	28.78243	5
1964.23	1965.649	1321.149	69.11457	141.6036	69.29998	65.59176	40.70958	5.694244	53.59617	28.96951	24.62666	27.86091	5
1964.235	1965.654	1321.154	68.00211	145.8206	67.98975	64.02195	42.24528	5.481896	52.27282	29.13311	23.13972	27.7999	5
1964.24	1965.658	1321.158	62.76116	134.6365	60.67219	56.9887	65.86717	1.801736	32.33109	10.52519	21.8059	30.47599	5
1964.245	1965.663	1321.163	63.62641	104.3081	61.25315	58.06408	74.6139	0	25.3861	23.4621	1.923998	32.55306	5
1964.25	1965.668	1321.168	68.69431	92.57405	67.2481	65.30747	65.60641	0.046891	34.3467	19.61701	14.72969	31.64826	5
1964.255	1965.672	1321.172	68.59542	87.74596	67.44587	65.27039	64.56669	0.106056	35.32726	14.81382	20.51344	31.59477	5
1964.26	1965.677	1321.177	70.44953	98.68556	68.45945	66.37049	66.72763	0	33.27237	14.63155	18.64082	31.69003	5
1964.265	1965.682	1321.182	71.32714	117.0659	69.62136	69.06513	59.26888	1.563411	39.16771	11.28918	27.87853	29.85148	5
1964.27	1965.687	1321.187	67.35935	95.62981	65.71537	63.62641	67.62781	0	32.37219	11.49014	20.88205	31.76935	5
1964.275	1965.691	1321.191	67.02561	77.92172	65.85134	63.92307	68.57997	0	31.42003	5.583004	25.83702	31.46791	5
1964.28	1965.696	1321.196	69.22582	84.1249	67.42115	66.02439	69.94019	0	30.05981	5.979325	24.08049	31.41056	5
1964.285	1965.701	1321.201	70.11579	115.2783	67.82906	61.37675	65.31832	0.541268	34.14041	14.08566	20.05475	31.98512	5
1964.29	1965.705	1321.205	68.80555	95.93538	66.48174	63.16906	71.49211	0	28.50789	5.714308	22.79358	31.94401	5
1964.295	1965.71	1321.21	67.01325	71.30601	65.19622	61.57453	75.17372	0	24.82628	22.68604	2.140244	31.84586	5
1964.3	1965.715	1321.215	65.20858	68.34193	62.84768	60.0418	81.76633	0	18.23367	13.52635	4.707319	32.27726	5
1964.305	1965.72	1321.22	63.0949	63.72774	61.32731	59.46084	80.22936	0	19.77064	16.77615	2.994492	31.88186	5
1964.31	1965.724	1321.224	65.85134	76.86748	64.93665	64.50402	67.90372	0	32.09628	22.06296	10.03332	31.15009	5
1964.315	1965.729	1321.229	63.99723	89.38079	62.95893	61.68577	67.53923	0	32.46077	8.728945	23.73182	31.49246	5
1964.32	1965.734	1321.234	63.9107	73.32281	63.05781	59.49792	70.06793	0	29.93207	6.213181	23.71889	31.63732	5
1964.325	1965.738	1321.238	64.92428	64.95004	63.82418	59.28779	73.07756	0	26.92244	9.29831	17.62413	31.8037	5
1964.33	1965.743	1321.243	63.75002	53.76598	63.39155	61.78466	71.11669	0	28.88331	18.83469	10.04861	30.89795	5
1964.335	1965.748	1321.248	60.22721	41.84855	59.4114	56.48191	80.78614	0	19.21386	17.66341	1.550457	31.51712	5
1964.34	1965.752	1321.252	59.36196	33.13965	58.4349	55.67846	84.55188	0	15.44812	15.15122	0.296902	31.77348	5
1964.345	1965.757	1321.257	60.06652	23.83488	59.54737	59.26307	82.99418	0	17.00582	4.920195	12.08562	30.83457	5
1964.35	1965.762	1321.262	62.04423	23.20845	62.0566	62.7488	77.20706	0	22.79294	17.73156	5.06138	30.07514	5
1964.355	1965.767	1321.267	66.98853	34.91198	66.53118	66.19744	73.46629	0	26.53371	15.74042	10.79328	30.61945	5
1964.36	1965.771	1321.271	67.73017	40.90126	68.33585	69.34943	63.09615	0	36.90385	14.05964	22.84421	30.69511	5
1964.365	1965.776	1321.276	69.13929	181.5882	65.60413	64.72651	59.84508	3.409235	36.74569	25.03931	11.70638	28.23885	5
1964.37	1965.781	1321.281	71.93282	262.0156	67.55712	65.76481	44.3257	7.556173	48.11813	29.72716	18.39097	25.01508	5
1964.375	1965.785	1321.285	67.08741	169.1665	65.09734	61.80938	52.76439	4.422221	42.81339	27.93135	14.88205	27.84654	5
1964.38	1965.79	1321.29	66.25924	131.0307	64.62763	64.44222	59.97709	2.22015	37.80276	25.63224	12.17052	29.1526	5
1964.385	1965.795	1321.295	67.00089	172.0848	65.30747	61.78466	49.83868	4.968855	45.19247	17.84866	27.34381	27.51147	5
1964.39	1965.8	1321.3	72.24184	291.7786	68.11335	66.29633	34.92283	9.871849	55.20532	32.0362	23.16911	24.0917	5
1964.395	1965.804	1321.304	84.24411	455.2156	81.79668	70.02927	0	23.825	76.175	76.175	0	-9999	5
1964.4	1965.809	1321.309	70.5237	313.9634	65.46816	58.29893	38.31948	10.36955	51.31097	26.71361	24.59736	24.35602	5
1964.405	1965.814	1321.314	63.41628	158.777	60.49914	57.79214	65.84078	2.655745	31.50347	25.45566	6.04781	29.70612	5
1964.41	1965.818	1321.318	56.93925	57.55512	55.86387	54.2817	82.02177	0	17.97823	15.28731	2.690918	31.80254	5
1964.415	1965.823	1321.323	58.3731	52.57424	57.47076	55.90095	80.56687	0	19.43313	10.78221	8.650917	31.46848	5
1964.42	1965.828	1321.328	55.27055	52.22283	54.30642	54.15809	83.98523	0	16.01477	5.051164	10.96361	31.63237	5
1964.425	1965.832	1321.332	55.75262	105.5304	53.7131	50.57348	78.9755	0	21.0245	15.62191	5.402581	33.24737	5
1964.43	1965.837	1321.337	57.64381	128.4028	54.9739	49.98016	76.58609	0.797132	22.61678	14.44121	8.175573	32.93063	5
1964.435	1965.842	1321.342	54.60307	87.33344	52.83549	50.48695	82.32926	0	17.67074	17.67074	0	32.99248	5
1964.44	1965.847	1321.347	52.58828	40.3665	51.31512	49.65878	91.71705	0	8.282953	8.282953	0	33.08712	5

1964.445	1965.851	1321.351	54.65252	45.86686	53.60185	52.77369	86.76254	0	13.23746	5.844151	7.393314	32.06074	5
1964.45	1965.856	1321.356	57.40896	23.6057	56.69204	54.51655	87.02733	0	12.97267	3.394692	9.577981	31.72965	5
1964.455	1965.861	1321.361	62.78588	34.4689	62.15548	60.59803	78.7811	0	21.2189	3.911135	17.30777	30.95672	5
1964.46	1965.865	1321.365	65.4558	56.8523	65.02317	64.7636	69.37526	0	30.62474	7.554572	23.07017	30.76803	5
1964.465	1965.87	1321.37	66.70423	86.67645	64.98609	62.63755	70.97201	0	29.02799	9.536586	19.49141	31.7181	5
1964.47	1965.875	1321.375	65.59176	95.03394	63.23086	61.4262	74.95434	0	25.04566	23.04	2.00566	32.0079	5
1964.475	1965.88	1321.38	67.1863	174.8502	62.48922	60.49914	72.27721	1.784213	25.93858	13.86232	12.07626	30.92479	5
1964.48	1965.884	1321.384	66.95144	132.4364	63.61405	60.91941	72.2199	0.396723	27.38338	14.22582	13.15756	32.11177	5
1964.485	1965.889	1321.389	63.73765	89.24328	61.94535	60.89469	73.65486	0	26.34514	7.132145	19.213	31.71631	5
1964.49	1965.894	1321.394	64.63999	87.18065	62.76116	60.91941	73.99444	0	26.00556	11.91364	14.09192	31.82093	5
1964.495	1965.898	1321.398	62.98365	126.0346	59.6957	57.23591	77.03633	0.107104	22.85657	18.83887	4.017695	33.11229	5
1964.5	1965.903	1321.403	58.12588	63.14715	56.88981	53.77491	80.82215	0	19.17785	9.576979	9.600876	32.11757	5
1964.505	1965.908	1321.408	59.3496	44.56817	59.00349	58.42254	77.29516	0	22.70484	19.48678	3.218065	30.66634	5
1964.51	1965.912	1321.412	59.99235	74.88124	59.0653	59.28779	73.87045	0	26.12955	5.507162	20.62239	31.06801	5
1964.515	1965.917	1321.417	64.25681	72.92556	62.43978	59.65861	77.31772	0	22.68228	20.77556	1.90672	31.94393	10
1964.52	1965.922	1321.422	66.40757	87.99042	64.18264	59.91819	74.85457	0	25.14543	15.96143	9.184003	32.26912	10
1964.525	1965.927	1321.427	68.48418	108.8459	66.80312	62.06896	63.68205	0.820412	35.49754	9.105934	26.3916	31.36893	10
1964.53	1965.931	1321.431	71.01813	107.6389	70.06635	67.5324	55.99097	2.030104	41.97892	29.18217	12.79675	29.91398	10
1964.535	1965.936	1321.436	72.57558	109.7321	72.04407	72.47669	50.79451	3.095436	46.11005	31.50447	14.60559	28.77487	10
1964.54	1965.941	1321.441	73.39139	101.3593	73.19361	73.28014	49.48369	3.274017	47.24229	23.88627	23.35602	28.93865	10
1964.545	1965.945	1321.445	76.27144	73.20058	76.23435	76.33324	52.40313	2.39205	45.20482	15.62796	29.57687	30.04037	10
1964.55	1965.95	1321.45	79.37398	69.13642	79.3369	78.78066	50.53231	3.032434	46.43525	16.99541	29.43985	30.17225	10
1964.555	1965.955	1321.455	80.89435	94.17832	80.69658	80.54825	44.31877	4.806895	50.87433	22.23371	28.64063	29.07476	10
1964.56	1965.96	1321.46	81.73488	88.21961	81.58655	80.88199	44.60431	4.815493	50.58019	17.72755	32.85265	29.34977	10
1964.565	1965.964	1321.464	84.82506	125.5609	84.91159	83.70024	30.90463	9.230334	59.86503	38.26301	21.60203	28.34537	10
1964.57	1965.969	1321.469	86.7657	128.2958	86.38251	86.39488	32.09764	8.668243	59.23412	33.651	25.58312	28.18371	10
1964.575	1965.974	1321.474	82.4518	90.06834	81.79668	81.28989	47.42498	3.7835	48.79152	17.7041	31.08742	29.60104	10
1964.58	1965.978	1321.478	80.53589	79.05234	80.41228	80.70894	47.73427	3.860699	48.40503	21.61017	26.79486	29.57087	10
1964.585	1965.983	1321.483	77.40862	68.54055	76.50629	75.54215	59.19034	0.535635	40.27403	24.84143	15.4326	31.43521	10
1964.59	1965.988	1321.488	73.78693	47.71559	73.2925	72.50141	64.40068	0	35.59932	24.45287	11.14645	31.49439	10
1964.595	1965.992	1321.492	73.16889	52.0242	72.69918	71.36423	63.735	0	36.265	15.89667	20.36834	31.62	10
1964.6	1965.997	1321.497	72.68682	64.36945	71.79685	70.69675	64.448	0	35.552	6.337361	29.21464	31.45691	10
1964.605	1966.002	1321.502	72.63738	45.53073	72.42725	71.50019	63.7837	0	36.2163	6.265817	29.95048	31.52962	10
1964.61	1966.007	1321.507	69.78205	52.37562	68.83028	67.13686	70.50188	0	29.49812	18.97092	10.5272	31.1453	10
1964.615	1966.011	1321.511	66.66715	36.10373	66.30869	65.59176	72.7072	0	27.2928	7.160526	20.13228	30.66557	10
1964.62	1966.016	1321.516	63.99723	32.00902	63.441	63.42864	77.68717	0	22.31283	15.84593	6.466902	30.57808	10
1964.625	1966.021	1321.521	65.13442	28.51018	64.59055	63.94779	77.39188	0	22.60812	6.466575	16.14154	30.66535	10
1964.63	1966.025	1321.525	65.33219	22.5209	65.03553	64.5411	76.74342	0	23.25658	19.73723	3.519345	30.5007	10
1964.635	1966.03	1321.53	67.4706	27.68513	67.1863	66.2716	73.43055	0	26.56945	15.84296	10.72649	30.66186	10
1964.64	1966.035	1321.535	67.64365	19.23597	67.52004	67.50768	74.0707	0	25.9293	16.15343	9.775869	30.42393	10
1964.645	1966.04	1321.54	71.36423	36.07317	71.04285	70.27648	68.10589	0	31.89411	9.388297	22.50581	31.05585	10
1964.65	1966.044	1321.544	72.89696	54.63687	72.52613	72.27892	62.58655	0	37.41345	10.23852	27.17493	31.52659	10
1964.655	1966.049	1321.549	73.84873	81.29832	73.6386	75.03536	54.0135	1.999876	43.98663	22.95033	21.0363	29.69901	10
1964.66	1966.054	1321.554	76.27144	91.07673	76.20963	75.2455	48.26869	3.547401	48.18391	22.78167	25.40224	29.39606	10
1964.665	1966.058	1321.558	78.69414	129.1209	78.23679	75.40618	39.89858	5.894102	54.20732	31.58977	22.61755	28.50422	10
1964.67	1966.063	1321.563	85.02283	206.0647	83.98453	81.63599	19.95816	11.21244	68.8294	47.85588	20.97352	27.72972	10
1964.675	1966.068	1321.568	96.62956	319.9985	96.24638	89.37381	0	26.71375	73.28625	73.28625	0	-9999	10
1964.68	1966.073	1321.573	108.9532	392.0685	108.8049	104.3179	0	45.21963	54.78037	54.78037	0	-9999	10
1964.685	1966.077	1321.577	104.0831	320.9458	103.5021	101.1041	0	31.08704	68.91296	68.91296	0	-9999	10
1964.69	1966.082	1321.582	99.18823	202.8562	97.98924	97.51953	8.947806	15.46662	75.58558	56.84202	18.74356	29.2115	10
1964.695	1966.087	1321.587	97.40829	187.3941	96.93858	99.13879	8.675242	17.77676	73.548	64.76849	8.779509	28.65182	10
1964.7	1966.091	1321.591	102.2413	122.4288	103.1807	106.2091	9.029742	27.84667	63.12359	54.1511	8.972492	28.11309	10
1964.705	1966.096	1321.596	102.6369	88.7238	102.6245	101.7716	24.19871	18.55096	57.25033	29.51366	27.73667	28.62454	10
1964.71	1966.101	1321.601	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1965.02	1966.393	1321.893	134.5276	194.3612	136.5547	139.2246	0	100	0	0	0	-9999	10
1965.025	1966.397	1321.897	135.6524	195.3238	137.7537	142.7845	0	100	0	0	0	-9999	10
1965.03	1966.402	1321.902	135.9614	181.0992	136.53	135.3928	0	100	0	0	0	-9999	10
1965.035	1966.407	1321.907	135.7389	174.9113	136.4435	137.7166	0	100	0	0	0	-9999	10
1965.04	1966.411	1321.911	136.4064	160.6562	136.4188	135.1332	0	100	0	0	0	-9999	10
1965.045	1966.416	1321.916	134.2927	220.4268	134.9231	132.7723	0	100	0	0	0	-9999	10
1965.05	1966.421	1321.921	135.4052	198.3184	135.8502	135.4917	0	100	0	0	0	-9999	10
1965.055	1966.425	1321.925	134.9602	163.7578	135.0467	132.2655	0	100	0	0	0	-9999	10
1965.06	1966.43	1321.93	135.9614	183.9869	136.8514	138.0875	0	100	0	0	0	-9999	10
1965.065	1966.435	1321.935	135.3928	244.1089	137.4447	139.0392	0	100	0	0	0	-9999	10
1965.07	1966.44	1321.94	135.8254	215.6904	136.9503	134.0826	0	100	0	0	0	-9999	11
1965.075	1966.444	1321.944	135.0096	233.2457	136.2951	128.0011	0	100	0	0	0	-9999	11
1965.08	1966.449	1321.949	138.9156	199.2657	139.8798	139.9292	0	100	0	0	0	-9999	11
1965.085	1966.454	1321.954	136.221	158.4714	136.666	135.1703	0	100	0	0	0	-9999	11
1965.09	1966.458	1321.958	135.3063	197.2795	136.2333	135.1209	0	100	0	0	0	-9999	11
1965.095	1966.463	1321.963	137.1851	217.4627	138.2358	133.069	0	100	0	0	0	-9999	11
1965.1	1966.468	1321.968	135.8502	222.2755	136.4188	136.8267	0	100	0	0	0	-9999	11
1965.105	1966.473	1321.973	135.776	230.1135	136.53	139.0763	0	100	0	0	0	-9999	11
1965.11	1966.477	1321.977	137.6672	233.9943	138.792	139.2246	0	100	0	0	0	-9999	11

1965.115	1966.482	1321.982	137.0121	244.827	137.9391	141.0169	0	100	0	0	0	-9999	11
1965.12	1966.487	1321.987	137.0986	286.8589	138.0133	141.9316	0	100	0	0	0	-9999	11
1965.125	1966.491	1321.991	139.3606	268.4785	140.8315	145.6522	0	100	0	0	0	-9999	11
1965.13	1966.496	1321.996	137.0862	321.8472	138.4954	139.9786	0	100	0	0	0	-9999	11
1965.135	1966.501	1322.001	133.9961	291.855	135.0714	136.9255	0	100	0	0	0	-9999	11
1965.14	1966.506	1322.006	133.2668	257.9056	133.8354	134.6759	0	100	0	0	0	-9999	11
1965.145	1966.51	1322.01	135.467	246.3549	135.6771	136.0727	0	100	0	0	0	-9999	11
1965.15	1966.515	1322.015	134.6635	250.9079	135.4052	136.8514	0	100	0	0	0	-9999	11
1965.155	1966.52	1322.02	135.4299	219.8156	136.2704	138.3965	0	100	0	0	0	-9999	11
1965.16	1966.524	1322.024	133.7736	219.7851	134.6883	137.6425	0	100	0	0	0	-9999	11
1965.165	1966.529	1322.029	134.3792	219.6323	135.4423	134.3669	0	100	0	0	0	-9999	11
1965.17	1966.534	1322.034	134.441	241.4351	135.7266	136.5053	0	100	0	0	0	-9999	11
1965.175	1966.538	1322.038	125.6896	255.3082	127.2718	127.0246	0	100	0	0	0	-9999	11
1965.18	1966.543	1322.043	117.1731	282.5503	118.1249	122.0803	0	69.47422	30.52578	30.52578	0	-9999	11
1965.185	1966.548	1322.048	115.4179	248.9064	115.5662	115.8752	0	50.13413	49.86587	49.86587	0	-9999	11
1965.19	1966.553	1322.053	114.1571	226.8744	114.7628	114.0087	0	52.56561	47.43439	47.43439	0	-9999	11
1965.195	1966.557	1322.057	110.8691	225.6827	111.4377	112.5625	0	45.17729	54.82271	54.82271	0	-9999	11
1965.2	1966.562	1322.062	107.8284	228.4023	107.7913	107.3587	0	33.82466	66.17534	66.17534	0	-9999	11
1965.205	1966.567	1322.067	107.8655	234.468	108.6071	111.3883	0	42.28409	57.71591	57.71591	0	-9999	11
1965.21	1966.571	1322.071	108.0509	243.9714	108.5329	112.9952	0	40.51965	59.48035	59.48035	0	-9999	11
1965.215	1966.576	1322.076	106.444	233.6582	106.8148	110.9062	0	36.2806	63.7194	63.7194	0	-9999	11
1965.22	1966.581	1322.081	107.3463	214.0403	107.7789	107.2722	0	36.89228	63.10772	63.10772	0	-9999	11
1965.225	1966.586	1322.086	108.1003	149.9611	108.6813	112.9952	0	35.29048	64.70952	64.70952	0	-9999	11
1965.23	1966.59	1322.09	109.5836	85.83612	109.7319	109.7567	17.26119	28.66894	54.06987	35.15967	18.9102	27.7198	11
1965.235	1966.595	1322.095	109.2375	111.9323	109.3858	109.5712	11.26434	29.90073	58.83493	43.60423	15.2307	28.0336	11
1965.24	1966.6	1322.1	108.9285	172.1	109.1757	108.706	0	34.55994	65.44006	65.44006	0	-9999	11
1965.245	1966.604	1322.104	107.4205	177.5087	107.4081	109.7567	0	30.09997	69.90003	69.90003	0	-9999	11
1965.25	1966.609	1322.109	107.4946	211.229	107.8778	108.7802	0	36.42912	63.57088	63.57088	0	-9999	11
1965.255	1966.614	1322.114	105.109	212.329	105.0225	104.491	0	28.94905	71.05095	71.05095	0	-9999	11
1965.26	1966.618	1322.118	105.5169	198.1351	105.9248	105.9866	0	32.93088	67.06912	67.06912	0	-9999	11
1965.265	1966.623	1322.123	105.2821	214.1319	105.8877	107.3216	0	35.48849	64.51151	64.51151	0	-9999	11
1965.27	1966.628	1322.128	102.7852	224.8423	103.8359	104.8247	0	36.43545	63.56455	63.56455	0	-9999	11
1965.275	1966.633	1322.133	103.6257	188.7692	103.8853	105.4304	0	28.58068	71.41932	71.41932	0	-9999	11
1965.28	1966.637	1322.137	103.9966	181.2673	103.9595	104.7011	0.743868	26.03875	73.21738	73.21738	0	-9999	11
1965.285	1966.642	1322.142	102.402	164.1856	102.5256	105.863	5.099258	24.45194	70.44881	68.29396	2.154847	-9999	11
1965.29	1966.647	1322.147	101.3019	182.5966	101.3884	104.2685	1.943301	24.27996	73.77673	73.77673	0	-9999	11
1965.295	1966.651	1322.151	99.6085	216.9585	99.36128	100.9064	0	22.75886	77.24114	77.24114	0	-9999	11
1965.3	1966.656	1322.156	98.55783	204.2007	98.53311	99.80627	0.101806	22.4737	77.42449	77.42449	0	-9999	11
1965.305	1966.661	1322.161	98.05104	195.3238	97.56898	99.18823	6.260718	18.66617	75.07311	75.07311	0	-9999	11
1965.31	1966.666	1322.166	95.62834	208.219	95.67778	99.68266	1.249734	20.87714	77.87313	77.87313	0	-9999	11
1965.315	1966.67	1322.17	97.16107	210.0831	97.29704	99.27476	0	22.69735	77.30265	77.30265	0	-9999	11
1965.32	1966.675	1322.175	93.93492	229.3649	93.87312	93.44049	0	20.5417	79.4583	79.4583	0	-9999	11
1965.325	1966.68	1322.18	95.40585	187.0427	95.07211	93.48993	9.548775	17.22384	73.22739	59.69108	13.53631	29.20048	11
1965.33	1966.684	1322.184	92.89662	215.1862	91.01779	87.89052	17.021	10.65448	72.32452	52.85654	19.46798	28.56633	11
1965.335	1966.689	1322.189	93.40341	223.0395	92.13025	83.67551	9.960269	14.03261	76.00712	60.04202	15.96511	30.13537	11
1965.34	1966.694	1322.194	93.04495	297.554	90.84474	81.68544	0	14.8487	85.1513	85.1513	0	-9999	11
1965.345	1966.698	1322.198	93.37869	215.2473	93.52702	96.9015	0.852217	20.26081	78.88698	78.88698	0	-9999	11
1965.35	1966.703	1322.203	90.74585	147.4401	90.84474	89.73227	20.06694	13.77673	66.15633	49.05263	17.1037	28.48363	11
1965.355	1966.708	1322.208	94.68893	176.867	94.76309	96.34526	9.509596	18.21029	72.28012	60.70312	11.577	28.63755	11
1965.36	1966.713	1322.213	93.30452	213.0319	93.11911	95.91264	4.043063	18.43525	77.52169	75.91212	1.609572	-9999	11
1965.365	1966.717	1322.217	93.36633	235.0944	94.24394	101.1783	0	25.25044	74.74956	74.74956	0	-9999	11
1965.37	1966.722	1322.222	93.71243	235.9347	94.47879	94.81253	0	25.03395	74.96605	74.96605	0	-9999	11
1965.375	1966.727	1322.227	89.75699	251.8399	90.54808	94.30574	0	23.1425	76.8575	76.8575	0	-9999	11
1965.38	1966.731	1322.231	90.54808	242.963	91.79651	94.51588	0	25.15774	74.84226	74.84226	0	-9999	11
1965.385	1966.736	1322.236	90.95598	239.7086	91.5493	94.08325	0	22.3101	77.6899	77.6899	0	-9999	11
1965.39	1966.741	1322.241	93.08203	243.4366	93.51466	97.43301	0	23.35183	76.64817	76.64817	0	-9999	11
1965.395	1966.746	1322.246	91.98193	217.2335	91.88304	92.09317	3.572482	18.33936	78.08816	78.08816	0	-9999	11
1965.4	1966.75	1322.25	92.25386	219.1434	92.34039	94.23158	1.423183	19.48532	79.0915	79.0915	0	-9999	11
1965.405	1966.755	1322.255	90.82002	202.8104	91.49986	90.9189	2.096715	20.10825	77.79504	77.77176	0.023275	-9999	11
1965.41	1966.76	1322.26	90.64697	209.4566	90.93126	92.73593	3.712986	18.70341	77.5836	77.5836	0	-9999	11
1965.415	1966.764	1322.264	88.50856	197.8142	87.69275	90.77057	17.0236	12.47981	70.49659	43.7502	26.74639	27.27709	11
1965.42	1966.769	1322.269	87.40846	205.9731	87.33429	87.06235	10.31351	15.28189	74.4046	58.29072	16.11387	28.43084	11
1965.425	1966.774	1322.274	90.48628	168.0359	90.67169	90.94362	14.651	15.38338	69.96561	53.82055	16.14506	28.38281	11
1965.43	1966.778	1322.278	85.55435	188.0511	85.80156	84.96103	13.86573	14.30962	71.82466	51.27062	20.55404	28.2835	11
1965.435	1966.783	1322.283	86.38251	187.0274	86.70389	86.38251	12.77677	14.90646	72.31677	62.14308	10.17369	28.3488	11
1965.44	1966.788	1322.288	85.29477	182.4132	85.88809	86.51848	12.78662	14.95931	72.25407	49.81938	22.43469	28.20116	11
1965.445	1966.793	1322.293	85.02283	194.7279	84.86214	81.85849	15.90019	13.19117	70.90864	57.28631	13.62233	28.35777	11
1965.45	1966.797	1322.297	83.65079	219.2045	83.47774	79.79424	11.33493	14.27294	74.39214	49.30467	25.08747	28.57383	11
1965.455	1966.802	1322.302	84.24411	207.4246	84.4666	85.18352	10.57436	14.93004	74.4956	61.17359	13.32201	28.06959	11
1965.46	1966.807	1322.307	82.61249	157.8908	81.85849	79.7448	31.63047	8.134909	60.23462	24.15704	36.07757	27.88257	10
1965.465	1966.811	1322.311	81.40114	110.053	80.85727	80.18979	42.69314	5.130746	52.17611	32.2209	19.95521	28.78194	10
1965.47	1966.816	1322.316	77.26029	79.54127	76.50629	75.9377	55.51508	1.560285	42.92464	20.44073	22.48391	30.52115	10
1965.475	1966.821	1322.321	78.79303	77.23417	76.6917	74.45441	65.10501	0	34.89499	20.89718	13.99781	31.06027	10

1965.48	1966.826	1322.326	77.86597	70.46568	76.18491	73.36666	64.33882	0	35.66118	21.99009	13.67109	31.52671	10
1965.485	1966.83	1322.33	77.49515	77.61614	75.86353	73.87345	62.56639	0	37.43361	11.49608	25.93754	31.58436	10
1965.49	1966.835	1322.335	83.4283	114.1018	82.58777	81.56183	42.14742	5.159872	52.6927	24.78554	27.90716	28.86262	10
1965.495	1966.84	1322.34	89.5345	133.4448	89.70755	90.86946	23.99349	12.43854	63.56797	38.07371	25.49426	28.02725	10
1965.5	1966.844	1322.344	89.05243	152.6043	89.44798	90.74585	18.07605	14.34889	67.57505	40.52198	27.05307	28.05404	10
1965.505	1966.849	1322.349	88.65689	143.2232	88.91646	89.42325	21.76395	12.94575	65.2903	46.69372	18.59659	28.09349	10
1965.51	1966.854	1322.354	86.33307	154.7739	85.46782	83.45302	29.82398	8.676923	61.49909	27.82942	33.66967	28.14258	10
1965.515	1966.858	1322.358	85.60379	150.2514	84.88687	83.53955	30.43982	8.621435	60.93874	24.63373	36.30501	28.04076	10
1965.52	1966.863	1322.363	84.93631	154.0253	83.89801	81.71016	32.63132	7.676882	59.6918	40.82273	18.86907	28.1158	10
1965.525	1966.868	1322.368	87.01291	156.2101	86.97583	84.77562	22.43266	11.87082	65.69652	47.34487	18.35165	28.35596	10
1965.53	1966.873	1322.373	87.81636	126.7068	87.74219	87.2354	29.12067	10.12466	60.75466	42.56235	18.19231	28.30313	10
1965.535	1966.877	1322.377	86.43196	128.7083	86.77806	86.72861	26.6529	11.08226	62.26483	28.32863	33.9362	28.16034	10
1965.54	1966.882	1322.382	86.80278	143.2232	87.22304	88.47148	22.22438	12.52275	65.25287	38.23099	27.02188	27.88437	10
1965.545	1966.887	1322.387	85.88809	139.7702	85.71503	86.01169	28.49972	9.796068	61.70421	30.22138	31.48283	27.90553	10
1965.55	1966.891	1322.391	84.86214	111.5503	85.02283	84.61493	33.68631	8.539344	57.77434	32.33081	25.44353	28.43643	10
1965.555	1966.896	1322.396	83.15636	100.7176	83.4283	83.16872	37.01497	7.401569	55.58346	28.03631	27.54715	28.61851	10
1965.56	1966.901	1322.401	83.56427	132.6808	84.10814	84.70145	26.79711	10.56757	62.63533	27.51279	35.12253	27.89141	10
1965.565	1966.906	1322.406	84.42952	168.5859	84.50368	83.89801	20.95228	11.92426	67.12346	47.83733	19.28614	27.86544	10
1965.57	1966.91	1322.41	82.29111	186.2023	82.92151	83.60135	14.34563	13.83788	71.81649	50.10239	21.71409	27.86359	10
1965.575	1966.915	1322.415	82.22931	209.0288	82.63721	84.25647	10.6028	14.71035	74.68685	51.64816	23.03868	27.79521	10
1965.58	1966.92	1322.42	82.58777	196.0266	83.21817	82.14278	11.69524	14.63953	73.66523	57.86179	15.80344	28.36619	10
1965.585	1966.924	1322.424	81.78432	187.9594	82.46416	82.43944	14.00349	13.86454	72.13198	42.38048	29.7515	27.98765	10
1965.59	1966.929	1322.429	80.85727	194.8654	81.22809	82.21695	15.58002	13.08516	71.33483	50.40395	20.93088	27.46775	10
1965.595	1966.934	1322.434	80.3752	208.4024	81.17865	82.51361	9.394719	14.94765	75.65763	60.8171	14.84053	27.96879	10
1965.6	1966.939	1322.439	79.93021	194.4987	80.49881	80.10326	14.98891	13.20678	71.80431	49.07772	22.72659	27.7594	10
1965.605	1966.943	1322.443	80.88199	214.9111	81.40114	80.90671	9.556654	14.84527	75.59807	53.53809	22.05998	28.18747	10
1965.61	1966.948	1322.448	82.21695	222.7797	82.63721	81.50003	7.190665	15.66855	77.14078	69.47198	7.668801	-9999	10
1965.615	1966.953	1322.453	81.14156	217.6613	81.58655	79.55939	9.227076	14.93827	75.83466	53.08076	22.7539	28.48368	10
1965.62	1966.957	1322.457	82.4518	183.1313	82.83498	83.45302	16.8569	12.98705	70.15605	49.40455	20.7515	27.66404	10
1965.625	1966.962	1322.462	85.30713	169.2276	85.3813	86.50612	19.98958	12.35087	67.65955	38.10459	29.55495	27.63535	10
1965.63	1966.967	1322.467	84.10814	172.207	84.60257	86.69153	17.11459	13.34438	69.54103	44.58416	24.95687	27.59663	10
1965.635	1966.971	1322.471	84.94867	194.0404	84.80034	88.03885	16.03901	13.15435	70.80665	45.21727	25.58937	27.19683	10
1965.64	1966.976	1322.476	83.7126	198.2878	83.74968	83.09456	14.71136	13.51608	71.77256	47.82038	23.95218	27.93262	10
1965.645	1966.981	1322.481	83.50246	185.1481	83.30469	83.67551	19.90462	11.84576	68.24962	36.13691	32.11271	27.46061	10
1965.65	1966.986	1322.486	82.94623	213.8416	82.94623	83.97217	11.93979	14.15248	73.90773	49.60491	24.30282	27.67466	10
1965.655	1966.99	1322.49	82.21695	207.8676	82.29111	81.63599	13.48167	13.6809	72.83743	47.72492	25.11251	27.85413	10
1965.66	1966.995	1322.495	81.72252	203.6507	81.89557	80.6595	14.19067	13.48124	72.32809	47.74246	24.58563	27.92432	10
1965.665	1967	1322.5	82.48888	230.6941	82.51361	77.64348	8.090659	15.18574	76.7236	69.95257	6.771031	29.02482	10
1965.67	1967.004	1322.504	81.78432	231.0455	82.1057	82.08098	6.354719	15.76579	77.87949	64.34809	13.5314	-9999	10
1965.675	1967.009	1322.509	80.32576	203.284	79.94257	79.55939	19.87524	11.52527	68.59949	40.10446	28.49503	27.12231	10
1965.68	1967.014	1322.514	79.42342	215.1556	79.55939	79.7448	13.80904	13.32688	72.86408	57.27242	15.59166	27.39787	10
1965.685	1967.019	1322.519	84.30591	241.8935	84.83742	83.67551	0	18.26307	81.73693	81.73693	0	-9999	10
1965.69	1967.023	1322.523	87.804	220.8546	89.1884	92.46399	0	22.05458	77.94542	77.94542	0	-9999	10
1965.695	1967.028	1322.528	95.02267	148.2804	95.76431	97.17343	10.94754	20.13927	68.91319	57.62698	11.28622	28.62685	10
1965.7	1967.033	1322.533	96.2711	128.5556	97.18579	96.13513	13.23127	20.99533	65.77341	42.52757	23.24584	28.9282	10
1965.705	1967.037	1322.537	95.2946	168.0664	95.59126	94.47879	9.357791	19.26414	71.37807	56.91101	14.46706	29.18158	10
1965.71	1967.042	1322.542	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1966.02	1967.334	1322.834	112.6738	94.86587	113.3413	108.879	8.209607	41.2395	50.5509	44.34093	6.209967	27.86544	-9999
1966.025	1967.339	1322.839	115.1954	82.39839	115.1336	115.3437	14.55882	35.37079	50.07039	27.97536	22.09503	26.8916	-9999
1966.03	1967.343	1322.843	114.5773	66.34041	114.9358	116.9259	15.75639	39.11471	45.1289	22.12322	23.00568	26.0708	-9999
1966.035	1967.348	1322.848	118.8542	68.52527	118.8542	119.4227	14.07106	43.1032	42.82574	22.44577	20.37998	25.66461	-9999
1966.04	1967.353	1322.853	121.4994	80.36632	121.66	122.7354	7.526603	53.69476	38.77864	35.63971	3.138928	-9999	-9999
1966.045	1967.357	1322.857	117.581	117.4021	117.7046	119.8801	2.456227	45.57033	51.97345	51.97345	0	-9999	-9999
1966.05	1967.362	1322.862	113.1559	106.111	112.921	112.5996	12.03786	31.04688	56.91526	43.01367	13.9016	27.79648	-9999
1966.055	1967.367	1322.867	114.3054	64.65975	114.0087	112.5378	21.49046	29.28573	49.2238	33.6175	15.6063	27.5702	-9999
1966.06	1967.371	1322.871	111.3759	70.11427	110.4489	108.8543	27.75118	17.81208	54.43674	24.96623	29.47051	28.85341	-9999
1966.065	1967.376	1322.876	112.167	45.59184	112.1052	112.4019	26.25211	27.57373	46.17416	31.426	14.74816	27.455	-9999
1966.07	1967.381	1322.881	112.8345	90.29752	113.2918	111.9569	10.79584	38.4797	50.72446	43.10152	7.622942	27.29618	-9999
1966.075	1967.386	1322.886	109.8061	125.6373	110.7455	103.156	1.293689	40.74332	57.96299	57.96299	0	-9999	-9999
1966.08	1967.39	1322.89	109.3611	103.3761	107.9644	100.5479	25.19566	13.21586	61.58848	35.47698	26.1115	30.32312	-9999
1966.085	1967.395	1322.895	108.5206	69.442	107.1362	103.8853	34.08521	10.4596	55.45519	30.22418	25.231	30.06403	6
1966.09	1967.4	1322.9	109.7443	111.8559	109.5094	110.041	13.78625	26.43446	59.77929	48.0643	11.715	28.06411	6
1966.095	1967.404	1322.904	105.0843	94.02554	104.8	106.2462	22.77156	19.21443	58.01401	41.70514	16.30887	28.15194	6
1966.1	1967.409	1322.909	105.1337	58.7927	104.7876	103.7864	31.7314	16.35215	51.91645	32.21479	19.70166	28.995	6
1966.105	1967.414	1322.914	106.9631	69.13642	106.6788	106.5552	27.0662	19.58979	53.344	27.43451	25.90949	28.42296	6
1966.11	1967.419	1322.919	107.7048	92.00874	108.0632	108.5824	15.86742	28.44824	55.68434	46.19813	9.486209	27.78371	6
1966.115	1967.423	1322.923	110.3253	86.52366	110.2758	110.1398	17.94523	27.61849	54.43628	30.46399	23.9723	27.78695	6
1966.12	1967.428	1322.928	110.1151	89.65581	109.8308	109.2746	19.20069	24.88775	55.91156	28.52087	27.39069	28.08204	6
1966.125	1967.433	1322.933	110.7579	75.96603	111.0051	110.5972	17.80306	31.03474	51.1622	35.06535	16.09685	27.48208	6
1966.13	1967.437	1322.937	106.3451	106.2027	106.4934	100.3254	15.31191	25.42801	59.26009	31.14307	28.11702	29.34663	6
1966.135	1967.442	1322.942	106.2833	71.91716	106.135	104.7876	25.96497	20.26587	53.76916	36.16852	17.60064	28.5843	6
1966.14	1967.447	1322.947	109.1757	61.16091	109.2375	109.0768	24.27844	25.44257	50.279	33.51775	16.76125	27.85541	10
1966.145	1967.452	1322.952	107.4328	130.8932	106.1844	99.99168	19.16099	15.13612	65.70289	41.77893	23.92396	29.9892	10

1966.15	1967.456	1322.956	111.4254	83.39151	110.8815	109.0274	21.52294	23.21525	55.26182	29.38013	25.88169	28.3849	10
1966.155	1967.461	1322.961	110.35	79.51071	110.2264	111.3512	20.19439	26.33793	53.46768	37.82045	15.64723	27.58392	10
1966.16	1967.466	1322.966	108.2981	93.32271	107.0744	104.8	27.26543	13.4721	59.26247	34.93275	24.32971	29.34501	10
1966.165	1967.47	1322.97	105.5664	99.4495	104.3427	101.4873	28.29593	11.94856	59.7555	30.00738	29.74813	29.51169	10
1966.17	1967.475	1322.975	103.1189	80.94691	102.1919	98.43423	32.72609	11.41345	55.86045	35.59651	20.26395	29.82945	10
1966.175	1967.48	1322.98	99.49725	52.32978	98.96574	94.16978	39.91794	9.704832	50.37723	35.1389	15.23833	30.6326	10
1966.18	1967.484	1322.984	99.74446	65.07227	98.81741	97.58134	39.67228	8.176139	52.15158	22.79979	29.35179	29.98522	10
1966.185	1967.489	1322.989	99.6085	83.08594	98.49603	96.08569	36.875	8.135221	54.98978	20.9023	34.08749	29.88353	10
1966.19	1967.494	1322.994	97.64314	52.92565	96.91386	93.51466	43.01225	7.329906	49.65785	32.88141	16.77644	30.7469	10
1966.195	1967.499	1322.999	96.75317	46.14188	96.86441	96.69136	38.95859	11.15382	49.88759	23.88584	26.00175	29.59437	10
1966.2	1967.503	1323.003	100.0658	61.19147	99.3242	97.03746	38.87883	9.320509	51.80066	24.47207	27.32859	30.07453	10
1966.205	1967.508	1323.008	100.758	67.59327	100.3996	99.34892	33.7231	12.85476	53.42213	36.0269	17.39523	29.27177	10
1966.21	1967.513	1323.013	101.4008	64.24722	101.0671	100.5108	33.74992	13.33853	52.91155	29.72871	23.18284	29.17482	10
1966.215	1967.517	1323.017	103.8235	67.30297	103.6752	103.3167	29.3446	17.24508	53.41032	28.91563	24.49469	28.70609	10
1966.22	1967.522	1323.022	103.428	72.23801	103.0201	102.6245	30.52593	15.10288	54.37118	36.02119	18.35	28.89037	10
1966.225	1967.527	1323.027	104.7258	63.83469	104.6764	104.7382	28.58741	18.81534	52.59725	20.62904	31.9682	28.49557	10
1966.23	1967.532	1323.032	102.9335	46.11132	102.7481	101.9323	35.57914	14.62353	49.79732	23.18532	26.612	29.31762	10
1966.235	1967.536	1323.036	102.5133	67.60855	102.4391	104.1572	29.9013	16.52263	53.57607	27.09484	26.48123	28.38553	10
1966.24	1967.541	1323.041	102.6616	92.45182	102.229	103.8111	26.53084	15.59373	57.87543	25.28154	32.5939	28.35088	10
1966.245	1967.546	1323.046	104.7382	99.17448	104.4168	105.8507	22.13132	18.88865	58.98004	29.6939	29.28614	28.18212	10
1966.25	1967.55	1323.05	102.7852	118.2271	102.0683	101.339	22.3828	15.27813	62.33907	34.09347	28.24561	28.76609	10
1966.255	1967.555	1323.055	102.1548	111.153	102.0312	100.8322	20.0765	18.73406	61.18944	43.22322	17.96622	28.70201	10
1966.26	1967.56	1323.06	96.679	190.1443	97.63078	101.2154	0	25.79539	74.20461	74.20461	0	-9999	10
1966.265	1967.564	1323.064	92.20442	134.499	91.99429	91.27736	24.2517	12.37614	63.37216	36.05683	27.31533	28.43799	10
1966.27	1967.569	1323.069	95.36877	127.6847	95.52946	96.76553	20.1157	15.85428	64.03001	40.26932	23.7607	28.2485	10
1966.275	1967.574	1323.074	101.1536	165.0413	99.02754	96.44415	23.47557	7.766208	68.75822	51.18023	17.57799	29.29206	5
1966.28	1967.579	1323.079	103.6257	280.3959	98.26118	93.66299	18.38382	0	81.61618	56.13748	25.4787	22.32313	5
1966.285	1967.583	1323.083	85.64087	59.96916	85.94989	84.61493	44.30297	5.914004	49.78303	35.10914	14.67389	30.02624	5
1966.29	1967.588	1323.088	84.80034	144.1246	82.83498	80.56061	42.33704	4.232747	53.43021	32.37553	21.05468	28.71547	5
1966.295	1967.593	1323.093	111.3388	114.2699	110.4612	110.3747	16.71645	21.3211	61.96244	42.5061	19.45635	28.45957	5
1966.3	1967.597	1323.097	120.2756	129.0598	119.9913	119.3239	0.317252	45.31314	54.36961	54.36961	0	-9999	5
1966.305	1967.602	1323.102	85.75212	86.92091	84.88687	85.66559	46.77889	3.91849	49.30262	27.6458	21.65682	29.52929	5
1966.31	1967.607	1323.107	90.01657	90.72532	89.17604	88.29843	41.74333	5.711408	52.54526	32.75581	19.78945	29.51323	5
1966.315	1967.612	1323.112	93.6259	113.0629	92.05609	91.16612	38.669	5.318678	56.01232	24.5993	31.41302	29.27722	5
1966.32	1967.616	1323.116	91.64819	151.9626	88.97827	86.95111	39.60058	2.968949	57.43047	23.22308	34.20739	29.02471	5
1966.325	1967.621	1323.121	81.07976	34.45362	81.63599	82.64957	52.75804	2.848017	44.39394	28.0568	16.33715	30.86336	5
1966.33	1967.626	1323.126	85.80156	53.17011	85.82628	85.05992	48.00381	4.57444	47.42175	32.61283	14.80893	30.4416	5
1966.335	1967.63	1323.13	81.31461	102.5816	81.68544	84.33063	37.49193	7.03947	55.4686	20.61309	34.85551	27.99065	5
1966.34	1967.635	1323.135	80.6595	114.2241	81.52475	85.22061	31.44534	8.884649	59.67001	23.79632	35.87369	27.45484	5
1966.345	1967.64	1323.14	82.48888	95.24784	81.7596	80.0909	46.71219	3.940372	49.34743	29.10982	20.23762	29.63922	5
1966.35	1967.644	1323.144	80.98087	99.26615	80.36284	78.84247	46.26497	4.094451	49.64058	16.85825	32.78233	29.4039	10
1966.355	1967.649	1323.149	83.11928	194.7737	82.41472	82.24167	21.85537	10.90471	67.23992	45.4133	21.82662	27.24222	10
1966.36	1967.654	1323.154	91.90776	230.1441	90.84474	88.52092	7.98842	14.91035	77.10123	67.28163	9.819602	-9999	10
1966.365	1967.659	1323.159	100.721	275.6595	99.63322	101.3019	0	21.90132	78.09868	78.09868	0	-9999	10
1966.37	1967.663	1323.163	102.6863	309.502	102.6492	106.1102	0	33.312	66.688	66.688	0	-9999	10
1966.375	1967.668	1323.168	106.8148	238.4099	107.0002	110.1769	0	35.33414	64.66586	64.66586	0	-9999	10
1966.38	1967.673	1323.173	108.4217	239.0516	108.6813	111.413	0	38.43487	61.56513	61.56513	0	-9999	10
1966.385	1967.677	1323.177	106.7777	230.2969	106.7159	108.6566	0	32.36533	67.63467	67.63467	0	-9999	10
1966.39	1967.682	1323.182	107.3834	217.478	107.2474	106.889	0	31.53599	68.46401	68.46401	0	-9999	10
1966.395	1967.687	1323.187	107.334	226.4925	107.9025	106.9508	0	39.0844	60.9156	60.9156	0	-9999	10
1966.4	1967.692	1323.192	108.6442	216.1487	109.015	109.7937	0	38.41398	61.58602	61.58602	0	-9999	10
1966.405	1967.696	1323.196	109.4353	152.3293	109.905	111.3265	0	36.4928	63.5072	63.5072	0	-9999	10
1966.41	1967.701	1323.201	110.0039	162.9786	110.2264	110.5848	0	35.37259	64.62741	64.62741	0	-9999	10
1966.415	1967.706	1323.206	111.0175	219.9073	111.3636	114.6639	0	42.37976	57.62024	57.62024	0	-9999	10
1966.42	1967.71	1323.21	111.0669	219.6934	111.4501	112.0558	0	42.90067	57.09933	57.09933	0	-9999	10
1966.425	1967.715	1323.215	111.3388	208.8455	111.5119	111.277	0	40.10342	59.89658	59.89658	0	-9999	10
1966.43	1967.72	1323.22	109.5094	223.6506	109.7937	108.3228	0	39.36345	60.63655	60.63655	0	-9999	10
1966.435	1967.724	1323.224	107.1238	226.5536	107.6059	104.4415	0	37.89217	62.10783	62.10783	0	-9999	10
1966.44	1967.729	1323.229	104.8865	225.5757	104.5899	103.9966	0	27.78278	72.21722	72.21722	0	-9999	10
1966.445	1967.734	1323.234	103.5392	210.7706	103.1189	101.8581	0	24.45706	75.54294	75.54294	0	-9999	10
1966.45	1967.739	1323.239	102.8594	222.7339	103.156	102.1424	0	30.27263	69.72737	69.72737	0	-9999	10
1966.455	1967.743	1323.243	100.8075	200.7783	100.9435	101.1907	0	25.37262	74.62738	74.62738	0	-9999	10
1966.46	1967.748	1323.248	101.6233	194.7432	101.5986	103.8111	0	24.59993	75.40007	75.40007	0	-9999	10
1966.465	1967.753	1323.253	100.758	182.3521	100.8693	102.5133	2.311231	23.90391	73.78485	73.78485	0	-9999	10
1966.47	1967.757	1323.257	99.12643	180.1367	99.47253	101.1165	2.528332	23.76836	73.70331	73.70331	0	-9999	10
1966.475	1967.762	1323.262	100.004	144.8274	99.90515	100.1771	13.71441	19.21382	67.07178	56.52566	10.54612	28.65744	10
1966.48	1967.767	1323.267	98.33534	161.6799	98.47131	99.08935	9.351193	20.42893	70.21987	53.34847	16.87141	28.87321	10
1966.485	1967.772	1323.272	95.97444	166.233	95.93736	95.55418	11.76252	17.8197	70.41778	59.50044	10.91734	28.85316	10
1966.49	1967.776	1323.276	90.52336	162.23	89.17604	91.40097	27.90059	8.69758	63.40183	39.7887	23.61314	27.53858	10
1966.495	1967.781	1323.281	81.64835	138.8687	79.7448	76.23435	46.02982	3.665505	50.30468	21.97497	28.32971	29.07662	10
1966.5	1967.786	1323.286	76.37032	102.7497	74.65218	72.82279	58.18947	1.049859	40.76067	27.23028	13.53039	30.61815	9
1966.505	1967.79	1323.29	72.92168	52.97149	72.316	72.30364	64.78694	0	35.21306	5.988279	29.22478	31.2345	9
1966.51	1967.795	1323.295	71.79685	47.31834	71.54964	70.91924	64.41177	0	35.58823	19.80158	15.78665	31.33251	9

1966.515	1967.8	1323.3	71.17881	38.91502	70.96868	70.56078	66.72658	0	33.27342	24.23666	9.036761	31.05475	9
1966.52	1967.804	1323.304	71.50019	22.84176	71.38895	70.91924	69.55428	0	30.44572	21.14348	9.302244	30.9019	9
1966.525	1967.809	1323.309	73.03292	32.77296	73.2307	74.6769	63.34592	0	36.65408	21.99388	14.6602	31.21905	9
1966.53	1967.814	1323.314	76.0613	53.65903	75.69048	74.12067	59.91198	0.33612	39.7519	26.73417	13.01773	31.87797	9
1966.535	1967.819	1323.319	81.48766	82.84148	80.30103	79.79424	54.18009	1.656918	44.16299	21.91633	22.24666	30.52605	9
1966.54	1967.823	1323.323	89.90532	161.4355	87.74219	81.31461	34.98396	5.395907	59.62013	34.22281	25.39732	29.2565	9
1966.545	1967.828	1323.328	89.97949	138.4562	88.91646	85.86336	31.9509	8.043511	60.00559	35.81596	24.18963	28.7895	9
1966.55	1967.833	1323.333	85.62851	188.6928	84.73854	77.29738	22.45541	10.67224	66.87235	47.09656	19.77579	28.79765	9
1966.555	1967.837	1323.337	84.1205	154.9725	81.05504	76.93892	48.86311	1.893608	49.24328	33.5616	15.68169	29.43657	9
1966.56	1967.842	1323.342	80.14035	71.8866	79.13913	79.00316	56.63377	1.095651	42.27058	14.91059	27.35999	30.95203	9
1966.565	1967.847	1323.347	86.18474	104.7512	85.01047	84.47896	44.46083	4.251744	51.28743	35.6438	15.64363	29.2914	9
1966.57	1967.852	1323.352	92.83482	136.3936	92.71121	92.94606	22.54268	13.27431	64.18301	39.594	24.58901	28.29112	9
1966.575	1967.856	1323.356	92.56288	112.8337	92.66177	92.62468	26.77003	12.56538	60.66459	41.05773	19.60685	28.47052	9
1966.58	1967.861	1323.361	88.42204	145.3164	88.76814	93.05731	20.80289	13.2908	65.90631	39.75383	26.15248	27.40036	9
1966.585	1967.866	1323.366	87.14888	107.8834	86.90167	87.97705	35.63117	7.924849	56.44398	38.86753	17.57645	28.36867	9
1966.59	1967.87	1323.37	84.36772	81.11498	84.28119	85.22061	43.42245	5.492782	51.08477	27.05824	24.02653	29.16575	9
1966.595	1967.875	1323.375	88.558	108.8765	88.34787	87.4579	33.80705	8.763719	57.42923	30.63344	26.79579	28.70378	9
1966.6	1967.88	1323.38	84.88687	125.6373	83.92273	80.16507	38.97192	5.973374	55.05471	29.42191	25.6328	29.05746	9
1966.605	1967.885	1323.385	77.09961	112.7267	75.41855	73.41611	54.8167	1.875662	43.30764	24.9596	18.34804	29.97716	9
1966.61	1967.889	1323.389	75.87589	104.354	76.04894	75.023	43.59938	4.818098	51.58253	20.52934	31.05319	28.70448	9
1966.615	1967.894	1323.394	72.30364	76.1341	71.82157	70.88216	58.79223	0.859976	40.3478	28.23666	12.11113	30.84289	9
1966.62	1967.899	1323.399	72.40253	62.97908	71.51255	69.67081	65.04603	0	34.95397	25.25883	9.695143	31.51972	9
1966.625	1967.903	1323.403	70.62258	59.93861	69.00333	66.54354	73.07131	0	26.92869	13.43376	13.49492	31.29074	9
1966.63	1967.908	1323.408	69.97982	39.77063	69.21346	67.82906	71.9334	0	28.0666	14.07945	13.98715	30.96463	9
1966.635	1967.913	1323.413	70.11579	52.3145	69.01569	68.84264	71.35918	0	28.64082	16.07499	12.56583	30.83687	9
1966.64	1967.917	1323.417	71.38895	74.80485	69.79441	67.17394	68.57704	0	31.42296	9.158281	22.26468	31.47886	9
1966.645	1967.922	1323.422	75.83881	84.93467	75.39382	74.30608	53.12275	2.247173	44.63008	12.86527	31.76481	30.06708	9
1966.65	1967.927	1323.427	74.21955	105.4082	72.11823	68.18752	62.49448	0.359991	37.14552	19.49341	17.65211	31.53042	9
1966.655	1967.932	1323.432	78.11319	49.85462	78.10082	76.51865	56.16685	1.398312	42.43484	12.21076	30.22408	31.44046	9
1966.66	1967.936	1323.436	72.89696	76.47023	72.79807	66.71659	55.19537	1.658223	43.14641	14.57132	28.57509	31.27451	9
1966.665	1967.941	1323.441	71.41367	46.93637	70.63494	69.75733	68.97595	0	31.02405	13.47104	17.55301	31.03434	9
1966.67	1967.946	1323.446	67.80434	48.25035	67.8167	68.13807	65.84763	0	34.15237	10.25504	23.89733	30.74304	9
1966.675	1967.95	1323.45	68.36057	41.54297	67.8167	66.61771	71.26989	0	28.73011	14.10721	14.6229	30.88479	9
1966.68	1967.955	1323.455	69.49776	47.39474	68.86736	67.58184	69.47812	0	30.52188	22.76031	7.761577	31.02887	9
1966.685	1967.96	1323.46	73.89818	77.37168	73.30486	72.06879	57.88792	1.052282	41.05979	24.35793	16.70187	30.82748	9
1966.69	1967.965	1323.465	67.33463	99.40366	64.65235	62.72407	74.78412	0	25.21588	11.51099	13.7049	31.95948	9
1966.695	1967.969	1323.469	62.66227	32.26876	62.09368	61.78466	78.94827	0	21.05173	16.6882	4.363531	30.66734	9
1966.7	1967.974	1323.474	61.40148	23.63625	61.05538	60.47442	80.47295	0	19.52705	6.956046	12.57101	30.60391	9
1966.705	1967.979	1323.479	67.03797	60.84005	65.70301	63.28031	73.94771	0	26.05229	9.886844	16.16545	31.38012	9
1966.71	1967.983	1323.483	68.39765	78.73149	67.97739	69.85622	61.27819	0.459938	38.26187	11.97086	26.29101	30.42236	9
1966.715	1967.988	1323.488	69.07749	92.37543	68.26168	68.79319	60.41637	0.933004	38.65063	18.64745	20.00318	30.24043	9
1966.72	1967.993	1323.493	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1967.03	1968.285	1323.785	99.05226	84.75133	98.86685	99.71974	29.79903	13.7901	56.41087	32.47109	23.93978	28.60609	9
1967.035	1968.289	1323.789	117.89	199.3726	117.6799	117.7788	0	46.26482	53.73518	53.73518	0	-9999	9
1967.04	1968.294	1323.794	112.612	198.3031	111.8951	109.9173	0	30.38976	69.61024	69.61024	0	-9999	9
1967.045	1968.299	1323.799	109.015	207.2259	109.2622	104.3427	0	37.0651	62.9349	62.9349	0	-9999	9
1967.05	1968.303	1323.803	108.879	243.0241	105.7889	101.0176	4.968368	6.223638	88.80799	79.8481	8.959892	-9999	9
1967.055	1968.308	1323.808	111.0916	216.164	110.523	109.2869	0	31.46878	68.53122	68.53122	0	-9999	10
1967.06	1968.313	1323.813	116.9382	367.9433	114.6639	112.4389	0	24.90983	75.09017	75.09017	0	-9999	10
1967.065	1968.318	1323.818	118.2485	287.8061	116.3326	113.8851	0	25.52364	74.47636	74.47636	0	-9999	10
1967.07	1968.322	1323.822	117.4698	286.0796	117	107.1609	0	47.1049	52.8951	52.8951	0	-9999	10
1967.075	1968.327	1323.827	117.4945	186.5385	117.5068	116.6292	0	48.21636	51.78364	51.78364	0	-9999	10
1967.08	1968.332	1323.832	97.27232	53.6132	96.23402	95.04739	45.58191	5.403005	49.01509	27.91315	21.10194	30.70515	10
1967.085	1968.336	1323.836	93.93492	65.40841	92.94606	91.85832	45.41469	4.931876	49.65343	17.53191	32.12152	30.42059	10
1967.09	1968.341	1323.841	91.5493	20.38188	91.30209	90.9189	52.75814	4.145497	43.09636	17.99981	25.09655	31.68098	10
1967.095	1968.346	1323.846	91.10431	33.13965	90.36267	89.05243	53.91198	2.663488	43.42453	17.35374	26.0708	31.93341	10
1967.1	1968.35	1323.85	91.70999	52.65063	90.06601	88.42204	55.62618	0.413332	43.96049	29.66109	14.2994	32.18045	10
1967.105	1968.355	1323.855	94.03381	75.38544	92.67413	92.08081	45.78314	3.87986	50.337	25.70353	24.63346	30.32458	10
1967.11	1968.36	1323.86	98.0016	138.3187	95.04739	90.53572	39.26057	0.79136	59.94807	32.51116	27.43691	30.3297	10
1967.115	1968.365	1323.865	97.09927	143.1315	94.10797	90.06601	39.2134	0.951948	59.83465	24.49793	35.33672	30.09578	10
1967.12	1968.369	1323.869	93.32925	109.7779	91.62346	88.39731	40.79063	4.401842	54.80752	36.32691	18.48061	29.90467	10
1967.125	1968.374	1323.874	93.06967	147.9901	91.35153	89.42325	31.87789	6.862137	61.25998	34.10559	27.15439	28.71334	10
1967.13	1968.379	1323.879	91.78415	158.2575	90.26378	85.77684	29.04314	8.075751	62.88111	35.48152	27.39959	28.91607	10
1967.135	1968.383	1323.883	94.3181	161.4355	92.62468	90.1649	27.28397	8.199955	64.51608	33.3153	31.20078	28.69622	10
1967.14	1968.388	1323.888	100.9682	177.6004	100.276	99.86807	9.494538	18.1279	72.37756	49.51354	22.86402	29.15253	10
1967.145	1968.393	1323.893	104.9731	180.0756	104.9113	103.1066	0.325483	26.83385	72.84067	72.84067	0	-9999	10
1967.15	1968.398	1323.898	110.3994	184.2008	111.0051	112.4142	0	41.93407	58.06593	58.06593	0	-9999	10
1967.155	1968.402	1323.902	116.3202	205.0716	116.5921	116.5551	0	51.00713	48.99287	48.99287	0	-9999	10
1967.16	1968.407	1323.907	119.2991	200.6561	119.9295	118.0878	0	64.51856	35.48144	35.48144	0	-9999	10
1967.165	1968.412	1323.912	116.5551	193.4139	116.8764	114.0087	0	51.53593	48.46407	48.46407	0	-9999	10
1967.17	1968.416	1323.916	117.2473	237.7223	116.9012	112.921	0	45.39909	54.60091	54.60091	0	-9999	10
1967.175	1968.421	1323.921	113.4896	246.0187	112.8468	110.8815	0	35.69081	64.30919	64.30919	0	-9999	10
1967.18	1968.426	1323.926	104.4292	222.0922	104.2809	108.3352	0	28.32988	71.67012	71.67012	0	-9999	10

1967.185	1968.43	1323.93	104.4786	175.8739	104.491	103.5145	1.222386	26.6277	72.14991	72.14991	0	-9999	10
1967.19	1968.435	1323.935	108.2239	191.1679	108.1374	109.8679	0	31.33225	68.66775	68.66775	0	-9999	10
1967.195	1968.44	1323.94	114.0829	158.7158	114.7998	115.5415	0	49.38136	50.61864	50.61864	0	-9999	10
1967.2	1968.445	1323.945	111.2647	161.4202	111.7838	112.031	0	40.9896	59.0104	59.0104	0	-9999	10
1967.205	1968.449	1323.949	110.2511	219.3267	110.2758	110.9556	0	37.31545	62.68455	62.68455	0	-9999	10
1967.21	1968.454	1323.954	108.2857	205.8661	107.9891	109.6454	0	30.26061	69.73939	69.73939	0	-9999	10
1967.215	1968.459	1323.959	103.3538	224.3534	102.9212	103.6752	0	25.1082	74.8918	74.8918	0	-9999	10
1967.22	1968.463	1323.963	95.04739	173.8418	93.218	87.58151	24.66444	8.572215	66.76334	48.34701	18.41633	29.25151	10
1967.225	1968.468	1323.968	87.18596	123.9414	85.54198	82.48888	42.53593	4.241705	53.22237	20.6683	32.55407	29.37407	10
1967.23	1968.473	1323.973	81.50003	108.4793	79.80661	77.23557	51.892	2.116087	45.99191	30.02674	15.96517	30.11013	10
1967.235	1968.478	1323.978	81.4753	109.9155	80.10326	79.21329	49.0765	3.012672	47.91083	32.61348	15.29735	29.42023	10
1967.24	1968.482	1323.982	80.58533	126.3401	80.0909	79.86841	39.11901	6.126533	54.75446	26.54448	28.20997	28.12908	10
1967.245	1968.487	1323.987	83.04512	211.9318	81.6978	82.01918	22.75273	10.25959	66.98769	44.02481	22.96288	26.79464	10
1967.25	1968.492	1323.992	84.93631	170.8625	83.18108	80.73366	34.11287	6.668793	59.21834	41.33183	17.88651	27.91285	10
1967.255	1968.496	1323.996	81.33934	110.6947	80.20215	78.91663	47.1929	3.631982	49.17512	26.49071	22.6844	29.26336	10
1967.26	1968.501	1324.001	77.21085	73.12418	77.17377	75.023	51.55735	2.64904	45.79361	26.05017	19.74344	30.37919	10
1967.265	1968.506	1324.006	79.20093	134.6059	78.57053	76.93892	39.44609	5.99173	54.56218	38.0524	16.50978	28.1658	10
1967.27	1968.51	1324.01	78.49637	163.2231	77.74236	74.34316	34.12689	7.476014	58.39709	37.96552	20.43157	27.75354	10
1967.275	1968.515	1324.015	74.78815	103.6664	74.65218	74.65218	47.16138	3.868712	48.96991	32.60395	16.36596	28.74297	10
1967.28	1968.52	1324.02	73.14417	92.72684	72.316	70.63494	56.68578	1.543896	41.77033	12.26075	29.50958	30.32631	10
1967.285	1968.525	1324.025	72.08115	94.4839	70.6473	69.62136	61.93254	0.527008	37.54045	10.32835	27.21211	30.96088	10
1967.29	1968.529	1324.029	71.01813	91.88651	69.27526	67.33463	65.93398	0	34.06602	18.81069	15.25534	31.58981	6
1967.295	1968.534	1324.034	69.78205	94.33111	68.94152	65.93786	59.48649	1.126078	39.38743	24.04084	15.34659	30.73677	6
1967.3	1968.539	1324.039	69.18874	102.7497	67.13686	66.22216	67.38301	0	32.61699	23.38958	9.22741	31.5515	6
1967.305	1968.543	1324.043	66.88964	75.15626	65.15914	64.78832	73.68511	0	26.31489	11.47003	14.84486	31.21924	6
1967.31	1968.548	1324.048	66.38285	70.52679	64.70179	63.41628	74.8885	0	25.1115	6.719237	18.39226	31.37778	6
1967.315	1968.553	1324.053	65.1715	107.7306	62.35325	57.90339	75.81283	0	24.18717	23.63155	0.55562	32.84274	6
1967.32	1968.558	1324.058	65.8637	129.5181	62.62519	58.33602	73.16048	0.332167	26.50736	21.32276	5.184598	32.58833	6
1967.325	1968.562	1324.062	68.78083	330.2658	63.31739	59.65861	39.13898	11.25709	49.60393	17.93081	31.67312	23.08433	6
1967.33	1968.567	1324.067	76.32088	179.9839	74.13303	72.14295	43.18452	5.369709	51.44577	23.27981	28.16596	27.28553	6
1967.335	1968.572	1324.072	74.9612	80.42743	74.72634	73.37903	53.39238	2.151565	44.45606	14.75134	29.70472	30.18644	6
1967.34	1968.576	1324.076	75.76465	100.137	74.92412	71.9699	52.57747	2.479904	44.94263	32.67366	12.26897	30.01029	6
1967.345	1968.581	1324.081	75.70284	64.00276	76.08603	75.62868	51.89505	2.475383	45.62957	13.36692	32.26264	30.21425	6
1967.35	1968.586	1324.086	77.76708	34.28555	77.90305	75.91297	59.10343	0.577377	40.3192	20.40743	19.91177	32.29075	6
1967.355	1968.59	1324.09	79.73244	29.73248	79.50995	79.13913	61.17522	0.032278	38.79251	22.1948	16.5977	32.57127	6
1967.36	1968.595	1324.095	82.53833	21.54306	82.31583	82.19223	60.57564	0.386983	39.03738	18.6286	20.40878	32.69953	6
1967.365	1968.6	1324.1	84.42952	39.67896	84.16994	83.87329	54.73424	2.184137	43.08162	16.16506	26.91656	31.46559	6
1967.37	1968.605	1324.105	84.99811	68.08219	85.01047	84.38008	45.23005	5.187384	49.58256	32.88856	16.69401	29.84434	6
1967.375	1968.609	1324.109	86.34543	72.06995	86.53084	86.62973	41.68434	6.653847	51.66181	24.49221	27.16961	29.37009	6
1967.38	1968.614	1324.114	86.50612	57.92181	86.37015	85.39366	47.45104	4.661393	47.88756	24.04445	23.84311	30.36777	6
1967.385	1968.619	1324.119	84.65201	96.74516	83.76204	84.38008	45.60511	4.18294	50.21195	27.08263	23.12933	29.20552	6
1967.39	1968.623	1324.123	80.84491	63.2541	80.74602	80.52353	51.08156	2.960181	45.95826	30.52805	15.43021	30.33967	6
1967.395	1968.628	1324.128	80.62241	62.38321	80.51117	79.89313	51.5928	2.79559	45.61161	25.36011	20.25149	30.48446	6
1967.4	1968.633	1324.133	79.89313	56.68423	79.52231	79.13913	55.65461	1.535831	42.80956	27.43636	15.37321	31.10005	6
1967.405	1968.638	1324.138	81.90793	97.53965	81.30225	80.88199	45.7341	4.266874	49.99903	32.73578	17.26325	29.22733	6
1967.41	1968.642	1324.142	82.29111	107.257	81.36406	80.58533	45.52067	4.163517	50.31581	26.70103	23.61479	29.12918	6
1967.415	1968.647	1324.147	80.68422	53.75071	80.63477	80.06618	53.14603	2.392907	44.46106	28.20573	16.25533	30.84879	6
1967.42	1968.652	1324.152	79.84369	47.30307	79.52231	77.29738	57.58715	1.009337	41.40351	25.83218	15.57133	31.93117	6
1967.425	1968.656	1324.156	80.3752	49.77823	80.33812	78.91663	54.29587	2.052541	43.65159	21.67025	21.98133	31.23234	6
1967.43	1968.661	1324.161	82.01918	63.16243	81.52475	79.69536	53.08888	2.27815	44.63297	14.47404	30.15893	30.98063	6
1967.435	1968.666	1324.166	82.77318	97.99802	81.88321	78.84247	47.03044	3.760669	49.20889	23.73938	25.46951	29.88846	6
1967.44	1968.67	1324.17	79.70772	63.33049	79.18857	77.69292	55.36634	1.573499	43.06016	14.95924	28.10093	31.12492	6
1967.445	1968.675	1324.175	89.29965	302.1835	84.84978	78.26151	19.20237	7.084673	73.71296	41.94062	31.77234	27.57277	6
1967.45	1968.68	1324.18	84.68909	124.9039	83.23053	80.47408	43.16317	4.395392	52.44144	18.64042	33.80101	29.16076	6
1967.455	1968.685	1324.185	84.4048	86.87507	84.09578	82.7361	43.71871	5.208348	51.07294	25.18646	25.88649	29.52448	6
1967.46	1968.689	1324.189	82.7361	73.52143	82.37764	82.53833	48.86868	3.579353	47.55197	30.72448	16.82749	29.9132	6
1967.465	1968.694	1324.194	79.59647	61.25258	79.21329	78.0761	54.91779	1.730338	43.35188	26.79332	16.55856	31.02148	6
1967.47	1968.699	1324.199	77.96486	72.06995	77.55695	75.70284	53.99266	1.967263	44.04008	17.88507	26.155	30.71272	6
1967.475	1968.703	1324.203	80.88199	91.29064	80.22687	75.35674	48.57341	3.435423	47.99117	18.77957	29.2116	30.39232	6
1967.48	1968.708	1324.208	81.74724	105.2096	80.3752	76.37032	49.96514	2.744219	47.29064	14.95151	32.33914	30.20437	6
1967.485	1968.713	1324.213	82.03154	120.7175	80.79546	78.79303	44.89691	4.19652	50.90657	33.38656	17.52001	29.04405	6
1967.49	1968.718	1324.218	79.83133	63.7583	79.52231	79.21329	53.52056	2.146708	44.33273	19.18198	25.15075	30.62716	6
1967.495	1968.722	1324.222	79.49759	61.16091	79.27509	77.68056	53.7856	2.083357	44.13104	28.28657	15.84447	30.93263	6
1967.5	1968.727	1324.227	78.57053	63.86525	78.2986	76.80295	54.36722	1.882227	43.75055	16.07066	27.67989	30.8961	6
1967.505	1968.732	1324.232	75.18369	53.94933	74.9612	74.49149	59.49959	0.441195	40.05922	25.21691	14.84231	31.53492	6
1967.51	1968.736	1324.236	75.80173	52.19227	75.57924	76.16019	59.3562	0.473226	40.17057	24.33298	15.83759	31.38936	6
1967.515	1968.741	1324.241	75.87589	86.7834	75.15897	74.6769	54.74874	1.841708	43.40955	28.05654	15.353	30.13442	6
1967.52	1968.746	1324.246	75.08481	59.81638	74.55329	73.31722	60.56563	0.219174	39.2152	11.75863	27.45657	31.73489	6
1967.525	1968.751	1324.251	75.88825	66.00428	76.02422	77.28502	53.15602	2.156815	44.68717	16.38621	28.30095	30.02669	6
1967.53	1968.755	1324.255	75.08481	67.66966	74.99828	76.08603	55.21649	1.608094	43.17542	29.11255	14.06286	30.2662	6
1967.535	1968.76	1324.26	73.56444	72.78805	73.28014	73.18125	56.90931	1.228678	41.86201	19.07799	22.78402	30.53663	6
1967.54	1968.765	1324.265	73.28014	67.45576	72.95876	72.30364	58.74867	0.742426	40.50891	28.99263	11.51628	31.03242	6
1967.545	1968.769	1324.269	74.44205	106.4472	73.49027	72.34072	53.12937	2.465854	44.40478	24.09765	20.30713	29.51822	6

1967.55	1968.774	1324.274	73.20597	73.03251	72.5385	70.75855	60.1496	0.500886	39.34951	18.47854	20.87098	31.34893	6
1967.555	1968.779	1324.279	71.87102	72.03939	71.42603	72.20476	59.89378	0.564433	39.54179	12.21243	27.32936	30.76672	6
1967.56	1968.783	1324.283	73.13181	72.36024	72.82279	73.84873	57.60245	1.064154	41.3334	22.78244	18.55096	30.41896	6
1967.565	1968.788	1324.288	71.12937	72.14634	70.40009	68.71903	62.75351	0	37.24649	8.662426	28.58407	31.67142	6
1967.57	1968.793	1324.293	70.36301	63.65135	69.90566	68.5707	63.40685	0	36.59315	8.056429	28.53672	31.487	6
1967.575	1968.798	1324.298	72.22948	66.43208	71.562	70.73383	62.64528	0	37.35472	12.85608	24.49864	31.55065	6
1967.58	1968.802	1324.302	72.10587	130.2821	70.56078	67.5324	54.1088	2.771654	43.11954	31.75441	11.36513	29.279	6
1967.585	1968.807	1324.307	73.14417	166.0496	71.19118	69.59664	47.65906	4.626527	47.71441	32.73059	14.98382	27.5788	6
1967.59	1968.812	1324.312	73.31722	44.32371	73.18125	72.42725	62.87557	0	37.12443	23.59711	13.52732	31.63628	6
1967.595	1968.816	1324.316	74.83759	41.81799	74.45441	72.95876	63.99913	0	36.00087	18.8051	17.19577	31.75014	6
1967.6	1968.821	1324.321	72.78571	73.52143	72.45197	71.82157	57.83144	1.028321	41.14024	13.49187	27.64837	30.71294	6
1967.605	1968.826	1324.326	73.21834	138.1506	72.26656	71.89574	46.58295	4.411124	49.00593	24.06937	24.93656	27.9023	6
1967.61	1968.831	1324.331	72.89696	102.6275	72.08115	71.01813	54.42146	2.192679	43.38586	14.63659	28.74927	29.64813	6
1967.615	1968.835	1324.335	73.68804	102.7955	72.89696	73.03292	53.4614	2.379176	44.15942	24.03078	20.12864	29.35114	6
1967.62	1968.84	1324.34	71.9699	108.7237	71.43839	70.9316	51.59577	2.917341	45.48689	15.67936	29.80753	28.99481	6
1967.625	1968.845	1324.345	70.9934	81.63446	70.68439	71.16645	57.32542	1.266317	41.40826	12.87817	28.5301	30.13042	6
1967.63	1968.849	1324.349	70.57314	91.55038	70.04163	69.53484	57.03673	1.516753	41.44651	29.16249	12.28402	30.01128	6
1967.635	1968.854	1324.354	67.08741	77.0661	67.50768	68.54598	56.37253	1.252601	42.37487	18.48378	23.89109	29.75756	6
1967.64	1968.859	1324.359	70.36301	62.62767	69.75733	69.47303	64.80413	0	35.19587	11.70131	23.49456	31.18507	6
1967.645	1968.863	1324.363	72.2542	99.43422	71.2159	71.04285	57.50989	1.512467	40.97764	15.95589	25.02175	29.95489	6
1967.65	1968.868	1324.368	72.58794	75.58406	72.22948	72.2542	57.70583	1.085509	41.20866	26.04461	15.16405	30.513	6
1967.655	1968.873	1324.373	71.63616	61.29842	71.04285	70.22704	63.85871	0	36.14129	25.57683	10.56446	31.40555	6
1967.66	1968.878	1324.378	69.8315	67.37937	69.01569	66.29633	65.77173	0	34.22827	18.6783	15.54997	31.58739	6
1967.665	1968.882	1324.382	68.60778	57.26482	67.96502	65.69065	68.00413	0	31.99587	23.94817	8.047703	31.28985	6
1967.67	1968.887	1324.387	66.80312	52.16171	66.41993	65.1097	68.88766	0	31.11234	20.72922	10.38312	30.94326	6
1967.675	1968.892	1324.392	67.71781	66.72238	67.07505	65.88842	66.53417	0	33.46583	6.661749	26.80408	31.19358	6
1967.68	1968.896	1324.396	68.47181	74.30065	67.84142	66.48174	63.91075	0	36.08925	25.19062	10.89863	31.44621	6
1967.685	1968.901	1324.401	70.02927	104.4457	68.86736	66.09855	59.30202	1.377792	39.32019	19.06854	20.25165	30.43666	6
1967.69	1968.906	1324.406	68.96624	66.921	68.47181	67.33463	64.188	0	35.812	16.75277	19.05923	31.34385	6
1967.695	1968.911	1324.411	68.32349	80.48855	68.07627	68.62014	59.58008	0.804781	39.61514	16.36601	23.24913	30.32723	6
1967.7	1968.915	1324.415	68.79319	72.86444	68.79319	68.69431	59.07707	0.721864	40.20107	21.01607	19.185	30.5778	6
1967.705	1968.92	1324.42	69.9551	88.84603	68.83028	67.8167	62.85797	0.369316	36.77271	27.44303	9.32968	31.09887	6
1967.71	1968.925	1324.425	70.31356	98.21192	69.44831	68.5707	58.24993	1.425753	40.32431	15.9692	24.35511	30.08888	6
1967.715	1968.929	1324.429	69.2629	77.73837	68.27404	67.96502	65.1291	0	34.8709	9.034468	25.83643	31.24703	6
1967.72	1968.934	1324.434	67.1245	70.6643	66.98853	67.02561	62.19846	0.0905	37.71104	23.48043	14.23062	31.02955	6
1967.725	1968.939	1324.439	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1968.02	1969.216	1324.716	127.8033	30.0075	127.8899	128.99	14.48856	69.10406	16.40738	0	16.40738	20.85008	9
1968.025	1969.221	1324.721	118.4339	50.11436	118.0383	120.8937	21.97861	34.18777	43.83362	26.46026	17.37336	25.9294	9
1968.03	1969.226	1324.726	106.5058	89.16689	105.0472	103.0571	31.74018	9.819753	58.44007	23.80248	34.63759	29.66053	9
1968.035	1969.231	1324.731	99.81863	76.16466	99.31184	98.80505	33.66264	11.70587	54.63149	22.02589	32.6056	29.1643	9
1968.04	1969.235	1324.735	108.5824	122.4746	110.1769	109.7319	0	45.44318	54.55682	54.55682	0	-9999	9
1968.045	1969.24	1324.74	101.1165	95.59925	101.0423	98.99046	24.41257	17.06566	58.52177	34.54924	23.97253	28.88766	9
1968.05	1969.245	1324.745	99.65794	79.5871	99.92988	101.7098	26.94711	17.00499	56.0479	26.62081	29.42709	28.23047	9
1968.055	1969.249	1324.749	100.5726	83.36096	100.4861	101.2772	27.97039	15.65395	56.37566	28.48773	27.88793	28.49431	9
1968.06	1969.254	1324.754	102.847	72.3908	102.6987	102.5133	29.01173	16.60201	54.38627	30.19429	24.19198	28.68233	9
1968.065	1969.259	1324.759	106.0979	64.35417	105.863	105.2326	28.63636	18.74741	52.61623	24.81694	27.79929	28.60752	9
1968.07	1969.264	1324.764	99.81863	66.17234	99.05226	97.63078	38.09249	9.33397	52.57354	20.47532	32.09823	29.80188	9
1968.075	1969.268	1324.768	98.12521	71.44352	97.38357	98.96574	38.18322	8.792798	53.02399	33.5652	19.45878	29.19385	10
1968.08	1969.273	1324.773	105.5416	73.99507	104.5652	103.8606	32.56273	12.31689	55.12037	34.96245	20.15793	29.25807	10
1968.085	1969.278	1324.778	104.9236	47.57808	105.0472	104.9113	30.99842	19.45238	49.54919	19.56367	29.98552	28.56173	10
1968.09	1969.282	1324.782	103.2673	49.67127	103.1189	103.0201	34.12321	15.48711	50.38968	19.97737	30.41232	29.00945	10
1968.095	1969.287	1324.787	101.6975	55.46193	101.6727	102.3526	33.20814	15.27072	51.52114	30.39288	21.12826	28.80893	10
1968.1	1969.292	1324.792	104.4663	57.52456	104.5652	104.4663	29.20373	19.36402	51.43226	26.04233	25.38992	28.4937	10
1968.105	1969.296	1324.796	114.6762	102.5664	114.0706	112.9828	14.3708	28.17339	57.45581	42.18229	15.27353	27.9872	10
1968.11	1969.301	1324.801	109.4724	66.93628	109.5589	109.8432	22.41628	26.54189	51.04183	21.72842	29.31341	27.66652	10
1968.115	1969.306	1324.806	106.3327	63.51384	106.3204	106.5058	26.89933	21.02276	52.07791	34.45926	17.61865	28.23604	10
1968.12	1969.311	1324.811	107.7171	62.58183	107.4823	107.0867	27.57555	20.51708	51.90737	22.62063	29.28674	28.38064	10
1968.125	1969.315	1324.815	108.2116	68.20442	108.125	107.9891	24.61046	23.01589	52.37365	34.93566	17.438	28.08029	10
1968.13	1969.32	1324.82	103.1066	81.94003	102.8841	103.601	27.03678	16.91946	56.04377	26.21219	29.83157	28.43861	10
1968.135	1969.325	1324.825	104.2809	65.63759	104.1696	102.8717	29.03948	17.9224	53.03812	21.6122	31.42592	28.80829	10
1968.14	1969.329	1324.829	111.6108	76.47023	111.277	111.8951	21.39878	25.48887	53.11235	35.70202	17.41032	27.67624	10
1968.145	1969.334	1324.834	110.8444	69.91564	110.7702	111.5242	21.67834	26.9918	51.32986	23.95331	27.37655	27.51001	10
1968.15	1969.339	1324.839	112.3895	88.28072	111.9074	110.4365	18.97376	25.57134	55.4549	41.12232	14.33258	28.12352	10
1968.155	1969.344	1324.844	113.2671	80.16769	113.5267	114.293	14.38197	36.0163	49.60173	27.37969	22.22203	26.816	10
1968.16	1969.348	1324.848	112.1052	68.46416	112.0681	111.0545	20.58228	29.32506	50.09266	30.09916	19.9935	27.58155	10
1968.165	1969.353	1324.853	109.4353	71.59631	109.1015	108.9532	24.57972	22.24028	53.18	30.02324	23.15676	28.13381	10
1968.17	1969.358	1324.858	109.3982	77.34112	109.1757	108.8049	22.36143	23.77667	53.8619	28.29828	25.56362	28.0554	10
1968.175	1969.362	1324.862	109.5094	72.42136	109.2993	107.062	23.35387	23.72671	52.91942	21.44066	31.47875	28.38673	10
1968.18	1969.367	1324.867	109.0645	72.31441	109.2128	108.5824	21.01107	26.96509	52.02384	25.82981	26.19403	27.84012	10
1968.185	1969.372	1324.872	110.35	78.21201	110.1028	109.3488	21.46663	24.85052	53.68285	23.43043	30.25242	28.02256	10
1968.19	1969.376	1324.876	110.523	89.7322	110.3994	108.4464	17.56158	27.27964	55.15877	42.24211	12.91667	28.15368	10
1968.195	1969.381	1324.881	113.1929	108.1126	112.8716	111.1287	12.18994	30.11689	57.69317	35.42087	22.2723	28.12809	10
1968.2	1969.386	1324.886	111.9321	159.2964	111.9816	109.6949	0	36.24518	63.75482	63.75482	0	-9999	10

1968.205	1969.391	1324.891	106.3327	298.3027	109.2004	113.366	0	65.81612	34.18388	34.18388	0	-9999	10
1968.21	1969.395	1324.895	104.7258	337.4621	108.4341	112.9086	0	72.86359	27.13641	27.13641	0	-9999	5
1968.215	1969.4	1324.9	104.5899	311.4424	107.198	105.0472	0	59.67241	40.32759	40.32759	0	-9999	5
1968.22	1969.405	1324.905	93.72479	256.1791	93.66299	83.27997	0	22.21517	77.78483	77.78483	0	-9999	5
1968.225	1969.409	1324.909	86.79042	122.7802	85.48018	78.75594	40.59435	5.178317	54.22733	38.25415	15.97318	29.87195	5
1968.23	1969.414	1324.914	84.56549	96.53126	83.52719	79.20093	46.88602	3.699039	49.41494	18.15383	31.2611	30.24582	5
1968.235	1969.419	1324.919	86.18474	86.37087	86.49376	79.93021	37.41339	7.968095	54.61851	21.37508	33.24343	30.09694	5
1968.24	1969.424	1324.924	87.5197	66.96684	86.35779	82.47652	52.28069	2.101479	45.61783	27.54879	18.06904	31.51592	5
1968.245	1969.428	1324.928	92.1797	43.40698	91.73471	91.74707	48.13883	5.148946	46.71222	23.94689	22.76533	30.66895	5
1968.25	1969.433	1324.933	90.72113	69.48784	89.15132	87.16124	51.88655	1.608579	46.50487	14.44149	32.06338	31.30883	5
1968.255	1969.438	1324.938	87.29721	80.21353	86.65445	84.63965	45.25627	4.725148	50.01858	28.67242	21.34616	30.04084	5
1968.26	1969.442	1324.942	87.01291	67.86829	86.11058	85.64087	50.51708	2.899938	46.58298	28.64032	17.94266	30.57389	5
1968.265	1969.447	1324.947	89.62103	133.3072	86.79042	84.19466	47.22551	1.073357	51.70113	28.14671	23.55442	29.88923	5
1968.27	1969.452	1324.952	87.19832	76.27161	85.05992	82.52597	57.89246	0	42.10754	16.07532	26.03222	31.27475	5
1968.275	1969.456	1324.956	87.63095	86.67645	86.77806	82.50124	45.01373	4.541478	50.44479	17.70453	32.74027	30.36748	5
1968.28	1969.461	1324.961	84.55313	84.29296	83.10692	77.58167	53.02032	1.663464	45.31622	22.93762	22.37859	31.46409	5
1968.285	1969.466	1324.966	83.05748	45.74463	81.99445	80.93143	60.75535	0	39.24465	18.16063	21.08402	32.28694	5
1968.29	1969.471	1324.971	82.26639	51.71863	80.75838	78.28624	63.48608	0	36.51392	13.28677	23.22714	31.63561	5
1968.295	1969.475	1324.975	81.90793	60.50392	79.76952	77.68056	66.57541	0	33.42459	18.49243	14.93217	30.61122	5
1968.3	1969.48	1324.98	79.88077	40.19844	78.92899	76.77823	64.15794	0	35.84206	23.20632	12.63575	31.96038	5
1968.305	1969.485	1324.985	75.81409	42.23051	75.10953	75.56687	65.49161	0	34.50839	23.01905	11.48935	31.21395	5
1968.31	1969.489	1324.989	74.13303	46.08076	73.32958	72.20476	66.87279	0	33.12721	13.59152	19.53569	31.27909	5
1968.315	1969.494	1324.994	74.54093	52.75759	73.89818	72.8846	63.63638	0	36.36362	9.883552	26.48007	31.59158	5
1968.32	1969.499	1324.999	77.40862	126.8902	76.35796	72.09351	46.21928	4.163248	49.61747	16.5771	33.04037	29.12265	5
1968.325	1969.504	1325.004	71.14173	92.19209	69.67081	63.86126	63.63881	0.218192	36.143	18.48341	17.65959	32.1374	5
1968.33	1969.508	1325.008	69.99218	71.01571	69.43595	63.40391	62.73219	0	37.26781	18.59511	18.6727	32.42136	5
1968.335	1969.513	1325.013	70.48661	45.66824	69.53484	68.36057	71.47687	0	28.52313	12.30053	16.2226	30.96616	5
1968.34	1969.518	1325.018	75.98714	44.20148	74.91176	73.84873	67.7293	0	32.2707	22.4301	9.840607	31.18842	7
1968.345	1969.522	1325.022	81.24045	59.25106	80.84491	81.43822	53.98549	2.042313	43.9722	16.44542	27.52677	30.68316	7
1968.35	1969.527	1325.027	83.97217	58.44129	83.39122	82.84735	53.10521	2.318978	44.57582	14.17884	30.39697	30.92819	7
1968.355	1969.532	1325.032	89.16368	76.69941	88.96591	89.10188	40.94089	6.929719	52.12939	33.77491	18.35448	29.34067	7
1968.36	1969.536	1325.036	90.74585	102.1386	89.57158	88.85466	40.89687	5.402537	53.70059	21.96048	31.74011	29.3147	7
1968.365	1969.541	1325.041	97.86563	126.4165	97.33412	96.65428	23.49003	13.59538	62.91459	40.20772	22.70687	28.63753	7
1968.37	1969.546	1325.046	96.70373	127.2263	96.28346	93.66299	23.50086	13.54038	62.95876	47.91016	15.04861	28.95619	7
1968.375	1969.551	1325.051	93.89784	176.7142	90.84474	88.32315	34.51067	3.05693	62.43239	30.91825	31.51414	28.78427	7
1968.38	1969.555	1325.055	101.8458	137.8756	100.9558	99.69502	19.83327	14.66055	65.50619	33.59051	31.91568	28.88098	7
1968.385	1969.56	1325.06	103.8606	115.9353	103.7246	103.1066	17.44567	20.66759	61.88674	41.4442	20.44254	28.559	7
1968.39	1969.565	1325.065	103.6134	139.9382	103.3167	103.5763	13.10974	20.73445	66.15581	44.57587	21.57994	28.64622	7
1968.395	1969.569	1325.069	100.5479	207.287	100.0411	98.07577	1.260079	21.09753	77.64239	77.64239	0	-9999	7
1968.4	1969.574	1325.074	98.99046	157.1421	98.78033	102.3526	12.52891	18.46836	69.00274	56.0188	12.98393	28.11119	7
1968.405	1969.579	1325.079	101.6109	148.1888	101.4255	101.8952	12.09319	20.26524	67.64157	50.85836	16.78322	28.69138	7
1968.41	1969.584	1325.084	96.25874	143.9718	95.71487	94.3181	20.81579	13.70395	65.48026	43.83452	21.64574	28.68739	7
1968.415	1969.588	1325.088	95.22044	164.4759	94.30574	89.60867	19.6829	12.56367	67.75343	53.06652	14.68691	29.20286	7
1968.42	1969.593	1325.093	92.14262	172.8181	91.69763	89.10188	16.85545	13.86527	69.27928	40.58712	28.69216	28.74477	7
1968.425	1969.598	1325.098	92.97078	159.3575	92.5258	94.18214	19.351	13.38791	67.26109	48.38825	18.87284	27.96206	7
1968.43	1969.602	1325.102	93.52702	192.0694	92.31567	90.33795	16.86233	12.27165	70.86603	52.507	18.35903	28.56555	7
1968.435	1969.607	1325.107	89.36145	127.7152	88.66925	87.49498	32.24494	8.535009	59.22005	29.04072	30.17933	28.51559	7
1968.44	1969.612	1325.112	88.33551	146.2942	88.1501	87.09944	24.76507	11.27832	63.95661	40.66094	23.29567	28.21328	7
1968.445	1969.616	1325.116	88.48384	139.6785	87.92761	85.54198	29.10348	9.507533	61.38899	25.17984	36.20915	28.50237	7
1968.45	1969.621	1325.121	87.77928	105.1485	87.00055	85.46782	39.83226	6.101413	54.06633	32.49971	21.56661	29.15508	7
1968.455	1969.626	1325.126	90.90654	202.0311	89.2502	86.01169	20.31106	10.25596	69.43297	45.81771	23.61526	28.32671	7
1968.46	1969.631	1325.131	94.24394	124.6289	93.89784	94.26866	25.81766	12.23777	61.94457	27.81685	34.12773	28.35065	7
1968.465	1969.635	1325.135	99.13879	91.27536	98.32298	96.87678	33.02619	10.28828	56.68553	24.48643	32.1991	29.28769	7
1968.47	1969.64	1325.14	101.4502	123.2844	101.3637	101.0176	17.50152	19.15743	63.34105	47.95264	15.3884	28.58074	7
1968.475	1969.645	1325.145	110.041	147.4401	110.5477	112.4884	0	37.6423	62.3577	62.3577	0	-9999	7
1968.48	1969.649	1325.149	104.4292	156.9588	104.6146	106.308	4.504192	26.77312	68.72269	68.72269	0	-9999	7
1968.485	1969.654	1325.154	98.82977	137.8909	98.44659	98.21173	18.67668	15.94649	65.37683	49.14649	16.23034	28.58275	7
1968.49	1969.659	1325.159	95.60362	92.20736	95.2328	95.96208	32.60436	10.74843	56.64721	33.81761	22.8296	28.71595	7
1968.495	1969.664	1325.164	94.82489	112.1309	94.76309	93.63826	26.1044	13.22267	60.67293	41.84316	18.82977	28.70123	7
1968.5	1969.668	1325.168	95.36877	116.0117	95.04739	95.41821	26.6766	12.47162	60.85179	29.51151	31.34027	28.43777	7
1968.505	1969.673	1325.173	92.59996	93.91859	92.48872	91.32681	32.9419	10.32419	56.73391	40.30951	16.4244	28.98167	7
1968.51	1969.678	1325.178	92.45163	129.7015	92.13025	90.38739	26.04743	11.68009	62.27248	38.55025	23.72224	28.64609	7
1968.515	1969.682	1325.182	96.11041	131.4585	95.09683	92.97078	27.62071	10.23706	62.14224	26.25838	35.88385	28.90606	7
1968.52	1969.687	1325.187	92.50108	88.92243	91.90776	91.57402	37.97797	7.710066	54.31196	35.57472	18.73724	29.20218	7
1968.525	1969.692	1325.192	94.47879	97.4327	93.972	92.8719	33.42842	9.728644	56.84294	36.30113	20.5418	29.04418	7
1968.53	1969.697	1325.197	97.35884	103.5748	96.92622	95.59126	28.71762	12.30297	58.97942	43.55112	15.4283	28.91258	7
1968.535	1969.701	1325.201	94.5406	99.81619	94.09561	92.53816	32.31578	10.23695	57.44727	31.45016	25.99711	29.05312	7
1968.54	1969.706	1325.206	93.88548	100.7024	93.76187	92.68649	30.21335	11.51606	58.2706	38.75748	19.51312	28.8368	7
1968.545	1969.711	1325.211	94.82489	110.5266	94.59004	95.48001	27.83378	12.21102	59.95521	35.1316	24.82361	28.37473	7
1968.55	1969.715	1325.215	89.89296	109.9307	89.36145	89.02771	34.81445	8.188197	56.99735	28.10146	28.89589	28.67873	7
1968.555	1969.72	1325.22	89.63339	141.4661	89.2502	88.12538	26.27215	10.7919	62.93595	31.03041	31.90553	28.31022	7
1968.56	1969.725	1325.225	86.56793	138.8382	86.0735	85.851	30.5905	8.922287	60.48721	24.0357	36.45152	28.02241	7
1968.565	1969.729	1325.229	89.55922	180.3964	89.00299	89.60867	18.26039	12.7023	69.03731	40.64034	28.39697	27.87304	7

1968.57	1969.734	1325.234	86.4196	184.048	85.851	84.83742	20.36095	11.66868	67.97038	48.05261	19.91776	27.82793	7
1968.575	1969.739	1325.239	88.48384	198.7309	87.68039	86.55556	16.7287	12.57835	70.69295	38.30354	32.38942	28.03789	7
1968.58	1969.744	1325.244	88.06357	160.4729	87.81636	88.1501	22.06298	11.87909	66.05792	45.48106	20.57686	27.87062	7
1968.585	1969.748	1325.248	89.48506	116.1034	89.28729	87.71747	31.10947	9.747464	59.14307	41.13199	18.01109	28.68671	7
1968.59	1969.753	1325.253	88.65689	103.7276	88.45912	89.2502	34.86632	8.510099	56.62358	28.75263	27.87095	28.48432	7
1968.595	1969.758	1325.258	90.86946	149.625	91.47514	93.61354	15.49687	16.22342	68.27971	39.01054	29.26917	28.10787	7
1968.6	1969.762	1325.262	92.97078	227.5467	93.32925	92.59996	0	21.8339	78.1661	78.1661	0	-9999	7
1968.605	1969.767	1325.267	93.82367	206.0953	94.46643	97.75439	0	22.47473	77.52527	77.52527	0	-9999	7
1968.61	1969.772	1325.272	97.19815	255.2013	96.77789	92.95842	0	22.50288	77.49712	77.49712	0	-9999	7
1968.615	1969.777	1325.277	97.9398	249.3342	97.80383	97.40829	0	24.33143	75.66857	75.66857	0	-9999	7
1968.62	1969.781	1325.281	101.2278	247.8522	100.8817	99.85571	0	25.49737	74.50263	74.50263	0	-9999	7
1968.625	1969.786	1325.286	101.4997	244.063	102.5504	100.7333	0	35.91139	64.08861	64.08861	0	-9999	7
1968.63	1969.791	1325.291	99.94224	245.2548	100.1029	98.78033	0	27.70477	72.29523	72.29523	0	-9999	7
1968.635	1969.795	1325.295	102.1548	198.0434	102.9583	104.1572	0	31.75403	68.24597	68.24597	0	-9999	7
1968.64	1969.8	1325.3	98.31062	210.6484	98.49603	99.13879	0	24.02469	75.97531	75.97531	0	-9999	7
1968.645	1969.805	1325.305	97.7173	226.1563	97.90272	99.46017	0	24.55101	75.44899	75.44899	0	-9999	7
1968.65	1969.809	1325.309	99.34892	227.0425	99.85571	100.8075	0	28.23629	71.76371	71.76371	0	-9999	7
1968.655	1969.814	1325.314	99.63322	252.7108	100.6592	101.03	0	33.87628	66.12372	66.12372	0	-9999	7
1968.66	1969.819	1325.319	100.6097	219.1128	100.7086	101.0423	0	26.15321	73.84679	73.84679	0	-9999	7
1968.665	1969.824	1325.324	102.3155	227.1342	102.402	103.5639	0	28.3236	71.6764	71.6764	0	-9999	7
1968.67	1969.828	1325.328	102.9212	252.0691	103.91	104.4415	0	37.96013	62.03987	62.03987	0	-9999	7
1968.675	1969.833	1325.333	104.5157	243.9255	105.2821	105.2326	0	37.82785	62.17215	62.17215	0	-9999	7
1968.68	1969.838	1325.338	102.6492	261.8322	103.156	102.5504	0	34.33626	65.66374	65.66374	0	-9999	7
1968.685	1969.842	1325.342	101.4873	267.0576	102.0806	104.5652	0	33.94964	66.05036	66.05036	0	-9999	7
1968.69	1969.847	1325.347	105.7641	302.489	105.5787	105.5046	0	34.8954	65.1046	65.1046	0	-9999	7
1968.695	1969.852	1325.352	104.2685	306.3546	105.0596	109.4353	0	41.89784	58.10216	58.10216	0	-9999	7
1968.7	1969.857	1325.357	100.585	259.0057	100.9682	100.0782	0	30.84041	69.15959	69.15959	0	-9999	7
1968.705	1969.861	1325.361	97.5937	244.1547	99.00282	99.50961	0	33.35234	66.64766	66.64766	0	-9999	7
1968.71	1969.866	1325.366	93.99672	255.3235	94.76309	93.24272	0	26.58762	73.41238	73.41238	0	-9999	7
1968.715	1969.871	1325.371	92.5258	237.7835	93.46521	91.72235	0	25.0198	74.9802	74.9802	0	-9999	7
1968.72	1969.875	1325.375	96.87678	256.5458	97.43301	97.89036	0	28.09226	71.90774	71.90774	0	-9999	7
1968.725	1969.88	1325.38	98.0016	234.743	98.52075	99.57141	0	27.47196	72.52804	72.52804	0	-9999	7
1968.73	1969.885	1325.385	98.61964	234.9569	98.76797	98.03868	0	25.70504	74.29496	74.29496	0	-9999	7
1968.735	1969.889	1325.389	99.46017	267.2715	100.7333	100.6344	0	36.38152	63.61848	63.61848	0	-9999	7
1968.74	1969.894	1325.394	102.7852	262.0767	103.9718	104.4663	0	40.07465	59.92535	59.92535	0	-9999	7
1968.745	1969.899	1325.399	111.7097	355.7356	112.9457	106.3575	0	64.12746	35.87254	35.87254	0	-9999	7
1968.75	1969.904	1325.404	109.7319	206.5842	110.6837	109.4106	0	46.20182	53.79818	53.79818	0	-9999	7
1968.755	1969.908	1325.408	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1969.215	1970.156	1325.656	103.7741	65.28617	103.5763	103.0448	30.26134	16.65457	53.08409	19.7247	33.35939	28.7891	8
1969.22	1970.161	1325.661	101.3143	116.3325	101.8334	101.6604	14.61497	23.01485	62.37018	39.2551	23.11508	28.50658	8
1969.225	1970.165	1325.665	105.7889	121.2981	105.2203	106.0361	17.7267	19.27133	63.00198	46.1651	16.83688	28.38194	8
1969.23	1970.17	1325.67	104.936	79.52599	104.4786	103.6381	27.75806	16.6004	55.64154	36.64579	18.99575	28.76977	8
1969.235	1970.175	1325.675	106.6047	90.93923	105.5169	105.3933	28.34643	13.29571	58.35786	27.80244	30.55542	28.92031	8
1969.24	1970.179	1325.679	107.6183	124.5067	106.5676	104.4786	19.00322	16.69995	64.29682	35.64831	28.64852	29.09181	8
1969.245	1970.184	1325.684	103.6875	100.0759	103.2178	102.9953	24.02933	16.72477	59.2459	34.4287	24.8172	28.58337	8
1969.25	1970.189	1325.689	99.52197	87.59318	98.54547	97.77911	34.8101	9.252361	55.93754	29.64574	26.29181	29.3373	8
1969.255	1970.193	1325.693	95.03503	152.9252	93.13147	91.40097	30.31241	6.798317	62.88927	44.75993	18.12934	28.73932	8
1969.26	1970.198	1325.698	97.47009	112.3295	95.18336	92.03137	40.86598	2.566214	56.56781	32.50652	24.06129	30.26603	8
1969.265	1970.203	1325.703	93.30452	72.11578	92.55052	89.99185	42.55135	6.216265	51.23238	22.7166	28.51578	30.2281	8
1969.27	1970.207	1325.707	92.46399	59.70942	91.30209	89.5345	49.48824	3.176878	47.33489	27.72401	19.61088	31.08851	8
1969.275	1970.212	1325.712	99.65794	75.14098	99.49725	98.71852	31.37592	13.79961	54.82447	32.89937	21.9251	28.98954	2
1969.28	1970.217	1325.717	94.75073	93.93386	94.9485	95.71487	28.5646	13.30854	58.12685	37.18382	20.94303	28.4764	2
1969.285	1970.222	1325.722	85.10936	133.3225	82.57541	76.64226	49.07345	1.898588	49.02796	32.84067	16.18729	30.2468	2
1969.29	1970.226	1325.726	79.99202	87.94459	77.12433	74.73871	67.34935	0	32.65065	24.84796	7.802687	30.24446	2
1969.295	1970.231	1325.731	81.52475	113.8115	78.28624	75.22077	62.5533	0	37.4467	16.67774	20.76896	30.19917	2
1969.3	1970.236	1325.736	82.21695	34.31611	81.6978	80.20215	60.07933	0.323312	39.59736	11.51971	28.07765	32.60769	2
1969.305	1970.24	1325.74	83.10692	24.62937	82.66193	81.40114	61.02997	0.154722	38.81531	26.47644	12.33887	32.96676	2
1969.31	1970.245	1325.745	85.93753	37.18852	84.98575	83.19345	59.31412	0.339086	40.3468	18.90425	21.44255	32.692	2
1969.315	1970.25	1325.75	88.12538	47.11972	87.22304	84.33063	54.51476	1.860843	43.62439	12.64107	30.98333	31.9937	2
1969.32	1970.254	1325.754	86.39488	30.35891	86.39488	86.4196	53.16986	3.219889	43.61025	27.46118	16.14907	31.3537	2
1969.325	1970.259	1325.759	83.97217	35.61481	83.72496	84.29355	56.04273	1.777423	42.17985	17.62297	24.55688	31.55379	2
1969.33	1970.264	1325.764	81.57419	41.161	81.83377	82.09334	52.97907	2.693176	44.32775	26.99333	17.33442	30.91739	2
1969.335	1970.268	1325.768	81.0674	64.2625	81.51239	75.9377	46.41782	4.553323	49.02885	32.16631	16.86254	30.76394	2
1969.34	1970.273	1325.773	79.55939	47.54753	79.91785	77.69292	52.52079	2.611964	44.86725	29.90436	14.96289	31.11016	2
1969.345	1970.278	1325.778	80.20215	39.48034	80.27631	79.27509	56.08501	1.58166	42.33333	23.62363	18.7097	31.60004	2
1969.35	1970.282	1325.782	83.79912	45.79047	82.47652	82.97095	62.07365	0	37.92635	9.259332	28.66702	31.54078	2
1969.355	1970.287	1325.787	84.24411	75.49239	84.41716	82.77318	42.88512	5.869898	51.24498	31.96672	19.27826	29.6531	2
1969.36	1970.292	1325.792	83.79912	115.0338	82.57541	75.17133	44.55039	4.222146	51.22746	17.16371	34.06375	30.22017	2
1969.365	1970.297	1325.797	81.98209	131.8863	79.53467	73.66332	51.62753	1.882859	46.48962	21.24604	25.24357	30.27936	2
1969.37	1970.301	1325.801	80.69658	99.40366	78.15027	73.84873	61.43737	0	38.56263	25.71313	12.8495	31.25623	2
1969.375	1970.306	1325.806	80.75838	79.67877	79.3987	76.72878	56.95755	0.875219	42.16723	16.89539	25.27185	31.35067	2
1969.38	1970.311	1325.811	84.19466	101.9705	83.89801	77.12433	40.16314	6.18816	53.6487	25.80494	27.84376	29.98956	2
1969.385	1970.315	1325.815	88.65689	77.34112	88.66925	84.67673	39.62331	7.537096	52.83959	28.01543	24.82416	29.9575	2

1969.39	1970.32	1325.82	92.45163	57.55512	91.8336	89.50978	45.80594	5.456783	48.73728	28.28764	20.44964	30.65986	8
1969.395	1970.325	1325.825	88.82994	42.76527	88.57036	88.0883	49.93897	4.239664	45.82137	16.09023	29.73114	30.88826	8
1969.4	1970.329	1325.829	86.97583	48.02117	86.96347	87.28485	48.45691	4.638493	46.9046	31.19089	15.7137	30.39075	8
1969.405	1970.334	1325.834	87.79164	51.67279	87.66803	86.85222	47.68483	4.866014	47.44915	18.60552	28.84363	30.48585	8
1969.41	1970.339	1325.839	87.39609	69.47256	87.69275	84.93631	40.48414	7.414952	52.10091	20.80431	31.2966	29.84833	8
1969.415	1970.343	1325.843	84.7509	68.49472	83.92273	78.94135	51.87176	2.492207	45.63603	21.32728	24.30875	31.44597	8
1969.42	1970.348	1325.848	83.21817	57.73846	82.56305	79.89313	54.54375	1.824038	43.63221	21.59026	22.04195	31.50589	8
1969.425	1970.353	1325.853	81.6978	43.30003	81.50003	80.42464	55.89215	1.636991	42.47086	17.04761	25.42325	31.5892	2
1969.43	1970.358	1325.858	81.71016	48.83094	81.48766	82.19223	54.73389	1.9477	43.31841	16.47422	26.84419	30.97815	2
1969.435	1970.362	1325.862	80.15271	61.68039	79.27509	76.98836	58.13435	0.707173	41.15848	24.93931	16.21916	31.77413	2
1969.44	1970.367	1325.867	78.95371	48.93789	77.91541	74.40497	63.56645	0	36.43355	24.60701	11.82654	32.12227	2
1969.445	1970.372	1325.872	77.61876	61.48176	76.72878	76.16019	60.60945	0.12675	39.2638	15.34248	23.92133	31.7377	2
1969.45	1970.376	1325.876	71.00576	81.64974	70.79563	63.55224	56.54399	1.425691	42.03032	16.74541	25.28491	31.42737	2
1969.455	1970.381	1325.881	67.69309	42.50553	68.24932	63.36683	63.12521	0	36.87479	22.51604	14.35874	31.75085	2
1969.46	1970.386	1325.886	66.53118	44.50705	65.74009	60.42498	74.15153	0	25.84847	19.75294	6.095526	31.6391	2
1969.465	1970.39	1325.89	66.02439	42.06245	65.08497	63.07018	76.35892	0	23.64108	17.56422	6.076858	31.08481	2
1969.47	1970.395	1325.895	65.81426	40.12204	65.44344	62.72407	72.61522	0	27.38478	7.247383	20.1374	30.99986	2
1969.475	1970.4	1325.9	66.43229	48.067	66.17272	60.52386	69.26178	0	30.73822	15.29986	15.43836	31.6479	2
1969.48	1970.404	1325.904	67.43351	48.00589	66.95144	61.51272	70.07977	0	29.92023	11.44715	18.47307	31.67225	2
1969.485	1970.409	1325.909	71.2777	51.74919	71.48783	66.97617	60.27269	0.141946	39.58537	11.51899	28.06638	32.22095	2
1969.49	1970.414	1325.914	72.73627	62.58183	73.78693	72.2542	49.7952	2.736793	47.46801	17.59281	29.8752	30.04514	2
1969.495	1970.418	1325.918	69.65844	105.7444	71.74741	56.28413	34.13463	6.399719	59.46565	39.43613	20.02952	30.75196	2
1969.5	1970.423	1325.923	64.8254	117.4632	60.37554	55.51777	86.42099	0	13.57901	9.56027	4.018743	34.51045	2
1969.505	1970.428	1325.928	63.23086	86.20281	58.84281	55.85151	94.97399	0	5.026013	5.026013	0	35.28431	2
1969.51	1970.433	1325.933	62.99601	30.25196	62.4027	59.18891	79.32089	0	20.67911	8.240917	12.4382	31.19278	2
1969.515	1970.437	1325.937	65.59176	39.32755	65.22094	62.93421	73.01218	0	26.98782	6.738068	20.24975	30.90583	2
1969.52	1970.442	1325.942	69.29998	35.23284	69.10221	68.17516	69.2504	0	30.7496	16.12089	14.62871	30.84762	2
1969.525	1970.447	1325.947	72.58794	46.49329	72.08115	72.40253	65.89534	0	34.10466	7.769867	26.33479	31.04595	2
1969.53	1970.451	1325.951	75.62868	54.02572	75.54215	75.50507	58.01796	0.826075	41.15596	25.08678	16.06918	31.21218	2
1969.535	1970.456	1325.956	76.59282	74.97291	75.70284	72.95876	58.28845	0.838552	40.87299	25.11679	15.7562	31.38135	2
1969.54	1970.461	1325.961	77.13669	95.82843	76.09839	71.84629	53.8906	2.043467	44.06593	22.71291	21.35302	30.59261	2
1969.545	1970.465	1325.965	73.76221	100.3815	74.47913	74.6769	42.2903	4.991115	52.71859	35.95156	16.76703	28.35246	2
1969.55	1970.47	1325.97	70.53606	177.7532	71.80921	56.14817	22.2236	10.20057	67.57582	32.03649	35.53933	29.74553	2
1969.555	1970.475	1325.975	68.96624	137.3408	66.95144	56.33358	58.92927	2.340542	38.73019	29.48881	9.241383	30.93209	2
1969.56	1970.479	1325.979	65.8637	62.68878	63.61405	61.05538	81.66952	0	18.33048	9.974843	8.355635	32.02494	2
1969.565	1970.484	1325.984	67.21102	69.91564	67.54476	66.29633	58.65979	0.67848	40.66173	14.55566	26.10607	30.68485	2
1969.57	1970.489	1325.989	71.2159	118.7771	70.56078	62.10604	50.81448	3.269725	45.9158	13.58935	32.32645	30.07979	2
1969.575	1970.493	1325.993	70.95632	60.65671	69.86858	65.81426	68.47128	0	31.52872	7.173287	24.35543	31.66562	2
1969.58	1970.498	1325.998	69.94274	7.944959	69.37415	69.31234	78.1366	0	21.8634	21.13281	0.730588	30.54306	2
1969.585	1970.503	1326.003	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1969.59	1970.508	1326.008	76.0613	43.26947	75.43091	81.61127	64.43797	0	35.56203	21.82853	13.7335	30.28953	2
1969.595	1970.512	1326.012	74.98592	42.26107	74.99828	75.9377	60.68998	0.060659	39.24936	17.1398	22.10956	31.70757	2
1969.6	1970.517	1326.017	75.17133	46.76831	75.14661	75.13425	59.71604	0.340429	39.94353	22.61244	17.3311	31.62364	2
1969.605	1970.522	1326.022	78.50873	56.04252	78.26151	75.72756	56.12559	1.393763	42.48064	15.34144	27.1392	31.48862	2
1969.61	1970.526	1326.026	76.35796	46.95165	75.97478	74.6769	61.35804	0	38.64196	26.00374	12.63821	32.12799	2
1969.615	1970.531	1326.031	74.28136	81.11498	74.60274	71.93282	49.54064	3.089733	47.36963	19.44522	27.92441	29.90279	2
1969.62	1970.536	1326.036	73.10709	60.27474	72.30364	69.25054	64.38171	0	35.61829	18.26008	17.35821	31.798	2
1969.625	1970.54	1326.04	74.77579	49.90046	74.82523	75.15897	58.74718	0.593563	40.65926	26.52281	14.13644	31.30362	2
1969.63	1970.545	1326.045	78.03902	49.38098	78.38512	79.48523	53.57163	2.165269	44.26311	15.07923	29.18388	30.5373	2
1969.635	1970.55	1326.05	76.01186	118.8994	78.12555	76.29616	24.91438	10.05948	65.02613	41.8045	23.22164	28.42805	2
1969.64	1970.554	1326.054	74.23192	97.96746	74.49149	71.50019	45.9868	4.095636	49.91756	30.45173	19.46583	29.26791	2
1969.645	1970.559	1326.059	77.27266	54.63687	77.17377	74.24428	56.4534	1.284148	42.26245	13.54528	28.71717	31.5717	2
1969.65	1970.564	1326.064	79.0526	54.08684	78.81775	79.27509	56.00271	1.445618	42.55167	28.70065	13.85102	30.98441	2
1969.655	1970.569	1326.069	81.46294	55.40081	81.37642	79.18857	52.31767	2.673235	45.0091	17.63525	27.37385	31.02239	2
1969.66	1970.573	1326.073	81.61127	49.83934	81.51239	79.73244	53.62287	2.316029	44.0611	17.49677	26.56432	31.24088	2
1969.665	1970.578	1326.078	81.48766	66.81405	82.11806	84.91159	43.97677	5.414187	50.60904	30.18743	20.42161	28.95966	2
1969.67	1970.583	1326.083	80.01674	61.81789	79.64592	82.00682	54.29854	1.91775	43.78371	31.72303	12.06068	30.27872	8
1969.675	1970.587	1326.087	78.00194	34.56057	77.91541	77.42098	60.54513	0.164725	39.29015	27.4884	11.80175	32.26857	8
1969.68	1970.592	1326.092	81.72252	42.03189	82.01918	82.19223	52.34447	2.913586	44.74194	26.74143	18.00051	30.82978	8
1969.685	1970.597	1326.097	83.8362	38.19692	84.16994	84.28119	51.04056	3.66938	45.29006	32.81912	12.47094	30.80014	8
1969.69	1970.601	1326.101	81.74724	41.84855	81.67308	81.1292	55.23997	1.891391	42.86864	27.62774	15.24091	31.40906	8
1969.695	1970.606	1326.106	81.4135	38.74696	81.20337	81.61127	57.35134	1.201984	41.44667	13.70303	27.74364	31.62624	8
1969.7	1970.611	1326.111	83.144	51.50473	83.66315	85.25769	47.01996	4.813865	48.16618	16.13984	32.02634	29.78755	8
1969.705	1970.615	1326.115	82.42708	60.76366	83.27997	86.32071	42.85238	6.08731	51.06031	18.76834	32.29198	28.94744	8
1969.71	1970.62	1326.12	82.32819	62.42905	82.76082	81.98209	45.79738	4.928575	49.27404	17.07118	32.20286	29.89235	8
1969.715	1970.625	1326.125	85.41838	82.07754	86.23419	87.5197	35.22981	9.009951	55.76024	36.69723	19.06301	28.56785	8
1969.72	1970.629	1326.129	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1970	1970.892	1326.392	117.4203	37.53993	117.1607	117.1607	24.90036	33.59854	41.5011	28.37524	13.12586	26.52179	3
1970.005	1970.897	1326.397	113.4278	27.91431	114.5403	117.3585	20.26956	44.56824	35.1622	10.30514	24.85706	25.08732	3
1970.01	1970.901	1326.401	112.1423	31.76456	112.5625	115.0965	25.88503	32.68107	41.4339	13.62608	27.80783	26.45803	3
1970.015	1970.906	1326.406	110.968	39.66368	112.7356	113.7492	14.61204	47.79551	37.59245	26.34754	11.24491	25.59555	3
1970.02	1970.911	1326.411	110.7084	30.90895	110.1522	111.9816	34.97908	18.63181	46.3891	23.3223	23.06681	28.41026	3
1970.025	1970.916	1326.416	109.8926	24.43075	109.9421	110.6466	32.60336	23.89467	43.50197	30.55158	12.95039	27.97651	3

1970.03	1970.92	1326.42	108.57	18.54842	108.2857	109.015	37.83016	18.09286	44.07698	12.44627	31.63071	28.91163	3
1970.035	1970.925	1326.425	108.5947	19.95407	108.57	109.0274	35.45554	20.91514	43.62932	15.82883	27.80049	28.51376	3
1970.04	1970.93	1326.43	111.7344	30.03806	111.3759	110.3376	32.71324	22.2327	45.05406	17.85624	27.19782	28.42146	3
1970.045	1970.934	1326.434	116.0483	84.10962	115.319	115.4426	18.53301	27.18776	54.27923	26.10419	28.17504	27.54077	3
1970.05	1970.939	1326.439	121.178	66.87517	121.5982	122.9332	9.075422	57.06002	33.86456	24.18003	9.684532	23.95401	3
1970.055	1970.944	1326.444	121.7095	55.07996	121.5859	121.9196	15.65588	46.84269	37.50143	15.53386	21.96757	24.79949	3
1970.06	1970.948	1326.448	116.4562	70.96988	115.4179	113.5638	23.73245	22.32299	53.94457	39.33267	14.6119	28.28984	3
1970.065	1970.953	1326.453	112.2659	71.53519	111.6973	109.1263	23.81047	23.21073	52.9788	25.92588	27.05293	28.42551	3
1970.07	1970.958	1326.458	114.0582	81.39	113.675	111.3512	18.33975	28.84025	52.82	35.14273	17.67727	27.88628	3
1970.075	1970.962	1326.462	112.2164	134.117	111.3883	102.402	10.72286	24.22455	65.05258	60.08852	4.964065	30.25103	3
1970.08	1970.967	1326.467	107.7542	84.46103	106.0114	100.9558	33.93374	7.627818	58.43844	32.08308	26.35537	30.55885	3
1970.085	1970.972	1326.472	106.2586	55.07996	106.889	103.2055	24.02719	26.44278	49.53004	22.05949	27.47055	28.47722	3
1970.09	1970.976	1326.476	104.8371	54.74383	105.3562	100.6592	26.27846	23.31882	50.40273	36.05586	14.34687	28.96584	3
1970.095	1970.981	1326.481	101.9323	35.44674	102.1177	97.32176	36.20722	15.73336	48.05942	25.96789	22.09153	30.01638	3
1970.1	1970.986	1326.486	104.3056	41.81799	104.5157	102.1177	32.29039	19.06308	48.64653	28.42419	20.22234	29.0664	3
1970.105	1970.991	1326.491	108.3475	38.70112	109.0645	109.2004	25.39845	29.64533	44.95622	18.48621	26.47002	27.39804	3
1970.11	1970.995	1326.495	104.2685	52.25339	104.7258	101.1907	27.88323	21.84238	50.27439	33.24534	17.02905	28.9035	3
1970.115	1971	1326.5	102.7852	50.05324	103.0324	101.2401	31.40881	18.13823	50.45295	31.05326	19.39969	28.98445	3
1970.12	1971.005	1326.505	104.8371	42.42914	104.7506	104.664	33.9526	17.17537	48.87203	21.77856	27.09347	28.86842	3
1970.125	1971.009	1326.509	106.8024	47.08916	106.308	106.0732	34.178	15.94557	49.87643	26.21537	23.66106	29.00149	3
1970.13	1971.014	1326.514	105.7394	58.99132	106.172	107.2598	25.09099	24.0761	50.83291	26.87893	23.95398	27.80464	3
1970.135	1971.019	1326.519	106.8766	88.57102	106.9879	108.4835	19.37717	24.58649	56.03633	36.02114	20.01519	27.75501	3
1970.14	1971.023	1326.523	105.9001	64.96532	106.0608	106.9384	25.60495	22.18066	52.2144	35.8956	16.3188	27.99255	3
1970.145	1971.028	1326.528	101.7593	45.45433	101.784	100.6221	35.18994	15.02342	49.78664	31.60145	18.18519	29.29439	3
1970.15	1971.033	1326.533	102.2043	53.93405	102.7358	103.9966	28.80084	19.95344	51.24573	18.01568	33.23004	28.20976	3
1970.155	1971.037	1326.537	103.8111	36.79127	103.5145	104.3303	37.88935	13.96371	48.14693	26.54471	21.60223	29.23593	3
1970.16	1971.042	1326.542	103.6752	62.39849	104.0089	105.418	26.93192	20.72587	52.34221	27.66069	24.68152	28.05616	5
1970.165	1971.047	1326.547	102.1672	61.64983	101.9694	99.05226	32.61968	14.84595	52.53437	26.02589	26.50848	29.44176	5
1970.17	1971.051	1326.551	101.7098	57.0662	101.8087	98.2859	31.85058	16.30997	51.83945	25.53524	26.30421	29.43315	5
1970.175	1971.056	1326.556	101.1165	71.77965	100.9064	99.76919	31.23067	14.48536	54.28398	36.55823	17.72575	29.0353	5
1970.18	1971.061	1326.561	100.8446	63.94164	101.3143	101.8087	28.10888	18.58069	53.31043	26.55889	26.75153	28.41891	5
1970.185	1971.066	1326.566	101.9447	56.21059	102.3897	104.491	29.15929	19.12792	51.71278	37.58453	14.12826	28.11746	5
1970.19	1971.07	1326.57	101.5491	65.59175	101.7716	102.9459	28.97727	17.63892	53.38381	24.58845	28.79536	28.36147	5
1970.195	1971.075	1326.575	96.11041	88.18905	94.14505	87.54442	45.46818	2.361226	52.17059	18.82406	33.34653	31.4664	5
1970.2	1971.08	1326.58	95.80139	109.6863	94.04617	87.93997	38.92163	4.802033	56.27634	27.18904	29.0873	30.43458	5
1970.205	1971.084	1326.584	94.04617	75.76741	92.20442	90.43683	49.41537	1.658924	48.92571	17.41061	31.5151	31.06938	5
1970.21	1971.089	1326.589	97.82855	68.67806	97.3712	94.29338	36.92208	10.11601	52.96191	35.56579	17.39611	29.88514	5
1970.215	1971.094	1326.594	100.5974	58.39545	99.91752	98.53311	38.5875	9.905648	51.50686	23.01834	28.48851	29.84603	5
1970.22	1971.098	1326.598	105.0101	77.03555	104.8865	104.219	25.70603	19.38237	54.91161	30.68185	24.22976	28.4985	9
1970.225	1971.103	1326.603	103.0942	77.76893	102.5133	101.7345	30.83563	13.8321	55.33227	30.80604	24.52623	29.01071	9
1970.23	1971.108	1326.608	107.8284	109.9307	107.4946	105.6776	16.78113	22.86635	60.35252	47.38487	12.96765	28.61907	9
1970.235	1971.112	1326.612	107.2103	129.6862	106.3204	104.4415	16.87971	18.21604	64.90425	51.73861	13.16564	29.01175	9
1970.24	1971.117	1326.617	100.0288	83.19289	99.63322	99.39836	30.90632	13.07611	56.01757	21.50756	34.51001	28.87941	9
1970.245	1971.122	1326.622	99.39836	69.30449	99.27476	100.004	32.73977	13.43334	53.82689	30.98783	22.83906	28.79983	9
1970.25	1971.127	1326.627	100.9435	79.00651	100.585	100.1524	30.79052	13.7769	55.43258	40.46969	14.96289	28.90505	9
1970.255	1971.131	1326.631	100.9311	92.16153	100.4119	99.05226	28.86372	13.53278	57.6035	32.77609	24.82741	28.99186	9
1970.26	1971.136	1326.636	99.3242	86.03474	98.95338	98.18701	30.6752	12.89249	56.43231	31.33993	25.09239	28.95208	9
1970.265	1971.141	1326.641	98.60728	83.20817	98.01396	97.60606	33.74312	10.79048	55.4664	25.7061	29.7603	29.11311	9
1970.27	1971.145	1326.645	97.33412	72.75749	97.14871	97.40829	34.28223	11.65768	54.06009	36.28678	17.77332	28.99677	9
1970.275	1971.15	1326.65	96.679	74.56039	96.40707	95.93736	35.11921	10.81059	54.0702	28.38706	25.68314	29.18875	9
1970.28	1971.155	1326.655	95.2328	91.47398	94.26866	93.09439	37.72118	7.388686	54.89013	28.32883	26.5613	29.44771	9
1970.285	1971.159	1326.659	94.65184	71.12266	94.04617	93.35397	40.40261	7.5482	52.04919	17.98692	34.06227	29.69814	9
1970.29	1971.164	1326.664	93.34161	72.98667	93.02023	94.77545	38.95363	8.348975	52.69739	19.11765	33.57974	29.0334	9
1970.295	1971.169	1326.669	92.42691	97.4327	91.57402	92.43927	37.99843	7.080687	54.92089	26.47346	28.44742	28.90083	9
1970.3	1971.173	1326.673	90.98071	73.49087	90.21434	90.47392	44.45229	5.231969	50.31574	28.36242	21.95332	29.79112	9
1970.305	1971.178	1326.678	93.9102	83.22345	93.13147	92.00665	39.49767	7.133938	53.36839	36.40573	16.96266	29.58233	9
1970.31	1971.183	1326.683	94.91142	76.40912	94.23158	95.20808	39.45925	7.666095	52.87465	25.60546	27.26919	29.2747	2
1970.315	1971.187	1326.687	93.2798	52.5284	92.61232	92.55052	46.64367	5.289074	48.06725	17.13056	30.93669	30.42869	2
1970.32	1971.192	1326.692	93.39105	66.40152	91.84596	90.11546	49.98552	2.214598	47.79988	17.82293	29.97694	31.1687	2
1970.325	1971.197	1326.697	93.94728	104.4609	93.10675	92.3033	34.80306	8.286395	56.91055	38.53022	18.38033	29.00364	2
1970.33	1971.202	1326.702	90.52336	74.01035	90.86946	89.27493	36.12573	9.749663	54.12461	37.04296	17.08165	29.33665	2
1970.335	1971.206	1326.706	90.67169	74.8354	90.73349	89.38617	37.9929	8.67306	53.33404	26.03071	27.30333	29.42205	2
1970.34	1971.211	1326.711	89.11424	71.73381	89.5345	90.62225	37.39827	9.027154	53.57458	32.81922	20.75536	28.91844	2
1970.345	1971.216	1326.716	87.1736	102.1844	87.50734	86.01169	32.48518	9.639481	57.87534	25.53069	32.34465	28.7724	2
1970.35	1971.22	1326.72	83.78676	104.3387	84.73854	72.95876	30.28995	10.0444	59.66566	37.26399	22.40167	30.52489	2
1970.355	1971.225	1326.725	82.98331	70.32817	82.67429	76.71642	49.03083	3.587561	47.38161	26.06795	21.31367	31.10586	2
1970.36	1971.23	1326.73	82.55069	63.86525	82.56305	78.68178	48.50218	3.913132	47.58469	24.3646	23.22009	30.74283	2
1970.365	1971.234	1326.734	83.60135	64.96532	83.8362	81.80904	45.54503	5.069163	49.3858	27.21772	22.16808	30.1009	2
1970.37	1971.239	1326.739	83.23053	78.79261	84.13286	82.14278	37.36702	7.865743	54.76724	28.4467	26.32054	29.2567	2
1970.375	1971.244	1326.744	82.00682	93.15465	82.83498	76.91419	35.592	7.994626	56.41338	38.39909	18.01429	29.65355	2
1970.38	1971.248	1326.748	82.15514	55.14107	82.29111	79.94257	50.01938	3.52167	46.45896	19.67274	26.78622	30.77318	2
1970.385	1971.253	1326.753	86.33307	38.62473	86.38251	85.66559	50.84321	3.919812	45.23698	28.58354	16.65344	31.00716	2
1970.39	1971.258	1326.758	83.55191	35.55369	83.76204	84.31827	52.89973	2.987615	44.11266	15.03861	29.07405	31.01515	2

1970.395	1971.262	1326.762	84.57785	42.56665	84.34299	86.02405	53.70737	2.51186	43.78077	24.72672	19.05405	30.87278	2
1970.4	1971.267	1326.767	84.78798	44.88902	84.42952	86.37015	53.90999	2.361539	43.72847	16.43184	27.29663	30.83327	2
1970.405	1971.272	1326.772	83.03276	85.94307	83.18108	89.93004	41.66209	5.986984	52.35092	32.21187	20.13906	27.78557	2
1970.41	1971.277	1326.777	80.59769	53.23123	80.95615	78.7065	50.19009	3.390066	46.41984	27.89418	18.52566	30.74127	2
1970.415	1971.281	1326.781	78.31096	60.015	77.21085	76.08603	61.9561	0	38.0439	20.24463	17.79926	31.7615	2
1970.42	1971.286	1326.786	80.14035	59.12883	79.29982	77.65584	58.47581	0.621786	40.9024	22.9145	17.98791	31.75446	2
1970.425	1971.291	1326.791	78.44692	54.7591	78.23679	77.85361	56.20565	1.37483	42.41952	30.80788	11.61163	31.1188	2
1970.43	1971.295	1326.795	77.94013	69.47256	77.26029	75.28258	56.75148	1.187332	42.06119	26.18976	15.87143	31.18132	2
1970.435	1971.3	1326.8	79.49759	72.45192	79.25037	72.42725	51.24477	2.785789	45.96944	31.16031	14.80913	31.31642	2
1970.44	1971.305	1326.805	78.80539	73.23113	78.91663	70.9934	48.91495	3.481218	47.60383	33.49053	14.11331	31.18946	2
1970.445	1971.309	1326.809	78.75594	63.91109	77.30974	73.18125	63.28614	0	36.71386	18.77121	17.94265	31.95665	2
1970.45	1971.314	1326.814	76.70406	52.14643	75.29494	73.50263	67.73353	0	32.26647	5.634678	26.63179	31.17996	2
1970.455	1971.319	1326.819	76.23435	33.32299	76.16019	76.59282	62.375	0	37.625	11.87048	25.75452	31.83422	2
1970.46	1971.323	1326.823	73.24306	38.07469	73.14417	72.95876	64.16868	0	35.83132	12.70005	23.13127	31.3822	2
1970.465	1971.328	1326.828	74.54093	38.74696	74.39261	74.6769	63.19513	0	36.80487	20.21741	16.58747	31.52075	2
1970.47	1971.333	1326.833	78.28624	61.64983	77.94013	76.59282	55.73968	1.486069	42.77425	13.51519	29.25906	31.07997	2
1970.475	1971.338	1326.838	79.10204	65.14867	79.50995	80.25159	48.29889	3.753444	47.94767	26.07959	21.86808	29.68697	2
1970.48	1971.342	1326.842	78.32332	59.26634	78.2986	77.87833	53.79168	2.068866	44.13945	22.50389	21.63556	30.66608	2
1970.485	1971.347	1326.847	76.07366	75.29377	75.25786	73.71276	58.11365	0.909762	40.97659	27.21474	13.76185	31.08095	2
1970.49	1971.352	1326.852	75.67812	58.47184	75.29494	71.57436	59.19561	0.547035	40.25736	29.26994	10.98742	31.9937	2
1970.495	1971.356	1326.856	72.67446	46.9211	72.58794	70.69675	62.45516	0	37.54484	13.90023	23.64461	31.81001	2
1970.5	1971.361	1326.861	71.66088	55.44665	70.78327	67.71781	67.45539	0	32.54461	23.76232	8.78229	31.51727	2
1970.505	1971.366	1326.866	74.72634	39.00669	74.42969	73.78693	64.11124	0	35.88876	11.22183	24.66694	31.57652	2
1970.51	1971.37	1326.87	76.54337	40.97766	76.24671	75.43091	61.9626	0	38.0374	14.24878	23.78861	32.0324	2
1970.515	1971.375	1326.875	76.976	71.94772	77.73	80.22687	45.9272	4.238181	49.83462	19.50592	30.3287	28.9086	2
1970.52	1971.38	1326.88	76.67934	119.1744	80.00438	79.01552	14.84577	13.36482	71.78941	48.37644	23.41297	29.14799	2
1970.525	1971.384	1326.884	77.55695	201.0227	75.023	66.98853	39.63821	6.185509	54.17628	31.40336	22.77292	27.86248	2
1970.53	1971.389	1326.889	74.55329	192.1916	70.26412	66.39521	58.14169	2.677861	39.18045	30.55204	8.628401	28.77841	2
1970.535	1971.394	1326.894	72.06879	103.2234	70.22704	66.12328	62.99022	0.482062	36.52772	20.6895	15.83822	31.49655	2
1970.54	1971.398	1326.898	72.03171	55.27858	71.57436	65.88842	63.89785	0	36.10215	19.34716	16.75499	32.29428	2
1970.545	1971.403	1326.903	74.68926	59.38857	73.95998	72.2542	62.56579	0	37.43421	7.276153	30.15806	31.79548	2
1970.55	1971.408	1326.908	76.3456	112.1309	77.39626	79.27509	34.48374	7.369375	58.14688	30.2699	27.87698	27.65372	2
1970.555	1971.413	1326.913	74.83759	191.3666	78.71886	65.18386	0	18.35537	81.64463	81.64463	0	-9999	2
1970.56	1971.417	1326.917	72.40253	236.5306	72.21712	56.45718	17.5862	12.20525	70.20855	48.62002	21.58853	29.00486	2
1970.565	1971.422	1326.922	68.86736	249.2425	59.51028	57.77978	88.84266	1.907828	9.249516	9.249516	0	34.00625	2
1970.57	1971.427	1326.927	65.28275	165.576	60.12832	56.59315	79.81727	0.912188	19.27054	12.81365	6.456887	33.21783	2
1970.575	1971.431	1326.931	60.75872	53.26178	59.0653	57.47076	84.33663	0	15.66337	14.76675	0.896612	32.09274	2
1970.58	1971.436	1326.936	60.35081	21.43611	59.70806	57.91575	84.27109	0	15.72891	6.083475	9.645439	31.21091	2
1970.585	1971.441	1326.941	63.46572	45.17932	62.48922	61.61161	78.246	0	21.754	10.56232	11.19168	31.00092	2
1970.59	1971.445	1326.945	64.94901	36.97462	63.34211	61.25315	83.75249	0	16.24751	16.24751	0	31.67976	2
1970.595	1971.45	1326.95	67.14922	39.08309	65.31983	63.41628	82.94237	0	17.05763	5.286815	11.77081	31.54343	2
1970.6	1971.455	1326.955	72.13059	52.95621	71.45075	70.10343	66.09322	0	33.90678	23.31354	10.59325	31.30422	2
1970.605	1971.459	1326.959	73.73749	61.14563	74.02178	73.9847	55.16097	1.522198	43.31683	26.12337	17.19346	30.50655	2
1970.61	1971.464	1326.964	71.43839	109.1515	72.6621	66.82784	38.37824	5.770234	55.85152	27.89852	27.953	29.0013	2
1970.615	1971.469	1326.969	68.90444	155.1253	66.28397	57.24827	59.37627	2.761476	37.86226	20.70789	17.15436	30.25732	2
1970.62	1971.473	1326.973	67.40879	127.2416	63.61405	59.28779	76.60072	0	23.39928	9.730319	13.66896	33.01018	2
1970.625	1971.478	1326.978	67.98975	78.50231	65.91314	61.00593	74.54555	0	25.45445	19.7516	5.702853	32.07456	2
1970.63	1971.483	1326.983	71.78449	40.77903	71.03049	69.5472	69.93328	0	30.06672	20.45493	9.611792	31.06606	2
1970.635	1971.488	1326.988	67.42115	34.56057	67.28518	66.70423	70.66263	0	29.33737	11.23735	18.10002	30.60192	2
1970.64	1971.492	1326.992	66.86492	57.20371	68.2864	67.8785	53.62448	1.229578	45.14595	22.09334	23.05261	30.11065	2
1970.645	1971.497	1326.997	65.50524	62.7499	65.1715	58.34838	67.13619	0	32.86381	10.71454	22.14928	32.02168	2
1970.65	1971.502	1327.002	68.52126	73.94924	68.41001	67.86614	59.92689	0.587115	39.486	13.76517	25.72083	30.73249	2
1970.655	1971.506	1327.006	71.46311	122.7802	70.62258	65.83898	51.05524	3.288293	45.65647	29.07403	16.58244	29.34307	2
1970.66	1971.511	1327.011	74.57802	119.8161	74.6151	64.83776	42.10534	5.23778	52.65688	27.8598	24.79708	29.8017	2
1970.665	1971.516	1327.016	77.94013	102.9789	77.37154	75.88825	47.78078	3.692788	48.52643	20.11835	28.40807	29.25356	2
1970.67	1971.52	1327.02	79.23801	112.849	79.41106	84.50368	38.45044	6.448548	55.10102	30.16922	24.93179	27.26727	2
1970.675	1971.525	1327.025	74.39261	166.2636	73.49027	59.57209	38.31611	6.584731	55.09916	32.44418	22.65498	29.39717	2
1970.68	1971.53	1327.03	75.43091	123.3913	73.65096	62.97129	54.53744	2.233227	43.22933	31.24424	11.98509	31.1449	2
1970.685	1971.534	1327.034	74.81287	117.0812	73.16889	64.02195	55.57933	1.990679	42.42999	24.20738	18.2226	31.0974	2
1970.69	1971.539	1327.039	74.77579	68.09747	74.07123	72.50141	60.18704	0.390217	39.42274	18.01147	21.41128	31.50577	2
1970.695	1971.544	1327.044	76.79059	65.1945	77.96486	81.28989	44.475	4.655605	50.86939	34.39903	16.47036	28.75856	2
1970.7	1971.549	1327.049	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1971	1971.83	1327.33	113.1435	42.93334	111.5737	110.7455	37.68416	9.98828	52.32756	20.14324	32.18432	29.97733	2
1971.005	1971.835	1327.335	113.6008	31.734	112.8963	112.2288	33.26795	20.57412	46.15793	25.87267	20.28527	28.50549	2
1971.01	1971.839	1327.339	114.0829	27.76152	113.6997	113.4525	31.2951	25.2591	43.4458	11.52042	31.92539	27.80248	2
1971.015	1971.844	1327.344	115.2325	25.14885	115.0594	114.2312	29.24125	29.96303	40.79572	11.63851	29.1572	27.25556	2
1971.02	1971.849	1327.349	114.1447	21.65001	114.3054	114.5773	28.50221	32.41728	39.08051	22.45679	16.62371	26.81113	2
1971.025	1971.853	1327.353	116.3696	30.84783	116.073	113.8728	27.77384	30.58284	41.64332	26.83771	14.80561	27.35078	2
1971.03	1971.858	1327.358	117.5686	33.64385	117.4821	117.3214	24.36561	36.43954	39.19485	21.92929	17.26556	26.18736	2
1971.035	1971.863	1327.363	114.7009	73.00195	114.6391	117.581	17.28763	33.8133	48.89907	30.92175	17.97732	26.3661	2
1971.04	1971.867	1327.367	110.7208	70.7407	109.6578	107.1856	29.25605	15.66877	55.07519	23.37667	31.69851	29.2204	2
1971.045	1971.872	1327.372	105.2079	30.63393	103.6381	102.2413	47.96136	4.215737	47.8229	26.09174	21.73116	31.60424	2
1971.05	1971.877	1327.377	104.6022	14.36204	103.8359	102.6987	46.22966	9.313624	44.45671	20.76908	23.68763	30.93438	2

1971.055	1971.881	1327.381	105.4304	18.71649	104.9483	104.3674	42.21067	12.76133	45.028	30.9527	14.0753	30.05332	2
1971.06	1971.886	1327.386	105.999	33.90359	105.4922	103.3785	38.20388	14.12697	47.66915	31.36365	16.3055	29.80237	2
1971.065	1971.891	1327.391	105.5293	25.63777	104.9731	102.9459	41.01952	12.67611	46.30437	28.69806	17.60631	30.18518	2
1971.07	1971.896	1327.396	102.8223	15.06487	103.1066	104.0336	39.5545	16.11354	44.33196	21.14505	23.18691	29.25166	2
1971.075	1971.9	1327.4	101.7593	16.8372	101.3143	99.6085	45.75552	9.634271	44.61021	30.13528	14.47493	30.88918	2
1971.08	1971.905	1327.405	101.8211	18.70121	100.9929	100.3749	48.21723	7.041543	44.74122	26.94862	17.7926	31.20502	2
1971.085	1971.91	1327.41	107.5812	27.51706	107.2845	103.5516	36.66529	17.37867	45.95604	28.3496	17.60644	29.70147	2
1971.09	1971.914	1327.414	109.3488	43.25419	110.214	112.5625	22.22594	33.42871	44.34535	27.62566	16.71969	26.59401	2
1971.095	1971.919	1327.419	106.9755	55.2633	107.3587	106.4316	25.23916	25.12835	49.63249	18.1055	31.52699	28.04696	2
1971.1	1971.924	1327.424	104.5528	36.68432	103.3291	101.8952	44.4176	7.057854	48.52455	30.49601	18.02854	30.86106	2
1971.105	1971.928	1327.428	102.0806	23.46819	102.0806	102.0065	40.40651	13.67562	45.91787	30.0406	15.87727	29.67068	2
1971.11	1971.933	1327.433	100.1524	22.50563	99.92988	99.42309	44.13778	10.24522	45.617	25.8182	19.7988	30.37136	2
1971.115	1971.938	1327.438	102.0188	30.32835	101.1659	98.84213	45.41311	7.784681	46.80221	15.90485	30.89736	31.03751	2
1971.12	1971.942	1327.442	106.2957	39.7248	105.2574	103.428	40.64144	10.04388	49.31468	23.93855	25.37613	30.31077	2
1971.125	1971.947	1327.447	109.2499	54.91189	109.2128	107.0867	26.48883	24.05926	49.45191	25.60674	23.84516	28.31155	2
1971.13	1971.952	1327.452	109.5712	57.98292	108.6318	105.7765	32.44306	15.04476	52.51219	27.72737	24.78482	29.46736	2
1971.135	1971.956	1327.456	108.2857	72.22274	107.0867	106.4687	32.19141	12.27835	55.53025	28.89749	26.63275	29.26861	2
1971.14	1971.961	1327.461	104.7629	60.70254	104.3303	102.1672	32.28094	15.37312	52.34594	36.44655	15.89939	29.2647	2
1971.145	1971.966	1327.466	100.7704	70.1601	98.17465	94.91142	50.42957	0	49.57043	10.25689	39.31353	29.92988	2
1971.15	1971.971	1327.471	101.3761	35.58425	100.7951	100.3625	42.62501	9.619537	47.75545	15.68946	32.06599	30.19047	2
1971.155	1971.975	1327.475	104.4415	31.2298	103.6505	103.2796	42.48709	10.11915	47.39376	29.1025	18.29125	30.21168	2
1971.16	1971.98	1327.48	110.4241	32.71184	110.6837	110.4365	28.48182	27.69758	43.8206	28.15956	15.66105	27.597	2
1971.165	1971.985	1327.485	105.9619	48.1434	105.9248	106.4069	31.15173	19.30425	49.54403	17.6001	31.94393	28.42942	2
1971.17	1971.989	1327.489	106.9755	49.99213	106.8766	107.9644	30.25082	20.08482	49.66436	32.40462	17.25974	28.20474	2
1971.175	1971.994	1327.494	112.5749	127.3027	113.1311	102.2908	1.313031	41.75244	56.93453	56.93453	0	-9999	2
1971.18	1971.999	1327.499	108.8667	190.3276	102.3897	99.46017	43.9803	0	56.0197	23.95789	32.06181	-9999	2
1971.185	1972.003	1327.503	103.6999	18.854	103.3538	102.0436	42.7157	12.24609	45.0382	17.10486	27.93334	30.27084	2
1971.19	1972.008	1327.508	103.6505	34.255	104.0707	103.2796	33.09482	19.51682	47.38837	17.51178	29.87659	28.78891	2
1971.195	1972.013	1327.513	102.7358	70.81709	100.0164	98.22409	49.42041	0	50.57959	17.37265	33.20694	28.82984	2
1971.2	1972.017	1327.517	103.0077	22.97927	102.4391	103.2796	44.07854	10.15731	45.76416	26.49509	19.26907	30.16819	2
1971.205	1972.022	1327.522	111.0793	36.74544	111.3265	111.0422	26.99878	28.9366	44.06462	15.99577	28.06886	27.4258	2
1971.21	1972.027	1327.527	120.1273	42.44442	120.115	121.1656	19.30712	44.16733	36.52555	9.230437	27.29511	24.93222	2
1971.215	1972.031	1327.531	120.6217	45.97381	120.0161	117.9889	22.59632	34.47939	42.92428	20.01767	22.90661	26.59591	2
1971.22	1972.036	1327.536	120.7453	71.64214	119.4475	116.7528	21.63543	23.76935	54.59522	25.77077	28.82445	28.13052	2
1971.225	1972.041	1327.541	119.979	50.05324	119.7565	119.1755	19.23077	40.45236	40.31687	20.2431	20.07377	25.73396	2
1971.23	1972.046	1327.546	119.5464	93.15465	118.9901	117.9889	11.78473	36.47219	51.74308	40.37847	11.36461	26.92193	2
1971.235	1972.05	1327.55	114.429	54.86606	114.3548	113.9222	22.0225	31.91834	46.05916	24.17806	21.88111	27.01414	9
1971.24	1972.055	1327.555	117.0742	59.52608	116.2955	114.0335	23.92154	26.31997	49.75849	34.83713	14.92136	27.85043	9
1971.245	1972.06	1327.56	112.7603	67.11963	111.6726	108.9285	28.44758	17.15066	54.40176	39.57726	14.8245	29.0989	9
1971.25	1972.064	1327.564	113.8728	81.57334	113.675	112.748	17.02902	31.05428	51.9167	42.1689	9.747799	27.44975	9
1971.255	1972.069	1327.569	116.7776	70.17538	117.0248	118.1372	13.6663	42.55159	43.78211	32.85584	10.92627	25.78892	9
1971.26	1972.074	1327.574	107.9644	53.94933	107.3216	107.7295	32.59843	16.18829	51.21328	29.69101	21.52226	28.76212	9
1971.265	1972.078	1327.578	112.8221	107.532	112.6614	106.0608	11.42626	31.56492	57.00883	45.27551	11.73331	28.92874	9
1971.27	1972.083	1327.583	119.6823	81.05386	119.7441	122.6983	9.798248	47.042	43.15975	22.65479	20.50496	25.03221	9
1971.275	1972.088	1327.588	121.9073	129.35	121.3016	117.9889	1.2366	42.72133	56.04207	56.04207	0	-9999	9
1971.28	1972.092	1327.592	123.7366	211.7637	122.5624	119.6823	0	40.16643	59.83357	59.83357	0	-9999	9
1971.285	1972.097	1327.597	128.8293	306.1712	128.0382	126.1346	0	66.86602	33.13398	33.13398	0	-9999	9
1971.29	1972.102	1327.602	134.8242	266.7367	134.713	133.0196	0	100	0	0	0	-9999	9
1971.295	1972.107	1327.607	143.4644	216.3321	143.316	142.7845	0	100	0	0	0	-9999	9
1971.3	1972.111	1327.611	139.237	213.5361	138.0627	136.8267	0	79.93812	20.06188	20.06188	0	-9999	9
1971.305	1972.116	1327.616	136.1592	116.3784	136.1963	135.2939	0	100	0	0	0	-9999	9
1971.31	1972.121	1327.621	139.1258	132.4975	138.2729	135.6153	0	88.78001	11.21999	11.21999	0	-9999	9
1971.315	1972.125	1327.625	139.7314	205.4536	140.4236	140.0034	0	100	0	0	0	-9999	9
1971.32	1972.13	1327.63	132.1419	338.2872	131.7093	121.9691	0	90.61147	9.388527	9.388527	0	-9999	2
1971.325	1972.135	1327.635	116.0606	328.7074	111.549	99.27476	0	0	100	100	0	-9999	2
1971.33	1972.139	1327.639	107.0373	148.1429	104.1325	101.5244	28.18708	1.556761	70.25616	37.43762	32.81854	30.2181	2
1971.335	1972.144	1327.644	106.4563	39.12892	106.0114	105.0967	36.03961	15.50632	48.45408	22.53968	25.9144	29.28614	2
1971.34	1972.149	1327.649	108.0262	53.72015	107.6059	106.6912	30.87271	18.44111	50.68618	23.56844	27.11774	28.72864	2
1971.345	1972.153	1327.653	107.2474	62.42905	106.6665	106.1226	30.72693	16.62386	52.64921	23.15059	29.49861	28.80905	2
1971.35	1972.158	1327.658	107.2969	58.96077	106.4811	105.9743	33.34089	14.21507	52.44405	37.6481	14.79595	29.13222	2
1971.355	1972.163	1327.663	111.8951	72.80333	111.9198	115.0594	19.24654	30.03904	50.71442	39.77849	10.93593	26.77428	2
1971.36	1972.167	1327.667	113.1806	77.53975	112.4637	112.9704	22.6654	22.9593	54.3753	32.58758	21.78772	27.87344	2
1971.365	1972.172	1327.672	108.5206	88.41823	107.0126	102.9459	30.45092	10.54114	59.00794	37.83419	21.17375	29.97797	2
1971.37	1972.177	1327.677	101.5739	68.73918	99.90515	99.13879	42.84959	4.429651	52.72076	22.29297	30.42779	30.47308	2
1971.375	1972.182	1327.682	101.1041	43.34586	100.5479	99.39836	40.80529	10.11091	49.08379	30.61943	18.46436	30.05974	2
1971.38	1972.186	1327.686	103.9718	64.7667	103.1684	98.76797	34.89909	11.91256	53.18835	27.69212	25.49623	30.05695	2
1971.385	1972.191	1327.691	103.2178	70.51151	102.3897	98.61964	34.39412	11.53545	54.07043	35.45799	18.61244	29.90264	2
1971.39	1972.196	1327.696	102.8223	78.41064	101.8705	100.5603	33.80439	10.85184	55.34377	35.9034	19.44037	29.42705	2
1971.395	1972.2	1327.7	101.1289	84.75133	98.71852	95.35641	45.13178	0.511474	54.35675	30.42437	23.93238	31.34718	2
1971.4	1972.205	1327.705	96.62956	90.57254	96.29582	96.03625	31.76873	11.50702	56.72425	39.13192	17.59233	28.85721	2
1971.405	1972.21	1327.71	88.61981	68.92252	86.4814	82.57541	58.36318	0	41.63682	18.24774	23.38908	31.373	2
1971.41	1972.214	1327.714	89.15132	42.15412	88.01413	84.55313	56.59269	0.993461	42.41385	27.17044	15.2434	32.59185	2
1971.415	1972.219	1327.719	94.26866	37.73856	93.88548	92.83482	47.10977	6.201052	46.68918	24.19882	22.49037	30.79977	2

1971.42	1972.224	1327.724	99.49725	78.18145	99.27476	96.95094	31.26694	13.46433	55.26873	32.02569	23.24304	29.25633	2
1971.425	1972.228	1327.728	93.25508	129.7931	91.12904	84.76326	39.27224	3.877662	56.8501	31.05722	25.79288	30.13795	2
1971.43	1972.233	1327.733	85.01047	71.65742	83.21817	80.01674	58.33964	0	41.66036	11.58134	30.07902	31.97899	2
1971.435	1972.238	1327.738	85.22061	45.16404	83.56427	80.3752	63.50397	0	36.49603	24.1796	12.31644	31.60546	2
1971.44	1972.242	1327.742	90.35031	32.72712	89.78172	89.27493	53.36435	3.028068	43.60758	24.08017	19.52741	31.61575	2
1971.445	1972.247	1327.747	94.40463	39.77063	94.62712	94.57768	41.79893	9.524385	48.67669	30.87718	17.79951	29.86247	2
1971.45	1972.252	1327.752	90.67169	106.6152	88.68161	82.03154	46.20426	2.459665	51.33607	34.6309	16.70517	30.91197	2
1971.455	1972.257	1327.757	82.36528	67.51688	79.99202	78.17499	66.27763	0	33.72237	20.15884	13.56353	30.27194	2
1971.46	1972.261	1327.761	78.63234	34.56057	77.40862	74.97356	68.77836	0	31.22164	22.51939	8.702249	31.34571	2
1971.465	1972.266	1327.766	74.75107	27.4865	73.87345	72.74863	71.37878	0	28.62122	4.99841	23.62281	30.99565	2
1971.47	1972.271	1327.771	76.41976	30.26724	76.13547	75.25786	64.57244	0	35.42756	16.83794	18.58962	31.76823	2
1971.475	1972.275	1327.775	85.34421	113.2462	84.50368	82.39	40.59184	5.650833	53.75732	22.22803	31.52929	29.03561	9
1971.48	1972.28	1327.78	87.03763	101.3441	86.93875	86.55556	36.16648	7.959443	55.87408	21.24123	34.63285	28.70282	9
1971.485	1972.285	1327.785	81.71016	82.30672	80.79546	79.57175	51.99731	2.370636	45.63206	30.74619	14.88587	30.32885	9
1971.49	1972.289	1327.789	80.41228	67.40992	80.00438	80.93143	52.86876	2.316927	44.81432	18.08361	26.73071	30.24028	9
1971.495	1972.294	1327.794	84.20703	125.5915	83.26761	80.94379	39.41687	5.859609	54.72352	34.96219	19.76133	28.73602	9
1971.5	1972.299	1327.799	86.37015	141.7411	84.78798	81.10448	38.49995	5.484753	56.0153	25.49565	30.51964	28.84332	9
1971.505	1972.303	1327.803	92.45163	222.7644	90.41211	85.45546	16.84179	10.39466	72.76355	51.44304	21.32051	28.7587	9
1971.51	1972.308	1327.808	96.65428	224.8271	96.03625	96.64192	1.459693	18.98593	79.55438	79.55438	0	-9999	9
1971.515	1972.313	1327.813	94.56532	190.0526	94.42935	91.37625	8.060932	17.92321	74.01586	53.60075	20.41511	29.53718	9
1971.52	1972.318	1327.818	92.68649	193.7959	92.85954	94.16978	6.488687	18.46349	75.04783	65.14333	9.904501	-9999	9
1971.525	1972.322	1327.822	97.49481	210.9845	96.62956	95.61598	5.95222	17.12675	76.92103	76.04893	0.872098	-9999	9
1971.53	1972.327	1327.827	98.94102	226.4619	98.33534	98.33534	0	20.60428	79.39572	79.39572	0	-9999	9
1971.535	1972.332	1327.832	86.71625	164.4454	86.39488	82.64957	22.91595	11.30148	65.78257	34.3572	31.42538	28.45206	9
1971.54	1972.336	1327.836	82.0439	139.923	80.00438	76.55573	46.46454	3.440465	50.09499	17.27815	32.81685	29.08135	5
1971.545	1972.341	1327.841	83.98453	179.1588	80.12798	77.54459	49.26604	1.494804	49.23915	29.18273	20.05642	28.71415	5
1971.55	1972.346	1327.846	87.98941	126.3554	86.08586	85.31949	43.22427	3.675895	53.09984	31.26599	21.83385	29.01497	5
1971.555	1972.35	1327.85	95.56654	318.6693	90.70877	99.2624	12.60852	4.478326	82.91315	56.82095	26.0922	26.19584	5
1971.56	1972.355	1327.855	106.1968	555.3985	102.8841	117.3832	0	25.82204	74.17796	74.17796	0	-9999	5
1971.565	1972.36	1327.86	110.4489	632.0979	106.2462	130.0035	0	21.65829	78.34171	78.34171	0	-9999	5
1971.57	1972.364	1327.864	115.6404	531.2428	112.8963	123.131	0	29.25558	70.74442	70.74442	0	-9999	5
1971.575	1972.369	1327.869	119.1385	477.3851	113.4772	110.8444	0	0	100	100	0	-9999	5
1971.58	1972.374	1327.874	104.2809	732.9836	94.92378	90.15254	0	0.845911	99.15409	99.15409	0	-9999	5
1971.585	1972.378	1327.878	93.82367	490.5554	86.38251	86.72861	0	7.325572	92.67443	92.67443	0	-9999	5
1971.59	1972.383	1327.883	89.02771	442.9468	80.80782	75.75229	14.60551	5.832352	79.56214	65.10613	14.45601	25.37408	5
1971.595	1972.388	1327.888	79.72008	328.2796	73.45319	70.9934	35.78227	7.431983	56.78575	32.12929	24.65646	24.25604	5
1971.6	1972.393	1327.893	81.11684	169.8846	79.36162	77.82889	37.86341	6.057683	56.07891	37.40359	18.67531	27.52051	5
1971.605	1972.397	1327.897	85.88809	210.3275	84.61493	85.51726	19.95066	10.98896	69.06039	43.84056	25.21983	27.07015	5
1971.61	1972.402	1327.902	88.0883	265.4839	87.38373	88.89174	0.172025	17.30147	82.52651	82.52651	0	-9999	10
1971.615	1972.407	1327.907	91.4875	276.5763	91.53694	91.06723	0	22.71925	77.28075	77.28075	0	-9999	10
1971.62	1972.411	1327.911	90.84474	328.4018	90.62225	88.61981	0	24.66936	75.33064	75.33064	0	-9999	10
1971.625	1972.416	1327.916	90.70877	297.2026	91.19084	92.46399	0	25.52816	74.47184	74.47184	0	-9999	10
1971.63	1972.421	1327.921	93.31688	285.0254	94.16978	92.78537	0	28.45197	71.54803	71.54803	0	-9999	10
1971.635	1972.425	1327.925	93.31688	323.8335	94.03381	96.97566	0	30.38184	69.61816	69.61816	0	-9999	10
1971.64	1972.43	1327.93	90.94362	251.7635	92.04373	94.93614	0	25.40518	74.59482	74.59482	0	-9999	10
1971.645	1972.435	1327.935	86.29599	294.0704	86.92639	89.63339	0	23.17397	76.82603	76.82603	0	-9999	10
1971.65	1972.439	1327.939	84.45424	311.3049	84.66437	87.89052	0	21.99714	78.00286	78.00286	0	-9999	10
1971.655	1972.444	1327.944	84.56549	311.4271	85.07228	88.00177	0	23.00649	76.99351	76.99351	0	-9999	10
1971.66	1972.449	1327.949	91.8336	247.7147	91.59874	91.59874	0	19.69995	80.30005	80.30005	0	-9999	10
1971.665	1972.453	1327.953	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1972	1972.768	1328.268	127.3831	26.01974	127.6426	127.7539	14.4991	71.94925	13.55165	7.611966	5.939688	20.66106	3
1972.005	1972.773	1328.273	129.8305	32.68128	129.7316	129.163	13.41345	71.68227	14.90428	0	14.90428	20.48999	3
1972.01	1972.779	1328.279	131.9689	51.01581	131.4992	130.5474	9.88303	69.34644	20.77053	12.84951	7.921013	20.86646	3
1972.015	1972.784	1328.284	134.0455	41.64992	133.8477	134.4287	8.131595	86.79543	5.072975	2.746856	2.32612	17.71992	3
1972.02	1972.79	1328.29	134.441	55.95085	134.6141	136.394	1.381531	96.40826	2.210212	2.210212	0	-9999	3
1972.025	1972.796	1328.296	132.3397	58.31906	132.0307	133.069	6.529144	76.63081	16.84004	13.6221	3.217944	-9999	3
1972.03	1972.801	1328.301	132.7847	66.38625	131.7217	130.8441	10.01103	53.42274	36.56623	21.56085	15.00537	23.04314	3
1972.035	1972.807	1328.307	128.718	48.54065	128.5326	128.2236	11.26952	66.1009	22.62958	8.094295	14.53528	21.67435	3
1972.04	1972.812	1328.312	128.9652	43.23891	128.7675	128.3966	12.4209	66.26898	21.31012	17.93702	3.373106	21.49737	3
1972.045	1972.818	1328.318	127.5437	67.18074	126.456	124.5525	14.83203	39.71729	45.45068	37.5102	7.940486	25.59216	3
1972.05	1972.823	1328.323	125.3683	59.15939	125.2199	124.6637	11.49418	56.78623	31.7196	22.52095	9.19865	23.53511	3
1972.055	1972.829	1328.329	127.6674	82.91787	127.4449	126.6661	4.204228	63.79951	31.99626	31.99626	0	-9999	3
1972.06	1972.835	1328.335	123.3782	124.3539	121.7342	119.4475	9.139254	24.06671	66.79404	63.01544	3.7786	28.81846	3
1972.065	1972.84	1328.34	119.979	78.94539	119.9048	121.1903	11.08933	45.12608	43.78459	22.60832	21.17627	25.41326	3
1972.07	1972.846	1328.346	121.1285	81.6039	120.9802	122.1916	9.963157	46.68829	43.34855	34.45001	8.898544	25.24124	3
1972.075	1972.851	1328.351	122.859	97.32575	121.178	119.2497	16.44507	20.90673	62.6482	45.96173	16.68647	28.50777	3
1972.08	1972.857	1328.357	125.9987	142.8259	123.3287	117.0989	10.20923	5.604157	84.18662	61.79579	22.39083	31.76345	3
1972.085	1972.863	1328.363	122.0309	85.75972	120.3992	116.9506	19.62278	20.15282	60.2244	39.39467	20.82973	28.74658	3
1972.09	1972.868	1328.368	121.1903	71.58103	119.4722	117.3709	24.49788	16.71148	58.79063	33.25779	25.53284	28.83498	3
1972.095	1972.874	1328.374	119.4846	50.43521	118.644	117.9889	24.383	28.51634	47.10067	29.52114	17.57953	27.14311	3
1972.1	1972.879	1328.379	119.1879	48.63232	118.6811	118.0878	22.50574	33.64471	43.84955	13.88689	29.96266	26.53687	3
1972.105	1972.885	1328.385	118.2608	50.0838	118.5451	119.1755	16.87645	45.3603	37.76325	18.19767	19.56558	25.15471	3
1972.11	1972.891	1328.391	119.9419	58.38017	120.5723	121.1903	10.63987	56.84103	32.5191	27.57845	4.940654	24.05468	3

1972.115	1972.896	1328.396	120.3251	64.56807	120.2262	121.2151	14.44182	44.52668	41.03151	16.4203	24.61121	25.19649	3
1972.12	1972.902	1328.402	118.1867	61.03868	117.9147	119.843	18.6044	36.50435	44.89124	30.73616	14.15509	25.93541	3
1972.125	1972.907	1328.407	115.492	62.87213	114.9234	110.7455	22.93887	27.24406	49.81707	24.58746	25.22961	28.17084	3
1972.13	1972.913	1328.413	115.0718	62.78046	114.6021	111.4995	22.58133	27.98778	49.43089	28.55569	20.87519	27.91062	3
1972.135	1972.918	1328.418	115.2943	60.25946	115.2943	111.8951	19.34649	34.96692	45.68659	35.04712	10.63947	27.25025	3
1972.14	1972.924	1328.424	115.7763	66.85989	114.7998	110.9186	24.87354	22.0733	53.05316	29.05728	23.99588	28.68189	3
1972.145	1972.93	1328.43	116.518	56.14947	115.9741	113.8975	23.4303	28.79607	47.77363	21.85424	25.91939	27.54363	3
1972.15	1972.935	1328.435	115.7887	59.67887	115.8134	115.3066	18.84052	36.27245	44.88702	24.6293	20.25772	26.55576	3
1972.155	1972.941	1328.441	116.3078	64.27778	116.4438	116.4191	16.38781	39.36083	44.25136	32.89809	11.35327	26.20507	3
1972.16	1972.946	1328.446	116.1719	62.0318	116.0854	117.8529	18.78075	35.51124	45.70801	33.69225	12.01577	26.20683	3
1972.165	1972.952	1328.452	115.5786	57.70791	115.5909	115.3313	19.60661	35.53514	44.85825	24.05799	20.80026	26.57429	3
1972.17	1972.958	1328.458	117.1113	57.60095	116.963	118.2114	19.46773	36.11858	44.4137	23.77133	20.64237	26.13632	3
1972.175	1972.963	1328.463	116.9259	74.04091	117.1113	119.1632	13.07335	42.1615	44.76514	33.78463	10.98051	25.69725	3
1972.18	1972.969	1328.469	117.7911	73.99507	118.2361	118.0754	10.27671	48.52765	41.19565	38.92584	2.269808	25.52306	3
1972.185	1972.974	1328.474	116.9753	60.29002	117.4203	117.2225	14.34387	45.5428	40.11333	17.31571	22.79762	25.58011	3
1972.19	1972.98	1328.48	115.9741	44.76679	116.3944	117.581	19.21321	41.69678	39.09001	20.32292	18.76709	25.5577	3
1972.195	1972.985	1328.485	113.8975	56.11891	113.8851	114.6268	21.72932	31.89482	46.37586	21.45298	24.92289	26.8263	3
1972.2	1972.991	1328.491	114.293	96.76044	114.4661	115.0841	10.09323	37.95073	51.95604	43.41254	8.543498	26.93654	3
1972.205	1972.997	1328.497	113.7245	90.48086	114.0582	115.5415	10.89065	38.62387	50.48548	35.91169	14.57379	26.64778	3
1972.21	1973.002	1328.502	114.5773	65.17922	114.3919	112.8345	20.25241	31.32344	48.42415	36.98766	11.43649	27.33378	3
1972.215	1973.008	1328.508	115.2448	63.63607	115.3066	115.6404	18.09586	36.00246	45.90168	26.87629	19.02539	26.50416	3
1972.22	1973.013	1328.513	114.4908	76.39384	114.8122	116.4191	13.69045	39.07899	47.23056	38.57286	8.657699	26.26187	3
1972.225	1973.019	1328.519	114.6515	85.69861	114.4785	114.0211	15.12269	33.01186	51.86545	41.11444	10.75101	27.22461	3
1972.23	1973.025	1328.525	114.1076	76.47023	113.7121	112.4884	19.58064	28.41856	52.0008	28.13535	23.86545	27.65162	3
1972.235	1973.03	1328.53	113.3907	87.02786	112.8716	109.3117	18.64322	26.42302	54.93376	40.01817	14.91559	28.37299	3
1972.24	1973.036	1328.536	112.1176	80.5955	111.7344	109.2128	20.3174	25.88793	53.79467	39.15203	14.64264	28.203	3
1972.245	1973.041	1328.541	110.8691	68.17386	110.1522	108.5824	27.05848	19.51933	53.42219	27.31588	26.10632	28.62114	3
1972.25	1973.047	1328.547	109.2622	61.0234	108.5453	107.9149	30.26724	17.26739	52.46537	23.9591	28.50627	28.74678	3
1972.255	1973.052	1328.552	109.633	63.84997	109.3117	108.8296	26.17659	22.10399	51.71943	21.67358	30.04584	28.17479	3
1972.26	1973.058	1328.558	108.9285	78.28841	108.6689	110.041	22.85171	22.83416	54.31413	36.40086	17.91327	27.789	3
1972.265	1973.064	1328.564	107.6059	57.09676	107.2845	105.245	29.67585	19.16184	51.16231	32.3887	18.77361	28.82382	3
1972.27	1973.069	1328.569	107.0867	64.21666	106.1597	105.1461	33.12444	13.34521	53.53034	34.69313	18.83722	29.27157	3
1972.275	1973.075	1328.575	107.1362	62.84157	106.5181	106.5799	31.01684	16.18823	52.79493	38.35969	14.43524	28.73662	3
1972.28	1973.08	1328.58	105.6158	64.52224	105.1708	104.664	30.66772	16.36165	52.97064	25.62811	27.34253	28.80428	3
1972.285	1973.086	1328.586	107.1238	90.48086	106.172	102.3773	26.92598	14.92019	58.15383	26.35025	31.80358	29.42706	3
1972.29	1973.092	1328.592	104.6393	75.58406	104.4415	103.3538	26.97322	18.24487	54.78191	21.55528	33.22663	28.65797	3
1972.295	1973.097	1328.597	102.7976	51.56584	102.3773	101.339	36.20436	13.0471	50.74854	29.94804	20.8005	29.4474	3
1972.3	1973.103	1328.603	103.0077	59.2205	102.5504	102.6245	34.446	13.4621	52.09191	19.39894	32.69297	29.0801	3
1972.305	1973.108	1328.608	102.9088	72.95612	102.0683	101.1289	34.18262	11.38051	54.43687	30.34775	24.08912	29.35478	3
1972.31	1973.114	1328.614	104.6888	54.46881	103.9471	104.0584	36.25263	12.29672	51.45065	35.51963	15.93102	29.31739	3
1972.315	1973.119	1328.619	102.6245	68.80029	102.4267	101.8952	30.46851	15.7608	53.7707	39.095	14.6757	28.81898	3
1972.32	1973.125	1328.625	101.3266	104.3234	100.9435	99.37364	24.50289	15.62723	59.86988	41.28153	18.58836	28.8271	3
1972.325	1973.131	1328.631	103.8235	126.7221	104.627	95.93736	7.588908	29.23582	63.17527	54.64452	8.530754	-9999	3
1972.33	1973.136	1328.636	102.1424	130.5112	103.6134	89.1884	3.045546	32.53678	64.41768	64.41768	0	-9999	3
1972.335	1973.142	1328.642	101.7716	134.7282	102.4885	87.84108	8.209738	26.31056	65.4797	52.95459	12.52511	31.50014	3
1972.34	1973.147	1328.647	102.2908	136.5616	102.0065	91.62346	15.04787	19.3653	65.58683	54.65954	10.92729	30.51732	3
1972.345	1973.153	1328.653	101.648	116.5159	101.339	92.81009	20.68187	17.25808	62.06004	37.03546	25.02458	30.05914	3
1972.35	1973.159	1328.659	98.70616	74.02563	98.79269	98.18701	30.60556	14.52258	54.87186	29.79653	25.07533	28.85937	3
1972.355	1973.164	1328.664	97.0251	51.77974	96.49359	94.57768	42.32542	8.019815	49.65477	18.62393	31.03084	30.30094	3
1972.36	1973.17	1328.67	98.39715	79.83156	97.47009	96.22166	37.34006	8.404714	54.25522	31.72214	22.53308	29.60096	3
1972.365	1973.175	1328.675	98.68144	100.5954	97.47009	97.72967	34.25696	8.24524	57.4978	21.83265	35.66515	29.03488	3
1972.37	1973.181	1328.681	98.16229	98.76196	96.92622	93.34161	35.36987	7.734706	56.89543	28.71051	28.18492	29.81373	3
1972.375	1973.187	1328.687	95.46765	105.8819	93.34161	88.7805	43.0232	2.628233	54.34856	23.31726	31.0313	30.58499	3
1972.38	1973.192	1328.692	93.71243	95.73676	90.93126	92.08081	52.1703	0	47.8297	15.12882	32.70089	29.08072	3
1972.385	1973.198	1328.698	91.77179	102.6122	88.16246	84.47896	58.71013	0	41.28987	25.20516	16.08471	27.09347	3
1972.39	1973.203	1328.703	92.34039	115.5839	90.12782	84.20703	44.22297	2.418635	53.3584	22.54443	30.81397	30.59541	3
1972.395	1973.209	1328.709	90.33795	78.79261	88.9041	89.90532	48.93357	2.673353	48.39307	19.52497	28.8681	30.13481	3
1972.4	1973.214	1328.714	89.31201	81.58862	88.16246	82.99567	46.9975	3.658282	49.34421	32.22026	17.12395	30.9043	3
1972.405	1973.22	1328.72	90.73349	128.6625	89.90532	84.21939	31.80717	8.599897	59.59293	39.58053	20.0124	29.36973	3
1972.41	1973.226	1328.726	90.82002	144.476	88.16246	80.63477	42.07845	2.481319	55.44023	35.09309	20.34714	30.19972	3
1972.415	1973.231	1328.731	90.00421	126.9207	86.98819	80.3752	49.85546	0	50.14454	13.36862	36.77593	31.05086	3
1972.42	1973.237	1328.737	89.85588	103.2692	87.63095	84.67673	49.58467	1.236329	49.179	31.11587	18.06314	30.63789	3
1972.425	1973.242	1328.742	88.97827	105.7291	86.16002	82.0439	54.39497	0	45.60503	23.70109	21.90394	30.45001	3
1972.43	1973.248	1328.748	88.65689	85.88195	87.2354	83.35414	48.66873	2.764654	48.56661	31.17537	17.39124	30.78988	3
1972.435	1973.254	1328.754	89.58394	110.6947	87.13652	81.8214	49.7622	0.905841	49.33196	15.09045	34.24151	30.98066	3
1972.44	1973.259	1328.759	90.54808	152.5585	87.39609	80.30103	44.2045	1.201195	54.5943	27.38049	27.21381	30.20536	3
1972.445	1973.265	1328.765	90.1649	119.4036	88.94119	85.097	37.6364	6.187603	56.176	25.68878	30.48722	29.37829	3
1972.45	1973.27	1328.77	88.4344	85.13329	87.58151	85.96225	44.648	4.711573	50.64043	27.04103	23.59939	29.87061	3
1972.455	1973.276	1328.776	85.48018	94.17832	84.59021	85.54198	45.46437	4.248659	50.28697	27.13571	23.15126	29.1796	3
1972.46	1973.281	1328.781	86.64209	84.24713	84.89923	83.09456	53.40866	1.140987	45.45035	21.77782	23.67253	30.97088	3
1972.465	1973.287	1328.787	86.40724	104.5221	85.59143	82.62485	41.53352	5.471738	52.99474	19.66518	33.32956	29.44666	3
1972.47	1973.293	1328.793	88.96591	89.38079	89.00299	86.67917	36.23383	8.607528	55.15864	25.39828	29.76036	29.26858	3
1972.475	1973.298	1328.798	88.47148	119.7703	87.60623	83.93509	36.32753	7.017169	56.6553	26.69664	29.95866	29.15346	3

1972.48	1973.304	1328.804	84.0587	97.05073	82.41472	80.12798	51.92055	1.865579	46.21388	26.61017	19.60371	30.42492	3
1972.485	1973.309	1328.809	83.23053	88.92243	82.34056	75.6534	48.80597	3.267093	47.92693	20.19081	27.73612	30.90362	3
1972.49	1973.315	1328.815	85.4431	73.04779	85.36893	85.41838	44.28956	5.431645	50.2788	22.16134	28.11746	29.52961	3
1972.495	1973.321	1328.821	85.55435	138.7312	84.76326	83.32941	33.84797	7.591545	58.56048	33.38521	25.17527	28.21269	3
1972.5	1973.326	1328.826	82.42708	105.0263	80.7831	78.28624	51.49156	2.14425	46.36419	20.10449	26.2597	30.13688	3
1972.505	1973.332	1328.832	79.43578	51.15331	78.57053	78.06374	61.24567	0	38.75433	13.77885	24.97548	31.96019	3
1972.51	1973.337	1328.837	80.01674	57.12731	79.12677	76.56809	59.45708	0.339393	40.20353	17.98872	22.21481	32.11211	3
1972.515	1973.343	1328.843	78.38512	67.05851	76.7535	73.26778	64.30256	0	35.69744	21.21933	14.47812	31.60845	3
1972.52	1973.348	1328.848	77.58167	50.34354	76.72878	74.60274	63.05162	0	36.94838	9.705164	27.24321	31.92859	3
1972.525	1973.354	1328.854	78.57053	46.50857	78.18735	74.81287	59.4297	0.455308	40.11499	23.48559	16.6294	32.36941	3
1972.53	1973.36	1328.86	82.32819	52.23811	82.51361	81.36406	50.1795	3.533826	46.28667	14.78795	31.49872	30.60939	3
1972.535	1973.365	1328.865	85.22061	85.75972	84.56549	83.06984	45.92036	4.339587	49.74005	31.12576	18.61429	29.78795	3
1972.54	1973.371	1328.871	84.21939	97.11185	82.99567	79.13913	48.50087	3.107066	48.39207	15.84483	32.54724	30.27745	3
1972.545	1973.376	1328.876	82.01918	75.93548	80.7213	76.66698	56.22452	1.01041	42.76507	25.18872	17.57635	31.61835	3
1972.55	1973.382	1328.882	85.31949	78.96067	84.38008	82.14278	49.67806	3.019887	47.30206	17.73203	29.57003	30.48381	3
1972.555	1973.388	1328.888	88.05121	92.81851	87.4579	87.60623	41.129	6.036544	52.83446	29.87369	22.96077	29.08387	3
1972.56	1973.393	1328.893	89.43562	62.68878	89.08951	89.43562	45.23083	5.529745	49.23943	21.75483	27.48459	29.88069	3
1972.565	1973.399	1328.899	87.49498	69.09059	86.39488	84.8127	51.31051	2.450848	46.23864	28.00294	18.2357	30.87666	3
1972.57	1973.404	1328.904	85.22061	60.82477	85.097	84.30591	47.8354	4.352476	47.81212	19.15987	28.65225	30.24173	3
1972.575	1973.41	1328.91	84.87451	82.30672	83.91037	78.84247	49.46929	3.045166	47.48554	32.06176	15.42378	30.89918	3
1972.58	1973.415	1328.915	88.45912	169.1818	86.28363	81.10448	34.53565	5.702035	59.76231	38.57128	21.19103	28.72284	3
1972.585	1973.421	1328.921	94.02145	140.9925	92.84718	90.1649	28.48068	9.183338	62.33598	27.06512	35.27086	28.82368	3
1972.59	1973.427	1328.927	97.6555	114.2546	96.74081	96.54304	29.5962	10.39877	60.00503	28.29626	31.70877	28.71955	3
1972.595	1973.432	1328.932	97.91508	91.30592	97.53189	96.70373	30.79176	12.14758	57.06066	21.91955	35.14111	28.92311	3
1972.6	1973.438	1328.938	96.71609	82.45951	96.88914	98.80505	29.72486	13.93536	56.33978	41.5147	14.82508	28.33135	3
1972.605	1973.443	1328.943	97.98924	65.36257	98.17465	98.50839	32.59522	13.93407	53.47071	33.86989	19.60082	28.82102	3
1972.61	1973.449	1328.949	93.34161	69.06003	92.97078	91.01779	40.28707	7.846631	51.8663	27.87347	23.99283	29.8558	3
1972.615	1973.455	1328.955	88.59509	70.34345	87.74219	85.56671	48.07931	3.769444	48.15125	30.3184	17.83284	30.57848	3
1972.62	1973.46	1328.96	88.42204	53.21595	87.63095	86.29599	51.90439	2.779333	45.31628	19.40291	25.91337	31.18164	3
1972.625	1973.466	1328.966	87.66803	36.68432	87.44554	86.62973	52.19213	3.436035	44.37184	30.40885	13.96298	31.29426	3
1972.63	1973.471	1328.971	85.65323	37.40242	85.48018	83.45302	53.48878	2.788632	43.72259	30.90358	12.81901	31.62844	3
1972.635	1973.477	1328.977	86.49376	38.04413	85.92517	84.98575	55.62566	1.84033	42.53401	14.44373	28.09028	31.82605	3
1972.64	1973.483	1328.983	87.75456	71.12266	86.81514	85.66559	49.33459	3.227541	47.43786	15.99067	31.4472	30.4994	3
1972.645	1973.488	1328.988	88.69397	91.5351	87.50734	84.44188	45.44644	4.00711	50.54645	18.25109	32.29536	30.16477	3
1972.65	1973.494	1328.994	85.851	115.9353	83.87329	81.03032	48.28804	2.427437	49.28452	27.8763	21.40822	29.89757	3
1972.655	1973.499	1328.999	87.70511	89.77804	86.66681	85.82628	45.63185	4.124201	50.24395	31.91729	18.32666	29.73083	3
1972.66	1973.505	1329.005	91.06723	67.39464	90.00421	88.79286	48.14707	3.621214	48.23172	22.48934	25.74238	30.5938	3
1972.665	1973.51	1329.01	87.85344	70.31289	86.87694	86.53084	49.72697	3.073549	47.19948	27.97034	19.22914	30.42266	3
1972.67	1973.516	1329.016	83.0822	34.51474	82.14278	79.83133	62.49228	0	37.50772	9.3455	28.16222	32.46513	3
1972.675	1973.522	1329.022	81.58655	22.90287	80.93143	79.91785	64.47505	0	35.52495	10.73922	24.78573	32.19512	3
1972.68	1973.527	1329.027	84.13286	45.28627	82.84735	80.44936	61.60124	0	38.39876	14.18132	24.21744	32.17809	3
1972.685	1973.533	1329.033	94.45407	106.5541	94.42935	93.65062	27.50775	12.78643	59.70582	38.63779	21.06803	28.64687	3
1972.69	1973.538	1329.038	97.92744	93.85747	97.25996	95.91264	32.36622	10.62767	57.00611	35.35181	21.6543	29.13112	3
1972.695	1973.544	1329.044	89.1266	68.18914	87.44554	85.90045	54.52997	0.738372	44.73166	21.59772	23.13394	31.53053	3
1972.7	1973.55	1329.05	86.43196	50.0838	84.70145	82.51361	61.77371	0	38.22629	12.67853	25.54775	31.48633	3
1972.705	1973.555	1329.055	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1973	1973.885	1329.385	119.3609	113.6588	117.9518	111.4501	13.60322	22.93954	63.45724	48.53284	14.92441	29.47581	5
1973.005	1973.889	1329.389	122.7972	204.8119	122.0927	119.5711	0	47.68759	52.31241	52.31241	0	-9999	5
1973.01	1973.894	1329.394	120.4611	217.0349	116.5921	113.6008	6.637432	0	93.36257	70.63476	22.72781	-9999	5
1973.015	1973.899	1329.399	125.5413	201.3283	121.2769	115.5415	8.830045	0	91.16996	66.18533	24.98463	3.424903	5
1973.02	1973.904	1329.404	124.9974	125.897	124.2187	121.8455	0.570398	45.53007	53.89953	53.89953	0	-9999	5
1973.025	1973.909	1329.409	117.1855	98.42582	115.3313	114.8369	22.73968	12.91556	64.34476	33.00482	31.33994	29.13271	5
1973.03	1973.914	1329.414	120.2015	74.45344	118.3968	115.9988	25.38308	14.46436	60.15256	41.95524	18.19732	29.19579	5
1973.035	1973.919	1329.419	124.0209	115.645	123.1928	120.733	4.332955	41.61684	54.05021	54.05021	0	-9999	5
1973.04	1973.924	1329.424	129.6822	251.0302	130.1519	128.8787	0	100	0	0	0	-9999	5
1973.045	1973.928	1329.428	134.2433	195.8738	135.2074	138.1493	0	100	0	0	0	-9999	5
1973.05	1973.933	1329.433	126.5549	169.4568	125.6773	126.011	0	49.67908	50.32092	50.32092	0	-9999	5
1973.055	1973.938	1329.438	118.78	121.3287	117.3709	116.9012	12.28157	22.79111	64.92732	41.43847	23.48885	28.52333	5
1973.06	1973.943	1329.443	117	100.3051	116.827	116.7034	9.42726	38.38709	52.18565	35.099	17.08665	26.92588	5
1973.065	1973.948	1329.448	113.4649	110.3585	113.5761	116.0854	8.043386	36.43831	55.5183	42.92228	12.59602	27.03369	5
1973.07	1973.953	1329.453	110.1028	100.1218	109.7567	106.8148	17.15827	24.89082	57.95091	42.33459	15.61631	28.56444	5
1973.075	1973.958	1329.458	106.617	64.82781	105.7518	104.7135	32.9297	13.55206	53.51824	32.74575	20.7725	29.23253	5
1973.08	1973.962	1329.462	104.5281	60.74838	104.0707	102.9706	32.67751	14.94464	52.37785	19.48739	32.89046	29.10026	5
1973.085	1973.967	1329.467	102.9335	47.30307	102.2043	100.2513	39.50575	10.51059	49.98366	32.5394	17.44426	30.07098	5
1973.09	1973.972	1329.472	104.0954	59.0066	103.5021	104.8494	34.55079	13.31657	52.13264	36.62365	15.50899	28.87131	5
1973.095	1973.977	1329.477	105.69	57.93709	104.9113	104.3427	34.77957	13.0608	52.15963	24.80379	27.35584	29.28673	5
1973.1	1973.982	1329.482	106.3822	64.03332	105.2944	103.6381	35.06235	11.31188	53.62577	21.58248	32.04329	29.65111	5
1973.105	1973.987	1329.487	104.1078	42.26107	103.7123	103.0819	37.0591	13.811	49.12989	33.55908	15.57081	29.41121	5
1973.11	1973.992	1329.492	105.8877	52.46729	105.0967	103.6999	36.01711	12.75334	51.22955	37.26303	13.96652	29.55992	5
1973.115	1973.997	1329.497	106.1102	54.80494	105.2697	104.1325	35.62989	12.66479	51.70533	30.00209	21.70323	29.49181	5
1973.12	1974.001	1329.501	107.6306	57.32594	107.4699	106.0114	28.3523	20.79007	50.85763	37.4739	13.38373	28.52954	5
1973.125	1974.006	1329.506	108.4464	59.44969	108.1745	107.9767	27.94997	20.82732	51.2227	28.16373	23.05897	28.27392	5
1973.13	1974.011	1329.511	105.4304	45.43906	104.9978	103.0201	35.36063	14.99699	49.64238	33.57301	16.06937	29.44758	5

1973.135	1974.016	1329.516	104.4786	49.21291	103.6875	101.8087	38.10106	11.36273	50.53621	30.44524	20.09097	29.90034	5
1973.14	1974.021	1329.521	103.4527	45.95853	102.7481	101.0794	39.16192	11.01574	49.82234	24.7037	25.11865	29.96649	5
1973.145	1974.026	1329.526	105.8012	64.78198	105.5787	103.9348	28.70996	18.55769	52.73235	24.11491	28.61743	28.77043	5
1973.15	1974.031	1329.531	111.2399	143.7579	109.9297	105.5787	13.02417	18.3103	68.66553	52.03463	16.6309	29.75577	5
1973.155	1974.035	1329.535	107.371	128.2347	107.0373	104.5899	12.77233	23.5718	63.65587	40.68605	22.96982	28.92765	5
1973.16	1974.04	1329.54	114.7998	132.2683	113.7492	110.5477	10.51786	24.26379	65.21835	52.03098	13.18737	29.13376	5
1973.165	1974.045	1329.545	107.507	82.07754	106.2462	104.7135	31.00195	11.77908	57.21897	36.86219	20.35678	29.38363	5
1973.17	1974.05	1329.55	103.0448	43.52921	102.5256	101.6357	38.68815	11.95692	49.35493	24.60825	24.74668	29.71201	5
1973.175	1974.055	1329.555	102.847	42.61248	102.3402	101.784	38.99615	11.82221	49.18164	30.06725	19.11439	29.68647	5
1973.18	1974.06	1329.56	101.3514	37.63161	100.8693	100.1771	41.38593	10.44075	48.17332	18.78854	29.38478	30.0245	5
1973.185	1974.065	1329.565	100.6221	48.46425	100.0535	100.449	40.10594	10.01031	49.88375	35.93673	13.94701	29.6632	5
1973.19	1974.07	1329.57	100.2513	43.98757	100.2142	100.1771	37.41124	13.0489	49.53986	27.99769	21.54217	29.33846	5
1973.195	1974.074	1329.574	101.2772	44.76679	101.3761	102.2166	35.22505	15.04198	49.73297	31.04188	18.69109	28.89989	5
1973.2	1974.079	1329.579	98.71852	35.08005	98.50839	95.78903	42.31811	10.01496	47.66693	23.55608	24.11085	30.48056	5
1973.205	1974.084	1329.584	100.3131	54.66743	100.2513	101.5368	34.96145	13.65511	51.38345	21.93419	29.44926	28.84716	10
1973.21	1974.089	1329.589	101.6604	65.50008	101.4626	102.0806	32.15416	14.63833	53.2075	29.20028	24.00723	28.73841	10
1973.215	1974.094	1329.594	101.6727	70.52679	101.6109	101.6851	29.87257	15.98942	54.138	23.92822	30.20978	28.65399	10
1973.22	1974.099	1329.599	100.6468	68.80029	100.3996	99.92988	32.67119	13.61684	53.71197	36.65304	17.05893	29.00195	10
1973.225	1974.104	1329.604	99.54669	66.82933	99.3242	99.05226	33.96867	12.73813	53.2932	32.81037	20.48283	29.07069	10
1973.23	1974.108	1329.608	99.15115	64.35417	98.84213	99.13879	35.60212	11.69581	52.70207	27.50759	25.19448	29.12205	10
1973.235	1974.113	1329.613	98.0016	64.12499	97.53189	97.82855	37.96051	9.851374	52.18811	24.79074	27.39737	29.35575	10
1973.24	1974.118	1329.618	95.78903	56.30226	95.62834	95.20808	39.49429	9.585861	50.91985	36.74555	14.1743	29.61157	10
1973.245	1974.123	1329.623	94.87434	53.50624	94.29338	93.09439	44.2695	6.605845	49.12466	29.76603	19.35863	30.34047	10
1973.25	1974.128	1329.628	93.87312	50.25187	93.41577	92.95842	45.02022	6.453312	48.52647	23.45309	25.07338	30.28311	10
1973.255	1974.133	1329.633	93.25508	48.58648	93.00787	92.59996	44.36331	7.008155	48.62853	20.99169	27.63685	30.17122	10
1973.26	1974.138	1329.638	91.90776	38.94558	91.75943	91.06723	47.16958	6.038359	46.79206	18.15223	28.63983	30.63633	10
1973.265	1974.143	1329.643	92.26622	47.22667	92.11789	91.06723	44.83577	6.80367	48.36056	17.03952	31.32104	30.32884	10
1973.27	1974.147	1329.647	91.58638	43.46809	91.42569	90.67169	46.46659	6.106892	47.42651	23.32257	24.10394	30.50119	10
1973.275	1974.152	1329.652	89.63339	45.30155	89.32437	88.59509	48.9692	4.596498	46.4343	18.32191	28.11239	30.76292	10
1973.28	1974.157	1329.657	89.00299	42.97917	88.558	89.60867	51.16493	3.619278	45.21579	18.23738	26.97841	30.76652	10
1973.285	1974.162	1329.662	87.38373	35.84399	87.13652	87.08708	52.84863	3.164278	43.98709	21.3341	22.65299	31.25145	10
1973.29	1974.167	1329.667	87.40846	30.64921	87.16124	87.28485	54.08303	2.824446	43.09253	12.69937	30.39316	31.49408	10
1973.295	1974.172	1329.672	88.75577	46.60024	88.29843	86.98819	50.61187	3.709679	45.67845	29.74956	15.92889	31.06312	10
1973.3	1974.177	1329.677	91.16612	62.04708	90.74585	89.29965	44.36883	6.008129	49.62304	32.74845	16.87459	30.18234	10
1973.305	1974.181	1329.681	99.65794	208.433	96.02388	91.24028	26.03785	1.615522	72.34663	32.39448	39.95215	29.5134	10
1973.31	1974.186	1329.686	107.0002	230.7094	104.664	98.80505	3.833511	11.95259	84.2139	79.60538	4.608522	-9999	10
1973.315	1974.191	1329.691	109.5836	229.701	107.7419	103.2426	0	17.38783	82.61217	82.61217	0	-9999	10
1973.32	1974.196	1329.696	107.9644	201.1297	107.1856	106.5058	0	24.7918	75.2082	75.2082	0	-9999	10
1973.325	1974.201	1329.701	101.1907	176.21	99.6703	98.14993	16.04462	12.52635	71.42902	44.612	26.81703	29.05237	10
1973.33	1974.206	1329.706	97.09927	160.2437	96.07333	95.0103	19.84073	12.58545	67.57382	41.12987	26.44395	28.60607	10
1973.335	1974.211	1329.711	95.5789	135.6755	94.87434	94.07089	24.69431	11.89279	63.41291	39.74002	23.67289	28.52363	10
1973.34	1974.216	1329.716	95.54182	155.3392	95.09683	93.71243	17.95808	14.57508	67.46684	39.67171	27.79513	28.65628	10
1973.345	1974.22	1329.72	92.11789	145.6372	91.74707	90.82002	22.8812	12.35174	64.76706	47.186	17.58106	28.35271	10
1973.35	1974.225	1329.725	90.80766	144.6594	90.46156	90.86946	24.13167	11.72303	64.14531	45.68667	18.45864	28.03634	10
1973.355	1974.23	1329.73	90.33795	139.1743	89.83116	89.27493	27.13653	10.46063	62.40284	39.68794	22.7149	28.21707	10
1973.36	1974.235	1329.735	90.63461	150.8626	89.78172	87.84108	26.71733	9.958265	63.32441	36.81037	26.51404	28.3744	10
1973.365	1974.24	1329.74	91.22792	170.893	89.83116	87.93997	25.53911	9.285582	65.17531	30.40723	34.76807	28.21658	10
1973.37	1974.245	1329.745	91.59874	174.6363	90.46156	89.17604	22.28037	10.73632	66.98331	36.07478	30.90852	28.16426	10
1973.375	1974.25	1329.75	90.60988	186.8441	89.20076	86.1971	22.34335	10.13821	67.51843	45.09599	22.42245	28.29042	10
1973.38	1974.254	1329.754	91.38861	230.0982	89.62103	88.87938	13.93748	11.8109	74.25162	45.82173	28.42989	28.03039	10
1973.385	1974.259	1329.759	90.09073	221.863	88.40967	86.1971	16.45389	11.3156	72.2305	53.81882	18.41169	28.06452	10
1973.39	1974.264	1329.764	90.82002	244.445	87.87816	85.59143	20.08926	8.165265	71.74547	46.04241	25.70306	27.64182	10
1973.395	1974.269	1329.769	91.17848	197.4781	88.59509	85.97461	28.3474	6.357259	65.29534	36.43264	28.8627	28.05622	10
1973.4	1974.274	1329.774	90.60988	140.1216	88.69397	86.43196	37.57781	4.997803	57.42438	35.36282	22.06157	28.88366	10
1973.405	1974.279	1329.779	90.80766	175.0794	88.66925	87.44554	30.66039	6.527712	62.8119	35.69042	27.12148	28.03214	10
1973.41	1974.284	1329.784	92.37747	193.9181	90.56044	89.20076	22.16651	9.375286	68.45821	42.57151	25.88669	28.0665	10
1973.415	1974.289	1329.789	93.45285	215.7056	91.53694	87.48262	16.67094	10.64039	72.68867	58.77621	13.91245	28.73888	10
1973.42	1974.293	1329.793	98.92866	220.3198	96.95094	95.14627	10.99554	11.87484	77.12962	58.14545	18.98417	29.21331	10
1973.425	1974.298	1329.798	108.6936	172.0695	108.9903	112.6367	0	34.72397	65.27603	65.27603	0	-9999	10
1973.43	1974.303	1329.803	124.2929	195.4002	125.9369	129.8676	0	100	0	0	0	-9999	10
1973.435	1974.308	1329.808	119.2621	197.585	120.6959	127.8157	0	79.30123	20.69877	20.69877	0	-9999	10
1973.44	1974.313	1329.813	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1973.445	1974.318	1329.818	121.9691	95.9965	122.6365	122.0185	0	66.65924	33.34076	33.34076	0	-9999	10
1973.45	1974.323	1329.823	121.3757	217.9822	123.3905	127.2842	0	100	0	0	0	-9999	10
1973.455	1974.327	1329.827	117.8529	255.5985	120.4734	125.4053	0	100	0	0	0	-9999	10
1973.46	1974.332	1329.832	113.1682	228.8759	114.9358	118.0878	0	66.74444	33.25556	33.25556	0	-9999	10
1973.465	1974.337	1329.837	108.3723	226.4008	109.7072	109.4476	0	49.09429	50.90571	50.90571	0	-9999	10
1973.47	1974.342	1329.842	95.44293	192.7264	96.5554	95.61598	0	25.63122	74.36878	74.36878	0	-9999	10
1973.475	1974.347	1329.847	84.42952	166.5386	83.47774	80.05382	29.39878	8.646876	61.95435	39.46168	22.49266	28.04221	10
1973.48	1974.352	1329.852	81.15393	196.8211	79.47287	76.11075	30.7359	8.061393	61.20271	34.07033	27.13238	27.25545	10
1973.485	1974.357	1329.857	77.68056	189.3192	75.88825	72.13059	36.60901	6.884844	56.50615	31.33755	25.1686	27.21437	10
1973.49	1974.362	1329.862	75.73992	191.336	73.86109	69.36179	38.5769	6.666379	54.75672	33.56608	21.19065	27.19596	10
1973.495	1974.366	1329.866	73.83637	188.0205	71.2777	68.21224	46.39928	5.163132	48.43759	22.46076	25.97683	27.25481	10

1973.5	1974.371	1329.871	72.81043	126.3554	71.45075	70.09107	52.97392	2.879142	44.14694	24.26554	19.8814	28.92334	10
1973.505	1974.376	1329.876	73.91054	105.1638	73.18125	71.58672	52.20462	2.687486	45.10789	22.42261	22.68529	29.42747	10
1973.51	1974.381	1329.881	75.03536	144.4302	74.05887	71.98226	43.58322	5.082429	51.33435	35.36343	15.97093	27.94187	10
1973.515	1974.386	1329.886	75.69048	162.8105	74.46677	72.10587	40.44837	5.961385	53.59024	29.44285	24.14739	27.47931	10
1973.52	1974.391	1329.891	75.41855	169.5027	74.38024	74.55329	37.64213	6.722177	55.63569	33.10867	22.52702	26.75539	10
1973.525	1974.396	1329.896	74.47913	170.0832	73.41611	70.62258	38.55748	6.566228	54.87629	20.81913	34.05716	27.24676	10
1973.53	1974.4	1329.9	74.62746	158.3186	73.42847	71.04285	42.32182	5.54893	52.12925	21.97945	30.14981	27.59315	10
1973.535	1974.405	1329.905	74.56566	144.0024	73.72513	71.11701	43.06512	5.224317	51.71056	24.54719	27.16337	27.98464	10
1973.54	1974.41	1329.91	72.46433	169.1665	72.2542	67.02561	34.02304	7.629206	58.34775	25.22323	33.12452	27.53245	10
1973.545	1974.415	1329.915	69.33707	216.6071	69.52248	51.58706	22.35405	10.80325	66.8427	43.93382	22.90889	29.15602	2
1973.55	1974.42	1329.92	65.91314	159.6937	64.20736	60.734	53.93384	4.046762	42.0194	19.625	22.3944	28.08435	2
1973.555	1974.425	1329.925	62.69935	110.1294	60.17776	56.30886	75.20761	0	24.79239	14.8989	9.893497	32.84628	2
1973.56	1974.43	1329.93	61.8341	79.92323	60.27665	56.30886	75.84146	0	24.15854	6.634823	17.52372	32.13633	2
1973.565	1974.435	1329.935	61.68577	59.63303	59.90583	57.58201	82.61247	0	17.38753	9.092369	8.295159	32.11052	2
1973.57	1974.439	1329.939	62.83532	46.85998	61.52508	59.28779	81.00573	0	18.99427	18.71478	0.279493	31.55347	2
1973.575	1974.444	1329.944	64.46694	41.69576	64.35569	62.41506	71.4622	0	28.5378	4.371704	24.16609	30.71162	2
1973.58	1974.449	1329.949	65.24566	62.78046	65.03553	61.56217	66.40965	0	33.59035	10.48486	23.1055	31.36299	2
1973.585	1974.454	1329.954	62.61283	94.04082	62.4645	61.40148	60.78787	0.984915	38.22722	21.93957	16.28764	30.05277	2
1973.59	1974.459	1329.959	61.26551	88.75436	59.3496	53.32992	77.00551	0	22.99449	11.87761	11.11689	32.88008	2
1973.595	1974.464	1329.964	59.23835	66.53903	58.58323	53.87379	74.47544	0	25.52456	17.46624	8.05832	31.68218	2
1973.6	1974.469	1329.969	58.95405	51.15331	57.60673	54.0592	83.8249	0	16.1751	16.1751	0	32.25301	2
1973.605	1974.473	1329.973	57.40896	56.3481	55.90095	54.49183	85.23459	0	14.76541	12.02479	2.740625	32.24507	2
1973.61	1974.478	1329.978	56.38302	56.79118	56.46954	49.88127	73.71359	0	26.28641	23.25804	3.028371	31.43984	2
1973.615	1974.483	1329.983	56.75384	62.19986	56.88981	52.88493	71.68035	0	28.31965	11.66432	16.65533	30.96863	2
1973.62	1974.488	1329.988	57.47076	68.60167	57.01342	49.25088	74.06973	0	25.93027	17.2435	8.686768	32.16072	2
1973.625	1974.493	1329.993	57.64381	44.70567	57.1123	59.09002	80.26813	0	19.73187	7.764523	11.96735	30.40523	2
1973.63	1974.498	1329.998	59.58445	34.28555	59.27543	58.27421	79.28009	0	20.71991	20.71991	0	30.63298	2
1973.635	1974.503	1330.003	59.85639	54.89661	59.67097	53.23103	73.08408	0	26.91592	9.792836	17.12308	31.58211	2
1973.64	1974.508	1330.008	58.01464	64.96532	58.41018	53.31756	67.83947	0	32.16053	12.50426	19.65628	31.09439	2
1973.645	1974.512	1330.012	55.08514	79.1593	54.23225	49.09019	76.77502	0	23.22498	17.65545	5.569527	32.23381	2
1973.65	1974.517	1330.017	57.64381	64.20138	55.98748	53.35464	84.26758	0	15.73242	12.80857	2.923857	32.55756	2
1973.655	1974.522	1330.022	57.48312	67.44048	56.20997	54.87501	80.66188	0	19.33812	16.05337	3.284742	31.80804	2
1973.66	1974.527	1330.027	53.19395	54.91189	51.47581	49.44865	91.08849	0	8.911515	8.911515	0	33.51036	2
1973.665	1974.532	1330.032	53.97268	46.49329	53.24339	51.24096	84.74571	0	15.25429	15.25429	0	31.76997	2
1973.67	1974.537	1330.037	53.72546	69.74758	52.613	47.5451	82.31527	0	17.68473	4.177234	13.50749	32.72211	2
1973.675	1974.542	1330.042	52.25454	105.1485	49.30032	43.9234	89.37506	0	10.62494	10.62494	0	35.72041	2
1973.68	1974.546	1330.046	50.89485	131.7335	46.8529	44.93698	92.6224	0.306227	7.071372	7.071372	0	36.69439	2
1973.685	1974.551	1330.051	48.73173	63.08603	46.02473	44.45491	100	0	0	0	0	36.28184	2
1973.69	1974.556	1330.056	49.05311	50.92413	47.06303	46.02473	97.9706	0	2.029395	2.029395	0	35.02821	2
1973.695	1974.561	1330.061	51.03082	25.60721	50.75889	50.58584	88.9622	0	11.0378	11.0378	0	31.36756	2
1973.7	1974.566	1330.066	50.38806	19.5721	50.06669	49.60934	91.39722	0	8.602781	8.602781	0	31.74388	2
1973.705	1974.571	1330.071	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1974.005	1974.863	1330.363	102.7358	44.24731	102.5133	101.2278	36.49957	14.01903	49.4814	30.03707	19.44433	29.4506	2
1974.01	1974.868	1330.368	110.8568	79.05234	109.6949	105.7271	27.8859	15.26217	56.85192	35.6699	21.18202	29.47949	2
1974.015	1974.873	1330.373	107.8284	79.84684	105.5293	103.2178	39.29295	2.287277	58.41978	39.12188	19.2979	30.88092	2
1974.02	1974.877	1330.377	105.8754	43.86534	105.1461	102.5998	37.63117	12.70579	49.66303	23.70276	25.96027	29.90658	2
1974.025	1974.882	1330.382	104.9731	36.73016	105.0843	105.1214	33.67393	18.67154	47.65453	28.48991	19.16462	28.68459	2
1974.03	1974.887	1330.387	103.3662	105.7596	101.5986	97.9398	33.00808	6.927363	60.06455	36.34303	23.72153	29.99751	2
1974.035	1974.892	1330.392	101.0176	109.3349	98.9781	93.46521	36.41104	4.533538	59.05542	24.30227	34.75315	30.51397	2
1974.04	1974.897	1330.397	98.53311	87.39455	97.87799	91.79651	33.27722	10.64508	56.07769	23.62875	32.44894	30.08809	2
1974.045	1974.902	1330.402	96.13513	97.95218	95.05975	88.61981	36.18547	7.657584	56.15694	31.25486	24.90208	30.27432	2
1974.05	1974.907	1330.407	94.36755	79.96907	95.09683	87.48262	28.1774	14.87808	56.94452	41.21508	15.72945	30.01463	2
1974.055	1974.911	1330.411	92.53816	75.66046	92.55052	91.42569	36.45927	9.633185	53.90755	35.45336	18.45419	29.27483	2
1974.06	1974.916	1330.416	92.10553	100.3357	89.29965	86.90167	52.72729	0	47.27271	16.71078	30.56193	29.8444	2
1974.065	1974.921	1330.421	90.82002	77.38696	89.68283	87.21068	46.53114	3.906647	49.56221	25.12181	24.4404	30.47699	2
1974.07	1974.926	1330.426	87.09944	81.03858	86.25891	85.61615	46.77129	4.027797	49.20092	31.54203	17.65888	29.89115	2
1974.075	1974.931	1330.431	88.57036	100.4885	86.4196	84.42952	50.86551	1.163313	47.97118	21.16031	26.81087	30.54403	2
1974.08	1974.936	1330.436	86.71625	44.53761	85.67795	84.23175	57.48978	0.777932	41.73229	10.40771	31.32457	32.17581	2
1974.085	1974.941	1330.441	85.27005	106.7833	81.27753	78.84247	66.652	0	33.348	8.459423	24.88858	27.76047	2
1974.09	1974.946	1330.446	86.45668	132.1461	82.88443	75.97478	56.16546	0	43.83454	27.42412	16.41043	29.93305	2
1974.095	1974.95	1330.45	85.14644	72.25329	84.68909	79.36162	47.72442	4.02715	48.24843	21.19165	27.05678	30.88239	2
1974.1	1974.955	1330.455	84.4666	95.33951	82.15514	79.18857	57.13236	0	42.86764	27.41057	15.45707	31.32454	2
1974.105	1974.96	1330.46	84.82506	85.3472	83.15636	79.34926	54.23934	1.132477	44.62819	25.38706	19.24113	31.29277	2
1974.11	1974.965	1330.465	84.57785	101.2982	84.23175	79.26273	40.35649	6.130799	53.51271	36.91732	16.5954	29.65805	2
1974.115	1974.97	1330.47	81.92029	91.58093	81.73488	76.08603	43.90768	5.004836	51.08748	31.9732	19.11428	30.07464	2
1974.12	1974.975	1330.475	79.99202	49.88518	80.46172	80.00438	50.6949	3.216135	46.08897	19.88126	26.20771	30.47547	2
1974.125	1974.98	1330.48	79.97966	49.31986	79.12677	77.47043	61.09321	0	38.90679	25.71446	13.19233	32.23713	2
1974.13	1974.984	1330.484	77.91541	89.15161	75.96242	73.08237	61.87885	0	38.12115	25.22473	12.89642	31.56928	2
1974.135	1974.989	1330.489	77.49515	82.01643	76.45685	71.45075	56.90332	1.17581	41.92087	12.47104	29.44983	31.44956	2
1974.14	1974.994	1330.494	78.00194	120.4731	74.68926	70.33829	64.75697	0	35.24303	18.13671	17.10632	30.96512	2
1974.145	1974.999	1330.499	76.88947	84.99579	75.81409	72.8846	57.02693	1.192895	41.78018	17.03695	24.74323	30.98175	2
1974.15	1975.004	1330.504	74.00942	70.49623	72.42725	71.72269	67.11309	0	32.88691	9.861888	23.02502	31.02114	2
1974.155	1975.009	1330.509	71.9081	64.84309	70.94396	67.13686	65.62458	0	34.37542	8.824398	25.55102	31.76854	2

1974.16	1975.014	1330.514	69.17638	48.05172	68.31113	66.34577	71.43491	0	28.56509	16.18389	12.38119	31.0567	2
1974.165	1975.019	1330.519	67.1863	64.59863	65.13442	61.1419	78.45782	0	21.54218	21.54218	0	31.9201	2
1974.17	1975.023	1330.523	69.13929	55.30914	69.17638	68.81792	62.71965	0	37.28035	8.091691	29.18866	31.16684	2
1974.175	1975.028	1330.528	66.63007	36.14956	66.58062	64.45458	70.33533	0	29.66467	22.01011	7.65456	30.80961	2
1974.18	1975.033	1330.533	67.19866	82.81092	64.78832	61.4262	76.81715	0	23.18285	5.508088	17.67477	32.0006	2
1974.185	1975.038	1330.538	68.1628	110.2669	65.67829	62.19256	69.86057	0	30.13943	10.49631	19.64311	32.1355	2
1974.19	1975.043	1330.543	66.56826	48.18923	65.69065	63.94779	73.8969	0	26.1031	4.490338	21.61277	30.98685	2
1974.195	1975.048	1330.548	69.42359	49.45737	68.70667	66.85256	69.71776	0	30.28224	7.79392	22.48832	31.07874	2
1974.2	1975.053	1330.553	72.67446	39.74008	71.84629	69.02805	69.94071	0	30.05929	13.91428	16.14502	31.30008	2
1974.205	1975.057	1330.557	78.3604	47.80726	77.54459	75.9377	62.66159	0	37.33841	17.17902	20.15939	31.94081	2
1974.21	1975.062	1330.562	78.59525	70.12954	77.14905	75.64104	61.92911	0	38.07089	11.48316	26.58773	31.57996	2
1974.215	1975.067	1330.567	79.63356	73.20058	77.47043	73.31722	65.78683	0	34.21317	10.90665	23.30651	31.1717	2
1974.22	1975.072	1330.572	78.50873	69.442	77.47043	74.84995	59.01384	0.516247	40.46991	25.86135	14.60856	31.68754	2
1974.225	1975.077	1330.577	78.32332	68.96836	78.0761	77.07488	53.16812	2.214482	44.6174	29.83905	14.77835	30.46475	2
1974.23	1975.082	1330.582	81.24045	103.6359	79.90549	74.99828	50.52483	2.639258	46.83591	20.67145	26.16445	30.37455	2
1974.235	1975.087	1330.587	82.03154	71.47408	80.88199	77.82889	56.14326	1.09871	42.75803	11.44305	31.31498	31.4846	2
1974.24	1975.092	1330.592	75.64104	63.71246	73.62624	71.45075	70.60652	0	29.39348	21.24207	8.151405	30.90373	2
1974.245	1975.096	1330.596	73.86109	51.06164	72.51377	69.68317	70.1326	0	29.8674	14.15257	15.71483	31.25407	2
1974.25	1975.101	1330.601	73.02056	59.67887	71.2159	69.47303	72.36496	0	27.63504	18.31624	9.318797	30.97571	2
1974.255	1975.106	1330.606	71.6238	64.32361	70.07871	69.52248	70.51425	0	29.48575	20.81987	8.665881	30.905	2
1974.26	1975.111	1330.611	72.10587	59.69415	71.3395	70.12815	65.15595	0	34.84405	14.69645	20.1476	31.32434	2
1974.265	1975.116	1330.616	68.96624	56.18003	67.65601	67.13686	73.10983	0	26.89017	23.02597	3.864202	30.87364	2
1974.27	1975.121	1330.621	66.81548	39.4345	65.85134	63.76238	76.45867	0	23.54133	5.418456	18.12287	31.04041	2
1974.275	1975.126	1330.626	68.42237	42.99445	68.66959	69.68317	64.73085	0	35.26915	20.3697	14.89945	30.61755	2
1974.28	1975.13	1330.63	67.44587	39.12892	66.77839	65.39399	73.65356	0	26.34644	6.912236	19.4342	30.81446	2
1974.285	1975.135	1330.635	69.08985	51.97837	68.73139	68.9786	66.63665	0	33.36335	22.68102	10.68233	30.79397	2
1974.29	1975.14	1330.64	67.30991	33.33827	66.54354	64.30625	75.94636	0	24.05364	14.58853	9.465118	30.96961	2
1974.295	1975.145	1330.645	67.39643	32.10069	66.85256	64.8872	74.44193	0	25.55807	11.75346	13.80461	30.85098	2
1974.3	1975.15	1330.65	68.29876	42.13884	67.01325	65.61649	76.93029	0	23.06971	8.946773	14.12294	30.98883	2
1974.305	1975.155	1330.655	66.74131	51.85614	64.98609	62.19256	79.65179	0	20.34821	20.34821	0	31.59268	2
1974.31	1975.16	1330.66	67.40879	106.9514	63.70057	61.98243	80.84038	0	19.15962	16.61626	2.543363	32.46997	2
1974.315	1975.165	1330.665	67.66837	78.05922	66.08619	66.39521	71.11662	0	28.88338	16.9197	11.96368	30.98908	2
1974.32	1975.169	1330.669	64.55346	60.61087	62.8106	59.94291	79.45017	0	20.54983	4.635053	15.91477	31.80532	2
1974.325	1975.174	1330.674	64.75123	91.18369	61.488	58.27421	83.65247	0	16.34753	13.4405	2.907033	33.07656	2
1974.33	1975.179	1330.679	63.99723	81.39	61.56217	57.50785	80.29792	0	19.70208	16.43328	3.268805	32.61517	2
1974.335	1975.184	1330.684	66.35813	99.12865	64.55346	60.1654	68.94756	0	31.05244	10.20867	20.84378	32.20137	2
1974.34	1975.189	1330.689	62.92185	48.73927	61.80938	60.14068	78.93861	0	21.06139	15.09865	5.962739	31.25122	2
1974.345	1975.194	1330.694	63.36683	59.5108	61.69813	59.89347	80.23332	0	19.76668	19.76668	0	31.68229	4
1974.35	1975.199	1330.699	62.04423	64.81253	59.48556	57.82923	87.06437	0	12.93563	12.93563	0	32.84078	4
1974.355	1975.203	1330.703	64.49166	78.0745	62.48922	59.89347	77.29254	0	22.70746	6.641922	16.06554	31.93558	4
1974.36	1975.208	1330.708	66.13564	82.78036	65.08497	61.19134	67.265	0	32.735	13.05647	19.67853	31.81275	4
1974.365	1975.213	1330.713	65.35691	105.9888	63.60169	58.44726	67.82533	0.332275	31.84239	22.78623	9.056162	32.02038	4
1974.37	1975.218	1330.718	61.01829	62.07763	60.42498	59.94291	73.43857	0	26.56143	13.91739	12.64404	30.77577	4
1974.375	1975.223	1330.723	62.4027	71.79493	61.78466	56.75384	70.00493	0	29.99507	15.95367	14.0414	31.71966	4
1974.38	1975.228	1330.728	62.69935	80.53439	61.95771	59.13946	68.57501	0	31.42499	14.25847	17.16651	31.47531	4
1974.385	1975.233	1330.733	63.04545	74.54511	61.93299	59.94291	72.57988	0	27.42012	15.06003	12.3601	31.38708	4
1974.39	1975.238	1330.738	60.90705	68.80029	58.92933	55.3818	82.64315	0	17.35685	17.35685	0	32.59797	4
1974.395	1975.242	1330.742	59.55973	67.5016	57.34716	52.45231	86.01709	0	13.98291	13.98291	0	33.40016	4
1974.4	1975.247	1330.747	58.11352	55.27858	56.28413	53.03326	87.3359	0	12.6641	12.6641	0	32.96563	4
1974.405	1975.252	1330.752	56.19761	43.83478	54.33114	51.67358	92.15533	0	7.844672	7.844672	0	33.52835	4
1974.41	1975.257	1330.757	60.02944	66.76822	58.73156	57.97755	78.67356	0	21.32644	11.3063	10.02014	31.45975	4
1974.415	1975.262	1330.762	63.73765	60.04556	63.39155	61.8341	69.51261	0	30.48739	6.98721	23.50018	30.87809	4
1974.42	1975.267	1330.767	65.77718	118.0896	63.03309	56.88981	72.17395	0.086482	27.73956	14.26626	13.4733	32.91697	4
1974.425	1975.272	1330.772	68.49654	125.8359	65.90078	63.67585	66.64798	0.80917	32.54285	17.59658	14.94626	30.99197	4
1974.43	1975.276	1330.776	63.34211	55.8439	62.55102	60.72164	74.34196	0	25.65804	16.83512	8.822918	31.05362	4
1974.435	1975.281	1330.781	62.50158	46.3405	61.488	58.47198	79.13939	0	20.86061	10.70426	10.15635	31.45127	4
1974.44	1975.286	1330.786	67.35935	45.6224	67.30991	66.72895	67.37196	0	32.62804	16.89569	15.73235	30.72982	4
1974.445	1975.291	1330.791	68.2246	43.16252	68.23696	69.78205	66.69224	0	33.30776	19.86023	13.44753	30.40846	4
1974.45	1975.296	1330.796	67.91558	39.37338	67.73017	70.16523	69.42624	0	30.57376	6.899972	23.67379	30.11169	4
1974.455	1975.301	1330.801	62.47686	36.24124	62.30381	63.89834	75.09205	0	24.90795	13.35621	11.55174	29.98154	4
1974.46	1975.306	1330.806	59.05294	71.36712	57.8045	53.60185	78.07582	0	21.92418	14.54089	7.383293	32.13176	4
1974.465	1975.31	1330.81	58.23713	62.12347	56.84037	55.3818	82.21287	0	17.78713	4.375712	13.41142	31.92013	4
1974.47	1975.315	1330.815	55.14695	96.48542	52.3287	51.36456	87.75675	0	12.24325	12.24325	0	34.12581	4
1974.475	1975.32	1330.82	54.17045	62.16931	53.34228	51.36456	81.53652	0	18.46348	4.969701	13.49377	31.73936	4
1974.48	1975.325	1330.825	53.60185	67.30297	51.79719	47.40913	88.38514	0	11.61486	11.61486	0	33.77341	4
1974.485	1975.33	1330.83	53.39172	63.49856	51.36456	49.77003	91.22345	0	8.776547	8.776547	0	33.7995	4
1974.49	1975.335	1330.835	51.97024	39.7248	51.14207	49.906	88.99229	0	11.00771	11.00771	0	32.18848	4
1974.495	1975.34	1330.84	51.66122	37.32603	51.10499	50.78361	87.74958	0	12.25042	5.48379	6.766626	31.61102	4
1974.5	1975.345	1330.845	52.41522	63.95692	50.98138	49.98016	87.41272	0	12.58728	12.58728	0	32.75542	4
1974.505	1975.349	1330.849	51.46345	50.03796	50.17793	48.44743	90.50719	0	9.492811	4.163757	5.329053	33.04556	4
1974.51	1975.354	1330.854	50.89485	28.47962	50.20265	49.04075	91.64922	0	8.350778	8.350778	0	32.33041	4
1974.515	1975.359	1330.859	56.71676	69.62534	54.99862	51.58706	84.28685	0	15.71315	5.37806	10.33509	32.86864	4
1974.52	1975.364	1330.864	58.53379	97.79939	56.77856	52.16801	76.08445	0	23.91555	18.62531	5.290243	32.77979	4

1974.525	1975.369	1330.869	60.49914	141.1911	57.81686	53.04562	70.9602	1.670066	27.36973	18.97658	8.393152	31.30871	4
1974.53	1975.374	1330.874	61.01829	100.3662	59.54737	55.35708	70.97423	0	29.02577	23.2214	5.80437	32.31429	4
1974.535	1975.379	1330.879	63.16906	80.03019	62.35325	57.54493	68.83967	0	31.16033	4.828675	26.33165	31.85906	4
1974.54	1975.383	1330.883	61.38912	67.45576	61.57453	55.10986	65.76078	0	34.23922	20.04949	14.18972	31.66745	4
1974.545	1975.388	1330.888	57.54493	102.8108	55.39416	49.32504	78.84689	0	21.15311	15.958	5.195111	33.58998	4
1974.55	1975.393	1330.893	58.32365	111.642	56.3583	54.41766	74.5564	0.202268	25.24134	23.86416	1.377178	32.27577	4
1974.555	1975.398	1330.898	60.19012	215.4306	55.48069	51.31512	68.98902	5.110017	25.90096	14.52916	11.3718	28.70242	4
1974.56	1975.403	1330.903	63.87362	171.2444	60.54859	58.1506	65.56415	3.105389	31.33046	20.88935	10.44111	29.22131	4
1974.565	1975.408	1330.908	58.34838	105.7749	56.03692	52.45231	78.63576	0	21.36424	14.85313	6.511115	33.19303	4
1974.57	1975.413	1330.913	61.24079	124.7053	59.4114	56.96397	67.65755	1.309999	31.03245	8.819062	22.21339	30.66433	4
1974.575	1975.418	1330.918	59.63389	64.75142	58.69448	52.82313	76.74745	0	23.25255	21.967	1.285548	32.09813	4
1974.58	1975.422	1330.922	59.79458	66.55431	58.22477	56.45718	81.04889	0	18.95111	11.4031	7.548005	31.96124	4
1974.585	1975.427	1330.927	63.65113	98.13553	61.45092	60.84524	74.74379	0	25.25621	4.503609	20.7526	31.84723	4
1974.59	1975.432	1330.932	59.70806	41.58881	59.16418	59.00349	79.21911	0	20.78089	20.39558	0.385313	30.6775	4
1974.595	1975.437	1330.937	56.88981	47.77671	55.0357	53.61422	90.46876	0	9.531238	9.531238	0	33.04164	4
1974.6	1975.442	1330.942	58.50907	58.45657	56.55607	52.41522	87.16089	0	12.83911	9.192538	3.646576	33.19865	4
1974.605	1975.447	1330.947	56.18525	15.1871	55.53013	54.6896	89.71147	0	10.28853	10.28853	0	31.615	4
1974.61	1975.452	1330.952	56.95161	142.4898	52.71188	49.74531	85.9799	0.697807	13.32229	9.919288	3.403005	34.80004	4
1974.615	1975.456	1330.956	67.97739	401.2052	61.58689	51.61178	29.89552	15.218	54.88648	32.91634	21.97015	22.40843	4
1974.62	1975.461	1330.961	63.25559	146.1567	60.72164	57.87867	66.07305	2.16713	31.75982	21.70866	10.05116	30.01168	4
1974.625	1975.466	1330.966	57.59437	77.09666	55.83915	53.50297	81.95877	0	18.04123	10.67452	7.366713	32.52076	4
1974.63	1975.471	1330.971	55.17167	90.817	52.71188	49.47337	86.32769	0	13.67231	3.872014	9.800296	34.01231	4
1974.635	1975.476	1330.976	55.59193	90.9545	53.63894	51.94552	81.98015	0	18.01985	12.13877	5.881087	32.87187	4
1974.64	1975.481	1330.981	51.71066	79.54127	50.01724	48.2373	86.30121	0	13.69879	12.76751	0.931275	33.24833	4
1974.645	1975.486	1330.986	55.32	62.73462	55.18403	54.77612	74.97758	0	25.02242	10.94851	14.07391	30.54832	4
1974.65	1975.491	1330.991	53.40408	77.44807	52.60064	52.09385	78.35253	0	21.64747	11.67701	9.970463	31.45498	4
1974.655	1975.495	1330.995	52.72424	64.12499	51.21623	48.85533	87.66252	0	12.33748	7.035007	5.302472	33.08043	4
1974.66	1975.5	1331	52.7366	69.04475	50.47459	47.58218	92.3041	0	7.695898	7.695898	0	34.53307	4
1974.665	1975.505	1331.005	54.6278	59.64831	53.25575	52.16801	85.94086	0	14.05914	14.05914	0	32.35711	4
1974.67	1975.51	1331.01	55.10986	55.40081	53.98504	52.63772	84.60933	0	15.39067	6.929768	8.460897	31.99651	4
1974.675	1975.515	1331.015	54.26933	45.1946	53.50297	51.64886	85.07445	0	14.92555	14.92555	0	31.76919	4
1974.68	1975.52	1331.02	53.96032	49.31986	52.24217	50.70944	91.7367	0	8.2633	6.070851	2.192449	33.377	4
1974.685	1975.525	1331.025	53.78727	38.16636	53.0209	51.46345	87.21879	0	12.78121	12.78121	0	31.87945	4
1974.69	1975.529	1331.029	58.13824	43.75839	57.3348	56.81565	82.15	0	17.85	17.85	0	31.14599	4
1974.695	1975.534	1331.034	62.27909	60.13723	61.61161	61.88354	73.323	0	26.677	12.84062	13.83638	30.64318	4
1974.7	1975.539	1331.039	65.48052	69.19754	63.47808	59.76986	78.53102	0	21.46898	19.42322	2.04576	32.02666	4
1974.705	1975.544	1331.044	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1975	1975.831	1331.331	125.5166	81.14554	123.1433	120.8442	23.28029	7.727133	68.99258	33.145	35.84758	29.84146	4
1975.005	1975.836	1331.336	126.2459	73.13946	124.0086	120.7083	23.49306	10.63347	65.87347	44.50607	21.36739	29.57125	4
1975.01	1975.841	1331.341	124.9604	57.66207	123.304	122.6242	23.91887	21.24372	54.83741	35.35414	19.48327	27.71812	4
1975.015	1975.846	1331.346	124.9233	39.77063	124.9233	124.3547	15.44609	57.6401	26.9138	11.41087	15.50293	23.08397	4
1975.02	1975.851	1331.351	128.0258	80.96219	127.8404	124.0827	4.060332	65.88005	30.05962	30.05962	0	-9999	4
1975.025	1975.856	1331.356	122.3646	131.0307	121.8578	112.3153	0	45.81044	54.18956	54.18956	0	-9999	4
1975.03	1975.86	1331.36	117.3338	157.9825	113.675	108.4588	22.17668	0	77.82332	37.26507	40.55825	20.7579	4
1975.035	1975.865	1331.365	116.8146	135.1865	113.2177	110.5477	27.69193	0	72.30807	30.64357	41.6645	19.65891	4
1975.04	1975.87	1331.37	119.7194	173.9793	114.256	108.2239	30.09683	0	69.90317	41.44843	28.45473	-9999	4
1975.045	1975.875	1331.375	122.3028	150.6028	122.0803	117.9642	0	52.793	47.207	47.207	0	-9999	4
1975.05	1975.88	1331.38	121.1285	86.5695	120.9678	121.1409	8.857277	46.78316	44.35956	33.90524	10.45432	25.5247	4
1975.055	1975.885	1331.385	117.0618	55.30914	117.1607	117.1855	18.15192	39.81201	42.03606	17.09181	24.94425	25.95249	4
1975.06	1975.89	1331.39	111.9445	48.51009	111.413	110.3871	29.39083	21.68255	48.92663	33.08415	15.84248	28.303	4
1975.065	1975.894	1331.394	107.3587	58.25794	106.2709	104.2561	35.56162	11.67207	52.76631	29.31491	23.45141	29.73401	4
1975.07	1975.899	1331.399	106.8024	65.74454	105.2944	102.402	37.51865	7.975658	54.5057	29.41744	25.08825	30.32565	4
1975.075	1975.904	1331.404	105.863	79.75517	103.0077	99.53433	45.43406	0	54.56594	31.83992	22.72601	28.35388	4
1975.08	1975.909	1331.409	104.6022	77.02027	102.2166	99.42309	43.61561	0.706954	55.67744	23.45727	32.22018	31.32556	4
1975.085	1975.914	1331.414	106.0114	41.92494	104.8742	102.5998	41.13692	9.113905	49.74918	35.41683	14.33235	30.47395	4
1975.09	1975.919	1331.419	103.5516	44.52233	102.9212	100.5232	38.84373	11.58126	49.57501	31.50824	18.06677	30.02084	4
1975.095	1975.924	1331.424	101.5986	89.97666	98.55783	96.54304	48.32069	0	51.67931	18.49737	33.18194	27.38655	4
1975.1	1975.929	1331.429	103.6505	121.1148	99.90515	98.80505	44.35789	0	55.64211	13.52776	42.11435	22.93343	4
1975.105	1975.933	1331.433	103.737	106.1569	100.585	99.10171	43.29991	0	56.70009	20.51688	36.18321	27.00956	4
1975.11	1975.938	1331.438	102.5751	51.8867	101.3637	99.44781	42.46233	6.989519	50.54815	20.30942	30.23873	30.56259	4
1975.115	1975.943	1331.443	102.7852	50.16019	102.1919	100.4737	37.89704	11.62028	50.48269	35.37661	15.10608	29.78042	4
1975.12	1975.948	1331.448	102.4638	48.43369	102.5874	104.1449	33.05437	16.70482	50.24081	22.31192	27.9289	28.50338	4
1975.125	1975.953	1331.453	101.4502	49.16707	100.8817	99.16351	39.17394	10.68088	50.14517	31.4878	18.65737	29.92674	4
1975.13	1975.958	1331.458	100.5108	48.37258	99.89279	98.36006	40.61366	9.586942	49.7994	19.67484	30.12456	30.07444	4
1975.135	1975.963	1331.463	98.89157	52.49785	97.74203	95.65306	45.22427	5.474008	49.30172	18.11637	31.18535	30.84254	4
1975.14	1975.967	1331.467	96.11041	52.11588	95.28224	90.09073	45.38469	5.874464	48.74085	28.87694	19.8639	31.28693	4
1975.145	1975.972	1331.472	93.78659	61.40537	92.62468	86.12294	47.86103	3.779927	48.35904	31.24778	17.11126	31.72998	4
1975.15	1975.977	1331.477	94.05853	58.24266	93.31688	88.40967	45.11917	5.699261	49.18157	26.62258	22.55899	31.06587	4
1975.155	1975.982	1331.482	92.72357	44.95013	91.63583	90.48628	52.2464	2.605915	45.14768	20.32755	24.82014	31.52624	4
1975.16	1975.987	1331.487	91.46277	50.40466	91.05487	86.77806	46.81758	5.42283	47.75959	18.50077	29.25882	31.12283	4
1975.165	1975.992	1331.492	89.90532	42.58193	88.65689	85.80156	56.65764	0.827555	42.51481	15.59938	26.91543	32.50623	4
1975.17	1975.997	1331.497	87.95233	38.77751	86.23419	84.66437	63.0153	0	36.9847	16.97468	20.01002	31.29205	4
1975.175	1976.002	1331.502	91.43805	31.39787	90.80766	89.38617	53.16429	3.164972	43.67074	32.48417	11.18657	31.78155	4

1975.18	1976.006	1331.506	89.91768	40.84015	88.64453	86.7657	57.25937	0.618156	42.12247	16.22651	25.89596	32.46564	4
1975.185	1976.011	1331.511	91.5493	56.40921	90.35031	87.8658	51.41579	2.478564	46.10564	17.91294	28.1927	31.45328	4
1975.19	1976.016	1331.516	90.15254	71.22962	87.28485	84.23175	62.04669	0	37.95331	10.01283	27.94047	28.86918	4
1975.195	1976.021	1331.521	87.43318	65.54591	85.59143	80.85727	57.97292	0	42.02708	23.65281	18.37427	32.19802	4
1975.2	1976.026	1331.526	87.49498	112.3753	83.65079	77.82889	62.10224	0	37.89776	18.75062	19.14714	28.17097	4
1975.205	1976.031	1331.531	89.5963	98.27303	87.38373	81.83377	50.93675	0.914669	48.14858	22.74764	25.40094	31.32862	4
1975.21	1976.036	1331.536	86.56793	74.37704	84.80034	81.33934	56.05705	0.383162	43.55979	25.34627	18.21352	31.83785	4
1975.215	1976.04	1331.54	88.2119	81.52751	87.2354	85.36893	46.68325	3.944965	49.37178	23.38637	25.98541	30.15928	4
1975.22	1976.045	1331.545	89.06479	73.58255	87.75456	86.50612	50.40776	2.446492	47.14575	18.17395	28.9718	30.70819	4
1975.225	1976.05	1331.55	96.9015	97.4327	95.76431	93.92256	36.08511	7.634678	56.28021	37.01627	19.26394	29.45456	5
1975.23	1976.055	1331.555	105.2821	117.7687	103.6628	100.758	27.18969	9.73003	63.08028	46.08711	16.99317	29.54888	5
1975.235	1976.06	1331.56	110.7208	95.2784	110.5477	110.0904	16.42064	27.37298	56.20638	32.91949	23.28689	27.86962	5
1975.24	1976.065	1331.565	121.5735	153.3377	122.8838	122.0556	0	82.72428	17.27572	17.27572	0	-9999	5
1975.245	1976.07	1331.57	94.23158	121.069	93.63826	93.13147	28.60645	10.75734	60.63621	28.68366	31.95256	28.52796	5
1975.25	1976.075	1331.575	97.7173	320.6097	96.70373	83.70024	0	23.78813	76.21187	76.21187	0	-9999	5
1975.255	1976.079	1331.579	93.35397	247.241	93.08203	85.07228	0	20.35623	79.64377	79.64377	0	-9999	5
1975.26	1976.084	1331.584	88.29843	121.2065	86.75334	81.46294	41.40794	4.62528	53.96678	34.66961	19.29717	29.74798	5
1975.265	1976.089	1331.589	89.79408	104.3845	88.96591	88.85466	38.5467	6.597949	54.85535	25.5808	29.27455	28.86603	5
1975.27	1976.094	1331.594	87.76692	89.97666	86.61737	82.15514	46.38908	3.76717	49.84375	23.95363	25.89012	30.46585	5
1975.275	1976.099	1331.599	87.26013	116.4395	85.69031	79.72008	43.70838	3.996299	52.29532	34.23623	18.05909	30.06363	5
1975.28	1976.104	1331.604	85.13408	100.6412	83.62607	77.3221	49.00854	2.698134	48.29333	17.86381	30.42952	30.77983	5
1975.285	1976.109	1331.609	83.39122	118.3646	80.54825	78.86719	56.66885	0.012777	43.31838	17.17294	26.14544	30.59762	5
1975.29	1976.113	1331.613	79.80661	53.90349	79.3369	79.86841	57.17351	1.083157	41.74333	21.28317	20.46016	31.16092	5
1975.295	1976.118	1331.618	81.62363	124.1094	79.27509	74.77579	53.07295	1.578904	45.34814	14.39536	30.95279	30.28226	5
1975.3	1976.123	1331.623	81.45058	100.5954	79.23801	75.80173	57.8688	0.308249	41.82295	13.34961	28.47334	31.26325	5
1975.305	1976.128	1331.628	83.31705	94.31583	82.51361	82.39	46.7506	3.899319	49.35008	32.16939	17.18069	29.35029	5
1975.31	1976.133	1331.633	85.27005	70.8782	84.16994	79.38634	52.92484	1.962221	45.11293	26.35851	18.75443	31.51421	5
1975.315	1976.138	1331.638	90.93126	58.93021	90.511	88.4344	45.33918	5.683102	48.97772	18.38947	30.58825	30.41994	5
1975.32	1976.143	1331.643	97.25996	77.90644	97.95216	98.03868	26.30292	17.23055	56.46653	41.82799	14.63854	28.48042	10
1975.325	1976.148	1331.648	101.512	104.9651	101.1536	101.1659	23.98543	16.00331	60.01126	34.10389	25.90737	28.49139	10
1975.33	1976.152	1331.652	104.0707	56.19531	104.3674	104.7506	28.35658	20.48225	51.16117	21.83378	29.32739	28.24552	10
1975.335	1976.157	1331.657	103.1313	87.92931	104.3056	106.7159	14.73972	28.74562	56.51466	40.10107	16.41359	27.57514	10
1975.34	1976.162	1331.662	96.81497	183.7577	97.97688	90.21434	0	26.79425	73.20575	73.20575	0	-9999	10
1975.345	1976.167	1331.667	96.41943	165.1635	96.79025	82.62485	8.450694	20.4187	71.1306	63.9683	7.162309	31.60284	10
1975.35	1976.172	1331.672	95.2328	109.671	93.04495	87.08708	42.80128	2.545547	54.65317	24.09137	30.5618	30.74313	10
1975.355	1976.177	1331.677	91.06723	162.9786	88.22426	81.56183	38.81033	3.03506	58.15461	31.74854	26.40608	29.55547	10
1975.36	1976.182	1331.682	94.07089	68.02107	93.65062	91.98193	40.25073	7.946384	51.80288	19.51447	32.28842	29.80887	10
1975.365	1976.186	1331.686	102.8346	133.842	102.3279	103.1313	16.92998	17.96973	65.10029	34.46712	30.63317	28.40916	10
1975.37	1976.191	1331.691	97.42065	153.6738	98.64436	99.42309	3.700162	25.84485	70.45499	64.9297	5.525285	-9999	10
1975.375	1976.196	1331.696	94.21922	157.3866	94.76309	88.65689	11.01576	18.998	69.98624	58.9294	11.05685	29.90402	10
1975.38	1976.201	1331.701	96.28346	115.37	96.5554	96.75317	21.39218	16.37218	62.23565	39.8447	22.39095	28.37996	10
1975.385	1976.206	1331.706	95.24516	88.5863	96.22166	97.50717	23.36871	17.62944	59.00185	31.03463	27.96721	28.22791	10
1975.39	1976.211	1331.711	96.28346	73.82701	96.35762	96.44415	32.97831	12.43952	54.58218	35.24915	19.33303	28.85964	10
1975.395	1976.216	1331.716	94.13269	61.80262	94.42935	94.86198	36.14259	11.19282	52.66458	19.77189	32.89269	29.05515	10
1975.4	1976.221	1331.721	94.76309	36.43986	94.86198	95.05975	43.23315	8.914649	47.85221	19.69365	28.15855	29.98598	10
1975.405	1976.225	1331.725	93.92256	36.16484	93.95964	93.42813	44.55197	7.989433	47.4586	27.50493	19.95368	30.2872	10
1975.41	1976.23	1331.73	93.41577	37.79967	93.58882	93.79895	43.56883	8.43072	48.00045	19.37734	28.62311	29.99909	10
1975.415	1976.235	1331.735	93.32925	31.71872	93.32925	93.00787	46.46116	7.112169	46.42667	24.15133	22.27534	30.53367	10
1975.42	1976.24	1331.74	91.04251	49.35042	91.35153	92.25386	41.9032	8.256434	49.84037	22.26376	27.57661	29.55006	10
1975.425	1976.245	1331.745	85.52962	54.46881	85.52962	87.40846	48.13129	4.45902	47.40969	16.7736	30.63609	29.86402	10
1975.43	1976.25	1331.75	80.74602	61.57343	79.99202	78.95371	56.65643	1.145455	42.19812	11.93049	30.26763	31.27899	5
1975.435	1976.255	1331.755	82.90915	67.83773	83.24289	81.58655	44.72037	5.258355	50.02128	19.81303	30.20824	29.8345	5
1975.44	1976.259	1331.759	80.70894	74.48399	79.94257	81.61127	53.66198	1.976779	44.36124	24.25704	20.1042	30.07151	5
1975.445	1976.264	1331.764	90.1649	84.64437	90.05365	88.18718	37.42652	8.32434	54.24914	19.82381	34.42533	29.3246	5
1975.45	1976.269	1331.769	84.59021	95.50758	83.67551	79.02788	46.15305	4.007464	49.83948	20.52965	29.30983	30.18265	5
1975.455	1976.274	1331.774	86.49376	124.5831	87.02527	85.851	26.15742	11.49313	62.34945	40.98688	21.36257	28.34811	5
1975.46	1976.279	1331.779	80.94379	57.17315	80.04146	75.40618	58.68889	0.524141	40.78697	12.7266	28.06037	32.39002	5
1975.465	1976.284	1331.784	79.93021	45.69879	79.10204	76.90183	61.82341	0	38.17659	25.147	13.02959	32.26266	5
1975.47	1976.289	1331.789	83.04512	79.35792	83.40358	81.3517	41.6158	6.168576	52.21562	22.1742	30.04142	29.46752	5
1975.475	1976.294	1331.794	82.53833	53.81182	82.87207	83.84856	48.4558	4.152165	47.39204	19.36097	28.03107	29.95882	5
1975.48	1976.298	1331.798	81.20337	67.47104	80.75838	78.48401	52.41355	2.457113	45.12933	21.64934	23.47999	30.77626	5
1975.485	1976.303	1331.803	84.96103	79.98435	84.13286	80.47408	48.89795	3.329744	47.77231	31.09751	16.67479	30.58115	5
1975.49	1976.308	1331.808	84.76326	83.77348	85.24533	85.71503	38.00859	7.658516	54.3329	20.20225	34.13065	28.76099	5
1975.495	1976.313	1331.813	83.7126	79.83156	83.56427	82.22931	44.81472	4.9624	50.22288	29.4509	20.77198	29.62969	5
1975.5	1976.318	1331.818	81.93265	98.27303	81.96973	82.41472	40.5525	6.07265	53.37485	25.68934	27.68551	28.578	5
1975.505	1976.323	1331.823	82.30347	91.39759	82.61249	78.95371	39.7677	6.519101	53.7132	37.28337	16.42983	29.41831	5
1975.51	1976.328	1331.828	79.60883	73.78117	79.78188	80.59769	47.56369	3.939311	48.497	22.60268	25.89431	29.41502	5
1975.515	1976.332	1331.832	78.16263	49.19763	78.08846	78.10082	56.75933	1.227915	42.01276	17.87215	24.14061	31.18262	5
1975.52	1976.337	1331.837	77.74236	65.79037	77.22321	77.22321	56.57917	1.243616	42.17721	12.73678	29.44044	30.80489	5
1975.525	1976.342	1331.842	78.11319	88.7238	76.44449	74.42969	59.59712	0.399217	40.00366	22.53537	17.46829	31.25117	5
1975.53	1976.347	1331.847	84.61493	108.7543	86.72861	89.22548	19.45467	14.76778	65.77755	35.82667	29.95088	28.14136	10
1975.535	1976.352	1331.852	83.61371	101.7566	85.70267	91.52458	22.26082	13.45972	64.27946	40.59938	23.68008	27.46413	10
1975.54	1976.357	1331.857	80.64714	105.7291	82.08098	87.49498	29.1059	9.864481	61.02962	35.9657	25.06392	27.22433	10

1975.545	1976.362	1331.862	80.28867	99.57173	81.3517	84.73854	33.79963	8.254746	57.94562	38.21157	19.73405	27.69096	10
1975.55	1976.367	1331.867	81.80904	98.33415	82.32819	83.144	36.9154	7.37195	55.71265	19.85782	35.85483	28.31914	10
1975.555	1976.371	1331.871	80.73366	96.56181	81.66072	83.4283	35.1724	7.894564	56.93304	37.82826	19.10477	28.08161	10
1975.56	1976.376	1331.876	82.1057	105.3929	82.63721	83.21817	34.83845	8.014272	57.14728	32.63712	24.51015	28.19074	10
1975.565	1976.381	1331.881	84.93631	89.28912	84.33063	83.32941	44.94462	4.639034	50.41635	23.67923	26.73712	29.49967	10
1975.57	1976.386	1331.886	85.46782	110.8933	84.56549	82.84735	41.52651	5.334348	53.13914	28.64598	24.49316	29.0383	10
1975.575	1976.391	1331.891	81.48766	108.189	81.25281	81.27753	40.66974	5.847789	53.48247	37.2377	16.24477	28.47042	10
1975.58	1976.396	1331.896	81.0056	98.63973	82.19223	84.45424	32.40765	8.884364	58.70798	41.99948	16.7085	27.91861	10
1975.585	1976.401	1331.901	81.7596	129.075	81.88321	83.87329	32.58705	8.325427	59.08752	40.72082	18.3667	27.48561	10
1975.59	1976.405	1331.905	80.84491	115.1408	79.99202	79.13913	44.36851	4.537654	51.09383	35.61786	15.47597	28.73686	10
1975.595	1976.41	1331.91	78.21207	112.1156	77.3839	77.68056	47.33123	3.799957	48.86881	16.09478	32.77403	28.67386	10
1975.6	1976.415	1331.915	76.24671	55.50776	76.54337	77.14905	54.12105	1.888834	43.99012	12.45109	31.53902	30.44581	10
1975.605	1976.42	1331.92	76.17255	46.08076	76.19727	77.82889	58.57812	0.662444	40.75944	27.20729	13.55215	31.14043	10
1975.61	1976.425	1331.925	77.01308	51.22971	77.01308	77.42098	56.75038	1.19491	42.05471	18.17254	23.88217	31.00499	10
1975.615	1976.43	1331.93	75.09717	52.54368	75.13425	75.62868	57.90765	0.832329	41.26002	19.10727	22.15276	31.04414	10
1975.62	1976.435	1331.935	74.50385	48.05172	74.34316	73.66332	61.07328	0	38.92672	7.747163	31.17955	31.87219	10
1975.625	1976.44	1331.94	71.59908	71.97828	70.63494	66.29633	64.18217	0	35.81783	9.823461	25.99437	31.98049	10
1975.63	1976.444	1331.944	70.72147	56.37865	70.56078	69.02805	62.53796	0	37.46204	14.97969	22.48235	31.52737	10
1975.635	1976.449	1331.949	69.69553	53.87294	69.36179	67.8167	65.42935	0	34.57065	15.69594	18.87471	31.22665	10
1975.64	1976.454	1331.954	71.66088	78.34952	70.89452	72.36545	61.05073	0.436711	38.51255	13.76439	24.74817	30.61333	10
1975.645	1976.459	1331.959	71.35187	78.70093	70.89452	69.68317	58.8551	0.899581	40.24532	22.95217	17.29315	30.70677	10
1975.65	1976.464	1331.964	71.64852	110.1905	70.06635	69.75733	59.67911	1.314158	39.00673	24.74048	14.26625	29.96521	10
1975.655	1976.469	1331.969	70.20232	100.137	68.5707	67.79197	63.82573	0.434609	35.73966	13.33788	22.40178	30.92073	10
1975.66	1976.474	1331.974	68.38529	102.1997	67.01325	64.02195	62.98653	0.765963	36.24751	24.94048	11.30702	30.97984	10
1975.665	1976.478	1331.978	64.93665	55.95085	64.15792	61.85882	72.75331	0	27.24669	12.6971	14.54959	31.10666	10
1975.67	1976.483	1331.983	63.47808	41.23739	63.18142	63.14434	73.91981	0	26.08019	13.03876	13.04143	30.37524	10
1975.675	1976.488	1331.988	64.56582	59.43441	63.39155	62.41506	75.3169	0	24.6831	20.17703	4.506062	31.06627	10
1975.68	1976.493	1331.993	65.64121	74.72845	64.04667	63.29267	73.88344	0	26.11656	9.016265	17.10029	31.24542	10
1975.685	1976.498	1331.998	63.40391	46.26411	62.5263	62.15548	77.27398	0	22.72602	19.75793	2.968098	30.79449	10
1975.69	1976.503	1332.003	64.45458	50.26715	63.31739	61.35203	77.35034	0	22.64966	18.71881	3.930853	31.2117	10
1975.695	1976.508	1332.008	66.17272	58.62463	64.8872	62.20492	74.89669	0	25.10331	23.02371	2.079603	31.35794	10
1975.7	1976.513	1332.013	67.07505	41.90966	66.32105	65.96259	73.99235	0	26.00765	20.77378	5.233867	30.64557	10
1975.705	1976.517	1332.017	68.74375	95.40063	65.95023	64.14556	75.31862	0	24.68138	14.98693	9.694455	31.68178	10
1975.71	1976.522	1332.022	68.75611	76.348	66.63007	65.96259	74.74502	0	25.25498	7.61853	17.63645	31.17824	10
1975.715	1976.527	1332.027	69.75733	69.61007	68.95388	68.6325	65.20434	0	34.79566	24.18102	10.61464	31.12183	10
1975.72	1976.532	1332.032	71.75977	72.19218	70.89452	71.61144	63.2162	0	36.7838	16.22981	20.55399	31.13321	10
1975.725	1976.537	1332.037	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1976.005	1976.809	1332.309	121.2769	48.51009	120.3374	120.3374	23.96632	29.62388	46.4098	33.06894	13.34086	26.73497	5
1976.01	1976.814	1332.314	129.0641	106.8139	130.362	129.7192	0	100	0	0	0	-9999	5
1976.015	1976.819	1332.319	131.4868	97.12713	132.8836	133.0443	0	100	0	0	0	-9999	5
1976.02	1976.824	1332.324	127.0246	138.8229	127.9146	132.9701	0	95.24436	4.755644	4.755644	0	-9999	5
1976.025	1976.829	1332.329	124.8244	94.11721	123.7984	123.2546	10.33624	37.42739	52.23637	38.77527	13.4611	26.38234	5
1976.03	1976.834	1332.334	121.9073	120.962	120.0902	118.0507	12.65448	18.9263	68.41922	43.54469	24.87453	29.11968	5
1976.035	1976.839	1332.339	121.7095	105.6527	121.0173	121.2645	7.823883	39.01911	53.15701	49.35428	3.802731	-9999	5
1976.04	1976.843	1332.343	117.0124	59.84693	115.937	116.6787	26.19985	21.73131	52.06884	33.31661	18.75223	27.79131	5
1976.045	1976.848	1332.348	120.7701	74.45344	121.0173	121.7836	8.957892	52.96294	38.07917	19.66371	18.41546	24.61099	5
1976.05	1976.853	1332.353	119.0148	86.20281	118.3597	115.4673	14.72243	33.31043	51.96713	41.90207	10.06507	27.39931	5
1976.055	1976.858	1332.358	119.6576	71.77965	119.5711	119.9295	13.2149	43.65638	43.12872	28.94078	14.18794	25.55703	5
1976.06	1976.863	1332.363	117.5192	61.81789	117.0495	117.8777	20.56264	32.05583	47.38153	23.25075	24.13078	26.60728	5
1976.065	1976.868	1332.368	116.9135	71.12266	116.1842	118.5946	20.87982	27.61585	51.50433	26.92834	24.57599	26.87535	5
1976.07	1976.873	1332.373	116.2831	92.26848	113.984	114.1694	28.50855	5.702534	65.78892	43.55462	22.2343	29.79897	5
1976.075	1976.878	1332.378	115.9123	109.7016	114.3054	114.4167	19.26634	16.21875	64.5149	38.31244	26.20246	28.73779	5
1976.08	1976.882	1332.382	112.7109	54.46881	113.1188	114.5773	19.96329	35.16261	44.8741	33.04903	11.82507	26.41543	5
1976.085	1976.887	1332.387	111.4995	65.43896	111.6478	111.4501	20.43466	30.39612	49.16922	29.09651	20.0727	27.27966	5
1976.09	1976.892	1332.392	109.633	80.36632	109.7196	108.8049	19.01838	27.69061	53.29101	29.86151	23.4295	27.81019	5
1976.095	1976.897	1332.397	109.0768	60.67199	108.9532	106.1102	25.92466	23.27957	50.79577	18.54785	32.24791	28.4739	5
1976.1	1976.902	1332.402	111.6355	53.91877	111.4501	112.0805	25.68394	25.78627	48.52979	28.06458	20.46521	27.51599	5
1976.105	1976.907	1332.407	109.769	107.6848	107.7542	105.4428	28.56749	7.499087	63.93343	40.06942	23.86401	29.86363	5
1976.11	1976.912	1332.412	105.0967	88.09738	104.0336	100.9558	30.22993	12.20896	57.56111	32.50733	25.05378	29.50568	5
1976.115	1976.916	1332.416	102.5256	67.76134	102.1672	102.4762	32.05625	14.37155	53.5722	23.31454	30.25766	28.78741	5
1976.12	1976.921	1332.421	102.8223	56.562	102.1919	101.2772	36.60107	11.8004	51.59853	17.93749	33.66104	29.4919	5
1976.125	1976.926	1332.426	101.3884	48.80038	100.7086	99.54669	40.1817	9.821385	49.99691	33.33871	16.6582	29.96352	5
1976.13	1976.931	1332.431	102.8099	81.83308	101.3637	99.0399	36.81936	7.423733	55.75691	33.07375	22.68316	29.98253	5
1976.135	1976.936	1332.436	101.4132	108.5862	98.68144	95.2328	41.59287	0.094119	58.31301	17.37694	40.93607	30.84402	5
1976.14	1976.941	1332.441	98.40951	77.03555	96.59248	94.76309	44.90262	2.994416	52.10297	17.37144	34.73153	30.69302	5
1976.145	1976.946	1332.446	98.95338	75.03403	97.6555	98.33534	40.8632	6.123924	53.01287	21.99551	31.01736	29.67933	5
1976.15	1976.951	1332.451	99.80627	64.00276	99.37364	99.80627	36.04241	11.36468	52.5929	20.77377	31.81914	29.13549	5
1976.155	1976.955	1332.455	97.45773	73.81173	95.76431	93.972	45.60046	3.186734	51.21281	27.39373	23.81908	30.71768	5
1976.16	1976.96	1332.46	94.62712	86.5695	92.66177	90.69641	47.22474	1.936785	50.83847	18.3037	32.53477	30.68923	5
1976.165	1976.965	1332.465	93.00787	54.041	91.98193	90.63461	49.30588	3.609475	47.08464	19.8809	27.20375	31.00034	5
1976.17	1976.97	1332.47	91.72235	46.43218	90.67169	90.36267	52.52148	2.494536	44.98398	21.82012	23.16387	31.33592	5
1976.175	1976.975	1332.475	93.31688	58.94549	92.3033	91.12904	47.7389	4.121786	48.13931	21.96348	26.17583	30.70573	5
1976.18	1976.98	1332.48	96.12277	86.89035	94.6024	94.99794	42.32245	4.565059	53.11249	36.09369	17.01879	29.69691	5

1976.185	1976.985	1332.485	98.75561	114.056	98.65672	99.89279	22.30966	16.08151	61.60883	31.638	29.97083	28.20641	5
1976.19	1976.989	1332.489	97.33412	83.45263	96.9015	97.68022	33.60992	10.92828	55.4618	36.75078	18.71102	28.7879	5
1976.195	1976.994	1332.494	97.3712	63.55967	97.56898	97.72967	33.50432	13.35373	53.14195	26.94972	26.19223	28.89501	5
1976.2	1976.999	1332.499	98.13757	53.91877	98.0016	98.81741	37.71885	11.29494	50.98622	22.90416	28.08206	29.20148	5
1976.205	1977.004	1332.504	97.55662	73.87284	97.60606	97.39593	31.9875	13.30901	54.70349	27.23403	27.46946	28.84758	5
1976.21	1977.009	1332.509	95.44293	82.88732	94.45407	88.00177	39.79743	6.778703	53.42387	28.25253	25.17134	30.63114	5
1976.215	1977.014	1332.514	93.25508	90.78644	91.21556	88.06357	48.04129	1.623795	50.33491	22.94103	27.39388	30.86983	5
1976.22	1977.019	1332.519	93.78659	93.62829	93.05731	93.73715	36.71023	8.015367	55.2744	19.86032	35.41408	28.87667	5
1976.225	1977.024	1332.524	95.49237	87.54734	94.29338	94.42935	40.25274	6.034194	53.71307	37.89327	15.81979	29.44831	5
1976.23	1977.028	1332.528	91.41333	49.70183	90.82002	90.94362	48.47008	4.548796	46.98112	31.72496	15.25616	30.54512	5
1976.235	1977.033	1332.533	90.30087	71.79493	89.10188	86.62973	48.84101	3.113419	48.04557	31.12839	16.91718	30.80084	5
1976.24	1977.038	1332.538	88.95355	54.05628	87.65567	85.10936	55.13966	1.143483	43.71685	30.70625	13.01061	31.95224	5
1976.245	1977.043	1332.543	88.8423	61.9554	86.93875	83.27997	58.02441	0	41.97559	15.98983	25.98576	31.86093	5
1976.25	1977.048	1332.548	87.06235	56.28698	85.34421	82.48888	59.59678	0	40.40322	13.58927	26.81394	31.87354	5
1976.255	1977.053	1332.553	85.25769	35.37035	84.31827	83.87329	60.28377	0.059984	39.65624	19.1089	20.54734	32.56312	5
1976.26	1977.058	1332.558	84.04634	43.65144	83.16872	82.19223	58.91521	0.46678	40.61801	10.1072	30.5108	32.18324	5
1976.265	1977.062	1332.562	83.86093	65.95844	82.06862	80.15271	60.77638	0	39.22362	13.87274	25.35088	31.40182	5
1976.27	1977.067	1332.567	82.78554	66.4932	81.56183	80.51117	57.22972	0.725386	42.04489	13.92282	28.12208	31.42335	5
1976.275	1977.072	1332.572	81.84613	57.40233	81.4135	79.64592	54.16305	2.003495	43.83346	31.85357	11.97988	31.14595	5
1976.28	1977.077	1332.577	80.80782	59.7247	80.17743	79.21329	56.089	1.347671	42.56333	11.58978	30.97354	31.20149	5
1976.285	1977.082	1332.582	80.11562	48.83094	80.18979	80.91907	53.90176	2.182967	43.91527	15.69995	28.21531	30.70571	5
1976.29	1977.087	1332.587	81.17865	61.17619	80.39992	80.95615	56.54614	1.164497	42.28937	16.35044	25.93893	30.99353	5
1976.295	1977.092	1332.592	80.58533	54.82022	80.15271	79.64592	55.94785	1.454769	42.59738	23.48721	19.11017	31.16938	5
1976.3	1977.097	1332.597	78.50873	66.78349	77.42098	76.80295	60.04038	0.227747	39.73187	24.62127	15.1106	31.53776	5
1976.305	1977.101	1332.601	77.43334	81.00803	75.67812	71.11701	62.76036	0	37.23964	21.39156	15.84807	31.89142	5
1976.31	1977.106	1332.606	73.02056	38.85391	72.20476	68.81792	69.74095	0	30.25905	22.53687	7.722184	31.4068	5
1976.315	1977.111	1332.611	69.91802	71.81021	69.51012	67.85378	61.45861	0.259524	38.28187	22.09434	16.18753	31.29262	5
1976.32	1977.116	1332.616	68.49654	34.80503	68.52126	69.22582	68.36878	0	31.63122	20.43804	11.19318	30.44268	5
1976.325	1977.121	1332.621	73.74985	61.0234	72.57558	70.61022	66.48307	0	33.51693	9.537119	23.97981	31.33254	5
1976.33	1977.126	1332.626	74.10831	50.43521	73.6386	75.18369	63.25527	0	36.74473	25.77	10.97473	31.10199	5
1976.335	1977.131	1332.631	73.07001	31.91735	72.93404	75.77701	66.10535	0	33.89465	14.82723	19.06742	30.58109	5
1976.34	1977.135	1332.635	73.44083	32.86463	73.0082	73.51499	67.83405	0	32.16595	21.16479	11.00117	30.87003	5
1976.345	1977.14	1332.64	76.93892	155.6143	73.20597	68.44709	60.48784	0.896929	38.61523	11.02013	27.5951	30.37776	5
1976.35	1977.145	1332.645	75.69048	106.7375	73.45319	69.37415	61.8733	0.29827	37.82843	22.6231	15.20533	31.45685	5
1976.355	1977.15	1332.65	74.66454	78.39536	73.04529	68.48418	64.88618	0	35.11382	14.56696	20.54687	31.85813	5
1976.36	1977.155	1332.655	79.20093	101.2066	77.89069	75.67812	52.7975	2.177731	45.02477	20.34125	24.68352	30.04868	10
1976.365	1977.16	1332.66	79.57175	127.6847	77.55695	72.13059	51.50899	2.437133	46.05387	24.69718	21.3567	29.98361	10
1976.37	1977.165	1332.665	77.37154	124.0636	76.12311	74.62746	48.47015	3.555473	47.97437	24.46545	23.50892	28.81049	10
1976.375	1977.17	1332.67	75.15897	93.00186	74.15775	70.90688	56.10675	1.585394	42.30786	28.95079	13.35707	30.58774	10
1976.38	1977.174	1332.674	72.81043	77.73837	71.47547	67.68073	64.54765	0	35.45235	9.945805	25.50655	31.83786	10
1976.385	1977.179	1332.679	72.47669	67.91412	71.29006	66.65479	66.08261	0	33.91739	24.80467	9.112717	31.86867	10
1976.39	1977.184	1332.684	72.9464	51.50473	72.316	69.57192	65.31075	0	34.68925	25.46412	9.225129	31.60938	10
1976.395	1977.189	1332.689	73.14417	59.34273	72.58794	73.51499	62.65723	0	37.34277	19.58457	17.7582	31.19875	10
1976.4	1977.194	1332.694	72.09351	73.73533	71.14173	68.47181	63.20629	0	36.79371	17.63103	19.16268	31.75991	10
1976.405	1977.199	1332.699	75.45563	109.946	74.31844	71.17881	52.78709	2.5212	44.69171	22.0551	22.63661	29.76394	10
1976.41	1977.204	1332.704	80.07854	179.0213	78.03902	74.51621	38.81087	5.892822	55.29631	36.67938	18.61693	27.61985	10
1976.415	1977.208	1332.708	81.03032	166.5233	79.59647	90.46156	36.26577	6.602609	57.13162	27.94089	29.19073	25.19423	10
1976.42	1977.213	1332.713	78.10082	82.93315	77.82889	83.40358	50.18492	3.03999	46.77509	30.6983	16.07678	28.56555	10
1976.425	1977.218	1332.718	78.85483	82.0317	78.50873	75.88825	50.28416	3.015398	46.70044	26.96281	19.73763	30.15133	10
1976.43	1977.223	1332.723	74.78815	78.80788	74.52857	72.50141	54.1351	1.954404	43.91049	25.24749	18.663	30.35958	10
1976.435	1977.228	1332.728	73.79929	78.30369	74.05887	75.70284	51.14345	2.651004	46.20554	25.729	20.47655	29.25878	10
1976.44	1977.233	1332.733	73.04529	75.416	72.76099	71.72269	56.75097	1.295486	41.95355	22.29486	19.65868	30.52081	10
1976.445	1977.238	1332.738	72.8846	102.49	72.40253	67.63129	51.87963	2.748667	45.3717	23.32753	22.04417	29.9416	10
1976.45	1977.242	1332.742	73.76221	87.0737	73.87345	73.71276	50.20477	2.958383	46.83684	27.81045	19.0264	29.2947	10
1976.455	1977.247	1332.747	72.77335	114.438	72.47669	73.24306	47.65363	3.851411	48.49496	18.56476	29.93021	28.21037	10
1976.46	1977.252	1332.752	71.05521	101.558	71.36423	72.63738	47.65729	3.613128	48.72958	22.53295	26.19663	28.30626	10
1976.465	1977.257	1332.757	71.87102	98.05913	72.42725	72.29128	45.83755	3.99669	50.16576	16.76891	33.39685	28.54267	10
1976.47	1977.262	1332.762	73.50263	103.972	74.0465	71.59908	43.00134	4.82991	52.16875	23.85637	28.31238	28.73163	10
1976.475	1977.267	1332.767	72.99584	107.7917	73.36666	74.44205	43.88436	4.629712	51.48593	23.10915	28.37678	28.02611	10
1976.48	1977.272	1332.772	74.3308	149.0902	75.55451	75.98714	26.05206	9.462332	64.48561	29.56926	34.91635	27.22943	10
1976.485	1977.277	1332.777	70.09107	157.9672	68.65723	70.51134	48.40045	4.608557	46.99099	26.97274	20.01825	26.87713	10
1976.49	1977.281	1332.781	65.50524	106.2027	64.72651	61.72286	60.06925	1.468349	38.4624	10.88146	27.58094	30.15819	10
1976.495	1977.286	1332.786	63.30503	92.28376	63.25559	62.06896	59.80989	1.0662	39.12391	17.87106	21.25286	29.98515	10
1976.5	1977.291	1332.791	61.94535	78.53287	61.67341	59.89347	66.11283	0	33.88717	9.316432	24.57074	31.10652	10
1976.505	1977.296	1332.796	61.37675	62.27626	61.58689	61.7723	66.834	0	33.166	23.57053	9.59547	30.3195	10
1976.51	1977.301	1332.801	61.8341	69.30449	61.57453	59.60917	68.35265	0	31.64735	23.82458	7.822772	30.97233	10
1976.515	1977.306	1332.806	61.09246	60.70254	60.91941	59.31251	70.44606	0	29.55394	10.77566	18.77828	30.73237	10
1976.52	1977.311	1332.811	62.06896	69.38088	61.54981	59.89347	70.1298	0	29.8702	5.622812	24.24738	31.00736	10
1976.525	1977.315	1332.815	64.20736	62.42905	63.52752	61.51272	71.09016	0	28.90984	7.736868	21.17297	31.07337	10
1976.53	1977.32	1332.82	63.87362	93.16993	62.84768	61.22843	66.64019	0.144056	33.21576	22.66644	10.54932	31.31789	10
1976.535	1977.325	1332.825	65.59176	124.5525	65.25802	64.55346	52.10035	3.244643	44.65501	16.40617	28.24884	28.20566	10
1976.54	1977.33	1332.83	64.85012	117.4632	64.59055	65.24566	53.92351	2.74868	43.32781	26.50798	16.81983	28.28997	10
1976.545	1977.335	1332.835	64.39277	100.137	64.45458	65.25802	56.04651	1.882662	42.07083	14.3987	27.67214	28.93983	10

1976.55	1977.34	1332.84	65.2333	94.94226	65.18386	62.06896	57.39252	1.5328	41.07468	22.4092	18.66548	30.03554	10
1976.555	1977.345	1332.845	65.29511	89.18217	65.06025	63.0949	60.16653	0.932491	38.90097	20.56732	18.33366	30.39691	10
1976.56	1977.35	1332.85	64.55346	91.41287	64.28153	61.78466	60.5964	0.934645	38.46895	25.20316	13.26579	30.459	10
1976.565	1977.354	1332.854	64.10848	84.07906	63.76238	60.32609	63.35535	0.29611	36.34854	21.32752	15.02103	31.2682	10
1976.57	1977.359	1332.859	62.21728	90.817	61.8341	60.0418	63.75205	0.476952	35.771	23.1867	12.5843	30.7326	10
1976.575	1977.364	1332.864	62.62519	116.7451	62.03187	60.4497	58.73071	2.059879	39.20941	13.6142	25.59521	29.21148	10
1976.58	1977.369	1332.869	62.61283	118.4868	61.35203	55.56721	63.49354	1.506588	34.99987	23.69001	11.30987	30.72647	10
1976.585	1977.374	1332.874	62.35325	104.8582	61.68577	58.68212	62.43229	1.153555	36.41415	14.17874	22.23541	30.36278	10
1976.59	1977.379	1332.879	64.26917	111.6878	63.8489	61.93299	57.10097	2.097803	40.80122	30.09181	10.70941	29.28313	10
1976.595	1977.384	1332.884	63.94779	117.6465	63.32975	62.22965	57.48736	2.242799	40.26984	29.58336	10.68647	29.0117	10
1976.6	1977.388	1332.888	64.21972	97.03545	63.76238	62.27909	60.97971	1.061151	37.95913	25.89538	12.06376	30.16866	10
1976.605	1977.393	1332.893	65.40635	82.41367	65.13442	63.41628	61.98955	0.447631	37.56282	18.685	18.87782	30.83643	10
1976.61	1977.398	1332.898	70.62258	143.1315	69.33707	66.98853	50.35215	3.876854	45.77099	14.1248	31.64619	28.2296	10
1976.615	1977.403	1332.903	70.06635	88.40295	70.38773	72.56322	51.65476	2.514787	45.83046	23.22145	22.60901	28.78183	10
1976.62	1977.408	1332.908	65.28275	88.96827	65.40635	66.75367	57.4516	1.345443	41.20296	22.08183	19.12113	29.37285	10
1976.625	1977.413	1332.913	65.08497	138.2423	64.97373	63.26795	47.52935	4.359288	48.11136	31.87526	16.2361	27.59287	10
1976.63	1977.418	1332.918	64.99845	113.4601	65.81426	67.1863	46.42156	3.790362	49.78808	30.14376	19.64431	27.56079	10
1976.635	1977.423	1332.923	61.52508	93.36855	61.88354	62.97129	58.02366	1.306853	40.66949	26.51088	14.15861	29.15029	10
1976.64	1977.427	1332.927	60.734	78.70093	60.63511	61.27787	65.84546	0	34.15454	20.43528	13.71926	30.56327	10
1976.645	1977.432	1332.932	61.30259	73.96452	61.12954	62.26673	67.04334	0	32.95666	24.72901	8.22765	30.42989	10
1976.65	1977.437	1332.937	60.4497	71.19906	60.06652	58.45962	70.12577	0	29.87423	24.33316	5.541069	30.94176	10
1976.655	1977.442	1332.942	60.01707	72.16162	59.60917	57.70562	70.48244	0	29.51756	8.597571	20.91999	31.01638	10
1976.66	1977.447	1332.947	59.11474	60.91645	59.18891	58.83044	70.29788	0	29.70212	23.30832	6.393794	30.33246	10
1976.665	1977.452	1332.952	58.00228	67.77661	57.44604	57.14938	74.54677	0	25.45323	15.46152	9.991709	30.81467	10
1976.67	1977.457	1332.957	57.40896	51.01581	57.24827	56.54371	76.08328	0	23.91672	18.29038	5.626346	30.49613	10
1976.675	1977.461	1332.961	57.49549	47.94477	57.27299	57.14938	77.22584	0	22.77416	19.78553	2.988625	30.43934	10
1976.68	1977.466	1332.966	56.58079	40.7332	56.48191	55.70318	78.8546	0	21.1454	3.83263	17.31277	30.47723	10
1976.685	1977.471	1332.971	55.86387	46.35578	55.74026	56.06164	78.3451	0	21.6549	4.352378	17.30252	30.33074	10
1976.69	1977.476	1332.976	55.54249	45.17932	55.28291	55.18403	79.97922	0	20.02078	10.14676	9.874012	30.59036	10
1976.695	1977.481	1332.981	55.77734	51.64224	55.65374	55.76498	77.14538	0	22.85462	18.76492	4.089702	30.37341	10
1976.7	1977.486	1332.986	56.46954	57.72318	56.16053	54.89973	76.4739	0	23.5261	5.66758	17.85852	30.79423	10
1976.705	1977.491	1332.991	58.85517	67.18074	58.48434	56.20997	72.46938	0	27.53062	15.14334	12.38729	31.01431	10
1976.71	1977.496	1332.996	61.90827	127.5472	60.02944	56.86509	66.73893	1.486403	31.77467	11.7647	20.00997	30.56799	10
1976.715	1977.5	1333	61.94535	104.2012	60.00471	57.84159	72.83351	0	27.16649	13.13117	14.03532	32.1632	10
1976.72	1977.505	1333.005	60.95649	58.83853	60.62275	61.0801	72.26759	0	27.73241	18.86866	8.863757	30.40585	10
1976.725	1977.51	1333.01	60.75872	58.88437	60.37554	60.40026	72.82163	0	27.17837	16.12705	11.05132	30.51385	10
1976.73	1977.515	1333.015	62.37797	68.05163	61.8341	65.54232	70.35878	0	29.64122	6.078106	23.56312	30.01204	10
1976.735	1977.52	1333.02	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1977.005	1977.783	1333.283	136.5794	68.09747	136.8019	136.5424	0	100	0	0	0	-9999	10
1977.01	1977.788	1333.288	133.8972	100.794	132.5251	129.0641	3.055771	48.21524	48.72899	48.72899	0	-9999	10
1977.015	1977.792	1333.292	131.9071	91.35175	130.7699	129.7069	5.351557	50.30584	44.3426	44.3426	0	-9999	10
1977.02	1977.797	1333.297	130.9059	83.92627	130.1024	127.5437	5.483162	57.41513	37.10171	33.82151	3.280204	-9999	10
1977.025	1977.802	1333.302	135.8007	154.178	133.7488	129.9912	0	31.28779	68.71221	68.71221	0	-9999	10
1977.03	1977.807	1333.307	134.1938	101.1454	133.5758	131.4497	0	75.99124	24.00876	24.00876	0	-9999	10
1977.035	1977.812	1333.312	135.9738	149.1055	135.5535	135.9243	0	94.34197	5.658031	5.658031	0	-9999	10
1977.04	1977.817	1333.317	139.1134	119.9994	137.3582	135.0096	0	47.17145	52.82855	52.82855	0	-9999	10
1977.045	1977.822	1333.322	142.562	145.3316	139.855	141.4001	0	9.027826	90.97217	90.97217	0	-9999	10
1977.05	1977.826	1333.326	140.3495	102.9331	139.6078	140.3124	0	97.80223	2.197767	2.197767	0	-9999	10
1977.055	1977.831	1333.331	137.0615	86.93619	136.0727	134.7377	0.528504	71.44804	28.02345	28.02345	0	-9999	10
1977.06	1977.836	1333.336	131.3509	70.374	130.7328	128.99	6.916488	63.68937	29.39414	15.83519	13.55896	-9999	10
1977.065	1977.841	1333.341	125.7391	64.53752	125.9121	125.2817	7.360826	66.22094	26.41823	25.54929	0.868943	-9999	10
1977.07	1977.846	1333.346	124.6884	74.4076	125.3312	125.4301	2.298639	74.53402	23.16734	23.16734	0	-9999	10
1977.075	1977.851	1333.351	124.1569	83.17761	124.8244	125.121	0.473695	73.67552	25.85079	25.85079	0	-9999	10
1977.08	1977.856	1333.356	121.3139	85.17913	121.7466	120.1891	4.424976	58.95825	36.61677	36.61677	0	-9999	10
1977.085	1977.861	1333.361	120.115	86.9973	120.424	119.6082	6.046007	53.17421	40.77978	36.62657	4.153216	-9999	10
1977.09	1977.865	1333.365	118.9036	75.82852	119.1879	120.9555	10.05489	48.7304	41.21471	23.14594	18.06877	25.02324	10
1977.095	1977.87	1333.37	118.471	67.37937	118.4463	118.3721	14.89249	41.72003	43.38748	36.00806	7.379415	25.82936	10
1977.1	1977.875	1333.375	117.5439	85.04162	117.5563	117.8653	11.18373	41.4733	47.34297	33.67361	13.66936	26.19988	10
1977.105	1977.88	1333.38	117.7417	91.09201	117.1978	119.6452	13.84839	33.23725	52.91437	31.95513	20.95924	26.561	10
1977.11	1977.885	1333.385	117.3832	87.89875	117.4079	118.6687	10.54434	41.5172	47.93846	35.9551	11.98336	26.09823	10
1977.115	1977.89	1333.39	116.8888	107.6695	115.9247	115.6156	13.87835	26.47661	59.64503	34.70931	24.93572	27.93041	10
1977.12	1977.895	1333.395	115.5662	73.17002	115.319	116.2213	17.88786	32.72594	49.3862	26.39862	22.98758	26.7372	10
1977.125	1977.899	1333.399	113.3165	61.63455	112.7232	113.2795	25.43141	23.64706	50.92153	22.0157	28.90583	27.70309	10
1977.13	1977.904	1333.404	112.5131	57.15787	112.0805	112.0434	26.00859	24.25716	49.73425	27.16569	22.56856	27.76772	10
1977.135	1977.909	1333.409	111.5242	70.92404	110.9927	111.4748	24.35329	22.64636	53.00035	24.86585	28.1345	27.86845	10
1977.14	1977.914	1333.414	110.4365	55.37025	109.9915	110.6714	28.44746	21.19692	50.35561	17.34135	33.01426	28.02458	10
1977.145	1977.919	1333.419	109.2622	55.5536	108.9408	110.0162	28.52547	21.07014	50.4044	23.21469	27.18971	27.98333	10
1977.15	1977.924	1333.424	108.7307	59.58719	108.3352	108.2116	28.6131	19.91051	51.47639	21.99135	29.48505	28.32057	10
1977.155	1977.929	1333.429	108.7554	76.57718	108.3105	107.8778	24.86196	20.57592	54.56212	40.74746	13.81466	28.27229	10
1977.16	1977.934	1333.434	108.6071	66.85989	108.6936	110.7455	23.2308	25.26553	51.50368	28.49438	23.00929	27.39612	10
1977.165	1977.938	1333.438	107.6801	82.44423	107.1856	107.3216	24.81467	19.26359	55.92173	30.47295	25.44878	28.28785	10
1977.17	1977.943	1333.443	106.0361	86.50838	105.4551	104.8742	26.01418	17.04973	56.93609	34.33687	22.59922	28.5987	10
1977.175	1977.948	1333.448	104.0213	78.28841	104.1078	105.9001	24.68406	20.14547	55.17047	34.88106	20.2894	27.93008	10

1977.18	1977.953	1333.453	104.2685	84.06378	103.9595	105.0719	26.12444	17.50253	56.37302	23.15934	33.21368	28.24278	10
1977.185	1977.958	1333.458	103.9224	62.44432	103.9471	101.6357	29.08828	18.44958	52.46214	38.38366	14.07849	28.88766	10
1977.19	1977.963	1333.463	106.2215	53.06316	105.9496	108.0509	31.54245	17.78372	50.67383	33.85595	16.81789	28.21281	10
1977.195	1977.968	1333.468	107.4699	55.96613	107.1609	107.952	29.97876	19.04802	50.97322	19.44057	31.53265	28.27907	10
1977.2	1977.972	1333.472	106.8148	66.37097	106.6294	104.1943	27.10554	20.1698	52.72466	24.75747	27.96719	28.71056	10
1977.205	1977.977	1333.477	104.8618	72.10051	104.7629	102.6245	26.84518	19.0989	54.05592	34.98735	19.06857	28.74638	10
1977.21	1977.982	1333.482	102.6492	62.81101	102.5256	101.2525	31.32039	15.95233	52.72728	32.06028	20.667	28.94595	10
1977.215	1977.987	1333.487	102.4267	65.9126	102.402	100.004	30.00814	16.70132	53.29055	31.42071	21.86984	29.04825	10
1977.22	1977.992	1333.492	101.475	59.34273	101.7345	100.8817	30.27038	17.41384	52.31578	26.01281	26.30297	28.7424	10
1977.225	1977.997	1333.497	100.6221	65.34729	100.0288	98.16229	36.21184	10.98116	52.807	23.98805	28.81895	29.59959	10
1977.23	1978.002	1333.502	99.96696	60.36641	99.9546	100.1524	33.51752	14.06721	52.41527	20.34479	32.07048	28.88237	10
1977.235	1978.007	1333.507	99.64558	58.34961	99.85571	100.8817	32.57693	15.14069	52.28237	19.10348	33.17889	28.62785	10
1977.24	1978.011	1333.511	99.3242	53.96461	99.39836	99.12643	34.98753	13.63676	51.37571	31.54076	19.83495	29.09626	10
1977.245	1978.016	1333.516	98.23646	48.18923	98.36006	98.33534	37.00271	12.60432	50.39297	33.71087	16.6821	29.25713	10
1977.25	1978.021	1333.521	97.3712	50.00741	97.2476	97.75439	39.27466	10.51573	50.20961	33.84591	16.36371	29.42127	10
1977.255	1978.026	1333.526	96.65428	49.38098	96.60484	95.9868	39.51105	10.36589	50.12306	18.6663	31.45676	29.64554	10
1977.26	1978.031	1333.531	94.71365	48.18923	94.97322	95.73959	39.18994	10.52	50.29006	26.67656	23.6135	29.32957	10
1977.265	1978.036	1333.536	93.72479	43.3917	93.70007	93.46521	43.46399	8.036203	48.4998	21.98327	26.51653	30.02886	10
1977.27	1978.041	1333.541	92.40219	47.02805	92.22914	91.62346	44.95034	6.755243	48.29442	30.10569	18.18873	30.23326	10
1977.275	1978.045	1333.545	91.96956	49.04484	91.74707	90.38739	45.24347	6.420347	48.33618	33.43792	14.89826	30.38188	10
1977.28	1978.05	1333.55	92.46399	55.93557	92.25386	92.15498	43.02524	7.220692	49.75406	19.8536	29.90047	29.83545	10
1977.285	1978.055	1333.555	91.17848	53.93405	91.17848	90.7953	43.06376	7.289191	49.64705	28.42682	21.22023	29.86672	10
1977.29	1978.06	1333.56	89.55922	49.59488	89.20076	89.60867	48.38163	4.654465	46.96391	23.32574	23.63816	30.3855	10
1977.295	1978.065	1333.565	88.06357	58.54824	87.77928	86.77806	47.01614	4.861937	48.12192	32.26368	15.85824	30.29476	10
1977.3	1978.07	1333.57	87.1736	77.93699	86.95111	85.91281	42.66386	6.001805	51.33434	16.99291	34.34142	29.54193	10
1977.305	1978.075	1333.575	86.51848	77.12722	86.61737	83.72496	40.97184	6.777752	52.2504	26.48973	25.76067	29.71962	10
1977.31	1978.08	1333.58	86.27127	74.22425	86.44432	85.90045	41.32702	6.720263	51.95271	34.41717	17.53554	29.34406	10
1977.315	1978.084	1333.584	86.1353	159.5562	86.1353	82.92151	22.14293	11.82245	66.03462	35.33445	30.70017	28.37871	10
1977.32	1978.089	1333.589	80.16507	247.7299	76.80295	72.30364	32.35391	7.618149	60.02794	26.99555	33.03239	26.3356	8
1977.325	1978.094	1333.594	82.72374	203.5896	79.59647	71.40131	38.86179	5.061483	56.07673	20.989	35.08773	28.26802	8
1977.33	1978.099	1333.599	82.85971	158.1505	82.52597	73.68804	28.08313	9.403087	62.51379	32.43458	30.0792	29.07066	8
1977.335	1978.104	1333.604	78.96608	164.751	76.49393	69.55956	46.64061	3.911942	49.44744	18.16478	31.28266	28.9322	8
1977.34	1978.109	1333.609	76.29616	179.9992	73.24306	69.32471	49.90927	3.788582	46.30215	17.87645	28.4257	28.11319	8
1977.345	1978.114	1333.614	71.50019	171.0458	70.85744	62.45214	37.80811	6.864026	55.32786	27.93633	27.39153	28.00407	8
1977.35	1978.118	1333.618	72.19239	176.8365	70.8698	68.32349	41.03871	6.273915	52.68737	27.98763	24.69974	26.93157	8
1977.355	1978.123	1333.623	74.8994	249.8537	75.14661	71.45075	8.71205	14.50972	76.77823	72.80697	3.971263	27.86705	8
1977.36	1978.128	1333.628	72.99584	229.7774	73.25542	72.69918	15.22599	12.66421	72.10981	51.24577	20.86403	26.61977	8
1977.365	1978.133	1333.633	69.79441	129.732	70.54842	66.02439	38.55046	5.9117	55.53784	27.24526	28.29258	28.15607	8
1977.37	1978.138	1333.638	73.46555	43.16252	74.21955	75.91297	56.12283	1.106862	42.77031	21.04459	21.72572	30.6433	8
1977.375	1978.143	1333.643	66.87728	71.30601	66.93908	68.75611	60.73787	0.349704	38.91243	8.834363	30.07806	30.33387	8
1977.38	1978.148	1333.648	63.14434	108.4029	61.15426	59.48556	71.09682	0.141115	28.76207	23.21568	5.546383	31.83946	8
1977.385	1978.153	1333.653	60.35081	72.14634	59.13946	59.17654	76.40581	0	23.59419	6.836506	16.75768	31.18336	8
1977.39	1978.157	1333.657	60.33845	81.26777	59.20127	56.29649	73.63502	0	26.36498	7.513534	18.85144	31.71077	8
1977.395	1978.162	1333.662	61.47564	99.00642	58.70684	54.92445	80.94109	0	19.05891	19.05891	0	33.22466	8
1977.4	1978.167	1333.667	62.4645	92.69628	59.7575	56.81565	81.07941	0	18.92059	17.72692	1.193665	32.85712	8
1977.405	1978.172	1333.672	65.43107	149.5944	61.58689	57.02578	73.39402	1.082352	25.52363	10.65944	14.86419	32.04785	8
1977.41	1978.177	1333.677	71.58672	157.4324	70.33829	68.21224	45.71693	5.008857	49.27421	33.83399	15.44022	27.51803	4
1977.415	1978.182	1333.682	73.68804	163.1467	73.2925	73.73749	35.79096	7.15473	57.05431	38.47674	18.57757	26.66435	4
1977.42	1978.187	1333.687	69.10221	170.1596	68.42237	61.01829	40.51609	6.377122	53.10678	23.32823	29.77855	27.7433	4
1977.425	1978.191	1333.691	71.93282	110.4808	72.04407	68.76847	46.2233	4.094235	49.68247	18.41851	31.26396	28.86783	4
1977.43	1978.196	1333.696	71.89574	94.54502	72.83515	73.49027	43.69556	4.430891	51.87355	32.68092	19.19263	28.32059	4
1977.435	1978.201	1333.701	71.50019	101.3593	71.43839	73.16889	50.16984	3.095439	46.73472	24.4702	22.26452	28.48267	4
1977.44	1978.206	1333.706	71.58672	68.49472	70.9934	70.22704	62.16269	0.035098	37.80221	22.51879	15.28342	31.43453	4
1977.445	1978.211	1333.711	69.31234	70.08371	68.43473	67.38407	66.07388	0	33.92612	6.015611	27.91051	31.19097	4
1977.45	1978.216	1333.716	68.5707	74.71317	67.33463	66.64243	68.41393	0	31.58607	21.20874	10.37733	31.0939	4
1977.455	1978.221	1333.721	64.34333	46.00437	64.05903	63.72529	71.87438	0	28.12562	12.38906	15.73657	30.46872	4
1977.46	1978.226	1333.726	58.92933	41.64992	58.64503	59.18891	77.90904	0	22.09096	12.88941	9.201552	30.30861	4
1977.465	1978.23	1333.73	57.28535	42.15412	57.38424	56.67968	76.32981	0	23.67019	20.37591	3.294274	30.22936	4
1977.47	1978.235	1333.735	53.26812	47.47113	52.63772	51.41401	84.3909	0	15.6091	3.955342	11.65376	31.51644	4
1977.475	1978.24	1333.74	47.43385	39.60257	46.74165	46.60568	92.14159	0	7.858406	7.858406	0	32.50402	4
1977.48	1978.245	1333.745	46.03709	76.08826	44.45491	43.15704	91.49437	0	8.505635	6.676029	1.829606	34.10479	4
1977.485	1978.25	1333.75	45.83932	151.871	41.88388	39.41174	91.72967	1.828518	6.44181	6.44181	0	35.41372	4
1977.49	1978.255	1333.755	51.31512	176.6073	48.21258	41.73555	74.09584	3.792046	22.11211	14.42578	7.686329	30.56735	4
1977.495	1978.26	1333.76	49.47337	259.846	45.41905	34.02246	63.02274	8.988509	27.98875	10.91192	17.07683	26.64309	4
1977.5	1978.264	1333.764	52.63772	164.751	50.99374	42.48956	64.44439	3.809564	31.74604	24.70535	7.04069	29.35191	4
1977.505	1978.269	1333.769	56.7044	70.41984	55.57957	53.56477	79.50776	0	20.49224	19.60246	0.889779	31.79424	4
1977.51	1978.274	1333.774	60.62275	111.8253	60.61039	50.73417	57.26114	2.064392	40.67447	17.48756	23.18691	30.51516	4
1977.515	1978.279	1333.779	60.26429	157.738	57.6809	47.17427	66.40555	2.866335	30.72811	23.41718	7.310935	30.90329	4
1977.52	1978.284	1333.784	57.63145	121.0384	56.0122	49.57226	70.237	1.073008	28.68999	21.91876	6.771226	31.74405	4
1977.525	1978.289	1333.789	54.85029	115.0797	53.55241	46.72929	71.747	0.766498	27.48651	17.7966	9.689905	32.10613	4
1977.53	1978.294	1333.794	51.45109	72.13106	50.05433	46.74165	86.03419	0	13.96581	9.692704	4.273103	33.13412	4
1977.535	1978.299	1333.799	50.77125	74.07147	48.65756	45.20892	91.74622	0	8.253783	8.253783	0	34.63886	4
1977.54	1978.303	1333.803	54.45475	235.0638	49.89364	44.39311	68.36479	6.874363	24.76085	16.61411	8.146741	27.70227	4

1977.545	1978.308	1333.808	55.51777	331.6104	49.00366	39.56006	59.15826	12.24566	28.59608	21.88981	6.706279	24.17726	4
1977.55	1978.313	1333.813	55.74026	252.0538	50.99374	42.1311	64.50747	7.845836	27.6467	12.7748	14.8719	27.21744	4
1977.555	1978.318	1333.818	56.92689	252.2219	52.34106	45.23364	62.12975	7.886404	29.98384	19.50121	10.48264	26.59167	4
1977.56	1978.323	1333.823	60.01707	195.6905	60.17776	61.85882	36.18186	7.810502	56.00764	31.49823	24.50941	24.75083	4
1977.565	1978.328	1333.828	62.8106	110.2821	63.71293	62.39033	48.53289	3.243539	48.22358	20.01301	28.21057	28.16177	4
1977.57	1978.333	1333.833	59.88111	109.4265	59.95527	58.73156	57.85339	1.890298	40.25632	15.85214	24.40417	29.01315	4
1977.575	1978.337	1333.837	56.34594	181.1909	54.77612	50.22738	56.47959	5.112153	38.40826	19.3459	19.06236	27.23369	4
1977.58	1978.342	1333.842	60.31373	185.2092	64.30625	67.97739	8.748734	11.12912	80.12214	67.95197	12.17017	27.40229	4
1977.585	1978.347	1333.847	54.38058	142.3064	55.98748	54.78849	43.07827	4.620611	52.30112	33.82965	18.47147	26.4628	4
1977.59	1978.352	1333.852	50.17793	168.0512	49.34976	40.48712	59.58623	4.38531	36.02846	25.44305	10.58541	28.35001	4
1977.595	1978.357	1333.857	51.43873	214.0861	47.53274	41.57486	71.13897	5.915854	22.94518	20.78442	2.160756	28.71224	4
1977.6	1978.362	1333.862	54.46711	168.6776	52.48939	43.49078	64.39759	3.927467	31.67494	10.48021	21.19473	29.46782	4
1977.605	1978.367	1333.867	48.96658	194.1473	45.64154	37.35985	73.73613	4.889674	21.37419	14.68491	6.689286	30.10748	4
1977.61	1978.372	1333.872	50.83305	195.721	49.2756	39.04091	57.93936	5.887167	36.17347	18.1151	18.05838	27.63287	4
1977.615	1978.376	1333.876	55.49305	203.3451	52.03204	47.92828	66.55966	5.343015	28.09732	20.17991	7.917414	28.0767	4
1977.62	1978.381	1333.881	54.70196	207.012	52.78605	40.91974	54.42562	6.561103	39.01328	25.82521	13.18807	27.48972	4
1977.625	1978.386	1333.886	52.42759	123.9414	50.48695	44.98643	76.81273	0.876478	22.31079	18.37559	3.935204	32.67217	4
1977.63	1978.391	1333.891	48.38563	118.8994	46.49443	39.96797	81.36831	0.465915	18.16577	7.182899	10.98287	33.95069	4
1977.635	1978.396	1333.896	48.21258	93.62829	47.53274	47.24844	78.25515	0	21.74485	21.39186	0.352996	31.71938	4
1977.64	1978.401	1333.901	48.63284	87.86819	47.63162	45.5303	81.75313	0	18.24687	13.33182	4.915043	32.51155	4
1977.645	1978.406	1333.906	46.43263	87.0737	45.29544	42.22998	85.02335	0	14.97665	14.97665	0	33.26079	4
1977.65	1978.41	1333.91	47.5451	79.64822	47.18664	46.34611	79.76172	0	20.23828	18.1012	2.137081	31.45229	4
1977.655	1978.415	1333.915	45.91348	85.45415	45.08531	44.93698	83.498	0	16.502	16.502	0	32.26339	4
1977.66	1978.42	1333.92	51.01846	114.6977	50.00488	51.77247	73.16141	0.724486	26.1141	9.21954	16.89456	30.56899	4
1977.665	1978.425	1333.925	54.03448	111.2753	53.03326	49.37448	71.11911	0.661411	28.21948	18.91101	9.308466	31.42189	4
1977.67	1978.43	1333.93	48.50923	69.76285	47.69343	46.44499	84.81141	0	15.18859	13.20477	1.983823	32.22728	4
1977.675	1978.435	1333.935	49.6217	81.35944	48.3609	46.95178	84.43021	0	15.56979	10.17433	5.395464	32.72809	4
1977.68	1978.44	1333.94	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1978.005	1978.757	1334.257	138.4954	134.8198	138.4706	137.7166	0	100	0	0	0	-9999	-9999
1978.01	1978.763	1334.263	140.3371	152.5738	139.9292	139.3482	0	100	0	0	0	-9999	11
1978.015	1978.769	1334.269	140.3247	169.0596	139.7067	142.7969	0	100	0	0	0	-9999	11
1978.02	1978.775	1334.275	139.3359	180.4422	138.9774	136.4064	0	100	0	0	0	-9999	11
1978.025	1978.781	1334.281	139.0516	303.0391	138.4583	138.5695	0	100	0	0	0	-9999	11
1978.03	1978.786	1334.286	141.8698	220.2282	141.7957	139.9539	0	100	0	0	0	-9999	11
1978.035	1978.792	1334.292	136.7896	208.7691	136.7772	133.1432	0	100	0	0	0	-9999	11
1978.04	1978.798	1334.298	136.9503	163.437	137.2222	135.9243	0	100	0	0	0	-9999	11
1978.045	1978.804	1334.304	137.4571	155.7518	138.1245	139.0887	0	100	0	0	0	-9999	11
1978.05	1978.81	1334.31	140.3495	183.0091	141.7462	142.1294	0	100	0	0	0	-9999	11
1978.055	1978.816	1334.316	141.4125	177.3865	142.2407	141.8575	0	100	0	0	0	-9999	11
1978.06	1978.822	1334.322	139.6202	167.4553	140.2629	140.3	0	100	0	0	0	-9999	11
1978.065	1978.828	1334.328	135.3681	159.2659	135.7018	136.3817	0	100	0	0	0	-9999	11
1978.07	1978.834	1334.334	134.0826	165.3163	134.8366	136.9379	0	100	0	0	0	-9999	11
1978.075	1978.84	1334.34	132.7229	153.7044	134.0084	136.0479	0	100	0	0	0	-9999	11
1978.08	1978.845	1334.345	133.1061	154.01	133.8724	133.2297	0	100	0	0	0	-9999	11
1978.085	1978.851	1334.351	130.3496	209.8844	131.3385	134.4658	0	100	0	0	0	-9999	11
1978.09	1978.857	1334.357	126.1223	178.3032	126.3571	125.566	0	76.82182	23.17818	23.17818	0	-9999	11
1978.095	1978.863	1334.363	124.8367	140.0605	125.5908	127.1976	0	82.25941	17.74059	17.74059	0	-9999	11
1978.1	1978.869	1334.369	126.9875	158.2269	128.0876	129.6945	0	100	0	0	0	-9999	11
1978.105	1978.875	1334.375	126.147	158.945	126.6043	127.346	0	81.30542	18.69458	18.69458	0	-9999	11
1978.11	1978.881	1334.381	123.885	168.8915	124.8615	126.8639	0	85.67468	14.32532	14.32532	0	-9999	11
1978.115	1978.887	1334.387	121.7095	156.0573	123.0815	125.5537	0	84.78916	15.21084	15.21084	0	-9999	11
1978.12	1978.893	1334.393	121.7095	128.0514	122.1916	122.6983	0	64.09503	35.90497	35.90497	0	-9999	11
1978.125	1978.898	1334.398	123.4153	138.2881	124.5277	125.2817	0	84.84595	15.15405	15.15405	0	-9999	11
1978.13	1978.904	1334.404	123.4771	140.5035	123.8108	125.529	0	67.46308	32.53692	32.53692	0	-9999	11
1978.135	1978.91	1334.41	122.0432	160.3201	121.9938	117.5934	0	56.32116	43.67884	43.67884	0	-9999	11
1978.14	1978.916	1334.416	119.1879	150.9084	120.3498	120.1891	0	70.7174	29.2826	29.2826	0	-9999	11
1978.145	1978.922	1334.422	115.8999	140.1216	115.8011	114.8122	0.228998	40.06563	59.70537	59.70537	0	-9999	11
1978.15	1978.928	1334.428	117.0495	151.3515	117.2473	117.4327	0	47.85935	52.14065	52.14065	0	-9999	11
1978.155	1978.934	1334.434	116.3944	168.9221	116.6663	114.4537	0	48.73483	51.26517	51.26517	0	-9999	11
1978.16	1978.94	1334.44	118.1002	183.7119	117.2102	116.7776	0	34.5007	65.4993	65.4993	0	-9999	11
1978.165	1978.946	1334.446	117.0495	160.809	117.4821	117.5934	0	52.30976	47.69024	47.69024	0	-9999	11
1978.17	1978.952	1334.452	115.8134	140.0757	115.6651	115.1089	0.702876	39.15782	60.13931	60.13931	0	-9999	11
1978.175	1978.957	1334.457	118.0631	124.1553	118.4092	117.9395	0	50.92364	49.07636	49.07636	0	-9999	11
1978.18	1978.963	1334.463	118.0013	118.4257	118.8418	118.2114	0	58.91542	41.08458	41.08458	0	-9999	11
1978.185	1978.969	1334.469	120.8937	178.5782	122.1545	123.5636	0	80.72091	19.27909	19.27909	0	-9999	11
1978.19	1978.975	1334.475	122.5871	176.485	123.6996	126.3942	0	84.03678	15.96322	15.96322	0	-9999	11
1978.195	1978.981	1334.481	120.6835	223.2381	121.5612	120.9555	0	75.1886	24.8114	24.8114	0	-9999	11
1978.2	1978.987	1334.487	120.3127	172.6501	120.5476	119.8307	0	58.09127	41.90873	41.90873	0	-9999	11
1978.205	1978.993	1334.493	118.4215	222.245	119.1755	121.0667	0	65.63361	34.36639	34.36639	0	-9999	11
1978.21	1978.999	1334.499	121.1038	195.0335	121.2892	122.6365	0	60.82082	39.17918	39.17918	0	-9999	11
1978.215	1979.005	1334.505	118.7429	201.0075	119.4104	120.0037	0	63.5908	36.4092	36.4092	0	-9999	11
1978.22	1979.011	1334.511	118.644	162.6272	118.3721	118.644	0	44.2957	55.7043	55.7043	0	-9999	11
1978.225	1979.016	1334.516	117.272	177.2643	117	118.1867	0	42.54422	57.45578	57.45578	0	-9999	11

1978.23	1979.022	1334.522	113.7986	228.9218	114.0582	118.644	0	47.0969	52.9031	52.9031	0	-9999	11
1978.235	1979.028	1334.528	112.1423	210.0678	111.549	110.795	0	32.09893	67.90107	67.90107	0	-9999	11
1978.24	1979.034	1334.534	115.4055	208.5246	115.0965	114.1818	0	40.67901	59.32099	59.32099	0	-9999	11
1978.245	1979.04	1334.54	118.2114	227.562	117.7911	116.073	0	45.32602	54.67398	54.67398	0	-9999	11
1978.25	1979.046	1334.546	118.8789	259.9988	118.6193	118.8665	0	51.56988	48.43012	48.43012	0	-9999	11
1978.255	1979.052	1334.552	119.67	224.1395	119.4722	119.7688	0	51.95768	48.04232	48.04232	0	-9999	11
1978.26	1979.058	1334.558	120.0531	231.3969	119.6823	119.4969	0	50.14708	49.85292	49.85292	0	-9999	10
1978.265	1979.064	1334.564	118.4463	265.1325	118.4215	115.0965	0	55.01256	44.98744	44.98744	0	-9999	10
1978.27	1979.069	1334.569	119.9172	256.7903	120.152	123.8355	0	62.70469	37.29531	37.29531	0	-9999	10
1978.275	1979.075	1334.575	117.9271	260.121	117.7664	117.136	0	51.25886	48.74114	48.74114	0	-9999	10
1978.28	1979.081	1334.581	116.0483	273.2608	115.5662	116.1966	0	43.60043	56.39957	56.39957	0	-9999	10
1978.285	1979.087	1334.587	117.2225	234.7735	116.4685	112.8468	0	38.75819	61.24181	61.24181	0	-9999	10
1978.29	1979.093	1334.593	119.5216	152.7571	119.6947	120.3374	0	53.50845	46.49155	46.49155	0	-9999	10
1978.295	1979.099	1334.599	120.6094	185.3009	120.8319	121.6477	0	59.52	40.48	40.48	0	-9999	10
1978.3	1979.105	1334.605	121.66	218.9753	121.623	123.1804	0	59.5133	40.4867	40.4867	0	-9999	10
1978.305	1979.111	1334.611	122.1668	270.4189	122.2904	121.4252	0	67.66225	32.33775	32.33775	0	-9999	10
1978.31	1979.117	1334.617	122.4758	245.4228	121.9567	122.1297	0	53.53023	46.46977	46.46977	0	-9999	10
1978.315	1979.123	1334.623	123.1681	237.8751	123.6254	125.838	0	75.75937	24.24063	24.24063	0	-9999	10
1978.32	1979.128	1334.628	125.1334	184.8884	125.7144	127.4449	0	82.2101	17.7899	17.7899	0	-9999	10
1978.325	1979.134	1334.634	123.0074	212.8638	123.3782	125.1087	0	71.62817	28.37183	28.37183	0	-9999	10
1978.33	1979.14	1334.64	121.4746	212.5888	121.6848	122.3028	0	63.54505	36.45495	36.45495	0	-9999	10
1978.335	1979.146	1334.646	123.4894	193.0778	123.7861	123.3905	0	70.22209	29.77791	29.77791	0	-9999	10
1978.34	1979.152	1334.652	122.1421	253.4595	122.3275	122.5006	0	67.73028	32.26972	32.26972	0	-9999	10
1978.345	1979.158	1334.658	121.932	194.9112	122.1174	119.9048	0	63.16558	36.83442	36.83442	0	-9999	10
1978.35	1979.164	1334.664	120.5229	194.7585	120.9555	120.5599	0	63.98105	36.01895	36.01895	0	-9999	10
1978.355	1979.17	1334.67	118.6317	188.433	118.916	118.953	0	55.6342	44.3658	44.3658	0	-9999	10
1978.36	1979.176	1334.676	117.3214	233.5207	117.9518	119.4475	0	61.18426	38.81574	38.81574	0	-9999	10
1978.365	1979.181	1334.681	118.953	242.3977	119.1014	119.4598	0	57.68622	42.31378	42.31378	0	-9999	10
1978.37	1979.187	1334.687	118.0754	248.1883	118.3103	119.1508	0	57.42874	42.57126	42.57126	0	-9999	10
1978.375	1979.193	1334.693	117.1607	246.6299	117.3461	116.2584	0	54.34473	45.65527	45.65527	0	-9999	10
1978.38	1979.199	1334.699	116.209	224.384	116.2955	114.5403	0	49.19412	50.80588	50.80588	0	-9999	10
1978.385	1979.205	1334.705	116.2584	215.9959	116.1224	116.073	0	45.31918	54.68082	54.68082	0	-9999	10
1978.39	1979.211	1334.711	113.4525	212.2832	113.2671	112.5996	0	39.34301	60.65699	60.65699	0	-9999	10
1978.395	1979.217	1334.717	112.2288	139.1132	112.0434	109.9421	4.521046	32.44461	63.03434	63.03434	0	-9999	10
1978.4	1979.223	1334.723	114.0087	104.6901	113.8728	114.0829	10.8307	33.68466	55.48464	44.81874	10.66591	27.38209	10
1978.405	1979.229	1334.729	115.764	117.4173	115.9741	114.0211	3.453625	42.91444	53.63193	53.63193	0	-9999	10
1978.41	1979.235	1334.735	119.2868	172.6195	119.4846	118.5946	0	54.69733	45.30267	45.30267	0	-9999	10
1978.415	1979.24	1334.74	119.0519	176.9434	119.2497	122.4511	0	54.39329	45.60671	45.60671	0	-9999	10
1978.42	1979.246	1334.746	116.7034	164.1398	117.1113	119.0148	0	51.28967	48.71033	48.71033	0	-9999	10
1978.425	1979.252	1334.752	114.5403	153.3377	114.0829	113.7245	1.059673	33.43795	65.50238	65.50238	0	-9999	10
1978.43	1979.258	1334.758	114.2683	175.278	113.9593	113.1682	0	36.52221	63.47779	63.47779	0	-9999	10
1978.435	1979.264	1334.764	114.3919	196.2711	114.3178	114.0211	0	41.39609	58.60391	58.60391	0	-9999	10
1978.44	1979.27	1334.77	114.4661	209.6247	113.8233	111.8333	0	34.58943	65.41057	65.41057	0	-9999	10
1978.445	1979.276	1334.776	114.1818	184.6286	114.0335	113.1188	0	39.21144	60.78856	60.78856	0	-9999	10
1978.45	1979.282	1334.782	113.3784	204.5216	113.2053	110.4736	0	38.85981	61.14019	61.14019	0	-9999	10
1978.455	1979.288	1334.788	113.9593	208.1885	113.8975	113.2177	0	41.59564	58.40436	58.40436	0	-9999	10
1978.46	1979.293	1334.793	114.1076	220.5185	114.2807	114.5897	0	45.94065	54.05935	54.05935	0	-9999	10
1978.465	1979.299	1334.799	112.2535	248.0661	112.5255	112.2535	0	45.59919	54.40081	54.40081	0	-9999	10
1978.47	1979.305	1334.805	113.5514	216.8363	113.539	115.1089	0	42.12379	57.87621	57.87621	0	-9999	10
1978.475	1979.311	1334.811	110.9556	174.2085	111.0422	108.6566	0	36.0941	63.9059	63.9059	0	-9999	10
1978.48	1979.317	1334.817	109.3364	173.0932	109.1633	110.523	0	30.68989	69.31011	69.31011	0	-9999	10
1978.485	1979.323	1334.823	106.4316	175.9808	106.7159	105.4057	0	31.54334	68.45666	68.45666	0	-9999	10
1978.49	1979.329	1334.829	104.7753	161.6952	105.0349	104.664	2.464793	28.16352	69.37169	69.37169	0	-9999	10
1978.495	1979.335	1334.835	103.8235	174.8808	103.4156	102.2166	5.322483	22.39533	72.28218	65.72963	6.55255	-9999	10
1978.5	1979.341	1334.841	104.0954	165.8205	103.9471	102.3279	5.253188	24.17841	70.5684	67.15566	3.412741	-9999	10
1978.505	1979.347	1334.847	103.8606	139.2812	104.0584	102.9953	9.209466	25.00529	65.78524	59.5793	6.205939	28.87366	10
1978.51	1979.352	1334.852	104.8494	106.0041	105.3562	105.6776	13.9579	26.68587	59.35624	48.77574	10.5805	28.07063	10
1978.515	1979.358	1334.858	103.1931	123.6511	103.8977	104.0089	9.678428	27.31797	63.0036	47.86169	15.14191	28.47279	11
1978.52	1979.364	1334.864	103.1437	173.0168	104.1078	106.9631	0	32.74097	67.25903	67.25903	0	-9999	11
1978.525	1979.37	1334.87	101.0176	209.64	102.6492	103.5145	0	37.38751	62.61249	62.61249	0	-9999	11
1978.53	1979.376	1334.876	99.74446	177.5546	100.5603	100.6344	0	27.46178	72.53822	72.53822	0	-9999	11
1978.535	1979.382	1334.882	99.25004	215.5987	100.4614	103.5392	0	32.18679	67.81321	67.81321	0	-9999	11
1978.54	1979.388	1334.888	99.05226	265.9881	100.14	102.7605	0	34.48527	65.51473	65.51473	0	-9999	11
1978.545	1979.394	1334.894	97.63078	226.5536	98.95338	99.83099	0	31.64984	68.35016	68.35016	0	-9999	11
1978.55	1979.4	1334.9	96.48123	198.5018	97.22288	99.16351	0	24.90083	75.09917	75.09917	0	-9999	11
1978.555	1979.406	1334.906	97.0251	284.1545	97.3094	100.758	0	28.46526	71.53474	71.53474	0	-9999	11
1978.56	1979.411	1334.911	96.70373	232.6498	97.40829	98.52075	0	27.20187	72.79813	72.79813	0	-9999	11
1978.565	1979.417	1334.917	96.32054	205.9578	96.9633	98.43423	0	24.66788	75.33212	75.33212	0	-9999	11
1978.57	1979.423	1334.923	97.22288	222.4436	97.90272	100.2883	0	26.87396	73.12604	73.12604	0	-9999	11
1978.575	1979.429	1334.929	98.71852	194.1779	99.15115	99.17587	0	24.88397	75.11603	75.11603	0	-9999	11
1978.58	1979.435	1334.935	94.49115	200.3046	95.2328	99.02754	0	23.17542	76.82458	76.82458	0	-9999	11
1978.585	1979.441	1334.941	93.32925	215.5223	94.23158	97.43301	0	24.02326	75.97674	75.97674	0	-9999	11
1978.59	1979.447	1334.947	96.76553	176.2406	96.85205	97.50717	7.654922	19.80142	72.54365	57.43139	15.11226	-9999	11

1978.595	1979.453	1334.953	97.55662	162.1841	98.19937	98.78033	6.017982	22.90954	71.07248	65.31255	5.759928	-9999	11
1978.6	1979.459	1334.959	93.92256	177.5546	94.57768	96.49359	5.54587	20.69451	73.75962	68.05474	5.704875	-9999	11
1978.605	1979.464	1334.964	94.6024	157.9825	95.0103	95.20808	11.57278	18.63078	69.79644	45.37689	24.41955	28.66382	11
1978.61	1979.47	1334.97	93.34161	160.809	93.78659	96.77789	11.76129	18.03107	70.20764	55.43664	14.771	28.1122	11
1978.615	1979.476	1334.976	93.30452	185.0564	93.58882	93.29216	7.17288	18.84203	73.98509	67.74776	6.237336	-9999	11
1978.62	1979.482	1334.982	93.74951	183.2535	93.92256	94.81253	8.061954	18.4824	73.45564	68.78626	4.66938	28.7589	11
1978.625	1979.488	1334.988	91.30209	195.3849	91.74707	94.10797	5.270296	18.8936	75.8361	72.4602	3.375899	-9999	11
1978.63	1979.494	1334.994	91.265	173.9335	91.45041	92.56288	12.50736	16.25955	71.23309	50.82896	20.40413	28.27295	11
1978.635	1979.5	1335	88.97827	166.5691	89.15132	91.05487	16.48913	14.3609	69.14997	52.69114	16.45884	27.79559	11
1978.64	1979.506	1335.006	90.26378	208.9219	90.511	93.19328	4.482313	18.27154	77.24614	76.80948	0.436662	-9999	11
1978.645	1979.512	1335.012	87.54442	211.5498	87.54442	89.28729	8.264074	15.99282	75.7431	55.86166	19.88144	28.15595	11
1978.65	1979.518	1335.018	86.67917	235.1097	87.03763	87.18596	0.580545	18.43766	80.98179	80.98179	0	-9999	11
1978.655	1979.523	1335.023	86.16002	197.0961	86.60501	89.02771	9.586879	15.902	74.51112	64.91571	9.595414	27.98483	11
1978.66	1979.529	1335.029	80.46172	194.8654	81.4753	82.89679	10.96254	14.63636	74.4011	48.55015	25.85095	27.84675	11
1978.665	1979.535	1335.035	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1979.015	1979.948	1335.448	139.6573	128.1889	140.2011	137.0739	0	100	0	0	0	-9999	10
1979.02	1979.954	1335.454	139.9786	199.449	141.5361	141.1653	0	100	0	0	0	-9999	10
1979.025	1979.96	1335.46	142.1171	212.3138	144.4285	147.7783	0	100	0	0	0	-9999	10
1979.03	1979.966	1335.466	139.5584	194.2695	140.6214	141.1035	0	100	0	0	0	-9999	10
1979.035	1979.971	1335.471	139.0763	199.6782	140.5967	134.9231	0	100	0	0	0	-9999	10
1979.04	1979.977	1335.477	140.2135	180.3506	141.4001	140.5472	0	100	0	0	0	-9999	10
1979.045	1979.983	1335.483	139.4719	157.356	140.4607	143.3408	0	100	0	0	0	-9999	10
1979.05	1979.989	1335.489	137.5683	164.3537	138.1245	137.2098	0	100	0	0	0	-9999	10
1979.055	1979.995	1335.495	136.839	193.8417	137.6795	137.9638	0	100	0	0	0	-9999	10
1979.06	1980.001	1335.501	139.5213	184.9342	140.9057	142.5126	0	100	0	0	0	-9999	10
1979.065	1980.007	1335.507	137.8526	154.6211	138.4954	140.2877	0	100	0	0	0	-9999	10
1979.07	1980.013	1335.513	136.4558	171.9014	137.284	139.1505	0	100	0	0	0	-9999	10
1979.075	1980.019	1335.519	135.2568	171.4125	136.0479	134.4781	0	100	0	0	0	-9999	10
1979.08	1980.025	1335.525	136.0356	156.6379	136.7525	135.2692	0	100	0	0	0	-9999	10
1979.085	1980.03	1335.53	133.5634	169.2429	134.713	136.0479	0	100	0	0	0	-9999	10
1979.09	1980.036	1335.536	130.943	182.459	131.87	132.6982	0	100	0	0	0	-9999	10
1979.095	1980.042	1335.542	131.2643	143.3454	131.7958	131.6846	0	100	0	0	0	-9999	10
1979.1	1980.048	1335.548	129.1754	140.5494	130.053	132.7723	0	100	0	0	0	-9999	10
1979.105	1980.054	1335.554	129.7934	170.1291	130.8564	134.0702	0	100	0	0	0	-9999	10
1979.11	1980.06	1335.56	132.3397	153.1849	132.9207	133.8601	0	100	0	0	0	-9999	10
1979.115	1980.066	1335.566	129.0765	270.8162	130.6834	132.7723	0	100	0	0	0	-9999	10
1979.12	1980.072	1335.572	126.456	144.1246	127.21	127.964	0	89.3481	10.6519	10.6519	0	-9999	10
1979.125	1980.078	1335.578	125.2323	175.5225	126.6167	131.2396	0	100	0	0	0	-9999	10
1979.13	1980.083	1335.583	123.4029	121.6648	124.3794	124.9233	0	80.52749	19.47251	19.47251	0	-9999	10
1979.135	1980.089	1335.589	121.0667	96.37847	121.4128	121.5735	2.612744	57.23906	40.14819	40.14819	0	-9999	10
1979.14	1980.095	1335.595	117.7911	87.76124	117.7911	117.2843	10.39394	41.99578	47.61028	34.47433	13.13595	26.33201	10
1979.145	1980.101	1335.601	116.1966	117.7076	116.7034	117.4327	0.686261	48.49823	50.8155	50.8155	0	-9999	10
1979.15	1980.107	1335.607	115.8381	112.3142	116.4067	115.2572	1.842271	48.22648	49.93125	49.93125	0	-9999	10
1979.155	1980.113	1335.613	117.1113	118.2882	117.1855	118.2238	3.057088	43.77428	53.16864	53.16864	0	-9999	10
1979.16	1980.119	1335.619	117.3832	144.201	117.6181	116.4067	0	48.75374	51.24626	51.24626	0	-9999	10
1979.165	1980.125	1335.625	115.7022	174.5599	116.2213	115.183	0	51.3396	48.6604	48.6604	0	-9999	10
1979.17	1980.131	1335.631	113.0323	172.8487	112.921	112.7727	0	36.95686	63.04314	63.04314	0	-9999	10
1979.175	1980.137	1335.637	112.1917	128.0514	112.167	113.1929	5.98678	33.64365	60.36957	47.08415	13.28541	-9999	10
1979.18	1980.142	1335.642	110.4736	136.9589	110.8568	111.549	2.250593	36.26172	61.48769	61.48769	0	-9999	10
1979.185	1980.148	1335.648	110.968	175.4003	111.3512	111.7591	0	39.73297	60.26703	60.26703	0	-9999	10
1979.19	1980.154	1335.654	109.0768	243.1005	109.3364	107.1733	0	39.71707	60.28293	60.28293	0	-9999	10
1979.195	1980.16	1335.66	106.9631	262.1684	107.2969	106.2586	0	38.59057	61.40943	61.40943	0	-9999	10
1979.2	1980.166	1335.666	105.4304	259.3265	105.2821	102.5256	0	31.93862	68.06138	68.06138	0	-9999	10
1979.205	1980.172	1335.672	106.4687	234.7583	106.2833	107.6183	0	31.12952	68.87048	68.87048	0	-9999	10
1979.21	1980.178	1335.678	105.0719	242.8102	105.1585	104.0584	0	32.48376	67.51624	67.51624	0	-9999	10
1979.215	1980.184	1335.684	106.1968	171.4278	106.617	106.8148	0	32.19814	67.80186	67.80186	0	-9999	10
1979.22	1980.19	1335.69	105.1708	150.6792	105.4798	103.7617	4.38358	28.3667	67.24972	67.24972	0	-9999	10
1979.225	1980.196	1335.696	105.4675	142.7801	106.6047	108.5947	0	35.91382	64.08618	64.08618	0	-9999	10
1979.23	1980.201	1335.701	107.1238	117.2034	107.4946	108.2734	10.20898	29.40563	60.38539	38.32885	22.05654	28.01658	10
1979.235	1980.207	1335.707	104.8124	158.7311	105.3562	106.444	0.944684	30.52382	68.53149	68.53149	0	-9999	10
1979.24	1980.213	1335.713	103.7493	136.1644	104.4292	106.1968	6.330064	28.71299	64.95695	61.572	3.384948	-9999	10
1979.245	1980.219	1335.719	98.12521	118.3952	98.5702	99.78155	17.62453	19.26893	63.10654	44.01446	19.09208	28.19227	10
1979.25	1980.225	1335.725	89.71991	116.6839	90.43683	92.1797	23.66402	13.67949	62.65649	44.34229	18.31421	27.97227	10
1979.255	1980.231	1335.731	84.49132	157.8602	85.66559	86.04877	14.96522	14.78764	70.24714	54.7319	15.51524	28.21403	10
1979.26	1980.237	1335.737	80.74602	186.3857	81.93265	84.44188	11.41194	14.67535	73.91271	66.31343	7.599274	27.72914	10
1979.265	1980.243	1335.743	81.0674	158.2728	81.66072	83.04512	22.51779	11.30143	66.18078	38.39366	27.78712	27.31435	10
1979.27	1980.249	1335.749	78.86719	141.0536	79.02788	77.58167	32.06187	8.197351	59.74078	28.4802	31.26058	27.73421	10
1979.275	1980.254	1335.754	77.73	152.8182	78.05138	78.96608	29.0157	8.986297	61.99801	43.32704	18.67096	27.06597	10
1979.28	1980.26	1335.76	76.64226	146.6456	77.16141	77.80417	29.97747	8.644442	61.37809	27.22885	34.14924	27.16226	10
1979.285	1980.266	1335.766	73.50263	123.1469	73.50263	73.52735	42.57604	5.125783	52.29818	26.05956	26.23862	27.80693	10
1979.29	1980.272	1335.772	73.89818	114.8199	73.82401	73.37903	44.80203	4.523122	50.67485	16.91156	33.76329	28.23946	10
1979.295	1980.278	1335.778	76.35796	109.9918	75.77701	76.71642	47.63504	3.780417	48.58454	21.9002	26.68434	28.47226	10
1979.3	1980.284	1335.784	76.17255	84.00267	75.3073	71.37659	56.29831	1.418469	42.28323	21.26419	21.01904	30.97672	11

1979.305	1980.29	1335.79	78.65706	95.75204	77.17377	73.76221	55.95899	1.341622	42.69938	13.81492	28.88446	30.76814	11
1979.31	1980.296	1335.796	77.63112	102.1233	76.17255	74.49149	55.16943	1.678884	43.15169	18.20482	24.94687	30.12104	11
1979.315	1980.302	1335.802	76.2838	111.2753	74.99828	74.72634	52.85304	2.451431	44.69553	18.55943	26.13609	29.24797	11
1979.32	1980.308	1335.808	78.26151	163.6356	78.26151	80.59769	28.39959	9.151828	62.44858	33.52269	28.92589	26.63819	11
1979.325	1980.313	1335.813	76.77823	132.9558	76.11075	75.04772	42.36169	5.244084	52.39423	34.18075	18.21348	27.9874	11
1979.33	1980.319	1335.819	77.00072	153.1085	76.14783	77.08724	38.71697	6.267126	55.0159	33.93026	21.08564	27.04687	11
1979.335	1980.325	1335.825	72.35308	87.08898	71.98226	71.46311	55.2335	1.794834	42.97167	25.58412	17.38755	29.8718	11
1979.34	1980.331	1335.831	70.82035	98.2272	69.93038	68.33585	57.97158	1.461081	40.56734	30.36113	10.2062	30.11279	11
1979.345	1980.337	1335.837	71.14173	89.85443	70.70911	69.80677	56.15768	1.653858	42.18846	18.28129	23.90717	29.93164	11
1979.35	1980.343	1335.843	70.61022	88.34184	69.8315	68.45945	59.695	0.931444	39.37356	13.81414	25.55942	30.56545	11
1979.355	1980.349	1335.849	69.06513	104.4457	68.42237	70.68439	56.16561	1.988113	41.84628	22.13784	19.70844	28.86461	11
1979.36	1980.355	1335.855	68.52126	107.1958	68.38529	71.77213	52.0728	2.796577	45.13062	17.33476	27.79586	28.04013	11
1979.365	1980.361	1335.861	70.07871	92.37543	69.28762	69.42359	59.30366	1.107728	39.58862	12.97066	26.61795	30.09018	11
1979.37	1980.366	1335.866	69.12693	77.40224	68.21224	67.68073	64.76076	0	35.23924	21.21628	14.02297	31.19977	11
1979.375	1980.372	1335.872	68.38529	80.5955	67.16158	66.98853	67.06519	0	32.93481	12.37177	20.56303	31.07487	11
1979.38	1980.378	1335.878	68.13807	37.79967	67.50768	66.95144	73.05103	0	26.94897	20.10024	6.848732	30.61699	4
1979.385	1980.384	1335.884	68.13807	56.16475	67.54476	66.148	68.31929	0	31.68071	13.08777	18.59294	30.98689	4
1979.39	1980.39	1335.89	74.73871	188.4025	72.26656	70.77091	44.80612	5.357668	49.83621	19.18402	30.65219	26.86854	4
1979.395	1980.396	1335.896	76.20963	205.4536	72.99584	70.22704	45.07424	5.223456	49.7023	16.44747	33.25483	26.88264	4
1979.4	1980.402	1335.902	70.77091	197.8142	65.66593	60.62275	66.58333	2.43378	30.98289	13.85344	17.12945	29.88556	4
1979.405	1980.408	1335.908	66.92672	150.0069	63.00837	59.84402	72.49296	0.951742	26.5553	17.96505	8.590243	31.68248	4
1979.41	1980.414	1335.914	67.32227	90.20585	64.86248	59.68333	75.29704	0	24.70296	7.663277	17.03969	32.31617	4
1979.415	1980.42	1335.92	71.16645	128.9222	70.75855	66.148	46.48894	4.334379	49.17668	29.05656	20.12012	28.64659	4
1979.42	1980.425	1335.925	74.29372	150.4042	74.60274	75.29494	32.85707	7.746568	59.39636	36.74409	22.65227	26.91105	4
1979.425	1980.431	1335.931	69.85622	137.1575	70.84508	60.0418	34.87651	6.79908	58.32441	26.12364	32.20076	29.0895	4
1979.43	1980.437	1335.937	69.41123	97.76884	69.44831	69.44831	52.19422	2.577062	45.22872	27.02689	18.20182	28.959	4
1979.435	1980.443	1335.943	63.20614	68.35721	62.66227	61.01829	69.52291	0	30.47709	23.94629	6.5308	30.99353	4
1979.44	1980.449	1335.949	63.34211	140.8091	59.89347	58.29893	74.37644	0.949199	24.67436	17.20515	7.469213	31.76311	4
1979.445	1980.455	1335.955	63.13198	121.0842	60.33845	56.04928	74.26602	0.227902	25.50608	8.511094	16.99499	32.73792	4
1979.45	1980.461	1335.961	60.93177	37.78439	60.40026	57.31007	78.91816	0	21.08184	17.63462	3.447218	31.10505	4
1979.455	1980.467	1335.967	63.52752	44.23203	62.95893	63.70057	75.25713	0	24.74287	4.165781	20.57709	30.35209	4
1979.46	1980.473	1335.973	61.8341	47.18084	61.8341	61.32731	71.69486	0	28.30514	15.79818	12.50696	30.29949	4
1979.465	1980.478	1335.978	62.13076	82.78036	62.10604	59.52265	62.99844	0.288251	36.71331	11.36107	25.35224	30.9187	4
1979.47	1980.484	1335.984	64.52874	105.0568	64.66471	58.62031	54.15606	2.322227	43.52172	24.77447	18.74725	29.8201	4
1979.475	1980.49	1335.99	56.84037	104.9193	55.15931	51.76011	75.3446	0	24.6554	16.0853	8.570094	32.63601	4
1979.48	1980.496	1335.996	56.24705	76.4244	55.64138	56.074	74.452	0	25.548	17.52779	8.020212	30.81901	4
1979.485	1980.502	1336.002	53.00854	61.34425	52.81077	51.76011	77.91956	0	22.08044	7.038871	15.04156	30.80711	4
1979.49	1980.508	1336.008	52.36578	69.45728	51.76011	48.84297	79.70881	0	20.29119	9.748527	10.54267	31.71455	4
1979.495	1980.514	1336.014	53.52769	80.87052	52.98382	51.32748	75.39887	0	24.60113	8.871921	15.72921	31.31592	4
1979.5	1980.52	1336.02	55.60429	112.9101	53.6513	51.17915	76.65552	0.211437	23.13304	16.39612	6.736918	32.61731	4
1979.505	1980.526	1336.026	52.06912	85.13329	51.05554	48.52159	79.34939	0	20.65061	11.32462	9.325989	32.18061	4
1979.51	1980.532	1336.032	48.81825	58.83853	48.05189	45.71571	86.78761	0	13.21239	4.113718	9.098668	32.41929	4
1979.515	1980.537	1336.037	49.94308	47.71559	49.57226	48.48451	85.37906	0	14.62094	6.941527	7.679408	31.46883	4
1979.52	1980.543	1336.043	52.82313	122.5052	51.48817	51.17915	72.1024	1.149102	26.74849	13.86032	12.88817	30.601	4
1979.525	1980.549	1336.049	54.55363	158.1047	54.52891	55.51777	51.74092	4.520999	43.73808	29.7188	14.01929	26.17643	4
1979.53	1980.555	1336.055	55.67846	261.5572	52.10621	45.28308	53.16392	9.19946	37.63662	27.18232	10.45431	24.95188	4
1979.535	1980.561	1336.061	51.94552	175.1864	49.28796	41.87152	70.4111	3.929476	25.65943	12.28044	13.37899	29.96286	4
1979.54	1980.567	1336.067	57.86631	189.1053	55.82679	50.09141	56.8058	5.360377	37.83382	22.88628	14.94754	27.37698	4
1979.545	1980.573	1336.073	57.18647	233.1082	55.15931	49.09019	46.68676	8.319602	44.99363	16.97313	28.0205	25.21017	4
1979.55	1980.579	1336.079	70.20232	233.8568	73.13181	77.28502	0	16.71072	83.28928	83.28928	0	-9999	4
1979.555	1980.585	1336.085	64.77596	311.8244	65.74009	67.2481	0	17.31577	82.68423	82.68423	0	-9999	4
1979.56	1980.591	1336.091	54.45475	176.9434	52.56355	46.08653	61.73807	4.539955	33.72198	18.88083	14.84115	28.29622	4
1979.565	1980.596	1336.096	58.92933	104.6596	58.84281	55.40652	61.12797	1.311776	37.56025	20.18715	17.3731	29.96029	4
1979.57	1980.602	1336.102	54.21989	125.0567	54.47947	51.03082	57.84227	2.457137	39.7006	20.57614	19.12446	28.5913	4
1979.575	1980.608	1336.108	55.99984	157.5852	54.88737	51.46345	58.96614	3.826466	37.2074	20.92297	16.28442	27.97002	4
1979.58	1980.614	1336.114	57.94047	217.8752	56.25941	57.92811	46.99717	7.576221	45.42661	25.43668	19.98993	24.27987	4
1979.585	1980.62	1336.12	57.38424	241.5115	56.66732	44.34367	34.31687	9.882398	55.80073	31.67173	24.129	25.92555	4
1979.59	1980.626	1336.126	58.29893	207.6843	57.12466	51.17915	45.20597	7.303633	47.4904	22.44446	25.04593	25.88969	4
1979.595	1980.632	1336.132	56.25941	217.0043	55.88859	45.76515	38.60016	8.39929	53.00055	33.62874	19.37181	26.06979	4
1979.6	1980.638	1336.138	52.94674	161.2063	51.93316	51.03082	60.13233	3.963246	35.90443	23.35619	12.54824	27.34336	4
1979.605	1980.644	1336.144	49.05311	131.9169	48.37327	45.50558	68.21602	1.965448	29.81853	17.85357	11.96496	29.67412	4
1979.61	1980.649	1336.149	54.3435	147.8068	53.26812	45.14711	62.56896	3.096278	34.33476	25.0243	9.310466	29.54463	4
1979.615	1980.655	1336.155	58.62031	81.13026	58.18769	57.49549	69.78864	0	30.21136	10.27265	19.93871	30.88535	4
1979.62	1980.661	1336.161	77.21085	113.1393	77.08724	76.02422	42.54427	5.162203	52.29353	18.35761	33.93592	28.4237	4
1979.625	1980.667	1336.167	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1980	1981.109	1336.609	118.5699	95.84371	118.335	118.2238	9.54167	40.26611	50.19222	48.83863	1.353589	26.50694	2
1980.005	1981.114	1336.614	119.2126	127.7763	119.8183	121.4252	0	58.89067	41.10933	41.10933	0	-9999	2
1980.01	1981.119	1336.619	114.5526	136.2408	115.01	111.7097	0	45.20357	54.79643	54.79643	0	-9999	2
1980.015	1981.123	1336.623	110.1522	162.8411	110.3129	105.7394	0	34.89811	65.10189	65.10189	0	-9999	2
1980.02	1981.128	1336.628	109.7319	167.6081	109.596	111.549	0	31.26685	68.73315	68.73315	0	-9999	2
1980.025	1981.133	1336.633	108.6442	159.3881	108.2981	100.449	4.157701	27.05332	68.78897	60.76474	8.024233	-9999	2
1980.03	1981.137	1336.637	111.413	155.4462	111.1781	110.523	1.702186	31.71612	66.5817	66.5817	0	-9999	2
1980.035	1981.142	1336.642	108.2116	120.2745	107.3463	104.4415	18.04464	18.72018	63.23519	49.55644	13.67874	29.02569	2

1980.04	1981.147	1336.647	106.6294	144.8274	105.7889	100.449	13.36682	19.18745	67.44572	51.90547	15.54025	29.70256	2
1980.045	1981.151	1336.651	107.0373	83.16233	106.6788	106.1226	24.17848	19.91487	55.90665	31.8764	24.03025	28.3352	2
1980.05	1981.156	1336.656	105.5046	131.3516	105.0101	100.9558	14.98055	20.32842	64.69103	52.302	12.38903	29.25369	2
1980.055	1981.161	1336.661	100.4243	173.1696	97.27232	91.79651	30.1305	1.89227	67.97723	29.18437	38.79286	29.91195	2
1980.06	1981.165	1336.665	100.3501	143.8496	100.4119	95.34404	12.38729	20.56515	67.04756	44.36303	22.68453	29.5698	2
1980.065	1981.17	1336.67	102.6616	187.2413	101.8087	99.0399	6.848837	18.82497	74.32619	72.50864	1.817549	-9999	2
1980.07	1981.175	1336.675	103.3785	253.4289	100.3872	96.51831	6.744514	8.135359	85.12013	65.53674	19.58339	-9999	2
1980.075	1981.179	1336.679	101.957	229.7621	98.84213	95.73959	14.7376	5.807343	79.45505	60.43683	19.01823	29.58406	2
1980.08	1981.184	1336.684	103.0201	172.3903	100.3749	97.17343	24.00336	5.064139	70.9325	33.86643	37.06608	29.56196	2
1980.085	1981.188	1336.688	105.6405	157.5241	103.4774	100.1029	21.45412	8.121386	70.42449	38.48045	31.94404	29.69467	2
1980.09	1981.193	1336.693	104.1572	222.5047	101.9076	98.96574	7.764009	11.46544	80.77055	75.512	5.258552	-9999	2
1980.095	1981.198	1336.698	101.6727	203.9104	98.95338	98.81741	18.1898	6.618378	75.19182	46.59919	28.59263	28.84868	2
1980.1	1981.202	1336.702	97.51953	155.9809	95.07211	93.70007	31.50218	4.661037	63.83678	30.57178	33.26499	28.87413	2
1980.105	1981.207	1336.707	96.5554	155.7365	94.07089	91.41333	32.73574	4.356205	62.90806	32.15481	30.75325	29.07234	2
1980.11	1981.212	1336.712	96.46887	187.6385	93.88548	85.22061	25.8614	6.00422	68.13438	40.31395	27.82042	29.7777	2
1980.115	1981.216	1336.716	95.08447	170.0068	93.11911	86.85222	26.61214	7.663489	65.72437	35.18192	30.54244	29.29188	2
1980.12	1981.221	1336.721	94.63948	178.2115	92.26622	89.67047	28.19725	6.21819	65.58456	44.04361	21.54095	28.54025	2
1980.125	1981.226	1336.726	95.33168	154.3767	93.83604	93.82367	26.52697	8.984209	64.48882	38.65054	25.83828	28.24211	2
1980.13	1981.23	1336.73	95.6407	129.2737	94.05853	88.74341	32.98818	6.953076	60.05875	28.40518	31.65357	29.61227	2
1980.135	1981.235	1336.735	90.9189	133.1239	88.45912	85.24533	43.20196	2.471494	54.32654	27.33242	26.99413	29.5839	2
1980.14	1981.24	1336.74	88.06357	132.4211	85.4431	81.90793	47.24429	1.695614	51.06009	17.55077	33.50933	29.80223	2
1980.145	1981.244	1336.744	87.95233	130.6946	87.14888	79.26273	33.68249	7.798011	58.5195	36.83368	21.68582	29.58205	2
1980.15	1981.249	1336.749	89.28729	130.0529	88.27371	81.79668	34.23815	7.435606	58.32625	38.47259	19.85365	29.43206	2
1980.155	1981.254	1336.754	89.08951	116.1034	88.12538	84.15758	37.4127	6.61429	55.97301	27.74494	28.22807	29.28202	2
1980.16	1981.258	1336.758	87.43318	98.39526	87.1736	84.98575	37.76153	7.363779	54.87469	19.73122	35.14346	29.09925	2
1980.165	1981.263	1336.763	88.07593	114.0407	87.2354	84.15758	37.88639	6.583565	55.53004	31.0019	24.52814	29.11006	2
1980.17	1981.268	1336.768	89.5345	89.71692	88.33551	87.28485	45.20894	4.087546	50.70351	30.53323	20.17028	29.77564	2
1980.175	1981.272	1336.772	87.54442	95.66037	86.1353	83.144	47.23003	3.19801	49.57196	31.01068	18.56128	30.15855	2
1980.18	1981.277	1336.777	86.40724	49.88518	86.62973	85.18352	46.70881	5.316007	47.97518	33.45528	14.5199	30.35317	2
1980.185	1981.282	1336.782	84.36772	75.82852	84.07106	80.85727	46.3303	4.487059	49.18265	32.41633	16.76631	30.18246	2
1980.19	1981.286	1336.786	85.01047	85.97363	83.88565	80.42464	49.70215	2.839108	47.45874	22.06849	25.39025	30.51613	2
1980.195	1981.291	1336.791	82.50124	83.3304	81.27753	77.39626	53.41667	1.802094	44.78124	21.44761	23.33362	30.97972	2
1980.2	1981.296	1336.796	80.80782	76.16466	79.29982	77.17377	58.91203	0.286406	40.80157	23.45172	17.34985	31.56304	2
1980.205	1981.3	1336.8	81.67308	63.52912	80.80782	77.09961	56.19242	1.223083	42.5845	22.02417	20.56033	31.67462	2
1980.21	1981.305	1336.805	81.63599	65.37785	80.05382	77.49515	61.33529	0	38.66471	8.231796	30.43291	31.67996	2
1980.215	1981.31	1336.81	81.53711	83.14705	80.0909	76.66698	56.07237	1.029873	42.89776	16.5424	26.35536	31.24126	2
1980.22	1981.314	1336.814	79.43578	70.20594	78.10082	76.30852	60.27517	0.068339	39.65649	21.36491	18.29157	31.7611	2
1980.225	1981.319	1336.819	80.79546	59.54136	80.0909	78.44692	56.71952	1.144957	42.13553	27.79998	14.33555	31.39668	2
1980.23	1981.324	1336.824	80.61005	83.94155	79.58411	77.73	53.47594	1.949479	44.57458	18.78807	25.78652	30.46983	2
1980.235	1981.328	1336.828	78.57053	84.00267	77.05016	71.57436	59.16933	0.455853	40.37481	13.2093	27.16551	31.9016	2
1980.24	1981.333	1336.833	80.01674	126.0346	77.73	71.79685	53.60644	1.754142	44.63942	23.84931	20.79011	30.39122	2
1980.245	1981.338	1336.838	81.57419	119.3577	79.67064	75.07245	50.81971	2.34003	46.84026	19.46212	27.37815	30.03732	2
1980.25	1981.342	1336.842	83.79912	121.8329	82.77318	77.24793	41.37229	5.247619	53.38009	19.23077	34.14933	29.40683	2
1980.255	1981.347	1336.847	80.56061	136.7908	79.04024	72.79807	44.56373	4.310498	51.12577	18.46501	32.66076	29.28276	2
1980.26	1981.352	1336.852	80.28867	157.0963	77.92777	71.72269	46.41409	3.7	49.88591	15.7979	34.08801	29.0236	2
1980.265	1981.356	1336.856	79.20093	128.3111	77.44571	74.34316	49.68685	3.01483	47.29832	21.01523	26.2831	29.25668	2
1980.27	1981.361	1336.861	78.7065	106.493	77.42098	74.94884	51.78146	2.50728	45.71126	30.77586	14.9354	29.78541	2
1980.275	1981.366	1336.866	78.50873	83.77348	77.90305	77.3221	52.19277	2.449405	45.35782	18.95703	26.40079	29.92284	2
1980.28	1981.37	1336.87	79.95493	49.01429	79.86841	80.0909	55.25057	1.738565	43.01086	21.82662	21.18424	30.9564	2
1980.285	1981.375	1336.875	81.85849	49.27403	82.01918	82.71138	51.52053	3.079299	45.40017	24.93682	20.46335	30.40694	2
1980.29	1981.379	1336.879	83.87329	73.62838	83.41594	84.55313	48.56295	3.678996	47.75806	15.46071	32.29734	29.64384	2
1980.295	1981.384	1336.884	82.51361	75.38544	82.4518	81.56183	46.32318	4.466172	49.21064	25.50074	23.7099	29.66746	2
1980.3	1981.389	1336.889	81.16629	80.90108	80.7831	82.09334	48.71862	3.513526	47.76785	33.9023	13.86555	29.35816	2
1980.305	1981.393	1336.893	81.79668	103.0706	81.3517	83.67551	43.25262	5.037816	51.70957	36.0606	15.64897	28.28849	2
1980.31	1981.398	1336.898	80.56061	141.7106	78.05138	74.72634	51.0368	2.338002	46.6252	16.59232	30.03287	29.31407	2
1980.315	1981.403	1336.903	79.18857	106.7528	77.85361	78.48401	51.65828	2.494348	45.84737	23.9749	21.87247	29.22726	2
1980.32	1981.407	1336.907	77.22321	115.4922	74.94884	73.44083	58.63193	0.904055	40.46401	18.08288	22.38113	30.31379	2
1980.325	1981.412	1336.912	78.39748	137.8603	76.08603	72.79807	52.42591	2.404441	45.16965	13.83923	31.33042	29.35896	2
1980.33	1981.417	1336.917	78.80539	146.5998	75.98714	73.44083	53.86331	1.964563	44.17213	24.8284	19.34373	29.27205	2
1980.335	1981.421	1336.921	78.13791	181.7715	75.06008	74.17011	47.97754	3.824933	48.19752	30.77708	17.42045	27.47721	2
1980.34	1981.426	1336.926	76.90183	198.2878	75.33202	65.1097	33.4307	7.848877	58.72042	36.65481	22.06561	28.07072	2
1980.345	1981.431	1336.931	76.96364	157.2949	75.3073	70.3012	43.9647	4.917623	51.11767	32.25129	18.86638	28.31609	2
1980.35	1981.435	1336.935	75.09717	181.6493	72.01934	66.63007	50.8046	3.879397	45.316	18.37023	26.94577	28.29624	2
1980.355	1981.44	1336.94	72.36545	143.7885	70.47425	68.5707	53.28371	3.165788	43.5505	26.35167	17.19882	28.56265	2
1980.36	1981.445	1336.945	73.84873	177.8754	71.19118	67.50768	49.60938	4.318704	46.07191	23.8169	22.25502	27.82395	2
1980.365	1981.449	1336.949	73.9229	163.8189	72.78571	68.95388	41.15995	5.928936	52.91111	36.08057	16.83055	27.568	2
1980.37	1981.454	1336.954	75.83881	212.4207	75.17133	72.40253	23.99545	10.41206	65.5925	37.28664	28.30585	26.66082	2
1980.375	1981.459	1336.959	73.11945	186.5385	72.22948	70.00455	34.48508	7.766942	57.74798	32.71249	25.03549	26.56631	2
1980.38	1981.463	1336.963	69.59664	177.6462	68.33585	64.55346	42.75186	6.130372	51.11777	27.86775	23.25002	26.99069	2
1980.385	1981.468	1336.968	68.74375	157.3713	67.63129	59.33723	47.2935	4.872042	47.83446	15.46135	32.3731	28.5356	2
1980.39	1981.473	1336.973	71.09229	143.1926	70.61022	68.79319	43.67851	5.167747	51.15374	21.56394	29.5898	27.59669	2
1980.395	1981.477	1336.977	69.2011	101.1454	68.90444	61.0801	54.15689	2.279137	43.56397	27.77128	15.79269	30.53734	2
1980.4	1981.482	1336.982	64.83776	91.65733	64.63999	61.47564	59.70092	1.076789	39.22229	16.42093	22.80136	30.41389	2

1980.405	1981.487	1336.987	64.14556	112.4976	62.57575	60.32609	65.92772	0.895914	33.17636	21.24331	11.93305	30.77408	2
1980.41	1981.491	1336.991	64.35569	133.017	63.08254	65.99967	58.46962	2.611445	38.91894	29.96531	8.953629	28.01032	2
1980.415	1981.496	1336.996	62.24201	88.26544	61.53744	56.09872	66.83747	0	33.16253	12.73017	20.43236	32.01454	2
1980.42	1981.501	1337.001	69.72025	96.83683	69.86858	72.55086	51.27331	2.743608	45.98308	23.46414	22.51894	28.3925	2
1980.425	1981.505	1337.005	74.17011	209.2274	71.9081	67.19866	38.66106	7.094935	54.244	27.43232	26.81168	26.64345	2
1980.43	1981.51	1337.01	68.42237	144.2774	66.65479	62.61283	55.83507	3.095988	41.06895	20.8183	20.25065	28.95442	2
1980.435	1981.515	1337.015	71.24062	197.9212	68.33585	59.89347	49.07369	5.285721	45.64059	23.53922	22.10136	27.93848	2
1980.44	1981.519	1337.019	73.03292	142.7954	72.03171	65.29511	46.01268	4.612876	49.37444	29.42794	19.9465	28.803	2
1980.445	1981.524	1337.024	73.31722	160.8396	73.86109	74.39261	29.40997	8.614842	61.97519	38.12513	23.85006	26.73009	2
1980.45	1981.529	1337.029	71.01813	115.095	70.98104	71.79685	47.09773	3.960732	48.94154	21.91551	27.02603	27.99307	2
1980.455	1981.533	1337.033	72.22948	119.4036	71.64852	73.05765	49.15561	3.603268	47.24112	23.67432	23.5668	28.04591	2
1980.46	1981.538	1337.038	71.89574	89.68637	70.80799	67.63129	60.58184	0.726389	38.69177	25.0381	13.65367	31.09908	2
1980.465	1981.543	1337.043	71.25298	97.11185	70.6473	72.46433	55.64018	1.890883	42.46894	22.49873	19.97021	29.18493	2
1980.47	1981.547	1337.047	67.73017	99.67868	67.21102	62.29145	57.58942	1.63956	40.77102	26.26084	14.51018	30.40892	2
1980.475	1981.552	1337.052	68.86736	131.4127	69.25054	61.8341	41.8705	5.243676	52.88583	35.38131	17.50452	28.67763	2
1980.48	1981.556	1337.056	67.26046	156.1032	66.16036	60.19012	48.86922	4.64115	46.48963	26.35306	20.13657	28.15677	2
1980.485	1981.561	1337.061	69.53484	181.6187	68.37293	64.91192	41.08101	6.530135	52.38885	22.85123	29.53762	26.76021	2
1980.49	1981.566	1337.066	66.16036	117.2645	64.14556	59.72042	66.36915	0.845327	32.78553	26.47034	6.315186	31.30274	2
1980.495	1981.57	1337.07	66.65479	103.4984	66.24688	62.86004	56.79225	1.884762	41.32299	25.71556	15.60743	29.84351	2
1980.5	1981.575	1337.075	63.82418	97.60077	63.72529	62.48922	58.42873	1.444722	40.12654	28.37675	11.7498	29.64256	2
1980.505	1981.58	1337.08	64.80068	117.2493	64.07139	65.06025	57.661	2.190194	40.14881	16.55156	23.59724	28.68444	2
1980.51	1981.584	1337.084	65.96259	105.0568	65.12206	63.36683	60.40478	1.37047	38.22475	13.01856	25.20619	30.00598	4
1980.515	1981.589	1337.089	63.37919	71.58103	63.04545	63.2185	66.95502	0	33.04498	9.843058	23.20193	30.66497	4
1980.52	1981.594	1337.094	64.87484	122.5968	64.04667	64.38041	57.06502	2.447724	40.48725	19.19895	21.28831	28.58959	4
1980.525	1981.598	1337.098	67.79197	118.5632	66.63007	65.06025	57.94387	2.084377	39.97175	29.6971	10.27465	29.38282	4
1980.53	1981.603	1337.103	69.2629	131.3057	68.2246	62.48922	52.54898	3.274734	44.17629	32.00248	12.17381	29.23711	4
1980.535	1981.608	1337.108	70.00455	166.2941	69.07749	62.19256	42.53732	5.88858	51.5741	17.00546	34.56864	27.85371	4
1980.54	1981.612	1337.112	66.902	185.6218	65.49288	61.97007	44.4504	6.218429	49.33117	31.90989	17.42128	26.62789	4
1980.545	1981.617	1337.117	67.00089	189.5637	65.25802	63.82418	45.99196	6.089319	47.91872	32.02769	15.89103	26.24402	4
1980.55	1981.622	1337.122	67.05033	185.8357	65.54232	62.93421	45.02854	6.124866	48.84659	33.3287	15.51789	26.49812	4
1980.555	1981.626	1337.126	62.45214	113.8879	61.59925	61.53744	61.59305	1.587325	36.81962	19.13466	17.68496	29.40919	4
1980.56	1981.631	1337.131	66.91436	134.0254	65.72773	61.22843	55.20104	3.008345	41.79062	13.65408	28.13654	29.09182	4
1980.565	1981.636	1337.136	67.52004	155.7365	65.88842	61.35203	52.83836	3.977297	43.18434	21.73174	21.4526	28.3167	4
1980.57	1981.64	1337.14	67.8785	139.3576	66.53118	65.41871	54.26896	3.258972	42.47207	23.14182	19.33025	28.28862	4
1980.575	1981.645	1337.145	67.00089	144.0788	66.97617	68.54598	43.68371	5.170482	51.14581	34.44709	16.69871	26.68408	4
1980.58	1981.65	1337.15	68.71903	125.5609	68.17516	67.95266	50.60776	3.499849	45.89239	23.09018	22.80222	28.10957	4
1980.585	1981.654	1337.154	66.12328	115.3853	66.23452	68.48418	50.38119	3.256385	46.36242	28.45019	17.91224	27.71002	4
1980.59	1981.659	1337.159	60.91941	108.6626	59.91819	61.12954	65.41725	0.957757	33.625	12.72853	20.89647	29.88875	4
1980.595	1981.664	1337.164	62.26673	166.508	60.41262	59.76986	56.78902	4.155372	39.05561	30.75002	8.305587	27.38988	4
1980.6	1981.668	1337.168	67.52004	110.4808	66.22216	62.99601	61.20376	1.33902	37.45722	12.58488	24.87233	30.39005	4
1980.605	1981.673	1337.173	71.06757	133.4753	69.47303	69.52248	54.67445	2.813861	42.51169	20.16303	22.34865	28.51449	4
1980.61	1981.678	1337.178	71.66088	208.2802	69.44831	64.30625	40.81561	6.989393	52.19499	26.19885	25.99615	26.59324	4
1980.615	1981.682	1337.182	74.80051	224.1548	73.86109	72.78571	24.21854	10.49323	65.28823	46.81477	18.47346	26.00931	4
1980.62	1981.687	1337.187	70.67202	178.3032	69.10221	66.44465	43.99841	5.840317	50.16128	30.96909	19.19219	26.91325	4
1980.625	1981.692	1337.192	72.82279	174.5752	71.67324	70.05399	39.66483	6.480885	53.85429	34.50365	19.35063	26.77806	4
1980.63	1981.696	1337.196	72.27892	247.6994	70.40009	66.56826	28.12108	10.19263	61.68628	32.45683	29.22945	25.56266	4
1980.635	1981.701	1337.201	72.81043	208.4941	70.98104	66.39521	36.7366	7.664777	55.59863	37.49895	18.09967	26.4861	4
1980.64	1981.706	1337.206	71.40131	231.672	69.27526	62.98365	34.72304	8.682904	56.59406	27.91509	28.67897	26.13732	4
1980.645	1981.71	1337.21	70.73383	318.1039	69.52248	56.33358	7.331698	15.80972	76.85858	60.60953	16.24906	-9999	4
1980.65	1981.715	1337.215	68.89208	274.04	66.23452	58.00228	30.89768	10.7413	58.36102	36.37251	21.98851	25.33087	4
1980.655	1981.72	1337.22	64.5411	266.5228	60.74636	54.2817	45.53293	9.066465	45.4006	21.78657	23.61403	24.94217	4
1980.66	1981.724	1337.224	61.57453	197.1267	60.3879	50.90722	44.84317	6.808032	48.3488	15.84164	32.50716	27.0456	4
1980.665	1981.729	1337.229	68.66959	284.0476	67.34699	59.51028	18.3346	13.13317	68.53223	53.13104	15.40119	25.98622	4
1980.67	1981.733	1337.233	63.26795	217.5085	61.80938	59.13946	40.46031	8.040204	51.49948	18.61667	32.88282	25.21582	4
1980.675	1981.738	1337.238	65.03553	205.4689	63.5646	60.52386	41.84353	7.339421	50.81705	19.62964	31.18741	25.77311	4
1980.68	1981.743	1337.243	62.1802	207.0426	60.02944	57.18647	49.35835	6.611561	44.03008	28.76991	15.26018	25.90801	4
1980.685	1981.747	1337.247	67.65601	149.0902	65.95023	61.50036	54.89644	3.446432	41.65712	14.09563	27.56149	28.72394	4
1980.69	1981.752	1337.252	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1981.005	1982.046	1337.546	136.2951	89.0141	135.0838	133.4645	2.455027	60.01465	37.53033	37.53033	0	-9999	3
1981.01	1982.05	1337.55	134.5646	160.8243	137.3829	143.6621	0	100	0	0	0	-9999	3
1981.015	1982.055	1337.555	134.1691	224.3076	133.8354	133.9837	0	94.64934	5.350659	5.350659	0	-9999	3
1981.02	1982.06	1337.56	135.64	163.6356	135.5659	127.8404	0	100	0	0	0	-9999	3
1981.025	1982.064	1337.564	134.5523	100.6412	134.577	135.4423	0	100	0	0	0	-9999	3
1981.03	1982.069	1337.569	131.0913	121.1606	132.2655	134.8489	0	100	0	0	0	-9999	3
1981.035	1982.074	1337.574	124.639	84.03322	125.1458	125.9616	1.068478	71.72474	27.20678	27.20678	0	-9999	3
1981.04	1982.078	1337.578	125.3559	64.7667	124.3918	124.9974	16.47109	37.92185	45.60705	31.24051	14.36654	25.43016	3
1981.045	1982.083	1337.583	124.4536	57.37177	123.8603	121.4375	16.21694	43.84157	39.94149	14.38943	25.55206	25.28698	3
1981.05	1982.087	1337.587	124.0209	96.11873	122.2286	117.0248	16.53037	19.85214	63.61748	43.92827	19.68921	29.09251	3
1981.055	1982.092	1337.592	124.8986	95.85899	126.0728	126.9381	0	89.95909	10.04091	10.04091	0	-9999	3
1981.06	1982.097	1337.597	123.2422	93.15465	123.5883	124.6019	1.391459	63.77057	34.83797	34.83797	0	-9999	3
1981.065	1982.101	1337.601	123.6254	165.7135	123.6007	117.3585	0	61.63714	38.36286	38.36286	0	-9999	3
1981.07	1982.106	1337.606	126.9999	141.3133	126.8763	122.6242	0	68.14429	31.85571	31.85571	0	-9999	3
1981.075	1982.111	1337.611	129.5091	83.71237	129.1506	127.4819	3.371304	66.24702	30.38168	26.69774	3.683935	-9999	3

1981.08	1982.115	1337.615	123.0692	78.83844	122.2286	120.0284	14.21157	36.93332	48.85511	35.41519	13.43991	26.48822	3
1981.085	1982.12	1337.62	122.6489	71.39768	121.4994	120.1273	18.79377	29.39181	51.81442	27.38039	24.43403	27.0602	3
1981.09	1982.125	1337.625	123.5018	116.3937	122.5624	118.8542	5.491559	38.24793	56.26051	56.02659	0.233913	-9999	3
1981.095	1982.129	1337.629	123.1804	139.8466	124.9109	129.917	0	98.38211	1.617889	1.617889	0	-9999	3
1981.1	1982.134	1337.634	122.7231	70.34345	123.0568	125.9987	7.485184	60.28615	32.22867	18.2973	13.93137	-9999	3
1981.105	1982.139	1337.639	117.445	53.35346	117	115.9494	22.48768	31.74543	45.76689	29.61654	16.15035	26.88677	3
1981.11	1982.143	1337.643	115.1954	73.27697	114.8122	115.8876	19.25689	30.1266	50.61651	31.55294	19.06357	26.92028	3
1981.115	1982.148	1337.648	114.2683	54.52992	114.2312	116.3696	21.96429	32.11998	45.91573	23.41533	22.5004	26.43669	3
1981.12	1982.153	1337.653	117.1978	72.87972	116.1966	114.3425	22.30056	23.9837	53.71574	29.41041	24.30533	27.99815	3
1981.125	1982.157	1337.657	120.0408	83.37624	119.2991	118.7676	15.13317	33.43737	51.42946	32.8106	18.61886	26.80178	3
1981.13	1982.162	1337.662	117.9147	64.49168	117.7788	116.691	16.96521	38.43752	44.59727	24.92589	19.67138	26.28403	3
1981.135	1982.167	1337.667	114.4908	59.99972	113.8975	112.8592	24.74671	25.19887	50.05442	35.74194	14.31248	27.75526	3
1981.14	1982.171	1337.671	114.9111	66.93628	115.8381	118.2856	10.89855	48.3028	40.79865	24.53727	16.26138	25.16839	3
1981.145	1982.176	1337.676	114.6639	60.62615	114.0706	115.01	24.43591	25.49446	50.06963	22.967	27.10263	27.3534	3
1981.15	1982.181	1337.681	114.429	48.67815	113.4402	112.8592	30.60885	19.01592	50.37523	30.99777	19.37746	28.44238	3
1981.155	1982.185	1337.685	116.1966	57.14259	115.5662	115.3808	24.1562	27.05055	48.79324	28.23273	20.56052	27.32409	3
1981.16	1982.19	1337.69	114.293	59.96916	114.2807	114.9358	20.43366	32.87591	46.69043	26.59345	20.09698	26.67225	3
1981.165	1982.195	1337.695	117.1607	49.12124	117.2596	117.1237	19.55842	39.61281	40.82877	22.95982	17.86895	25.87169	3
1981.17	1982.199	1337.699	114.0335	88.61685	112.5131	111.3017	25.4268	14.38746	60.18574	38.38853	21.79721	28.99513	3
1981.175	1982.204	1337.704	114.0582	115.1714	113.3289	113.6379	12.84694	26.48939	60.66367	40.28774	20.37593	27.95268	3
1981.18	1982.209	1337.709	115.5044	49.33514	115.5168	116.7034	21.70105	34.82325	43.47569	18.03482	25.44087	26.23571	3
1981.185	1982.213	1337.713	111.2647	53.27706	111.9074	114.0706	19.76208	35.21243	45.02549	19.32543	25.70006	26.32236	3
1981.19	1982.218	1337.718	109.6701	62.9638	109.3858	109.6825	26.06954	22.49555	51.43491	27.7062	23.72871	27.91116	3
1981.195	1982.223	1337.723	105.2821	73.6131	103.4527	100.0164	39.50388	5.039368	55.45675	27.90291	27.55384	30.68783	3
1981.2	1982.227	1337.727	109.6207	121.7412	109.3364	108.4959	11.89089	26.39823	61.71088	52.01109	9.699797	28.35328	8
1981.205	1982.232	1337.732	107.0497	78.45647	107.4823	108.0262	19.175	27.29213	53.53287	41.6347	11.89817	27.60374	8
1981.21	1982.237	1337.737	101.784	61.00812	102.0065	103.5392	29.87045	17.58007	52.54948	33.78471	18.76477	28.23542	8
1981.215	1982.241	1337.741	98.68144	39.90814	98.79269	99.01518	38.69314	12.35644	48.95042	31.94169	17.00873	29.36469	8
1981.22	1982.246	1337.746	97.82855	53.93405	96.81497	95.83847	44.80094	5.84412	49.35494	17.92234	31.4326	30.4505	8
1981.225	1982.251	1337.751	99.43545	143.9413	96.66664	93.24272	35.14383	2.194573	62.6616	23.61214	39.04945	29.77557	8
1981.23	1982.255	1337.755	99.39836	198.0281	96.53067	94.55296	22.8553	5.276797	71.86791	46.5869	25.28101	28.85152	8
1981.235	1982.26	1337.76	105.9619	174.1321	106.4811	104.7382	0	32.97563	67.02437	67.02437	0	-9999	8
1981.24	1982.264	1337.764	109.7319	79.64822	111.0298	111.4872	9.713206	41.69101	48.59579	44.15249	4.443294	26.80123	8
1981.245	1982.269	1337.769	107.7542	71.84077	108.5947	108.2239	16.96655	32.14833	50.88512	35.50608	15.37904	27.41307	8
1981.25	1982.274	1337.774	106.308	76.59246	106.0237	105.1955	25.86455	19.35437	54.78108	38.25333	16.52774	28.4282	8
1981.255	1982.278	1337.778	102.8099	120.9773	103.0448	103.3167	14.31825	22.85568	62.82608	44.26061	18.56547	28.32384	8
1981.26	1982.283	1337.783	102.5133	58.96077	102.1054	102.9459	34.58054	13.39185	52.02761	26.97187	25.05574	28.8638	8
1981.265	1982.288	1337.788	98.78033	62.0318	99.39836	100.7086	29.32062	17.24528	53.4341	22.36163	31.07247	28.29606	8
1981.27	1982.292	1337.792	96.24638	77.76893	96.83969	96.9015	28.03506	15.65774	56.3072	40.97989	15.32731	28.51567	8
1981.275	1982.297	1337.797	94.97322	36.76072	94.96086	95.18336	43.82434	8.498294	47.67737	26.7305	20.94687	30.01202	8
1981.28	1982.302	1337.802	94.34283	35.7676	94.37991	95.13391	44.26146	8.250325	47.48822	32.40921	15.07901	29.96611	8
1981.285	1982.306	1337.806	95.15863	40.25955	93.83604	91.84596	52.96138	2.0872	44.95142	30.70615	14.24526	31.9529	8
1981.29	1982.311	1337.811	94.03381	43.54449	92.95842	91.42569	51.28535	3.08288	45.63177	17.67424	27.95753	31.4598	8
1981.295	1982.316	1337.816	89.71991	34.66752	89.15132	88.66925	53.47474	2.885407	43.63985	29.56628	14.07358	31.49067	8
1981.3	1982.32	1337.82	94.73837	92.51294	94.81253	97.00038	29.8778	12.55171	57.57049	33.29296	24.27753	28.16389	2
1981.305	1982.325	1337.825	94.10797	111.2753	94.26866	91.74707	25.24671	13.81585	60.93744	28.42458	32.51286	28.82547	2
1981.31	1982.33	1337.83	96.60484	127.7152	96.08569	95.05975	24.23988	12.95424	62.80588	39.53194	23.27394	28.55248	2
1981.315	1982.334	1337.834	101.0176	106.8903	101.6357	101.1659	16.40656	22.76569	60.82774	43.64988	17.17786	28.37609	2
1981.32	1982.339	1337.839	98.21173	87.30288	98.94102	99.18823	22.86596	19.07758	58.05645	44.27113	13.78532	28.28899	2
1981.325	1982.344	1337.844	97.25996	61.7415	96.82733	93.99672	38.93224	9.413567	51.65419	21.85356	29.80063	29.95084	2
1981.33	1982.348	1337.848	89.84352	73.9034	88.34787	86.79042	51.05062	1.977098	46.97229	22.25558	24.71671	30.86274	2
1981.335	1982.353	1337.853	97.0251	75.416	96.9633	95.48001	32.96521	12.33221	54.70258	26.35461	28.34797	29.10347	2
1981.34	1982.358	1337.858	95.39349	72.00883	94.3181	91.52458	43.14608	5.577113	51.27681	30.88892	20.38789	30.35614	2
1981.345	1982.362	1337.862	95.45529	44.24731	95.9868	97.06219	37.35407	12.33611	50.30982	29.03862	21.27121	29.05436	2
1981.35	1982.367	1337.867	91.09195	54.13267	91.43805	92.68649	40.41302	8.775715	50.81127	30.34726	20.46401	29.24106	2
1981.355	1982.372	1337.872	84.55313	46.17244	84.51604	85.59143	51.32478	3.363937	45.31128	31.59055	13.72074	30.46827	2
1981.36	1982.376	1337.876	82.48888	60.27474	82.50124	81.74724	49.42794	3.647316	46.92474	29.97651	16.94823	30.23589	2
1981.365	1982.381	1337.881	81.84613	51.22971	81.63599	82.21695	53.9325	2.188597	43.8789	23.41483	20.46408	30.73591	2
1981.37	1982.386	1337.886	85.87572	47.33362	85.97461	85.49254	48.77323	4.463961	46.76281	34.22785	12.53495	30.4409	2
1981.375	1982.39	1337.89	92.20442	97.29519	91.15376	89.8806	39.76913	6.107355	54.12352	28.97318	25.15033	29.33899	2
1981.38	1982.395	1337.895	94.42935	85.92779	95.07211	97.82855	27.3491	14.87269	57.77821	24.67893	33.09928	27.98841	2
1981.385	1982.4	1337.9	89.08951	103.9262	89.78172	88.74341	27.52295	12.28895	60.1881	44.56938	15.61872	28.54194	2
1981.39	1982.404	1337.904	84.60257	101.0996	85.13408	86.25891	33.58032	8.907947	57.51173	27.83769	29.67404	28.15493	2
1981.395	1982.409	1337.909	81.74724	59.2969	82.0439	83.0204	48.14359	4.088963	47.76744	30.61369	17.15375	29.74568	2
1981.4	1982.414	1337.914	78.75594	41.81799	78.33568	76.6917	60.68163	0.102616	39.21575	14.63187	24.58388	32.30431	2
1981.405	1982.418	1337.918	79.0526	55.00356	78.6447	77.49515	57.122	1.10048	41.77752	29.87814	11.89938	31.34163	2
1981.41	1982.423	1337.923	77.45807	65.83621	76.22199	73.03292	62.38578	0	37.61422	25.3291	12.28512	31.89008	2
1981.415	1982.428	1337.928	82.7361	71.77965	82.81026	81.37642	45.93734	4.696133	49.36653	25.20518	24.16135	29.78827	2
1981.42	1982.432	1337.932	82.48888	73.96452	81.74724	82.43944	51.95855	2.469933	45.57151	26.6891	18.88241	30.07474	2
1981.425	1982.437	1337.937	86.28363	59.43441	85.88809	84.83742	49.3014	3.787786	46.91082	16.50806	30.40276	30.46935	2
1981.43	1982.441	1337.941	84.36772	73.85756	85.87572	88.54564	32.8211	10.15539	57.02351	36.11845	20.90505	28.22841	2
1981.435	1982.446	1337.946	83.7744	95.90483	84.00925	85.31949	37.89847	7.233044	54.86849	30.36132	24.50717	28.33164	2
1981.44	1982.451	1337.951	86.11058	69.96148	85.4431	83.09456	49.02056	3.530612	47.44883	23.38902	24.05981	30.516	2

1981.445	1982.455	1337.955	82.21695	67.37937	82.35292	81.20337	47.00085	4.371894	48.62726	32.52365	16.1036	29.89609	2
1981.45	1982.46	1337.96	78.57053	74.92708	78.49637	77.56931	50.15753	3.086366	46.7561	17.42804	29.32806	29.8976	2
1981.455	1982.465	1337.965	80.52353	53.0326	79.97966	78.37276	57.29947	1.037067	41.66346	16.78948	24.87398	31.57986	2
1981.46	1982.469	1337.969	83.35414	38.08997	82.76082	81.93265	58.69462	0.715729	40.58966	24.43435	16.1553	32.11313	2
1981.465	1982.474	1337.974	83.44066	32.54378	83.44066	84.15758	55.359	2.108058	42.53294	28.94847	13.58447	31.32387	2
1981.47	1982.479	1337.979	77.87833	64.93476	77.85361	77.13669	52.82931	2.317958	44.85273	16.00621	28.84652	30.35457	2
1981.475	1982.483	1337.983	72.22948	73.64366	72.16767	74.54093	56.20609	1.3826	42.41131	30.27495	12.13636	29.75327	2
1981.48	1982.488	1337.988	73.9847	62.39849	73.81165	72.34072	58.17478	0.823053	41.00217	12.05594	28.94623	31.1217	2
1981.485	1982.493	1337.993	74.77579	66.72238	74.44205	76.13547	57.64594	0.994741	41.35932	13.92162	27.4377	30.40646	2
1981.49	1982.497	1337.997	76.92655	73.13946	76.54337	75.60396	54.49749	1.833403	43.66911	25.63499	18.03412	30.41036	2
1981.495	1982.502	1338.002	77.07488	39.83175	76.38268	75.023	64.81638	0	35.18362	6.044914	29.1387	31.59365	2
1981.5	1982.507	1338.007	81.20337	60.16779	81.16629	78.37276	51.01968	3.036781	45.94354	20.74947	25.19407	30.7558	2
1981.505	1982.511	1338.011	80.12798	70.32817	80.00438	78.80539	50.22079	3.140093	46.63911	14.38316	32.25595	30.12364	2
1981.51	1982.516	1338.016	78.50873	40.42762	78.58289	79.53467	57.41371	1.084063	41.50222	24.35017	17.15205	31.25027	2
1981.515	1982.521	1338.021	80.0291	79.54127	80.39992	82.87207	44.25037	4.979042	50.77058	19.40101	31.36958	28.6584	2
1981.52	1982.525	1338.025	80.90671	79.6635	80.11562	83.74968	52.41818	2.313226	45.26859	21.20009	24.0685	29.39446	2
1981.525	1982.53	1338.03	79.79424	78.94539	79.42342	81.11684	50.35838	3.010299	46.63132	26.97728	19.65405	29.42941	2
1981.53	1982.535	1338.035	80.44936	86.53894	80.56061	80.57297	44.182	4.939626	50.87837	20.59513	30.28324	29.00067	2
1981.535	1982.539	1338.039	76.29616	59.20523	75.92534	75.78937	58.35374	0.766171	40.88009	21.33653	19.54356	31.11157	2
1981.54	1982.544	1338.044	76.72878	87.13481	76.80295	78.43456	47.74812	3.695641	48.55624	30.27571	18.28053	28.82472	2
1981.545	1982.549	1338.049	83.76204	100.2898	83.50246	84.30591	40.68049	6.029006	53.2905	19.5143	33.7762	28.52129	2
1981.55	1982.553	1338.053	82.26639	194.9724	81.01796	79.21329	26.80697	9.223932	63.9691	40.36516	23.60394	27.10591	2
1981.555	1982.558	1338.058	82.89679	71.82549	82.67429	82.19223	48.07751	3.906424	48.01607	16.36181	31.65425	29.85188	2
1981.56	1982.563	1338.063	83.06984	87.83764	83.19345	82.14278	41.36108	6.057334	52.58158	27.63603	24.94555	29.07538	2
1981.565	1982.567	1338.067	82.64957	98.21192	82.1057	78.02666	44.41012	4.698759	50.89112	24.65008	26.24104	29.6894	2
1981.57	1982.572	1338.072	81.90793	140.3813	80.11562	77.24793	44.5628	4.077173	51.36003	19.38618	31.97385	28.6907	2
1981.575	1982.577	1338.077	84.97339	99.67868	85.91281	82.97095	30.42177	10.36069	59.21754	36.09646	23.12108	28.8843	2
1981.58	1982.581	1338.081	74.25664	107.9598	73.77457	70.21468	49.29366	3.389888	47.31645	30.24218	17.07427	29.35484	2
1981.585	1982.586	1338.086	71.79685	116.4242	70.49897	67.79197	55.83078	2.188816	41.9804	12.42038	29.56002	29.62843	2
1981.59	1982.591	1338.091	82.06862	96.30207	81.66072	83.04512	44.35303	4.765066	50.88191	23.60072	27.28119	28.67465	2
1981.595	1982.595	1338.095	67.65601	92.83379	66.80312	62.26673	61.9006	0.730781	37.36862	26.06807	11.30056	31.19127	2
1981.6	1982.6	1338.1	66.85256	54.5452	66.08619	66.12328	71.23504	0	28.76496	17.03004	11.73492	30.62469	2
1981.605	1982.605	1338.105	67.22338	34.57585	67.08741	66.63007	70.84089	0	29.15911	8.637449	20.52166	30.46557	2
1981.61	1982.609	1338.109	69.21346	80.50383	68.10099	65.27039	65.4633	0	34.5367	24.52218	10.01452	31.60162	2
1981.615	1982.614	1338.114	76.87711	104.2623	76.60518	75.9377	46.14908	4.156718	49.6942	16.53009	33.16411	28.76279	2
1981.62	1982.619	1338.119	73.99706	109.671	72.37781	68.5707	57.93155	1.44934	40.61911	25.80441	14.8147	30.46959	2
1981.625	1982.623	1338.123	68.19988	100.2134	67.34699	64.57818	59.61436	1.296845	39.08879	27.76965	11.31915	30.33543	2
1981.63	1982.628	1338.128	70.02927	74.63678	69.07749	66.85256	64.88724	0	35.11276	23.05684	12.05592	31.47925	2
1981.635	1982.632	1338.132	75.12189	135.5991	73.15653	71.72269	53.3044	2.696511	43.99909	20.86197	23.13712	28.88226	2
1981.64	1982.637	1338.137	79.83133	187.99	78.34804	72.22948	32.55709	7.74174	59.70117	34.55691	25.14426	27.74063	2
1981.645	1982.642	1338.142	79.53467	209.4108	77.59403	75.09717	31.19061	8.114767	60.69462	35.80959	24.88503	26.64134	2
1981.65	1982.646	1338.146	79.70772	232.604	76.55573	73.37903	34.80663	7.06307	58.1303	31.88502	26.24528	26.30992	2
1981.655	1982.651	1338.151	83.88565	202.3826	83.91037	80.16507	13.65703	13.82546	72.51751	47.52675	24.99076	28.42786	2
1981.66	1982.656	1338.156	74.86231	115.5533	74.55329	74.49149	45.55766	4.357456	50.08488	27.55436	22.53053	28.24595	2
1981.665	1982.66	1338.16	75.81409	91.38231	75.12189	73.61388	53.50108	2.188357	44.31057	22.12942	22.18115	29.92761	2
1981.67	1982.665	1338.165	73.28014	145.9581	71.42603	68.2246	51.62977	3.441036	44.92919	28.83495	16.09424	28.62054	2
1981.675	1982.67	1338.17	73.95998	128.6931	72.83515	69.02805	49.5305	3.58491	46.88459	32.62366	14.26093	28.9477	2
1981.68	1982.674	1338.174	72.27892	133.8878	70.5237	67.74253	54.70552	2.702627	42.59185	22.52643	20.06542	29.1191	2
1981.685	1982.679	1338.179	72.98348	174.3002	71.22826	65.06025	44.27754	5.490167	50.2323	17.54425	32.68804	27.84661	2
1981.69	1982.684	1338.184	70.05399	98.36471	68.95388	67.21102	60.27189	1.059224	38.66889	24.24263	14.42627	30.4328	2
1981.695	1982.688	1338.188	71.98226	77.79949	71.07993	69.80677	61.94193	0.231698	37.82638	22.86338	14.96299	31.26089	2
1981.7	1982.693	1338.193	66.38285	156.1337	63.23086	58.28657	65.57131	2.211483	32.21721	11.02712	21.19009	30.25236	2
1981.705	1982.698	1338.198	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1982	1982.973	1338.473	127.9393	260.1669	124.0827	121.932	0	0	100	100	0	-9999	2
1982.005	1982.977	1338.477	128.5944	217.1113	125.4671	121.796	0	0	100	100	0	-9999	2
1982.01	1982.982	1338.482	132.9701	201.8478	130.498	128.3225	0	17.40073	82.59927	82.59927	0	-9999	2
1982.015	1982.986	1338.486	132.6982	204.4146	131.1407	133.205	0	46.31377	53.68623	53.68623	0	-9999	2
1982.02	1982.991	1338.491	131.0295	166.2483	129.7934	127.5437	0	50.12755	49.87245	49.87245	0	-9999	10
1982.025	1982.996	1338.496	135.2074	174.3919	136.0479	135.5164	0	100	0	0	0	-9999	10
1982.03	1983	1338.5	133.1061	141.7106	133.9342	129.4102	0	100	0	0	0	-9999	10
1982.035	1983.005	1338.505	133.4275	166.5233	135.3681	132.1419	0	100	0	0	0	-9999	10
1982.04	1983.01	1338.51	135.2816	211.2595	139.2988	143.6251	0	100	0	0	0	-9999	10
1982.045	1983.014	1338.514	132.5622	133.7962	132.5498	129.4597	0	92.84078	7.159218	7.159218	0	-9999	10
1982.05	1983.019	1338.519	138.6808	61.0234	139.237	140.609	0	100	0	0	0	-9999	10
1982.055	1983.024	1338.524	129.5585	105.0874	129.3608	128.3472	0	72.59212	27.40788	27.40788	0	-9999	10
1982.06	1983.028	1338.528	122.8467	156.1948	122.9703	128.2854	0	61.93712	38.06288	38.06288	0	-9999	10
1982.065	1983.033	1338.533	127.8651	185.1176	128.7427	128.2236	0	100	0	0	0	-9999	10
1982.07	1983.038	1338.538	133.4027	101.2677	134.8119	135.949	0	100	0	0	0	-9999	10
1982.075	1983.042	1338.542	131.0295	99.12865	131.3879	131.9442	0	95.75056	4.249444	4.249444	0	-9999	10
1982.08	1983.047	1338.547	130.6092	86.61533	130.7946	130.4732	0	87.36644	12.63356	12.63356	0	-9999	10
1982.085	1983.052	1338.552	132.0183	74.59094	131.6846	128.6809	3.078607	75.62127	21.30012	21.30012	0	-9999	10
1982.09	1983.056	1338.556	131.9071	54.60632	132.0925	132.5375	3.993816	91.20776	4.79842	4.79842	0	-9999	10
1982.095	1983.061	1338.561	131.5115	81.57334	131.4745	131.4621	0	83.8042	16.1958	16.1958	0	-9999	10

1982.1	1983.066	1338.566	131.0913	94.31583	130.9677	130.1519	0	80.09127	19.90873	19.90873	0	-9999	10
1982.105	1983.07	1338.57	130.2507	140.3049	129.6822	129.5833	0	66.31099	33.68901	33.68901	0	-9999	10
1982.11	1983.075	1338.575	130.98	112.3906	130.7946	129.0394	0	78.89162	21.10838	21.10838	0	-9999	10
1982.115	1983.08	1338.58	127.7539	71.963	127.0988	127.2718	10.12855	51.79807	38.07338	21.13396	16.93942	23.83763	10
1982.12	1983.084	1338.584	124.7997	102.9178	124.5525	125.8132	2.194117	55.73108	42.0748	42.0748	0	-9999	10
1982.125	1983.089	1338.589	121.9814	74.36176	122.7107	123.8355	4.129602	66.54958	29.32082	29.32082	0	-9999	10
1982.13	1983.094	1338.594	119.9913	77.93699	120.9308	121.0667	3.466741	64.26058	32.27268	32.27268	0	-9999	10
1982.135	1983.098	1338.598	118.4339	151.6876	120.5476	121.7589	0	85.92382	14.07618	14.07618	0	-9999	10
1982.14	1983.103	1338.603	117.9518	102.2302	119.4104	120.0284	0	68.61876	31.38124	31.38124	0	-9999	10
1982.145	1983.108	1338.608	115.2943	96.24096	116.7157	118.7676	0	58.95637	41.04363	41.04363	0	-9999	10
1982.15	1983.112	1338.612	115.0347	98.655	115.5291	115.8381	6.461748	44.28875	49.2495	35.319	13.9305	-9999	10
1982.155	1983.117	1338.617	112.6614	148.3721	114.5897	116.0483	0	62.088	37.912	37.912	0	-9999	10
1982.16	1983.122	1338.622	111.2647	236.4237	116.0112	112.3648	0	100	0	0	0	-9999	2
1982.165	1983.126	1338.626	97.45773	117.2798	94.63948	90.74585	43.79858	0.091926	56.10949	25.65795	30.45154	30.65037	2
1982.17	1983.131	1338.631	92.97078	63.28466	92.41455	92.5876	43.4628	6.382922	50.15428	21.40986	28.74442	29.76309	2
1982.175	1983.136	1338.636	95.24516	61.61927	94.70129	94.33046	41.6776	7.552856	50.76954	26.69636	24.07318	29.74872	2
1982.18	1983.14	1338.64	96.82733	58.82326	97.21051	98.99046	33.71396	13.6698	52.61624	27.89982	24.71642	28.55845	2
1982.185	1983.145	1338.645	94.46643	124.4303	90.53572	87.35901	53.44178	0	46.55822	24.3356	22.22262	25.61034	2
1982.19	1983.15	1338.65	87.93997	65.88205	85.91281	82.37764	58.86226	0	41.13774	14.92735	26.21039	31.40691	2
1982.195	1983.154	1338.654	91.03015	48.67815	90.8571	91.5493	45.81329	6.098794	48.08792	18.46024	29.62768	30.00292	2
1982.2	1983.159	1338.659	90.78293	61.20674	89.95477	90.26378	48.08598	4.066225	47.8478	27.79924	20.04856	30.26137	2
1982.205	1983.163	1338.663	90.44919	87.88347	89.07715	87.21068	46.15226	3.560323	50.28742	21.0622	29.22521	30.10962	2
1982.21	1983.168	1338.668	87.07472	54.74383	85.7274	83.94745	57.08498	0.532021	42.383	13.74799	28.635	31.97172	2
1982.215	1983.173	1338.673	89.93004	32.77296	90.27614	91.2032	46.65102	6.59334	46.75563	17.93149	28.82414	30.18257	2
1982.22	1983.177	1338.677	93.2798	47.01277	93.83604	92.95842	38.49469	10.85828	50.64703	18.05768	32.58936	29.51079	2
1982.225	1983.182	1338.682	88.71869	128.9834	86.85222	79.06496	41.62998	4.10093	54.26909	22.92819	31.3409	30.10023	2
1982.23	1983.187	1338.687	86.04877	154.3308	80.58533	78.33568	65.82875	0	34.17125	17.82709	16.34416	25.55293	2
1982.235	1983.191	1338.691	82.89679	46.4169	81.67308	80.67186	61.98584	0	38.01416	19.62575	18.38841	31.78423	2
1982.24	1983.196	1338.696	91.03015	88.12793	90.06601	89.50978	42.39736	5.416525	52.18611	26.09636	26.08975	29.4685	2
1982.245	1983.201	1338.701	90.06601	139.1132	87.97705	82.26639	39.66335	4.185752	56.1509	23.37788	32.77303	29.55301	2
1982.25	1983.205	1338.705	87.71747	128.7542	84.28119	80.22687	54.77261	0	45.22739	17.32877	27.89862	29.38049	2
1982.255	1983.21	1338.71	84.38008	41.11516	83.67551	82.09334	57.88081	0.907389	41.2118	22.27969	18.93211	32.1053	2
1982.26	1983.215	1338.715	86.06114	50.52689	85.20824	83.35414	55.20615	1.596297	43.19755	23.37188	19.82567	31.63558	2
1982.265	1983.219	1338.719	84.57785	46.37106	83.55191	81.96973	58.91762	0.353415	40.72896	17.09972	23.62924	32.23292	2
1982.27	1983.224	1338.724	83.0822	37.44826	83.39122	84.83742	52.10701	3.209043	44.68395	13.20123	31.48272	30.57837	2
1982.275	1983.229	1338.729	85.94989	40.229	85.43074	83.57663	55.2141	1.955074	42.83082	23.6009	19.22992	31.7763	2
1982.28	1983.233	1338.733	85.59143	65.4848	84.57785	81.53711	53.26381	1.954062	44.78213	13.78835	30.99378	31.28493	2
1982.285	1983.238	1338.738	86.06114	104.0331	84.96103	85.45546	44.17355	4.409093	51.41735	25.93578	25.48158	28.93971	2
1982.29	1983.243	1338.743	81.67308	68.81557	80.98087	80.47408	53.57196	2.033426	44.39461	31.97553	12.41908	30.56032	2
1982.295	1983.247	1338.747	83.19345	68.29609	82.30347	82.24167	53.83166	1.865063	44.30327	21.56549	22.73778	30.6226	2
1982.3	1983.252	1338.752	84.31827	61.28314	83.37886	81.20337	54.87714	1.548817	43.57404	22.34915	21.22489	31.36648	2
1982.305	1983.257	1338.757	88.71869	138.1201	88.42204	86.12294	27.25284	10.48251	62.26465	43.39288	18.87177	28.39583	2
1982.31	1983.261	1338.761	86.53084	124.0636	82.68666	78.91663	60.16069	0	39.83931	12.97859	26.86072	28.30637	2
1982.315	1983.266	1338.766	85.13408	56.36337	84.31827	81.93265	54.35922	1.825297	43.81548	27.26853	16.54695	31.44724	2
1982.32	1983.271	1338.771	91.15376	94.86587	90.68405	89.55922	36.82124	8.005673	55.17309	39.12913	16.04396	29.029	2
1982.325	1983.275	1338.775	89.63339	96.11873	88.70633	85.03519	41.46123	5.595641	52.94313	27.51924	25.42389	29.78315	2
1982.33	1983.28	1338.78	83.60135	60.29002	83.89801	84.99811	46.19748	4.941502	48.86102	25.97007	22.89095	29.55748	2
1982.335	1983.285	1338.785	88.52092	73.73533	88.81758	89.70755	38.41771	8.323194	53.2591	26.2033	27.0558	28.8846	2
1982.34	1983.289	1338.789	94.55296	95.93538	95.30696	96.79025	23.95138	16.25171	59.79691	43.94768	15.84923	28.12614	2
1982.345	1983.294	1338.794	87.16124	205.8203	86.59265	77.09961	14.40975	13.41202	72.17823	56.07434	16.10389	29.51161	2
1982.35	1983.299	1338.799	80.49881	161.466	77.02544	72.08115	53.7849	1.535832	44.67926	15.29293	29.38633	29.5619	2
1982.355	1983.303	1338.803	77.19849	57.87597	75.75229	74.70162	66.1795	0	33.8205	20.2443	13.5762	31.03053	2
1982.36	1983.308	1338.808	76.60518	36.39402	75.60396	74.6769	68.47533	0	31.52467	8.882903	22.64176	31.04333	2
1982.365	1983.313	1338.813	74.54093	60.74838	73.2925	71.29006	66.3966	0	33.6034	22.09124	11.51217	31.27554	2
1982.37	1983.317	1338.817	73.02056	59.02188	72.01934	71.42603	66.29724	0	33.70276	18.23676	15.466	31.05268	2
1982.375	1983.322	1338.822	75.91297	49.67127	75.25786	75.22077	63.21679	0	36.78321	17.90474	18.87848	31.41856	2
1982.38	1983.327	1338.827	78.79303	73.67422	77.81653	75.35674	57.24911	0.995388	41.7555	18.45485	23.30065	31.21906	2
1982.385	1983.331	1338.831	74.49149	81.0997	73.88582	71.54964	56.53569	1.396412	42.0679	26.08403	15.98387	30.64125	2
1982.39	1983.336	1338.836	75.66576	116.5006	74.34316	73.49027	52.44449	2.644568	44.91094	30.27996	14.63098	29.11898	2
1982.395	1983.34	1338.84	72.30364	69.97676	71.98226	71.99462	59.03696	0.712971	40.25007	18.42146	21.8286	30.71031	2
1982.4	1983.345	1338.845	70.5237	63.55967	70.20232	65.69065	62.22745	0	37.77255	11.64444	26.12812	32.05407	2
1982.405	1983.35	1338.85	70.67202	95.79787	68.855	62.99601	65.88061	0	34.11939	23.05146	11.06792	32.23088	2
1982.41	1983.354	1338.854	73.74985	51.12276	72.68682	72.64974	68.01686	0	31.98314	9.221931	22.76121	30.82481	2
1982.415	1983.359	1338.859	74.97356	110.0224	75.09717	74.50385	43.44095	4.848905	51.71015	36.41285	15.2973	28.31074	2
1982.42	1983.364	1338.864	75.67812	147.8985	71.9081	66.37049	63.80238	0.412229	35.78539	9.94323	25.84216	31.12506	2
1982.425	1983.368	1338.868	76.80295	75.72157	75.13425	71.72269	63.94908	0	36.05092	17.68105	18.36986	31.57125	2
1982.43	1983.373	1338.873	75.76465	74.71317	74.57802	74.34316	61.41232	0.096649	38.49103	19.63622	18.85481	31.30479	2
1982.435	1983.378	1338.878	78.94135	80.56494	78.11319	77.19849	54.29555	1.827458	43.87699	19.78534	24.09165	30.34858	2
1982.44	1983.382	1338.882	79.63356	71.58103	78.39748	77.3221	58.99409	0.422412	40.5835	10.27269	30.31081	31.36391	2
1982.445	1983.387	1338.887	81.48766	98.54805	79.37398	75.04772	57.56378	0.412454	42.02377	18.43173	23.59203	31.35224	2
1982.45	1983.392	1338.892	79.53467	123.59	77.9525	77.44571	49.18118	3.125545	47.69327	20.25776	27.43552	28.82252	2
1982.455	1983.396	1338.896	80.28867	95.84371	80.23923	81.51239	43.32342	5.101712	51.57486	33.8261	17.74877	28.51683	2
1982.46	1983.401	1338.901	82.82262	132.3752	80.80782	78.65706	47.38307	3.074698	49.54223	28.55826	20.98397	29.04094	2

1982.465	1983.406	1338.906	83.86093	119.923	82.43944	82.39	44.84307	4.003264	51.15366	19.6808	31.47286	28.69767	2
1982.47	1983.41	1338.91	75.48035	91.70316	74.0465	74.269	59.47821	0.737491	39.7843	17.72176	22.06254	30.48598	2
1982.475	1983.415	1338.915	76.53101	67.60855	75.85117	75.33202	58.49896	0.755511	40.74553	27.32315	13.42237	31.04018	2
1982.48	1983.42	1338.92	79.80661	98.1508	79.01552	77.68056	48.95635	3.296949	47.7467	34.07606	13.67064	29.45768	2
1982.485	1983.424	1338.924	78.16263	111.2905	76.49393	73.86109	54.09049	1.928438	43.98108	13.07716	30.90392	29.96795	2
1982.49	1983.429	1338.929	76.98836	240.4114	74.269	66.65479	32.0662	8.47646	59.45734	28.86027	30.59707	26.69661	2
1982.495	1983.434	1338.934	68.48418	129.4417	66.04911	59.79458	64.54141	1.252028	34.20656	14.9955	19.21106	31.14967	2
1982.5	1983.438	1338.938	66.75367	115.9047	63.71293	60.52386	74.10341	0	25.89659	17.80621	8.090382	32.38715	2
1982.505	1983.443	1338.943	62.64991	61.89429	61.00593	57.37188	80.12449	0	19.87551	13.64557	6.229944	31.99599	2
1982.51	1983.448	1338.948	63.1567	72.26857	61.85882	58.42254	74.46539	0	25.53461	12.7869	12.74771	31.6598	2
1982.515	1983.452	1338.952	71.66088	112.574	71.36423	77.54459	49.12818	3.502309	47.36951	17.43205	29.93745	27.2642	2
1982.52	1983.457	1338.957	75.81409	93.64357	76.25908	76.56809	44.14065	4.638733	51.22062	24.86456	26.35606	28.57512	2
1982.525	1983.462	1338.962	76.58045	118.6244	76.76587	77.09961	39.40195	6.014731	54.58332	33.46182	21.12149	27.83392	2
1982.53	1983.466	1338.966	78.19971	134.9268	78.39748	79.76952	33.87125	7.650352	58.4784	34.74176	23.73664	27.27162	2
1982.535	1983.471	1338.971	77.86597	94.89643	77.42098	77.09961	48.84702	3.401121	47.75186	20.52522	27.22664	29.1993	2
1982.54	1983.476	1338.976	79.83133	67.73078	79.76952	79.1144	50.64331	3.023516	46.33317	23.45745	22.87573	30.09922	2
1982.545	1983.48	1338.98	82.0439	63.9722	81.26517	80.01674	55.07347	1.57584	43.35069	16.06064	27.29005	31.03471	2
1982.55	1983.485	1338.985	86.81514	40.06093	86.61737	86.58029	51.96806	3.376097	44.65585	19.6562	24.99965	30.94613	2
1982.555	1983.49	1338.99	91.98193	69.85453	91.52458	90.94362	42.01627	6.778468	51.20526	18.67392	32.53134	29.63842	2
1982.56	1983.494	1338.994	90.78293	154.9267	91.22792	93.94728	15.53879	15.8115	68.64971	54.24964	14.40006	27.83221	2
1982.565	1983.499	1338.999	85.99933	112.8031	85.04756	84.50368	40.95852	5.461113	53.58037	36.28186	17.29851	28.7213	2
1982.57	1983.504	1339.004	86.12294	97.17296	87.26013	85.61615	28.43784	11.58877	59.9734	39.63455	20.33884	28.68295	2
1982.575	1983.508	1339.008	76.90183	163.33	72.58794	67.96502	63.15713	0.400945	36.44192	12.12506	24.31686	30.61837	2
1982.58	1983.513	1339.013	64.49166	52.80342	62.93421	61.488	79.9595	0	20.0405	20.0405	0	31.35309	2
1982.585	1983.517	1339.017	67.17394	46.64608	66.44465	66.04911	72.56357	0	27.43643	7.881251	19.55518	30.62142	2
1982.59	1983.522	1339.022	76.80295	60.015	75.87589	74.34316	62.00233	0	37.99767	9.118606	28.87906	31.7512	2
1982.595	1983.527	1339.027	81.54947	76.72997	81.59891	82.30347	46.02265	4.510866	49.46648	20.23899	29.22749	29.25523	2
1982.6	1983.531	1339.031	80.80782	78.62454	80.94379	80.85727	45.57591	4.59868	49.82541	17.31892	32.50649	29.29056	2
1982.605	1983.536	1339.036	80.61005	60.68727	79.50995	77.85361	59.67825	0.198117	40.12364	22.96353	17.16011	31.87059	2
1982.61	1983.541	1339.041	79.60883	59.95388	78.26151	76.93892	62.69276	0	37.30724	18.00508	19.30216	31.47464	2
1982.615	1983.545	1339.045	73.15653	82.90259	72.40253	71.3395	58.4771	1.009673	40.51323	14.85455	25.65868	30.58041	2
1982.62	1983.55	1339.05	70.22704	85.63749	68.02683	64.08376	71.71848	0	28.28152	7.641309	20.64021	31.67022	2
1982.625	1983.555	1339.055	66.902	29.91583	66.44465	66.64243	74.75497	0	25.24503	16.13288	9.11215	30.3319	2
1982.63	1983.559	1339.059	68.75611	43.19308	68.53362	67.38407	68.01597	0	31.98403	8.582017	23.40201	30.83121	2
1982.635	1983.564	1339.064	78.54581	61.9554	79.17621	82.58777	47.85907	3.868253	48.27268	20.53558	27.7371	29.07487	2
1982.64	1983.569	1339.069	73.24306	85.65277	73.20597	74.24428	52.1758	2.466638	45.35756	18.01618	27.34138	29.24458	2
1982.645	1983.573	1339.073	66.80312	67.95996	65.77718	63.60169	70.04586	0	29.95414	22.4201	7.534036	31.20834	2
1982.65	1983.578	1339.078	65.22094	48.44897	63.51516	62.13076	81.49188	0	18.50812	18.50812	0	31.40647	2
1982.655	1983.583	1339.083	60.58567	17.15806	60.52386	60.11596	80.58791	0	19.41209	19.41209	0	30.22033	2
1982.66	1983.587	1339.087	60.74636	23.45291	60.30137	59.72042	81.88639	0	18.11361	8.15207	9.961539	30.60295	2
1982.665	1983.592	1339.092	63.82418	40.97766	64.31861	61.53744	67.53334	0	32.46666	18.15453	14.31213	30.62783	2
1982.67	1983.597	1339.097	69.25054	55.8439	69.46067	69.62136	61.14675	0	38.85325	21.1022	17.75104	31.13904	2
1982.675	1983.601	1339.101	64.38041	71.68798	63.441	60.98121	70.702	0	29.298	23.82905	5.468953	31.28127	2
1982.68	1983.606	1339.106	61.50036	43.11668	60.94413	60.88233	77.29623	0	22.70377	17.93672	4.767043	30.51125	2
1982.685	1983.611	1339.111	62.20492	66.24874	61.03065	59.49792	75.83986	0	24.16014	7.014919	17.14522	31.25623	2
1982.69	1983.615	1339.115	59.62153	39.23588	59.20127	57.44604	78.91016	0	21.08984	17.17	3.919841	30.78784	2
1982.695	1983.62	1339.12	61.7723	50.38938	61.00593	59.27543	76.91459	0	23.08541	4.477646	18.60777	30.97921	2
1982.7	1983.625	1339.125	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1983	1983.904	1339.404	174.9472	143.4524	180.151	183.1794	0	100	0	0	0	-9999	2
1983.005	1983.909	1339.409	168.5072	204.2313	171.7086	181.486	0	100	0	0	0	-9999	2
1983.01	1983.913	1339.413	167.0734	120.7481	167.8274	170.077	0	100	0	0	0	-9999	2
1983.015	1983.918	1339.418	165.0709	110.1752	164.4653	165.6642	0	100	0	0	0	-9999	2
1983.02	1983.923	1339.423	167.1228	89.91555	167.6543	168.7915	0	100	0	0	0	-9999	2
1983.025	1983.927	1339.427	158.5568	112.7573	155.6026	151.6101	0	0	100	100	0	-9999	2
1983.03	1983.932	1339.432	150.8932	35.93566	150.2751	150.4853	0	100	0	0	0	-9999	2
1983.035	1983.937	1339.437	148.3716	35.70648	147.7783	147.494	0	100	0	0	0	-9999	2
1983.04	1983.941	1339.441	147.358	28.64769	147.049	146.8636	0	100	0	0	0	-9999	2
1983.045	1983.946	1339.446	150.9921	37.98302	150.5718	151.1775	0	100	0	0	0	-9999	2
1983.05	1983.951	1339.451	143.5138	61.61927	141.9811	140.4113	4.93409	67.11213	27.95378	27.95378	0	-9999	2
1983.055	1983.955	1339.455	145.4174	101.6649	143.7487	142.9576	0	68.61712	31.38288	31.38288	0	-9999	2
1983.06	1983.96	1339.46	156.542	154.9573	159.1625	157.9017	0	100	0	0	0	-9999	10
1983.065	1983.965	1339.465	152.0551	198.5934	152.6731	153.6867	0	100	0	0	0	-9999	10
1983.07	1983.969	1339.469	134.404	155.0795	133.4151	133.1184	0	66.89233	33.10767	33.10767	0	-9999	10
1983.075	1983.974	1339.474	134.2062	82.59702	133.5511	133.4398	1.619003	73.43359	24.94741	24.94741	0	-9999	10
1983.08	1983.979	1339.479	140.6338	72.95612	140.6338	139.1258	0	100	0	0	0	-9999	10
1983.085	1983.983	1339.483	146.4804	68.46416	146.4309	144.9229	0	100	0	0	0	-9999	10
1983.09	1983.988	1339.488	146.6905	53.94933	147.222	147.6547	0	100	0	0	0	-9999	10
1983.095	1983.993	1339.493	149.5088	54.74383	149.9661	151.1033	0	100	0	0	0	-9999	10
1983.1	1983.997	1339.497	153.1923	46.96693	153.0439	151.6101	0	100	0	0	0	-9999	10
1983.105	1984.002	1339.502	151.1404	50.49633	151.6966	151.5607	0	100	0	0	0	-9999	10
1983.11	1984.007	1339.507	148.5817	62.56655	149.4222	151.3629	0	100	0	0	0	-9999	10
1983.115	1984.011	1339.511	147.3086	61.46648	147.5805	146.9007	0	100	0	0	0	-9999	10
1983.12	1984.016	1339.516	147.1108	61.61927	147.5434	149.5088	0	100	0	0	0	-9999	10

1983.125	1984.021	1339.521	145.3061	93.71996	145.6893	148.5817	0	100	0	0	0	-9999	10
1983.13	1984.025	1339.525	142.9699	83.59014	142.2901	140.9675	0	100	0	0	0	-9999	10
1983.135	1984.03	1339.53	137.1357	63.98748	136.3199	135.3186	4.672721	77.38768	17.93959	17.93959	0	-9999	10
1983.14	1984.035	1339.535	139.0392	43.33059	138.6437	138.1616	4.412834	94.62761	0.959552	0.135849	0.823703	-9999	10
1983.145	1984.039	1339.539	140.7079	54.40769	141.4001	140.2877	0	100	0	0	0	-9999	10
1983.15	1984.044	1339.544	135.8254	115.1255	138.2358	140.2259	0	100	0	0	0	-9999	10
1983.155	1984.049	1339.549	145.7758	78.12034	146.3568	146.9748	0	100	0	0	0	-9999	10
1983.16	1984.053	1339.553	153.39	118.823	154.861	156.3566	0	100	0	0	0	-9999	10
1983.165	1984.058	1339.558	155.9611	105.8513	155.9116	156.7027	0	100	0	0	0	-9999	10
1983.17	1984.062	1339.562	159.4097	80.07602	159.9289	159.1749	0	100	0	0	0	-9999	10
1983.175	1984.067	1339.567	148.421	118.059	150.819	153.5507	0	100	0	0	0	-9999	10
1983.18	1984.072	1339.572	137.2593	128.3264	135.9367	134.8489	0	61.14772	38.85228	38.85228	0	-9999	10
1983.185	1984.076	1339.576	138.1987	104.5373	137.9144	139.8798	0	100	0	0	0	-9999	10
1983.19	1984.081	1339.581	135.8749	98.74668	136.7649	140.0157	0	100	0	0	0	-9999	10
1983.195	1984.086	1339.586	128.6809	181.0076	130.7452	121.1162	0	100	0	0	0	-9999	10
1983.2	1984.09	1339.59	127.0988	85.8514	126.765	125.4548	4.879583	59.24473	35.87569	34.67158	1.204111	-9999	10
1983.205	1984.095	1339.595	135.8254	38.91502	135.7389	135.5411	5.590081	88.54012	5.869803	0	5.869803	-9999	10
1983.21	1984.1	1339.6	138.5819	77.4328	140.0281	140.1888	0	100	0	0	0	-9999	10
1983.215	1984.104	1339.604	130.9677	241.2823	128.2607	133.7488	0	12.32901	87.67099	87.67099	0	-9999	10
1983.22	1984.109	1339.609	128.0258	83.95683	127.1853	123.1557	8.4128	48.41943	43.16777	38.2545	4.913265	25.25959	10
1983.225	1984.114	1339.614	127.8775	135.2782	128.6686	128.2236	0	96.26333	3.736667	3.736667	0	-9999	10
1983.23	1984.118	1339.618	128.8663	92.60461	128.9529	128.5326	0	77.42783	22.57217	22.57217	0	-9999	10
1983.235	1984.123	1339.623	129.027	60.29002	128.7304	128.4832	9.004037	64.80045	26.19552	25.19638	0.999134	21.96447	10
1983.24	1984.128	1339.628	128.9529	89.79332	128.7551	128.7427	1.166104	69.36732	29.46658	29.46658	0	-9999	10
1983.245	1984.132	1339.632	125.7885	51.67279	126.592	128.4832	5.543022	81.50306	12.95392	7.313015	5.640902	-9999	10
1983.25	1984.137	1339.637	125.6773	60.97756	126.2335	128.2978	5.309528	75.36331	19.32716	15.90562	3.421548	-9999	10
1983.255	1984.142	1339.642	115.9247	112.4976	115.5168	109.6949	9.286156	33.64014	57.0737	54.53925	2.534444	28.5373	2
1983.26	1984.146	1339.646	113.0446	47.70031	113.2424	112.5131	22.92275	32.58009	44.49716	13.85311	30.64405	26.9356	2
1983.265	1984.151	1339.651	112.6491	131.3516	112.5749	110.8444	5.150552	33.99734	60.8521	60.8521	0	-9999	2
1983.27	1984.156	1339.656	107.4823	55.27858	107.7295	106.6047	25.82297	24.51597	49.66106	28.93661	20.72445	28.01705	2
1983.275	1984.16	1339.66	116.0483	116.5006	117.4821	120.7083	0	62.84852	37.15148	37.15148	0	-9999	2
1983.28	1984.165	1339.665	106.0114	86.47783	106.1597	107.2351	20.39237	23.66202	55.9456	37.52852	18.41709	27.77527	2
1983.285	1984.17	1339.67	108.9779	77.21889	107.9644	104.5899	28.90858	15.03023	56.06119	32.23278	23.82841	29.31363	2
1983.29	1984.174	1339.674	112.3277	151.2598	113.7121	113.0941	0	53.83368	46.16632	46.16632	0	-9999	2
1983.295	1984.179	1339.679	107.7789	62.19986	106.9508	104.8494	32.20932	14.75934	53.03134	20.31476	32.71657	29.21805	2
1983.3	1984.184	1339.684	107.6183	53.52152	107.4452	106.7901	29.38014	20.39565	50.22421	23.34668	26.87752	28.35402	2
1983.305	1984.188	1339.688	113.057	44.79735	113.1806	113.8481	24.18867	31.42888	44.38245	20.39679	23.98566	26.78518	2
1983.31	1984.193	1339.693	105.8012	28.5713	105.6776	105.999	36.70658	17.00603	46.2874	23.32446	22.96294	28.89152	2
1983.315	1984.198	1339.698	99.29948	42.55137	99.2624	98.75561	38.63444	12.11172	49.25385	34.23059	15.02326	29.48519	2
1983.32	1984.202	1339.702	104.0089	75.66046	103.0819	102.6245	33.18664	11.69137	55.12199	31.59333	23.52865	29.11544	2
1983.325	1984.207	1339.707	114.0335	72.00883	113.9964	111.858	17.95046	32.87442	49.17513	32.89516	16.27997	27.29875	2
1983.33	1984.212	1339.712	99.47253	37.44826	98.87921	98.43423	44.02099	8.284134	47.69488	27.61424	20.08064	30.26788	2
1983.335	1984.216	1339.716	96.17221	28.0671	95.70251	94.62712	48.36956	6.235416	45.39502	20.03426	25.36076	31.01181	2
1983.34	1984.221	1339.721	98.3477	27.42539	98.08813	98.11285	44.89488	8.904347	46.20077	20.77903	25.42174	30.27618	2
1983.345	1984.226	1339.726	99.75683	51.84086	99.57141	98.50839	37.11517	12.14483	50.74001	27.82781	22.91219	29.43051	2
1983.35	1984.23	1339.73	92.77301	40.03037	91.51222	89.75699	54.73264	1.518062	43.7493	19.74267	24.00663	32.07558	2
1983.355	1984.235	1339.735	94.97322	28.66297	94.67657	95.05975	47.98729	6.457008	45.5557	18.87543	26.68027	30.63464	2
1983.36	1984.239	1339.739	92.83482	20.91663	92.82246	93.5641	49.62594	6.007462	44.3666	29.57173	14.79487	30.82109	2
1983.365	1984.244	1339.744	92.04373	40.39706	91.10431	89.38617	52.82415	2.690786	44.48506	23.53781	20.94726	31.65775	2
1983.37	1984.249	1339.749	91.12904	50.16019	89.79408	86.12294	54.36845	1.360109	44.27144	19.00725	25.26419	32.15329	2
1983.375	1984.253	1339.753	93.23036	96.74516	91.10431	87.79164	47.2926	1.643073	51.06433	32.63424	18.43009	30.67397	2
1983.38	1984.258	1339.758	93.19328	24.2474	92.8719	92.35275	50.885	4.974674	44.14033	24.86777	19.27256	31.2616	2
1983.385	1984.263	1339.763	96.24638	52.5284	96.13513	95.2328	39.60362	9.927281	50.4691	31.41723	19.05187	29.6419	2
1983.39	1984.267	1339.767	81.96973	22.50563	81.61127	80.99324	61.91956	0	38.08044	8.799406	29.28104	32.72394	2
1983.395	1984.272	1339.772	85.56671	51.00053	84.82506	83.91037	54.68424	1.831093	43.48466	23.74635	19.73832	31.32659	2
1983.4	1984.277	1339.777	86.60501	66.44736	85.23297	83.03276	54.87645	1.129207	43.99434	30.58215	13.4122	31.44328	2
1983.405	1984.281	1339.781	90.41211	56.83702	89.46034	88.52092	50.44256	3.126843	46.43059	27.03687	19.39372	30.85884	2
1983.41	1984.286	1339.786	88.53328	52.49785	87.61859	85.39366	52.93378	2.316158	44.75006	31.36117	13.3889	31.43405	2
1983.415	1984.291	1339.791	98.14993	59.69415	97.22288	94.98558	42.44076	6.91011	50.64913	25.59353	25.0556	30.32287	2
1983.42	1984.295	1339.795	84.08342	23.74321	84.00925	83.82384	57.47217	1.544866	40.98296	11.68429	29.29867	32.01371	2
1983.425	1984.3	1339.8	97.49481	78.34952	96.95094	96.76553	35.5592	10.03858	54.40222	29.26774	25.13448	29.0827	2
1983.43	1984.305	1339.805	86.20946	60.19835	84.63965	82.06862	58.28534	0	41.71466	20.70464	21.01001	32.17633	2
1983.435	1984.309	1339.809	89.70755	49.80878	89.90532	91.06723	43.8826	6.99405	49.12335	25.33261	23.79075	29.61544	2
1983.44	1984.314	1339.814	90.95598	82.09282	91.42569	89.2502	32.8138	11.12088	56.06532	33.51774	22.54758	29.08319	2
1983.445	1984.319	1339.819	80.67186	56.71479	79.95493	77.07488	57.61306	0.891665	41.49527	23.72892	17.76635	31.79467	2
1983.45	1984.323	1339.823	83.16872	48.3573	83.53955	84.88687	48.90844	4.167626	46.92394	28.09284	18.83109	29.98568	2
1983.455	1984.328	1339.828	78.65706	31.53538	78.24915	78.7065	63.1652	0	36.8348	25.2961	11.5387	31.76873	2
1983.46	1984.333	1339.833	79.55939	79.78573	78.16263	77.82889	58.32213	0.594109	41.08377	21.26264	19.82112	30.93609	2
1983.465	1984.337	1339.837	75.46799	18.99151	75.04772	75.43091	69.23056	0	30.76944	10.0877	20.68174	30.91494	2
1983.47	1984.342	1339.842	76.32088	27.80736	75.81409	76.2838	66.98303	0	33.01697	16.82518	16.19178	31.09215	2
1983.475	1984.347	1339.847	75.67812	56.01196	74.50385	73.41611	65.92182	0	34.07818	15.732	18.34618	31.15658	2
1983.48	1984.351	1339.851	92.41455	314.7426	89.16368	84.38008	4.00516	11.64855	84.34629	82.0223	2.323989	-9999	2
1983.485	1984.356	1339.856	78.73122	42.64304	79.02788	79.64592	54.94856	1.832882	43.21855	31.19494	12.02362	30.86802	2

1983.49	1984.361	1339.861	77.53223	64.44584	78.02666	78.63234	49.24263	3.346751	47.41062	25.27557	22.13505	29.64381	2
1983.495	1984.365	1339.865	79.43578	53.64375	78.92899	79.27509	57.86491	0.877439	41.25765	18.36235	22.8953	31.22306	2
1983.5	1984.37	1339.87	78.53345	37.44826	78.12555	78.40984	61.848	0	38.152	17.48878	20.66322	31.92009	2
1983.505	1984.375	1339.875	77.63112	51.85614	77.90305	79.13913	53.92268	2.026742	44.05058	32.06512	11.98546	30.37245	2
1983.51	1984.379	1339.879	78.7065	40.53457	78.48401	78.48401	59.50498	0.460131	40.03489	16.01416	24.02073	31.78561	2
1983.515	1984.384	1339.884	82.52597	63.69718	81.58655	82.41472	55.94186	1.247846	42.81029	15.40431	27.40598	30.8212	2
1983.52	1984.389	1339.889	85.49254	45.27099	84.99811	82.7979	54.22311	2.211229	43.56566	14.53892	29.02675	31.56468	8
1983.525	1984.393	1339.893	78.63234	48.34202	78.57053	78.95371	56.43846	1.339364	42.22218	18.08919	24.13298	31.0325	8
1983.53	1984.398	1339.898	80.86963	33.33827	80.48645	80.11562	60.50175	0.21392	39.28433	25.14882	14.13551	32.29732	8
1983.535	1984.403	1339.903	81.28989	71.55047	80.70894	79.04024	52.40048	2.403826	45.19569	30.69413	14.50156	30.52379	8
1983.54	1984.407	1339.907	82.87207	50.55744	82.15514	82.01918	57.07895	1.064868	41.85619	19.23114	22.62505	31.43845	8
1983.545	1984.412	1339.912	86.87694	44.99597	86.1353	85.31949	54.93193	1.858326	43.20975	16.78673	26.42301	31.5112	8
1983.55	1984.416	1339.916	83.78676	28.64769	83.18108	82.7361	60.67743	0.176412	39.14616	24.50777	14.63839	32.59254	8
1983.555	1984.421	1339.921	83.45302	23.97239	82.94623	82.16751	61.34953	0.043958	38.60652	15.34772	23.25879	32.84849	8
1983.56	1984.426	1339.926	82.11806	31.04646	81.31461	80.30103	63.16486	0	36.83514	15.45114	21.384	32.11609	8
1983.565	1984.43	1339.93	90.23906	57.60095	90.18962	88.68161	43.42381	6.795724	49.78046	31.9613	17.81916	29.99684	8
1983.57	1984.435	1339.935	90.48628	106.0958	90.65933	99.16351	29.73631	11.14963	59.11406	26.38746	32.7266	26.79508	8
1983.575	1984.44	1339.94	84.8127	130.0223	82.87207	85.94989	45.54683	3.353866	51.0993	28.85514	22.24416	28.0915	8
1983.58	1984.444	1339.944	82.76082	38.73168	82.52597	82.06862	56.3071	1.589612	42.10329	27.60324	14.50005	31.55252	8
1983.585	1984.449	1339.949	80.7213	62.59711	80.49881	79.52231	52.31223	2.556039	45.13174	17.79313	27.33861	30.51037	8
1983.59	1984.454	1339.954	83.29233	55.59944	82.16751	81.99445	58.6334	0.374293	40.99231	10.28598	30.70633	31.67075	8
1983.595	1984.458	1339.958	75.67812	59.58719	75.54215	75.10953	57.00978	1.115021	41.8752	27.98175	13.89345	30.88474	3
1983.6	1984.463	1339.963	84.62729	55.69111	83.52719	82.14278	57.19146	0.773329	42.03521	12.06259	29.97262	31.71936	3
1983.605	1984.468	1339.968	83.18108	36.94406	82.67429	81.51239	58.46056	0.832766	40.70667	26.07245	14.63422	32.12168	3
1983.61	1984.472	1339.972	79.683	48.17395	79.13913	79.83133	59.24855	0.484507	40.26694	10.13399	30.13295	31.5221	3
1983.615	1984.477	1339.977	83.93509	40.88598	83.67551	82.87207	54.89702	2.082331	43.02065	30.47138	12.54927	31.40277	3
1983.62	1984.482	1339.982	80.3752	58.70103	79.48523	78.23679	58.74646	0.526698	40.72685	26.00008	14.72677	31.63677	3
1983.625	1984.486	1339.986	82.32819	62.62767	82.13042	81.25281	50.6349	3.156609	46.2085	15.2358	30.9727	30.34834	3
1983.63	1984.491	1339.991	93.23036	130.0223	93.05731	94.04617	24.10381	12.84697	63.04922	32.67529	30.37394	28.03808	3
1983.635	1984.496	1339.996	87.75456	41.54297	86.90167	86.22182	55.82231	1.536447	42.64124	25.87296	16.76828	31.74265	3
1983.64	1984.5	1340	88.40967	39.87758	88.4344	88.61981	48.82113	4.928783	46.25008	22.53729	23.71279	30.49201	3
1983.645	1984.505	1340.005	80.53589	127.5777	78.28624	76.64226	52.46799	1.976312	45.5557	25.53306	20.02264	29.4321	3
1983.65	1984.51	1340.01	71.84629	108.2501	69.42359	66.63007	66.48084	0	33.51916	21.19735	12.3218	31.61126	3
1983.655	1984.514	1340.014	79.62119	68.12803	79.63356	77.33446	50.16572	3.165047	46.66923	23.45402	23.21521	30.31648	3
1983.66	1984.519	1340.019	77.34682	85.59166	77.08724	76.93892	50.13945	3.044864	46.81568	22.94283	23.87285	29.45617	3
1983.665	1984.524	1340.024	80.69658	66.21818	80.46172	81.07976	51.55447	2.760931	45.6846	25.97255	19.71205	30.046	3
1983.67	1984.528	1340.028	79.04024	100.3357	78.81775	78.11319	44.72607	4.593024	50.68091	19.93201	30.74889	28.83348	3
1983.675	1984.533	1340.033	67.89086	86.66117	66.45702	66.75367	67.6807	0	32.3193	16.3249	15.9944	31.02138	3
1983.68	1984.538	1340.038	71.9699	62.0318	71.48783	72.20476	62.51203	0	37.48797	6.902986	30.58499	31.13052	3
1983.685	1984.542	1340.042	73.68804	37.708	73.47791	73.49027	64.71019	0	35.28981	9.087073	26.20274	31.20329	3
1983.69	1984.547	1340.047	75.08481	61.60399	74.81287	75.9377	58.12132	0.838494	41.04019	17.74245	23.29774	30.69869	3
1983.695	1984.552	1340.052	76.70406	100.244	76.79059	77.16141	44.50265	4.599705	50.89765	28.4044	22.49325	28.49193	3
1983.7	1984.556	1340.056	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1984	1984.836	1340.336	125.1952	40.88598	125.702	125.4053	10.99838	70.90073	18.10089	2.761241	15.33965	21.47396	3
1984.005	1984.84	1340.34	127.2718	137.2339	127.6426	129.5709	0	82.03282	17.96718	17.96718	0	-9999	3
1984.01	1984.845	1340.345	130.2631	51.56584	130.4238	129.5585	6.433661	82.6934	10.87294	8.007874	2.865065	-9999	3
1984.015	1984.85	1340.35	120.4981	77.67726	119.3733	117.5934	19.06123	26.93804	54.00073	30.04188	23.95885	27.56292	3
1984.02	1984.854	1340.354	130.4485	190.3123	132.5128	128.6315	0	100	0	0	0	-9999	3
1984.025	1984.859	1340.359	124.8738	61.48176	125.4301	126.3324	5.926684	72.27689	21.79643	17.09593	4.700496	-9999	3
1984.03	1984.864	1340.364	118.8171	145.5761	115.8876	113.9717	18.16245	0.655306	81.18224	53.6448	27.53745	30.94931	3
1984.035	1984.868	1340.368	121.9814	113.781	121.3016	119.4227	5.510857	40.35802	54.13112	54.13112	0	-9999	3
1984.04	1984.873	1340.373	118.2238	47.41002	117.9889	117.2349	21.58104	36.27977	42.1392	19.50311	22.63609	26.22147	3
1984.045	1984.878	1340.378	116.963	41.92494	116.6539	115.6774	24.64313	32.2359	43.12097	22.89418	20.22679	26.77632	3
1984.05	1984.882	1340.382	122.3646	106.111	122.3399	123.1062	1.937284	54.04295	44.01977	44.01977	0	-9999	3
1984.055	1984.887	1340.387	127.0617	58.85381	127.4696	129.2619	5.699373	76.89464	17.40598	12.66567	4.740311	-9999	3
1984.06	1984.892	1340.392	114.6762	79.64822	114.4414	112.303	17.04312	31.77895	51.17793	32.35855	18.81938	27.44067	3
1984.065	1984.896	1340.396	116.7157	79.43431	115.5662	110.3994	22.3074	21.57288	56.11971	40.30811	15.8116	28.89015	3
1984.07	1984.901	1340.401	113.7368	127.1957	112.2041	108.2239	16.45943	16.59494	66.94564	46.02668	20.91895	29.53559	3
1984.075	1984.906	1340.406	122.8714	67.25714	122.995	123.9344	9.724135	56.00729	34.26858	16.84189	17.42669	23.77287	3
1984.08	1984.91	1340.41	122.6736	90.34335	122.3152	121.3387	8.055251	46.83653	45.10821	30.795	14.31321	25.59932	3
1984.085	1984.915	1340.415	113.1311	97.03545	111.9692	109.6825	21.44157	18.635	59.92343	43.90735	16.01608	28.77408	3
1984.09	1984.92	1340.42	110.7332	88.0057	109.8308	106.5676	23.8212	18.62822	57.55057	41.70052	15.85006	28.915	3
1984.095	1984.924	1340.424	111.5242	53.47569	110.8938	108.2239	29.34216	20.30433	50.35351	27.36522	22.98828	28.67581	3
1984.1	1984.929	1340.429	105.7765	88.95299	104.0831	101.512	34.283	7.408975	58.30802	28.58183	29.72619	29.91646	3
1984.105	1984.934	1340.434	111.4748	87.15009	110.7826	108.7678	21.71742	21.79343	56.48915	40.81358	15.67558	28.39988	3
1984.11	1984.938	1340.438	113.7986	37.28019	113.675	115.5168	27.24142	28.93946	43.81912	28.49221	15.32692	26.80312	3
1984.115	1984.943	1340.443	113.5761	57.44817	113.6626	114.1447	20.93694	32.73952	46.32354	16.65975	29.66379	26.71371	3
1984.12	1984.948	1340.448	112.7603	73.81173	113.1435	110.4736	15.42841	36.24088	48.33071	37.56701	10.7637	27.23673	3
1984.125	1984.952	1340.452	106.7159	45.65296	107.1485	106.1844	27.42049	24.58149	47.99801	17.07238	30.92563	28.01636	3
1984.13	1984.957	1340.457	98.43423	26.03502	98.33534	98.84213	43.9064	9.878948	46.21465	24.77296	21.44169	30.0173	3
1984.135	1984.961	1340.461	99.70738	59.09827	98.95338	96.92622	39.81096	8.864983	51.32406	28.64332	22.68073	29.97847	3
1984.14	1984.966	1340.466	97.66786	42.73471	97.03746	97.38357	44.68935	7.236009	48.07465	19.36353	28.71111	30.16298	3
1984.145	1984.971	1340.471	98.21173	32.2382	98.01396	98.9163	43.37629	9.507851	47.11586	26.67844	20.43742	29.86513	3

1984.15	1984.975	1340.475	102.1919	94.33111	101.3266	102.4885	29.86103	12.13424	58.00473	38.37729	19.62744	28.54195	3
1984.155	1984.98	1340.48	114.5526	55.52304	115.4797	116.6292	13.99034	46.61254	39.39713	28.76719	10.62994	25.32393	3
1984.16	1984.985	1340.485	121.0049	83.3304	122.3646	125.8132	0	76.77514	23.22486	23.22486	0	-9999	3
1984.165	1984.989	1340.489	107.1115	78.1509	106.3698	100.0411	28.29268	16.03555	55.67177	33.08316	22.58862	29.72892	3
1984.17	1984.994	1340.494	95.03503	79.43431	93.24272	91.35153	47.23504	2.376737	50.38822	16.65781	33.73041	30.6868	3
1984.175	1984.999	1340.499	99.62086	68.2197	99.53433	99.06462	32.51021	13.79412	53.69567	36.96279	16.73288	28.87586	3
1984.18	1985.003	1340.503	102.1795	57.18843	101.5368	101.4379	37.13661	11.24625	51.61715	31.32732	20.28982	29.3311	3
1984.185	1985.008	1340.508	100.8322	80.91635	99.76919	97.80383	35.89104	8.985521	55.12344	22.05312	33.07033	29.5954	3
1984.19	1985.013	1340.513	104.1696	65.97372	104.2685	102.4762	27.43196	19.58861	52.97943	38.31654	14.66289	28.60368	3
1984.195	1985.017	1340.517	104.5404	88.03626	104.182	102.4144	25.29611	17.62646	57.07744	33.48005	23.59739	28.69569	3
1984.2	1985.022	1340.522	108.8667	131.7641	108.0385	104.9731	14.37405	20.49236	65.13359	43.22371	21.90989	29.08883	3
1984.205	1985.027	1340.527	113.5638	80.99275	114.6762	116.9506	7.299483	48.49678	44.20374	34.60995	9.593786	-9999	3
1984.21	1985.031	1340.531	106.1226	59.03716	105.863	103.9595	30.09192	18.19031	51.71777	25.86888	25.84888	28.79531	3
1984.215	1985.036	1340.536	102.2537	62.88741	101.8705	99.71974	33.67751	13.61717	52.70531	21.53207	31.17325	29.3097	3
1984.22	1985.041	1340.541	102.5998	53.72015	102.8223	102.2166	30.88359	17.98168	51.13473	33.24876	17.88597	28.62516	3
1984.225	1985.045	1340.545	104.5404	41.58881	104.4292	104.6393	34.62048	16.57986	48.79966	19.93959	28.86008	28.77871	3
1984.23	1985.05	1340.55	107.2227	43.26947	107.4946	108.6813	28.77639	23.57899	47.64462	30.69451	16.9501	27.72067	8
1984.235	1985.055	1340.555	105.0225	60.07612	105.999	108.3352	21.27303	28.09361	50.63336	24.72697	25.90639	27.19327	8
1984.24	1985.059	1340.559	100.0906	43.04029	100.1771	100.4737	36.83036	13.68718	49.48246	27.79076	21.6917	29.09991	8
1984.245	1985.064	1340.564	98.58256	85.2708	96.74081	92.71121	42.94207	3.45748	53.60045	31.49859	22.10186	30.73893	8
1984.25	1985.069	1340.569	100.7828	43.11668	100.6468	99.06462	37.89937	12.77955	49.32108	25.71323	23.60786	29.59058	8
1984.255	1985.073	1340.573	103.4403	52.69647	103.7493	103.156	29.68746	19.58155	50.73098	29.14031	21.59067	28.46228	8
1984.26	1985.078	1340.578	102.7234	64.38473	101.6109	100.3996	38.53498	8.646975	52.81805	36.25908	16.55897	29.81576	8
1984.265	1985.083	1340.583	99.58378	52.32978	99.386	96.74081	37.25185	11.95274	50.79541	34.45815	16.33726	29.73137	8
1984.27	1985.087	1340.587	104.5652	78.45647	102.2784	100.6962	42.53579	1.550445	55.91376	19.51329	36.40047	30.828	2
1984.275	1985.092	1340.592	108.5453	86.73756	109.0027	104.4663	15.60339	30.44429	53.95232	27.74581	26.20651	28.36455	2
1984.28	1985.097	1340.597	104.182	89.16689	104.7382	106.0237	18.2634	25.07204	56.66456	34.2669	22.39766	27.73595	2
1984.285	1985.101	1340.601	94.37991	66.95156	94.04617	93.74951	39.55469	8.487718	51.95759	20.06506	31.89253	29.41868	2
1984.29	1985.106	1340.606	105.5787	106.9055	105.4798	104.8494	17.76279	22.25963	59.97757	45.69706	14.28051	28.29274	2
1984.295	1985.111	1340.611	109.1757	45.9127	109.5342	110.6219	25.66941	27.64445	46.68615	15.47873	31.20741	27.25491	2
1984.3	1985.115	1340.615	99.69502	53.49097	99.22531	96.35762	38.976	10.32845	50.69555	31.54761	19.14794	30.00119	2
1984.305	1985.12	1340.62	89.08951	76.57718	87.70511	86.60501	50.23508	2.381688	47.38323	19.13682	28.24641	30.54078	2
1984.31	1985.125	1340.625	87.14888	64.65975	87.93997	91.62346	38.04445	8.778665	53.17689	35.18002	17.99686	28.39902	2
1984.315	1985.129	1340.629	93.05731	142.2912	93.48993	96.49359	16.59997	16.50608	66.89395	37.51502	29.37894	27.81311	2
1984.32	1985.134	1340.634	91.85832	109.3501	92.03137	83.78676	27.68647	12.22058	60.09295	38.50586	21.5871	29.85243	2
1984.325	1985.138	1340.638	90.43683	41.11516	89.8806	88.1501	51.15905	3.683249	45.1577	23.96885	21.18885	31.27075	2
1984.33	1985.143	1340.643	90.35031	39.32755	89.99185	88.61981	50.13852	4.336922	45.52455	15.26138	30.26318	31.05319	2
1984.335	1985.148	1340.648	88.45912	23.07094	88.00177	88.01413	56.57888	1.995357	41.42576	12.98519	28.44057	32.01627	2
1984.34	1985.152	1340.652	86.74098	54.80494	86.23419	88.0883	50.86313	3.27334	45.86353	25.44415	20.41938	30.21621	2
1984.345	1985.157	1340.657	95.19572	33.72024	95.07211	95.45529	45.2176	7.855886	46.92651	16.67174	30.25478	30.17478	2
1984.35	1985.162	1340.662	99.12643	59.60247	99.52197	99.49725	31.31443	15.96076	52.72482	23.82976	28.89506	28.65537	2
1984.355	1985.166	1340.666	85.76448	46.95165	85.27005	82.87207	53.56621	2.422629	44.01116	30.63371	13.37746	31.47685	2
1984.36	1985.171	1340.671	94.16978	72.11578	94.16978	95.44293	35.91179	10.39572	53.69249	35.70387	17.98863	28.75738	2
1984.365	1985.176	1340.676	96.44415	51.35194	96.60484	95.60362	37.59887	11.54345	50.85768	25.43117	25.42651	29.43031	2
1984.37	1985.18	1340.68	85.76448	38.31915	85.33185	82.62485	55.17629	2.041825	42.78188	24.21303	18.56885	31.92708	2
1984.375	1985.185	1340.685	94.8867	80.99275	94.50351	93.94728	36.07366	9.486453	54.43989	35.99719	18.44269	29.09073	2
1984.38	1985.19	1340.69	100.1771	62.2457	100.5232	102.1424	30.09134	16.86839	53.04027	24.81643	28.22385	28.24672	2
1984.385	1985.194	1340.694	99.16351	128.3875	100.9311	106.2833	4.001018	30.10441	65.89458	65.89458	0	-9999	2
1984.39	1985.199	1340.699	93.14383	119.8314	94.39227	90.72113	15.63312	19.16876	65.19812	44.48771	20.71041	29.20663	2
1984.395	1985.204	1340.704	88.61981	63.11659	88.92883	87.06235	40.80067	7.71106	51.48827	29.17159	22.31668	29.68677	2
1984.4	1985.208	1340.708	87.44554	28.37267	87.74219	87.91525	50.38482	4.667258	44.94792	26.12673	18.82119	30.81864	2
1984.405	1985.213	1340.713	87.19832	33.55217	87.59387	88.34787	48.59246	5.246157	46.16139	16.85807	29.30332	30.38441	2
1984.41	1985.218	1340.718	86.17238	44.96541	85.91281	83.89801	51.85149	3.224398	44.92411	26.69613	18.22799	31.18312	2
1984.415	1985.222	1340.722	85.17116	47.07388	84.73854	81.90793	53.6035	2.414851	43.98165	28.34638	15.63527	31.52901	2
1984.42	1985.227	1340.727	82.22931	31.4437	81.8214	80.6595	59.90092	0.437662	39.66142	16.2356	23.42582	32.42829	2
1984.425	1985.232	1340.732	91.07959	66.44736	90.98071	91.24028	40.89288	7.646216	51.46091	36.77995	14.68096	29.34391	2
1984.43	1985.236	1340.736	92.41455	69.59479	91.68527	90.07837	43.78862	5.750279	50.4611	22.92728	27.53383	30.04063	2
1984.435	1985.241	1340.741	86.55556	93.0477	86.38251	88.36023	39.19248	6.926069	53.88145	26.33504	27.54642	28.41706	2
1984.44	1985.246	1340.746	92.92134	31.38259	93.14383	93.972	45.19346	7.897424	46.90912	20.32246	26.58666	30.05209	2
1984.445	1985.25	1340.75	95.97444	53.30762	95.83847	94.6024	39.85682	9.648802	50.49438	31.99404	18.50034	29.71732	2
1984.45	1985.255	1340.755	92.03137	71.94772	91.6111	90.52336	41.17685	7.110582	51.71257	32.76833	18.94424	29.6124	2
1984.455	1985.26	1340.76	80.95615	53.58264	79.69536	77.82889	62.3245	0	37.6755	14.05695	23.61855	31.72532	2
1984.46	1985.264	1340.764	80.21451	82.29144	78.90427	75.57924	56.44246	1.074918	42.48262	15.40401	27.07861	31.16477	2
1984.465	1985.269	1340.769	75.28258	51.26027	75.03536	72.47669	60.25096	0.235108	39.51393	14.26311	25.25082	31.97041	2
1984.47	1985.274	1340.774	73.03292	53.56736	70.90688	67.61892	76.32326	0	23.67674	16.08629	7.590443	31.09113	2
1984.475	1985.278	1340.778	75.76465	30.66449	74.77579	72.6621	70.53937	0	29.46063	11.15274	18.30788	31.10319	2
1984.48	1985.283	1340.783	74.92412	33.49106	73.97234	73.50263	70.34124	0	29.65876	14.92461	14.73415	30.79471	2
1984.485	1985.288	1340.788	76.87711	43.30003	76.32088	77.73	63.10526	0	36.89474	10.85351	26.04123	31.27624	2
1984.49	1985.292	1340.792	70.91924	29.33523	70.2394	68.15044	72.92393	0	27.07607	10.35952	16.71654	30.9029	2
1984.495	1985.297	1340.797	72.67446	55.11052	71.67324	69.79441	67.5622	0	32.4378	5.436657	27.00114	31.17693	2
1984.5	1985.302	1340.802	74.6151	35.9815	74.71398	75.07245	61.88022	0	38.11978	13.14955	24.97023	31.61264	2
1984.505	1985.306	1340.806	71.72269	20.48883	71.72269	71.61144	69.05683	0	30.94317	12.61359	18.32958	30.73058	2
1984.51	1985.311	1340.811	73.24306	33.62857	72.45197	73.0082	70.6092	0	29.3908	15.60685	13.78396	30.57001	2

1984.515	1985.315	1340.815	74.65218	34.49946	74.08359	74.21955	67.37773	0	32.62227	23.43011	9.192165	30.95363	2
1984.52	1985.32	1340.82	76.23435	40.12204	75.51743	74.00942	65.71101	0	34.28899	12.37493	21.91406	31.44248	2
1984.525	1985.325	1340.825	73.47791	44.01813	73.03292	74.88703	65.19658	0	34.80342	22.73189	12.07153	30.75202	2
1984.53	1985.329	1340.829	75.96242	57.52456	75.50507	75.023	59.73807	0.400226	39.8617	10.53108	29.33062	31.40477	2
1984.535	1985.334	1340.834	78.3604	138.3798	77.70528	74.09595	39.49769	5.989291	54.51302	33.64661	20.86641	28.25828	2
1984.54	1985.339	1340.839	69.84386	58.41073	69.07749	67.80434	67.54759	0	32.45241	6.238112	26.2143	31.0292	2
1984.545	1985.343	1340.843	72.92168	113.9949	74.269	71.94518	34.88357	6.821922	58.29451	26.22592	32.06859	28.13633	2
1984.55	1985.348	1340.848	78.79303	100.5343	78.73122	81.74724	43.6601	4.911359	51.42854	34.02908	17.39946	28.03842	2
1984.555	1985.353	1340.853	76.74114	102.5816	75.73992	77.24793	52.33284	2.504331	45.16283	29.41215	15.75068	29.0233	2
1984.56	1985.357	1340.857	77.69292	69.97676	77.17377	75.81409	55.61156	1.514338	42.87411	25.84876	17.02534	30.73846	2
1984.565	1985.362	1340.862	91.82124	65.51536	92.04373	91.11667	37.94542	9.463931	52.59064	22.89239	29.69826	29.31904	2
1984.57	1985.367	1340.867	91.77179	82.16921	91.66055	91.21556	36.54716	9.044976	54.40786	39.12849	15.27938	28.99445	2
1984.575	1985.371	1340.871	79.13913	68.99892	77.82889	77.27266	60.64861	0	39.35139	14.10037	25.25103	31.55951	2
1984.58	1985.376	1340.876	84.28119	52.00893	84.02161	84.13286	51.88685	2.960949	45.1522	22.89088	22.26132	30.60093	2
1984.585	1985.381	1340.881	73.81165	41.63464	74.14539	77.02544	59.43121	0.317597	40.25119	17.71081	22.54038	30.94357	2
1984.59	1985.385	1340.885	85.49254	58.31906	85.3813	84.33063	48.09581	4.336763	47.56743	27.0418	20.52562	30.26396	2
1984.595	1985.39	1340.89	88.16246	58.76214	88.42204	87.92761	42.65839	6.969236	50.37237	28.23387	22.1385	29.64275	2
1984.6	1985.395	1340.895	92.64941	51.91725	92.88426	93.11911	40.37845	9.156407	50.46514	25.82304	24.6421	29.44212	2
1984.605	1985.399	1340.899	85.5049	55.21747	85.19588	85.08464	50.36775	3.48675	46.1455	23.8012	22.3443	30.43699	2
1984.61	1985.404	1340.904	77.71764	64.95004	77.24793	76.6299	56.42209	1.288805	42.2891	24.12689	18.16221	30.8291	2
1984.615	1985.409	1340.909	78.27387	53.39929	78.69414	77.44571	51.80835	2.690995	45.50065	25.38087	20.11979	30.53336	2
1984.62	1985.413	1340.913	75.67812	67.60855	74.09595	72.35308	66.27671	0	33.72329	23.03894	10.68435	31.11572	2
1984.625	1985.418	1340.918	78.03902	51.0922	77.30974	76.46921	61.49173	0	38.50827	21.50588	17.00239	31.8652	2
1984.63	1985.423	1340.923	81.48766	50.06852	81.56183	80.93143	52.33999	2.755541	44.90447	27.76713	17.13734	30.69966	2
1984.635	1985.427	1340.927	91.52458	99.48006	91.30209	90.36267	33.44754	9.580268	56.9722	28.55633	28.41586	28.74994	2
1984.64	1985.432	1340.932	89.28729	91.749	88.91646	90.28851	38.52631	7.325788	54.1479	38.36711	15.7808	28.61758	2
1984.645	1985.437	1340.937	88.48384	75.53823	88.36023	88.06357	41.27257	6.80719	51.92024	19.88897	32.03127	29.29566	2
1984.65	1985.441	1340.941	80.63477	56.11891	80.26395	80.64714	55.1091	1.713373	43.17753	23.42674	19.75078	30.77635	2
1984.655	1985.446	1340.946	75.13425	62.59711	75.41855	76.25908	53.52469	2.010409	44.4649	18.58161	25.88329	30.03714	2
1984.66	1985.451	1340.951	72.34072	39.26643	71.93282	71.57436	67.10531	0	32.89469	21.23768	11.65701	30.9371	2
1984.665	1985.455	1340.955	72.78571	51.56584	71.83393	69.8315	67.93448	0	32.06552	12.42496	19.64056	31.17524	2
1984.67	1985.46	1340.96	77.80417	68.23498	77.69292	76.80295	52.76946	2.325124	44.90541	17.09814	27.80727	30.28333	2
1984.675	1985.465	1340.965	85.5049	71.82549	85.25769	86.4196	45.86964	4.808934	49.32143	28.11093	21.2105	29.40215	2
1984.68	1985.469	1340.969	83.53955	46.26411	83.35414	83.55191	53.38464	2.521348	44.09401	16.28206	27.81196	30.86243	2
1984.685	1985.474	1340.974	81.4753	50.34354	81.33934	80.90671	53.91334	2.203503	43.88316	25.15463	18.72853	30.8889	2
1984.69	1985.479	1340.979	82.00682	77.60086	81.27753	81.7596	51.42627	2.617952	45.95578	21.71579	24.23999	29.92096	2
1984.695	1985.483	1340.983	91.74707	64.27778	91.47514	92.45163	42.14498	7.105465	50.74956	21.54792	29.20164	29.38192	2
1984.7	1985.488	1340.988	107.1362	101.3288	105.9248	105.9248	26.30112	13.26936	60.42952	36.33443	24.09509	28.73798	2
1984.705	1985.492	1340.992	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1985	1985.767	1341.267	125.1087	25.88223	125.2817	121.1656	17.29537	61.44393	21.2607	2.81875	18.44195	22.95791	8
1985.005	1985.772	1341.272	124.812	33.52162	125.084	124.6019	14.9532	63.31811	21.72869	4.535931	17.19276	22.24092	8
1985.01	1985.778	1341.278	124.9109	112.8948	126.011	126.3695	0	89.30731	10.69269	10.69269	0	-9999	8
1985.015	1985.783	1341.283	124.194	89.10577	125.084	128.1247	0	79.49981	20.50019	20.50019	0	-9999	8
1985.02	1985.788	1341.288	120.0408	99.75508	120.3374	121.3139	3.122653	53.59781	43.27953	43.27953	0	-9999	8
1985.025	1985.793	1341.293	118.6811	190.8165	117.9271	120.7948	0	38.12961	61.87039	61.87039	0	-9999	8
1985.03	1985.798	1341.298	114.5897	167.9901	113.0941	111.0298	5.515156	20.53174	73.9531	73.9531	0	-9999	8
1985.035	1985.804	1341.304	111.9321	92.4671	112.0558	112.4884	13.68743	32.65563	53.65694	29.80174	23.8552	27.22258	8
1985.04	1985.809	1341.309	105.3686	196.8211	102.6369	97.27232	16.60103	6.217169	77.1818	49.46631	27.71549	30.26385	8
1985.045	1985.814	1341.314	105.0967	129.3348	102.4885	97.79147	32.22494	2.599921	65.17514	25.69635	39.47878	30.4058	8
1985.05	1985.819	1341.319	101.7222	175.8739	98.74325	90.96835	26.94087	3.056628	70.00251	35.37875	34.62376	30.32179	8
1985.055	1985.824	1341.324	104.2314	71.62686	103.6381	100.6097	31.37159	14.28668	54.34173	26.76746	27.57427	29.31735	8
1985.06	1985.829	1341.329	101.3884	79.8774	100.5232	100.0411	34.098	10.61653	55.28547	38.80176	16.48371	29.13248	8
1985.065	1985.835	1341.335	98.33534	75.52295	97.56898	97.17343	37.19426	9.045367	53.76037	37.49386	16.26651	29.31074	8
1985.07	1985.84	1341.34	113.9469	80.48855	113.23	111.0545	21.24673	24.16323	54.59004	29.81258	24.77747	28.13471	8
1985.075	1985.845	1341.345	115.9247	112.7115	115.8505	114.1818	6.647909	38.63498	54.71711	54.71711	0	-9999	8
1985.08	1985.85	1341.35	107.9149	68.78501	107.0744	105.0719	30.58642	15.21048	54.2031	27.66614	26.53696	29.07424	8
1985.085	1985.855	1341.355	113.9593	76.66886	112.4142	113.2671	28.57803	13.20678	58.21519	32.73685	25.47834	28.73739	8
1985.09	1985.86	1341.36	117.9024	76.89804	116.3202	117.1855	25.18233	16.14424	58.67343	27.05745	31.61597	28.34205	8
1985.095	1985.866	1341.366	106.3575	90.80172	105.7518	103.6134	24.87111	17.42605	57.70283	42.84338	14.85946	28.78222	8
1985.1	1985.871	1341.371	100.8075	154.56	100.721	99.29948	10.52416	20.67282	68.80303	53.75533	15.04769	28.99867	2
1985.105	1985.876	1341.376	90.42447	88.41823	88.66925	86.18474	49.01526	2.093872	48.89087	25.2524	23.63847	30.58037	2
1985.11	1985.881	1341.381	86.79042	58.0746	86.5432	87.76692	48.01468	4.409232	47.57609	26.60158	20.97451	29.89119	2
1985.115	1985.886	1341.386	87.74219	69.31977	87.29721	86.22182	45.95044	4.864641	49.18492	21.06266	28.12226	29.96282	2
1985.12	1985.892	1341.392	86.67917	40.30539	86.74098	87.71747	50.02228	4.239194	45.73853	23.92251	21.81602	30.43676	2
1985.125	1985.897	1341.397	88.29843	30.63393	88.42204	89.10188	50.39408	4.624699	44.98122	24.92562	20.0556	30.72087	2
1985.13	1985.902	1341.402	92.31567	55.64527	92.04373	92.37747	43.71094	6.833258	49.45581	21.33508	28.12072	29.76663	2
1985.135	1985.907	1341.407	82.25403	49.19763	81.83377	81.56183	55.67752	1.609901	42.71258	18.69354	24.01904	31.19716	2
1985.14	1985.912	1341.412	81.4753	67.82245	81.61127	82.66193	47.57593	4.116992	48.30707	19.11695	29.19012	29.48103	2
1985.145	1985.917	1341.417	85.75212	55.78278	85.91281	86.50612	46.36328	5.185011	48.45171	19.22599	29.22572	29.7928	2
1985.15	1985.923	1341.423	90.15254	44.62928	90.32559	90.65933	44.91824	6.802252	48.27951	15.71353	32.56597	29.93873	2
1985.155	1985.928	1341.428	93.26744	33.07853	92.37747	91.2032	53.08624	2.929073	43.98469	22.06392	21.92077	31.71743	8
1985.16	1985.933	1341.433	92.76065	33.04797	92.51344	91.35153	48.5785	5.672913	45.74858	14.83144	30.91714	30.90503	8
1985.165	1985.938	1341.438	92.14262	36.62321	92.35275	92.51344	44.73745	7.667504	47.59504	29.42715	18.16789	30.05907	8

1985.17	1985.943	1341.443	94.16978	85.25552	94.52824	96.18457	29.9539	13.12352	56.92258	23.86295	33.05963	28.25381	8
1985.175	1985.948	1341.448	91.66055	46.00437	91.2032	90.33795	48.08368	5.008168	46.90815	26.79183	20.11632	30.63363	8
1985.18	1985.954	1341.454	83.00803	67.08907	82.05626	79.96729	54.77332	1.563177	43.6635	13.80067	29.86284	31.12919	8
1985.185	1985.959	1341.459	77.70528	54.19379	76.44449	74.24428	65.1674	0	34.8326	6.045163	28.78743	31.40135	8
1985.19	1985.964	1341.464	96.62956	52.28394	96.24638	95.69015	41.41776	8.643013	49.93923	35.80272	14.13651	29.79985	8
1985.195	1985.969	1341.469	99.29948	46.17244	98.26118	96.09805	45.51759	5.944453	48.53796	18.47983	30.05813	30.83409	8
1985.2	1985.974	1341.474	94.47879	55.81334	94.70129	95.65306	37.84836	10.6624	51.48924	24.54636	26.94288	29.05649	8
1985.205	1985.98	1341.48	85.27005	67.86829	84.87451	81.99445	48.19289	3.972814	47.8343	24.78913	23.04517	30.46103	8
1985.21	1985.985	1341.485	87.48262	143.269	84.98575	83.99689	44.19562	2.80241	53.00197	28.91744	24.08454	28.74423	8
1985.215	1985.99	1341.49	97.33412	72.20746	97.11163	97.22288	34.70272	11.40171	53.89557	35.70855	18.18702	28.93075	8
1985.22	1985.995	1341.495	83.8362	77.58558	83.31705	81.78432	48.1184	3.750573	48.13103	18.596	29.53503	29.97803	8
1985.225	1986	1341.5	83.7126	70.81709	84.26883	85.5049	41.53587	6.501649	51.96248	25.0183	26.94418	28.92359	8
1985.23	1986.005	1341.505	92.22914	41.8791	92.22914	92.56288	45.01445	7.10378	47.88177	34.2853	13.59647	30.02892	8
1985.235	1986.011	1341.511	89.65811	78.6551	88.64453	87.74219	46.33525	4.090837	49.57391	18.57141	31.0025	29.97526	8
1985.24	1986.016	1341.516	91.00543	68.12803	90.82002	90.65933	41.22496	7.345077	51.42996	31.22904	20.20092	29.43076	8
1985.245	1986.021	1341.521	89.23784	101.0385	89.8188	91.27736	28.94747	11.73607	59.31646	31.24129	28.07517	28.08946	8
1985.25	1986.026	1341.526	80.86963	67.85301	81.26517	83.65079	46.11405	4.582681	49.30327	17.72694	31.57632	29.05462	8
1985.255	1986.031	1341.531	92.95842	30.54226	92.74829	92.81009	48.71555	5.793108	45.49134	18.3083	27.18304	30.72327	8
1985.26	1986.036	1341.536	89.55922	45.20987	88.82994	88.37259	52.31667	2.899904	44.78343	32.19694	12.58648	31.13228	8
1985.265	1986.042	1341.542	87.39609	37.32603	86.85222	86.98819	54.7777	2.214691	43.00761	29.57	13.4376	31.42341	8
1985.27	1986.047	1341.547	84.35535	53.58264	83.47774	82.41472	56.22757	1.223092	42.54934	18.4233	24.12604	31.4894	8
1985.275	1986.052	1341.552	88.71869	58.54824	88.36023	87.54442	46.9882	4.875789	48.13601	16.93329	31.20271	30.21597	8
1985.28	1986.057	1341.557	88.23662	73.65894	88.10066	86.62973	42.05059	6.514615	51.43479	23.72155	27.71324	29.59047	8
1985.285	1986.062	1341.562	90.80766	45.82102	90.63461	90.67169	46.70941	5.786313	47.50428	31.56098	15.9433	30.23614	8
1985.29	1986.068	1341.568	89.5345	45.89742	89.5345	89.90532	46.52108	5.82751	47.65141	21.2938	26.35761	30.10396	8
1985.295	1986.073	1341.573	87.40846	72.32969	87.91525	89.55922	38.15281	8.392622	53.45456	31.91731	21.53726	28.68959	8
1985.3	1986.078	1341.578	78.48401	96.82155	77.77945	73.50263	49.82425	3.101906	47.07384	18.51871	28.55513	30.01553	8
1985.305	1986.083	1341.583	92.35275	96.43958	92.26622	93.99672	32.36766	10.46146	57.17088	32.98654	24.18433	28.24948	8
1985.31	1986.088	1341.588	87.71747	231.1219	85.3813	74.51621	21.4738	9.270764	69.25544	42.36808	26.88736	28.87958	8
1985.315	1986.093	1341.593	83.37886	90.86283	81.33934	79.08968	57.10893	0.266659	42.62441	25.10367	17.52074	31.17185	8
1985.32	1986.099	1341.599	93.53938	122.5816	93.65062	93.24272	23.41688	13.93257	62.65055	47.37982	15.27073	28.33565	8
1985.325	1986.104	1341.604	93.60118	86.14169	93.20564	92.15498	36.10608	9.025783	54.86813	20.59994	34.26819	29.10394	8
1985.33	1986.109	1341.609	85.23297	95.4923	83.73732	80.44936	50.06781	2.407264	47.52493	27.76372	19.7612	30.35936	8
1985.335	1986.114	1341.614	88.74341	39.66368	88.4962	87.02527	50.67336	4.037288	45.28935	14.88728	30.40207	31.07448	8
1985.34	1986.119	1341.619	87.8658	34.16332	87.91525	87.61859	50.51275	4.360415	45.12683	19.12976	25.99707	30.86179	8
1985.345	1986.124	1341.624	87.47026	80.8094	87.40846	87.76692	40.45046	6.907222	52.64231	37.56779	15.07453	28.99614	8
1985.35	1986.13	1341.63	81.80904	104.1248	83.11928	82.43944	29.38314	10.03471	60.58215	34.17236	26.40979	28.30936	8
1985.355	1986.135	1341.635	88.53328	94.85059	88.31079	89.2502	37.31986	7.758391	54.92175	27.1396	27.78215	28.54166	8
1985.36	1986.14	1341.64	85.64087	53.39929	86.0735	87.65567	44.93492	5.888924	49.17615	18.80915	30.36701	29.47843	8
1985.365	1986.145	1341.645	86.37015	60.87061	86.1971	86.02405	47.14991	4.674339	48.17575	21.68375	26.492	29.98216	8
1985.37	1986.15	1341.65	86.01169	64.10971	85.65323	84.1823	48.13277	4.121528	47.7457	27.74273	20.00298	30.28286	8
1985.375	1986.156	1341.656	86.56793	46.75303	86.71625	87.56914	47.89373	4.924327	47.18195	21.94337	25.23857	30.07966	8
1985.38	1986.161	1341.661	83.37886	48.83094	83.66315	82.63721	49.27106	4.03265	46.69629	19.62703	27.06926	30.45402	8
1985.385	1986.166	1341.666	82.53833	64.06387	82.41472	82.64957	49.51924	3.536062	46.9447	23.28437	23.66033	29.97118	8
1985.39	1986.171	1341.671	68.12571	44.79735	68.2246	70.2394	65.71702	0	34.28298	8.434272	25.84871	30.27107	2
1985.395	1986.176	1341.676	65.12206	51.96309	66.34577	67.26046	58.02887	0.176172	41.79496	12.16507	29.62989	30.37331	2
1985.4	1986.181	1341.681	64.73887	22.93343	65.18386	65.71537	71.4417	0	28.5583	13.17335	15.38495	29.84635	2
1985.405	1986.187	1341.687	60.48678	22.35284	60.20249	60.09124	81.14607	0	18.85393	5.559361	13.29456	30.34546	2
1985.41	1986.192	1341.692	59.44848	47.92949	58.29893	57.8045	82.61746	0	17.38254	14.22221	3.160336	31.30332	2
1985.415	1986.197	1341.697	60.15304	67.10435	58.97877	56.56843	77.52054	0	22.47946	16.14971	6.329751	31.5404	2
1985.42	1986.202	1341.702	62.89712	75.3396	62.20492	61.16662	69.26702	0	30.73298	12.22438	18.5086	30.96297	2
1985.425	1986.207	1341.707	81.77196	84.2624	82.52597	82.97095	38.53476	7.069811	54.39543	20.52423	33.8712	28.60352	2
1985.43	1986.212	1341.712	87.81636	95.4923	87.55678	84.55313	38.11152	7.336548	54.55193	29.12597	25.42596	29.28108	2
1985.435	1986.218	1341.718	71.61144	54.69799	71.07993	69.78205	64.99978	0	35.00022	9.509061	25.49116	31.23401	2
1985.44	1986.223	1341.723	70.91924	70.34345	70.68439	70.05399	59.5513	0.60671	39.84199	28.02384	11.81815	30.79304	2
1985.445	1986.228	1341.728	68.48418	37.00518	68.5707	67.65601	67.36874	0	32.63126	23.49601	9.135251	30.71119	2
1985.45	1986.233	1341.733	74.6769	47.02805	74.66454	74.46677	60.01226	0.255103	39.73264	12.29221	27.44043	31.53782	2
1985.455	1986.238	1341.738	74.83759	50.72551	74.34316	71.79685	62.70567	0	37.29433	22.38845	14.90588	31.88246	2
1985.46	1986.244	1341.744	72.46433	134.3156	70.5237	65.44344	55.86835	2.456366	41.67529	31.05707	10.61822	29.67674	2
1985.465	1986.249	1341.749	85.41838	90.75588	85.57907	85.91281	38.20683	7.389813	54.40336	20.22674	34.17662	28.63388	2
1985.47	1986.254	1341.754	88.74341	112.4823	88.68161	89.02771	31.61432	9.666438	58.71924	28.48495	30.23429	28.20987	2
1985.475	1986.259	1341.759	82.7361	60.19835	82.35292	80.90671	52.28446	2.610314	45.10523	29.37524	15.73	30.72745	2
1985.48	1986.264	1341.764	82.98331	55.29386	83.27997	84.63965	47.97514	4.334296	47.69056	33.22481	14.46576	29.73687	2
1985.485	1986.269	1341.769	80.48645	76.68414	80.95615	81.90793	43.75467	5.221519	51.02381	34.0746	16.94921	28.93508	2
1985.49	1986.275	1341.775	69.36179	77.50919	69.27526	68.08863	58.1005	1.017957	40.88154	29.11074	11.7708	30.39643	2
1985.495	1986.28	1341.78	75.61632	107.2264	74.84995	75.15897	50.42353	3.074343	46.50212	28.30226	18.19987	28.83359	2
1985.5	1986.285	1341.785	74.18247	78.50231	73.89818	73.66332	54.95787	1.749829	43.2923	21.29969	21.99261	30.03268	2
1985.505	1986.29	1341.79	79.23801	76.30217	79.64592	81.04268	45.47465	4.556485	49.96887	17.22509	32.74378	28.95381	2
1985.51	1986.295	1341.795	66.95144	80.36632	65.54232	62.79824	69.87673	0	30.12327	16.26989	13.85338	31.48229	2
1985.515	1986.3	1341.8	69.91802	81.06914	68.52126	65.69065	66.8816	0	33.1184	23.27561	9.842788	31.51042	2
1985.52	1986.306	1341.806	75.35674	69.04475	74.82523	72.30364	58.08218	0.899333	41.01849	20.98952	20.02897	31.20877	2
1985.525	1986.311	1341.811	77.53223	18.09006	77.30974	77.22321	66.01687	0	33.98313	20.04174	13.94138	31.56663	2
1985.53	1986.316	1341.816	81.45058	36.16484	81.1292	79.28745	58.80426	0.744109	40.45163	23.6003	16.85133	32.21171	2

1985.535	1986.321	1341.821	87.70511	63.1777	86.98819	85.19588	49.57844	3.461783	46.95978	20.40113	26.55864	30.63715	2
1985.54	1986.326	1341.826	85.05992	65.04171	84.56549	84.45424	49.83661	3.392634	46.77076	19.67936	27.0914	30.18986	2
1985.545	1986.332	1341.832	81.98209	59.12883	81.01796	79.43578	57.73936	0.741505	41.51914	17.21194	24.3072	31.60144	2
1985.55	1986.337	1341.837	88.75577	58.48712	88.27371	87.54442	47.92683	4.418288	47.65488	17.88568	29.7692	30.32423	2
1985.555	1986.342	1341.842	87.65567	56.74534	87.44554	85.94989	47.25294	4.829552	47.91751	24.43721	23.4803	30.34684	2
1985.56	1986.347	1341.847	86.8275	89.19745	86.86458	87.35901	38.24553	7.522887	54.23158	38.71191	15.51967	28.68017	2
1985.565	1986.352	1341.852	88.4962	98.45638	87.87816	85.39366	39.54684	6.500025	53.95314	36.64659	17.30655	29.28334	2
1985.57	1986.357	1341.857	90.37503	95.30895	89.71991	90.65933	38.86738	6.909954	54.22267	28.83784	25.38483	28.73142	2
1985.575	1986.363	1341.863	96.24638	50.05324	95.99916	94.50351	41.25636	8.999317	49.74432	29.63322	20.1111	29.94167	2
1985.58	1986.368	1341.868	91.8336	136.5311	91.38861	87.76692	25.92122	11.2595	62.81928	30.8299	31.98938	28.76853	2
1985.585	1986.373	1341.873	83.97217	117.7382	83.63843	80.35048	36.83944	7.060087	56.10047	35.02728	21.07319	28.76912	2
1985.59	1986.378	1341.878	87.13652	74.4076	85.97461	84.25647	50.83256	2.497817	46.66963	23.17286	23.49676	30.6203	2
1985.595	1986.383	1341.883	93.81131	86.30976	94.13269	93.48993	30.31594	12.73312	56.95093	25.30654	31.64439	28.68186	2
1985.6	1986.388	1341.888	87.8658	151.5654	88.71869	84.42952	15.87474	15.33701	68.78825	54.55997	14.22828	29.06433	2
1985.605	1986.394	1341.894	83.61371	109.014	82.78554	78.22443	43.11231	4.902872	51.98482	33.97988	18.00494	29.51336	2
1985.61	1986.399	1341.899	78.23679	35.40091	77.74236	76.74114	63.28696	0	36.71304	19.10611	17.60693	31.88467	2
1985.615	1986.404	1341.904	76.18491	33.85775	75.20841	73.97234	69.28416	0	30.71584	7.267822	23.44801	31.01823	2
1985.62	1986.409	1341.909	82.81026	48.76983	83.35414	83.94745	47.79725	4.54796	47.65479	16.81401	30.84078	29.95308	2
1985.625	1986.414	1341.914	82.93387	116.7298	84.66437	80.35048	22.04084	12.83826	65.1209	34.01556	31.10534	29.04355	2
1985.63	1986.42	1341.92	76.16019	86.90563	75.61632	69.44831	53.11647	2.253805	44.62972	31.09197	13.53775	30.81983	2
1985.635	1986.425	1341.925	79.31218	43.40698	79.08968	77.75472	58.25263	0.830016	40.91735	16.15273	24.76462	31.76864	2
1985.64	1986.43	1341.93	73.97234	52.23811	73.5768	74.60274	62.36929	0	37.63071	22.25621	15.3745	31.21228	2
1985.645	1986.435	1341.935	74.41733	79.99963	72.51377	70.26412	66.92868	0	33.07132	19.83576	13.23555	31.16048	2
1985.65	1986.44	1341.94	78.73122	83.88044	78.18735	76.51865	51.48322	2.651506	45.86527	28.01014	17.85514	29.99895	2
1985.655	1986.445	1341.945	74.05887	119.9383	71.69797	69.32471	61.13774	0.898498	37.96376	21.11164	16.85212	30.4863	2
1985.66	1986.451	1341.951	75.3691	38.44138	75.023	74.52857	64.03989	0	35.96011	8.375268	27.58484	31.4715	2
1985.665	1986.456	1341.956	83.05748	48.52537	82.39	81.51239	57.01695	1.119808	41.86324	30.63738	11.22586	31.59136	2
1985.67	1986.461	1341.961	89.96713	98.79251	88.70633	85.76448	43.09361	4.592307	52.31408	28.71923	23.59485	29.77374	2
1985.675	1986.466	1341.966	92.67413	95.53814	92.1797	91.69763	35.4514	8.695484	55.85311	28.19667	27.65645	28.84978	2
1985.68	1986.471	1341.971	96.60484	66.34041	96.79025	97.29704	33.63223	12.82822	53.53955	29.41627	24.12328	28.75356	2
1985.685	1986.476	1341.976	105.0101	65.7751	104.355	103.156	32.55027	14.06035	53.38938	35.32451	18.06487	29.06584	2
1985.69	1986.482	1341.982	105.7271	44.87374	105.8259	108.0756	31.1053	20.03798	48.85672	30.95862	17.89811	27.91894	2
1985.695	1986.487	1341.987	108.4959	38.56361	108.4588	108.6813	31.1388	21.90675	46.95445	27.89554	19.05891	28.08621	2
1985.7	1986.492	1341.992	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1986	1986.803	1342.303	126.9134	72.16162	126.7527	130.3496	7.021947	62.22568	30.75238	29.72988	1.022494	-9999	-9999
1986.005	1986.808	1342.308	121.351	133.0933	120.4116	123.131	3.42894	35.46086	61.1102	55.92118	5.189017	-9999	-9999
1986.01	1986.813	1342.313	109.5712	62.79574	109.6701	107.3958	23.23152	26.54773	50.22075	38.13885	12.0819	27.96702	-9999
1986.015	1986.818	1342.318	106.7901	57.05092	106.926	106.9755	26.89305	22.58198	50.52497	27.065	23.45997	27.97069	-9999
1986.02	1986.823	1342.323	119.7318	77.50919	121.4375	121.6971	0	78.32794	21.67206	21.67206	0	-9999	-9999
1986.025	1986.828	1342.328	126.1593	81.97059	127.7415	129.8428	0	100	0	0	0	-9999	-9999
1986.03	1986.834	1342.334	110.0162	92.49766	109.6454	108.6442	19.2745	23.99043	56.73506	26.39584	30.33923	28.07916	-9999
1986.035	1986.839	1342.339	110.0533	66.37097	109.3735	108.0509	27.95794	18.88489	53.15717	34.38029	18.77689	28.53504	-9999
1986.04	1986.844	1342.344	103.0695	53.12428	103.0695	101.7716	32.31998	16.69576	50.98425	29.80824	21.17602	28.88674	-9999
1986.045	1986.849	1342.349	100.6097	52.95621	100.3996	101.6604	36.25218	12.7734	50.97442	24.75754	26.21688	28.88689	-9999
1986.05	1986.854	1342.354	115.5291	91.65733	115.01	115.01	15.55556	29.9571	54.48734	32.99453	21.49282	27.30245	-9999
1986.055	1986.86	1342.36	120.7206	97.96746	120.9184	121.1656	3.696168	53.45226	42.85157	42.85157	0	-9999	-9999
1986.06	1986.865	1342.365	127.8528	55.18691	128.1989	128.5079	6.337943	78.18506	15.477	15.477	0	-9999	8
1986.065	1986.87	1342.37	118.4957	94.95754	119.2126	118.3597	2.448087	56.59876	40.95315	40.95315	0	-9999	8
1986.07	1986.875	1342.375	110.8568	57.14259	111.1658	111.0669	21.78838	30.66688	47.54474	25.53092	22.01381	27.13078	8
1986.075	1986.88	1342.38	116.0483	117.9368	115.4055	112.9952	9.676259	30.74171	59.58203	41.0829	18.49914	28.17709	8
1986.08	1986.885	1342.385	109.9544	78.01339	108.9903	105.7271	27.43475	16.50273	56.06252	27.10672	28.95581	29.11063	8
1986.085	1986.891	1342.391	123.0197	88.81548	122.5624	120.6588	8.87295	45.49761	45.62944	43.87319	1.756254	25.79616	8
1986.09	1986.896	1342.396	123.0444	71.32129	123.1062	121.0049	9.060382	55.45959	35.48003	18.15628	17.32375	24.45055	8
1986.095	1986.901	1342.401	118.335	116.5923	117.9642	116.246	5.790335	38.89686	55.31281	55.31281	0	-9999	8
1986.1	1986.906	1342.406	121.9443	100.3815	121.1903	119.3486	9.36242	37.91795	52.71963	49.43159	3.288038	26.84254	8
1986.105	1986.911	1342.411	109.9421	150.8931	109.2128	105.2326	7.989109	23.93132	68.07958	49.9274	18.15218	-9999	8
1986.11	1986.916	1342.416	119.3239	97.08129	118.7058	117.4079	11.51816	35.24041	53.24143	30.69004	22.5514	27.04474	8
1986.115	1986.922	1342.422	121.9443	99.06753	122.995	124.8738	0	74.94564	25.05436	25.05436	0	-9999	8
1986.12	1986.927	1342.427	120.2138	52.23811	120.906	122.2163	11.39709	58.45577	30.14713	23.12958	7.017553	23.47809	8
1986.125	1986.932	1342.432	115.0223	81.75669	115.1212	113.6503	13.62797	37.32385	49.04817	33.75157	15.2966	26.88556	8
1986.13	1986.937	1342.437	99.22531	88.41823	97.60606	95.76431	39.86473	5.193373	54.9419	35.94037	19.00153	29.95168	2
1986.135	1986.942	1342.442	90.59752	26.86007	90.38739	89.02771	51.77867	4.238328	43.983	27.76583	16.21718	31.43209	2
1986.14	1986.948	1342.448	94.44171	31.42843	94.12033	93.74951	47.99863	6.189684	45.81168	25.73328	20.0784	30.72275	2
1986.145	1986.953	1342.453	91.59874	35.38563	90.95598	89.68283	52.14721	3.453527	44.39926	27.45665	16.94261	31.44851	2
1986.15	1986.958	1342.458	91.33917	38.30387	90.42447	90.47392	53.78731	2.378095	43.8346	22.01536	21.81924	31.46071	2
1986.155	1986.963	1342.463	87.43318	31.41315	86.5432	84.73854	58.85678	0.616352	40.52686	12.99316	27.5337	32.62791	2
1986.16	1986.968	1342.468	87.804	30.92423	87.06235	85.75212	57.4844	1.232102	41.2835	13.05193	28.23157	32.29066	2
1986.165	1986.973	1342.473	86.96347	28.20461	86.08586	85.52962	59.96959	0.290974	39.73944	28.35867	11.38077	32.64078	2
1986.17	1986.979	1342.479	97.13635	38.44138	96.80261	95.9868	43.91823	8.331881	47.74989	34.62421	13.12568	30.22428	2
1986.175	1986.984	1342.484	100.6344	54.62159	100.3131	97.77911	36.68858	12.13515	51.17627	23.53879	27.63748	29.65028	2
1986.18	1986.989	1342.489	104.2438	43.14724	103.7493	103.8853	37.48593	13.18561	49.32846	18.75131	30.57716	29.23519	2
1986.185	1986.994	1342.494	105.2203	52.23811	104.6022	103.0571	35.34551	13.65039	51.0041	27.69377	23.31033	29.34525	2
1986.19	1986.999	1342.499	91.64819	51.65751	90.72113	90.11546	50.36723	3.34784	46.28493	30.95898	15.32596	30.88456	2

1986.195	1987.004	1342.504	83.37886	19.46515	82.94623	81.40114	61.93373	0	38.06627	26.24755	11.81871	33.06253	2
1986.2	1987.01	1342.51	89.73227	33.56745	89.78172	88.52092	48.9398	5.303683	45.75651	18.96584	26.79067	30.86509	2
1986.205	1987.015	1342.515	98.82977	46.87526	98.78033	99.6703	38.11598	11.92417	49.95985	24.25642	25.70343	29.14382	2
1986.21	1987.02	1342.52	102.8841	57.63151	102.4391	102.4885	34.84845	13.34233	51.80921	20.85296	30.95626	28.997	2
1986.215	1987.025	1342.525	104.7876	52.05476	104.1572	102.4267	35.88369	13.14648	50.96983	33.54933	17.4205	29.44978	2
1986.22	1987.03	1342.53	98.47131	115.1408	97.39593	96.03625	29.87655	9.938634	60.18482	28.49042	31.6944	28.87433	2
1986.225	1987.036	1342.536	84.1823	28.87687	83.70024	82.98331	59.30011	0.688145	40.01175	24.73677	15.27498	32.36235	2
1986.23	1987.041	1342.541	85.04756	28.31156	84.70145	84.23175	57.58713	1.377508	41.03536	15.12939	25.90597	32.04152	2
1986.235	1987.046	1342.546	89.29965	48.60176	89.27493	87.71747	46.27429	5.786229	47.93948	24.91186	23.02762	30.38354	2
1986.24	1987.051	1342.551	88.95355	25.57666	88.68161	87.65567	54.08069	3.089588	42.82972	15.51162	27.3181	31.71938	2
1986.245	1987.056	1342.556	86.60501	23.74321	86.08586	85.46782	58.60096	1.08335	40.31569	19.6759	20.63979	32.41078	2
1986.25	1987.061	1342.561	89.93004	51.06164	88.63217	85.61615	54.96599	1.21628	43.81773	14.19699	29.62075	32.02292	2
1986.255	1987.067	1342.567	97.66786	48.47953	96.69136	95.07211	45.98138	5.608184	48.41044	16.56701	31.84343	30.71317	8
1986.26	1987.072	1342.572	102.9953	23.95711	102.711	101.8705	41.64997	12.41518	45.93485	15.51859	30.41626	29.89963	8
1986.265	1987.077	1342.577	109.8185	24.90439	109.769	110.214	33.32334	22.71411	43.96256	29.5864	14.37616	28.03756	8
1986.27	1987.082	1342.582	110.8691	117.6312	110.5107	110.6837	12.31172	26.95103	60.73724	41.97841	18.75883	28.00653	8
1986.275	1987.087	1342.587	100.2142	86.24864	99.6085	98.60728	31.62478	12.01526	56.35997	26.66485	29.69512	28.95769	8
1986.28	1987.092	1342.592	95.8632	62.19986	95.20808	92.10553	41.83066	7.351592	50.81774	20.22546	30.59229	30.26149	8
1986.285	1987.098	1342.598	99.96696	48.25035	99.53433	94.86198	39.70666	10.42276	49.87058	23.33287	26.53771	30.40669	8
1986.29	1987.103	1342.603	101.1659	56.45505	101.1659	100.7828	33.26521	15.00405	51.73074	25.51538	26.21537	28.86217	8
1986.295	1987.108	1342.608	87.95233	75.55351	86.80278	85.87572	49.70891	2.846636	47.44446	33.38703	14.05742	30.34662	8
1986.3	1987.113	1342.613	94.65184	72.81861	93.9102	92.5258	41.04594	6.97725	51.97681	23.9928	27.98401	29.74982	8
1986.305	1987.118	1342.618	95.69015	47.62392	95.51709	94.55296	41.78122	8.864766	49.35402	32.3267	17.02732	29.89599	8
1986.31	1987.124	1342.624	94.75073	34.4689	94.67657	94.6024	45.06263	7.8654	47.07197	19.279	27.79297	30.20553	8
1986.315	1987.129	1342.629	88.89174	45.79047	89.29965	88.82994	43.97705	7.091844	48.93111	25.14488	23.78623	29.92234	2
1986.32	1987.134	1342.634	78.84247	56.11891	76.59282	74.55329	71.31896	0	28.68104	14.02824	14.6528	30.34751	2
1986.325	1987.139	1342.639	82.17987	43.22363	83.06984	83.144	47.03712	4.888933	48.07395	28.75966	19.31429	30.02471	2
1986.33	1987.144	1342.644	79.10204	21.06942	78.91663	78.68178	63.56426	0	36.43574	17.36728	19.06847	32.09426	2
1986.335	1987.149	1342.649	73.51499	18.09006	73.15653	72.74863	70.76649	0	29.23351	21.99865	7.234864	30.79941	2
1986.34	1987.155	1342.655	78.31096	52.17699	77.80417	76.01186	59.25471	0.49096	40.25433	13.78383	26.47049	31.79775	2
1986.345	1987.16	1342.66	81.89557	32.62017	81.38878	79.34926	60.68962	0.146275	39.16411	18.52027	20.64384	32.68938	2
1986.35	1987.165	1342.665	88.63217	40.1526	88.47148	88.59509	49.98682	4.348855	45.66433	21.57721	24.08712	30.65579	8
1986.355	1987.17	1342.67	92.43927	53.33818	91.21556	88.80522	51.5318	2.466209	46.00199	32.259	13.74299	31.4481	8
1986.36	1987.175	1342.675	86.30835	64.43056	84.49132	82.76082	59.08608	0	40.91392	18.69406	22.21986	31.43832	8
1986.365	1987.18	1342.68	86.71625	37.67744	86.03641	84.78798	56.37187	1.518869	42.10926	26.88675	15.22251	31.91508	8
1986.37	1987.186	1342.686	91.46277	52.5284	91.53694	92.32803	42.5676	7.691371	49.74103	31.5929	18.14813	29.53191	8
1986.375	1987.191	1342.691	93.19328	55.61471	92.31567	90.74585	47.60492	4.475401	47.91968	24.90315	23.01653	30.68392	8
1986.38	1987.196	1342.696	87.07472	59.75526	86.28363	85.67795	51.56141	2.752508	45.68608	22.92607	22.76001	30.70976	8
1986.385	1987.201	1342.701	92.25386	49.56432	92.16734	91.72235	43.80245	7.238432	48.95912	25.6975	23.26162	29.95185	8
1986.39	1987.206	1342.706	91.04251	78.82316	90.46156	89.48506	41.66808	6.397839	51.93408	29.84173	22.09235	29.52231	8
1986.395	1987.212	1342.712	89.1884	77.93699	89.4727	90.63461	36.88262	8.942101	54.17528	36.26479	17.91049	28.66784	8
1986.4	1987.217	1342.717	91.72235	42.1694	91.68527	91.74707	45.69783	6.649352	47.65282	31.52401	16.12881	30.1438	8
1986.405	1987.222	1342.722	93.60118	83.05538	93.40341	91.49986	35.32024	9.781421	54.89834	28.33538	26.56295	29.20976	8
1986.41	1987.227	1342.727	73.49027	74.05619	72.10587	70.36301	65.19647	0	34.80353	8.476902	26.32663	31.29225	2
1986.415	1987.232	1342.732	68.54598	63.83469	66.97617	64.52874	73.65575	0	26.34425	9.387082	16.95716	31.22829	2
1986.42	1987.237	1342.737	72.20476	79.81628	70.9316	68.95388	64.12304	0	35.87696	7.595432	28.28153	31.46709	2
1986.425	1987.243	1342.743	80.6595	41.39018	80.67186	80.22687	55.68104	1.710142	42.60881	19.43246	23.17635	31.2697	2
1986.43	1987.248	1342.748	87.03763	39.29699	86.95111	85.51726	51.08608	3.815103	45.09882	15.81304	29.28578	31.05408	2
1986.435	1987.253	1342.753	78.45929	51.52001	78.65706	79.00316	53.81689	2.105864	44.07725	21.50316	22.57409	30.54315	2
1986.44	1987.258	1342.758	66.29633	39.77063	66.60534	67.43351	66.988	0	33.012	6.159674	26.85233	30.19419	2
1986.445	1987.263	1342.763	70.98104	47.80726	70.18996	69.47303	69.259	0	30.741	16.87011	13.87089	30.81277	2
1986.45	1987.268	1342.768	70.1776	94.23944	68.9168	67.32227	62.40183	0.563465	37.03471	21.39218	15.64253	30.84746	4
1986.455	1987.274	1342.774	66.11092	66.06539	64.81304	63.57697	73.24868	0	26.75132	14.96595	11.78537	31.04759	4
1986.46	1987.279	1342.779	73.02056	76.21049	72.69918	70.80799	56.86883	1.279352	41.85182	18.53572	23.3161	30.58813	4
1986.465	1987.284	1342.784	81.94501	93.13937	83.67551	84.91159	28.65947	10.62076	60.71977	26.65515	34.06462	28.12936	4
1986.47	1987.289	1342.789	89.28729	119.5564	90.36267	93.00787	20.58883	15.07275	64.33841	47.86633	16.47208	27.81338	4
1986.475	1987.294	1342.794	90.8571	168.3109	90.93126	89.10188	15.10546	15.14439	69.75016	39.18632	30.56384	28.56066	4
1986.48	1987.3	1342.8	85.05992	120.7939	84.34299	80.10326	38.06889	6.459231	55.47188	32.73272	22.73916	29.00907	4
1986.485	1987.305	1342.805	78.23679	78.71621	77.34682	78.00194	55.87012	1.414882	42.715	30.85009	11.86491	30.25027	4
1986.49	1987.31	1342.81	76.30852	136.9742	73.32958	71.04285	59.73517	1.017073	39.24775	26.3966	12.85115	30.04442	4
1986.495	1987.315	1342.815	72.92168	61.94012	72.19239	72.58794	63.57449	0	36.42551	19.34104	17.08447	31.08915	4
1986.5	1987.32	1342.82	75.9995	90.87811	74.44205	73.25542	60.15821	0.513457	39.32833	9.728154	29.60018	30.88873	4
1986.505	1987.325	1342.825	94.15741	88.21961	94.49115	94.04617	29.43955	13.18616	57.37429	24.29595	33.07834	28.59644	4
1986.51	1987.331	1342.831	90.89418	79.32736	91.36389	91.01779	33.5399	10.89232	55.56779	37.43434	18.13345	28.77507	4
1986.515	1987.336	1342.836	89.11424	66.08067	89.86824	90.33795	36.17984	10.00409	53.81607	34.28441	19.53166	28.86673	4
1986.52	1987.341	1342.841	86.70389	100.2898	88.12538	90.14018	24.94578	13.24517	61.80905	41.55411	20.25494	27.98352	4
1986.525	1987.346	1342.846	80.6595	151.9168	79.23801	75.9377	40.0459	5.584714	54.36938	31.81186	22.55752	28.10986	4
1986.53	1987.351	1342.851	77.9525	116.1492	76.98836	82.7979	47.64766	3.723543	48.6288	24.91189	23.71691	27.49197	4
1986.535	1987.356	1342.856	82.01918	112.6656	82.4518	82.64957	33.92443	8.18593	57.88964	36.09099	21.79865	28.02186	4
1986.54	1987.362	1342.862	74.20719	131.2141	71.80921	72.68682	58.55994	1.603826	39.83624	21.86356	17.97267	29.19537	4
1986.545	1987.367	1342.867	69.99218	131.4891	67.54476	65.31983	62.75438	1.413912	35.83171	28.79335	7.038364	30.11434	2
1986.55	1987.372	1342.872	68.26168	45.54601	67.95266	68.01447	68.57201	0	31.42799	11.24376	20.18423	30.54612	2
1986.555	1987.377	1342.877	82.21695	66.7071	81.73488	80.01674	51.95332	2.610961	45.43572	30.89031	14.54541	30.5825	2

1986.56	1987.382	1342.882	81.26517	32.00902	81.45058	83.0204	56.05292	1.753854	42.19322	23.11225	19.08097	31.15035	2
1986.565	1987.388	1342.888	85.18352	53.76598	85.46782	83.35414	46.41649	5.190756	48.39275	30.66206	17.7307	30.293	2
1986.57	1987.393	1342.893	94.6024	110.603	93.76187	91.5493	32.71397	9.008503	58.27753	25.19549	33.08204	28.99087	2
1986.575	1987.398	1342.898	92.27858	179.1436	93.48993	87.93997	2.362988	22.18188	75.45513	75.45513	0	-9999	2
1986.58	1987.403	1342.903	88.03885	108.8154	87.54442	84.80034	36.50276	7.472007	56.02523	26.22283	29.8024	28.97567	2
1986.585	1987.408	1342.908	88.03885	81.16081	86.87694	85.14644	48.36813	3.206344	48.42553	27.84668	20.57884	30.24228	2
1986.59	1987.413	1342.913	86.92639	97.15768	85.3813	80.7213	48.49002	2.707353	48.80262	28.24987	20.55275	30.50206	2
1986.595	1987.419	1342.919	90.98071	63.28466	91.16612	94.15741	39.54593	8.614057	51.84001	20.25913	31.58089	28.71588	2
1986.6	1987.424	1342.924	93.78659	52.3145	93.79895	92.48872	40.96043	8.864153	50.17542	33.58316	16.59226	29.79406	2
1986.605	1987.429	1342.929	87.75456	68.20442	87.61859	86.43196	43.81409	5.919174	50.26673	22.90332	27.36342	29.7462	2
1986.61	1987.434	1342.934	88.02649	60.41225	87.93997	88.66925	45.06643	5.704792	49.22877	17.20007	32.0287	29.63325	2
1986.615	1987.439	1342.939	79.52231	118.1813	77.49515	74.84995	53.9501	1.763826	44.28608	19.0927	25.19337	29.88971	6
1986.62	1987.444	1342.944	82.09334	107.1806	80.86963	78.94135	48.0202	3.327646	48.65215	23.40599	25.24616	29.41937	6
1986.625	1987.45	1342.95	84.25647	114.8505	82.89679	81.1292	45.22775	3.917681	50.85457	29.87023	20.98433	29.12829	6
1986.63	1987.455	1342.955	81.72252	95.07977	80.35048	76.18491	52.4393	2.055956	45.50475	31.28805	14.2167	30.5723	6
1986.635	1987.46	1342.96	83.40358	80.35104	82.36528	79.94257	51.87059	2.314335	45.81507	18.11765	27.69743	30.54532	6
1986.64	1987.465	1342.965	84.71382	89.19745	83.92273	83.8362	46.60843	3.991733	49.39984	21.68495	27.71489	29.39604	6
1986.645	1987.47	1342.97	80.99324	83.72765	80.0909	76.2838	52.21722	2.328117	45.45467	25.55527	19.89939	30.62884	6
1986.65	1987.476	1342.976	86.86458	137.0811	85.19588	85.34421	39.84337	4.986475	55.17015	21.15491	34.01524	28.19324	6
1986.655	1987.481	1342.981	81.4135	64.30833	81.79668	82.92151	46.5673	4.530122	48.90258	26.013	22.88958	29.40336	6
1986.66	1987.486	1342.986	85.13408	102.8414	85.69031	87.53206	32.47823	9.379383	58.14239	29.32778	28.81461	27.9444	6
1986.665	1987.491	1342.991	84.36772	80.22881	83.98453	82.41472	45.936	4.518865	49.54514	25.18944	24.3557	29.71463	6
1986.67	1987.496	1342.996	78.84247	67.5016	77.98958	73.04529	57.73944	0.867971	41.39259	14.31215	27.08043	31.84699	2
1986.675	1987.501	1343.001	73.84873	98.16608	71.3395	69.12693	67.74949	0	32.25051	6.118103	26.1324	31.11912	2
1986.68	1987.507	1343.007	88.18718	316.9275	88.87938	87.16124	0	26.08097	73.91903	73.91903	0	-9999	2
1986.685	1987.512	1343.012	92.76065	183.2688	95.31932	97.38357	0	29.92542	70.07458	70.07458	0	-9999	2
1986.69	1987.517	1343.017	84.49132	99.08281	83.94745	80.15271	42.50495	5.343007	52.15204	27.15861	24.99343	29.521	2
1986.695	1987.522	1343.022	92.29094	156.3171	91.19084	91.11667	25.78941	9.906933	64.30365	32.64501	31.65865	27.96708	2
1986.7	1987.527	1343.027	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1987.005	1987.843	1343.343	129.5956	112.1309	129.1259	127.346	0	65.2025	34.7975	34.7975	0	-9999	8
1987.01	1987.848	1343.348	123.6007	89.64053	121.0173	119.5216	24.61566	3.248498	72.13584	46.89156	25.24428	30.25794	8
1987.015	1987.853	1343.353	125.4795	45.65296	123.9344	122.995	25.4853	23.60067	50.91404	36.88071	14.03333	27.26734	8
1987.02	1987.859	1343.359	125.838	53.88821	125.121	124.9974	16.74427	44.07848	39.17725	28.03761	11.13964	24.57983	8
1987.025	1987.864	1343.364	129.2372	132.1308	126.3818	124.367	11.25495	0.833093	87.91195	69.81703	18.09492	31.16678	8
1987.03	1987.869	1343.369	132.2779	122.4288	132.1419	131.9442	0	86.56433	13.43567	13.43567	0	-9999	8
1987.035	1987.874	1343.374	137.8402	148.8763	138.1987	142.4755	0	100	0	0	0	-9999	8
1987.04	1987.879	1343.379	140.7326	98.05913	141.6103	140.3371	0	100	0	0	0	-9999	8
1987.045	1987.884	1343.384	135.8007	105.3471	136.839	139.1999	0	100	0	0	0	-9999	8
1987.05	1987.89	1343.39	123.5883	78.16618	122.7849	121.1903	13.60925	38.71815	47.67259	23.97637	23.69623	26.08856	8
1987.055	1987.895	1343.395	120.7824	149.4416	119.3857	116.2708	3.540201	27.29069	69.16911	65.74936	3.419755	-9999	8
1987.06	1987.9	1343.4	128.1371	108.8154	127.1729	128.6686	3.25264	47.09404	49.65332	49.65332	0	-9999	8
1987.065	1987.905	1343.405	115.4673	165.958	112.0434	106.1844	20.14364	0	79.85636	45.90227	33.95409	26.37543	8
1987.07	1987.91	1343.41	115.9617	153.3377	111.6355	107.2103	29.73595	0	70.26405	43.06129	27.20276	10.37487	8
1987.075	1987.916	1343.416	117.4574	99.18976	115.8629	113.3536	20.29292	17.04571	62.66137	43.24551	19.41586	28.96349	8
1987.08	1987.921	1343.421	124.058	95.98122	123.4153	122.9332	7.620538	44.42095	47.95851	37.10892	10.84959	-9999	8
1987.085	1987.926	1343.426	125.4795	128.8764	124.2805	118.3721	2.662942	37.08834	60.24872	60.24872	0	-9999	8
1987.09	1987.931	1343.431	113.675	69.99204	113.6256	112.5625	18.8641	31.93208	49.20382	22.41155	26.79226	27.14422	8
1987.095	1987.936	1343.436	120.4858	94.23944	120.4858	120.4363	6.347145	48.78956	44.8633	33.62132	11.24198	-9999	8
1987.1	1987.941	1343.441	122.5624	66.18762	122.822	123.3658	9.213502	57.91281	32.87369	32.79257	0.081123	23.65705	8
1987.105	1987.947	1343.447	124.7873	185.6829	124.8615	124.9604	0	68.81061	31.18939	31.18939	0	-9999	8
1987.11	1987.952	1343.452	114.429	176.8823	112.8468	105.8259	4.181637	19.87151	75.94685	69.27123	6.675618	-9999	8
1987.115	1987.957	1343.457	110.3623	77.78421	110.0286	110.0162	22.22936	23.8634	53.90725	22.09911	31.80813	27.80076	8
1987.12	1987.962	1343.462	112.7109	105.179	112.0681	113.2918	15.83405	25.14982	59.01613	32.32701	26.68912	27.67697	8
1987.125	1987.967	1343.467	114.256	68.17386	114.8864	116.1719	13.50086	42.43189	44.06725	34.86058	9.206666	25.82946	8
1987.13	1987.972	1343.472	131.4745	149.35	131.7588	134.4534	0	98.84724	1.152756	1.152756	0	-9999	2
1987.135	1987.978	1343.478	118.4092	61.78734	118.3597	119.5958	16.49421	40.7812	42.72459	24.81463	17.90996	25.50354	2
1987.14	1987.983	1343.483	110.9062	74.05619	110.35	112.1917	24.3555	21.78818	53.85632	34.8418	19.01453	27.62577	2
1987.145	1987.988	1343.488	107.9767	80.53439	107.9273	107.1485	21.55529	23.91496	54.52976	41.2768	13.25296	27.99687	2
1987.15	1987.993	1343.493	100.4861	68.80029	99.01518	97.29704	42.30279	5.297628	52.39958	31.29351	21.10607	30.33385	2
1987.155	1987.998	1343.498	92.99551	36.02733	91.84596	91.1414	54.63452	1.826798	43.53869	15.48452	28.05417	31.87468	2
1987.16	1988.004	1343.504	93.14383	33.90359	92.11789	91.1414	54.05404	2.30451	43.64144	22.60679	21.03465	31.83576	2
1987.165	1988.009	1343.509	97.72967	93.2616	95.28224	92.66177	46.48694	0.450003	53.06305	21.17563	31.88743	30.88964	2
1987.17	1988.014	1343.514	102.3526	55.27858	101.8458	100.3378	36.38583	12.26338	51.35079	28.39336	22.95743	29.45067	2
1987.175	1988.019	1343.519	97.45773	68.58639	96.32054	94.12033	42.55418	5.943005	51.50281	26.8752	24.62761	30.25284	2
1987.18	1988.024	1343.524	92.61232	40.33595	92.00665	91.57402	49.72935	4.428147	45.8425	14.93265	30.90985	30.88157	2
1987.185	1988.029	1343.529	103.465	41.68048	103.292	102.7976	36.06662	14.94916	48.98422	16.11432	32.8699	29.10095	2
1987.19	1988.035	1343.535	97.95216	70.17538	97.35884	96.39471	37.49976	9.486235	53.014	34.51086	18.50314	29.41298	2
1987.195	1988.04	1343.54	88.9041	47.10444	87.85344	87.14888	54.95158	1.572507	43.47591	27.02628	16.44963	31.56021	2
1987.2	1988.045	1343.545	93.82367	58.5788	92.50108	90.38739	49.75629	2.847895	47.39582	30.33683	17.05899	31.14014	2
1987.205	1988.05	1343.55	91.37625	39.57201	90.58516	89.05243	52.48835	3.002416	44.50924	15.36241	29.14683	31.49869	2
1987.21	1988.055	1343.555	91.80888	52.62008	90.77057	90.12782	50.84861	2.997192	46.1542	25.66538	20.48882	30.96272	2
1987.215	1988.06	1343.56	88.89174	41.02349	88.33551	87.49498	52.60272	3.01479	44.38249	26.04009	18.3424	31.24414	2
1987.22	1988.066	1343.566	95.19572	141.405	93.30452	91.64819	32.85667	6.117039	61.02629	38.29211	22.73418	28.76763	2

1987.225	1988.071	1343.571	93.14383	70.32817	92.14262	89.78172	45.0477	4.876794	50.0755	31.82375	18.25175	30.35128	2
1987.23	1988.076	1343.576	86.27127	53.58264	84.80034	83.27997	59.06312	0	40.93688	19.66246	21.27442	32.03646	2
1987.235	1988.081	1343.581	86.74098	33.85775	86.16002	84.86214	56.50712	1.606035	41.88684	19.17357	22.71327	31.99418	2
1987.24	1988.086	1343.586	87.09944	62.59711	85.90045	85.69031	54.0122	1.565531	44.42227	13.90792	30.51435	30.98486	2
1987.245	1988.092	1343.592	84.97339	34.65225	84.25647	82.55069	58.99479	0.617445	40.38777	26.62838	13.75938	32.43261	2
1987.25	1988.097	1343.597	83.98453	26.00446	83.31705	82.34056	61.61412	0	38.38588	12.64461	25.74127	32.73556	2
1987.255	1988.102	1343.602	88.16246	74.59094	87.07472	85.18352	49.26955	3.062633	47.66782	17.41999	30.24783	30.48034	2
1987.26	1988.107	1343.607	86.83986	91.12257	85.81392	84.15758	46.00671	3.999613	49.99368	19.59158	30.4021	29.7201	2
1987.265	1988.112	1343.612	85.93753	87.16537	84.7509	84.76326	49.03984	2.961756	47.99841	24.72235	23.27605	29.77454	6
1987.27	1988.117	1343.617	83.89801	106.8597	81.61127	79.06496	54.67598	0.726873	44.59714	14.88968	29.70747	30.57649	6
1987.275	1988.123	1343.623	90.88182	175.5989	87.70511	83.72496	38.51328	2.646843	58.83987	21.93472	36.90516	28.76335	6
1987.28	1988.128	1343.628	82.7979	127.3791	80.89435	80.0909	47.75272	3.025545	49.22173	27.07294	22.14879	28.87602	6
1987.285	1988.133	1343.633	83.03276	88.87659	81.67308	80.10326	52.63925	1.917228	45.44352	13.72221	31.72131	30.32209	6
1987.29	1988.138	1343.638	78.58289	78.6551	77.05016	75.75229	60.54787	0.069877	39.38225	19.28704	20.09521	31.42861	6
1987.295	1988.143	1343.643	81.11684	68.31137	79.52231	77.73	61.19879	0	38.80121	25.09017	13.71104	31.47888	6
1987.3	1988.149	1343.649	81.6978	86.00418	79.70772	76.77823	59.44812	0	40.55188	18.99087	21.56101	31.48521	6
1987.305	1988.154	1343.654	82.21695	105.9888	80.73366	80.15271	50.2066	2.593363	47.20004	16.76712	30.43292	29.45208	6
1987.31	1988.159	1343.659	81.96973	76.33272	80.83255	79.96729	54.92853	1.445764	43.62571	12.52053	31.10517	30.67834	6
1987.315	1988.164	1343.664	79.95493	30.90895	79.48523	78.17499	62.60173	0	37.39827	17.75159	19.64667	32.25614	6
1987.32	1988.169	1343.669	89.1266	138.9757	87.50734	85.66559	36.92065	5.741551	57.3378	32.32032	25.01748	28.53023	6
1987.325	1988.174	1343.674	83.52719	76.65358	82.7979	79.99202	50.25677	2.978928	46.7643	18.14919	28.61512	30.45809	2
1987.33	1988.18	1343.68	84.35535	40.25955	83.74968	83.73732	57.34425	1.140237	41.51551	12.95743	28.55808	31.68407	2
1987.335	1988.185	1343.685	89.13896	86.92091	87.38373	84.25647	50.56028	1.735966	47.70375	29.45071	18.25304	30.81501	2
1987.34	1988.19	1343.69	84.09578	38.89974	83.67551	81.80904	56.4752	1.521441	42.00336	27.73025	14.27311	31.87635	2
1987.345	1988.195	1343.695	80.91907	41.72631	80.85727	81.26517	55.93566	1.628822	42.43551	20.75361	21.68191	31.15244	2
1987.35	1988.2	1343.7	81.3517	70.17538	80.27631	77.6682	56.50822	1.056297	42.43548	29.06072	13.37476	31.32287	2
1987.355	1988.205	1343.705	76.27144	30.48114	75.28258	74.44205	70.1175	0	29.8825	14.42888	15.45363	30.88169	2
1987.36	1988.211	1343.711	80.59769	119.3883	79.18857	75.34438	47.87886	3.408501	48.71264	20.55943	28.15321	29.41841	2
1987.365	1988.216	1343.716	77.94013	76.25633	76.59282	75.23313	60.28277	0.210707	39.50652	15.17407	24.33245	31.38945	2
1987.37	1988.221	1343.721	77.16141	50.78662	76.24671	74.80051	63.81002	0	36.18998	13.87266	22.31732	31.53579	2
1987.375	1988.226	1343.726	81.27753	52.57424	81.04268	79.62119	54.32182	2.02539	43.65279	26.18748	17.46531	31.0606	2
1987.38	1988.231	1343.731	82.56305	73.87284	82.20459	82.41472	48.94284	3.54607	47.51109	22.27524	25.23585	29.72515	8
1987.385	1988.237	1343.737	80.70894	55.49248	80.12798	77.75472	56.82099	1.160324	42.01868	30.42895	11.58973	31.55537	8
1987.39	1988.242	1343.742	81.53711	58.34961	81.36406	80.91907	52.20639	2.665394	45.12821	31.94183	13.18638	30.48158	8
1987.395	1988.247	1343.747	89.49742	45.45433	89.60867	89.9424	45.80026	6.227216	47.97252	32.47754	15.49498	30.00188	8
1987.4	1988.252	1343.752	88.74341	69.56423	89.28729	89.85588	37.30651	9.148183	53.54531	37.37691	16.16841	28.87201	8
1987.405	1988.257	1343.757	88.52092	46.21827	88.23662	88.33551	49.57923	4.235758	46.18501	22.40307	23.78195	30.51674	8
1987.41	1988.262	1343.762	84.15758	92.11569	84.28119	85.46782	39.32507	6.800421	53.87451	21.81611	32.0584	28.45593	8
1987.415	1988.268	1343.768	77.29738	164.5065	76.13547	70.95632	38.08063	6.451946	55.46742	20.23536	35.23206	27.87232	2
1987.42	1988.273	1343.773	72.18003	71.36712	70.98104	68.24932	65.6157	0	34.3843	18.60037	15.78392	31.4626	2
1987.425	1988.278	1343.778	70.98104	54.69799	69.93038	67.09977	69.60316	0	30.39684	14.15911	16.23773	31.20931	2
1987.43	1988.283	1343.783	71.98226	48.55592	71.40131	69.93038	66.52818	0	33.47182	9.052378	24.41944	31.13868	2
1987.435	1988.288	1343.788	71.59908	44.67512	70.78327	68.49654	69.63998	0	30.36002	15.74583	14.61419	31.08189	2
1987.44	1988.293	1343.793	71.51255	32.28404	71.35187	71.24062	67.64106	0	32.35894	18.75882	13.60012	30.77563	2
1987.445	1988.299	1343.799	74.78815	32.5285	74.15775	73.13181	68.20859	0	31.79141	10.11339	21.67803	31.07689	2
1987.45	1988.304	1343.804	76.13547	42.1694	76.14783	77.22321	59.65458	0.362585	39.98284	17.36206	22.62078	31.40426	2
1987.455	1988.309	1343.809	82.25403	100.901	82.61249	81.30225	37.13018	7.280986	55.58883	32.18032	23.40851	28.58942	2
1987.46	1988.314	1343.814	88.54564	130.664	87.55678	85.14644	34.58097	7.324864	58.09417	31.4387	26.65547	28.57858	2
1987.465	1988.319	1343.819	92.3033	115.5839	92.26622	92.73593	27.39705	11.95271	60.65025	41.7362	18.91404	28.17836	2
1987.47	1988.325	1343.825	81.64835	96.39375	81.1292	80.18979	45.57965	4.345181	50.07517	25.1353	24.93987	29.13906	2
1987.475	1988.33	1343.83	80.35048	67.31825	80.12798	79.94257	51.51087	2.758418	45.73072	24.48129	21.24943	30.11637	2
1987.48	1988.335	1343.835	78.3604	72.03939	77.53223	76.37032	56.89321	1.126317	41.98047	30.34484	11.63563	30.87964	2
1987.485	1988.34	1343.84	74.84995	44.81263	74.75107	74.60274	61.05975	0	38.94025	19.799	19.14125	31.73275	2
1987.49	1988.345	1343.845	74.09595	107.4097	72.26656	70.43717	60.01633	0.947234	39.03644	12.12548	26.91096	30.45791	2
1987.495	1988.35	1343.85	71.75977	83.97211	70.15287	67.92794	66.1132	0	33.8868	12.56139	21.32541	31.37978	2
1987.5	1988.356	1343.856	69.42359	42.01661	68.47181	67.5324	73.33854	0	26.66146	21.13951	5.521946	30.70117	2
1987.505	1988.361	1343.861	72.47669	37.73856	71.87102	70.67202	68.8827	0	31.1173	21.47968	9.637622	30.94632	2
1987.51	1988.366	1343.866	71.16645	44.33898	70.28884	69.42359	70.59832	0	29.40168	12.84776	16.55392	30.7705	2
1987.515	1988.371	1343.871	66.01203	49.90046	64.81304	63.67585	76.4852	0	23.5148	6.36193	17.15287	30.90681	2
1987.52	1988.376	1343.876	71.84629	54.80494	71.51255	70.5855	63.2251	0	36.7749	10.20372	26.57119	31.32117	2
1987.525	1988.381	1343.881	68.11335	52.26866	67.42115	65.54232	70.05126	0	29.94874	23.05963	6.889114	30.93939	2
1987.53	1988.387	1343.887	62.92185	40.61096	62.04423	61.30259	79.08554	0	20.91446	20.91446	0	30.78756	2
1987.535	1988.392	1343.892	63.36683	33.00214	62.63755	61.35203	79.36794	0	20.63206	18.42377	2.208284	30.76289	2
1987.54	1988.397	1343.897	67.65601	44.24731	67.21102	66.48174	70.49727	0	29.50273	19.90131	9.601419	30.61025	2
1987.545	1988.402	1343.902	72.64974	71.18378	72.01934	69.25054	60.82134	0.34044	38.83822	28.25696	10.58126	31.48055	2
1987.55	1988.407	1343.907	81.19101	84.87356	82.06862	80.12798	37.96338	7.184918	54.8517	31.33093	23.52077	28.96885	2
1987.555	1988.413	1343.913	82.09334	83.34568	81.85849	81.42586	46.12459	4.372108	49.5033	28.93626	20.56704	29.34662	2
1987.56	1988.418	1343.918	81.48766	51.00053	81.36406	81.22809	53.64718	2.28521	44.06761	23.4551	20.61251	30.75709	2
1987.565	1988.423	1343.923	79.85605	39.11365	79.73244	80.23923	58.02489	0.946778	41.02833	26.43596	14.59237	31.48016	2
1987.57	1988.428	1343.928	83.94745	69.33505	83.61371	82.21695	48.57575	3.784089	47.64016	15.94443	31.69573	30.12215	2
1987.575	1988.433	1343.933	77.59403	94.36167	75.91297	72.34072	58.80617	0.692752	40.50107	29.59798	10.90309	31.13596	2
1987.58	1988.438	1343.938	76.08603	63.11659	75.76465	75.2455	57.21733	1.080472	41.7022	25.99009	15.71211	30.8493	2
1987.585	1988.444	1343.944	78.32332	48.76983	78.00194	79.62119	58.63094	0.682579	40.68648	15.91271	24.77377	31.11305	2

1987.59	1988.449	1343.949	84.97339	59.69415	84.94867	86.60501	47.57009	4.491449	47.93846	25.27923	22.65924	29.63004	2
1987.595	1988.454	1343.954	87.38373	59.2205	87.22304	88.40967	46.52095	5.052677	48.42638	21.91879	26.50759	29.69958	8
1987.6	1988.459	1343.959	92.1797	70.41984	91.68527	91.68527	41.9849	6.749792	51.2653	34.57428	16.69103	29.48804	8
1987.605	1988.464	1343.964	98.78033	310.4798	96.54304	86.1971	0	16.42639	83.57361	83.57361	0	-9999	8
1987.61	1988.469	1343.969	78.45929	141.8481	74.25664	70.51134	66.06075	0	33.93925	15.80702	18.13223	30.20516	8
1987.615	1988.475	1343.975	80.3134	56.92869	78.7683	76.74114	64.30939	0	35.69061	10.39853	25.29208	31.24564	8
1987.62	1988.48	1343.98	87.5197	76.50079	86.72861	84.76326	47.09961	4.034	48.86639	20.71784	28.14855	30.14018	8
1987.625	1988.485	1343.985	93.81131	73.15474	93.67535	92.04373	37.0439	9.548123	53.40798	29.34903	24.05895	29.34541	8
1987.63	1988.49	1343.99	94.1945	79.78573	94.5406	95.8632	31.35064	12.70921	55.94015	37.64881	18.29134	28.38145	8
1987.635	1988.495	1343.995	87.4579	62.71934	87.37137	86.8893	45.03122	5.590683	49.37809	21.53498	27.84311	29.79316	8
1987.64	1988.501	1344.001	92.34039	43.51393	92.35275	92.04373	44.42068	7.34004	48.23928	29.75917	18.48011	30.03885	8
1987.645	1988.506	1344.006	87.60623	132.36	88.12538	90.11546	23.34774	12.60554	64.04672	48.23439	15.81233	27.66312	8
1987.65	1988.511	1344.011	88.34787	69.01419	88.4962	88.73105	40.86898	7.336184	51.79484	19.49706	32.29778	29.20297	8
1987.655	1988.516	1344.016	92.59996	88.37239	92.61232	91.70999	33.32612	10.53001	56.14387	32.13929	24.00458	28.82464	8
1987.66	1988.521	1344.021	99.86807	50.55744	99.39836	98.65672	39.52671	10.25834	50.21496	25.64355	24.57141	29.64887	8
1987.665	1988.526	1344.026	93.05731	86.23337	94.76309	96.97566	20.299	19.18912	60.51188	45.50633	15.00556	28.04344	8
1987.67	1988.532	1344.032	77.44571	108.5098	76.0613	73.3543	53.21969	2.236624	44.54368	15.75615	28.78753	29.81793	2
1987.675	1988.537	1344.037	78.6447	107.4403	77.69292	76.0613	49.02259	3.300046	47.67736	24.67125	23.00611	29.21801	2
1987.68	1988.542	1344.042	86.49376	79.43431	87.27249	89.50978	35.16751	9.331324	55.50117	27.47552	28.02564	28.28712	2
1987.685	1988.547	1344.047	83.7744	83.3304	83.94745	85.36893	41.42046	6.1953	52.38424	37.0309	15.35334	28.67034	2
1987.69	1988.552	1344.052	80.49881	122.2301	79.16385	73.20597	46.70734	3.761724	49.53094	23.85181	25.67913	29.62683	2
1987.695	1988.557	1344.057	90.15254	153.1238	91.77179	92.55052	7.454471	20.4241	72.12143	62.96071	9.160722	-9999	2
1987.7	1988.563	1344.063	93.82367	142.3828	94.92378	98.19937	10.69976	20.56385	68.73639	63.07389	5.6625	28.1476	2
1987.705	1988.568	1344.068	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1988	1988.873	1344.373	146.1219	78.08978	145.9612	148.4334	0	100	0	0	0	-9999	-9999
1988.005	1988.878	1344.378	146.3197	148.0513	146.6411	145.8376	0	100	0	0	0	-9999	-9999
1988.01	1988.884	1344.384	136.7154	144.8427	134.7995	132.2655	0	37.26824	62.73176	62.73176	0	-9999	3
1988.015	1988.889	1344.389	139.0392	123.7886	138.0256	137.6054	0	80.4554	19.5446	19.5446	0	-9999	3
1988.02	1988.894	1344.394	142.7969	158.7158	141.2271	136.1963	0	69.18131	30.81869	30.81869	0	-9999	3
1988.025	1988.899	1344.399	139.6696	89.228	138.7673	137.8155	0	85.93782	14.06218	14.06218	0	-9999	3
1988.03	1988.904	1344.404	144.8735	71.13794	144.9847	144.515	0	100	0	0	0	-9999	3
1988.035	1988.909	1344.409	138.5448	97.08129	139.2988	140.8933	0	100	0	0	0	-9999	3
1988.04	1988.915	1344.415	130.3373	68.61695	129.6945	133.2668	8.465781	59.51912	32.0151	15.26109	16.75401	21.82842	3
1988.045	1988.92	1344.42	134.5028	50.43521	133.7859	133.3904	9.608213	70.11264	20.27915	1.975604	18.30354	19.98128	3
1988.05	1988.925	1344.425	131.6599	41.03877	131.4992	130.7205	10.18688	77.63045	12.18267	1.608503	10.57417	19.48764	3
1988.055	1988.93	1344.43	124.1816	45.68352	123.1804	121.1162	22.45694	33.45866	44.0844	24.88988	19.19453	26.2915	3
1988.06	1988.935	1344.435	129.917	48.51009	128.8663	127.6303	16.87954	44.96635	38.15411	24.2661	13.88801	24.07161	3
1988.065	1988.941	1344.441	130.3373	36.07317	130.1766	129.7687	12.60534	71.99298	15.40168	0	15.40168	20.25483	3
1988.07	1988.946	1344.446	123.6501	37.37187	122.9456	123.304	22.65825	38.20922	39.13253	10.97775	28.15478	25.2411	3
1988.075	1988.951	1344.451	131.5363	53.52152	131.7217	132.0183	4.597492	89.37978	6.022729	6.022729	0	-9999	3
1988.08	1988.956	1344.456	130.7081	53.62848	129.9788	129.6945	12.4224	57.03975	30.53785	18.86515	11.6727	22.38103	3
1988.085	1988.961	1344.461	126.7403	43.97229	126.1346	126.1346	17.45161	48.43642	34.11197	9.468836	24.64313	23.76932	3
1988.09	1988.966	1344.466	128.3348	33.29244	128.3225	127.7539	13.97098	68.56483	17.46419	0	17.46419	21.01745	3
1988.095	1988.972	1344.472	123.8479	42.76527	123.7243	123.7614	16.6687	51.78066	31.55064	23.31423	8.236414	23.71472	3
1988.1	1988.977	1344.477	117.0989	38.01357	116.4933	115.6651	27.76369	27.58284	44.65348	15.40644	29.24703	27.27119	3
1988.105	1988.982	1344.482	120.0037	27.53234	119.5834	120.0037	26.19082	35.38342	38.42576	10.53977	27.88599	25.86991	3
1988.11	1988.987	1344.487	117.5192	35.96622	117.3585	115.9617	24.42386	35.28653	40.28961	17.28825	23.00136	26.40995	3
1988.115	1988.992	1344.492	114.2312	33.99526	113.5761	110.9804	31.75758	22.23637	46.00605	24.64923	21.35683	28.43861	3
1988.12	1988.997	1344.497	122.4511	32.72712	122.241	121.5982	21.05353	45.46921	33.47727	4.538833	28.93843	24.61719	3
1988.125	1989.003	1344.503	126.0728	37.61633	126.1099	126.2335	14.62247	62.15037	23.22717	3.706059	19.52111	22.11103	3
1988.13	1989.008	1344.508	127.9393	35.38563	127.4201	126.0357	17.75595	53.47715	28.7669	2.9192	25.8477	23.11415	3
1988.135	1989.013	1344.513	117.6675	33.52162	117.136	117.3214	27.75286	29.41966	42.82748	25.63518	17.1923	26.82855	3
1988.14	1989.018	1344.518	116.3202	32.20764	116.0112	114.8122	27.58605	30.39694	42.017	13.98662	28.03038	27.03739	3
1988.145	1989.023	1344.523	118.5451	45.65296	118.3226	117.2349	21.61478	37.03701	41.34821	14.30243	27.04578	26.12702	3
1988.15	1989.029	1344.529	117.6057	28.23516	117.3585	117.8035	26.88574	33.53481	39.57945	24.73605	14.8434	26.26932	3
1988.155	1989.034	1344.534	109.3488	37.95246	109.2869	109.2128	30.69363	22.78693	46.51943	22.22213	24.2973	27.99892	3
1988.16	1989.039	1344.539	103.3167	30.90895	103.1066	103.2055	39.09718	13.77796	47.12485	25.41901	21.70584	29.33971	3
1988.165	1989.044	1344.544	102.402	34.6828	102.093	101.339	39.79179	12.4026	47.80561	15.85227	31.95334	29.64101	3
1988.17	1989.049	1344.549	113.4772	68.35721	113.1929	113.5514	21.2618	28.36274	50.37546	26.1435	24.23196	27.1849	3
1988.175	1989.054	1344.554	108.4093	33.7508	107.9149	107.1609	35.92754	16.78261	47.28985	14.54835	32.74149	28.98893	3
1988.18	1989.06	1344.56	110.5848	49.47265	109.9668	109.2375	31.07936	19.03957	49.88107	20.46879	29.41227	28.47755	3
1988.185	1989.065	1344.565	105.0225	31.04646	104.6764	103.8111	38.54834	14.36621	47.08545	15.35223	31.73322	29.43101	3
1988.19	1989.07	1344.57	105.0719	34.63697	105.0596	102.983	35.04746	17.56238	47.39015	18.59849	28.79167	29.12412	3
1988.195	1989.075	1344.575	104.936	34.20916	104.7011	104.8865	37.00041	15.44817	47.55142	29.33288	18.21855	29.01628	3
1988.2	1989.08	1344.58	117.6057	40.39706	117.3956	117.9395	23.65517	34.95801	41.38682	21.38661	20.00021	26.09801	3
1988.205	1989.085	1344.585	109.2128	32.05485	108.3723	107.4081	38.28107	13.97607	47.74286	31.05549	16.68737	29.47632	3
1988.21	1989.091	1344.591	114.0829	51.67279	113.8481	110.2758	24.35902	28.88502	46.75596	34.85553	11.90043	27.76198	3
1988.215	1989.096	1344.596	117.6552	81.58862	117.1978	115.1583	15.55724	33.83403	50.60872	29.94033	20.6684	27.08516	3
1988.22	1989.101	1344.601	116.6416	74.8354	115.9865	112.3648	19.65674	28.57186	51.7714	24.44115	27.33025	27.82762	3
1988.225	1989.106	1344.606	115.764	42.55137	115.3808	113.8233	26.16938	29.00947	44.82115	18.27659	26.54456	27.28986	3
1988.23	1989.111	1344.611	117.2843	46.00437	116.9012	114.8369	23.93501	31.9388	44.12619	32.00694	12.11925	26.96706	3
1988.235	1989.117	1344.617	119.398	66.72238	119.4351	119.6329	13.71961	44.92967	41.35072	17.80387	23.54685	25.29073	3
1988.24	1989.122	1344.622	122.4758	48.05172	122.4388	122.4017	15.98109	50.17141	33.8475	11.57461	22.27289	24.15419	3

1988.245	1989.127	1344.627	128.0505	109.3654	128.4708	130.7328	0	84.75525	15.24475	15.24475	0	-9999	3
1988.25	1989.132	1344.632	141.3507	94.23944	142.2654	143.143	0	100	0	0	0	-9999	3
1988.255	1989.137	1344.637	112.4019	106.7375	111.586	109.9792	17.08234	22.74249	60.17517	36.72016	23.45501	28.37195	3
1988.26	1989.142	1344.642	109.2746	68.86141	108.842	108.2239	26.15577	20.80162	53.04261	20.68119	32.36142	28.18573	3
1988.265	1989.148	1344.648	111.0669	98.7314	110.3623	107.0867	19.38581	21.95103	58.66316	28.17965	30.48351	28.66197	3
1988.27	1989.153	1344.653	112.3771	109.5182	110.9433	109.7196	21.22193	15.51089	63.26718	47.05801	16.20917	28.87291	3
1988.275	1989.158	1344.658	101.6604	48.66288	101.0176	100.4737	39.67741	10.27653	50.04606	25.94584	24.10022	29.67214	3
1988.28	1989.163	1344.663	104.5033	47.07388	103.6752	102.3897	38.88335	10.93433	50.18232	18.37815	31.80417	29.76302	3
1988.285	1989.168	1344.668	108.2734	34.66752	108.1003	107.507	33.3401	19.94824	46.71166	27.45563	19.25603	28.50443	3
1988.29	1989.173	1344.673	116.4685	54.57576	116.2213	116.1719	21.55753	33.12239	45.32008	23.42263	21.89746	26.55462	3
1988.295	1989.179	1344.679	107.5935	39.96926	107.2722	107.3958	33.83208	17.99133	48.17659	19.088	29.08859	28.58094	3
1988.3	1989.184	1344.684	107.9891	32.87991	107.9273	107.4823	33.17209	20.58945	46.23845	17.77971	28.45874	28.41473	3
1988.305	1989.189	1344.689	100.3007	26.8448	99.76919	98.50839	45.34613	8.565532	46.08834	15.91515	30.17319	30.59592	3
1988.31	1989.194	1344.694	98.90394	40.47346	98.07577	96.66664	45.63211	6.641077	47.72681	21.2573	26.46951	30.65775	3
1988.315	1989.199	1344.699	100.9558	53.42985	100.6715	98.38478	36.39393	12.58214	51.02393	20.12578	30.89816	29.54622	3
1988.32	1989.205	1344.705	107.0002	73.53671	106.1968	104.9113	29.99064	15.04521	54.96415	26.87012	28.09403	28.89184	3
1988.325	1989.21	1344.71	111.1411	37.28019	110.5972	110.041	32.94343	19.7416	47.31497	19.24973	28.06525	28.4515	3
1988.33	1989.215	1344.715	110.7332	63.83469	110.6837	109.151	23.06068	26.70055	50.23876	25.91571	24.32305	27.76042	3
1988.335	1989.22	1344.72	103.91	54.22435	103.3044	101.8952	35.97447	12.73446	51.29108	19.51459	31.77649	29.38984	3
1988.34	1989.225	1344.725	108.0509	44.15564	107.5441	105.999	33.83515	16.96236	49.20249	25.54351	23.65898	28.97543	3
1988.345	1989.23	1344.73	102.9706	96.08817	101.9447	99.23767	29.96474	11.58816	58.4471	37.08103	21.36607	29.27781	6
1988.35	1989.236	1344.736	100.894	99.99954	99.00282	95.78903	37.63436	4.829392	57.53625	35.0891	22.44715	30.07022	6
1988.355	1989.241	1344.741	104.9483	188.3261	102.5751	100.6839	16.26539	8.377077	75.35754	44.24217	31.11536	29.44986	6
1988.36	1989.246	1344.746	98.96574	159.709	96.46887	93.81131	29.65268	4.789929	65.55739	45.88729	19.6701	29.10237	6
1988.365	1989.251	1344.751	97.2476	68.58639	96.58012	98.81741	39.10727	8.511057	52.38167	20.78063	31.60104	28.96818	6
1988.37	1989.256	1344.756	121.6848	184.8731	121.0296	119.8677	0	45.03949	54.96051	54.96051	0	-9999	6
1988.375	1989.261	1344.761	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1988.395	1989.282	1344.782	141.4372	91.01562	141.3878	141.7215	0	100	0	0	0	-9999	6
1988.4	1989.287	1344.787	124.33	287.2714	124.0457	123.4029	0	66.0155	33.9845	33.9845	0	-9999	6
1988.405	1989.293	1344.793	105.5169	144.201	103.9595	104.8247	20.09804	12.14213	67.75983	48.1085	19.65133	28.60645	6
1988.41	1989.298	1344.798	98.61964	158.8992	97.17343	95.96208	22.02442	10.75438	67.2212	42.24838	24.97282	28.58678	6
1988.415	1989.303	1344.803	99.53433	216.8821	96.56776	93.71243	18.9339	5.980023	75.08607	56.89935	18.18672	28.97839	6
1988.42	1989.308	1344.808	97.56898	179.4033	96.44415	95.2328	15.53835	13.54556	70.91609	58.4437	12.47239	28.63245	6
1988.425	1989.313	1344.813	94.03381	215.5681	90.52336	88.95355	28.52738	3.711515	67.76111	41.82937	25.93174	27.9084	6
1988.43	1989.318	1344.818	91.8954	119.3425	90.54808	90.26378	37.01709	6.210772	56.77214	23.27535	33.49679	28.65936	6
1988.435	1989.324	1344.824	89.21312	82.15393	88.75577	89.10188	41.58712	6.307649	52.10524	32.70911	19.39612	29.12978	6
1988.44	1989.329	1344.829	91.01779	122.933	89.54686	85.77684	37.91354	5.688056	56.3984	39.77263	16.62577	29.26729	6
1988.445	1989.334	1344.834	92.21678	116.3631	91.2032	90.94362	34.85594	7.561665	57.5824	24.26839	33.31401	28.56194	6
1988.45	1989.339	1344.839	87.72983	68.60167	87.47026	87.33429	44.69866	5.483049	49.81829	23.38514	26.43315	29.62438	6
1988.455	1989.344	1344.844	89.84352	119.923	88.70633	86.8275	37.13579	6.459373	56.40484	30.30781	26.09703	28.81304	6
1988.46	1989.349	1344.849	95.49237	138.8993	95.18336	92.22914	20.92828	14.16106	64.91066	46.02757	18.88309	28.786	6
1988.465	1989.355	1344.855	94.59004	178.0435	93.51466	90.20198	18.22486	12.39123	69.38391	51.23952	18.14439	28.72257	6
1988.47	1989.36	1344.86	89.06479	136.6686	86.53084	84.44188	44.62471	2.321113	53.05418	30.12302	22.93116	29.21551	6
1988.475	1989.365	1344.865	77.12433	104.5221	74.24428	73.03292	66.07167	0	33.92833	18.91585	15.01248	30.46831	2
1988.48	1989.37	1344.87	86.93875	29.06022	86.91403	86.87694	53.17537	3.297439	43.52719	31.51693	12.01026	31.23563	2
1988.485	1989.375	1344.875	91.94484	48.70871	92.01901	92.55052	43.04846	7.729852	49.22169	16.3143	32.90739	29.65786	2
1988.49	1989.381	1344.881	93.67535	51.04636	93.94728	93.71243	39.35796	10.00267	50.63937	33.31752	17.32185	29.4078	2
1988.495	1989.386	1344.886	76.82767	40.74847	76.13547	76.46921	64.82197	0	35.17803	14.25928	20.91875	31.19931	2
1988.5	1989.391	1344.891	82.25403	57.9982	81.66072	81.78432	54.88892	1.730674	43.38041	18.36846	25.01195	30.81529	2
1988.505	1989.396	1344.896	91.85832	56.60783	91.49986	90.88182	44.56933	6.26162	49.16905	21.12991	28.03914	29.99422	2
1988.51	1989.401	1344.901	85.86336	55.30914	85.55435	84.98575	50.01579	3.633267	46.35095	18.27089	28.08006	30.45311	2
1988.515	1989.406	1344.906	80.52353	95.72148	79.20093	76.44449	53.00389	2.006486	44.98962	25.78398	19.20564	30.27245	2
1988.52	1989.412	1344.912	82.21695	240.3503	78.44692	75.04772	35.41331	6.045221	58.54146	21.98879	36.55267	26.42606	2
1988.525	1989.417	1344.917	69.74497	43.28475	69.00333	67.39643	71.10746	0	28.89254	9.845451	19.04709	30.8441	2
1988.53	1989.422	1344.922	74.19483	61.54288	73.34194	71.42603	63.45728	0	36.54272	17.13528	19.40744	31.5354	2
1988.535	1989.427	1344.927	69.27526	38.60945	68.32349	66.04911	74.29954	0	25.70046	15.28297	10.41749	30.91494	2
1988.54	1989.432	1344.932	71.59908	62.67351	70.88216	68.84264	64.51801	0	35.48199	15.62924	19.85276	31.39355	2
1988.545	1989.437	1344.937	75.50507	62.36793	74.50385	71.42603	63.20174	0	36.79826	8.456593	28.34166	31.77754	2
1988.55	1989.443	1344.943	66.79076	65.17922	65.85134	64.78832	70.0596	0	29.9404	16.1089	13.83149	30.90844	2
1988.555	1989.448	1344.948	67.27282	73.1853	66.5559	66.34577	65.95431	0	34.04569	23.22849	10.8172	30.91112	2
1988.56	1989.453	1344.953	80.79546	70.06843	80.12798	80.47408	53.88458	1.948974	44.16645	19.12248	25.04397	30.3177	2
1988.565	1989.458	1344.958	85.07228	63.02492	84.97339	84.0587	47.24784	4.519444	48.23272	30.47636	17.75635	30.01352	2
1988.57	1989.463	1344.963	77.97722	62.59711	77.71764	78.80539	55.12417	1.661405	43.21443	23.00935	20.20508	30.33939	2
1988.575	1989.469	1344.969	77.3221	51.52001	76.84003	75.17133	60.13186	0.259772	39.60837	27.52208	12.08629	31.86573	2
1988.58	1989.474	1344.974	70.54842	55.52304	70.28884	70.48661	63.67059	0	36.32941	22.78442	13.54499	30.97837	2
1988.585	1989.479	1344.979	65.78954	27.76152	65.25802	64.4793	76.87455	0	23.12545	8.489877	14.63557	30.47057	2
1988.59	1989.484	1344.984	61.8341	88.18905	59.94291	57.35952	76.42761	0	23.57239	14.70025	8.872139	32.02893	2
1988.595	1989.489	1344.989	62.82296	49.71711	62.36561	61.63633	73.71578	0	26.28422	8.74289	17.54133	30.51763	2
1988.6	1989.494	1344.994	68.34821	193.2917	65.78954	60.57331	50.17276	5.405727	44.42151	21.87608	22.54543	27.2273	2
1988.605	1989.5	1345	61.32731	42.12356	60.19012	60.42498	82.19817	0	17.80183	10.06621	7.735613	30.96821	2
1988.61	1989.505	1345.005	65.74009	62.33737	64.80068	62.39033	71.71394	0	28.28606	14.86667	13.41939	31.11666	2
1988.615	1989.51	1345.01	70.02927	94.94226	69.01569	68.41001	60.45229	0.950151	38.59756	14.01041	24.58715	30.27283	2
1988.62	1989.515	1345.015	65.85134	70.17538	65.39399	63.02073	65.97877	0	34.02123	5.505848	28.51539	31.19473	2

1988.625	1989.52	1345.02	69.62136	102.9942	68.33585	68.60778	60.98651	1.059406	37.95409	11.03875	26.91534	29.97929	2
1988.63	1989.525	1345.025	73.36666	92.9713	72.04407	69.32471	60.25375	0.754366	38.99188	14.69587	24.29601	30.9208	2
1988.635	1989.531	1345.031	69.2011	49.94629	68.36057	66.70423	70.76209	0	29.23791	14.36902	14.86889	30.89451	2
1988.64	1989.536	1345.036	71.05521	77.78421	70.38773	68.81792	60.9784	0.457515	38.56409	15.06918	23.4949	31.0179	2
1988.645	1989.541	1345.041	70.21468	60.53448	69.79441	68.48418	64.01021	0	35.98979	19.21379	16.77601	31.22994	2
1988.65	1989.546	1345.046	64.87484	26.69201	64.63999	64.70179	75.6758	0	24.3242	11.08987	13.23434	30.16429	2
1988.655	1989.551	1345.051	60.62275	31.13813	60.83288	60.46206	75.06312	0	24.93688	12.94805	11.98883	29.93041	2
1988.66	1989.557	1345.057	60.68455	35.32451	60.49914	59.78222	77.05861	0	22.94139	14.05968	8.881709	30.29926	2
1988.665	1989.562	1345.062	58.3731	54.60632	58.027	56.08636	75.7643	0	24.2357	7.224486	17.01121	30.76287	2
1988.67	1989.567	1345.067	61.99479	37.35659	61.89591	62.29145	74.69086	0	25.30914	11.47706	13.83208	30.03373	2
1988.675	1989.572	1345.072	65.29511	71.74909	66.02439	67.60656	56.91328	0.928567	42.15816	23.72364	18.43451	29.57605	2
1988.68	1989.577	1345.077	63.29267	73.13946	62.88476	66.03675	67.23225	0	32.76775	17.83978	14.92796	30.07659	2
1988.685	1989.582	1345.082	64.23208	49.09068	64.14556	64.67707	69.69711	0	30.30289	15.99575	14.30714	30.19039	2
1988.69	1989.588	1345.088	77.16141	91.82539	77.18613	76.79059	46.59817	4.031613	49.37022	35.26847	14.10175	28.95702	2
1988.695	1989.593	1345.093	77.43334	189.7317	78.45929	71.59908	14.8952	12.98604	72.11876	53.45015	18.66861	28.75776	2
1988.7	1989.598	1345.098	66.92672	93.03242	66.09855	65.35691	62.33188	0.686839	36.98128	25.17441	11.80688	30.44836	2
1988.705	1989.603	1345.103	57.59437	84.53742	57.17411	52.88493	69.81217	0	30.18783	18.52057	11.66725	31.50962	2
1988.71	1989.608	1345.108	60.78344	88.54046	59.70806	59.65861	70.98667	0	29.01333	13.85538	15.15796	31.09141	2
1988.715	1989.613	1345.113	56.90217	105.4235	54.88737	54.36822	77.75221	0	22.24779	3.82753	18.42026	32.36909	2
1988.72	1989.619	1345.119	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1989.005	1989.914	1345.414	138.8044	41.31379	138.8662	138.8044	1.473189	80.80864	17.71817	17.71817	0	-9999	-9999
1989.01	1989.919	1345.419	123.1557	63.468	122.9579	121.8949	12.87024	49.64749	37.48227	28.7258	8.756473	24.59744	-9999
1989.015	1989.924	1345.424	125.8998	46.9211	125.7514	125.7762	13.96685	57.59741	28.43574	7.292906	21.14283	22.84722	-9999
1989.02	1989.929	1345.429	118.199	89.56414	117.7664	115.01	12.93521	35.78294	51.28184	39.70399	11.57786	27.15282	-9999
1989.025	1989.934	1345.434	108.1003	20.88608	107.7171	107.1362	38.46294	16.68078	44.85628	13.83655	31.01973	29.17381	-9999
1989.03	1989.94	1345.44	112.1176	39.86231	111.3759	109.9915	32.95291	18.78683	48.26026	17.01128	31.24898	28.68217	-9999
1989.035	1989.945	1345.445	108.4093	48.67815	107.5935	106.4563	34.80581	14.56403	50.63016	33.06684	17.56332	29.16678	-9999
1989.04	1989.95	1345.45	111.8209	67.73078	111.9074	111.8827	20.06335	30.33645	49.60019	19.61928	29.98091	27.139	-9999
1989.045	1989.955	1345.455	108.261	52.20755	106.8642	104.7258	38.59056	8.999965	52.40948	23.83485	28.57463	30.13334	-9999
1989.05	1989.96	1345.46	108.7184	55.21747	107.4946	106.8642	36.10026	11.2222	52.67754	20.58781	32.08973	29.46258	-9999
1989.055	1989.965	1345.465	113.6874	78.25785	112.7109	111.6231	24.03708	20.30763	55.65529	33.94777	21.70752	28.26848	-9999
1989.06	1989.971	1345.471	119.7441	53.39929	119.4227	118.0013	19.40346	38.3686	42.22794	21.88585	20.34208	26.01083	-9999
1989.065	1989.976	1345.476	119.0519	113.7963	119.1014	118.8665	2.550349	47.49511	49.95454	49.95454	0	-9999	-9999
1989.07	1989.981	1345.481	133.5263	116.8062	134.0084	130.6463	0	100	0	0	0	-9999	9
1989.075	1989.986	1345.486	131.5733	98.93002	131.9194	129.4102	0	97.99724	2.002756	2.002756	0	-9999	9
1989.08	1989.991	1345.491	140.6956	61.97068	140.7697	142.3272	0	100	0	0	0	-9999	9
1989.085	1989.997	1345.497	130.5721	122.3065	131.1531	131.6599	0	100	0	0	0	-9999	9
1989.09	1990.002	1345.502	117.0371	139.6174	117.7541	117	0	55.52071	44.47929	44.47929	0	-9999	9
1989.095	1990.007	1345.507	114.5032	90.96978	114.3301	113.8233	13.98353	33.10737	52.9091	27.40577	25.50333	27.1691	9
1989.1	1990.012	1345.512	133.4151	62.97908	133.3533	132.9454	2.496152	90.27324	7.23061	7.23061	0	-9999	9
1989.105	1990.017	1345.517	137.8402	88.70853	137.7414	135.6771	0	100	0	0	0	-9999	9
1989.11	1990.022	1345.522	123.613	116.7909	124.4165	124.8738	0	77.03319	22.96681	22.96681	0	-9999	9
1989.115	1990.028	1345.528	114.1324	190.6943	114.9852	112.921	0	53.60817	46.39183	46.39183	0	-9999	9
1989.12	1990.033	1345.533	112.8345	115.263	111.2276	107.1115	20.75206	14.19591	65.05203	47.41168	17.64035	29.55494	9
1989.125	1990.038	1345.538	106.8272	60.99284	106.6788	106.8148	28.10829	20.17386	51.71786	29.11511	22.60274	28.14911	9
1989.13	1990.043	1345.543	109.9792	41.64992	110.1028	109.7196	27.78194	26.02381	46.19425	23.15968	23.03457	27.634	9
1989.135	1990.048	1345.548	103.8729	51.0922	103.6505	103.2673	33.7969	15.59458	50.60852	28.54481	22.06371	28.85092	9
1989.14	1990.053	1345.553	96.2093	73.00195	94.62712	92.3033	46.08282	3.334311	50.58287	25.66737	24.9155	30.67445	9
1989.145	1990.059	1345.559	90.95598	41.84855	90.32559	88.44676	51.07872	3.654969	45.26631	31.78239	13.48392	31.2602	9
1989.15	1990.064	1345.564	93.972	65.10283	91.84596	90.47392	54.26773	0	45.73227	16.26901	29.46326	31.24944	9
1989.155	1990.069	1345.569	100.1647	62.55128	99.44781	98.11285	38.26719	9.641392	52.09142	27.17494	24.91648	29.62677	9
1989.16	1990.074	1345.574	98.03868	52.84926	97.3094	96.5554	42.66683	7.559592	49.77357	27.66235	22.11122	30.02561	9
1989.165	1990.079	1345.579	107.1485	60.35113	107.371	108.4588	25.09404	24.13841	50.76754	23.23148	27.53606	27.59463	9
1989.17	1990.085	1345.585	106.8272	86.67645	107.1733	107.2474	18.06103	26.66959	55.26938	32.01582	23.25356	27.7284	9
1989.175	1990.09	1345.59	104.8124	71.84077	104.5652	102.5998	28.10307	17.75223	54.1447	26.6671	27.47759	28.73036	9
1989.18	1990.095	1345.595	109.1633	68.67806	108.9779	108.3228	24.38657	23.27726	52.33617	26.24948	26.08669	27.95158	9
1989.185	1990.1	1345.6	102.8841	67.10435	102.9212	103.2549	28.82	17.73669	53.44332	36.66541	16.7779	28.33106	9
1989.19	1990.105	1345.605	105.0967	75.58406	104.5899	103.6875	28.94735	16.06524	54.98741	25.94147	29.04594	28.67802	9
1989.195	1990.11	1345.61	114.6021	151.0153	113.675	113.6132	5.205064	26.96277	67.83217	58.5039	9.328265	-9999	9
1989.2	1990.116	1345.616	109.0521	98.62445	108.3352	106.1844	21.3611	19.58443	59.05447	31.49673	27.55774	28.61654	9
1989.205	1990.121	1345.621	111.0916	91.42815	109.7567	106.9384	26.01603	14.38087	59.6031	30.26132	29.34178	29.19948	9
1989.21	1990.126	1345.626	124.2434	191.0457	125.4919	128.5821	0	95.2399	4.760099	4.760099	0	-9999	9
1989.215	1990.131	1345.631	115.3684	83.48319	114.7751	119.1014	18.25631	28.09156	53.65214	42.12241	11.52973	26.52971	9
1989.22	1990.136	1345.636	119.0148	110.3585	120.0408	119.9543	0	64.85837	35.14163	35.14163	0	-9999	9
1989.225	1990.141	1345.641	100.9558	160.4576	99.69502	92.31567	18.06106	13.09255	68.84639	45.5493	23.29709	29.88772	9
1989.23	1990.147	1345.647	83.79912	34.66752	82.82262	81.56183	62.08313	0	37.91687	17.7431	20.17377	32.2051	9
1989.235	1990.152	1345.652	80.6595	18.31924	80.05382	79.47287	66.05399	0	33.94601	9.892747	24.05326	31.75278	9
1989.24	1990.157	1345.657	83.10692	43.83478	82.50124	79.06496	57.6276	0.992905	41.37949	20.14371	21.23579	32.22059	9
1989.245	1990.162	1345.662	84.14522	55.15635	82.90915	79.97966	58.81813	0.222384	40.95949	26.84095	14.11854	32.23164	9
1989.25	1990.167	1345.667	83.10692	59.11355	81.89557	78.60761	58.62413	0.329942	41.04593	18.63587	22.41006	32.12151	9
1989.255	1990.173	1345.673	89.06479	76.1341	88.37259	85.24533	45.0005	4.936759	50.06275	26.13687	23.92588	30.18095	9
1989.26	1990.178	1345.678	88.05121	121.1759	86.75334	83.78676	39.72686	5.431665	54.84148	29.40804	25.43343	29.0435	9
1989.265	1990.183	1345.683	83.67551	88.0057	82.20459	80.05382	53.12083	1.67426	45.20491	23.48068	21.72423	30.54531	9

1989.27	1990.188	1345.688	81.77196	44.20148	81.52475	80.85727	55.98895	1.588895	42.42215	14.24133	28.18083	31.34314	9
1989.275	1990.193	1345.693	83.79912	46.82942	82.83498	81.4753	59.04415	0.363079	40.59277	25.73197	14.8608	32.09553	9
1989.28	1990.198	1345.698	81.01796	41.28323	79.95493	79.04024	63.71137	0	36.28863	15.66451	20.62413	31.57472	9
1989.285	1990.204	1345.704	85.29477	41.51241	85.33185	86.27127	51.19542	3.603147	45.20143	29.40231	15.79912	30.5046	9
1989.29	1990.209	1345.709	90.9189	74.52983	90.95598	90.52336	38.031	8.689766	53.27923	21.26854	32.01069	29.0981	9
1989.295	1990.214	1345.714	94.92378	65.57647	94.97322	92.92134	36.41743	10.73569	52.84687	23.28573	29.56115	29.41112	9
1989.3	1990.219	1345.719	93.26744	70.00731	93.46521	91.66055	35.71945	10.62357	53.65697	33.57439	20.08258	29.25858	9
1989.305	1990.224	1345.724	97.76675	72.55887	97.50717	98.16229	34.50705	11.51989	53.97306	19.60005	34.37301	28.78484	9
1989.31	1990.229	1345.729	98.9163	97.55493	99.41073	99.06462	21.55689	18.96662	59.47649	27.52088	31.95561	28.3211	9
1989.315	1990.235	1345.735	104.182	84.98051	104.0089	102.674	24.92845	18.60679	56.46476	27.62345	28.84132	28.50088	9
1989.32	1990.24	1345.74	98.90394	170.3583	97.91508	95.61598	15.44533	14.41805	70.13661	54.23705	15.89956	28.90693	9
1989.325	1990.245	1345.745	82.93387	65.01116	82.36528	81.28989	52.37474	2.474825	45.15043	18.62771	26.52272	30.56827	9
1989.33	1990.25	1345.75	91.8336	72.69638	91.75943	91.90776	38.49534	8.608297	52.89636	34.8174	18.07896	29.07127	9
1989.335	1990.255	1345.755	87.58151	112.4059	86.8275	82.94623	38.06632	6.609478	55.3242	32.88137	22.44283	29.18159	9
1989.34	1990.261	1345.761	81.72252	32.03958	81.93265	83.09456	55.43318	1.999751	42.56707	26.4686	16.09847	31.11716	9
1989.345	1990.266	1345.766	80.07854	29.06022	79.85605	79.75716	61.01949	0.092077	38.88843	24.65128	14.23715	32.33016	9
1989.35	1990.271	1345.771	81.45058	69.62534	80.56061	78.22443	55.11342	1.51623	43.37035	15.91528	27.45507	31.04409	9
1989.355	1990.276	1345.776	80.10326	74.17842	80.32576	82.00682	46.6295	4.266094	49.10441	20.55048	28.55393	29.05282	9
1989.36	1990.281	1345.781	81.96973	83.46791	81.59891	80.77074	47.26248	3.968433	48.76909	31.0607	17.70838	29.51259	9
1989.365	1990.286	1345.786	87.58151	75.26321	87.97705	90.82002	38.14586	8.274074	53.58007	29.61566	23.96441	28.40048	9
1989.37	1990.292	1345.792	83.99689	52.11588	84.34299	85.57907	47.42854	4.720724	47.85074	28.26147	19.58927	29.74741	9
1989.375	1990.297	1345.797	82.21695	23.14733	82.15514	82.15514	59.23773	0.831476	39.93079	16.10554	23.82526	32.1799	9
1989.38	1990.302	1345.802	81.61127	35.87455	82.30347	83.55191	50.87143	3.554494	45.57407	25.81702	19.75705	30.35107	9
1989.385	1990.307	1345.807	80.86963	50.92413	81.04268	81.28989	51.93516	2.849282	45.21556	23.05205	22.16351	30.39436	9
1989.39	1990.312	1345.812	81.96973	88.66269	83.0822	83.66315	34.50986	8.498732	56.9914	26.08478	30.90662	28.32585	9
1989.395	1990.317	1345.817	80.53589	46.60024	80.75838	80.88199	52.9054	2.5633	44.5313	27.62404	16.90726	30.61452	9
1989.4	1990.323	1345.823	77.53223	23.48347	77.64348	76.93892	62.12519	0	37.87481	18.93765	18.93716	32.2427	9
1989.405	1990.328	1345.828	76.22199	30.23668	76.29616	76.18491	61.98372	0	38.01628	9.921031	28.09525	31.88592	9
1989.41	1990.333	1345.833	75.38146	43.55977	75.15897	74.55329	61.83191	0	38.16809	13.55589	24.6122	31.73189	9
1989.415	1990.338	1345.838	76.59282	47.82254	76.17255	76.37032	61.21861	0	38.78139	11.1525	27.6289	31.69977	9
1989.42	1990.343	1345.843	79.79424	34.42306	79.97966	80.57297	56.82198	1.378389	41.79963	29.45725	12.34239	31.32292	9
1989.425	1990.349	1345.849	77.89069	40.91654	78.37276	77.9525	54.70273	1.85649	43.44078	27.73194	15.70884	30.96389	9
1989.43	1990.354	1345.854	79.58411	37.37187	79.25037	79.69536	60.32511	0.234133	39.44076	12.78617	26.65459	31.91316	9
1989.435	1990.359	1345.859	86.25891	59.18995	85.3813	83.94745	53.11933	2.161394	44.71927	30.15357	14.56571	31.03615	9
1989.44	1990.364	1345.864	86.85222	61.75678	86.81514	87.32193	45.4382	5.420588	49.14121	32.04136	17.09985	29.62745	9
1989.445	1990.369	1345.869	86.59265	74.20898	86.86458	89.21312	40.26869	7.224952	52.50636	28.99008	23.51628	28.6278	9
1989.45	1990.374	1345.874	72.43961	103.8498	70.05399	69.25054	66.71248	0	33.28752	5.438124	27.8494	31.08966	9
1989.455	1990.38	1345.88	68.78083	51.65751	68.01447	66.92672	70.15985	0	29.84015	14.83521	15.00494	30.79234	9
1989.46	1990.385	1345.885	70.90688	105.2554	70.27648	68.54598	54.17944	2.345222	43.47534	27.28674	16.1886	29.35261	9
1989.465	1990.39	1345.89	77.90305	185.7134	77.42098	72.39017	27.12257	9.458776	63.41865	41.49374	21.92491	27.50349	9
1989.47	1990.395	1345.895	73.76221	84.44575	73.45319	71.47547	54.09779	2.013772	43.88844	27.82165	16.06679	30.04409	9
1989.475	1990.4	1345.9	74.60274	83.95683	74.44205	77.09961	52.29327	2.446412	45.26031	31.59724	13.66308	29.0166	9
1989.48	1990.405	1345.905	75.72756	62.00124	76.23435	76.07366	51.39872	2.603707	45.99757	31.12096	14.87661	29.94772	9
1989.485	1990.411	1345.911	78.06374	89.33496	78.65706	81.3517	41.96411	5.446347	52.58955	21.7498	30.83975	28.11474	9
1989.49	1990.416	1345.916	73.7004	62.76518	72.58794	69.75733	65.62807	0	34.37193	7.729016	26.64292	31.45032	9
1989.495	1990.421	1345.921	64.71415	38.74696	64.41749	64.70179	73.38531	0	26.61469	15.67618	10.93851	30.20102	9
1989.5	1990.426	1345.926	64.30625	48.93789	63.62641	62.41506	74.26404	0	25.73596	11.19035	14.54561	30.69665	9
1989.505	1990.431	1345.931	65.34455	59.67887	64.67707	63.68821	70.61369	0	29.38631	17.64647	11.73984	30.75302	9
1989.51	1990.437	1345.937	66.64243	107.0278	64.92428	62.08132	66.10385	0.5243	33.37185	22.45577	10.91609	31.17678	9
1989.515	1990.442	1345.942	68.39765	98.50222	68.05155	67.86614	55.9189	1.896538	42.18456	13.57218	28.61238	29.29137	9
1989.52	1990.447	1345.947	69.57192	91.01562	69.29998	64.56582	56.07556	1.696233	42.22821	13.03814	29.19007	30.40893	9
1989.525	1990.452	1345.952	76.11075	86.05002	76.13547	73.60152	48.96242	3.343239	47.69434	18.56255	29.13179	29.6357	9
1989.53	1990.457	1345.957	75.3691	49.3657	75.49271	74.82523	57.75597	0.862884	41.38115	11.06196	30.31919	31.19147	9
1989.535	1990.462	1345.962	74.98592	50.64912	75.15897	75.35674	57.41473	0.941708	41.64356	26.38931	15.25425	30.92867	9
1989.54	1990.468	1345.968	71.75977	65.80565	72.41489	74.56566	52.97887	1.958928	45.0622	18.79781	26.26439	29.43615	9
1989.545	1990.473	1345.973	67.90322	60.54976	67.5942	64.68943	65.27089	0	34.72911	11.05357	23.67554	31.30084	9
1989.55	1990.478	1345.978	67.13686	84.58326	68.39765	70.21468	47.99379	2.924838	49.08138	19.10365	29.97772	28.30699	9
1989.555	1990.483	1345.983	64.15792	116.2409	64.68943	62.39033	48.72521	3.47429	47.8005	16.45324	31.34726	28.17932	9
1989.56	1990.488	1345.988	62.14312	132.2989	60.20249	52.25454	65.85193	1.759854	32.38822	20.31488	12.07334	31.05261	1
1989.565	1990.493	1345.993	57.0505	75.55351	55.60429	51.78483	80.43769	0	19.56231	4.572493	14.98982	32.35041	1
1989.57	1990.499	1345.999	62.14312	122.933	58.87989	56.18525	78.36861	0	21.63139	18.52121	3.11018	33.22462	1
1989.575	1990.504	1346.004	66.61771	172.9709	64.73887	56.79092	51.41369	4.785348	43.80096	19.73813	24.06283	28.20983	1
1989.58	1990.509	1346.009	55.53013	62.536	53.72546	52.58828	87.76474	0	12.23526	12.23526	0	32.75464	1
1989.585	1990.514	1346.014	50.09141	26.79896	49.44865	47.05067	92.41193	0	7.588068	3.561365	4.026703	32.50969	1
1989.59	1990.519	1346.019	54.25697	66.82933	53.13215	50.38806	82.62829	0	17.37171	13.28685	4.084854	32.12427	1
1989.595	1990.525	1346.025	54.61543	91.81012	52.89729	46.08653	80.85135	0	19.14865	19.14865	0	33.49779	1
1989.6	1990.53	1346.03	51.33984	57.55512	50.27682	47.65634	87.07743	0	12.92257	12.92257	0	32.53857	1
1989.605	1990.535	1346.035	49.5599	64.95004	47.82939	45.08531	92.09838	0	7.901621	6.955942	0.945679	34.07476	1
1989.61	1990.54	1346.04	62.0566	100.4121	61.25315	60.05416	64.83493	0.688968	34.4761	13.10758	21.36852	30.4457	1
1989.615	1990.545	1346.045	59.65861	83.68181	58.69448	57.56965	72.33514	0	27.66486	9.928506	17.73635	31.20533	1
1989.62	1990.55	1346.05	54.08392	70.32817	53.92323	53.20631	74.46872	0	25.53128	20.90668	4.6246	30.58039	1
1989.625	1990.556	1346.056	52.76133	54.37713	52.13093	50.51167	83.18589	0	16.81411	16.81411	0	31.47253	1
1989.63	1990.561	1346.061	46.2225	73.65894	44.38075	41.40181	93.92339	0	6.076607	6.076607	0	34.91445	1

1989.635	1990.566	1346.066	40.26463	13.13974	40.1781	40.586	100	0	0	0	0	33.02819	1
1989.64	1990.571	1346.071	43.81216	16.14966	43.54022	43.15704	97.8921	0	2.107896	2.107896	0	32.88377	1
1989.645	1990.576	1346.076	48.96658	52.45201	47.8912	47.53274	90.59158	0	9.408418	9.408418	0	32.66117	1
1989.65	1990.581	1346.081	63.52752	129.4876	64.71415	60.35081	41.02231	5.007993	53.9697	28.62783	25.34187	27.74775	9
1989.655	1990.587	1346.087	57.79214	89.77804	57.00106	57.0505	71.23587	0	28.76413	24.23998	4.524158	30.99563	9
1989.66	1990.592	1346.092	53.84907	87.0737	52.79841	50.95666	77.52965	0	22.47035	18.84923	3.621118	31.82482	9
1989.665	1990.597	1346.097	56.30886	69.7323	55.43124	52.47703	78.12213	0	21.87787	16.38855	5.489325	31.61172	9
1989.67	1990.602	1346.102	59.67097	110.496	58.91697	55.76498	64.2062	1.197871	34.59593	9.86673	24.7292	30.24676	9
1989.675	1990.607	1346.107	66.01203	84.17073	65.96259	67.13686	59.2828	0.929765	39.78744	21.53832	18.24911	29.73123	9
1989.68	1990.613	1346.113	67.52004	76.19522	67.8167	69.70789	57.14323	1.113416	41.74336	26.30964	15.43371	29.5648	9
1989.685	1990.618	1346.118	65.78954	83.80404	66.08619	68.43473	56.89395	1.297929	41.80812	19.51733	22.29079	29.15226	9
1989.69	1990.623	1346.123	68.44709	92.7574	68.37293	66.59298	55.15616	1.89527	42.94857	20.85787	22.09071	29.62285	9
1989.695	1990.628	1346.128	79.72008	117.4173	80.3134	79.01552	33.64434	7.982246	58.37341	26.59722	31.77619	28.09335	9
1989.7	1990.633	1346.133	94.98558	132.6044	94.37991	98.9163	25.21698	11.87907	62.90395	39.79142	23.11254	27.38258	9
1989.705	1990.638	1346.138	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1990.005	1990.949	1346.449	123.0939	144.6899	123.1681	124.5277	0	60.82523	39.17477	39.17477	0	-9999	-9999
1990.01	1990.953	1346.453	117.5439	201.7714	118.0754	117.1237	0	57.97157	42.02843	42.02843	0	-9999	-9999
1990.015	1990.958	1346.458	112.8221	190.0373	112.5996	108.0509	0	36.34231	63.65769	63.65769	0	-9999	-9999
1990.02	1990.963	1346.463	112.8468	131.1071	113.0446	110.3376	2.920257	37.84243	59.23731	59.23731	0	-9999	-9999
1990.025	1990.968	1346.468	114.1818	165.1635	115.5291	104.5652	0	59.23721	40.76279	40.76279	0	-9999	-9999
1990.03	1990.972	1346.472	113.2918	127.3333	112.3277	108.4588	12.42894	23.32524	64.24583	48.19751	16.04832	29.04739	-9999
1990.035	1990.977	1346.477	114.6762	195.0488	114.2189	111.2029	0	36.46551	63.53449	63.53449	0	-9999	-9999
1990.04	1990.982	1346.482	118.0383	316.3011	114.6021	108.8049	0	4.9678	95.0322	95.0322	0	-9999	-9999
1990.045	1990.987	1346.487	119.6576	214.193	115.6156	111.3512	9.405471	0	90.59453	65.47969	25.11484	17.25439	-9999
1990.05	1990.992	1346.492	114.5773	106.2486	112.2535	109.9668	26.88628	5.724169	67.38955	42.56987	24.81968	30.06849	-9999
1990.055	1990.996	1346.496	113.811	129.7779	113.9717	107.3463	2.642317	39.07125	58.28644	58.28644	0	-9999	-9999
1990.06	1991.001	1346.501	107.0126	123.8497	106.2833	99.88043	17.22875	19.14294	63.62831	38.63598	24.99234	29.57639	-9999
1990.065	1991.006	1346.506	109.9421	113.7963	109.8679	103.428	11.88938	28.6183	59.49233	38.64889	20.84343	29.08696	-9999
1990.07	1991.011	1346.511	110.0286	99.77035	109.46	106.3327	19.03587	22.32446	58.63967	32.16784	26.47183	28.60596	-9999
1990.075	1991.015	1346.515	113.2795	184.2772	111.5366	110.5725	4.694994	17.52402	77.78098	74.70935	3.071633	-9999	-9999
1990.08	1991.02	1346.52	105.6529	116.0422	105.3562	103.7123	17.01621	21.19224	61.79155	44.09274	17.69881	28.54283	-9999
1990.085	1991.025	1346.525	106.6912	162.6883	105.5293	102.6245	11.47832	17.53715	70.98453	61.58591	9.398621	29.44831	-9999
1990.09	1991.03	1346.53	105.0472	289.3646	101.0053	90.39975	4.655513	2.749098	92.59539	73.49658	19.09881	-9999	-9999
1990.095	1991.035	1346.535	103.3291	152.6502	101.4255	99.37364	22.74844	9.079993	68.17157	50.31231	17.85925	29.12545	-9999
1990.1	1991.039	1346.539	114.0706	203.6507	113.5514	112.0805	0	35.28217	64.71783	64.71783	0	-9999	-9999
1990.105	1991.044	1346.544	119.707	74.77429	119.7565	120.8195	11.39096	46.45325	42.15579	26.23424	15.92155	25.11329	9
1990.11	1991.049	1346.549	128.0629	49.88518	128.0629	127.6797	10.10992	69.02363	20.86645	1.065149	19.8013	21.34589	9
1990.115	1991.054	1346.554	124.0704	83.49847	123.2793	123.5883	11.77954	40.3587	47.86176	38.44201	9.419747	25.6155	9
1990.12	1991.059	1346.559	121.2274	69.57951	121.0173	121.2151	13.26106	44.91439	41.82455	24.80884	17.01571	25.15191	9
1990.125	1991.063	1346.563	124.367	64.36945	123.7614	121.7218	14.6989	43.8305	41.4706	31.01959	10.45101	25.26723	9
1990.13	1991.068	1346.568	126.4436	102.2302	125.6278	124.0951	5.254644	46.39881	48.34655	41.51487	6.83168	-9999	9
1990.135	1991.073	1346.573	132.0554	75.53823	132.2903	131.3756	0	95.02228	4.97772	4.97772	0	-9999	9
1990.14	1991.078	1346.578	133.4027	112.1309	135.2074	136.0232	0	100	0	0	0	-9999	9
1990.145	1991.082	1346.582	127.7168	85.17913	128.0876	130.7699	0	80.33633	19.66367	19.66367	0	-9999	9
1990.15	1991.087	1346.587	131.9689	64.70558	132.0431	132.1543	2.355095	88.41297	9.23193	9.23193	0	-9999	9
1990.155	1991.092	1346.592	134.6635	65.66814	135.195	135.3681	0	100	0	0	0	-9999	9
1990.16	1991.097	1346.597	136.7772	58.18155	136.9873	138.0627	0	100	0	0	0	-9999	9
1990.165	1991.102	1346.602	143.5509	85.66805	141.7833	141.2394	0.900287	55.86695	43.23276	43.23276	0	-9999	9
1990.17	1991.106	1346.606	111.7962	137.7839	111.722	111.277	4.37858	33.04837	62.57305	60.234	2.339051	-9999	9
1990.175	1991.111	1346.611	118.953	158.8381	117.0989	114.1571	6.493739	18.31213	75.19413	66.06781	9.126322	-9999	9
1990.18	1991.116	1346.616	115.183	80.74829	115.1459	116.1472	14.77792	35.59495	49.62712	32.81663	16.81049	26.49255	9
1990.185	1991.121	1346.621	114.8987	100.2746	115.1954	117.2102	7.727638	41.1945	51.07787	45.9295	5.148366	-9999	9
1990.19	1991.126	1346.626	113.2053	123.4066	113.6132	116.9012	2.825467	40.80423	56.3703	56.3703	0	-9999	9
1990.195	1991.13	1346.63	115.0965	140.3966	116.7528	121.6971	0	65.01748	34.98252	34.98252	0	-9999	9
1990.2	1991.135	1346.635	118.8789	133.9642	120.7577	125.9245	0	82.06687	17.93313	17.93313	0	-9999	9
1990.205	1991.14	1346.64	114.7009	101.2066	115.2943	116.0112	5.384947	45.14951	49.46554	49.46554	0	-9999	9
1990.21	1991.145	1346.645	112.0681	79.78573	112.4266	113.2918	14.81112	34.99497	50.19392	32.25261	17.94131	26.74835	8
1990.215	1991.149	1346.649	107.9891	92.29904	108.6071	110.1398	13.5239	31.60241	54.87369	42.64464	12.22905	27.25492	8
1990.22	1991.154	1346.654	105.5664	67.54743	106.0361	108.3475	22.89223	24.75289	52.35489	28.40568	23.94921	27.35993	8
1990.225	1991.159	1346.659	104.0336	71.77965	104.4539	103.7864	23.66132	22.53728	53.80139	38.15707	15.64432	28.10521	8
1990.23	1991.164	1346.664	100.3131	116.5923	101.5368	104.5899	10.01288	26.99409	62.99303	50.13746	12.85557	27.91056	8
1990.235	1991.169	1346.669	97.50717	118.8994	97.48245	94.97322	21.71134	15.86171	62.42695	44.61237	17.81458	28.75666	8
1990.24	1991.173	1346.673	96.38235	98.76196	95.99916	95.66542	30.39751	11.61918	57.98331	37.20786	20.77544	28.5994	8
1990.245	1991.178	1346.678	98.84213	88.78492	99.13879	99.91752	25.28019	17.00233	57.71747	38.74252	18.97495	28.18174	8
1990.25	1991.183	1346.683	96.56776	97.08129	95.5789	91.30209	35.32764	8.268107	56.40425	33.70035	22.7039	29.68421	8
1990.255	1991.188	1346.688	92.57524	85.39303	91.5493	90.44919	42.1167	5.555364	52.32793	28.78674	23.54119	29.5863	8
1990.26	1991.192	1346.692	95.36877	73.36864	94.29338	92.9337	42.83975	5.658133	51.50212	20.71403	30.78809	29.9658	8
1990.265	1991.197	1346.697	94.56532	88.54046	93.63826	93.14383	38.75779	7.071847	54.17036	35.36129	18.80907	29.22124	8
1990.27	1991.202	1346.702	92.62468	94.45334	91.33917	90.18962	41.89033	5.031964	53.0777	33.11472	19.96299	29.50172	8
1990.275	1991.207	1346.707	94.29338	161.9397	91.53694	85.99933	35.42312	3.356109	61.22077	33.73253	27.48824	29.37548	8
1990.28	1991.212	1346.712	88.44676	146.7067	87.79164	85.851	28.20313	9.600205	62.19667	35.51528	26.68139	28.14292	8
1990.285	1991.216	1346.716	88.4344	128.525	88.13774	87.92761	29.8364	9.705563	60.45803	43.53139	16.92664	28.04316	8
1990.29	1991.221	1346.721	88.68161	87.31816	88.66925	86.85222	37.37772	8.127678	54.4946	22.26146	32.23315	29.09939	8

1990.295	1991.226	1346.726	92.29094	80.47327	91.74707	89.75699	39.83281	7.260945	52.90625	22.68612	30.22012	29.53772	8
1990.3	1991.231	1346.731	88.18718	115.1866	89.1266	87.30957	23.71216	13.43524	62.8526	45.24769	17.60491	28.5302	8
1990.305	1991.236	1346.736	83.7744	189.747	82.61249	75.07245	26.01357	9.436002	64.55043	39.04203	25.5084	28.31208	8
1990.31	1991.24	1346.74	84.21939	164.2162	82.58777	77.90305	35.42287	6.461231	58.1159	26.37999	31.73591	28.20729	8
1990.315	1991.245	1346.745	85.19588	87.01258	83.7744	80.58533	51.57924	2.051593	46.36916	20.26727	26.1019	30.63348	8
1990.32	1991.25	1346.75	84.4048	70.98516	83.88565	82.67429	49.1926	3.492879	47.31452	18.80846	28.50606	30.13928	8
1990.325	1991.255	1346.755	83.53955	56.92869	83.57663	82.34056	49.07949	3.904277	47.01624	26.86157	20.15467	30.30402	8
1990.33	1991.259	1346.759	84.62729	59.0066	84.97339	85.45546	45.18102	5.480542	49.33844	32.87126	16.46718	29.55042	8
1990.335	1991.264	1346.764	85.57907	78.94539	85.70267	85.31949	41.20452	6.543629	52.25185	33.26173	18.99013	29.09841	8
1990.34	1991.269	1346.769	84.49132	124.7511	85.22061	86.24655	26.42626	11.08878	62.48496	42.28859	20.19637	27.74932	8
1990.345	1991.274	1346.774	85.81392	85.75972	85.81392	85.36893	40.29734	6.696889	53.00577	25.9913	27.01447	28.95582	8
1990.35	1991.279	1346.779	83.35414	93.50606	82.66193	80.74602	46.05029	4.172522	49.77719	28.66775	21.10944	29.48966	8
1990.355	1991.283	1346.783	82.85971	101.9858	82.88443	82.14278	38.89692	6.640412	54.46267	30.7981	23.66457	28.55011	8
1990.36	1991.288	1346.788	82.11806	85.43887	82.85971	83.73732	38.02744	7.277244	54.69532	26.75293	27.94239	28.44566	8
1990.365	1991.293	1346.793	86.60501	108.0362	85.07228	84.00925	46.0573	3.415416	50.52728	30.00449	20.52279	29.33334	8
1990.37	1991.298	1346.798	89.44798	140.2438	88.22426	94.72601	33.25263	7.378549	59.36882	33.71047	25.65834	26.80357	8
1990.375	1991.303	1346.803	87.77928	131.1529	87.12416	84.33063	32.58122	8.297667	59.12111	34.55545	24.56566	28.50489	8
1990.38	1991.307	1346.807	88.40967	79.0829	88.54564	86.62973	38.47128	8.001365	53.52735	24.21382	29.31353	29.27346	8
1990.385	1991.312	1346.812	87.68039	80.07602	87.49498	85.97461	41.39258	6.505567	52.10186	21.38944	30.71241	29.39397	8
1990.39	1991.317	1346.817	91.70999	106.8597	93.81131	97.68022	13.4815	21.14728	65.37122	38.02844	27.34278	28.00979	8
1990.395	1991.322	1346.822	89.84352	159.9687	92.38983	94.62712	0	24.82684	75.17316	75.17316	0	-9999	8
1990.4	1991.326	1346.826	85.24533	260.1057	89.9424	90.06601	0	35.4626	64.5374	64.5374	0	-9999	8
1990.405	1991.331	1346.831	80.0291	277.4777	77.19849	73.3543	21.16083	10.77625	68.06292	50.1372	17.92572	25.99597	8
1990.41	1991.336	1346.836	73.87345	238.3946	70.84508	62.71171	37.81486	7.810675	54.37446	36.28419	18.09027	26.47632	8
1990.415	1991.341	1346.841	68.27404	115.6908	66.69187	65.61649	61.45255	1.394122	37.15333	11.10186	26.05148	29.87951	8
1990.42	1991.346	1346.846	67.82906	71.00043	67.02561	66.64243	66.64188	0	33.35812	9.805478	23.55264	30.90083	8
1990.425	1991.35	1346.85	77.27266	99.54117	76.91419	75.09717	47.59827	3.754052	48.64768	16.87595	31.77173	29.1498	8
1990.43	1991.355	1346.855	78.52109	147.1804	76.37032	73.31722	48.81139	3.374873	47.81373	26.77954	21.03419	28.62693	8
1990.435	1991.36	1346.86	76.3456	137.4631	75.12189	73.52735	45.97975	4.349382	49.67086	27.64984	22.02103	28.12024	8
1990.44	1991.365	1346.865	76.14783	182.7646	73.31722	68.1628	47.65217	4.37491	47.97292	22.55969	25.41324	27.92868	8
1990.445	1991.37	1346.87	73.91054	89.31968	72.68682	72.01934	59.87072	0.747707	39.38158	21.94127	17.44031	30.5818	8
1990.45	1991.374	1346.874	74.40497	77.00499	73.65096	73.50263	58.75576	0.831468	40.41277	24.98716	15.42561	30.60336	8
1990.455	1991.379	1346.879	75.35674	91.82539	73.81165	70.68439	60.42451	0.524878	39.05061	11.76538	27.28523	31.18785	8
1990.46	1991.384	1346.884	75.77701	71.68798	74.97356	74.41733	59.16338	0.634104	40.20252	24.8403	15.36222	30.95466	8
1990.465	1991.389	1346.889	76.77823	57.81486	75.95006	74.24428	61.79115	0	38.20885	8.396241	29.81261	31.78424	8
1990.47	1991.393	1346.893	78.87955	65.7751	78.11319	76.35796	57.45257	0.956323	41.59111	28.82504	12.76607	31.21138	8
1990.475	1991.398	1346.898	78.02666	55.30914	77.86597	77.02544	56.076	1.405106	42.51889	30.0528	12.46609	30.97078	8
1990.48	1991.403	1346.903	78.15027	64.61391	77.28502	75.45563	59.17088	0.499326	40.32979	20.11854	20.21125	31.49617	8
1990.485	1991.408	1346.908	79.78188	80.39688	78.83011	77.87833	54.52089	1.711441	43.76767	22.87029	20.89738	30.37733	8
1990.49	1991.413	1346.913	77.40862	57.0662	77.23557	75.40618	56.31519	1.324134	42.36068	12.54021	29.82047	31.12159	8
1990.495	1991.417	1346.917	74.57802	99.78563	73.93526	69.81913	52.22148	2.606032	45.17249	32.01742	13.15507	29.90659	8
1990.5	1991.422	1346.922	68.38529	90.63365	68.15044	64.8872	56.97231	1.517134	41.51056	16.90299	24.60757	30.18904	8
1990.505	1991.427	1346.927	64.8872	79.1593	63.7871	62.66227	69.67304	0	30.32696	10.24289	20.08407	31.09673	8
1990.51	1991.432	1346.932	63.40391	63.26938	62.24201	60.94413	75.362	0	24.638	18.47422	6.163781	31.05818	8
1990.515	1991.436	1346.936	65.66593	85.04162	64.34333	61.54981	69.25741	0	30.74259	9.655253	21.08734	31.51798	8
1990.52	1991.441	1346.941	69.39887	50.77135	69.17638	68.41001	65.5907	0	34.4093	19.20312	15.20618	30.90078	8
1990.525	1991.446	1346.946	72.24184	76.72997	72.04407	70.62258	56.50159	1.363962	42.13445	29.53075	12.6037	30.34937	8
1990.53	1991.451	1346.951	74.17011	135.6907	75.23313	71.84629	30.68791	8.180085	61.132	34.5008	26.6312	27.9068	8
1990.535	1991.456	1346.956	73.89818	140.473	76.12311	77.05016	20.77599	10.73843	68.48558	53.02112	15.46446	27.55238	8
1990.54	1991.46	1346.96	75.6534	165.0718	77.05016	80.14035	19.62658	11.4195	68.95392	45.17044	23.78348	26.8105	9
1990.545	1991.465	1346.965	76.20963	180.3047	79.23801	81.58655	2.783453	16.46094	80.7556	74.62001	6.135593	-9999	9
1990.55	1991.47	1346.97	70.89452	134.117	68.96624	66.85256	57.26485	2.355861	40.37929	16.70677	23.67252	29.15995	9
1990.555	1991.475	1346.975	70.79563	78.76205	69.5472	66.80312	65.48297	0	34.51703	5.865002	28.65203	31.48897	9
1990.56	1991.48	1346.98	79.95493	101.9399	81.37642	83.40358	30.75549	9.210583	60.03392	32.7985	27.23543	27.74694	9
1990.565	1991.484	1346.984	78.12555	114.6519	79.10204	80.10326	32.81089	8.087569	59.10154	40.30167	18.79987	27.64735	9
1990.57	1991.489	1346.989	79.83133	111.1378	79.57175	80.17743	41.67155	5.465954	52.8625	28.27097	24.59153	28.14929	9
1990.575	1991.494	1346.994	73.58916	92.95602	73.53971	74.14539	50.1858	3.018955	46.79524	15.66353	31.13172	28.88703	9
1990.58	1991.499	1346.999	77.3839	103.5137	78.40984	79.62119	35.80547	7.14612	57.04841	24.6085	32.43991	27.82524	9
1990.585	1991.503	1347.003	76.60518	88.84603	76.51865	79.18857	48.69307	3.435602	47.87133	23.4777	24.39363	28.60777	9
1990.59	1991.508	1347.008	78.45929	129.8848	80.94379	86.60501	17.13041	13.07236	69.79723	42.98352	26.81371	27.30147	9
1990.595	1991.513	1347.013	78.34804	130.3432	78.39748	82.84735	35.99357	7.045288	56.96114	30.07915	26.88199	26.75758	9
1990.6	1991.518	1347.018	77.42098	104.6137	76.14783	78.91663	53.32313	2.19935	44.47752	20.49362	23.98391	28.87267	9
1990.605	1991.523	1347.023	74.54093	67.76134	74.36788	72.78571	56.36524	1.315089	42.31967	25.04923	17.27045	30.69477	9
1990.61	1991.527	1347.027	70.9316	82.322	71.41367	72.90932	51.08497	2.566468	46.34856	17.65859	28.68997	28.908	9
1990.615	1991.532	1347.032	68.9786	75.49239	69.53484	72.13059	53.95972	1.749331	44.29095	21.31845	22.97249	29.09522	9
1990.62	1991.537	1347.037	72.90932	120.2439	72.5385	74.75107	46.69827	4.14324	49.15849	16.40759	32.75089	27.6145	9
1990.625	1991.542	1347.042	75.023	119.8772	75.86353	81.42586	35.45445	6.962618	57.58293	36.34323	21.23971	26.59404	9
1990.63	1991.547	1347.047	79.20093	101.0538	81.32698	84.66437	26.20328	10.62253	63.17419	39.68811	23.48608	27.60808	9
1990.635	1991.551	1347.051	77.51987	104.8735	78.39748	82.0439	36.50085	6.949191	56.54996	30.87098	25.67898	27.36972	9
1990.64	1991.556	1347.056	78.52109	89.04466	80.26395	83.92273	32.7046	8.435091	58.86031	29.59421	29.2661	27.63865	9
1990.645	1991.561	1347.061	81.01796	90.20585	82.81026	86.18474	29.74329	10.04206	60.21465	29.69541	30.51923	27.72055	9
1990.65	1991.566	1347.066	85.14644	59.06772	86.71625	89.41089	35.20484	9.896342	54.89882	34.70441	20.19441	28.42057	9
1990.655	1991.57	1347.07	86.1971	53.91877	87.55678	89.37381	37.1128	9.526586	53.36061	20.96646	32.39415	28.74653	9

1990.66	1991.575	1347.075	86.25891	46.52385	87.71747	90.09073	38.07915	9.434018	52.48684	35.88141	16.60542	28.79293	9
1990.665	1991.58	1347.08	86.09822	30.37419	86.74098	88.63217	48.45771	5.306427	46.23586	31.04335	15.19251	30.11116	9
1990.67	1991.585	1347.085	83.62607	53.88821	84.54077	86.02405	42.93419	6.434227	50.63159	32.05937	18.57222	29.19352	9
1990.675	1991.59	1347.09	79.36162	79.96907	80.80782	80.69658	36.4267	7.490081	56.08322	24.32025	31.76296	28.57921	9
1990.68	1991.594	1347.094	77.34682	55.66055	77.47043	76.55573	54.41312	1.862649	43.72424	12.42454	31.29969	30.68732	9
1990.685	1991.599	1347.099	75.75229	61.64983	75.61632	74.05887	56.44239	1.27317	42.28444	25.4987	16.78574	30.90157	9
1990.69	1991.604	1347.104	78.83011	69.54895	79.60883	82.24167	44.61033	4.854029	50.53564	35.38532	15.15032	28.71173	9
1990.695	1991.609	1347.109	82.68666	58.34961	83.46538	83.0204	43.77254	5.833377	50.39408	17.15094	33.24314	29.53	9
1990.7	1991.613	1347.113	95.26988	97.67716	94.9485	91.49986	31.20452	11.17169	57.62378	39.312	18.31178	29.18173	9
1990.705	1991.618	1347.118	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1991	1991.901	1347.401	142.2283	164.6134	143.9341	148.0873	0	100	0	0	0	-9999	8
1991.005	1991.905	1347.405	137.5312	205.4383	138.2358	141.6473	0	100	0	0	0	-9999	8
1991.01	1991.91	1347.41	140.6461	176.2253	142.3148	145.0836	0	100	0	0	0	-9999	8
1991.015	1991.915	1347.415	127.8899	170.8319	126.6909	124.812	0	44.58106	55.41894	55.41894	0	-9999	8
1991.02	1991.92	1347.42	126.4189	233.1387	126.6538	126.8145	0	81.6109	18.3891	18.3891	0	-9999	8
1991.025	1991.924	1347.424	131.116	244.9645	130.6092	123.3782	0	78.18446	21.81554	21.81554	0	-9999	8
1991.03	1991.929	1347.429	127.0246	176.7753	126.0357	120.8072	0	48.47848	51.52152	51.52152	0	-9999	8
1991.035	1991.934	1347.434	124.5772	98.12025	122.3399	118.644	18.98292	11.22328	69.79381	36.53828	33.25552	29.70605	8
1991.04	1991.939	1347.439	123.885	135.0643	122.377	119.5711	5.027334	28.22308	66.74959	66.74959	0	-9999	8
1991.045	1991.944	1347.444	123.8603	231.9011	124.6637	117.5934	0	85.76267	14.23733	14.23733	0	-9999	8
1991.05	1991.948	1347.448	125.2817	197.8753	125.1087	118.1867	0	65.29575	34.70425	34.70425	0	-9999	8
1991.055	1991.953	1347.453	126.5054	223.8187	128.3843	131.2025	0	100	0	0	0	-9999	8
1991.06	1991.958	1347.458	123.6748	246.5076	124.2558	121.9196	0	80.90244	19.09756	19.09756	0	-9999	8
1991.065	1991.963	1347.463	122.6489	170.6027	120.8442	117.6799	0	23.2245	76.7755	76.7755	0	-9999	8
1991.07	1991.968	1347.468	112.921	163.5898	110.4118	106.0979	15.97047	6.938295	77.09123	56.37101	20.72022	30.55299	8
1991.075	1991.972	1347.472	114.2436	196.1641	111.9569	107.507	5.146372	12.1439	82.70972	81.63893	1.070797	-9999	8
1991.08	1991.977	1347.477	108.2239	125.8359	106.2091	104.5652	25.59639	8.112398	66.29122	44.4777	21.81351	29.42889	8
1991.085	1991.982	1347.482	110.9927	198.1962	107.5935	103.6505	16.26702	0	83.73298	44.91796	38.81502	30.79418	8
1991.09	1991.987	1347.487	106.9631	124.5831	105.3686	104.5281	23.80246	11.26775	64.92979	45.21495	19.71484	28.97102	8
1991.095	1991.991	1347.491	108.4959	166.233	107.7542	105.3192	5.703162	23.32568	70.97116	60.06627	10.90488	-9999	8
1991.1	1991.996	1347.496	109.46	184.155	108.6071	107.6677	1.341194	24.35971	74.29909	74.29909	0	-9999	8
1991.105	1992.001	1347.501	115.2325	211.0609	114.4661	113.539	0	34.05628	65.94372	65.94372	0	-9999	8
1991.11	1992.006	1347.506	93.31688	183.5897	91.49986	80.68422	23.80173	8.884227	67.31405	46.19777	21.11627	29.78693	8
1991.115	1992.011	1347.511	95.97444	117.2187	96.50595	91.64819	19.21737	17.71792	63.06471	36.63956	26.42515	29.19698	8
1991.12	1992.015	1347.515	102.5504	137.677	103.1437	99.34892	7.737657	26.5224	65.73994	51.85807	13.88187	-9999	8
1991.125	1992.02	1347.52	94.67657	157.4935	89.34909	86.14766	56.07206	0	43.92794	23.56477	20.36318	20.75424	8
1991.13	1992.025	1347.525	107.8778	100.5496	108.9656	109.1015	7.989385	36.92538	55.08523	53.99815	1.087088	-9999	8
1991.135	1992.03	1347.53	98.37242	248.6008	97.19815	87.92761	0	18.31002	81.68998	81.68998	0	-9999	8
1991.14	1992.034	1347.534	92.20442	54.07156	91.35153	91.59874	48.69652	4.05973	47.24375	17.99657	29.24718	30.42899	1
1991.145	1992.039	1347.539	93.60118	88.69325	93.04495	91.52458	36.73395	8.421781	54.84427	30.82664	24.01762	29.17291	1
1991.15	1992.044	1347.544	90.00421	54.39241	89.05243	88.75577	51.40943	2.81465	45.77592	15.6521	30.12382	30.82693	1
1991.155	1992.049	1347.549	84.31827	69.50311	83.16872	79.04024	54.51643	1.483403	44.00016	28.52793	15.47223	31.45999	1
1991.16	1992.054	1347.554	81.0056	44.79735	79.13913	77.90305	69.09904	0	30.90096	18.83472	12.06624	30.40199	1
1991.165	1992.058	1347.558	84.77562	42.74999	83.47774	82.11806	61.71948	0	38.28052	12.01568	26.26484	31.84338	1
1991.17	1992.063	1347.563	89.44798	49.51849	89.83116	90.58516	42.75472	7.58059	49.66469	35.76264	13.90205	29.4937	1
1991.175	1992.068	1347.568	88.96591	66.32513	87.43318	86.65445	53.97935	1.116508	44.90415	22.83835	22.06579	31.13859	1
1991.18	1992.073	1347.573	84.73854	62.00124	83.87329	82.51361	53.74194	1.937379	44.32068	25.73717	18.58351	30.96967	1
1991.185	1992.078	1347.578	94.09561	61.54288	93.61354	92.32803	42.27469	7.216748	50.50856	29.98003	20.52853	29.86579	1
1991.19	1992.082	1347.582	93.82367	54.63687	93.37869	91.74707	43.90874	6.782441	49.30882	17.94825	31.36057	30.16382	1
1991.195	1992.087	1347.587	90.2267	51.85614	89.67047	88.48384	48.75305	4.315162	46.93178	15.92564	31.00614	30.61781	8
1991.2	1992.092	1347.592	93.19328	101.3899	91.06723	87.2354	46.20268	1.950828	51.84649	28.61218	23.23431	30.50547	8
1991.205	1992.097	1347.597	97.48245	191.1527	94.87434	92.48872	24.27009	6.180597	69.54932	38.49182	31.0575	28.61603	8
1991.21	1992.101	1347.601	103.5145	188.433	104.3056	110.4736	0	32.85709	67.14291	67.14291	0	-9999	8
1991.215	1992.106	1347.606	105.0967	196.4391	105.9496	110.041	0	36.27987	63.72013	63.72013	0	-9999	8
1991.22	1992.111	1347.611	98.08813	259.7085	94.75073	85.54198	12.7743	6.955725	80.26998	59.93456	20.33541	30.10153	8
1991.225	1992.116	1347.616	88.94119	117.8604	86.30835	82.43944	50.05637	0.704258	49.23938	22.31534	26.92404	30.42882	8
1991.23	1992.121	1347.621	94.91142	95.62981	93.99672	89.50978	36.62796	7.771493	55.60055	27.66049	27.94006	29.73865	8
1991.235	1992.125	1347.625	102.4267	155.2323	104.7135	107.9025	0	41.5525	58.4475	58.4475	0	-9999	8
1991.24	1992.13	1347.63	86.18474	178.6394	84.1205	79.21329	33.47719	6.436719	60.08609	33.35405	26.73204	28.13178	8
1991.245	1992.135	1347.635	87.72983	145.3164	85.90045	79.89313	38.29975	5.164357	56.53589	27.4156	29.12029	29.14676	8
1991.25	1992.14	1347.64	85.13408	94.11721	82.11806	79.50995	62.27442	0	37.72558	7.883387	29.84219	29.37864	8
1991.255	1992.145	1347.645	91.37625	95.88955	90.47392	88.80522	39.72166	6.33187	53.94647	32.24721	21.69926	29.28351	8
1991.26	1992.149	1347.649	101.2154	88.26544	101.2154	99.20059	25.5216	17.19876	57.27964	34.94367	22.33597	28.68787	8
1991.265	1992.154	1347.654	106.5305	84.20129	106.9013	107.5441	18.74135	26.31586	54.94279	35.06688	19.87591	27.61362	8
1991.27	1992.159	1347.659	87.24777	111.3364	86.09822	85.45546	41.69765	5.063057	53.23929	24.2656	28.97369	28.82522	8
1991.275	1992.164	1347.664	78.28624	88.8002	77.29738	76.74114	54.15067	1.888677	43.96065	22.5657	21.39496	29.97756	8
1991.28	1992.168	1347.668	98.89157	242.963	104.0089	100.9558	0	63.11443	36.88557	36.88557	0	-9999	8
1991.285	1992.173	1347.673	82.19223	260.7169	81.4753	71.66088	6.845812	15.06173	78.09246	69.71643	8.376033	-9999	2
1991.29	1992.178	1347.678	90.46156	92.14625	88.74341	86.90167	47.79157	2.496922	49.7115	20.44857	29.26294	30.19619	2
1991.295	1992.183	1347.683	100.5726	208.0663	100.5108	90.65933	0	24.24421	75.75579	75.75579	0	-9999	2
1991.3	1992.188	1347.688	93.98436	228.4329	90.37503	82.09334	26.22597	4.169555	69.60448	49.90491	19.69956	28.98862	2
1991.305	1992.192	1347.692	90.8571	62.79574	89.55922	86.96347	51.27345	2.282064	46.44449	27.3052	19.13929	31.19739	2
1991.31	1992.197	1347.697	93.95964	98.62445	92.85954	90.86946	38.21583	6.652718	55.13145	36.74747	18.38398	29.34352	2

1991.315	1992.202	1347.702	88.80522	153.9794	85.43074	83.97217	47.1884	0.652998	52.15861	21.26594	30.89266	29.09768	2
1991.32	1992.207	1347.707	85.98697	46.09604	85.04756	83.74968	57.01722	0.994628	41.98816	22.23679	19.75136	31.83739	2
1991.325	1992.211	1347.711	90.74585	74.75901	89.74463	87.96469	46.18158	4.257307	49.56111	21.34582	28.21529	30.17188	2
1991.33	1992.216	1347.716	90.14018	162.2758	87.27249	81.87085	40.02489	2.896902	57.07821	29.60169	27.47652	29.17285	2
1991.335	1992.221	1347.721	83.21817	35.79815	82.30347	81.93265	61.86501	0	38.13499	18.39155	19.74344	32.06101	2
1991.34	1992.226	1347.726	88.66925	80.96219	87.48262	81.90793	48.02782	3.286238	48.68594	32.59613	16.0898	30.90994	2
1991.345	1992.231	1347.731	82.81026	105.4999	80.05382	77.06252	59.64602	0	40.35398	24.15215	16.20183	30.51315	2
1991.35	1992.235	1347.735	79.69536	111.3517	76.61754	75.78937	63.58629	0	36.41371	13.07961	23.3341	30.00623	2
1991.355	1992.24	1347.74	81.28989	37.32603	80.69658	79.43578	60.77859	0.061592	39.15982	23.42601	15.73381	32.40014	2
1991.36	1992.245	1347.745	87.48262	138.2728	84.26883	79.16385	50.96083	0.200701	48.83847	14.73217	34.1063	30.32937	2
1991.365	1992.25	1347.75	89.54686	172.0848	86.53084	79.49759	39.34652	3.043484	57.61	27.14188	30.46812	29.22971	2
1991.37	1992.255	1347.755	80.49881	49.35042	79.1144	77.82889	64.72741	0	35.27259	19.0301	16.24249	31.18521	2
1991.375	1992.259	1347.759	80.05382	59.69415	78.19971	73.86109	66.27385	0	33.72615	9.989244	23.7369	31.21817	2
1991.38	1992.264	1347.764	81.24045	61.98596	80.88199	79.26273	53.03626	2.323948	44.63979	23.57223	21.06757	30.7019	2
1991.385	1992.269	1347.769	78.7683	50.61856	77.51987	75.04772	64.95883	0	35.04117	11.1287	23.91247	31.44656	2
1991.39	1992.274	1347.774	77.0378	65.60703	75.07245	73.37903	68.47983	0	31.52017	22.99248	8.527691	30.68668	2
1991.395	1992.278	1347.778	73.08237	29.61025	72.57558	72.95876	69.52616	0	30.47384	15.941	14.53284	30.62061	2
1991.4	1992.283	1347.783	81.6978	33.2466	80.80782	80.27631	63.68964	0	36.31036	11.00713	25.30324	31.74747	2
1991.405	1992.288	1347.788	82.06862	51.24499	81.01796	81.0674	60.23822	0.001288	39.7605	20.14311	19.61739	31.85661	2
1991.41	1992.293	1347.793	81.20337	69.02947	79.13913	77.42098	64.58565	0	35.41435	25.07641	10.33794	30.63013	2
1991.415	1992.298	1347.798	78.84247	23.22373	78.22443	77.27266	66.63457	0	33.36543	25.08624	8.279188	31.50884	2
1991.42	1992.302	1347.802	79.38634	39.12892	78.34804	76.39504	65.5422	0	34.4578	24.25346	10.20434	31.48938	2
1991.425	1992.307	1347.807	85.83864	116.9742	83.32941	75.82645	52.1672	0.901607	46.93119	14.01416	32.91703	31.09401	2
1991.43	1992.312	1347.812	98.78033	117.1576	99.96696	102.4515	11.57358	24.77878	63.64765	53.55345	10.0942	28.02201	2
1991.435	1992.317	1347.817	82.74846	188.0816	77.3839	74.91176	59.93098	0	40.06902	22.48122	17.5878	28.12483	2
1991.44	1992.322	1347.822	77.96486	53.46041	76.03658	74.36788	70.27904	0	29.72096	9.24494	20.47602	30.53155	2
1991.445	1992.326	1347.826	81.31461	85.57638	79.13913	76.64226	61.34111	0	38.65889	7.756016	30.90288	30.98958	2
1991.45	1992.331	1347.831	80.12798	71.81021	78.38512	75.72756	62.41137	0	37.58863	24.31582	13.2728	31.34885	2
1991.455	1992.336	1347.836	79.88077	91.41287	79.4605	78.78066	47.64483	3.755728	48.59944	16.83996	31.75949	29.24702	2
1991.46	1992.341	1347.841	73.53971	19.40404	73.25542	73.53971	69.85099	0	30.14901	8.427154	21.72186	30.68776	2
1991.465	1992.345	1347.845	77.21085	55.40081	76.54337	74.269	60.73199	0.102482	39.16553	10.22956	28.93597	31.97746	1
1991.47	1992.35	1347.85	77.90305	50.90885	77.05016	75.50507	62.61915	0	37.38085	22.86939	14.51146	31.72027	1
1991.475	1992.355	1347.855	83.37886	98.53277	82.39	80.44936	47.11017	3.675023	49.2148	17.45216	31.76264	29.51555	1
1991.48	1992.36	1347.86	83.06984	49.68655	83.27997	83.21817	49.92308	3.737064	46.33986	28.95773	17.38213	30.27962	1
1991.485	1992.365	1347.865	80.73366	43.36114	80.27631	80.12798	58.77608	0.661263	40.56266	13.04167	27.52099	31.67225	1
1991.49	1992.369	1347.869	78.45929	35.58425	77.92777	76.88947	63.32528	0	36.67472	23.49141	13.18331	31.8348	1
1991.495	1992.374	1347.874	77.69292	42.61248	77.35918	76.53101	60.79678	0.072544	39.13068	17.08658	22.0441	32.00905	1
1991.5	1992.379	1347.879	76.3456	36.04261	75.61632	74.41733	66.69168	0	33.30832	14.21029	19.09803	31.24784	1
1991.505	1992.384	1347.884	76.41976	34.255	75.9377	75.35674	65.14014	0	34.85986	10.19323	24.66664	31.38429	1
1991.51	1992.388	1347.888	80.69658	51.47417	80.44936	80.22687	55.21831	1.73402	43.04767	23.02142	20.02625	30.9309	1
1991.515	1992.393	1347.893	79.07732	49.24347	78.43456	77.24793	60.31332	0.170883	39.5158	16.42787	23.08793	31.93866	1
1991.52	1992.398	1347.898	78.39748	67.79189	77.08724	75.86353	61.62302	0	38.37698	7.968431	30.40855	31.49441	1
1991.525	1992.403	1347.903	74.78815	72.66582	73.53971	70.75855	63.28514	0	36.71486	24.72133	11.99353	31.61216	1
1991.53	1992.408	1347.908	75.9995	58.16627	74.46677	72.30364	67.88289	0	32.11711	23.255	8.862115	31.01898	1
1991.535	1992.412	1347.912	75.54215	45.1946	74.92412	73.51499	64.35391	0	35.64609	19.81832	15.82777	31.46996	8
1991.54	1992.417	1347.917	75.72756	60.82477	75.09717	72.15531	60.49662	0.229393	39.27398	19.11971	20.15427	31.84819	8
1991.545	1992.422	1347.922	77.77945	79.17457	76.55573	75.19605	58.76643	0.643131	40.59043	23.89068	16.69975	31.01073	8
1991.55	1992.427	1347.927	82.37764	98.85363	79.55939	76.32088	62.13141	0	37.86859	11.94684	25.92175	30.2814	8
1991.555	1992.432	1347.932	83.15636	61.32897	82.21695	82.00682	55.935	1.246445	42.81855	13.52502	29.29353	31.0222	8
1991.56	1992.436	1347.936	84.07106	59.5108	83.3665	82.84735	53.71337	2.055076	44.23156	15.02681	29.20475	30.80442	8
1991.565	1992.441	1347.941	82.36528	108.0362	82.7979	83.99689	34.72634	8.023228	57.25043	27.65188	29.59855	27.89835	8
1991.57	1992.446	1347.946	75.86353	91.42815	73.5768	71.87102	65.80214	0	34.19786	14.32999	19.86787	30.89336	8
1991.575	1992.451	1347.951	78.15027	123.2385	76.54337	71.6238	50.73146	2.863534	46.405	30.58085	15.82416	29.63186	8
1991.58	1992.455	1347.955	72.79807	67.48632	71.36423	70.59786	67.80638	0	32.19362	24.8125	7.381113	30.88663	8
1991.585	1992.46	1347.96	74.8994	42.74999	73.91054	73.03292	68.41071	0	31.58929	12.13904	19.45024	30.90644	8
1991.59	1992.465	1347.965	75.43091	39.35811	74.51621	73.05765	68.16778	0	31.83222	19.10732	12.7249	31.06812	8
1991.595	1992.47	1347.97	76.01186	61.77206	75.55451	75.5916	58.66469	0.698113	40.6372	14.5677	26.0695	30.97373	8
1991.6	1992.475	1347.975	80.94379	82.91787	79.21329	78.73122	58.87698	0.224638	40.89838	18.91079	21.98759	31.03891	8
1991.605	1992.479	1347.979	87.09944	132.5586	86.04877	80.67186	35.93197	6.789065	57.27896	35.39916	21.8798	29.0291	8
1991.61	1992.484	1347.984	85.61615	196.2099	84.1823	84.65201	24.86264	9.472949	65.66442	36.02817	29.63625	26.89705	8
1991.615	1992.489	1347.989	82.85971	165.5913	81.4135	71.11701	34.90407	6.828495	58.26743	32.30179	25.96564	29.08959	8
1991.62	1992.494	1347.994	78.49637	112.3448	76.84003	73.49027	53.43252	2.0667	44.50078	31.38521	13.11556	29.93406	2
1991.625	1992.499	1347.999	74.70162	33.59801	73.94762	73.51499	68.98732	0	31.01268	7.999995	23.01268	30.84247	2
1991.63	1992.503	1348.003	74.05887	33.4605	73.71276	74.80051	66.45068	0	33.54932	9.530528	24.01879	30.79357	2
1991.635	1992.508	1348.008	80.28867	47.51697	79.90549	78.65706	57.60498	1.000245	41.39478	21.25546	20.13932	31.5645	2
1991.64	1992.513	1348.013	74.14539	55.32442	73.24306	72.36545	65.39082	0	34.60918	17.89021	16.71897	31.12918	2
1991.645	1992.518	1348.018	78.44692	73.93396	76.72878	74.87467	63.25241	0	36.74759	9.940355	26.80724	31.18411	2
1991.65	1992.522	1348.022	80.17743	132.2989	79.48523	74.70162	39.585	5.93029	54.48471	23.00565	31.47905	28.64685	2
1991.655	1992.527	1348.027	73.02056	37.67744	72.45197	72.18003	68.10974	0	31.89026	18.86292	13.02733	30.8156	2
1991.66	1992.532	1348.032	72.19239	38.50249	71.48783	70.73383	69.72575	0	30.27425	9.418212	20.85604	30.76611	2
1991.665	1992.537	1348.037	80.36284	107.4097	79.0526	80.35048	50.22737	2.796608	46.97602	21.32125	25.65477	28.90292	2
1991.67	1992.542	1348.042	83.60135	141.6953	81.31461	78.81775	46.5187	3.055986	50.42532	34.22043	16.20489	28.84188	2
1991.675	1992.546	1348.046	81.98209	36.21068	81.53711	81.27753	59.26213	0.581406	40.15646	20.81212	19.34434	31.97909	2

1991.68	1992.551	1348.051	84.31827	51.18387	83.47774	81.22809	56.5548	1.161267	42.28394	29.77286	12.51107	31.7438	2
1991.685	1992.556	1348.056	88.74341	85.46943	87.81636	83.60135	44.85713	4.567468	50.5754	31.73646	18.83894	30.21743	2
1991.69	1992.561	1348.061	90.98071	58.5024	90.33795	90.07837	47.12154	4.738068	48.14039	28.40655	19.73384	30.18304	2
1991.695	1992.566	1348.066	97.23524	69.91564	96.69136	96.97566	37.83901	9.304887	52.85611	20.58798	32.26813	29.15348	2
1991.7	1992.57	1348.07	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1992	1992.857	1348.357	122.55	121.237	122.8467	127.9146	0	62.38164	37.61836	37.61836	0	-9999	2
1992.005	1992.863	1348.363	116.827	122.5204	114.9482	113.2424	17.43016	13.93262	68.63723	55.41555	13.22167	29.28973	2
1992.01	1992.868	1348.368	115.0841	137.6923	113.2918	112.3648	14.69144	14.95971	70.34885	44.41045	25.9384	29.21194	2
1992.015	1992.873	1348.373	111.586	188.6469	108.9532	102.402	12.09275	7.056529	80.85072	49.81908	31.03163	31.17331	2
1992.02	1992.878	1348.378	105.0101	57.95237	103.6999	100.9805	39.52054	8.073734	52.40572	28.55374	23.85198	30.25954	2
1992.025	1992.883	1348.383	104.0584	31.734	104.0584	104.2809	36.58668	16.32189	47.09143	29.59433	17.4971	28.88259	2
1992.03	1992.889	1348.389	101.0176	59.81638	99.0399	96.9015	47.91553	1.591704	50.49276	33.4083	17.08446	31.37233	2
1992.035	1992.894	1348.394	99.06462	33.18548	98.26118	97.58134	47.05638	6.399496	46.54413	24.46051	22.08362	30.74035	2
1992.04	1992.899	1348.399	99.13879	38.12053	98.08813	93.86076	47.70978	5.237751	47.05247	18.35628	28.69619	31.52699	2
1992.045	1992.904	1348.404	99.23767	37.31075	98.47131	98.48367	45.61147	7.017423	47.37111	28.57842	18.79269	30.36872	2
1992.05	1992.909	1348.409	102.8841	61.90957	102.6987	102.5504	31.80146	15.64174	52.5568	32.48418	20.07262	28.6509	2
1992.055	1992.914	1348.414	103.9224	59.2205	104.1449	104.664	28.33572	19.88131	51.78298	19.45026	32.33272	28.11424	2
1992.06	1992.92	1348.42	107.0497	79.84684	108.0262	106.6788	14.62352	32.84577	52.53071	41.50309	11.02762	27.61838	2
1992.065	1992.925	1348.425	107.4699	67.60855	106.6294	105.0225	31.28051	14.72252	53.99697	25.1134	28.88357	29.00388	2
1992.07	1992.93	1348.43	109.4476	41.49713	108.7184	107.5688	34.91781	16.01608	49.06611	16.06484	33.00127	29.02259	2
1992.075	1992.935	1348.435	110.8938	47.51697	110.8444	110.795	26.86174	25.84427	47.29399	22.24551	25.04848	27.52306	2
1992.08	1992.94	1348.44	107.9025	140.5341	109.0645	111.2029	0	40.46494	59.53506	59.53506	0	-9999	2
1992.085	1992.946	1348.446	99.12643	154.4378	97.98924	93.82367	20.24294	12.54838	67.20868	51.97184	15.23684	29.13055	2
1992.09	1992.951	1348.451	90.32559	75.50767	87.82872	86.62973	57.97833	0	42.02167	8.34697	33.6747	29.75694	2
1992.095	1992.956	1348.456	91.99429	78.04395	90.12782	89.17604	50.94377	1.266597	47.78964	19.00371	28.78593	30.77476	2
1992.1	1992.961	1348.461	94.99794	47.3489	93.92256	92.55052	49.47768	3.741873	46.78045	16.10838	30.67206	31.055	2
1992.105	1992.966	1348.466	94.13269	43.42226	93.77423	93.63826	45.66781	6.629026	47.70316	19.45596	28.24721	30.19585	2
1992.11	1992.972	1348.472	86.55556	47.68503	85.23297	83.57663	59.07924	0.012048	40.90871	11.88573	29.02299	32.31073	2
1992.115	1992.977	1348.477	84.24411	34.30083	83.30469	83.27997	61.47509	0	38.52491	24.97809	13.54682	32.13722	2
1992.12	1992.982	1348.482	86.11058	55.64527	84.71382	82.89679	58.13702	0.208199	41.65478	21.28588	20.3689	32.00745	2
1992.125	1992.987	1348.487	103.0571	257.0194	107.8284	103.5763	0	73.21513	26.78487	26.78487	0	-9999	10
1992.13	1992.992	1348.492	116.1842	212.711	119.9048	124.1693	0	100	0	0	0	-9999	10
1992.135	1992.998	1348.498	119.4475	85.5611	119.8554	120.5229	6.241284	53.07551	40.68321	40.6235	0.059703	-9999	10
1992.14	1993.003	1348.503	116.6787	131.2446	118.2732	117.4327	0	68.57911	31.42089	31.42089	0	-9999	10
1992.145	1993.008	1348.508	97.79147	323.4515	96.9015	89.10188	0	24.73661	75.26339	75.26339	0	-9999	2
1992.15	1993.013	1348.513	81.07976	88.44879	78.69414	78.17499	62.49058	0	37.50942	14.38572	23.12371	30.3281	2
1992.155	1993.018	1348.518	77.97722	14.6065	77.54459	76.64226	68.07904	0	31.92096	23.3609	8.560068	31.42413	2
1992.16	1993.023	1348.523	82.15514	35.53841	81.27753	79.59647	62.61846	0	37.38154	22.64447	14.73706	32.12979	2
1992.165	1993.029	1348.529	79.79424	48.95317	78.22443	74.3308	66.90868	0	33.09132	22.24782	10.8435	31.31477	2
1992.17	1993.034	1348.534	77.69292	42.52081	75.76465	73.14417	73.1766	0	26.8234	11.53114	15.29226	30.59993	2
1992.175	1993.039	1348.539	81.38878	53.46041	80.21451	76.44449	61.28549	0	38.71451	18.20849	20.50602	32.23755	2
1992.18	1993.044	1348.544	84.1205	35.37035	83.21817	81.50003	61.0426	0	38.9574	18.40633	20.55107	32.53945	2
1992.185	1993.049	1348.549	86.72861	41.26795	85.97461	85.24533	56.06637	1.514509	42.41913	17.47672	24.94241	31.66329	2
1992.19	1993.055	1348.555	92.8719	88.98354	92.57524	93.71243	35.32293	9.279739	55.39733	23.09278	32.30455	28.53647	2
1992.195	1993.06	1348.56	92.29094	83.46791	91.28972	89.23784	42.65255	5.42433	51.92312	17.79311	34.13001	29.80323	2
1992.2	1993.065	1348.565	86.95111	72.23801	85.45546	84.4048	54.11466	1.19297	44.69237	13.78115	30.91122	30.9687	2
1992.205	1993.07	1348.57	85.83864	51.73391	85.99933	87.49498	47.2635	4.952552	47.78395	27.53131	20.25263	29.72817	2
1992.21	1993.075	1348.575	88.92883	60.88589	88.95355	90.32559	43.2595	6.616051	50.12444	19.7957	30.32875	29.29313	2
1992.215	1993.081	1348.581	89.63339	75.416	88.80522	84.94867	45.70492	4.582139	49.71294	16.05374	33.6592	30.41381	2
1992.22	1993.086	1348.586	86.8893	107.1042	84.45424	82.29111	53.01438	0.521424	46.4642	28.05697	18.40723	30.48595	2
1992.225	1993.091	1348.591	82.64957	54.23963	81.61127	81.19101	58.88324	0.370868	40.74589	25.01467	15.73122	31.66546	2
1992.23	1993.096	1348.596	88.00177	71.09211	87.44554	88.05121	46.14489	4.685543	49.16957	25.42531	23.74426	29.60324	2
1992.235	1993.101	1348.601	88.66925	76.08826	87.27249	86.30835	50.83584	2.195718	46.96844	24.27787	22.69057	30.51004	9
1992.24	1993.107	1348.607	91.58638	96.01178	89.91768	86.69153	45.43809	3.208482	51.35342	28.61891	22.73451	30.1888	9
1992.245	1993.112	1348.612	99.01518	123.1316	100.3872	101.648	8.474869	26.75758	64.76755	59.68141	5.086133	28.43391	9
1992.25	1993.117	1348.617	105.2326	70.75597	106.5429	108.1992	15.90869	32.28006	51.81125	30.92852	20.88272	27.12188	9
1992.255	1993.122	1348.622	104.2685	99.29671	106.0114	109.7814	6.535993	36.47333	56.99068	50.17652	6.814161	-9999	9
1992.26	1993.127	1348.627	91.35153	161.4507	90.14018	84.66437	26.27349	9.451779	64.27473	45.1062	19.16853	28.80504	9
1992.265	1993.133	1348.633	84.49132	54.1174	84.00925	83.47774	52.9076	2.496812	44.59558	29.02609	15.56949	30.78317	9
1992.27	1993.138	1348.638	86.39488	44.614	85.98697	85.59143	52.88138	2.788981	44.32964	28.54305	15.78659	30.99127	9
1992.275	1993.143	1348.643	86.1971	54.46881	85.76448	86.40724	50.87006	3.294951	45.83499	19.84178	25.99321	30.34653	9
1992.28	1993.148	1348.648	87.30957	77.92172	86.5432	85.36893	46.75747	4.143986	49.09854	22.21324	26.8853	29.88024	9
1992.285	1993.153	1348.653	95.35641	152.0543	97.44537	93.29216	0	28.51062	71.48938	71.48938	0	-9999	9
1992.29	1993.158	1348.658	95.04739	129.6556	95.34404	97.42065	18.88065	16.47584	64.64351	43.71943	20.92408	27.88795	9
1992.295	1993.164	1348.664	90.49864	213.0624	88.89174	88.1501	17.63358	11.10036	71.26605	45.56561	25.70044	27.66783	9
1992.3	1993.169	1348.669	89.38617	144.5524	90.30087	92.89662	15.69416	16.15764	68.14821	39.01072	29.13748	27.83312	9
1992.305	1993.174	1348.674	87.66803	147.3332	86.20946	81.58655	34.99468	6.546089	58.45923	22.11491	36.34433	28.6865	9
1992.31	1993.179	1348.679	92.2415	105.8971	92.90898	95.69015	24.33775	14.5696	61.09265	44.36166	16.73099	27.75878	9
1992.315	1993.184	1348.684	94.6024	89.27384	94.75073	94.78781	30.21197	12.62401	57.16401	40.43901	16.725	28.48959	9
1992.32	1993.19	1348.69	92.31567	95.4923	92.43927	91.77179	31.00249	11.35109	57.64642	30.28286	27.36356	28.57647	9
1992.325	1993.195	1348.695	99.22531	127.6083	100.8075	108.2981	5.569664	28.82172	65.60862	65.60862	0	-9999	9
1992.33	1993.2	1348.7	109.633	146.5692	112.7232	118.7182	0	68.0526	31.9474	31.9474	0	-9999	9
1992.335	1993.205	1348.705	108.5206	210.19	113.4896	116.0483	0	92.74788	7.25212	7.25212	0	-9999	9

1992.34	1993.21	1348.71	98.84213	263.4976	101.4997	112.8468	0	45.14654	54.85346	54.85346	0	-9999	9
1992.345	1993.216	1348.716	88.27371	178.3796	88.01413	87.90288	17.63203	13.13709	69.23087	43.37585	25.85502	27.80363	9
1992.35	1993.221	1348.721	82.84735	138.2423	84.20703	88.66925	19.78828	13.07686	67.13486	43.12233	24.01253	27.18606	9
1992.355	1993.226	1348.726	81.93265	188.8761	85.10936	89.58394	0	21.58937	78.41063	78.41063	0	-9999	9
1992.36	1993.231	1348.731	85.28241	105.4846	86.65445	88.02649	25.37959	12.42966	62.19076	46.83403	15.35673	27.96979	9
1992.365	1993.236	1348.736	88.42204	173.8418	89.75699	91.01779	6.236075	19.15452	74.60941	74.53159	0.077815	-9999	9
1992.37	1993.242	1348.742	77.55695	118.9146	76.85239	77.85361	45.33061	4.386353	50.28304	28.69827	21.58476	28.03775	9
1992.375	1993.247	1348.747	71.98226	73.30753	71.19118	69.93038	62.16682	0.107464	37.72572	26.75617	10.96954	31.30993	9
1992.38	1993.252	1348.752	74.52857	76.33272	74.45441	74.09595	53.53597	2.078069	44.38596	24.05717	20.32879	29.8667	9
1992.385	1993.257	1348.757	73.49027	128.4792	74.10831	75.14661	36.50721	6.618731	56.87406	30.92211	25.95194	27.17447	9
1992.39	1993.262	1348.762	67.48296	140.0146	66.07383	63.47808	54.95285	3.189728	41.85743	16.04267	25.81475	28.49937	9
1992.395	1993.267	1348.767	63.08254	201.5422	60.06652	52.06912	56.56499	5.451726	37.98328	21.8899	16.09338	27.75426	9
1992.4	1993.273	1348.773	67.71781	138.8993	66.28397	64.55346	55.19829	3.103756	41.69796	18.34244	23.35552	28.41696	9
1992.405	1993.278	1348.778	74.3308	92.78796	74.49149	73.76221	47.91563	3.584577	48.49979	30.50507	17.99472	28.9344	9
1992.41	1993.283	1348.783	85.36893	122.6885	86.23419	88.4962	25.06427	11.89189	63.04385	44.73579	18.30805	27.5884	9
1992.415	1993.288	1348.788	80.18979	264.6435	80.32576	75.48035	1.127907	16.93309	81.93901	81.93901	0	-9999	9
1992.42	1993.293	1348.793	69.08985	208.6316	63.76238	59.10238	67.23643	3.150289	29.61328	26.47135	3.141929	29.37284	9
1992.425	1993.299	1348.799	72.52613	145.7747	70.70911	67.48296	52.08044	3.42822	44.49134	32.99122	11.50012	28.52538	9
1992.43	1993.304	1348.804	74.8994	157.3866	75.62868	75.81409	27.35306	9.227488	63.41945	33.62841	29.79104	26.9208	9
1992.435	1993.309	1348.809	68.18752	95.55341	66.8402	64.28153	64.58529	0.331029	35.08369	17.41053	17.67316	31.20295	9
1992.44	1993.314	1348.814	72.72391	56.71479	72.06879	72.27892	64.4462	0	35.5538	14.07757	21.47623	30.98611	9
1992.445	1993.319	1348.819	75.43091	61.20674	74.73871	74.17011	61.15609	0.075219	38.76869	15.56636	23.20233	31.49553	9
1992.45	1993.325	1348.825	76.58045	86.14169	75.50507	75.34438	57.03392	1.21726	41.74882	18.50906	23.23977	30.26383	9
1992.455	1993.33	1348.83	76.92655	67.24186	76.39504	75.82645	57.07425	1.123751	41.802	26.29461	15.50739	30.75892	9
1992.46	1993.335	1348.835	81.43822	84.21657	81.96973	82.43944	40.57721	6.292733	53.13005	23.90225	29.2278	28.64038	9
1992.465	1993.34	1348.84	79.44814	96.02706	79.48523	77.22321	43.38177	5.052003	51.56622	18.14303	33.4232	29.04005	9
1992.47	1993.345	1348.845	80.01674	118.1813	80.95615	81.78432	30.50426	9.056198	60.43954	26.96676	33.47278	27.67268	9
1992.475	1993.351	1348.851	82.61249	92.78796	83.25525	84.55313	36.56045	7.719003	55.72055	39.44718	16.27337	28.18418	9
1992.48	1993.356	1348.856	83.56427	99.86203	84.8127	85.60379	29.2789	10.55923	60.16187	34.58373	25.57814	28.07179	9
1992.485	1993.361	1348.861	82.09334	116.8215	82.98331	85.27005	29.30605	9.813741	60.88021	30.35262	30.5276	27.50198	9
1992.49	1993.366	1348.866	83.47774	136.7297	85.93753	88.8423	11.04855	16.96053	71.99091	65.51515	6.475762	28.36734	9
1992.495	1993.371	1348.871	81.67308	180.1214	85.56671	88.48384	0	23.11248	76.88752	76.88752	0	-9999	9
1992.5	1993.377	1348.877	76.77823	163.7578	79.22565	82.7979	10.76709	14.2773	74.95561	67.0397	7.915907	27.83782	9
1992.505	1993.382	1348.882	69.99218	149.7778	69.68317	69.29998	41.75586	5.68259	52.56155	28.44751	24.11404	26.90419	9
1992.51	1993.387	1348.887	61.63633	108.3112	60.14068	55.7279	68.67455	0.528505	30.79695	12.67099	18.12596	31.5514	9
1992.515	1993.392	1348.892	65.5794	128.525	64.24444	62.99601	58.90983	2.340703	38.74947	24.64672	14.10275	28.94861	9
1992.52	1993.397	1348.897	77.28502	150.0986	75.20841	75.6534	48.66759	3.631533	47.70087	21.72073	25.98015	27.78027	9
1992.525	1993.402	1348.902	77.68056	156.2712	77.82889	78.81775	29.5667	8.812154	61.62115	30.62492	30.99622	26.85197	9
1992.53	1993.408	1348.908	76.88947	199.7393	76.82767	73.87345	21.40375	11.05159	67.54466	45.76527	21.77939	27.11043	9
1992.535	1993.413	1348.913	68.86736	87.5015	68.96624	69.29998	54.7003	1.866379	43.43332	18.83384	24.59948	29.2999	9
1992.54	1993.418	1348.918	67.30991	107.3486	66.72895	65.95023	56.59892	2.016854	41.38423	18.39948	22.98475	29.17955	9
1992.545	1993.423	1348.923	67.95266	117.4326	66.03675	59.43612	63.91319	1.066842	35.01997	8.948091	26.07188	31.25896	9
1992.55	1993.428	1348.928	70.88216	144.0482	69.11457	68.58306	53.62753	3.258146	43.11433	24.81914	18.29519	28.11901	9
1992.555	1993.434	1348.934	69.8315	144.4455	68.29876	67.68073	52.67788	3.53236	43.78976	25.01873	18.77103	27.92867	9
1992.56	1993.439	1348.939	64.30625	102.4594	63.36683	60.74636	63.32354	0.905853	35.7706	26.92343	8.847174	30.51213	9
1992.565	1993.444	1348.944	62.21728	89.21273	61.00593	58.47198	70.55859	0	29.44141	20.44112	9.000287	31.54654	9
1992.57	1993.449	1348.949	67.01325	116.027	66.09855	59.17654	57.35817	2.140963	40.50087	31.02495	9.475922	30.18587	9
1992.575	1993.454	1348.954	70.85744	77.84532	70.80799	67.85378	56.35577	1.393268	42.25096	20.84793	21.40303	30.48279	9
1992.58	1993.46	1348.96	71.87102	100.1065	71.79685	71.48783	50.22767	3.069914	46.70242	23.1336	23.56882	28.78133	9
1992.585	1993.465	1348.965	66.61771	91.85595	65.93786	62.97129	61.75133	0.753858	37.49481	16.22658	21.26823	30.72981	9
1992.59	1993.47	1348.97	72.41489	97.41742	71.75977	68.44709	54.88046	2.028879	43.09066	24.79336	18.29731	29.99281	9
1992.595	1993.475	1348.975	66.80312	121.2981	66.40757	68.60778	52.25245	3.123517	44.62404	32.93053	11.6935	27.70601	9
1992.6	1993.48	1348.98	68.79319	92.31432	68.23696	68.27404	58.681	1.249731	40.06927	15.38778	24.68148	29.80579	9
1992.605	1993.486	1348.986	72.83515	101.9247	72.16767	71.98226	53.49886	2.385503	44.11564	12.89918	31.21646	29.15904	9
1992.61	1993.491	1348.991	72.05643	149.4416	70.70911	69.11457	47.98494	4.36997	47.64509	33.94825	13.69684	27.68523	9
1992.615	1993.496	1348.996	73.42847	222.6269	70.78327	66.50646	39.07037	7.352473	53.57716	31.46496	22.1122	26.09537	9
1992.62	1993.501	1349.001	69.01569	84.30824	67.56948	66.75367	67.31107	0	32.68893	8.97682	23.71211	31.10873	9
1992.625	1993.506	1349.006	70.02927	54.31602	69.63372	71.58672	65.49406	0	34.50594	14.82378	19.68217	30.44929	9
1992.63	1993.511	1349.011	73.07001	110.9086	72.22948	71.06757	52.44982	2.737994	44.81218	22.19558	22.6166	29.02263	9
1992.635	1993.517	1349.017	79.48523	102.5511	81.59891	85.49254	25.67517	10.85899	63.46584	37.72517	25.74067	27.48602	9
1992.64	1993.522	1349.022	83.82384	81.49695	84.94867	87.79164	34.4424	9.07602	56.48158	36.44362	20.03796	28.0266	9
1992.645	1993.527	1349.027	85.92517	50.46577	86.0735	86.87694	47.58658	4.865989	47.54743	16.45343	31.094	29.91213	9
1992.65	1993.532	1349.032	88.05121	47.3489	88.4962	89.34909	44.08581	6.845117	49.06908	30.36202	18.70706	29.59699	9
1992.655	1993.537	1349.037	84.07106	173.0779	88.02649	93.02023	0	25.28251	74.71749	74.71749	0	-9999	9
1992.66	1993.543	1349.043	74.19483	193.582	74.23192	78.83011	24.60653	10.11924	65.27423	35.77287	29.50136	25.45342	9
1992.665	1993.548	1349.048	66.58062	126.5388	67.89086	70.35065	37.96911	5.681329	56.34956	25.88034	30.46922	26.62948	9
1992.67	1993.553	1349.053	69.52248	73.30753	70.06635	70.83271	54.08389	1.71128	44.20483	22.48405	21.72078	29.51258	9
1992.675	1993.558	1349.058	70.5237	83.29984	70.15287	69.88094	57.83351	1.196738	40.96975	17.80522	23.16454	30.05976	9
1992.68	1993.563	1349.063	66.07383	62.29154	65.8019	64.45458	66.24503	0	33.75497	9.707311	24.04766	30.85567	9
1992.685	1993.569	1349.069	58.75628	71.18378	57.00106	55.60429	82.32073	0	17.67927	9.28705	8.392217	32.06402	9
1992.69	1993.574	1349.074	68.95388	165.6371	67.54476	63.79946	47.39895	5.051945	47.54911	34.15898	13.39013	27.41149	9
1992.695	1993.579	1349.079	74.07123	120.8398	73.86109	71.52492	44.23977	4.719401	51.04083	16.4221	34.61873	28.31141	9
1992.7	1993.584	1349.084	75.87589	87.94459	75.96242	70.78327	48.24102	3.532883	48.2261	27.39392	20.83218	29.97087	9

1992.705	1993.589	1349.089	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1993.005	1993.901	1349.401	95.08447	54.22435	94.87434	95.51709	41.02852	8.707431	50.26405	30.17042	20.09363	29.40873	2
1993.01	1993.906	1349.406	94.84962	60.09139	94.56532	95.6407	40.39954	8.565421	51.03504	24.50296	26.53208	29.22576	2
1993.015	1993.911	1349.411	98.38478	60.65671	98.54547	99.15115	33.56173	13.80972	52.62855	34.89136	17.73719	28.66735	2
1993.02	1993.916	1349.416	98.65672	106.9514	97.48245	94.70129	32.45417	8.885114	58.66071	32.53021	26.1305	29.26203	2
1993.025	1993.922	1349.422	95.60362	30.02278	95.61598	95.69015	44.68336	8.627506	46.68913	22.38891	24.30022	30.09329	2
1993.03	1993.927	1349.427	96.9015	33.91886	96.88914	96.65428	42.73805	9.725188	47.53676	19.82733	27.70943	29.87859	2
1993.035	1993.932	1349.432	95.34404	25.13357	95.05975	94.80017	48.40445	6.51887	45.07668	14.16704	30.90963	30.7624	2
1993.04	1993.937	1349.437	93.86076	28.92271	93.68771	92.63704	47.98995	6.409264	45.60079	27.9449	17.65589	30.77895	2
1993.045	1993.942	1349.442	93.11911	41.80271	93.72479	94.37991	39.52017	10.62689	49.85294	28.6446	21.20834	29.26149	2
1993.05	1993.948	1349.448	98.60728	98.0133	99.06462	98.84213	22.01765	18.44377	59.53858	34.48567	25.05291	28.27929	2
1993.055	1993.953	1349.453	104.9483	110.328	105.6529	107.6924	11.28781	28.89269	59.8195	53.26064	6.558862	27.67021	2
1993.06	1993.958	1349.458	89.52214	74.82013	87.92761	87.14888	51.8908	1.590185	46.51901	21.08178	25.43723	30.71426	2
1993.065	1993.963	1349.463	87.85344	45.3321	87.97705	86.1971	47.24651	5.384536	47.36896	33.88512	13.48384	30.47532	2
1993.07	1993.968	1349.468	95.99916	47.01277	96.18457	93.87312	38.86674	11.03588	50.09738	24.31708	25.7803	29.73655	2
1993.075	1993.974	1349.474	100.0411	99.92314	99.62086	100.8817	27.03782	14.04961	58.91257	33.14895	25.76362	28.20104	2
1993.08	1993.979	1349.479	95.09683	88.46407	94.82489	94.65184	33.21012	10.70115	56.08874	23.84832	32.24041	28.70393	2
1993.085	1993.984	1349.484	86.66681	29.04494	87.00055	87.93997	50.65118	4.433789	44.91503	27.16185	17.75318	30.60749	2
1993.09	1993.989	1349.489	87.40846	43.59032	87.30957	87.58151	49.80173	4.231714	45.96656	27.30053	18.66603	30.45067	2
1993.095	1993.994	1349.494	88.36023	20.12214	88.27371	86.8275	54.5096	3.147203	42.3432	31.29264	11.05056	31.84974	2
1993.1	1993.999	1349.499	91.05487	50.77135	91.01779	91.42569	44.23024	6.842574	48.92719	19.02927	29.89791	29.74082	2
1993.105	1994.005	1349.505	90.7953	63.72774	90.58516	89.91768	42.67474	6.830499	50.49476	33.37557	17.11919	29.63721	2
1993.11	1994.01	1349.51	91.96956	50.92413	92.13025	93.78659	41.81902	8.291607	49.88938	30.3239	19.56548	29.25224	2
1993.115	1994.015	1349.515	90.94362	72.22274	91.4875	90.60988	34.63895	10.77574	54.5853	30.84717	23.73813	28.93162	2
1993.12	1994.02	1349.52	97.5937	132.2989	98.96574	101.0053	7.564157	25.56197	66.87387	56.33474	10.53913	-9999	8
1993.125	1994.025	1349.525	102.229	79.98435	102.8965	103.0201	21.42017	22.80885	55.77098	32.73201	23.03897	27.97821	8
1993.13	1994.031	1349.531	93.46521	63.83469	93.31688	92.88426	39.71356	8.642374	51.64407	36.374	15.27007	29.3684	8
1993.135	1994.036	1349.536	91.74707	67.94468	90.82002	89.10188	46.33476	4.486187	49.17906	32.60535	16.5737	30.28868	8
1993.14	1994.041	1349.541	92.74829	93.93386	92.35275	89.58394	35.00504	9.083709	55.91125	31.35505	24.5562	29.18951	8
1993.145	1994.046	1349.546	95.52946	101.4357	95.94972	97.3712	24.3084	15.64016	60.05144	28.21653	31.83491	28.02811	8
1993.15	1994.051	1349.551	90.09073	57.18843	89.23784	86.97583	49.88683	3.426679	46.68649	24.28174	22.40476	30.90749	8
1993.155	1994.057	1349.557	94.16978	83.43735	94.07089	94.75073	33.93833	10.65788	55.40379	30.89079	24.513	28.58942	8
1993.16	1994.062	1349.562	94.63948	78.04395	94.55296	95.10919	34.71561	10.66747	54.61692	28.17639	26.44053	28.70285	8
1993.165	1994.067	1349.567	91.10431	73.44504	90.36267	87.89052	44.15807	5.384102	50.45783	26.38937	24.06846	30.06513	8
1993.17	1994.072	1349.572	94.16978	84.14017	94.55296	93.68771	30.03222	13.17641	56.79137	36.73489	20.05648	28.65534	8
1993.175	1994.077	1349.577	97.64314	54.2549	97.68022	99.74446	36.75124	11.98056	51.2682	20.84202	30.42618	28.7045	8
1993.18	1994.083	1349.583	97.06219	62.06235	96.95094	97.68022	36.54586	11.16958	52.28456	20.99148	31.29308	28.92153	8
1993.185	1994.088	1349.588	98.02632	54.22435	98.11285	98.71852	36.02292	12.60027	51.37681	26.6317	24.74511	28.89845	8
1993.19	1994.093	1349.593	103.8359	58.05932	104.4663	106.0855	25.53507	23.13861	51.32632	33.22345	18.10287	27.62709	8
1993.195	1994.098	1349.598	105.554	65.79037	106.2215	107.334	21.79608	26.44666	51.75727	28.04013	23.71713	27.43798	8
1993.2	1994.103	1349.603	104.0831	84.62909	103.3044	103.4774	29.79845	13.53849	56.66306	30.30254	26.36052	28.62305	2
1993.205	1994.109	1349.609	90.9189	34.62169	90.1649	89.68283	53.8197	2.634258	43.54605	12.985	30.56105	31.51191	2
1993.21	1994.114	1349.614	88.7805	72.31441	87.92761	85.18352	47.43176	3.967877	48.60036	25.68087	22.9195	30.40275	2
1993.215	1994.119	1349.619	89.22548	40.27483	89.01535	89.42325	49.79457	4.45261	45.75282	18.38555	27.36727	30.53541	2
1993.22	1994.124	1349.624	85.5049	26.20309	85.13408	84.76326	57.86821	1.327758	40.80403	15.62121	25.18282	32.06782	2
1993.225	1994.129	1349.629	88.2119	24.62937	88.40967	89.00299	51.35201	4.456303	44.19169	24.72024	19.47145	30.87865	2
1993.23	1994.134	1349.634	85.34421	27.34899	85.46782	84.4048	53.90691	2.953298	43.13979	31.23089	11.9089	31.46445	2
1993.235	1994.14	1349.64	97.51953	55.24802	97.45773	97.17343	37.39099	11.35237	51.25665	35.60203	15.65462	29.20692	9
1993.24	1994.145	1349.645	114.8122	53.27706	115.0594	114.8987	19.56382	37.12298	43.31321	27.96749	15.34571	26.22979	9
1993.245	1994.15	1349.65	108.9532	68.55583	108.706	108.2734	25.08845	22.33891	52.57264	23.66154	28.9111	27.96429	9
1993.25	1994.155	1349.655	107.1238	54.46881	107.2598	107.4576	27.21088	22.85749	49.93163	27.10717	22.82446	27.85311	9
1993.255	1994.16	1349.66	102.983	65.08755	103.428	104.6146	26.05583	20.97049	52.97368	35.32157	17.65211	27.87399	9
1993.26	1994.166	1349.666	103.4032	74.31593	103.8729	105.3439	23.24433	22.31957	54.4361	36.1753	18.2608	27.71309	9
1993.265	1994.171	1349.671	102.402	82.73453	102.9212	106.0979	21.74497	22.04161	56.21343	33.8761	22.33733	27.4488	9
1993.27	1994.176	1349.676	99.44781	117.1118	99.37364	97.75439	20.74175	17.02782	62.23043	35.19171	27.03872	28.57691	9
1993.275	1994.181	1349.681	97.80383	133.185	97.07455	91.62346	23.44165	12.84226	63.7161	47.66048	16.05562	29.29679	9
1993.28	1994.186	1349.686	105.2203	74.6979	105.2697	103.2055	24.73728	20.98647	54.27625	25.44866	28.8276	28.42768	9
1993.285	1994.192	1349.692	99.22531	59.25106	98.9781	98.61964	36.28987	11.80781	51.90232	30.9898	20.91252	29.12995	9
1993.29	1994.197	1349.697	94.63948	81.55806	94.37991	93.24272	35.20633	10.01075	54.78291	31.71031	23.0726	29.03742	9
1993.295	1994.202	1349.702	93.66299	92.20736	92.9337	91.06723	37.16782	7.859718	54.97247	22.98132	31.99115	29.23492	9
1993.3	1994.207	1349.707	97.03746	88.87659	96.80261	95.39349	31.03751	12.24119	56.7213	27.25236	29.46893	28.84041	9
1993.305	1994.212	1349.712	103.6134	62.15403	104.0089	105.2697	26.56896	21.1474	52.28364	24.26875	28.01489	27.84532	9
1993.31	1994.218	1349.718	102.5627	101.6955	102.711	99.74446	19.88245	20.59897	59.51858	42.46846	17.05012	28.69798	9
1993.315	1994.223	1349.723	99.29948	91.30592	98.96574	99.02754	29.13493	13.46931	57.39575	32.31586	25.07989	28.50066	9
1993.32	1994.228	1349.728	105.8754	121.5884	104.5775	103.7123	23.22879	13.0127	63.75851	30.56412	33.19439	28.78823	9
1993.325	1994.233	1349.733	104.4539	97.40214	104.3674	107.371	21.00166	20.46265	58.53569	31.9704	26.56529	27.56859	9
1993.33	1994.238	1349.738	96.41943	94.11721	95.85083	94.34283	32.92436	10.29851	56.77713	29.24924	27.52789	28.95799	9
1993.335	1994.243	1349.743	94.47879	102.2761	94.72601	91.88304	26.41279	13.92792	59.65929	43.06123	16.59806	28.83784	9
1993.34	1994.249	1349.749	96.95094	125.1637	97.09927	94.75073	19.36598	16.86548	63.76854	38.89339	24.87515	28.70635	9
1993.345	1994.254	1349.754	84.19466	64.58335	83.55191	82.76082	51.89311	2.619604	45.48728	29.16746	16.31982	30.49103	9
1993.35	1994.259	1349.759	81.88321	67.79189	81.79668	81.4135	48.93238	3.656873	47.41075	18.94979	28.46096	29.84715	9
1993.355	1994.264	1349.764	77.39626	55.32442	76.50629	74.99828	62.30422	0	37.69578	12.04456	25.65123	31.67275	1
1993.36	1994.269	1349.769	77.74236	31.00062	77.87833	79.02788	59.92112	0.347907	39.73097	17.15185	22.57912	31.69531	1

1993.365	1994.275	1349.775	76.43213	24.27796	76.76587	77.70528	61.22069	0	38.77931	7.697214	31.08209	31.92998	1
1993.37	1994.28	1349.78	72.26656	13.64394	72.22948	72.01934	70.50032	0	29.49968	5.226053	24.27363	30.6418	1
1993.375	1994.285	1349.785	68.5089	8.831128	68.24932	68.08863	76.84639	0	23.15361	16.98645	6.167159	30.23519	1
1993.38	1994.29	1349.79	70.22704	14.94263	70.15287	69.17638	72.34978	0	27.65022	19.27739	8.372826	30.53277	1
1993.385	1994.295	1349.795	77.21085	16.85248	77.33446	77.54459	63.92976	0	36.07024	14.09835	21.97189	31.80323	1
1993.39	1994.301	1349.801	72.81043	13.99535	72.74863	72.55086	70.10651	0	29.89349	21.12983	8.763662	30.71159	1
1993.395	1994.306	1349.806	71.9699	15.20237	71.94518	71.94518	70.30031	0	29.69969	19.22811	10.47158	30.58471	1
1993.4	1994.311	1349.811	64.80068	22.71953	64.81304	64.60291	74.78946	0	25.21054	10.11564	15.0949	30.04582	1
1993.405	1994.316	1349.816	66.96381	34.9731	66.79076	65.78954	71.27095	0	28.72905	9.072128	19.65692	30.44975	1
1993.41	1994.321	1349.821	83.24289	64.1861	84.08342	85.73976	41.3694	6.696065	51.93453	26.81502	25.11951	28.84634	1
1993.415	1994.327	1349.827	84.98575	135.5227	89.05243	88.1501	0	24.19549	75.80451	75.80451	0	-9999	1
1993.42	1994.332	1349.832	96.2711	51.90197	97.17343	98.94102	31.87723	15.74808	52.37469	29.39895	22.97574	28.32606	1
1993.425	1994.337	1349.837	98.44659	76.1341	98.13757	93.73715	33.39958	11.95955	54.64087	37.40781	17.23306	29.60063	1
1993.43	1994.342	1349.842	100.8322	138.6243	100.5479	103.1066	15.8906	18.22817	65.88123	36.39572	29.48551	27.92685	1
1993.435	1994.347	1349.847	83.8362	34.45362	83.76204	84.08342	55.10769	2.170252	42.72206	30.54312	12.17894	31.23794	1
1993.44	1994.353	1349.853	79.67064	31.97846	78.7683	75.75229	65.95731	0	34.04269	8.308164	25.73453	31.77037	1
1993.445	1994.358	1349.858	85.12172	77.15778	83.0822	79.99202	58.82212	0	41.17788	8.593355	32.58452	31.30607	1
1993.45	1994.363	1349.863	89.21312	120.7939	87.90288	84.31827	38.84614	5.674052	55.47981	29.66917	25.81064	29.14524	10
1993.455	1994.368	1349.868	90.5728	153.246	88.42204	81.50003	36.25593	4.975114	58.76896	24.93921	33.82975	29.33618	10
1993.46	1994.373	1349.873	85.65323	123.7427	83.52719	78.05138	47.73014	2.483778	49.78608	18.88225	30.90383	29.99375	10
1993.465	1994.378	1349.878	89.44798	89.70165	89.26256	88.27371	37.437	7.996198	54.5668	29.27992	25.28688	28.92579	10
1993.47	1994.384	1349.884	96.95094	82.21505	97.14871	96.51831	29.37636	14.25815	56.36549	28.24222	28.12327	28.59873	10
1993.475	1994.389	1349.889	96.44415	103.0247	95.66542	92.9337	32.37452	9.755933	57.86954	27.4674	30.40214	29.12563	10
1993.48	1994.394	1349.894	110.2758	132.253	109.6949	109.5094	11.04342	24.67367	64.28291	51.50068	12.78223	28.36249	10
1993.485	1994.399	1349.899	115.2448	110.6336	115.6651	116.8023	3.94439	44.47148	51.58413	46.38102	5.203117	-9999	10
1993.49	1994.404	1349.904	116.5674	173.6585	117.0371	116.1472	0	52.59087	47.40913	47.40913	0	-9999	10
1993.495	1994.41	1349.91	121.4994	376.6063	121.7218	119.4722	0	74.93637	25.06363	25.06363	0	-9999	10
1993.5	1994.415	1349.915	127.7786	368.2183	128.545	119.2497	0	100	0	0	0	-9999	10
1993.505	1994.42	1349.92	120.8442	285.2393	123.5883	117	0	100	0	0	0	-9999	10
1993.51	1994.425	1349.925	118.7182	151.9015	119.1385	116.518	0	55.79251	44.20749	44.20749	0	-9999	10
1993.515	1994.43	1349.93	116.7528	184.0175	116.8394	112.031	0	47.62852	52.37148	52.37148	0	-9999	10
1993.52	1994.436	1349.936	104.627	198.5629	103.5392	105.7271	4.121008	19.13319	76.7458	76.7458	0	-9999	10
1993.525	1994.441	1349.941	94.18214	257.7834	90.14018	83.60135	22.29404	4.298722	73.40724	36.64002	36.76722	28.47568	2
1993.53	1994.446	1349.946	84.39244	123.5747	81.68544	80.95615	53.43314	0.735091	45.83177	30.56603	15.26574	29.75668	2
1993.535	1994.451	1349.951	80.62241	78.30369	80.80782	81.90793	45.44095	4.638593	49.92045	16.15756	33.76289	28.9594	2
1993.54	1994.456	1349.956	79.65828	65.88205	78.11319	75.88825	62.74539	0	37.25461	25.04345	12.21116	31.38224	2
1993.545	1994.462	1349.962	81.56183	44.88902	82.31583	83.27997	48.25644	4.31405	47.42951	21.99782	25.4317	29.8879	2
1993.55	1994.467	1349.967	80.15271	67.18074	80.10326	78.81775	50.38495	3.122025	46.49302	18.8041	27.68892	30.11271	2
1993.555	1994.472	1349.972	80.49881	59.17467	79.47287	78.50873	59.57187	0.253955	40.17418	15.07876	25.09541	31.64659	2
1993.56	1994.477	1349.977	82.09334	40.24427	81.92029	80.95615	56.07615	1.632992	42.29086	22.1508	20.14006	31.45865	2
1993.565	1994.482	1349.982	83.99689	61.0234	84.04634	83.99689	47.57201	4.405052	48.02294	18.79968	29.22325	29.82988	2
1993.57	1994.487	1349.987	78.68178	55.0494	78.48401	78.00194	55.82354	1.490207	42.68625	13.75694	28.92931	30.87896	2
1993.575	1994.493	1349.993	81.96973	53.75071	81.68544	84.13286	53.78348	2.197914	44.01861	19.50799	24.51062	30.22493	2
1993.58	1994.498	1349.998	84.51604	59.81638	84.08342	84.29355	51.12252	3.041743	45.83573	26.45332	19.38241	30.28498	2
1993.585	1994.503	1350.003	82.47652	52.89509	82.27875	82.77318	52.85372	2.551241	44.59504	27.35348	17.24156	30.48674	2
1993.59	1994.508	1350.008	83.32941	105.7291	82.31583	80.25159	45.60575	4.078766	50.31549	31.74863	18.56685	29.24123	2
1993.595	1994.513	1350.013	83.10692	60.71782	83.84856	84.38008	43.10018	6.090599	50.80922	18.25401	32.55521	29.24065	2
1993.6	1994.519	1350.019	80.84491	54.66743	80.18979	83.0204	57.47034	0.953588	41.57607	23.37597	18.2001	30.67334	2
1993.605	1994.524	1350.024	83.53955	134.7893	80.18979	77.12433	56.48524	0	43.51476	13.21098	30.30378	30.13532	2
1993.61	1994.529	1350.029	83.27997	126.3707	81.19101	78.03902	48.99019	2.521245	48.48857	19.02295	29.46561	29.45304	2
1993.615	1994.534	1350.034	82.46416	80.50383	81.0674	78.85483	55.47595	1.14413	43.37992	29.63825	13.74167	30.92104	2
1993.62	1994.539	1350.039	72.79807	57.73846	71.66088	71.09229	67.86627	0	32.13373	22.15163	9.982105	30.82934	2
1993.625	1994.545	1350.045	77.08724	162.4897	72.06879	68.84264	68.65027	0	31.34973	22.93638	8.413345	30.24226	2
1993.63	1994.55	1350.05	84.35535	166.6761	82.51361	77.39626	36.33102	6.050033	57.61895	21.43741	36.18154	28.25795	2
1993.635	1994.555	1350.055	87.34665	249.1203	89.07715	84.23175	0	24.97385	75.02615	75.02615	0	-9999	2
1993.64	1994.56	1350.06	82.1057	161.3743	77.51987	71.99462	60.95036	0	39.04964	8.733898	30.31575	29.40074	2
1993.645	1994.565	1350.065	78.32332	69.86981	76.85239	75.09717	62.43374	0	37.56626	8.202967	29.36329	31.38412	2
1993.65	1994.571	1350.071	85.29477	73.96452	84.80034	83.65079	47.46123	4.077633	48.46114	26.21795	22.24319	29.88893	2
1993.655	1994.576	1350.076	82.60013	45.68352	82.06862	80.23923	57.07168	1.172447	41.75587	21.70264	20.05323	31.72526	2
1993.66	1994.581	1350.081	79.95493	46.35578	79.16385	78.24915	61.35428	0	38.64572	11.19925	27.44647	31.95254	2
1993.665	1994.586	1350.086	82.22931	97.38687	80.56061	79.7448	53.71383	1.534777	44.75139	21.12079	23.6306	30.07238	2
1993.67	1994.591	1350.091	83.86093	51.13804	83.70024	83.26761	51.71789	3.044683	45.23743	30.19808	15.03935	30.58804	2
1993.675	1994.597	1350.097	88.02649	51.03108	88.00177	88.1501	46.8577	5.302286	47.84002	29.42677	18.41325	30.00334	8
1993.68	1994.602	1350.102	101.1907	93.0477	101.0053	100.3749	25.82398	16.16346	58.01256	30.45982	27.55274	28.45968	8
1993.685	1994.607	1350.107	96.74081	71.48935	97.01274	98.16229	31.59053	13.79385	54.61562	37.86519	16.75043	28.40717	8
1993.69	1994.612	1350.112	98.96574	68.03635	99.00282	98.80505	32.19934	14.02642	53.77424	23.47035	30.30389	28.70757	8
1993.695	1994.617	1350.117	98.33534	62.81101	98.40951	98.94102	33.75645	13.36585	52.87771	18.6819	34.19581	28.69689	8
1993.7	1994.622	1350.122	100.9682	101.3441	101.5491	101.7098	18.08162	22.05997	59.85841	40.17604	19.68237	28.11642	8
1993.705	1994.628	1350.128	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1994	1994.934	1350.434	108.6566	25.13357	109.015	101.3884	31.17557	25.40793	43.4165	12.54433	30.87217	29.13177	8
1994.005	1994.939	1350.439	99.29948	81.58862	97.91508	97.96452	39.62915	6.192268	54.17858	30.67983	23.49876	29.50161	8
1994.01	1994.944	1350.444	97.06219	53.94933	96.08569	93.8484	45.21491	5.66908	49.11601	31.25868	17.85733	30.59339	8
1994.015	1994.95	1350.45	101.8087	112.1462	100.7951	95.925	27.05186	12.02018	60.92796	38.99269	21.93527	29.45235	8

1994.02	1994.955	1350.455	111.4624	100.8857	112.2659	111.277	6.813498	40.83287	52.35364	45.39919	6.954445	-9999	8
1994.025	1994.96	1350.46	120.7824	102.215	120.9184	121.9938	3.090393	52.70862	44.20099	42.85901	1.341974	-9999	8
1994.03	1994.965	1350.465	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1994.09	1995.027	1350.527	109.6083	45.43906	109.6701	110.4241	27.68511	25.02235	47.29254	16.6276	30.66494	27.48854	8
1994.095	1995.033	1350.533	105.5664	52.25339	105.4551	106.0484	31.09578	18.44573	50.45848	28.94508	21.5134	28.27182	8
1994.1	1995.038	1350.538	110.8691	129.2584	110.2264	113.7492	11.70125	24.48342	63.81533	40.96269	22.85263	27.62166	8
1994.105	1995.043	1350.543	110.1522	118.1354	109.7567	107.9644	13.13666	25.62215	61.24119	44.38522	16.85596	28.37305	8
1994.11	1995.048	1350.548	111.3759	136.2255	111.4006	110.6219	4.375999	33.47126	62.15274	61.12603	1.026709	-9999	8
1994.115	1995.053	1350.553	105.6405	156.4851	104.7629	103.3785	11.7428	18.81357	69.44363	57.5423	11.90133	28.9891	8
1994.12	1995.059	1350.559	101.2896	216.4543	99.69502	90.93126	6.789308	14.78713	78.42356	75.67943	2.744133	-9999	8
1994.125	1995.064	1350.564	88.18718	178.0435	85.1588	80.44936	39.25121	3.443203	57.30559	27.63623	29.66936	28.52871	8
1994.13	1995.069	1350.569	84.98575	106.5083	83.35414	78.55817	48.68313	2.697845	48.61902	22.59628	26.02274	30.18964	8
1994.135	1995.074	1350.574	89.54686	74.54511	89.68283	89.9424	38.52322	8.318939	53.15784	24.89991	28.25793	28.9253	8
1994.14	1995.079	1350.579	87.29721	66.29457	87.34665	88.7805	43.2601	6.247457	50.49244	33.05331	17.43914	29.14354	8
1994.145	1995.085	1350.585	92.73593	67.65438	93.36633	94.52824	33.425	12.19274	54.38225	28.15216	26.2301	28.51893	8
1994.15	1995.09	1350.59	89.41089	77.99811	89.74463	88.31079	36.27995	9.278349	54.4417	29.53267	24.90902	29.04415	8
1994.155	1995.095	1350.595	91.30209	67.99052	91.6111	93.8484	37.15348	9.683488	53.16303	26.53243	26.6306	28.55607	8
1994.16	1995.1	1350.6	96.76553	87.2876	96.91386	96.97566	28.70257	14.15736	57.14008	23.63699	33.50308	28.42675	8
1994.165	1995.105	1350.605	95.90028	85.24025	96.11041	96.679	29.51508	13.67655	56.80837	29.44451	27.36386	28.36802	8
1994.17	1995.11	1350.61	86.90167	97.73828	86.12294	85.41838	42.43293	5.300535	52.26653	33.74114	18.5254	29.03535	8
1994.175	1995.116	1350.616	77.44571	50.95469	76.53101	76.0613	63.5078	0	36.4922	7.009132	29.48307	31.34014	8
1994.18	1995.121	1350.621	90.11546	199.174	89.71991	82.01918	11.95913	14.8623	73.17857	56.55518	16.62338	29.5512	8
1994.185	1995.126	1350.626	85.46782	181.8632	81.73488	79.23801	46.28901	1.814106	51.89688	25.41122	26.48566	28.31035	8
1994.19	1995.131	1350.631	86.61737	45.43906	86.22182	86.20946	52.38123	2.973945	44.64482	25.67363	18.97119	30.8233	8
1994.195	1995.136	1350.636	90.12782	43.88062	89.84352	89.43562	48.6666	4.840619	46.49278	17.15	29.34278	30.50855	8
1994.2	1995.142	1350.642	104.3427	123.5441	103.7617	102.229	18.60948	17.99003	63.40049	37.65557	25.74492	28.629	8
1994.205	1995.147	1350.647	115.455	155.5073	115.8629	115.5168	0	47.78961	52.21039	52.21039	0	-9999	8
1994.21	1995.152	1350.652	110.4118	136.913	110.35	108.5577	5.767189	31.00756	63.22525	62.91128	0.313979	-9999	8
1994.215	1995.157	1350.657	89.8806	187.99	89.33673	79.50995	16.03129	13.40236	70.56636	58.4148	12.15156	29.67104	8
1994.22	1995.162	1350.662	84.0587	196.9433	81.42586	72.71155	35.41019	5.880182	58.70962	32.5421	26.16753	28.35156	2
1994.225	1995.168	1350.668	72.99584	46.50857	72.20476	70.96868	67.71967	0	32.28033	14.18605	18.09428	30.97569	2
1994.23	1995.173	1350.673	73.99706	65.1945	73.03292	71.57436	63.6177	0	36.3823	15.03581	21.34649	31.3592	2
1994.235	1995.178	1350.678	68.31113	42.70416	67.29755	66.4941	74.6746	0	25.3254	11.94812	13.37727	30.62651	2
1994.24	1995.183	1350.683	73.15653	125.4081	70.46189	69.16402	63.23068	0.708809	36.06051	20.13553	15.92498	30.3915	2
1994.245	1995.188	1350.688	68.60778	106.7833	67.50768	63.57697	59.56509	1.458693	38.97621	20.54639	18.42983	30.30008	2
1994.25	1995.194	1350.694	63.73765	30.63393	63.45336	63.62641	76.15125	0	23.84875	14.40136	9.447389	30.11968	2
1994.255	1995.199	1350.699	63.34211	26.12669	62.76116	61.62397	79.90499	0	20.09501	19.73996	0.355042	30.57859	2
1994.26	1995.204	1350.704	66.65479	34.36195	66.24688	65.65357	73.52326	0	26.47674	11.11639	15.36034	30.38138	2
1994.265	1995.209	1350.709	64.94901	41.80271	63.66349	63.60169	80.09341	0	19.90659	6.721886	13.18471	30.77972	2
1994.27	1995.214	1350.714	81.90793	115.5686	82.82262	86.4196	29.58822	9.708858	60.70292	38.31333	22.38959	27.25556	2
1994.275	1995.219	1350.719	76.91419	120.0606	76.37032	77.24793	44.3993	4.660337	50.94037	29.41826	21.52211	27.90624	2
1994.28	1995.225	1350.725	83.20581	186.0801	82.67429	80.59769	22.53848	10.83643	66.62509	31.15045	35.47464	27.45558	2
1994.285	1995.23	1350.73	73.18125	294.8802	67.50768	61.30259	45.28245	7.837961	46.87959	22.90471	23.97488	24.97177	2
1994.29	1995.235	1350.735	61.90827	38.36499	60.83288	59.84402	82.09429	0	17.90571	17.64479	0.260919	31.04732	2
1994.295	1995.24	1350.74	62.68699	19.5721	62.51394	62.99601	78.93266	0	21.06734	19.16893	1.898409	29.99055	2
1994.3	1995.245	1350.745	66.95144	23.6057	66.07383	65.1097	79.49358	0	20.50642	6.3331	14.17332	30.61495	2
1994.305	1995.251	1350.751	73.03292	60.74838	73.0082	72.6621	58.30019	0.758456	40.94135	28.85019	12.09116	30.8013	2
1994.31	1995.256	1350.756	76.43213	154.6059	74.03414	72.15531	50.85219	3.270657	45.87715	15.13652	30.74063	28.25521	2
1994.315	1995.261	1350.761	76.80295	102.5358	74.63982	70.91924	61.29186	0.219106	38.48903	13.70428	24.78475	31.30994	2
1994.32	1995.266	1350.766	78.21207	97.03545	76.84003	73.68804	55.19563	1.602303	43.20206	20.07997	23.12209	30.41187	2
1994.325	1995.271	1350.771	82.82262	93.91859	82.36528	83.91037	44.61933	4.705234	50.67544	29.4244	21.25104	28.63891	2
1994.33	1995.277	1350.777	78.92899	120.3509	79.48523	71.37659	33.94961	7.777154	58.27323	34.44502	23.82821	29.22696	2
1994.335	1995.282	1350.782	71.47547	59.86221	69.94274	68.34821	71.63457	0	28.36543	8.482952	19.88247	30.87378	2
1994.34	1995.287	1350.787	71.61144	50.00741	70.44953	69.80677	71.02047	0	28.97953	4.607591	24.37193	30.67485	2
1994.345	1995.292	1350.792	70.35065	49.7935	69.44831	67.60656	70.22046	0	29.77954	13.43498	16.34456	30.91229	2
1994.35	1995.297	1350.797	68.41001	34.80503	67.49532	65.97495	75.72885	0	24.27115	10.38164	13.88951	30.70118	2
1994.355	1995.303	1350.803	69.58428	29.25884	69.609	68.31113	68.71023	0	31.28977	15.22576	16.06401	30.70172	2
1994.36	1995.308	1350.808	68.83028	29.64081	68.2864	67.92794	73.71808	0	26.28192	17.60273	8.679191	30.4061	9
1994.365	1995.313	1350.813	71.53728	25.34748	71.30242	70.73383	69.87173	0	30.12827	9.895329	20.23294	30.66377	9
1994.37	1995.318	1350.818	67.66837	20.65689	67.17394	66.37049	76.57796	0	23.42204	16.12162	7.300422	30.40784	9
1994.375	1995.323	1350.823	66.80312	22.29172	66.08619	65.4558	78.70269	0	21.29731	15.0199	6.277418	30.47284	9
1994.38	1995.329	1350.829	72.61266	39.89286	72.50141	72.55086	64.40444	0	35.59556	9.95743	25.63813	31.04014	9
1994.385	1995.334	1350.834	72.78571	46.03493	72.67446	70.88216	62.75886	0	37.24114	8.281753	28.95939	31.55629	9
1994.39	1995.339	1350.839	71.31478	40.62624	70.89452	68.9786	67.8159	0	32.1841	16.86657	15.31753	31.03058	9
1994.395	1995.344	1350.844	70.5237	40.1526	69.78205	68.11335	71.14901	0	28.85099	9.637053	19.21394	30.80765	9
1994.4	1995.349	1350.849	70.56078	47.99061	70.12815	68.26168	66.8232	0	33.1768	5.221642	27.95515	31.05945	9
1994.405	1995.354	1350.854	73.49027	54.63687	73.32958	70.37537	60.41217	0.208732	39.3791	27.1826	12.1965	31.80275	9
1994.41	1995.36	1350.86	81.16629	37.2038	81.25281	82.77318	55.65313	1.802565	42.54431	21.3081	21.23621	30.9284	9
1994.415	1995.365	1350.865	89.38617	58.30378	89.22548	86.32071	44.90055	5.944372	49.15508	28.8973	20.25778	30.29118	9
1994.42	1995.37	1350.87	105.7765	122.5968	106.9013	110.1275	4.299779	34.96622	60.734	53.06045	7.673544	-9999	10
1994.425	1995.375	1350.875	107.0497	196.1641	106.7406	102.9335	0	28.0275	71.9725	71.9725	0	-9999	10
1994.43	1995.38	1350.88	109.8185	303.8641	110.0657	108.9161	0	44.86204	55.13796	55.13796	0	-9999	10
1994.435	1995.386	1350.886	109.6825	352.6034	110.7084	115.0471	0	56.82012	43.17988	43.17988	0	-9999	10

1994.44	1995.391	1350.891	112.9581	316.1788	112.8345	112.031	0	46.34841	53.65159	53.65159	0	-9999	10
1994.445	1995.396	1350.896	112.4142	234.4374	112.1917	113.7245	0	38.70308	61.29692	61.29692	0	-9999	10
1994.45	1995.401	1350.901	109.6701	230.6636	109.2993	107.3587	0	32.87492	67.12508	67.12508	0	-9999	10
1994.455	1995.406	1350.906	109.2499	194.4529	109.3858	111.7591	0	35.35496	64.64504	64.64504	0	-9999	10
1994.46	1995.412	1350.912	105.6035	183.4063	105.2944	106.3822	0.855385	25.57682	73.5678	73.5678	0	-9999	10
1994.465	1995.417	1350.917	106.9508	185.8662	106.7777	106.1226	0	28.51546	71.48454	71.48454	0	-9999	10
1994.47	1995.422	1350.922	105.381	195.8891	105.0596	106.3822	0	26.07643	73.92357	73.92357	0	-9999	10
1994.475	1995.427	1350.927	103.1066	215.614	103.5268	103.465	0	31.08238	68.91762	68.91762	0	-9999	10
1994.48	1995.432	1350.932	83.93509	163.4064	83.0822	80.18979	29.84526	8.591852	61.56288	30.51262	31.05026	27.7717	4
1994.485	1995.438	1350.938	82.13042	122.0468	80.48645	75.86353	47.64551	3.248158	49.10633	33.36119	15.74514	29.54438	4
1994.49	1995.443	1350.943	82.97095	184.1397	79.85605	75.98714	43.24542	3.770894	52.98368	22.82764	30.15604	27.96115	4
1994.495	1995.448	1350.948	69.08985	60.2289	67.86614	66.32105	71.34571	0	28.65429	10.20108	18.45321	30.91505	4
1994.5	1995.453	1350.953	67.48296	51.84086	66.75367	66.39521	71.02214	0	28.97786	16.06745	12.91041	30.56767	4
1994.505	1995.458	1350.958	70.25176	51.8867	69.29998	67.69309	70.18807	0	29.81193	23.78277	6.02916	30.87955	4
1994.51	1995.463	1350.963	71.6856	63.20826	71.2159	69.34943	62.39308	0	37.60692	25.65316	11.95376	31.50922	4
1994.515	1995.469	1350.969	71.51255	41.80271	71.24062	71.01813	66.1997	0	33.8003	23.36714	10.43316	30.84112	4
1994.52	1995.474	1350.974	72.45197	57.89125	71.74741	70.00455	64.79486	0	35.20514	23.13237	12.07277	31.28415	4
1994.525	1995.479	1350.979	70.25176	45.51545	69.38651	67.45823	71.05934	0	28.94066	7.244397	21.69626	30.87911	4
1994.53	1995.484	1350.984	72.37781	69.36561	71.2777	71.6238	65.15176	0	34.84824	21.46192	13.38632	30.86399	4
1994.535	1995.489	1350.989	78.63234	58.19683	78.47165	76.976	54.81996	1.774414	43.40562	29.59317	13.81246	30.83948	4
1994.54	1995.495	1350.995	77.24793	78.21201	75.40618	73.28014	64.27815	0	35.72185	16.13219	19.58967	31.10205	4
1994.545	1995.5	1351	79.72008	87.08898	79.38634	80.17743	48.16848	3.629	48.20252	34.31389	13.88864	29.07391	4
1994.55	1995.505	1351.005	83.21817	57.34122	82.72374	82.15514	53.39454	2.256824	44.34864	29.64995	14.69869	30.72211	4
1994.555	1995.51	1351.01	70.44953	32.10069	70.84508	71.06757	64.3526	0	35.6474	9.858477	25.78892	30.79115	4
1994.56	1995.515	1351.015	65.87606	27.9907	65.39399	65.24566	76.3563	0	23.6437	23.46937	0.174321	30.27809	4
1994.565	1995.521	1351.021	65.33219	38.80807	64.97373	64.51638	73.28091	0	26.71909	20.74364	5.975457	30.3311	4
1994.57	1995.526	1351.026	67.39643	52.66591	66.95144	66.63007	68.69878	0	31.30122	16.16683	15.13439	30.56897	4
1994.575	1995.531	1351.031	70.68439	57.20371	69.21346	67.1863	72.52675	0	27.47325	22.03902	5.434232	30.94863	4
1994.58	1995.536	1351.036	78.43456	93.88803	77.79181	74.30608	50.10067	3.031097	46.86823	26.20634	20.66189	29.87212	4
1994.585	1995.541	1351.041	77.92777	111.5656	77.65584	76.03658	43.41509	4.925794	51.65912	21.95841	29.70071	28.52484	4
1994.59	1995.547	1351.047	79.42342	73.3992	80.437	81.90793	41.3126	5.957644	52.72976	18.85489	33.87486	28.6002	4
1994.595	1995.552	1351.052	76.74114	122.5357	75.22077	70.26412	51.52737	2.813336	45.65929	32.38333	13.27596	29.61004	4
1994.6	1995.557	1351.057	75.57924	59.92333	75.20841	73.46555	58.83953	0.646692	40.51378	18.7522	21.76158	31.31682	4
1994.605	1995.562	1351.062	75.29494	93.84219	74.51621	69.68317	54.05397	2.086197	43.85983	30.20774	13.65209	30.41519	4
1994.61	1995.567	1351.067	67.86614	36.30235	66.92672	66.50646	76.05845	0	23.94155	20.39685	3.544697	30.51325	4
1994.615	1995.573	1351.073	71.78449	50.38938	70.90688	70.78327	68.56553	0	31.43447	15.57437	15.8601	30.68735	4
1994.62	1995.578	1351.078	77.82889	55.49248	77.48279	80.0909	57.65052	0.950068	41.39941	23.91091	17.48851	30.53825	4
1994.625	1995.583	1351.083	80.28867	56.97453	80.64714	80.10326	49.56851	3.523194	46.90829	30.65451	16.25378	30.05563	4
1994.63	1995.588	1351.088	75.13425	83.02482	74.34316	73.13181	56.91541	1.302649	41.78194	12.27527	29.50667	30.38479	4
1994.635	1995.593	1351.093	87.53206	167.822	92.92134	95.88792	0	35.62458	64.37542	64.37542	0	-9999	4
1994.64	1995.598	1351.098	81.46294	89.39607	82.42708	86.06114	35.94818	7.863921	56.1879	26.49839	29.68951	27.73099	4
1994.645	1995.604	1351.104	74.81287	92.98658	76.19727	77.49515	37.94029	6.187473	55.87223	34.58188	21.29035	27.94191	4
1994.65	1995.609	1351.109	76.37032	64.36945	78.7065	81.96973	36.05652	7.079936	56.86355	31.46864	25.39491	28.13776	4
1994.655	1995.614	1351.114	82.31583	71.6727	82.88443	80.85727	42.51804	5.939408	51.54255	26.35608	25.18648	29.45715	4
1994.66	1995.619	1351.119	83.3665	73.26169	85.19588	84.49132	31.39574	10.50808	58.09619	36.05411	22.04208	28.71492	4
1994.665	1995.624	1351.124	75.91297	65.4848	75.3691	75.9377	58.52775	0.753998	40.71825	10.40289	30.31536	30.74064	4
1994.67	1995.63	1351.13	71.64852	46.1266	72.19239	75.45563	58.70571	0.410779	40.88351	10.77899	30.10452	30.44667	4
1994.675	1995.635	1351.135	70.25176	34.63697	70.61022	70.78327	64.20816	0	35.79184	8.215402	27.57644	30.79248	4
1994.68	1995.64	1351.14	74.08359	38.24276	74.09595	74.19483	62.49256	0	37.50744	18.45547	19.05198	31.40344	4
1994.685	1995.645	1351.145	75.43091	63.98748	74.31844	72.50141	63.74021	0	36.25979	21.54104	14.71875	31.40031	4
1994.69	1995.65	1351.15	73.07001	110.4808	70.72147	70.67202	64.24042	0.240864	35.51871	23.01277	12.50594	30.69245	4
1994.695	1995.656	1351.156	73.2925	118.3646	71.09229	63.47808	60.97829	1.019022	38.00269	24.77322	13.22947	31.31314	4
1994.7	1995.661	1351.161	80.48645	117.0201	79.23801	76.92655	47.30897	3.616156	49.07487	18.0544	31.02047	29.04691	4
1994.705	1995.666	1351.166	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1995.275	1996.258	1351.758	79.28745	51.06164	79.22565	77.90305	55.1776	1.725269	43.09713	17.96695	25.13018	31.02584	-9999
1995.28	1996.263	1351.763	80.46172	35.78287	81.43822	82.82262	49.7479	3.798337	46.45376	31.24525	15.20851	30.09277	4
1995.285	1996.268	1351.768	75.27022	42.13884	74.81287	75.43091	64.09824	0	35.90176	23.08336	12.8184	31.12231	4
1995.29	1996.273	1351.773	72.13059	55.88973	70.80799	68.59542	70.36468	0	29.63532	6.487602	23.14772	30.98745	4
1995.295	1996.279	1351.779	75.3073	68.29609	73.44083	70.43717	68.65478	0	31.34522	11.96096	19.38426	31.03555	4
1995.3	1996.284	1351.784	76.54337	55.7675	75.70284	73.9847	62.59847	0	37.40153	16.66201	20.73952	31.63694	4
1995.305	1996.289	1351.789	74.03414	68.1433	73.52735	72.22948	59.32553	0.612037	40.06243	11.97565	28.08678	31.03735	4
1995.31	1996.294	1351.794	76.2838	100.2287	75.76465	75.07245	49.58698	3.230413	47.18261	16.72064	30.46197	29.02802	4
1995.315	1996.299	1351.799	71.10465	74.65206	69.12693	67.9403	71.84523	0	28.15477	4.686338	23.46843	30.88994	4
1995.32	1996.305	1351.805	73.55208	58.53296	72.83515	72.08115	63.72326	0	36.27674	14.52808	21.74866	31.23296	4
1995.325	1996.31	1351.81	75.13425	50.46577	74.84995	75.07245	60.86707	0.074297	39.05863	18.2477	20.81092	31.47918	4
1995.33	1996.315	1351.815	74.00942	45.71407	74.14539	75.023	59.79477	0.276005	39.92922	9.588232	30.34099	31.20241	4
1995.335	1996.32	1351.82	78.68178	44.00285	78.61998	78.84247	57.44305	1.061511	41.49544	18.68659	22.80885	31.2085	4
1995.34	1996.325	1351.825	79.93021	51.65751	80.01674	80.30103	53.29252	2.341204	44.36628	23.36503	21.00125	30.4681	4
1995.345	1996.33	1351.83	80.63477	91.5351	79.37398	77.35918	53.43567	1.893559	44.67077	18.48294	26.18783	30.22188	4
1995.35	1996.336	1351.836	80.69658	66.95156	79.7448	79.43578	56.93314	1.00439	42.06247	12.02962	30.03286	30.91155	4
1995.355	1996.341	1351.841	81.58655	65.08755	81.03032	80.88199	53.49999	2.116064	44.38394	12.89781	31.48614	30.42771	4
1995.36	1996.346	1351.846	79.07732	58.25794	78.43456	77.55695	58.13182	0.77936	41.08882	23.55821	17.53061	31.27918	4
1995.365	1996.351	1351.851	82.34056	70.93932	81.50003	80.07854	53.59348	1.957484	44.44904	18.31226	26.13678	30.62174	4

1995.37	1996.356	1351.856	82.85971	57.18843	82.22931	80.3752	54.81505	1.750848	43.4341	28.76502	14.66908	31.15665	4
1995.375	1996.362	1351.862	83.40358	59.84693	82.81026	82.01918	53.38394	2.199534	44.41652	20.70225	23.71428	30.72392	4
1995.38	1996.367	1351.867	85.12172	66.23346	84.99811	85.39366	46.61748	4.676888	48.70563	21.95605	26.74958	29.59318	4
1995.385	1996.372	1351.872	83.7744	45.98909	83.144	82.77318	56.68377	1.270555	42.04567	12.79817	29.2475	31.43504	4
1995.39	1996.377	1351.877	88.4344	86.63061	87.804	85.10936	42.56133	5.631777	51.8069	21.50679	30.3001	29.63108	4
1995.395	1996.382	1351.882	87.16124	74.10202	87.33429	86.55556	40.53783	7.153857	52.30831	27.45972	24.8486	29.19354	4
1995.4	1996.388	1351.888	86.67917	87.56262	87.06235	88.95355	36.09534	8.566371	55.33829	37.24861	18.08968	28.22789	4
1995.405	1996.393	1351.893	88.70633	74.54511	89.46034	92.66177	34.50672	10.30201	55.19127	37.55054	17.64073	28.10058	4
1995.41	1996.398	1351.898	92.82246	65.79037	92.42691	91.42569	41.74753	7.223935	51.02853	33.6497	17.37883	29.63675	4
1995.415	1996.403	1351.903	89.41089	82.33728	88.38495	85.24533	45.7674	4.20895	50.02365	20.14405	29.87961	30.16937	4
1995.42	1996.408	1351.908	88.00177	71.18378	87.70511	86.69153	44.11099	5.641796	50.24721	33.72614	16.52107	29.6411	4
1995.425	1996.414	1351.914	86.96347	66.27929	87.56914	88.12538	39.26003	8.091873	52.6481	19.35146	33.29664	28.93832	4
1995.43	1996.419	1351.919	89.58394	65.63759	90.53572	91.75943	34.32221	11.13122	54.54657	24.55246	29.99411	28.54938	4
1995.435	1996.424	1351.924	90.77057	23.28484	90.65933	91.17848	51.7183	4.508823	43.77288	21.47989	22.29298	31.0295	4
1995.44	1996.429	1351.929	95.85083	32.89519	96.01152	96.97566	42.61125	9.827686	47.56106	20.42311	27.13795	29.6053	4
1995.445	1996.434	1351.934	100.6221	45.85158	101.4873	104.0336	29.62591	19.98731	50.38678	34.18967	16.19711	27.81706	4
1995.45	1996.439	1351.939	101.3761	36.1954	100.9311	100.0411	41.42336	10.62788	47.94876	22.20091	25.74785	29.86088	4
1995.455	1996.445	1351.945	100.2513	69.96148	99.7321	100.6097	34.86159	11.52254	53.61588	26.95578	26.6601	28.78258	4
1995.46	1996.45	1351.95	94.6024	98.57861	95.72723	93.14383	20.39236	18.49551	61.11213	43.29052	17.82161	28.77063	4
1995.465	1996.455	1351.955	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1996.255	1996.558	1352.058	127.3583	104.3387	125.7144	124.503	10.32119	27.92824	61.75058	43.29235	18.45822	27.39476	7
1996.26	1996.562	1352.062	121.9691	89.57942	120.4981	118.5699	17.50993	23.38002	59.11005	32.64994	26.46012	27.95304	7
1996.265	1996.567	1352.067	119.8059	128.6167	118.3968	115.8629	9.574015	24.47269	65.9533	62.53577	3.417524	28.74163	7
1996.27	1996.571	1352.071	119.707	122.3677	118.4463	111.9198	10.0277	26.4655	63.5068	58.44381	5.06299	29.17881	7
1996.275	1996.576	1352.076	120.7453	100.7176	120.1273	118.8171	9.330396	38.18829	52.48131	34.17886	18.30246	26.72236	7
1996.28	1996.58	1352.08	117.0248	85.8514	117.2596	117.4327	9.741059	43.9799	46.27904	29.65246	16.62658	25.94444	7
1996.285	1996.585	1352.085	111.3017	78.50231	110.3747	109.3117	25.78951	18.30025	55.91024	29.80416	26.10608	28.42973	7
1996.29	1996.589	1352.089	108.0632	121.6801	105.7394	103.5763	29.14482	4.944352	65.91083	31.06324	34.84758	29.79203	7
1996.295	1996.594	1352.094	110.1151	81.02331	109.6949	108.8543	22.3435	22.79595	54.86055	24.92624	29.93431	27.98408	7
1996.3	1996.598	1352.098	114.5032	105.7291	114.5032	113.5885	9.07064	36.52751	54.40185	43.163	11.23885	27.27911	7
1996.305	1996.603	1352.103	113.9593	140.9925	113.057	112.1794	8.030345	25.82616	66.1435	54.64332	11.50018	28.62927	7
1996.31	1996.607	1352.107	114.4414	127.7611	113.6256	112.4142	10.11827	26.68851	63.19321	41.04953	22.14368	28.34334	7
1996.315	1996.611	1352.111	118.8171	141.0536	116.7157	112.3771	12.83859	13.09742	74.06399	54.72661	19.33738	30.17768	7
1996.32	1996.616	1352.116	118.7429	206.7217	114.9482	108.8543	10.13914	0	89.86086	60.30017	29.56069	22.2878	7
1996.325	1996.62	1352.12	126.0234	246.5382	125.1705	123.6625	0	54.26185	45.73815	45.73815	0	-9999	7
1996.33	1996.625	1352.125	117.445	181.0992	115.9247	113.502	0	23.68135	76.31865	76.31865	0	-9999	7
1996.335	1996.629	1352.129	117.4079	197.0961	116.4315	108.5206	0	33.03689	66.96311	66.96311	0	-9999	7
1996.34	1996.634	1352.134	115.0223	217.9363	113.7492	113.4154	0	27.27648	72.72352	72.72352	0	-9999	7
1996.345	1996.638	1352.138	111.549	119.4952	110.2387	107.816	18.61145	16.93115	64.45741	36.40195	28.05546	28.9749	7
1996.35	1996.643	1352.143	110.3871	159.984	107.8407	104.7629	19.46169	5.857074	74.68123	44.02713	30.6541	30.0655	7
1996.355	1996.647	1352.147	107.0002	153.078	104.1325	101.3637	26.73953	2.200999	71.05947	37.49787	33.56161	29.95034	7
1996.36	1996.651	1352.151	108.9903	177.2795	106.8024	98.86685	13.78312	10.21883	75.99806	45.12551	30.87254	30.82036	7
1996.365	1996.656	1352.156	106.9013	163.8648	105.418	102.1177	13.49098	14.87663	71.63239	61.10391	10.52848	29.51475	7
1996.37	1996.66	1352.16	102.3897	99.87731	101.1289	100.3007	31.40236	9.766073	58.83156	41.64609	17.18548	28.99717	5
1996.375	1996.665	1352.165	98.54547	75.58406	97.40829	96.3329	39.86002	6.935907	53.20407	27.9678	25.23627	29.67021	5
1996.38	1996.669	1352.169	99.85571	95.61453	97.79147	94.92378	40.99191	3.165662	55.84243	19.93298	35.90945	30.26924	5
1996.385	1996.674	1352.174	98.27354	98.91474	95.96208	93.39105	43.56477	1.645328	54.78991	36.4439	18.34601	30.40626	5
1996.39	1996.678	1352.178	94.14505	62.71934	93.09439	92.55052	46.3511	4.541768	49.10713	26.20913	22.898	30.23305	5
1996.395	1996.683	1352.183	93.26744	66.93628	92.66177	88.76814	42.68936	6.546846	50.76379	24.68864	26.07515	30.28909	5
1996.4	1996.687	1352.187	93.10675	63.36105	92.25386	90.86946	45.61831	5.074887	49.3068	21.53337	27.77342	30.21923	5
1996.405	1996.691	1352.191	90.09073	33.81191	89.62103	89.64575	52.57428	3.387488	44.03823	20.1422	23.89604	31.13901	5
1996.41	1996.696	1352.196	90.96835	41.23739	90.11546	91.59874	52.93957	2.689397	44.37103	23.64577	20.72526	30.90712	5
1996.415	1996.7	1352.2	89.8806	38.41082	89.39853	89.80644	51.75046	3.553176	44.69637	14.34391	30.35245	30.87178	5
1996.42	1996.705	1352.205	84.66437	50.86302	84.35535	84.08342	52.19482	2.873475	44.93171	17.29088	27.64083	30.65372	5
1996.425	1996.709	1352.209	85.25769	69.79341	85.01047	83.55191	46.58883	4.573974	48.83719	18.45199	30.3852	29.88417	5
1996.43	1996.714	1352.214	88.81758	116.027	88.44676	88.03885	33.08317	8.752563	58.16426	36.35187	21.81239	28.26403	5
1996.435	1996.718	1352.218	95.43057	131.9933	94.91142	94.45407	24.28492	12.53971	63.17537	44.93917	18.23619	28.26446	5
1996.44	1996.723	1352.223	89.46034	82.99427	88.28607	86.14766	46.71247	3.705138	49.5824	19.2801	30.30229	30.09483	5
1996.445	1996.727	1352.227	92.97078	103.8498	92.64941	91.96956	31.82592	10.2224	57.95168	39.68796	18.26372	28.54603	5
1996.45	1996.732	1352.232	93.58882	154.667	92.8719	89.83116	22.02503	12.09902	65.87596	31.36871	34.50725	28.5652	5
1996.455	1996.736	1352.236	89.4727	123.1469	88.31079	83.7744	36.88837	6.466133	56.6455	20.20677	36.43873	29.16211	5
1996.46	1996.74	1352.24	87.33429	112.5434	85.99933	81.1292	42.76288	4.538477	52.69864	34.18819	18.51045	29.64837	5
1996.465	1996.745	1352.245	87.56914	113.7351	85.27005	79.62119	49.73048	1.455651	48.81387	27.31223	21.50164	30.58776	5
1996.47	1996.749	1352.249	86.43196	122.551	84.50368	81.10448	45.76938	3.10569	51.12493	33.54889	17.57604	29.45864	5
1996.475	1996.754	1352.254	87.81636	92.14625	87.37137	85.54198	40.3582	6.435838	53.20596	37.47892	15.72704	29.17488	5
1996.48	1996.758	1352.258	88.24898	89.3044	88.06357	86.96347	38.6362	7.390918	53.97288	37.64079	16.33209	28.96413	5
1996.485	1996.763	1352.263	87.40846	75.53823	86.08586	82.55069	51.55411	2.100968	46.34493	25.15261	21.19231	30.97546	5
1996.49	1996.767	1352.267	89.00299	86.29448	87.89052	84.00925	45.8556	4.019369	50.12504	34.59716	15.52788	30.24138	5
1996.495	1996.772	1352.272	89.1266	93.91859	87.89052	84.08342	44.8548	4.111381	51.03382	26.15669	24.87713	30.02983	5
1996.5	1996.776	1352.276	88.92883	75.67574	87.97705	87.30957	47.24822	3.877336	48.87445	16.0076	32.86685	29.9415	5
1996.505	1996.78	1352.28	94.42935	77.44807	94.23158	94.37991	35.91529	9.917667	54.16704	23.47439	30.69265	28.84538	5
1996.51	1996.785	1352.285	92.83482	142.6579	91.27736	89.34909	32.13902	7.150209	60.71077	38.54602	22.16475	28.49671	5
1996.515	1996.789	1352.289	91.12904	125.2401	89.07715	87.63095	41.75527	3.548098	54.69663	18.04453	36.6521	29.082	5

1996.52	1996.794	1352.294	88.9041	81.6039	87.95233	85.851	45.83635	4.269125	49.89453	32.67498	17.21955	29.959	5
1996.525	1996.798	1352.298	85.5049	39.34283	85.29477	85.40602	53.44305	2.737338	43.81961	24.69663	19.12298	30.98574	5
1996.53	1996.803	1352.303	88.39731	54.94245	88.05121	88.66925	48.06068	4.536464	47.40286	17.81979	29.58307	30.02485	5
1996.535	1996.807	1352.307	86.37015	48.31146	86.4814	85.29477	47.98592	4.804783	47.20929	14.57485	32.63445	30.34636	5
1996.54	1996.812	1352.312	83.144	48.76983	82.55069	79.00316	56.30341	1.372398	42.32419	26.63592	15.68827	31.86932	5
1996.545	1996.816	1352.316	81.1292	41.74159	80.44936	81.10448	60.52843	0.093049	39.37852	17.26162	22.1169	31.86828	5
1996.55	1996.82	1352.32	82.32819	41.98605	82.41472	82.22931	53.42687	2.561505	44.01163	13.81563	30.19599	30.85123	5
1996.555	1996.825	1352.325	78.12555	44.52233	77.05016	74.70162	65.68432	0	34.31568	13.52285	20.79283	31.41423	5
1996.56	1996.829	1352.329	77.09961	39.99981	75.90061	73.83637	68.68059	0	31.31941	15.56354	15.75587	31.04141	5
1996.565	1996.834	1352.334	77.96486	26.81424	77.63112	76.59282	64.36977	0	35.63023	9.951473	25.67876	31.77662	5
1996.57	1996.838	1352.338	82.06862	34.89671	81.3517	79.94257	61.60802	0	38.39198	11.85042	26.54156	32.34597	5
1996.575	1996.843	1352.343	81.28989	58.25794	80.3752	77.3221	58.20376	0.647221	41.14902	13.26397	27.88505	31.83209	5
1996.58	1996.847	1352.347	78.16263	32.03958	78.10082	77.49515	60.81578	0.097908	39.08631	23.28556	15.80075	32.16611	5
1996.585	1996.852	1352.352	75.29494	29.91583	74.81287	73.83637	67.22506	0	32.77494	10.69051	22.08443	31.14637	5
1996.59	1996.856	1352.356	73.95998	26.69201	73.73749	73.46555	67.22168	0	32.77832	18.91586	13.86247	30.96885	5
1996.595	1996.861	1352.361	74.77579	30.43531	74.30608	73.51499	67.48117	0	32.51883	16.63474	15.88409	31.05374	5
1996.6	1996.865	1352.365	73.51499	30.40475	73.09473	71.99462	68.26531	0	31.73469	24.24794	7.486751	30.97111	5
1996.605	1996.869	1352.369	76.55573	45.42378	75.81409	73.18125	64.32391	0	35.67609	9.331829	26.34426	31.68007	5
1996.61	1996.874	1352.374	77.92777	53.70487	77.22321	77.14905	60.77022	0.066279	39.1635	17.62891	21.53459	31.61888	5
1996.615	1996.878	1352.378	74.49149	54.56048	73.71276	74.17011	64.29932	0	35.70068	7.124707	28.57597	30.97911	5
1996.62	1996.883	1352.383	74.52857	51.04636	73.28014	71.72269	68.75586	0	31.24414	16.86649	14.37765	30.90949	5
1996.625	1996.887	1352.387	72.39017	36.42458	71.41367	70.05399	72.15416	0	27.84584	18.71735	9.128494	30.73023	5
1996.63	1996.892	1352.392	76.23435	44.01813	75.46799	75.55451	65.15134	0	34.84866	13.74697	21.10169	31.07086	5
1996.635	1996.896	1352.396	77.21085	31.99374	76.56809	74.60274	66.20491	0	33.79509	10.25659	23.53851	31.50201	5
1996.64	1996.901	1352.401	83.4283	33.47578	82.95859	81.50003	58.78506	0.785145	40.42979	17.9272	22.5026	32.19793	5
1996.645	1996.905	1352.405	92.04373	38.01357	91.85832	91.04251	47.55742	5.884989	46.55759	25.48077	21.07682	30.52672	5
1996.65	1996.909	1352.409	88.10066	37.43298	87.39609	86.98819	55.34897	1.912596	42.73844	17.63683	25.10161	31.56741	5
1996.655	1996.914	1352.414	89.2502	42.85694	88.58272	88.06357	52.6914	2.858274	44.45033	19.85958	24.59075	31.11967	5
1996.66	1996.918	1352.418	93.11911	73.42976	91.00543	89.02771	52.94147	0.105706	46.95282	22.75915	24.19367	31.42091	5
1996.665	1996.923	1352.423	98.38478	210.5414	94.67657	89.10188	27.27367	1.644648	71.08168	38.35042	32.73125	29.26718	5
1996.67	1996.927	1352.427	105.5787	142.2148	103.292	100.2636	26.17379	6.075308	67.7509	38.66018	29.09072	29.61244	5
1996.675	1996.932	1352.432	111.4501	93.09353	111.3759	110.041	15.51207	29.4871	55.00084	35.43638	19.56445	27.66679	5
1996.68	1996.936	1352.436	112.9457	57.61623	112.9457	111.7467	22.1468	30.47866	47.37454	29.47367	17.90087	27.1647	5
1996.685	1996.941	1352.441	114.1571	100.3815	114.5032	114.0953	8.000886	40.35196	51.64715	42.44876	9.198392	26.88812	5
1996.69	1996.945	1352.445	103.5021	177.3865	104.3179	99.2624	0	32.30292	67.69708	67.69708	0	-9999	5
1996.695	1996.949	1352.449	100.3254	151.5043	99.68266	101.3143	16.01796	16.25032	67.73173	56.2385	11.49323	28.12199	5
1996.7	1996.954	1352.454	105.6776	308.5089	103.0324	91.09195	0	14.45504	85.54496	85.54496	0	-9999	5
1996.705	1996.958	1352.458	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1997	1997.221	1352.721	112.748	51.85614	112.8098	111.8703	23.24372	30.54711	46.20918	29.74281	16.46637	27.09225	7
1997.005	1997.225	1352.725	114.0706	71.94772	113.2918	111.9074	23.67887	22.93284	53.38829	36.8358	16.55248	27.96577	7
1997.01	1997.23	1352.73	108.3105	91.56566	107.8655	105.7023	21.64414	21.0726	57.28326	30.46378	26.81947	28.41727	7
1997.015	1997.234	1352.734	109.0768	134.9879	106.7283	102.6987	25.18343	5.852666	68.9639	49.17318	19.79072	30.05491	7
1997.02	1997.239	1352.739	108.5824	137.2339	105.7023	102.7234	29.21399	1.008658	69.77735	28.04466	41.7327	30.28223	7
1997.025	1997.243	1352.743	108.2981	120.2286	105.5664	103.0201	32.44127	1.194156	66.36457	32.02376	34.34081	30.30555	7
1997.03	1997.247	1352.747	102.6863	87.16537	101.1041	97.32176	36.69641	6.740522	56.56307	30.76915	25.79391	30.08283	7
1997.035	1997.252	1352.752	103.8606	95.69092	102.8841	100.276	28.85891	12.54612	58.59496	38.62958	19.96538	29.12436	7
1997.04	1997.256	1352.756	104.8	113.2768	104.2438	101.8211	20.48182	17.91335	61.60483	42.71719	18.88763	28.72929	7
1997.045	1997.261	1352.761	104.5528	79.55654	104.2314	104.5033	27.04944	17.37809	55.57247	36.13953	19.43295	28.25335	7
1997.05	1997.265	1352.765	106.7901	109.7321	105.7518	100.0535	23.24479	15.15389	61.60132	44.51234	17.08897	29.52441	7
1997.055	1997.27	1352.77	104.8371	124.6442	103.6999	100.276	22.19919	13.88294	63.91787	35.33256	28.58532	29.14699	7
1997.06	1997.274	1352.774	105.7023	126.7374	104.1078	98.78033	24.44104	10.74979	64.80917	37.9409	26.86827	29.72907	7
1997.065	1997.279	1352.779	101.6357	140.1369	98.632	93.24272	35.86042	0.490526	63.64905	22.16941	41.47964	30.38717	7
1997.07	1997.283	1352.783	98.76797	123.3455	96.79025	94.1945	34.61117	5.289035	60.0998	40.52572	19.57408	29.38237	7
1997.075	1997.288	1352.788	98.73088	128.2194	97.64314	95.90028	26.56851	10.87939	62.55211	38.17983	24.37228	28.71232	7
1997.08	1997.292	1352.792	97.81619	94.54502	96.65428	94.35519	36.134	7.721089	56.14491	24.70252	31.44239	29.4176	7
1997.085	1997.296	1352.796	97.29704	112.5587	95.31932	92.43927	38.57483	4.208999	57.21617	30.83291	26.38326	29.69706	7
1997.09	1997.301	1352.801	97.3712	120.1675	96.39471	92.46399	28.90581	10.29494	60.79924	41.99215	18.8071	29.14151	7
1997.095	1997.305	1352.805	100.7457	170.343	99.49725	90.511	15.76633	13.73465	70.49902	50.57942	19.9196	30.17818	7
1997.1	1997.31	1352.81	99.28712	139.3424	98.48367	93.36633	21.16172	13.70111	65.13717	33.54387	31.5933	29.25477	7
1997.105	1997.314	1352.814	100.6344	146.8748	100.8693	96.97566	10.0525	22.26519	67.68231	54.41493	13.26738	29.33176	7
1997.11	1997.319	1352.819	101.9694	132.3752	101.4379	99.94224	18.27256	16.97261	64.75483	43.62695	21.12788	28.62588	7
1997.115	1997.323	1352.823	101.2525	155.9504	100.9187	101.2896	11.69421	19.40287	68.90292	61.92674	6.976174	28.52732	7
1997.12	1997.328	1352.828	94.68893	91.73372	93.218	90.07837	42.08631	4.668118	53.24557	35.29705	17.94852	30.0067	7
1997.125	1997.332	1352.832	94.55296	115.4158	91.92012	88.9041	45.48513	0.781751	53.73312	32.52337	21.20975	30.24595	7
1997.13	1997.336	1352.836	94.6024	108.2042	93.37869	93.10675	36.26414	6.953903	56.78196	24.76353	32.01843	28.80034	7
1997.135	1997.341	1352.841	99.10171	129.6098	98.95338	101.1412	18.61041	17.09733	64.29226	42.71082	21.58144	27.87742	7
1997.14	1997.345	1352.845	99.9546	132.0086	99.70738	100.5232	18.01161	17.30602	64.68237	35.92818	28.75419	28.15541	7
1997.145	1997.35	1352.85	97.96452	143.0857	97.38357	97.68022	19.74831	14.48942	65.76228	40.58953	25.17275	28.20712	7
1997.15	1997.354	1352.854	92.83482	113.2462	91.9572	91.22792	33.98787	8.210606	57.80152	33.83006	23.97146	28.58831	7
1997.155	1997.359	1352.859	91.6111	106.0958	90.60988	87.28485	37.80206	6.691354	55.50659	39.10667	16.39991	29.30696	7
1997.16	1997.363	1352.863	96.2093	170.5416	95.75195	96.49359	13.76082	15.94342	70.29576	47.89218	22.40358	28.24575	7
1997.165	1997.368	1352.868	97.74203	116.2256	97.66786	97.61842	22.52552	15.56817	61.90632	41.52166	20.38465	28.25579	7
1997.17	1997.372	1352.872	95.07211	165.1329	95.08447	89.52214	12.4757	17.36452	70.15978	56.46171	13.69807	29.48096	7

1997.175	1997.376	1352.876	93.67535	130.5112	93.03259	90.96835	27.21634	10.86632	61.91734	27.37922	34.53812	28.51795	7
1997.18	1997.381	1352.881	87.70511	83.02482	86.28363	84.83742	50.23579	2.340931	47.42328	28.12417	19.29911	30.31134	7
1997.185	1997.385	1352.885	86.72861	29.25884	86.53084	86.40724	54.66177	2.609519	42.72871	28.06715	14.66156	31.42255	7
1997.19	1997.39	1352.89	86.7657	54.07156	85.4431	82.84735	57.34038	0.493765	42.16586	15.21941	26.94644	32.0315	7
1997.195	1997.394	1352.894	87.92761	65.72926	86.20946	83.81148	56.51572	0.204807	43.27947	15.04361	28.23587	31.77069	7
1997.2	1997.399	1352.899	94.20686	205.2397	91.78415	81.46294	22.43764	7.772123	69.79024	45.08169	24.70855	29.59468	7
1997.205	1997.403	1352.903	99.42309	173.4599	100.7951	93.09439	0	30.69965	69.30035	69.30035	0	-9999	7
1997.21	1997.408	1352.908	95.8632	156.1184	93.70007	84.94867	30.78944	5.904213	63.30635	40.98599	22.32036	29.877	7
1997.215	1997.412	1352.912	95.5789	161.6646	93.03259	85.17116	32.67848	4.370857	62.95067	36.34124	26.60942	29.74218	7
1997.22	1997.417	1352.917	94.61476	195.6905	92.21678	81.96973	24.18169	7.281125	68.53719	48.3498	20.18739	29.66631	7
1997.225	1997.421	1352.921	94.50351	126.1721	93.53938	91.75943	29.99519	9.40087	60.60394	29.72195	30.88199	28.6068	7
1997.23	1997.425	1352.925	92.20442	105.4388	90.93126	86.45668	39.5227	5.688558	54.78874	22.70096	32.08778	29.70603	7
1997.235	1997.43	1352.93	91.42569	126.3707	89.17604	86.65445	42.74147	2.882596	54.37594	33.77321	20.60272	29.39043	7
1997.24	1997.434	1352.934	90.18962	136.7603	87.65567	82.84735	43.56768	2.390707	54.04161	26.70343	27.33818	29.65339	7
1997.245	1997.439	1352.939	90.15254	130.1598	88.53328	87.40846	38.11022	5.376009	56.51377	35.31282	21.20095	28.57633	7
1997.25	1997.443	1352.943	92.66177	146.172	92.85954	92.03137	17.84483	15.35011	66.80506	38.9473	27.85776	28.31845	7
1997.255	1997.448	1352.948	89.8188	112.1309	88.1501	85.39366	43.16345	3.896624	52.93993	28.85419	24.08574	29.48812	7
1997.26	1997.452	1352.952	89.75699	107.4861	88.7805	85.851	38.97978	6.214564	54.80566	35.80625	18.9994	29.1943	7
1997.265	1997.457	1352.957	88.28607	123.5594	86.67917	83.72496	41.32888	4.564731	54.10639	29.85599	24.2504	29.08966	7
1997.27	1997.461	1352.961	87.69275	101.9858	85.96225	84.45424	48.0535	2.566385	49.38011	27.57579	21.80432	29.77047	7
1997.275	1997.465	1352.965	87.76692	95.00338	86.62973	83.98453	45.07682	4.149611	50.77357	23.26042	27.51314	29.72665	7
1997.28	1997.47	1352.97	91.31445	133.9184	91.79651	94.97322	19.84643	14.92055	65.23303	39.37945	25.85358	27.55057	7
1997.285	1997.474	1352.974	92.73593	99.32727	93.14383	92.05609	27.48449	13.24888	59.26663	31.93919	27.32744	28.49947	7
1997.29	1997.479	1352.979	93.47757	143.9871	95.2328	96.41943	5.552767	23.80632	70.64091	67.91796	2.72295	-9999	7
1997.295	1997.483	1352.983	93.98436	132.253	94.50351	97.39593	17.50574	16.98231	65.51195	36.33579	29.17616	27.73362	7
1997.3	1997.488	1352.988	88.01413	87.63901	88.94119	91.25264	30.63368	11.40963	57.95668	24.11014	33.84654	27.97823	7
1997.305	1997.492	1352.992	86.87694	73.32281	85.75212	85.39366	51.0465	2.477772	46.47573	25.208	21.26773	30.29944	7
1997.31	1997.497	1352.997	87.02527	107.8987	86.50612	86.25891	37.84869	6.922699	55.22861	37.61952	17.60909	28.46106	7
1997.315	1997.501	1353.001	83.47774	118.5021	81.16629	76.93892	52.43675	1.415543	46.1477	17.8083	28.3394	30.22779	7
1997.32	1997.505	1353.005	84.45424	131.8863	82.03154	76.56809	49.16156	2.080404	48.75804	23.4437	25.31434	29.889	7
1997.325	1997.51	1353.01	83.0822	115.3394	81.45058	79.79424	48.29727	2.975411	48.72732	24.38867	24.33865	29.24428	7
1997.33	1997.514	1353.014	86.37015	98.21192	84.26883	81.61127	53.05744	0.914873	46.02769	22.42402	23.60367	30.62832	7
1997.335	1997.519	1353.019	84.66437	92.98658	83.4901	81.71016	48.70661	3.078373	48.21501	19.28433	28.93069	29.80259	7
1997.34	1997.523	1353.023	77.3839	75.53823	76.38268	75.25786	58.28601	0.795825	40.91817	22.67886	18.2393	30.88574	7
1997.345	1997.528	1353.028	74.39261	36.59265	73.95998	72.95876	66.05623	0	33.94377	13.26251	20.68126	31.17248	7
1997.35	1997.532	1353.032	77.53223	77.46335	76.90183	76.2838	54.8098	1.741898	43.44831	16.25939	27.18891	30.21362	7
1997.355	1997.537	1353.037	81.16629	105.7596	78.58289	75.40618	59.75448	0	40.24552	25.45651	14.78901	30.90875	7
1997.36	1997.541	1353.041	82.11806	139.541	81.77196	87.92761	33.36474	7.868169	58.76709	23.25602	35.51106	26.37798	7
1997.365	1997.546	1353.046	78.94135	119.5258	77.80417	75.09717	47.26191	3.758034	48.98005	21.85964	27.12041	28.93908	7
1997.37	1997.55	1353.05	81.24045	109.7474	80.28867	76.64226	46.07618	4.016749	49.90707	20.49769	29.40938	29.34197	7
1997.375	1997.554	1353.054	85.7892	98.59389	85.96225	85.04756	35.87308	8.133964	55.99296	22.77671	33.21625	28.55122	7
1997.38	1997.559	1353.059	79.75716	121.2217	79.08968	77.07488	42.46071	5.137773	52.40151	18.30013	34.10139	28.43855	7
1997.385	1997.563	1353.063	79.93021	101.3899	78.87955	77.39626	50.07048	2.925473	47.00405	21.10927	25.89478	29.43572	7
1997.39	1997.568	1353.068	81.88321	72.91028	81.1292	80.05382	52.8667	2.202598	44.93071	18.84021	26.09049	30.37667	7
1997.395	1997.572	1353.072	82.76082	105.1026	81.74724	81.78432	46.28045	3.897959	49.82159	28.7338	21.08779	28.86554	7
1997.4	1997.577	1353.077	78.32332	95.44646	77.05016	76.11075	54.71146	1.725375	43.56317	20.51888	23.04429	29.95159	7
1997.405	1997.581	1353.081	77.05016	88.61685	75.70284	76.85239	58.1103	0.911713	40.97799	11.0812	29.89679	30.14224	7
1997.41	1997.586	1353.086	78.03902	76.76053	77.29738	76.18491	55.37579	1.566049	43.05816	21.46098	21.59718	30.43563	7
1997.415	1997.59	1353.09	76.48157	75.18682	76.09839	76.64226	54.41141	1.863859	43.72473	27.74003	15.9847	29.92191	7
1997.42	1997.594	1353.094	75.60396	77.09666	74.54093	72.15531	60.02539	0.468145	39.50646	24.76679	14.73967	31.26105	7
1997.425	1997.599	1353.099	80.06618	96.02706	78.92899	72.13059	51.91377	2.385349	45.70088	13.81357	31.88731	30.75906	7
1997.43	1997.603	1353.103	81.40114	102.8261	79.63356	76.66698	53.92581	1.537896	44.53629	18.83754	25.69875	30.30792	7
1997.435	1997.608	1353.108	81.20337	98.10497	79.52231	76.20963	54.57971	1.404926	44.01536	28.27668	15.73868	30.54078	7
1997.44	1997.612	1353.112	81.92029	77.81476	80.7213	80.12798	55.09434	1.374382	43.53128	27.80757	15.72371	30.54102	7
1997.445	1997.617	1353.117	79.38634	66.15706	78.75594	75.62868	55.84014	1.417122	42.74274	21.46076	21.28198	31.17174	7
1997.45	1997.621	1353.121	80.68422	39.70952	80.54825	80.90671	57.21457	1.221781	41.56365	15.80651	25.75714	31.31764	7
1997.455	1997.626	1353.126	82.60013	67.86829	81.85849	80.20215	53.33149	2.088989	44.57952	14.22649	30.35303	30.68326	7
1997.46	1997.63	1353.13	81.85849	71.27545	81.17865	81.83377	52.71029	2.282501	45.0072	22.65651	22.3507	30.06104	7
1997.465	1997.634	1353.134	83.44066	83.74293	82.4518	81.8214	50.63246	2.692257	46.67529	26.80511	19.87017	29.90102	7
1997.47	1997.639	1353.139	80.3752	50.19075	80.23923	80.80782	54.96241	1.828971	43.20862	27.0169	16.19172	30.70404	7
1997.475	1997.643	1353.143	79.17621	52.19227	79.20093	79.79424	54.33577	1.974654	43.68958	30.65881	13.03077	30.50487	7
1997.48	1997.648	1353.148	81.27753	74.94236	80.52353	79.75716	52.93216	2.182227	44.88562	32.05096	12.83466	30.2542	7
1997.485	1997.652	1353.152	79.95493	84.3388	79.4605	80.15271	49.8633	3.117729	47.01897	20.0599	26.95907	29.32992	7
1997.49	1997.657	1353.157	78.83011	62.23042	78.71886	78.63234	53.2787	2.220853	44.50045	27.02877	17.47168	30.26933	7
1997.495	1997.661	1353.161	75.91297	47.79199	76.29616	76.66698	55.62474	1.446167	42.9291	27.59492	15.33418	30.66153	7
1997.5	1997.666	1353.166	74.97356	65.28617	75.12189	74.92412	54.07552	1.877723	44.04675	28.45777	15.58899	30.1307	7
1997.505	1997.67	1353.17	75.25786	88.47934	74.47913	74.70162	55.3859	1.717255	42.89685	28.2844	14.61245	29.76293	7
1997.51	1997.674	1353.174	75.33202	65.4848	74.93648	75.33202	57.91268	0.917433	41.16989	13.02957	28.14032	30.61577	7
1997.515	1997.679	1353.179	74.57802	45.92798	74.269	74.0465	62.66855	0	37.33145	19.97314	17.35831	31.38929	7
1997.52	1997.683	1353.183	72.01934	57.31066	72.22948	73.56444	58.2445	0.692972	41.06253	27.17829	13.88424	30.47855	7
1997.525	1997.688	1353.188	71.07993	50.93941	71.50019	70.96868	59.02207	0.38402	40.5939	21.55846	19.03544	31.04121	7
1997.53	1997.692	1353.192	71.77213	32.14653	71.72269	71.87102	66.57336	0	33.42664	17.67264	15.754	30.74492	7
1997.535	1997.697	1353.197	71.09229	63.45272	70.82035	70.89452	61.34704	0.116337	38.53662	9.656727	28.8799	31.04241	7

1997.54	1997.701	1353.201	64.93665	34.9731	64.25681	62.04423	77.06356	0	22.93644	16.09941	6.837037	30.76047	7
1997.545	1997.706	1353.206	66.13564	34.07165	65.44344	65.15914	76.27443	0	23.72557	12.62914	11.09643	30.39057	7
1997.55	1997.71	1353.21	69.33707	60.06084	68.855	69.91802	65.41121	0	34.58879	17.09295	17.49584	30.57968	7
1997.555	1997.715	1353.215	69.99218	66.29457	70.36301	71.06757	56.69003	1.082075	42.22789	26.7061	15.5218	30.0352	7
1997.56	1997.719	1353.219	76.18491	95.7826	75.96242	77.02544	48.45482	3.51133	48.03385	23.76677	24.26708	28.65888	7
1997.565	1997.723	1353.223	79.94257	125.2706	79.22565	77.97722	41.69349	5.337876	52.96863	22.64173	30.3269	28.18153	7
1997.57	1997.728	1353.228	80.33812	110.4808	80.63477	82.69902	37.05349	6.993744	55.95277	23.35343	32.59934	27.63617	7
1997.575	1997.732	1353.232	77.64348	102.1538	77.91541	77.08724	41.73927	5.425872	52.83486	34.29331	18.54156	28.41996	7
1997.58	1997.737	1353.237	72.79807	100.0759	70.84508	69.16402	63.94312	0.148971	35.90791	14.05809	21.84982	31.13364	7
1997.585	1997.741	1353.241	70.38773	72.31441	68.94152	66.48174	68.9513	0	31.0487	17.24332	13.80538	31.19002	7
1997.59	1997.746	1353.246	71.9699	102.765	70.54842	67.79197	59.93506	1.093364	38.97157	22.1238	16.84777	30.46989	7
1997.595	1997.75	1353.25	71.93282	120.9926	69.68317	66.37049	61.97642	1.054688	36.9689	16.23986	20.72903	30.50123	7
1997.6	1997.755	1353.255	74.29372	95.66037	74.09595	72.47669	50.0327	3.093884	46.87342	29.28436	17.58905	29.2089	7
1997.605	1997.759	1353.259	75.82645	90.84755	75.92534	76.46921	47.48819	3.740273	48.77153	16.59782	32.17371	28.74174	7
1997.61	1997.763	1353.263	74.87467	82.93315	74.82523	75.43091	51.42866	2.657377	45.91396	16.37626	29.5377	29.26298	7
1997.615	1997.768	1353.268	73.40375	70.20594	73.15653	74.0465	57.39463	1.085792	41.51958	21.25388	20.2657	30.2198	7
1997.62	1997.772	1353.272	71.74741	62.21514	72.10587	72.42725	56.15825	1.208438	42.63332	15.73	26.90332	30.2196	7
1997.625	1997.777	1353.277	71.36423	95.15617	70.37537	68.15044	58.98077	1.178288	39.84094	21.06903	18.77191	30.34532	7
1997.63	1997.781	1353.281	73.30486	129.1973	72.08115	70.33829	50.77756	3.358348	45.86409	29.03788	16.82621	28.50503	7
1997.635	1997.786	1353.286	73.21834	115.9353	71.85866	71.3395	55.12031	2.224208	42.65548	12.4656	30.18988	29.10945	7
1997.64	1997.79	1353.29	69.17638	101.2982	67.60656	63.76238	64.00961	0.512432	35.47796	26.92219	8.555762	31.22483	7
1997.645	1997.795	1353.295	72.37781	119.4494	71.75977	70.28884	49.29545	3.571133	47.13342	27.68584	19.44758	28.45635	7
1997.65	1997.799	1353.299	75.87589	117.6923	75.3691	76.91419	45.64025	4.343633	50.01611	23.94025	26.07586	27.83953	7
1997.655	1997.803	1353.303	76.77823	112.2684	75.95006	74.62746	48.61339	3.517479	47.86913	23.62065	24.24848	28.81175	7
1997.66	1997.808	1353.308	70.85744	86.75284	69.64608	67.50768	63.20495	0.208011	36.58704	19.98433	16.60272	31.23295	7
1997.665	1997.812	1353.312	73.66332	157.8297	72.35308	70.22704	44.1893	5.190475	50.62022	23.7036	26.91662	27.38743	7
1997.67	1997.817	1353.317	76.35796	96.39375	76.41976	76.6299	45.94441	4.187906	49.86768	27.68229	22.18539	28.57954	7
1997.675	1997.821	1353.321	75.98714	117.3257	76.32088	76.81531	39.11254	6.059584	54.82788	30.03991	24.78797	27.66205	7
1997.68	1997.826	1353.326	73.86109	126.386	73.05765	66.22216	47.68911	3.979528	48.33136	23.90958	24.42179	29.24062	7
1997.685	1997.83	1353.33	71.78449	116.027	71.12937	64.94901	50.95691	3.177876	45.86521	16.59351	29.2717	29.53553	7
1997.69	1997.835	1353.335	73.2307	139.9841	73.66332	71.94518	35.39877	6.978586	57.62265	33.26497	24.35767	27.36797	7
1997.695	1997.839	1353.339	79.41106	118.7466	79.81897	79.50995	35.04389	7.485842	57.47027	26.29175	31.17852	27.83006	7
1997.7	1997.844	1353.344	84.77562	155.6601	85.3813	85.51726	19.6427	12.9212	67.4361	37.2057	30.23039	27.74202	7
1997.705	1997.848	1353.348	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1998	1998.11	1353.61	129.7563	63.02492	129.7563	131.8824	5.372155	76.41876	18.20908	16.47116	1.737918	-9999	-9999
1998.005	1998.115	1353.615	126.7032	63.77358	126.3571	124.9727	10.68211	56.23648	33.08141	29.29484	3.786563	23.44651	-9999
1998.01	1998.119	1353.619	126.9134	70.19066	126.2212	123.9344	11.61813	48.47924	39.90262	24.25651	15.64611	24.58295	-9999
1998.015	1998.124	1353.624	125.2323	67.94468	125.0345	123.9344	9.876409	55.78826	34.33533	25.52043	8.814905	23.75088	-9999
1998.02	1998.128	1353.628	124.6513	102.6733	124.3176	124.2929	3.060308	53.30241	43.63728	43.63728	0	-9999	-9999
1998.025	1998.133	1353.633	120.0284	93.44494	118.2361	114.4785	20.85054	15.80555	63.3439	38.32427	25.01964	29.17216	-9999
1998.03	1998.137	1353.637	116.9753	34.40779	116.7281	115.5538	25.97193	32.72184	41.30622	20.53197	20.77425	26.62662	-9999
1998.035	1998.142	1353.642	115.5662	26.01974	115.4426	115.3437	28.34027	31.36014	40.29958	13.22638	27.0732	26.68906	-9999
1998.04	1998.146	1353.646	118.1496	35.2634	117.8159	115.4179	25.35511	33.66208	40.9828	20.75306	20.22974	26.66483	-9999
1998.045	1998.15	1353.65	118.3597	36.07317	117.7664	117.5934	26.97754	29.80488	43.21758	30.34975	12.86783	26.72096	-9999
1998.05	1998.155	1353.655	115.4179	44.53761	114.5526	112.8098	29.74315	21.67699	48.57986	28.5952	19.98465	28.16295	-9999
1998.055	1998.159	1353.659	116.9012	66.06539	115.6404	112.5131	26.23427	19.23483	54.5309	36.84003	17.69087	28.61912	-9999
1998.06	1998.164	1353.664	120.4858	74.89652	119.5958	115.9494	17.92542	30.96894	51.10564	41.0162	10.08943	27.33252	-9999
1998.065	1998.168	1353.668	117.4079	74.86596	116.2584	113.539	22.77612	22.11713	55.10674	37.88753	17.21922	28.22257	-9999
1998.07	1998.173	1353.673	121.9938	186.5538	119.0396	111.6478	5.514877	2.783119	91.702	85.34429	6.357714	-9999	-9999
1998.075	1998.177	1353.677	116.2708	191.7027	111.0669	107.7048	26.96882	0	73.03118	40.44505	32.58613	-9999	-9999
1998.08	1998.182	1353.682	114.3054	105.836	111.6108	110.3623	30.11016	1.051585	68.83825	27.72408	41.11417	30.36497	-9999
1998.085	1998.186	1353.686	113.4278	74.49927	112.3277	110.3871	26.14342	18.19256	55.66402	25.02321	30.64081	28.57742	-9999
1998.09	1998.19	1353.69	109.6949	30.66449	109.3735	109.4971	34.15062	19.9438	45.90559	31.2414	14.66419	28.31807	-9999
1998.095	1998.195	1353.695	111.549	84.01794	109.7196	106.5799	31.22037	8.711574	60.06806	33.37948	26.68858	29.87018	-9999
1998.1	1998.199	1353.699	107.7048	42.18468	106.2338	105.6529	42.1026	7.262519	50.63488	28.96336	21.67153	30.27509	-9999
1998.105	1998.204	1353.704	110.1769	37.40242	109.9544	108.5082	31.31017	22.1352	46.55464	26.77483	19.77981	28.23951	-9999
1998.11	1998.208	1353.708	112.8716	80.06074	111.9816	110.0657	23.68075	20.57971	55.73954	38.15096	17.58857	28.33492	-9999
1998.115	1998.213	1353.713	110.214	70.14482	108.3846	106.0732	35.80583	7.062273	57.1319	27.74277	29.38913	30.09203	-9999
1998.12	1998.217	1353.717	107.1856	43.08613	107.5317	106.926	28.2801	24.24842	47.47147	25.90473	21.56674	27.86544	-9999
1998.125	1998.222	1353.722	110.041	70.48096	108.8172	107.9644	31.1897	13.31181	55.49849	32.11562	23.38287	28.97362	-9999
1998.13	1998.226	1353.726	111.0175	98.97586	108.4711	105.0225	33.64569	1.836954	64.51735	34.77959	29.73776	30.67583	-9999
1998.135	1998.23	1353.73	119.6947	163.4981	118.3226	116.9753	0.94767	27.32606	71.72627	71.72627	0	-9999	-9999
1998.14	1998.235	1353.735	127.8528	163.6967	127.2842	127.8033	0	60.56362	39.43638	39.43638	0	-9999	10
1998.145	1998.239	1353.739	133.1555	209.2733	133.65	135.0096	0	100	0	0	0	-9999	10
1998.15	1998.244	1353.744	122.2904	275.2012	120.3251	117.136	0	26.89831	73.10169	73.10169	0	-9999	10
1998.155	1998.248	1353.748	118.162	219.3573	117.717	117.6057	0	44.26982	55.73018	55.73018	0	-9999	10
1998.16	1998.253	1353.753	123.4276	249.1509	124.0951	125.4301	0	82.15517	17.84483	17.84483	0	-9999	10
1998.165	1998.257	1353.757	127.6179	269.5175	128.236	130.6216	0	99.23959	0.760414	0.760414	0	-9999	10
1998.17	1998.262	1353.762	130.9677	228.219	131.8082	132.6364	0	100	0	0	0	-9999	10
1998.175	1998.266	1353.766	137.8526	150.2056	138.4954	138.3594	0	100	0	0	0	-9999	10
1998.18	1998.271	1353.771	141.7091	103.5748	142.253	141.771	0	100	0	0	0	-9999	10
1998.185	1998.275	1353.775	143.4891	137.2339	144.0824	144.1689	0	100	0	0	0	-9999	10
1998.19	1998.279	1353.779	145.1083	143.0704	145.4174	146.6411	0	100	0	0	0	-9999	10

1998.195	1998.284	1353.784	144.342	144.1552	144.8735	145.8253	0	100	0	0	0	-9999	10
1998.2	1998.288	1353.788	143.7487	135.0949	143.9959	146.4928	0	100	0	0	0	-9999	10
1998.205	1998.293	1353.793	143.1183	147.0581	143.2666	145.1207	0	100	0	0	0	-9999	10
1998.21	1998.297	1353.797	141.0293	171.8556	141.2518	143.4149	0	100	0	0	0	-9999	10
1998.215	1998.302	1353.802	141.3383	159.0825	141.5732	142.5744	0	100	0	0	0	-9999	10
1998.22	1998.306	1353.806	140.5225	158.1352	140.6708	141.4125	0	100	0	0	0	-9999	10
1998.225	1998.311	1353.811	137.3211	183.2077	137.8279	136.4806	0	100	0	0	0	-9999	10
1998.23	1998.315	1353.815	136.5424	174.1168	137.0862	137.5559	0	100	0	0	0	-9999	10
1998.235	1998.319	1353.819	132.1049	219.7392	132.8218	133.7488	0	100	0	0	0	-9999	10
1998.24	1998.324	1353.824	128.0135	236.332	128.236	127.074	0	87.6117	12.3883	12.3883	0	-9999	10
1998.245	1998.328	1353.828	126.8515	250.0829	127.0988	126.5796	0	84.69634	15.30366	15.30366	0	-9999	10
1998.25	1998.333	1353.833	123.2299	220.4573	122.9826	120.1768	0	59.37841	40.62159	40.62159	0	-9999	10
1998.255	1998.337	1353.837	120.6835	227.0578	120.0037	116.2213	0	45.44829	54.55171	54.55171	0	-9999	10
1998.26	1998.342	1353.842	120.4611	223.2381	120.6712	115.8876	0	61.4375	38.5625	38.5625	0	-9999	10
1998.265	1998.346	1353.846	122.1668	260.7016	121.8949	121.5612	0	58.87387	41.12613	41.12613	0	-9999	10
1998.27	1998.351	1353.851	121.3139	264.3227	120.8566	121.1656	0	53.46086	46.53914	46.53914	0	-9999	10
1998.275	1998.355	1353.855	120.0779	222.9172	119.7441	118.2856	0	50.30461	49.69539	49.69539	0	-9999	10
1998.28	1998.359	1353.859	120.9802	200.6408	120.4611	120.1768	0	47.26756	52.73244	52.73244	0	-9999	10
1998.285	1998.364	1353.864	120.7577	163.4981	120.7083	121.1656	0	53.20513	46.79487	46.79487	0	-9999	10
1998.29	1998.368	1353.868	121.6353	116.8979	122.1916	121.5859	0	64.63685	35.36315	35.36315	0	-9999	10
1998.295	1998.373	1353.873	121.3263	153.1544	122.2039	123.8355	0	72.68274	27.31726	27.31726	0	-9999	10
1998.3	1998.377	1353.877	119.1879	240.3961	120.115	122.4017	0	72.3581	27.6419	27.6419	0	-9999	10
1998.305	1998.382	1353.882	117.9889	225.591	118.8047	121.1409	0	65.68119	34.31881	34.31881	0	-9999	10
1998.31	1998.386	1353.886	115.3066	233.1234	116.1224	121.9196	0	58.85311	41.14689	41.14689	0	-9999	10
1998.315	1998.391	1353.891	111.2276	177.8601	110.9186	113.3413	0	32.08566	67.91434	67.91434	0	-9999	10
1998.32	1998.395	1353.895	106.5058	152.1765	105.4798	102.4762	13.139	17.90734	68.95366	54.48423	14.46943	29.23116	9
1998.325	1998.4	1353.9	101.2401	73.47559	100.9064	99.97932	31.66448	13.82539	54.51012	34.32309	20.18703	28.80848	9
1998.33	1998.404	1353.904	98.44659	72.42136	97.61842	96.17221	38.32148	8.528321	53.1502	20.79075	32.35945	29.52665	9
1998.335	1998.408	1353.908	97.81619	76.47023	97.00038	96.9015	37.82582	8.512907	53.66127	27.70434	25.95693	29.19113	9
1998.34	1998.413	1353.913	97.33412	63.19298	97.04983	97.07455	37.36321	10.42939	52.2074	34.01074	18.19667	29.10502	9
1998.345	1998.417	1353.917	97.81619	67.2113	97.56898	97.33412	35.65988	11.26966	53.07045	29.14145	23.929	28.98651	9
1998.35	1998.422	1353.922	97.27232	81.51223	96.66664	97.58134	35.4775	9.754079	54.76842	38.35069	16.41774	28.73628	9
1998.355	1998.426	1353.926	97.11163	69.9462	96.98802	97.86563	34.68828	11.66637	53.64535	29.47505	24.1703	28.67417	9
1998.36	1998.431	1353.931	95.38113	80.06074	95.60362	98.01396	31.15034	12.9865	55.86316	32.07716	23.78599	28.09174	9
1998.365	1998.435	1353.935	93.65062	83.91099	93.41577	93.52702	35.35508	9.687391	54.95753	23.1098	31.84772	28.73797	9
1998.37	1998.44	1353.94	94.8867	109.4877	93.41577	88.66925	37.60791	5.930865	56.46122	24.73431	31.72691	29.74321	9
1998.375	1998.444	1353.944	95.02267	139.2049	93.34161	84.15758	31.91978	6.949876	61.13034	30.56327	30.56707	30.01357	9
1998.38	1998.448	1353.948	90.8571	75.53823	89.8806	85.49254	45.69908	4.451599	49.84933	21.10218	28.74714	30.53548	9
1998.385	1998.453	1353.953	86.25891	29.51858	85.73976	84.1823	57.52173	1.344848	41.13342	21.36055	19.77287	32.1749	9
1998.39	1998.457	1353.957	87.35901	47.51697	87.09944	83.27997	50.14231	3.89721	45.96048	24.57726	21.38322	31.16495	9
1998.395	1998.462	1353.962	91.46277	66.26402	91.53694	90.00421	39.24358	8.618525	52.13789	35.21851	16.91939	29.41429	9
1998.4	1998.466	1353.966	93.71243	70.38928	93.39105	92.5876	39.24105	8.38741	52.37154	31.1107	21.26084	29.32092	9
1998.405	1998.471	1353.971	95.97444	63.37633	96.25874	95.9868	34.16314	12.67814	53.15872	21.59038	31.56834	28.83421	9
1998.41	1998.475	1353.975	98.50839	43.04029	98.45895	97.19815	39.33971	11.39815	49.26214	29.87765	19.38449	29.58511	10
1998.415	1998.48	1353.98	99.75683	79.31208	99.68266	99.2624	29.60497	14.74296	55.65207	30.77717	24.8749	28.55076	10
1998.42	1998.484	1353.984	103.7123	119.9842	103.5021	102.9459	17.17708	20.18386	62.63906	35.67526	26.9638	28.33401	10
1998.425	1998.488	1353.988	107.643	109.1668	107.9273	107.7171	12.3468	28.76076	58.89244	51.68126	7.211181	27.87936	10
1998.43	1998.493	1353.993	110.6219	119.4188	110.8568	112.3401	7.508365	33.59312	58.89851	47.42616	11.47236	-9999	10
1998.435	1998.497	1353.997	112.6243	114.5296	112.8098	113.1311	7.232492	36.15439	56.61312	48.74726	7.865867	-9999	10
1998.44	1998.502	1354.002	114.429	144.2621	114.5773	116.2955	0	41.07672	58.92328	58.92328	0	-9999	10
1998.445	1998.506	1354.006	114.6144	153.1085	114.8246	115.7887	0	42.92239	57.07761	57.07761	0	-9999	10
1998.45	1998.511	1354.011	113.1929	145.2705	113.1188	115.3313	1.281802	35.85019	62.86801	62.86801	0	-9999	10
1998.455	1998.515	1354.015	112.2906	154.5295	112.5378	113.6008	0	39.03845	60.96155	60.96155	0	-9999	10
1998.46	1998.52	1354.02	111.6355	139.1437	111.9198	113.1682	1.419266	37.27824	61.3025	61.3025	0	-9999	10
1998.465	1998.524	1354.024	110.2016	158.9909	110.4736	110.795	0	35.99303	64.00697	64.00697	0	-9999	10
1998.47	1998.529	1354.029	111.9692	169.2276	112.4019	113.2424	0	41.78432	58.21568	58.21568	0	-9999	10
1998.475	1998.533	1354.033	113.0199	151.4279	113.4031	115.9247	0	41.99282	58.00718	58.00718	0	-9999	10
1998.48	1998.537	1354.037	113.6503	150.8473	114.1447	115.6774	0	44.76009	55.23991	55.23991	0	-9999	10
1998.485	1998.542	1354.042	112.8221	150.8626	113.0941	115.3437	0	40.10076	59.89924	59.89924	0	-9999	10
1998.49	1998.546	1354.046	112.3401	152.4668	112.4389	115.492	0	37.10084	62.89916	62.89916	0	-9999	10
1998.495	1998.551	1354.051	111.7591	157.6769	111.9816	115.1954	0	37.98408	62.01592	62.01592	0	-9999	10
1998.5	1998.555	1354.055	109.8803	147.379	110.078	112.0063	1.711709	33.84125	64.44704	64.44704	0	-9999	10
1998.505	1998.56	1354.06	108.842	143.3912	109.1757	110.523	2.578232	33.41906	64.00271	64.00271	0	-9999	10
1998.51	1998.564	1354.064	107.3587	152.8946	107.5317	110.9804	2.888379	30.19007	66.92155	66.92155	0	-9999	10
1998.515	1998.569	1354.069	105.4798	167.5622	105.9125	108.7802	0	31.04237	68.95763	68.95763	0	-9999	10
1998.52	1998.573	1354.073	105.1337	147.4859	105.2326	105.9496	6.818992	26.23329	66.94772	50.55816	16.38955	-9999	10
1998.525	1998.577	1354.077	104.2561	93.62829	104.3674	103.4403	20.56415	21.66032	57.77553	41.2275	16.54802	28.18574	10
1998.53	1998.582	1354.082	104.6146	105.9277	105.2821	105.0719	12.94711	27.77912	59.27377	36.84302	22.43075	27.99981	10
1998.535	1998.586	1354.086	104.3056	139.816	104.5404	104.2685	8.38328	25.88914	65.72758	60.65512	5.072458	28.57815	10
1998.54	1998.591	1354.091	107.0497	152.4515	107.062	105.418	4.525246	28.16839	67.30636	58.84875	8.457617	-9999	10
1998.545	1998.595	1354.095	106.0237	161.6341	105.8012	107.5935	5.067054	25.34339	69.58956	69.56998	0.019574	-9999	10
1998.55	1998.6	1354.1	105.6529	157.9519	105.8383	107.1609	3.138042	28.36572	68.49624	64.41836	4.077876	-9999	10
1998.555	1998.604	1354.104	105.2697	151.5654	105.109	104.7876	7.718388	24.37647	67.90514	51.78623	16.1189	-9999	10

1998.56	1998.609	1354.109	103.7246	175.8586	103.8729	105.9248	0.866016	26.90506	72.22893	72.22893	0	-9999	10
1998.565	1998.613	1354.113	104.7506	196.2863	105.7271	107.0867	0	36.85513	63.14487	63.14487	0	-9999	10
1998.57	1998.617	1354.117	102.4885	238.8377	104.5281	106.3575	0	45.19173	54.80827	54.80827	0	-9999	10
1998.575	1998.622	1354.122	104.8247	191.443	105.554	106.8024	0	34.4087	65.5913	65.5913	0	-9999	10
1998.58	1998.626	1354.126	99.76919	288.0812	102.0436	104.2561	0	45.56457	54.43543	54.43543	0	-9999	10
1998.585	1998.631	1354.131	101.6357	199.4338	102.5009	102.1177	0	31.64814	68.35186	68.35186	0	-9999	10
1998.59	1998.635	1354.135	104.4292	158.5172	104.4786	104.1078	5.180804	25.71565	69.10354	62.69804	6.405504	-9999	10
1998.595	1998.64	1354.14	104.9607	148.7694	105.2079	106.5429	5.518063	27.4169	67.06504	66.85579	0.209242	-9999	10
1998.6	1998.644	1354.144	102.674	170.8319	103.3291	103.4527	0	29.41327	70.58673	70.58673	0	-9999	10
1998.605	1998.649	1354.149	98.05104	252.8483	100.3131	104.7629	0	40.29209	59.70791	59.70791	0	-9999	10
1998.61	1998.653	1354.153	91.87068	332.1146	94.77545	102.0065	0	40.66034	59.33966	59.33966	0	-9999	10
1998.615	1998.658	1354.158	84.1823	391.2434	85.99933	88.4962	0	32.49469	67.50531	67.50531	0	-9999	10
1998.62	1998.662	1354.162	85.93753	440.6549	90.5728	95.56654	0	48.29877	51.70123	51.70123	0	-9999	10
1998.625	1998.666	1354.166	83.8362	392.7254	87.14888	97.27232	0	37.51627	62.48373	62.48373	0	-9999	10
1998.63	1998.671	1354.171	84.25647	299.5861	87.01291	92.90898	0	29.62582	70.37418	70.37418	0	-9999	10
1998.635	1998.675	1354.175	82.22931	336.1023	85.52962	90.33795	0	32.18595	67.81405	67.81405	0	-9999	10
1998.64	1998.68	1354.18	84.34299	274.6511	87.02527	89.13896	0	27.7536	72.2464	72.2464	0	-9999	10
1998.645	1998.684	1354.184	85.94989	342.0763	88.64453	92.83482	0	33.7927	66.2073	66.2073	0	-9999	10
1998.65	1998.689	1354.189	93.99672	278.8681	96.28346	100.1771	0	36.45875	63.54125	63.54125	0	-9999	10
1998.655	1998.693	1354.193	81.3517	338.8372	80.58533	74.19483	0	19.98226	80.01774	80.01774	0	-9999	10
1998.66	1998.698	1354.198	70.74619	342.7944	65.33219	57.47076	33.91576	11.84873	54.23552	22.19661	32.03891	23.5044	10
1998.665	1998.702	1354.202	68.855	270.3578	65.54232	55.85151	36.90005	9.682276	53.41767	21.1152	32.30247	25.4385	10
1998.67	1998.706	1354.206	60.56095	196.8058	57.6809	53.7131	58.97731	5.261317	35.76137	15.2298	20.53157	27.20451	10
1998.675	1998.711	1354.211	62.78588	242.5657	59.13946	53.00854	51.79581	7.657485	40.5467	22.4689	18.0778	25.68993	10
1998.68	1998.715	1354.215	64.7636	213.7347	62.20492	55.27055	48.5234	6.726798	44.7498	27.89002	16.85978	26.48684	10
1998.685	1998.72	1354.22	66.92672	191.1221	66.04911	63.75002	38.97736	7.246135	53.77651	18.76494	35.01157	25.91362	10
1998.69	1998.724	1354.224	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
1999	1999	1354.5	114.4043	80.35104	112.1052	110.2511	33.12109	4.227921	62.65098	30.6699	31.98108	30.25853	5
1999.005	1999.005	1354.505	111.7715	54.46881	110.5107	109.5342	33.75997	13.2995	52.94053	29.57302	23.36751	29.13607	5
1999.01	1999.01	1354.51	111.8951	69.85453	110.9804	109.5342	27.24063	18.49464	54.26474	37.58996	16.67477	28.46696	5
1999.015	1999.015	1354.515	116.6045	77.44807	115.8134	110.9062	20.11235	26.64063	53.24702	31.5731	21.67393	28.19083	5
1999.02	1999.02	1354.52	118.1125	125.3928	115.4426	111.3512	21.68328	3.135936	75.18078	38.21229	36.96849	30.76612	5
1999.025	1999.025	1354.525	116.5674	37.28019	116.0854	115.8629	27.4722	28.54364	43.98417	18.83789	25.14628	26.9778	5
1999.03	1999.03	1354.53	115.5044	49.2893	114.6144	113.2671	28.70523	21.76344	49.53133	20.51172	29.01961	28.04681	5
1999.035	1999.035	1354.535	114.2065	64.95004	113.1559	111.2029	27.35472	19.03771	53.60757	23.25892	30.34865	28.4781	5
1999.04	1999.04	1354.54	111.0422	24.62937	110.9186	110.1646	32.83885	23.65368	43.50747	30.99547	12.512	27.99857	5
1999.045	1999.045	1354.545	113.7121	55.18691	113.2053	111.8951	25.95727	24.89912	49.14361	34.21094	14.93267	27.71055	5
1999.05	1999.05	1354.55	112.8345	104.5984	111.9692	110.3376	17.58515	22.49927	59.91558	45.1363	14.77928	28.28023	5
1999.055	1999.055	1354.555	109.6825	96.82155	109.5589	109.9668	16.61925	26.5555	56.82526	27.58042	29.24483	27.60162	5
1999.06	1999.06	1354.56	105.0225	35.06477	105.2944	105.3068	32.78612	20.03969	47.17419	27.57134	19.60285	28.31973	5
1999.065	1999.065	1354.565	103.3291	42.50553	102.9335	101.8211	37.71637	13.10352	49.18011	22.51614	26.66397	29.37449	5
1999.07	1999.07	1354.57	108.7307	107.9445	106.6294	103.5021	30.13044	6.277387	63.59218	40.25276	23.33942	29.91821	5
1999.075	1999.075	1354.575	106.9631	52.51313	106.5058	105.7147	32.43018	16.82861	50.74121	26.14878	24.59243	28.6805	5
1999.08	1999.08	1354.58	105.7023	50.11436	104.7753	102.7728	37.81085	11.25566	50.93349	25.7256	25.20789	29.70976	5
1999.085	1999.085	1354.585	106.4193	96.69932	104.9854	103.0571	29.80534	10.4932	59.70146	37.24264	22.45882	29.24632	5
1999.09	1999.09	1354.59	110.8691	80.53439	110.3747	107.7789	22.34291	22.88571	54.77138	26.43501	28.33637	28.26534	5
1999.095	1999.095	1354.595	112.0434	80.79412	112.0681	108.2239	17.17631	30.825	51.99869	26.35314	25.64556	27.84137	5
1999.1	1999.1	1354.6	116.5798	75.01875	116.0235	114.256	18.90287	29.98422	51.11291	25.37366	25.73925	27.26561	5
1999.105	1999.105	1354.605	111.7962	57.55512	111.3017	112.4637	27.051	22.54204	50.40696	22.21112	28.19583	27.56427	5
1999.11	1999.11	1354.61	106.3204	54.77438	106.0237	105.3192	31.22895	17.78153	50.98952	30.89044	20.09908	28.52889	5
1999.115	1999.115	1354.615	94.84962	30.71032	94.39227	93.82367	48.8509	5.687726	45.46138	27.30274	18.15863	30.81244	5
1999.12	1999.12	1354.62	90.70877	17.57058	90.26378	89.71991	55.74449	2.680393	41.57511	18.45051	23.1246	31.99578	5
1999.125	1999.125	1354.625	90.11546	22.33756	89.71991	89.75699	54.75355	2.925841	42.32061	12.75869	29.56191	31.62469	5
1999.13	1999.13	1354.63	93.55174	37.61633	93.09439	93.67535	48.37369	5.424089	46.20222	21.86222	24.34	30.43456	5
1999.135	1999.135	1354.635	94.07089	60.48864	93.47757	93.67535	43.41472	6.583459	50.00182	31.80531	18.19651	29.6773	5
1999.14	1999.14	1354.64	93.94728	52.92565	93.32925	92.68649	45.55028	5.887541	48.56218	30.83258	17.7296	30.15942	5
1999.145	1999.145	1354.645	91.35153	50.67967	90.04129	86.77806	53.84645	1.564299	44.58925	21.25798	23.33127	31.8606	5
1999.15	1999.15	1354.65	88.80522	31.39787	87.60623	85.91281	59.9931	0	40.0069	22.84237	17.16454	32.73737	5
1999.155	1999.155	1354.655	88.80522	40.30539	87.60623	86.17238	57.83748	0.53629	41.62624	29.3472	12.27903	32.22335	5
1999.16	1999.16	1354.66	89.29965	45.4085	88.12538	84.23175	55.95606	1.119261	42.92468	24.5623	18.36238	32.28358	5
1999.165	1999.165	1354.665	90.47392	39.08309	89.4727	84.72618	55.06534	1.751798	43.18286	30.0262	13.15666	32.41754	5
1999.17	1999.17	1354.67	92.5258	39.44978	91.24028	87.04999	55.29217	1.286393	43.42144	22.19252	21.22891	32.49126	5
1999.175	1999.175	1354.675	92.41455	43.02501	91.16612	88.54564	54.24192	1.653246	44.10483	13.37942	30.72541	31.95886	5
1999.18	1999.18	1354.68	91.53694	59.66359	89.83116	85.90045	54.56723	0.591238	44.84153	12.71173	32.1298	32.04489	5
1999.185	1999.185	1354.685	91.00543	55.11052	90.07837	86.72861	50.12294	3.332299	46.54476	16.01633	30.52844	31.17434	5
1999.19	1999.19	1354.69	89.44798	52.58952	88.47148	85.66559	52.54906	2.402342	45.0486	21.14526	23.90334	31.40064	5
1999.195	1999.195	1354.695	89.10188	63.10131	87.39609	85.59143	55.97556	0.300104	43.72434	18.81604	24.90829	31.67544	5
1999.2	1999.2	1354.7	89.49742	55.50776	88.11302	86.90167	54.95861	1.066909	43.97448	21.84377	22.13071	31.49923	5
1999.205	1999.205	1354.705	89.49742	55.99668	88.13774	85.1588	54.6487	1.192916	44.15838	30.56515	13.59323	31.76347	5
1999.21	1999.21	1354.71	90.48628	77.98283	88.94119	87.58151	49.85524	2.221394	47.92337	19.12636	28.79701	30.4976	10
1999.215	1999.215	1354.715	95.49237	162.0466	92.61232	88.39731	35.25213	2.805815	61.94206	27.47358	34.46848	29.19674	10
1999.22	1999.22	1354.72	98.94102	152.3904	96.30818	94.09561	32.50026	3.520708	63.97903	41.22402	22.75502	29.1137	10
1999.225	1999.225	1354.725	98.42187	223.5742	94.61476	87.49498	24.85199	1.999999	73.14801	36.13686	37.01115	29.44764	10

1999.23	1999.23	1354.73	100.5974	252.7414	98.59492	91.37625	1.805918	14.34157	83.85251	83.85251	0	-9999	10
1999.235	1999.235	1354.735	103.1684	262.1684	102.4885	103.4527	0	25.5759	74.4241	74.4241	0	-9999	10
1999.24	1999.24	1354.74	103.4898	236.8515	102.8965	103.428	0	24.80404	75.19596	75.19596	0	-9999	10
1999.245	1999.245	1354.745	105.7765	222.0463	105.1337	101.4132	0	25.40576	74.59424	74.59424	0	-9999	10
1999.25	1999.25	1354.75	105.2821	249.8537	104.8247	104.4415	0	28.43323	71.56677	71.56677	0	-9999	10
1999.255	1999.255	1354.755	107.4576	259.1737	107.0126	105.9001	0	31.43045	68.56955	68.56955	0	-9999	10
1999.26	1999.26	1354.76	105.6282	232.7873	105.4057	104.4415	0	29.70693	70.29307	70.29307	0	-9999	10
1999.265	1999.265	1354.765	103.601	213.7805	103.3909	105.0967	0	26.40371	73.59629	73.59629	0	-9999	10
1999.27	1999.27	1354.77	103.0448	209.3344	102.9953	102.6492	0	26.82215	73.17785	73.17785	0	-9999	10
1999.275	1999.275	1354.775	103.0695	182.6424	102.8099	105.1461	2.988309	23.38997	73.62172	71.44975	2.171978	-9999	10
1999.28	1999.28	1354.78	102.2166	189.1359	102.0312	101.4626	1.626773	23.59068	74.78254	74.78254	0	-9999	10
1999.285	1999.285	1354.785	103.2673	178.3185	102.7728	100.8693	5.672858	21.43892	72.88823	60.96598	11.92224	-9999	10
1999.29	1999.29	1354.79	104.2561	135.813	103.6505	102.4638	15.91161	18.53973	65.54866	37.15395	28.39471	28.61474	10
1999.295	1999.295	1354.795	106.4811	101.6191	106.4193	108.397	17.92458	23.31414	58.76128	46.4443	12.31698	27.58719	10
1999.3	1999.3	1354.8	106.7406	127.2874	106.7777	108.397	10.70767	26.30924	62.98309	45.05848	17.92461	27.91532	10
1999.305	1999.305	1354.805	106.4193	190.5721	106.172	105.8507	0	27.51535	72.48465	72.48465	0	-9999	10
1999.31	1999.31	1354.81	104.5033	186.4468	104.491	104.3303	0	27.15858	72.84142	72.84142	0	-9999	10
1999.315	1999.315	1354.815	104.7135	211.0762	104.3921	104.6888	0	26.41706	73.58294	73.58294	0	-9999	10
1999.32	1999.32	1354.82	103.0077	188.0358	102.7728	100.8322	1.548373	23.88854	74.56309	74.56309	0	-9999	10
1999.325	1999.325	1354.825	103.3662	242.7949	103.0819	103.2302	0	27.53852	72.46148	72.46148	0	-9999	10
1999.33	1999.33	1354.83	101.8952	215.6293	101.8211	101.3266	0	25.90669	74.09331	74.09331	0	-9999	10
1999.335	1999.335	1354.835	103.5516	230.1899	103.5268	104.0336	0	28.96169	71.03831	71.03831	0	-9999	10
1999.34	1999.34	1354.84	105.69	240.9156	105.9619	106.5799	0	34.80588	65.19412	65.19412	0	-9999	10
1999.345	1999.345	1354.845	107.5935	244.6131	107.6306	109.151	0	35.34915	64.65085	64.65085	0	-9999	10
1999.35	1999.35	1354.85	106.5181	241.1906	106.5305	108.0385	0	33.47962	66.52038	66.52038	0	-9999	10
1999.355	1999.355	1354.855	106.2091	197.5392	106.1968	108.6936	0	29.91707	70.08293	70.08293	0	-9999	10
1999.36	1999.36	1354.86	104.7382	196.9739	104.491	102.3773	0	26.12135	73.87865	73.87865	0	-9999	10
1999.365	1999.365	1354.865	104.0584	218.5017	103.9471	106.1226	0	28.00296	71.99704	71.99704	0	-9999	10
1999.37	1999.37	1354.87	102.8965	229.1357	102.2413	106.4069	0	23.32	76.68	76.68	0	-9999	10
1999.375	1999.375	1354.875	102.4267	230.2052	102.2661	101.6727	0	26.75018	73.24982	73.24982	0	-9999	10
1999.38	1999.38	1354.88	102.3649	231.6567	101.8087	100.0535	0	23.80997	76.19003	76.19003	0	-9999	10
1999.385	1999.385	1354.885	101.2525	231.7025	100.9311	101.8705	0	24.60433	75.39567	75.39567	0	-9999	10
1999.39	1999.39	1354.89	100.4614	239.3725	99.99168	99.71974	0	23.45036	76.54964	76.54964	0	-9999	10
1999.395	1999.395	1354.895	100.894	268.6619	100.4737	100.0782	0	26.10626	73.89374	73.89374	0	-9999	10
1999.4	1999.4	1354.9	100.6344	247.2716	100.3872	102.4391	0	25.65317	74.34683	74.34683	0	-9999	10
1999.405	1999.405	1354.905	101.0918	247.898	100.6468	99.69502	0	24.68937	75.31063	75.31063	0	-9999	10
1999.41	1999.41	1354.91	100.9929	224.3381	101.2525	103.8606	0	28.04119	71.95881	71.95881	0	-9999	10
1999.415	1999.415	1354.915	102.4885	169.8541	102.9212	102.5133	1.253005	27.34462	71.40238	71.40238	0	-9999	10
1999.42	1999.42	1354.92	104.7876	167.6386	105.2697	106.135	0	30.54195	69.45805	69.45805	0	-9999	10
1999.425	1999.425	1354.925	98.49603	206.4925	98.58256	95.52946	0	23.28092	76.71908	76.71908	0	-9999	10
1999.43	1999.43	1354.93	100.7951	235.4305	100.721	100.5479	0	26.20758	73.79242	73.79242	0	-9999	10
1999.435	1999.435	1354.935	101.3266	236.4848	101.3266	102.0806	0	27.31089	72.68911	72.68911	0	-9999	10
1999.44	1999.44	1354.94	103.6875	245.0103	103.6381	101.2772	0	29.90608	70.09392	70.09392	0	-9999	10
1999.445	1999.445	1354.945	103.465	281.8933	104.0089	103.0201	0	37.02557	62.97443	62.97443	0	-9999	10
1999.45	1999.45	1354.95	100.9929	287.7756	100.9805	101.0547	0	30.36437	69.63563	69.63563	0	-9999	10
1999.455	1999.455	1354.955	105.1337	269.0438	105.418	107.1609	0	36.08684	63.91316	63.91316	0	-9999	10
1999.46	1999.46	1354.96	104.5157	255.5374	104.8124	103.4527	0	34.49331	65.50669	65.50669	0	-9999	10
1999.465	1999.465	1354.965	102.4762	224.0326	102.8841	103.9348	0	30.79226	69.20774	69.20774	0	-9999	10
1999.47	1999.47	1354.97	103.5145	238.853	103.8111	106.5058	0	32.13446	67.86554	67.86554	0	-9999	10
1999.475	1999.475	1354.975	102.9583	249.9759	102.9706	102.9459	0	29.96381	70.03619	70.03619	0	-9999	10
1999.48	1999.48	1354.98	102.0065	259.9224	102.6616	102.3526	0	34.57734	65.42266	65.42266	0	-9999	10
1999.485	1999.485	1354.985	99.52197	246.1257	99.46017	102.5751	0	25.88181	74.11819	74.11819	0	-9999	10
1999.49	1999.49	1354.99	98.27354	214.5597	98.23646	97.19815	0	22.86024	77.13976	77.13976	0	-9999	10
1999.495	1999.495	1354.995	97.91508	228.4176	97.85327	97.34648	0	23.35337	76.64663	76.64663	0	-9999	10
1999.5	1999.5	1355	99.15115	246.7368	99.01518	99.01518	0	25.124	74.876	74.876	0	-9999	10
1999.505	1999.505	1355.005	101.2648	237.3404	101.0423	96.03625	0	25.70328	74.29672	74.29672	0	-9999	10
1999.51	1999.51	1355.01	103.4156	272.9857	103.3414	103.9595	0	31.3067	68.6933	68.6933	0	-9999	10
1999.515	1999.515	1355.015	104.3921	259.4335	104.0089	102.2661	0	28.84441	71.15559	71.15559	0	-9999	10
1999.52	1999.52	1355.02	105.5664	258.8834	105.6529	102.4144	0	34.17177	65.82823	65.82823	0	-9999	10
1999.525	1999.525	1355.025	105.5664	226.2022	105.5416	107.7048	0	30.96321	69.03679	69.03679	0	-9999	10
1999.53	1999.53	1355.03	102.402	227.2717	103.4403	105.3192	0	35.94416	64.05584	64.05584	0	-9999	10
1999.535	1999.535	1355.035	97.5937	183.4369	96.97566	95.91264	10.61185	16.76005	72.62809	63.12561	9.502485	28.80839	10
1999.54	1999.54	1355.04	98.71852	138.4868	97.69258	94.50351	23.6162	11.94067	64.44312	43.02411	21.41901	28.88083	10
1999.545	1999.545	1355.045	100.0164	132.2683	99.08935	97.07455	23.16066	12.87319	63.96615	29.30627	34.65988	28.71108	10
1999.55	1999.55	1355.05	103.2055	147.272	103.1313	104.4045	9.985907	22.60279	67.4113	59.19898	8.212315	28.34212	10
1999.555	1999.555	1355.055	108.1374	172.6348	108.3723	109.9173	0	33.26798	66.73202	66.73202	0	-9999	10
1999.56	1999.56	1355.06	113.0323	261.2975	114.256	114.0458	0	60.87051	39.12949	39.12949	0	-9999	10
1999.565	1999.565	1355.065	111.9321	195.1557	112.9952	111.8951	0	51.55919	48.44081	48.44081	0	-9999	10
1999.57	1999.57	1355.07	120.1891	250.0982	120.8566	122.0679	0	71.25549	28.74451	28.74451	0	-9999	10
1999.575	1999.575	1355.075	122.7849	297.6915	124.1198	127.8528	0	98.04881	1.95119	1.95119	0	-9999	10
1999.58	1999.58	1355.08	112.3277	351.1519	114.5155	116.6416	0	78.41175	21.58825	21.58825	0	-9999	10
1999.585	1999.585	1355.085	106.9137	267.9132	109.0892	111.7838	0	57.78872	42.21128	42.21128	0	-9999	10
1999.59	1999.59	1355.09	108.9408	269.0591	110.3129	112.5873	0	53.60215	46.39785	46.39785	0	-9999	10

1999.595	1999.595	1355.095	108.2363	240.9462	109.8679	110.5972	0	53.07832	46.92168	46.92168	0	-9999	10
1999.6	1999.6	1355.1	105.9619	245.3923	107.0497	106.7283	0	43.21832	56.78168	56.78168	0	-9999	10
1999.605	1999.605	1355.105	103.8729	238.746	105.1337	105.418	0	40.84998	59.15002	59.15002	0	-9999	10
1999.61	1999.61	1355.11	101.1412	226.8897	102.1795	101.5244	0	34.17089	65.82911	65.82911	0	-9999	10
1999.615	1999.615	1355.115	100.585	218.0586	101.5491	100.1771	0	32.29125	67.70875	67.70875	0	-9999	10
1999.62	1999.62	1355.12	98.40951	225.4535	99.50961	97.12399	0	31.05548	68.94452	68.94452	0	-9999	10
1999.625	1999.625	1355.125	99.3242	216.8057	99.79391	99.23767	0	27.26922	72.73078	72.73078	0	-9999	10
1999.63	1999.63	1355.13	98.75561	191.9777	99.7321	99.23767	0	28.37856	71.62144	71.62144	0	-9999	10
1999.635	1999.635	1355.135	98.89157	212.5735	100.1276	99.33656	0	31.69663	68.30337	68.30337	0	-9999	10
1999.64	1999.64	1355.14	96.76553	223.7423	98.33534	100.894	0	31.96882	68.03118	68.03118	0	-9999	10
1999.645	1999.645	1355.145	95.15863	202.6576	96.69136	97.55662	0	28.41159	71.58841	71.58841	0	-9999	10
1999.65	1999.65	1355.15	96.53067	206.7217	98.21173	100.6097	0	31.22073	68.77927	68.77927	0	-9999	10
1999.655	1999.655	1355.155	96.60484	175.9808	97.45773	98.24882	1.926282	24.16709	73.90663	73.90663	0	-9999	10
1999.66	1999.66	1355.16	91.46277	148.5096	92.15498	94.77545	14.55036	16.97072	68.47892	58.62104	9.85788	27.83806	10
1999.665	1999.665	1355.165	88.0883	137.6464	88.53328	90.11546	22.19969	12.96182	64.83849	45.24538	19.59312	27.63344	10
1999.67	1999.67	1355.17	85.93753	159.1742	86.55556	88.06357	17.62753	13.82432	68.54815	52.84025	15.7079	27.606	10
1999.675	1999.675	1355.175	86.49376	164.4454	86.55556	88.54564	20.15098	12.53081	67.31821	44.44012	22.87809	27.28762	10
1999.68	1999.68	1355.18	83.11928	117.7993	83.4283	86.67917	32.62794	8.648849	58.72321	22.38338	36.33983	27.28885	10
1999.685	1999.685	1355.185	80.7213	94.78948	80.7831	79.0526	42.31837	5.464696	52.21693	28.04535	24.17158	28.89349	10
1999.69	1999.69	1355.19	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2000	2000	1355.5	102.4515	46.56968	102.538	102.093	33.80422	16.2787	49.91708	22.16306	27.75403	28.7347	7
2000.005	2000.005	1355.505	105.8877	46.87526	105.4675	105.3686	34.49651	15.66557	49.83792	26.8805	22.95741	28.76068	7
2000.01	2000.01	1355.51	104.8494	48.15868	104.3674	104.9854	35.62014	14.19045	50.18941	18.03202	32.15739	28.8107	7
2000.015	2000.015	1355.515	106.6665	112.2225	105.6035	105.6529	22.94741	15.00197	62.05061	44.19386	17.85675	28.45021	7
2000.02	2000.02	1355.52	109.3488	126.0804	107.8655	104.4415	20.38317	13.86429	65.75254	40.70791	25.04463	29.31004	7
2000.025	2000.025	1355.525	110.2882	179.9686	108.9779	105.0719	5.136823	19.98274	74.88044	71.72791	3.152527	-9999	7
2000.03	2000.03	1355.53	108.9779	180.0144	107.9273	107.8407	4.31944	21.5931	74.08746	69.11679	4.970669	-9999	7
2000.035	2000.035	1355.535	113.7492	165.7288	113.2671	111.3512	0	32.74156	67.25844	67.25844	0	-9999	7
2000.04	2000.04	1355.54	114.4785	144.0177	115.0471	118.162	0	47.16927	52.83073	52.83073	0	-9999	7
2000.045	2000.045	1355.545	109.2622	116.9131	108.879	108.6689	14.15544	24.55458	61.28998	51.82653	9.463449	28.07093	7
2000.05	2000.05	1355.55	102.4515	124.415	100.2636	96.01152	32.59205	4.906823	62.50112	43.76823	18.7329	29.86513	7
2000.055	2000.055	1355.555	96.49359	63.94164	95.15863	94.57768	46.09795	4.12832	49.77373	33.38077	16.39296	30.32	7
2000.06	2000.06	1355.56	95.9868	49.48793	95.35641	95.55418	44.60164	6.696111	48.70225	26.21913	22.48311	29.96307	7
2000.065	2000.065	1355.565	101.8705	151.5501	98.47131	93.78659	35.94782	0	64.05218	27.62372	36.42847	28.53941	7
2000.07	2000.07	1355.57	100.9311	113.2615	100.14	97.32176	25.86503	13.0788	61.05617	45.59803	15.45814	28.92509	7
2000.075	2000.075	1355.575	97.54425	114.7435	95.51709	92.14262	38.20184	4.144316	57.65385	24.34239	33.31146	29.74239	7
2000.08	2000.08	1355.58	91.52458	145.5761	89.07715	82.71138	39.53551	3.40645	57.05804	35.9534	21.10463	29.58794	7
2000.085	2000.085	1355.585	91.265	177.7073	87.08708	81.05504	45.40995	0	54.59005	30.63603	23.95402	28.44117	7
2000.09	2000.09	1355.59	88.29843	269.273	82.64957	76.12311	37.38	1.587346	61.03265	30.52519	30.50746	27.33679	7
2000.095	2000.095	1355.595	88.65689	268.6924	81.64835	76.61754	47.72824	0	52.27176	22.27847	29.99329	24.55363	7
2000.1	2000.1	1355.6	87.90288	229.8691	82.53833	76.11075	45.07635	0	54.92365	14.54605	40.3776	28.28654	7
2000.105	2000.105	1355.605	87.92761	206.1106	83.44066	77.84125	44.00167	0.841519	55.15681	19.02638	36.13043	28.55963	7
2000.11	2000.11	1355.61	85.52962	154.9878	82.92151	77.06252	44.01858	3.164601	52.81682	18.29421	34.52261	29.12343	7
2000.115	2000.115	1355.615	86.51848	130.664	84.91159	80.42464	41.23574	4.68696	54.0773	27.26183	26.81547	29.10259	7
2000.12	2000.12	1355.62	86.4814	122.0621	84.0587	80.58533	49.67404	1.542936	48.78302	30.90016	17.88287	29.91934	7
2000.125	2000.125	1355.625	93.972	201.5728	95.45529	89.20076	0	26.76018	73.23982	73.23982	0	-9999	7
2000.13	2000.13	1355.63	98.39715	195.2168	100.7704	104.4415	0	37.73242	62.26758	62.26758	0	-9999	7
2000.135	2000.135	1355.635	99.81863	171.4125	100.5603	101.4255	0.937297	26.61387	72.44883	72.44883	0	-9999	7
2000.14	2000.14	1355.64	93.82367	71.41296	94.1945	94.14505	33.52641	11.98845	54.48514	28.4535	26.03164	28.69193	7
2000.145	2000.145	1355.645	92.94606	88.21961	93.45285	93.41577	29.21286	13.1371	57.65005	39.27718	18.37287	28.38981	7
2000.15	2000.15	1355.65	94.02145	165.8969	93.03259	93.48993	21.01688	11.75177	67.23135	41.5554	25.67595	27.8679	7
2000.155	2000.155	1355.655	92.2415	176.3017	92.46399	95.28224	10.74849	17.21896	72.03256	66.23138	5.801182	27.94917	7
2000.16	2000.16	1355.66	87.54442	173.9488	88.87938	83.35414	7.017596	18.49972	74.48268	68.86128	5.621406	-9999	7
2000.165	2000.165	1355.665	91.2032	148.0513	90.9189	92.94606	22.46795	12.41785	65.1142	44.11538	20.99882	27.53204	7
2000.17	2000.17	1355.67	94.15741	213.3374	93.08203	90.99307	10.08174	14.59439	75.32387	66.70811	8.615758	28.76455	7
2000.175	2000.175	1355.675	90.84474	111.9934	90.78293	91.1414	29.79942	10.74946	59.45111	27.37242	32.07869	28.1198	7
2000.18	2000.18	1355.68	84.84978	140.1827	85.29477	89.23784	24.56534	11.3883	64.04636	42.99777	21.04859	26.97875	7
2000.185	2000.185	1355.685	85.10936	98.1508	86.01169	87.56914	30.95381	10.21128	58.83491	38.77307	20.06184	27.92567	7
2000.19	2000.19	1355.69	85.12172	104.8887	85.75212	87.35901	31.41936	9.758467	58.82217	36.14605	22.67612	27.8299	7
2000.195	2000.195	1355.695	85.46782	73.64366	85.80156	86.90167	40.96136	6.834786	52.20386	34.69516	17.5087	28.7955	7
2000.2	2000.2	1355.7	81.11684	159.8923	80.47408	81.17865	31.65994	8.160033	60.18003	27.74313	32.4369	26.93968	7
2000.205	2000.205	1355.705	81.74724	99.69396	81.96973	81.38878	38.94228	6.610288	54.44743	29.77505	24.67238	28.43224	11
2000.21	2000.21	1355.71	78.13791	81.58862	78.4222	77.98958	46.16538	4.229793	49.60483	20.53795	29.06687	29.08066	11
2000.215	2000.215	1355.715	78.38512	58.94549	78.37276	78.55817	53.71668	2.094537	44.18879	19.19545	24.99334	30.29772	11
2000.22	2000.22	1355.72	80.61005	44.87374	80.74602	81.10448	53.92555	2.248754	43.82569	19.80611	24.01958	30.66764	11
2000.225	2000.225	1355.725	84.65201	63.1777	85.28241	85.7274	41.94557	6.695105	51.35933	21.97763	29.3817	29.11655	11
2000.23	2000.23	1355.73	88.75577	92.78796	88.75577	89.02771	35.89	8.582885	55.52711	22.0778	33.44931	28.48764	11
2000.235	2000.235	1355.735	89.54686	92.4671	89.69519	90.33795	34.0903	9.578957	56.33074	27.83135	28.49939	28.35665	11
2000.24	2000.24	1355.74	89.44798	99.1592	89.55922	91.63583	32.84917	9.824742	57.32608	38.18928	19.1368	27.96972	11
2000.245	2000.245	1355.745	86.06114	99.86203	86.38251	86.12294	34.16646	8.858893	56.97465	25.82871	31.14594	28.33291	11
2000.25	2000.25	1355.75	86.40724	85.01106	86.39488	86.37015	40.02846	6.871918	53.09962	35.65506	17.44456	28.81327	11
2000.255	2000.255	1355.755	88.17482	76.39384	88.27371	87.84108	39.62549	7.554694	52.81982	34.82547	17.99434	29.02972	11
2000.26	2000.26	1355.76	86.39488	86.37087	86.83986	87.63095	36.16632	8.553228	55.28045	28.11681	27.16365	28.40714	7

2000.265	2000.265	1355.765	75.08481	104.5221	74.19483	68.11335	52.52493	2.558739	44.91633	28.41192	16.50441	30.16056	7
2000.27	2000.27	1355.77	67.06269	67.45576	65.1097	62.66227	77.11375	0	22.88625	20.46165	2.424605	31.37093	7
2000.275	2000.275	1355.775	71.06757	95.18672	69.07749	66.66715	67.00575	0	32.99425	11.92785	21.06639	31.36197	7
2000.28	2000.28	1355.78	76.17255	102.7344	75.98714	74.59038	46.49646	4.053426	49.45012	29.22095	20.22917	28.76159	7
2000.285	2000.285	1355.785	80.3752	144.9191	79.94257	76.58045	34.33724	7.476301	58.18646	27.76994	30.41652	27.93091	7
2000.29	2000.29	1355.79	77.53223	146.6914	76.58045	74.46677	40.54728	5.730493	53.72222	23.02682	30.69541	27.67696	7
2000.295	2000.295	1355.795	78.18735	126.7527	78.53345	74.34316	34.71122	7.438715	57.85007	30.12741	27.72266	28.31425	7
2000.3	2000.3	1355.8	77.81653	125.2095	78.23679	72.8846	34.85104	7.377972	57.77099	40.89953	16.87145	28.543	7
2000.305	2000.305	1355.805	70.07871	136.2255	69.15165	70.2394	49.74569	3.868844	46.38546	23.36957	23.0159	27.4565	7
2000.31	2000.31	1355.81	64.63999	125.1178	62.04423	55.75262	70.36979	0.705412	28.9248	17.93252	10.99228	32.01653	7
2000.315	2000.315	1355.815	65.76481	155.2628	62.78588	56.34594	65.00952	2.345259	32.64522	22.59472	10.0505	30.22948	7
2000.32	2000.32	1355.82	63.49044	207.2106	59.32487	53.20631	63.72696	4.776566	31.49648	18.41766	13.07882	28.35043	7
2000.325	2000.325	1355.825	57.79214	130.1904	54.23225	50.15321	82.91431	0.289944	16.79575	15.15427	1.641479	34.23162	7
2000.33	2000.33	1355.83	60.4497	135.2477	57.7427	52.69952	72.6356	1.248167	26.11624	26.11624	0	31.68778	7
2000.335	2000.335	1355.835	67.39643	167.4859	67.75489	60.86996	34.68563	7.334909	57.97946	23.32685	34.65261	27.33707	7
2000.34	2000.34	1355.84	65.24566	194.2237	62.50158	53.18159	54.23849	5.222507	40.539	14.21033	26.32867	28.02724	7
2000.345	2000.345	1355.845	66.72895	126.0346	65.69065	64.24444	56.15584	2.63195	41.21221	20.95004	20.26217	28.67511	7
2000.35	2000.35	1355.85	69.80677	94.6978	69.609	71.64852	54.39363	2.097087	43.50928	15.62745	27.88183	28.77153	7
2000.355	2000.355	1355.855	71.31478	115.5533	71.74741	72.08115	43.07365	4.824374	52.10198	31.00719	21.09479	27.64598	7
2000.36	2000.36	1355.86	70.12815	121.344	70.48661	66.29633	43.33878	4.810081	51.85114	22.72142	29.12972	28.29658	7
2000.365	2000.365	1355.865	62.06896	153.7961	60.15304	56.55607	60.52624	3.230798	36.24296	25.3715	10.87146	28.63921	7
2000.37	2000.37	1355.87	64.29389	172.2223	62.01951	57.21119	56.79824	4.205651	38.99611	15.95297	23.04314	28.01049	7
2000.375	2000.375	1355.875	61.35203	141.68	58.32365	52.66244	72.7395	1.413174	25.84732	15.89896	9.948359	31.73052	7
2000.38	2000.38	1355.88	68.44709	100.7788	68.15044	69.15165	54.93931	2.126673	42.93401	22.02848	20.90554	28.80109	7
2000.385	2000.385	1355.885	67.85378	110.5419	67.52004	69.27526	53.40987	2.638683	43.95145	15.24604	28.7054	28.19434	7
2000.39	2000.39	1355.89	61.7723	57.64679	61.19134	61.32731	73.72136	0	26.27864	11.6375	14.64114	30.38944	7
2000.395	2000.395	1355.895	64.40513	96.16456	64.15792	57.26063	59.39137	1.263	39.34563	21.47661	17.86902	30.74364	7
2000.4	2000.4	1355.9	65.22094	78.16618	64.86248	61.05538	63.85859	0.03236	36.10905	6.778727	29.33032	31.45217	7
2000.405	2000.405	1355.905	61.33967	93.6894	59.79458	56.96397	72.86912	0	27.13088	9.833549	17.29733	31.80189	7
2000.41	2000.41	1355.91	60.49914	74.82013	59.20127	56.91453	76.29286	0	23.70714	17.51806	6.189073	31.48324	7
2000.415	2000.415	1355.915	64.73887	68.9378	63.73765	63.24323	71.51674	0	28.48326	18.52734	9.955925	30.7557	7
2000.42	2000.42	1355.92	68.96624	136.2408	68.1628	69.18874	49.80751	3.896085	46.29641	32.3688	13.9276	27.39353	7
2000.425	2000.425	1355.925	72.48905	111.4281	72.74863	72.64974	44.33277	4.546661	51.12057	17.85109	33.26947	27.95927	7
2000.43	2000.43	1355.93	73.83637	106.0805	74.44205	74.29372	41.70507	5.18715	53.10778	32.07851	21.02927	28.00169	7
2000.435	2000.435	1355.935	72.69918	90.11417	73.20597	73.14417	47.3815	3.599433	49.01907	28.48349	20.53558	28.67013	7
2000.44	2000.44	1355.94	68.15044	54.88133	68.15044	68.64486	64.02032	0	35.97968	9.412589	26.5671	30.6061	7
2000.445	2000.445	1355.945	66.69187	76.54663	66.87728	67.60656	58.68226	0.831038	40.4867	22.36798	18.11872	29.86431	7
2000.45	2000.45	1355.95	72.56322	120.137	72.8846	77.64348	41.67801	5.26153	53.06046	18.19409	34.86637	26.72129	7
2000.455	2000.455	1355.955	74.71398	134.3309	76.12311	82.82262	27.83434	8.990204	63.17545	44.0813	19.09415	26.10378	7
2000.46	2000.46	1355.96	66.46938	132.4669	65.60413	65.29511	53.49688	3.248962	43.25416	19.20377	24.05039	27.94772	7
2000.465	2000.465	1355.965	63.60169	65.17922	63.02073	60.57331	70.21547	0	29.78453	18.23541	11.54912	30.94238	7
2000.47	2000.47	1355.97	68.06391	68.6475	67.71781	68.43473	63.45079	0	36.54921	11.22107	25.32815	30.72715	7
2000.475	2000.475	1355.975	79.55939	144.0941	79.81897	79.1144	29.92289	8.882667	61.19444	32.47387	28.72057	27.41704	7
2000.48	2000.48	1355.98	70.9934	109.946	69.99218	68.17516	55.83858	2.107201	42.05422	17.9913	24.06291	29.39898	7
2000.485	2000.485	1355.985	69.16402	87.92931	68.53362	68.87972	59.97579	0.905277	39.11893	28.84136	10.27757	30.02661	7
2000.49	2000.49	1355.99	67.65601	82.30672	67.11213	66.2716	62.05326	0.423633	37.52311	18.33319	19.18992	30.63638	7
2000.495	2000.495	1355.995	70.37537	133.842	69.23818	68.58306	51.6781	3.438827	44.88307	21.84041	23.04266	28.05491	7
2000.5	2000.5	1356	71.64852	114.438	70.94396	69.29998	51.84972	2.969066	45.18121	32.36814	12.81307	28.80113	7
2000.505	2000.505	1356.005	72.06879	77.75365	72.2542	72.41489	53.4434	2.04273	44.51387	26.96052	17.55336	29.52205	7
2000.51	2000.51	1356.01	68.23696	104.9804	68.07627	68.31113	53.06208	2.562625	44.3753	28.45426	15.92104	28.59264	7
2000.515	2000.515	1356.015	63.86126	120.9162	62.13076	57.3966	65.39732	1.280327	33.32235	11.01236	22.31	30.71884	7
2000.52	2000.52	1356.02	65.09734	99.6634	65.19622	61.68577	55.22554	2.006972	42.76748	26.4254	16.34209	29.48095	7
2000.525	2000.525	1356.025	64.87484	111.5044	63.98487	62.45214	60.22836	1.629339	38.1423	22.90003	15.24228	29.52662	7
2000.53	2000.53	1356.03	64.41749	90.20585	63.35447	60.72164	67.14452	0	32.85548	24.98869	7.866794	31.45756	7
2000.535	2000.535	1356.035	63.02073	83.57486	62.36561	64.7636	66.87298	0	33.12702	8.426502	24.70052	30.32821	7
2000.54	2000.54	1356.04	62.19256	86.11114	61.10482	59.11474	70.37397	0	29.62603	7.801808	21.82423	31.2945	7
2000.545	2000.545	1356.045	61.58689	80.16769	61.09246	61.53744	67.77131	0	32.22869	14.32595	17.90274	30.55263	7
2000.55	2000.55	1356.05	64.85012	93.70468	64.08376	63.47808	63.60069	0.564598	35.83472	15.05389	20.78083	30.39154	7
2000.555	2000.555	1356.055	59.33723	87.59318	58.10116	53.05798	73.79176	0	26.20824	5.377606	20.83063	32.07878	7
2000.56	2000.56	1356.06	55.51777	73.76589	54.85029	51.21623	76.24527	0	23.75473	10.66584	13.08888	31.48426	7
2000.565	2000.565	1356.065	59.30015	101.7413	57.79214	56.32122	72.50953	0	27.49047	6.825311	20.66516	31.72849	7
2000.57	2000.57	1356.07	61.61161	124.8428	59.97999	59.26307	65.75039	1.517232	32.73238	28.20726	4.525119	29.76434	7
2000.575	2000.575	1356.075	61.22843	57.14259	60.65983	59.86875	74.24794	0	25.75206	11.55643	14.19563	30.55743	7
2000.58	2000.58	1356.08	61.90827	46.01965	61.45092	61.21607	75.45208	0	24.54792	21.11862	3.429303	30.31661	7
2000.585	2000.585	1356.085	65.50524	35.9815	65.1097	64.25681	74.09312	0	25.90688	7.236907	18.66997	30.35705	7
2000.59	2000.59	1356.09	69.44831	26.86007	69.34943	69.85622	70.37378	0	29.62622	7.151824	22.4744	30.24278	7
2000.595	2000.595	1356.095	70.98104	55.37025	70.91924	68.49654	61.77682	0	38.22318	17.40813	20.81506	31.57162	7
2000.6	2000.6	1356.1	71.05521	90.92395	70.32592	69.49776	58.27756	1.248815	40.47363	11.31878	29.15485	30.02693	7
2000.605	2000.605	1356.105	73.47791	78.91484	72.90932	71.16645	57.70953	1.120244	41.17022	29.03729	12.13293	30.54243	7
2000.61	2000.61	1356.11	65.55468	86.43199	64.55346	63.28031	66.5326	0	33.4674	14.00691	19.46049	31.15663	7
2000.615	2000.615	1356.115	63.34211	41.48185	62.95893	63.24323	74.65631	0	25.34369	13.40932	11.93437	30.14603	7
2000.62	2000.62	1356.12	69.22582	46.66136	68.96624	67.30991	67.03191	0	32.96809	8.460176	24.50792	30.87168	7
2000.625	2000.625	1356.125	72.8846	85.79028	72.24184	68.08863	57.1663	1.347117	41.48658	23.13283	18.35376	30.70991	7

2000.63	2000.63	1356.13	72.27892	113.8574	69.99218	63.89834	63.67211	0.532163	35.79573	25.64915	10.14658	31.50513	7
2000.635	2000.635	1356.135	70.42481	80.10658	67.96502	64.72651	74.88672	0	25.11328	6.659352	18.45393	31.34994	7
2000.64	2000.64	1356.14	68.68195	59.54136	67.68073	66.61771	70.16305	0	29.83695	20.75494	9.082016	30.77545	7
2000.645	2000.645	1356.145	69.06513	49.16707	68.81792	68.76847	66.47756	0	33.52244	5.427698	28.09474	30.60665	7
2000.65	2000.65	1356.15	75.23313	66.53903	74.51621	72.15531	60.23922	0.349217	39.41156	18.45327	20.9583	31.46774	7
2000.655	2000.655	1356.155	75.5916	81.14554	74.10831	74.38024	62.31399	0	37.68601	17.1033	20.58271	31.00401	7
2000.66	2000.66	1356.16	72.68682	114.1324	70.26412	67.35935	64.28403	0.358042	35.35793	18.11746	17.24047	31.06537	7
2000.665	2000.665	1356.165	70.72147	122.5968	70.18996	71.04285	49.38703	3.63723	46.97574	19.29617	27.67957	27.82767	7
2000.67	2000.67	1356.17	70.69675	102.6886	69.79441	68.79319	57.10144	1.726183	41.17238	24.47997	16.69241	29.57799	7
2000.675	2000.675	1356.175	69.69553	66.4932	68.06391	67.14922	72.43379	0	27.56621	13.54102	14.02519	30.80495	7
2000.68	2000.68	1356.18	70.40009	68.38776	70.00455	67.00089	61.74754	0.130544	38.12192	22.26252	15.8594	31.4969	7
2000.685	2000.685	1356.185	70.6473	86.61533	69.62136	70.56078	61.99461	0.449407	37.55598	21.99604	15.55994	30.40211	7
2000.69	2000.69	1356.19	65.54232	86.30976	63.39155	60.26429	75.48255	0	24.51745	10.41673	14.10072	31.80187	7
2000.695	2000.695	1356.195	64.42986	83.08594	62.22965	58.73156	77.66936	0	22.33064	13.64686	8.683775	32.02756	7
2000.7	2000.7	1356.2	66.07383	87.66957	64.8254	63.76238	67.6714	0	32.3286	11.05582	21.27278	31.14861	7
2000.705	2000.705	1356.205	71.31478	96.01178	71.45075	73.78693	50.1018	3.016862	46.88134	31.76138	15.11996	28.27586	7
2000.71	2000.71	1356.21	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2001	2001	1356.5	105.8136	122.0774	106.4193	104.5033	8.414795	30.05676	61.52845	43.90372	17.62472	28.50641	-9999
2001.005	2001.005	1356.505	106.4811	240.9462	106.7406	104.2561	0	35.76093	64.23907	64.23907	0	-9999	-9999
2001.01	2001.01	1356.51	112.5007	231.4733	113.1806	113.7739	0	50.25417	49.74583	49.74583	0	-9999	-9999
2001.015	2001.015	1356.515	111.7962	252.9247	112.1423	112.031	0	46.01937	53.98063	53.98063	0	-9999	-9999
2001.02	2001.02	1356.52	114.874	283.1156	115.4302	112.031	0	57.28397	42.71603	42.71603	0	-9999	-9999
2001.025	2001.025	1356.525	119.6205	365.4223	121.0667	117.0742	0	92.20922	7.790782	7.790782	0	-9999	-9999
2001.03	2001.03	1356.53	100.6715	407.6375	101.7222	100.2883	0	45.83974	54.16026	54.16026	0	-9999	-9999
2001.035	2001.035	1356.535	100.1524	415.9033	102.674	106.4811	0	56.76568	43.23432	43.23432	0	-9999	-9999
2001.04	2001.04	1356.54	105.9743	544.1686	109.8555	115.937	0	92.47887	7.521133	7.521133	0	-9999	-9999
2001.045	2001.045	1356.545	100.8693	419.0049	103.1437	107.2722	0	56.33123	43.66877	43.66877	0	-9999	-9999
2001.05	2001.05	1356.55	107.4699	462.7022	110.0533	110.041	0	76.82936	23.17064	23.17064	0	-9999	-9999
2001.055	2001.055	1356.555	104.5899	415.3075	105.9125	108.879	0	54.52753	45.47247	45.47247	0	-9999	-9999
2001.06	2001.06	1356.56	104.8247	377.1717	107.5441	110.4365	0	65.76216	34.23784	34.23784	0	-9999	-9999
2001.065	2001.065	1356.565	98.37242	328.2338	100.5974	104.0089	0	45.6259	54.3741	54.3741	0	-9999	-9999
2001.07	2001.07	1356.57	88.91646	237.157	89.44798	90.68405	0	20.51921	79.48079	79.48079	0	-9999	-9999
2001.075	2001.075	1356.575	83.76204	167.1803	83.7744	85.36893	22.3855	11.36157	66.25292	44.29592	21.95701	27.06343	-9999
2001.08	2001.08	1356.58	79.59647	141.68	78.68178	80.18979	39.57356	5.895437	54.531	32.83097	21.70003	27.19466	-9999
2001.085	2001.085	1356.585	77.16141	127.9138	75.55451	73.3543	50.50979	3.056348	46.43386	20.98461	25.44925	28.85313	-9999
2001.09	2001.09	1356.59	74.80051	101.6802	74.30608	75.3691	50.40875	3.055803	46.53545	20.09579	26.43966	28.62685	-9999
2001.095	2001.095	1356.595	76.93892	103.04	77.08724	77.56931	43.13097	4.991023	51.87801	17.98632	33.89169	28.18329	-9999
2001.1	2001.1	1356.6	80.93143	147.4401	80.12798	80.44936	36.08929	6.863068	57.04764	34.07628	22.97135	27.26731	-9999
2001.105	2001.105	1356.605	83.39122	172.2987	82.40236	79.89313	29.24746	8.657326	62.09522	44.86376	17.23146	27.47712	-9999
2001.11	2001.11	1356.61	93.05731	200.2435	93.32925	94.47879	3.820836	19.63052	76.54864	76.54864	0	-9999	-9999
2001.115	2001.115	1356.615	93.41577	219.0364	94.70129	96.01152	0	26.31994	73.68006	73.68006	0	-9999	-9999
2001.12	2001.12	1356.62	91.31445	237.0501	92.50108	91.93248	0	25.12339	74.87661	74.87661	0	-9999	-9999
2001.125	2001.125	1356.625	89.74463	199.7088	90.18962	90.5728	5.65677	18.15871	76.18452	60.78279	15.40174	-9999	-9999
2001.13	2001.13	1356.63	83.15636	154.9267	82.94623	83.98453	27.63241	9.643842	62.72375	45.2114	17.51235	27.12138	-9999
2001.135	2001.135	1356.635	84.24411	154.8656	84.29355	83.26761	24.63477	10.84246	64.52278	38.63885	25.88393	27.64779	-9999
2001.14	2001.14	1356.64	86.81514	149.9458	86.90167	85.41838	23.17261	11.79229	65.0351	44.02803	21.00708	27.96137	-9999
2001.145	2001.145	1356.645	88.33551	169.1512	89.48506	90.9189	8.887734	18.02126	73.09101	54.18603	18.90497	28.42791	-9999
2001.15	2001.15	1356.65	92.26622	130.0987	93.52702	92.68649	13.86003	19.10356	67.03641	47.68522	19.35118	28.62588	-9999
2001.155	2001.155	1356.655	96.04861	188.815	97.44537	99.81863	0	27.69366	72.30634	72.30634	0	-9999	-9999
2001.16	2001.16	1356.66	100.3501	205.9578	101.2648	104.4663	0	30.81667	69.18333	69.18333	0	-9999	-9999
2001.165	2001.165	1356.665	105.9001	230.7858	107.1856	108.6689	0	44.04562	55.95438	55.95438	0	-9999	-9999
2001.17	2001.17	1356.67	107.1733	359.0205	109.1881	112.8345	0	62.8217	37.1783	37.1783	0	-9999	-9999
2001.175	2001.175	1356.675	109.1015	390.7087	110.5354	115.5909	0	62.87579	37.12421	37.12421	0	-9999	-9999
2001.18	2001.18	1356.68	111.2894	564.9936	111.6973	123.2669	0	66.91401	33.08599	33.08599	0	-9999	-9999
2001.185	2001.185	1356.685	118.7553	712.2809	118.1249	130.1519	0	75.52959	24.47041	24.47041	0	-9999	-9999
2001.19	2001.19	1356.69	115.937	534.4971	115.628	111.6973	0	63.61409	36.38591	36.38591	0	-9999	-9999
2001.195	2001.195	1356.695	118.8912	598.0415	122.5377	127.6921	0	100	0	0	0	-9999	-9999
2001.2	2001.2	1356.7	107.0002	772.2042	108.5453	129.5091	0	85.34681	14.65319	14.65319	0	-9999	-9999
2001.205	2001.205	1356.705	113.9099	629.8672	115.3561	117.581	0	91.29534	8.704656	8.704656	0	-9999	-9999
2001.21	2001.21	1356.71	112.8963	477.9046	114.2065	117.272	0	76.34105	23.65895	23.65895	0	-9999	-9999
2001.215	2001.215	1356.715	100.3625	290.648	101.8211	99.64558	0	40.55211	59.44789	59.44789	0	-9999	-9999
2001.22	2001.22	1356.72	92.90898	231.29	93.02023	89.70755	0	20.8466	79.1534	79.1534	0	-9999	7
2001.225	2001.225	1356.725	88.558	287.5006	85.76448	75.82645	10.60132	11.60138	77.7973	61.26623	16.53108	28.89564	7
2001.23	2001.23	1356.73	83.37886	175.3391	80.00438	77.09961	47.0116	2.508394	50.48001	28.13747	22.34254	28.26942	7
2001.235	2001.235	1356.735	79.76952	83.05538	78.38512	76.16019	57.24175	0.877265	41.88098	22.35068	19.5303	30.90436	7
2001.24	2001.24	1356.74	78.0761	61.0234	77.47043	76.71642	58.09631	0.811172	41.09252	18.19656	22.89596	31.08993	7
2001.245	2001.245	1356.745	78.18735	58.0746	77.80417	78.2986	56.98325	1.135135	41.88161	16.71851	25.1631	30.73814	7
2001.25	2001.25	1356.75	76.11075	37.61633	76.12311	75.12189	60.77917	0.048439	39.17239	27.23453	11.93787	31.97005	7
2001.255	2001.255	1356.755	74.75107	37.21908	74.81287	74.65218	61.74302	0	38.25698	9.482576	28.7744	31.58883	7
2001.26	2001.26	1356.76	73.53971	42.9639	73.49027	72.64974	62.32938	0	37.67062	19.32633	18.34429	31.463	7
2001.265	2001.265	1356.765	70.41245	77.6467	70.5855	69.90566	55.08891	1.635101	43.27599	13.2203	30.05569	29.79376	7
2001.27	2001.27	1356.77	68.64486	77.32584	68.80555	67.85378	56.88853	1.224071	41.8874	23.21985	18.66756	29.99899	7
2001.275	2001.275	1356.775	67.17394	83.52902	67.98975	69.609	51.66344	2.244801	46.09176	30.30878	15.78298	28.62754	7

2001.28	2001.28	1356.78	61.57453	96.13401	63.11962	64.52874	48.11255	2.74242	49.14503	16.38117	32.76387	27.71436	7
2001.285	2001.285	1356.785	63.05781	77.47863	64.10848	66.23452	55.09435	1.24387	43.66178	26.23856	17.42322	28.85503	7
2001.29	2001.29	1356.79	59.93055	78.1509	60.734	61.78466	59.72466	0.470305	39.80504	10.57181	29.23322	29.4989	7
2001.295	2001.295	1356.795	59.42376	80.87052	59.38668	59.67097	66.04686	0	33.95314	18.46851	15.48462	30.3753	7
2001.3	2001.3	1356.8	58.91697	64.50696	58.4967	59.01586	73.44276	0	26.55724	6.967092	19.59015	30.30039	7
2001.305	2001.305	1356.805	64.38041	54.68271	64.62763	64.28153	65.62089	0	34.37911	24.3098	10.06931	30.33527	7
2001.31	2001.31	1356.81	59.76986	62.4596	60.09124	59.00349	67.40582	0	32.59418	8.307288	24.28689	30.20564	7
2001.315	2001.315	1356.815	57.86631	64.01804	57.40896	57.50785	74.81507	0	25.18493	23.34398	1.840947	30.43349	7
2001.32	2001.32	1356.82	58.42254	70.46568	58.00228	57.76742	72.45562	0	27.54438	6.964375	20.58	30.49542	7
2001.325	2001.325	1356.825	62.1184	101.558	61.90827	60.95649	59.90257	1.365148	38.73228	17.06308	21.66921	29.4235	7
2001.33	2001.33	1356.83	64.26917	95.52286	64.99845	65.61649	52.10389	2.329006	45.5671	26.36756	19.19954	28.39683	7
2001.335	2001.335	1356.835	65.12206	64.82781	65.1097	63.87362	64.49517	0	35.50483	14.94188	20.56294	30.76353	7
2001.34	2001.34	1356.84	61.58689	63.92636	61.68577	61.61161	67.10352	0	32.89648	6.642863	26.25362	30.2215	7
2001.345	2001.345	1356.845	60.37554	62.35265	60.19012	59.57209	70.8021	0	29.1979	14.55568	14.64222	30.34621	7
2001.35	2001.35	1356.85	58.83044	64.17082	58.69448	59.21363	71.4004	0	28.5996	6.331669	22.26793	30.10905	7
2001.355	2001.355	1356.855	58.80572	71.81021	58.42254	57.76742	71.49033	0	28.50967	6.59445	21.91522	30.55676	7
2001.36	2001.36	1356.86	60.06652	60.91645	60.42498	58.95405	67.21895	0	32.78105	19.55613	13.22492	30.25806	7
2001.365	2001.365	1356.865	61.43856	73.06307	61.12954	59.51028	68.19016	0	31.80984	7.320163	24.48968	30.75399	7
2001.37	2001.37	1356.87	60.42498	67.53215	60.67219	61.75994	66.15033	0	33.84967	10.08242	23.76726	29.96013	7
2001.375	2001.375	1356.875	59.15182	46.3405	59.04058	58.81808	75.22808	0	24.77192	6.887607	17.88431	30.09758	7
2001.38	2001.38	1356.88	54.23225	56.36337	53.25575	52.09385	84.03425	0	15.96575	15.96575	0	31.61593	7
2001.385	2001.385	1356.885	52.68716	30.43531	52.41522	52.57591	86.26997	0	13.73003	13.00811	0.721919	30.76236	7
2001.39	2001.39	1356.89	57.61909	41.51241	57.76742	57.13702	75.79488	0	24.20512	5.637635	18.56748	29.95833	7
2001.395	2001.395	1356.895	62.5263	74.20898	64.05903	64.83776	52.63857	1.455823	45.90561	25.33964	20.56597	28.86676	7
2001.4	2001.4	1356.9	61.90827	120.6412	63.67585	62.51394	40.15046	4.713366	55.13618	32.35524	22.78093	27.17489	7
2001.405	2001.405	1356.905	63.39155	77.09666	62.58811	60.43734	69.2491	0	30.7509	12.16101	18.58989	31.09514	7
2001.41	2001.41	1356.91	62.67463	54.89661	62.13076	60.89469	73.26937	0	26.73063	9.144464	17.58617	30.58636	7
2001.415	2001.415	1356.915	64.25681	47.11972	63.7871	62.94657	73.121	0	26.879	10.84516	16.03384	30.42923	7
2001.42	2001.42	1356.92	63.52752	85.01106	63.02073	62.5263	64.90962	0.110997	34.97938	26.27733	8.702049	30.73972	7
2001.425	2001.425	1356.925	61.8341	96.63821	61.99479	61.71049	58.48084	1.371884	40.14728	27.51449	12.63278	29.19261	7
2001.43	2001.43	1356.93	61.32731	104.9499	61.78466	62.58811	54.63657	2.158456	43.20498	25.86006	17.34491	28.2271	7
2001.435	2001.435	1356.935	62.67463	111.9475	62.25437	63.30503	58.50509	1.919245	39.57567	17.54592	22.02974	28.6075	7
2001.44	2001.44	1356.94	59.64625	92.65045	60.3879	61.04302	56.9563	1.345744	41.69796	16.50129	25.19667	28.76851	7
2001.445	2001.445	1356.945	57.97755	63.23882	58.63267	58.47198	66.27969	0	33.72031	6.283624	27.43669	29.81363	7
2001.45	2001.45	1356.95	58.36074	41.81799	58.83044	59.54737	72.54793	0	27.45207	9.352424	18.09964	29.46853	7
2001.455	2001.455	1356.955	58.29893	41.8791	58.62031	59.60917	73.73955	0	26.26045	14.79623	11.46421	29.52047	7
2001.46	2001.46	1356.96	57.32244	44.8279	57.49549	58.70684	75.07387	0	24.92613	14.83737	10.08877	29.61205	7
2001.465	2001.465	1356.965	56.59315	35.56897	56.60551	57.37188	79.23081	0	20.76919	10.30004	10.46914	29.86631	7
2001.47	2001.47	1356.97	55.28291	41.74159	55.34472	54.73904	78.55927	0	21.44073	7.066844	14.37388	30.11536	7
2001.475	2001.475	1356.975	55.10986	54.69799	55.22111	55.57957	75.19985	0	24.80015	7.984386	16.81576	29.90932	7
2001.48	2001.48	1356.98	54.81321	78.94539	54.77612	54.76376	70.75445	0	29.24555	17.98966	11.25589	30.30149	7
2001.485	2001.485	1356.985	51.78483	70.55735	52.05676	51.46345	73.17558	0	26.82442	17.78121	9.043211	30.10767	7
2001.49	2001.49	1356.99	46.98886	66.63071	45.9382	45.15948	88.78825	0	11.21175	11.21175	0	32.68235	7
2001.495	2001.495	1356.995	45.9382	54.78966	45.23364	44.04701	89.93811	0	10.06189	10.06189	0	32.46649	7
2001.5	2001.5	1357	46.66748	46.64608	45.76515	44.98643	92.77065	0	7.229353	4.96224	2.267113	32.8626	7
2001.505	2001.505	1357.005	52.13093	63.16243	51.5747	51.0061	81.06504	0	18.93496	8.652479	10.28248	31.07817	7
2001.51	2001.51	1357.01	61.36439	110.2516	59.16418	58.34838	73.9155	0.008969	26.07553	21.37466	4.700871	31.9613	7
2001.515	2001.515	1357.015	67.50768	225.1021	65.38163	65.01081	39.89509	8.054566	52.05035	23.4216	28.62874	24.7483	7
2001.52	2001.52	1357.02	68.00211	115.263	66.63007	63.77474	60.17773	1.6123	38.20997	21.75868	16.45129	29.89202	7
2001.525	2001.525	1357.025	65.49288	80.07602	64.7636	63.31739	66.0201	0	33.9799	15.72139	18.25851	31.06688	7
2001.53	2001.53	1357.03	67.65601	96.34791	66.902	66.37049	60.28382	1.096404	38.61978	13.24558	25.3742	29.921	7
2001.535	2001.535	1357.035	61.67341	82.55118	61.88354	61.37675	61.65455	0.448235	37.89722	10.10456	27.79265	30.09155	7
2001.54	2001.54	1357.04	59.52265	115.3241	60.82052	63.82418	47.27218	3.384089	49.34373	31.93248	17.41125	26.73848	7
2001.545	2001.545	1357.045	57.61909	95.18672	57.69326	57.49549	63.38047	0.661334	35.95819	16.28111	19.67708	29.72443	7
2001.55	2001.55	1357.05	56.43246	72.25329	56.54371	55.33236	69.73468	0	30.26532	22.92242	7.342902	30.34335	7
2001.555	2001.555	1357.055	58.83044	88.21961	57.79214	56.69204	72.57368	0	27.42632	5.705492	21.72082	31.22837	7
2001.56	2001.56	1357.06	56.1358	77.47863	55.4436	52.06912	74.96979	0	25.03021	7.949013	17.0812	31.42742	7
2001.565	2001.565	1357.065	53.89851	93.01714	52.77369	51.87135	76.62063	0	23.37937	4.604186	18.77519	31.64295	7
2001.57	2001.57	1357.07	56.55607	116.577	55.22111	52.45231	70.10271	0.92953	28.96776	22.32831	6.639442	30.87013	7
2001.575	2001.575	1357.075	56.92689	85.10274	56.63023	55.99984	69.33149	0	30.66851	11.22853	19.43998	30.66297	7
2001.58	2001.58	1357.08	58.38546	124.1553	57.87867	59.36196	60.16743	2.215301	37.61727	20.81983	16.79745	28.14993	7
2001.585	2001.585	1357.085	59.94291	123.5288	58.26185	56.55607	67.98675	1.299418	30.71383	13.94856	16.76527	30.29309	7
2001.59	2001.59	1357.09	60.47442	153.2613	59.64625	58.65739	53.6926	4.088524	42.21887	20.58504	21.63383	27.11193	7
2001.595	2001.595	1357.095	60.65983	115.7978	62.19256	65.03553	44.29123	3.866859	51.84191	27.24788	24.59403	26.64308	7
2001.6	2001.6	1357.1	62.08132	64.35417	62.31617	62.88476	65.49136	0	34.50864	18.90907	15.59956	30.12811	7
2001.605	2001.605	1357.105	60.43734	109.9002	60.83288	61.12954	54.73634	2.299305	42.96435	20.12386	22.84049	28.14398	7
2001.61	2001.61	1357.11	59.17654	87.01258	60.06652	61.7723	57.60325	1.030117	41.36664	16.86841	24.49822	28.78205	7
2001.615	2001.615	1357.115	55.80207	109.4724	56.85273	57.54493	54.02715	2.182106	43.79074	32.27196	11.51878	27.70326	7
2001.62	2001.62	1357.12	57.26063	99.9537	57.38424	56.9887	62.17347	0.983327	36.84321	25.55912	11.28409	29.39838	7
2001.625	2001.625	1357.125	59.38668	74.74373	59.65861	59.95527	65.16877	0	34.83123	11.84501	22.98622	30.16717	7
2001.63	2001.63	1357.13	62.64991	76.47023	62.67463	62.34089	63.66469	0	36.33531	15.10513	21.23017	30.61499	7
2001.635	2001.635	1357.135	63.30503	85.13329	63.23086	65.43107	61.73189	0.55674	37.71137	18.51887	19.1925	29.64451	7
2001.64	2001.64	1357.14	62.30381	92.06985	62.88476	63.20614	55.89719	1.574118	42.52869	25.47364	17.05505	28.86868	7

2001.645	2001.645	1357.145	62.36561	76.74525	63.20614	66.07383	57.53718	0.829207	41.63361	12.56369	29.06992	29.02121	7
2001.65	2001.65	1357.15	65.39399	80.65662	66.5559	69.2011	51.31383	2.097695	46.58847	23.02575	23.56272	28.37107	7
2001.655	2001.655	1357.155	67.61892	51.91725	67.82906	68.2246	63.59809	0	36.40191	9.013182	27.38873	30.5555	7
2001.66	2001.66	1357.16	67.22338	45.1946	67.38407	66.07383	65.97205	0	34.02795	22.88657	11.14137	30.65285	7
2001.665	2001.665	1357.165	65.9255	40.82487	66.24688	65.8637	66.97823	0	33.02177	16.59068	16.43109	30.2643	7
2001.67	2001.67	1357.17	65.88842	36.04261	66.12328	65.82662	68.84022	0	31.15978	20.69862	10.46115	30.16108	7
2001.675	2001.675	1357.175	65.01081	35.21756	65.03553	65.78954	71.47581	0	28.52419	24.12561	4.398573	29.90471	7
2001.68	2001.68	1357.18	64.45458	33.73552	64.72651	65.64121	70.43029	0	29.56971	19.567	10.00271	29.76828	7
2001.685	2001.685	1357.185	62.84768	38.89974	62.72407	62.55102	73.72435	0	26.27565	23.55229	2.723356	30.06765	7
2001.69	2001.69	1357.19	61.17898	56.18003	60.52386	59.36196	75.19694	0	24.80306	23.39957	1.403492	30.67097	7
2001.695	2001.695	1357.195	61.66105	58.77742	61.30259	61.35203	71.82577	0	28.17423	8.952864	19.22137	30.28464	7
2001.7	2001.7	1357.2	65.1715	69.74758	64.93665	68.79319	64.98342	0	35.01658	14.49591	20.52066	29.89916	7
2001.705	2001.705	1357.205	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2002	2002	1357.5	96.25874	142.5203	93.83604	87.65567	35.72799	3.745839	60.52617	34.80585	25.72033	29.77453	7
2002.005	2002.005	1357.505	98.01396	161.0077	95.39349	89.5345	31.17198	4.113321	64.7147	37.90992	26.80477	29.54378	7
2002.01	2002.01	1357.51	99.29948	91.79484	97.58134	93.13147	39.74573	4.849762	55.40451	37.27595	18.12856	30.29251	7
2002.015	2002.015	1357.515	95.70251	72.52831	94.98558	93.53938	39.95799	7.631353	52.41065	25.75315	26.6575	29.55633	7
2002.02	2002.02	1357.52	91.66055	62.87213	91.17848	91.49986	44.19327	6.038332	49.7684	24.60886	25.15954	29.60307	7
2002.025	2002.025	1357.525	90.69641	104.4151	89.20076	87.64331	42.88212	4.253976	52.8639	24.91001	27.95389	29.35186	7
2002.03	2002.03	1357.53	94.80017	190.954	93.10675	92.16734	19.69697	10.32183	69.9812	52.36909	17.61211	28.05635	7
2002.035	2002.035	1357.535	89.67047	125.7137	87.35901	85.82628	44.99424	2.416469	52.58929	22.67307	29.91622	29.24194	7
2002.04	2002.04	1357.54	84.15758	87.76124	83.23053	80.35048	48.52148	3.329175	48.14935	15.62682	32.52252	29.99132	7
2002.045	2002.045	1357.545	83.56427	77.0661	82.76082	79.57175	50.69759	2.803779	46.49863	32.6828	13.81583	30.46037	7
2002.05	2002.05	1357.55	79.80661	83.39151	78.95371	78.53345	53.00708	2.153481	44.83944	24.36408	20.47536	29.91133	7
2002.055	2002.055	1357.555	77.00072	117.9368	74.09595	67.84142	63.13061	0	36.86939	7.525376	29.34401	31.56688	7
2002.06	2002.06	1357.56	78.78066	107.8223	76.91419	73.9229	55.89395	1.343293	42.76276	30.73639	12.02637	30.25603	7
2002.065	2002.065	1357.565	80.75838	114.8505	79.52231	72.73627	47.48804	3.550833	48.96113	33.90678	15.05436	29.89486	7
2002.07	2002.07	1357.57	81.52475	109.289	80.85727	80.90671	43.72225	4.790196	51.48755	34.51019	16.97736	28.43846	7
2002.075	2002.075	1357.575	80.20215	80.70245	79.54703	77.69292	51.7612	2.544482	45.69432	28.84633	16.84799	30.08218	7
2002.08	2002.08	1357.58	79.32454	92.81851	78.58289	77.24793	50.30709	2.941049	46.75187	31.26405	15.48782	29.51914	7
2002.085	2002.085	1357.585	81.05504	134.0254	80.17743	76.0613	39.79672	5.800152	54.40313	23.79434	30.60878	28.47458	7
2002.09	2002.09	1357.59	77.42098	77.55503	76.08603	73.82401	60.35031	0.245336	39.40435	18.19489	21.20947	31.38019	7
2002.095	2002.095	1357.595	79.86841	94.45334	78.75594	77.34682	52.28496	2.298894	45.41614	23.48503	21.93111	29.78939	7
2002.1	2002.1	1357.6	77.76708	119.8619	76.46921	71.92046	49.50624	3.231419	47.26234	29.27811	17.98423	29.37808	7
2002.105	2002.105	1357.605	74.08359	83.65125	73.08237	70.91924	59.35895	0.781069	39.85999	11.58986	28.27013	30.81368	7
2002.11	2002.11	1357.61	74.63982	101.6191	73.19361	70.25176	57.94764	1.279922	40.77244	14.62947	26.14296	30.36912	7
2002.115	2002.115	1357.615	72.72391	100.3815	70.78327	67.26046	63.8416	0.18397	35.97443	12.23943	23.735	31.40176	7
2002.12	2002.12	1357.62	68.70667	60.91645	67.69309	66.23452	69.90333	0	30.09667	19.55256	10.54412	30.85265	7
2002.125	2002.125	1357.625	72.39017	92.05458	71.00576	69.02805	61.85295	0.475427	37.67162	20.29382	17.3778	30.90474	7
2002.13	2002.13	1357.63	67.26046	47.82254	66.17272	64.83776	74.97734	0	25.02266	7.428529	17.59413	30.72456	7
2002.135	2002.135	1357.635	69.07749	90.77116	67.30991	65.33219	68.18087	0	31.81913	13.47606	18.34307	31.29928	7
2002.14	2002.14	1357.64	68.27404	90.83227	66.82784	67.28518	66.41456	0	33.58544	20.59434	12.9911	30.90944	7
2002.145	2002.145	1357.645	67.07505	65.20978	66.35813	65.31983	68.06633	0	31.93367	14.32213	17.61154	30.79923	7
2002.15	2002.15	1357.65	69.18874	83.49847	69.15165	69.17638	56.42712	1.461558	42.11132	30.13882	11.9725	29.63072	7
2002.155	2002.155	1357.655	64.86248	52.3145	64.18264	64.8872	72.93517	0	27.06483	15.1337	11.93113	30.26105	7
2002.16	2002.16	1357.66	66.13564	82.0317	64.71415	63.29267	70.32004	0	29.67996	11.66142	18.01853	31.13743	7
2002.165	2002.165	1357.665	65.18386	139.4035	61.93299	58.48434	71.48947	1.000586	27.50995	22.70977	4.800174	31.41128	7
2002.17	2002.17	1357.67	69.62136	291.03	63.99723	57.49549	49.10612	8.296715	42.59716	18.19047	24.40669	24.91866	7
2002.175	2002.175	1357.675	68.73139	293.2454	63.87362	55.35708	43.44943	9.433266	47.1173	25.24974	21.86757	24.76217	7
2002.18	2002.18	1357.68	63.53988	149.8694	60.00471	53.88615	72.67247	1.475289	25.85224	9.834735	16.01751	31.76022	7
2002.185	2002.185	1357.685	63.1567	80.10658	61.51272	58.55851	75.25087	0	24.74913	22.39117	2.357959	31.65591	7
2002.19	2002.19	1357.69	68.84264	123.9566	67.1863	64.60291	59.50389	1.899654	38.59646	26.43482	12.16164	29.57781	7
2002.195	2002.195	1357.695	63.5646	78.0745	62.13076	59.90583	73.73883	0	26.26117	19.06128	7.199885	31.35807	7
2002.2	2002.2	1357.7	67.29755	90.14473	66.03675	61.10482	66.04239	0	33.95761	20.97899	12.97861	31.90829	7
2002.205	2002.205	1357.705	65.90078	66.52376	65.08497	64.60291	69.59505	0	30.40495	7.384836	23.02012	30.67698	7
2002.21	2002.21	1357.71	65.97495	40.91654	65.70301	66.11092	71.50875	0	28.49125	14.96298	13.52827	30.13505	9
2002.215	2002.215	1357.715	68.62014	53.26178	68.59542	69.32471	64.17171	0	35.82829	9.224692	26.6036	30.56594	9
2002.22	2002.22	1357.72	71.47547	51.70335	71.67324	72.90932	60.19762	0.164617	39.63776	15.15684	24.48091	30.87793	9
2002.225	2002.225	1357.725	73.15653	47.04333	73.09473	73.03292	61.79048	0	38.20952	22.84633	15.36319	31.32366	9
2002.23	2002.23	1357.73	73.11945	50.48105	73.08237	73.71276	60.80108	0.06368	39.13524	11.63547	27.49977	31.21902	9
2002.235	2002.235	1357.735	71.40131	49.50321	71.05521	71.24062	65.0133	0	34.9867	12.19753	22.78917	30.79981	9
2002.24	2002.24	1357.74	70.28884	52.55896	70.05399	69.05277	64.43511	0	35.56489	15.60386	19.96103	30.99753	9
2002.245	2002.245	1357.745	68.81792	42.35274	68.69431	68.03919	67.39611	0	32.60389	16.28326	16.32063	30.59394	9
2002.25	2002.25	1357.75	69.23818	46.95165	69.05277	69.13929	66.37551	0	33.62449	17.84846	15.77603	30.5686	9
2002.255	2002.255	1357.755	67.71781	58.68575	67.22338	66.29633	67.32949	0	32.67051	14.80496	17.86555	30.73472	9
2002.26	2002.26	1357.76	65.9255	61.37481	65.8637	65.64121	64.97481	0	35.02519	19.36689	15.6583	30.57104	9
2002.265	2002.265	1357.765	65.29511	59.32746	64.91192	63.97251	68.54092	0	31.45908	22.40169	9.057385	30.59512	9
2002.27	2002.27	1357.77	64.71415	67.97524	64.46694	63.49044	65.92889	0	34.07111	12.61624	21.45488	30.71163	9
2002.275	2002.275	1357.775	61.4262	50.51161	61.11718	61.35203	73.65898	0	26.34102	19.79186	6.549163	30.14948	9
2002.28	2002.28	1357.78	60.01707	44.15564	59.79458	58.05172	75.82295	0	24.17705	13.88094	10.29611	30.43622	9
2002.285	2002.285	1357.785	60.5115	40.18316	60.19012	60.22721	77.09578	0	22.90422	21.40264	1.501586	30.16737	9
2002.29	2002.29	1357.79	59.78222	33.50634	59.49792	59.13946	79.09512	0	20.90488	5.071319	15.83356	30.23733	9
2002.295	2002.295	1357.795	61.00593	21.28332	61.04302	61.32731	78.43659	0	21.56341	6.092855	15.47056	29.81388	9

2002.3	2002.3	1357.8	64.87484	27.91431	64.73887	64.51638	74.61364	0	25.38636	8.592119	16.79425	30.06613	9
2002.305	2002.305	1357.805	66.51882	34.95782	66.74131	66.5559	68.61857	0	31.38143	24.38437	6.997062	30.18672	9
2002.31	2002.31	1357.81	66.148	55.90501	65.74009	64.08376	68.77609	0	31.22391	23.3396	7.884313	30.7258	9
2002.315	2002.315	1357.815	64.12084	39.74008	63.55224	61.97007	75.79833	0	24.20167	21.05243	3.149242	30.5647	9
2002.32	2002.32	1357.82	63.45336	32.81879	63.36683	62.92185	74.35133	0	25.64867	21.9945	3.65417	30.07117	9
2002.325	2002.325	1357.825	63.99723	39.74008	64.00959	63.79946	71.40965	0	28.59035	8.765924	19.82442	30.06688	9
2002.33	2002.33	1357.83	63.0949	39.03725	63.07018	62.37797	72.69727	0	27.30273	12.53626	14.76646	30.12111	9
2002.335	2002.335	1357.835	58.10116	33.93414	57.81686	56.81565	80.53817	0	19.46183	8.673382	10.78845	30.44278	9
2002.34	2002.34	1357.84	58.74392	35.58425	58.4349	57.97755	79.7391	0	20.2609	12.51719	7.743708	30.32519	9
2002.345	2002.345	1357.845	58.17533	39.49561	57.56965	56.54371	81.61475	0	18.38525	12.22684	6.158415	30.78649	9
2002.35	2002.35	1357.85	58.05172	38.89974	57.47076	56.38302	81.68108	0	18.31892	4.114425	14.2045	30.78235	9
2002.355	2002.355	1357.855	53.54005	19.52627	52.9591	53.18159	90.52019	0	9.479807	5.5387	3.941107	31.36438	9
2002.36	2002.36	1357.86	53.56477	22.62786	53.23103	53.52769	87.83095	0	12.16905	12.16905	0	30.84162	9
2002.365	2002.365	1357.865	52.9591	27.66985	52.74896	53.54005	86.21005	0	13.78995	9.684258	4.105689	30.53985	9
2002.37	2002.37	1357.87	52.79841	26.03502	52.55119	52.01968	87.0409	0	12.9591	12.07947	0.879626	30.89082	9
2002.375	2002.375	1357.875	53.11979	28.0671	52.65008	51.80955	87.97779	0	12.02221	12.02221	0	31.25767	9
2002.38	2002.38	1357.88	54.13337	30.95478	53.82435	53.56477	85.10114	0	14.89886	11.58286	3.316	30.71246	9
2002.385	2002.385	1357.885	56.16053	44.73623	55.80207	55.41888	80.28422	0	19.71578	3.918851	15.79693	30.50002	9
2002.39	2002.39	1357.89	55.77734	45.95853	55.86387	55.59193	76.89231	0	23.10769	14.57389	8.533804	29.99762	9
2002.395	2002.395	1357.895	57.24827	60.91645	56.77856	56.55607	76.23005	0	23.76995	11.48674	12.28322	30.50938	9
2002.4	2002.4	1357.9	58.05172	49.68655	57.79214	57.71798	76.57998	0	23.42002	13.0365	10.38352	30.22572	9
2002.405	2002.405	1357.905	65.72773	87.77652	65.50524	64.00959	60.01289	0.916304	39.07081	25.84641	13.2244	30.12777	10
2002.41	2002.41	1357.91	69.74497	159.4798	69.68317	70.65966	37.7195	6.661172	55.61933	19.76599	35.85334	26.21162	10
2002.415	2002.415	1357.915	71.92046	190.6485	71.57436	71.24062	30.37853	8.741923	60.87955	26.66341	34.21614	25.92927	10
2002.42	2002.42	1357.92	74.40497	223.7423	74.55329	75.56687	16.25225	12.42016	71.32758	58.17943	13.14815	26.19234	10
2002.425	2002.425	1357.925	71.54964	260.8697	70.40009	66.01203	19.95287	12.13942	67.90771	53.01381	14.8939	25.75134	10
2002.43	2002.43	1357.93	68.89208	239.9683	68.24932	68.08863	23.52833	11.11058	65.36109	49.38859	15.9725	24.93762	10
2002.435	2002.435	1357.935	70.16523	291.0911	69.23818	65.75245	12.18862	14.33386	73.47752	47.39908	26.07844	25.80705	10
2002.44	2002.44	1357.94	68.87972	279.8612	68.2864	66.148	13.50244	13.87045	72.62711	45.61971	27.0074	25.5309	10
2002.445	2002.445	1357.945	60.42498	184.9342	58.50907	55.99984	54.50327	5.265581	40.23115	29.19057	11.04058	26.62427	10
2002.45	2002.45	1357.95	48.12605	92.17681	45.62918	42.99635	92.76797	0	7.232029	5.617232	1.614797	35.30195	-9999
2002.455	2002.455	1357.955	45.60446	33.82719	44.78865	43.89868	96.18023	0	3.819771	3.819771	0	33.2597	-9999
2002.46	2002.46	1357.96	47.39677	52.83398	47.53274	47.65634	82.5554	0	17.4446	17.4446	0	30.45144	-9999
2002.465	2002.465	1357.965	48.60812	50.0838	48.73173	48.26202	82.20229	0	17.79771	17.79771	0	30.47342	-9999
2002.47	2002.47	1357.97	53.63894	60.62615	54.44238	54.92445	69.75393	0	30.24607	7.140717	23.10535	29.34296	-9999
2002.475	2002.475	1357.975	53.55241	61.0234	52.47703	52.01968	84.29834	0	15.70166	15.70166	0	31.67203	-9999
2002.48	2002.48	1357.98	52.65008	79.90796	50.62292	49.20143	87.93469	0	12.06531	7.451291	4.614017	33.35979	-9999
2002.485	2002.485	1357.985	52.57591	81.51223	51.2904	50.0296	81.86695	0	18.13305	18.13305	0	32.0932	-9999
2002.49	2002.49	1357.99	53.15687	72.37552	52.56355	52.14329	78.179	0	21.821	19.82068	2.000326	30.96514	-9999
2002.495	2002.495	1357.995	51.50053	73.88812	51.99496	51.74775	70.90676	0	29.09324	10.67198	18.42126	29.86233	-9999
2002.5	2002.5	1358	47.12483	84.79716	47.24844	43.73799	75.16629	0	24.83371	17.75151	7.08221	31.10246	-9999
2002.505	2002.505	1358.005	42.37831	81.39	41.17932	40.33879	90.60775	0	9.392245	9.392245	0	33.61496	-9999
2002.51	2002.51	1358.01	42.20526	47.88366	41.66139	40.56128	93.79832	0	6.201676	6.201676	0	32.98741	-9999
2002.515	2002.515	1358.015	47.63162	56.33282	47.97772	46.59332	79.86409	0	20.13591	15.91674	4.219176	30.3566	-9999
2002.52	2002.52	1358.02	52.42759	76.94387	52.16801	50.66	75.15791	0	24.84209	6.057035	18.78505	30.83447	-9999
2002.525	2002.525	1358.025	52.6748	136.088	51.51289	46.88998	67.61068	2.16336	30.22596	22.87445	7.351509	29.83645	-9999
2002.53	2002.53	1358.03	55.27055	115.1408	53.88615	50.46223	72.01613	0.732942	27.25092	11.01551	16.23541	31.3571	-9999
2002.535	2002.535	1358.035	55.28291	133.1239	54.7514	55.14695	61.04295	2.53949	36.41756	10.19276	26.2248	28.00921	-9999
2002.54	2002.54	1358.04	59.93055	119.5564	61.26551	62.5263	45.58532	3.780321	50.63436	16.5618	34.07256	26.85672	-9999
2002.545	2002.545	1358.045	61.7723	124.1553	62.00715	60.1654	51.30379	3.295948	45.40026	25.32805	20.07221	27.86836	-9999
2002.55	2002.55	1358.05	62.45214	172.0848	61.92063	60.09124	45.01873	5.839156	49.14211	32.09209	17.05002	26.18108	-9999
2002.555	2002.555	1358.055	59.63389	146.1109	59.32487	56.96397	52.17288	3.990896	43.83622	17.09421	26.74201	27.32576	-9999
2002.56	2002.56	1358.06	58.26185	133.9031	57.73034	59.58445	58.11376	2.841617	39.04463	18.35293	20.6917	27.49667	-9999
2002.565	2002.565	1358.065	59.09002	130.8321	57.7427	56.27177	64.41754	2.024822	33.55763	18.10906	15.44857	29.27691	-9999
2002.57	2002.57	1358.07	59.88111	181.3437	57.3348	55.45596	60.75812	4.485457	34.75643	10.93493	23.8215	27.41796	-9999
2002.575	2002.575	1358.075	60.58567	231.4428	57.60673	50.42515	51.33879	7.5182	41.14301	19.25966	21.88335	25.90842	-9999
2002.58	2002.58	1358.08	60.49914	195.1251	58.69448	56.08636	51.10667	6.05219	42.84114	12.91161	29.92953	26.01683	-9999
2002.585	2002.585	1358.085	61.63633	232.9859	60.19012	55.17167	38.12007	8.990012	52.88991	28.90212	23.98779	24.8971	-9999
2002.59	2002.59	1358.09	59.91819	212.3443	60.64747	63.04545	27.836	9.455632	62.70837	37.10012	25.60825	24.25729	-9999
2002.595	2002.595	1358.095	61.54981	172.6959	60.96885	58.47198	46.08416	5.734419	48.18142	28.55836	19.62306	26.28567	-9999
2002.6	2002.6	1358.1	58.47198	224.4145	58.42254	56.33358	32.28064	9.375997	58.34336	28.40985	29.93352	24.44428	-9999
2002.605	2002.605	1358.105	58.1506	224.0173	57.63145	59.68333	36.31268	8.924441	54.76288	32.29439	22.46849	23.57631	-9999
2002.61	2002.61	1358.11	61.97007	198.8684	64.07139	67.80434	18.57611	10.38187	71.04202	50.46202	20.58	25.35039	-9999
2002.615	2002.615	1358.115	62.77352	292.8329	63.96015	75.03536	2.186427	15.87591	81.93767	81.93767	0	-9999	-9999
2002.62	2002.62	1358.12	60.70928	241.267	60.99357	67.55712	23.55755	11.09792	65.34453	35.07043	30.2741	23.11291	-9999
2002.625	2002.625	1358.125	63.9107	220.9768	63.65113	61.88354	29.73747	9.60646	60.65607	42.07981	18.57626	24.95375	-9999
2002.63	2002.63	1358.13	63.28031	327.4546	63.41628	60.09124	1.484363	17.13856	81.37707	81.37707	0	-9999	-9999
2002.635	2002.635	1358.135	58.62031	335.262	55.35708	52.62536	30.22596	14.32646	55.44757	21.74323	33.70434	21.63958	-9999
2002.64	2002.64	1358.14	62.84768	218.8836	62.36561	58.7192	32.94633	9.093733	57.95994	26.75313	31.20681	25.16002	-9999
2002.645	2002.645	1358.145	65.97495	194.8807	66.80312	68.64486	25.72361	9.508998	64.76739	38.02507	26.74232	25.31173	-9999
2002.65	2002.65	1358.15	64.98609	235.4611	65.8019	66.32105	16.9087	12.02287	71.06843	38.58582	32.48261	25.39602	-9999
2002.655	2002.655	1358.155	59.83166	211.7179	59.38668	50.93194	37.16779	8.318541	54.51367	29.41869	25.09498	25.96242	-9999
2002.66	2002.66	1358.16	58.85517	184.8731	57.23591	51.21623	53.66319	5.43882	40.89799	12.13379	28.7642	27.05273	-9999

2002.665	2002.665	1358.165	60.78344	173.8877	60.17776	61.05538	46.69241	5.713755	47.59384	24.30864	23.28519	25.61393	-9999
2002.67	2002.67	1358.17	58.05172	166.2024	57.85395	52.66244	47.90416	5.277059	46.81878	22.21471	24.60407	26.82924	-9999
2002.675	2002.675	1358.175	54.3435	162.3216	54.72668	49.52281	47.75248	5.072291	47.17523	28.87317	18.30206	26.67173	-9999
2002.68	2002.68	1358.18	53.62658	120.9009	53.60185	51.46345	61.59713	1.925996	36.47688	17.56257	18.91431	28.78576	-9999
2002.685	2002.685	1358.185	48.66992	69.67118	48.02717	46.93942	83.34462	0	16.65538	3.959506	12.69587	31.66413	-9999
2002.69	2002.69	1358.19	44.41783	50.45049	44.38075	44.04701	87.21396	0	12.78604	12.3017	0.484338	31.27089	-9999
2002.695	2002.695	1358.195	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2003.005	2003.005	1358.505	97.97688	366.5529	98.44659	99.28712	0	36.03286	63.96714	63.96714	0	-9999	-9999
2003.01	2003.01	1358.51	104.0336	316.4386	105.0596	107.0126	0	44.28576	55.71424	55.71424	0	-9999	-9999
2003.015	2003.015	1358.515	104.4045	366.3085	104.9731	102.674	0	44.18967	55.81033	55.81033	0	-9999	-9999
2003.02	2003.02	1358.52	105.1214	401.9385	105.4922	106.4811	0	45.81523	54.18477	54.18477	0	-9999	-9999
2003.025	2003.025	1358.525	105.9372	369.7462	106.7777	107.9273	0	49.19134	50.80866	50.80866	0	-9999	-9999
2003.03	2003.03	1358.53	107.1238	375.7049	107.5564	107.3834	0	47.46783	52.53217	52.53217	0	-9999	-9999
2003.035	2003.035	1358.535	108.7925	370.8768	109.5342	109.7937	0	53.12648	46.87352	46.87352	0	-9999	-9999
2003.04	2003.04	1358.54	107.8037	392.3588	108.4959	107.7913	0	52.31968	47.68032	47.68032	0	-9999	-9999
2003.045	2003.045	1358.545	108.2239	347.0114	108.9656	105.5787	0	50.50392	49.49608	49.49608	0	-9999	-9999
2003.05	2003.05	1358.55	107.5935	373.3978	107.7048	110.041	0	44.7834	55.2166	55.2166	0	-9999	-9999
2003.055	2003.055	1358.555	107.7048	299.3875	107.8778	108.0756	0	40.56482	59.43518	59.43518	0	-9999	-9999
2003.06	2003.06	1358.56	107.1115	310.9229	107.0867	103.3785	0	38.58494	61.41506	61.41506	0	-9999	-9999
2003.065	2003.065	1358.565	105.9619	274.4525	106.1597	103.428	0	36.74428	63.25572	63.25572	0	-9999	-9999
2003.07	2003.07	1358.57	103.3662	239.3266	103.2796	102.983	0	28.88392	71.11608	71.11608	0	-9999	-9999
2003.075	2003.075	1358.575	104.3797	250.9079	104.6888	105.3686	0	34.1162	65.8838	65.8838	0	-9999	-9999
2003.08	2003.08	1358.58	107.5935	261.2975	107.8037	106.7654	0	38.20928	61.79072	61.79072	0	-9999	-9999
2003.085	2003.085	1358.585	108.3228	313.4592	108.842	110.041	0	46.04154	53.95846	53.95846	0	-9999	-9999
2003.09	2003.09	1358.59	111.5366	314.819	111.5242	109.151	0	45.3368	54.6632	54.6632	0	-9999	-9999
2003.095	2003.095	1358.595	113.9593	280.0293	114.0335	110.9804	0	48.30689	51.69311	51.69311	0	-9999	-9999
2003.1	2003.1	1358.6	109.3611	313.3828	109.46	109.6825	0	43.14558	56.85442	56.85442	0	-9999	-9999
2003.105	2003.105	1358.605	112.0558	338.0275	112.3401	110.795	0	51.46495	48.53505	48.53505	0	-9999	-9999
2003.11	2003.11	1358.61	116.3326	359.8761	115.9247	111.7838	0	51.03971	48.96029	48.96029	0	-9999	-9999
2003.115	2003.115	1358.615	113.7368	373.7187	113.5885	116.3449	0	51.21041	48.78959	48.78959	0	-9999	-9999
2003.12	2003.12	1358.62	113.7863	409.7307	113.6008	110.659	0	53.22624	46.77376	46.77376	0	-9999	-9999
2003.125	2003.125	1358.625	115.6033	457.5074	115.5909	113.2424	0	62.2032	37.7968	37.7968	0	-9999	-9999
2003.13	2003.13	1358.63	113.7986	467.0261	114.2683	117.581	0	66.07518	33.92482	33.92482	0	-9999	-9999
2003.135	2003.135	1358.635	112.5625	445.9108	113.0693	109.4229	0	62.58483	37.41517	37.41517	0	-9999	-9999
2003.14	2003.14	1358.64	110.4859	526.9341	110.8073	107.9273	0	61.88285	38.11715	38.11715	0	-9999	-9999
2003.145	2003.145	1358.645	108.5082	495.2001	109.1263	109.1015	0	59.67584	40.32416	40.32416	0	-9999	-9999
2003.15	2003.15	1358.65	106.5305	463.6648	107.6059	103.9348	0	58.82786	41.17214	41.17214	0	-9999	-9999
2003.155	2003.155	1358.655	104.8247	347.5461	104.936	108.879	0	39.47286	60.52714	60.52714	0	-9999	-9999
2003.16	2003.16	1358.66	102.093	298.3179	102.5627	100.5108	0	35.83518	64.16482	64.16482	0	-9999	-9999
2003.165	2003.165	1358.665	103.3538	289.2271	103.5516	102.0065	0	34.53604	65.46396	65.46396	0	-9999	-9999
2003.17	2003.17	1358.67	101.784	283.3906	102.3773	105.245	0	35.40962	64.59038	64.59038	0	-9999	-9999
2003.175	2003.175	1358.675	102.2413	314.5134	102.8346	103.0571	0	38.07204	61.92796	61.92796	0	-9999	-9999
2003.18	2003.18	1358.68	102.0683	384.9638	102.5874	104.5528	0	42.03736	57.96264	57.96264	0	-9999	-9999
2003.185	2003.185	1358.685	99.89279	361.5568	100.5232	102.2661	0	38.75413	61.24587	61.24587	0	-9999	-9999
2003.19	2003.19	1358.69	99.9546	360.5178	100.3501	99.06462	0	37.11546	62.88454	62.88454	0	-9999	-9999
2003.195	2003.195	1358.695	100.0782	359.2038	100.3007	97.29704	0	35.9537	64.0463	64.0463	0	-9999	-9999
2003.2	2003.2	1358.7	98.94102	343.4667	99.55905	98.43423	0	36.41201	63.58799	63.58799	0	-9999	-9999
2003.205	2003.205	1358.705	97.9398	345.1779	98.31062	97.19815	0	33.93372	66.06628	66.06628	0	-9999	-9999
2003.21	2003.21	1358.71	97.27232	362.886	97.66786	97.09927	0	34.66716	65.33284	65.33284	0	-9999	-9999
2003.215	2003.215	1358.715	97.96452	411.335	98.08813	93.44049	0	36.88233	63.11767	63.11767	0	-9999	-9999
2003.22	2003.22	1358.72	101.8952	444.3066	103.5516	107.3463	0	54.82972	45.17028	45.17028	0	-9999	-9999
2003.225	2003.225	1358.725	104.1078	394.2686	103.8482	103.1313	0	38.69046	61.30954	61.30954	0	-9999	-9999
2003.23	2003.23	1358.73	101.784	474.1154	101.7469	100.5108	0	43.52258	56.47742	56.47742	0	-9999	-9999
2003.235	2003.235	1358.735	100.6468	494.1917	99.34892	97.17343	0	35.21752	64.78248	64.78248	0	-9999	-9999
2003.24	2003.24	1358.74	102.8346	450.8306	102.5504	102.538	0	41.07872	58.92128	58.92128	0	-9999	-9999
2003.245	2003.245	1358.745	102.5998	418.8216	102.983	98.18701	0	43.89165	56.10835	56.10835	0	-9999	-9999
2003.25	2003.25	1358.75	100.6839	383.0234	101.8458	98.33534	0	45.02336	54.97664	54.97664	0	-9999	-9999
2003.255	2003.255	1358.755	96.30818	461.4952	98.26118	98.5702	0	49.82513	50.17487	50.17487	0	-9999	-9999
2003.26	2003.26	1358.76	98.05104	418.7299	99.2624	99.85571	0	44.40657	55.59343	55.59343	0	-9999	-9999
2003.265	2003.265	1358.765	101.3143	336.301	102.6245	106.1844	0	43.88747	56.11253	56.11253	0	-9999	-9999
2003.27	2003.27	1358.77	100.8817	321.6486	101.5986	102.2784	0	37.8302	62.1698	62.1698	0	-9999	-9999
2003.275	2003.275	1358.775	102.7728	321.1291	103.428	105.7518	0	39.68662	60.31338	60.31338	0	-9999	-9999
2003.28	2003.28	1358.78	101.0794	331.3506	101.6851	102.1424	0	37.89802	62.10198	62.10198	0	-9999	-9999
2003.285	2003.285	1358.785	100.2265	346.4155	100.1771	100.449	0	33.35547	66.64453	66.64453	0	-9999	-9999
2003.29	2003.29	1358.79	101.2401	348.8295	101.0547	100.6839	0	33.473	66.527	66.527	0	-9999	-9999
2003.295	2003.295	1358.795	102.5751	284.7657	102.6492	103.2055	0	32.3918	67.6082	67.6082	0	-9999	-9999
2003.3	2003.3	1358.8	103.156	290.0216	103.3291	103.7864	0	34.16419	65.83581	65.83581	0	-9999	-9999
2003.305	2003.305	1358.805	102.7852	299.0513	102.7481	103.5639	0	32.7078	67.2922	67.2922	0	-9999	-9999
2003.31	2003.31	1358.81	99.62086	277.5235	100.0906	102.0436	0	31.67603	68.32397	68.32397	0	-9999	-9999
2003.315	2003.315	1358.815	93.34161	370.6171	93.42813	93.08203	0	30.41926	69.58074	69.58074	0	-9999	-9999
2003.32	2003.32	1358.82	96.97566	281.7863	97.00038	94.62712	0	26.73081	73.26919	73.26919	0	-9999	-9999
2003.325	2003.325	1358.825	98.86685	340.2582	98.92866	97.75439	0	32.47493	67.52507	67.52507	0	-9999	-9999
2003.33	2003.33	1358.83	95.71487	390.3572	95.99916	93.218	0	34.53787	65.46213	65.46213	0	-9999	-9999

2003.335	2003.335	1358.835	94.61476	279.0209	95.17099	94.40463	0	27.6015	72.3985	72.3985	0	-9999	-9999
2003.34	2003.34	1358.84	95.77667	244.0936	96.87678	98.33534	0	29.37346	70.62654	70.62654	0	-9999	-9999
2003.345	2003.345	1358.845	99.11407	192.543	99.78155	101.8705	0	26.74187	73.25813	73.25813	0	-9999	-9999
2003.35	2003.35	1358.85	98.22409	255.2165	98.48367	97.90272	0	27.42364	72.57636	72.57636	0	-9999	-9999
2003.355	2003.355	1358.855	97.6555	285.8352	97.96452	100.585	0	29.28421	70.71579	70.71579	0	-9999	-9999
2003.36	2003.36	1358.86	94.49115	277.9972	94.83725	93.218	0	26.31747	73.68253	73.68253	0	-9999	-9999
2003.365	2003.365	1358.865	94.67657	284.8726	95.17099	97.82855	0	27.71717	72.28283	72.28283	0	-9999	-9999
2003.37	2003.37	1358.87	93.972	281.1293	94.18214	95.28224	0	25.43557	74.56443	74.56443	0	-9999	-9999
2003.375	2003.375	1358.875	92.05609	273.7802	92.5258	94.83725	0	24.82766	75.17234	75.17234	0	-9999	-9999
2003.38	2003.38	1358.88	93.218	310.0826	93.76187	92.95842	0	28.50544	71.49456	71.49456	0	-9999	-9999
2003.385	2003.385	1358.885	92.99551	321.6181	93.47757	92.5876	0	28.80746	71.19254	71.19254	0	-9999	-9999
2003.39	2003.39	1358.89	93.37869	323.8029	94.03381	92.94606	0	30.11801	69.88199	69.88199	0	-9999	-9999
2003.395	2003.395	1358.895	93.40341	279.4181	93.65062	92.51344	0	25.0985	74.9015	74.9015	0	-9999	-9999
2003.4	2003.4	1358.9	93.60118	335.0939	94.50351	96.36999	0	32.33358	67.66642	67.66642	0	-9999	-9999
2003.405	2003.405	1358.905	94.02145	367.6683	94.68893	94.75073	0	33.67456	66.32544	66.32544	0	-9999	-9999
2003.41	2003.41	1358.91	93.41577	363.4361	93.65062	92.43927	0	30.7172	69.2828	69.2828	0	-9999	-9999
2003.415	2003.415	1358.915	92.13025	380.6094	92.22914	89.32437	0	30.36314	69.63686	69.63686	0	-9999	-9999
2003.42	2003.42	1358.92	90.99307	332.1757	91.74707	92.35275	0	29.29949	70.70051	70.70051	0	-9999	-9999
2003.425	2003.425	1358.925	88.54564	343.2834	89.20076	88.37259	0	27.94211	72.05789	72.05789	0	-9999	-9999
2003.43	2003.43	1358.93	87.69275	370.067	88.39731	90.77057	0	29.40519	70.59481	70.59481	0	-9999	-9999
2003.435	2003.435	1358.935	83.57663	416.8201	84.15758	83.81148	0	29.8672	70.1328	70.1328	0	-9999	-9999
2003.44	2003.44	1358.94	84.47896	406.6444	85.62851	88.7805	0	31.49094	68.50906	68.50906	0	-9999	-9999
2003.445	2003.445	1358.945	92.08081	361.0526	92.81009	92.15498	0	31.96261	68.03739	68.03739	0	-9999	-9999
2003.45	2003.45	1358.95	94.02145	305.774	94.6642	95.20808	0	29.36764	70.63236	70.63236	0	-9999	-9999
2003.455	2003.455	1358.955	91.52458	266.6298	91.78415	92.71121	0	23.01449	76.98551	76.98551	0	-9999	-9999
2003.46	2003.46	1358.96	87.19832	256.4541	88.39731	89.50978	0	23.29534	76.70466	76.70466	0	-9999	-9999
2003.465	2003.465	1358.965	94.24394	257.7681	94.20686	92.59996	0	22.78825	77.21175	77.21175	0	-9999	-9999
2003.47	2003.47	1358.97	107.1238	226.6911	107.5564	106.1597	0	37.4094	62.5906	62.5906	0	-9999	-9999
2003.475	2003.475	1358.975	114.2807	275.5526	113.366	113.1682	0	35.13842	64.86158	64.86158	0	-9999	-9999
2003.48	2003.48	1358.98	107.7048	180.2283	107.8778	107.4946	0	32.52158	67.47842	67.47842	0	-9999	-9999
2003.485	2003.485	1358.985	100.5726	123.5441	100.4614	100.6097	18.43766	18.19387	63.36847	38.88953	24.47894	28.19057	-9999
2003.49	2003.49	1358.99	96.97566	98.19664	97.21051	97.58134	25.19869	15.57709	59.22422	41.54952	17.6747	28.16218	-9999
2003.495	2003.495	1358.995	96.23402	151.5348	96.46887	97.01274	12.97316	18.56043	68.46641	58.7697	9.696711	28.31105	-9999
2003.5	2003.5	1359	93.71243	199.5102	94.14505	96.19694	2.150261	20.86456	76.98518	76.98518	0	-9999	-9999
2003.505	2003.505	1359.005	93.94728	229.4871	95.28224	96.30818	0	27.81718	72.18282	72.18282	0	-9999	-9999
2003.51	2003.51	1359.01	93.04495	172.1764	93.53938	92.78537	8.900123	18.81846	72.28142	65.32471	6.956707	28.80666	-9999
2003.515	2003.515	1359.015	80.42464	120.1981	79.31218	78.75594	45.54301	4.147308	50.30969	21.44716	28.86253	28.42155	-9999
2003.52	2003.52	1359.02	80.54825	98.13553	81.84613	82.94623	32.08827	8.924039	58.98769	35.35537	23.63232	27.8888	-9999
2003.525	2003.525	1359.025	82.35292	85.36248	83.09456	84.1823	37.82986	7.38442	54.78572	21.90339	32.88233	28.29777	-9999
2003.53	2003.53	1359.03	78.95371	107.7306	79.53467	81.36406	36.78938	6.995244	56.21537	37.48455	18.73083	27.61046	2
2003.535	2003.535	1359.035	68.32349	139.0215	69.49776	72.42725	34.3986	6.789691	58.81171	32.45591	26.3558	26.23211	2
2003.54	2003.54	1359.04	69.74497	181.7868	72.27892	68.55834	12.20412	12.31371	75.48218	52.7021	22.78007	28.34306	2
2003.545	2003.545	1359.045	73.15653	174.7127	74.88703	76.20963	17.00412	11.74113	71.25474	49.71048	21.54426	27.02333	2
2003.55	2003.55	1359.05	79.44814	183.3299	81.67308	84.38008	5.298643	16.59172	78.10963	71.47055	6.639082	-9999	2
2003.555	2003.555	1359.055	81.99445	91.61149	82.72374	82.43944	36.74318	7.599794	55.65703	24.8376	30.81943	28.392	2
2003.56	2003.56	1359.06	85.7892	111.26	84.59021	81.50003	43.4412	4.51164	52.04716	23.75459	28.29257	29.22847	2
2003.565	2003.565	1359.065	84.19466	92.32959	83.95981	82.94623	42.01726	5.725903	52.25683	32.25409	20.00274	28.91404	2
2003.57	2003.57	1359.07	87.47026	90.84755	88.18718	90.15254	31.98611	10.46704	57.54686	32.8277	24.71916	27.97555	2
2003.575	2003.575	1359.075	86.7657	108.1584	87.71747	90.7953	26.62496	12.0692	61.30584	28.4645	32.84134	27.52152	2
2003.58	2003.58	1359.08	76.2838	79.96907	76.37032	76.18491	49.79582	3.109851	47.09433	32.7946	14.29973	29.30984	2
2003.585	2003.585	1359.085	75.50507	69.99204	75.67812	78.37276	52.25612	2.392593	45.35128	24.05164	21.29965	29.23411	2
2003.59	2003.59	1359.09	76.24671	78.31896	76.32088	75.14661	50.32506	2.962109	46.71283	24.85502	21.85782	29.58377	2
2003.595	2003.595	1359.095	79.17621	107.5931	79.06496	76.45685	41.98252	5.387921	52.62956	26.48964	26.13991	28.6858	2
2003.6	2003.6	1359.1	78.68178	83.80404	78.58289	78.02666	48.09855	3.661437	48.24001	21.2975	26.94251	29.24807	2
2003.605	2003.605	1359.105	86.83986	87.48622	86.93875	87.32193	38.1693	7.632034	54.19867	30.06045	24.13822	28.56548	2
2003.61	2003.61	1359.11	91.01779	89.83915	91.59874	91.82124	30.02016	12.18231	57.79753	23.71491	34.08262	28.30673	2
2003.615	2003.615	1359.115	85.83864	91.15313	87.03763	88.558	29.67721	11.21839	59.1044	29.35287	29.75153	27.99498	2
2003.62	2003.62	1359.12	85.56671	66.46264	85.66559	86.53084	44.42831	5.613057	49.95864	28.34254	21.6161	29.22221	2
2003.625	2003.625	1359.125	88.47148	68.03635	89.38617	92.06845	35.05256	10.34904	54.5984	31.40177	23.19663	28.22373	2
2003.63	2003.63	1359.13	88.64453	86.11114	89.00299	89.20076	34.83006	9.471468	55.69847	40.11131	15.58716	28.48503	2
2003.635	2003.635	1359.135	87.85344	108.4793	88.65689	89.70755	26.69614	12.22934	61.07452	36.44087	24.63365	27.90615	2
2003.64	2003.64	1359.14	89.27493	86.89035	89.96713	91.25264	31.47505	11.26266	57.26229	41.06801	16.19429	28.1565	2
2003.645	2003.645	1359.145	85.59143	105.2554	85.96225	87.06235	32.9102	9.154821	57.93498	24.39066	33.54432	27.92844	2
2003.65	2003.65	1359.15	89.80644	70.84765	89.90532	89.73227	39.46658	8.064174	52.46924	18.05319	34.41606	29.04951	2
2003.655	2003.655	1359.155	87.5197	114.2088	88.2119	90.15254	26.47879	11.98099	61.54022	45.91346	15.62677	27.6739	2
2003.66	2003.66	1359.16	81.7596	77.15778	82.41472	82.46416	41.03181	6.304145	52.66404	24.62845	28.03559	28.78534	2
2003.665	2003.665	1359.165	79.01552	76.54663	79.95493	82.62485	41.50097	5.802547	52.69648	22.86435	29.83214	28.24834	2
2003.67	2003.67	1359.17	80.42464	62.76518	80.80782	79.85605	47.85049	4.030903	48.11861	18.83205	29.28655	29.7654	2
2003.675	2003.675	1359.175	81.4753	122.7955	83.144	84.76326	22.3938	12.15473	65.45147	49.80692	15.64455	27.66743	2
2003.68	2003.68	1359.18	82.94623	111.3211	85.07228	85.41838	20.27291	13.74604	65.98105	34.52805	31.453	28.21732	2
2003.685	2003.685	1359.185	86.62973	118.5938	88.63217	91.59874	16.08205	16.63657	67.28138	41.13283	26.14855	27.91912	2
2003.69	2003.69	1359.19	81.57419	145.2094	81.52475	82.01918	30.19425	8.874189	60.93156	37.41941	23.51215	27.23973	2
2003.695	2003.695	1359.195	84.56549	229.594	88.558	94.46643	0	29.78041	70.21959	70.21959	0	-9999	2

2003.7	2003.7	1359.2	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2004.015	2004.016	1359.516	134.4781	441.2967	135.1332	133.687	0	100	0	0	0	-9999	10
2004.02	2004.021	1359.521	138.8415	457.3699	139.1505	138.1987	0	100	0	0	0	-9999	10
2004.025	2004.026	1359.526	144.9847	438.1034	145.9242	144.0206	0	100	0	0	0	-9999	10
2004.03	2004.031	1359.531	149.3975	391.4573	150.2628	143.143	0	100	0	0	0	-9999	10
2004.035	2004.037	1359.537	150.1268	362.3513	151.9191	151.7213	0	100	0	0	0	-9999	10
2004.04	2004.042	1359.542	151.1404	367.8211	152.0427	152.599	0	100	0	0	0	-9999	10
2004.045	2004.047	1359.547	153.5384	282.9169	155.0587	157.2219	0	100	0	0	0	-9999	10
2004.05	2004.052	1359.552	153.526	309.12	154.9599	154.0575	0	100	0	0	0	-9999	10
2004.055	2004.057	1359.557	153.4395	262.2142	154.4901	157.2342	0	100	0	0	0	-9999	10
2004.06	2004.063	1359.563	150.4729	304.7197	151.3505	146.4804	0	100	0	0	0	-9999	10
2004.065	2004.068	1359.568	149.9785	337.7219	151.0786	156.1836	0	100	0	0	0	-9999	10
2004.07	2004.073	1359.573	150.201	402.0608	151.3752	153.9339	0	100	0	0	0	-9999	10
2004.075	2004.078	1359.578	145.2072	454.7114	146.1467	149.0638	0	100	0	0	0	-9999	10
2004.08	2004.083	1359.583	145.1949	471.0902	146.8141	150.5842	0	100	0	0	0	-9999	10
2004.085	2004.089	1359.589	146.3073	385.4222	146.7523	148.1367	0	100	0	0	0	-9999	10
2004.09	2004.094	1359.594	146.5051	373.902	147.2468	148.8784	0	100	0	0	0	-9999	10
2004.095	2004.099	1359.599	145.9983	355.9647	146.6905	148.0626	0	100	0	0	0	-9999	10
2004.1	2004.104	1359.604	145.6522	367.3016	146.4309	147.5063	0	100	0	0	0	-9999	10
2004.105	2004.11	1359.61	145.2072	340.1818	146.0972	145.1949	0	100	0	0	0	-9999	10
2004.11	2004.115	1359.615	145.3061	355.9189	146.1096	147.7288	0	100	0	0	0	-9999	10
2004.115	2004.12	1359.62	143.2295	369.6392	144.1319	145.9118	0	100	0	0	0	-9999	10
2004.12	2004.125	1359.625	141.5608	373.0464	142.4755	145.5904	0	100	0	0	0	-9999	10
2004.125	2004.13	1359.63	141.9811	401.8774	143.1554	144.3791	0	100	0	0	0	-9999	10
2004.13	2004.136	1359.636	140.9922	385.3458	142.2159	147.2962	0	100	0	0	0	-9999	10
2004.135	2004.141	1359.641	142.2901	350.2505	142.834	145.4297	0	100	0	0	0	-9999	10
2004.14	2004.146	1359.646	143.6251	332.1299	144.033	146.9501	0	100	0	0	0	-9999	10
2004.145	2004.151	1359.651	139.8427	378.0884	140.609	141.6721	0	100	0	0	0	-9999	10
2004.15	2004.157	1359.657	142.1294	333.9327	142.8463	145.541	0	100	0	0	0	-9999	10
2004.155	2004.162	1359.662	143.4767	323.3446	144.6139	144.7004	0	100	0	0	0	-9999	10
2004.16	2004.167	1359.667	143.1306	368.9058	144.2431	141.6473	0	100	0	0	0	-9999	10
2004.165	2004.172	1359.672	143.2542	327.0879	144.3791	143.7981	0	100	0	0	0	-9999	10
2004.17	2004.177	1359.677	141.4125	400.3954	142.6856	146.0107	0	100	0	0	0	-9999	10
2004.175	2004.183	1359.683	141.2147	393.3213	141.8698	142.5373	0	100	0	0	0	-9999	10
2004.18	2004.188	1359.688	144.7375	381.9081	146.1714	147.803	0	100	0	0	0	-9999	10
2004.185	2004.193	1359.693	146.9254	346.6294	148.8413	153.6002	0	100	0	0	0	-9999	10
2004.19	2004.198	1359.698	145.6893	354.6966	147.358	152.6731	0	100	0	0	0	-9999	10
2004.195	2004.204	1359.704	145.1825	330.8923	147.049	150.3987	0	100	0	0	0	-9999	10
2004.2	2004.209	1359.709	145.5163	299.4027	146.9007	150.6336	0	100	0	0	0	-9999	10
2004.205	2004.214	1359.714	147.6176	309.0284	149.4593	156.8387	0	100	0	0	0	-9999	10
2004.21	2004.219	1359.719	147.4322	332.7563	148.9525	153.353	0	100	0	0	0	-9999	10
2004.215	2004.224	1359.724	148.0255	318.0734	149.4346	148.6064	0	100	0	0	0	-9999	10
2004.22	2004.23	1359.73	148.9896	304.6892	150.5594	153.081	0	100	0	0	0	-9999	10
2004.225	2004.235	1359.735	148.9649	294.5594	150.4358	154.3171	0	100	0	0	0	-9999	10
2004.23	2004.24	1359.74	149.9908	289.5327	151.7831	153.2293	0	100	0	0	0	-9999	10
2004.235	2004.245	1359.745	147.9266	263.9407	149.1009	151.6348	0	100	0	0	0	-9999	10
2004.24	2004.25	1359.75	149.3852	236.7751	150.1268	151.128	0	100	0	0	0	-9999	10
2004.245	2004.256	1359.756	146.3691	254.5137	147.185	147.8524	0	100	0	0	0	-9999	10
2004.25	2004.261	1359.761	146.2332	301.8015	147.2838	148.4334	0	100	0	0	0	-9999	10
2004.255	2004.266	1359.766	146.5175	263.5893	148.3839	152.3394	0	100	0	0	0	-9999	10
2004.26	2004.271	1359.771	146.1219	161.6799	146.8141	148.2109	0	100	0	0	0	-9999	10
2004.265	2004.277	1359.777	146.8512	121.069	147.6423	148.4087	0	100	0	0	0	-9999	10
2004.27	2004.282	1359.782	146.74	144.2621	147.4322	147.4198	0	100	0	0	0	-9999	10
2004.275	2004.287	1359.787	144.0453	236.0875	145.405	147.9266	0	100	0	0	0	-9999	10
2004.28	2004.292	1359.792	145.9983	195.6752	146.5916	148.4334	0	100	0	0	0	-9999	10
2004.285	2004.297	1359.797	139.4348	216.7904	139.8303	139.0145	0	100	0	0	0	-9999	10
2004.29	2004.303	1359.803	137.4447	165.026	138.0627	139.9539	0	100	0	0	0	-9999	10
2004.295	2004.308	1359.808	136.53	138.8229	136.9503	138.5695	0	100	0	0	0	-9999	10
2004.3	2004.313	1359.813	138.6808	237.4168	140.2506	143.8723	0	100	0	0	0	-9999	10
2004.305	2004.318	1359.818	143.316	254.804	144.9477	148.7177	0	100	0	0	0	-9999	10
2004.31	2004.324	1359.824	142.3643	330.4645	144.4038	145.5904	0	100	0	0	0	-9999	10
2004.315	2004.329	1359.829	139.0516	411.0447	141.5361	145.6522	0	100	0	0	0	-9999	10
2004.32	2004.334	1359.834	138.4583	401.6941	140.9675	146.3691	0	100	0	0	0	-9999	10
2004.325	2004.339	1359.839	140.5596	398.8522	142.4632	144.4532	0	100	0	0	0	-9999	10
2004.33	2004.344	1359.844	139.9168	363.818	142.0552	145.8624	0	100	0	0	0	-9999	10
2004.335	2004.35	1359.85	137.2222	332.8174	139.0887	143.316	0	100	0	0	0	-9999	10
2004.34	2004.355	1359.855	140.9922	266.4006	142.3519	142.0058	0	100	0	0	0	-9999	10
2004.345	2004.36	1359.86	142.8216	301.0834	144.4532	146.4309	0	100	0	0	0	-9999	10
2004.35	2004.365	1359.865	140.6338	275.7054	143.0688	144.2184	0	100	0	0	0	-9999	10
2004.355	2004.37	1359.87	142.7227	283.6198	144.7128	148.0873	0	100	0	0	0	-9999	10
2004.36	2004.376	1359.876	140.0157	341.6791	141.9934	142.7474	0	100	0	0	0	-9999	10
2004.365	2004.381	1359.881	139.7314	351.3811	141.4867	142.5868	0	100	0	0	0	-9999	10
2004.37	2004.386	1359.886	138.8538	366.9196	140.6214	143.0441	0	100	0	0	0	-9999	10

2004.375	2004.391	1359.891	137.0244	412.8476	138.3594	138.1987	0	100	0	0	0	-9999	10
2004.38	2004.397	1359.897	140.6832	361.2359	142.4013	143.9217	0	100	0	0	0	-9999	10
2004.385	2004.402	1359.902	140.127	344.3529	141.6721	142.6115	0	100	0	0	0	-9999	10
2004.39	2004.407	1359.907	137.1233	360.5331	138.5324	141.054	0	100	0	0	0	-9999	10
2004.395	2004.412	1359.912	139.5584	338.1039	140.8563	144.2925	0	100	0	0	0	-9999	10
2004.4	2004.417	1359.917	138.4954	331.5645	140.2259	142.6856	0	100	0	0	0	-9999	10
2004.405	2004.423	1359.923	138.0627	323.4515	139.8303	143.5509	0	100	0	0	0	-9999	10
2004.41	2004.428	1359.928	137.8402	297.9818	139.1381	141.9564	0	100	0	0	0	-9999	10
2004.415	2004.433	1359.933	137.9268	334.9259	139.5213	139.2741	0	100	0	0	0	-9999	10
2004.42	2004.438	1359.938	136.3446	326.6448	137.8279	140.6708	0	100	0	0	0	-9999	10
2004.425	2004.444	1359.944	131.9689	440.6397	134.7748	140.1888	0	100	0	0	0	-9999	10
2004.43	2004.449	1359.949	129.8181	405.7888	131.4868	132.1419	0	100	0	0	0	-9999	10
2004.435	2004.454	1359.954	129.7192	442.4731	131.5363	132.9701	0	100	0	0	0	-9999	10
2004.44	2004.459	1359.959	128.7427	426.0026	131.0418	133.65	0	100	0	0	0	-9999	10
2004.445	2004.464	1359.964	128.9652	254.0248	130.053	130.8317	0	100	0	0	0	-9999	10
2004.45	2004.47	1359.97	127.6921	291.8703	129.3979	130.8688	0	100	0	0	0	-9999	10
2004.455	2004.475	1359.975	131.0418	292.9093	132.76	133.8354	0	100	0	0	0	-9999	10
2004.46	2004.48	1359.98	133.6623	287.302	135.022	139.6573	0	100	0	0	0	-9999	10
2004.465	2004.485	1359.985	132.7476	343.0389	134.0702	137.284	0	100	0	0	0	-9999	10
2004.47	2004.49	1359.99	132.5375	374.6659	133.959	134.6635	0	100	0	0	0	-9999	10
2004.475	2004.496	1359.996	132.624	287.577	133.6747	133.9342	0	100	0	0	0	-9999	10
2004.48	2004.501	1360.001	130.7205	332.4354	132.3644	135.9243	0	100	0	0	0	-9999	10
2004.485	2004.506	1360.006	128.3596	413.2143	129.781	130.807	0	100	0	0	0	-9999	10
2004.49	2004.511	1360.011	130.9924	382.3512	132.6611	135.5659	0	100	0	0	0	-9999	10
2004.495	2004.517	1360.017	130.9677	378.6995	132.6487	133.8477	0	100	0	0	0	-9999	10
2004.5	2004.522	1360.022	129.9912	333.5508	131.4868	131.6104	0	100	0	0	0	-9999	10
2004.505	2004.527	1360.027	128.7675	374.5896	130.8317	132.0801	0	100	0	0	0	-9999	10
2004.51	2004.532	1360.032	126.0357	402.5039	128.7304	129.4349	0	100	0	0	0	-9999	10
2004.515	2004.537	1360.037	124.2311	362.8707	125.6896	127.1482	0	100	0	0	0	-9999	10
2004.52	2004.543	1360.043	123.4153	401.8622	124.4536	124.7997	0	100	0	0	0	-9999	10
2004.525	2004.548	1360.048	121.5612	488.065	124.3052	125.1087	0	100	0	0	0	-9999	10
2004.53	2004.553	1360.053	122.9703	423.8636	125.1828	128.2854	0	100	0	0	0	-9999	10
2004.535	2004.558	1360.058	125.7885	345.4529	127.2965	130.6587	0	100	0	0	0	-9999	10
2004.54	2004.564	1360.064	124.5648	371.6255	126.3077	130.2507	0	100	0	0	0	-9999	10
2004.545	2004.569	1360.069	125.7514	354.1007	127.7539	129.8676	0	100	0	0	0	-9999	10
2004.55	2004.574	1360.074	126.3818	312.2827	128.0382	126.6538	0	100	0	0	0	-9999	10
2004.555	2004.579	1360.079	121.2274	470.0055	124.8738	129.0888	0	100	0	0	0	-9999	10
2004.56	2004.584	1360.084	125.1087	414.9255	127.5685	131.5115	0	100	0	0	0	-9999	10
2004.565	2004.59	1360.09	122.8467	405.8346	125.702	129.917	0	100	0	0	0	-9999	10
2004.57	2004.595	1360.095	122.4511	410.0057	125.084	130.8317	0	100	0	0	0	-9999	10
2004.575	2004.6	1360.1	121.3387	402.0455	123.7984	130.9059	0	100	0	0	0	-9999	10
2004.58	2004.605	1360.105	124.2558	375.1854	126.8392	127.8775	0	100	0	0	0	-9999	10
2004.585	2004.611	1360.111	124.9109	324.9488	127.0988	131.9318	0	100	0	0	0	-9999	10
2004.59	2004.616	1360.116	124.7997	376.4536	127.9393	131.8824	0	100	0	0	0	-9999	10
2004.595	2004.621	1360.121	127.4325	322.8251	129.3361	128.8045	0	100	0	0	0	-9999	10
2004.6	2004.626	1360.126	129.163	337.7372	131.3385	140.1146	0	100	0	0	0	-9999	10
2004.605	2004.631	1360.131	128.0753	327.5309	130.1642	133.3286	0	100	0	0	0	-9999	10
2004.61	2004.637	1360.137	128.4337	323.2987	130.3373	131.2767	0	100	0	0	0	-9999	10
2004.615	2004.642	1360.142	129.3979	335.7509	131.3509	134.9107	0	100	0	0	0	-9999	10
2004.62	2004.647	1360.147	124.7749	412.3128	127.2718	131.3632	0	100	0	0	0	-9999	10
2004.625	2004.652	1360.152	124.3052	394.895	126.592	129.2248	0	100	0	0	0	-9999	10
2004.63	2004.657	1360.157	123.4153	414.4671	126.011	130.3744	0	100	0	0	0	-9999	10
2004.635	2004.663	1360.163	123.3287	379.5704	124.4288	124.0209	0	100	0	0	0	-9999	10
2004.64	2004.668	1360.168	125.3065	394.0853	127.5808	133.9095	0	100	0	0	0	-9999	10
2004.645	2004.673	1360.173	128.5079	287.0422	129.4844	130.9059	0	100	0	0	0	-9999	10
2004.65	2004.678	1360.178	127.2718	320.3346	128.854	131.4621	0	100	0	0	0	-9999	10
2004.655	2004.684	1360.184	125.529	354.0549	127.791	129.744	0	100	0	0	0	-9999	10
2004.66	2004.689	1360.189	126.2953	343.9709	128.409	130.0406	0	100	0	0	0	-9999	10
2004.665	2004.694	1360.194	127.8775	299.2194	129.744	133.1432	0	100	0	0	0	-9999	10
2004.67	2004.699	1360.199	130.0777	252.7108	131.2891	132.451	0	100	0	0	0	-9999	10
2004.675	2004.704	1360.204	129.8305	248.3105	130.7205	130.9306	0	100	0	0	0	-9999	10
2004.68	2004.71	1360.21	128.1989	259.8307	128.7798	126.8639	0	100	0	0	0	-9999	10
2004.685	2004.715	1360.215	130.671	283.8337	131.3632	132.9825	0	100	0	0	0	-9999	10
2004.69	2004.72	1360.22	129.6698	313.5509	130.8193	132.3644	0	100	0	0	0	-9999	10
2004.695	2004.725	1360.225	131.5733	270.4953	132.3397	131.9071	0	100	0	0	0	-9999	10
2004.7	2004.731	1360.231	130.5227	279.7848	130.6834	127.3954	0	99.23747	0.76253	0.76253	0	-9999	10
2004.705	2004.736	1360.236	124.9604	407.8361	124.9727	119.6205	0	82.89477	17.10523	17.10523	0	-9999	10
2004.71	2004.741	1360.241	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2006.24	2006.338	1361.838	123.7614	161.4507	124.7008	126.0481	0	83.7961	16.2039	16.2039	0	-9999	-9999
2006.245	2006.343	1361.843	121.9196	147.5623	123.5018	127.791	0	89.69593	10.30407	10.30407	0	-9999	-9999
2006.25	2006.348	1361.848	122.7972	206.08	121.9073	120.3622	0	43.97877	56.02123	56.02123	0	-9999	-9999
2006.255	2006.353	1361.853	126.2706	308.9672	123.0074	122.9085	0	3.912304	96.0877	96.0877	0	-9999	-9999
2006.26	2006.359	1361.859	139.3112	360.472	139.5831	150.4482	0	100	0	0	0	-9999	-9999

2006.265	2006.364	1361.864	139.3112	415.3839	138.5077	155.4419	0	100	0	0	0	-9999	-9999
2006.27	2006.369	1361.869	139.9416	283.6503	141.8575	146.5916	0	100	0	0	0	-9999	-9999
2006.275	2006.374	1361.874	147.5929	191.8097	149.1009	150.4976	0	100	0	0	0	-9999	-9999
2006.28	2006.379	1361.879	144.6881	132.2683	145.986	148.0008	0	100	0	0	0	-9999	-9999
2006.285	2006.385	1361.885	140.127	91.79484	141.3507	143.3902	0	100	0	0	0	-9999	-9999
2006.29	2006.39	1361.89	138.5819	90.86283	138.7426	139.3977	0	100	0	0	0	-9999	-9999
2006.295	2006.395	1361.895	146.5422	172.7112	147.8401	147.0243	0	100	0	0	0	-9999	-9999
2006.3	2006.4	1361.9	131.8576	414.2532	133.1802	124.9233	0	100	0	0	0	-9999	-9999
2006.305	2006.405	1361.905	137.7537	219.9837	137.9144	139.0763	0	100	0	0	0	-9999	-9999
2006.31	2006.411	1361.911	144.9724	351.0144	144.1195	141.9934	0	100	0	0	0	-9999	-9999
2006.315	2006.416	1361.916	138.8291	333.0313	137.8402	131.9689	0	94.85841	5.141587	5.141587	0	-9999	-9999
2006.32	2006.421	1361.921	135.3681	352.6187	137.2964	140.2629	0	100	0	0	0	-9999	-9999
2006.325	2006.426	1361.926	134.7501	387.5765	137.5559	144.7746	0	100	0	0	0	-9999	-9999
2006.33	2006.432	1361.932	132.5498	225.591	133.6129	137.5807	0	100	0	0	0	-9999	-9999
2006.335	2006.437	1361.937	134.1691	191.1221	135.8625	140.5349	0	100	0	0	0	-9999	-9999
2006.34	2006.442	1361.942	136.1468	206.462	136.4311	136.9503	0	100	0	0	0	-9999	-9999
2006.345	2006.447	1361.947	136.8019	244.7506	139.855	142.6856	0	100	0	0	0	-9999	-9999
2006.35	2006.452	1361.952	131.1654	355.8119	136.0974	136.3817	0	100	0	0	0	-9999	-9999
2006.355	2006.458	1361.958	127.0988	492.725	131.6352	141.9193	0	100	0	0	0	-9999	-9999
2006.36	2006.463	1361.963	124.4041	375.2771	124.9604	124.3918	0	91.69103	8.308968	8.308968	0	-9999	-9999
2006.365	2006.468	1361.968	121.8207	323.3293	122.7354	123.6625	0	86.71683	13.28317	13.28317	0	-9999	-9999
2006.37	2006.473	1361.973	122.1668	255.5985	122.5253	124.1322	0	71.56718	28.43282	28.43282	0	-9999	-9999
2006.375	2006.479	1361.979	123.2669	253.1845	122.0309	124.0086	0	40.90738	59.09262	59.09262	0	-9999	-9999
2006.38	2006.484	1361.984	123.9468	299.7847	124.0951	122.4264	0	75.54939	24.45061	24.45061	0	-9999	-9999
2006.385	2006.489	1361.989	119.1014	424.1844	118.6935	115.6651	0	60.53995	39.46005	39.46005	0	-9999	-9999
2006.39	2006.494	1361.994	109.6949	482.8549	112.748	97.00038	0	90.47838	9.521624	9.521624	0	-9999	-9999
2006.395	2006.499	1361.999	116.0977	186.1412	115.0347	109.6578	0	29.28615	70.71385	70.71385	0	-9999	-9999
2006.4	2006.505	1362.005	101.1536	129.2125	100.14	99.83099	23.52451	12.77094	63.70455	37.34063	26.36392	28.39128	-9999
2006.405	2006.51	1362.01	95.48001	89.33496	94.45407	92.73593	38.49037	7.03935	54.47028	19.48573	34.98455	29.33402	-9999
2006.41	2006.515	1362.015	98.50839	123.0094	96.53067	94.23158	34.93132	5.202346	59.86633	32.18502	27.68131	29.24914	-9999
2006.415	2006.52	1362.02	106.8024	223.9562	103.4898	99.97932	13.2176	3.336922	83.44548	65.87067	17.57481	30.27046	-9999
2006.42	2006.526	1362.026	112.7109	237.264	111.0916	107.4576	0	22.19549	77.80451	77.80451	0	-9999	-9999
2006.425	2006.531	1362.031	118.953	244.2922	120.424	122.4017	0	82.02066	17.97934	17.97934	0	-9999	-9999
2006.43	2006.536	1362.036	122.3275	239.7697	122.5006	123.1557	0	67.09275	32.90725	32.90725	0	-9999	-9999
2006.435	2006.541	1362.041	113.984	193.8417	112.7603	107.3216	0	25.24637	74.75363	74.75363	0	-9999	-9999
2006.44	2006.546	1362.046	111.8209	188.2191	110.2387	104.2932	3.837586	18.6889	77.47352	70.94684	6.526678	-9999	-9999
2006.445	2006.552	1362.052	110.8444	213.3069	107.7171	99.92988	10.63919	3.620672	85.74014	59.91552	25.82462	31.67522	-9999
2006.45	2006.557	1362.057	107.1238	166.9969	105.9619	104.046	10.03762	18.14627	71.81612	55.34306	16.47306	29.22852	-9999
2006.455	2006.562	1362.062	102.0806	136.638	101.0547	99.65794	20.97045	13.75503	65.27452	49.45023	15.8243	28.60545	-9999
2006.46	2006.567	1362.067	107.2845	175.9045	105.4551	103.4403	12.90713	12.7939	74.29897	50.46947	23.8295	29.40823	-9999
2006.465	2006.572	1362.072	106.9631	191.3666	106.3822	107.0126	0	25.03907	74.96093	74.96093	0	-9999	-9999
2006.47	2006.578	1362.078	106.3945	132.1613	105.7271	104.491	15.30695	19.69216	65.00089	53.43527	11.56562	28.54352	10
2006.475	2006.583	1362.083	111.2276	248.9828	110.4118	112.2659	0	31.00185	68.99815	68.99815	0	-9999	10
2006.48	2006.588	1362.088	107.7789	195.8432	107.0497	104.9607	0	24.7362	75.2638	75.2638	0	-9999	10
2006.485	2006.593	1362.093	106.9508	212.711	105.8877	103.3909	0	22.0058	77.9942	77.9942	0	-9999	10
2006.49	2006.599	1362.099	106.6541	143.9413	106.0361	104.8494	11.83421	21.18743	66.97836	55.36776	11.6106	28.68	10
2006.495	2006.604	1362.104	107.0991	167.3025	106.135	103.5145	8.453683	19.97041	71.57591	59.45561	12.1203	29.37993	10
2006.5	2006.609	1362.109	104.7753	207.8829	103.5516	98.81741	2.782846	18.75451	78.46265	78.46265	0	-9999	10
2006.505	2006.614	1362.114	103.8482	140.0452	102.8841	98.89157	18.04076	15.62857	66.33067	45.02864	21.30203	29.13396	10
2006.51	2006.619	1362.119	101.3884	149.5944	100.3625	99.59614	18.47182	14.20327	67.3249	47.57288	19.75202	28.49521	10
2006.515	2006.625	1362.125	100.14	126.661	100.0535	99.6703	17.8898	18.19094	63.91926	49.6811	14.23816	28.27398	10
2006.52	2006.63	1362.13	94.46643	88.38767	93.47757	91.37625	39.36472	6.71235	53.92293	20.94804	32.97489	29.43704	10
2006.525	2006.635	1362.135	98.6938	102.7039	97.92744	97.33412	30.28669	11.09615	58.61716	25.99666	32.6205	28.58883	10
2006.53	2006.64	1362.14	107.334	209.7469	105.2944	105.0225	6.300292	13.22523	80.47448	79.49572	0.978755	-9999	10
2006.535	2006.646	1362.146	108.3599	158.0436	107.3216	105.0472	10.10919	19.70071	70.1901	55.12179	15.06831	29.18521	10
2006.54	2006.651	1362.151	109.6825	154.6517	107.6553	104.6888	17.37689	10.51032	72.1128	55.44037	16.67243	29.59929	10
2006.545	2006.656	1362.156	103.4898	122.1843	102.5009	99.84335	22.88447	13.9802	63.13534	46.98018	16.15515	28.86344	10
2006.55	2006.661	1362.161	105.1461	101.4052	104.3674	103.5021	24.76066	15.53481	59.70454	26.49589	33.20864	28.48281	10
2006.555	2006.666	1362.166	103.0324	140.5035	102.3649	102.3279	16.38128	17.35068	66.26804	55.13448	11.13356	28.35728	10
2006.56	2006.672	1362.172	98.61964	146.722	97.50717	96.14749	22.38482	11.92283	65.69235	46.50753	19.18482	28.46155	10
2006.565	2006.677	1362.177	94.3181	125.8054	92.85954	88.61981	34.08633	6.907891	59.00578	39.59891	19.40687	29.17194	10
2006.57	2006.682	1362.182	95.39349	103.2997	95.49237	96.5554	26.47309	13.89057	59.63635	38.20288	21.43347	28.01661	10
2006.575	2006.687	1362.187	98.49603	145.1177	99.21295	94.72601	8.70901	23.20239	68.0886	60.80109	7.287502	29.47455	10
2006.58	2006.692	1362.192	103.0324	108.2195	102.8223	102.8346	20.64958	18.71849	60.63193	40.7628	19.86912	28.12569	10
2006.585	2006.698	1362.198	102.6122	149.4416	101.3637	102.4885	19.10731	13.32511	67.56758	48.82288	18.7447	28.22032	10
2006.59	2006.703	1362.203	112.9828	179.8311	112.9457	113.7492	0	38.30934	61.69066	61.69066	0	-9999	10
2006.595	2006.708	1362.208	118.9283	169.5332	118.6317	113.1682	0	44.92561	55.07439	55.07439	0	-9999	10
2006.6	2006.713	1362.213	121.5364	181.0687	122.1668	121.4499	0	70.17669	29.82331	29.82331	0	-9999	10
2006.605	2006.719	1362.219	124.8986	181.1604	125.4177	127.2965	0	79.54821	20.45179	20.45179	0	-9999	10
2006.61	2006.724	1362.224	131.9442	133.017	132.9083	133.0937	0	100	0	0	0	-9999	3
2006.615	2006.729	1362.229	118.1867	159.6478	118.6564	118.7429	0	55.7663	44.2337	44.2337	0	-9999	3
2006.62	2006.734	1362.234	105.8877	229.9302	106.3451	105.5293	0	36.05475	63.94525	63.94525	0	-9999	3
2006.625	2006.739	1362.239	106.1844	229.4413	105.7641	105.3439	0	28.29514	71.70486	71.70486	0	-9999	3

2006.63	2006.745	1362.245	111.9321	211.8096	111.5119	111.1658	0	34.03277	65.96723	65.96723	0	-9999	3
2006.635	2006.75	1362.25	101.4255	390.4642	99.86807	95.02267	0	26.83929	73.16071	73.16071	0	-9999	3
2006.64	2006.755	1362.255	104.6022	366.3085	102.674	99.06462	0	23.75469	76.24531	76.24531	0	-9999	3
2006.645	2006.76	1362.26	117.1607	358.2413	118.8294	122.6736	0	86.84636	13.15364	13.15364	0	-9999	3
2006.65	2006.766	1362.266	122.0185	400.0593	124.0457	128.7551	0	100	0	0	0	-9999	3
2006.655	2006.771	1362.271	124.5895	360.4414	125.7638	130.8811	0	100	0	0	0	-9999	3
2006.66	2006.776	1362.276	127.2965	450.4486	127.5685	126.0357	0	100	0	0	0	-9999	3
2006.665	2006.781	1362.281	141.363	471.7778	141.8575	138.8538	0	100	0	0	0	-9999	3
2006.67	2006.786	1362.286	138.1616	501.0825	140.0157	142.5868	0	100	0	0	0	-9999	3
2006.675	2006.792	1362.292	137.9886	389.3947	140.0652	144.6263	0	100	0	0	0	-9999	3
2006.68	2006.797	1362.297	139.682	599.875	142.698	146.2208	0	100	0	0	0	-9999	3
2006.685	2006.802	1362.302	134.6883	396.1173	137.7414	139.4595	0	100	0	0	0	-9999	3
2006.69	2006.807	1362.307	130.0777	325.942	131.3138	132.8836	0	100	0	0	0	-9999	3
2006.695	2006.813	1362.313	131.9813	340.7318	134.3545	137.593	0	100	0	0	0	-9999	3
2006.7	2006.818	1362.318	135.195	336.8052	137.4571	139.7809	0	100	0	0	0	-9999	3
2006.705	2006.823	1362.323	137.3211	246.8591	138.0009	136.2951	0	100	0	0	0	-9999	3
2006.71	2006.828	1362.328	134.2185	243.5436	135.2568	138.5695	0	100	0	0	0	-9999	3
2006.715	2006.833	1362.333	138.1863	351.6408	141.3507	146.0601	0	100	0	0	0	-9999	3
2006.72	2006.839	1362.339	137.902	282.6878	140.2011	142.0182	0	100	0	0	0	-9999	3
2006.725	2006.844	1362.344	137.1357	240.6712	138.174	140.2382	0	100	0	0	0	-9999	3
2006.73	2006.849	1362.349	135.8625	242.2754	136.0109	139.682	0	100	0	0	0	-9999	3
2006.735	2006.854	1362.354	136.0479	260.1669	137.1975	141.7957	0	100	0	0	0	-9999	3
2006.74	2006.859	1362.359	138.5942	308.6158	138.4212	141.4001	0	100	0	0	0	-9999	3
2006.745	2006.865	1362.365	136.3693	209.64	137.1975	143.5756	0	100	0	0	0	-9999	3
2006.75	2006.87	1362.37	133.7118	182.6118	133.3409	134.5399	0	88.5173	11.4827	11.4827	0	-9999	3
2006.755	2006.875	1362.375	129.2001	169.5179	128.8045	128.8416	0	69.91974	30.08026	30.08026	0	-9999	3
2006.76	2006.88	1362.38	127.21	192.0388	127.8033	132.0431	0	91.53538	8.46462	8.46462	0	-9999	3
2006.765	2006.886	1362.386	126.7527	136.5311	127.6426	129.4473	0	93.82191	6.178087	6.178087	0	-9999	3
2006.77	2006.891	1362.391	123.2422	196.2711	124.503	125.2817	0	91.46783	8.532175	8.532175	0	-9999	3
2006.775	2006.896	1362.396	122.6736	224.0631	123.2793	123.1681	0	76.39794	23.60206	23.60206	0	-9999	3
2006.78	2006.901	1362.401	125.4053	220.2434	125.9616	127.6797	0	85.04354	14.95646	14.95646	0	-9999	3
2006.785	2006.906	1362.406	125.5537	174.2543	126.0357	126.592	0	80.66066	19.33934	19.33934	0	-9999	3
2006.79	2006.912	1362.412	126.3942	184.3383	127.8033	129.472	0	100	0	0	0	-9999	3
2006.795	2006.917	1362.417	126.2212	230.2969	127.2595	127.0988	0	100	0	0	0	-9999	3
2006.8	2006.922	1362.422	126.8515	291.2286	127.6056	126.2953	0	100	0	0	0	-9999	3
2006.805	2006.927	1362.427	127.964	229.2579	128.4584	125.0469	0	94.57183	5.428167	5.428167	0	-9999	3
2006.81	2006.933	1362.433	127.037	285.1782	127.1111	127.2718	0	83.17891	16.82109	16.82109	0	-9999	3
2006.815	2006.938	1362.438	130.3002	250.3121	130.4114	127.5808	0	94.72785	5.272152	5.272152	0	-9999	3
2006.82	2006.943	1362.443	128.2854	361.3429	130.2137	128.7427	0	100	0	0	0	-9999	3
2006.825	2006.948	1362.448	129.9294	416.6978	131.9194	139.6078	0	100	0	0	0	-9999	3
2006.83	2006.953	1362.453	138.6684	339.4178	139.8921	142.1047	0	100	0	0	0	-9999	3
2006.835	2006.959	1362.459	137.3705	223.1922	138.1616	141.1529	0	100	0	0	0	-9999	3
2006.84	2006.964	1362.464	138.3594	204.9036	138.2234	139.5337	0	100	0	0	0	-9999	3
2006.845	2006.969	1362.469	137.111	388.1265	136.6412	136.2704	0	100	0	0	0	-9999	3
2006.85	2006.974	1362.474	133.0566	331.4576	132.4633	128.5573	0	88.12537	11.87463	11.87463	0	-9999	3
2006.855	2006.979	1362.479	132.4262	349.9907	133.3904	134.2062	0	100	0	0	0	-9999	3
2006.86	2006.985	1362.485	125.1087	415.1088	126.5549	131.0048	0	100	0	0	0	-9999	3
2006.865	2006.99	1362.49	120.6094	433.4892	120.115	118.3721	0	62.67847	37.32153	37.32153	0	-9999	3
2006.87	2006.995	1362.495	122.1792	348.6156	121.3263	119.2744	0	53.1746	46.8254	46.8254	0	-9999	3
2006.875	2007	1362.5	125.7267	393.6727	124.8615	123.0568	0	63.22978	36.77022	36.77022	0	-9999	3
2006.88	2007.006	1362.506	127.1606	513.0916	126.8145	126.7527	0	87.95172	12.04828	12.04828	0	-9999	3
2006.885	2007.011	1362.511	127.9022	595.1386	127.7292	128.2483	0	100	0	0	0	-9999	10
2006.89	2007.016	1362.516	126.8145	686.7653	126.1964	126.4931	0	91.71147	8.288527	8.288527	0	-9999	10
2006.895	2007.021	1362.521	129.2372	610.784	130.2507	131.4621	0	100	0	0	0	-9999	10
2006.9	2007.026	1362.526	129.5833	684.1679	130.4362	138.4706	0	100	0	0	0	-9999	10
2006.905	2007.032	1362.532	118.0754	427.7749	116.0359	106.9137	0	32.96693	67.03307	67.03307	0	-9999	10
2006.91	2007.037	1362.537	114.3672	253.9026	114.1571	112.5996	0	43.35524	56.64476	56.64476	0	-9999	10
2006.915	2007.042	1362.542	128.3719	334.5286	128.2607	125.9245	0	86.26182	13.73818	13.73818	0	-9999	10
2006.92	2007.047	1362.547	129.7934	354.7883	130.2878	137.7908	0	100	0	0	0	-9999	10
2006.925	2007.053	1362.553	135.4052	376.53	135.331	142.834	0	100	0	0	0	-9999	10
2006.93	2007.058	1362.558	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2007	2007.131	1362.631	146.0848	421.7398	146.8265	140.9428	0	100	0	0	0	-9999	10
2007.005	2007.136	1362.636	146.0107	449.1347	143.1306	135.5164	0	20.66214	79.33786	79.33786	0	-9999	10
2007.01	2007.141	1362.641	146.2332	396.8813	142.2654	133.7488	0	0	100	100	0	-9999	10
2007.015	2007.146	1362.646	139.9663	243.7269	137.6301	135.0096	0	31.21794	68.78206	68.78206	0	-9999	10
2007.02	2007.152	1362.652	135.022	144.5677	134.3545	133.0937	0	80.30557	19.69443	19.69443	0	-9999	10
2007.025	2007.157	1362.657	135.5659	142.6426	133.7241	132.9701	0	37.85991	62.14009	62.14009	0	-9999	10
2007.03	2007.162	1362.662	139.5831	175.8739	138.1122	139.0021	0	64.99069	35.00931	35.00931	0	-9999	10
2007.035	2007.167	1362.667	144.1813	386.7514	140.8563	132.3892	0	0	100	100	0	-9999	10
2007.04	2007.173	1362.673	156.1959	281.1904	157.0612	156.7892	0	100	0	0	0	-9999	10
2007.045	2007.178	1362.678	162.6235	316.7747	164.663	166.9003	0	100	0	0	0	-9999	10
2007.05	2007.183	1362.683	164.9102	314.3148	167.6296	174.6752	0	100	0	0	0	-9999	10
2007.055	2007.188	1362.688	164.8114	167.3636	165.5406	165.1575	0	100	0	0	0	-9999	10

2007.06	2007.193	1362.693	163.5506	146.0497	164.0079	163.2663	0	100	0	0	0	-9999	10
2007.065	2007.199	1362.699	162.0302	188.0664	163.155	167.9139	0	100	0	0	0	-9999	10
2007.07	2007.204	1362.704	160.5469	237.5084	161.956	163.291	0	100	0	0	0	-9999	10
2007.075	2007.209	1362.709	160.1761	256.7903	161.9313	162.0302	0	100	0	0	0	-9999	10
2007.08	2007.214	1362.714	159.8794	261.7559	161.511	165.6642	0	100	0	0	0	-9999	10
2007.085	2007.22	1362.72	158.9153	234.8652	159.4962	160.6458	0	100	0	0	0	-9999	10
2007.09	2007.225	1362.725	157.0735	257.8139	158.2849	162.7348	0	100	0	0	0	-9999	10
2007.095	2007.23	1362.73	157.5309	252.94	158.4332	160.9177	0	100	0	0	0	-9999	10
2007.1	2007.235	1362.735	155.5284	289.8535	156.4926	158.9524	0	100	0	0	0	-9999	10
2007.105	2007.24	1362.74	154.4654	282.535	154.416	157.4938	0	100	0	0	0	-9999	10
2007.11	2007.246	1362.746	152.2529	261.5572	152.1292	154.3913	0	100	0	0	0	-9999	10
2007.115	2007.251	1362.751	152.0922	257.4625	151.6966	150.6089	0	100	0	0	0	-9999	10
2007.12	2007.256	1362.756	149.4964	229.4718	149.6818	150.0032	0	100	0	0	0	-9999	10
2007.125	2007.261	1362.761	149.8425	240.8851	150.2875	153.6002	0	100	0	0	0	-9999	10
2007.13	2007.266	1362.766	149.6077	196.8364	149.892	152.2158	0	100	0	0	0	-9999	10
2007.135	2007.272	1362.772	148.4705	212.0235	148.5323	151.3752	0	100	0	0	0	-9999	10
2007.14	2007.277	1362.777	147.6794	206.4925	148.3345	150.9797	0	100	0	0	0	-9999	10
2007.145	2007.282	1362.782	146.9377	211.9929	146.9625	147.976	0	100	0	0	0	-9999	10
2007.15	2007.287	1362.787	145.3926	169.3957	145.4297	144.0948	0	100	0	0	0	-9999	10
2007.155	2007.293	1362.793	143.3778	127.3944	143.4026	144.0206	0	100	0	0	0	-9999	10
2007.16	2007.298	1362.798	140.745	89.76276	140.7945	141.6473	0	100	0	0	0	-9999	10
2007.165	2007.303	1362.803	140.3618	120.1217	140.6832	140.6461	0	100	0	0	0	-9999	10
2007.17	2007.308	1362.808	140.0404	164.4454	140.7203	142.2283	0	100	0	0	0	-9999	10
2007.175	2007.313	1362.813	143.6374	150.1292	143.8723	144.5027	0	100	0	0	0	-9999	10
2007.18	2007.319	1362.819	146.8759	130.3126	147.1726	149.3852	0	100	0	0	0	-9999	10
2007.185	2007.324	1362.824	145.7511	117.8299	146.5546	149.5953	0	100	0	0	0	-9999	10
2007.19	2007.329	1362.829	144.4285	140.9314	145.541	145.6399	0	100	0	0	0	-9999	10
2007.195	2007.334	1362.834	146.9748	130.4348	148.0873	148.112	0	100	0	0	0	-9999	10
2007.2	2007.34	1362.84	147.358	171.1528	148.1491	150.5471	0	100	0	0	0	-9999	10
2007.205	2007.345	1362.845	142.3643	301.3431	144.2431	147.3704	0	100	0	0	0	-9999	10
2007.21	2007.35	1362.85	130.4485	633.9314	137.0615	141.2024	0	100	0	0	0	-9999	10
2007.215	2007.355	1362.855	128.2854	714.9852	135.7636	139.682	0	100	0	0	0	-9999	10
2007.22	2007.36	1362.86	121.4375	765.9705	125.0345	101.5615	0	100	0	0	0	-9999	3
2007.225	2007.366	1362.866	119.1508	696.5743	120.4611	98.5702	0	100	0	0	0	-9999	3
2007.23	2007.371	1362.871	115.9247	661.6318	113.6132	96.59248	0	43.83542	56.16458	56.16458	0	-9999	3
2007.235	2007.376	1362.876	113.4031	793.2431	103.6257	91.90776	0	0	100	100	0	-9999	3
2007.24	2007.381	1362.881	112.785	639.8442	105.8383	99.96696	0	0	100	100	0	-9999	3
2007.245	2007.386	1362.886	112.5255	287.6381	111.3883	112.2782	0	31.19897	68.80103	68.80103	0	-9999	3
2007.25	2007.392	1362.892	115.3313	286.5686	114.1942	108.5577	0	34.10641	65.89359	65.89359	0	-9999	3
2007.255	2007.397	1362.897	122.4388	225.1632	122.9208	121.3757	0	73.00649	26.99351	26.99351	0	-9999	3
2007.26	2007.402	1362.902	120.1273	199.7088	119.8307	116.382	0	49.52535	50.47465	50.47465	0	-9999	3
2007.265	2007.407	1362.907	120.8442	221.9547	121.4499	121.4746	0	70.20035	29.79965	29.79965	0	-9999	3
2007.27	2007.413	1362.913	124.0457	160.2284	124.4906	128.3966	0	73.26861	26.73139	26.73139	0	-9999	3
2007.275	2007.418	1362.918	114.5897	228.0203	115.492	119.1261	0	57.98488	42.01512	42.01512	0	-9999	3
2007.28	2007.423	1362.923	112.167	219.4642	113.984	114.4537	0	63.89072	36.10928	36.10928	0	-9999	3
2007.285	2007.428	1362.928	105.9248	165.6371	106.2709	105.9125	0	30.72811	69.27189	69.27189	0	-9999	3
2007.29	2007.433	1362.933	108.7678	167.9137	109.5094	109.633	0	39.38188	60.61812	60.61812	0	-9999	3
2007.295	2007.439	1362.939	101.784	194.6668	101.2772	101.784	3.176995	21.2087	75.61431	75.61431	0	-9999	3
2007.3	2007.444	1362.944	96.36999	192.8639	94.92378	93.972	15.87465	12.19285	71.93251	54.22397	17.70853	28.29371	3
2007.305	2007.449	1362.949	96.62956	159.5867	96.08569	100.4861	16.69582	14.98226	68.32192	49.08429	19.23763	27.37149	3
2007.31	2007.454	1362.954	92.82246	181.8173	94.36755	98.13757	0	24.56228	75.43772	75.43772	0	-9999	3
2007.315	2007.46	1362.96	91.52458	114.5908	91.49986	90.32559	28.25802	11.47669	60.2653	42.4864	17.77889	28.30928	3
2007.32	2007.465	1362.965	104.6146	193.3528	105.7023	109.9421	0	37.44803	62.55197	62.55197	0	-9999	3
2007.325	2007.47	1362.97	117.2843	183.1771	118.6811	118.4339	0	70.72124	29.27876	29.27876	0	-9999	3
2007.33	2007.475	1362.975	117.4821	146.4012	118.78	118.9036	0	67.17128	32.82872	32.82872	0	-9999	3
2007.335	2007.48	1362.98	106.9879	258.3792	108.6442	112.2659	0	51.80247	48.19753	48.19753	0	-9999	3
2007.34	2007.486	1362.986	104.5281	272.0079	104.3179	104.4168	0	31.28168	68.71832	68.71832	0	-9999	3
2007.345	2007.491	1362.991	98.89157	165.3163	98.55783	98.13757	11.5997	18.156	70.2443	47.50405	22.74025	28.57983	3
2007.35	2007.496	1362.996	107.643	233.2609	109.2128	110.041	0	50.58126	49.41874	49.41874	0	-9999	3
2007.355	2007.501	1363.001	112.5007	337.8441	114.9605	118.8418	0	81.94588	18.05412	18.05412	0	-9999	3
2007.36	2007.506	1363.006	109.2869	201.2978	108.6442	108.1621	0	27.539	72.461	72.461	0	-9999	3
2007.365	2007.512	1363.012	116.9135	239.2502	118.953	119.3733	0	84.40277	15.59723	15.59723	0	-9999	3
2007.37	2007.517	1363.017	115.319	308.2033	114.8987	112.4389	0	45.65727	54.34273	54.34273	0	-9999	3
2007.375	2007.522	1363.022	101.8952	352.145	96.9015	89.48506	0	2.580041	97.41996	97.41996	0	-9999	3
2007.38	2007.527	1363.027	111.6973	381.465	112.8963	111.1287	0	65.35264	34.64736	34.64736	0	-9999	3
2007.385	2007.533	1363.033	118.7676	378.7454	119.6823	113.6256	0	80.13777	19.86223	19.86223	0	-9999	3
2007.39	2007.538	1363.038	97.84091	378.7454	92.63704	87.81636	0	5.799938	94.20006	94.20006	0	-9999	3
2007.395	2007.543	1363.043	103.7741	229.7927	104.8124	109.5589	0	38.14544	61.85456	61.85456	0	-9999	3
2007.4	2007.548	1363.048	105.5664	168.4331	105.2944	101.648	4.225626	24.85573	70.91865	68.54579	2.372859	-9999	3
2007.405	2007.553	1363.053	109.1139	193.6737	110.0162	108.8914	0	43.54891	56.45109	56.45109	0	-9999	3
2007.41	2007.559	1363.059	107.7542	208.7691	108.4835	108.0509	0	40.22955	59.77045	59.77045	0	-9999	3
2007.415	2007.564	1363.064	99.00282	270.7703	95.30696	90.09073	12.03389	5.633342	82.33277	66.86656	15.46621	29.3936	3
2007.42	2007.569	1363.069	100.1647	265.545	98.99046	91.90776	0	20.34718	79.65282	79.65282	0	-9999	3

2007.425	2007.574	1363.074	96.48123	298.7457	92.83482	90.56044	7.200518	8.306853	84.49263	65.42274	19.06989	-9999	3
2007.43	2007.58	1363.08	117.7541	291.7786	114.4661	110.2387	0	5.505898	94.4941	94.4941	0	-9999	10
2007.435	2007.585	1363.085	113.23	526.705	108.6936	100.1153	0	9.062742	90.93726	90.93726	0	-9999	10
2007.44	2007.59	1363.09	128.1371	397.2785	128.3719	122.7972	0	99.31721	0.682793	0.682793	0	-9999	10
2007.445	2007.595	1363.095	134.9602	329.7616	139.5584	141.499	0	100	0	0	0	-9999	10
2007.45	2007.6	1363.1	143.3778	93.1852	143.1306	144.5892	0	100	0	0	0	-9999	10
2007.455	2007.606	1363.106	144.1689	122.7802	145.0836	150.7572	0	100	0	0	0	-9999	10
2007.46	2007.611	1363.111	142.253	214.3306	144.9353	147.8277	0	100	0	0	0	-9999	10
2007.465	2007.616	1363.116	138.0998	354.9105	142.6362	147.3951	0	100	0	0	0	-9999	10
2007.47	2007.621	1363.121	125.6278	478.0268	128.3225	137.3582	0	100	0	0	0	-9999	10
2007.475	2007.627	1363.127	125.2694	608.4616	127.7292	123.1804	0	100	0	0	0	-9999	10
2007.48	2007.632	1363.132	122.2039	485.0703	123.1681	140.7574	0	100	0	0	0	-9999	10
2007.485	2007.637	1363.137	119.0148	641.1888	119.9172	140.5102	0	98.40293	1.597069	1.597069	0	-9999	10
2007.49	2007.642	1363.142	127.4201	483.955	134.0826	145.3061	0	100	0	0	0	-9999	10
2007.495	2007.647	1363.147	125.9739	689.5919	132.6364	143.8352	0	100	0	0	0	-9999	10
2007.5	2007.653	1363.153	133.1555	406.2013	138.2729	147.1973	0	100	0	0	0	-9999	10
2007.505	2007.658	1363.158	133.4275	559.3557	142.698	150.8066	0	100	0	0	0	-9999	10
2007.51	2007.663	1363.163	125.5908	591.0133	129.7687	137.1851	0	100	0	0	0	-9999	10
2007.515	2007.668	1363.168	109.6207	488.1872	109.7567	110.9186	0	55.74774	44.25226	44.25226	0	-9999	3
2007.52	2007.673	1363.173	95.96208	265.6519	93.61354	90.59752	5.628294	12.39236	81.97935	74.84775	7.131596	-9999	3
2007.525	2007.679	1363.179	94.50351	208.9219	93.26744	92.55052	12.07724	13.65446	74.2683	56.08615	18.18215	28.3048	3
2007.53	2007.684	1363.184	96.54304	206.0342	93.972	92.43927	21.24563	7.313172	71.44119	45.45976	25.98144	28.16766	3
2007.535	2007.689	1363.189	98.02632	197.5392	95.65306	91.17848	20.40407	7.926714	71.66922	37.01493	34.65428	28.92934	3
2007.54	2007.694	1363.194	100.2636	161.0993	100.3996	101.6109	7.717684	22.16257	70.11975	55.54926	14.57049	-9999	3
2007.545	2007.7	1363.2	100.7086	134.7893	99.81863	99.75683	21.62637	13.71411	64.65953	38.10557	26.55395	28.28625	3
2007.55	2007.705	1363.205	100.0782	163.712	98.76797	99.25004	18.46409	12.55459	68.98132	47.11312	21.8682	28.23008	3
2007.555	2007.71	1363.21	96.02388	155.6906	95.54182	94.81253	17.71692	14.69142	67.59166	46.30936	21.2823	28.26426	3
2007.56	2007.715	1363.215	101.0176	174.9113	100.9929	101.9941	4.926838	22.68095	72.39222	60.64136	11.75085	-9999	3
2007.565	2007.72	1363.22	97.19815	223.5437	94.34283	92.43927	18.60893	7.071921	74.31915	43.0973	31.22185	28.31233	3
2007.57	2007.726	1363.226	102.0188	421.2662	96.64192	92.05609	0	4.93583	95.06417	95.06417	0	-9999	3
2007.575	2007.731	1363.231	96.54304	293.1537	92.9337	91.75943	8.209542	8.094707	83.69575	77.4068	6.288955	28.50748	3
2007.58	2007.736	1363.236	93.26744	201.2519	91.40097	88.06357	19.95613	9.845956	70.19791	41.65048	28.54743	28.23345	3
2007.585	2007.741	1363.241	88.26135	191.3513	85.93753	83.18108	30.50214	6.673954	62.82391	35.33337	27.49054	27.56848	3
2007.59	2007.747	1363.247	90.48628	234.6972	86.7657	84.8127	28.79041	4.721741	66.48785	45.59188	20.89597	27.10459	3
2007.595	2007.752	1363.252	97.68022	250.7399	95.36877	91.63583	7.368939	11.80675	80.82431	78.70715	2.117155	-9999	3
2007.6	2007.757	1363.257	99.80627	288.3409	95.88792	88.54564	8.76696	5.38814	85.8449	76.83787	9.007035	30.16066	3
2007.605	2007.762	1363.262	103.1807	371.8852	98.632	91.45041	0	5.83653	94.16347	94.16347	0	-9999	3
2007.61	2007.767	1363.267	107.1238	266.2631	105.0225	100.6839	0	16.42416	83.57584	83.57584	0	-9999	3
2007.615	2007.773	1363.273	101.0423	216.7293	99.85571	99.29948	3.788934	17.43604	78.77503	78.77503	0	-9999	3
2007.62	2007.778	1363.278	97.92744	208.0051	96.34526	95.50473	11.83136	13.02174	75.1469	59.38207	15.76484	28.60176	3
2007.625	2007.783	1363.283	94.47879	325.6058	92.26622	86.4196	0	16.8904	83.1096	83.1096	0	-9999	3
2007.63	2007.788	1363.288	94.09561	328.9213	90.17726	92.98314	4.200307	9.636233	86.16346	85.30199	0.861466	-9999	3
2007.635	2007.793	1363.293	102.7481	493.9626	98.79269	93.24272	0	18.06694	81.93306	81.93306	0	-9999	3
2007.64	2007.799	1363.299	97.69258	244.9645	95.50473	94.99794	7.797251	12.08916	80.11359	75.7436	4.369991	-9999	3
2007.645	2007.804	1363.304	97.18579	319.0818	94.3181	91.06723	0	13.45736	86.54264	86.54264	0	-9999	3
2007.65	2007.809	1363.309	103.1313	364.582	99.76919	96.51831	0	13.12971	86.87029	86.87029	0	-9999	3
2007.655	2007.814	1363.314	91.9572	243.3144	88.74341	86.02405	21.42417	7.006995	71.56884	43.84094	27.7279	27.51089	3
2007.66	2007.82	1363.32	90.28851	203.009	88.81758	89.17604	19.20608	10.90018	69.89373	44.49385	25.39988	27.32586	3
2007.665	2007.825	1363.325	99.17587	203.0395	97.68022	93.218	11.2139	13.65998	75.12612	64.92619	10.19993	29.4127	3
2007.67	2007.83	1363.33	101.0671	228.8148	98.85449	93.48993	8.792538	11.49314	79.71432	61.98388	17.73045	29.96972	3
2007.675	2007.835	1363.335	95.46765	116.2103	94.9485	93.82367	28.07028	11.49595	60.43377	33.17607	27.2577	28.41773	3
2007.68	2007.84	1363.34	100.8446	209.3038	99.88043	97.38357	4.043528	18.32676	77.62971	77.62971	0	-9999	3
2007.685	2007.846	1363.346	102.8965	259.0057	100.4737	98.70616	1.431843	12.44527	86.12289	86.12289	0	-9999	3
2007.69	2007.851	1363.351	99.21295	151.0612	99.12643	98.33534	12.83785	19.03889	68.12326	42.41591	25.70735	28.54987	3
2007.695	2007.856	1363.356	105.3686	50.83246	105.1214	104.5899	32.67535	16.92368	50.40097	21.56849	28.83248	28.56148	3
2007.7	2007.861	1363.361	96.04861	81.06914	96.80261	99.22531	26.17301	16.62855	57.19844	38.61467	18.58377	27.78509	3
2007.705	2007.867	1363.367	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2008	2008.174	1363.674	103.9718	125.6679	102.5009	98.61964	25.33397	10.7838	63.88222	41.45702	22.42521	29.28045	3
2008.005	2008.179	1363.679	103.9595	90.00722	103.0571	99.97932	29.56862	12.81987	57.61151	29.11459	28.49692	29.12868	3
2008.01	2008.184	1363.684	98.52075	117.0659	97.51953	95.40585	28.7904	10.53921	60.67039	26.16298	34.50741	28.76862	3
2008.015	2008.188	1363.688	95.26988	81.86364	94.13269	91.87068	41.35391	5.874149	52.77194	34.60386	18.16808	29.75339	3
2008.02	2008.193	1363.693	101.8211	94.80475	101.3761	99.71974	26.83051	14.94814	58.22135	27.70893	30.51242	28.61301	3
2008.025	2008.197	1363.697	99.43545	92.0393	98.95338	95.51709	29.98191	12.66074	57.35735	24.55494	32.80241	29.08596	3
2008.03	2008.202	1363.702	101.8458	124.033	102.0188	100.4985	14.94474	21.52763	63.52763	44.32679	19.20083	28.46717	3
2008.035	2008.206	1363.706	103.9471	187.3788	103.292	102.2166	4.100154	21.3565	74.54334	74.54334	0	-9999	3
2008.04	2008.211	1363.711	88.86702	55.37025	88.03885	87.28485	51.26105	2.947418	45.79153	17.44662	28.34491	30.66541	3
2008.045	2008.215	1363.715	85.5049	76.05771	83.99689	81.05504	54.6166	1.111821	44.27158	17.86167	26.40991	31.09925	3
2008.05	2008.22	1363.72	77.33446	50.3741	76.49393	74.02178	63.17587	0	36.82413	11.87978	24.94434	31.66197	3
2008.055	2008.225	1363.725	80.11562	70.03787	79.1144	78.48401	57.10391	0.96562	41.93047	18.96496	22.96551	30.79748	3
2008.06	2008.229	1363.729	79.01552	93.32271	77.53223	76.16019	56.21711	1.229697	42.5532	16.45723	26.09597	30.26075	3
2008.065	2008.234	1363.734	87.93997	211.0151	86.61737	82.26639	18.27972	11.38037	70.33991	40.80884	29.53107	27.98315	3
2008.07	2008.238	1363.738	110.1646	261.5878	110.5354	114.9358	0	43.99465	56.00535	56.00535	0	-9999	8
2008.075	2008.243	1363.743	111.4995	271.8246	112.2659	116.3573	0	51.98235	48.01765	48.01765	0	-9999	8

2008.08	2008.247	1363.747	105.7271	301.8168	108.2734	111.9816	0	61.11432	38.88568	38.88568	0	-9999	8
2008.085	2008.252	1363.752	102.0683	300.3195	104.664	101.7469	0	53.28932	46.71068	46.71068	0	-9999	8
2008.09	2008.257	1363.757	101.0794	231.947	103.3785	103.1189	0	44.28483	55.71517	55.71517	0	-9999	8
2008.095	2008.261	1363.761	99.88043	191.6569	100.2018	97.98924	0	25.12914	74.87086	74.87086	0	-9999	8
2008.1	2008.266	1363.766	102.7358	146.7526	102.9583	106.0361	8.244656	24.41387	67.34147	59.50523	7.836246	28.0023	8
2008.105	2008.27	1363.77	103.6134	249.7315	102.3773	92.38983	0	20.76637	79.23363	79.23363	0	-9999	8
2008.11	2008.275	1363.775	84.47896	164.0023	82.34056	81.36406	39.16345	5.04494	55.79161	34.61489	21.17672	27.55328	8
2008.115	2008.279	1363.779	74.42969	141.5425	71.57436	68.87972	59.4002	1.548585	39.05121	14.51665	24.53456	29.59384	8
2008.12	2008.284	1363.784	77.65584	122.2454	76.44449	74.56566	48.36121	3.556012	48.08278	21.44008	26.6427	28.65299	8
2008.125	2008.289	1363.789	79.90549	129.2737	78.39748	76.98836	46.8898	3.732512	49.37769	17.19529	32.1824	28.451	8
2008.13	2008.293	1363.793	84.78798	194.1626	83.04512	75.91297	28.5149	8.254442	63.23065	33.33963	29.89102	28.02657	8
2008.135	2008.298	1363.798	98.9163	252.9706	97.98924	96.25874	0	20.38129	79.61871	79.61871	0	-9999	8
2008.14	2008.302	1363.802	109.7072	335.6287	108.3846	103.3538	0	29.90835	70.09165	70.09165	0	-9999	8
2008.145	2008.307	1363.807	116.518	176.485	116.3078	114.9111	0	42.01432	57.98568	57.98568	0	-9999	8
2008.15	2008.311	1363.811	117.8777	201.0839	117.5068	114.8493	0	43.71772	56.28228	56.28228	0	-9999	8
2008.155	2008.316	1363.816	121.8949	194.9112	122.2039	123.1804	0	65.60577	34.39423	34.39423	0	-9999	8
2008.16	2008.32	1363.82	123.613	207.8982	123.9097	126.592	0	71.62661	28.37339	28.37339	0	-9999	8
2008.165	2008.325	1363.825	122.4511	192.1611	122.5871	126.1593	0	63.46215	36.53785	36.53785	0	-9999	8
2008.17	2008.33	1363.83	124.2558	222.3214	125.0098	126.5054	0	85.49857	14.50143	14.50143	0	-9999	8
2008.175	2008.334	1363.834	120.8442	184.8884	121.2892	121.6971	0	64.51192	35.48808	35.48808	0	-9999	8
2008.18	2008.339	1363.839	124.9727	178.7616	125.5166	126.8268	0	80.26892	19.73108	19.73108	0	-9999	8
2008.185	2008.343	1363.843	123.8973	218.8531	124.9727	126.8392	0	91.44014	8.559861	8.559861	0	-9999	8
2008.19	2008.348	1363.848	105.9496	507.2093	108.7184	97.32176	0	77.85437	22.14563	22.14563	0	-9999	8
2008.195	2008.352	1363.852	89.42325	220.8393	86.16002	77.85361	29.57755	5.48971	64.93274	44.28388	20.64886	28.31446	4
2008.2	2008.357	1363.857	79.72008	58.99132	78.90427	79.89313	58.70414	0.57483	40.72103	11.42004	29.30099	30.95619	4
2008.205	2008.362	1363.862	80.69658	38.33443	79.90549	78.43456	62.61314	0	37.38686	24.15015	13.23671	31.88034	4
2008.21	2008.366	1363.866	81.90793	39.52617	81.0056	80.3752	62.07245	0	37.92755	20.01449	17.91306	31.7973	4
2008.215	2008.371	1363.871	84.63965	46.00437	84.23175	83.78676	54.15972	2.22936	43.61092	14.7119	28.89902	30.96173	4
2008.22	2008.375	1363.875	84.59021	54.56048	83.7126	83.20581	55.77486	1.355317	42.86982	23.035	19.83482	31.11026	4
2008.225	2008.38	1363.88	83.61371	56.10364	82.56305	81.4753	57.64094	0.694067	41.66499	15.84278	25.82222	31.4588	4
2008.23	2008.384	1363.884	85.62851	79.2968	83.93509	82.72374	55.15595	0.786805	44.05724	13.95069	30.10655	30.82868	4
2008.235	2008.389	1363.889	91.11667	164.6593	88.69397	87.21068	35.10106	4.758293	60.14064	32.72021	27.42043	28.07474	4
2008.24	2008.393	1363.893	99.54669	382.4428	94.68893	88.45912	0	6.794306	93.20569	93.20569	0	-9999	4
2008.245	2008.398	1363.898	107.3958	276.7749	106.4934	104.7011	0	28.19062	71.80938	71.80938	0	-9999	4
2008.25	2008.403	1363.903	108.4959	430.6932	110.7455	106.1102	0	73.5665	26.4335	26.4335	0	-9999	4
2008.255	2008.407	1363.907	111.5737	199.9991	112.3895	115.183	0	47.91381	52.08619	52.08619	0	-9999	4
2008.26	2008.412	1363.912	107.334	213.1999	105.4675	101.9447	4.123526	15.00109	80.87538	80.87538	0	-9999	4
2008.265	2008.416	1363.916	109.633	183.3605	108.1992	106.308	5.876652	18.42874	75.69461	59.83016	15.86445	-9999	4
2008.27	2008.421	1363.921	107.3092	286.9658	105.8383	103.0819	0	23.54212	76.45788	76.45788	0	-9999	4
2008.275	2008.425	1363.925	102.7605	290.4647	100.7828	89.48506	0	17.66618	82.33382	82.33382	0	-9999	4
2008.28	2008.43	1363.93	99.6085	222.8103	97.07455	90.69641	14.07821	8.896463	77.02533	58.5463	18.47903	29.63934	4
2008.285	2008.435	1363.935	103.1807	174.8044	101.4626	96.12277	16.08665	11.87793	72.03542	43.15318	28.88224	29.61176	4
2008.29	2008.439	1363.939	97.75439	151.4431	95.76431	93.06967	28.83982	6.87221	64.28797	33.39194	30.89603	28.78388	4
2008.295	2008.444	1363.944	94.45407	101.2218	93.31688	92.51344	37.41977	6.847146	55.73308	20.7812	34.95188	28.92599	4
2008.3	2008.448	1363.948	94.86198	173.4293	92.81009	93.81131	26.65917	7.435846	65.90498	38.74313	27.16185	27.66744	4
2008.305	2008.453	1363.953	93.9102	120.0147	91.98193	91.75943	39.50318	4.219226	56.2776	23.45942	32.81818	28.84329	4
2008.31	2008.457	1363.957	95.18336	101.5274	93.87312	92.34039	38.01602	6.293861	55.69012	29.33989	26.35023	29.16184	4
2008.315	2008.462	1363.962	98.33534	105.011	97.5937	92.77301	29.86657	11.18503	58.9484	28.14736	30.80103	29.31268	4
2008.32	2008.466	1363.966	101.339	86.09586	101.0053	101.3637	28.51941	14.76086	56.71974	34.90743	21.81231	28.2917	4
2008.325	2008.471	1363.971	99.3242	99.31199	98.89157	98.59492	27.94108	13.38977	58.66915	29.86668	28.80247	28.39046	4
2008.33	2008.476	1363.976	97.13635	100.7635	97.11163	95.73959	26.44139	14.34662	59.21199	43.11094	16.10105	28.47835	4
2008.335	2008.48	1363.98	97.28468	117.7993	96.66664	94.72601	26.78045	12.13973	61.07982	43.18188	17.89794	28.58855	4
2008.34	2008.485	1363.985	95.87556	186.401	94.42935	93.67535	17.89355	11.58141	70.52504	47.58065	22.9444	28.14244	4
2008.345	2008.489	1363.989	97.69258	166.2941	96.43179	93.44049	19.65081	11.94166	68.40753	36.79692	31.61061	28.68949	4
2008.35	2008.494	1363.994	99.63322	112.5434	98.85449	99.68266	27.13706	12.26574	60.5972	40.05487	20.54233	28.18491	4
2008.355	2008.498	1363.998	101.1783	144.7969	100.3872	100.7828	18.00603	15.37452	66.61945	47.80133	18.81812	28.22858	4
2008.36	2008.503	1364.003	100.7951	191.0304	99.33656	95.26988	12.34301	13.76434	73.89266	54.76058	19.13207	29.36781	4
2008.365	2008.508	1364.008	98.38478	162.4286	97.47009	96.80261	17.26716	14.04738	68.68546	41.02807	27.65739	28.35466	4
2008.37	2008.512	1364.012	91.27736	97.05073	91.17848	91.84596	33.30491	9.822858	56.87223	37.59763	19.2746	28.25339	4
2008.375	2008.517	1364.017	84.02161	138.777	81.43822	76.43213	49.13736	2.085854	48.77678	24.4846	24.29218	29.5444	4
2008.38	2008.521	1364.021	76.85239	71.70326	75.9377	74.94884	59.03249	0.616606	40.3509	16.54718	23.80372	30.93318	4
2008.385	2008.526	1364.026	71.95754	54.94245	70.94396	70.15287	68.35823	0	31.64177	12.61905	19.02272	30.71677	4
2008.39	2008.53	1364.03	70.43717	48.31146	70.37537	70.00455	63.98541	0	36.01459	6.516734	29.49786	30.856	4
2008.395	2008.535	1364.035	68.43473	39.19004	68.32349	68.9786	68.41822	0	31.58178	5.593329	25.98845	30.20551	4
2008.4	2008.54	1364.04	67.03797	30.83255	66.69187	66.09855	73.54587	0	26.45413	12.0998	14.35433	30.23979	4
2008.405	2008.544	1364.044	69.02805	65.51536	67.28518	66.35813	74.14667	0	25.85333	16.58827	9.265059	30.77572	4
2008.41	2008.549	1364.049	76.32088	85.17913	73.9229	71.9081	67.7558	0	32.2442	6.342482	25.90172	30.57967	4
2008.415	2008.553	1364.053	83.65079	99.81619	81.4753	79.04024	55.74579	0.532138	43.72207	25.5648	18.15727	30.64607	4
2008.42	2008.558	1364.058	103.9966	108.2195	103.4403	102.4885	22.44485	16.8527	60.70245	36.53087	24.17158	28.38126	4
2008.425	2008.562	1364.062	108.6689	121.7871	107.9767	106.6047	15.91669	21.00156	63.08175	43.26728	19.81447	28.41794	4
2008.43	2008.567	1364.067	102.674	140.2133	102.2166	101.4997	15.15279	18.64009	66.20712	47.56235	18.64476	28.45574	4
2008.435	2008.571	1364.071	97.84091	188.2803	97.91508	97.81619	3.847765	21.41683	74.73541	74.73541	0	-9999	4
2008.44	2008.576	1364.076	89.85588	230.1594	91.03015	90.23906	0	23.40021	76.59979	76.59979	0	-9999	4

2008.445	2008.581	1364.081	80.12798	135.4463	79.85605	72.42725	35.61176	7.16514	57.2231	28.92924	28.29386	28.79068	4
2008.45	2008.585	1364.085	71.15409	82.19977	69.32471	67.13686	68.82365	0	31.17635	19.91017	11.26619	31.0833	4
2008.455	2008.59	1364.09	85.62851	147.4096	83.62607	82.05626	41.06756	4.448851	54.48359	26.2033	28.28029	28.14936	5
2008.46	2008.594	1364.094	86.04877	124.4914	84.96103	82.58777	39.13823	5.826383	55.03539	28.95198	26.08341	28.5461	5
2008.465	2008.599	1364.099	90.68405	172.482	93.10675	94.15741	0	26.01862	73.98138	73.98138	0	-9999	5
2008.47	2008.603	1364.103	94.46643	170.7402	95.88792	98.10049	0.755244	24.86515	74.3796	74.3796	0	-9999	5
2008.475	2008.608	1364.108	100.6344	387.5918	99.31184	99.01518	0	27.85312	72.14688	72.14688	0	-9999	5
2008.48	2008.613	1364.113	103.9966	576.2082	102.4638	100.585	0	40.73107	59.26893	59.26893	0	-9999	5
2008.485	2008.617	1364.117	101.4008	634.0077	105.0967	94.23158	0	83.87505	16.12495	16.12495	0	-9999	5
2008.49	2008.622	1364.122	96.43179	644.0001	98.03868	66.17272	0	60.15352	39.84648	39.84648	0	-9999	5
2008.495	2008.626	1364.126	94.97322	626.2156	95.39349	65.95023	0	50.60218	49.39782	49.39782	0	-9999	5
2008.5	2008.631	1364.131	99.36128	593.137	102.538	68.78083	0	72.29047	27.70953	27.70953	0	-9999	5
2008.505	2008.635	1364.135	98.80505	679.8288	103.0324	66.56826	0	85.15213	14.84787	14.84787	0	-9999	5
2008.51	2008.64	1364.14	102.0683	769.3471	111.7097	72.22948	0	100	0	0	0	-9999	5
2008.515	2008.644	1364.144	103.7246	817.1391	113.8975	70.06635	0	100	0	0	0	-9999	5
2008.52	2008.649	1364.149	107.6924	659.8594	113.4031	86.38251	0	100	0	0	0	-9999	5
2008.525	2008.654	1364.154	112.7974	859.6599	115.7516	100.7704	0	100	0	0	0	-9999	5
2008.53	2008.658	1364.158	112.1052	813.7625	112.5378	86.58029	0	85.5521	14.4479	14.4479	0	-9999	5
2008.535	2008.663	1364.163	111.3388	678.2245	110.6961	82.29111	0	62.10321	37.89679	37.89679	0	-9999	5
2008.54	2008.667	1364.167	93.06967	445.4525	87.27249	77.42098	0	10.62878	89.37122	89.37122	0	-9999	5
2008.545	2008.672	1364.172	101.4873	525.941	97.47009	84.25647	0	20.29841	79.70159	79.70159	0	-9999	5
2008.55	2008.676	1364.176	88.80522	269.3188	86.01169	76.7535	14.77386	10.37654	74.8496	59.99498	14.85462	28.49766	5
2008.555	2008.681	1364.181	87.65567	192.4514	86.93875	80.42464	18.3397	12.16998	69.49031	44.73629	24.75402	28.5944	5
2008.56	2008.686	1364.186	88.27371	160.7785	87.24777	88.64453	27.83084	9.136099	63.03306	34.4276	28.60546	27.19232	5
2008.565	2008.69	1364.19	94.62712	151.0917	95.07211	94.77545	12.9302	18.38267	68.68713	50.9456	17.74153	28.41661	5
2008.57	2008.695	1364.195	98.07577	127.6388	98.53311	98.45895	15.33726	19.9235	64.73924	51.85341	12.88583	28.25357	7
2008.575	2008.699	1364.199	99.59614	123.2691	99.97932	102.2784	15.57077	20.64789	63.78134	44.07649	19.70484	27.77521	7
2008.58	2008.704	1364.204	96.22166	128.25	96.01152	94.65184	22.06811	14.46752	63.46437	41.17581	22.28857	28.35722	7
2008.585	2008.708	1364.208	95.77667	118.441	95.71487	97.22288	23.70172	14.31408	61.9842	43.3308	18.6534	27.84196	7
2008.59	2008.713	1364.213	90.77057	122.3065	91.1414	92.9337	24.01902	13.27636	62.70462	28.24953	34.45509	27.6711	7
2008.595	2008.718	1364.218	89.11424	129.182	89.28729	85.13408	25.41172	11.91311	62.67517	39.98474	22.69042	28.64297	7
2008.6	2008.722	1364.222	86.0735	110.5419	84.96103	82.87207	42.68286	4.812055	52.50509	34.89767	17.60742	28.96077	7
2008.605	2008.727	1364.227	88.11302	90.48086	87.53206	86.12294	41.54205	5.947933	52.51001	19.27447	33.23554	29.12659	7
2008.61	2008.731	1364.231	93.89784	62.52072	93.972	94.15741	37.9092	9.938422	52.15238	28.16742	23.98496	28.96408	7
2008.615	2008.736	1364.236	100.5726	70.61846	100.4861	100.8322	31.05408	14.79383	54.15209	31.72555	22.42654	28.40088	7
2008.62	2008.74	1364.24	104.5652	65.989	104.4168	105.8877	28.98027	17.93848	53.08125	32.08879	20.99247	27.94486	7
2008.625	2008.745	1364.245	103.3785	113.6282	103.9966	106.0979	12.60395	26.17127	61.22477	43.35816	17.86661	27.65779	7
2008.63	2008.749	1364.249	107.9891	103.0858	108.1745	110.1151	14.26634	27.8471	57.88656	43.4934	14.39316	27.31034	7
2008.635	2008.754	1364.254	107.7913	144.0941	107.4946	105.3315	8.260337	25.49605	66.24362	61.66666	4.576953	28.84205	7
2008.64	2008.759	1364.259	104.8494	126.6915	104.9113	105.4675	12.40018	24.16378	63.43604	46.44175	16.99429	28.06997	7
2008.645	2008.763	1364.263	108.5577	128.8611	108.2486	107.1609	11.33745	25.26909	63.39347	58.52818	4.865289	28.33644	7
2008.65	2008.768	1364.268	110.5477	154.9114	110.6219	110.6961	0.232736	33.99549	65.77177	65.77177	0	-9999	7
2008.655	2008.772	1364.272	111.1163	143.1468	110.9186	111.8951	4.66418	30.89129	64.44453	62.75651	1.688017	-9999	7
2008.66	2008.777	1364.277	112.0434	160.4271	111.8085	111.7591	0	32.98812	67.01188	67.01188	0	-9999	7
2008.665	2008.781	1364.281	112.031	158.2269	112.0681	111.9074	0	36.185	63.815	63.815	0	-9999	7
2008.67	2008.786	1364.286	113.539	196.5155	113.2918	116.7281	0	37.60223	62.39777	62.39777	0	-9999	7
2008.675	2008.791	1364.291	114.9482	259.9835	114.4661	115.8134	0	40.92975	59.07025	59.07025	0	-9999	7
2008.68	2008.795	1364.295	115.0718	233.9332	115.0594	113.0693	0	46.08071	53.91929	53.91929	0	-9999	7
2008.685	2008.8	1364.3	114.0953	211.2595	114.3919	115.492	0	47.01541	52.98459	52.98459	0	-9999	7
2008.69	2008.804	1364.304	116.4933	197.1878	117.6799	120.3127	0	65.61031	34.38969	34.38969	0	-9999	7
2008.695	2008.809	1364.309	122.7478	215.1862	124.4536	111.1411	0	100	0	0	0	-9999	7
2008.7	2008.813	1364.313	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2009	2009.087	1364.587	125.4053	204.9188	123.304	123.1186	0	21.92486	78.07514	78.07514	0	-9999	7
2009.005	2009.092	1364.592	127.7662	373.3367	123.3535	119.7565	0	0	100	100	0	-9999	7
2009.01	2009.096	1364.596	130.7823	423.2983	126.9875	121.1656	0	0	100	100	0	-9999	7
2009.015	2009.101	1364.601	126.8886	448.6916	120.0779	114.5032	0	0	100	100	0	-9999	7
2009.02	2009.105	1364.605	133.6623	664.4278	122.7354	116.1719	0	0	100	100	0	-9999	7
2009.025	2009.11	1364.61	139.6449	574.2678	140.9551	133.4151	0	100	0	0	0	-9999	7
2009.03	2009.115	1364.615	143.279	419.6466	144.8982	135.2198	0	100	0	0	0	-9999	7
2009.035	2009.119	1364.619	141.4372	357.0495	142.5991	139.5955	0	100	0	0	0	-9999	7
2009.04	2009.124	1364.624	141.7339	310.3271	142.0676	133.0443	0	100	0	0	0	-9999	7
2009.045	2009.128	1364.628	140.745	310.0215	140.4854	139.8674	0	100	0	0	0	-9999	7
2009.05	2009.133	1364.633	141.4249	274.4983	140.2135	138.1616	0	90.66418	9.335822	9.335822	0	-9999	7
2009.055	2009.137	1364.637	138.0133	204.0632	137.3087	135.8007	0	95.36039	4.639614	4.639614	0	-9999	7
2009.06	2009.142	1364.642	135.5041	238.7919	135.1827	135.6153	0	100	0	0	0	-9999	7
2009.065	2009.147	1364.647	134.6141	269.273	134.0331	129.9912	0	90.36225	9.637747	9.637747	0	-9999	7
2009.07	2009.151	1364.651	136.9255	283.8795	136.4435	134.2309	0	100	0	0	0	-9999	7
2009.075	2009.156	1364.656	138.3594	283.1003	137.9391	139.1381	0	100	0	0	0	-9999	7
2009.08	2009.16	1364.66	136.2333	261.328	135.4546	133.7983	0	88.61763	11.38237	11.38237	0	-9999	7
2009.085	2009.165	1364.665	137.8897	282.9933	136.4929	137.865	0	70.38612	29.61388	29.61388	0	-9999	7
2009.09	2009.169	1364.669	139.3112	248.7536	138.1493	136.1839	0	83.15548	16.84452	16.84452	0	-9999	7
2009.095	2009.174	1364.674	137.2346	296.6067	136.3199	138.2605	0	89.34014	10.65986	10.65986	0	-9999	7
2009.1	2009.178	1364.678	137.3087	285.4379	135.9243	135.5411	0	69.36116	30.63884	30.63884	0	-9999	7

2009.105	2009.183	1364.683	134.132	289.5327	132.1914	131.5115	0	41.89148	58.10852	58.10852	0	-9999	7
2009.11	2009.188	1364.688	131.1778	264.6588	129.2372	125.121	0	36.04512	63.95488	63.95488	0	-9999	7
2009.115	2009.192	1364.692	128.7304	268.0813	126.8145	124.2187	0	33.90386	66.09614	66.09614	0	-9999	7
2009.12	2009.197	1364.697	125.2447	293.5051	123.2422	122.1297	0	29.9237	70.0763	70.0763	0	-9999	7
2009.125	2009.201	1364.701	122.7972	256.6375	121.4005	121.2151	0	37.19769	62.80231	62.80231	0	-9999	7
2009.13	2009.206	1364.706	121.1285	281.6182	120.1273	120.1026	0	43.95134	56.04866	56.04866	0	-9999	7
2009.135	2009.21	1364.71	120.9184	305.8962	121.1656	125.084	0	69.00172	30.99828	30.99828	0	-9999	7
2009.14	2009.215	1364.715	121.3016	284.124	121.1285	122.2163	0	60.30112	39.69888	39.69888	0	-9999	7
2009.145	2009.22	1364.72	121.1038	252.9706	122.5871	124.9727	0	91.2151	8.784903	8.784903	0	-9999	7
2009.15	2009.224	1364.724	120.0779	227.837	121.2398	124.3547	0	79.02849	20.97151	20.97151	0	-9999	7
2009.155	2009.229	1364.729	116.691	259.0668	117.1731	120.1026	0	58.85755	41.14245	41.14245	0	-9999	7
2009.16	2009.233	1364.733	115.5786	265.0866	117.2473	120.0284	0	75.1836	24.8164	24.8164	0	-9999	7
2009.165	2009.238	1364.738	116.9382	224.766	117.4079	121.0296	0	56.95516	43.04484	43.04484	0	-9999	7
2009.17	2009.242	1364.742	117.445	227.73	118.6069	121.5612	0	70.18366	29.81634	29.81634	0	-9999	7
2009.175	2009.247	1364.747	118.8542	219.8462	120.2386	120.906	0	78.38294	21.61706	21.61706	0	-9999	7
2009.18	2009.252	1364.752	117.272	174.9419	117.7293	120.7577	0	54.22536	45.77464	45.77464	0	-9999	7
2009.185	2009.256	1364.756	115.0965	173.8877	116.3696	117.272	0	61.30336	38.69664	38.69664	0	-9999	7
2009.19	2009.261	1364.761	115.7269	119.4188	116.0235	114.874	2.332803	44.28041	53.38679	53.38679	0	-9999	7
2009.195	2009.265	1364.765	115.7269	98.18136	116.0977	114.6515	6.897501	43.97468	49.12782	38.47849	10.64933	-9999	7
2009.2	2009.27	1364.77	117.4203	99.52589	118.0631	119.7441	2.906673	52.6121	44.48123	44.48123	0	-9999	7
2009.205	2009.274	1364.774	116.7281	180.1214	118.4215	120.9802	0	73.73388	26.26612	26.26612	0	-9999	7
2009.21	2009.279	1364.779	119.4598	137.7839	120.2633	120.1397	0	63.98332	36.01668	36.01668	0	-9999	7
2009.215	2009.283	1364.783	118.5328	165.7441	119.5958	119.3733	0	67.71146	32.28854	32.28854	0	-9999	7
2009.22	2009.288	1364.788	119.1879	156.9741	120.5476	123.304	0	74.87215	25.12785	25.12785	0	-9999	7
2009.225	2009.293	1364.793	121.8331	138.991	122.6736	124.1198	0	72.74638	27.25362	27.25362	0	-9999	7
2009.23	2009.297	1364.797	122.2534	127.2721	123.1928	123.8355	0	75.61358	24.38642	24.38642	0	-9999	7
2009.235	2009.302	1364.802	123.5142	122.7649	123.7861	123.0074	0	65.00307	34.99693	34.99693	0	-9999	7
2009.24	2009.306	1364.806	123.0815	140.3508	123.1804	125.702	0	61.03219	38.96781	38.96781	0	-9999	7
2009.245	2009.311	1364.811	122.5253	117.4173	122.7601	124.2434	0	60.73115	39.26885	39.26885	0	-9999	7
2009.25	2009.315	1364.815	123.7614	113.2157	124.5648	124.6884	0	77.36616	22.63384	22.63384	0	-9999	7
2009.255	2009.32	1364.82	123.4276	127.8986	124.2311	125.0098	0	77.07104	22.92896	22.92896	0	-9999	7
2009.26	2009.325	1364.825	124.6637	104.0179	124.9233	125.3435	0	67.2735	32.7265	32.7265	0	-9999	7
2009.265	2009.329	1364.829	124.812	79.55654	125.2323	124.9727	2.663198	69.98026	27.35655	27.35655	0	-9999	7
2009.27	2009.334	1364.834	124.8491	76.02715	125.2447	123.8479	3.674787	69.28137	27.04384	22.69994	4.343897	-9999	7
2009.275	2009.338	1364.838	124.7008	96.40902	125.4301	125.3683	0	78.16451	21.83549	21.83549	0	-9999	7
2009.28	2009.343	1364.843	126.6785	99.11337	126.9875	126.2088	0	75.47325	24.52675	24.52675	0	-9999	7
2009.285	2009.347	1364.847	130.053	143.7426	130.8811	131.1902	0	100	0	0	0	-9999	7
2009.29	2009.352	1364.852	131.697	173.8265	132.624	132.5375	0	100	0	0	0	-9999	7
2009.295	2009.356	1364.856	130.5845	128.1277	132.1543	133.0443	0	100	0	0	0	-9999	7
2009.3	2009.361	1364.861	130.4856	169.686	130.9553	130.5721	0	100	0	0	0	-9999	7
2009.305	2009.366	1364.866	128.9158	107.3486	129.744	129.8428	0	100	0	0	0	-9999	7
2009.31	2009.37	1364.87	128.4832	123.7275	129.163	128.9282	0	95.14245	4.857547	4.857547	0	-9999	7
2009.315	2009.375	1364.875	127.8404	147.104	128.5202	127.6921	0	93.72242	6.277579	6.277579	0	-9999	7
2009.32	2009.379	1364.879	127.4572	191.0915	128.545	128.1	0	100	0	0	0	-9999	7
2009.325	2009.384	1364.884	128.718	259.953	129.3608	130.4238	0	100	0	0	0	-9999	7
2009.33	2009.388	1364.888	131.4868	186.401	131.697	132.0925	0	98.93869	1.061305	1.061305	0	-9999	7
2009.335	2009.393	1364.893	134.8119	214.9264	134.7995	133.4151	0	100	0	0	0	-9999	7
2009.34	2009.398	1364.898	136.2828	214.3764	136.2333	135.3681	0	100	0	0	0	-9999	7
2009.345	2009.402	1364.902	134.1691	171.55	134.7995	137.4447	0	100	0	0	0	-9999	7
2009.35	2009.407	1364.907	137.4447	194.789	136.6412	132.1296	0	88.00493	11.99507	11.99507	0	-9999	7
2009.355	2009.411	1364.911	131.5486	170.4958	132.0183	131.0542	0	100	0	0	0	-9999	7
2009.36	2009.416	1364.916	131.7711	203.2687	131.6104	130.1889	0	89.04315	10.95685	10.95685	0	-9999	7
2009.365	2009.42	1364.92	124.9356	191.3513	125.8256	127.0864	0	89.47976	10.52024	10.52024	0	-9999	7
2009.37	2009.425	1364.925	124.1322	185.2856	123.7243	126.0852	0	55.82805	44.17195	44.17195	0	-9999	7
2009.375	2009.43	1364.93	125.8874	173.2918	126.147	130.6957	0	76.25595	23.74405	23.74405	0	-9999	7
2009.38	2009.434	1364.934	121.796	202.3826	121.6477	120.0037	0	56.50988	43.49012	43.49012	0	-9999	7
2009.385	2009.439	1364.939	120.3869	173.796	120.0284	123.4771	0	47.20377	52.79623	52.79623	0	-9999	7
2009.39	2009.443	1364.943	126.0852	159.0214	125.8998	124.4165	0	64.82251	35.17749	35.17749	0	-9999	7
2009.395	2009.448	1364.948	125.0098	157.8908	124.4536	125.6278	0	52.83656	47.16344	47.16344	0	-9999	7
2009.4	2009.452	1364.952	126.3571	158.8228	126.32	126.592	0	69.41255	30.58745	30.58745	0	-9999	7
2009.405	2009.457	1364.957	125.0469	195.1404	125.7267	131.7217	0	84.99873	15.00127	15.00127	0	-9999	7
2009.41	2009.461	1364.961	127.074	183.8036	127.6921	129.7069	0	91.06501	8.934987	8.934987	0	-9999	7
2009.415	2009.466	1364.966	129.2866	168.9068	130.4238	132.6858	0	100	0	0	0	-9999	7
2009.42	2009.471	1364.971	128.9405	195.4154	129.744	132.7229	0	100	0	0	0	-9999	7
2009.425	2009.475	1364.975	130.0777	174.4835	131.1407	133.65	0	100	0	0	0	-9999	7
2009.43	2009.48	1364.98	127.0246	211.5345	129.2372	132.9454	0	100	0	0	0	-9999	7
2009.435	2009.484	1364.984	126.4189	170.7861	127.7539	130.5474	0	100	0	0	0	-9999	7
2009.44	2009.489	1364.989	125.5908	190.7096	126.3942	124.8244	0	90.04167	9.958333	9.958333	0	-9999	7
2009.445	2009.493	1364.993	125.2199	184.7356	126.0728	127.5685	0	89.31269	10.68731	10.68731	0	-9999	7
2009.45	2009.498	1364.998	132.5251	219.2503	133.7983	131.697	0	100	0	0	0	-9999	7
2009.455	2009.503	1365.003	134.2062	177.7073	134.9107	134.5028	0	100	0	0	0	-9999	7
2009.46	2009.507	1365.007	133.6747	184.5828	134.7995	137.2346	0	100	0	0	0	-9999	7
2009.465	2009.512	1365.012	135.4299	205.6828	135.5164	135.3805	0	100	0	0	0	-9999	7

2009.47	2009.516	1365.016	135.9985	178.0893	135.9243	134.5028	0	100	0	0	0	-9999	7
2009.475	2009.521	1365.021	137.3334	220.7171	136.2704	137.4323	0	78.38178	21.61822	21.61822	0	-9999	7
2009.48	2009.525	1365.025	135.8131	213.1083	136.085	137.6548	0	100	0	0	0	-9999	7
2009.485	2009.53	1365.03	133.8724	174.9572	134.0826	132.3644	0	100	0	0	0	-9999	7
2009.49	2009.534	1365.034	133.0196	180.8089	132.9207	129.2866	0	95.07419	4.925814	4.925814	0	-9999	7
2009.495	2009.539	1365.039	133.4275	164.7204	134.2927	134.0331	0	100	0	0	0	-9999	7
2009.5	2009.544	1365.044	140.2259	203.5132	141.363	141.5979	0	100	0	0	0	-9999	7
2009.505	2009.548	1365.048	134.5152	165.2093	135.2939	136.5794	0	100	0	0	0	-9999	7
2009.51	2009.553	1365.053	130.2137	199.9227	130.7328	130.3126	0	100	0	0	0	-9999	7
2009.515	2009.557	1365.057	133.0566	253.6428	132.0801	130.2631	0	69.7669	30.2331	30.2331	0	-9999	7
2009.52	2009.562	1365.062	125.2447	236.4542	124.7379	124.6884	0	59.89115	40.10885	40.10885	0	-9999	7
2009.525	2009.566	1365.066	121.9938	243.8033	120.6835	118.7182	0	36.88813	63.11187	63.11187	0	-9999	7
2009.53	2009.571	1365.071	115.628	304.1239	114.1447	110.0904	0	30.80764	69.19236	69.19236	0	-9999	5
2009.535	2009.576	1365.076	106.889	349.2421	105.7641	100.8817	0	30.61085	69.38915	69.38915	0	-9999	5
2009.54	2009.58	1365.08	105.554	325.5447	102.8717	103.1313	0	15.30303	84.69697	84.69697	0	-9999	5
2009.545	2009.585	1365.085	102.1672	226.1563	101.2772	98.55783	0	20.83581	79.16419	79.16419	0	-9999	5
2009.55	2009.589	1365.089	105.8507	375.491	103.9471	103.3785	0	25.03227	74.96773	74.96773	0	-9999	5
2009.555	2009.594	1365.094	111.1163	315.7816	111.2029	108.125	0	45.91113	54.08887	54.08887	0	-9999	5
2009.56	2009.598	1365.098	113.1929	336.8968	112.167	107.7913	0	36.5839	63.4161	63.4161	0	-9999	5
2009.565	2009.603	1365.103	120.8319	467.0567	122.0309	119.0396	0	98.68794	1.312065	1.312065	0	-9999	5
2009.57	2009.607	1365.107	125.0469	520.8074	128.6562	128.0258	0	100	0	0	0	-9999	5
2009.575	2009.612	1365.112	132.7971	523.2978	136.4682	141.9564	0	100	0	0	0	-9999	5
2009.58	2009.617	1365.117	134.6388	357.7829	135.6895	132.8836	0	100	0	0	0	-9999	5
2009.585	2009.621	1365.121	134.9231	557.9653	138.5448	146.4186	0	100	0	0	0	-9999	5
2009.59	2009.626	1365.126	137.8773	478.1338	139.9416	149.4964	0	100	0	0	0	-9999	5
2009.595	2009.63	1365.13	146.5916	389.3336	147.1231	153.8597	0	100	0	0	0	-9999	5
2009.6	2009.635	1365.135	138.6808	449.2722	136.1592	134.9107	0	35.93708	64.06292	64.06292	0	-9999	5
2009.605	2009.639	1365.139	139.0269	348.249	137.7043	132.9948	0	81.58151	18.41849	18.41849	0	-9999	5
2009.61	2009.644	1365.144	134.0084	388.2029	133.1679	133.1679	0	86.65261	13.34739	13.34739	0	-9999	5
2009.615	2009.649	1365.149	130.1148	461.266	130.7823	133.6252	0	100	0	0	0	-9999	5
2009.62	2009.653	1365.153	127.6921	574.9553	127.6797	128.273	0	100	0	0	0	-9999	5
2009.625	2009.658	1365.158	131.6104	650.7838	130.9182	131.0048	0	100	0	0	0	-9999	5
2009.63	2009.662	1365.162	127.8404	442.5953	127.8651	124.948	0	95.39462	4.60538	4.60538	0	-9999	5
2009.635	2009.667	1365.167	126.7403	384.3985	126.4684	122.6736	0	79.8841	20.1159	20.1159	0	-9999	5
2009.64	2009.671	1365.171	116.9382	359.4788	117.0248	116.5674	0	59.87458	40.12542	40.12542	0	-9999	5
2009.645	2009.676	1365.176	112.7727	291.4119	111.2523	107.4452	0	27.07384	72.92616	72.92616	0	-9999	5
2009.65	2009.681	1365.181	104.7011	323.7418	101.2896	98.0016	0	9.729193	90.27081	90.27081	0	-9999	5
2009.655	2009.685	1365.185	104.7135	259.4182	102.7976	95.62834	0	16.67562	83.32438	83.32438	0	-9999	5
2009.66	2009.69	1365.19	102.0806	241.0531	99.74446	96.76553	5.856334	11.69575	82.44792	74.40793	8.039986	-9999	5
2009.665	2009.694	1365.194	106.3575	281.0529	102.8717	98.58256	1.150709	5.907357	92.94193	92.69244	0.249495	-9999	5
2009.67	2009.699	1365.199	112.5131	236.3778	109.4971	104.8	2.658659	6.151315	91.19003	91.19003	0	-9999	5
2009.675	2009.703	1365.203	118.0136	262.5503	115.4055	111.8827	0	13.28903	86.71097	86.71097	0	-9999	5
2009.68	2009.708	1365.208	115.7022	239.2502	115.2201	113.2424	0	40.7359	59.2641	59.2641	0	-9999	5
2009.685	2009.712	1365.212	110.8815	414.0852	110.2511	118.1002	0	43.86445	56.13555	56.13555	0	-9999	5
2009.69	2009.717	1365.217	109.1757	343.6806	109.151	114.6021	0	43.57922	56.42078	56.42078	0	-9999	5
2009.695	2009.722	1365.222	107.1733	300.7014	107.816	110.1398	0	44.58447	55.41553	55.41553	0	-9999	5
2009.7	2009.726	1365.226	110.4859	280.5793	106.9137	103.6381	0	3.879771	96.12023	96.12023	0	-9999	5
2009.705	2009.731	1365.231	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2010	2010	1365.5	133.8601	151.4584	133.687	133.1926	0	94.26568	5.734323	5.734323	0	-9999	-9999
2010.005	2010.005	1365.505	132.7847	194.132	134.2309	135.8378	0	100	0	0	0	-9999	-9999
2010.01	2010.01	1365.51	133.5016	254.0706	135.7142	140.436	0	100	0	0	0	-9999	-9999
2010.015	2010.015	1365.515	128.3472	365.3917	131.3138	138.3099	0	100	0	0	0	-9999	-9999
2010.02	2010.02	1365.52	127.6056	388.3252	129.4102	134.1815	0	100	0	0	0	-9999	-9999
2010.025	2010.025	1365.525	131.0666	364.3222	133.2544	140.9428	0	100	0	0	0	-9999	-9999
2010.03	2010.03	1365.53	132.5746	362.2749	135.1827	143.0317	0	100	0	0	0	-9999	-9999
2010.035	2010.035	1365.535	126.3324	324.7349	128.4461	132.7723	0	100	0	0	0	-9999	-9999
2010.04	2010.04	1365.54	120.6959	338.8678	121.1038	109.6207	0	73.73565	26.26435	26.26435	0	-9999	-9999
2010.045	2010.045	1365.545	120.6959	260.0141	119.2373	110.7455	0	33.5422	66.4578	66.4578	0	-9999	-9999
2010.05	2010.05	1365.55	121.0914	193.7806	120.1026	118.0383	0	38.19127	61.80873	61.80873	0	-9999	-9999
2010.055	2010.055	1365.555	119.2497	180.977	117.3585	111.8827	1.150579	19.43722	79.4122	79.4122	0	-9999	-9999
2010.06	2010.06	1365.56	121.6971	135.4768	120.733	116.6787	2.725314	35.74841	61.52628	58.86426	2.662023	-9999	-9999
2010.065	2010.065	1365.565	124.8244	256.8972	123.7737	127.7292	0	47.86186	52.13814	52.13814	0	-9999	-9999
2010.07	2010.07	1365.57	126.7032	330.9076	131.2025	141.3136	0	100	0	0	0	-9999	-9999
2010.075	2010.075	1365.575	130.8688	280.289	135.7266	141.9687	0	100	0	0	0	-9999	-9999
2010.08	2010.08	1365.58	128.7427	383.7721	136.4064	142.7351	0	100	0	0	0	-9999	-9999
2010.085	2010.085	1365.585	128.9158	339.7387	132.7847	137.5312	0	100	0	0	0	-9999	-9999
2010.09	2010.09	1365.59	129.6698	285.2699	133.3162	138.4459	0	100	0	0	0	-9999	-9999
2010.095	2010.095	1365.595	127.1111	241.4962	128.5821	131.3261	0	100	0	0	0	-9999	-9999
2010.1	2010.1	1365.6	130.4732	183.6355	129.5462	129.3608	0	59.16642	40.83358	40.83358	0	-9999	-9999
2010.105	2010.105	1365.605	128.3843	227.7453	128.0258	128.1741	0	72.21777	27.78223	27.78223	0	-9999	-9999
2010.11	2010.11	1365.61	127.0493	209.8844	126.4313	124.3176	0	60.15223	39.84777	39.84777	0	-9999	-9999
2010.115	2010.115	1365.615	130.5227	175.5378	130.1642	130.671	0	76.01123	23.98877	23.98877	0	-9999	-9999
2010.12	2010.12	1365.62	128.7057	270.4189	128.2978	129.8923	0	74.7606	25.2394	25.2394	0	-9999	-9999

2010.125	2010.125	1365.625	119.7565	405.3152	118.9778	110.795	0	54.00977	45.99023	45.99023	0	-9999	-9999
2010.13	2010.13	1365.63	115.1583	415.2922	111.0545	102.0436	0	4.737984	95.26202	95.26202	0	-9999	3
2010.135	2010.135	1365.635	107.2227	317.5081	103.2055	98.80505	0	3.837079	96.16292	96.16292	0	-9999	3
2010.14	2010.14	1365.64	107.5812	204.5827	105.9866	103.4527	3.873952	17.00851	79.11754	79.11754	0	-9999	3
2010.145	2010.145	1365.645	112.3401	227.2717	111.0669	108.0509	0	25.32542	74.67458	74.67458	0	-9999	3
2010.15	2010.15	1365.65	109.4106	188.1886	107.952	108.9408	5.104539	18.34839	76.54707	75.52847	1.0186	-9999	3
2010.155	2010.155	1365.655	108.2734	229.5635	106.0979	104.491	1.694174	13.64202	84.66381	84.66381	0	-9999	3
2010.16	2010.16	1365.66	106.4069	221.1602	103.6257	103.2055	10.13892	7.505448	82.35563	55.30867	27.04697	29.62178	3
2010.165	2010.165	1365.665	110.1275	312.0688	109.3611	105.3933	0	34.60945	65.39055	65.39055	0	-9999	3
2010.17	2010.17	1365.67	106.3327	282.3211	106.3822	106.6912	0	36.37063	63.62937	63.62937	0	-9999	3
2010.175	2010.175	1365.675	106.5676	213.6125	107.5564	103.3291	0	41.15337	58.84663	58.84663	0	-9999	3
2010.18	2010.18	1365.68	99.99168	213.1694	98.71852	95.82611	6.287621	16.08864	77.62374	77.62374	0	-9999	3
2010.185	2010.185	1365.685	100.6839	210.3122	98.33534	96.34526	14.67644	9.312224	76.01133	57.69748	18.31385	28.90796	3
2010.19	2010.19	1365.69	99.01518	200.2283	97.01274	91.42569	15.96969	10.39522	73.63509	53.07276	20.56233	29.33545	3
2010.195	2010.195	1365.695	100.6715	257.6459	97.44537	92.36511	10.03457	7.126611	82.83882	68.39982	14.439	29.78954	8
2010.2	2010.2	1365.7	103.0077	232.879	102.4515	97.92744	0	24.42069	75.57931	75.57931	0	-9999	8
2010.205	2010.205	1365.705	99.71974	356.7592	96.39471	89.02771	0	13.3581	86.6419	86.6419	0	-9999	8
2010.21	2010.21	1365.71	109.2993	262.1989	111.6478	118.9036	0	65.54794	34.45206	34.45206	0	-9999	8
2010.215	2010.215	1365.715	113.4525	169.4415	114.7998	116.8764	0	57.51759	42.48241	42.48241	0	-9999	8
2010.22	2010.22	1365.72	108.6195	234.3152	110.2264	113.8975	0	53.21662	46.78338	46.78338	0	-9999	8
2010.225	2010.225	1365.725	110.5972	197.5239	111.8333	114.8246	0	50.84491	49.15509	49.15509	0	-9999	8
2010.23	2010.23	1365.73	114.6762	182.3063	117.0495	118.8171	0	77.7769	22.2231	22.2231	0	-9999	8
2010.235	2010.235	1365.735	114.9976	201.3436	118.4957	121.3016	0	99.03849	0.961512	0.961512	0	-9999	8
2010.24	2010.24	1365.74	113.4896	230.3274	116.6663	117.5686	0	89.12988	10.87012	10.87012	0	-9999	8
2010.245	2010.245	1365.745	96.45651	276.7443	95.26988	90.77057	0	19.2727	80.7273	80.7273	0	-9999	8
2010.25	2010.25	1365.75	96.74081	252.0386	94.36755	93.46521	8.397895	11.44401	80.1581	64.67668	15.48141	28.65502	8
2010.255	2010.255	1365.755	91.99429	296.0872	86.7657	82.0439	24.23371	3.115841	72.65045	34.27633	38.37411	27.12687	8
2010.26	2010.26	1365.76	92.37747	214.0097	89.1266	85.54198	28.41664	4.85204	66.73132	41.63066	25.10066	27.88142	3
2010.265	2010.265	1365.765	94.5406	355.3536	90.25142	84.54077	0.268181	9.75167	89.98015	89.98015	0	-9999	3
2010.27	2010.27	1365.77	94.05853	155.9657	92.67413	90.99307	26.45158	9.210596	64.33783	36.32666	28.01116	28.18783	3
2010.275	2010.275	1365.775	89.73227	140.1216	89.75699	90.11546	23.3453	12.39511	64.25959	47.02516	17.23443	27.74747	3
2010.28	2010.28	1365.78	91.36389	209.7622	89.93004	89.27493	16.29507	11.79566	71.90928	41.43183	30.47745	27.69795	3
2010.285	2010.285	1365.785	93.81131	191.611	92.95842	90.44919	13.93362	14.04722	72.01915	56.24291	15.77625	28.52178	3
2010.29	2010.29	1365.79	101.9076	187.058	99.96696	97.32176	16.01691	10.6852	73.29789	43.49542	29.80247	29.05116	3
2010.295	2010.295	1365.795	98.10049	132.6197	97.23524	96.6172	24.35928	12.17181	63.46891	42.41766	21.05124	28.29134	3
2010.3	2010.3	1365.8	96.56776	142.2912	96.66664	95.20808	15.95684	17.42459	66.61858	41.71404	24.90454	28.47989	3
2010.305	2010.305	1365.805	97.12399	99.81619	97.14871	97.04983	26.29882	14.56478	59.1364	27.32856	31.80784	28.22232	3
2010.31	2010.31	1365.81	91.75943	66.50848	91.32681	89.17604	42.83912	6.550362	50.61052	23.99606	26.61446	29.80015	3
2010.315	2010.315	1365.815	88.0883	78.83844	87.8658	88.17482	41.60419	6.471705	51.92411	22.50474	29.41937	28.93916	3
2010.32	2010.32	1365.82	85.71503	72.80333	84.97339	85.4431	49.2715	3.350339	47.37816	27.24406	20.1341	29.7186	3
2010.325	2010.325	1365.825	92.25386	57.7843	91.69763	89.93004	45.45345	5.655619	48.89093	18.70556	30.18537	30.14454	3
2010.33	2010.33	1365.83	89.49742	80.82468	89.38617	89.75699	38.96496	7.718229	53.31681	33.5149	19.80191	28.73902	3
2010.335	2010.335	1365.835	97.03746	107.3333	95.76431	93.72479	34.61782	7.612753	57.76943	27.74035	30.02908	29.04648	3
2010.34	2010.34	1365.84	89.93004	141.1911	87.29721	84.4666	43.50059	2.317026	54.18238	31.63703	22.54535	29.0852	3
2010.345	2010.345	1365.845	88.81758	137.0658	87.26013	86.4814	37.18815	5.768101	57.04375	24.51317	32.53058	28.15188	3
2010.35	2010.35	1365.85	106.7406	209.3955	104.8	103.4527	6.164818	13.84917	79.98602	69.34858	10.63744	-9999	3
2010.355	2010.355	1365.855	104.5281	458.6075	100.6344	103.3785	0	15.43719	84.56281	84.56281	0	-9999	3
2010.36	2010.36	1365.86	108.4835	556.9722	107.8778	105.0472	0	51.05687	48.94313	48.94313	0	-9999	3
2010.365	2010.365	1365.865	110.9062	402.6108	113.811	115.5909	0	87.15263	12.84737	12.84737	0	-9999	3
2010.37	2010.37	1365.87	105.7518	290.541	104.2314	105.1461	0	22.45487	77.54513	77.54513	0	-9999	3
2010.375	2010.375	1365.875	101.5615	148.2499	100.6839	100.1029	17.48845	15.25944	67.25212	41.94351	25.30861	28.42854	3
2010.38	2010.38	1365.88	93.26744	141.2828	92.74829	90.31323	24.02694	11.97451	63.99855	44.32574	19.67281	28.37343	3
2010.385	2010.385	1365.885	94.99794	227.1342	93.04495	91.84596	12.77114	11.56096	75.66791	62.08734	13.58057	28.24384	3
2010.39	2010.39	1365.89	97.04983	279.2195	94.02145	91.6111	6.612984	9.952126	83.43489	74.1786	9.256285	-9999	3
2010.395	2010.395	1365.895	103.465	237.3404	102.2908	100.5603	0	20.31335	79.68665	79.68665	0	-9999	3
2010.4	2010.4	1365.9	100.7457	296.347	95.35641	90.31323	17.36491	0	82.63509	54.24704	28.38805	25.70488	3
2010.405	2010.405	1365.905	103.7246	417.5076	101.0423	93.81131	0	21.39438	78.60562	78.60562	0	-9999	3
2010.41	2010.41	1365.91	109.4476	252.2219	108.4341	105.5787	0	27.26635	72.73365	72.73365	0	-9999	3
2010.415	2010.415	1365.915	98.94102	126.8291	98.76797	98.58256	19.62277	16.62036	63.75687	47.00381	16.75305	28.18594	3
2010.42	2010.42	1365.92	88.26135	112.8643	88.31079	89.50978	31.10323	9.873555	59.02322	28.25801	30.76521	27.80528	3
2010.425	2010.425	1365.925	98.96574	112.7573	98.08813	97.87799	28.46574	11.25061	60.28365	43.67293	16.61072	28.39925	3
2010.43	2010.43	1365.93	102.9583	142.0773	102.538	102.1424	14.15276	19.29833	66.54891	41.44563	25.10328	28.40978	3
2010.435	2010.435	1365.935	97.09927	272.2982	95.99916	93.67535	0	19.73473	80.26527	80.26527	0	-9999	3
2010.44	2010.44	1365.94	117.3091	195.828	116.8394	117.2349	0	40.72647	59.27353	59.27353	0	-9999	3
2010.445	2010.445	1365.945	106.1473	130.6793	105.6035	103.7864	14.93508	20.4724	64.59252	37.84548	26.74704	28.57847	3
2010.45	2010.45	1365.95	98.2859	138.3187	96.50595	97.60606	29.89843	7.307248	62.79432	32.0734	30.72092	28.18882	3
2010.455	2010.455	1365.955	97.77911	234.1471	96.679	94.14505	1.905432	17.48298	80.61158	80.61158	0	-9999	3
2010.46	2010.46	1365.96	101.8334	155.9657	100.721	97.60606	17.19117	14.29331	68.51552	49.41223	19.1033	28.95564	3
2010.465	2010.465	1365.965	100.1771	179.2199	98.54547	94.80017	17.11088	11.59632	71.29281	52.6871	18.60571	29.04861	3
2010.47	2010.47	1365.97	110.0657	139.8466	110.1398	113.6008	4.321937	32.22751	63.45056	63.45056	0	-9999	3
2010.475	2010.475	1365.975	99.63322	176.3781	100.5726	103.2302	0	28.11596	71.88404	71.88404	0	-9999	3
2010.48	2010.48	1365.98	98.50839	123.4219	99.01518	101.8087	15.57656	20.3813	64.04214	45.70195	18.3402	27.68498	3
2010.485	2010.485	1365.985	89.70755	108.5709	89.00299	89.85588	36.65524	7.332314	56.01244	20.03281	35.97964	28.20626	3

2010.49	2010.49	1365.99	91.07959	176.6531	89.71991	85.36893	23.99425	9.782845	66.22291	48.35332	17.86959	28.30867	3
2010.495	2010.495	1365.995	100.9187	204.8119	100.3254	101.8952	2.188481	20.61275	77.19877	77.19877	0	-9999	3
2010.5	2010.5	1366	103.8977	280.5182	102.4267	101.4379	0	21.19807	78.80193	78.80193	0	-9999	3
2010.505	2010.505	1366.005	96.48123	290.266	93.89784	91.47514	1.014182	12.9324	86.05342	86.05342	0	-9999	3
2010.51	2010.51	1366.01	85.18352	272.5274	82.42708	79.96729	17.04197	10.66522	72.29281	56.63664	15.65618	26.56205	3
2010.515	2010.515	1366.015	80.79546	238.1043	77.24793	73.41611	35.54028	6.52628	57.93343	32.52824	25.4052	26.20057	3
2010.52	2010.52	1366.02	83.05748	174.1321	82.27875	84.61493	27.48228	9.284958	63.23277	41.03291	22.19986	26.48256	3
2010.525	2010.525	1366.025	88.74341	422.7788	82.77318	79.75716	2.312901	10.8231	86.864	81.51066	5.353342	-9999	3
2010.53	2010.53	1366.03	107.8655	435.231	106.4316	103.2055	0	34.2414	65.7586	65.7586	0	-9999	3
2010.535	2010.535	1366.035	104.2809	437.37	100.9435	95.81375	0	18.01348	81.98652	81.98652	0	-9999	3
2010.54	2010.54	1366.04	98.26118	293.8871	96.30818	94.15741	0	16.81634	83.18366	83.18366	0	-9999	3
2010.545	2010.545	1366.045	104.5033	359.983	104.219	104.9731	0	36.56912	63.43088	63.43088	0	-9999	3
2010.55	2010.55	1366.05	108.8914	419.6466	110.1893	112.031	0	62.8171	37.1829	37.1829	0	-9999	3
2010.555	2010.555	1366.055	109.0768	340.8082	107.4699	106.2338	0	26.95097	73.04903	73.04903	0	-9999	3
2010.56	2010.56	1366.06	110.5725	364.2611	110.7084	108.2981	0	48.88366	51.11634	51.11634	0	-9999	3
2010.565	2010.565	1366.065	117.9642	258.1806	118.7429	112.303	0	67.16334	32.83666	32.83666	0	-9999	3
2010.57	2010.57	1366.07	112.2659	358.9899	110.6219	107.8655	0	29.81338	70.18662	70.18662	0	-9999	3
2010.575	2010.575	1366.075	101.512	434.2837	99.36128	91.52458	0	25.86052	74.13948	74.13948	0	-9999	3
2010.58	2010.58	1366.08	92.27858	414.4213	88.59509	82.93387	0	16.70327	83.29673	83.29673	0	-9999	3
2010.585	2010.585	1366.085	101.6604	354.0396	98.13757	91.8336	0	11.6635	88.3365	88.3365	0	-9999	3
2010.59	2010.59	1366.09	93.92256	352.0992	89.34909	87.13652	3.827634	8.576558	87.59581	78.89258	8.703226	-9999	3
2010.595	2010.595	1366.095	100.7086	326.9045	97.55662	95.34404	0	12.24366	87.75634	87.75634	0	-9999	3
2010.6	2010.6	1366.1	100.4119	454.8184	93.68771	90.36267	0	1.472574	98.52743	98.52743	0	-9999	3
2010.605	2010.605	1366.105	103.8111	407.2708	97.61842	89.83116	0	0	100	100	0	-9999	3
2010.61	2010.61	1366.11	106.8519	331.259	103.3414	102.9706	0	8.970369	91.02963	91.02963	0	-9999	3
2010.615	2010.615	1366.115	104.0954	282.5503	100.6592	97.70494	2.486227	6.897605	90.61617	90.61617	0	-9999	3
2010.62	2010.62	1366.12	105.9125	341.0068	103.2055	101.03	0	16.17295	83.82705	83.82705	0	-9999	3
2010.625	2010.625	1366.125	111.0298	408.3556	107.6801	100.1029	0	14.52295	85.47705	85.47705	0	-9999	3
2010.63	2010.63	1366.13	111.4006	407.6681	109.8185	102.2908	0	33.21091	66.78909	66.78909	0	-9999	3
2010.635	2010.635	1366.135	115.0347	306.1254	111.9569	108.9038	0	9.85017	90.14983	90.14983	0	-9999	3
2010.64	2010.64	1366.14	115.8011	287.2256	114.0582	108.3723	0	26.23134	73.76866	73.76866	0	-9999	3
2010.645	2010.645	1366.145	114.4661	247.7299	112.2412	108.7307	0	16.47707	83.52293	83.52293	0	-9999	3
2010.65	2010.65	1366.15	112.8221	192.9556	112.9457	114.0211	0	41.00457	58.99543	58.99543	0	-9999	3
2010.655	2010.655	1366.155	117.6552	218.4864	116.7034	114.6391	0	35.21363	64.78637	64.78637	0	-9999	3
2010.66	2010.66	1366.16	118.6317	247.6688	115.8134	111.9321	0	9.223653	90.77635	90.77635	0	-9999	3
2010.665	2010.665	1366.165	120.0284	256.2708	120.0902	126.5054	0	59.73443	40.26557	40.26557	0	-9999	3
2010.67	2010.67	1366.17	121.9814	214.6209	122.5747	125.4919	0	73.14362	26.85638	26.85638	0	-9999	3
2010.675	2010.675	1366.175	126.6909	133.0017	127.4078	129.917	0	88.63683	11.36317	11.36317	0	-9999	3
2010.68	2010.68	1366.18	128.5573	136.3783	130.9924	136.394	0	100	0	0	0	-9999	3
2010.685	2010.685	1366.185	128.9158	141.2064	130.5721	136.6907	0	100	0	0	0	-9999	3
2010.69	2010.69	1366.19	128.5697	149.625	129.0641	133.2173	0	91.87458	8.12542	8.12542	0	-9999	3
2010.695	2010.695	1366.195	126.0605	192.3291	124.6637	122.6736	0	37.79702	62.20298	62.20298	0	-9999	6
2010.7	2010.7	1366.2	124.3794	87.18065	123.6378	122.3522	10.22097	42.36931	47.40972	40.48611	6.923607	25.59796	6
2010.705	2010.705	1366.205	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2011.005	2011.005	1366.505	92.41455	36.74544	91.74707	90.12782	51.25918	3.811187	44.92963	22.4731	22.45653	31.1737	6
2011.01	2011.01	1366.51	94.9485	67.68494	94.8867	92.92134	36.7466	10.30721	52.94619	22.56988	30.37631	29.234	6
2011.015	2011.015	1366.515	95.88792	72.58943	97.06219	98.45895	25.11589	18.34889	56.53523	39.72918	16.80604	27.92589	6
2011.02	2011.02	1366.52	97.34648	117.8451	97.87799	97.19815	17.8035	19.02458	63.17192	42.65694	20.51498	28.27354	6
2011.025	2011.025	1366.525	92.77301	87.19593	90.94362	89.73227	47.72517	2.203587	50.07124	28.69538	21.37586	30.14999	6
2011.03	2011.03	1366.53	92.16734	60.93173	90.69641	88.40967	51.86026	1.821857	46.31789	25.36545	20.95243	31.18662	6
2011.035	2011.035	1366.535	100.2142	200.3505	96.09805	92.20442	31.2181	0	68.7819	40.99173	27.79017	26.8764	6
2011.04	2011.04	1366.54	101.8829	80.85524	101.3019	102.8841	31.20319	13.06586	55.73095	37.88781	17.84314	28.25187	6
2011.045	2011.045	1366.545	98.43423	68.47944	98.16229	96.30818	34.97599	11.66393	53.36008	25.00815	28.35194	29.12003	6
2011.05	2011.05	1366.55	99.84335	96.57709	98.64436	97.43301	34.06464	8.618229	57.31713	29.64796	27.66917	29.0221	6
2011.055	2011.055	1366.555	101.0671	68.40304	100.585	101.0671	34.2008	12.2934	53.50581	20.19264	33.31317	28.66726	6
2011.06	2011.06	1366.56	105.0472	103.2386	105.7641	104.1943	12.81666	28.6724	58.51094	35.62462	22.88632	28.06892	6
2011.065	2011.065	1366.565	108.4341	118.4105	108.0262	108.6566	14.74659	23.40354	61.84987	47.8324	14.01747	27.88916	6
2011.07	2011.07	1366.57	105.9496	127.3027	105.1214	104.4415	18.13747	17.53137	64.33116	35.02887	29.30229	28.40817	6
2011.075	2011.075	1366.575	94.89906	87.99042	94.98558	96.24638	30.72861	12.42737	56.84402	25.30067	31.54335	28.13946	6
2011.08	2011.08	1366.58	97.48245	203.5132	95.91264	87.08708	13.232	12.63353	74.13446	46.79591	27.33855	29.92452	7
2011.085	2011.085	1366.585	105.1832	226.8439	103.428	103.6875	1.938238	15.94121	82.12056	82.12056	0	-9999	7
2011.09	2011.09	1366.59	110.2634	250.4496	107.9644	109.0274	0	14.43708	85.56292	85.56292	0	-9999	7
2011.095	2011.095	1366.595	109.5712	262.9629	106.3822	102.3031	0.27272	6.56358	93.1637	93.1637	0	-9999	7
2011.1	2011.1	1366.6	105.8877	160.2284	104.627	101.9941	13.57915	15.94688	70.47397	55.55945	14.91452	29.14102	7
2011.105	2011.105	1366.605	98.24882	120.9467	96.679	94.56532	32.50803	7.329683	60.16229	32.59703	27.56526	28.95739	7
2011.11	2011.11	1366.61	95.5789	127.7152	93.77423	91.79651	35.1465	5.712245	59.14126	40.46584	18.67541	28.87963	7
2011.115	2011.115	1366.615	96.29582	101.8941	95.82611	94.02145	30.38971	11.29525	58.31505	30.85372	27.46133	28.68466	7
2011.12	2011.12	1366.62	98.68144	118.1507	97.91508	96.62956	26.55993	12.13129	61.30877	26.25284	35.05593	28.49448	7
2011.125	2011.125	1366.625	99.89279	115.9353	98.9163	98.38478	27.61015	11.37767	61.01218	31.84879	29.1634	28.45875	7
2011.13	2011.13	1366.63	97.40829	116.4242	96.03625	93.39105	32.84304	7.829094	59.32787	38.02918	21.29869	29.02216	7
2011.135	2011.135	1366.635	97.22288	109.8849	95.60362	93.19328	36.51204	5.954013	57.53395	34.7324	22.80154	29.28202	7
2011.14	2011.14	1366.64	94.83725	114.6366	93.14383	90.94362	38.13168	5.180488	56.68784	31.10847	25.57937	29.17451	7
2011.145	2011.145	1366.645	91.98193	88.37239	90.83238	89.8806	42.89951	4.994658	52.10584	17.8048	34.30103	29.40697	7

2011.15	2011.15	1366.65	88.50856	78.04395	87.90288	86.4196	44.37948	5.173015	50.44751	34.74623	15.70128	29.56977	7
2011.155	2011.155	1366.655	85.80156	88.81548	84.49132	83.09456	49.72356	2.649772	47.62667	25.67171	21.95496	29.8867	7
2011.16	2011.16	1366.66	83.73732	42.19996	83.40358	83.67551	55.33576	1.878223	42.78602	25.70924	17.07678	31.01083	6
2011.165	2011.165	1366.665	82.71138	36.28707	82.42708	81.6978	57.32736	1.267313	41.40533	24.70317	16.70216	31.58312	6
2011.17	2011.17	1366.67	82.76082	60.85533	81.24045	79.23801	60.91592	0	39.08408	10.8636	28.22048	31.45075	6
2011.175	2011.175	1366.675	82.36528	38.48722	81.7596	80.85727	59.60403	0.412286	39.98369	9.992937	29.99075	31.98158	6
2011.18	2011.18	1366.68	82.72374	41.03877	82.77318	82.09334	53.5796	2.545061	43.87534	30.48664	13.38871	30.87222	6
2011.185	2011.185	1366.685	83.03276	44.96541	83.35414	83.40358	50.23755	3.731637	46.03082	25.16134	20.86948	30.20717	6
2011.19	2011.19	1366.69	81.03032	63.9722	80.16507	78.10082	56.67653	1.096916	42.22655	30.60906	11.61749	31.13754	6
2011.195	2011.195	1366.695	81.37642	39.69424	80.437	79.23801	62.80816	0	37.19184	21.91556	15.27628	31.69847	6
2011.2	2011.2	1366.7	79.84369	37.9983	79.31218	79.16385	61.46743	0	38.53257	24.36912	14.16345	31.88318	6
2011.205	2011.205	1366.705	78.58289	34.53002	78.87955	79.7448	57.04838	1.233866	41.71776	19.1022	22.61556	31.06695	6
2011.21	2011.21	1366.71	79.23801	67.63911	79.36162	79.89313	49.77441	3.276718	46.94887	16.5333	30.41557	29.50061	6
2011.215	2011.215	1366.715	81.43822	56.71479	81.10448	81.46294	53.93834	2.094591	43.96707	15.39973	28.56734	30.4062	6
2011.22	2011.22	1366.72	79.84369	21.75697	79.25037	78.26151	65.87681	0	34.12319	21.63188	12.49131	31.55473	6
2011.225	2011.225	1366.725	81.57419	71.47408	79.23801	77.42098	65.7604	0	34.2396	12.97454	21.26506	30.09184	6
2011.23	2011.23	1366.73	79.53467	61.72622	78.96608	78.0761	56.29696	1.301752	42.40129	26.90658	15.49471	30.80447	6
2011.235	2011.235	1366.735	82.98331	60.21362	81.57419	81.20337	60.00436	0	39.99564	16.72576	23.26988	31.40763	6
2011.24	2011.24	1366.74	85.17116	111.1378	82.64957	79.69536	54.28951	0.439253	45.27124	28.45672	16.81452	30.43748	6
2011.245	2011.245	1366.745	81.96973	64.33889	80.64714	77.51987	59.26797	0.154019	40.57801	11.13916	29.43885	31.85205	6
2011.25	2011.25	1366.75	81.8214	39.32755	80.63477	78.58289	64.40343	0	35.59657	8.787549	26.80903	31.45684	6
2011.255	2011.255	1366.755	80.86963	57.494	79.54703	78.11319	61.93653	0	38.06347	22.58219	15.48128	31.39105	6
2011.26	2011.26	1366.76	82.58777	85.88195	80.437	77.06252	59.90427	0	40.09573	26.45004	13.6457	31.0763	6
2011.265	2011.265	1366.765	80.64714	71.18378	78.57053	75.19605	64.67183	0	35.32817	8.99648	26.33169	30.78844	6
2011.27	2011.27	1366.77	84.41716	139.0673	81.8214	79.3987	48.79901	2.085857	49.11514	28.41962	20.69552	29.03737	6
2011.275	2011.275	1366.775	88.63217	171.2597	88.02649	89.39853	21.70754	11.51409	66.77837	50.16623	16.61214	27.22804	6
2011.28	2011.28	1366.78	97.51953	179.0366	98.85449	99.0399	0	28.38683	71.61317	71.61317	0	-9999	6
2011.285	2011.285	1366.785	94.21922	134.1017	95.45529	94.45407	11.28613	21.11891	67.59496	44.21321	23.38175	28.70387	6
2011.29	2011.29	1366.79	95.51709	120.6259	95.38113	97.32176	23.98656	13.87513	62.1383	37.8086	24.32971	27.72973	6
2011.295	2011.295	1366.795	93.60118	105.286	93.73715	93.09439	27.35395	12.93045	59.7156	26.66131	33.0543	28.27269	6
2011.3	2011.3	1366.8	95.88792	125.1026	94.77545	94.6642	30.12991	9.184393	60.6857	26.82243	33.86327	28.269	6
2011.305	2011.305	1366.805	92.97078	116.4853	91.79651	84.51604	35.37802	7.136764	57.48522	40.81119	16.67403	29.74335	6
2011.31	2011.31	1366.81	97.27232	80.91635	96.85205	94.75073	34.18476	10.78798	55.02726	28.62611	26.40115	29.06385	6
2011.315	2011.315	1366.815	101.2154	126.2026	100.4614	99.01518	22.18434	14.40291	63.41275	38.7961	24.61665	28.50327	6
2011.32	2011.32	1366.82	95.44293	116.0422	94.3181	90.1649	32.82769	8.317112	58.8552	37.59544	21.25976	29.16719	6
2011.325	2011.325	1366.825	88.42204	59.43441	86.72861	86.14766	57.39261	0	42.60739	21.68897	20.91842	31.54806	6
2011.33	2011.33	1366.83	83.88565	55.87445	81.90793	80.44936	64.63089	0	35.36911	25.45119	9.917913	30.36102	6
2011.335	2011.335	1366.835	79.23801	54.89661	77.65584	76.49393	66.07789	0	33.92211	19.16518	14.75693	30.70798	6
2011.34	2011.34	1366.84	74.39261	17.37196	74.07123	72.93404	69.84548	0	30.15452	20.27264	9.881885	30.85194	6
2011.345	2011.345	1366.845	77.26029	16.19549	76.98836	76.7535	67.10872	0	32.89128	13.77733	19.11394	31.21692	6
2011.35	2011.35	1366.85	80.04146	79.55654	77.27266	75.72756	68.5674	0	31.4326	23.22419	8.208407	29.70091	6
2011.355	2011.355	1366.855	88.57036	116.7298	86.28363	85.59143	47.98886	1.791489	50.21966	25.51383	24.70583	29.36955	6
2011.36	2011.36	1366.86	89.97949	104.7971	89.8806	88.64453	32.62435	9.637485	57.73817	31.71952	26.01865	28.4362	6
2011.365	2011.365	1366.865	88.44676	190.5415	84.98575	81.88321	39.34072	2.87303	57.78625	26.53079	31.25545	27.94522	6
2011.37	2011.37	1366.87	85.75212	136.1949	83.06984	80.35048	48.93654	1.686849	49.37661	23.95128	25.42534	29.29167	6
2011.375	2011.375	1366.875	84.20703	45.80575	83.93509	82.46416	53.55205	2.476934	43.97102	22.10399	21.86703	31.00778	6
2011.38	2011.38	1366.88	82.37764	178.5018	78.34804	76.61754	52.24451	1.250035	46.50545	22.91262	23.59283	28.39556	6
2011.385	2011.385	1366.885	89.69519	190.8624	86.32071	81.66072	37.44395	3.063392	59.49266	20.94554	38.54711	28.27346	6
2011.39	2011.39	1366.89	77.9525	73.87284	76.91419	71.88338	58.45331	0.710307	40.83638	11.91746	28.91892	31.58622	6
2011.395	2011.395	1366.895	72.10587	29.09077	72.00698	70.77091	67.389	0	32.611	6.233976	26.37703	30.84743	6
2011.4	2011.4	1366.9	76.6917	47.57808	76.11075	75.35674	62.43214	0	37.56786	6.508171	31.05969	31.48255	6
2011.405	2011.405	1366.905	77.71764	65.10283	76.51865	75.03536	62.03706	0	37.96294	22.68909	15.27385	31.38213	6
2011.41	2011.41	1366.91	81.20337	72.29913	79.65828	80.54825	59.77097	0	40.22903	9.194141	31.03489	30.99623	6
2011.415	2011.415	1366.915	81.78432	38.36499	81.10448	79.84369	60.74286	0.040793	39.21635	24.45585	14.7605	32.23517	6
2011.42	2011.42	1366.92	78.45929	50.12964	78.11319	76.58045	58.36836	0.754728	40.87691	15.34757	25.52934	31.42725	6
2011.425	2011.425	1366.925	81.80904	66.66126	79.65828	78.19971	65.2721	0	34.7279	17.37344	17.35446	30.22427	6
2011.43	2011.43	1366.93	82.21695	60.19835	80.90671	79.41106	59.94675	0	40.05325	6.933971	33.11928	31.70606	6
2011.435	2011.435	1366.935	86.43196	108.5098	85.5049	86.96347	41.4079	5.3807	53.2114	36.3928	16.8186	28.22792	6
2011.44	2011.44	1366.94	87.804	106.2638	86.28363	84.88687	45.28734	3.592911	51.11975	26.60155	24.51819	29.25006	6
2011.445	2011.445	1366.945	83.70024	115.2325	82.29111	82.55069	46.03023	3.690099	50.27967	24.578	25.70167	28.57334	6
2011.45	2011.45	1366.95	84.28119	102.5205	82.48888	81.0674	51.54171	1.849326	46.60897	30.0233	16.58567	29.8026	6
2011.455	2011.455	1366.955	85.54198	91.56566	84.56549	84.03398	46.71034	3.817508	49.47215	29.46638	20.00576	29.29403	6
2011.46	2011.46	1366.96	82.51361	71.42824	80.99324	79.52231	58.58472	0.214165	41.20112	26.21756	14.98356	31.33396	6
2011.465	2011.465	1366.965	83.40358	69.51839	81.3517	78.27387	62.34734	0	37.65266	18.44902	19.20364	30.80695	6
2011.47	2011.47	1366.97	85.36893	86.63061	82.42708	80.95615	63.29534	0	36.70466	25.22008	11.48458	28.95015	6
2011.475	2011.475	1366.975	78.66942	45.05709	77.58167	76.18491	65.15034	0	34.84966	7.782079	27.06758	31.17147	6
2011.48	2011.48	1366.98	76.51865	49.99213	75.56687	73.52735	64.88101	0	35.11899	7.642544	27.47644	31.29029	6
2011.485	2011.485	1366.985	74.78815	37.78439	74.10831	72.73627	67.31984	0	32.68016	10.20094	22.47922	30.98212	6
2011.49	2011.49	1366.99	74.86231	41.97078	74.07123	73.73749	67.10067	0	32.89933	7.693154	25.20618	30.77891	6
2011.495	2011.495	1366.995	76.41976	32.60489	75.88825	75.85117	65.92265	0	34.07735	7.391911	26.68544	31.02479	6
2011.5	2011.5	1367	76.04894	31.10757	75.35674	75.04772	67.8715	0	32.1285	18.31611	13.81239	30.82531	6
2011.505	2011.505	1367.005	73.5768	18.1359	73.3543	72.6003	69.64478	0	30.35522	12.3204	18.03482	30.73643	6
2011.51	2011.51	1367.01	74.41733	34.83559	73.21834	73.10709	72.39803	0	27.60197	21.83373	5.768242	30.34457	6

2011.515	2011.515	1367.015	76.11075	48.67815	75.3073	74.46677	64.42472	0	35.57528	16.99507	18.58021	31.15329	6
2011.52	2011.52	1367.02	77.12433	54.30074	75.95006	74.36788	65.00543	0	34.99457	21.81342	13.18115	31.10913	6
2011.525	2011.525	1367.025	73.11945	47.62392	71.66088	70.96868	72.50901	0	27.49099	10.58035	16.91064	30.44825	6
2011.53	2011.53	1367.03	71.14173	35.70648	70.36301	68.18752	71.94376	0	28.05624	23.14864	4.907597	30.73699	6
2011.535	2011.535	1367.035	68.64486	24.87383	68.2864	67.30991	73.60533	0	26.39467	20.62062	5.774052	30.32164	6
2011.54	2011.54	1367.04	69.06513	25.88223	68.55834	67.5324	74.1242	0	25.8758	11.1648	14.711	30.36873	6
2011.545	2011.545	1367.045	68.36057	29.73248	67.40879	66.72895	77.28928	0	22.71072	17.6871	5.023619	30.40379	6
2011.55	2011.55	1367.05	72.63738	71.27545	70.78327	68.33585	70.2943	0	29.7057	8.01363	21.69207	30.90547	6
2011.555	2011.555	1367.055	74.30608	75.72157	73.18125	68.66959	62.03119	0.059923	37.90889	8.557282	29.3516	31.83301	6
2011.56	2011.56	1367.06	76.19727	56.89813	75.55451	75.77701	61.11054	0.037527	38.85194	7.88012	30.97182	31.32056	7
2011.565	2011.565	1367.065	80.56061	55.62999	80.47408	81.71016	53.09235	2.382832	44.52482	24.91529	19.60952	30.08847	7
2011.57	2011.57	1367.07	82.16751	71.33657	81.73488	81.42586	50.49529	3.043336	46.46137	16.13292	30.32845	29.82991	7
2011.575	2011.575	1367.075	83.73732	62.93324	83.32941	83.16872	50.89308	3.057787	46.04913	27.68504	18.3641	30.08009	7
2011.58	2011.58	1367.08	84.07106	71.84077	83.67551	82.22931	48.33462	3.810848	47.85453	18.39666	29.45787	29.86449	7
2011.585	2011.585	1367.085	82.50124	49.01429	82.52597	82.51361	52.04581	2.927057	45.02714	16.17483	28.85231	30.37694	7
2011.59	2011.59	1367.09	81.0674	46.14188	80.90671	80.26395	55.497	1.717634	42.78536	25.00033	17.78504	30.99758	7
2011.595	2011.595	1367.095	81.05504	49.47265	80.93143	82.30347	54.41494	2.035652	43.54941	28.39192	15.15749	30.39516	7
2011.6	2011.6	1367.1	82.09334	53.29234	81.89557	81.50003	53.11011	2.445582	44.44431	26.18531	18.25899	30.51141	7
2011.605	2011.605	1367.105	83.88565	49.61016	83.70024	83.31705	52.25648	2.876352	44.86717	29.30881	15.55836	30.53205	7
2011.61	2011.61	1367.11	82.48888	41.29851	82.42708	82.78554	54.59497	2.156191	43.24884	31.82726	11.42159	30.82115	7
2011.615	2011.615	1367.115	84.60257	71.47408	83.97217	82.7979	49.75449	3.251488	46.99402	18.01364	28.98038	30.0289	7
2011.62	2011.62	1367.12	82.21695	50.05324	81.96973	81.27753	54.16344	2.132499	43.70406	25.83256	17.87151	30.78727	7
2011.625	2011.625	1367.125	83.144	56.39393	82.68666	81.68544	53.40463	2.275437	44.31994	26.44448	17.87546	30.67211	7
2011.63	2011.63	1367.13	87.18596	86.73756	86.30835	85.20824	45.59992	4.313401	50.08668	18.059	32.02769	29.44485	7
2011.635	2011.635	1367.135	84.57785	60.67199	83.82384	83.67551	53.3493	2.138214	44.51249	25.67812	18.83437	30.52152	7
2011.64	2011.64	1367.14	83.05748	58.22738	82.35292	80.99324	54.95645	1.670065	43.37349	30.44038	12.93311	30.94762	7
2011.645	2011.645	1367.145	85.4431	96.85211	84.25647	83.0204	47.15052	3.491612	49.35787	25.19517	24.1627	29.38699	7
2011.65	2011.65	1367.15	84.19466	74.33121	83.45302	83.09456	50.3005	2.982341	46.71716	32.58991	14.12725	29.88205	7
2011.655	2011.655	1367.155	88.36023	132.5586	86.1971	84.15758	43.39365	3.260927	53.34542	31.8992	21.44622	28.8689	7
2011.66	2011.66	1367.16	87.24777	140.1216	85.13408	83.70024	42.20369	3.806245	53.99006	18.77605	35.21402	28.44094	7
2011.665	2011.665	1367.165	86.59265	155.6295	83.53955	81.78432	46.33395	1.900311	51.76574	23.93312	27.83262	28.59489	7
2011.67	2011.67	1367.17	80.3752	94.68252	79.13913	78.40984	52.72121	2.117413	45.16137	13.27014	31.89124	29.67043	7
2011.675	2011.675	1367.175	78.50873	90.83227	77.55695	73.91054	53.16683	2.151579	44.6816	19.54868	25.13291	30.21266	7
2011.68	2011.68	1367.18	82.11806	86.73756	81.50003	79.60883	48.25068	3.564357	48.18497	20.86964	27.31532	29.58127	7
2011.685	2011.685	1367.185	79.23801	72.77277	78.85483	78.81775	52.45968	2.408551	45.13177	16.2279	28.90386	29.84559	7
2011.69	2011.69	1367.19	79.53467	62.39849	79.49759	80.26395	52.01506	2.628975	45.35597	32.91359	12.44237	29.84811	7
2011.695	2011.695	1367.195	84.1823	119.6786	83.53955	81.46294	38.57144	6.334665	55.0939	20.32859	34.76531	28.38591	7
2011.7	2011.7	1367.2	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2012.005	2012.005	1367.505	115.6404	147.5012	115.1212	115.492	1.938986	33.90377	64.15724	64.15724	0	-9999	7
2012.01	2012.01	1367.51	112.785	146.1261	112.3524	113.4154	4.22809	30.65129	65.12062	65.12062	0	-9999	7
2012.015	2012.015	1367.515	110.0657	116.5159	109.9668	107.9396	11.3091	28.7039	59.987	42.00355	17.98345	28.12919	7
2012.02	2012.02	1367.52	110.9433	109.8238	111.3017	110.7455	8.576746	34.96571	56.45754	41.09417	15.36338	27.48012	7
2012.025	2012.025	1367.525	109.905	124.415	110.1151	109.3117	7.150455	32.47022	60.37933	44.17646	16.20287	-9999	7
2012.03	2012.03	1367.53	110.9927	118.4105	111.1781	111.277	7.794424	33.56285	58.64273	56.52165	2.12108	-9999	7
2012.035	2012.035	1367.535	111.3388	100.4579	111.4748	112.2906	12.20371	32.33849	55.4578	49.62432	5.833478	27.10707	7
2012.04	2012.04	1367.54	112.8098	129.9154	112.7974	112.5873	4.871301	34.96478	60.16392	60.16392	0	-9999	7
2012.045	2012.045	1367.545	110.3376	118.5327	110.7455	111.4872	6.643232	35.06872	58.28805	49.26101	9.027033	-9999	7
2012.05	2012.05	1367.55	108.1374	102.3983	108.1992	108.2981	15.25422	26.74307	58.00271	33.52341	24.4793	27.64794	7
2012.055	2012.055	1367.555	106.2709	91.09201	106.0732	104.219	21.71921	21.08883	57.19197	43.79466	13.39731	28.23814	7
2012.06	2012.06	1367.56	107.816	104.1859	107.9767	107.2474	14.35092	27.42138	58.2277	39.02274	19.20497	27.81054	7
2012.065	2012.065	1367.565	107.7171	110.0377	107.6059	110.7702	15.13328	24.94821	59.91852	48.48985	11.42867	27.25761	7
2012.07	2012.07	1367.57	106.5552	113.3685	106.4811	106.7654	15.1088	24.08161	60.80959	37.59134	23.21825	27.87985	7
2012.075	2012.075	1367.575	104.3797	92.9713	104.4539	105.7147	20.89681	21.44476	57.65843	34.29346	23.36497	27.66814	7
2012.08	2012.08	1367.58	103.6752	86.47783	103.601	104.0584	24.26598	18.99018	56.74384	24.89645	31.84739	27.94923	7
2012.085	2012.085	1367.585	104.8247	84.73605	105.0349	104.7629	21.4266	22.5975	55.97589	29.7539	26.22199	27.85313	7
2012.09	2012.09	1367.59	104.4045	78.71621	104.491	103.9966	24.228	20.61657	55.15543	33.16678	21.98864	28.01358	7
2012.095	2012.095	1367.595	102.3279	84.58326	102.5504	102.0683	23.6649	19.76303	56.57207	39.41148	17.16059	28.0828	7
2012.1	2012.1	1367.6	101.9447	85.53054	102.1301	103.601	24.07557	19.12721	56.79722	37.12192	19.6753	27.75979	7
2012.105	2012.105	1367.605	101.203	101.9705	101.3143	100.4985	21.35419	18.91902	59.72679	43.75925	15.96754	28.20457	7
2012.11	2012.11	1367.61	100.4614	103.5442	101.0547	100.3749	17.91963	21.71624	60.36412	45.26687	15.09726	28.14686	7
2012.115	2012.115	1367.615	99.52197	100.0912	98.76797	96.14749	30.06125	11.51319	58.42556	28.07144	30.35412	28.93022	7
2012.12	2012.12	1367.62	98.66908	90.90867	98.53311	97.19815	28.2783	14.21338	57.50832	27.93499	29.57333	28.53561	7
2012.125	2012.125	1367.625	98.05104	83.94155	97.80383	97.0251	31.3951	12.57298	56.03193	22.69996	33.33196	28.61258	7
2012.13	2012.13	1367.63	99.12643	95.21728	99.31184	98.84213	24.32417	16.97442	58.70141	28.52815	30.17326	28.21053	7
2012.135	2012.135	1367.635	97.89036	96.10345	97.91508	97.60606	26.49225	14.93241	58.57535	25.30825	33.2671	28.25884	7
2012.14	2012.14	1367.64	96.56776	76.71469	96.74081	95.93736	31.25157	13.42663	55.3218	27.2651	28.0567	28.58576	7
2012.145	2012.145	1367.645	96.62956	93.38383	96.66664	94.40463	28.21453	13.81537	57.9701	23.5935	34.3766	28.67645	7
2012.15	2012.15	1367.65	96.36999	85.5611	96.12277	93.32925	32.54974	11.48054	55.96972	36.45699	19.51273	29.02564	7
2012.155	2012.155	1367.655	96.29582	85.20969	95.72723	94.62712	35.1937	9.623653	55.18265	28.35758	26.82507	28.91667	7
2012.16	2012.16	1367.66	96.5554	84.61382	95.9868	96.44415	35.09909	9.73852	55.16239	28.54943	26.61296	28.63244	7
2012.165	2012.165	1367.665	96.08569	76.79109	96.17221	94.59004	32.34715	12.55702	55.09583	26.18675	28.90907	28.79741	7
2012.17	2012.17	1367.67	94.29338	87.39455	94.02145	94.29338	34.20811	10.1277	55.66419	38.40117	17.26302	28.50781	7
2012.175	2012.175	1367.675	94.61476	92.74212	94.5406	94.02145	31.0856	11.70711	57.20729	26.94908	30.25821	28.45297	7

2012.18	2012.18	1367.68	93.81131	88.02098	93.6259	92.81009	33.82945	10.3064	55.86415	21.0241	34.84006	28.66523	7
2012.185	2012.185	1367.685	93.44049	74.13258	93.44049	91.64819	36.09466	10.04745	53.85788	33.82201	20.03587	29.07197	7
2012.19	2012.19	1367.69	91.87068	74.6979	92.47635	95.61598	32.7081	11.89089	55.40101	30.13663	25.26438	27.91476	7
2012.195	2012.195	1367.695	91.70999	69.74758	92.20442	92.81009	34.91607	10.92328	54.16065	27.28789	26.87276	28.54172	7
2012.2	2012.2	1367.7	92.97078	81.90947	93.218	91.47514	32.72887	11.462	55.80913	34.53005	21.27908	28.78515	7
2012.205	2012.205	1367.705	93.93492	79.12874	94.14505	95.05975	32.80219	11.77375	55.42406	38.79617	16.6279	28.32813	7
2012.21	2012.21	1367.71	92.66177	82.68869	92.76065	94.45407	33.97415	10.59478	55.43107	28.49612	26.93495	28.21147	7
2012.215	2012.215	1367.715	91.90776	85.88195	91.94484	90.23906	34.37404	10.04698	55.57898	27.08165	28.49733	28.82236	7
2012.22	2012.22	1367.72	90.84474	85.69861	90.90654	89.00299	35.2048	9.507319	55.28788	30.3518	24.93608	28.88022	7
2012.225	2012.225	1367.725	91.6111	82.0317	91.2032	89.58394	39.02737	7.632249	53.34038	18.34107	34.99931	29.16736	7
2012.23	2012.23	1367.73	91.8954	79.8774	91.5493	89.10188	38.80818	7.90686	53.28496	24.23826	29.0467	29.33003	7
2012.235	2012.235	1367.735	90.38739	84.94995	90.04129	88.85466	38.96799	7.485564	53.54644	33.03584	20.51061	29.00445	7
2012.24	2012.24	1367.74	90.90654	102.6275	90.47392	88.06357	34.88298	8.568366	56.54866	21.67088	34.87777	28.80776	7
2012.245	2012.245	1367.745	92.45163	103.6817	91.93248	90.18962	33.87694	9.019241	57.10382	31.81137	25.29245	28.68852	7
2012.25	2012.25	1367.75	92.92134	90.03778	92.43927	89.50978	36.45925	8.50933	55.03141	20.06474	34.96668	29.19463	7
2012.255	2012.255	1367.755	90.89418	89.8086	90.67169	90.36267	36.36799	8.590311	55.04169	37.70535	17.33635	28.62494	7
2012.26	2012.26	1367.76	91.51222	103.1622	91.25264	87.28485	32.85521	9.658832	57.48596	31.30989	26.17607	29.01297	7
2012.265	2012.265	1367.765	90.95598	89.96138	90.68405	89.96713	36.65734	8.421551	54.92111	30.30846	24.61265	28.72079	7
2012.27	2012.27	1367.77	90.73349	91.62677	90.33795	87.90288	37.41697	7.898441	54.68459	21.73647	32.94811	29.06734	7
2012.275	2012.275	1367.775	90.78293	103.3456	90.21434	89.50978	35.87667	7.987658	56.13567	22.33284	33.80283	28.5382	7
2012.28	2012.28	1367.78	89.33673	91.70316	89.2502	85.90045	36.28861	8.468727	55.24266	23.96081	31.28185	29.10498	7
2012.285	2012.285	1367.785	90.05365	100.0454	89.44798	86.34543	37.63365	7.293021	55.07333	21.46606	33.60727	29.09192	7
2012.29	2012.29	1367.79	88.4962	85.20969	87.97705	86.8275	41.98617	5.974232	52.0396	22.89567	29.14393	29.17022	7
2012.295	2012.295	1367.795	85.02283	81.45111	84.98575	85.99933	42.35521	5.941231	51.70356	22.75175	28.95181	28.69048	7
2012.3	2012.3	1367.8	83.81148	88.09738	82.7979	79.89313	49.42912	3.009194	47.56169	18.1112	29.45049	29.98888	7
2012.305	2012.305	1367.805	83.09456	111.8406	82.21695	80.01674	43.28908	4.812995	51.89793	29.4296	22.46833	28.78306	7
2012.31	2012.31	1367.81	82.58777	114.3463	81.73488	79.21329	42.95735	4.917951	52.1247	28.89546	23.22924	28.74091	7
2012.315	2012.315	1367.815	83.62607	109.5029	83.0822	80.26395	40.77931	5.764596	53.45609	20.26544	33.19065	28.78007	7
2012.32	2012.32	1367.82	85.25769	111.4281	85.24533	84.8127	34.69313	8.144887	57.16198	39.88318	17.2788	28.0865	7
2012.325	2012.325	1367.825	85.01047	133.4906	84.08342	81.45058	36.67032	6.651398	56.67829	37.18783	19.49046	28.22929	7
2012.33	2012.33	1367.83	83.06984	141.2522	82.20459	78.33568	36.09841	6.826353	57.07524	35.89125	21.18399	28.18732	7
2012.335	2012.335	1367.835	84.4666	134.5754	84.04634	83.91037	32.98054	8.108594	58.91087	24.86799	34.04288	27.60958	7
2012.34	2012.34	1367.84	83.8362	113.3532	83.4901	82.41472	38.1215	6.679014	55.19948	31.41792	23.78156	28.25172	7
2012.345	2012.345	1367.845	84.25647	124.9192	83.56427	78.73122	37.61816	6.563388	55.81845	22.90633	32.91212	28.76333	7
2012.35	2012.35	1367.85	83.68787	123.4983	82.99567	76.88947	38.48513	6.295618	55.21925	26.16985	29.0494	29.02962	7
2012.355	2012.355	1367.855	83.52719	122.8871	82.69902	78.26151	39.83461	5.815373	54.35001	34.42967	19.92034	28.7965	7
2012.36	2012.36	1367.86	85.14644	140.0605	84.77562	82.06862	30.64451	8.878857	60.47663	26.65887	33.81776	28.01348	7
2012.365	2012.365	1367.865	80.79546	115.3241	79.80661	78.91663	45.42338	4.199649	50.37697	24.89662	25.48035	28.50998	7
2012.37	2012.37	1367.87	78.45929	103.4067	77.48279	74.269	50.36089	2.935766	46.70334	19.96777	26.73557	29.51756	7
2012.375	2012.375	1367.875	74.52857	97.35631	73.02056	69.94274	59.56056	0.869332	39.57011	11.02315	28.54696	30.65607	7
2012.38	2012.38	1367.88	73.58916	87.53206	72.00698	68.81792	63.37706	0	36.62294	19.88507	16.73787	31.48837	7
2012.385	2012.385	1367.885	74.70162	94.82003	73.13181	71.54964	60.49411	0.608065	38.89783	19.77578	19.12205	30.61214	7
2012.39	2012.39	1367.89	76.29616	132.1613	74.47913	71.72269	51.90645	2.838817	45.25473	32.17773	13.077	28.86071	7
2012.395	2012.395	1367.895	77.16141	140.9314	74.88703	71.74741	52.53252	2.617777	44.8497	21.46725	23.38246	28.89613	7
2012.4	2012.4	1367.9	75.78937	148.5096	74.88703	69.68317	41.32754	5.629525	53.04294	19.94236	33.10058	28.02048	7
2012.405	2012.405	1367.905	73.56444	158.7464	71.9699	65.67829	46.26173	4.759576	48.97869	23.73113	25.24756	28.14634	7
2012.41	2012.41	1367.91	71.64852	112.9254	70.6473	67.45823	54.51487	2.397742	43.08739	13.95952	29.12787	29.34424	7
2012.415	2012.415	1367.915	71.95754	150.3278	70.27648	66.97617	50.44795	3.899867	45.65219	28.39259	17.25959	28.03952	7
2012.42	2012.42	1367.92	72.93404	130.8932	72.04407	71.42603	48.12182	3.981582	47.8966	15.80452	32.09208	27.8376	7
2012.425	2012.425	1367.925	67.73017	127.486	66.85256	65.28275	53.63811	3.046839	43.31505	30.58884	12.72621	28.30549	7
2012.43	2012.43	1367.93	66.18508	154.9114	63.71293	59.00349	60.7803	2.87414	36.34557	26.02407	10.3215	29.09186	7
2012.435	2012.435	1367.935	65.64121	171.6722	63.68821	60.06652	53.20112	4.562428	42.23645	23.10535	19.1311	27.36285	7
2012.44	2012.44	1367.94	67.45823	161.8022	66.96381	66.19744	42.61413	5.825843	51.56003	21.81084	29.74919	26.38598	7
2012.445	2012.445	1367.945	70.53606	150.7098	70.32592	68.31113	40.26359	5.996384	53.74003	30.41739	23.32263	26.99241	7
2012.45	2012.45	1367.95	70.9934	115.5686	71.32714	71.79685	44.13198	4.584295	51.28372	31.16922	20.1145	27.55781	7
2012.455	2012.455	1367.955	71.38895	99.32727	71.45075	70.73383	49.80599	3.136074	47.05793	29.24666	17.81128	28.63397	7
2012.46	2012.46	1367.96	72.34072	99.81619	72.5385	71.24062	47.75829	3.618909	48.62281	22.89406	25.72874	28.59043	7
2012.465	2012.465	1367.965	71.35187	101.4663	70.85744	69.25054	53.63327	2.377354	43.98938	18.20375	25.78563	29.18226	7
2012.47	2012.47	1367.97	70.40009	87.04314	70.27648	69.57192	55.12544	1.806042	43.06852	12.30474	30.76378	29.48478	7
2012.475	2012.475	1367.975	69.94274	85.79028	69.609	70.68439	57.47791	1.317742	41.20435	29.6796	11.52474	29.49314	7
2012.48	2012.48	1367.98	69.43595	86.5695	68.74375	68.01447	60.53366	0.76579	38.70055	24.13844	14.56211	30.2641	7
2012.485	2012.485	1367.985	69.15165	81.39	68.6325	66.44465	60.70752	0.619519	38.67296	24.00951	14.66346	30.66765	7
2012.49	2012.49	1367.99	68.43473	70.03787	68.2246	68.99097	61.71941	0.169697	38.1109	12.29916	25.81174	30.52427	7
2012.495	2012.495	1367.995	66.71659	77.76893	65.48052	64.00959	69.38022	0	30.61978	24.13912	6.480654	30.96859	7
2012.5	2012.5	1368	63.13198	57.03564	61.7723	59.65861	78.65348	0	21.34652	15.22227	6.124251	31.17455	7
2012.505	2012.505	1368.005	64.72651	64.62919	63.46572	61.24079	74.5825	0	25.4175	15.60417	9.813332	31.03871	7
2012.51	2012.51	1368.01	66.59298	88.95299	65.2333	62.26673	67.74536	0	32.25464	11.26351	20.99113	31.4192	7
2012.515	2012.515	1368.015	68.41001	122.1996	66.98853	64.8872	58.50699	2.053538	39.43947	26.14228	13.29718	29.24994	7
2012.52	2012.52	1368.02	71.26534	117.5548	70.51134	71.06757	51.83115	3.040689	45.12816	28.35061	16.77755	28.18794	7
2012.525	2012.525	1368.025	71.15409	146.0497	70.18996	69.84386	46.66626	4.622719	48.71102	15.43669	33.27433	27.18999	7
2012.53	2012.53	1368.03	71.54964	143.7579	70.2394	68.11335	49.53926	3.986196	46.47455	23.02816	23.44639	27.85211	7
2012.535	2012.535	1368.035	72.56322	140.6869	71.29006	69.8315	49.06257	3.957624	46.97981	29.75029	17.22952	27.82998	7
2012.54	2012.54	1368.04	71.06757	112.8337	70.11579	69.05277	54.68835	2.387594	42.92406	13.90803	29.01602	28.93402	7

2012.545	2012.545	1368.045	68.95388	99.93842	68.71903	69.97982	54.19745	2.243236	43.55932	25.59118	17.96813	28.60303	7
2012.55	2012.55	1368.05	67.33463	83.51374	67.03797	68.24932	60.14091	0.781436	39.07765	20.22756	18.85009	29.77133	7
2012.555	2012.555	1368.055	69.28762	69.04475	69.06513	69.00333	61.27088	0.234688	38.49443	10.81205	27.68238	30.67608	7
2012.56	2012.56	1368.06	69.78205	59.86221	69.86858	71.2159	60.64329	0.167372	39.18934	23.92002	15.26932	30.55441	7
2012.565	2012.565	1368.065	68.74375	48.3573	68.96624	67.74253	63.32896	0	36.67104	16.45096	20.22008	30.86243	7
2012.57	2012.57	1368.07	67.8785	63.55967	67.1863	65.18386	67.5349	0	32.4651	22.63438	9.830726	30.90311	7
2012.575	2012.575	1368.075	70.74619	112.1614	69.04041	64.96137	60.99024	1.184791	37.82497	26.98006	10.84491	30.44696	7
2012.58	2012.58	1368.08	74.83759	110.603	73.93526	70.9934	51.37657	2.903283	45.72014	20.4336	25.28655	29.18443	7
2012.585	2012.585	1368.085	74.71398	135.0338	73.94762	73.10709	44.5243	4.782093	50.69361	27.1883	23.50531	27.61966	7
2012.59	2012.59	1368.09	74.28136	144.6747	74.00942	71.16645	38.75739	6.261475	54.98114	32.64833	22.33281	27.4644	7
2012.595	2012.595	1368.095	75.62868	124.9039	74.8994	72.26656	45.84681	4.341893	49.8113	27.34879	22.46251	28.32851	7
2012.6	2012.6	1368.1	74.84995	96.56181	73.84873	72.64974	55.52953	1.774975	42.69549	18.17472	24.52077	29.71151	7
2012.605	2012.605	1368.105	76.0613	113.124	75.09717	70.68439	50.11966	3.16895	46.71139	32.71866	13.99273	29.34425	7
2012.61	2012.61	1368.11	74.87467	105.6374	73.89818	72.93404	53.11891	2.437241	44.44385	24.23823	20.20562	29.14299	7
2012.615	2012.615	1368.115	75.33202	98.36471	74.47913	73.15653	53.50018	2.257141	44.24268	26.79527	17.4474	29.44743	7
2012.62	2012.62	1368.12	74.20719	96.77572	73.24306	71.82157	55.78172	1.752629	42.46565	12.40786	30.05779	29.73898	7
2012.625	2012.625	1368.125	74.81287	100.8857	73.51499	70.89452	56.81636	1.519239	41.6644	21.61379	20.0506	30.0686	7
2012.63	2012.63	1368.13	75.66576	98.04385	75.07245	74.72634	51.25908	2.801526	45.93939	23.3475	22.5919	29.0152	7
2012.635	2012.635	1368.135	75.83881	120.6106	74.77579	70.63494	49.27896	3.443891	47.27715	20.99242	26.28473	29.02933	7
2012.64	2012.64	1368.14	74.8994	86.82924	74.56566	74.14539	52.66636	2.379796	44.95384	21.58636	23.36748	29.39123	7
2012.645	2012.645	1368.145	75.19605	95.40063	74.15775	71.64852	55.77952	1.683995	42.53649	16.40584	26.13065	30.03927	7
2012.65	2012.65	1368.15	74.57802	87.99042	73.86109	71.54964	55.65069	1.672866	42.67644	21.40567	21.27077	30.10156	7
2012.655	2012.655	1368.155	74.25664	83.16233	73.86109	73.20597	54.62407	1.875241	43.50069	25.12369	18.377	29.7336	7
2012.66	2012.66	1368.16	72.63738	78.27313	72.08115	71.14173	58.54232	0.941647	40.51604	21.15433	19.36171	30.37981	7
2012.665	2012.665	1368.165	71.61144	100.7482	70.80799	69.609	55.96313	1.882105	42.15476	20.90765	21.24711	29.45235	7
2012.67	2012.67	1368.17	72.42725	100.1676	71.88338	71.69797	53.34138	2.401927	44.25669	24.84451	19.41218	28.98173	7
2012.675	2012.675	1368.175	73.32958	95.4923	72.90932	72.42725	52.6847	2.47099	44.84431	12.9926	31.85171	29.11771	7
2012.68	2012.68	1368.18	73.79929	87.10426	73.24306	72.40253	55.33623	1.756569	42.9072	23.68991	19.2173	29.75229	7
2012.685	2012.685	1368.185	74.21955	71.3824	73.82401	72.98348	57.50893	1.072201	41.41887	26.67541	14.74346	30.45013	7
2012.69	2012.69	1368.19	74.45441	59.67887	73.97234	72.55086	60.79569	0.171697	39.03261	15.70244	23.33018	31.38483	7
2012.695	2012.695	1368.195	72.40253	57.02036	72.52613	73.81165	58.63279	0.617154	40.75006	24.31739	16.43267	30.44612	7
2012.7	2012.7	1368.2	69.90566	45.48489	69.80677	69.32471	65.44581	0	34.55419	8.644113	25.91007	30.67761	7
2012.705	2012.705	1368.205	64.5411	48.55592	64.75123	62.77352	67.24313	0	32.75687	19.95868	12.79819	30.43679	7
2012.71	2012.71	1368.21	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2013	2013	1368.5	104.355	139.4646	105.4798	103.6257	1.525547	33.72475	64.74971	64.74971	0	-9999	11
2013.005	2013.006	1368.506	102.0559	150.0986	102.7358	104.3921	4.515926	27.41917	68.06491	64.70437	3.360535	-9999	11
2013.01	2013.011	1368.511	103.3909	123.6816	103.8853	105.0719	11.11761	25.84051	63.04188	40.32863	22.71324	27.93338	11
2013.015	2013.017	1368.517	101.5368	155.599	103.0819	103.3167	0	33.87208	66.12792	66.12792	0	-9999	11
2013.02	2013.022	1368.522	102.6616	156.256	103.4032	103.9595	1.989648	29.11065	68.8997	68.8997	0	-9999	11
2013.025	2013.028	1368.528	103.1066	144.476	103.9966	106.3822	3.281456	30.14252	66.57602	66.1588	0.417227	-9999	11
2013.03	2013.033	1368.533	103.3538	140.748	104.3921	107.5441	2.806651	31.49792	65.69543	65.69543	0	-9999	11
2013.035	2013.038	1368.538	103.7864	196.8975	105.2574	106.5305	0	39.73598	60.26402	60.26402	0	-9999	11
2013.04	2013.044	1368.544	104.2438	181.0992	105.4798	107.1362	0	37.3498	62.6502	62.6502	0	-9999	11
2013.045	2013.049	1368.549	106.0484	203.834	106.7036	105.6035	0	36.39787	63.60213	63.60213	0	-9999	11
2013.05	2013.055	1368.555	105.3439	169.7777	105.7765	107.6183	0	31.00401	68.99599	68.99599	0	-9999	11
2013.055	2013.06	1368.56	105.1708	156.1796	105.4551	107.5935	3.244085	28.51662	68.2393	68.2393	0	-9999	11
2013.06	2013.066	1368.566	101.8829	148.2957	102.6492	102.7605	4.440863	27.75107	67.80807	59.38133	8.426733	-9999	11
2013.065	2013.071	1368.571	103.5392	164.4912	104.8371	106.5923	0	35.6175	64.3825	64.3825	0	-9999	11
2013.07	2013.077	1368.577	107.2474	198.8684	107.8284	109.0645	0	37.20702	62.79298	62.79298	0	-9999	11
2013.075	2013.082	1368.582	108.8296	177.906	108.9532	108.8543	0	33.47766	66.52234	66.52234	0	-9999	11
2013.08	2013.088	1368.588	104.5404	228.4023	105.4798	107.2351	0	38.36008	61.63992	61.63992	0	-9999	11
2013.085	2013.093	1368.593	101.7098	245.4381	101.4255	98.84213	0	26.1949	73.8051	73.8051	0	-9999	11
2013.09	2013.098	1368.598	99.78155	245.0562	99.80627	100.1153	0	26.61768	73.38232	73.38232	0	-9999	11
2013.095	2013.104	1368.604	99.68266	216.4085	100.3749	99.01518	0	29.15136	70.84864	70.84864	0	-9999	11
2013.1	2013.109	1368.609	100.5356	207.8218	101.0176	101.2154	0	28.03981	71.96019	71.96019	0	-9999	11
2013.105	2013.115	1368.615	94.30574	279.9529	95.73959	98.11285	0	32.13426	67.86574	67.86574	0	-9999	11
2013.11	2013.12	1368.62	96.09805	302.978	97.3712	97.2476	0	34.71586	65.28414	65.28414	0	-9999	11
2013.115	2013.126	1368.626	95.17099	273.5969	96.70373	101.4873	0	33.21405	66.78595	66.78595	0	-9999	11
2013.12	2013.131	1368.631	96.75317	334.1314	99.63322	102.9212	0	47.88719	52.11281	52.11281	0	-9999	11
2013.125	2013.137	1368.637	94.63948	321.3736	96.58012	98.17465	0	38.16069	61.83931	61.83931	0	-9999	11
2013.13	2013.142	1368.642	97.72967	260.5488	99.44781	101.1289	0	36.66063	63.33937	63.33937	0	-9999	11
2013.135	2013.147	1368.647	96.5554	253.1539	98.90394	102.4267	0	38.61961	61.38039	61.38039	0	-9999	11
2013.14	2013.153	1368.653	94.97322	304.46	97.50717	103.5268	0	40.94646	59.05354	59.05354	0	-9999	11
2013.145	2013.158	1368.658	94.26866	379.9218	96.86441	99.89279	0	45.4166	54.5834	54.5834	0	-9999	11
2013.15	2013.164	1368.664	96.43179	348.0809	99.85571	104.2314	0	51.92618	48.07382	48.07382	0	-9999	11
2013.155	2013.169	1368.669	96.92622	305.3767	99.57141	100.8322	0	44.66075	55.33925	55.33925	0	-9999	11
2013.16	2013.175	1368.675	92.08081	375.7049	95.71487	100.1771	0	47.81751	52.18249	52.18249	0	-9999	11
2013.165	2013.18	1368.68	94.68893	301.7098	97.50717	98.94102	0	42.05767	57.94233	57.94233	0	-9999	11
2013.17	2013.186	1368.686	97.35884	368.7225	100.758	104.0831	0	54.87288	45.12712	45.12712	0	-9999	11
2013.175	2013.191	1368.691	101.3514	316.8205	103.0448	102.4391	0	45.63731	54.36269	54.36269	0	-9999	11
2013.18	2013.197	1368.697	102.7852	283.36	104.7629	106.4193	0	48.21589	51.78411	51.78411	0	-9999	11
2013.185	2013.202	1368.702	103.7493	363.1916	106.0855	108.3228	0	58.71712	41.28288	41.28288	0	-9999	11
2013.19	2013.207	1368.707	105.1337	341.236	107.7295	110.3129	0	62.8455	37.1545	37.1545	0	-9999	11

2013.195	2013.213	1368.713	105.418	346.1863	108.5947	110.2264	0	69.85883	30.14117	30.14117	0	-9999	11
2013.2	2013.218	1368.718	102.8594	320.9458	104.4045	104.0831	0	47.17756	52.82244	52.82244	0	-9999	11
2013.205	2013.224	1368.724	102.2537	317.89	103.1189	104.8865	0	40.46578	59.53422	59.53422	0	-9999	11
2013.21	2013.229	1368.729	102.8346	339.2039	103.2178	103.4032	0	38.79647	61.20353	61.20353	0	-9999	11
2013.215	2013.235	1368.735	103.4774	329.395	102.2537	99.34892	0	26.15718	73.84282	73.84282	0	-9999	11
2013.22	2013.24	1368.74	101.1536	264.4907	100.7086	99.91752	0	25.85876	74.14124	74.14124	0	-9999	11
2013.225	2013.246	1368.746	101.1536	292.9093	99.85571	97.96452	0	21.88399	78.11601	78.11601	0	-9999	11
2013.23	2013.251	1368.751	101.6233	291.0452	100.1276	97.87799	0	20.63587	79.36413	79.36413	0	-9999	11
2013.235	2013.256	1368.756	100.3625	370.4948	99.42309	97.92744	0	29.08015	70.91985	70.91985	0	-9999	11
2013.24	2013.262	1368.762	102.402	309.2881	101.8458	101.3514	0	29.08011	70.91989	70.91989	0	-9999	11
2013.245	2013.267	1368.767	100.6344	317.3095	100.3254	104.3427	0	29.95214	70.04786	70.04786	0	-9999	11
2013.25	2013.273	1368.773	101.8581	296.2859	102.0806	101.339	0	33.54106	66.45894	66.45894	0	-9999	11
2013.255	2013.278	1368.778	96.43179	356.7592	97.56898	101.0547	0	37.89772	62.10228	62.10228	0	-9999	11
2013.26	2013.284	1368.784	95.39349	332.4507	95.94972	99.69502	0	31.87376	68.12624	68.12624	0	-9999	11
2013.265	2013.289	1368.789	95.2328	385.0097	95.43057	95.13391	0	33.32132	66.67868	66.67868	0	-9999	11
2013.27	2013.295	1368.795	98.26118	393.0616	98.68144	98.37242	0	37.78265	62.21735	62.21735	0	-9999	11
2013.275	2013.3	1368.8	103.4898	330.7853	103.7617	101.8705	0	38.10685	61.89315	61.89315	0	-9999	11
2013.28	2013.306	1368.806	102.0065	369.1198	101.6604	101.5862	0	34.34866	65.65134	65.65134	0	-9999	11
2013.285	2013.311	1368.811	102.674	328.5852	102.0312	101.6851	0	29.95063	70.04937	70.04937	0	-9999	11
2013.29	2013.316	1368.816	100.9435	391.2587	102.093	107.334	0	45.84064	54.15936	54.15936	0	-9999	11
2013.295	2013.322	1368.822	98.61964	369.9448	100.2636	101.7345	0	44.76393	55.23607	55.23607	0	-9999	11
2013.3	2013.327	1368.827	98.10049	374.2229	99.3242	103.6381	0	41.54348	58.45652	58.45652	0	-9999	11
2013.305	2013.333	1368.833	98.26118	435.0629	100.7704	102.7481	0	54.66081	45.33919	45.33919	0	-9999	11
2013.31	2013.338	1368.838	97.84091	351.7172	100.0535	99.89279	0	46.30126	53.69874	53.69874	0	-9999	11
2013.315	2013.344	1368.844	94.6024	341.9999	96.09805	100.4119	0	36.98566	63.01434	63.01434	0	-9999	11
2013.32	2013.349	1368.849	94.89906	342.4736	96.02388	96.83969	0	35.25492	64.74508	64.74508	0	-9999	11
2013.325	2013.355	1368.855	90.98071	399.5856	91.96956	94.87434	0	34.90499	65.09501	65.09501	0	-9999	11
2013.33	2013.36	1368.86	88.89174	443.2218	89.39853	86.90167	0	34.31395	65.68605	65.68605	0	-9999	11
2013.335	2013.365	1368.865	89.36145	445.1622	89.02771	86.77806	0	31.36092	68.63908	68.63908	0	-9999	11
2013.34	2013.371	1368.871	88.60745	452.0376	88.27371	90.7953	0	31.48046	68.51954	68.51954	0	-9999	11
2013.345	2013.376	1368.876	90.69641	442.6565	91.1414	94.80017	0	35.17561	64.82439	64.82439	0	-9999	11
2013.35	2013.382	1368.882	89.96713	366.8891	91.16612	90.02893	0	32.82616	67.17384	67.17384	0	-9999	11
2013.355	2013.387	1368.887	89.33673	327.6379	90.00421	92.57524	0	27.45236	72.54764	72.54764	0	-9999	11
2013.36	2013.393	1368.893	92.74829	317.065	92.67413	92.83482	0	25.65076	74.34924	74.34924	0	-9999	11
2013.365	2013.398	1368.898	97.40829	270.6634	96.85205	99.52197	0	22.89277	77.10723	77.10723	0	-9999	11
2013.37	2013.404	1368.904	96.49359	243.5283	95.02267	88.79286	3.691735	15.52579	80.78248	80.78248	0	-9999	11
2013.375	2013.409	1368.909	94.5406	262.9629	93.05731	89.29965	0.881116	16.11871	83.00018	83.00018	0	-9999	11
2013.38	2013.415	1368.915	95.67778	251.6719	93.81131	90.48628	5.536993	13.79511	80.6679	70.85846	9.809434	-9999	11
2013.385	2013.42	1368.92	95.82611	291.1369	93.92256	92.71121	0	16.3082	83.6918	83.6918	0	-9999	11
2013.39	2013.425	1368.925	97.51953	359.4025	95.34404	91.30209	0	19.8498	80.1502	80.1502	0	-9999	11
2013.395	2013.431	1368.931	97.38357	381.6636	95.36877	87.96469	0	22.193	77.807	77.807	0	-9999	11
2013.4	2013.436	1368.936	92.68649	295.0177	91.17848	89.68283	0	17.61013	82.38987	82.38987	0	-9999	11
2013.405	2013.442	1368.942	88.80522	273.1691	86.66681	83.67551	8.76493	12.89059	78.34448	66.3859	11.95857	27.96982	11
2013.41	2013.447	1368.947	87.90288	342.7792	85.76448	83.04512	0	17.48112	82.51888	82.51888	0	-9999	11
2013.415	2013.453	1368.953	89.28729	378.0578	86.87694	83.04512	0	19.06268	80.93732	80.93732	0	-9999	11
2013.42	2013.458	1368.958	87.4579	355.6439	85.55435	81.56183	0	19.07034	80.92966	80.92966	0	-9999	11
2013.425	2013.464	1368.964	94.57768	394.3756	91.30209	87.35901	0	16.73233	83.26767	83.26767	0	-9999	11
2013.43	2013.469	1368.969	92.92134	286.2172	90.00421	88.61981	7.855591	11.0499	81.09451	71.98371	9.110798	-9999	11
2013.435	2013.474	1368.974	93.03259	334.4369	91.22792	89.44798	0	19.05731	80.94269	80.94269	0	-9999	11
2013.44	2013.48	1368.98	92.5876	337.8594	91.73471	91.35153	0	23.37809	76.62191	76.62191	0	-9999	11
2013.445	2013.485	1368.985	94.16978	379.9218	92.97078	88.01413	0	25.24956	74.75044	74.75044	0	-9999	11
2013.45	2013.491	1368.991	94.44171	376.8203	92.34039	89.78172	0	20.85726	79.14274	79.14274	0	-9999	11
2013.455	2013.496	1368.996	95.60362	337.1718	93.9102	89.52214	0	20.41421	79.58579	79.58579	0	-9999	11
2013.46	2013.502	1369.002	92.20442	375.6438	90.54808	89.00299	0	22.28449	77.71551	77.71551	0	-9999	11
2013.465	2013.507	1369.007	93.34161	382.7179	90.41211	87.30957	0	17.50582	82.49418	82.49418	0	-9999	11
2013.47	2013.513	1369.013	94.15741	354.0091	91.87068	90.33795	0	18.4241	81.5759	81.5759	0	-9999	11
2013.475	2013.518	1369.018	95.69015	352.0075	93.6259	94.12033	0	19.5863	80.4137	80.4137	0	-9999	11
2013.48	2013.524	1369.024	92.5258	344.6737	91.69763	88.75577	0	23.92273	76.07727	76.07727	0	-9999	11
2013.485	2013.529	1369.029	94.2563	370.724	93.39105	89.70755	0	26.28186	73.71814	73.71814	0	-9999	11
2013.49	2013.534	1369.034	92.32803	344.032	90.9189	88.79286	0	21.24413	78.75587	78.75587	0	-9999	11
2013.495	2013.54	1369.04	89.80644	335.3231	88.11302	85.66559	0	18.86642	81.13358	81.13358	0	-9999	11
2013.5	2013.545	1369.045	88.92883	351.6561	87.16124	86.0735	0	19.52083	80.47917	80.47917	0	-9999	11
2013.505	2013.551	1369.051	89.41089	296.8665	87.40846	87.27249	1.419193	15.05739	83.52342	83.52342	0	-9999	11
2013.51	2013.556	1369.056	90.20198	292.8176	88.34787	84.83742	0.521673	15.46807	84.01025	84.01025	0	-9999	11
2013.515	2013.562	1369.062	88.26135	313.6884	86.74098	83.0204	0	17.69631	82.30369	82.30369	0	-9999	11
2013.52	2013.567	1369.067	83.62607	370.6476	83.63843	85.69031	0	25.0409	74.9591	74.9591	0	-9999	11
2013.525	2013.573	1369.073	83.99689	326.2475	83.10692	78.11319	0	19.49219	80.50781	80.50781	0	-9999	11
2013.53	2013.578	1369.078	84.33063	376.7133	83.31705	80.52353	0	22.6239	77.3761	77.3761	0	-9999	11
2013.535	2013.584	1369.084	85.69031	337.6913	84.83742	85.46782	0	20.86626	79.13374	79.13374	0	-9999	11
2013.54	2013.589	1369.089	83.74968	431.0752	83.13164	81.33934	0	27.29246	72.70754	72.70754	0	-9999	11
2013.545	2013.594	1369.094	84.1205	435.4907	82.88443	84.30591	0	25.8894	74.1106	74.1106	0	-9999	11
2013.55	2013.6	1369.1	90.83238	424.7803	88.96591	83.88565	0	24.44562	75.55438	75.55438	0	-9999	11
2013.555	2013.605	1369.105	93.40341	371.5185	91.25264	91.77179	0	20.10851	79.89149	79.89149	0	-9999	11

2013.56	2013.611	1369.111	94.83725	342.3208	93.13147	92.27858	0	20.48942	79.51058	79.51058	0	-9999	11
2013.565	2013.616	1369.116	90.44919	336.8204	89.44798	87.12416	0	21.84028	78.15972	78.15972	0	-9999	11
2013.57	2013.622	1369.122	88.02649	301.1598	87.47026	86.95111	0	20.22487	79.77513	79.77513	0	-9999	11
2013.575	2013.627	1369.127	87.33429	277.6305	86.27127	85.71503	0.704301	16.60802	82.68768	82.68768	0	-9999	11
2013.58	2013.633	1369.133	85.86336	261.7406	84.80034	84.02161	5.902915	15.11937	78.97772	71.72902	7.2487	-9999	11
2013.585	2013.638	1369.138	87.56914	343.8792	86.8275	87.4579	0	22.27316	77.72684	77.72684	0	-9999	11
2013.59	2013.643	1369.143	89.2502	337.1107	87.79164	84.35535	0	19.73485	80.26515	80.26515	0	-9999	11
2013.595	2013.649	1369.149	93.5023	386.1097	90.21434	85.80156	0	16.22159	83.77841	83.77841	0	-9999	11
2013.6	2013.654	1369.154	90.00421	338.1955	88.2119	84.83742	0	18.72781	81.27219	81.27219	0	-9999	11
2013.605	2013.66	1369.16	89.8188	352.4965	87.39609	84.86214	0	17.33402	82.66598	82.66598	0	-9999	11
2013.61	2013.665	1369.165	91.98193	267.959	90.99307	87.79164	0	17.81169	82.18831	82.18831	0	-9999	11
2013.615	2013.671	1369.171	90.12782	403.4359	89.22548	87.26013	0	26.61565	73.38435	73.38435	0	-9999	11
2013.62	2013.676	1369.176	93.11911	318.4401	91.99429	93.48993	0	21.04829	78.95171	78.95171	0	-9999	11
2013.625	2013.682	1369.182	92.85954	297.0345	91.8954	90.60988	0	20.23302	79.76698	79.76698	0	-9999	11
2013.63	2013.687	1369.187	91.52458	253.1386	91.17848	89.55922	0	19.40883	80.59117	80.59117	0	-9999	11
2013.635	2013.693	1369.193	90.80766	333.7188	90.36267	90.7953	0	24.06746	75.93254	75.93254	0	-9999	11
2013.64	2013.698	1369.198	91.06723	382.1067	91.4875	95.90028	0	31.22723	68.77277	68.77277	0	-9999	11
2013.645	2013.703	1369.203	91.8336	348.2184	91.17848	92.76065	0	24.62263	75.37737	75.37737	0	-9999	11
2013.65	2013.709	1369.209	89.1884	360.8845	88.7805	90.65933	0	25.3031	74.6969	74.6969	0	-9999	11
2013.655	2013.714	1369.214	90.44919	361.0984	90.35031	90.10309	0	27.18885	72.81115	72.81115	0	-9999	11
2013.66	2013.72	1369.22	92.50108	354.0854	92.43927	91.21556	0	28.05685	71.94315	71.94315	0	-9999	11
2013.665	2013.725	1369.225	93.24272	378.3787	91.73471	89.93004	0	23.39764	76.60236	76.60236	0	-9999	11
2013.67	2013.731	1369.231	92.25386	292.237	91.17848	92.46399	0	19.17618	80.82382	80.82382	0	-9999	11
2013.675	2013.736	1369.236	90.65933	370.2198	89.44798	94.50351	0	23.32074	76.67926	76.67926	0	-9999	11
2013.68	2013.742	1369.242	93.87312	340.2582	92.61232	92.50108	0	22.16886	77.83114	77.83114	0	-9999	11
2013.685	2013.747	1369.247	92.08081	436.9728	91.98193	91.30209	0	33.22963	66.77037	66.77037	0	-9999	11
2013.69	2013.752	1369.252	90.01657	443.619	91.45041	94.26866	0	39.08244	60.91756	60.91756	0	-9999	11
2013.695	2013.758	1369.258	91.75943	256.2097	91.25264	92.68649	0	19.02835	80.97165	80.97165	0	-9999	11
2013.7	2013.763	1369.263	88.68161	268.4327	88.26135	87.38373	0	18.792	81.208	81.208	0	-9999	11
2013.705	2013.769	1369.269	88.05121	158.013	88.19954	82.43944	19.60419	13.18639	67.20942	43.47851	23.73092	28.76122	11
2013.71	2013.774	1369.274	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2014	2014.09	1369.59	123.304	91.36703	123.2546	122.6983	4.832664	55.148	40.01934	37.97115	2.048186	-9999	11
2014.005	2014.096	1369.596	121.2027	157.631	120.0284	118.0631	0	32.48167	67.51833	67.51833	0	-9999	11
2014.01	2014.101	1369.601	119.4104	78.19673	119.0148	117.0248	14.28429	38.025	47.69071	30.74476	16.94595	26.31209	11
2014.015	2014.107	1369.607	117.581	52.37562	117.2596	115.8752	21.64127	33.91563	44.4431	14.0701	30.373	26.41435	11
2014.02	2014.112	1369.612	114.4908	67.37937	114.2312	112.9704	20.37435	30.29006	49.33559	29.35346	19.98213	27.03352	11
2014.025	2014.118	1369.618	113.3042	65.89733	113.4896	113.5267	18.37606	34.1311	47.49284	36.51028	10.98256	26.50433	11
2014.03	2014.123	1369.623	113.6503	57.03564	113.7863	114.2312	20.58536	33.51884	45.8958	28.00038	17.89543	26.38273	11
2014.035	2014.129	1369.629	114.3301	71.77965	114.4537	113.7739	16.48765	35.643	47.86935	27.19339	20.67596	26.51906	11
2014.04	2014.134	1369.634	109.8926	71.36712	110.3871	110.5725	17.79611	32.10207	50.10181	40.39508	9.706734	26.88862	11
2014.045	2014.139	1369.639	108.4464	78.1509	109.324	109.7072	14.51528	34.21962	51.26509	28.21277	23.05233	26.92017	11
2014.05	2014.145	1369.645	108.1374	110.053	108.4835	108.7554	11.19849	30.1987	58.6028	37.63273	20.97008	27.61044	11
2014.055	2014.15	1369.65	110.2016	110.4808	110.2016	109.2746	11.87814	29.61237	58.50949	42.52038	15.98911	27.7595	11
2014.06	2014.156	1369.656	111.8951	95.53814	111.6849	110.659	15.56484	28.68714	55.74802	30.84744	24.90058	27.52327	11
2014.065	2014.161	1369.661	110.2264	96.11873	109.8679	108.1745	18.10909	24.64467	57.24625	41.34055	15.9057	27.95022	11
2014.07	2014.167	1369.667	108.9038	94.56029	108.7184	106.0732	18.36188	24.68077	56.95735	42.06681	14.89054	28.13387	11
2014.075	2014.172	1369.672	107.7419	99.98426	107.2722	104.4168	20.32154	20.75681	58.92166	36.50123	22.42043	28.46009	11
2014.08	2014.178	1369.678	105.4798	93.07825	105.8877	105.2944	17.27235	25.7885	56.93915	29.69389	27.24526	27.78355	11
2014.085	2014.183	1369.683	106.8148	107.15	107.1362	108.879	13.30939	27.79299	58.89762	35.50451	23.39311	27.40778	11
2014.09	2014.189	1369.689	105.3933	105.7138	106.2709	107.9891	10.65392	30.84974	58.49634	43.54342	14.95293	27.43947	11
2014.095	2014.194	1369.694	106.172	76.05771	106.6665	108.3228	20.08393	26.42908	53.48699	34.22714	19.25986	27.18395	11
2014.1	2014.199	1369.699	107.0744	90.2364	106.4563	103.8111	24.44415	17.97584	57.58001	34.64909	22.93092	28.58635	11
2014.105	2014.205	1369.705	105.0967	120.7939	104.7135	104.4539	17.0486	20.17944	62.77196	34.62849	28.14347	28.15243	11
2014.11	2014.21	1369.71	104.5775	130.2821	104.5899	104.6146	12.16464	23.66304	64.17232	56.13854	8.033778	28.17688	11
2014.115	2014.216	1369.716	103.5021	128.9986	104.1202	103.9348	8.770589	27.37307	63.85634	61.57771	2.278631	28.29885	11
2014.12	2014.221	1369.721	102.983	146.0956	104.3797	105.554	0	34.32045	65.67955	65.67955	0	-9999	11
2014.125	2014.227	1369.727	101.648	179.2047	103.9348	108.1745	0	41.67846	58.32154	58.32154	0	-9999	11
2014.13	2014.232	1369.732	102.7976	193.1083	106.0855	109.1263	0	53.85887	46.14113	46.14113	0	-9999	11
2014.135	2014.238	1369.738	105.2326	155.1101	106.8519	109.5589	0	40.91638	59.08362	59.08362	0	-9999	11
2014.14	2014.243	1369.743	103.8853	167.8373	105.8383	108.1745	0	42.28972	57.71028	57.71028	0	-9999	11
2014.145	2014.248	1369.748	108.5577	174.1016	110.2387	111.8827	0	49.85353	50.14647	50.14647	0	-9999	11
2014.15	2014.254	1369.754	108.0014	160.0909	109.1881	110.5972	0	42.24467	57.75533	57.75533	0	-9999	11
2014.155	2014.259	1369.759	105.8136	133.7656	106.5305	106.2215	4.724076	31.89326	63.38267	58.26226	5.120403	-9999	11
2014.16	2014.265	1369.765	103.4403	137.677	104.0213	104.6888	7.014678	27.56743	65.41789	59.09555	6.32234	-9999	11
2014.165	2014.27	1369.77	103.2426	181.9548	103.6875	105.9496	0	29.18009	70.81991	70.81991	0	-9999	11
2014.17	2014.276	1369.776	104.9113	167.8525	105.2697	106.0484	0.08326	29.62591	70.29083	70.29083	0	-9999	11
2014.175	2014.281	1369.781	104.5404	134.0865	104.936	103.7493	8.308419	27.18666	64.50492	50.1944	14.31052	28.52044	11
2014.18	2014.287	1369.787	110.523	194.514	110.4241	110.523	0	34.63585	65.36415	65.36415	0	-9999	11
2014.185	2014.292	1369.792	109.7567	163.4828	110.5354	112.9086	0	41.33729	58.66271	58.66271	0	-9999	11
2014.19	2014.298	1369.798	110.9556	161.6494	111.4254	113.9469	0	39.82394	60.17606	60.17606	0	-9999	11
2014.195	2014.303	1369.803	113.1064	182.9021	114.1571	116.7776	0	53.36616	46.63384	46.63384	0	-9999	11
2014.2	2014.308	1369.808	112.2659	186.9052	112.9952	115.5168	0	47.39238	52.60762	52.60762	0	-9999	11
2014.205	2014.314	1369.814	109.2499	170.0068	109.8061	112.1052	0	38.33069	61.66931	61.66931	0	-9999	11

2014.21	2014.319	1369.819	109.2746	174.6822	109.6578	109.1263	0	36.77047	63.22953	63.22953	0	-9999	11
2014.215	2014.325	1369.825	109.4847	186.8288	109.6825	108.57	0	35.87955	64.12045	64.12045	0	-9999	11
2014.22	2014.33	1369.83	110.214	175.9503	110.8444	112.9086	0	41.32057	58.67943	58.67943	0	-9999	11
2014.225	2014.336	1369.836	105.1708	175.9503	106.444	109.4229	0	38.92217	61.07783	61.07783	0	-9999	11
2014.23	2014.341	1369.841	109.2128	169.1512	109.7567	111.1658	0	38.07118	61.92882	61.92882	0	-9999	11
2014.235	2014.347	1369.847	111.0298	131.978	111.5613	112.4019	1.794684	38.7076	59.49772	59.49772	0	-9999	11
2014.24	2014.352	1369.852	113.4525	116.3478	113.9099	113.3165	3.923074	41.50554	54.57139	54.57139	0	-9999	11
2014.245	2014.357	1369.857	116.0359	159.327	116.691	119.0148	0	53.23823	46.76177	46.76177	0	-9999	11
2014.25	2014.363	1369.863	115.7393	171.7639	116.8146	120.1026	0	59.9016	40.0984	40.0984	0	-9999	11
2014.255	2014.368	1369.868	116.691	158.8381	117.7911	120.0655	0	62.18315	37.81685	37.81685	0	-9999	11
2014.26	2014.374	1369.874	115.2201	171.7945	116.0854	116.4933	0	55.24461	44.75539	44.75539	0	-9999	11
2014.265	2014.379	1369.879	115.1583	170.6486	116.0112	116.4685	0	54.82034	45.17966	45.17966	0	-9999	11
2014.27	2014.385	1369.885	117	151.871	117.5316	117.5316	0	53.19883	46.80117	46.80117	0	-9999	11
2014.275	2014.39	1369.89	113.1311	162.78	114.3425	113.2671	0	54.30197	45.69803	45.69803	0	-9999	11
2014.28	2014.396	1369.896	112.4142	160.0298	112.8221	113.5638	0	41.70661	58.29339	58.29339	0	-9999	11
2014.285	2014.401	1369.901	112.6491	147.1498	113.4278	114.0953	0	46.19467	53.80533	53.80533	0	-9999	11
2014.29	2014.407	1369.907	112.4142	200.3352	114.1447	117.0248	0	62.11124	37.88876	37.88876	0	-9999	11
2014.295	2014.412	1369.912	109.9668	170.9541	111.1287	112.612	0	46.75633	53.24367	53.24367	0	-9999	11
2014.3	2014.417	1369.917	108.8543	175.0336	109.7443	112.1794	0	41.65745	58.34255	58.34255	0	-9999	11
2014.305	2014.423	1369.923	109.5836	176.6684	111.0669	113.8481	0	50.0988	49.9012	49.9012	0	-9999	11
2014.31	2014.428	1369.928	112.9581	180.2589	114.0087	115.8134	0	52.82553	47.17447	47.17447	0	-9999	11
2014.315	2014.434	1369.934	113.0817	174.2696	114.0087	114.1942	0	51.02127	48.97873	48.97873	0	-9999	11
2014.32	2014.439	1369.939	110.6961	180.9464	111.1781	110.214	0	40.79771	59.20229	59.20229	0	-9999	11
2014.325	2014.445	1369.945	110.2511	207.1495	110.5354	111.3265	0	39.46862	60.53138	60.53138	0	-9999	11
2014.33	2014.45	1369.95	108.9656	192.268	109.8308	112.4513	0	42.75637	57.24363	57.24363	0	-9999	11
2014.335	2014.456	1369.956	111.6108	193.8876	112.7727	115.7393	0	52.0068	47.9932	47.9932	0	-9999	11
2014.34	2014.461	1369.961	113.502	190.1137	114.2189	117.0989	0	50.16461	49.83539	49.83539	0	-9999	11
2014.345	2014.466	1369.966	112.5749	190.3123	113.6132	115.9247	0	52.4144	47.5856	47.5856	0	-9999	11
2014.35	2014.472	1369.972	108.3228	248.8606	109.6701	114.5032	0	50.6436	49.3564	49.3564	0	-9999	11
2014.355	2014.477	1369.977	105.863	239.403	107.4081	113.8481	0	47.10421	52.89579	52.89579	0	-9999	11
2014.36	2014.483	1369.983	108.5082	182.8105	109.1757	108.7431	0	39.12177	60.87823	60.87823	0	-9999	11
2014.365	2014.488	1369.988	109.0768	194.132	109.7196	109.6578	0	40.61505	59.38495	59.38495	0	-9999	11
2014.37	2014.494	1369.994	112.1052	199.7393	113.23	115.01	0	53.08623	46.91377	46.91377	0	-9999	11
2014.375	2014.499	1369.999	113.5514	170.9083	113.9717	116.0235	0	44.88637	55.11363	55.11363	0	-9999	11
2014.38	2014.505	1370.005	111.5984	183.6661	111.7097	111.1658	0	38.0908	61.9092	61.9092	0	-9999	11
2014.385	2014.51	1370.01	111.5737	211.3512	111.7344	113.4154	0	40.52279	59.47721	59.47721	0	-9999	11
2014.39	2014.516	1370.016	111.2399	189.6401	111.6973	112.9086	0	42.09059	57.90941	57.90941	0	-9999	11
2014.395	2014.521	1370.021	114.1942	199.4643	114.9482	117.7046	0	52.92508	47.07492	47.07492	0	-9999	11
2014.4	2014.526	1370.026	116.9877	176.7601	117.717	118.9407	0	58.09841	41.90159	41.90159	0	-9999	11
2014.405	2014.532	1370.032	115.492	184.2619	116.6416	119.4351	0	61.21239	38.78761	38.78761	0	-9999	11
2014.41	2014.537	1370.037	112.6614	233.811	113.9717	116.3449	0	59.25673	40.74327	40.74327	0	-9999	11
2014.415	2014.543	1370.043	111.5613	212.9707	113.1929	117.4821	0	59.29558	40.70442	40.70442	0	-9999	11
2014.42	2014.548	1370.048	112.3524	204.2618	114.0087	118.8294	0	61.18197	38.81803	38.81803	0	-9999	11
2014.425	2014.554	1370.054	114.738	166.2941	115.628	117.3214	0	54.01097	45.98903	45.98903	0	-9999	11
2014.43	2014.559	1370.059	117.8282	184.7814	118.4833	118.2856	0	59.68942	40.31058	40.31058	0	-9999	11
2014.435	2014.565	1370.065	120.2386	189.4567	121.1038	122.686	0	71.16752	28.83248	28.83248	0	-9999	11
2014.44	2014.57	1370.07	116.8764	230.4802	117.6181	118.4339	0	61.62719	38.37281	38.37281	0	-9999	11
2014.445	2014.575	1370.075	115.3808	236.1334	116.4438	117.7788	0	63.05466	36.94534	36.94534	0	-9999	11
2014.45	2014.581	1370.081	113.8604	235.5375	114.9976	116.3573	0	60.04736	39.95264	39.95264	0	-9999	11
2014.455	2014.586	1370.086	115.1954	213.5972	116.0235	117.6057	0	57.43911	42.56089	42.56089	0	-9999	11
2014.46	2014.592	1370.092	116.1719	205.8508	116.7899	117.272	0	56.13758	43.86242	43.86242	0	-9999	11
2014.465	2014.597	1370.097	113.0075	185.1634	114.1818	114.7875	0	54.98288	45.01712	45.01712	0	-9999	11
2014.47	2014.603	1370.103	112.1052	152.8488	112.7727	113.9717	0	43.95268	56.04732	56.04732	0	-9999	11
2014.475	2014.608	1370.108	110.3376	158.8533	110.5972	110.4118	0	36.06756	63.93244	63.93244	0	-9999	11
2014.48	2014.614	1370.114	105.3686	221.1754	106.8395	107.5688	0	44.21035	55.78965	55.78965	0	-9999	11
2014.485	2014.619	1370.119	103.5639	280.9765	104.9607	108.7554	0	44.3816	55.6184	55.6184	0	-9999	11
2014.49	2014.625	1370.125	105.3686	275.4151	104.6764	106.0732	0	28.21026	71.78974	71.78974	0	-9999	11
2014.495	2014.63	1370.13	101.7222	239.4641	101.957	102.2908	0	29.65247	70.34753	70.34753	0	-9999	11
2014.5	2014.635	1370.135	98.632	229.0898	99.25004	99.96696	0	28.3661	71.6339	71.6339	0	-9999	11
2014.505	2014.641	1370.141	100.4367	175.9808	101.1783	102.8346	0	27.64544	72.35456	72.35456	0	-9999	11
2014.51	2014.646	1370.146	103.5516	110.9697	104.627	105.8507	9.543667	30.10405	60.35228	44.64817	15.70411	27.76827	11
2014.515	2014.652	1370.152	106.3327	108.1584	107.0744	106.8642	10.25181	31.21614	58.53205	46.75137	11.78067	27.76243	11
2014.52	2014.657	1370.157	107.6553	140.0605	108.6071	109.0521	0	37.74122	62.25878	62.25878	0	-9999	11
2014.525	2014.663	1370.163	108.4711	239.3572	110.1893	112.7232	0	54.47932	45.52068	45.52068	0	-9999	11
2014.53	2014.668	1370.168	109.8803	182.4743	110.7332	111.9569	0	43.71914	56.28086	56.28086	0	-9999	11
2014.535	2014.674	1370.174	108.4588	157.4324	109.4353	108.9779	0	40.671	59.329	59.329	0	-9999	11
2014.54	2014.679	1370.179	104.9978	170.8013	106.1226	106.6788	0	36.89525	63.10475	63.10475	0	-9999	11
2014.545	2014.685	1370.185	105.5787	232.8179	106.2091	105.2203	0	37.41324	62.58676	62.58676	0	-9999	11
2014.55	2014.69	1370.19	108.4711	212.6193	109.9297	110.4983	0	49.75043	50.24957	50.24957	0	-9999	11
2014.555	2014.695	1370.195	113.23	177.2337	114.6515	115.6898	0	58.4944	41.5056	41.5056	0	-9999	11
2014.56	2014.701	1370.201	113.5267	158.6242	114.7628	116.0359	0	55.39851	44.60149	44.60149	0	-9999	11
2014.565	2014.706	1370.206	113.984	189.6553	115.3561	118.1496	0	60.7012	39.2988	39.2988	0	-9999	11
2014.57	2014.712	1370.212	114.1324	209.9303	115.3808	117.4574	0	60.6634	39.3366	39.3366	0	-9999	11

2014.575	2014.717	1370.217	115.0223	165.1788	115.8629	120.5847	0	53.91737	46.08263	46.08263	0	-9999	11
2014.58	2014.723	1370.223	113.1064	164.0481	114.4661	117.8777	0	56.39923	43.60077	43.60077	0	-9999	11
2014.585	2014.728	1370.228	116.0112	192.6194	117.717	121.4128	0	72.33179	27.66821	27.66821	0	-9999	11
2014.59	2014.734	1370.234	115.9247	195.7057	117.3709	120.6835	0	68.00743	31.99257	31.99257	0	-9999	11
2014.595	2014.739	1370.239	113.9099	214.8806	115.8876	117.2596	0	71.19115	28.80885	28.80885	0	-9999	11
2014.6	2014.744	1370.244	114.7628	187.6385	116.0854	118.9654	0	62.03078	37.96922	37.96922	0	-9999	11
2014.605	2014.75	1370.25	113.9222	193.1389	114.7751	117.2225	0	53.26381	46.73619	46.73619	0	-9999	11
2014.61	2014.755	1370.255	113.3289	203.1312	115.1212	118.0754	0	65.84346	34.15654	34.15654	0	-9999	11
2014.615	2014.761	1370.261	111.3636	208.2496	112.785	113.5885	0	55.72918	44.27082	44.27082	0	-9999	11
2014.62	2014.766	1370.266	109.324	181.7868	110.4489	112.7603	0	45.69438	54.30562	54.30562	0	-9999	11
2014.625	2014.772	1370.272	108.9161	193.3375	110.3005	112.8592	0	48.57817	51.42183	51.42183	0	-9999	11
2014.63	2014.777	1370.277	109.2375	188.3108	110.7579	113.2177	0	50.52467	49.47533	49.47533	0	-9999	11
2014.635	2014.783	1370.283	107.1856	229.2274	109.46	111.4254	0	56.90885	43.09115	43.09115	0	-9999	11
2014.64	2014.788	1370.288	107.0867	260.3502	109.0397	113.1806	0	55.29772	44.70228	44.70228	0	-9999	11
2014.645	2014.794	1370.294	105.3068	266.4617	107.1609	108.7554	0	50.85072	49.14928	49.14928	0	-9999	11
2014.65	2014.799	1370.299	101.6604	282.428	102.983	104.3303	0	40.85824	59.14176	59.14176	0	-9999	11
2014.655	2014.804	1370.304	100.2265	259.1737	101.2896	103.5887	0	35.32899	64.67101	64.67101	0	-9999	11
2014.66	2014.81	1370.31	101.4132	253.9637	102.3773	103.601	0	35.79598	64.20402	64.20402	0	-9999	11
2014.665	2014.815	1370.315	99.36128	268.3563	100.2018	103.6999	0	33.31539	66.68461	66.68461	0	-9999	11
2014.67	2014.821	1370.321	96.70373	260.8238	97.64314	99.6085	0	30.51732	69.48268	69.48268	0	-9999	11
2014.675	2014.826	1370.326	95.66542	294.5899	95.56654	97.85327	0	25.92213	74.07787	74.07787	0	-9999	11
2014.68	2014.832	1370.332	92.55052	318.0123	91.85832	94.70129	0	22.74819	77.25181	77.25181	0	-9999	11
2014.685	2014.837	1370.337	92.21678	307.4699	92.53816	91.11667	0	26.51907	73.48093	73.48093	0	-9999	11
2014.69	2014.843	1370.343	93.24272	320.1513	92.68649	92.63704	0	23.85984	76.14016	76.14016	0	-9999	11
2014.695	2014.848	1370.348	101.2896	291.1675	99.57141	98.99046	0	19.00353	80.99647	80.99647	0	-9999	11
2014.7	2014.853	1370.353	101.92	135.4004	100.9805	100.1524	20.74721	14.18891	65.06388	41.66733	23.39655	28.40579	11
2014.705	2014.859	1370.359	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2015	2015.181	1370.681	122.55	233.0776	124.0209	129.472	0	95.75193	4.24807	4.24807	0	-9999	11
2015.005	2015.186	1370.686	124.3918	200.5949	125.3188	126.4066	0	88.73013	11.26987	11.26987	0	-9999	11
2015.01	2015.191	1370.691	124.0951	186.2176	125.393	124.3918	0	95.44389	4.556108	4.556108	0	-9999	11
2015.015	2015.197	1370.697	122.3275	201.802	123.1433	124.194	0	78.23633	21.76367	21.76367	0	-9999	11
2015.02	2015.202	1370.702	125.0963	165.3315	125.6896	127.5685	0	81.05014	18.94986	18.94986	0	-9999	11
2015.025	2015.208	1370.708	125.1334	246.8591	125.7144	125.6278	0	86.39312	13.60688	13.60688	0	-9999	11
2015.03	2015.213	1370.713	126.2582	290.6327	127.7168	130.0283	0	100	0	0	0	-9999	11
2015.035	2015.219	1370.719	127.5561	147.0887	128.409	129.5338	0	97.28398	2.716024	2.716024	0	-9999	11
2015.04	2015.224	1370.724	127.9517	141.2675	129.1754	131.4745	0	100	0	0	0	-9999	11
2015.045	2015.23	1370.73	126.5302	149.8694	127.655	129.9788	0	100	0	0	0	-9999	11
2015.05	2015.235	1370.735	126.7527	165.0565	127.6056	127.6921	0	94.74207	5.257929	5.257929	0	-9999	11
2015.055	2015.24	1370.74	124.7255	177.6768	125.7762	123.4647	0	91.62886	8.371142	8.371142	0	-9999	11
2015.06	2015.246	1370.746	123.9962	173.414	125.0963	126.8886	0	89.38293	10.61707	10.61707	0	-9999	11
2015.065	2015.251	1370.751	126.1964	231.3969	127.5932	131.9813	0	100	0	0	0	-9999	11
2015.07	2015.257	1370.757	124.9356	212.711	126.4189	129.608	0	100	0	0	0	-9999	11
2015.075	2015.262	1370.762	124.2434	287.9742	126.8763	128.7922	0	100	0	0	0	-9999	11
2015.08	2015.268	1370.768	123.131	251.3663	124.2434	127.7539	0	91.30002	8.699982	8.699982	0	-9999	11
2015.085	2015.273	1370.773	125.084	223.9867	125.5784	126.7403	0	82.53507	17.46493	17.46493	0	-9999	11
2015.09	2015.279	1370.779	126.0975	158.1047	127.1482	127.8528	0	96.53074	3.469256	3.469256	0	-9999	11
2015.095	2015.284	1370.784	125.2694	162.9022	126.147	127.5932	0	88.67105	11.32895	11.32895	0	-9999	11
2015.1	2015.29	1370.79	124.8615	189.2581	125.1828	125.8503	0	75.18618	24.81382	24.81382	0	-9999	11
2015.105	2015.295	1370.795	123.6501	204.9647	124.6513	127.21	0	87.72643	12.27357	12.27357	0	-9999	11
2015.11	2015.3	1370.8	122.2286	193.9334	122.7849	124.0333	0	71.78627	28.21373	28.21373	0	-9999	11
2015.115	2015.306	1370.806	121.5612	209.4413	122.8343	124.7626	0	85.66968	14.33032	14.33032	0	-9999	11
2015.12	2015.311	1370.811	119.5711	228.3717	120.5723	122.4758	0	74.19758	25.80242	25.80242	0	-9999	11
2015.125	2015.317	1370.817	120.2015	222.138	121.1162	123.5883	0	74.21745	25.78255	25.78255	0	-9999	11
2015.13	2015.322	1370.822	118.4215	193.8876	119.3609	120.3992	0	67.02948	32.97052	32.97052	0	-9999	11
2015.135	2015.328	1370.828	117.581	209.915	119.0148	121.5859	0	74.1707	25.8293	25.8293	0	-9999	11
2015.14	2015.333	1370.833	117.4203	217.1724	118.4339	118.5699	0	66.8442	33.1558	33.1558	0	-9999	11
2015.145	2015.339	1370.839	115.3932	200.7325	116.1101	118.2361	0	55.37716	44.62284	44.62284	0	-9999	11
2015.15	2015.344	1370.844	113.7492	186.3399	114.8246	117.9395	0	55.55239	44.44761	44.44761	0	-9999	11
2015.155	2015.349	1370.849	113.7121	194.6057	114.3672	116.3944	0	50.08175	49.91825	49.91825	0	-9999	11
2015.16	2015.355	1370.855	113.7492	209.5789	113.7986	115.2572	0	42.82461	57.17539	57.17539	0	-9999	11
2015.165	2015.36	1370.86	115.3066	237.4779	116.3449	118.7924	0	62.55986	37.44014	37.44014	0	-9999	11
2015.17	2015.366	1370.866	114.7875	302.6724	115.3808	117.5068	0	58.94928	41.05072	41.05072	0	-9999	11
2015.175	2015.371	1370.871	110.4489	238.746	111.549	114.2436	0	51.63542	48.36458	48.36458	0	-9999	11
2015.18	2015.377	1370.877	111.6108	219.7392	111.4872	113.3165	0	37.68848	62.31152	62.31152	0	-9999	11
2015.185	2015.382	1370.882	111.8456	195.4002	112.4142	113.9222	0	45.03179	54.96821	54.96821	0	-9999	11
2015.19	2015.388	1370.888	110.8815	135.7977	111.2894	114.2807	1.964737	37.20082	60.83445	60.83445	0	-9999	11
2015.195	2015.393	1370.893	109.9421	98.7314	109.9792	109.905	14.67291	28.8461	56.48098	29.36775	27.11323	27.44355	11
2015.2	2015.399	1370.899	110.1151	148.586	110.795	110.7208	0	39.86592	60.13408	60.13408	0	-9999	11
2015.205	2015.404	1370.904	109.2499	196.5155	109.8926	112.1546	0	41.08452	58.91548	58.91548	0	-9999	11
2015.21	2015.409	1370.909	106.8766	207.2565	108.3228	112.8345	0	45.93504	54.06496	54.06496	0	-9999	11
2015.215	2015.415	1370.915	106.1597	284.0017	107.3463	110.795	0	47.13906	52.86094	52.86094	0	-9999	11
2015.22	2015.42	1370.92	102.8099	270.0981	104.8618	109.7814	0	48.00964	51.99036	51.99036	0	-9999	11
2015.225	2015.426	1370.926	106.4316	218.2114	107.5194	110.6343	0	42.20711	57.79289	57.79289	0	-9999	11

2015.23	2015.431	1370.931	109.1757	214.2389	109.6083	110.8938	0	39.82177	60.17823	60.17823	0	-9999	11
2015.235	2015.437	1370.937	107.6183	187.4399	108.7307	111.9569	0	42.55911	57.44089	57.44089	0	-9999	11
2015.24	2015.442	1370.942	105.4057	177.4782	106.617	109.6825	0	38.85223	61.14777	61.14777	0	-9999	11
2015.245	2015.448	1370.948	104.6146	239.3725	104.9236	103.601	0	33.63498	66.36502	66.36502	0	-9999	11
2015.25	2015.453	1370.953	107.8531	335.2009	105.7765	104.355	0	21.54171	78.45829	78.45829	0	-9999	11
2015.255	2015.458	1370.958	105.2079	254.4373	104.4415	105.2574	0	26.02124	73.97876	73.97876	0	-9999	11
2015.26	2015.464	1370.964	102.7852	236.8209	102.3526	102.7976	0	25.44622	74.55378	74.55378	0	-9999	11
2015.265	2015.469	1370.969	101.3143	156.0421	101.1907	102.3897	9.986644	20.9726	69.04076	53.26897	15.77179	28.29142	11
2015.27	2015.475	1370.975	98.61964	172.3445	98.37242	99.88043	9.478477	18.97006	71.55147	60.3461	11.20536	28.30058	11
2015.275	2015.48	1370.98	98.48367	184.8884	98.29826	97.90272	6.088973	20.09894	73.81209	73.81209	0	-9999	11
2015.28	2015.486	1370.986	98.78033	214.193	98.75561	97.39593	0	23.33489	76.66511	76.66511	0	-9999	11
2015.285	2015.491	1370.991	97.72967	175.3239	98.06341	97.70494	5.07385	22.0443	72.88185	72.88185	0	-9999	11
2015.29	2015.497	1370.997	97.9398	164.2468	98.33534	102.1919	7.08221	21.87573	71.04206	57.92728	13.11479	-9999	11
2015.295	2015.502	1371.002	101.9323	193.6737	101.6727	102.3897	1.364954	23.08098	75.55406	75.55406	0	-9999	11
2015.3	2015.508	1371.008	100.6839	161.6035	100.8569	100.3131	6.921637	22.86963	70.20874	61.86198	8.346756	-9999	11
2015.305	2015.513	1371.013	97.7173	137.1575	98.02632	98.48367	14.51307	19.30415	66.18278	53.2223	12.96048	28.14356	11
2015.31	2015.518	1371.018	94.86198	131.1377	95.31932	94.39227	17.44723	17.29354	65.25923	40.04496	25.21427	28.28754	11
2015.315	2015.524	1371.024	97.40829	148.8152	97.98924	98.6938	9.868702	21.4783	68.65299	52.86647	15.78652	28.38205	11
2015.32	2015.529	1371.029	97.86563	191.886	98.19937	100.6221	0.940711	23.28647	75.77282	75.77282	0	-9999	11
2015.325	2015.535	1371.035	95.17099	194.6057	96.88914	100.2513	0	28.95825	71.04175	71.04175	0	-9999	11
2015.33	2015.54	1371.04	98.26118	155.5073	99.07699	101.6851	5.644437	24.29544	70.06012	64.50802	5.552104	-9999	11
2015.335	2015.546	1371.046	96.82733	183.498	97.92744	99.52197	0	26.4104	73.5896	73.5896	0	-9999	11
2015.34	2015.551	1371.051	98.82977	157.1268	99.44781	101.92	6.26213	23.71632	70.02155	60.85674	9.164818	-9999	11
2015.345	2015.557	1371.057	94.07089	200.4116	95.05975	96.03625	0	24.12291	75.87709	75.87709	0	-9999	11
2015.35	2015.562	1371.062	95.26988	171.7181	96.65428	98.65672	0.066822	25.592	74.34118	74.34118	0	-9999	11
2015.355	2015.567	1371.067	93.47757	165.3774	94.49115	96.34526	6.12406	21.34234	72.5336	64.58692	7.946675	-9999	11
2015.36	2015.573	1371.073	95.20808	195.2015	95.51709	97.16107	2.774906	21.09431	76.13078	73.84859	2.282197	-9999	11
2015.365	2015.578	1371.078	93.09439	208.6469	94.3181	97.53189	0	24.98986	75.01014	75.01014	0	-9999	11
2015.37	2015.584	1371.084	93.44049	172.6806	94.52824	96.15985	3.816015	22.18522	73.99877	71.04211	2.95666	-9999	11
2015.375	2015.589	1371.089	95.05975	158.9909	96.53067	99.36128	2.66956	24.99745	72.33299	68.31819	4.014794	-9999	11
2015.38	2015.595	1371.095	94.07089	176.0572	95.38113	98.36006	0.694589	24.20292	75.10249	75.10249	0	-9999	11
2015.385	2015.6	1371.1	91.69763	221.0838	93.18092	97.87799	0	25.8033	74.1967	74.1967	0	-9999	11
2015.39	2015.606	1371.106	91.35153	220.0448	92.3033	96.41943	0	22.91208	77.08792	77.08792	0	-9999	11
2015.395	2015.611	1371.111	89.15132	256.118	89.76935	87.00055	0	22.2995	77.7005	77.7005	0	-9999	11
2015.4	2015.617	1371.117	91.00543	270.2814	91.40097	91.40097	0	23.52795	76.47205	76.47205	0	-9999	11
2015.405	2015.622	1371.122	89.86824	239.8767	90.49864	91.27736	0	21.73043	78.26957	78.26957	0	-9999	11
2015.41	2015.627	1371.127	89.60867	206.7981	90.53572	95.20808	0.330207	20.57276	79.09704	79.09704	0	-9999	11
2015.415	2015.633	1371.133	86.5432	208.6469	87.19832	89.63339	4.810544	17.63746	77.55199	70.30119	7.250805	-9999	11
2015.42	2015.638	1371.138	85.08464	176.4087	85.57907	88.68161	15.19941	14.11437	70.68622	43.06164	27.62458	27.13079	11
2015.425	2015.644	1371.144	85.97461	273.7038	85.39366	85.41838	0	17.52044	82.47956	82.47956	0	-9999	11
2015.43	2015.649	1371.149	86.40724	324.0779	86.44432	86.35779	0	23.17973	76.82027	76.82027	0	-9999	11
2015.435	2015.655	1371.155	89.63339	190.0832	89.89296	89.80644	9.525453	16.67312	73.80143	59.96533	13.8361	28.311	11
2015.44	2015.66	1371.16	91.01779	175.1558	90.94362	90.511	14.45071	15.05661	70.49268	47.42917	23.06352	28.05055	11
2015.445	2015.666	1371.166	91.5493	261.9392	91.85832	93.26744	0	22.93788	77.06212	77.06212	0	-9999	11
2015.45	2015.671	1371.171	90.511	201.8172	91.03015	94.87434	3.86669	19.1183	77.01501	77.01501	0	-9999	11
2015.455	2015.676	1371.176	90.35031	185.0106	90.73349	93.05731	9.135485	17.29109	73.57342	55.21549	18.35793	27.9759	11
2015.46	2015.682	1371.182	89.86824	194.7126	90.26378	91.72235	7.135304	17.69281	75.17189	70.86927	4.302612	-9999	11
2015.465	2015.687	1371.187	88.10066	195.5682	89.21312	88.48384	2.998275	19.48648	77.51524	77.51524	0	-9999	11
2015.47	2015.693	1371.193	88.4344	181.3437	89.48506	92.78537	6.61255	18.51746	74.86999	73.7387	1.13129	-9999	11
2015.475	2015.698	1371.198	85.48018	198.3337	86.45668	88.64453	5.793624	17.44665	76.75973	75.1453	1.61443	-9999	11
2015.48	2015.704	1371.204	83.74968	200.4422	84.19466	85.1588	10.99465	14.92458	74.08077	61.86677	12.214	27.62169	11
2015.485	2015.709	1371.209	84.62729	194.239	84.80034	87.79164	13.79592	14.05502	72.14906	48.98023	23.16883	27.02856	11
2015.49	2015.715	1371.215	82.36528	216.6376	82.78554	86.12294	8.540582	15.31821	76.14121	64.06289	12.07832	27.2325	11
2015.495	2015.72	1371.22	84.50368	234.0707	85.39366	91.27736	0	18.99968	81.00032	81.00032	0	-9999	11
2015.5	2015.726	1371.226	84.1823	264.3838	85.01047	89.1266	0	20.668	79.332	79.332	0	-9999	11
2015.505	2015.731	1371.231	81.51239	285.9574	82.99567	85.48018	0	22.64794	77.35206	77.35206	0	-9999	11
2015.51	2015.736	1371.236	82.66193	250.0982	83.53955	84.96103	0	19.05924	80.94076	80.94076	0	-9999	11
2015.515	2015.742	1371.242	81.92029	260.3044	82.62485	86.24655	0	18.88103	81.11897	81.11897	0	-9999	11
2015.52	2015.747	1371.247	82.11806	295.0636	82.94623	89.1266	0	21.67762	78.32238	78.32238	0	-9999	11
2015.525	2015.753	1371.253	82.52597	308.5394	83.72496	85.27005	0	23.89759	76.10241	76.10241	0	-9999	11
2015.53	2015.758	1371.258	83.23053	268.9674	84.21939	89.22548	0	20.96973	79.03027	79.03027	0	-9999	11
2015.535	2015.764	1371.264	83.58899	181.9854	84.61493	86.22182	11.10662	15.41096	73.48242	47.91655	25.56587	27.75896	11
2015.54	2015.769	1371.269	84.10814	238.7155	85.22061	85.41838	0	19.81375	80.18625	80.18625	0	-9999	11
2015.545	2015.775	1371.275	88.64453	302.3515	90.73349	92.68649	0	31.17303	68.82697	68.82697	0	-9999	11
2015.55	2015.78	1371.28	88.53328	284.0476	89.95477	92.32803	0	27.03534	72.96466	72.96466	0	-9999	11
2015.555	2015.786	1371.286	88.02649	249.1814	89.26256	91.38861	0	23.54321	76.45679	76.45679	0	-9999	11
2015.56	2015.791	1371.291	88.13774	236.5153	89.16368	91.19084	0	21.93332	78.06668	78.06668	0	-9999	11
2015.565	2015.796	1371.296	90.28851	244.2005	91.63583	95.34404	0	25.46749	74.53251	74.53251	0	-9999	11
2015.57	2015.802	1371.302	94.3181	194.1626	95.40585	98.21173	0	24.46643	75.53357	75.53357	0	-9999	11
2015.575	2015.807	1371.307	97.04983	192.0236	97.81619	98.73088	0	25.17683	74.82317	74.82317	0	-9999	11
2015.58	2015.813	1371.313	96.60484	147.9749	97.33412	99.20059	9.661686	21.53745	68.80087	54.80448	13.99639	28.19278	11
2015.585	2015.818	1371.318	94.12033	177.0656	94.50351	96.83969	7.589744	19.41062	72.99964	70.13046	2.869179	-9999	11
2015.59	2015.824	1371.324	93.77423	167.8831	94.59004	96.74081	6.777482	20.75009	72.47243	65.18515	7.287277	-9999	11

2015.595	2015.829	1371.329	93.31688	211.1067	94.81253	98.10049	0	26.78697	73.21303	73.21303	0	-9999	11
2015.6	2015.835	1371.335	94.51588	172.1306	95.5789	98.50839	3.151362	23.03658	73.81206	73.81206	0	-9999	11
2015.605	2015.84	1371.34	93.66299	178.3949	94.68893	97.27232	2.707449	22.45489	74.83766	74.83766	0	-9999	11
2015.61	2015.845	1371.345	93.34161	182.5049	94.13269	94.34283	3.828618	21.23866	74.93272	67.20308	7.729636	-9999	11
2015.615	2015.851	1371.351	95.70251	197.9212	95.73959	94.99794	3.769387	20.16903	76.06158	74.66136	1.400223	-9999	11
2015.62	2015.856	1371.356	97.01274	172.589	97.63078	97.70494	4.191964	22.92666	72.88138	71.39084	1.490544	-9999	11
2015.625	2015.862	1371.362	96.74081	197.4475	97.76675	100.0658	0	26.80424	73.19576	73.19576	0	-9999	11
2015.63	2015.867	1371.367	94.12033	197.417	96.09805	98.14993	0	29.37431	70.62569	70.62569	0	-9999	11
2015.635	2015.873	1371.373	91.01779	211.3665	92.01901	92.68649	0	22.28625	77.71375	77.71375	0	-9999	11
2015.64	2015.878	1371.378	92.37747	200.3199	94.20686	97.61842	0	26.80415	73.19585	73.19585	0	-9999	11
2015.645	2015.884	1371.384	90.31323	255.461	91.85832	95.62834	0	27.14088	72.85912	72.85912	0	-9999	11
2015.65	2015.889	1371.389	89.49742	231.183	90.44919	94.87434	0	22.24208	77.75792	77.75792	0	-9999	11
2015.655	2015.895	1371.395	88.11302	244.6436	89.49742	90.10309	0	23.89619	76.10381	76.10381	0	-9999	11
2015.66	2015.9	1371.4	90.01657	261.2211	91.74707	94.57768	0	28.09832	71.90168	71.90168	0	-9999	11
2015.665	2015.905	1371.405	90.32559	232.3289	92.00665	96.76553	0	26.2095	73.7905	73.7905	0	-9999	11
2015.67	2015.911	1371.411	90.511	174.178	91.78415	92.76065	4.711863	20.59532	74.69282	65.80291	8.889912	-9999	11
2015.675	2015.916	1371.416	89.02771	175.8128	90.9189	92.22914	0.891076	22.13482	76.9741	76.9741	0	-9999	11
2015.68	2015.922	1371.422	86.03641	215.0945	87.89052	90.58516	0	22.11066	77.88934	77.88934	0	-9999	11
2015.685	2015.927	1371.427	84.96103	304.2308	86.02405	88.38495	0	24.57813	75.42187	75.42187	0	-9999	11
2015.69	2015.933	1371.433	88.19954	468.4776	88.18718	87.30957	0	33.61222	66.38778	66.38778	0	-9999	11
2015.695	2015.938	1371.438	85.1588	321.7097	86.77806	91.93248	0	27.80695	72.19305	72.19305	0	-9999	11
2015.7	2015.944	1371.444	83.60135	257.2181	84.87451	86.43196	0	21.2817	78.7183	78.7183	0	-9999	11
2015.705	2015.949	1371.449	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2016.025	2016.298	1371.798	108.1003	307.3324	110.4612	105.5664	0	65.4867	34.5133	34.5133	0	-9999	11
2016.03	2016.303	1371.803	109.8679	230.8469	108.8667	107.7542	0	26.34204	73.65796	73.65796	0	-9999	11
2016.035	2016.309	1371.809	111.2523	230.526	112.031	109.1633	0	48.83686	51.16314	51.16314	0	-9999	11
2016.04	2016.314	1371.814	113.0817	231.7178	112.785	113.5143	0	38.60823	61.39177	61.39177	0	-9999	11
2016.045	2016.32	1371.82	117.1607	230.8163	117.3338	117.6922	0	53.07693	46.92307	46.92307	0	-9999	11
2016.05	2016.325	1371.825	118.8789	221.4352	119.0766	119.979	0	56.96185	43.03815	43.03815	0	-9999	11
2016.055	2016.331	1371.831	120.0284	199.6629	120.5599	121.0049	0	64.7539	35.2461	35.2461	0	-9999	11
2016.06	2016.336	1371.836	118.6687	226.798	118.5575	118.7182	0	51.43574	48.56426	48.56426	0	-9999	11
2016.065	2016.341	1371.841	118.6317	263.5893	119.2868	122.7478	0	67.27229	32.72771	32.72771	0	-9999	11
2016.07	2016.347	1371.847	118.0507	259.8766	119.0519	119.7441	0	71.43561	28.56439	28.56439	0	-9999	11
2016.075	2016.352	1371.852	117.6922	267.8521	118.3844	115.492	0	65.55537	34.44463	34.44463	0	-9999	11
2016.08	2016.358	1371.858	115.8629	288.5854	116.7776	117.7788	0	65.59317	34.40683	34.40683	0	-9999	11
2016.085	2016.363	1371.863	119.1014	258.8682	119.4227	119.1632	0	62.26499	37.73501	37.73501	0	-9999	11
2016.09	2016.369	1371.869	119.225	267.9896	120.0284	120.2138	0	72.04044	27.95956	27.95956	0	-9999	11
2016.095	2016.374	1371.874	116.2708	273.5816	116.7157	111.3759	0	58.22748	41.77252	41.77252	0	-9999	11
2016.1	2016.38	1371.88	119.7936	230.4649	120.1768	118.9901	0	63.35969	36.64031	36.64031	0	-9999	11
2016.105	2016.385	1371.885	115.7763	280.5029	115.8381	113.8481	0	51.71036	48.28964	48.28964	0	-9999	11
2016.11	2016.391	1371.891	118.7429	256.1638	118.8912	117.7541	0	58.09992	41.90008	41.90008	0	-9999	11
2016.115	2016.396	1371.896	120.0408	262.4892	120.2509	121.9443	0	62.95641	37.04359	37.04359	0	-9999	11
2016.12	2016.401	1371.901	120.2756	259.8766	121.3881	122.1297	0	80.92062	19.07938	19.07938	0	-9999	11
2016.125	2016.407	1371.907	120.1026	241.4045	120.4611	118.0136	0	64.49828	35.50172	35.50172	0	-9999	11
2016.13	2016.412	1371.912	116.5798	245.1173	116.7776	114.7257	0	53.12909	46.87091	46.87091	0	-9999	11
2016.135	2016.418	1371.918	117.7541	270.3578	118.0878	117.5934	0	59.80929	40.19071	40.19071	0	-9999	11
2016.14	2016.423	1371.923	117.4821	271.0148	117.1484	116.1719	0	48.28595	51.71405	51.71405	0	-9999	11
2016.145	2016.429	1371.929	117.2596	266.1867	117.0124	115.5415	0	48.91666	51.08334	51.08334	0	-9999	11
2016.15	2016.434	1371.934	115.8876	260.6405	116.4067	115.492	0	57.59297	42.40703	42.40703	0	-9999	11
2016.155	2016.44	1371.94	117.7788	239.4794	117.8777	117.2473	0	53.85222	46.14778	46.14778	0	-9999	11
2016.16	2016.445	1371.945	118.2114	231.7178	118.3474	112.8345	0	54.95897	45.04103	45.04103	0	-9999	11
2016.165	2016.45	1371.95	117.3214	232.9554	117.89	118.7676	0	60.11465	39.88535	39.88535	0	-9999	11
2016.17	2016.456	1371.956	115.2201	242.4893	115.5044	115.4797	0	51.29837	48.70163	48.70163	0	-9999	11
2016.175	2016.461	1371.961	114.5897	246.4618	115.5415	117	0	59.96137	40.03863	40.03863	0	-9999	11
2016.18	2016.467	1371.967	113.502	267.3173	114.0582	113.984	0	53.15619	46.84381	46.84381	0	-9999	11
2016.185	2016.472	1371.972	112.5625	268.9674	113.8604	118.162	0	61.20747	38.79253	38.79253	0	-9999	11
2016.19	2016.478	1371.978	112.7603	282.3822	114.0211	113.4896	0	62.1106	37.8894	37.8894	0	-9999	11
2016.195	2016.483	1371.983	114.5773	279.9834	115.6033	115.8381	0	63.29263	36.70737	36.70737	0	-9999	11
2016.2	2016.489	1371.989	112.2041	311.8397	112.2164	115.7145	0	46.53463	53.46537	53.46537	0	-9999	11
2016.205	2016.494	1371.994	112.5255	286.263	113.057	117.1731	0	52.05692	47.94308	47.94308	0	-9999	11
2016.21	2016.5	1372	114.6762	300.2889	115.2572	117.3709	0	58.34973	41.65027	41.65027	0	-9999	11
2016.215	2016.505	1372.005	115.9988	309.3034	116.4809	118.7429	0	60.56904	39.43096	39.43096	0	-9999	11
2016.22	2016.51	1372.01	116.3202	268.2952	116.2831	115.6651	0	50.48608	49.51392	49.51392	0	-9999	11
2016.225	2016.516	1372.016	117.2225	264.6741	117.445	119.6576	0	56.3079	43.6921	43.6921	0	-9999	11
2016.23	2016.521	1372.021	116.6663	248.8911	117.3338	119.089	0	61.10065	38.89935	38.89935	0	-9999	11
2016.235	2016.527	1372.027	116.5056	261.2669	117.2596	118.5328	0	62.91153	37.08847	37.08847	0	-9999	11
2016.24	2016.532	1372.032	116.4685	273.5969	117.0124	116.2708	0	60.27627	39.72373	39.72373	0	-9999	11
2016.245	2016.538	1372.038	115.319	202.3367	115.9617	117.2967	0	54.17669	45.82331	45.82331	0	-9999	11
2016.25	2016.543	1372.043	115.0223	184.9648	115.3932	114.7998	0	48.26287	51.73713	51.73713	0	-9999	11
2016.255	2016.549	1372.049	113.9469	166.2177	114.6886	113.984	0	49.92233	50.07767	50.07767	0	-9999	11
2016.26	2016.554	1372.054	111.7591	190.0832	112.2535	111.549	0	43.56685	56.43315	56.43315	0	-9999	11
2016.265	2016.559	1372.059	112.6738	242.7185	113.5885	115.8381	0	54.52133	45.47867	45.47867	0	-9999	11
2016.27	2016.565	1372.065	115.8876	189.8692	115.9988	114.9234	0	46.56865	53.43135	53.43135	0	-9999	11

2016.275	2016.57	1372.07	115.01	160.0604	115.6404	115.5662	0	50.39502	49.60498	49.60498	0	-9999	11
2016.28	2016.576	1372.076	114.2312	210.9234	114.9111	114.12	0	52.71987	47.28013	47.28013	0	-9999	11
2016.285	2016.581	1372.081	110.4736	290.9077	110.9062	111.277	0	47.2336	52.7664	52.7664	0	-9999	11
2016.29	2016.587	1372.087	110.078	279.8612	110.5725	111.9321	0	46.50405	53.49595	53.49595	0	-9999	11
2016.295	2016.592	1372.092	109.2622	261.6031	109.5218	109.9297	0	41.25758	58.74242	58.74242	0	-9999	11
2016.3	2016.598	1372.098	108.5824	243.1921	108.2734	106.4687	0	33.01682	66.98318	66.98318	0	-9999	11
2016.305	2016.603	1372.103	110.9309	205.2855	110.832	107.8407	0	35.97089	64.02911	64.02911	0	-9999	11
2016.31	2016.609	1372.109	111.7591	178.5018	112.1917	113.4896	0	42.00939	57.99061	57.99061	0	-9999	11
2016.315	2016.614	1372.114	112.612	147.7457	112.9952	112.6491	0	40.94134	59.05866	59.05866	0	-9999	11
2016.32	2016.619	1372.119	111.104	153.8419	111.7097	113.4154	0	41.22946	58.77054	58.77054	0	-9999	11
2016.325	2016.625	1372.125	108.5453	180.9006	109.5589	111.1658	0	42.82707	57.17293	57.17293	0	-9999	11
2016.33	2016.63	1372.13	109.9668	157.0046	110.9433	114.3672	0	43.6216	56.3784	56.3784	0	-9999	11
2016.335	2016.636	1372.136	109.6825	157.0046	110.1398	111.6231	0	37.09403	62.90597	62.90597	0	-9999	11
2016.34	2016.641	1372.141	107.8531	156.7143	108.0385	107.6677	1.413343	31.27129	67.31537	67.31537	0	-9999	11
2016.345	2016.647	1372.147	104.1325	172.4515	104.3921	103.7246	0.453117	28.09101	71.45587	71.45587	0	-9999	11
2016.35	2016.652	1372.152	105.999	182.291	105.245	100.9064	4.210043	21.9405	73.84946	73.84946	0	-9999	11
2016.355	2016.658	1372.158	104.8	198.3795	104.8124	104.9483	0	28.51545	71.48455	71.48455	0	-9999	11
2016.36	2016.663	1372.163	106.0237	194.514	105.9866	105.9248	0	29.25871	70.74129	70.74129	0	-9999	11
2016.365	2016.668	1372.168	107.0744	176.4239	107.371	106.4069	0	32.59846	67.40154	67.40154	0	-9999	11
2016.37	2016.674	1372.174	105.6282	141.3897	105.7023	106.1473	8.030995	26.20536	65.76365	61.94248	3.821164	28.28234	11
2016.375	2016.679	1372.179	103.737	155.2934	103.4032	100.8693	9.567459	21.59076	68.84178	65.67129	3.170497	28.99646	11
2016.38	2016.685	1372.185	103.6381	145.4539	103.7617	101.2154	8.495159	24.54992	66.95493	53.28115	13.67378	28.92295	11
2016.385	2016.69	1372.19	102.5009	190.022	102.847	100.1524	0	28.03965	71.96035	71.96035	0	-9999	11
2016.39	2016.696	1372.196	102.1672	156.5768	101.7098	99.39836	11.65906	19.31488	69.02607	57.93899	11.08707	28.87357	11
2016.395	2016.701	1372.201	102.3526	167.4706	102.2908	100.7333	5.786727	23.19799	71.01528	55.99326	15.02203	-9999	11
2016.4	2016.707	1372.207	102.6122	150.4653	102.9212	103.4774	6.789322	25.20645	68.00423	56.10754	11.8967	-9999	11
2016.405	2016.712	1372.212	102.1795	189.3498	102.0806	100.6839	0.938554	24.22288	74.83856	74.83856	0	-9999	11
2016.41	2016.718	1372.218	101.4132	194.1167	100.758	99.91752	4.800807	19.82301	75.37618	67.00078	8.375405	-9999	11
2016.415	2016.723	1372.223	101.4255	191.7944	101.1907	100.0535	2.094397	22.68218	75.22343	75.22343	0	-9999	11
2016.42	2016.728	1372.228	101.2401	187.5927	101.2525	105.0967	1.365864	24.01677	74.61737	74.61737	0	-9999	11
2016.425	2016.734	1372.234	101.3143	188.9678	100.6592	99.386	6.137827	19.40286	74.45932	62.03341	12.42591	-9999	11
2016.43	2016.739	1372.239	101.3266	167.165	101.512	101.5615	4.888628	23.98775	71.12362	64.19679	6.926831	-9999	11
2016.435	2016.745	1372.245	102.6863	186.7065	103.4032	104.8989	0	30.99915	69.00085	69.00085	0	-9999	11
2016.44	2016.75	1372.25	102.4144	193.6125	103.6257	106.0732	0	35.09691	64.90309	64.90309	0	-9999	11
2016.445	2016.756	1372.256	101.5739	222.7339	103.0201	102.5998	0	37.67653	62.32347	62.32347	0	-9999	11
2016.45	2016.761	1372.261	102.8717	237.0806	103.5392	102.402	0	34.24274	65.75726	65.75726	0	-9999	11
2016.455	2016.767	1372.267	100.4985	216.2251	100.9805	97.92744	0	28.56626	71.43374	71.43374	0	-9999	11
2016.46	2016.772	1372.272	99.69502	166.6455	100.1524	103.7493	4.407924	24.1847	71.40738	71.40738	0	-9999	11
2016.465	2016.777	1372.277	99.31184	148.3874	99.50961	101.3019	11.19063	20.81829	67.99108	57.92935	10.06173	28.06708	11
2016.47	2016.783	1372.283	98.64436	197.9517	98.55783	99.41073	2.013443	21.73192	76.25463	76.25463	0	-9999	11
2016.475	2016.788	1372.288	96.56776	181.0687	97.17343	98.48367	2.645056	23.00175	74.3532	71.46429	2.888907	-9999	11
2016.48	2016.794	1372.294	94.46643	164.8121	94.36755	93.94728	13.97273	16.34532	69.68195	57.73519	11.94676	28.2411	11
2016.485	2016.799	1372.299	95.49237	145.9275	95.10919	93.8484	19.80222	14.23911	65.95866	38.32968	27.62898	28.23009	11
2016.49	2016.805	1372.305	96.50595	159.984	96.15985	98.23646	15.18068	16.04025	68.77907	57.08698	11.69208	27.77963	11
2016.495	2016.81	1372.31	95.45529	186.3093	95.2328	95.28224	8.818605	17.80097	73.38043	67.27663	6.103802	28.52994	11
2016.5	2016.816	1372.316	94.91142	154.6059	94.50351	94.02145	18.42814	14.34218	67.22968	34.6917	32.53798	28.0756	11
2016.505	2016.821	1372.321	95.85083	151.3056	95.80139	94.50351	15.58445	16.65388	67.76167	45.41696	22.34472	28.38385	11
2016.51	2016.827	1372.327	95.75195	169.8541	96.03625	93.51466	8.600224	19.68395	71.71582	69.35209	2.363736	29.07133	11
2016.515	2016.832	1372.332	95.50473	203.3604	95.2328	94.07089	5.029933	18.71894	76.25113	76.25113	0	-9999	11
2016.52	2016.837	1372.337	92.51344	163.7578	93.06967	93.29216	10.94744	18.14892	70.90364	57.39752	13.50612	28.34449	11
2016.525	2016.843	1372.343	93.47757	163.8648	93.44049	94.02145	14.63274	15.94644	69.42082	52.96847	16.45235	27.99042	11
2016.53	2016.848	1372.348	94.49115	111.0461	94.55296	96.79025	25.71601	13.5628	60.7212	44.60833	16.11286	27.65429	11
2016.535	2016.854	1372.354	98.5702	106.7222	98.632	98.0016	23.00967	16.45348	60.53685	44.22107	16.31578	28.19318	11
2016.54	2016.859	1372.359	100.3007	155.9504	100.7951	101.203	6.151539	24.36911	69.47935	69.47935	0	-9999	11
2016.545	2016.865	1372.365	103.2673	181.9548	103.6505	101.9447	0	28.70478	71.29522	71.29522	0	-9999	11
2016.55	2016.87	1372.37	103.8853	200.6561	103.8359	103.5268	0	27.12451	72.87549	72.87549	0	-9999	11
2016.555	2016.876	1372.376	103.3414	199.9685	103.5763	103.601	0	28.79866	71.20134	71.20134	0	-9999	11
2016.56	2016.881	1372.381	104.046	186.9663	103.8853	102.4267	0.277184	25.45165	74.27117	74.27117	0	-9999	11
2016.565	2016.887	1372.387	104.5157	188.3872	104.8865	104.5281	0	30.60452	69.39548	69.39548	0	-9999	11
2016.57	2016.892	1372.392	104.0089	208.0663	103.5268	103.601	0	24.20473	75.79527	75.79527	0	-9999	11
2016.575	2016.897	1372.397	102.7728	191.5805	102.4885	100.6592	1.28981	23.5218	75.18839	75.18839	0	-9999	11
2016.58	2016.903	1372.403	103.428	191.5041	103.2673	104.3427	0	25.12407	74.87593	74.87593	0	-9999	11
2016.585	2016.908	1372.408	103.8853	173.7501	103.8359	102.9706	2.761162	25.30836	71.93047	71.93047	0	-9999	11
2016.59	2016.914	1372.414	105.109	174.9266	105.5664	102.7976	0	31.25233	68.74767	68.74767	0	-9999	11
2016.595	2016.919	1372.419	104.5157	219.6781	104.7382	103.8606	0	31.43134	68.56866	68.56866	0	-9999	11
2016.6	2016.925	1372.425	107.4452	159.602	107.9396	108.9779	0	33.99382	66.00618	66.00618	0	-9999	11
2016.605	2016.93	1372.43	108.4959	145.897	108.7184	109.2993	3.152421	31.8685	64.97908	62.06707	2.912009	-9999	11
2016.61	2016.936	1372.436	109.2746	217.0043	108.706	107.4576	0	29.36496	70.63504	70.63504	0	-9999	11
2016.615	2016.941	1372.441	105.3439	260.0599	106.135	107.5194	0	40.38704	59.61296	59.61296	0	-9999	11
2016.62	2016.946	1372.446	105.109	312.5119	105.554	102.1177	0	40.42815	59.57185	59.57185	0	-9999	11
2016.625	2016.952	1372.452	101.92	302.5807	101.5491	99.74446	0	29.59994	70.40006	70.40006	0	-9999	11
2016.63	2016.957	1372.457	99.386	400.5635	99.55905	100.6839	0	37.74519	62.25481	62.25481	0	-9999	11
2016.635	2016.963	1372.463	99.28712	377.355	100.3501	102.5504	0	42.12081	57.87919	57.87919	0	-9999	11

2016.64	2016.968	1372.468	100.2265	388.4168	102.2043	106.0608	0	50.85327	49.14673	49.14673	0	-9999	11
2016.645	2016.974	1372.474	97.87799	327.3629	98.68144	102.4885	0	35.40317	64.59683	64.59683	0	-9999	11
2016.65	2016.979	1372.479	96.39471	432.2211	97.0251	100.5974	0	39.93778	60.06222	60.06222	0	-9999	11
2016.655	2016.985	1372.485	97.19815	369.41	98.11285	99.64558	0	38.21696	61.78304	61.78304	0	-9999	11
2016.66	2016.99	1372.49	95.75195	348.1114	96.41943	95.76431	0	33.87798	66.12202	66.12202	0	-9999	11
2016.665	2016.996	1372.496	96.23402	415.9339	96.34526	97.3712	0	35.70379	64.29621	64.29621	0	-9999	11
2016.67	2017.001	1372.501	96.79025	341.5263	96.22166	94.8867	0	27.22218	72.77782	72.77782	0	-9999	11
2016.675	2017.006	1372.506	93.45285	334.8953	93.66299	94.14505	0	28.69427	71.30573	71.30573	0	-9999	11
2016.68	2017.012	1372.512	93.48993	304.1239	94.12033	91.90776	0	28.75478	71.24522	71.24522	0	-9999	11
2016.685	2017.017	1372.517	91.09195	300.075	91.01779	89.91768	0	23.53039	76.46961	76.46961	0	-9999	11
2016.69	2017.023	1372.523	93.37869	188.1733	94.10797	93.31688	2.901723	21.33861	75.75967	75.75967	0	-9999	11
2016.695	2017.028	1372.528	93.11911	281.878	92.88426	88.92883	0	22.73484	77.26516	77.26516	0	-9999	11
2016.7	2017.034	1372.534	99.05226	490.097	99.86807	96.51831	0	47.75976	52.24024	52.24024	0	-9999	11
2016.705	2017.039	1372.539	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2017.1	2017.47	1372.97	128.3843	222.4894	128.7057	128.3843	0	90.99089	9.009111	9.009111	0	-9999	-9999
2017.105	2017.475	1372.975	123.9468	233.9332	124.8862	128.5079	0	89.44213	10.55787	10.55787	0	-9999	-9999
2017.11	2017.481	1372.981	119.4598	273.4747	120.1644	122.7354	0	71.29165	28.70835	28.70835	0	-9999	-9999
2017.115	2017.486	1372.986	115.5662	276.7138	115.9617	116.1224	0	56.03658	43.96342	43.96342	0	-9999	-9999
2017.12	2017.492	1372.992	112.5378	283.1156	112.5007	112.1052	0	44.52916	55.47084	55.47084	0	-9999	-9999
2017.125	2017.497	1372.997	115.6404	229.151	116.0606	116.1224	0	53.37031	46.62969	46.62969	0	-9999	-9999
2017.13	2017.502	1373.002	114.293	292.0842	115.3808	116.4933	0	64.27696	35.72304	35.72304	0	-9999	-9999
2017.135	2017.508	1373.008	112.8098	270.0522	113.7615	111.7344	0	57.18329	42.81671	42.81671	0	-9999	10
2017.14	2017.513	1373.013	113.7121	192.4972	113.4896	113.3907	0	37.94239	62.05761	62.05761	0	-9999	10
2017.145	2017.519	1373.019	111.6108	192.2833	111.9074	113.5885	0	40.9735	59.0265	59.0265	0	-9999	10
2017.15	2017.524	1373.024	111.8085	197.2489	112.2535	111.4006	0	43.52411	56.47589	56.47589	0	-9999	10
2017.155	2017.53	1373.03	113.5638	190.3123	114.2312	115.9123	0	49.63133	50.36867	50.36867	0	-9999	10
2017.16	2017.535	1373.035	115.6404	189.1511	115.9865	114.9358	0	49.54461	50.45539	50.45539	0	-9999	10
2017.165	2017.541	1373.041	116.6416	183.8036	117.6552	120.0037	0	62.29346	37.70654	37.70654	0	-9999	10
2017.17	2017.546	1373.046	117.5563	140.1521	118.026	119.0148	0	52.80615	47.19385	47.19385	0	-9999	10
2017.175	2017.551	1373.051	115.9247	124.1858	116.0359	117.7046	2.43418	42.2125	55.35332	55.35332	0	-9999	10
2017.18	2017.557	1373.057	119.0148	93.15465	119.4969	120.2138	4.226887	53.74144	42.03167	38.55879	3.472883	-9999	10
2017.185	2017.562	1373.062	121.6848	83.81932	122.1297	121.6971	4.317099	60.26646	35.41644	35.41644	0	-9999	10
2017.19	2017.568	1373.068	124.0827	129.7473	124.7008	124.194	0	75.37787	24.62213	24.62213	0	-9999	10
2017.195	2017.573	1373.073	124.3052	150.9389	125.3312	126.1841	0	87.40378	12.59622	12.59622	0	-9999	10
2017.2	2017.579	1373.079	125.2817	136.5922	125.8132	126.4313	0	78.30283	21.69717	21.69717	0	-9999	10
2017.205	2017.584	1373.084	125.4919	146.4623	126.4313	127.7415	0	90.09586	9.904142	9.904142	0	-9999	10
2017.21	2017.59	1373.09	123.9468	189.3803	124.3423	124.5401	0	73.74991	26.25009	26.25009	0	-9999	10
2017.215	2017.595	1373.095	124.4041	203.5896	125.1334	127.8775	0	84.22637	15.77363	15.77363	0	-9999	10
2017.22	2017.601	1373.101	125.0345	193.2	125.4671	127.2347	0	78.76422	21.23578	21.23578	0	-9999	10
2017.225	2017.606	1373.106	125.1828	220.824	125.8751	124.058	0	87.58387	12.41613	12.41613	0	-9999	10
2017.23	2017.611	1373.111	121.5982	160.5951	122.5747	122.2163	0	76.22553	23.77447	23.77447	0	-9999	10
2017.235	2017.617	1373.117	120.3745	146.6609	121.0544	122.377	0	65.0956	34.9044	34.9044	0	-9999	10
2017.24	2017.622	1373.122	119.4598	190.4957	120.6959	122.4017	0	75.74704	24.25296	24.25296	0	-9999	10
2017.245	2017.628	1373.128	119.7441	181.8021	120.733	122.2286	0	71.39696	28.60304	28.60304	0	-9999	10
2017.25	2017.633	1373.133	118.2856	190.4957	118.3226	115.6156	0	50.6643	49.3357	49.3357	0	-9999	10
2017.255	2017.639	1373.139	118.5699	180.8089	119.5834	121.2645	0	67.9503	32.0497	32.0497	0	-9999	10
2017.26	2017.644	1373.144	120.3498	167.6692	120.4981	121.7713	0	56.20991	43.79009	43.79009	0	-9999	10
2017.265	2017.65	1373.15	117.4203	162.505	117.6181	117.9147	0	49.46638	50.53362	50.53362	0	-9999	10
2017.27	2017.655	1373.155	117.1237	159.2964	117.7911	118.8294	0	56.26276	43.73724	43.73724	0	-9999	10
2017.275	2017.66	1373.16	114.9976	212.2832	115.5291	115.01	0	52.42274	47.57726	47.57726	0	-9999	10
2017.28	2017.666	1373.166	116.2831	235.1861	116.9506	115.7393	0	59.18306	40.81694	40.81694	0	-9999	10
2017.285	2017.671	1373.171	117.5068	210.9081	117.9271	117.6675	0	56.62896	43.37104	43.37104	0	-9999	10
2017.29	2017.677	1373.177	113.3907	212.6652	114.3301	115.8134	0	54.52115	45.47885	45.47885	0	-9999	10
2017.295	2017.682	1373.182	116.0854	151.9932	116.7281	115.6651	0	52.67375	47.32625	47.32625	0	-9999	10
2017.3	2017.688	1373.188	117.5934	116.3937	117.6675	117.7417	3.07207	44.7147	52.21323	52.21323	0	-9999	10
2017.305	2017.693	1373.193	117.7911	139.434	118.2856	119.8801	0	53.78408	46.21592	46.21592	0	-9999	10
2017.31	2017.699	1373.199	117.3832	184.3383	117.9642	118.3844	0	57.20182	42.79818	42.79818	0	-9999	10
2017.315	2017.704	1373.204	118.4339	197.4628	119.0396	118.8047	0	61.36945	38.63055	38.63055	0	-9999	10
2017.32	2017.71	1373.21	118.3844	190.5262	119.4104	118.7676	0	68.24016	31.75984	31.75984	0	-9999	10
2017.325	2017.715	1373.215	120.7453	165.8357	121.4994	119.7441	0	69.05006	30.94994	30.94994	0	-9999	10
2017.33	2017.72	1373.22	117.6922	163.5898	118.5081	118.0507	0	60.63546	39.36454	39.36454	0	-9999	10
2017.335	2017.726	1373.226	118.953	204.2924	120.4611	122.0432	0	80.0227	19.9773	19.9773	0	-9999	10
2017.34	2017.731	1373.231	116.1719	226.2022	117.9889	120.7577	0	76.99952	23.00048	23.00048	0	-9999	10
2017.345	2017.737	1373.237	115.2943	219.6017	116.7899	119.1385	0	68.45074	31.54926	31.54926	0	-9999	10
2017.35	2017.742	1373.242	116.1101	206.1564	116.6292	116.6169	0	54.45226	45.54774	45.54774	0	-9999	10
2017.355	2017.748	1373.248	112.7603	187.3177	112.6985	112.1546	0	38.11869	61.88131	61.88131	0	-9999	10
2017.36	2017.753	1373.253	111.4624	160.4729	111.413	110.4612	0	34.35229	65.64771	65.64771	0	-9999	10
2017.365	2017.759	1373.259	111.549	156.4087	111.8085	112.0805	0	37.98459	62.01541	62.01541	0	-9999	10
2017.37	2017.764	1373.264	112.7603	209.9455	112.7727	112.8716	0	40.60113	59.39887	59.39887	0	-9999	10
2017.375	2017.769	1373.269	113.6379	122.2454	113.675	112.3771	5.582328	36.55927	57.8584	56.72472	1.133685	-9999	10
2017.38	2017.775	1373.275	112.4884	136.7144	112.8839	112.4637	0.360342	40.11695	59.52271	59.52271	0	-9999	10
2017.385	2017.78	1373.28	112.9952	143.0398	113.4525	113.2671	0	42.36558	57.63442	57.63442	0	-9999	10
2017.39	2017.786	1373.286	111.8827	144.4607	112.4389	114.5526	0	41.51044	58.48956	58.48956	0	-9999	10

2017.395	2017.791	1373.291	111.586	139.8924	112.2164	112.3524	0	41.54555	58.45445	58.45445	0	-9999	10
2017.4	2017.797	1373.297	109.9792	146.8748	110.6219	112.1052	0	39.06402	60.93598	60.93598	0	-9999	10
2017.405	2017.802	1373.302	108.8543	165.3621	109.7319	112.6491	0	40.86761	59.13239	59.13239	0	-9999	10
2017.41	2017.808	1373.308	109.3858	158.9909	110.2387	112.9334	0	41.17187	58.82813	58.82813	0	-9999	10
2017.415	2017.813	1373.313	110.5477	150.4959	111.3265	112.4637	0	42.00605	57.99395	57.99395	0	-9999	10
2017.42	2017.819	1373.319	109.8555	135.3699	110.4365	111.6973	1.670992	37.34799	60.98102	60.98102	0	-9999	10
2017.425	2017.824	1373.324	109.151	122.6274	109.6825	111.5242	5.786055	34.68721	59.52673	59.52673	0	-9999	10
2017.43	2017.829	1373.329	108.8914	142.4134	109.3858	112.9086	1.524038	35.17479	63.30117	63.30117	0	-9999	10
2017.435	2017.835	1373.335	108.0014	123.1927	108.397	109.0892	7.760585	31.38906	60.85035	52.08525	8.765099	-9999	10
2017.44	2017.84	1373.34	106.6541	106.1416	106.7901	106.7283	15.1382	25.71448	59.14732	47.10454	12.04278	27.75509	10
2017.445	2017.846	1373.346	107.4576	124.1553	107.0867	106.1473	13.96734	23.03543	62.99723	35.20323	27.794	28.21324	10
2017.45	2017.851	1373.351	106.7777	115.5075	107.0373	106.4687	11.79998	27.70472	60.4953	52.43225	8.063054	27.93673	10
2017.455	2017.857	1373.357	105.3439	120.0147	105.9619	106.889	9.250288	29.33885	61.41087	53.07041	8.340459	27.81465	10
2017.46	2017.862	1373.362	105.7765	144.5677	106.7283	109.3611	0.323968	34.79181	64.88422	64.88422	0	-9999	10
2017.465	2017.868	1373.368	104.936	137.2339	105.6158	108.4464	4.979542	30.46751	64.55295	64.55295	0	-9999	10
2017.47	2017.873	1373.373	104.1202	144.3996	104.8	105.7271	3.995976	29.78391	66.22011	66.22011	0	-9999	10
2017.475	2017.878	1373.378	104.8247	151.2598	105.245	106.2215	3.699328	28.9388	67.36188	62.48087	4.88101	-9999	10
2017.48	2017.884	1373.384	104.3797	141.1453	104.6517	106.0608	7.705983	26.38817	65.90585	52.98645	12.91941	-9999	10
2017.485	2017.889	1373.389	105.1214	177.2031	106.5305	107.4576	0	40.19975	59.80025	59.80025	0	-9999	11
2017.49	2017.895	1373.395	103.9348	203.6049	104.8618	103.0201	0	35.65582	64.34418	64.34418	0	-9999	11
2017.495	2017.9	1373.4	102.8717	260.121	104.046	104.1202	0	39.97127	60.02873	60.02873	0	-9999	11
2017.5	2017.906	1373.406	104.7876	260.8697	107.1733	110.0904	0	54.54069	45.45931	45.45931	0	-9999	11
2017.505	2017.911	1373.411	103.2796	241.5268	104.5281	107.9149	0	39.97522	60.02478	60.02478	0	-9999	11
2017.51	2017.917	1373.417	104.4786	228.5093	105.5046	105.8754	0	39.04632	60.95368	60.95368	0	-9999	11
2017.515	2017.922	1373.422	103.7741	230.8927	104.6022	107.8407	0	36.40837	63.59163	63.59163	0	-9999	11
2017.52	2017.928	1373.428	105.1832	203.9868	106.6418	108.4711	0	42.5887	57.4113	57.4113	0	-9999	11
2017.525	2017.933	1373.433	106.308	198.9143	107.334	108.1498	0	40.07752	59.92248	59.92248	0	-9999	11
2017.53	2017.938	1373.438	110.4489	245.1937	111.1287	112.3771	0	47.0236	52.9764	52.9764	0	-9999	11
2017.535	2017.944	1373.444	106.4687	241.4809	107.1485	108.4464	0	39.83029	60.16971	60.16971	0	-9999	11
2017.54	2017.949	1373.449	103.8235	298.3027	105.6529	108.4464	0	49.8554	50.1446	50.1446	0	-9999	11
2017.545	2017.955	1373.455	107.2845	274.2386	108.5947	107.062	0	49.85105	50.14895	50.14895	0	-9999	11
2017.55	2017.96	1373.46	109.2622	249.7773	110.6961	112.7727	0	53.72193	46.27807	46.27807	0	-9999	11
2017.555	2017.966	1373.466	107.0744	233.4749	108.0138	108.4959	0	42.88205	57.11795	57.11795	0	-9999	11
2017.56	2017.971	1373.471	110.7332	250.3732	111.8951	111.8333	0	53.80525	46.19475	46.19475	0	-9999	11
2017.565	2017.977	1373.477	111.2647	225.1326	111.3883	113.1311	0	40.48097	59.51903	59.51903	0	-9999	11
2017.57	2017.982	1373.482	109.46	266.2936	110.7084	114.0211	0	53.11507	46.88493	46.88493	0	-9999	11
2017.575	2017.988	1373.488	109.0397	275.6901	110.6095	113.7986	0	56.54376	43.45624	43.45624	0	-9999	11
2017.58	2017.993	1373.493	109.2128	207.6996	110.078	114.5526	0	44.26786	55.73214	55.73214	0	-9999	11
2017.585	2017.998	1373.498	110.5477	204.598	111.7591	112.8839	0	50.90667	49.09333	49.09333	0	-9999	11
2017.59	2018.004	1373.504	110.35	175.4614	111.0422	111.4748	0	42.27313	57.72687	57.72687	0	-9999	11
2017.595	2018.009	1373.509	110.2634	208.6774	111.0298	112.8345	0	45.22467	54.77533	54.77533	0	-9999	11
2017.6	2018.015	1373.515	109.46	204.6133	110.4365	112.2782	0	45.80872	54.19128	54.19128	0	-9999	11
2017.605	2018.02	1373.52	109.7196	229.1815	110.5601	110.3623	0	46.41375	53.58625	53.58625	0	-9999	11
2017.61	2018.026	1373.526	107.4576	221.1449	107.952	111.0051	0	38.16727	61.83273	61.83273	0	-9999	11
2017.615	2018.031	1373.531	108.3599	193.2153	108.8172	107.334	0	37.33081	62.66919	62.66919	0	-9999	11
2017.62	2018.037	1373.537	110.6343	186.6454	111.6355	113.4154	0	47.31571	52.68429	52.68429	0	-9999	11
2017.625	2018.042	1373.542	110.1646	230.8927	111.1534	114.3425	0	49.16375	50.83625	50.83625	0	-9999	11
2017.63	2018.047	1373.547	108.4588	282.7183	110.4241	114.256	0	60.19619	39.80381	39.80381	0	-9999	11
2017.635	2018.053	1373.553	105.7271	282.6419	106.7159	109.1881	0	44.38334	55.61666	55.61666	0	-9999	11
2017.64	2018.058	1373.558	103.6257	261.817	104.4045	107.507	0	37.86247	62.13753	62.13753	0	-9999	11
2017.645	2018.064	1373.564	100.9311	359.6622	103.3909	105.5169	0	53.92666	46.07334	46.07334	0	-9999	11
2017.65	2018.069	1373.569	97.87799	334.6814	99.52197	99.11407	0	41.37191	58.62809	58.62809	0	-9999	11
2017.655	2018.075	1373.575	99.12643	401.358	100.5479	100.0411	0	46.03112	53.96888	53.96888	0	-9999	11
2017.66	2018.08	1373.58	99.28712	341.7402	99.74446	96.41943	0	35.58092	64.41908	64.41908	0	-9999	11
2017.665	2018.086	1373.586	101.2401	351.6256	101.4502	100.9558	0	36.53042	63.46958	63.46958	0	-9999	11
2017.67	2018.091	1373.591	103.0324	286.0796	103.4898	109.4476	0	36.04851	63.95149	63.95149	0	-9999	11
2017.675	2018.097	1373.597	105.3439	259.4335	106.0361	107.7171	0	39.43155	60.56845	60.56845	0	-9999	11
2017.68	2018.102	1373.602	109.7319	215.2778	109.2993	108.397	0	31.24342	68.75658	68.75658	0	-9999	11
2017.685	2018.107	1373.607	110.5972	181.2062	110.832	111.0051	0	37.72234	62.27766	62.27766	0	-9999	11
2017.69	2018.113	1373.613	115.1089	232.6345	116.518	114.9852	0	67.41265	32.58735	32.58735	0	-9999	11
2017.695	2018.118	1373.618	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2018.02	2018.473	1373.973	119.5216	151.8251	118.162	115.1707	3.835941	26.5376	69.62646	69.62646	0	-9999	11
2018.025	2018.478	1373.978	121.8207	187.3635	122.1668	118.471	0	65.63709	34.36291	34.36291	0	-9999	11
2018.03	2018.484	1373.984	124.0333	222.4283	124.3423	122.995	0	74.28461	25.71539	25.71539	0	-9999	11
2018.035	2018.489	1373.989	122.5747	224.7354	122.995	123.1804	0	72.09515	27.90485	27.90485	0	-9999	11
2018.04	2018.494	1373.994	116.6292	205.0869	115.9123	117.0248	0	36.41002	63.58998	63.58998	0	-9999	11
2018.045	2018.5	1374	119.0148	224.3534	119.0519	114.9605	0	54.65079	45.34921	45.34921	0	-9999	11
2018.05	2018.505	1374.005	117.4079	150.3736	116.7776	117.89	0.479846	35.29135	64.22881	64.22881	0	-9999	11
2018.055	2018.511	1374.011	116.9382	173.3529	116.3326	115.01	0	36.45403	63.54597	63.54597	0	-9999	11
2018.06	2018.516	1374.016	118.6193	214.4528	119.0272	122.6118	0	59.53257	40.46743	40.46743	0	-9999	11
2018.065	2018.522	1374.022	118.6935	160.2896	119.089	117.5068	0	55.8549	44.1451	44.1451	0	-9999	11
2018.07	2018.527	1374.027	121.1038	160.9007	121.2027	122.9332	0	56.81165	43.18835	43.18835	0	-9999	11
2018.075	2018.533	1374.033	122.105	159.0214	121.6353	120.3869	0	47.86446	52.13554	52.13554	0	-9999	11

2018.08	2018.538	1374.038	116.6539	149.1666	116.2708	112.921	0	37.75937	62.24063	62.24063	0	-9999	11
2018.085	2018.543	1374.043	118.4957	159.984	118.5699	119.2744	0	49.72725	50.27275	50.27275	0	-9999	11
2018.09	2018.549	1374.049	116.5674	151.2598	116.9382	116.1966	0	49.50388	50.49612	50.49612	0	-9999	11
2018.095	2018.554	1374.054	116.6292	149.7625	116.8641	118.4586	0	47.38946	52.61054	52.61054	0	-9999	11
2018.1	2018.56	1374.06	121.7342	154.0405	121.9443	126.8392	0	60.34021	39.65979	39.65979	0	-9999	11
2018.105	2018.565	1374.065	121.0173	116.3784	120.597	119.5464	3.757585	43.53921	52.7032	47.20433	5.498866	-9999	11
2018.11	2018.571	1374.071	120.0655	189.3345	120.2509	121.3634	0	57.62047	42.37953	42.37953	0	-9999	11
2018.115	2018.576	1374.076	122.2781	188.158	121.6353	118.1125	0	46.73082	53.26918	53.26918	0	-9999	11
2018.12	2018.582	1374.082	123.8973	197.9517	123.3411	121.5982	0	52.82576	47.17424	47.17424	0	-9999	11
2018.125	2018.587	1374.087	122.4388	220.0754	122.377	122.1916	0	61.16539	38.83461	38.83461	0	-9999	11
2018.13	2018.593	1374.093	122.3275	233.154	122.3522	122.822	0	63.54524	36.45476	36.45476	0	-9999	11
2018.135	2018.598	1374.098	117.6552	251.5649	118.7305	120.1397	0	70.949	29.051	29.051	0	-9999	11
2018.14	2018.603	1374.103	119.7688	184.537	119.9295	120.6835	0	56.0622	43.9378	43.9378	0	-9999	11
2018.145	2018.609	1374.109	121.351	207.3329	121.3881	124.6884	0	59.38824	40.61176	40.61176	0	-9999	11
2018.15	2018.614	1374.114	120.4116	207.2718	119.8059	120.7577	0	44.95546	55.04454	55.04454	0	-9999	11
2018.155	2018.62	1374.12	119.398	194.3154	119.3362	121.9938	0	51.76647	48.23353	48.23353	0	-9999	11
2018.16	2018.625	1374.125	119.6452	211.7179	119.3362	118.644	0	49.06554	50.93446	50.93446	0	-9999	11
2018.165	2018.631	1374.131	118.1867	231.9928	117.89	115.4426	0	47.63156	52.36844	52.36844	0	-9999	11
2018.17	2018.636	1374.136	114.2436	224.3076	113.9717	111.5984	0	40.29883	59.70117	59.70117	0	-9999	11
2018.175	2018.642	1374.142	114.565	226.5841	114.3548	114.3796	0	41.85128	58.14872	58.14872	0	-9999	11
2018.18	2018.647	1374.147	115.8381	187.4705	115.5538	117.7417	0	40.38083	59.61917	59.61917	0	-9999	11
2018.185	2018.652	1374.152	116.1224	213.6888	116.2831	116.3202	0	49.42899	50.57101	50.57101	0	-9999	11
2018.19	2018.658	1374.158	113.7368	212.436	113.7986	112.4142	0	43.16261	56.83739	56.83739	0	-9999	11
2018.195	2018.663	1374.163	114.12	201.4353	113.6997	111.3759	0	36.53874	63.46126	63.46126	0	-9999	11
2018.2	2018.669	1374.169	115.1459	182.4285	115.2201	117.2225	0	44.00529	55.99471	55.99471	0	-9999	11
2018.205	2018.674	1374.174	116.3078	125.6984	116.2831	118.5081	2.769356	41.02587	56.20478	56.20478	0	-9999	11
2018.21	2018.68	1374.18	116.6539	128.4944	116.9753	116.6416	0	47.38424	52.61576	52.61576	0	-9999	11
2018.215	2018.685	1374.185	117.445	172.5584	117.3956	115.764	0	46.15873	53.84127	53.84127	0	-9999	11
2018.22	2018.691	1374.191	117.4327	216.8516	117.3956	116.1224	0	49.32313	50.67687	50.67687	0	-9999	11
2018.225	2018.696	1374.196	116.9259	228.3565	115.6527	114.6268	0	30.03342	69.96658	69.96658	0	-9999	11
2018.23	2018.702	1374.202	114.3054	170.6638	113.2918	112.2535	1.393622	26.77621	71.83016	71.83016	0	-9999	11
2018.235	2018.707	1374.207	114.256	160.9465	113.0199	110.968	5.515018	23.14045	71.34453	65.07605	6.268479	-9999	11
2018.24	2018.712	1374.212	115.2448	179.7394	113.7615	109.9792	1.973303	22.06481	75.96189	75.96189	0	-9999	11
2018.245	2018.718	1374.218	116.2584	205.0716	114.429	108.9779	0	19.81398	80.18602	80.18602	0	-9999	11
2018.25	2018.723	1374.223	116.3078	227.2258	114.9605	107.1609	0	28.19939	71.80061	71.80061	0	-9999	11
2018.255	2018.729	1374.229	116.8394	236.0875	116.0235	115.8505	0	37.32075	62.67925	62.67925	0	-9999	11
2018.26	2018.734	1374.234	115.5786	242.2143	115.7393	114.256	0	50.20075	49.79925	49.79925	0	-9999	11
2018.265	2018.74	1374.24	118.199	251.5649	118.1249	116.6416	0	52.70787	47.29213	47.29213	0	-9999	11
2018.27	2018.745	1374.245	115.7022	249.7315	115.455	114.2312	0	44.88796	55.11204	55.11204	0	-9999	11
2018.275	2018.751	1374.251	114.8122	259.2043	114.738	114.7257	0	46.41171	53.58829	53.58829	0	-9999	11
2018.28	2018.756	1374.256	113.1682	244.9339	112.2782	111.4254	0	32.05497	67.94503	67.94503	0	-9999	11
2018.285	2018.761	1374.261	114.256	218.3641	113.9346	113.5514	0	39.24127	60.75873	60.75873	0	-9999	11
2018.29	2018.767	1374.267	115.5168	157.9672	114.9976	114.6268	0	34.41339	65.58661	65.58661	0	-9999	11
2018.295	2018.772	1374.272	113.4031	172.6806	112.4266	111.7591	1.448317	26.35619	72.1955	72.1955	0	-9999	11
2018.3	2018.778	1374.278	111.6231	158.6089	110.832	108.8049	5.054294	25.63422	69.31149	69.31149	0	-9999	11
2018.305	2018.783	1374.283	111.6849	171.5806	110.832	109.4847	2.337268	25.85602	71.80671	71.80671	0	-9999	11
2018.31	2018.789	1374.289	111.7962	191.8402	111.2894	111.9321	0	31.45816	68.54184	68.54184	0	-9999	11
2018.315	2018.794	1374.294	112.5502	207.5468	111.6849	110.7579	0	29.11746	70.88254	70.88254	0	-9999	11
2018.32	2018.8	1374.3	112.5749	216.6224	112.2659	111.2029	0	36.65893	63.34107	63.34107	0	-9999	11
2018.325	2018.805	1374.305	112.6243	204.2007	112.6491	115.4673	0	40.13852	59.86148	59.86148	0	-9999	11
2018.33	2018.811	1374.311	111.9074	205.5453	111.8333	110.523	0	37.79934	62.20066	62.20066	0	-9999	11
2018.335	2018.816	1374.316	112.5255	190.7554	112.0928	112.3277	0	33.29255	66.70745	66.70745	0	-9999	11
2018.34	2018.821	1374.321	111.9692	183.1008	112.2288	113.1188	0	40.53861	59.46139	59.46139	0	-9999	11
2018.345	2018.827	1374.327	110.6219	197.5086	110.5477	109.8432	0	35.26942	64.73058	64.73058	0	-9999	11
2018.35	2018.832	1374.332	109.8308	181.3131	109.2499	107.2598	0	27.46272	72.53728	72.53728	0	-9999	11
2018.355	2018.838	1374.338	108.8172	219.5101	108.0509	108.0632	0	26.99553	73.00447	73.00447	0	-9999	11
2018.36	2018.843	1374.343	106.2586	188.6011	106.2833	103.6752	0	29.72013	70.27987	70.27987	0	-9999	11
2018.365	2018.849	1374.349	102.5874	200.4727	101.9818	99.79391	1.799153	21.51362	76.68722	76.68722	0	-9999	11
2018.37	2018.854	1374.354	106.0361	176.5462	107.062	107.5935	0	38.09972	61.90028	61.90028	0	-9999	11
2018.375	2018.86	1374.36	107.3463	150.1445	107.1856	107.4081	6.151777	26.70358	67.14464	67.14464	0	-9999	11
2018.38	2018.865	1374.365	107.2845	152.314	107.3463	107.4452	3.959275	28.95048	67.09024	67.09024	0	-9999	11
2018.385	2018.87	1374.37	108.0014	152.9252	108.2857	108.9285	1.427486	32.24599	66.32652	66.32652	0	-9999	11
2018.39	2018.876	1374.376	106.5923	183.8189	107.0744	107.1856	0	34.20508	65.79492	65.79492	0	-9999	11
2018.395	2018.881	1374.381	107.5564	135.0185	107.6553	108.5947	7.607233	28.5182	63.87457	57.5975	6.277073	-9999	11
2018.4	2018.887	1374.387	106.617	147.0734	106.7159	108.6318	5.554198	28.07446	66.37134	66.37134	0	-9999	11
2018.405	2018.892	1374.392	105.2079	176.6073	105.8012	106.0114	0	32.73553	67.26447	67.26447	0	-9999	11
2018.41	2018.898	1374.398	106.5429	171.9931	107.2103	110.214	0	35.13621	64.86379	64.86379	0	-9999	11
2018.415	2018.903	1374.403	107.0002	200.2588	107.3834	108.5206	0	34.95191	65.04809	65.04809	0	-9999	11
2018.42	2018.909	1374.409	109.1757	156.5004	109.1139	107.2103	2.16423	30.54576	67.29001	67.29001	0	-9999	11
2018.425	2018.914	1374.414	111.6726	147.654	111.5737	108.6689	2.295329	33.21842	64.48625	64.48625	0	-9999	11
2018.43	2018.92	1374.42	113.4772	201.7256	113.4772	112.3153	0	41.1376	58.8624	58.8624	0	-9999	11
2018.435	2018.925	1374.425	115.4179	270.6023	115.8381	116.6539	0	55.66045	44.33955	44.33955	0	-9999	11
2018.44	2018.93	1374.43	114.0087	328.6616	114.6021	113.7739	0	58.92708	41.07292	41.07292	0	-9999	11

2018.445	2018.936	1374.436	113.2053	304.8725	113.984	113.6256	0	58.08923	41.91077	41.91077	0	-9999	11
2018.45	2018.941	1374.441	114.6515	313.2759	114.9358	114.6021	0	54.87315	45.12685	45.12685	0	-9999	11
2018.455	2018.947	1374.447	112.5873	299.036	112.7232	112.6614	0	47.904	52.096	52.096	0	-9999	11
2018.46	2018.952	1374.452	113.0199	305.6059	113.4525	112.4389	0	53.05897	46.94103	46.94103	0	-9999	11
2018.465	2018.958	1374.458	113.1929	297.4471	113.6132	114.2312	0	52.69322	47.30678	47.30678	0	-9999	11
2018.47	2018.963	1374.463	111.1534	271.3204	110.8197	110.8197	0	38.00084	61.99916	61.99916	0	-9999	11
2018.475	2018.969	1374.469	112.7232	308.4172	112.5255	114.8864	0	44.49235	55.50765	55.50765	0	-9999	11
2018.48	2018.974	1374.474	110.6466	282.6572	110.8073	111.2152	0	43.7843	56.2157	56.2157	0	-9999	11
2018.485	2018.979	1374.479	111.6973	299.0055	111.5366	115.6898	0	42.72257	57.27743	57.27743	0	-9999	11
2018.49	2018.985	1374.485	112.1176	293.3065	111.9939	113.0199	0	43.44613	56.55387	56.55387	0	-9999	11
2018.495	2018.99	1374.49	111.6478	293.6426	110.8815	110.4365	0	35.06734	64.93266	64.93266	0	-9999	10
2018.5	2018.996	1374.496	112.3524	295.5066	111.7715	109.9173	0	38.29145	61.70855	61.70855	0	-9999	10
2018.505	2019.001	1374.501	112.303	266.4617	112.1546	114.5032	0	41.61944	58.38056	58.38056	0	-9999	10
2018.51	2019.007	1374.507	111.6973	286.9505	111.0298	112.1052	0	35.83959	64.16041	64.16041	0	-9999	10
2018.515	2019.012	1374.512	109.4724	269.5939	108.5453	105.5911	0	29.36319	70.63681	70.63681	0	-9999	10
2018.52	2019.018	1374.518	108.7307	316.408	107.334	105.1955	0	27.15373	72.84627	72.84627	0	-9999	10
2018.525	2019.023	1374.523	107.2351	270.4647	105.5416	103.1066	0	20.37251	79.62749	79.62749	0	-9999	10
2018.53	2019.029	1374.529	108.5082	301.8015	108.3228	111.0422	0	38.15456	61.84544	61.84544	0	-9999	10
2018.535	2019.034	1374.534	109.2375	320.7472	109.1881	108.0509	0	41.85228	58.14772	58.14772	0	-9999	10
2018.54	2019.039	1374.539	110.6095	323.3446	110.5354	111.1411	0	43.74485	56.25515	56.25515	0	-9999	10
2018.545	2019.045	1374.545	109.8803	314.8648	109.9173	111.5984	0	43.34199	56.65801	56.65801	0	-9999	10
2018.55	2019.05	1374.55	108.5206	291.5342	108.2734	109.8803	0	36.83975	63.16025	63.16025	0	-9999	10
2018.555	2019.056	1374.556	110.041	261.9392	109.8432	110.0162	0	37.37967	62.62033	62.62033	0	-9999	10
2018.56	2019.061	1374.561	107.1856	273.6427	107.3463	104.2067	0	37.97885	62.02115	62.02115	0	-9999	10
2018.565	2019.067	1374.567	106.4687	264.1546	106.3204	108.5577	0	33.45994	66.54006	66.54006	0	-9999	10
2018.57	2019.072	1374.572	105.9248	217.9669	105.418	103.3044	0	26.47781	73.52219	73.52219	0	-9999	10
2018.575	2019.078	1374.578	107.4823	248.3258	107.4081	107.062	0	34.35025	65.64975	65.64975	0	-9999	10
2018.58	2019.083	1374.583	109.5712	270.6328	109.5094	108.8543	0	38.80861	61.19139	61.19139	0	-9999	10
2018.585	2019.089	1374.589	107.062	305.5295	106.8519	108.2239	0	36.37028	63.62972	63.62972	0	-9999	10
2018.59	2019.094	1374.594	108.7184	264.9797	109.2869	109.7072	0	43.96118	56.03882	56.03882	0	-9999	10
2018.595	2019.099	1374.599	108.9285	235.5986	108.9779	107.9149	0	36.72504	63.27496	63.27496	0	-9999	10
2018.6	2019.105	1374.605	109.6949	237.7071	110.4489	114.7628	0	45.94511	54.05489	54.05489	0	-9999	10
2018.605	2019.11	1374.61	109.1881	223.9715	109.6454	110.4365	0	40.77195	59.22805	59.22805	0	-9999	10
2018.61	2019.116	1374.616	107.1856	252.2677	107.3092	105.9866	0	36.17165	63.82835	63.82835	0	-9999	10
2018.615	2019.121	1374.621	106.2833	260.4113	106.5181	107.7913	0	36.57082	63.42918	63.42918	0	-9999	10
2018.62	2019.127	1374.627	106.4193	267.8674	107.0002	107.3092	0	40.57522	59.42478	59.42478	0	-9999	10
2018.625	2019.132	1374.632	106.4563	241.7559	106.8024	106.5923	0	36.60804	63.39196	63.39196	0	-9999	10
2018.63	2019.138	1374.638	106.4563	244.8728	106.7159	108.6442	0	35.99201	64.00799	64.00799	0	-9999	10
2018.635	2019.143	1374.643	105.2079	271.8093	105.5046	103.0448	0	36.48067	63.51933	63.51933	0	-9999	10
2018.64	2019.148	1374.648	105.4922	249.8537	106.1226	104.1572	0	38.43495	61.56505	61.56505	0	-9999	10
2018.645	2019.154	1374.654	103.6752	274.3456	104.2561	104.7382	0	37.10291	62.89709	62.89709	0	-9999	10
2018.65	2019.159	1374.659	102.1919	248.0202	102.5504	103.3785	0	31.69425	68.30575	68.30575	0	-9999	10
2018.655	2019.165	1374.665	102.983	223.7576	103.4032	102.7481	0	31.48094	68.51906	68.51906	0	-9999	10
2018.66	2019.17	1374.67	102.8841	234.9722	102.7481	104.1078	0	27.70941	72.29059	72.29059	0	-9999	10
2018.665	2019.176	1374.676	102.8346	234.8347	103.0571	103.3785	0	30.47097	69.52903	69.52903	0	-9999	10
2018.67	2019.181	1374.681	106.0732	263.9254	106.9879	107.9149	0	42.9835	57.0165	57.0165	0	-9999	10
2018.675	2019.187	1374.687	104.1572	290.3577	105.0843	106.1597	0	41.84627	58.15373	58.15373	0	-9999	10
2018.68	2019.192	1374.692	104.0089	347.0725	104.9236	104.6393	0	45.34328	54.65672	54.65672	0	-9999	10
2018.685	2019.198	1374.698	103.1313	237.7376	104.2809	102.6245	0	38.64895	61.35105	61.35105	0	-9999	10
2018.69	2019.203	1374.703	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2019.025	2019.568	1375.068	113.1064	240.9462	118.6935	130.226	0	100	0	0	0	-9999	11
2019.03	2019.574	1375.074	124.5401	132.635	125.2447	124.33	0	79.37692	20.62308	20.62308	0	-9999	11
2019.035	2019.579	1375.079	133.7365	268.6007	132.8712	139.7314	0	76.78327	23.21673	23.21673	0	-9999	11
2019.04	2019.585	1375.085	128.6562	258.4404	128.854	129.5956	0	90.99253	9.007471	9.007471	0	-9999	11
2019.045	2019.59	1375.09	128.4708	199.3115	127.7044	127.8528	0	59.36271	40.63729	40.63729	0	-9999	11
2019.05	2019.595	1375.095	124.1198	191.0763	122.3275	121.7218	0	26.36767	73.63233	73.63233	0	-9999	11
2019.055	2019.601	1375.101	130.3126	323.4362	131.2767	133.4027	0	100	0	0	0	-9999	11
2019.06	2019.606	1375.106	126.0605	298.9291	126.6785	126.9999	0	94.55366	5.446341	5.446341	0	-9999	11
2019.065	2019.612	1375.112	123.0568	280.0598	122.3646	122.1297	0	53.57123	46.42877	46.42877	0	-9999	11
2019.07	2019.617	1375.117	126.3077	270.1133	126.4189	126.5425	0	80.53207	19.46793	19.46793	0	-9999	11
2019.075	2019.623	1375.123	127.3954	319.0054	129.2743	131.4868	0	100	0	0	0	-9999	11
2019.08	2019.628	1375.128	130.7205	265.1019	131.5115	132.3644	0	100	0	0	0	-9999	11
2019.085	2019.634	1375.134	125.6649	286.8894	126.9628	128.8787	0	100	0	0	0	-9999	11
2019.09	2019.639	1375.139	122.4882	282.2447	122.9085	120.0655	0	75.69675	24.30325	24.30325	0	-9999	11
2019.095	2019.644	1375.144	123.7366	265.0866	124.1075	124.0333	0	77.57678	22.42322	22.42322	0	-9999	11
2019.1	2019.65	1375.15	128.2483	279.8306	130.1024	133.4275	0	100	0	0	0	-9999	11
2019.105	2019.655	1375.155	131.4868	239.403	132.4386	135.7018	0	100	0	0	0	-9999	11
2019.11	2019.661	1375.161	129.3484	184.3383	129.744	129.917	0	94.79421	5.205786	5.205786	0	-9999	11
2019.115	2019.666	1375.166	123.5018	189.2123	125.1334	126.7403	0	100	0	0	0	-9999	11
2019.12	2019.672	1375.172	126.8886	182.7188	128.236	130.3002	0	100	0	0	0	-9999	11
2019.125	2019.677	1375.177	125.1581	235.95	126.9752	130.2137	0	100	0	0	0	-9999	11
2019.13	2019.683	1375.183	126.2953	222.8408	127.9393	130.498	0	100	0	0	0	-9999	11
2019.135	2019.688	1375.188	126.32	210.8623	127.5932	129.0023	0	100	0	0	0	-9999	11

2019.14	2019.694	1375.194	126.8515	239.2349	127.7044	129.2619	0	100	0	0	0	-9999	11
2019.145	2019.699	1375.199	127.7292	300.3653	129.7687	132.8465	0	100	0	0	0	-9999	11
2019.15	2019.704	1375.204	127.2595	245.6368	128.2483	132.0925	0	100	0	0	0	-9999	11
2019.155	2019.71	1375.21	123.0197	305.7587	124.2064	125.2694	0	96.20646	3.793538	3.793538	0	-9999	11
2019.16	2019.715	1375.215	126.5425	260.9766	128.0382	129.2372	0	100	0	0	0	-9999	11
2019.165	2019.721	1375.221	125.7514	235.8736	126.6661	129.2001	0	96.64418	3.355819	3.355819	0	-9999	11
2019.17	2019.726	1375.226	123.8479	231.7178	126.0234	128.4584	0	100	0	0	0	-9999	11
2019.175	2019.732	1375.232	123.1681	236.1334	125.4424	130.2631	0	100	0	0	0	-9999	11
2019.18	2019.737	1375.237	124.7749	209.1816	126.6785	127.2842	0	100	0	0	0	-9999	11
2019.185	2019.743	1375.243	123.9715	187.883	125.1828	126.2088	0	92.91572	7.084281	7.084281	0	-9999	11
2019.19	2019.748	1375.248	123.2051	236.5459	124.5525	124.9233	0	96.03408	3.965917	3.965917	0	-9999	11
2019.195	2019.753	1375.253	123.0074	233.6735	124.7749	127.0246	0	100	0	0	0	-9999	11
2019.2	2019.759	1375.259	116.073	217.2182	117.272	119.2744	0	65.90813	34.09187	34.09187	0	-9999	11
2019.205	2019.764	1375.264	116.073	209.9455	117.7417	118.9654	0	73.09577	26.90423	26.90423	0	-9999	11
2019.21	2019.77	1375.27	118.335	158.2269	119.3733	121.9073	0	66.12522	33.87478	33.87478	0	-9999	11
2019.215	2019.775	1375.275	114.3919	172.9404	115.4426	115.9123	0	55.94802	44.05198	44.05198	0	-9999	11
2019.22	2019.781	1375.281	112.7232	206.2634	113.9099	115.3808	0	55.86332	44.13668	44.13668	0	-9999	11
2019.225	2019.786	1375.286	111.0793	258.4404	112.5873	116.3449	0	59.51958	40.48042	40.48042	0	-9999	11
2019.23	2019.792	1375.292	112.0187	230.358	112.5625	115.4055	0	47.42187	52.57813	52.57813	0	-9999	11
2019.235	2019.797	1375.297	114.12	204.4452	115.2077	116.0359	0	57.9085	42.0915	42.0915	0	-9999	11
2019.24	2019.803	1375.303	111.4377	284.017	112.9952	115.3561	0	62.79582	37.20418	37.20418	0	-9999	11
2019.245	2019.808	1375.308	110.0162	288.9673	110.4736	112.0805	0	46.58198	53.41802	53.41802	0	-9999	11
2019.25	2019.813	1375.313	104.9854	292.5884	105.418	107.5935	0	38.80446	61.19554	61.19554	0	-9999	11
2019.255	2019.819	1375.319	107.0126	238.6391	108.0756	113.0446	0	44.3793	55.6207	55.6207	0	-9999	11
2019.26	2019.824	1375.324	104.664	211.122	104.9483	105.7271	0	31.57532	68.42468	68.42468	0	-9999	11
2019.265	2019.83	1375.33	101.2772	222.7339	101.1907	102.3897	0	25.708	74.292	74.292	0	-9999	11
2019.27	2019.835	1375.335	103.292	208.983	103.7493	105.3933	0	31.16765	68.83235	68.83235	0	-9999	11
2019.275	2019.841	1375.341	104.6517	256.8666	105.245	109.1263	0	37.3627	62.6373	62.6373	0	-9999	11
2019.28	2019.846	1375.346	101.2401	282.7642	101.3143	99.74446	0	30.88976	69.11024	69.11024	0	-9999	11
2019.285	2019.852	1375.352	90.23906	315.6135	88.03885	85.18352	0	15.70594	84.29406	84.29406	0	-9999	11
2019.29	2019.857	1375.357	89.01535	224.8882	86.93875	85.39366	19.77661	9.876304	70.34709	51.07551	19.27158	27.16968	11
2019.295	2019.862	1375.362	99.92988	142.0314	100.0288	102.3897	12.92654	20.30308	66.77037	59.13848	7.631892	27.82635	11
2019.3	2019.868	1375.368	104.7753	166.89	105.3562	107.3463	0	31.35291	68.64709	68.64709	0	-9999	11
2019.305	2019.873	1375.373	108.7802	205.3161	109.0397	112.1546	0	36.70567	63.29433	63.29433	0	-9999	11
2019.31	2019.879	1375.379	113.0817	213.093	113.502	115.183	0	46.77403	53.22597	53.22597	0	-9999	11
2019.315	2019.884	1375.384	109.9792	222.5811	109.5836	114.5773	0	32.45127	67.54873	67.54873	0	-9999	11
2019.32	2019.89	1375.39	107.0497	259.4488	106.8519	106.7159	0	33.36373	66.63627	66.63627	0	-9999	11
2019.325	2019.895	1375.395	111.2647	199.2199	111.6726	114.4043	0	42.17886	57.82114	57.82114	0	-9999	11
2019.33	2019.901	1375.401	108.1992	201.3283	108.0509	105.381	0	31.35477	68.64523	68.64523	0	-9999	11
2019.335	2019.906	1375.406	103.0571	182.184	102.7358	102.3155	3.589583	22.86377	73.54664	73.54664	0	-9999	11
2019.34	2019.912	1375.412	102.9088	193.8723	102.9953	105.6035	0	26.7105	73.2895	73.2895	0	-9999	11
2019.345	2019.917	1375.417	101.203	226.3702	101.6233	105.8136	0	29.58152	70.41848	70.41848	0	-9999	11
2019.35	2019.922	1375.422	100.5108	198.3031	100.7086	101.3637	0	25.34925	74.65075	74.65075	0	-9999	11
2019.355	2019.928	1375.428	100.8075	193.3986	100.721	102.4144	1.125209	23.29442	75.58037	75.58037	0	-9999	11
2019.36	2019.933	1375.433	102.7728	190.3582	103.156	103.7741	0	28.67564	71.32436	71.32436	0	-9999	11
2019.365	2019.939	1375.439	100.5974	206.9356	100.7704	100.2265	0	25.84337	74.15663	74.15663	0	-9999	11
2019.37	2019.944	1375.444	100.1276	184.1703	100.1647	99.76919	3.025973	22.90829	74.06573	69.40954	4.656192	-9999	11
2019.375	2019.95	1375.45	99.6085	162.2452	99.83099	101.7593	7.372514	22.20155	70.42594	67.26899	3.15695	-9999	11
2019.38	2019.955	1375.455	100.9311	188.158	101.0547	102.7728	0.651194	24.55483	74.79397	74.79397	0	-9999	11
2019.385	2019.961	1375.461	101.203	177.6462	101.9076	102.5751	0	28.40808	71.59192	71.59192	0	-9999	11
2019.39	2019.966	1375.466	99.64558	148.0054	100.2513	102.1301	7.814767	23.89423	68.29101	55.72972	12.56128	-9999	11
2019.395	2019.971	1375.471	94.50351	132.4669	94.71365	95.55418	19.37125	15.79027	64.83848	45.75929	19.07919	27.84957	11
2019.4	2019.977	1375.477	84.98575	134.2087	84.47896	84.8127	33.26223	7.996723	58.74105	39.47415	19.2669	27.49399	11
2019.405	2019.982	1375.482	80.22687	141.7106	78.28624	73.60152	46.93724	3.614714	49.44805	32.37784	17.07021	28.74325	11
2019.41	2019.988	1375.488	77.68056	114.3005	75.73992	74.34316	55.91309	1.519555	42.56735	18.55871	24.00864	29.58114	11
2019.415	2019.993	1375.493	74.18247	62.32209	73.82401	73.49027	59.44825	0.520928	40.03082	27.1364	12.89442	30.8068	11
2019.42	2019.999	1375.499	74.88703	71.22962	74.269	74.70162	58.65614	0.785257	40.5586	23.99164	16.56696	30.38325	11
2019.425	2020.004	1375.504	74.03414	47.45585	74.00942	74.19483	60.59586	0.100326	39.30381	18.24255	21.06127	31.22638	11
2019.43	2020.01	1375.51	75.08481	63.0402	74.59038	73.72513	59.49808	0.507622	39.9943	27.95781	12.03649	30.95468	11
2019.435	2020.015	1375.515	75.10953	83.23873	74.63982	73.91054	54.3957	1.923642	43.68066	31.26635	12.41431	29.70242	11
2019.44	2020.021	1375.521	74.57802	58.89965	74.36788	72.71155	58.76304	0.655537	40.58143	16.83973	23.74169	31.03235	11
2019.445	2020.026	1375.526	74.62746	70.2365	74.25664	74.29372	57.21938	1.128962	41.65166	21.57823	20.07343	30.22757	11
2019.45	2020.031	1375.531	73.5768	63.48328	73.2307	72.34072	59.62867	0.492692	39.87864	14.08084	25.79779	30.87694	11
2019.455	2020.037	1375.537	73.87345	97.05073	73.10709	70.79563	54.48948	2.067309	43.44321	22.8871	20.55611	29.62624	11
2019.46	2020.042	1375.542	74.71398	101.5427	73.72513	74.80051	54.35346	2.111745	43.5348	25.67618	17.85862	28.94203	11
2019.465	2020.048	1375.548	74.28136	95.12561	73.41611	72.68682	55.34645	1.831073	42.82248	24.33531	18.48717	29.52404	11
2019.47	2020.053	1375.553	73.13181	96.74516	72.72391	72.8846	52.46766	2.537473	44.99486	28.79725	16.19762	28.86659	11
2019.475	2020.059	1375.559	75.56687	197.5086	73.58916	69.90566	38.00869	6.887647	55.10366	19.73405	35.36961	26.47702	11
2019.48	2020.064	1375.564	76.80295	248.1577	74.03414	70.43717	30.74534	8.90498	60.34968	30.80257	29.54711	25.47207	11
2019.485	2020.07	1375.57	82.05626	268.066	80.54825	77.42098	11.32335	13.44234	75.23432	49.33368	25.90063	27.07935	11
2019.49	2020.075	1375.575	86.67917	299.2499	85.92517	84.28119	0	18.91168	81.08832	81.08832	0	-9999	11
2019.495	2020.08	1375.58	86.18474	317.4164	85.56671	85.98697	0	20.42258	79.57742	79.57742	0	-9999	11
2019.5	2020.086	1375.586	85.34421	285.6977	84.91159	82.56305	0	18.58485	81.41515	81.41515	0	-9999	11

2019.505	2020.091	1375.591	83.13164	278.2875	82.97095	83.37886	0	18.10539	81.89461	81.89461	0	-9999	11
2019.51	2020.097	1375.597	84.61493	276.7138	84.44188	85.12172	0	18.52407	81.47593	81.47593	0	-9999	11
2019.515	2020.102	1375.602	85.41838	279.6015	85.20824	85.05992	0	18.91991	81.08009	81.08009	0	-9999	11
2019.52	2020.108	1375.608	87.02527	295.69	88.06357	89.29965	0	25.21819	74.78181	74.78181	0	-9999	11
2019.525	2020.113	1375.613	86.37015	313.6425	86.85222	88.94119	0	24.0116	75.9884	75.9884	0	-9999	11
2019.53	2020.119	1375.619	84.45424	348.6462	83.67551	79.16385	0	21.46474	78.53526	78.53526	0	-9999	11
2019.535	2020.124	1375.624	84.26883	335.8579	83.57663	86.1971	0	20.80554	79.19446	79.19446	0	-9999	11
2019.54	2020.13	1375.63	85.02283	349.8685	84.14522	81.98209	0	21.41265	78.58735	78.58735	0	-9999	11
2019.545	2020.135	1375.635	76.54337	337.2635	75.3073	74.07123	0	17.84192	82.15808	82.15808	0	-9999	11
2019.55	2020.14	1375.64	84.13286	302.7029	83.34177	87.90288	0	18.23241	81.76759	81.76759	0	-9999	11
2019.555	2020.146	1375.646	87.08708	277.0499	86.01169	87.89052	1.168038	16.45489	82.37707	82.37707	0	-9999	11
2019.56	2020.151	1375.651	82.55069	261.6336	82.42708	84.86214	1.695988	16.87648	81.42753	81.42753	0	-9999	11
2019.565	2020.157	1375.657	84.73854	254.3304	84.36772	85.69031	3.366467	16.44218	80.19135	79.96284	0.228517	-9999	11
2019.57	2020.162	1375.662	87.2354	245.1478	87.28485	88.42204	0.03447	18.2899	81.67563	81.67563	0	-9999	11
2019.575	2020.168	1375.668	91.63583	261.1294	92.03137	92.37747	0	23.33557	76.66443	76.66443	0	-9999	11
2019.58	2020.173	1375.673	92.63704	262.4128	92.63704	91.73471	0	22.24277	77.75723	77.75723	0	-9999	11
2019.585	2020.179	1375.679	97.01274	257.1569	97.50717	97.85327	0	27.88933	72.11067	72.11067	0	-9999	11
2019.59	2020.184	1375.684	98.84213	251.4121	98.52075	98.2859	0	24.00862	75.99138	75.99138	0	-9999	11
2019.595	2020.19	1375.69	103.292	221.0685	103.0819	103.8853	0	26.58941	73.41059	73.41059	0	-9999	11
2019.6	2020.195	1375.695	101.8334	210.6637	102.093	103.9595	0	28.01516	71.98484	71.98484	0	-9999	11
2019.605	2020.2	1375.7	99.20059	230.1288	99.54669	99.18823	0	27.21568	72.78432	72.78432	0	-9999	11
2019.61	2020.206	1375.706	100.3378	308.57	99.65794	100.3625	0	26.61237	73.38763	73.38763	0	-9999	11
2019.615	2020.211	1375.711	99.39836	268.3716	98.70616	96.11041	0	23.18755	76.81245	76.81245	0	-9999	11
2019.62	2020.217	1375.717	100.8569	256.6833	100.5232	99.89279	0	25.87186	74.12814	74.12814	0	-9999	11
2019.625	2020.222	1375.722	99.386	226.4772	98.9781	99.20059	0	22.17879	77.82121	77.82121	0	-9999	11
2019.63	2020.228	1375.728	99.15115	244.3075	98.52075	98.65672	0	21.79303	78.20697	78.20697	0	-9999	11
2019.635	2020.233	1375.733	100.4243	250.5107	99.0399	98.86685	0	18.09696	81.90304	81.90304	0	-9999	11
2019.64	2020.239	1375.739	99.70738	202.9173	99.69502	99.2624	0	23.45739	76.54261	76.54261	0	-9999	11
2019.645	2020.244	1375.744	99.01518	195.9044	98.87921	99.6703	2.55093	21.58123	75.86784	75.86784	0	-9999	11
2019.65	2020.249	1375.749	99.37364	187.9594	98.71852	97.00038	8.167244	17.98029	73.85246	71.99329	1.859176	29.00884	11
2019.655	2020.255	1375.755	101.4008	217.3252	101.3019	101.5491	0	25.36878	74.63122	74.63122	0	-9999	11
2019.66	2020.26	1375.76	100.004	176.5309	99.54669	98.96574	8.820249	18.9451	72.23465	62.17726	10.05738	28.73474	11
2019.665	2020.266	1375.766	96.9633	184.1092	96.91386	95.45529	6.622531	19.69412	73.68335	69.70214	3.981212	-9999	11
2019.67	2020.271	1375.771	96.679	173.0626	96.88914	98.64436	7.54564	20.23677	72.21759	54.80287	17.41473	-9999	11
2019.675	2020.277	1375.777	95.6407	172.1306	95.28224	92.78537	13.13302	16.23298	70.634	50.69426	19.93974	28.65806	11
2019.68	2020.282	1375.782	93.44049	212.6652	93.09439	93.46521	5.252055	17.71458	77.03337	73.22993	3.803438	-9999	11
2019.685	2020.288	1375.788	93.60118	230.8011	92.74829	91.36389	4.642956	16.5973	78.75975	78.43203	0.327714	-9999	11
2019.69	2020.293	1375.793	94.52824	315.7816	93.32925	93.5641	0	21.05763	78.94237	78.94237	0	-9999	11
2019.695	2020.299	1375.799	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2020.005	2020.636	1376.136	142.1047	173.2918	142.4879	143.2542	0	100	0	0	0	-9999	10
2020.01	2020.64	1376.14	137.8526	158.4255	138.3965	136.3322	0	100	0	0	0	-9999	10
2020.015	2020.645	1376.145	133.9713	167.3025	133.9219	134.9725	0	100	0	0	0	-9999	10
2020.02	2020.65	1376.15	132.2408	138.8993	132.1543	130.6463	0	89.19532	10.80468	10.80468	0	-9999	10
2020.025	2020.654	1376.154	132.2903	134.6365	132.8218	132.8465	0	100	0	0	0	-9999	10
2020.03	2020.659	1376.159	133.6252	153.3683	134.0826	135.3186	0	100	0	0	0	-9999	10
2020.035	2020.664	1376.164	132.1667	158.9756	132.5869	132.1049	0	100	0	0	0	-9999	10
2020.04	2020.668	1376.168	132.1172	174.6669	133.205	133.6252	0	100	0	0	0	-9999	10
2020.045	2020.673	1376.173	132.8836	184.2467	133.5263	133.8106	0	100	0	0	0	-9999	10
2020.05	2020.678	1376.178	132.3768	172.1459	132.9701	133.2668	0	100	0	0	0	-9999	10
2020.055	2020.682	1376.182	131.1902	164.644	131.9194	132.8959	0	100	0	0	0	-9999	10
2020.06	2020.687	1376.187	130.8811	173.7043	131.3014	130.7205	0	100	0	0	0	-9999	10
2020.065	2020.692	1376.192	131.3261	156.9741	131.4992	129.7687	0	94.97593	5.024066	5.024066	0	-9999	10
2020.07	2020.696	1376.196	132.1914	194.0251	132.4015	128.5326	0	100	0	0	0	-9999	10
2020.075	2020.701	1376.201	135.0467	178.563	135.0962	130.0283	0	100	0	0	0	-9999	10
2020.08	2020.706	1376.206	135.7636	162.7494	135.8131	132.76	0	100	0	0	0	-9999	10
2020.085	2020.71	1376.21	134.1815	181.252	134.5028	133.2668	0	100	0	0	0	-9999	10
2020.09	2020.715	1376.215	134.6759	185.1634	135.2445	135.5906	0	100	0	0	0	-9999	10
2020.095	2020.72	1376.22	134.2185	203.1007	134.5646	132.3892	0	100	0	0	0	-9999	10
2020.1	2020.724	1376.224	130.1024	188.8456	130.2631	126.1346	0	91.26188	8.738119	8.738119	0	-9999	10
2020.105	2020.729	1376.229	127.4325	169.2429	127.7786	126.1841	0	84.16916	15.83084	15.83084	0	-9999	10
2020.11	2020.733	1376.233	124.4659	184.6134	124.9851	125.7762	0	78.16952	21.83048	21.83048	0	-9999	10
2020.115	2020.738	1376.238	125.6526	158.6547	125.6773	124.6143	0	68.61044	31.38956	31.38956	0	-9999	10
2020.12	2020.743	1376.243	124.0086	140.6563	123.9221	123.6378	0	59.68192	40.31808	40.31808	0	-9999	10
2020.125	2020.747	1376.247	119.7936	153.5211	119.9543	120.2509	0	54.03245	45.96755	45.96755	0	-9999	10
2020.13	2020.752	1376.252	117.6675	156.7143	117.2843	114.1447	0	40.12422	59.87578	59.87578	0	-9999	10
2020.135	2020.757	1376.257	117.0371	176.1031	117.0371	114.9852	0	46.32827	53.67173	53.67173	0	-9999	10
2020.14	2020.761	1376.261	116.2955	178.0588	116.7528	116.7528	0	52.03328	47.96672	47.96672	0	-9999	10
2020.145	2020.766	1376.266	115.5044	188.4789	116.2584	117.7788	0	55.39695	44.60305	44.60305	0	-9999	10
2020.15	2020.771	1376.271	116.8394	157.7227	117.2596	117.6675	0	51.3849	48.6151	48.6151	0	-9999	10
2020.155	2020.775	1376.275	116.8146	131.6113	117.1978	116.246	0	48.96473	51.03527	51.03527	0	-9999	10
2020.16	2020.78	1376.28	117.3956	115.3547	117.7664	118.1372	1.206351	49.07977	49.71388	49.71388	0	-9999	10
2020.165	2020.785	1376.285	116.0483	125.897	116.2708	116.9135	1.044185	44.29216	54.66365	54.66365	0	-9999	10
2020.17	2020.789	1376.289	116.4315	144.0482	116.5798	117.9271	0	45.2049	54.7951	54.7951	0	-9999	10

2020.175	2020.794	1376.294	118.1372	117.4479	118.0383	118.2114	3.657722	43.10479	53.23749	53.23749	0	-9999	10
2020.18	2020.799	1376.299	119.3609	100.7482	119.4969	120.4116	4.753115	48.91792	46.32897	37.18923	9.139735	-9999	10
2020.185	2020.803	1376.303	122.2286	125.729	122.6365	123.1557	0	64.03712	35.96288	35.96288	0	-9999	10
2020.19	2020.808	1376.308	121.7713	151.764	122.1792	122.2904	0	64.35775	35.64225	35.64225	0	-9999	10
2020.195	2020.813	1376.313	122.414	183.6661	122.9456	124.194	0	71.18366	28.81634	28.81634	0	-9999	10
2020.2	2020.817	1376.317	121.6353	178.1963	122.4758	122.6489	0	74.69053	25.30947	25.30947	0	-9999	10
2020.205	2020.822	1376.322	119.0643	114.2546	119.2126	119.8554	1.661688	49.31169	49.02662	49.02662	0	-9999	10
2020.21	2020.827	1376.327	118.471	132.5128	118.5822	118.6317	0	48.45405	51.54595	51.54595	0	-9999	10
2020.215	2020.831	1376.331	118.7305	121.5579	119.2003	119.3733	0	54.65599	45.34401	45.34401	0	-9999	10
2020.22	2020.836	1376.336	120.0408	152.5585	120.424	121.5612	0	58.79506	41.20494	41.20494	0	-9999	10
2020.225	2020.841	1376.341	122.7231	150.4653	123.4153	123.3658	0	73.49801	26.50199	26.50199	0	-9999	10
2020.23	2020.845	1376.345	122.2781	145.9733	122.7107	125.2694	0	66.08482	33.91518	33.91518	0	-9999	10
2020.235	2020.85	1376.35	122.2534	154.1322	122.8096	124.2434	0	69.18218	30.81782	30.81782	0	-9999	10
2020.24	2020.855	1376.355	119.2744	157.0963	119.7318	119.7936	0	58.32995	41.67005	41.67005	0	-9999	10
2020.245	2020.859	1376.359	117.5316	155.6295	117.9271	116.691	0	52.54703	47.45297	47.45297	0	-9999	10
2020.25	2020.864	1376.364	115.764	131.7183	116.2337	116.4685	0	47.83564	52.16436	52.16436	0	-9999	10
2020.255	2020.869	1376.369	116.1719	140.748	116.8517	118.5575	0	52.71938	47.28062	47.28062	0	-9999	10
2020.26	2020.873	1376.373	116.2213	155.7976	117.136	119.9295	0	57.60862	42.39138	42.39138	0	-9999	10
2020.265	2020.878	1376.378	115.0223	152.7418	115.6774	117.89	0	50.29902	49.70098	49.70098	0	-9999	10
2020.27	2020.883	1376.383	114.9111	176.8823	115.319	115.7393	0	48.01734	51.98266	51.98266	0	-9999	10
2020.275	2020.887	1376.387	113.6132	182.3979	113.8975	113.2671	0	43.9279	56.0721	56.0721	0	-9999	10
2020.28	2020.892	1376.392	111.3636	177.6768	111.7715	113.502	0	40.90676	59.09324	59.09324	0	-9999	10
2020.285	2020.897	1376.397	110.3623	178.2879	110.6837	110.3623	0	38.13781	61.86219	61.86219	0	-9999	10
2020.29	2020.901	1376.401	109.0274	186.1871	109.5342	109.6454	0	38.49405	61.50595	61.50595	0	-9999	10
2020.295	2020.906	1376.406	107.6183	181.8937	108.0756	110.3747	0	35.39119	64.60881	64.60881	0	-9999	10
2020.3	2020.911	1376.411	107.4946	164.751	107.9644	110.4241	0	34.16771	65.83229	65.83229	0	-9999	10
2020.305	2020.915	1376.415	114.0087	158.5783	113.9346	114.5279	0	38.16587	61.83413	61.83413	0	-9999	10
2020.31	2020.92	1376.42	113.5761	141.3592	114.1942	115.5415	0	45.66895	54.33105	54.33105	0	-9999	10
2020.315	2020.925	1376.425	108.4835	160.9465	109.0768	110.0904	0	36.80612	63.19388	63.19388	0	-9999	10
2020.32	2020.929	1376.429	110.214	161.573	110.1275	109.6578	0.173027	32.09961	67.72737	67.72737	0	-9999	10
2020.325	2020.934	1376.434	113.3165	176.9129	112.8963	112.921	0	33.66511	66.33489	66.33489	0	-9999	10
2020.33	2020.938	1376.438	112.4637	184.9342	111.9692	109.8185	0	32.04479	67.95521	67.95521	0	-9999	10
2020.335	2020.943	1376.443	110.4365	161.5577	110.9433	110.1151	0	39.30811	60.69189	60.69189	0	-9999	10
2020.34	2020.948	1376.448	109.5218	151.9321	110.0286	109.9668	0	37.031	62.969	62.969	0	-9999	10
2020.345	2020.952	1376.452	108.57	159.9534	108.8914	109.2004	0	33.97698	66.02302	66.02302	0	-9999	10
2020.35	2020.957	1376.457	103.9348	147.2415	104.3056	105.0719	5.873718	27.08601	67.04028	67.04028	0	-9999	10
2020.355	2020.962	1376.462	104.3303	153.9489	104.5033	104.3179	5.419363	26.3452	68.23544	59.6348	8.600641	-9999	10
2020.36	2020.966	1376.466	103.4156	195.828	103.6381	103.1189	0	28.50471	71.49529	71.49529	0	-9999	10
2020.365	2020.971	1376.471	102.9459	175.7975	102.7358	101.4379	4.375308	23.1962	72.42849	72.42849	0	-9999	10
2020.37	2020.976	1376.476	100.2265	159.4339	100.8322	100.5108	4.514588	25.31124	70.17417	60.73391	9.44026	-9999	10
2020.375	2020.98	1376.48	98.22409	149.243	98.81741	99.29948	8.918834	22.39561	68.68556	65.59934	3.086221	28.43281	10
2020.38	2020.985	1376.485	97.32176	123.6816	97.54425	97.35884	18.8087	17.51869	63.67261	50.77335	12.89926	28.0803	11
2020.385	2020.99	1376.49	94.92378	168.2651	95.30696	94.47879	8.98031	19.45024	71.56945	52.97406	18.59539	28.68485	11
2020.39	2020.994	1376.494	97.33412	159.6478	97.40829	98.75561	11.24305	19.06609	69.69085	57.70269	11.98817	28.12483	11
2020.395	2020.999	1376.499	97.35884	146.2942	97.75439	97.14871	11.96121	20.126	67.91279	56.6278	11.285	28.43257	11
2020.4	2021.004	1376.504	97.90272	95.44646	98.42187	99.37364	22.80804	17.97265	59.21931	37.34939	21.86993	27.84012	11
2020.405	2021.008	1376.508	102.0312	71.06155	102.1054	102.5751	28.35963	17.39883	54.24154	25.53647	28.70507	28.03691	11
2020.41	2021.013	1376.513	106.2091	110.4044	106.444	107.1856	13.74963	26.34544	59.90493	46.70674	13.19818	27.63329	11
2020.415	2021.018	1376.518	106.8519	149.6403	107.334	108.2981	1.747293	32.28728	65.96543	65.96543	0	-9999	11
2020.42	2021.022	1376.522	107.6801	156.6226	108.4711	110.3623	0	37.22537	62.77463	62.77463	0	-9999	11
2020.425	2021.027	1376.527	105.9372	161.9244	106.617	107.9273	0	33.63332	66.36668	66.36668	0	-9999	11
2020.43	2021.032	1376.532	104.8124	150.5111	104.9978	107.198	5.711993	26.8056	67.4824	67.4824	0	-9999	11
2020.435	2021.036	1376.536	101.8458	134.7282	101.9447	102.0683	12.93129	21.69171	65.377	39.41093	25.96607	28.17158	11
2020.44	2021.041	1376.541	98.18701	122.5968	98.08813	97.86563	20.76588	16.19882	63.0353	44.17688	18.85841	28.0796	11
2020.445	2021.046	1376.546	100.8075	168.3567	100.9187	101.8705	5.652618	23.00773	71.33965	67.53303	3.806617	-9999	11
2020.45	2021.05	1376.55	101.0794	151.0306	101.3637	100.4861	8.25422	23.36372	68.38206	55.75511	12.62695	28.68666	11
2020.455	2021.055	1376.555	100.0288	174.1321	100.3625	101.2154	3.247084	24.18224	72.57067	66.2956	6.27507	-9999	11
2020.46	2021.06	1376.56	100.0288	179.7394	100.0288	99.57141	4.476598	22.26487	73.25853	73.25853	0	-9999	11
2020.465	2021.064	1376.564	100.9558	200.8394	101.1783	103.4403	0	26.14813	73.85187	73.85187	0	-9999	11
2020.47	2021.069	1376.569	101.8458	222.0616	102.0436	103.0324	0	28.33097	71.66903	71.66903	0	-9999	11
2020.475	2021.074	1376.574	105.0349	208.7691	104.9113	102.8841	0	28.30182	71.69818	71.69818	0	-9999	11
2020.48	2021.078	1376.578	103.428	239.8919	102.7605	100.2142	0	24.37631	75.62369	75.62369	0	-9999	11
2020.485	2021.083	1376.583	102.6122	214.9417	101.9941	102.9583	0	22.41699	77.58301	77.58301	0	-9999	11
2020.49	2021.088	1376.588	104.8742	255.4152	105.1832	106.8642	0	35.05068	64.94932	64.94932	0	-9999	11
2020.495	2021.092	1376.592	107.0249	275.9193	107.5688	109.5589	0	41.68717	58.31283	58.31283	0	-9999	11
2020.5	2021.097	1376.597	108.3352	329.1352	109.0521	110.7455	0	49.22798	50.77202	50.77202	0	-9999	11
2020.505	2021.102	1376.602	111.1534	276.0568	112.0681	111.277	0	53.39433	46.60567	46.60567	0	-9999	11
2020.51	2021.106	1376.606	108.9408	296.8206	109.7443	110.4241	0	49.08062	50.91938	50.91938	0	-9999	11
2020.515	2021.111	1376.611	112.5625	248.28	113.2424	113.1435	0	51.52055	48.47945	48.47945	0	-9999	11
2020.52	2021.116	1376.616	116.8023	315.9955	118.335	122.7354	0	80.41497	19.58503	19.58503	0	-9999	11
2020.525	2021.12	1376.62	116.382	328.0504	117.4079	114.429	0	71.48468	28.51532	28.51532	0	-9999	11
2020.53	2021.125	1376.625	120.3004	353.9174	122.3646	124.194	0	100	0	0	0	-9999	11
2020.535	2021.13	1376.63	128.0011	287.6686	129.6327	130.8317	0	100	0	0	0	-9999	11

2020.54	2021.134	1376.634	125.9616	319.586	128.3348	131.3014	0	100	0	0	0	-9999	11
2020.545	2021.139	1376.639	120.7577	318.822	122.0061	121.8702	0	89.4148	10.5852	10.5852	0	-9999	11
2020.55	2021.143	1376.643	122.0432	348.7379	123.6996	129.3608	0	100	0	0	0	-9999	11
2020.555	2021.148	1376.648	121.8578	310.5868	123.5018	127.6797	0	100	0	0	0	-9999	11
2020.56	2021.153	1376.653	114.3301	372.3283	116.4809	120.288	0	85.86836	14.13164	14.13164	0	-9999	11
2020.565	2021.157	1376.657	108.3846	366.4765	109.8185	111.8456	0	59.67312	40.32688	40.32688	0	-9999	11
2020.57	2021.162	1376.662	108.7431	321.7403	109.6825	112.0805	0	51.89614	48.10386	48.10386	0	-9999	11
2020.575	2021.167	1376.667	104.4539	349.1198	105.109	106.5676	0	43.85675	56.14325	56.14325	0	-9999	11
2020.58	2021.171	1376.671	107.0991	321.0833	107.4576	107.7666	0	43.00879	56.99121	56.99121	0	-9999	11
2020.585	2021.176	1376.676	105.9866	341.6638	106.4563	109.5712	0	43.85445	56.14555	56.14555	0	-9999	11
2020.59	2021.181	1376.681	101.8087	314.6815	100.5974	98.26118	0	24.29633	75.70367	75.70367	0	-9999	11
2020.595	2021.185	1376.685	92.3033	191.0304	91.17848	89.60867	17.569	12.14622	70.28478	40.96251	29.32227	27.91889	11
2020.6	2021.19	1376.69	85.86336	93.44494	84.70145	83.52719	47.39682	3.445154	49.15802	21.66473	27.49329	29.39977	11
2020.605	2021.195	1376.695	86.8893	73.47559	85.97461	85.7274	49.36963	3.197725	47.43265	20.45412	26.97853	29.83009	2
2020.61	2021.199	1376.699	85.4431	42.27635	85.03519	84.70145	54.32273	2.269735	43.40754	23.35061	20.05693	30.95143	2
2020.615	2021.204	1376.704	84.41716	38.05941	83.56427	82.01918	59.73574	0.266619	39.99764	12.66849	27.32916	32.16987	2
2020.62	2021.209	1376.709	86.01169	72.83389	84.14522	81.94501	57.70859	0	42.29141	16.69906	25.59235	31.31773	2
2020.625	2021.213	1376.713	86.46904	56.89813	85.67795	84.89923	52.81006	2.359224	44.83072	28.36257	16.46815	30.63763	2
2020.63	2021.218	1376.718	87.84108	50.02269	87.00055	85.14644	53.59482	2.181963	44.22322	29.31144	14.91178	31.13839	2
2020.635	2021.223	1376.723	88.95355	59.63303	87.70511	83.76204	53.40691	1.701831	44.89126	15.37711	29.51415	31.44623	2
2020.64	2021.227	1376.727	86.67917	60.96228	86.64209	86.0735	45.78968	5.287252	48.92307	24.07579	24.84728	29.59589	2
2020.645	2021.232	1376.732	86.01169	53.90349	85.18352	85.57907	54.24291	1.889178	43.86791	31.00407	12.86385	30.66846	2
2020.65	2021.237	1376.737	83.89801	36.14956	83.32941	82.31583	58.47224	0.82727	40.70049	29.44273	11.25776	31.82463	2
2020.655	2021.241	1376.741	84.8127	29.83943	84.14522	83.39122	59.92414	0.394594	39.68127	12.13846	27.54281	32.21188	2
2020.66	2021.246	1376.746	88.12538	46.03493	87.66803	87.1118	51.32864	3.405789	45.26557	18.76257	26.503	30.59436	2
2020.665	2021.251	1376.751	90.62225	61.13035	89.2502	87.34665	52.46731	1.803396	45.7293	13.05845	32.67084	31.01218	2
2020.67	2021.255	1376.755	94.76309	113.8574	92.47635	89.9424	42.98667	2.291605	54.72172	23.36627	31.35545	29.65926	2
2020.675	2021.26	1376.76	93.2798	77.63142	92.43927	91.63583	41.90988	6.172271	51.91785	21.26324	30.6546	29.33975	2
2020.68	2021.265	1376.765	102.6863	165.3468	100.1153	97.35884	25.44015	5.072273	69.48757	48.30545	21.18212	29.10793	2
2020.685	2021.269	1376.769	111.586	276.179	110.1028	107.2969	0	25.57652	74.42348	74.42348	0	-9999	2
2020.69	2021.274	1376.774	110.1151	175.0183	108.0509	103.0324	12.33754	11.6834	75.97906	56.65688	19.32218	30.11262	2
2020.695	2021.279	1376.779	112.1794	148.418	111.6231	109.5836	5.188649	28.43694	66.37441	66.37441	0	-9999	2
2020.7	2021.283	1376.783	108.6689	183.1771	107.0002	105.4798	8.628146	15.47131	75.90054	60.93359	14.96695	29.44069	2
2020.705	2021.288	1376.788	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2021.01	2021.572	1377.072	132.2655	101.9247	133.1555	132.4757	0	100	0	0	0	-9999	9
2021.015	2021.577	1377.077	132.9948	53.79654	133.2544	133.1926	2.484385	94.22494	3.290671	3.290671	0	-9999	9
2021.02	2021.581	1377.081	135.776	63.95692	135.2939	135.0344	3.344539	85.22399	11.43147	11.43147	0	-9999	9
2021.025	2021.586	1377.086	136.4311	62.85685	136.9008	138.0627	0	100	0	0	0	-9999	9
2021.03	2021.591	1377.091	137.9638	149.4569	138.2481	136.5918	0	100	0	0	0	-9999	9
2021.035	2021.595	1377.095	132.9207	216.2862	129.6574	127.0122	0	0	100	100	0	-9999	9
2021.04	2021.6	1377.1	132.6735	175.1405	131.0666	126.1841	0	42.69357	57.30643	57.30643	0	-9999	9
2021.045	2021.605	1377.105	139.6943	248.7231	137.2346	138.3347	0	25.81259	74.18741	74.18741	0	-9999	9
2021.05	2021.609	1377.109	136.6536	238.4557	137.148	138.3718	0	100	0	0	0	-9999	9
2021.055	2021.614	1377.114	140.9675	273.8108	139.3977	134.5276	0	71.14021	28.85979	28.85979	0	-9999	9
2021.06	2021.619	1377.119	140.1023	406.8278	136.6042	135.0838	0	0	100	100	0	-9999	9
2021.065	2021.623	1377.123	137.2098	364.6278	132.3274	131.0542	0	0	100	100	0	-9999	9
2021.07	2021.628	1377.128	144.8488	318.5012	147.5434	137.0368	0	100	0	0	0	-9999	9
2021.075	2021.633	1377.133	117.9024	189.9609	115.3808	112.5996	5.101585	9.638509	85.25991	69.38126	15.87864	-9999	3
2021.08	2021.637	1377.137	114.4785	51.01581	114.9605	116.3696	18.59796	39.6436	41.75844	29.15882	12.59962	25.46906	3
2021.085	2021.642	1377.142	116.0359	59.8011	115.628	115.9988	21.93636	30.27304	47.79061	34.54005	13.25056	26.54303	3
2021.09	2021.647	1377.147	109.6949	74.88124	109.2128	107.4081	24.69551	21.18633	54.11816	22.42723	31.69093	28.07338	3
2021.095	2021.651	1377.151	108.6813	90.7406	108.4093	107.1856	20.16151	23.23256	56.60593	44.41612	12.18981	27.87063	3
2021.1	2021.656	1377.156	103.7123	62.07763	102.8717	100.6839	36.07604	11.23877	52.6852	37.33128	15.35392	29.33836	3
2021.105	2021.661	1377.161	103.7493	53.12428	103.5392	103.5887	33.32306	15.70809	50.96885	22.9148	28.05405	28.45208	3
2021.11	2021.665	1377.165	106.4316	60.61087	106.5058	107.062	26.8403	21.76367	51.39603	32.84775	18.54828	27.64206	3
2021.115	2021.67	1377.17	100.7951	58.60935	99.97932	97.32176	39.40753	9.130423	51.46204	25.46165	26.0004	29.75715	3
2021.12	2021.675	1377.175	105.7271	71.21434	105.1708	103.5639	29.80804	15.9408	54.25116	20.48513	33.76603	28.57398	3
2021.125	2021.679	1377.179	111.6849	97.53965	112.4637	113.9222	7.61014	40.76286	51.627	51.627	0	-9999	3
2021.13	2021.684	1377.184	102.4762	125.5609	101.1659	99.16351	25.49051	11.19004	63.31945	28.50168	34.81777	28.71691	3
2021.135	2021.689	1377.189	95.99916	42.64304	95.5789	94.96086	44.61821	7.382653	47.99914	22.56731	25.43183	29.9437	3
2021.14	2021.693	1377.193	95.925	72.63526	94.14505	91.2032	47.96584	2.208812	49.82534	31.26516	18.56018	30.78538	3
2021.145	2021.698	1377.198	93.92256	48.93789	93.48993	92.37747	45.10112	6.51354	48.38534	29.26452	19.12082	30.00365	3
2021.15	2021.703	1377.203	92.98314	35.82871	92.84718	92.46399	46.83871	6.517111	46.64418	25.95765	20.68653	30.1652	3
2021.155	2021.707	1377.207	90.70877	33.36883	90.1649	88.80522	52.68768	3.333797	43.97852	28.26806	15.71045	31.22656	3
2021.16	2021.712	1377.212	90.27614	32.65073	90.33795	90.89418	48.56549	5.598008	45.8365	33.45804	12.37846	30.19222	3
2021.165	2021.717	1377.217	97.87799	45.56129	97.95216	98.24882	38.35164	11.81431	49.83405	23.829	26.00505	28.96471	3
2021.17	2021.721	1377.221	102.4267	61.17619	102.093	101.7098	33.54924	14.02614	52.42462	26.07656	26.34806	28.63156	9
2021.175	2021.726	1377.226	114.5155	145.5608	114.6515	114.5773	0	41.15971	58.84029	58.84029	0	-9999	9
2021.18	2021.731	1377.231	109.7196	118.6091	108.7431	106.1968	17.92245	18.88796	63.18959	48.69921	14.49038	28.60399	9
2021.185	2021.735	1377.235	108.4588	88.83076	108.3228	108.6195	19.77463	24.22539	55.99998	34.87791	21.12207	27.51547	9
2021.19	2021.74	1377.24	122.1421	120.8398	122.241	122.6489	0	56.98237	43.01763	43.01763	0	-9999	9
2021.195	2021.745	1377.245	137.2098	136.2102	137.4447	137.1975	0	100	0	0	0	-9999	9
2021.2	2021.749	1377.249	132.3397	398.1189	137.0121	133.7488	0	100	0	0	0	-9999	9

2021.205	2021.754	1377.254	116.6292	189.2887	114.7257	107.4699	1.645792	17.95316	80.40105	80.40105	0	-9999	3
2021.21	2021.758	1377.258	105.4798	46.98221	104.8989	104.2067	36.09124	13.8548	50.05396	31.84852	18.20544	28.92786	3
2021.215	2021.763	1377.263	106.0484	45.63768	105.4675	105.5664	35.89352	14.30283	49.80365	17.094	32.70965	28.73867	3
2021.22	2021.768	1377.268	106.5799	64.40001	105.999	105.6282	30.86404	16.08698	53.04898	36.98797	16.061	28.38364	3
2021.225	2021.772	1377.272	109.0521	96.2104	108.8543	107.1362	17.92189	24.85678	57.22134	39.8135	17.40784	27.89724	3
2021.23	2021.777	1377.277	109.0521	90.98506	108.7678	108.6566	19.85699	23.58836	56.55466	44.38884	12.16582	27.63649	3
2021.235	2021.782	1377.282	110.3253	77.58558	110.2758	109.5836	20.10824	27.01517	52.87659	23.80677	29.06982	27.37493	3
2021.24	2021.786	1377.286	107.4823	62.73462	107.0744	105.3562	29.09578	18.55742	52.3468	36.78886	15.55794	28.36711	3
2021.245	2021.791	1377.291	108.1745	101.3746	107.643	104.1696	20.06603	20.71398	59.21999	45.46185	13.75814	28.51753	10
2021.25	2021.796	1377.296	106.889	62.70406	107.0126	104.9731	25.52981	22.97645	51.49374	21.54756	29.94618	27.99767	10
2021.255	2021.8	1377.3	106.0237	54.88133	105.8507	105.999	30.51804	18.58829	50.89367	34.34235	16.55132	28.07771	10
2021.26	2021.805	1377.305	112.3277	77.75365	111.6726	109.2004	22.91931	22.65328	54.42741	35.32882	19.09859	28.02883	10
2021.265	2021.81	1377.31	117.9889	129.2278	117.4574	115.1583	4.29629	36.44933	59.25438	59.25438	0	-9999	10
2021.27	2021.814	1377.314	130.2384	164.1551	130.2507	130.1642	0	85.58278	14.41722	14.41722	0	-9999	10
2021.275	2021.819	1377.319	140.0775	177.2031	140.572	140.2382	0	100	0	0	0	-9999	10
2021.28	2021.824	1377.324	142.6733	184.3994	142.3766	141.19	0	100	0	0	0	-9999	10
2021.285	2021.828	1377.328	144.2555	167.3789	144.2678	144.8611	0	100	0	0	0	-9999	10
2021.29	2021.833	1377.333	142.5744	172.2681	142.698	144.0206	0	100	0	0	0	-9999	10
2021.295	2021.838	1377.338	140.0281	170.1291	140.0775	137.7043	0	100	0	0	0	-9999	10
2021.3	2021.842	1377.342	128.3966	161.4966	128.4337	129.0641	0	78.84269	21.15731	21.15731	0	-9999	10
2021.305	2021.847	1377.347	110.3005	103.2997	109.8432	110.795	17.06941	24.12188	58.8087	40.50418	18.30453	27.49889	8
2021.31	2021.852	1377.352	102.7976	65.92788	102.4267	101.3143	32.34556	14.39634	53.2581	22.56629	30.69181	28.67184	8
2021.315	2021.856	1377.356	96.76553	36.97462	95.66542	94.24394	50.55367	3.695587	45.75074	13.64779	32.10295	31.14984	8
2021.32	2021.861	1377.361	97.68022	46.96693	96.9015	96.03625	44.80332	6.660681	48.53599	24.31945	24.21654	30.07665	8
2021.325	2021.866	1377.366	96.71609	68.11275	95.61598	92.5876	43.06373	5.774695	51.16157	17.49528	33.6663	30.13256	8
2021.33	2021.87	1377.37	99.94224	51.3825	99.42309	98.54547	39.642	10.04154	50.31647	28.34664	21.96983	29.39992	8
2021.335	2021.875	1377.375	105.2574	80.04546	104.6764	103.737	28.29463	15.87987	55.8255	29.06889	26.75661	28.39822	8
2021.34	2021.88	1377.38	107.2845	105.0721	106.6541	105.8012	20.75638	19.0698	60.17382	28.52647	31.64735	28.15053	8
2021.345	2021.884	1377.384	104.8865	106.1416	102.3649	97.72967	37.36044	1.676815	60.96274	23.70991	37.25284	30.50266	8
2021.35	2021.889	1377.389	106.9508	89.94611	104.9483	99.57141	35.35723	5.32778	59.31499	27.75652	31.55847	30.39785	8
2021.355	2021.894	1377.394	111.9569	137.0353	111.3512	105.4551	8.531135	26.78148	64.68738	51.67908	13.00831	29.20589	8
2021.36	2021.898	1377.398	106.7159	93.12409	107.3463	96.98802	14.39975	29.72145	55.87881	43.45123	12.42758	29.33034	8
2021.365	2021.903	1377.403	102.7358	64.56807	101.5615	99.57141	38.95821	8.211047	52.83074	26.36715	26.46359	29.69954	8
2021.37	2021.908	1377.408	106.7283	103.5137	106.2338	101.0918	20.59151	19.67735	59.73114	32.04495	27.68619	28.89513	8
2021.375	2021.912	1377.412	104.9113	146.829	103.6875	100.449	17.43281	14.72015	67.84704	37.51343	30.3336	28.97719	8
2021.38	2021.917	1377.417	105.5787	112.0239	104.3179	104.0336	25.52894	12.49175	61.97932	28.593	33.38632	28.46487	8
2021.385	2021.922	1377.422	98.43423	60.64143	97.55662	96.80261	41.56678	7.427536	51.00569	23.41894	27.58675	29.60573	8
2021.39	2021.926	1377.426	96.77789	74.57567	95.73959	93.08203	40.96387	6.57906	52.45707	32.71559	19.74148	29.77429	8
2021.395	2021.931	1377.431	97.72967	62.7499	97.07455	94.47879	39.9804	8.479681	51.53992	27.63445	23.90546	29.70189	8
2021.4	2021.936	1377.436	100.8446	71.41296	99.52197	95.6407	40.1912	6.613407	53.1954	27.79203	25.40337	30.14944	9
2021.405	2021.94	1377.44	102.2661	56.80646	102.1054	101.7098	33.41341	14.89203	51.69456	34.0265	17.66806	28.57691	9
2021.41	2021.945	1377.445	100.3131	48.96845	100.004	99.97932	38.25651	11.57557	50.16792	25.58154	24.58638	29.04969	9
2021.415	2021.949	1377.449	101.784	70.32817	101.512	101.7963	31.44682	14.53126	54.02192	25.22479	28.79713	28.34086	9
2021.42	2021.954	1377.454	100.7333	72.77277	100.4737	99.3242	31.72604	13.87232	54.40163	31.16099	23.24065	28.63497	9
2021.425	2021.959	1377.459	104.5404	167.7761	107.0744	110.2634	0	49.1388	50.8612	50.8612	0	-9999	9
2021.43	2021.963	1377.463	111.0298	139.5563	111.1905	116.073	2.834613	34.75762	62.40776	62.40776	0	-9999	9
2021.435	2021.968	1377.468	110.5972	140.0299	108.9532	107.2103	17.10417	13.94639	68.94944	50.15129	18.79815	28.97383	9
2021.44	2021.973	1377.473	114.5403	174.9266	111.2647	109.2869	17.67657	0	82.32343	41.4859	40.83753	28.86907	10
2021.445	2021.977	1377.477	121.1903	190.8165	121.6724	128.5326	0	66.70583	33.29417	33.29417	0	-9999	10
2021.45	2021.982	1377.482	126.6414	165.1482	128.0876	131.4745	0	100	0	0	0	-9999	10
2021.455	2021.987	1377.487	124.8491	201.42	126.7527	129.3361	0	100	0	0	0	-9999	10
2021.46	2021.991	1377.491	121.7836	301.2515	125.2817	123.0074	0	100	0	0	0	-9999	8
2021.465	2021.996	1377.496	111.9939	324.6738	107.4081	96.58012	0	0	100	100	0	-9999	8
2021.47	2022.001	1377.501	102.4885	174.0863	100.0164	97.6555	22.74079	6.315894	70.94332	49.49049	21.45282	28.93968	8
2021.475	2022.005	1377.505	98.22409	87.77652	97.63078	97.90272	32.99011	10.84885	56.16105	22.07096	34.09009	28.46255	8
2021.48	2022.01	1377.51	94.68893	53.99517	93.82367	92.06845	46.52505	5.105108	48.36984	24.71447	23.65536	30.33739	8
2021.485	2022.015	1377.515	96.74081	87.42511	95.17099	93.94728	42.00763	4.546538	53.44583	23.25103	30.1948	29.60372	8
2021.49	2022.019	1377.519	95.20808	102.0316	93.25508	91.62346	42.85264	3.161204	53.98616	30.37201	23.61415	29.5874	8
2021.495	2022.024	1377.524	97.01274	78.39536	95.09683	91.88304	46.62493	2.16686	51.20821	23.84307	27.36514	30.6914	8
2021.5	2022.029	1377.529	99.99168	100.7024	98.81741	91.5493	32.73827	9.130503	58.13122	26.96683	31.1644	29.93902	8
2021.505	2022.033	1377.533	102.1548	103.9415	101.475	101.9818	26.13251	14.11087	59.75662	40.17414	19.58248	28.12055	8
2021.51	2022.038	1377.538	100.9435	136.0116	100.9805	94.29338	13.92983	20.42684	65.64333	42.26706	23.37627	29.41114	8
2021.515	2022.043	1377.543	96.09805	122.2454	94.91142	86.96347	31.20279	8.691394	60.10582	27.53747	32.56835	29.69724	8
2021.52	2022.047	1377.547	96.2093	97.75356	94.03381	91.27736	44.69112	1.960838	53.34804	35.25585	18.09219	30.15926	8
2021.525	2022.052	1377.552	101.5491	80.03019	102.5627	104.3674	19.35225	24.61968	56.02807	30.82995	25.19812	27.38424	8
2021.53	2022.057	1377.557	105.2203	99.43422	104.5033	101.8211	24.69042	15.99029	59.31929	28.53991	30.77937	28.65182	8
2021.535	2022.061	1377.561	105.4057	132.9253	103.9966	101.1165	21.77956	12.55266	65.66777	48.29451	17.37326	28.94094	9
2021.54	2022.066	1377.566	107.1238	113.2615	106.6047	107.507	18.06022	20.51415	61.42563	31.52997	29.89566	27.80253	9
2021.545	2022.071	1377.571	109.2375	123.2385	107.9396	104.8371	19.73631	15.46828	64.79541	43.43494	21.36047	28.93161	9
2021.55	2022.075	1377.575	109.4476	119.6633	108.3352	106.8148	18.97126	17.2942	63.73454	50.45509	13.27945	28.50804	9
2021.555	2022.08	1377.58	111.858	122.4135	110.795	110.0162	15.70502	20.2621	64.03288	46.71925	17.31363	28.27529	9
2021.56	2022.085	1377.585	113.8481	141.2522	114.0335	115.2819	0	40.25635	59.74365	59.74365	0	-9999	9
2021.565	2022.089	1377.589	114.7257	118.5938	114.9976	115.4055	3.645179	41.70884	54.64598	54.64598	0	-9999	9

2021.57	2022.094	1377.594	118.7182	116.8215	118.8294	119.5958	1.646314	47.98578	50.3679	50.3679	0	-9999	9
2021.575	2022.099	1377.599	124.0086	106.6611	124.6513	123.3782	0	74.12064	25.87936	25.87936	0	-9999	9
2021.58	2022.103	1377.603	125.6526	96.77572	126.7279	129.2001	0	90.96625	9.033749	9.033749	0	-9999	9
2021.585	2022.108	1377.608	125.8627	88.81548	126.2953	125.9492	0	74.83511	25.16489	25.16489	0	-9999	9
2021.59	2022.113	1377.613	130.3126	148.5555	130.943	133.3409	0	100	0	0	0	-9999	9
2021.595	2022.117	1377.617	136.9132	130.2209	136.5547	134.9973	0	100	0	0	0	-9999	9
2021.6	2022.122	1377.622	138.347	87.89875	138.0504	137.1357	0	100	0	0	0	-9999	9
2021.605	2022.127	1377.627	142.8216	140.6716	141.9564	141.1158	0	100	0	0	0	-9999	9
2021.61	2022.131	1377.631	143.9588	144.4149	144.6263	147.4198	0	100	0	0	0	-9999	9
2021.615	2022.136	1377.636	147.5434	113.2462	147.1726	146.7647	0	100	0	0	0	-9999	9
2021.62	2022.141	1377.641	142.1912	237.0959	141.8204	147.8524	0	100	0	0	0	-9999	9
2021.625	2022.145	1377.645	118.0507	172.6959	117.7293	119.9543	0	42.9493	57.0507	57.0507	0	-9999	9
2021.63	2022.15	1377.65	109.1139	91.97818	107.8778	104.9483	26.93606	13.88816	59.17578	41.98134	17.19444	28.95855	9
2021.635	2022.154	1377.654	118.7553	122.7802	119.9295	124.0209	0	67.58027	32.41973	32.41973	0	-9999	9
2021.64	2022.159	1377.659	122.3646	85.80556	123.5512	124.6019	0	78.66663	21.33337	21.33337	0	-9999	9
2021.645	2022.164	1377.664	131.6599	74.95763	132.0554	132.488	0	98.48053	1.519469	1.519469	0	-9999	9
2021.65	2022.168	1377.668	128.0135	166.89	128.1247	125.7762	0	79.82338	20.17662	20.17662	0	-9999	9
2021.655	2022.173	1377.673	127.0988	108.8765	125.9369	123.9839	5.725818	39.73019	54.54399	54.54399	0	-9999	9
2021.66	2022.178	1377.678	123.1557	103.2539	123.9221	129.8428	0	73.53904	26.46096	26.46096	0	-9999	9
2021.665	2022.182	1377.682	121.2645	56.74534	120.9926	120.906	16.81179	42.93303	40.25517	12.72545	27.52972	24.90398	9
2021.67	2022.187	1377.687	118.5451	68.12803	117.7788	117.2349	20.39082	29.41797	50.19121	21.34219	28.84902	26.7368	9
2021.675	2022.192	1377.692	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2022	2022.495	1377.995	152.0674	83.14705	152.8585	154.9599	0	100	0	0	0	-9999	5
2022.005	2022.499	1377.999	151.7584	71.24489	151.6843	152.4506	0	100	0	0	0	-9999	5
2022.01	2022.504	1378.004	153.2541	191.6874	153.1305	144.2184	0	100	0	0	0	-9999	5
2022.015	2022.509	1378.009	149.9785	90.28224	148.9155	146.5793	0	100	0	0	0	-9999	5
2022.02	2022.513	1378.013	147.1973	112.5587	144.7252	141.9811	0	23.5826	76.4174	76.4174	0	-9999	5
2022.025	2022.518	1378.018	143.7858	231.7331	140.4607	136.5053	0	0	100	100	0	-9999	5
2022.03	2022.523	1378.023	143.7116	163.4675	141.4125	138.3718	0	32.49038	67.50962	67.50962	0	-9999	5
2022.035	2022.527	1378.027	140.9057	164.9037	139.3235	135.64	0	63.00015	36.99985	36.99985	0	-9999	5
2022.04	2022.532	1378.032	139.7067	119.1591	137.6054	135.1703	0	32.94224	67.05776	67.05776	0	-9999	5
2022.045	2022.537	1378.037	140.0281	89.47246	138.038	136.7525	4.944925	36.53364	58.52144	58.52144	0	-9999	5
2022.05	2022.541	1378.041	138.1122	78.25785	136.7525	136.6042	4.535923	58.815	36.64908	36.64908	0	-9999	5
2022.055	2022.546	1378.046	138.7797	53.6132	138.038	137.0739	5.096065	87.0107	7.893231	4.97716	2.91607	-9999	5
2022.06	2022.551	1378.051	137.2716	73.44504	134.8366	132.4015	14.80813	12.99979	72.19208	49.30821	22.88387	27.53217	5
2022.065	2022.555	1378.055	137.0492	78.83844	135.1827	132.8712	9.301023	35.36376	55.33522	44.85606	10.47916	24.73958	5
2022.07	2022.56	1378.06	145.5904	100.4579	144.2184	140.2135	0	87.44444	12.55556	12.55556	0	-9999	5
2022.075	2022.564	1378.064	149.6324	132.1919	148.8289	143.4149	0	100	0	0	0	-9999	5
2022.08	2022.569	1378.069	151.9191	210.9998	149.9908	143.6621	0	81.12119	18.87881	18.87881	0	-9999	10
2022.085	2022.574	1378.074	155.7262	295.2775	157.1724	150.3246	0	100	0	0	0	-9999	10
2022.09	2022.578	1378.078	161.0661	238.1807	162.2774	170.3984	0	100	0	0	0	-9999	10
2022.095	2022.583	1378.083	167.6914	149.0138	167.3947	169.904	0	100	0	0	0	-9999	10
2022.1	2022.588	1378.088	168.5319	148.7388	168.3218	169.7309	0	100	0	0	0	-9999	10
2022.105	2022.592	1378.092	171.2389	174.6822	171.5727	171.4985	0	100	0	0	0	-9999	10
2022.11	2022.597	1378.097	171.9435	205.1022	172.1042	173.6616	0	100	0	0	0	-9999	10
2022.115	2022.602	1378.102	159.9041	222.8408	159.521	158.5321	0	100	0	0	0	-9999	10
2022.12	2022.606	1378.106	158.1613	140.4577	157.0117	158.0624	0	100	0	0	0	-9999	-9999
2022.125	2022.611	1378.111	156.2454	134.392	155.9858	155.3801	0	100	0	0	0	-9999	-9999
2022.13	2022.616	1378.116	153.7856	78.51759	154.144	153.4889	0	100	0	0	0	-9999	-9999
2022.135	2022.62	1378.12	155.6026	74.68262	155.8375	156.2577	0	100	0	0	0	-9999	-9999
2022.14	2022.625	1378.125	155.924	65.65287	156.4308	156.8387	0	100	0	0	0	-9999	-9999
2022.145	2022.63	1378.13	149.6695	96.27152	150.3246	153.2046	0	100	0	0	0	-9999	-9999
2022.15	2022.634	1378.134	146.1096	77.17306	146.0354	146.7029	0	100	0	0	0	-9999	-9999
2022.155	2022.639	1378.139	140.7326	72.72693	140.6585	142.4384	0	100	0	0	0	-9999	-9999
2022.16	2022.644	1378.144	136.9503	80.39688	136.8637	136.53	0	100	0	0	0	-9999	-9999
2022.165	2022.648	1378.148	134.132	74.97291	134.3916	135.7884	0	100	0	0	0	-9999	-9999
2022.17	2022.653	1378.153	137.3087	38.1358	137.3953	137.5436	3.27443	86.70458	10.02099	10.02099	0	-9999	-9999
2022.175	2022.658	1378.158	139.7067	87.42511	139.682	137.7908	0	100	0	0	0	-9999	-9999
2022.18	2022.662	1378.162	141.326	99.52589	141.4001	142.3766	0	100	0	0	0	-9999	-9999
2022.185	2022.667	1378.167	145.2072	107.7153	144.7746	143.7981	0	100	0	0	0	-9999	-9999
2022.19	2022.672	1378.172	165.4294	146.2025	166.0845	168.2353	0	100	0	0	0	-9999	-9999
2022.195	2022.676	1378.176	170.6827	108.8612	171.0288	174.2426	0	100	0	0	0	-9999	-9999
2022.2	2022.681	1378.181	167.4195	120.8092	167.3947	168.2106	0	100	0	0	0	-9999	-9999
2022.205	2022.686	1378.186	158.3467	168.754	158.7052	162.0549	0	100	0	0	0	-9999	-9999
2022.21	2022.69	1378.19	157.5803	135.9046	157.605	155.9487	0	100	0	0	0	-9999	-9999
2022.215	2022.695	1378.195	151.8079	148.5096	151.9933	150.9426	0	100	0	0	0	-9999	-9999
2022.22	2022.7	1378.2	155.8127	156.6379	155.5902	154.8733	0	100	0	0	0	-9999	-9999
2022.225	2022.704	1378.204	163.8967	161.0077	164.8361	162.228	0	100	0	0	0	-9999	-9999
2022.23	2022.709	1378.209	164.7496	163.1314	165.3552	165.8497	0	100	0	0	0	-9999	-9999
2022.235	2022.714	1378.214	166.3812	148.5096	166.8756	165.7631	0	100	0	0	0	-9999	-9999
2022.24	2022.718	1378.218	167.642	181.2367	168.3836	172.2525	0	100	0	0	0	-9999	-9999
2022.245	2022.723	1378.223	162.6359	166.4927	163.2786	166.9992	0	100	0	0	0	-9999	-9999
2022.25	2022.728	1378.228	158.2478	164.3384	158.4332	157.6916	0	100	0	0	0	-9999	-9999

2022.255	2022.732	1378.232	158.7175	163.2536	159.3603	162.8954	0	100	0	0	0	-9999	-9999
2022.26	2022.737	1378.237	159.5951	151.0153	160.0896	160.2132	0	100	0	0	0	-9999	-9999
2022.265	2022.742	1378.242	159.3356	155.3545	159.7311	162.537	0	100	0	0	0	-9999	-9999
2022.27	2022.746	1378.246	159.1501	223.3603	159.3974	159.2119	0	100	0	0	0	-9999	-9999
2022.275	2022.751	1378.251	167.3082	293.3065	166.9745	173.3773	0	100	0	0	0	-9999	-9999
2022.28	2022.756	1378.256	164.4776	276.3624	164.0079	167.7285	0	100	0	0	0	-9999	-9999
2022.285	2022.76	1378.26	164.4282	299.968	164.6877	168.5937	0	100	0	0	0	-9999	-9999
2022.29	2022.765	1378.265	164.5394	241.5115	165.1451	171.7704	0	100	0	0	0	-9999	-9999
2022.295	2022.769	1378.269	162.5123	169.1971	162.6482	165.2811	0	100	0	0	0	-9999	-9999
2022.3	2022.774	1378.274	159.6446	121.3898	160.1143	162.4381	0	100	0	0	0	-9999	-9999
2022.305	2022.779	1378.279	160.003	119.7091	159.9783	162.3887	0	100	0	0	0	-9999	-9999
2022.31	2022.783	1378.283	165.5036	170.8166	165.4047	171.2637	0	100	0	0	0	-9999	-9999
2022.315	2022.788	1378.288	164.663	190.9999	164.4529	164.0821	0	100	0	0	0	-9999	-9999
2022.32	2022.793	1378.293	162.0673	184.3994	162.265	163.5258	0	100	0	0	0	-9999	-9999
2022.325	2022.797	1378.297	163.427	164.9037	163.2539	163.291	0	100	0	0	0	-9999	-9999
2022.33	2022.802	1378.302	160.448	167.3789	161.0661	162.71	0	100	0	0	0	-9999	-9999
2022.335	2022.807	1378.307	161.7953	169.9763	162.4628	164.5023	0	100	0	0	0	-9999	-9999
2022.34	2022.811	1378.311	159.2119	148.7999	159.7805	161.1773	0	100	0	0	0	-9999	-9999
2022.345	2022.816	1378.316	155.4666	187.9441	155.4296	154.0328	0	100	0	0	0	-9999	-9999
2022.35	2022.821	1378.321	150.4976	226.9508	151.5607	152.1663	0	100	0	0	0	-9999	-9999
2022.355	2022.825	1378.325	139.3853	210.3428	138.2729	132.7229	0	83.11903	16.88097	16.88097	0	-9999	-9999
2022.36	2022.83	1378.33	135.8131	145.6831	135.6029	131.0542	0	100	0	0	0	-9999	-9999
2022.365	2022.835	1378.335	132.9454	119.373	132.2037	130.6834	0	68.32578	31.67422	31.67422	0	-9999	-9999
2022.37	2022.839	1378.339	128.0753	96.74516	127.8033	128.4832	0.865936	64.74278	34.39129	34.39129	0	-9999	-9999
2022.375	2022.844	1378.344	124.2434	99.46478	123.5883	121.5117	6.702734	44.81003	48.48724	39.16305	9.324188	-9999	3
2022.38	2022.849	1378.349	124.2805	122.3829	123.0568	123.8603	5.529027	33.99891	60.47206	60.47206	0	-9999	3
2022.385	2022.853	1378.353	121.3387	108.7237	120.3251	120.0284	9.912537	32.39618	57.69128	54.25612	3.435163	26.94958	3
2022.39	2022.858	1378.358	115.5415	149.3347	113.2671	110.7455	15.18925	9.609136	75.20161	57.8326	17.36901	29.80699	3
2022.395	2022.863	1378.363	113.5761	71.56575	113.0323	110.523	22.40606	25.32191	52.27202	35.38372	16.8883	27.71815	3
2022.4	2022.867	1378.367	110.0286	53.30762	108.879	107.2722	34.78225	12.92849	52.28926	30.33715	21.95212	29.12433	3
2022.405	2022.872	1378.372	113.0446	47.79199	112.6985	111.8951	27.11558	25.49957	47.38486	25.04174	22.34312	27.36691	3
2022.41	2022.877	1378.377	114.0706	33.33827	114.7751	115.7145	21.52688	40.71322	37.75991	18.00414	19.75576	25.32813	3
2022.415	2022.881	1378.381	114.6391	37.43298	115.9247	117.2349	15.51045	50.97786	33.51168	26.75165	6.760033	24.31091	3
2022.42	2022.886	1378.386	115.628	52.17699	115.9247	116.2955	18.69631	39.52349	41.7802	15.31726	26.46294	25.57987	3
2022.425	2022.891	1378.391	117.7664	78.05922	117.2843	116.4685	16.5006	33.39852	50.10088	25.8609	24.23997	26.5407	3
2022.43	2022.895	1378.395	125.7144	163.9412	126.4436	125.0222	0	86.8639	13.1361	13.1361	0	-9999	3
2022.435	2022.9	1378.4	124.0086	163.0397	124.8244	124.948	0	81.98721	18.01279	18.01279	0	-9999	3
2022.44	2022.905	1378.405	124.1693	94.82003	123.5512	120.4858	7.607607	45.14522	47.24718	44.85682	2.390358	-9999	3
2022.445	2022.909	1378.409	118.6935	96.2104	117.8035	116.4438	14.41638	29.50067	56.08295	34.737	21.34596	27.23132	3
2022.45	2022.914	1378.414	119.6205	113.3073	119.398	117.4574	4.253066	43.92134	51.82559	45.13804	6.687554	-9999	3
2022.455	2022.919	1378.419	120.5105	88.61685	122.4758	124.5154	0	87.7025	12.2975	12.2975	0	-9999	3
2022.46	2022.923	1378.423	120.3622	95.53814	122.7849	125.1705	0	97.13044	2.869562	2.869562	0	-9999	3
2022.465	2022.928	1378.428	120.733	93.93386	122.2657	124.7379	0	79.9953	20.0047	20.0047	0	-9999	3
2022.47	2022.933	1378.433	119.4475	109.2737	121.1656	122.8343	0	79.56999	20.43001	20.43001	0	-9999	3
2022.475	2022.937	1378.437	124.4165	105.6985	124.3052	123.4894	0.819954	57.95312	41.22693	41.22693	0	-9999	3
2022.48	2022.942	1378.442	124.194	121.069	123.6254	122.6118	0.849441	48.07099	51.07957	51.07957	0	-9999	3
2022.485	2022.947	1378.447	121.8207	120.4272	119.5958	117.7541	16.02475	11.33101	72.64423	58.85883	13.7854	29.38276	3
2022.49	2022.951	1378.451	123.8108	106.9055	124.0704	122.6242	0	64.61902	35.38098	35.38098	0	-9999	3
2022.495	2022.956	1378.456	122.1916	85.08746	122.8714	124.2805	1.723845	66.94973	31.32643	31.32643	0	-9999	3
2022.5	2022.961	1378.461	118.4833	58.51768	118.3226	115.7887	18.0794	38.82668	43.09392	26.24507	16.84885	26.03189	3
2022.505	2022.965	1378.465	122.241	90.54198	121.6477	120.7083	10.22532	41.05682	48.71786	44.36685	4.35101	25.81209	3
2022.51	2022.97	1378.47	127.3089	140.4424	127.0246	126.2088	0	64.87788	35.12212	35.12212	0	-9999	10
2022.515	2022.974	1378.474	124.6513	89.39607	123.6254	122.6489	11.63796	36.77208	51.58996	46.24074	5.34922	26.01923	10
2022.52	2022.979	1378.479	119.5711	62.21514	119.5093	121.042	15.41752	43.2551	41.32738	24.5357	16.79167	24.80622	10
2022.525	2022.984	1378.484	125.838	58.34961	124.9974	123.4276	16.62257	41.43192	41.94552	22.24815	19.69736	24.91509	10
2022.53	2022.988	1378.488	129.6945	56.63839	128.3966	126.5673	17.0331	37.95602	45.01088	23.38751	21.62337	24.92138	10
2022.535	2022.993	1378.493	134.5276	58.10515	133.3533	131.3756	11.27378	54.02095	34.70527	20.96667	13.73859	22.20048	10
2022.54	2022.998	1378.498	138.2481	65.80565	138.0627	134.8613	0	100	0	0	0	-9999	10
2022.545	2023.002	1378.502	132.76	91.35175	133.0443	129.2372	0	100	0	0	0	-9999	10
2022.55	2023.007	1378.507	124.6637	42.33747	124.2805	125.1458	18.0334	48.1279	33.8387	24.89589	8.942818	23.5781	10
2022.555	2023.012	1378.512	131.3261	53.29234	131.4374	130.671	5.421049	85.94682	8.632133	8.47586	0.156273	-9999	10
2022.56	2023.016	1378.516	133.5387	91.70316	133.4275	133.8354	0	91.00112	8.998879	8.998879	0	-9999	10
2022.565	2023.021	1378.521	135.6771	60.41225	135.2074	136.0727	4.197529	85.03568	10.76679	10.76679	0	-9999	10
2022.57	2023.026	1378.526	133.5387	31.97846	133.2668	134.9849	11.51311	81.17012	7.316775	2.125146	5.191629	17.62703	10
2022.575	2023.03	1378.53	135.7389	27.79208	135.2939	133.5263	11.84316	84.092	4.064843	0	4.064843	17.24244	10
2022.58	2023.035	1378.535	140.3618	70.92404	139.8674	139.064	0	100	0	0	0	-9999	10
2022.585	2023.04	1378.54	144.1689	132.8794	146.0972	149.2616	0	100	0	0	0	-9999	10
2022.59	2023.044	1378.544	132.8712	106.5847	132.0925	134.5894	0	65.95173	34.04827	34.04827	0	-9999	10
2022.595	2023.049	1378.549	136.6783	92.60461	135.6029	133.9342	0.179843	66.93107	32.88908	32.88908	0	-9999	10
2022.6	2023.054	1378.554	137.1233	134.9879	136.6165	139.3112	0	95.16288	4.837119	4.837119	0	-9999	10
2022.605	2023.058	1378.558	139.7685	134.4837	138.619	138.0009	0	77.74286	22.25714	22.25714	0	-9999	10
2022.61	2023.063	1378.563	144.5027	94.34639	144.8859	146.6411	0	100	0	0	0	-9999	10
2022.615	2023.068	1378.568	149.5459	124.6747	151.882	157.1353	0	100	0	0	0	-9999	10

2022.62	2023.072	1378.572	146.0107	140.7633	146.9007	152.6978	0	100	0	0	0	-9999	10
2022.625	2023.077	1378.577	143.0935	89.10577	141.5608	138.7179	0	67.49208	32.50792	32.50792	0	-9999	10
2022.63	2023.082	1378.582	153.0316	160.9618	153.4889	157.1106	0	100	0	0	0	-9999	10
2022.635	2023.086	1378.586	154.7497	167.3331	156.6038	156.06	0	100	0	0	0	-9999	10
2022.64	2023.091	1378.591	150.2628	297.9971	149.756	159.1131	0	100	0	0	0	-9999	10
2022.645	2023.096	1378.596	147.8524	100.7176	146.7894	146.4928	0	100	0	0	0	-9999	10
2022.65	2023.1	1378.6	151.128	125.4692	149.892	152.0427	0	100	0	0	0	-9999	10
2022.655	2023.105	1378.605	144.5521	157.081	144.1937	141.6473	0	100	0	0	0	-9999	10
2022.66	2023.11	1378.61	138.3347	80.65662	137.1357	135.0838	2.505384	66.64631	30.84831	30.84831	0	-9999	10
2022.665	2023.114	1378.614	145.714	48.83094	145.6646	146.2455	0	100	0	0	0	-9999	10
2022.67	2023.119	1378.619	151.1527	49.77823	151.3505	152.3641	0	100	0	0	0	-9999	10
2022.675	2023.124	1378.624	151.1651	68.83085	151.1651	151.5359	0	100	0	0	0	-9999	10
2022.68	2023.128	1378.628	153.3159	169.7929	152.6113	150.5347	0	100	0	0	0	-9999	10
2022.685	2023.133	1378.633	162.7595	101.7719	163.7607	162.7842	0	100	0	0	0	-9999	10
2022.69	2023.138	1378.638	157.8523	85.28608	157.9388	158.5815	0	100	0	0	0	-9999	10
2022.695	2023.142	1378.642	153.2293	118.4105	152.5742	151.9438	0	100	0	0	0	-9999	10
2022.7	2023.147	1378.647	151.1527	83.07066	151.2516	151.3258	0	100	0	0	0	-9999	10
2022.705	2023.152	1378.652	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2023	2023.426	1378.926	156.987	125.8207	156.0476	155.3554	0	100	0	0	0	-9999	10
2023.005	2023.433	1378.933	159.1254	158.7922	159.3726	157.4938	0	100	0	0	0	-9999	10
2023.01	2023.44	1378.94	154.725	152.8335	154.0822	151.7461	0	100	0	0	0	-9999	10
2023.015	2023.447	1378.947	149.3604	119.7244	148.6064	150.1144	0	100	0	0	0	-9999	10
2023.02	2023.453	1378.953	145.6151	125.5456	143.8599	141.4001	0	65.6284	34.3716	34.3716	0	-9999	10
2023.025	2023.46	1378.96	152.7844	161.466	150.6954	150.7078	0	67.22527	32.77473	32.77473	0	-9999	10
2023.03	2023.467	1378.967	150.0279	87.7918	149.6077	150.1886	0	100	0	0	0	-9999	10
2023.035	2023.473	1378.973	153.3159	74.49927	152.9327	152.5248	0	100	0	0	0	-9999	10
2023.04	2023.48	1378.98	153.4518	67.79189	152.8956	152.327	0	100	0	0	0	-9999	10
2023.045	2023.487	1378.987	156.06	88.67797	156.2206	154.9228	0	100	0	0	0	-9999	10
2023.05	2023.493	1378.993	151.9315	89.7322	151.6225	149.3728	0	100	0	0	0	-9999	10
2023.055	2023.5	1379	151.4618	103.9262	150.4729	148.0873	0	100	0	0	0	-9999	10
2023.06	2023.507	1379.007	156.6904	89.41135	156.6533	158.013	0	100	0	0	0	-9999	10
2023.065	2023.514	1379.014	152.8338	117.509	154.4654	155.479	0	100	0	0	0	-9999	10
2023.07	2023.52	1379.02	151.1651	153.9336	152.2281	147.6547	0	100	0	0	0	-9999	10
2023.075	2023.527	1379.027	150.065	233.6582	150.8561	152.8956	0	100	0	0	0	-9999	10
2023.08	2023.534	1379.034	151.6966	166.5844	150.7696	149.1627	0	100	0	0	0	-9999	10
2023.085	2023.54	1379.04	140.0775	123.2538	139.4348	133.8601	0	100	0	0	0	-9999	10
2023.09	2023.547	1379.047	142.5373	149.4416	143.7858	141.6968	0	100	0	0	0	-9999	10
2023.095	2023.554	1379.054	148.0255	144.858	148.0996	148.5075	0	100	0	0	0	-9999	10
2023.1	2023.56	1379.06	153.2664	100.2593	153.2664	153.6002	0	100	0	0	0	-9999	10
2023.105	2023.567	1379.067	151.3876	119.5716	151.0044	151.0415	0	100	0	0	0	-9999	10
2023.11	2023.574	1379.074	151.1775	95.40063	151.2146	150.0032	0	100	0	0	0	-9999	10
2023.115	2023.581	1379.081	149.1627	121.7259	149.6447	151.0786	0	100	0	0	0	-9999	10
2023.12	2023.587	1379.087	153.7238	235.4	151.2146	153.9216	0	37.85616	62.14384	62.14384	0	-9999	10
2023.125	2023.594	1379.094	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2023.44	2024.016	1379.516	135.4793	76.08826	135.7018	136.1839	0	100	0	0	0	-9999	10
2023.445	2024.023	1379.523	128.8787	148.4791	127.074	126.5673	0	28.93392	71.06608	71.06608	0	-9999	9
2023.45	2024.029	1379.529	127.964	138.991	125.2694	122.8838	9.520752	5.158415	85.32083	70.88491	14.43593	30.60961	9
2023.455	2024.036	1379.536	131.2643	68.32665	130.7328	129.7192	6.820981	65.99648	27.18254	14.68337	12.49917	-9999	9
2023.46	2024.043	1379.543	134.132	70.67958	134.0826	133.9837	0	94.68717	5.312825	5.312825	0	-9999	9
2023.465	2024.05	1379.55	136.5794	89.8086	136.2333	135.6771	0	96.26323	3.736774	3.736774	0	-9999	9
2023.47	2024.056	1379.556	139.4224	70.29761	139.6202	140.9922	0	100	0	0	0	-9999	9
2023.475	2024.063	1379.563	137.2346	93.90331	136.7031	138.2481	0	91.85837	8.141632	8.141632	0	-9999	9
2023.48	2024.07	1379.57	133.2915	97.27991	133.0937	130.5103	0	87.14719	12.85281	12.85281	0	-9999	9
2023.485	2024.076	1379.576	129.7934	142.3523	130.2384	127.7786	0	95.51865	4.481352	4.481352	0	-9999	9
2023.49	2024.083	1379.583	127.3213	118.8383	126.32	126.9875	1.865035	44.91935	53.21562	53.21562	0	-9999	9
2023.495	2024.09	1379.59	130.2013	103.2692	129.6327	127.346	0	63.65099	36.34901	36.34901	0	-9999	9
2023.5	2024.096	1379.596	132.451	143.4524	132.4757	129.917	0	94.26343	5.73657	5.73657	0	-9999	9
2023.505	2024.103	1379.603	127.4696	67.11963	127.0864	126.2706	9.454698	57.82384	32.72147	24.77696	7.944508	22.91652	9
2023.51	2024.11	1379.61	128.1371	95.64509	128.273	129.8428	0	76.18085	23.81915	23.81915	0	-9999	9
2023.515	2024.117	1379.617	126.7279	118.3341	126.7032	124.2929	0	68.24756	31.75244	31.75244	0	-9999	9
2023.52	2024.123	1379.623	123.2422	139.4646	122.2904	118.9778	0.242997	39.05343	60.70357	60.70357	0	-9999	9
2023.525	2024.13	1379.63	121.1656	80.3816	120.5229	119.4969	14.05666	37.18188	48.76145	27.97596	20.78549	26.04044	9
2023.53	2024.137	1379.637	126.5673	147.3179	125.838	123.885	0	51.87737	48.12263	48.12263	0	-9999	9
2023.535	2024.143	1379.643	137.3953	172.2223	141.5608	144.07	0	100	0	0	0	-9999	9
2023.54	2024.15	1379.65	140.3247	120.03	142.0552	146.913	0	100	0	0	0	-9999	9
2023.545	2024.157	1379.657	147.803	99.83147	149.2492	152.6237	0	100	0	0	0	-9999	9
2023.55	2024.163	1379.663	144.033	154.3461	145.5657	145.4792	0	100	0	0	0	-9999	9
2023.555	2024.17	1379.67	141.363	183.9258	142.4013	138.347	0	100	0	0	0	-9999	9
2023.56	2024.177	1379.677	139.2617	126.4624	139.064	139.3235	0	100	0	0	0	-9999	9
2023.565	2024.184	1379.684	139.2246	124.4761	139.1505	141.4496	0	100	0	0	0	-9999	9
2023.57	2024.19	1379.69	139.0392	158.1047	138.5695	143.1306	0	100	0	0	0	-9999	9
2023.575	2024.197	1379.697	145.9736	127.7305	146.4804	151.5359	0	100	0	0	0	-9999	9
2023.58	2024.204	1379.704	155.6891	65.1945	155.615	155.5902	0	100	0	0	0	-9999	9

2023.585	2024.21	1379.71	158.804	200.7477	158.2725	156.9376	0	100	0	0	0	-9999	9
2023.59	2024.217	1379.717	151.8449	149.793	150.3493	147.976	0	100	0	0	0	-9999	9
2023.595	2024.224	1379.724	145.3926	171.6417	147.5063	151.7708	0	100	0	0	0	-9999	9
2023.6	2024.23	1379.73	135.9738	281.0224	134.0331	128.4337	0	44.24442	55.75558	55.75558	0	-9999	9
2023.605	2024.237	1379.737	126.0852	185.3467	124.2434	123.3411	0	27.06453	72.93547	72.93547	0	-9999	9
2023.61	2024.244	1379.744	127.7662	86.09586	127.5561	126.9999	3.248386	64.67602	32.07559	32.07559	0	-9999	9
2023.615	2024.251	1379.751	125.8998	110.4349	126.5673	126.5425	0	82.44096	17.55904	17.55904	0	-9999	9
2023.62	2024.257	1379.757	121.8331	63.55967	121.5241	120.6588	14.92701	44.00961	41.06339	20.90154	20.16185	24.97297	9
2023.625	2024.264	1379.764	125.3806	72.43664	125.8751	128.854	3.288335	73.43242	23.27925	23.27925	0	-9999	9
2023.63	2024.271	1379.771	128.9652	79.99963	130.0653	131.3385	0	100	0	0	0	-9999	9
2023.635	2024.277	1379.777	124.3176	117.2187	125.6155	127.6179	0	91.80305	8.196947	8.196947	0	-9999	9
2023.64	2024.284	1379.784	126.7774	39.49561	126.4807	126.32	16.10596	56.08474	27.80929	10.42719	17.3821	22.49021	9
2023.645	2024.291	1379.791	127.9764	54.46881	128.545	129.3113	4.673683	84.92888	10.39744	4.485844	5.911597	-9999	9
2023.65	2024.297	1379.797	125.7762	54.77438	125.6031	125.702	12.37167	57.13669	30.49164	26.69012	3.801523	22.7631	9
2023.655	2024.304	1379.804	126.5549	59.55664	126.2953	128.236	11.1685	57.6992	31.1323	19.7349	11.3974	22.36021	9
2023.66	2024.311	1379.811	128.4214	146.5081	130.3744	128.7798	0	100	0	0	0	-9999	9
2023.665	2024.318	1379.818	138.4212	154.2086	137.9638	138.347	0	100	0	0	0	-9999	9
2023.67	2024.324	1379.824	139.5337	112.9254	139.9168	141.1529	0	100	0	0	0	-9999	9
2023.675	2024.331	1379.831	129.6574	83.77348	129.2866	128.6315	3.315847	66.39752	30.28664	28.27368	2.012959	-9999	9
2023.68	2024.338	1379.838	130.6216	101.6649	130.6216	130.5721	0	82.5712	17.4288	17.4288	0	-9999	9
2023.685	2024.344	1379.844	135.8625	136.088	134.7624	133.205	0	66.16281	33.83719	33.83719	0	-9999	9
2023.69	2024.351	1379.851	141.7957	175.8892	139.9045	136.6536	0	50.86524	49.13476	49.13476	0	-9999	9
2023.695	2024.358	1379.858	136.9132	162.2147	137.6919	136.9503	0	100	0	0	0	-9999	9
2023.7	2024.364	1379.864	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2024.005	2024.769	1380.269	126.0605	55.72167	126.1593	127.964	9.773367	64.8855	25.34114	5.966617	19.37452	21.59291	9
2024.01	2024.773	1380.273	125.6278	118.2882	126.1099	126.1346	0	77.16863	22.83137	22.83137	0	-9999	9
2024.015	2024.776	1380.276	114.738	88.90715	114.429	110.0904	15.32037	31.46903	53.2106	27.22497	25.98563	27.6429	9
2024.02	2024.779	1380.279	114.8616	60.16779	114.7009	115.3066	21.01203	31.83616	47.15181	31.82073	15.33108	26.37496	9
2024.025	2024.782	1380.282	115.9617	69.50311	115.2572	112.2906	21.95579	26.43533	51.60887	30.32941	21.27947	27.58931	9
2024.03	2024.785	1380.285	124.2064	58.70103	124.503	126.7156	9.225412	63.53083	27.24376	14.48403	12.75973	22.03762	9
2024.035	2024.788	1380.288	128.1989	41.43602	128.0753	128.3101	12.98748	65.51766	21.49485	8.642874	12.85198	21.10829	9
2024.04	2024.791	1380.291	120.3374	27.76152	120.1397	121.3387	24.10399	40.22351	35.6725	15.15857	20.51393	24.77285	9
2024.045	2024.794	1380.294	115.9123	54.37713	115.4426	115.6033	23.84165	28.78333	47.37501	27.71004	19.66498	26.69437	9
2024.05	2024.797	1380.297	112.2288	69.28921	111.6602	110.9186	24.38811	23.01025	52.60163	34.10285	18.49878	27.62732	9
2024.055	2024.8	1380.3	114.7628	70.20594	114.7751	113.4772	17.33263	34.79436	47.87301	23.72146	24.15154	26.56029	9
2024.06	2024.803	1380.303	113.3784	46.70719	113.4772	114.0458	23.62241	31.81693	44.56066	21.04184	23.51882	26.39223	9
2024.065	2024.807	1380.307	113.6132	32.14653	113.7986	113.8233	26.25946	32.43968	41.30086	20.13621	21.16465	26.39285	9
2024.07	2024.81	1380.31	112.2288	50.83246	112.2906	112.8592	23.96907	29.57998	46.45095	33.28644	13.1645	26.68703	9
2024.075	2024.813	1380.313	111.104	55.20219	111.0916	109.8185	24.52121	27.12605	48.35274	21.03416	27.31859	27.32462	9
2024.08	2024.816	1380.316	115.2572	70.2365	114.6515	112.9952	21.66015	26.85323	51.48662	37.70879	13.77783	27.3335	9
2024.085	2024.819	1380.319	121.8578	45.98909	121.932	121.5859	16.18668	50.62338	33.18994	10.6161	22.57384	23.88643	9
2024.09	2024.822	1380.322	140.6832	69.28921	142.0676	143.5138	0	100	0	0	0	-9999	9
2024.095	2024.825	1380.325	124.3176	76.9286	124.1569	123.8108	8.256433	54.59259	37.15098	20.47236	16.67862	23.85706	9
2024.1	2024.828	1380.328	123.6007	97.17296	123.3535	121.7713	4.687434	52.03915	43.27341	40.3941	2.879314	-9999	9
2024.105	2024.831	1380.331	137.3458	225.8507	137.9144	131.87	0	100	0	0	0	-9999	9
2024.11	2024.834	1380.334	155.5284	72.4672	156.2083	153.3777	0	100	0	0	0	-9999	9
2024.115	2024.837	1380.337	142.4013	100.0454	142.3272	139.682	0	100	0	0	0	-9999	9
2024.12	2024.841	1380.341	119.3857	60.42753	118.8665	115.8876	19.56514	34.60577	45.82908	25.45074	20.37834	26.4915	9
2024.125	2024.844	1380.344	112.8963	23.8196	112.7974	112.7109	31.13744	26.83147	42.03109	10.29488	31.73622	27.1689	9
2024.13	2024.847	1380.347	127.4078	67.62383	127.346	126.9875	6.898853	66.19246	26.90869	20.42628	6.48241	-9999	9
2024.135	2024.85	1380.35	129.2866	86.79868	128.718	127.8404	4.457636	59.64772	35.89465	35.89465	0	-9999	9
2024.14	2024.853	1380.353	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2024.15	2024.859	1380.359	138.0256	155.2017	139.9539	142.6486	0	100	0	0	0	-9999	9
2024.155	2024.862	1380.362	118.0754	42.68888	118.026	118.5451	21.42308	38.75382	39.8231	15.92978	23.89332	25.33749	9
2024.16	2024.865	1380.365	117.0371	50.02269	117.1113	118.2114	19.64558	39.00427	41.35015	31.83417	9.515979	25.34582	9
2024.165	2024.868	1380.368	112.7974	30.71032	112.7232	112.7603	29.36927	27.45069	43.18004	27.23879	15.94125	27.02751	9
2024.17	2024.871	1380.371	112.6614	51.82558	113.0075	113.6997	21.12742	34.07868	44.79391	18.29773	26.49618	26.21305	9
2024.175	2024.874	1380.374	111.5737	61.06923	111.277	109.6825	24.87255	24.84037	50.28708	24.23688	26.05021	27.60445	9
2024.18	2024.878	1380.378	107.8531	82.74981	107.0126	103.6381	27.2638	16.09582	56.64039	34.94637	21.69402	28.81123	9
2024.185	2024.881	1380.381	109.3117	88.296	108.6318	109.5589	23.33439	19.54922	57.11639	27.02367	30.09272	27.70705	9
2024.19	2024.884	1380.384	108.0509	73.76589	106.926	104.4663	31.45925	12.91567	55.62508	20.71376	34.91133	29.04598	9
2024.195	2024.887	1380.387	107.5688	74.25481	106.5676	103.1807	30.82648	13.73488	55.43864	40.08345	15.35519	29.11187	9
2024.2	2024.89	1380.39	117.4945	87.80708	116.827	115.4426	15.82874	30.62532	53.54594	32.73992	20.80602	27.03114	9
2024.205	2024.893	1380.393	124.4536	138.2728	123.4029	121.6477	0.183321	39.14707	60.66961	60.66961	0	-9999	9
2024.21	2024.896	1380.396	115.319	104.629	113.7986	113.1188	20.36918	16.55741	63.07341	32.23507	30.83834	28.3774	9
2024.215	2024.899	1380.399	104.1943	23.91127	103.8606	104.3303	40.94117	13.16446	45.89437	27.70812	18.18625	29.20156	9
2024.22	2024.902	1380.402	102.402	24.73633	102.2784	102.0683	40.76191	13.14012	46.09797	19.48503	26.61294	29.29733	9
2024.225	2024.905	1380.405	109.324	48.67815	108.7802	107.7048	31.85679	18.32024	49.82297	23.14469	26.67828	28.33747	9
2024.23	2024.908	1380.408	112.9828	94.94226	111.7344	108.7554	22.75515	17.28318	59.96167	41.40125	18.56043	28.6603	9
2024.235	2024.912	1380.412	119.534	99.41894	118.6811	116.1719	12.57924	31.69035	55.73041	32.75783	22.97258	27.26596	9
2024.24	2024.915	1380.415	113.2053	63.74302	113.6256	114.2807	17.16826	36.94331	45.88843	33.13285	12.75558	26.05059	9
2024.245	2024.918	1380.418	110.1275	61.08451	109.7814	108.7554	26.58255	22.28813	51.12933	24.25819	26.87113	27.79312	9
2024.25	2024.921	1380.421	112.7356	51.04636	113.4154	113.6874	18.66127	38.57889	42.75984	25.42735	17.3325	25.88491	9

2024.255	2024.924	1380.424	105.9001	86.52366	104.8247	105.8259	29.9674	12.58014	57.45246	39.85815	17.59432	28.31559	9
2024.26	2024.927	1380.427	112.8345	101.9094	113.984	117.1484	2.621212	48.58923	48.78956	48.78956	0	-9999	9
2024.265	2024.93	1380.43	116.1966	77.79949	116.963	118.2608	8.332323	49.90723	41.76045	27.23929	14.52117	24.98949	9
2024.27	2024.933	1380.433	116.246	65.79037	116.9259	118.4215	11.86361	47.85003	40.28636	35.98193	4.30443	24.80888	9
2024.275	2024.936	1380.436	115.0718	48.72399	115.2943	115.7887	20.61844	36.9961	42.38546	30.01005	12.37541	25.79126	9
2024.28	2024.939	1380.439	108.7678	62.09291	108.879	110.1893	24.04498	25.43806	50.51696	29.52266	20.9943	27.08844	9
2024.285	2024.942	1380.442	107.2351	40.27483	107.1856	106.9137	31.98041	20.23353	47.78606	20.02583	27.76024	28.04672	9
2024.29	2024.946	1380.446	104.2067	55.49248	103.8111	103.2055	33.76613	14.79809	51.43578	18.02147	33.41432	28.63354	9
2024.295	2024.949	1380.449	112.0928	74.02563	112.2412	110.795	17.81084	31.99883	50.19033	37.43951	12.75082	27.00559	9
2024.3	2024.952	1380.452	121.9196	59.46496	122.4882	123.0321	9.03683	61.94619	29.01698	11.24548	17.7715	22.88123	9
2024.305	2024.955	1380.455	132.6487	120.5036	130.9677	127.6797	1.829496	36.57666	61.59384	61.59384	0	-9999	9
2024.31	2024.958	1380.458	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2024.315	2024.961	1380.461	144.342	63.00964	144.206	143.9835	0	100	0	0	0	-9999	9
2024.32	2024.964	1380.464	130.0901	40.07621	130.3373	130.3867	8.702789	83.84723	7.449981	0	7.449981	18.59934	5
2024.325	2024.967	1380.467	125.1705	106.8903	125.4795	126.0357	0	70.42159	29.57841	29.57841	0	-9999	5
2024.33	2024.97	1380.47	112.4142	49.76295	111.6231	111.104	30.66721	19.2122	50.12059	34.9162	15.20439	28.06566	5
2024.335	2024.973	1380.473	118.6811	56.10364	118.1496	117.6799	21.35552	32.77158	45.8729	29.61325	16.25965	26.23266	5
2024.34	2024.978	1380.478	124.9604	77.53975	122.3028	122.4017	26.86792	1.25357	71.87851	41.8608	30.01771	29.83087	5
2024.345	2024.983	1380.483	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2024.36	2024.998	1380.498	106.7654	86.8598	105.9743	104.3056	26.88672	15.84691	57.26636	29.78245	27.48392	28.49569	5
2024.365	2025.003	1380.503	108.5329	82.81092	108.3599	112.6367	21.45059	23.53245	55.01697	40.61134	14.40562	26.76293	5
2024.37	2025.008	1380.508	102.7728	116.7909	100.8693	95.73959	31.93812	6.473634	61.58825	41.9203	19.66795	29.73274	5
2024.375	2025.013	1380.513	109.9915	157.3866	112.2041	112.031	0	58.72906	41.27094	41.27094	0	-9999	5
2024.38	2025.019	1380.519	105.5911	77.95227	105.4551	106.1102	25.0455	19.9874	54.9671	30.53823	24.42887	27.72491	5
2024.385	2025.024	1380.524	101.5615	66.06539	101.3143	100.7828	32.49152	14.22651	53.28198	21.42076	31.86121	28.53857	5
2024.39	2025.029	1380.529	105.9496	81.3136	104.7506	101.0423	32.1407	11.19385	56.66545	23.62027	33.04518	29.38625	5
2024.395	2025.034	1380.534	98.14993	44.09452	97.70494	96.66664	42.47983	8.750039	48.77013	20.69319	28.07694	29.74187	5
2024.4	2025.039	1380.539	95.88792	37.96774	95.48001	93.74951	45.75618	7.064861	47.17896	22.24124	24.93772	30.30197	5
2024.405	2025.044	1380.544	95.45529	37.37187	94.91142	94.52824	47.35215	6.036496	46.61135	20.48444	26.12692	30.29492	5
2024.41	2025.049	1380.549	96.54304	54.13267	96.36999	95.66542	39.42144	9.898801	50.67976	31.4029	19.27686	29.22664	5
2024.415	2025.054	1380.554	94.82489	37.00518	94.56532	94.1945	45.81755	7.119905	47.06254	16.0032	31.05934	30.02933	5
2024.42	2025.059	1380.559	95.48001	52.23811	94.86198	93.81131	44.30655	6.662723	49.03073	17.42388	31.60685	29.89858	5
2024.425	2025.065	1380.565	95.85083	53.24651	95.2946	95.6407	43.24238	7.271441	49.48618	30.96183	18.52434	29.50312	5
2024.43	2025.07	1380.57	102.3773	84.30824	102.6122	104.9236	23.59017	19.89498	56.51485	23.4484	33.06645	27.44434	5
2024.435	2025.075	1380.575	100.4985	151.4737	98.94102	93.77423	22.95503	10.3232	66.72178	33.08886	33.63292	29.14804	5
2024.44	2025.08	1380.58	98.9163	192.1458	94.56532	90.00421	36.2178	0	63.7822	22.85727	40.92493	25.1796	5
2024.445	2025.085	1380.585	97.34648	208.051	93.19328	88.24898	32.28024	0	67.71976	40.82009	26.89967	28.26671	5
2024.45	2025.09	1380.59	93.24272	140.4119	90.26378	87.40846	43.32378	0.944524	55.7317	27.92551	27.80619	29.33489	5
2024.455	2025.095	1380.595	95.59126	133.3836	93.34161	89.05243	37.21201	3.900724	58.88727	20.84478	38.04248	29.31856	5
2024.46	2025.1	1380.6	102.0188	181.4812	102.2908	103.0819	0.116712	26.34274	73.54055	73.54055	0	-9999	5
2024.465	2025.106	1380.606	103.5145	249.212	102.4638	96.95094	0	22.0946	77.9054	77.9054	0	-9999	1
2024.47	2025.111	1380.611	86.1353	67.2113	84.77562	83.56427	55.02791	1.112296	43.85979	19.35922	24.50057	30.8793	1
2024.475	2025.116	1380.616	86.49376	40.04565	85.80156	84.68909	56.09925	1.560137	42.34061	23.17156	19.16906	31.45911	1
2024.48	2025.121	1380.621	90.37503	84.90411	90.60988	90.65933	34.48806	9.915553	55.59639	35.57193	20.02446	28.35918	1
2024.485	2025.126	1380.626	88.97827	44.98069	89.43562	89.78172	43.71023	7.287574	49.0022	21.68074	27.32146	29.41563	1
2024.49	2025.131	1380.631	86.8893	45.4085	87.08708	88.47148	47.54025	5.168189	47.29156	28.59724	18.69432	29.61937	1
2024.495	2025.136	1380.636	88.96591	40.30539	88.81758	88.61981	49.54701	4.569481	45.88351	24.22382	21.65969	30.3247	1
2024.5	2025.141	1380.641	89.13896	54.17851	88.69397	86.97583	48.3296	4.434705	47.23569	30.02146	17.21423	30.28551	1
2024.505	2025.146	1380.646	89.71991	50.48105	89.80644	90.86946	44.5707	6.59013	48.83917	28.95529	19.88388	29.34642	1
2024.51	2025.152	1380.652	88.71869	39.37338	88.34787	88.11302	51.72431	3.534449	44.74124	15.34035	29.40088	30.66945	1
2024.515	2025.157	1380.657	85.70267	42.44442	85.60379	84.83742	51.64836	3.39493	44.95671	17.65878	27.29793	30.58159	1
2024.52	2025.162	1380.662	83.04512	45.20987	83.15636	83.19345	51.79554	3.133636	45.07082	22.03034	23.04048	30.29765	1
2024.525	2025.167	1380.667	82.62485	37.95246	82.48888	81.83377	55.85439	1.769716	42.37589	27.76345	14.61244	31.15723	1
2024.53	2025.172	1380.672	85.13408	33.64385	85.25769	84.97339	52.57688	3.283015	44.14011	31.39673	12.74337	30.73489	1
2024.535	2025.177	1380.677	83.92273	56.9898	83.35414	81.96973	53.40616	2.241886	44.35196	23.52161	20.83035	30.65739	1
2024.54	2025.182	1380.682	74.86231	61.54288	73.56444	71.77213	66.29184	0	33.70816	15.63233	18.07583	30.86144	5
2024.545	2025.187	1380.687	82.84735	105.1026	81.21573	80.67186	50.99063	2.247189	46.76218	16.83527	29.92691	29.28312	5
2024.55	2025.193	1380.693	76.16019	73.38392	75.66576	71.38895	56.00554	1.440731	42.55373	29.97893	12.57479	30.81945	5
2024.555	2025.198	1380.698	79.94257	94.65197	80.22687	79.86841	41.34376	5.746378	52.90987	25.36102	27.54884	28.31507	5
2024.56	2025.203	1380.703	77.24793	74.59094	77.53223	78.12555	48.67759	3.464863	47.85755	28.15947	19.69808	29.01076	5
2024.565	2025.208	1380.708	82.87207	105.8666	83.39122	85.59143	34.11457	8.357192	57.52824	36.608	20.92024	27.4618	5
2024.57	2025.213	1380.713	83.97217	149.793	81.3517	77.29738	46.80437	2.728139	50.46749	35.163	15.3045	28.76528	5
2024.575	2025.218	1380.718	76.07366	60.09139	74.87467	74.55329	64.76229	0	35.23771	15.2861	19.95161	30.74736	5
2024.58	2025.223	1380.723	75.33202	101.6344	74.07123	70.16523	55.87018	1.710051	42.41977	26.3353	16.08446	30.07433	5
2024.585	2025.228	1380.728	71.3395	69.41144	70.25176	69.29998	66.00011	0	33.99989	16.20355	17.79635	30.78006	5
2024.59	2025.233	1380.733	72.85987	50.12964	72.46433	72.90932	63.903	0	36.097	23.48654	12.61045	30.7393	5
2024.595	2025.239	1380.739	76.01186	73.42976	75.20841	74.94884	58.5258	0.796502	40.67769	27.6027	13.07499	30.4706	5
2024.6	2025.244	1380.744	74.08359	79.99963	73.55208	73.46555	56.6024	1.377363	42.02023	20.44787	21.57236	29.86241	5
2024.605	2025.249	1380.749	77.6682	79.25097	77.44571	77.42098	51.09084	2.783906	46.12525	24.17668	21.94857	29.33054	5
2024.61	2025.254	1380.754	78.91663	109.671	77.84125	76.12311	49.19054	3.227098	47.58236	22.60727	24.9751	28.90244	11
2024.615	2025.259	1380.759	78.81775	108.4334	77.98958	76.44449	47.6651	3.681536	48.65337	15.8961	32.75727	28.7271	11
2024.62	2025.264	1380.764	78.85483	139.5715	78.06374	76.37032	39.80817	5.875732	54.3161	25.4114	28.9047	27.57372	11
2024.625	2025.269	1380.769	78.83011	146.6762	78.02666	77.14905	38.20739	6.321717	55.4709	36.8207	18.6502	27.21751	11

2024.63	2025.274	1380.774	81.31461	180.5798	81.05504	79.16385	23.50196	10.61243	65.88561	30.15725	35.72835	27.08752	11
2024.635	2025.28	1380.78	83.05748	153.7655	82.7361	82.82262	28.86655	9.209466	61.92398	34.22498	27.699	27.07312	11
2024.64	2025.285	1380.785	83.05748	118.2271	83.18108	84.49132	34.0182	8.103602	57.87819	31.88596	25.99224	27.43473	11
2024.645	2025.29	1380.79	86.24655	123.1621	86.03641	86.14766	32.47646	8.700455	58.82308	23.81626	35.00682	27.69225	11
2024.65	2025.295	1380.795	87.81636	167.7303	87.84108	86.37015	18.42662	13.25961	68.31376	48.41016	19.9036	27.82096	11
2024.655	2025.3	1380.8	91.30209	172.7876	91.2032	89.5345	14.95385	14.94904	70.09711	50.71977	19.37734	28.18227	11
2024.66	2025.305	1380.805	96.76553	124.0483	97.11163	96.3329	18.27374	17.79904	63.92722	36.38603	27.54119	28.161	5
2024.665	2025.31	1380.81	91.9572	136.1033	92.5258	93.63826	18.05578	15.92613	66.01809	43.26945	22.74864	27.75812	5
2024.67	2025.315	1380.815	97.16107	168.0512	97.82855	95.88792	4.770465	23.06564	72.1639	60.239	11.9249	-9999	5
2024.675	2025.32	1380.82	94.5406	153.5211	94.99794	94.63948	12.32611	18.54233	69.13155	61.41457	7.716985	28.31658	5
2024.68	2025.326	1380.826	89.8806	146.4775	89.62103	91.42569	23.87399	11.74472	64.38129	36.87255	27.50874	27.276	5
2024.685	2025.331	1380.831	86.16002	223.5284	87.14888	82.16751	0	19.60852	80.39148	80.39148	0	-9999	5
2024.69	2025.336	1380.836	82.87207	176.1795	82.32819	77.08724	25.33728	10.02947	64.63326	32.68197	31.95129	27.77711	5
2024.695	2025.341	1380.841	78.05138	88.25016	77.3221	75.62868	52.48813	2.371396	45.14047	18.59526	26.54521	29.66035	5
2024.7	2025.346	1380.846	77.33446	84.18601	77.12433	75.023	50.10781	3.053908	46.83828	21.12935	25.70893	29.47908	5
2024.705	2025.351	1380.851	71.01813	74.04091	69.79441	68.21224	66.2292	0	33.7708	23.404	10.36681	30.90276	5
2024.71	2025.356	1380.856	75.52979	72.63526	75.12189	73.99706	56.09611	1.420501	42.48338	20.00349	22.4799	30.22618	5
2024.715	2025.361	1380.861	74.269	83.8346	73.14417	72.57558	60.10195	0.60209	39.29595	23.37647	15.91948	30.45061	5
2024.72	2025.366	1380.866	70.65966	72.55887	69.93038	70.88216	63.08581	0	36.91419	17.82592	19.08827	30.64355	5
2024.725	2025.372	1380.872	68.48418	103.4678	66.39521	62.86004	68.14481	0	31.85519	11.04454	20.81065	31.57368	5
2024.73	2025.377	1380.877	74.13303	105.179	72.37781	68.42237	59.94727	0.926538	39.12619	21.45064	17.67556	30.56373	5
2024.735	2025.382	1380.882	71.03049	69.71702	70.3012	69.29998	63.43238	0	36.56762	12.74831	23.81931	30.97537	5
2024.74	2025.387	1380.887	69.10221	84.62909	67.4706	63.87362	68.59075	0	31.40925	10.10199	21.30726	31.31432	5
2024.745	2025.392	1380.892	73.53971	101.4052	71.26534	68.08863	65.42981	0	34.57019	14.44589	20.1243	31.17493	5
2024.75	2025.397	1380.897	76.59282	81.34416	76.27144	75.88825	52.34001	2.434532	45.22546	28.99753	16.22793	29.44705	5
2024.755	2025.402	1380.902	76.01186	75.30905	74.97356	72.57558	59.89113	0.462893	39.64597	22.24606	17.39991	31.06028	5
2024.76	2025.407	1380.907	76.13547	106.9055	73.68804	70.02927	63.05177	0	36.94823	14.11515	22.83308	31.14243	5
2024.765	2025.413	1380.913	76.22199	119.2661	73.79929	70.9934	59.78933	0.831031	39.37964	9.780123	29.59952	30.19132	5
2024.77	2025.418	1380.918	75.3073	95.33951	73.81165	71.6856	59.2364	0.847156	39.91645	15.18404	24.73241	30.41407	5
2024.775	2025.423	1380.923	77.9525	113.6435	76.7535	74.65218	50.07416	3.051087	46.87475	18.90156	27.97319	28.92274	5
2024.78	2025.428	1380.928	75.7152	81.75669	74.17011	70.89452	62.53135	0	37.46865	16.07053	21.39812	31.39559	5
2024.785	2025.433	1380.933	75.19605	83.19289	73.91054	70.9934	60.6497	0.400224	38.95007	14.42742	24.52266	31.06313	5
2024.79	2025.438	1380.938	75.96242	134.5601	74.0465	70.11579	52.39936	2.784527	44.81611	31.92582	12.8903	28.94313	5
2024.795	2025.443	1380.943	81.54947	132.6961	80.68422	77.69292	39.56773	5.861449	54.57082	31.81932	22.7515	28.10434	5
2024.8	2025.448	1380.948	78.31096	125.4998	77.76708	77.90305	41.79798	5.35706	52.84496	36.66316	16.1818	27.58002	5
2024.805	2025.453	1380.953	75.13425	150.8778	72.57558	68.76847	54.19376	2.687629	43.11861	32.2729	10.84571	28.71975	5
2024.81	2025.459	1380.959	76.53101	164.1245	74.55329	71.57436	45.20064	4.711057	50.0883	24.87859	25.20971	27.46104	5
2024.815	2025.464	1380.964	76.95128	172.1459	74.93648	68.84264	43.16022	5.214958	51.62482	27.52752	24.09731	27.76026	5
2024.82	2025.469	1380.969	81.16629	164.369	80.06618	73.44083	34.07554	7.31231	58.61215	35.48945	23.12271	28.00331	5
2024.825	2025.474	1380.974	85.52962	177.4934	83.89801	77.0378	31.00436	7.586062	61.40958	39.68245	21.72713	28.12914	5
2024.83	2025.479	1380.979	83.37886	123.3761	79.96729	75.023	59.87405	0	40.12595	10.35436	29.77159	29.7305	5
2024.835	2025.484	1380.984	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2025.14	2025.796	1381.296	115.5786	66.63071	114.9852	112.5131	22.14128	27.2757	50.58302	20.07643	30.50659	27.40002	9
2025.145	2025.801	1381.301	107.3587	126.8596	105.8259	101.4626	22.40866	12.20082	65.39052	32.28778	33.10274	29.28017	9
2025.15	2025.807	1381.307	107.1856	81.32888	106.9631	106.889	23.43196	21.26465	55.30339	37.77904	17.52436	27.74227	9
2025.155	2025.812	1381.312	113.2053	125.8054	113.0199	112.2412	6.843157	33.10019	60.05665	53.29514	6.761508	-9999	9
2025.16	2025.817	1381.317	103.7864	97.03545	101.4379	98.50839	39.23509	2.18895	58.57596	31.39237	27.1836	30.21688	9
2025.165	2025.822	1381.322	102.3402	69.76285	100.758	99.89279	41.22623	5.413902	53.35986	30.09058	23.26928	29.82002	9
2025.17	2025.827	1381.327	104.9483	62.58183	104.8247	104.046	29.26069	18.3383	52.40101	25.7361	26.66491	28.18939	9
2025.175	2025.832	1381.332	107.2598	162.8258	105.9125	102.8965	12.35887	16.26079	71.38034	49.80155	21.57878	29.2005	9
2025.18	2025.837	1381.337	107.0497	185.5454	103.5021	97.32176	24.1057	0	75.8943	48.74623	27.14807	28.82698	9
2025.185	2025.842	1381.342	104.0707	135.3546	102.538	100.1771	23.37779	11.01	65.61222	40.91324	24.69898	28.82501	9
2025.19	2025.847	1381.347	102.6987	74.88124	101.0176	98.94102	40.42417	5.206275	54.36956	21.00621	33.36335	29.97732	9
2025.195	2025.853	1381.353	106.6047	103.9109	105.245	101.4132	27.31479	11.74692	60.93829	27.08841	33.84988	29.20315	9
2025.2	2025.858	1381.358	99.70738	68.0058	99.28712	99.53433	35.06886	11.64192	53.28922	27.63565	25.65357	28.63911	9
2025.205	2025.863	1381.363	95.8632	28.7088	95.46765	94.87434	47.92379	6.491547	45.58466	26.02772	19.55694	30.4644	9
2025.21	2025.868	1381.368	93.72479	49.53377	93.5641	96.01152	43.03137	7.777126	49.19151	32.05728	17.13423	29.02231	9
2025.215	2025.873	1381.373	95.78903	28.67825	95.2946	95.07211	48.76578	5.909295	45.32492	14.96491	30.36001	30.53958	9
2025.22	2025.878	1381.378	96.54304	87.01258	95.0103	94.55296	42.00203	4.649955	53.34802	33.49873	19.84929	29.41296	9
2025.225	2025.883	1381.383	98.76797	45.74463	98.76797	98.26118	38.06327	12.11244	49.82429	20.58799	29.23629	29.04765	9
2025.23	2025.888	1381.388	100.1895	110.3585	98.78033	97.40829	32.03964	8.370896	59.58946	24.33917	35.25029	28.79321	9
2025.235	2025.893	1381.393	103.6999	63.7583	103.1684	101.5862	33.2858	13.79039	52.92381	30.33189	22.59192	28.82941	9
2025.24	2025.899	1381.399	110.2016	94.1936	110.078	110.4489	16.77759	27.11496	56.10745	44.67491	11.43254	27.29365	9
2025.245	2025.904	1381.404	103.1189	50.49633	102.3279	101.0423	39.04138	10.39508	50.56354	23.30666	27.25688	29.4488	9
2025.25	2025.909	1381.409	103.428	47.73087	102.983	101.8952	36.74405	13.15514	50.10081	22.64167	27.45914	29.03988	9
2025.255	2025.914	1381.414	101.6604	105.5916	100.1029	97.90272	32.98955	7.710586	59.29987	27.06974	32.23013	29.12777	9
2025.26	2025.919	1381.419	106.4811	116.4548	105.7889	101.3019	19.21993	18.48828	62.2918	30.4998	31.792	28.8734	9
2025.265	2025.924	1381.424	101.203	59.69415	101.2896	100.1524	31.77666	15.88563	52.33771	24.58621	27.7515	28.52298	9
2025.27	2025.929	1381.429	97.95216	57.58568	96.92622	96.36999	43.89932	6.081632	50.01905	35.71857	14.30047	29.85068	9
2025.275	2025.934	1381.434	99.90515	80.51911	98.3477	95.96208	40.67189	5.297035	54.03108	18.32606	35.70502	29.86174	9
2025.28	2025.94	1381.44	102.6122	99.35783	100.7333	94.91142	36.11317	5.418753	58.46808	21.40234	37.06574	30.19979	9
2025.285	2025.945	1381.445	105.5169	87.94459	104.4168	105.1955	30.16765	12.18618	57.64616	39.40255	18.24362	28.37176	9
2025.29	2025.95	1381.45	105.4798	77.60086	104.8	103.428	29.4479	15.06309	55.48901	23.50057	31.98845	28.5397	9

2025.295	2025.955	1381.455	101.1041	96.07289	100.6344	99.08935	27.37478	14.27709	58.34812	33.79557	24.55256	28.46337	9
2025.3	2025.96	1381.46	99.91752	73.99507	99.79391	99.74446	31.12704	14.19057	54.6824	33.70577	20.97663	28.33892	8
2025.305	2025.965	1381.465	95.05975	70.28233	94.52824	91.98193	39.65592	8.096506	52.24757	34.14042	18.10716	29.49398	8
2025.31	2025.97	1381.47	96.17221	73.52143	95.38113	91.52458	39.8603	7.551725	52.58798	28.22291	24.36506	29.79727	8
2025.315	2025.975	1381.475	98.55783	62.78046	99.0399	98.65672	30.39789	16.17702	53.42509	31.10968	22.31541	28.306	8
2025.32	2025.98	1381.48	95.9868	61.78734	94.91142	92.67413	45.07383	5.149618	49.77655	23.98465	25.7919	30.21373	8
2025.325	2025.986	1381.486	89.91768	36.04261	89.11424	88.37259	54.78014	2.129346	43.09052	17.12681	25.96371	31.38528	8
2025.33	2025.991	1381.491	86.87694	38.51777	86.60501	87.64331	52.85942	3.039703	44.10088	28.77037	15.33052	30.53647	8
2025.335	2025.996	1381.496	88.34787	56.11891	87.03763	88.06357	55.29352	1.074751	43.63173	12.79346	30.83827	30.81832	8
2025.34	2026.001	1381.501	87.32193	40.25955	87.70511	88.91646	46.95135	5.721434	47.32722	14.79999	32.52723	29.64522	8
2025.345	2026.006	1381.506	87.28485	27.76152	87.04999	86.80278	54.79977	2.619635	42.5806	20.96297	21.61763	31.26025	8
2025.35	2026.011	1381.511	88.26135	34.82031	88.45912	89.16368	48.84032	5.170908	45.98878	16.36997	29.61881	30.08332	8
2025.355	2026.016	1381.516	88.59509	96.82155	87.13652	83.21817	46.36559	3.354849	50.27956	25.04687	25.23268	29.89319	8
2025.36	2026.021	1381.521	87.42082	78.30369	86.64209	84.71382	46.65848	4.164976	49.17654	23.40985	25.76669	29.71797	8
2025.365	2026.027	1381.527	86.90167	67.95996	86.55556	85.097	46.28644	4.779059	48.9345	27.06727	21.86723	29.69394	8
2025.37	2026.032	1381.532	85.56671	49.24347	84.47896	82.84735	57.79173	0.617993	41.59028	16.14722	25.44306	31.67063	8
2025.375	2026.037	1381.537	83.40358	41.52769	83.25525	84.28119	54.36855	2.260767	43.37068	12.28168	31.089	30.57418	8
2025.38	2026.042	1381.542	82.25403	65.88205	81.56183	80.7213	53.74739	1.994229	44.25838	15.90843	28.34995	30.3561	8
2025.385	2026.047	1381.547	80.23923	50.72551	79.683	79.18857	58.21514	0.773813	41.01105	17.2272	23.78385	31.17346	8
2025.39	2026.052	1381.552	83.53955	62.94852	82.30347	81.56183	57.48964	0.614141	41.89622	28.88197	13.01425	31.0929	8
2025.395	2026.057	1381.557	84.24411	39.7248	83.55191	83.21817	58.24658	0.808977	40.94445	18.98722	21.95723	31.57771	9
2025.4	2026.062	1381.562	84.26883	31.71872	83.7744	81.99445	58.62857	0.871766	40.49966	22.18732	18.31234	32.04332	9
2025.405	2026.067	1381.567	85.05992	45.86686	84.4048	82.69902	55.72227	1.594398	42.68334	22.92766	19.75567	31.32668	9
2025.41	2026.073	1381.573	84.1205	64.58335	82.81026	80.3752	57.13431	0.638851	42.22684	19.90126	22.32558	31.35705	9
2025.415	2026.078	1381.578	84.99811	53.07844	84.62729	84.44188	51.83062	2.952708	45.21667	19.10714	26.10953	30.30731	9
2025.42	2026.083	1381.583	89.93004	52.55896	90.27614	88.34787	41.86281	7.928896	50.20829	18.48942	31.71887	29.57599	9
2025.425	2026.088	1381.588	89.05243	70.12954	89.36145	89.5345	38.70552	8.434826	52.85965	29.69014	23.16952	28.7117	9
2025.43	2026.093	1381.593	86.43196	54.07156	86.34543	85.46782	48.06785	4.539069	47.39308	18.5278	28.86528	29.96694	9
2025.435	2026.098	1381.598	84.38008	53.36874	84.73854	84.86214	46.67702	5.022557	48.30042	31.09568	17.20474	29.54419	9
2025.44	2026.103	1381.603	80.52353	54.14795	81.03032	81.1292	48.88693	3.81301	47.30006	27.13237	20.1677	29.6454	9
2025.445	2026.108	1381.608	80.82019	21.22221	80.54825	80.3752	62.61716	0	37.38284	9.11464	28.2682	32.07146	9
2025.45	2026.113	1381.613	80.57297	32.81879	79.76952	78.78066	64.15744	0	35.84256	21.46637	14.37619	31.45529	9
2025.455	2026.119	1381.619	82.58777	40.90126	81.78432	80.32576	60.34786	0.095713	39.55642	21.06937	18.48705	32.06967	9
2025.46	2026.124	1381.624	80.73366	43.98757	80.12798	78.48401	59.77403	0.32805	39.89792	24.15414	15.74378	31.82352	9
2025.465	2026.129	1381.629	80.22687	41.34435	79.44814	78.7065	62.22107	0	37.77893	10.59026	27.18867	31.58813	9
2025.47	2026.134	1381.634	78.00194	24.44603	77.76708	77.76708	64.1424	0	35.8576	11.53315	24.32446	31.42407	9
2025.475	2026.139	1381.639	80.36284	35.88983	80.33812	80.30103	57.57244	1.142435	41.28512	25.20705	16.07807	31.25216	9
2025.48	2026.144	1381.644	82.57541	37.73856	82.61249	81.03032	54.61051	2.229537	43.15996	16.69591	26.46405	31.1157	9
2025.485	2026.149	1381.649	83.05748	25.10302	82.77318	82.22931	59.71549	0.6314	39.65311	28.94288	10.71023	32.06544	9
2025.49	2026.154	1381.654	83.66315	18.19701	83.60135	83.86093	59.1052	1.042425	39.85237	13.16411	26.68827	31.93739	9
2025.495	2026.16	1381.66	82.46416	14.88152	82.30347	81.68544	61.77699	0.085189	38.13782	22.52966	15.60816	32.63447	9
2025.5	2026.165	1381.665	81.99445	21.8028	81.53711	80.51117	62.83326	0	37.16674	13.05741	24.10933	32.2075	9
2025.505	2026.17	1381.67	85.19588	36.4093	84.51604	82.7979	58.0775	0.922646	40.99986	19.61151	21.38835	31.907	9
2025.51	2026.175	1381.675	86.74098	35.12589	86.38251	85.12172	54.47591	2.454571	43.06952	29.59945	13.47007	31.26861	9
2025.515	2026.18	1381.68	87.2354	27.62401	86.96347	86.95111	55.16592	2.457004	42.37707	18.18271	24.19436	31.28032	9
2025.52	2026.185	1381.685	81.98209	29.04494	81.64835	81.61127	60.13408	0.399618	39.4663	25.72892	13.73738	31.93074	9
2025.525	2026.19	1381.69	75.23313	21.17637	75.09717	74.51621	66.71459	0	33.28541	13.5779	19.70751	30.97619	9
2025.53	2026.195	1381.695	81.88321	143.5746	79.04024	73.5768	51.9554	1.712767	46.33183	29.53813	16.7937	29.52463	9
2025.535	2026.2	1381.7	83.06984	86.12641	82.11806	79.94257	50.10942	2.863779	47.0268	26.89134	20.13546	29.80066	9
2025.54	2026.206	1381.706	87.77928	84.69021	87.72983	88.75577	39.13122	7.361939	53.50684	20.91326	32.59359	28.38188	9
2025.545	2026.211	1381.711	81.17865	111.4433	78.91663	76.07366	55.87697	0.902464	43.22057	19.03781	24.18276	30.15045	9
2025.55	2026.216	1381.716	77.11197	57.46345	76.07366	75.62868	63.19767	0	36.80233	19.8771	16.92523	31.00653	9
2025.555	2026.221	1381.721	77.89069	63.48328	76.6299	73.3543	62.74877	0	37.25123	25.76802	11.48321	31.47502	9
2025.56	2026.226	1381.726	77.85361	56.76062	76.48157	74.15775	65.27193	0	34.72807	15.27346	19.45462	30.99738	9
2025.565	2026.231	1381.731	83.09456	48.52537	82.67429	82.84735	55.06692	1.834463	43.09862	23.21944	19.87918	30.71497	9
2025.57	2026.236	1381.736	86.30835	89.31968	84.99811	82.34056	49.1353	2.803261	48.06144	20.05194	28.0095	29.93751	9
2025.575	2026.241	1381.741	86.23419	105.1485	84.39244	81.07976	49.49217	2.172649	48.33518	19.75549	28.57969	29.86677	9
2025.58	2026.247	1381.747	87.14888	99.9537	85.75212	82.7979	46.45915	3.436256	50.1046	22.8847	27.2199	29.57383	9
2025.585	2026.252	1381.752	83.11928	62.71934	81.88321	80.32576	57.93175	0.507903	41.56035	29.40866	12.15169	31.29517	9
2025.59	2026.257	1381.757	84.08342	55.58416	83.4901	81.57419	53.79008	2.124782	44.08514	22.23999	21.84515	30.83739	9
2025.595	2026.262	1381.762	86.11058	62.13875	86.11058	87.64331	45.74069	5.235591	49.02372	30.42665	18.59707	29.11913	9
2025.6	2026.267	1381.767	89.95477	73.23113	90.84474	90.84474	32.62239	11.65211	55.7255	34.03292	21.69259	28.36568	9
2025.605	2026.272	1381.772	86.98819	78.73149	87.56914	86.79042	36.41545	8.856256	54.7283	37.42172	17.30658	28.58986	9
2025.61	2026.277	1381.777	82.4518	62.62767	81.4753	78.40984	56.5563	1.057202	42.38649	12.46816	29.91833	31.28634	9
2025.615	2026.282	1381.782	79.1144	68.70862	77.64348	76.51865	61.98695	0	38.01305	13.61061	24.40244	31.03347	9
2025.62	2026.287	1381.787	76.81531	45.65296	76.27144	75.86353	62.49691	0	37.50309	23.03491	14.46818	31.31156	9
2025.625	2026.293	1381.793	77.56931	55.64527	76.81531	75.38146	61.01361	0.012567	38.97382	10.46058	28.51324	31.59298	9
2025.63	2026.298	1381.798	76.30852	67.91412	74.97356	73.03292	63.70688	0	36.29312	12.59005	23.70307	31.08403	9
2025.635	2026.303	1381.803	76.72878	75.79797	76.60518	77.80417	52.02437	2.510079	45.46555	17.47785	27.9877	29.22754	9
2025.64	2026.308	1381.808	75.90061	94.54502	75.13425	73.03292	53.23087	2.273276	44.49585	15.50189	28.99396	29.55395	9
2025.645	2026.313	1381.813	78.21207	83.60542	77.70528	76.35796	51.74001	2.587871	45.67212	17.092	28.58012	29.59276	9
2025.65	2026.318	1381.818	74.50385	80.16769	73.9229	73.83637	56.55827	1.381618	42.06011	30.2413	11.81881	29.8698	9
2025.655	2026.323	1381.823	73.0082	91.16841	70.56078	68.84264	69.73724	0	30.26276	19.30219	10.96057	30.67477	9

2025.66	2026.328	1381.828	75.48035	137.7686	74.30608	71.16645	46.31865	4.333091	49.34826	23.56828	25.77997	28.05392	9
2025.665	2026.334	1381.834	81.8214	176.9434	82.56305	84.00925	16.15626	13.31378	70.52996	54.38071	16.14925	27.13453	9
2025.67	2026.339	1381.839	83.52719	147.3026	82.46416	81.10448	35.74619	6.793765	57.46005	33.35009	24.10996	27.51876	9
2025.675	2026.344	1381.844	85.61615	152.421	84.42952	82.50124	33.54365	7.285563	59.17079	31.31263	27.85816	27.62914	9
2025.68	2026.349	1381.849	75.85117	109.8085	75.06008	68.87972	49.77419	3.245528	46.98028	28.55964	18.42064	29.56663	9
2025.685	2026.354	1381.854	70.15287	81.23721	68.78083	65.1097	66.43327	0	33.56673	13.19736	20.36937	31.32701	9
2025.69	2026.359	1381.859	68.96624	64.91948	68.03919	67.21102	68.02522	0	31.97478	13.24612	18.72867	30.60035	9
2025.695	2026.364	1381.864	68.32349	68.09747	67.43351	66.04911	67.56009	0	32.43991	23.02187	9.41804	30.7334	9
2025.7	2026.369	1381.869	70.90688	79.02179	70.70911	71.42603	57.17513	1.248459	41.57641	14.02653	27.54988	29.61038	9
2025.705	2026.374	1381.874	74.93648	77.38696	75.51743	78.22443	47.8284	3.541581	48.63002	29.13311	19.49691	28.3554	9
2025.71	2026.38	1381.88	72.39017	78.38008	71.98226	70.79563	57.59432	1.151956	41.25372	18.33704	22.91667	30.13471	9
2025.715	2026.385	1381.885	71.59908	74.07147	70.90688	69.97982	61.56811	0.255969	38.17592	10.85456	27.32136	30.80126	9
2025.72	2026.39	1381.89	69.43595	79.92323	69.49776	71.03049	56.29852	1.414025	42.28745	12.16298	30.12447	29.2192	9
2025.725	2026.395	1381.895	67.61892	110.5419	65.64121	62.76116	66.36676	0.507188	33.12605	16.30823	16.81783	30.90954	9
2025.73	2026.4	1381.9	64.8872	66.14179	64.02195	63.5646	71.00316	0	28.99684	7.124017	21.87282	30.44957	9
2025.735	2026.405	1381.905	65.44344	41.80271	64.71415	63.30503	75.32773	0	24.67227	8.856357	15.81592	30.39183	9
2025.74	2026.41	1381.91	66.03675	40.97766	65.59176	64.28153	72.77824	0	27.22176	13.13026	14.0915	30.27658	9
2025.745	2026.415	1381.915	68.26168	63.36105	67.82906	65.28275	65.21873	0	34.78127	17.57941	17.20187	30.97084	9
2025.75	2026.42	1381.92	68.48418	76.31745	67.28518	65.03553	67.81792	0	32.18208	19.56637	12.61571	30.98396	9
2025.755	2026.426	1381.926	67.8167	88.05154	66.71659	62.8724	64.82598	0.107007	35.06701	11.75153	23.31548	31.35117	9
2025.76	2026.431	1381.931	65.78954	66.58487	64.99845	63.5028	69.49101	0	30.50899	14.95415	15.55484	30.64499	9
2025.765	2026.436	1381.936	65.1097	72.71166	63.93543	63.76238	71.60345	0	28.39655	8.480425	19.91613	30.5514	9
2025.77	2026.441	1381.941	63.87362	67.11963	62.8724	64.81304	72.75277	0	27.24723	17.13714	10.11009	30.07261	9
2025.775	2026.446	1381.946	65.93786	101.4816	63.55224	60.89469	73.26719	0	26.73281	16.28462	10.44819	31.63983	9
2025.78	2026.451	1381.951	70.69675	109.7016	69.5472	67.37171	57.32021	1.829923	40.84986	13.10223	27.74763	29.43374	9
2025.785	2026.456	1381.956	75.55451	82.97899	75.62868	75.69048	49.83416	3.083589	47.08225	16.79206	30.2902	28.96416	9
2025.79	2026.461	1381.961	76.22199	69.82397	76.11075	76.44449	53.84053	1.997371	44.1621	17.31168	26.85042	29.71995	9
2025.795	2026.467	1381.967	73.67568	68.6475	73.46555	74.65218	57.2342	1.107072	41.65873	20.10265	21.55607	29.93665	9
2025.8	2026.472	1381.972	73.39139	59.63303	73.46555	73.2925	57.47396	0.94571	41.58033	27.55177	14.02856	30.406	9
2025.805	2026.477	1381.977	75.04772	64.79725	75.46799	75.78937	52.01811	2.404677	45.57722	19.28404	26.29317	29.52428	9
2025.81	2026.482	1381.982	75.12189	79.96907	75.3073	75.49271	50.09841	2.982971	46.91862	32.20766	14.71096	29.00973	9
2025.815	2026.487	1381.987	75.82645	94.05609	76.02422	76.76587	45.94536	4.159487	49.89515	15.85018	34.04497	28.24715	9
2025.82	2026.492	1381.992	77.50751	93.90331	77.18613	78.10082	48.45918	3.513628	48.02719	23.02064	25.00655	28.54767	9
2025.825	2026.497	1381.997	80.62241	76.53135	80.84491	82.82262	45.58247	4.61581	49.80172	23.97995	25.82176	28.55802	9
2025.83	2026.502	1382.002	83.78676	77.69253	83.57663	84.08342	45.74311	4.660654	49.59623	17.74852	31.84771	28.97523	9
2025.835	2026.507	1382.007	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2026.155	2026.835	1382.335	102.4885	125.8665	102.5009	100.7828	15.15505	21.09688	63.74807	43.1085	20.63958	28.34691	9
2026.16	2026.84	1382.34	102.5133	196.2405	101.339	97.55662	7.298182	16.96781	75.73401	69.77007	5.963939	-9999	9
2026.165	2026.845	1382.345	109.2746	352.9854	108.261	106.6541	0	33.91073	66.08927	66.08927	0	-9999	9
2026.17	2026.85	1382.35	107.6924	143.1926	108.6689	108.57	0	38.2796	61.7204	61.7204	0	-9999	9
2026.175	2026.855	1382.355	108.7802	184.5064	107.8531	107.2969	2.456379	22.96781	74.57581	73.45435	1.121463	-9999	9
2026.18	2026.861	1382.361	104.3056	235.9042	101.5368	94.77545	8.40829	8.534008	83.0577	64.35471	18.70299	30.53887	9
2026.185	2026.866	1382.366	95.14627	98.74668	93.61354	90.58516	40.4474	4.984889	54.56772	22.10441	32.46331	29.53407	8
2026.19	2026.871	1382.371	93.13147	126.0193	90.42447	87.38373	44.80163	1.115897	54.08247	32.31861	21.76387	29.64702	8
2026.195	2026.876	1382.376	88.71869	49.64072	87.69275	86.12294	54.31679	1.775672	43.90754	18.54814	25.3594	31.21999	8
2026.2	2026.881	1382.381	93.29216	94.49918	92.03137	88.73105	41.07357	5.373949	53.55248	31.16772	22.38477	29.54181	8
2026.205	2026.886	1382.386	90.90654	137.7381	89.23784	84.61493	35.96578	5.867005	58.16722	21.74821	36.41901	28.80518	8
2026.21	2026.891	1382.391	83.66315	66.79877	82.74846	81.40114	53.95348	1.817748	44.22878	27.12093	17.10785	30.54761	8
2026.215	2026.896	1382.396	87.5197	131.0765	86.14766	82.68666	38.39467	5.709001	55.89633	24.61956	31.27677	28.5507	8
2026.22	2026.901	1382.401	91.45041	162.6578	88.54564	84.8127	39.01442	2.776244	58.20933	33.79955	24.40978	28.6295	8
2026.225	2026.907	1382.407	87.93997	124.965	85.65323	83.95981	46.57589	2.288035	51.13608	19.34489	31.79119	29.07072	8
2026.23	2026.912	1382.412	89.63339	81.95531	88.54564	87.33429	46.13412	4.019755	49.84613	33.82809	16.01804	29.60682	8
2026.235	2026.917	1382.417	89.90532	84.90411	89.52214	87.38373	39.70997	7.1005	53.18953	37.43188	15.75765	29.09116	8
2026.24	2026.922	1382.422	89.00299	104.736	87.804	85.7274	42.06333	4.943147	52.99352	32.57368	20.41984	29.01895	8
2026.245	2026.927	1382.427	92.57524	90.817	92.46399	92.99551	33.71523	10.10003	56.18474	22.89995	33.2848	28.22479	8
2026.25	2026.932	1382.432	85.30713	64.33889	84.36772	83.74968	53.2279	2.029401	44.7427	24.74936	19.99334	30.44361	8
2026.255	2026.937	1382.437	84.51604	73.23113	84.39244	83.26761	45.48126	4.904443	49.61429	19.96421	29.65008	29.34863	8
2026.26	2026.942	1382.442	83.56427	69.80869	83.53955	82.89679	46.41876	4.598492	48.98275	26.84506	22.13768	29.36741	8
2026.265	2026.947	1382.447	84.44188	54.28546	83.79912	82.67429	54.15776	2.002358	43.83988	19.6244	24.21548	30.78496	8
2026.27	2026.953	1382.453	82.53833	59.0066	81.42586	80.52353	58.40675	0.46655	41.1267	17.89864	23.22806	31.27683	8
2026.275	2026.958	1382.458	81.20337	56.33282	80.35048	78.24915	58.27026	0.6543	41.07544	18.59363	22.48181	31.43044	8
2026.28	2026.963	1382.463	81.27753	70.78653	80.94379	82.21695	50.68081	2.994288	46.3249	28.83016	17.49474	29.38535	8
2026.285	2026.968	1382.468	81.56183	100.3662	79.73244	77.3221	54.85225	1.239743	43.90801	28.84472	15.06329	30.14352	8
2026.29	2026.973	1382.473	81.99445	116.2409	80.17743	76.95128	50.51678	2.396427	47.0868	28.46847	18.61832	29.43418	8
2026.295	2026.978	1382.478	78.95371	106.218	77.55695	76.30852	52.48274	2.282576	45.23469	13.7504	31.48429	29.27059	8
2026.3	2026.983	1382.483	81.92029	136.3783	79.88077	76.86475	47.43607	3.188903	49.37502	26.64243	22.7326	28.66938	8
2026.305	2026.988	1382.488	83.98453	120.6717	82.71138	80.35048	43.39863	4.502144	52.09923	24.45242	27.6468	28.60724	8
2026.31	2026.994	1382.494	84.41716	105.3471	84.44188	85.46782	36.65062	7.495451	55.85392	24.5853	31.26862	27.81487	8
2026.315	2026.999	1382.499	81.43822	129.0903	79.26273	77.61876	50.69702	2.320201	46.98278	28.53121	18.45157	28.87976	8
2026.32	2027.004	1382.504	81.1292	133.5975	80.96851	79.43578	34.27587	7.641328	58.0828	29.74318	28.33963	27.59975	9
2026.325	2027.009	1382.509	82.26639	93.64357	81.38878	78.63234	48.45467	3.371184	48.17415	27.24483	20.92932	29.51889	9
2026.33	2027.014	1382.514	87.81636	161.7716	89.1266	89.73227	9.905883	17.78196	72.31216	59.54208	12.77008	28.30067	9
2026.335	2027.019	1382.519	91.46277	166.1872	90.10309	86.28363	26.17448	9.189724	64.6358	45.75186	18.88394	28.16262	9

2026.34	2027.024	1382.524	95.34404	95.37007	94.57768	93.61354	35.14325	8.725322	56.13142	36.46196	19.66947	28.68118	9
2026.345	2027.029	1382.529	97.19815	204.8119	96.679	90.94362	5.036641	18.52962	76.43374	73.87178	2.56196	-9999	9
2026.35	2027.034	1382.534	84.42952	137.1575	83.03276	82.11806	39.95764	5.351354	54.69101	30.52013	24.17088	27.85513	9
2026.355	2027.04	1382.54	84.62729	98.68556	84.7509	85.07228	37.30303	7.447839	55.24913	23.67132	31.57781	28.08207	9
2026.36	2027.045	1382.545	78.34804	128.5097	79.683	81.53711	26.47452	9.992687	63.53279	33.6203	29.9125	27.04917	9
2026.365	2027.05	1382.55	81.54947	55.29386	80.3752	79.83133	60.69396	0	39.30604	11.6991	27.60694	31.41942	9
2026.37	2027.055	1382.555	82.08098	69.13642	80.61005	79.72008	59.15417	0.114452	40.73138	10.56579	30.16559	31.2007	9
2026.375	2027.06	1382.56	83.23053	80.85524	82.09334	79.86841	52.67415	2.030396	45.29546	31.85979	13.43566	30.25329	9
2026.38	2027.065	1382.565	80.30103	83.88044	79.63356	76.76587	50.99695	2.753836	46.24921	17.60065	28.64856	29.89606	9
2026.385	2027.07	1382.57	80.53589	94.34639	80.437	79.38634	43.84152	4.95633	51.20215	28.9084	22.29374	28.6395	9
2026.39	2027.075	1382.575	79.01552	104.629	78.61998	77.77945	45.05097	4.469119	50.47991	27.09933	23.38059	28.42577	9
2026.395	2027.081	1382.581	78.26151	95.32423	76.84003	75.61632	55.94744	1.388422	42.66413	22.79995	19.86418	29.92644	9
2026.4	2027.086	1382.586	78.57053	105.4846	77.49515	73.03292	50.52206	2.878907	46.59904	19.20938	27.38965	29.60336	9
2026.405	2027.091	1382.591	79.58411	107.3945	79.70772	79.16385	39.8352	6.077351	54.08745	23.3586	30.72885	27.99746	9
2026.41	2027.096	1382.596	83.16872	124.7817	84.44188	87.54442	23.42065	12.08718	64.49217	41.77626	22.71592	27.1265	9
2026.415	2027.101	1382.601	80.46172	137.7839	80.39992	81.93265	33.11048	7.958699	58.93082	23.52922	35.4016	26.91071	9
2026.42	2027.106	1382.606	79.21329	150.7862	78.48401	73.56444	36.28547	6.856635	56.8579	26.47792	30.37998	27.83631	9
2026.425	2027.111	1382.611	75.77701	125.2401	75.10953	71.2159	45.15003	4.514793	50.33518	35.40307	14.93211	28.38058	9
2026.43	2027.116	1382.616	72.10587	74.25481	72.05643	70.85744	56.07612	1.417488	42.50639	18.90605	23.60034	29.97755	9
2026.435	2027.121	1382.621	72.15531	134.9574	70.56078	65.98731	53.31507	3.014746	43.67018	28.10465	15.56553	28.84327	9
2026.44	2027.127	1382.627	73.37903	75.81325	71.89574	70.40009	65.63997	0	34.36003	25.06271	9.297319	30.85425	9
2026.445	2027.132	1382.632	76.04894	97.41742	74.86231	75.04772	55.65634	1.672901	42.67076	21.27471	21.39605	29.4135	9
2026.45	2027.137	1382.637	81.88321	74.94236	82.42708	81.37642	42.31639	5.895357	51.78825	27.94163	23.84663	28.91327	9
2026.455	2027.142	1382.642	82.63721	149.243	81.62363	76.25908	35.7122	6.847838	57.43996	35.04532	22.39464	28.15702	9
2026.46	2027.147	1382.647	87.43318	202.2145	85.98697	87.8658	21.83366	10.23864	67.9277	40.85892	27.06878	26.51894	9
2026.465	2027.152	1382.652	84.80034	114.0254	84.97339	86.04877	33.04839	8.718328	58.23328	35.75505	22.47824	27.57653	9
2026.47	2027.157	1382.657	81.85849	86.79868	81.4753	81.8214	46.65458	4.124765	49.22066	27.99514	21.22552	28.84206	9
2026.475	2027.162	1382.662	82.4518	72.23801	82.11806	80.95615	49.24923	3.468165	47.28261	31.11752	16.16509	29.69231	9
2026.48	2027.167	1382.667	80.46172	54.10212	80.05382	80.30103	56.04376	1.432924	42.52332	17.3855	25.13781	30.60848	9
2026.485	2027.173	1382.673	79.79424	59.92333	79.25037	79.00316	56.30286	1.306777	42.39036	17.68211	24.70825	30.59517	9
2026.49	2027.178	1382.678	79.0526	128.9681	78.4222	77.85361	40.94691	5.574925	53.47816	20.8501	32.62806	27.62476	9
2026.495	2027.183	1382.683	82.11806	119.2661	81.6978	80.83255	38.84605	6.29691	54.85704	20.70239	34.15465	27.92779	9
2026.5	2027.188	1382.688	82.60013	129.6862	81.43822	80.437	41.62862	5.117989	53.25339	23.84694	29.40645	27.9693	9
2026.505	2027.193	1382.693	84.28119	152.2835	82.7361	78.48401	37.58316	5.914312	56.50253	34.18587	22.31666	28.08821	9
2026.51	2027.198	1382.698	80.77074	118.8535	79.58411	77.12433	46.12475	3.944594	49.93066	21.32273	28.60793	28.66601	9
2026.515	2027.203	1382.703	77.89069	99.89258	76.66698	75.77701	53.65033	2.059997	44.28967	18.914	25.37567	29.40769	9
2026.52	2027.208	1382.708	75.70284	109.2737	74.99828	71.54964	49.36949	3.3496	47.28091	30.84766	16.43325	29.01291	8
2026.525	2027.214	1382.714	75.88825	90.08362	75.13425	73.41611	54.22611	1.994006	43.77989	19.316	24.46388	29.70307	8
2026.53	2027.219	1382.719	75.19605	105.3471	74.0465	71.47547	54.23463	2.147792	43.61758	21.04614	22.57144	29.48738	8
2026.535	2027.224	1382.724	70.02927	74.02563	69.79441	69.42359	59.47899	0.687322	39.83369	16.35009	23.4836	30.22767	8
2026.54	2027.229	1382.729	67.22338	55.50776	66.18508	64.12084	72.76845	0	27.23155	4.640981	22.59057	30.67358	8
2026.545	2027.234	1382.734	65.95023	55.95085	64.94901	64.51638	73.54514	0	26.45486	4.379852	22.07501	30.37964	8
2026.55	2027.239	1382.739	67.39643	117.6312	65.03553	63.0949	67.8255	0.515361	31.65914	23.42146	8.237683	30.83888	8
2026.555	2027.244	1382.744	67.21102	63.49856	65.9255	63.31739	72.76196	0	27.23804	14.39146	12.84658	30.89108	8
2026.56	2027.249	1382.749	71.30242	49.38098	71.6238	72.15531	59.96089	0.170729	39.86838	10.26243	29.60595	30.78854	8
2026.565	2027.254	1382.754	70.79563	25.3322	70.51134	69.22582	70.94093	0	29.05907	12.62915	16.42992	30.41544	8
2026.57	2027.26	1382.76	65.72773	41.22212	65.30747	65.13442	72.81179	0	27.18821	11.82778	15.36044	30.04553	8
2026.575	2027.265	1382.765	66.2098	55.72167	65.76481	65.20858	69.05098	0	30.94902	21.03913	9.909886	30.30345	8
2026.58	2027.27	1382.77	67.1245	42.41386	66.43229	64.4793	73.34587	0	26.65413	12.48899	14.16514	30.48037	8
2026.585	2027.275	1382.775	70.06635	79.78573	68.48418	66.34577	68.49266	0	31.50734	9.63126	21.87608	30.95108	8
2026.59	2027.28	1382.78	74.75107	144.9497	74.00942	70.89452	41.89894	5.504113	52.59695	26.3984	26.19854	27.53752	8
2026.595	2027.285	1382.785	76.53101	110.2058	76.51865	75.04772	43.01747	5.013131	51.9694	33.32423	18.64517	28.13802	8
2026.6	2027.29	1382.79	68.70667	101.0232	67.1245	65.49288	64.60409	0.438716	34.95719	15.7704	19.18679	30.64029	8
2026.605	2027.295	1382.795	69.15165	102.9025	67.56948	64.09612	63.73992	0.602008	35.65807	19.13558	16.52249	30.80239	8
2026.61	2027.301	1382.801	67.06269	64.29305	66.40757	65.38163	67.82058	0	32.17942	16.13111	16.04832	30.56314	8
2026.615	2027.306	1382.806	68.52126	49.97685	67.55712	66.87728	72.33811	0	27.66189	19.57828	8.083612	30.36312	8
2026.62	2027.311	1382.811	66.66715	31.59649	66.61771	66.50646	71.40306	0	28.59694	21.69146	6.905489	29.9261	8
2026.625	2027.316	1382.816	67.1863	73.3992	65.98731	64.83776	69.71818	0	30.28182	11.18888	19.09294	30.71608	8
2026.63	2027.321	1382.821	74.47913	182.9327	72.95876	69.25054	38.99236	6.618273	54.38937	28.35724	26.03213	26.67649	8
2026.635	2027.326	1382.826	71.69797	178.9755	69.91802	64.38041	44.52038	5.660922	49.8187	19.15966	30.65904	27.13792	8
2026.64	2027.331	1382.831	64.1332	107.0278	62.29145	59.68333	69.37029	0.242839	30.38687	24.7592	5.627663	31.30056	8
2026.645	2027.336	1382.836	62.60047	87.37927	60.54859	58.97877	77.16387	0	22.83613	4.143909	18.69222	31.54853	8
2026.65	2027.341	1382.841	60.07888	48.1434	59.65861	58.33602	76.33378	0	23.66622	12.20068	11.46554	30.30341	8
2026.655	2027.347	1382.847	62.4645	81.74141	61.79702	61.88354	67.92421	0	32.07579	10.61096	21.46483	30.47361	8
2026.66	2027.352	1382.852	62.29145	66.4168	61.41384	59.38668	73.42049	0	26.57951	16.90867	9.670834	30.76939	8
2026.665	2027.357	1382.857	59.32487	57.52456	58.60795	56.61787	77.05632	0	22.94368	13.9348	9.008875	30.73088	8
2026.67	2027.362	1382.862	58.18769	35.06477	57.47076	57.71798	83.5378	0	16.4622	3.268812	13.19339	30.50439	8
2026.675	2027.367	1382.867	62.69935	40.99293	61.89591	61.06774	78.62302	0	21.37698	6.098746	15.27823	30.40989	8
2026.68	2027.372	1382.872	60.26429	40.01509	60.05416	59.33723	76.50173	0	23.49827	6.180981	17.31729	29.99954	8
2026.685	2027.377	1382.877	63.04545	63.36105	62.64991	62.58811	69.73027	0	30.26973	22.81281	7.456919	30.17318	8
2026.69	2027.382	1382.882	72.71155	149.5639	71.3395	67.55712	47.54424	4.414025	48.04173	24.81506	23.22667	27.79785	8
2026.695	2027.388	1382.888	77.65584	198.5323	79.41106	83.62607	6.908825	15.4142	77.67698	72.32495	5.352021	-9999	8
2026.7	2027.393	1382.893	80.04146	159.1895	79.25037	78.3604	33.96893	7.472242	58.55883	30.51232	28.04651	26.94581	8

2026.705	2027.398	1382.898	83.97217	166.6914	84.65201	88.22426	17.13753	13.48984	69.37263	52.0716	17.30103	26.86325	8
2026.71	2027.403	1382.903	87.21068	162.4286	89.1884	92.62468	5.131148	19.98747	74.88139	68.03205	6.849334	-9999	8
2026.715	2027.408	1382.908	76.56809	179.5561	77.05016	76.30852	22.36875	10.76067	66.87058	32.92281	33.94777	26.71365	8
2026.72	2027.413	1382.913	70.73383	242.199	68.99097	66.69187	29.8199	9.90769	60.27241	31.96511	28.3073	24.80317	8
2026.725	2027.418	1382.918	56.37066	79.28153	55.91331	54.6896	72.4973	0	27.5027	21.50623	5.996464	30.5977	8
2026.73	2027.423	1382.923	56.82801	63.16243	56.074	55.65374	78.27646	0	21.72354	10.03579	11.68774	30.64438	8
2026.735	2027.428	1382.928	57.55729	168.8457	53.57713	50.89485	77.03285	2.620987	20.34616	10.13514	10.21103	30.94511	8
2026.74	2027.434	1382.934	68.07627	159.9687	66.88964	64.07139	47.85379	4.876858	47.26935	15.45472	31.81463	27.04896	8
2026.745	2027.439	1382.939	68.43473	258.4098	64.63999	57.49549	43.91414	8.320284	47.76557	22.65334	25.11223	25.16316	9
2026.75	2027.444	1382.944	83.18108	282.703	81.6978	80.21451	6.554746	14.69142	78.75383	65.58467	13.16916	-9999	9
2026.755	2027.449	1382.949	78.60761	196.5461	78.0143	80.32576	24.71504	10.11336	65.1716	34.91907	30.25253	25.76971	9
2026.76	2027.454	1382.954	83.53955	207.8829	83.7744	85.22061	11.01583	14.68931	74.29486	51.21602	23.07884	27.30415	9
2026.765	2027.459	1382.959	78.73122	277.7833	79.01552	83.09456	0	17.67535	82.32465	82.32465	0	-9999	9
2026.77	2027.464	1382.964	70.04163	227.3328	69.38651	66.04911	25.62434	10.41178	63.96388	30.59342	33.37046	25.52329	9
2026.775	2027.469	1382.969	82.0439	262.092	84.47896	90.77057	0	24.2566	75.7434	75.7434	0	-9999	9
2026.78	2027.474	1382.974	83.63843	208.7691	84.60257	89.91768	5.058462	17.05114	77.8904	63.84795	14.04245	-9999	9
2026.785	2027.48	1382.98	76.01186	156.5921	76.66698	77.73	27.09663	9.393976	63.50939	35.42522	28.08417	26.53433	9
2026.79	2027.485	1382.985	72.50141	116.2714	72.36545	73.76221	46.21477	4.193249	49.59198	34.15991	15.43208	27.47169	9
2026.795	2027.49	1382.99	66.41993	96.37847	65.15914	61.29023	65.34123	0.330621	34.32815	12.6693	21.65885	31.13625	9
2026.8	2027.495	1382.995	62.71171	141.8481	59.54737	57.89103	72.50168	1.290986	26.20734	9.822039	16.3853	30.80938	9
2026.805	2027.5	1383	69.18874	129.2278	68.32349	66.77839	51.77893	3.366391	44.85468	26.53921	18.31547	28.01556	9
2026.81	2027.505	1383.005	77.50751	161.0382	76.96364	76.77823	33.93685	7.563518	58.49963	23.34259	35.15704	26.61741	9
2026.815	2027.51	1383.01	81.40114	153.246	81.8214	82.16751	24.76836	10.63005	64.60159	44.29439	20.3072	27.06386	9
2026.82	2027.515	1383.015	82.0439	131.3668	81.79668	80.88199	34.64475	7.562981	57.79227	27.20735	30.58492	27.57439	9
2026.825	2027.521	1383.021	86.8275	95.66037	87.68039	87.59387	30.35899	10.90036	58.74065	27.45516	31.28549	28.04347	9
2026.83	2027.526	1383.026	81.03032	169.0748	82.17987	81.95737	15.627	13.54766	70.82535	51.00205	19.8233	27.59517	9
2026.835	2027.531	1383.031	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2027.14	2027.843	1383.343	120.6465	88.49462	118.2856	116.6292	25.88653	6.217971	67.8955	42.31284	25.58266	29.61125	9
2027.145	2027.848	1383.348	128.0876	139.5257	127.5808	126.1593	0	61.28074	38.71926	38.71926	0	-9999	9
2027.15	2027.853	1383.353	139.9539	82.19977	139.9416	135.8996	0	100	0	0	0	-9999	9
2027.155	2027.858	1383.358	137.0368	67.44048	136.0727	134.9355	5.077618	71.06307	23.85932	23.85932	0	-9999	9
2027.16	2027.863	1383.363	116.4315	155.7823	116.3696	121.932	0	42.73465	57.26535	57.26535	0	-9999	9
2027.165	2027.868	1383.368	120.8442	89.13633	121.2398	122.1668	4.186852	57.07335	38.7398	32.41355	6.326249	-9999	9
2027.17	2027.874	1383.374	116.0854	54.16323	115.8876	115.8999	21.6267	33.12855	45.24475	33.02579	12.21896	26.2193	9
2027.175	2027.879	1383.379	118.0878	61.61927	117.6181	117.9642	20.0876	33.07721	46.83519	17.07331	29.76188	26.10425	9
2027.18	2027.884	1383.384	109.9297	68.75446	110.1398	109.6825	20.59756	28.7528	50.64964	39.75665	10.89299	27.10017	9
2027.185	2027.889	1383.389	102.8223	76.21049	102.2661	99.64558	31.27136	13.69145	55.03719	25.0062	30.03099	28.87291	9
2027.19	2027.894	1383.394	104.219	70.00731	102.9953	99.6703	36.66048	9.098948	54.24058	37.46382	16.77676	29.68497	9
2027.195	2027.899	1383.399	103.7123	43.682	103.156	103.5516	38.32448	12.24874	49.42678	20.51232	28.91446	28.95593	9
2027.2	2027.904	1383.404	105.7889	88.75436	105.1955	105.554	25.79388	16.85612	57.34999	30.07559	27.27441	27.99264	9
2027.205	2027.909	1383.409	106.3204	80.85524	105.5787	102.9953	28.36603	15.49052	56.14345	31.68043	24.46302	28.69242	9
2027.21	2027.915	1383.415	104.3427	89.39607	102.8223	97.92744	34.15377	8.139897	57.70633	39.44445	18.26188	29.83319	9
2027.215	2027.92	1383.42	115.5044	143.0093	114.3919	111.1905	7.749322	24.95959	67.29109	64.58322	2.707871	-9999	9
2027.22	2027.925	1383.425	107.7666	75.11042	106.6912	105.245	31.01225	13.25155	55.73621	26.42251	29.3137	28.77808	9
2027.225	2027.93	1383.43	111.0545	139.3729	110.2511	111.549	10.3283	23.55251	66.11919	59.8484	6.270795	27.96774	9
2027.23	2027.935	1383.435	106.8519	99.96898	106.5799	105.8136	19.61128	21.66081	58.72791	28.12814	30.59977	27.90358	9
2027.235	2027.94	1383.44	105.554	114.4074	106.8519	107.9891	5.145173	35.68301	59.17182	59.17182	0	-9999	9
2027.24	2027.945	1383.445	103.1931	109.9002	103.6381	102.5256	15.01785	24.25492	60.72723	43.75978	16.96745	28.04082	9
2027.245	2027.95	1383.45	103.9842	163.8189	105.0596	108.9408	0	34.3408	65.6592	65.6592	0	-9999	9
2027.25	2027.955	1383.455	100.276	83.78876	100.0535	97.68022	29.19354	14.48552	56.32093	37.20726	19.11368	28.64511	9
2027.255	2027.961	1383.461	100.1276	79.3732	100.3254	99.34892	27.14152	16.94263	55.91585	30.9257	24.99014	28.22644	9
2027.26	2027.966	1383.466	102.7481	70.71014	102.7481	103.4527	28.35987	17.5463	54.09382	29.74093	24.35289	27.92272	9
2027.265	2027.971	1383.471	105.1337	64.58335	104.6764	102.2661	31.19222	15.7829	53.02488	28.02674	24.99813	28.73242	9
2027.27	2027.976	1383.476	104.2561	84.53742	104.9854	105.6776	17.97436	26.3661	55.65955	33.59981	22.05974	27.38348	9
2027.275	2027.981	1383.481	99.39836	58.7927	99.91752	101.0423	30.30225	17.01502	52.68273	31.60775	21.07497	27.97306	9
2027.28	2027.986	1383.486	98.17465	52.80342	97.98924	94.39227	38.33783	10.94373	50.71844	34.32275	16.3957	29.63823	9
2027.285	2027.991	1383.491	98.55783	59.55664	98.65672	98.84213	34.14772	13.49513	52.35715	23.09158	29.26557	28.49687	9
2027.29	2027.996	1383.496	99.29948	67.59327	99.31184	97.33412	32.19111	14.12706	53.68182	33.75885	19.92298	28.74018	9
2027.295	2028.001	1383.501	108.4217	69.36561	108.57	108.1003	22.31601	25.81459	51.8694	21.49233	30.37707	27.38705	9
2027.3	2028.007	1383.507	96.24638	117.9979	93.58882	90.46156	43.4939	0.921328	55.58477	25.43321	30.15156	29.91531	9
2027.305	2028.012	1383.512	86.25891	34.77448	85.851	86.60501	55.38764	2.072118	42.54024	19.87475	22.66549	31.02069	9
2027.31	2028.017	1383.517	93.25508	126.7679	93.47757	86.75334	21.80316	14.5678	63.62904	44.7969	18.83214	29.12435	9
2027.315	2028.022	1383.522	102.093	84.07906	102.4391	102.1424	23.04503	20.41986	56.53511	24.42901	32.10611	27.87502	9
2027.32	2028.027	1383.527	103.2178	77.63142	103.0077	103.8606	27.88132	16.83461	55.28407	24.51868	30.76539	27.92158	9
2027.325	2028.032	1383.532	103.3167	61.75678	103.8359	104.6888	25.98006	21.77012	52.24982	34.70155	17.54827	27.5774	9
2027.33	2028.037	1383.537	105.6282	125.2706	104.9854	100.9064	17.48797	18.73731	63.77472	52.47527	11.29945	28.82158	9
2027.335	2028.042	1383.542	109.1263	208.3107	109.633	113.1559	0	40.15555	59.84445	59.84445	0	-9999	9
2027.34	2028.048	1383.548	104.491	354.5744	104.3427	93.16856	0	37.33847	62.66153	62.66153	0	-9999	9
2027.345	2028.053	1383.553	102.5998	308.5547	99.84335	87.71747	0	13.47153	86.52847	86.52847	0	-9999	9
2027.35	2028.058	1383.558	92.68649	104.4609	91.35153	91.78415	39.79482	5.509237	54.69595	20.74322	33.95273	28.59585	9
2027.355	2028.063	1383.563	91.46277	65.07227	91.46277	91.1414	40.10676	8.207787	51.68546	34.58173	17.10372	29.01844	9
2027.36	2028.068	1383.568	94.81253	73.38392	95.45529	96.86441	30.03219	14.35623	55.61158	30.45956	25.15203	27.97138	9
2027.365	2028.073	1383.573	93.73715	85.02634	94.40463	96.40707	28.01248	14.3583	57.62922	35.97804	21.65118	27.74731	9

2027.37	2028.078	1383.578	94.52824	76.62302	95.08447	97.63078	30.18045	13.86726	55.9523	39.13289	16.81941	27.75957	9
2027.375	2028.083	1383.583	91.74707	53.49097	91.92012	91.82124	41.30674	8.378862	50.3144	20.37057	29.94382	29.19506	9
2027.38	2028.088	1383.588	93.53938	51.44361	93.34161	94.45407	43.02715	7.610061	49.36279	29.0897	20.27309	29.2325	9
2027.385	2028.094	1383.594	91.07959	63.48328	90.96835	90.56044	41.70598	7.392518	50.9015	23.52681	27.37469	29.19581	9
2027.39	2028.099	1383.599	85.77684	73.9034	85.28241	84.91159	47.03251	4.246356	48.72113	18.93593	29.7852	29.42421	9
2027.395	2028.104	1383.604	85.03519	65.989	84.88687	83.81148	46.94783	4.545812	48.50636	29.77427	18.73209	29.62119	9
2027.4	2028.109	1383.609	83.87329	87.7918	83.41594	86.85222	45.1354	4.635027	50.22957	30.44579	19.78378	28.20506	9
2027.405	2028.114	1383.614	85.93753	123.5136	86.81514	90.7953	24.2457	12.32594	63.42836	31.44668	31.98168	26.98836	9
2027.41	2028.119	1383.619	89.34909	103.59	90.25142	93.70007	25.73696	13.31427	60.94877	45.43169	15.51708	27.32012	9
2027.415	2028.124	1383.624	85.17116	103.2081	85.91281	84.56549	30.91844	10.0451	59.03646	26.39262	32.64384	28.1467	9
2027.42	2028.129	1383.629	79.04024	132.7572	77.50751	70.9934	47.0344	3.785627	49.17998	18.03137	31.14861	29.09625	9
2027.425	2028.135	1383.635	73.89818	84.27768	72.87224	70.46189	59.56952	0.751021	39.67946	23.04164	16.63782	30.6375	9
2027.43	2028.14	1383.64	72.35308	63.59023	71.3395	69.90566	65.90157	0	34.09843	11.52419	22.57424	30.83957	9
2027.435	2028.145	1383.645	70.14051	50.55744	69.41123	68.2864	68.88777	0	31.11223	16.87921	14.23302	30.52979	9
2027.44	2028.15	1383.65	69.11457	67.59327	67.16158	65.67829	75.19274	0	24.80726	9.129835	15.67743	30.75469	9
2027.445	2028.155	1383.655	82.0439	70.71014	81.33934	80.83255	52.86811	2.229016	44.90287	25.02216	19.88071	30.04919	9
2027.45	2028.16	1383.66	85.56671	64.56807	85.77684	84.78798	44.02463	5.856292	50.11908	35.18405	14.93503	29.33287	9
2027.455	2028.165	1383.665	86.72861	102.4747	87.8658	92.19206	26.5976	12.34725	61.05515	42.09797	18.95718	27.14067	9
2027.46	2028.17	1383.67	84.77562	124.7359	85.54198	89.27493	25.88102	11.36296	62.75602	34.50871	28.24731	26.9438	9
2027.465	2028.175	1383.675	80.38756	118.9758	79.55939	79.36162	43.66962	4.749339	51.58104	28.56525	23.01579	28.00146	9
2027.47	2028.181	1383.681	77.69292	57.55512	77.16141	75.80173	58.71339	0.648991	40.63762	18.70771	21.92991	31.11442	9
2027.475	2028.186	1383.686	74.52857	42.3833	74.08359	74.29372	64.6256	0	35.3744	23.6768	11.6976	30.80648	9
2027.48	2028.191	1383.691	71.47547	41.84855	70.54842	70.10343	71.29989	0	28.70011	10.68478	18.01533	30.31369	9
2027.485	2028.196	1383.696	72.30364	64.65975	70.11579	67.34699	74.78882	0	25.21118	18.39068	6.820493	30.72262	9
2027.49	2028.201	1383.701	74.17011	125.8665	70.54842	66.70423	69.37194	0	30.62806	12.03987	18.58819	30.95122	9
2027.495	2028.206	1383.706	76.64226	161.741	75.14661	72.27892	41.93907	5.495731	52.5652	28.61333	23.95188	27.26364	9
2027.5	2028.211	1383.711	85.52962	265.1783	85.33185	78.68178	0	18.03166	81.96834	81.96834	0	-9999	9
2027.505	2028.216	1383.716	86.92639	321.6945	86.95111	74.66454	0	23.21967	76.78033	76.78033	0	-9999	9
2027.51	2028.221	1383.721	80.74602	173.9335	79.01552	74.84995	37.03315	6.342336	56.62452	28.43772	28.1868	27.37865	9
2027.515	2028.227	1383.727	79.79424	108.1431	78.40984	75.09717	51.14778	2.574733	46.27749	27.88603	18.39146	29.49477	9
2027.52	2028.232	1383.732	81.0674	92.86435	80.28867	79.01552	48.97995	3.275519	47.74453	15.74677	31.99776	29.23104	9
2027.525	2028.237	1383.737	87.30957	114.2393	87.06235	87.4579	33.94519	8.423597	57.63122	26.79085	30.84036	27.81904	9
2027.53	2028.242	1383.742	91.63583	140.0299	91.70999	95.54182	21.23303	13.70327	65.0637	35.24686	29.81684	27.06617	9
2027.535	2028.247	1383.747	93.18092	143.9566	91.99429	91.70999	28.63246	9.011455	62.35609	28.09061	34.26548	27.82335	9
2027.54	2028.252	1383.752	100.1153	314.7579	97.01274	99.47253	0	11.76675	88.23325	88.23325	0	-9999	9
2027.545	2028.257	1383.757	102.9706	315.7816	103.1684	108.0509	0	35.89175	64.10825	64.10825	0	-9999	9
2027.55	2028.262	1383.762	101.648	215.6751	101.957	103.3291	0	28.52329	71.47671	71.47671	0	-9999	9
2027.555	2028.268	1383.768	94.59004	118.823	93.89784	92.3033	29.58656	10.29944	60.114	41.64544	18.46856	28.32645	9
2027.56	2028.273	1383.773	83.60135	110.0835	82.25403	80.96851	46.88827	3.496345	49.61538	25.09744	24.51794	28.87678	9
2027.565	2028.278	1383.778	73.32958	77.6467	72.27892	70.9316	61.88892	0.175458	37.93563	9.58799	28.34764	30.96058	9
2027.57	2028.283	1383.783	73.18125	128.8306	70.22704	68.54598	64.39141	0.538466	35.07012	13.10404	21.96608	30.31841	9
2027.575	2028.288	1383.788	65.93786	36.60793	65.33219	65.29511	75.17203	0	24.82797	20.59114	4.236824	30.0471	9
2027.58	2028.293	1383.793	72.11823	40.93182	72.14295	71.67324	63.55414	0	36.44586	25.21851	11.22736	30.88702	9
2027.585	2028.298	1383.798	66.39521	49.13652	65.97495	64.96137	70.28242	0	29.71758	23.09465	6.62293	30.29924	9
2027.59	2028.303	1383.803	70.83271	44.9043	70.35065	69.38651	67.70309	0	32.29691	8.332683	23.96422	30.55446	9
2027.595	2028.308	1383.808	76.93892	67.9294	76.43213	71.6238	56.7049	1.224793	42.0703	24.77501	17.29529	31.15963	9
2027.6	2028.314	1383.814	78.2986	45.89742	77.85361	77.37154	60.30676	0.202927	39.49031	22.78743	16.70289	31.50616	9
2027.605	2028.319	1383.819	82.48888	52.57424	82.43944	82.48888	51.77044	2.952287	45.27727	32.21911	13.05816	30.11898	9
2027.61	2028.324	1383.824	85.57907	123.0552	87.71747	88.74341	14.91525	16.58606	68.49869	46.0959	22.40279	28.12534	9
2027.615	2028.329	1383.829	85.54198	74.34648	86.5432	87.35901	35.55008	9.200713	55.24921	25.14182	30.10739	28.26189	9
2027.62	2028.334	1383.834	89.07715	105.8513	89.89296	87.19832	26.11049	12.91712	60.97239	35.09265	25.87974	28.4258	9
2027.625	2028.339	1383.839	85.94989	74.92708	86.25891	85.70267	40.39886	7.077287	52.52386	21.67469	30.84917	28.80737	9
2027.63	2028.344	1383.844	71.84629	44.21675	71.61144	69.5472	65.02107	0	34.97893	18.75165	16.22728	31.01091	9
2027.635	2028.349	1383.849	71.26534	96.45486	70.00455	67.9403	60.86497	0.8361	38.29893	20.1319	18.16703	30.32457	9
2027.64	2028.355	1383.855	84.77562	142.337	84.80034	82.05626	27.36928	10.1439	62.48682	31.05592	31.4309	27.8528	9
2027.645	2028.36	1383.86	91.03015	128.0514	90.36267	88.85466	30.4368	9.3503	60.2129	23.98928	36.22362	28.09349	9
2027.65	2028.365	1383.865	93.61354	115.9964	93.83604	95.28224	24.08009	14.0941	61.82581	32.95928	28.86653	27.6511	9
2027.655	2028.37	1383.87	90.12782	111.8559	88.50856	86.87694	42.56252	4.134821	53.30266	27.42265	25.88	28.97412	9
2027.66	2028.375	1383.875	86.45668	70.77125	85.55435	83.81148	50.3263	2.922573	46.75113	20.63017	26.12096	30.18554	9
2027.665	2028.38	1383.88	83.68787	65.40841	83.66315	83.66315	47.36991	4.350365	48.27972	22.61377	25.66595	29.41591	9
2027.67	2028.385	1383.885	83.91037	55.52304	83.66315	83.98453	51.2818	3.098479	45.61972	18.77456	26.84516	30.02151	9
2027.675	2028.39	1383.89	85.39366	43.45282	85.59143	86.23419	49.38952	4.308204	46.30227	24.60591	21.69636	29.94351	9
2027.68	2028.395	1383.895	88.05121	67.27241	88.26135	86.20946	41.08443	7.295138	51.62043	26.88753	24.73289	29.30137	9
2027.685	2028.401	1383.901	92.36511	112.9865	91.88304	92.50108	31.4174	9.772241	58.81036	28.26289	30.54747	27.92065	9
2027.69	2028.406	1383.906	92.85954	106.0958	92.92134	93.1562	28.41507	12.1266	59.45833	43.69757	15.76076	27.96198	9
2027.695	2028.411	1383.911	94.37991	86.5695	94.28102	92.76065	32.98703	11.00688	56.00609	39.71343	16.29266	28.62105	9
2027.7	2028.416	1383.916	98.53311	96.25624	98.71852	98.36006	24.61859	16.50242	58.87899	28.63236	30.24663	28.05934	9
2027.705	2028.421	1383.921	98.40951	104.0026	98.48367	97.81619	23.71986	16.2099	60.07024	28.85176	31.21848	28.10708	9
2027.71	2028.426	1383.926	93.58882	222.3977	93.83604	96.74081	0	21.38223	78.61777	78.61777	0	-9999	9
2027.715	2028.431	1383.931	92.21678	153.7044	91.46277	91.32681	23.80763	11.22864	64.96373	34.83421	30.12952	27.65194	9
2027.72	2028.436	1383.936	87.91525	135.3852	87.76692	87.76692	27.50431	10.48333	62.01236	37.29717	24.71519	27.56728	9
2027.725	2028.442	1383.942	82.24167	65.88205	81.54947	81.53711	53.75877	1.990802	44.25043	29.98091	14.26952	30.18288	9
2027.73	2028.447	1383.947	79.16385	72.00883	78.02666	76.08603	58.55632	0.591918	40.85176	24.09536	16.7564	31.00499	9

2027.735	2028.452	1383.952	83.70024	68.52527	83.52719	82.17987	47.75381	4.120599	48.1256	32.61515	15.51044	29.6604	9
2027.74	2028.457	1383.957	83.74968	80.0913	83.44066	81.26517	45.96309	4.513772	49.52314	23.99838	25.52476	29.43648	9
2027.745	2028.462	1383.962	84.71382	50.78662	84.87451	84.56549	48.52758	4.371224	47.10119	14.37951	32.72168	29.87541	9
2027.75	2028.467	1383.967	81.21573	86.63061	81.21573	83.3665	44.31692	4.925997	50.75708	28.54153	22.21556	28.24591	9
2027.755	2028.472	1383.972	76.96364	63.42217	76.77823	77.22321	55.28222	1.606379	43.1114	14.91579	28.19561	30.06185	9
2027.76	2028.477	1383.977	68.76847	44.52233	68.01447	67.68073	71.80214	0	28.19786	8.849719	19.34814	30.23613	9
2027.765	2028.482	1383.982	67.13686	48.49481	66.86492	63.68821	68.60585	0	31.39415	12.25056	19.14358	30.7358	9
2027.77	2028.488	1383.988	64.31861	41.39018	63.36683	62.30381	78.18672	0	21.81328	11.66029	10.15299	30.46955	9
2027.775	2028.493	1383.993	63.70057	47.15028	62.37797	60.91941	80.23524	0	19.76476	16.0759	3.688858	30.85919	9
2027.78	2028.498	1383.998	62.27909	26.12669	62.15548	62.79824	77.33854	0	22.66146	14.14444	8.517023	29.62879	9
2027.785	2028.503	1384.003	61.89591	34.66752	61.05538	60.91941	81.18033	0	18.81967	4.233051	14.58662	30.38021	9
2027.79	2028.508	1384.008	59.99235	32.78824	59.39904	59.7575	81.47047	0	18.52953	18.52953	0	30.18344	9
2027.795	2028.513	1384.013	59.17654	20.62634	59.00349	58.74392	81.90714	0	18.09286	9.901336	8.19152	29.95966	9
2027.8	2028.518	1384.018	58.69448	20.33604	58.66975	58.34838	81.27135	0	18.72865	13.03459	5.694056	29.83029	9
2027.805	2028.523	1384.023	59.18891	19.74017	59.18891	58.58323	80.76909	0	19.23091	13.13909	6.091828	29.83601	9
2027.81	2028.528	1384.028	57.47076	19.23597	57.06286	56.1358	85.63305	0	14.36695	12.72098	1.645967	30.54	9
2027.815	2028.534	1384.034	58.16296	21.45139	58.0888	57.76742	81.87361	0	18.12639	4.942523	13.18387	29.9095	9
2027.82	2028.539	1384.039	56.71676	20.93191	56.30886	56.0122	85.91632	0	14.08368	14.08368	0	30.48132	9
2027.825	2028.544	1384.044	62.4027	85.24025	60.37554	58.81808	77.67187	0	22.32813	21.84173	0.486401	31.53779	9
2027.83	2028.549	1384.049	68.44709	213.4749	63.20614	57.24827	65.9851	3.663395	30.3515	24.36948	5.982029	28.84786	9
2027.835	2028.554	1384.054	58.69448	80.39688	55.62901	53.62658	90.30236	0	9.697637	9.697637	0	33.73056	9
2027.84	2028.559	1384.059	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2028.14	2028.866	1384.366	85.27005	102.2608	83.67551	75.43091	49.16208	2.572943	48.26497	23.88185	24.38312	30.676	10
2028.145	2028.871	1384.371	90.12782	131.1529	87.63095	86.14766	44.69412	2.144611	53.16127	18.69061	34.47066	28.94232	10
2028.15	2028.876	1384.376	97.06219	351.1672	89.76935	85.82628	22.23977	0	77.76023	40.31594	37.44429	21.03746	10
2028.155	2028.882	1384.382	97.92744	439.4938	89.99185	84.08342	5.050087	0	94.94991	85.49179	9.458119	-9999	10
2028.16	2028.887	1384.387	95.81375	326.3545	89.91768	85.61615	18.5681	0.499481	80.93242	48.20368	32.72874	27.5883	10
2028.165	2028.892	1384.392	101.8705	383.0998	99.81863	81.90793	0	23.15372	76.84628	76.84628	0	-9999	10
2028.17	2028.897	1384.397	104.1078	297.9054	105.5046	91.45041	0	46.44546	53.55454	53.55454	0	-9999	10
2028.175	2028.902	1384.402	102.1795	230.251	99.86807	93.68771	8.187874	11.15078	80.66135	66.91207	13.74928	30.1112	10
2028.18	2028.907	1384.407	98.32298	198.8226	94.40463	88.32315	31.79501	0	68.20499	35.71188	32.49311	28.98864	10
2028.185	2028.912	1384.412	99.08935	248.9064	94.30574	89.05243	25.67537	0	74.32463	38.65872	35.66591	26.66532	10
2028.19	2028.917	1384.417	102.6616	255.4152	103.1684	98.02632	0	33.91835	66.08165	66.08165	0	-9999	10
2028.195	2028.922	1384.422	98.49603	318.7915	97.87799	81.71016	0	26.46773	73.53227	73.53227	0	-9999	10
2028.2	2028.928	1384.428	97.82855	262.8254	93.9102	83.32941	16.76122	4.237814	79.00097	59.89488	19.10608	29.72317	10
2028.205	2028.933	1384.433	95.88792	332.8174	91.10431	77.29738	8.314229	5.610248	86.07552	63.87278	22.20274	30.23623	10
2028.21	2028.938	1384.438	95.77667	251.0454	93.57646	77.44571	8.184097	12.11387	79.70204	66.70074	13.0013	31.22568	10
2028.215	2028.943	1384.443	93.36633	186.6607	90.35031	79.80661	32.30523	3.906946	63.78782	24.78869	38.99913	29.48131	10
2028.22	2028.948	1384.448	93.29216	179.1741	90.26378	84.10814	34.28101	3.352399	62.36659	29.50989	32.8567	28.81788	10
2028.225	2028.953	1384.453	93.6259	147.9443	89.64575	87.16124	48.90785	0	51.09215	28.06044	23.03171	26.16117	10
2028.23	2028.958	1384.458	90.99307	270.587	84.91159	78.40984	37.9358	0	62.0642	24.72063	37.34357	26.25223	10
2028.235	2028.963	1384.463	93.37869	277.9513	90.56044	78.75594	8.668794	10.90487	80.42634	75.51926	4.907082	29.9065	10
2028.24	2028.968	1384.468	102.6863	247.898	105.3068	101.9941	0	51.25762	48.74238	48.74238	0	-9999	10
2028.245	2028.974	1384.474	109.1881	109.2585	109.8926	110.9186	7.646079	35.77351	56.58041	52.00089	4.57952	-9999	10
2028.25	2028.979	1384.479	108.9532	98.68556	109.2251	108.1003	13.77364	29.90968	56.31669	35.67788	20.63881	27.51356	10
2028.255	2028.984	1384.484	109.0274	91.87123	108.8296	107.4576	18.99471	24.53132	56.47397	34.28667	22.1873	27.75134	10
2028.26	2028.989	1384.489	108.6566	105.7138	108.8172	108.6071	13.20789	28.74302	58.04909	44.98523	13.06386	27.50929	10
2028.265	2028.994	1384.494	107.6801	133.0933	108.3105	108.0509	3.840181	33.9719	62.18792	55.11163	7.076292	-9999	10
2028.27	2028.999	1384.499	106.6912	222.5658	108.6566	108.1992	0	51.98163	48.01837	48.01837	0	-9999	10
2028.275	2029.004	1384.504	105.7765	245.0562	108.57	104.8494	0	59.97268	40.02732	40.02732	0	-9999	10
2028.28	2029.009	1384.509	104.7011	232.5428	107.0497	109.4353	0	52.07496	47.92504	47.92504	0	-9999	10
2028.285	2029.015	1384.515	107.334	153.2766	108.9161	111.6231	0	44.657	55.343	55.343	0	-9999	10
2028.29	2029.02	1384.52	105.7518	126.5846	106.8766	106.4687	3.357485	35.19254	61.44997	59.55243	1.897539	-9999	10
2028.295	2029.025	1384.525	106.0237	98.76196	106.4193	104.7382	15.49233	26.81429	57.69338	34.50184	23.19154	27.85684	10
2028.3	2029.03	1384.53	105.8012	96.80627	105.69	107.1609	20.09792	21.72377	58.17832	33.20183	24.97648	27.46734	10
2028.305	2029.035	1384.535	107.1609	111.7184	106.7901	105.4428	17.25	21.86238	60.88762	37.87952	23.0081	28.08385	10
2028.31	2029.04	1384.54	105.0719	84.43047	105.3192	105.3439	20.98573	23.21556	55.79871	43.65771	12.141	27.60789	10
2028.315	2029.045	1384.545	104.4663	81.92475	104.3921	103.2302	24.64002	19.53631	55.82367	31.67409	24.14958	28.06105	10
2028.32	2029.05	1384.55	102.229	86.2792	102.1672	102.1424	25.54876	17.595	56.85624	26.14537	30.71087	27.97814	10
2028.325	2029.055	1384.555	102.5256	98.77723	102.6987	103.0942	20.43119	20.55434	59.01447	46.62756	12.3869	27.75854	10
2028.33	2029.061	1384.561	102.6245	91.55038	102.6245	100.8817	23.43025	18.82503	57.74472	34.52777	23.21695	28.21523	10
2028.335	2029.066	1384.566	102.4267	103.422	102.5133	102.5998	20.06871	20.09012	59.84117	27.9463	31.89488	27.84978	10
2028.34	2029.071	1384.571	101.0671	91.58093	101.0423	102.0436	25.04731	17.10286	57.84983	34.27727	23.57256	27.80021	10
2028.345	2029.076	1384.576	102.2784	89.5183	103.3785	106.2586	15.71462	26.9673	57.31809	32.51159	24.80649	27.11268	10
2028.35	2029.081	1384.581	103.0942	97.66188	103.6875	104.8124	16.92095	24.51687	58.56218	41.62843	16.93375	27.50019	10
2028.355	2029.086	1384.586	103.0077	116.9437	103.3909	105.4551	13.96288	24.0016	62.03552	38.00042	24.0351	27.53078	11
2028.36	2029.091	1384.591	102.4638	109.4265	102.9459	104.3674	15.51603	23.62604	60.85793	40.69017	20.16776	27.58558	11
2028.365	2029.096	1384.596	100.8569	135.8894	101.2278	100.3131	11.45253	22.73288	65.8146	51.41377	14.40082	28.36137	11
2028.37	2029.102	1384.602	98.73088	153.3072	99.21295	99.44781	8.331223	22.46084	69.20794	59.76095	9.446984	28.45368	11
2028.375	2029.107	1384.607	98.33534	169.2735	99.11407	98.99046	2.532179	25.06375	72.40407	72.40407	0	-9999	11
2028.38	2029.112	1384.612	98.66908	136.2102	98.75561	100.5726	15.591	18.68757	65.72142	49.10936	16.61206	27.73257	11
2028.385	2029.117	1384.617	98.40951	180.8701	99.25004	100.9805	0	26.3318	73.6682	73.6682	0	-9999	11
2028.39	2029.122	1384.622	101.3884	141.7106	101.7593	101.9941	9.554805	23.70647	66.73873	50.32181	16.41692	28.26338	11

2028.395	2029.127	1384.627	100.3872	159.8159	101.03	102.9459	3.98693	25.78464	70.22843	64.54089	5.687541	-9999	11
2028.4	2029.132	1384.632	100.5232	139.8007	100.7828	101.4626	11.67518	21.84983	66.47499	53.24347	13.23153	28.08832	11
2028.405	2029.137	1384.637	99.43545	124.0942	99.7321	102.3773	16.18951	19.95808	63.85241	37.62182	26.23059	27.52374	10
2028.41	2029.142	1384.642	99.42309	128.7695	99.76919	101.5244	14.68627	20.5941	64.71962	36.12481	28.59482	27.7423	10
2028.415	2029.148	1384.648	101.8334	136.2713	102.0806	103.5392	11.41967	22.90022	65.68011	51.79172	13.88839	27.90849	10
2028.42	2029.153	1384.653	102.4885	141.2675	102.7605	103.3291	9.4163	24.15331	66.43039	55.63284	10.79756	28.17899	10
2028.425	2029.158	1384.658	101.8211	125.6831	101.9076	100.6097	15.23873	20.96307	63.79821	44.26358	19.53463	28.25196	10
2028.43	2029.163	1384.663	99.37364	129.8695	99.52197	98.84213	15.99828	19.29726	64.70447	52.42901	12.27546	28.16419	10
2028.435	2029.168	1384.668	98.12521	118.8077	98.22409	99.47253	20.20698	17.12063	62.67239	34.08582	28.58657	27.72986	10
2028.44	2029.173	1384.673	98.632	103.7734	99.00282	99.80627	21.27153	18.29513	60.43334	46.95698	13.47636	27.78361	10
2028.445	2029.178	1384.678	98.86685	107.0736	99.34892	99.3242	19.39465	19.47728	61.12807	41.27412	19.85395	27.93203	10
2028.45	2029.183	1384.683	97.27232	108.5404	97.42065	98.81741	23.09315	16.00934	60.89751	41.78885	19.10865	27.70565	10
2028.455	2029.189	1384.689	97.79147	116.852	97.61842	99.39836	23.0948	15.04988	61.85532	35.30861	26.54671	27.6446	10
2028.46	2029.194	1384.694	99.27476	119.9536	99.52197	103.3291	17.72254	19.19263	63.08483	39.5388	23.54604	27.27283	10
2028.465	2029.199	1384.699	97.43301	123.1469	97.13635	98.96574	22.85919	14.47349	62.66733	33.6086	29.05873	27.62557	10
2028.47	2029.204	1384.704	99.54669	106.2944	99.68266	98.73088	21.64005	17.78407	60.57588	44.59474	15.98114	28.1164	10
2028.475	2029.209	1384.709	100.7828	96.57709	101.1536	101.3884	21.03433	19.9995	58.96618	29.39641	29.56977	27.81862	10
2028.48	2029.214	1384.714	101.5739	103.5137	101.6357	101.1536	21.02277	19.03217	59.94506	38.08571	21.85935	27.99036	10
2028.485	2029.219	1384.719	103.2796	125.6984	103.7123	102.8965	11.21087	25.32758	63.46155	43.2345	20.22705	28.18639	10
2028.49	2029.224	1384.724	101.5244	116.852	101.6109	101.92	17.64878	20.06544	62.28578	37.27984	25.00593	27.88556	10
2028.495	2029.229	1384.729	100.14	108.3876	100.3996	96.76553	19.62969	19.34206	61.02825	29.24177	31.78648	28.58799	10
2028.5	2029.235	1384.735	101.4502	104.2623	101.8952	100.7704	17.98565	21.80164	60.21271	31.25254	28.96017	28.05494	10
2028.505	2029.24	1384.74	100.0658	99.4495	100.1524	100.9311	23.20207	17.4716	59.32632	41.08262	18.2437	27.80595	10
2028.51	2029.245	1384.745	100.9064	85.60694	100.9064	102.093	26.44926	16.72431	56.82643	38.03034	18.7961	27.80596	10
2028.515	2029.25	1384.75	99.7321	99.46478	99.84335	99.83099	23.31383	17.32919	59.35698	44.92988	14.4271	27.95605	10
2028.52	2029.255	1384.755	101.3884	76.89804	101.6604	101.8211	26.0058	18.59787	55.39632	34.09567	21.30065	27.90257	10
2028.525	2029.26	1384.76	99.6085	78.99123	99.58378	98.86685	29.4359	14.92228	55.64182	32.39615	23.24567	28.31829	10
2028.53	2029.265	1384.765	99.12643	91.39759	99.44781	99.78155	24.19478	17.61455	58.19067	33.23184	24.95882	27.8925	10
2028.535	2029.27	1384.77	97.97688	84.93467	98.31062	98.13757	26.7206	16.16952	57.10989	29.75471	27.35518	28.07661	10
2028.54	2029.275	1384.775	97.45773	81.94003	98.0016	97.50717	26.29439	16.78353	56.92208	27.74388	29.1782	28.11851	10
2028.545	2029.281	1384.781	97.25996	78.67038	97.72967	96.58012	27.84237	15.92154	56.23608	34.73323	21.50285	28.30561	10
2028.55	2029.286	1384.786	96.56776	89.19745	97.07455	97.72967	25.64426	16.21704	58.1387	26.60609	31.53261	27.89594	10
2028.555	2029.291	1384.791	96.43179	91.21424	96.9015	97.14871	25.56867	16.01333	58.418	44.12105	14.29695	27.96901	10
2028.56	2029.296	1384.796	95.09683	90.17529	94.99794	95.36877	31.45486	11.73069	56.81445	28.1384	28.67605	28.17739	10
2028.565	2029.301	1384.801	95.41821	91.73372	95.36877	95.76431	30.39887	12.32376	57.27738	39.09977	18.17761	28.11893	10
2028.57	2029.306	1384.806	94.23158	95.81315	94.26866	93.14383	29.83278	12.22665	57.94057	34.34999	23.59058	28.33468	10
2028.575	2029.311	1384.811	95.26988	99.69396	95.41821	94.65184	27.07622	13.82278	59.10099	30.01288	29.08811	28.17782	10
2028.58	2029.316	1384.816	94.91142	64.90421	94.86198	94.40463	37.35786	10.15917	52.48297	24.31831	28.16466	28.85945	10
2028.585	2029.322	1384.822	94.07089	57.0662	94.02145	94.47879	40.02794	9.063057	50.909	25.90155	25.00745	28.97626	10
2028.59	2029.327	1384.827	94.56532	84.35408	94.82489	95.66542	30.57451	12.84832	56.57717	32.94388	23.6333	28.05586	10
2028.595	2029.332	1384.832	95.41821	101.2218	95.6407	95.81375	25.99524	14.44379	59.56096	32.17526	27.38571	27.97482	10
2028.6	2029.337	1384.837	94.70129	119.6939	94.72601	96.23402	23.71731	14.10086	62.18183	45.93597	16.24586	27.63403	10
2028.605	2029.342	1384.842	95.83847	119.5258	95.96208	95.25752	21.9454	15.45899	62.59561	34.33533	28.26028	28.06382	10
2028.61	2029.347	1384.847	96.70373	106.8597	96.83969	97.6555	24.11877	15.35637	60.52486	34.31653	26.20832	27.8228	10
2028.615	2029.352	1384.852	95.83847	101.5121	95.99916	96.30818	26.01732	14.44969	59.53299	34.30154	25.23145	27.95363	10
2028.62	2029.357	1384.857	95.2946	82.90259	95.60362	96.28346	29.87165	13.58315	56.54521	23.40416	33.14105	28.06201	10
2028.625	2029.362	1384.862	92.10553	96.9285	92.48872	94.04617	28.83655	12.51993	58.64353	27.22875	31.41478	27.76401	10
2028.63	2029.368	1384.868	96.5554	112.2684	97.14871	95.80139	19.40189	18.27309	62.32502	44.45812	17.8669	28.21367	10
2028.635	2029.373	1384.873	96.72845	56.68423	96.76553	98.11285	37.00486	11.41503	51.58011	28.54464	23.03547	28.54061	10
2028.64	2029.378	1384.878	91.25264	54.46881	91.09195	83.67551	44.11146	6.664547	49.22399	23.86514	25.35885	30.83303	10
2028.645	2029.383	1384.883	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2028.735	2029.475	1384.975	85.22061	88.70853	85.98697	86.97583	34.19025	9.177327	56.63242	23.09164	33.54079	27.97035	11
2028.74	2029.48	1384.98	92.69885	261.6031	90.7953	94.47879	6.161651	13.64063	80.19772	65.59063	14.60709	-9999	11
2028.745	2029.485	1384.985	93.87312	270.0064	93.70007	93.70007	0	22.69011	77.30989	77.30989	0	-9999	11
2028.75	2029.49	1384.99	89.37381	193.2306	89.64575	89.16368	8.906789	16.78302	74.31019	64.51539	9.794794	28.30023	11
2028.755	2029.495	1384.995	86.35779	176.0572	86.69153	89.73227	15.3585	14.19654	70.44496	46.48451	23.96045	27.04802	11
2028.76	2029.501	1385.001	87.60623	183.6813	88.03885	89.41089	11.59854	15.74492	72.65654	52.19168	20.46487	27.69112	11
2028.765	2029.506	1385.006	81.11684	163.605	80.83255	79.25037	27.98338	9.338808	62.67781	40.38625	22.29156	27.09151	9
2028.77	2029.511	1385.011	80.7213	125.6679	79.06496	73.66332	48.1614	3.258234	48.58037	30.90172	17.67864	29.26182	9
2028.775	2029.516	1385.016	73.26778	102.9789	71.72269	69.29998	59.64721	1.046984	39.30581	14.98173	24.32408	30.17367	9
2028.78	2029.521	1385.021	66.16036	105.7291	65.33219	64.41749	59.96434	1.45337	38.58229	21.70765	16.87464	29.35198	9
2028.785	2029.526	1385.026	68.54598	115.8283	68.18752	70.68439	51.68532	3.073061	45.24162	24.32894	20.91268	27.52005	9
2028.79	2029.531	1385.031	72.15531	103.6053	72.47669	74.08359	46.05394	4.041628	49.90444	21.08069	28.82375	27.66588	9
2028.795	2029.536	1385.036	76.17255	107.1194	76.30852	75.77701	42.9446	5.013714	52.04169	33.69933	18.34236	27.98349	9
2028.8	2029.542	1385.042	79.63356	114.8658	79.67064	79.16385	38.65222	6.384809	54.96297	33.41184	21.55112	27.77818	9
2028.805	2029.547	1385.047	76.86475	95.73676	76.98836	77.64348	45.15818	4.422387	50.41944	32.97276	17.44668	28.19151	9
2028.81	2029.552	1385.052	75.01064	98.82307	74.73871	76.17255	49.18253	3.333459	47.48401	27.66442	19.81959	28.24913	9
2028.815	2029.557	1385.057	66.29633	87.33344	66.11092	65.19622	59.30962	1.019022	39.67135	18.89425	20.7771	29.71605	9
2028.82	2029.562	1385.062	65.22094	68.83085	64.83776	64.83776	66.30933	0	33.69067	18.07548	15.61519	30.33741	9
2028.825	2029.567	1385.067	62.79824	50.41993	62.53866	61.8341	72.03571	0	27.96429	6.956495	21.0078	30.07161	9
2028.83	2029.572	1385.072	63.41628	68.89196	63.49044	65.06025	64.4104	0	35.5896	10.63674	24.95287	29.91948	9
2028.835	2029.577	1385.077	58.33602	54.97301	58.10116	55.95039	74.84752	0	25.15248	9.586882	15.5656	30.35593	9
2028.84	2029.582	1385.082	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999

2029.16	2029.91	1385.41	105.7271	113.6129	104.2685	103.6505	26.54067	11.0192	62.44013	30.261	32.17913	28.57484	9
2029.165	2029.915	1385.415	102.1548	90.98506	100.5974	97.40829	36.06945	6.93948	56.99107	25.17114	31.81993	29.58386	9
2029.17	2029.92	1385.42	100.9682	84.44575	99.65794	98.13757	36.82775	7.636582	55.53567	37.17916	18.35652	29.25084	9
2029.175	2029.925	1385.425	108.7431	105.7138	108.6689	104.2685	14.9484	26.38894	58.66265	40.76253	17.90012	28.36012	9
2029.18	2029.93	1385.43	106.7406	150.9237	105.863	104.4168	12.07658	19.35709	68.56633	54.0412	14.52513	28.64436	9
2029.185	2029.936	1385.436	106.9879	170.7555	108.1127	107.7048	0	40.38301	59.61699	59.61699	0	-9999	9
2029.19	2029.941	1385.441	107.5441	115.7061	107.8778	108.4835	10.47208	29.55599	59.97194	56.35595	3.615988	27.55612	9
2029.195	2029.946	1385.446	112.6614	74.89652	112.4637	112.3401	19.75926	28.63198	51.60876	23.30395	28.30482	26.9664	9
2029.2	2029.951	1385.451	108.6566	140.0146	108.842	107.3834	4.715497	31.3202	63.96431	63.96431	0	-9999	9
2029.205	2029.956	1385.456	108.5206	115.4616	109.3611	110.3747	5.705238	36.47159	57.82317	51.77579	6.04738	-9999	9
2029.21	2029.961	1385.461	97.18579	175.5225	97.9398	99.97932	2.269093	24.12493	73.60598	73.60598	0	-9999	9
2029.215	2029.966	1385.466	90.39975	98.62445	89.80644	88.17482	37.5633	7.396743	55.03995	32.50514	22.53481	28.69039	9
2029.22	2029.971	1385.471	88.44676	110.221	88.96591	88.57036	27.93208	11.61212	60.45581	26.37645	34.07935	27.92684	9
2029.225	2029.976	1385.476	88.91646	132.2683	88.00177	85.097	33.27681	7.83167	58.89152	23.81501	35.07651	28.25615	9
2029.23	2029.982	1385.482	73.97234	41.23739	74.18247	72.87224	60.33747	0.102908	39.55962	14.58556	24.97407	31.4986	9
2029.235	2029.987	1385.487	69.93038	21.32916	69.69553	70.12815	72.32251	0	27.67749	6.279467	21.39802	29.96284	9
2029.24	2029.992	1385.492	71.82157	35.9815	70.68439	69.32471	74.02983	0	25.97017	6.44122	19.52895	30.38708	9
2029.245	2029.997	1385.497	76.24671	77.05083	74.75107	73.2307	62.798	0	37.202	7.466833	29.73517	31.00513	9
2029.25	2030.002	1385.502	83.03276	128.3722	81.05504	76.86475	47.8711	2.924962	49.20394	19.87193	29.33201	29.14627	10
2029.255	2030.007	1385.507	91.66055	162.6883	90.42447	94.80017	25.88129	9.532966	64.58574	40.33934	24.2464	26.67143	10
2029.26	2030.012	1385.512	95.99916	159.6173	95.07211	93.58882	20.23806	12.54554	67.2164	39.16609	28.05031	28.12209	10
2029.265	2030.017	1385.517	102.1054	220.167	102.8594	108.4341	0	32.79317	67.20683	67.20683	0	-9999	10
2029.27	2030.022	1385.522	100.7828	155.324	100.5974	101.6975	11.12839	20.00608	68.86552	60.8098	8.05572	28.11744	10
2029.275	2030.028	1385.528	93.5641	138.4562	92.90898	95.62834	25.4918	11.28774	63.22046	28.6954	34.52506	27.27555	10
2029.28	2030.033	1385.533	87.98941	134.9115	87.39609	86.50612	30.99935	8.853844	60.14681	38.38109	21.76571	27.74251	10
2029.285	2030.038	1385.538	84.94867	116.3937	83.72496	82.99567	43.16373	4.577637	52.25863	24.30188	27.95676	28.39626	10
2029.29	2030.043	1385.543	85.40602	128.907	84.96103	86.62973	33.67962	7.984361	58.33602	34.15789	24.17813	27.26818	10
2029.295	2030.048	1385.548	90.49864	188.7233	90.93126	91.59874	7.717356	17.85077	74.43187	63.29544	11.13643	-9999	10
2029.3	2030.053	1385.553	91.8336	156.4699	92.25386	94.14505	14.39033	16.52154	69.08813	54.18827	14.89985	27.66314	10
2029.305	2030.058	1385.558	96.81497	165.2552	96.86441	98.16229	10.5553	18.88312	70.56158	57.49868	13.0629	28.09655	10
2029.31	2030.063	1385.563	92.82246	210.3734	93.19328	91.96956	0.819119	20.62764	78.55324	78.55324	0	-9999	10
2029.315	2030.069	1385.569	96.25874	128.4486	96.45651	95.09683	18.82467	16.81052	64.36481	34.61129	29.75352	28.20873	10
2029.32	2030.074	1385.574	98.31062	136.745	98.42187	98.59492	15.59979	18.56846	65.83175	44.41756	21.41419	28.02699	10
2029.325	2030.079	1385.579	89.02771	166.3858	88.38495	88.03885	22.81052	11.20251	65.98697	48.78172	17.20525	27.41044	10
2029.33	2030.084	1385.584	96.87678	180.4117	97.25996	100.8322	4.244072	21.92083	73.8351	73.8351	0	-9999	10
2029.335	2030.089	1385.589	103.1684	131.2293	103.6999	104.3427	9.20837	26.37163	64.42	61.76638	2.653617	28.03341	10
2029.34	2030.094	1385.594	104.5281	100.5496	104.8865	105.863	16.72311	24.58395	58.69294	34.27921	24.41373	27.49192	10
2029.345	2030.099	1385.599	107.9149	107.8681	108.3352	107.7048	11.35715	30.47583	58.16702	47.94513	10.22188	27.60284	10
2029.35	2030.104	1385.604	111.277	118.3493	111.7344	111.3017	5.440156	37.34767	57.21217	45.06375	12.14842	-9999	10
2029.355	2030.109	1385.609	108.3475	119.3272	108.7431	110.4489	8.377631	31.67055	59.95182	41.32215	18.62967	27.35659	10
2029.36	2030.115	1385.615	106.7654	93.32271	107.2598	109.5836	15.35995	28.47655	56.16351	40.07494	16.08857	26.95572	10
2029.365	2030.12	1385.62	109.0027	58.18155	109.6578	109.9297	20.56045	31.44338	47.99617	17.79757	30.1986	26.72053	10
2029.37	2030.125	1385.625	109.0768	46.87526	109.46	109.7814	25.33585	27.819	46.84515	33.14864	13.69651	26.9841	10
2029.375	2030.13	1385.63	113.0817	46.49329	113.8604	115.0594	18.67834	40.36823	40.95343	17.32521	23.62822	25.44133	10
2029.38	2030.135	1385.635	109.1139	56.62311	109.4353	111.8456	23.42173	27.86172	48.71655	28.99639	19.72015	26.60396	10
2029.385	2030.14	1385.64	112.9828	59.64831	113.6874	114.5773	16.16057	40.02965	43.80978	24.11208	19.6977	25.69021	10
2029.39	2030.145	1385.645	113.9346	68.40304	114.8493	117.1484	11.53777	45.75719	42.70505	36.84261	5.862434	25.08674	10
2029.395	2030.15	1385.65	116.073	78.77733	117.1484	118.2361	5.814512	54.57249	39.613	34.8508	4.762199	-9999	10
2029.4	2030.156	1385.656	115.8999	89.44191	116.8394	116.7776	4.446642	52.64203	42.91132	34.75628	8.155041	-9999	10
2029.405	2030.161	1385.661	103.3044	136.0574	104.4786	105.9743	2.933507	32.26201	64.80448	64.80448	0	-9999	10
2029.41	2030.166	1385.666	103.4527	127.3638	103.9224	105.0225	10.36125	25.96294	63.67581	45.47056	18.20525	27.85655	10
2029.415	2030.171	1385.671	101.339	136.9742	101.6109	102.2908	11.51287	22.60015	65.88698	51.39658	14.4904	28.05422	10
2029.42	2030.176	1385.676	104.1325	133.46	104.3427	105.1461	10.27222	25.04008	64.6877	53.60874	11.07896	27.96907	10
2029.425	2030.181	1385.681	103.8359	159.5256	104.2314	105.0225	2.800342	27.99911	69.20054	69.20054	0	-9999	10
2029.43	2030.186	1385.686	107.0744	157.7227	107.6553	108.6318	0	34.15586	65.84414	65.84414	0	-9999	10
2029.435	2030.191	1385.691	109.2869	149.243	110.2016	112.1176	0	41.02439	58.97561	58.97561	0	-9999	10
2029.44	2030.196	1385.696	107.5812	121.5732	108.3723	110.523	5.473699	34.68862	59.83768	51.96068	7.876999	-9999	10
2029.445	2030.202	1385.702	103.9595	146.9665	104.5157	105.5787	4.480593	28.67422	66.84519	66.84519	0	-9999	10
2029.45	2030.207	1385.707	107.8655	189.4873	107.8407	108.125	0	31.37149	68.62851	68.62851	0	-9999	10
2029.455	2030.212	1385.712	106.8395	194.6209	107.2969	108.5329	0	35.06212	64.93788	64.93788	0	-9999	10
2029.46	2030.217	1385.717	110.4489	307.5769	111.2399	111.7467	0	52.56015	47.43985	47.43985	0	-9999	10
2029.465	2030.222	1385.722	108.5453	350.2658	109.769	110.6466	0	56.57998	43.42002	43.42002	0	-9999	10
2029.47	2030.227	1385.727	112.6614	250.5565	113.539	115.1954	0	54.52432	45.47568	45.47568	0	-9999	10
2029.475	2030.232	1385.732	111.9569	315.2774	112.8345	111.9569	0	57.31414	42.68586	42.68586	0	-9999	10
2029.48	2030.237	1385.737	111.6478	358.3941	112.8716	116.5427	0	63.99814	36.00186	36.00186	0	-9999	10
2029.485	2030.243	1385.743	112.1052	318.2873	113.9964	114.0335	0	71.4005	28.5995	28.5995	0	-9999	10
2029.49	2030.248	1385.748	112.1299	319.6318	113.5267	118.1372	0	64.85637	35.14363	35.14363	0	-9999	10
2029.495	2030.253	1385.753	117.2843	291.687	118.162	118.4957	0	69.16164	30.83836	30.83836	0	-9999	10
2029.5	2030.258	1385.758	115.6651	337.5844	116.9259	118.6687	0	73.81662	26.18338	26.18338	0	-9999	10
2029.505	2030.263	1385.763	114.7628	342.9167	115.764	118.0631	0	67.65798	32.34202	32.34202	0	-9999	10
2029.51	2030.268	1385.768	114.8987	381.4803	116.3202	118.1372	0	77.02604	22.97396	22.97396	0	-9999	10
2029.515	2030.273	1385.773	116.3078	331.1062	118.0507	115.3313	0	83.3081	16.6919	16.6919	0	-9999	10
2029.52	2030.278	1385.778	116.9506	317.9359	118.4215	117.7788	0	79.9861	20.0139	20.0139	0	-9999	10

2029.525	2030.283	1385.783	117.8035	292.9245	118.6069	120.2509	0	69.47325	30.52675	30.52675	0	-9999	10
2029.53	2030.289	1385.789	115.5168	276.3776	116.7652	118.6935	0	69.05423	30.94577	30.94577	0	-9999	10
2029.535	2030.294	1385.794	115.0347	305.0559	116.3078	120.5352	0	69.9796	30.0204	30.0204	0	-9999	10
2029.54	2030.299	1385.799	116.1472	268.2188	117.3091	117.7788	0	68.96999	31.03001	31.03001	0	-9999	10
2029.545	2030.304	1385.804	116.3202	246.8132	117.581	120.3498	0	69.65516	30.34484	30.34484	0	-9999	10
2029.55	2030.309	1385.809	114.3054	179.5102	115.01	115.8876	0	51.12864	48.87136	48.87136	0	-9999	10
2029.555	2030.314	1385.814	114.3425	151.871	114.9852	116.246	0	48.45822	51.54178	51.54178	0	-9999	10
2029.56	2030.319	1385.819	117.2102	163.9259	118.026	117.717	0	59.28656	40.71344	40.71344	0	-9999	10
2029.565	2030.324	1385.824	116.4067	226.248	117.2225	118.2608	0	61.27951	38.72049	38.72049	0	-9999	10
2029.57	2030.329	1385.829	116.8641	298.0124	118.0013	120.1026	0	72.71493	27.28507	27.28507	0	-9999	10
2029.575	2030.335	1385.835	117.5686	265.7589	118.6317	119.3857	0	71.42576	28.57424	28.57424	0	-9999	10
2029.58	2030.34	1385.84	115.4179	270.6175	115.8999	116.3944	0	56.59235	43.40765	43.40765	0	-9999	10
2029.585	2030.345	1385.845	113.8728	303.9558	115.5415	118.1372	0	72.46959	27.53041	27.53041	0	-9999	10
2029.59	2030.35	1385.85	113.1188	278.9597	114.6268	115.8876	0	66.28052	33.71948	33.71948	0	-9999	10
2029.595	2030.355	1385.855	110.7455	291.58	112.0558	114.3548	0	58.45392	41.54608	41.54608	0	-9999	10
2029.6	2030.36	1385.86	111.6849	283.1767	112.6614	111.5984	0	55.81826	44.18174	44.18174	0	-9999	10
2029.605	2030.365	1385.865	110.4489	282.1224	111.7467	112.5131	0	56.97535	43.02465	43.02465	0	-9999	10
2029.61	2030.37	1385.87	113.0817	269.7925	114.1571	116.9012	0	59.5123	40.4877	40.4877	0	-9999	10
2029.615	2030.376	1385.876	112.0187	261.71	113.3289	114.3548	0	59.51193	40.48807	40.48807	0	-9999	10
2029.62	2030.381	1385.881	112.0558	248.6619	113.2918	114.8493	0	57.73987	42.26013	42.26013	0	-9999	10
2029.625	2030.386	1385.886	112.6738	247.5924	113.4154	116.8517	0	52.53479	47.46521	47.46521	0	-9999	10
2029.63	2030.391	1385.891	108.8667	230.2358	109.596	113.4649	0	43.6312	56.3688	56.3688	0	-9999	10
2029.635	2030.396	1385.896	109.7072	214.5597	110.3747	112.1176	0	43.41378	56.58622	56.58622	0	-9999	10
2029.64	2030.401	1385.901	110.1151	187.4705	110.968	113.6503	0	44.52179	55.47821	55.47821	0	-9999	10
2029.645	2030.406	1385.906	111.8951	198.1962	112.5502	114.0829	0	46.42071	53.57929	53.57929	0	-9999	10
2029.65	2030.411	1385.911	113.6997	148.204	114.6021	116.1472	0	50.39529	49.60471	49.60471	0	-9999	10
2029.655	2030.416	1385.916	110.7455	104.5984	111.2647	112.3401	8.777884	36.17803	55.04408	51.68944	3.354643	26.87567	10
2029.66	2030.422	1385.922	108.7307	146.1873	109.2128	110.8197	0.854395	35.02745	64.11816	64.11816	0	-9999	10
2029.665	2030.427	1385.927	111.4872	205.2397	112.4266	114.0953	0	49.64699	50.35301	50.35301	0	-9999	10
2029.67	2030.432	1385.932	113.3907	194.0709	114.1694	114.429	0	51.03399	48.96601	48.96601	0	-9999	10
2029.675	2030.437	1385.937	111.5737	215.2931	112.3524	113.675	0	48.47726	51.52274	51.52274	0	-9999	10
2029.68	2030.442	1385.942	112.5873	187.2719	113.0693	113.6626	0	44.85287	55.14713	55.14713	0	-9999	10
2029.685	2030.447	1385.947	109.7814	204.4146	111.0175	112.9828	0	49.49093	50.50907	50.50907	0	-9999	10
2029.69	2030.452	1385.952	112.3895	179.2047	113.3042	112.3153	0	49.58294	50.41706	50.41706	0	-9999	10
2029.695	2030.457	1385.957	111.9692	189.747	112.5502	113.5638	0	45.05487	54.94513	54.94513	0	-9999	10
2029.7	2030.463	1385.963	107.7666	239.8614	108.7678	111.2276	0	45.20167	54.79833	54.79833	0	-9999	10
2029.705	2030.468	1385.968	107.4081	200.8852	108.1745	111.0793	0	39.49152	60.50848	60.50848	0	-9999	10
2029.71	2030.473	1385.973	106.444	213.5819	107.5441	108.5453	0	42.0393	57.9607	57.9607	0	-9999	10
2029.715	2030.478	1385.978	106.9508	231.5497	108.3599	111.5242	0	47.33918	52.66082	52.66082	0	-9999	10
2029.72	2030.483	1385.983	106.3451	274.7428	107.4699	112.031	0	46.23648	53.76352	53.76352	0	-9999	10
2029.725	2030.488	1385.988	105.5046	282.7947	107.4823	108.8296	0	53.57959	46.42041	46.42041	0	-9999	10
2029.73	2030.493	1385.993	102.4515	293.4287	103.6134	105.3933	0	41.48622	58.51378	58.51378	0	-9999	10
2029.735	2030.498	1385.998	99.34892	306.2782	100.004	100.2636	0	34.5916	65.4084	65.4084	0	-9999	10
2029.74	2030.503	1386.003	96.17221	333.3522	96.45651	93.87312	0	31.06449	68.93551	68.93551	0	-9999	10
2029.745	2030.509	1386.009	94.55296	311.473	95.08447	97.72967	0	29.60849	70.39151	70.39151	0	-9999	10
2029.75	2030.514	1386.014	95.75195	318.0887	96.22166	97.11163	0	30.73058	69.26942	69.26942	0	-9999	10
2029.755	2030.519	1386.019	96.36999	304.9336	96.91386	98.96574	0	30.81647	69.18353	69.18353	0	-9999	10
2029.76	2030.524	1386.024	94.52824	362.9013	95.17099	99.31184	0	33.65303	66.34697	66.34697	0	-9999	10
2029.765	2030.529	1386.029	95.925	347.6684	96.9633	99.18823	0	36.15805	63.84195	63.84195	0	-9999	10
2029.77	2030.534	1386.034	93.25508	356.1175	94.65184	96.32054	0	35.99499	64.00501	64.00501	0	-9999	10
2029.775	2030.539	1386.039	94.26866	323.1307	94.82489	98.23646	0	30.29124	69.70876	69.70876	0	-9999	10
2029.78	2030.544	1386.044	96.80261	285.5907	97.7173	96.48123	0	32.1424	67.8576	67.8576	0	-9999	10
2029.785	2030.549	1386.049	94.59004	295.4455	94.96086	96.62956	0	27.70314	72.29686	72.29686	0	-9999	10
2029.79	2030.555	1386.055	94.50351	330.877	95.28224	97.34648	0	32.19932	67.80068	67.80068	0	-9999	10
2029.795	2030.56	1386.06	88.26135	457.0491	89.38617	90.96835	0	37.30119	62.69881	62.69881	0	-9999	10
2029.8	2030.565	1386.065	86.65445	384.3832	87.50734	87.56914	0	30.28196	69.71804	69.71804	0	-9999	10
2029.805	2030.57	1386.07	79.55939	405.2082	78.94135	80.3752	0	24.37547	75.62453	75.62453	0	-9999	10
2029.81	2030.575	1386.075	81.03032	282.1224	81.85849	85.39366	0	20.28741	79.71259	79.71259	0	-9999	10
2029.815	2030.58	1386.08	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2030.15	2030.923	1386.423	101.6233	269.1813	101.8211	99.08935	0	31.27545	68.72455	68.72455	0	-9999	10
2030.155	2030.928	1386.428	105.7641	243.5436	107.0497	106.926	0	44.65969	55.34031	55.34031	0	-9999	10
2030.16	2030.933	1386.433	110.4365	210.7248	111.8456	112.0805	0	53.49406	46.50594	46.50594	0	-9999	10
2030.165	2030.938	1386.438	114.1942	199.8157	114.6021	114.1076	0	48.01331	51.98669	51.98669	0	-9999	10
2030.17	2030.943	1386.443	117.9889	178.3949	118.8789	122.105	0	63.79151	36.20849	36.20849	0	-9999	10
2030.175	2030.949	1386.449	117.3338	181.909	118.4339	120.2386	0	65.68245	34.31755	34.31755	0	-9999	10
2030.18	2030.954	1386.454	116.7034	133.5517	117.5934	118.5946	0	57.04495	42.95505	42.95505	0	-9999	10
2030.185	2030.959	1386.459	114.8369	164.1704	115.9617	118.0507	0	57.65232	42.34768	42.34768	0	-9999	10
2030.19	2030.964	1386.464	112.0434	198.7615	113.7863	116.3944	0	61.13318	38.86682	38.86682	0	-9999	10
2030.195	2030.969	1386.469	115.6404	145.133	116.4685	116.8517	0	53.96569	46.03431	46.03431	0	-9999	10
2030.2	2030.974	1386.474	113.366	136.4852	113.9593	114.0953	0	44.54011	55.45989	55.45989	0	-9999	10
2030.205	2030.979	1386.479	113.8851	162.0619	115.6404	116.246	0	64.21444	35.78556	35.78556	0	-9999	10
2030.21	2030.984	1386.484	114.0458	209.4108	115.5786	116.8764	0	64.58352	35.41648	35.41648	0	-9999	10
2030.215	2030.99	1386.49	113.8604	169.961	114.9482	116.9506	0	54.90888	45.09112	45.09112	0	-9999	10

2030.22	2030.995	1386.495	115.4302	133.5517	115.9617	117.1484	0	48.11629	51.88371	51.88371	0	-9999	10
2030.225	2031	1386.5	115.0718	87.65429	115.2448	115.1089	11.58049	38.90118	49.51832	43.42971	6.088617	26.24953	10
2030.23	2031.005	1386.505	114.5155	100.3204	115.2572	115.0471	4.62043	46.82106	48.55851	40.00603	8.552477	-9999	10
2030.235	2031.01	1386.51	116.3326	101.1913	116.8146	117.2102	4.749718	47.32397	47.92631	38.62619	9.300119	-9999	10
2030.24	2031.015	1386.515	114.8369	102.1844	114.8616	115.4673	9.42982	37.27126	53.29892	48.40595	4.892969	26.54754	10
2030.245	2031.02	1386.52	113.3907	106.3249	113.5143	114.5773	8.991951	36.19458	54.81347	53.97743	0.836042	26.71372	10
2030.25	2031.025	1386.525	111.6231	115.5228	112.0681	110.9309	5.90157	37.65501	56.44342	42.85595	13.58747	-9999	10
2030.255	2031.03	1386.53	115.2448	150.6639	115.8258	116.2708	0	49.57889	50.42111	50.42111	0	-9999	10
2030.26	2031.036	1386.536	114.9111	158.1811	115.3561	115.7393	0	47.29889	52.70111	52.70111	0	-9999	10
2030.265	2031.041	1386.541	111.5366	140.6105	112.1299	110.8073	0	41.03129	58.96871	58.96871	0	-9999	10
2030.27	2031.046	1386.546	112.1176	130.6182	112.3401	112.2659	3.517925	36.79675	59.68533	55.83957	3.845758	-9999	10
2030.275	2031.051	1386.551	110.659	133.2003	111.0298	107.8407	3.085386	36.18794	60.72667	57.37601	3.350662	-9999	10
2030.28	2031.056	1386.556	110.7579	112.8948	110.7084	108.6318	11.16539	30.0497	58.78491	43.44981	15.3351	27.82863	10
2030.285	2031.061	1386.561	110.5477	117.7535	110.659	109.2128	8.937576	31.91737	59.14506	53.56974	5.575314	27.76439	10
2030.29	2031.066	1386.566	109.6578	103.9415	109.769	109.6207	13.09886	29.59367	57.30748	35.34412	21.96335	27.3769	10
2030.295	2031.071	1386.571	110.35	92.49766	110.7084	109.5712	13.31552	32.75699	53.92749	42.19057	11.73692	27.19947	10
2030.3	2031.076	1386.576	110.659	118.5174	110.7579	110.5972	8.746152	32.00302	59.25083	55.37219	3.878637	27.53602	10
2030.305	2031.082	1386.582	110.4983	130.3584	110.6343	110.3747	5.741066	32.97569	61.28324	48.47805	12.80519	-9999	10
2030.31	2031.087	1386.587	110.5107	106.6764	110.659	111.6108	11.36496	31.54048	57.09456	49.44391	7.650643	27.10645	10
2030.315	2031.092	1386.592	108.9779	104.9499	109.2993	109.2869	11.85175	30.9067	57.24155	32.97818	24.26337	27.35652	10
2030.32	2031.097	1386.597	110.2264	65.72926	109.7443	108.2486	26.42129	21.21849	52.36021	38.22173	14.13848	27.92679	10
2030.325	2031.102	1386.602	112.0805	78.68565	112.031	109.9421	18.22722	29.82089	51.95189	35.59613	16.35576	27.28253	10
2030.33	2031.107	1386.607	112.3277	101.1149	112.3524	111.8333	11.99713	32.6744	55.32846	41.60282	13.72564	27.1274	10
2030.335	2031.112	1386.612	111.9321	112.0545	112.2288	112.4637	7.606145	36.14112	56.25273	47.20362	9.049114	-9999	10
2030.34	2031.117	1386.617	111.4377	125.2401	111.4995	112.5625	6.690228	33.27813	60.03164	53.04715	6.984494	-9999	10
2030.345	2031.123	1386.623	111.0545	106.8444	111.4995	112.1917	8.524834	36.00811	55.46706	48.86431	6.602748	26.97195	10
2030.35	2031.128	1386.628	112.2164	103.5595	112.6367	114.565	8.442424	37.67039	53.88718	50.66632	3.220858	26.51513	10
2030.355	2031.133	1386.633	112.8592	116.195	113.366	113.4278	4.122716	40.93401	54.94327	54.21574	0.727527	-9999	10
2030.36	2031.138	1386.638	111.9074	125.2553	112.9952	112.4389	0	47.10593	52.89407	52.89407	0	-9999	10
2030.365	2031.143	1386.643	111.3883	124.6136	112.5255	113.7492	0	46.49652	53.50348	53.50348	0	-9999	10
2030.37	2031.148	1386.648	111.4995	100.2593	111.5613	111.8333	12.67872	31.69352	55.62777	37.89016	17.7376	27.05674	10
2030.375	2031.153	1386.653	109.8308	118.5938	109.9668	110.3747	9.202193	31.12544	59.67236	42.20232	17.47005	27.49564	10
2030.38	2031.158	1386.658	109.1386	121.619	109.46	108.9408	7.669986	32.28857	60.04144	55.87614	4.165307	-9999	10
2030.385	2031.163	1386.663	109.5094	101.8024	109.7196	109.3611	12.9866	30.3158	56.6976	36.49075	20.20685	27.35855	10
2030.39	2031.169	1386.669	111.2647	122.8413	111.7962	112.2659	3.7897	38.53735	57.67295	57.67295	0	-9999	10
2030.395	2031.174	1386.674	110.1893	129.1973	111.0175	110.2387	0.941813	40.44413	58.61405	58.61405	0	-9999	10
2030.4	2031.179	1386.679	107.5317	124.6136	108.5824	108.8543	2.771682	37.50705	59.72126	59.72126	0	-9999	10
2030.405	2031.184	1386.684	107.3092	117.0354	107.8655	107.6801	8.642144	31.53195	59.82591	45.58059	14.24532	27.71647	10
2030.41	2031.189	1386.689	106.9137	125.4081	107.6059	108.3228	5.926082	32.82789	61.24603	57.43432	3.811705	-9999	10
2030.415	2031.194	1386.694	106.444	118.1202	106.7283	106.889	11.28316	27.65485	61.06199	42.40829	18.6537	27.74279	10
2030.42	2031.199	1386.699	108.3846	88.75436	108.4464	108.706	18.32862	26.16825	55.50313	29.16786	26.33526	27.3217	10
2030.425	2031.204	1386.704	109.7814	80.45799	110.2016	111.0669	16.27324	31.67702	52.04974	24.2563	27.79344	26.74642	10
2030.43	2031.21	1386.71	111.5119	104.3234	112.1546	112.4142	7.181425	39.15078	53.66779	53.66779	0	-9999	10
2030.435	2031.215	1386.715	114.3054	120.1828	114.7751	114.9358	2.114556	43.75526	54.13019	54.13019	0	-9999	10
2030.44	2031.22	1386.72	113.8728	131.1071	114.5773	117.0495	0	46.85543	53.14457	53.14457	0	-9999	10
2030.445	2031.225	1386.725	112.4019	117.6771	112.5625	111.9074	6.8671	35.64808	57.48482	46.13357	11.35125	-9999	10
2030.45	2031.23	1386.73	112.7232	115.0338	112.4142	111.3759	10.85133	30.0253	59.12338	48.02131	11.10206	27.60716	10
2030.455	2031.235	1386.735	114.6762	122.1385	114.9729	114.293	2.641264	42.20095	55.15778	53.40288	1.754907	-9999	10
2030.46	2031.24	1386.74	115.319	128.8611	115.9617	116.1224	0	49.21709	50.78291	50.78291	0	-9999	10
2030.465	2031.245	1386.745	113.1188	118.4868	113.6008	114.0087	3.520879	41.29286	55.18626	55.18626	0	-9999	10
2030.47	2031.25	1386.75	115.8629	121.3287	116.382	116.9753	0.021208	48.13013	51.84866	51.84866	0	-9999	10
2030.475	2031.256	1386.756	113.9469	119.6175	114.3919	114.1571	2.772738	42.5958	54.63146	54.63146	0	-9999	10
2030.48	2031.261	1386.761	111.4748	120.137	111.8703	110.9062	5.304581	37.07624	57.61918	54.60747	3.011711	-9999	10
2030.485	2031.266	1386.766	109.6207	114.9422	109.7814	109.5589	10.08762	30.82817	59.08421	40.18433	18.89989	27.55208	10
2030.49	2031.271	1386.771	110.8444	113.0323	111.3141	109.7937	7.029093	36.33754	56.63337	45.59014	11.04323	-9999	10
2030.495	2031.276	1386.776	111.3636	125.0262	111.9074	111.3883	3.074192	39.02706	57.89874	57.89874	0	-9999	10
2030.5	2031.281	1386.781	109.596	143.0398	110.1028	110.795	0.62845	36.55997	62.81158	62.81158	0	-9999	10
2030.505	2031.286	1386.786	110.9433	154.5142	111.6602	111.4624	0	42.31781	57.68219	57.68219	0	-9999	10
2030.51	2031.291	1386.791	110.041	129.9154	110.7332	110.3747	1.958247	38.60957	59.43218	59.43218	0	-9999	10
2030.515	2031.297	1386.797	109.0892	146.6914	109.7072	110.795	0	37.16097	62.83903	62.83903	0	-9999	10
2030.52	2031.302	1386.802	109.0892	128.7236	109.3117	111.4624	6.762519	31.61322	61.62426	61.62426	0	-9999	10
2030.525	2031.307	1386.807	108.3599	123.1163	108.4959	108.0509	9.460997	29.22407	61.31494	46.62549	14.68945	27.84896	10
2030.53	2031.312	1386.812	109.2128	142.994	109.596	109.2128	1.950027	34.52977	63.5202	63.5202	0	-9999	10
2030.535	2031.317	1386.817	106.6541	148.204	107.0249	107.3216	3.138966	30.81355	66.04748	62.35201	3.695471	-9999	10
2030.54	2031.322	1386.822	106.4934	132.2836	107.3216	105.5046	3.595116	33.9502	62.45469	59.41523	3.039455	-9999	10
2030.545	2031.327	1386.827	103.3785	187.058	104.182	104.1325	0	32.67738	67.32262	67.32262	0	-9999	10
2030.55	2031.332	1386.832	102.2784	163.1925	103.4774	104.7135	0	32.73988	67.26012	67.26012	0	-9999	10
2030.555	2031.337	1386.837	101.6604	105.7596	102.2784	101.8458	16.08884	23.45854	60.45262	41.51912	18.9335	27.90295	10
2030.56	2031.343	1386.843	103.2055	92.17681	103.5639	103.2426	19.96611	22.36803	57.66587	38.367	19.29887	27.7666	10
2030.565	2031.348	1386.848	104.8742	129.3042	104.8989	103.5639	12.03255	24.04632	63.92113	49.48956	14.43157	28.25738	10
2030.57	2031.353	1386.853	105.6776	140.4883	106.0732	106.5799	5.712971	29.14791	65.13912	60.54013	4.598996	-9999	10
2030.575	2031.358	1386.858	104.6022	144.5371	104.7506	104.6146	7.63841	25.82413	66.53746	47.97923	18.55823	-9999	10
2030.58	2031.363	1386.863	104.182	125.5456	104.1202	103.7864	14.24952	22.27354	63.47693	49.21546	14.26147	28.03232	10

2030.585	2031.368	1386.868	103.7617	135.6602	104.3427	104.7753	7.207074	27.85691	64.93602	55.76217	9.173845	-9999	10
2030.59	2031.373	1386.873	105.9125	135.9505	106.135	106.2833	7.936191	27.55938	64.50443	53.21299	11.29144	-9999	10
2030.595	2031.378	1386.878	105.5046	131.6266	105.7271	105.3068	9.357844	26.73489	63.90727	56.28503	7.622244	28.12996	10
2030.6	2031.383	1386.883	106.0979	129.2125	106.3822	104.7753	8.917215	27.92867	63.15411	53.89942	9.254698	28.28909	10
2030.605	2031.389	1386.889	104.4663	130.5876	104.8742	105.7147	9.127574	26.96116	63.91127	52.26624	11.64503	27.92517	10
2030.61	2031.394	1386.894	104.9607	151.5654	105.3562	102.8841	3.691879	28.92149	67.38663	65.78116	1.605468	-9999	10
2030.615	2031.399	1386.899	105.1337	135.7519	105.1955	104.1202	9.946029	25.11339	64.94058	52.71732	12.22325	28.31881	10
2030.62	2031.404	1386.904	103.7864	125.1637	103.7864	104.5404	14.22688	22.32885	63.44426	50.53898	12.90528	27.83072	10
2030.625	2031.409	1386.909	101.5862	134.4226	101.9818	102.2043	10.94495	23.62039	65.43465	56.21317	9.221488	28.12269	10
2030.63	2031.414	1386.914	100.8198	141.0383	101.4997	100.8322	7.845708	25.29205	66.86224	56.26359	10.59865	-9999	10
2030.635	2031.419	1386.919	101.1536	143.9871	101.512	101.1165	9.315744	23.51082	67.17344	61.01636	6.157077	28.39381	10
2030.64	2031.424	1386.924	99.97932	113.7504	100.2018	100.7086	18.7671	19.28839	61.94451	48.7271	13.2174	27.82722	10
2030.645	2031.43	1386.93	100.3131	114.2852	100.721	102.0188	16.89371	20.95783	62.14846	43.94873	18.19973	27.68209	10
2030.65	2031.435	1386.935	100.4119	111.9323	100.4367	100.3501	20.34181	18.21066	61.44753	42.1184	19.32912	27.94037	10
2030.655	2031.44	1386.94	98.23646	96.85211	98.58256	99.54669	23.50197	17.2932	59.20482	27.55264	31.65218	27.75927	10
2030.66	2031.445	1386.945	97.63078	99.48006	98.19937	98.84213	21.69891	18.2886	60.01249	37.94073	22.07177	27.80027	10
2030.665	2031.45	1386.95	95.9868	101.0538	96.08569	97.35884	26.47076	14.18814	59.34109	42.78599	16.5551	27.77145	10
2030.67	2031.455	1386.955	96.77789	114.7894	97.70494	98.03868	16.00064	20.66258	63.33678	43.49646	19.84032	27.962	10
2030.675	2031.46	1386.96	96.19694	91.59621	97.06219	99.75683	22.62684	18.13421	59.23895	44.83288	14.40607	27.45001	10
2030.68	2031.465	1386.965	97.19815	92.66573	97.61842	98.43423	24.89554	16.50944	58.59502	32.65589	25.93913	27.82262	10
2030.685	2031.47	1386.97	97.76675	122.0162	98.24882	97.43301	16.79063	19.40214	63.80723	36.69837	27.10886	28.14051	10
2030.69	2031.476	1386.976	95.70251	115.9506	96.36999	97.54425	18.72069	18.16174	63.11757	39.83902	23.27855	27.74812	10
2030.695	2031.481	1386.981	95.39349	115.7672	95.71487	96.41943	21.73164	15.94869	62.31967	36.21288	26.10679	27.7901	10
2030.7	2031.486	1386.986	98.48367	129.1514	99.28712	99.3242	11.91366	22.679	65.40734	54.41161	10.99574	28.16921	10
2030.705	2031.491	1386.991	98.58256	122.7649	99.48489	101.4502	12.60186	23.01164	64.38651	38.52354	25.86296	27.75477	10
2030.71	2031.496	1386.996	98.99046	129.7167	99.31184	100.2636	15.04664	20.06935	64.88401	42.68555	22.19847	27.86749	10
2030.715	2031.501	1387.001	99.10171	140.9619	99.7321	98.74325	9.828068	22.99723	67.1747	51.2019	15.9728	28.50283	10
2030.72	2031.506	1387.006	98.3477	112.5892	98.78033	99.83099	18.92067	19.01343	62.0659	44.48229	17.58361	27.7374	10
2030.725	2031.511	1387.011	98.79269	114.9269	99.37364	98.81741	16.79602	20.58367	62.62031	35.05047	27.56984	28.05811	10
2030.73	2031.517	1387.017	99.37364	113.5212	100.0411	101.3637	15.93114	21.69197	62.37689	47.57895	14.79794	27.70617	10
2030.735	2031.522	1387.022	97.04983	114.2241	97.3094	97.12399	21.06023	16.86903	62.07074	32.59629	29.47445	27.965	10
2030.74	2031.527	1387.027	97.14871	110.1141	97.35884	98.16229	22.34705	16.38114	61.2718	41.00019	20.27162	27.78628	10
2030.745	2031.532	1387.032	97.96452	87.99042	98.16229	96.49359	27.04623	15.51659	57.43718	37.29601	20.14117	28.35199	10
2030.75	2031.537	1387.037	97.89036	89.12105	98.31062	99.94224	25.11653	16.91302	57.97045	24.92502	33.04543	27.66907	10
2030.755	2031.542	1387.042	96.82733	95.73676	97.38357	98.31062	23.43975	17.19129	59.36896	39.20728	20.16167	27.77476	10
2030.76	2031.547	1387.047	99.50961	96.43958	99.75683	99.54669	23.19687	17.83099	58.97214	37.89019	21.08196	27.95672	10
2030.765	2031.552	1387.052	98.81741	102.3983	98.90394	97.81619	23.63702	16.53549	59.82749	45.35531	14.47217	28.15287	10
2030.77	2031.557	1387.057	98.13757	122.7343	98.36006	98.66908	18.2874	18.1696	63.54299	42.40024	21.14275	27.9027	10
2030.775	2031.563	1387.063	98.82977	110.221	99.53433	100.7086	16.94277	21.12479	61.93244	35.92307	26.00937	27.71795	10
2030.78	2031.568	1387.068	98.54547	117.509	99.11407	100.0782	16.49438	20.42154	63.08408	44.93871	18.14537	27.79576	10
2030.785	2031.573	1387.073	99.91752	89.35023	100.2513	98.89157	23.86665	18.34615	57.7872	42.62227	15.16493	28.15485	10
2030.79	2031.578	1387.078	99.386	109.7168	99.96696	101.2896	17.51101	20.85907	61.62993	50.60256	11.02737	27.66813	10
2030.795	2031.583	1387.083	98.32298	98.77723	98.53311	101.1783	24.01024	16.6408	59.34896	43.7257	15.62326	27.46424	10
2030.8	2031.588	1387.088	97.74203	98.70084	98.23646	99.01518	22.35991	17.88174	59.75835	36.55719	23.20116	27.77869	10
2030.805	2031.593	1387.093	96.69136	84.62909	97.34648	97.58134	25.48653	16.9031	57.61037	27.32774	30.28262	27.9477	10
2030.81	2031.598	1387.098	96.76553	84.73605	97.3094	97.03746	26.25458	16.31733	57.42809	41.0816	16.34649	28.06467	10
2030.815	2031.603	1387.103	98.99046	87.22649	99.18823	97.6555	26.28724	16.39021	57.32255	39.75779	17.56476	28.2888	10
2030.82	2031.609	1387.109	97.29704	90.86283	97.16107	93.86076	29.55167	13.14435	57.30398	41.15361	16.15037	28.77411	10
2030.825	2031.614	1387.114	95.15863	104.3234	95.33168	96.01152	25.86665	14.18482	59.94853	29.97373	29.9748	27.84717	10
2030.83	2031.619	1387.119	95.04739	93.46022	94.97322	91.45041	30.5138	12.04963	57.43657	34.82324	22.61332	28.81412	10
2030.835	2031.624	1387.124	91.30209	65.37785	91.24028	90.58516	40.65962	7.861746	51.47863	26.96149	24.51715	29.09504	10
2030.84	2031.629	1387.129	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2031.14	2031.936	1387.436	135.7142	56.47033	134.7624	132.2903	8.85339	66.03326	25.11335	18.26117	6.85218	20.40245	10
2031.145	2031.941	1387.441	141.326	75.96603	141.6226	144.07	0	100	0	0	0	-9999	10
2031.15	2031.946	1387.446	143.9217	73.1853	143.1924	142.4013	0	100	0	0	0	-9999	10
2031.155	2031.951	1387.451	146.023	73.24641	145.6646	145.0465	0	100	0	0	0	-9999	10
2031.16	2031.957	1387.457	147.8772	118.4868	146.6534	148.5323	0	100	0	0	0	-9999	10
2031.165	2031.962	1387.462	146.8883	85.42359	146.4928	146.6905	0	100	0	0	0	-9999	10
2031.17	2031.967	1387.467	144.3049	107.0889	143.7858	144.4038	0	100	0	0	0	-9999	10
2031.175	2031.972	1387.472	139.5831	72.03939	139.1628	138.2976	0	100	0	0	0	-9999	10
2031.18	2031.977	1387.477	136.975	59.92333	136.7772	135.022	0.989182	97.5239	1.486916	1.486916	0	-9999	10
2031.185	2031.982	1387.482	136.0479	54.65215	136.1221	135.7142	0.953684	92.1161	6.930211	6.930211	0	-9999	10
2031.19	2031.987	1387.487	136.5424	62.78046	137.0121	137.3458	0	100	0	0	0	-9999	10
2031.195	2031.992	1387.492	134.7253	74.36176	134.713	133.205	0	99.31563	0.684372	0.684372	0	-9999	10
2031.2	2031.997	1387.497	134.8242	78.50231	135.5535	135.7142	0	100	0	0	0	-9999	10
2031.205	2032.003	1387.503	137.2346	53.76598	138.4336	138.8044	0	100	0	0	0	-9999	10
2031.21	2032.008	1387.508	133.378	64.67502	132.8836	133.3286	5.472697	74.79083	19.73647	19.73647	0	-9999	10
2031.215	2032.013	1387.513	133.1679	59.64831	133.1679	132.4015	3.050657	91.10067	5.848668	5.848668	0	-9999	10
2031.22	2032.018	1387.518	135.1209	59.95388	135.022	134.2309	1.946318	96.98338	1.070303	1.070303	0	-9999	10
2031.225	2032.023	1387.523	139.3853	64.6903	140.0652	140.4113	0	100	0	0	0	-9999	10
2031.23	2032.028	1387.528	139.2123	62.81101	140.4607	141.2765	0	100	0	0	0	-9999	10
2031.235	2032.033	1387.533	134.132	58.80798	134.3051	134.5894	1.003167	97.78677	1.210063	1.210063	0	-9999	10
2031.24	2032.038	1387.538	136.8637	44.27787	137.2346	137.7908	0.395522	79.70308	19.90139	19.90139	0	-9999	10

2031.245	2032.044	1387.544	136.2457	53.68959	136.4806	137.0244	0	100	0	0	0	-9999	10
2031.25	2032.049	1387.549	136.0232	55.58416	136.2457	137.2098	0	100	0	0	0	-9999	10
2031.255	2032.054	1387.554	136.8143	63.71246	137.284	136.0479	0	100	0	0	0	-9999	10
2031.26	2032.059	1387.559	137.7166	53.85766	137.7166	138.8785	0.232322	86.96423	12.80345	12.80345	0	-9999	10
2031.265	2032.064	1387.564	135.4175	75.18682	135.4299	133.205	0	100	0	0	0	-9999	10
2031.27	2032.069	1387.569	135.6524	84.00267	135.8625	135.6029	0	100	0	0	0	-9999	10
2031.275	2032.074	1387.574	137.42	71.03099	137.2222	137.3705	0	100	0	0	0	-9999	10
2031.28	2032.079	1387.579	138.2481	73.55199	138.1987	138.1493	0	100	0	0	0	-9999	10
2031.285	2032.084	1387.584	137.9144	80.06074	138.174	139.101	0	100	0	0	0	-9999	10
2031.29	2032.09	1387.59	136.4188	78.97595	136.53	137.7784	0	100	0	0	0	-9999	10
2031.295	2032.095	1387.595	137.2469	74.9118	137.4323	138.2976	0	100	0	0	0	-9999	10
2031.3	2032.1	1387.6	138.483	77.5703	138.656	139.0269	0	100	0	0	0	-9999	10
2031.305	2032.105	1387.605	138.5942	78.79261	138.6066	137.9886	0	100	0	0	0	-9999	10
2031.31	2032.11	1387.61	138.2358	83.02482	138.7797	139.5337	0	100	0	0	0	-9999	10
2031.315	2032.115	1387.615	137.4941	89.97666	137.9268	137.8155	0	100	0	0	0	-9999	10
2031.32	2032.12	1387.62	137.7661	84.67493	137.865	136.5424	0	100	0	0	0	-9999	10
2031.325	2032.125	1387.625	135.9614	94.6978	136.2333	134.5152	0	100	0	0	0	-9999	10
2031.33	2032.13	1387.63	134.5523	85.59166	135.1827	136.9379	0	100	0	0	0	-9999	10
2031.335	2032.136	1387.636	135.8749	84.93467	136.5794	136.4806	0	100	0	0	0	-9999	10
2031.34	2032.141	1387.641	137.0862	63.34577	137.7537	137.865	0	100	0	0	0	-9999	10
2031.345	2032.146	1387.646	135.2939	60.87061	135.949	135.2198	0	100	0	0	0	-9999	10
2031.35	2032.151	1387.651	133.959	74.94236	134.7377	134.2803	0	100	0	0	0	-9999	10
2031.355	2032.156	1387.656	132.2779	81.77197	133.4398	134.0084	0	100	0	0	0	-9999	10
2031.36	2032.161	1387.661	129.4844	71.58103	130.2384	131.2396	0	98.77582	1.22418	1.22418	0	-9999	10
2031.365	2032.166	1387.666	130.6587	81.16081	131.5733	132.006	0	100	0	0	0	-9999	10
2031.37	2032.171	1387.671	129.0394	83.10122	129.3361	127.828	0	83.64779	16.35221	16.35221	0	-9999	10
2031.375	2032.177	1387.677	126.8392	106.3249	127.3336	126.8763	0	81.51061	18.48939	18.48939	0	-9999	10
2031.38	2032.182	1387.682	129.5091	133.0781	130.5969	131.3879	0	100	0	0	0	-9999	10
2031.385	2032.187	1387.687	125.5166	129.3959	126.9999	128.409	0	100	0	0	0	-9999	10
2031.39	2032.192	1387.692	126.0605	114.2852	127.3213	128.7675	0	98.98084	1.019161	1.019161	0	-9999	10
2031.395	2032.197	1387.697	123.3287	98.96058	124.2064	125.3559	0	76.43237	23.56763	23.56763	0	-9999	10
2031.4	2032.202	1387.702	123.1804	139.5715	124.4412	126.6661	0	87.37459	12.62541	12.62541	0	-9999	10
2031.405	2032.207	1387.707	121.1656	162.5203	123.1062	124.9851	0	95.14351	4.85649	4.85649	0	-9999	10
2031.41	2032.212	1387.712	118.5946	147.5012	119.9666	119.9913	0	72.34853	27.65147	27.65147	0	-9999	10
2031.415	2032.217	1387.717	116.6045	129.1667	118.1125	119.6823	0	66.72711	33.27289	33.27289	0	-9999	10
2031.42	2032.223	1387.723	114.293	102.0469	114.9358	113.8975	5.173676	44.98101	49.84532	45.17552	4.669793	-9999	10
2031.425	2032.228	1387.728	114.293	121.1301	115.2448	115.3684	0	50.7458	49.2542	49.2542	0	-9999	10
2031.43	2032.233	1387.733	109.3488	119.2508	110.4489	111.5119	2.014643	41.2403	56.74505	56.74505	0	-9999	10
2031.435	2032.238	1387.738	107.9396	80.67189	108.1127	108.3228	19.8318	26.13646	54.03173	40.21408	13.81766	27.27467	10
2031.44	2032.243	1387.743	105.1832	77.87588	105.9496	106.0608	18.44617	27.61599	53.93784	38.89034	15.0475	27.30689	10
2031.445	2032.248	1387.748	103.2426	59.87749	103.3167	104.664	29.95173	17.9303	52.11798	23.53569	28.58229	27.80168	10
2031.45	2032.253	1387.753	107.8531	53.42985	107.6924	106.308	29.09046	20.80586	50.10368	30.55353	19.55015	28.01539	10
2031.455	2032.258	1387.758	109.3982	68.54055	109.3611	111.0175	23.05423	25.19025	51.75551	25.10098	26.65453	26.97751	10
2031.46	2032.264	1387.764	110.4612	67.91412	111.1163	111.277	16.86329	34.78724	48.34946	34.36573	13.98373	26.48232	10
2031.465	2032.269	1387.769	104.1202	131.4738	105.109	107.5441	4.729137	31.60828	63.66258	62.14771	1.514867	-9999	10
2031.47	2032.274	1387.774	100.6715	183.6355	101.0918	102.711	0	26.11206	73.88794	73.88794	0	-9999	10
2031.475	2032.279	1387.779	94.76309	198.1809	92.71121	94.70129	20.76026	9.088186	70.15155	46.34881	23.80274	27.16447	10
2031.48	2032.284	1387.784	84.50368	49.97685	85.097	85.7274	45.56402	5.60696	48.82902	17.04652	31.78249	29.32626	10
2031.485	2032.289	1387.789	84.13286	47.135	84.4048	82.98331	49.08359	4.215211	46.7012	30.32377	16.37743	30.14934	10
2031.49	2032.294	1387.794	84.98575	58.04404	85.35657	84.49132	44.89258	5.66826	49.43916	21.15155	28.28761	29.43189	5
2031.495	2032.299	1387.799	82.37764	57.83014	83.47774	84.51604	41.69187	6.5973	51.71083	35.8673	15.84353	28.72489	5
2031.5	2032.304	1387.804	79.1144	26.20309	79.04024	78.63234	61.44837	0	38.55163	21.88166	16.66997	32.0504	5
2031.505	2032.31	1387.81	80.67186	37.2038	80.80782	81.17865	55.72482	1.753377	42.5218	16.59767	25.92413	30.80184	5
2031.51	2032.315	1387.815	80.01674	46.00437	79.60883	78.84247	58.4128	0.759122	40.82808	12.49339	28.33469	31.27711	5
2031.515	2032.32	1387.82	80.3134	43.52921	79.72008	79.06496	60.1758	0.216214	39.60799	23.00334	16.60464	31.64498	5
2031.52	2032.325	1387.825	77.05016	20.7944	77.00072	77.09961	64.46479	0	35.53521	24.65541	10.8798	31.29463	5
2031.525	2032.33	1387.83	77.58167	37.84551	76.82767	75.07245	65.30978	0	34.69022	14.83423	19.85599	31.18852	5
2031.53	2032.335	1387.835	77.73	31.33675	76.96364	75.50507	66.84423	0	33.15577	23.12447	10.0313	31.01575	5
2031.535	2032.34	1387.84	79.41106	39.46506	78.55817	77.09961	64.00118	0	35.99882	24.15986	11.83896	31.33674	5
2031.54	2032.345	1387.845	77.45807	31.82567	77.06252	76.08603	64.10223	0	35.89777	25.18289	10.71488	31.36478	5
2031.545	2032.351	1387.851	77.3839	38.36499	77.14905	76.12311	61.3426	0	38.6574	10.74582	27.91158	31.7518	5
2031.55	2032.356	1387.856	75.15897	31.3062	75.17133	75.72756	63.18185	0	36.81815	8.119046	28.6991	31.0703	5
2031.555	2032.361	1387.861	75.76465	36.36347	75.57924	75.20841	62.9335	0	37.0665	18.26987	18.79663	31.26419	5
2031.56	2032.366	1387.866	75.17133	20.68745	74.54093	73.5768	70.72159	0	29.27841	23.2474	6.031004	30.5587	5
2031.565	2032.371	1387.871	75.3073	20.5805	74.9612	74.34316	68.41908	0	31.58092	13.12825	18.45267	30.73641	5
2031.57	2032.376	1387.876	77.74236	23.5293	77.54459	77.68056	64.31567	0	35.68433	20.40779	15.27654	31.31357	5
2031.575	2032.381	1387.881	80.89435	35.08005	81.40114	81.8214	53.1602	2.678596	44.1612	26.97877	17.18243	30.44072	5
2031.58	2032.386	1387.886	78.54581	27.25732	78.60761	79.72008	60.6626	0.17796	39.15944	14.65775	24.50168	31.61705	5
2031.585	2032.391	1387.891	79.34926	46.6308	78.75594	78.31096	60.31222	0.177171	39.51061	14.92508	24.58553	31.51415	5
2031.59	2032.397	1387.897	79.37398	46.70719	78.73122	78.19971	60.65417	0.072115	39.27371	18.78482	20.4889	31.59519	5
2031.595	2032.402	1387.902	83.61371	41.28323	82.92151	82.55069	58.4494	0.724044	40.82655	13.74663	27.07992	31.50398	5
2031.6	2032.407	1387.907	83.144	51.36722	82.15514	81.03032	58.7403	0.432696	40.827	21.86084	18.96615	31.50243	5
2031.605	2032.412	1387.912	81.05504	37.35659	80.48645	80.58533	60.79567	0.062395	39.14193	21.44158	17.70035	31.78199	5

2031.61	2032.417	1387.917	80.67186	49.68655	80.30103	79.64592	56.63162	1.290185	42.0782	11.06778	31.01041	30.91773	5
2031.615	2032.422	1387.922	80.91907	45.98909	80.80782	79.43578	55.28726	1.787385	42.92536	21.71857	21.20679	30.90884	5
2031.62	2032.427	1387.927	78.13791	41.39018	77.82889	78.38512	60.49159	0.162492	39.34591	27.60639	11.73953	31.3913	5
2031.625	2032.432	1387.932	78.21207	45.65296	77.74236	76.74114	60.63711	0.109014	39.25387	10.22489	29.02898	31.62706	5
2031.63	2032.437	1387.937	78.38512	50.46577	78.44692	78.03902	55.19399	1.693811	43.1122	18.29835	24.81385	30.5034	5
2031.635	2032.443	1387.943	79.16385	34.51474	78.63234	78.19971	62.93591	0	37.06409	14.25457	22.80953	31.49723	5
2031.64	2032.448	1387.948	77.26029	31.58121	76.70406	75.13425	65.58868	0	34.41132	10.53334	23.87798	31.21972	5
2031.645	2032.453	1387.953	79.44814	41.48185	78.32332	76.66698	65.5865	0	34.4135	8.043583	26.36991	31.00819	5
2031.65	2032.458	1387.958	77.87833	36.51626	77.56931	77.35918	61.90989	0	38.09011	22.70567	15.38444	31.5592	5
2031.655	2032.463	1387.963	77.16141	46.98221	76.84003	76.51865	60.1325	0.257668	39.60984	15.51392	24.09591	31.31804	5
2031.66	2032.468	1387.968	77.49515	64.52224	76.90183	77.12433	57.68827	0.939533	41.37219	13.23509	28.1371	30.45766	5
2031.665	2032.473	1387.973	78.0761	57.12731	77.47043	78.92899	59.03916	0.548187	40.41265	23.55899	16.85366	30.64571	5
2031.67	2032.478	1387.978	75.6534	50.81718	74.93648	75.13425	63.65726	0	36.34274	8.421031	27.92171	30.85424	5
2031.675	2032.484	1387.984	75.70284	33.44522	75.43091	75.57924	64.36715	0	35.63285	22.42678	13.20608	30.98268	5
2031.68	2032.489	1387.989	77.65584	47.76143	77.14905	76.87711	60.92599	0.032782	39.04123	10.08632	28.95491	31.47069	5
2031.685	2032.494	1387.994	81.0674	69.68646	80.73366	80.73366	51.14035	2.855064	46.00458	24.59176	21.41282	29.63897	5
2031.69	2032.499	1387.999	81.0056	48.03645	80.82019	80.51117	55.28697	1.760557	42.95248	30.07412	12.87836	30.68018	5
2031.695	2032.504	1388.004	83.88565	71.48935	82.90915	81.25281	53.09264	2.014341	44.89302	28.74811	16.14491	30.36087	5
2031.7	2032.509	1388.009	81.71016	47.44057	81.45058	81.22809	55.35774	1.753836	42.88842	21.90072	20.9877	30.72321	5
2031.705	2032.514	1388.014	83.35414	52.94093	83.144	80.7213	52.13102	2.831217	45.03777	13.24843	31.78933	30.6262	5
2031.71	2032.519	1388.019	82.88443	58.65519	82.01918	79.72008	56.25747	1.202223	42.54031	29.41633	13.12398	31.13449	5
2031.715	2032.524	1388.024	85.22061	91.16841	83.88565	84.00925	49.88022	2.600045	47.51973	14.19177	33.32796	29.35927	5
2031.72	2032.53	1388.03	84.7509	71.12266	83.88565	83.19345	51.52319	2.556631	45.92018	32.3694	13.55079	30.01276	5
2031.725	2032.535	1388.035	88.4962	78.70093	87.44554	85.097	47.6805	3.576206	48.74329	20.50512	28.23817	29.92753	5
2031.73	2032.54	1388.04	92.97078	109.3196	91.82124	89.60867	36.92054	6.764889	56.31457	26.90083	29.41375	28.78247	5
2031.735	2032.545	1388.045	95.69015	107.9139	94.04617	90.39975	38.59072	5.213607	56.19568	20.9523	35.24338	29.40211	10
2031.74	2032.55	1388.05	96.679	89.38079	95.14627	92.71121	41.30383	4.856036	53.84014	36.11247	17.72767	29.63383	10
2031.745	2032.555	1388.055	96.12277	110.9086	94.26866	93.48993	39.09653	4.464947	56.43853	21.88392	34.55461	28.94777	10
2031.75	2032.56	1388.06	96.87678	123.2691	94.07089	92.3033	42.78786	0.553758	56.65838	33.48587	23.17251	29.58492	10
2031.755	2032.565	1388.065	98.03868	151.7793	94.63948	91.06723	39.41763	0	60.58237	27.8246	32.75777	28.66632	10
2031.76	2032.571	1388.071	105.7271	226.0188	102.9212	104.4168	9.78017	7.619107	82.60072	66.63439	15.96633	29.028	10
2031.765	2032.576	1388.076	106.7406	210.9845	106.3327	117.7911	0	27.75167	72.24833	72.24833	0	-9999	10
2031.77	2032.581	1388.081	110.4859	196.4238	112.8221	117.136	0	64.36211	35.63789	35.63789	0	-9999	10
2031.775	2032.586	1388.086	114.1818	206.8134	117.2225	120.9926	0	88.21692	11.78308	11.78308	0	-9999	10
2031.78	2032.591	1388.091	117.6675	140.9772	119.8677	122.8096	0	83.64308	16.35692	16.35692	0	-9999	10
2031.785	2032.596	1388.096	121.8455	99.52589	122.5871	123.3164	0	68.03748	31.96252	31.96252	0	-9999	10
2031.79	2032.601	1388.101	124.4288	69.70174	124.2805	124.3423	9.80719	54.70837	35.48444	33.22173	2.262713	23.49238	10
2031.795	2032.606	1388.106	125.0222	76.02715	125.2817	125.6278	4.569333	66.61844	28.81223	28.81223	0	-9999	10
2031.8	2032.611	1388.111	125.566	66.01956	125.7885	126.4436	6.778196	66.94044	26.28136	25.43537	0.845993	-9999	10
2031.805	2032.617	1388.117	124.3423	78.19673	124.5401	125.2817	5.148725	63.00428	31.84699	27.02935	4.817639	-9999	10
2031.81	2032.622	1388.122	125.0469	76.94387	125.084	125.9739	6.049064	61.42418	32.52676	25.28752	7.239239	-9999	10
2031.815	2032.627	1388.127	125.9987	81.32888	126.4189	126.7403	1.142593	74.53833	24.31908	24.31908	0	-9999	10
2031.82	2032.632	1388.132	127.3707	85.02634	127.655	128.6315	0.039281	76.55471	23.40601	23.40601	0	-9999	10
2031.825	2032.637	1388.137	130.8564	76.60774	131.0295	132.9083	0	87.4069	12.5931	12.5931	0	-9999	10
2031.83	2032.642	1388.142	131.87	67.37937	131.9071	133.1308	2.086401	86.89294	11.02066	11.02066	0	-9999	10
2031.835	2032.647	1388.147	131.8329	83.05538	131.9936	131.3632	0	91.94014	8.059856	8.059856	0	-9999	10
2031.84	2032.652	1388.152	130.1642	71.3824	130.2631	129.2866	2.208006	81.68607	16.10593	16.10593	0	-9999	10
2031.845	2032.657	1388.157	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2032.175	2032.995	1388.495	142.4632	324.2766	146.4062	152.6237	0	100	0	0	0	-9999	5
2032.18	2033	1388.5	128.4461	430.3418	123.4153	125.9121	0	0	100	100	0	-9999	5
2032.185	2033.005	1388.505	132.0183	727.5138	122.3522	110.795	0	0	100	100	0	-9999	5
2032.19	2033.011	1388.511	132.4139	480.8228	133.959	142.2283	0	100	0	0	0	-9999	5
2032.195	2033.016	1388.516	131.1036	435.7199	138.174	124.7749	0	100	0	0	0	-9999	5
2032.2	2033.021	1388.521	132.6116	435.1393	137.3829	120.3622	0	100	0	0	0	-9999	5
2032.205	2033.026	1388.526	125.1581	487.3469	125.4671	103.1313	0	96.05842	3.941582	3.941582	0	-9999	5
2032.21	2033.031	1388.531	123.2422	482.7174	116.5303	102.0188	0	0	100	100	0	-9999	5
2032.215	2033.036	1388.536	122.7972	471.7931	113.0199	103.3044	0	0	100	100	0	-9999	5
2032.22	2033.041	1388.541	122.414	416.1784	116.1101	101.5986	0	0	100	100	0	-9999	5
2032.225	2033.046	1388.546	126.0975	315.5371	126.4189	115.7887	0	88.19897	11.80103	11.80103	0	-9999	5
2032.23	2033.051	1388.551	123.0815	329.9144	119.7565	107.7048	0	5.512008	94.48799	94.48799	0	-9999	5
2032.235	2033.057	1388.557	121.042	287.2714	117.4698	110.214	0	0	100	100	0	-9999	5
2032.24	2033.062	1388.562	115.8258	288.8757	109.8185	102.6245	10.08907	0	89.91093	69.09065	20.82028	-9999	5
2032.245	2033.067	1388.567	116.209	332.0076	108.842	102.3773	9.83613	0	90.16387	55.98468	34.17919	-9999	5
2032.25	2033.072	1388.572	112.0805	372.0074	102.674	98.40951	19.76067	0	80.23933	41.29048	38.94885	-9999	5
2032.255	2033.077	1388.577	111.2647	475.1544	99.25004	93.31688	15.76253	0	84.23747	57.29516	26.94231	-9999	5
2032.26	2033.082	1388.582	105.8754	354.666	97.45773	93.00787	22.00231	0	77.99769	38.05877	39.93892	-9999	5
2032.265	2033.087	1388.587	105.6405	192.7417	100.8569	97.82855	33.24015	0	66.75985	35.50668	31.25317	17.3407	5
2032.27	2033.092	1388.592	105.2821	164.0176	101.1041	97.2476	35.82718	0	64.17282	29.05713	35.1157	21.14718	5
2032.275	2033.098	1388.598	104.5652	143.9871	101.2896	97.68022	34.34103	0	65.65897	33.52321	32.13575	28.13558	5
2032.28	2033.103	1388.603	102.4638	102.0774	100.5356	98.71852	35.97466	5.206349	58.81899	25.40279	33.4162	29.38064	5
2032.285	2033.108	1388.608	118.6811	184.5064	118.6193	117.3338	0	49.46176	50.53824	50.53824	0	-9999	5
2032.29	2033.113	1388.613	127.7415	224.7048	130.1519	133.4398	0	100	0	0	0	-9999	5
2032.295	2033.118	1388.618	127.2224	218.9447	129.7316	131.9565	0	100	0	0	0	-9999	5

2032.3	2033.123	1388.623	128.9652	170.2666	130.8688	130.8688	0	100	0	0	0	-9999	5
2032.305	2033.128	1388.628	120.4734	201.6033	121.2151	121.2151	0	70.3317	29.6683	29.6683	0	-9999	5
2032.31	2033.133	1388.633	109.5094	202.1534	107.6553	101.8334	4.699546	15.36827	79.93218	71.57802	8.354159	-9999	5
2032.315	2033.138	1388.638	104.4663	140.2438	102.2413	100.8075	27.19526	6.170323	66.63442	30.85195	35.78247	28.92195	5
2032.32	2033.144	1388.644	98.49603	75.37016	97.55662	94.72601	38.42454	8.083629	53.49183	37.12312	16.36871	29.49066	5
2032.325	2033.149	1388.649	101.3761	111.7031	99.18823	94.30574	36.65769	3.812735	59.52957	34.14448	25.38509	29.95614	5
2032.33	2033.154	1388.654	100.0164	75.56879	98.31062	96.36999	42.91707	4.074695	53.00824	30.43489	22.57334	30.04774	1
2032.335	2033.159	1388.659	100.9682	38.64	100.449	99.80627	41.78181	9.948489	48.2697	33.24437	15.02533	29.55286	1
2032.34	2033.164	1388.664	98.64436	53.18539	98.22409	96.44415	39.63338	9.862423	50.5042	34.83685	15.66735	29.43249	1
2032.345	2033.169	1388.669	99.80627	63.60551	99.06462	97.09927	38.53344	9.313372	52.15319	31.20107	20.95212	29.38544	1
2032.35	2033.174	1388.674	96.82733	62.84157	96.3329	94.86198	39.54302	8.853343	51.60364	18.98032	32.62331	29.30639	1
2032.355	2033.179	1388.679	96.98802	55.20219	96.54304	95.56654	40.86073	8.722419	50.41685	29.03147	21.38537	29.3942	1
2032.36	2033.184	1388.684	98.43423	75.09514	97.68022	96.22166	37.11102	9.150667	53.73831	24.85819	28.88012	29.08258	1
2032.365	2033.19	1388.69	96.83969	110.603	94.82489	92.25386	39.75625	3.77754	56.46621	20.05859	36.40762	29.41279	1
2032.37	2033.195	1388.695	94.36755	91.90179	93.00787	92.81009	41.47915	5.108991	53.41186	25.03203	28.37984	29.05054	1
2032.375	2033.2	1388.7	98.16229	90.817	97.82855	98.48367	30.29946	12.59029	57.11024	26.0162	31.09405	28.09396	1
2032.38	2033.205	1388.705	96.5554	80.32048	96.02388	96.17221	35.85069	9.655595	54.49371	20.32873	34.16498	28.57831	1
2032.385	2033.21	1388.71	92.99551	84.93467	93.29216	93.94728	31.59085	11.92397	56.48518	34.79867	21.68651	28.08144	1
2032.39	2033.215	1388.715	92.26622	64.32361	91.8954	91.35153	42.42263	6.941393	50.63598	24.71158	25.92439	29.29084	1
2032.395	2033.22	1388.72	91.87068	62.12347	91.74707	92.66177	41.40305	7.69313	50.90382	34.59718	16.30664	28.91128	1
2032.4	2033.225	1388.725	91.6111	61.34425	91.62346	92.66177	40.77668	8.099473	51.12385	25.94589	25.17796	28.82136	1
2032.405	2033.231	1388.731	90.14018	56.86757	90.04129	89.10188	44.07545	6.48746	49.43709	31.4779	17.95919	29.53807	1
2032.41	2033.236	1388.736	91.99429	64.84309	91.11667	88.40967	46.47472	4.590835	48.93444	15.62746	33.30699	30.18396	1
2032.415	2033.241	1388.741	90.5728	54.31602	90.84474	90.69641	41.42104	8.13162	50.44734	20.5013	29.94604	29.1372	1
2032.42	2033.246	1388.746	89.63339	43.74311	89.32437	88.29843	49.34634	4.491304	46.16235	26.53274	19.62962	30.36665	1
2032.425	2033.251	1388.751	90.17726	51.62696	90.09073	89.10188	45.21377	6.204769	48.58146	23.64014	24.94133	29.73569	1
2032.43	2033.256	1388.756	93.98436	77.23417	93.972	92.37747	34.93951	10.55407	54.50642	35.18204	19.32439	28.75752	1
2032.435	2033.261	1388.761	97.28468	43.54449	97.40829	98.11285	39.00237	11.4844	49.51322	35.70293	13.8103	28.86067	1
2032.44	2033.266	1388.766	100.4737	42.03189	100.2018	98.86685	39.49994	11.49353	49.00653	26.79691	22.20962	29.33521	1
2032.445	2033.271	1388.771	101.0918	39.1442	100.9187	100.6097	38.8638	12.52491	48.61129	31.40111	17.21017	29.04416	1
2032.45	2033.277	1388.777	98.50839	48.44897	98.18701	96.29582	40.13832	10.05974	49.80194	20.98721	28.81473	29.50891	1
2032.455	2033.282	1388.782	95.97444	49.1518	95.50473	92.11789	43.44901	7.5372	49.01379	16.76169	32.25209	30.16456	1
2032.46	2033.287	1388.787	96.14749	50.06852	96.01152	97.0251	40.48148	9.552263	49.96626	33.27483	16.69143	28.96262	1
2032.465	2033.292	1388.792	99.39836	66.35569	100.0164	101.2154	27.70564	18.19803	54.09632	21.11212	32.9842	27.76079	1
2032.47	2033.297	1388.797	99.63322	54.95773	99.86807	99.7321	33.21755	15.06707	51.71538	18.90187	32.8135	28.40065	1
2032.475	2033.302	1388.802	95.66542	39.69424	95.55418	95.71487	43.24397	8.649231	48.1068	23.27273	24.83407	29.49646	1
2032.48	2033.307	1388.807	93.11911	33.20076	92.48872	91.85832	51.18141	4.079846	44.73874	17.66339	27.07535	30.83936	1
2032.485	2033.312	1388.812	94.34283	34.57585	94.20686	93.70007	45.891	7.283663	46.82534	23.58157	23.24377	29.98877	1
2032.49	2033.318	1388.818	94.91142	30.06862	94.68893	94.70129	47.12921	6.899929	45.97086	32.15913	13.81172	30.12025	1
2032.495	2033.323	1388.823	96.06097	28.00598	95.80139	94.55296	46.85817	7.317159	45.82467	24.28729	21.53738	30.34719	1
2032.5	2033.328	1388.828	94.47879	35.93566	94.21922	94.02145	46.39479	6.831167	46.77404	21.41147	25.36258	30.00599	1
2032.505	2033.333	1388.833	94.99794	44.26259	94.62712	93.74951	44.76421	7.138556	48.09723	28.56186	19.53537	29.87031	1
2032.51	2033.338	1388.838	90.63461	41.03877	90.47392	88.75577	47.93012	5.423666	46.64621	33.3337	13.31251	30.35076	1
2032.515	2033.343	1388.843	85.77684	63.33049	84.84978	83.25525	52.944	2.13593	44.92007	18.58439	26.33567	30.56752	1
2032.52	2033.348	1388.848	84.08342	58.38017	83.79912	83.4283	50.71855	3.242738	46.03871	30.58532	15.45339	29.99106	1
2032.525	2033.353	1388.853	82.7361	39.41922	82.57541	83.06984	55.58868	1.838416	42.5729	16.98977	25.58314	30.80912	1
2032.53	2033.358	1388.858	81.7596	46.99749	80.84491	80.30103	60.49665	0	39.50335	25.30146	14.20189	31.70555	1
2032.535	2033.364	1388.864	82.37764	71.39768	80.7213	77.17377	59.77095	0	40.22905	9.879144	30.3499	31.5054	1
2032.54	2033.369	1388.869	82.39	51.24499	82.40236	83.78676	51.70412	3.000429	45.29545	22.62166	22.67379	29.83566	1
2032.545	2033.374	1388.874	80.67186	42.97917	80.63477	81.17865	55.66832	1.693615	42.63807	29.46158	13.17649	30.64889	1
2032.55	2033.379	1388.879	77.89069	35.21756	77.42098	76.01186	63.45815	0	36.54185	14.01017	22.53168	31.50172	1
2032.555	2033.384	1388.884	76.48157	30.05334	76.0613	76.16019	65.6211	0	34.3789	13.80478	20.57412	30.89288	1
2032.56	2033.389	1388.889	78.89191	46.27939	77.92777	77.63112	63.69189	0	36.30811	9.501855	26.80625	31.01136	1
2032.565	2033.394	1388.894	81.83377	98.50222	78.91663	76.81531	63.48318	0	36.51682	6.532126	29.9847	29.57708	1
2032.57	2033.399	1388.899	84.49132	98.99114	82.69902	80.95615	52.2025	1.64203	46.15547	28.24604	17.90943	29.8366	1
2032.575	2033.405	1388.905	88.42204	126.3096	88.44676	87.38373	27.89322	10.76927	61.33751	27.44867	33.88883	27.84242	1
2032.58	2033.41	1388.91	90.99307	114.2241	91.85832	93.972	21.93846	15.09076	62.97079	31.12656	31.84422	27.50301	1
2032.585	2033.415	1388.915	89.68283	91.91707	90.69641	91.27736	27.39262	13.24195	59.36543	28.58726	30.77817	27.90757	1
2032.59	2033.42	1388.92	88.71869	90.22112	89.8806	91.01779	27.5405	13.02672	59.43279	39.80123	19.63155	27.81995	1
2032.595	2033.425	1388.925	90.7953	120.2286	92.40219	94.65184	14.91956	18.73682	66.34361	54.2561	12.08752	27.78272	1
2032.6	2033.43	1388.93	89.70755	219.5253	86.62973	84.59021	28.19704	6.025015	65.77794	39.90745	25.87049	26.99081	1
2032.605	2033.435	1388.935	91.2032	156.4087	92.61232	93.58882	7.321434	20.62688	72.05169	69.88213	2.169555	-9999	1
2032.61	2033.44	1388.94	89.85588	110.496	90.9189	86.58029	22.35412	14.84034	62.80555	32.98207	29.82348	28.71198	1
2032.615	2033.445	1388.945	91.10431	114.8047	92.51344	90.77057	17.4806	17.72949	64.78992	47.81512	16.9748	28.3889	1
2032.62	2033.451	1388.951	88.7805	85.36248	90.36267	92.48872	25.40238	14.49476	60.10286	27.88414	32.21873	27.69064	1
2032.625	2033.456	1388.956	84.5284	60.64143	85.07228	85.46782	43.34363	6.179603	50.47676	32.39426	18.0825	28.98597	1
2032.63	2033.461	1388.961	83.66315	83.02482	82.64957	81.88321	50.79314	2.629389	46.57747	33.40544	13.17204	29.65692	1
2032.635	2033.466	1388.966	76.92655	25.14885	76.33324	75.48035	67.73974	0	32.26026	22.95407	9.306195	30.86107	1
2032.64	2033.471	1388.971	74.46677	16.79137	74.56566	74.00942	66.6607	0	33.3393	18.76852	14.57079	30.89272	1
2032.645	2033.476	1388.976	73.68804	17.93727	73.73749	73.05765	67.483	0	32.517	20.23956	12.27745	30.73563	1
2032.65	2033.481	1388.981	75.64104	27.92959	75.22077	73.9229	66.90834	0	33.09166	7.407858	25.6838	30.96067	1
2032.655	2033.486	1388.986	72.5385	18.51787	72.29128	72.55086	70.69917	0	29.30083	9.194283	20.10654	30.20522	1
2032.66	2033.491	1388.991	72.29128	20.48883	72.06879	71.46311	70.25805	0	29.74195	9.126744	20.61521	30.36883	1

2032.665	2033.497	1388.997	74.60274	18.41092	74.72634	73.87345	65.95208	0	34.04792	20.30873	13.73919	31.03116	1
2032.67	2033.502	1389.002	74.38024	25.36275	74.29372	72.04407	66.10296	0	33.89704	15.51749	18.37955	31.17775	1
2032.675	2033.507	1389.007	76.02422	31.74928	76.33324	74.14539	59.9795	0.242966	39.77753	13.80868	25.96885	31.87235	1
2032.68	2033.512	1389.012	76.23435	29.24356	76.61754	75.86353	59.81779	0.294908	39.88731	19.62062	20.26669	31.63984	1
2032.685	2033.517	1389.017	75.3073	33.84247	75.34438	74.09595	62.24002	0	37.75998	17.33782	20.42216	31.52222	1
2032.69	2033.522	1389.022	79.63356	32.84935	79.62119	80.46172	58.88338	0.726968	40.38965	21.36803	19.02162	31.27638	1
2032.695	2033.527	1389.027	80.90671	40.10677	80.68422	79.43578	57.58431	1.096903	41.31879	17.59814	23.72065	31.36525	1
2032.7	2033.532	1389.032	82.85971	21.26804	83.18108	81.98209	56.13152	2.057143	41.81134	31.24163	10.56971	31.5114	1
2032.705	2033.538	1389.038	84.44188	27.25732	84.24411	84.02161	57.24993	1.541519	41.20855	21.55892	19.64963	31.50701	1
2032.71	2033.543	1389.043	81.71016	25.71417	81.56183	82.7979	59.75337	0.587901	39.65872	22.57063	17.08809	31.59906	1
2032.715	2033.548	1389.048	79.3369	17.81504	78.81775	79.13913	66.72223	0	33.27777	8.11211	25.16566	31.04791	1
2032.72	2033.553	1389.053	78.80539	23.69737	78.86719	78.79303	61.2853	0.02046	38.69424	20.23958	18.45466	32.02728	1
2032.725	2033.558	1389.058	80.33812	17.54003	80.42464	80.01674	61.17368	0.179504	38.64682	12.89079	25.75603	32.25638	1
2032.73	2033.563	1389.063	79.58411	24.7516	79.22565	80.06618	63.5708	0	36.4292	19.58649	16.84271	31.4079	1
2032.735	2033.568	1389.068	80.20215	33.78136	79.25037	79.53467	65.4152	0	34.5848	11.61751	22.96729	30.85924	1
2032.74	2033.573	1389.073	86.64209	244.1242	79.32454	77.77945	57.92227	0	42.07773	25.78068	16.29705	23.4192	1
2032.745	2033.578	1389.078	89.07715	259.6015	82.25403	80.59769	48.10465	0	51.89535	15.97165	35.9237	23.4126	1
2032.75	2033.584	1389.084	82.98331	62.13875	81.6978	80.64714	58.58052	0.304701	41.11477	22.34075	18.77403	31.25553	1
2032.755	2033.589	1389.089	78.26151	20.47355	79.04024	80.07854	57.00968	1.312734	41.67758	18.55303	23.12456	31.08175	1
2032.76	2033.594	1389.094	83.30469	78.93011	82.01918	81.83377	54.22134	1.504701	44.27395	21.43609	22.83787	30.0903	1
2032.765	2033.599	1389.099	79.80661	65.25562	78.65706	78.3604	59.69506	0.228967	40.07597	20.67264	19.40333	31.03656	1
2032.77	2033.604	1389.104	75.96242	23.11678	76.02422	76.91419	64.04134	0	35.95866	6.430096	29.52857	31.06071	1
2032.775	2033.609	1389.109	75.80173	23.91127	76.09839	77.56931	62.17679	0	37.82321	11.46097	26.36224	31.23283	1
2032.78	2033.614	1389.114	74.57802	22.76536	75.12189	75.98714	61.664	0	38.336	13.19801	25.13799	31.27593	1
2032.785	2033.619	1389.119	74.87467	24.73633	75.33202	75.82645	61.58467	0	38.41533	16.04852	22.36681	31.37551	1
2032.79	2033.625	1389.125	74.78815	20.67217	75.19605	75.90061	63.03098	0	36.96902	20.30773	16.66129	31.14681	1
2032.795	2033.63	1389.13	73.28014	20.25965	73.81165	75.3691	63.56022	0	36.43978	21.22777	15.21201	30.7055	1
2032.8	2033.635	1389.135	71.06757	23.14733	71.37659	72.47669	66.62129	0	33.37871	24.35763	9.021081	30.17685	1
2032.805	2033.64	1389.14	70.75855	19.72489	70.51134	69.78205	72.04462	0	27.95538	18.8408	9.114572	30.2035	1
2032.81	2033.645	1389.145	72.27892	45.71407	71.09229	69.68317	71.63697	0	28.36303	19.02776	9.335266	30.4392	1
2032.815	2033.65	1389.15	71.35187	32.19236	70.73383	69.90566	71.35552	0	28.64448	17.71029	10.9342	30.30704	1
2032.82	2033.655	1389.155	76.88947	146.5845	73.20597	70.48661	62.33535	0.379499	37.28516	18.14555	19.13961	30.03456	1
2032.825	2033.66	1389.16	71.50019	42.68888	70.63494	69.67081	70.59481	0	29.40519	18.95306	10.45213	30.38866	1
2032.83	2033.665	1389.165	70.68439	24.38491	70.46189	68.99097	70.79354	0	29.20646	5.116393	24.09007	30.38734	1
2032.835	2033.671	1389.171	74.78815	25.13357	74.82523	75.14661	64.82519	0	35.17481	9.693908	25.4809	30.90393	1
2032.84	2033.676	1389.176	77.69292	27.28788	78.12555	79.3987	58.566	0.753784	40.68022	11.45197	29.22825	31.14967	1
2032.845	2033.681	1389.181	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2033.175	2034.017	1389.517	113.3289	84.85828	113.6256	107.3216	12.90261	36.95119	50.1462	29.90643	20.23978	27.56453	7
2033.18	2034.022	1389.522	113.9222	69.90036	114.6021	114.8369	13.0069	42.48813	44.50496	36.20314	8.301821	25.67624	7
2033.185	2034.027	1389.527	113.8357	64.38473	114.256	113.5885	16.433	38.28801	45.27899	17.969	27.30999	26.06846	7
2033.19	2034.031	1389.531	109.7937	69.48784	110.1646	110.1893	19.29983	30.39711	50.30305	34.37429	15.92876	26.84634	7
2033.195	2034.036	1389.536	104.8	71.22962	104.5404	105.1214	28.35814	17.59237	54.04949	22.70442	31.34507	27.88922	7
2033.2	2034.041	1389.541	106.9879	84.7666	106.5429	105.7394	24.5063	19.14879	56.3449	28.68948	27.65542	27.97473	7
2033.205	2034.046	1389.546	107.5441	93.9797	107.4823	108.3723	18.79533	24.13345	57.07122	27.66574	29.40548	27.35832	7
2033.21	2034.051	1389.551	108.9038	74.17842	109.3364	110.3623	18.50451	29.91716	51.57833	39.27352	12.30481	26.77862	7
2033.215	2034.056	1389.556	110.9927	83.63598	111.277	112.7974	15.44348	32.3965	52.16002	32.46843	19.69159	26.52937	7
2033.22	2034.061	1389.561	106.3822	69.04475	106.8642	109.6825	21.68354	26.1464	52.17006	21.63335	30.53672	26.76864	7
2033.225	2034.066	1389.566	105.9619	84.94995	107.0867	110.6714	13.23975	32.74816	54.0121	47.2686	6.743493	26.51055	7
2033.23	2034.071	1389.571	104.8247	72.66582	105.1955	106.0114	23.10225	23.19644	53.70131	28.00764	25.69367	27.39066	7
2033.235	2034.076	1389.576	103.8729	94.82003	104.3674	107.5688	17.65861	24.51427	57.82712	34.53698	23.29014	27.02029	7
2033.24	2034.08	1389.58	106.5429	74.14786	107.2227	108.4217	18.76802	28.65244	52.57954	23.37409	29.20545	26.94068	7
2033.245	2034.085	1389.585	109.1881	154.4225	111.1905	111.0793	0	53.80174	46.19826	46.19826	0	-9999	7
2033.25	2034.09	1389.59	105.8877	198.4254	109.8555	111.7467	0	69.82872	30.17128	30.17128	0	-9999	7
2033.255	2034.095	1389.595	103.5516	209.808	106.8519	112.8345	0	56.98049	43.01951	43.01951	0	-9999	7
2033.26	2034.1	1389.6	109.5218	414.6505	109.3735	94.80017	0	47.51547	52.48453	52.48453	0	-9999	7
2033.265	2034.105	1389.605	106.9755	446.6289	111.5366	89.75699	0	97.27416	2.72584	2.72584	0	-9999	7
2033.27	2034.11	1389.61	105.4304	435.888	108.397	99.23767	0	73.75761	26.24239	26.24239	0	-9999	7
2033.275	2034.115	1389.615	111.2523	226.8744	115.5291	122.1297	0	96.11291	3.887086	3.887086	0	-9999	7
2033.28	2034.12	1389.62	117.0618	127.2874	118.335	121.796	0	64.102	35.898	35.898	0	-9999	7
2033.285	2034.124	1389.624	113.6997	138.9604	116.0977	117.0495	0	71.72639	28.27361	28.27361	0	-9999	7
2033.29	2034.129	1389.629	112.6985	85.88195	113.3165	113.2053	10.74415	40.02978	49.22607	44.1524	5.073671	26.3199	7
2033.295	2034.134	1389.634	112.8963	49.06012	112.4019	112.2535	28.0947	23.47598	48.42932	23.72291	24.70641	27.38377	7
2033.3	2034.139	1389.639	111.2647	47.79199	111.2647	111.5242	26.07085	27.027	46.90215	34.69428	12.20787	26.96116	7
2033.305	2034.144	1389.644	111.3759	61.19147	110.8073	110.3253	27.13243	21.3643	51.50328	19.58991	31.91337	27.68778	7
2033.31	2034.149	1389.649	110.3376	61.19147	110.1151	107.6677	25.40538	23.96369	50.63093	37.12424	13.50669	27.79865	7
2033.315	2034.154	1389.654	110.9927	86.3556	110.5972	108.397	20.0541	24.57788	55.36803	35.89924	19.46878	27.77469	7
2033.32	2034.159	1389.659	106.4934	79.98435	106.4069	106.9508	23.34041	21.63678	55.02282	28.80389	26.21893	27.53128	7
2033.325	2034.164	1389.664	100.585	65.72926	100.4243	99.99168	32.80067	13.95794	53.24139	31.90332	21.33807	28.45926	7
2033.33	2034.169	1389.669	97.87799	54.7591	97.68022	96.59248	38.23327	10.77429	50.99243	35.06929	15.92315	29.10363	7
2033.335	2034.173	1389.673	93.972	43.97229	93.83604	92.25386	43.95821	7.680032	48.36175	20.83935	27.5224	29.84971	7
2033.34	2034.178	1389.678	93.48993	42.13884	93.16856	93.00787	46.28235	6.351774	47.36588	17.38257	29.98331	29.90953	7
2033.345	2034.183	1389.683	94.39227	73.84228	93.218	91.8954	44.38987	4.794169	50.81596	18.33683	32.47914	29.71872	7
2033.35	2034.188	1389.688	97.63078	43.55977	97.11163	96.51831	43.66164	7.92292	48.41544	29.89843	18.51701	29.73899	7

2033.355	2034.193	1389.693	98.74325	55.61471	98.48367	98.13757	37.70916	11.1078	51.18304	24.20591	26.97713	28.92216	7
2033.36	2034.198	1389.698	97.0251	84.21657	96.86441	94.72601	31.60184	12.34895	56.04921	23.8809	32.16831	28.66089	7
2033.365	2034.203	1389.703	100.0164	71.19906	99.79391	100.3131	32.47906	13.4187	54.10224	35.91389	18.18835	28.2712	7
2033.37	2034.208	1389.708	101.2525	77.09666	101.512	100.758	26.17862	18.37539	55.44598	26.91501	28.53098	28.04232	7
2033.375	2034.213	1389.713	107.3216	153.078	106.2091	100.9805	12.84087	17.81341	69.34572	45.16155	24.18417	29.37478	7
2033.38	2034.217	1389.717	103.6257	164.8885	102.3773	100.3378	14.43668	14.95197	70.61135	45.38419	25.22716	28.73825	7
2033.385	2034.222	1389.722	99.16351	113.0323	98.5702	98.43423	26.01394	13.17514	60.81092	44.47182	16.3391	28.06631	7
2033.39	2034.227	1389.727	101.4255	105.561	101.5862	100.0782	19.89741	19.74968	60.35291	41.27729	19.07562	28.12329	7
2033.395	2034.232	1389.732	110.5477	183.0091	109.6825	107.1856	0.713575	25.25959	74.02683	74.02683	0	-9999	7
2033.4	2034.237	1389.737	103.6999	122.9941	103.2302	100.004	18.47176	18.28286	63.24538	50.37042	12.87496	28.57285	7
2033.405	2034.242	1389.742	105.8877	142.1689	107.1609	105.7765	0	37.92096	62.07904	62.07904	0	-9999	7
2033.41	2034.247	1389.747	107.7171	104.0026	109.6949	112.4389	0.404305	46.48171	53.11399	53.11399	0	-9999	7
2033.415	2034.252	1389.752	112.1052	109.1821	111.9816	111.3265	11.39911	30.99818	57.6027	42.93981	14.6629	27.37102	7
2033.42	2034.257	1389.757	107.4946	89.05994	106.8519	106.889	24.5338	18.08133	57.38487	38.57865	18.80622	27.90684	7
2033.425	2034.262	1389.762	106.6418	76.36328	105.9619	105.8507	28.67843	16.04578	55.27579	36.31028	18.9655	28.14948	7
2033.43	2034.266	1389.766	105.245	89.48774	104.936	104.9113	23.91347	18.86079	57.22575	27.47784	29.74791	27.85047	7
2033.435	2034.271	1389.771	97.90272	106.6458	97.33412	95.55418	28.52782	12.06381	59.40837	24.4741	34.93427	28.43164	7
2033.44	2034.276	1389.776	96.24638	116.9742	95.05975	94.47879	32.34195	8.398416	59.25964	36.92694	22.33269	28.32189	7
2033.445	2034.281	1389.781	94.97322	92.71156	94.8867	96.56776	30.85901	11.88301	57.25799	26.20084	31.05715	27.84786	7
2033.45	2034.286	1389.786	94.04617	82.44423	93.77423	95.07211	35.63353	9.643332	54.72314	35.09083	19.63231	28.24286	7
2033.455	2034.291	1389.791	90.58516	59.90805	90.60988	90.53572	41.97231	7.457187	50.5705	32.05433	18.51617	29.12245	7
2033.46	2034.296	1389.796	87.90288	57.43289	87.47026	87.53206	48.58344	4.173298	47.24327	15.78488	31.45839	29.81337	7
2033.465	2034.301	1389.801	87.81636	40.58041	87.58151	87.28485	51.20861	3.720449	45.07094	32.49586	12.57508	30.46333	7
2033.47	2034.306	1389.806	90.01657	36.74544	90.37503	91.87068	45.51429	6.967185	47.51853	15.78935	31.72917	29.44016	7
2033.475	2034.31	1389.81	92.40219	63.33049	92.05609	91.27736	42.34628	7.059797	50.59392	24.42116	26.17276	29.32839	7
2033.48	2034.315	1389.815	92.21678	76.56191	92.11789	90.53572	37.39895	8.981945	53.61911	34.72147	18.89764	28.89199	7
2033.485	2034.32	1389.82	90.64697	80.91635	90.09073	88.68161	41.33384	6.463915	52.20225	34.86558	17.33667	29.11273	7
2033.49	2034.325	1389.825	97.72967	152.0543	96.35762	94.9485	23.92489	10.36324	65.71188	30.55686	35.15502	28.1804	7
2033.495	2034.33	1389.83	92.37747	126.279	90.70877	85.39366	37.38562	5.442269	57.17211	25.58474	31.58737	29.19174	7
2033.5	2034.335	1389.835	89.4727	104.1706	86.83986	83.65079	52.8803	0	47.1197	12.70651	34.41319	30.32027	7
2033.505	2034.34	1389.84	91.92012	92.61989	88.85466	85.90045	56.7768	0	43.2232	23.44814	19.77506	28.09329	7
2033.51	2034.345	1389.845	90.56044	123.7733	90.06601	80.3752	30.56308	9.573706	59.86321	37.85499	22.00822	29.57124	7
2033.515	2034.35	1389.85	91.93248	101.2524	92.37747	86.96347	27.47039	12.97852	59.55109	42.3322	17.21889	28.94936	7
2033.52	2034.355	1389.855	93.46521	116.3173	92.5258	87.91525	33.1437	8.402034	58.45427	27.20137	31.2529	28.94498	7
2033.525	2034.359	1389.859	90.49864	86.61533	88.34787	86.14766	52.44879	0.467803	47.08341	22.21821	24.8652	30.65995	7
2033.53	2034.364	1389.864	90.93126	67.47104	89.57158	88.13774	50.55277	2.369764	47.07747	24.0644	23.01306	30.45117	7
2033.535	2034.369	1389.869	88.1501	67.04323	87.70511	86.44432	46.12609	4.879635	48.99427	21.60697	27.38731	29.63647	7
2033.54	2034.374	1389.874	87.82872	52.72703	86.90167	86.50612	53.62231	2.053441	44.32425	30.40346	13.92078	30.722	7
2033.545	2034.379	1389.879	87.96469	36.97462	87.42082	86.14766	54.33964	2.412882	43.24748	28.61679	14.63069	31.21237	7
2033.55	2034.384	1389.884	86.92639	55.18691	85.94989	84.25647	54.24035	1.765946	43.9937	24.2203	19.77341	30.97662	7
2033.555	2034.389	1389.889	84.38008	64.70558	83.144	81.48766	56.29115	0.920102	42.78875	27.82683	14.96193	31.00759	7
2033.56	2034.394	1389.894	81.58655	53.55208	82.05626	78.59525	48.34053	4.115038	47.54443	16.06107	31.48336	30.21733	7
2033.565	2034.399	1389.899	78.34804	88.37239	77.61876	69.90566	52.18563	2.445615	45.36876	20.00825	25.36051	30.66864	7
2033.57	2034.403	1389.903	76.53101	57.53984	75.38146	73.15653	64.57583	0	35.42417	7.712548	27.71163	31.06129	7
2033.575	2034.408	1389.908	78.44692	49.68655	78.83011	76.32088	52.83502	2.414236	44.75075	30.08597	14.66477	30.54847	7
2033.58	2034.413	1389.913	81.33934	49.59488	81.66072	81.37642	50.67516	3.338099	45.98674	27.08011	18.90663	29.9761	7
2033.585	2034.418	1389.918	82.85971	62.71934	83.0204	83.37886	47.34565	4.384875	48.26948	28.02529	20.24419	29.29944	7
2033.59	2034.423	1389.923	82.85971	46.96693	82.36528	81.68544	56.2349	1.443117	42.32198	30.35611	11.96587	31.00818	7
2033.595	2034.428	1389.928	84.49132	50.98525	83.44066	79.63356	58.07218	0.568695	41.35912	26.92166	14.43746	31.95116	7
2033.6	2034.433	1389.933	85.71503	33.33827	84.93631	82.7979	59.10943	0.567392	40.32317	14.72381	25.59937	32.18864	7
2033.605	2034.438	1389.938	86.33307	28.38795	86.29599	86.12294	53.99108	2.931123	43.0778	25.43574	17.64206	30.98258	7
2033.61	2034.443	1389.943	85.48018	34.10221	85.12172	84.76326	55.88357	1.891616	42.22481	27.80745	14.41736	31.22715	7
2033.615	2034.448	1389.948	85.76448	33.18548	85.59143	85.75212	54.40693	2.550084	43.04298	21.3608	21.68218	30.90132	7
2033.62	2034.452	1389.952	83.7744	48.83094	83.7744	83.78676	51.11046	3.340566	45.54897	25.72531	19.82366	30.09787	7
2033.625	2034.457	1389.957	82.19223	58.44129	81.62363	79.47287	54.64696	1.809789	43.54325	15.55462	27.98863	30.78635	7
2033.63	2034.462	1389.962	82.83498	59.35801	81.71016	77.82889	58.14458	0.523519	41.3319	12.72898	28.60292	31.72697	7
2033.635	2034.467	1389.967	84.76326	53.73543	83.78676	83.18108	56.58169	1.048708	42.3696	17.30554	25.06406	31.06264	7
2033.64	2034.472	1389.972	84.33063	45.08764	84.04634	83.4283	53.70791	2.436311	43.85578	17.61818	26.2376	30.68748	7
2033.645	2034.477	1389.977	85.88809	45.3321	85.51726	84.66437	52.88646	2.765188	44.34835	24.1269	20.22145	30.6749	7
2033.65	2034.482	1389.982	86.96347	46.05021	86.44432	85.80156	52.87288	2.724358	44.40277	19.08403	25.31874	30.67939	7
2033.655	2034.487	1389.987	87.84108	39.20532	87.37137	86.98819	53.33875	2.782868	43.87838	29.60656	14.27182	30.84079	7
2033.66	2034.492	1389.992	87.54442	41.20684	86.79042	86.04877	55.33061	1.790534	42.87885	16.83158	26.04727	31.21356	7
2033.665	2034.496	1389.996	85.91281	42.58193	85.70267	85.7274	52.28392	3.122498	44.59358	15.23942	29.35417	30.4575	7
2033.67	2034.501	1390.001	86.32071	59.06772	86.04877	85.02283	48.39806	4.195335	47.4066	21.80429	25.60231	29.8906	7
2033.675	2034.506	1390.006	87.38373	76.57718	86.1353	83.60135	50.75065	2.417038	46.83231	14.28594	32.54637	30.32065	7
2033.68	2034.511	1390.011	89.69519	101.2524	89.31201	86.06114	35.94701	8.106083	55.94691	23.9473	31.99961	28.78513	7
2033.685	2034.516	1390.016	86.38251	105.561	84.09578	79.08968	52.70452	0.839448	46.45603	14.48825	31.96778	30.56972	7
2033.69	2034.521	1390.021	88.87938	90.22112	90.05365	92.40219	27.29687	13.1984	59.50473	36.0098	23.49493	27.58606	7
2033.695	2034.526	1390.026	92.77301	84.43047	92.67413	93.83604	34.98302	9.846252	55.17073	31.84124	23.32949	28.16793	7
2033.7	2034.531	1390.031	91.64819	99.7398	91.80888	92.62468	30.30129	11.38176	58.31694	23.00575	35.3112	27.8664	7
2033.705	2034.536	1390.036	89.79408	105.9124	90.01657	93.35397	30.03432	10.93364	59.03204	29.23482	29.79721	27.29513	7
2033.71	2034.541	1390.041	89.55922	136.1644	90.59752	89.00299	16.6069	16.24117	67.15193	47.64673	19.50521	28.25067	7
2033.715	2034.545	1390.045	93.44049	213.3833	93.5641	92.88426	1.438039	20.05534	78.50662	78.50662	0	-9999	7

2033.72	2034.55	1390.05	98.82977	308.1269	96.22166	89.26256	0	14.1654	85.8346	85.8346	0	-9999	7
2033.725	2034.555	1390.055	99.55905	281.6794	98.66908	99.84335	0	22.92451	77.07549	77.07549	0	-9999	7
2033.73	2034.56	1390.06	102.2784	332.1299	101.1412	91.42569	0	26.2707	73.7293	73.7293	0	-9999	7
2033.735	2034.565	1390.065	94.52824	246.6451	90.18962	81.28989	26.97018	2.211214	70.81861	33.49621	37.3224	28.64341	7
2033.74	2034.57	1390.07	86.83986	124.2469	84.02161	79.28745	51.88098	0.489899	47.62912	13.76458	33.86454	30.15799	7
2033.745	2034.575	1390.075	89.39853	134.1323	87.77928	82.29111	37.84257	5.47432	56.68311	21.17488	35.50824	28.92847	7
2033.75	2034.58	1390.08	100.9929	202.7492	102.0683	106.2709	0	32.62284	67.37716	67.37716	0	-9999	7
2033.755	2034.585	1390.085	104.7011	307.8366	105.0596	101.8581	0	38.8	61.2	61.2	0	-9999	7
2033.76	2034.589	1390.089	106.5799	281.8933	106.2709	108.2981	0	33.2853	66.7147	66.7147	0	-9999	7
2033.765	2034.594	1390.094	107.9644	306.2018	112.1423	114.256	0	86.76675	13.23325	13.23325	0	-9999	7
2033.77	2034.599	1390.099	104.0336	338.3178	108.5329	109.8061	0	79.04083	20.95917	20.95917	0	-9999	7
2033.775	2034.604	1390.104	107.1856	240.1517	111.3512	116.7528	0	79.33013	20.66987	20.66987	0	-9999	7
2033.78	2034.609	1390.109	101.4626	335.2926	105.9248	89.44798	0	70.75151	29.24849	29.24849	0	-9999	7
2033.785	2034.614	1390.114	101.4502	303.8489	104.0336	97.12399	0	52.17636	47.82364	47.82364	0	-9999	7
2033.79	2034.619	1390.119	104.7382	214.9723	108.8172	102.8965	0	68.52094	31.47906	31.47906	0	-9999	7
2033.795	2034.624	1390.124	101.6604	200.1519	105.1337	103.9348	0	53.26078	46.73922	46.73922	0	-9999	7
2033.8	2034.629	1390.129	101.7345	133.8726	103.2673	106.2586	2.128398	32.6181	65.2535	65.2535	0	-9999	7
2033.805	2034.634	1390.134	101.475	137.2186	103.0077	104.1078	1.557463	32.43672	66.00582	66.00582	0	-9999	7
2033.81	2034.638	1390.138	100.7828	124.0483	100.721	99.2624	17.73914	18.76523	63.49563	46.20111	17.29452	28.21419	7
2033.815	2034.643	1390.143	99.20059	139.3882	98.02632	96.25874	24.1041	11.34106	64.55484	32.92353	31.63131	28.34698	7
2033.82	2034.648	1390.148	98.53311	101.1454	98.11285	96.95094	28.12939	13.02056	58.85005	40.39481	18.45524	28.3103	7
2033.825	2034.653	1390.153	94.16978	87.5015	93.34161	92.32803	38.60675	7.305286	54.08796	26.76575	27.32221	28.9016	7
2033.83	2034.658	1390.158	89.08951	82.47479	87.55678	86.1971	49.95741	2.235373	47.80722	14.92564	32.88157	30.03793	7
2033.835	2034.663	1390.163	87.84108	65.17922	86.4196	84.23175	54.42934	1.168665	44.402	28.89589	15.50611	31.02765	7
2033.84	2034.668	1390.168	92.69885	105.8971	91.31445	89.02771	39.81907	5.391739	54.78919	20.97122	33.81798	29.03084	7
2033.845	2034.673	1390.173	94.6024	161.1452	91.63583	85.4431	36.95962	2.361913	60.67847	26.14499	34.53348	29.2634	7
2033.85	2034.678	1390.178	96.48123	169.2887	92.81009	89.8188	38.7207	0	61.2793	25.28257	35.99673	28.27055	7
2033.855	2034.682	1390.182	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2034.15	2034.971	1390.471	100.4985	52.91037	100.6344	99.90515	33.68335	15.08765	51.22901	34.32593	16.90308	28.52796	7
2034.155	2034.976	1390.476	101.8952	49.22819	101.6233	101.2278	36.45067	13.20621	50.34312	32.56227	17.78086	28.78289	7
2034.16	2034.981	1390.481	106.1597	74.45344	106.0361	104.8494	25.27332	20.52042	54.20627	33.6588	20.54746	27.9326	7
2034.165	2034.986	1390.486	111.9692	93.16993	111.5737	109.6083	17.50665	26.37626	56.11709	38.31339	17.8037	27.63321	7
2034.17	2034.991	1390.491	114.0211	83.84988	114.1447	113.9593	13.85095	35.86289	50.28616	34.27325	16.01291	26.4302	7
2034.175	2034.996	1390.496	114.0087	82.30672	113.8233	113.4896	16.63066	31.50066	51.86869	34.32183	17.54686	26.75152	7
2034.18	2035.001	1390.501	114.8864	69.42672	115.1212	114.3301	15.68316	38.18796	46.12888	35.02595	11.10293	26.07972	7
2034.185	2035.005	1390.505	118.2485	109.5182	119.2373	119.1261	0	61.68111	38.31889	38.31889	0	-9999	7
2034.19	2035.01	1390.51	114.1818	97.81467	114.6391	112.7232	7.737155	41.80139	50.46146	45.20829	5.253169	-9999	7
2034.195	2035.015	1390.515	109.2869	57.00508	109.8432	110.3994	21.34997	30.76775	47.88228	18.50646	29.37582	26.65418	7
2034.2	2035.02	1390.52	107.9025	61.58871	107.9891	108.7184	25.15462	23.91446	50.93092	38.07589	12.85503	27.26448	7
2034.205	2035.025	1390.525	107.8284	65.17922	107.7542	107.2474	25.59929	22.43451	51.9662	23.75081	28.21539	27.62692	7
2034.21	2035.03	1390.53	106.753	60.5192	106.7036	107.5194	27.52478	20.99237	51.48285	19.47221	32.01064	27.54586	7
2034.215	2035.035	1390.535	107.9273	75.96603	107.7666	107.7789	23.56848	22.42067	54.01085	30.87856	23.1323	27.53494	7
2034.22	2035.04	1390.54	109.8432	84.35408	110.3994	110.5725	14.21978	33.59862	52.1816	36.67666	15.50494	26.7877	7
2034.225	2035.045	1390.545	107.4576	69.2281	107.4946	107.1609	24.09846	23.32883	52.57272	32.26194	20.31078	27.5235	7
2034.23	2035.05	1390.55	108.0385	66.26402	108.397	109.0892	21.7906	27.21928	50.99012	19.94532	31.0448	27.00335	7
2034.235	2035.054	1390.554	107.5935	55.69111	108.0632	108.4711	23.89647	26.96006	49.14347	33.68008	15.46339	27.06341	7
2034.24	2035.059	1390.559	107.2845	60.99284	107.3463	108.0385	26.059	22.7863	51.15469	21.2685	29.8862	27.38769	7
2034.245	2035.064	1390.564	105.6776	60.87061	105.6282	105.0967	28.42909	19.71222	51.8587	21.75165	30.10705	27.92973	7
2034.25	2035.069	1390.569	105.9496	70.09899	105.5293	105.1955	28.81951	17.29663	53.88386	26.54616	27.3377	28.08683	7
2034.255	2035.074	1390.574	108.6813	100.6871	108.2857	107.4576	18.71242	22.62577	58.66182	41.69958	16.96224	27.78934	7
2034.26	2035.079	1390.579	108.9285	110.7252	108.261	107.8531	18.16325	20.78073	61.05602	46.37197	14.68405	27.90271	7
2034.265	2035.084	1390.584	110.4118	128.9834	109.7567	109.7567	12.28436	23.79054	63.9251	43.87097	20.05413	27.93687	7
2034.27	2035.089	1390.589	107.1238	101.451	106.4316	105.245	22.2595	18.0839	59.65661	43.47247	16.18413	28.14218	7
2034.275	2035.094	1390.594	105.1832	104.6137	104.355	103.156	24.33326	15.36309	60.30366	39.92725	20.37641	28.30348	7
2034.28	2035.098	1390.598	102.9088	76.95915	102.4144	101.03	30.5316	14.28803	55.18036	30.81118	24.36919	28.51305	7
2034.285	2035.103	1390.603	101.1289	58.86909	101.1165	100.5356	32.81092	15.04238	52.1467	29.61862	22.52808	28.44063	7
2034.29	2035.108	1390.608	99.20059	66.03483	98.87921	97.51953	35.24571	11.76761	52.98667	27.14011	25.84657	28.85494	7
2034.295	2035.113	1390.613	98.80505	71.44352	98.85449	98.47131	31.42684	14.19638	54.37677	25.25538	29.12139	28.32706	7
2034.3	2035.118	1390.618	98.81741	78.97595	98.45895	97.87799	32.75388	12.11651	55.12962	22.17514	32.95448	28.4912	7
2034.305	2035.123	1390.623	97.40829	99.17448	96.79025	96.48123	31.17393	10.95812	57.86795	33.64648	24.22147	28.28765	7
2034.31	2035.128	1390.628	95.09683	64.01804	94.70129	93.972	40.08401	8.402984	51.513	26.34273	25.17027	29.15079	7
2034.315	2035.133	1390.633	95.39349	53.79654	95.10919	95.02267	41.42253	8.485358	50.09211	29.4984	20.59371	29.23682	7
2034.32	2035.138	1390.638	93.6259	59.98444	93.46521	93.48993	40.59328	8.421223	50.9855	35.11242	15.87307	29.03948	7
2034.325	2035.143	1390.643	94.24394	48.28091	94.45407	93.78659	39.98307	9.916244	50.10069	29.16726	20.93343	29.16965	7
2034.33	2035.147	1390.647	97.08691	43.30003	97.51953	97.29704	36.84859	13.15035	50.00106	28.73691	21.26414	28.76668	7
2034.335	2035.152	1390.652	96.53067	40.33595	96.91386	97.81619	38.46081	12.16131	49.37787	31.11609	18.26178	28.74144	7
2034.34	2035.157	1390.657	97.12399	39.84703	97.09927	97.32176	41.19454	10.22516	48.5803	22.04953	26.53078	29.21354	7
2034.345	2035.162	1390.662	95.22044	42.44442	94.9485	94.35519	44.23315	7.673738	48.09311	31.5628	16.53031	29.73903	7
2034.35	2035.167	1390.667	94.89906	37.12741	94.41699	93.2798	47.44407	6.022162	46.53377	25.24065	21.29313	30.33829	7
2034.355	2035.172	1390.672	94.51588	39.05253	94.29338	92.73593	45.319	7.254306	47.42669	26.07733	21.34936	30.06647	7
2034.36	2035.177	1390.677	95.59126	42.61248	95.12155	94.16978	45.38406	6.863911	47.75203	17.25563	30.4964	29.98663	7
2034.365	2035.182	1390.682	97.50717	54.94245	96.86441	95.41821	41.9787	7.889184	50.13211	18.20105	31.93106	29.63261	7
2034.37	2035.187	1390.687	98.79269	64.27778	98.16229	96.95094	38.44108	9.404731	52.15419	34.54543	17.60875	29.17851	7

2034.375	2035.191	1390.691	100.4985	79.2968	99.65794	98.45895	34.86569	10.1672	54.96711	39.10061	15.8665	28.87	7
2034.38	2035.196	1390.696	100.8693	72.54359	100.1771	99.37364	35.00926	10.96683	54.02391	22.97973	31.04418	28.7979	7
2034.385	2035.201	1390.701	101.03	62.44432	100.9435	98.76797	32.61146	14.65906	52.72948	33.55028	19.17921	28.73626	7
2034.39	2035.206	1390.706	101.4255	74.25481	100.6715	97.55662	34.56239	11.04308	54.39453	29.87866	24.51588	29.20323	7
2034.395	2035.211	1390.711	100.2142	59.66359	100.14	99.6703	33.93915	13.81892	52.24193	32.34609	19.89584	28.54115	7
2034.4	2035.216	1390.716	99.81863	51.52001	99.64558	99.386	37.04016	12.25738	50.70246	35.91196	14.79049	28.82084	7
2034.405	2035.221	1390.721	98.76797	61.7415	98.6938	99.01518	34.7668	12.71808	52.51512	20.33807	32.17705	28.4759	7
2034.41	2035.226	1390.726	98.82977	58.21211	98.82977	99.05226	34.98928	13.00669	52.00403	33.91362	18.09041	28.50907	7
2034.415	2035.231	1390.731	98.53311	63.19298	98.43423	98.94102	34.8232	12.46702	52.70978	37.00493	15.70486	28.44745	7
2034.42	2035.236	1390.736	97.6555	63.59023	97.60606	97.85327	35.15129	12.09672	52.75199	21.61886	31.13313	28.51636	7
2034.425	2035.24	1390.74	96.83969	55.82862	96.93858	97.68022	36.63059	11.80494	51.56447	22.09569	29.46878	28.56341	7
2034.43	2035.245	1390.745	96.95094	50.93941	97.00038	96.46887	38.09462	11.2741	50.63128	26.37022	24.26106	28.96034	7
2034.435	2035.25	1390.75	96.18457	40.68736	96.51831	97.49481	39.07737	11.60251	49.32013	25.42144	23.89869	28.7981	7
2034.44	2035.255	1390.755	95.97444	41.72631	96.14749	96.17221	40.26461	10.58997	49.14542	15.94475	33.20067	29.11351	7
2034.445	2035.26	1390.76	95.38113	45.98909	95.48001	96.39471	40.35364	10.01288	49.63348	32.53504	17.09844	28.94325	7
2034.45	2035.265	1390.765	94.98558	45.60712	95.18336	96.3329	40.04361	10.22329	49.7331	29.41792	20.31518	28.85926	7
2034.455	2035.27	1390.77	94.65184	51.64224	94.86198	95.44293	38.79436	10.44514	50.7605	27.64607	23.11443	28.80195	7
2034.46	2035.275	1390.775	94.07089	55.46193	94.21922	94.9485	38.88345	9.958866	51.15769	20.55691	30.60078	28.75985	7
2034.465	2035.28	1390.78	93.19328	59.35801	93.18092	94.14505	39.99334	8.830042	51.17662	36.18627	14.99035	28.79232	7
2034.47	2035.284	1390.784	92.83482	57.67735	92.73593	92.32803	41.40042	8.078011	50.52157	36.33112	14.19046	29.19773	7
2034.475	2035.289	1390.789	91.78415	51.10748	92.09317	93.34161	40.79568	8.863331	50.34099	26.0877	24.25329	28.84669	7
2034.48	2035.294	1390.794	90.68405	46.14188	91.19084	92.68649	41.47672	8.67327	49.85001	30.9673	18.88271	28.89242	7
2034.485	2035.299	1390.799	90.18962	49.12124	90.68405	91.49986	41.30638	8.49043	50.20319	19.62121	30.58198	28.96725	7
2034.49	2035.304	1390.804	90.49864	65.1945	90.70877	88.23662	39.33566	8.554798	52.10954	23.34133	28.76822	29.25359	7
2034.495	2035.309	1390.809	91.38861	60.44281	91.32681	91.24028	41.7743	7.578268	50.64743	18.01711	32.63032	29.11504	7
2034.5	2035.314	1390.814	91.09195	53.64375	91.40097	90.20198	40.81872	8.578227	50.60305	26.35782	24.24523	29.26833	7
2034.505	2035.319	1390.819	91.94484	57.67735	92.16734	90.56044	39.7285	9.015717	51.25578	18.85263	32.40315	29.22248	7
2034.51	2035.324	1390.824	91.265	70.64902	91.22792	88.95355	39.22652	8.304888	52.46859	23.27196	29.19663	29.18214	7
2034.515	2035.329	1390.829	91.9572	74.71317	92.57524	84.99811	32.529	12.01437	55.45663	34.44464	21.01199	29.67982	7
2034.52	2035.333	1390.833	90.60988	73.00195	90.75821	87.40846	37.82289	8.883959	53.29316	21.11025	32.18291	29.22528	7
2034.525	2035.338	1390.838	91.41333	57.92181	91.265	89.65811	43.0322	7.040652	49.92714	17.62346	32.30368	29.55657	7
2034.53	2035.343	1390.843	92.21678	54.1174	91.77179	90.88182	45.5128	5.890864	48.59634	22.32139	26.27494	29.79502	7
2034.535	2035.348	1390.848	91.27736	51.79502	90.83238	90.36267	46.93907	5.264339	47.79659	30.70363	17.09296	29.89148	7
2034.54	2035.353	1390.853	92.21678	62.65823	91.87068	92.1797	42.67955	6.914898	50.40555	18.33026	32.07529	29.15439	7
2034.545	2035.358	1390.858	93.39105	77.28001	93.19328	94.2563	36.9112	9.264333	53.82446	33.43035	20.39411	28.38625	7
2034.55	2035.363	1390.863	92.48872	63.60551	92.22914	92.25386	41.52956	7.523912	50.94653	33.43155	17.51498	29.08043	7
2034.555	2035.368	1390.868	92.41455	69.74758	92.38983	91.01779	38.29129	8.984066	52.72464	35.62722	17.09743	28.97274	7
2034.56	2035.373	1390.873	92.84718	62.09291	92.57524	92.32803	41.66162	7.566803	50.77158	31.42261	19.34897	29.16824	7
2034.565	2035.377	1390.877	91.57402	64.6903	91.51222	91.24028	40.57583	7.972066	51.45211	18.62897	32.82314	28.99672	7
2034.57	2035.382	1390.882	91.57402	62.13875	91.69763	91.77179	39.75637	8.629927	51.61371	36.58898	15.02473	28.87291	7
2034.575	2035.387	1390.887	90.84474	60.27474	90.62225	91.11667	43.56068	6.57078	49.86854	24.82335	25.04519	29.18865	7
2034.58	2035.392	1390.892	91.56166	73.46032	91.21556	93.36633	40.66815	7.299697	52.03215	22.01107	30.02108	28.48735	7
2034.585	2035.397	1390.897	91.80888	73.41448	91.42569	89.78172	40.7392	7.260531	52.00027	23.89892	28.10135	29.20546	7
2034.59	2035.402	1390.902	90.53572	76.53135	90.25142	90.70877	40.38985	7.248089	52.36206	19.51264	32.84942	28.70493	7
2034.595	2035.407	1390.907	89.70755	77.73837	89.13896	89.58394	43.06297	5.787409	51.14962	20.5481	30.60153	28.92235	7
2034.6	2035.412	1390.912	90.39975	88.09738	90.15254	91.31445	37.42858	8.114731	54.45669	30.98248	23.47421	28.21802	7
2034.605	2035.417	1390.917	90.99307	87.05842	91.05487	91.94484	34.73926	9.68637	55.57437	27.60374	27.97063	28.12419	7
2034.61	2035.422	1390.922	91.99429	70.72542	91.85832	90.65933	39.30346	8.288993	52.40755	23.81167	28.59588	29.01222	7
2034.615	2035.426	1390.926	93.68771	47.47113	93.76187	94.07089	41.74452	8.779196	49.47628	32.38563	17.09065	29.18371	7
2034.62	2035.431	1390.931	95.08447	69.25865	95.17099	96.79025	35.09112	11.29791	53.61097	32.98119	20.62977	28.20998	7
2034.625	2035.436	1390.936	96.77789	72.20746	96.79025	98.17465	33.39434	12.35791	54.24775	22.52029	31.72745	28.13605	7
2034.63	2035.441	1390.941	94.86198	75.23265	94.59004	94.39227	36.62818	9.659417	53.7124	36.97649	16.73591	28.64982	7
2034.635	2035.446	1390.946	95.35641	60.96228	95.50473	95.88792	36.36969	11.27384	52.35648	21.57093	30.78555	28.57726	7
2034.64	2035.451	1390.951	96.86441	60.42753	96.66664	96.56776	37.79401	10.41181	51.79418	23.16542	28.62876	28.83717	7
2034.645	2035.456	1390.956	95.88792	51.3825	95.94972	96.15985	38.86957	10.55305	50.57738	35.3892	15.18818	28.89439	7
2034.65	2035.461	1390.961	97.96452	52.26866	97.76675	98.64436	38.75636	10.67156	50.57208	17.82975	32.74233	28.79245	7
2034.655	2035.466	1390.966	99.05226	66.66126	98.44659	97.68022	37.43388	9.892027	52.67409	33.6061	19.068	28.9855	7
2034.66	2035.47	1390.97	97.80383	75.47711	97.3094	96.56776	35.58684	10.33728	54.07588	19.33893	34.73695	28.74632	7
2034.665	2035.475	1390.975	98.61964	87.25704	98.27354	98.74325	30.83601	12.60721	56.55678	36.90452	19.65227	28.15181	7
2034.67	2035.48	1390.98	97.53189	61.80262	97.68022	97.17343	34.16488	13.07248	52.76265	26.56805	26.19459	28.55845	7
2034.675	2035.485	1390.985	96.65428	49.45737	96.48123	96.54304	40.45052	9.662674	49.88681	18.95753	30.92928	29.12716	7
2034.68	2035.49	1390.99	95.81375	48.87678	95.46765	94.91142	42.70545	8.090074	49.20448	22.16386	27.04062	29.51487	7
2034.685	2035.495	1390.995	96.3329	40.1526	96.50595	97.55662	40.31566	10.769	48.91534	17.25955	31.65578	28.93384	7
2034.69	2035.5	1391	92.31567	31.68816	92.41455	93.19328	46.63469	6.928985	46.43633	18.48615	27.95018	29.8073	7
2034.695	2035.505	1391.005	89.95477	22.0167	90.07837	90.58516	50.95562	4.95455	44.08983	29.88632	14.20351	30.54324	7
2034.7	2035.51	1391.01	90.26378	28.34211	90.09073	89.83116	51.43967	4.319613	44.24072	19.50431	24.73641	30.71503	7
2034.705	2035.515	1391.015	91.63583	37.73856	91.82124	91.92012	45.12538	7.300674	47.57395	31.70076	15.87319	29.66389	7
2034.71	2035.519	1391.019	92.06845	45.6224	92.38983	93.11911	41.76572	8.742658	49.49162	17.05939	32.43223	29.08868	7
2034.715	2035.524	1391.024	89.13896	32.03958	88.99063	89.50978	51.38813	4.097126	44.51474	21.18464	23.33011	30.48238	7
2034.72	2035.529	1391.029	86.38251	23.16261	86.24655	86.01169	55.97649	2.261226	41.76229	30.74671	11.01558	31.40542	7
2034.725	2035.534	1391.034	86.14766	19.03734	85.82628	85.39366	58.6278	1.256554	40.11564	18.32798	21.78766	31.99334	7
2034.73	2035.539	1391.039	86.23419	14.95791	86.17238	85.24533	57.52371	1.895729	40.58056	23.17969	17.40087	31.92725	7
2034.735	2035.544	1391.044	85.90045	15.93575	85.91281	86.34543	57.01934	2.064012	40.91665	27.49137	13.42528	31.5529	7

2034.74	2035.549	1391.049	87.04999	18.02895	87.18596	86.85222	54.49725	3.179384	42.32337	12.7088	29.61457	31.25072	7
2034.745	2035.554	1391.054	90.2267	16.10382	90.09073	89.75699	54.14806	3.628021	42.22392	16.14758	26.07634	31.32197	7
2034.75	2035.559	1391.059	94.67657	14.25509	94.50351	94.45407	50.78897	5.937831	43.2732	22.05434	21.21886	30.8022	7
2034.755	2035.563	1391.063	98.78033	17.00527	99.01518	99.71974	43.18671	11.69715	45.11615	20.09647	25.01968	29.39713	7
2034.76	2035.568	1391.068	99.69502	16.05798	99.69502	100.1524	44.39455	10.91631	44.68914	33.2518	11.43734	29.64333	7
2034.765	2035.573	1391.073	99.6085	23.75848	99.80627	100.0164	41.0779	12.6868	46.2353	30.74714	15.48815	29.17645	7
2034.77	2035.578	1391.078	98.65672	29.36579	98.66908	98.6938	42.0335	10.9912	46.9753	23.25742	23.71789	29.37322	7
2034.775	2035.583	1391.083	97.82855	26.14197	97.95216	97.70494	42.71342	10.76583	46.52075	29.07916	17.4416	29.51565	7
2034.78	2035.588	1391.088	96.40707	33.65913	96.82733	97.08691	39.90294	11.81854	48.27852	20.45734	27.82118	29.03379	7
2034.785	2035.593	1391.093	96.80261	43.83478	96.59248	94.70129	41.96211	9.176544	48.86135	22.27337	26.58798	29.69581	7
2034.79	2035.598	1391.098	100.7086	65.95844	101.339	102.983	26.50056	19.73172	53.76771	30.44819	23.31953	27.54046	7
2034.795	2035.603	1391.103	102.6492	61.9554	103.1684	103.8359	26.54608	20.9432	52.51072	22.23191	30.27882	27.61945	7
2034.8	2035.608	1391.108	104.0707	64.41529	104.7382	104.9978	23.49347	24.209	52.29753	26.2044	26.09313	27.42379	7
2034.805	2035.612	1391.112	105.554	42.79583	105.9496	105.7023	29.46826	22.38322	48.14852	18.23072	29.9178	27.70065	7
2034.81	2035.617	1391.117	106.3327	51.48945	106.2957	106.5552	30.00082	19.98026	50.01891	19.00257	31.01634	27.80162	7
2034.815	2035.622	1391.122	106.9137	86.61533	107.6677	109.9668	14.83496	30.82616	54.33888	46.44017	7.898713	26.73737	7
2034.82	2035.627	1391.127	102.2908	76.74525	102.5133	102.9953	25.59581	19.19312	55.21107	22.71929	32.49178	27.74223	7
2034.825	2035.632	1391.132	101.648	67.86829	101.7222	100.4985	29.48492	16.79232	53.72275	25.69968	28.02307	28.29373	7
2034.83	2035.637	1391.137	102.7481	47.22667	103.1437	104.7876	30.97741	19.08333	49.93925	19.90094	30.03832	27.70064	7
2034.835	2035.642	1391.142	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2035.14	2035.94	1391.44	112.9457	93.35327	112.6491	110.8568	15.79754	29.05881	55.14365	34.86351	20.28014	27.38126	7
2035.145	2035.945	1391.445	112.6367	93.99498	112.5255	110.523	14.4896	30.98233	54.52807	37.20803	17.32004	27.31636	7
2035.15	2035.95	1391.45	114.3548	85.19441	114.4414	114.565	13.50592	36.07596	50.41812	34.65618	15.76194	26.35106	7
2035.155	2035.955	1391.455	111.9198	109.014	112.921	114.3672	2.892958	44.91143	52.19561	52.19561	0	-9999	7
2035.16	2035.96	1391.46	112.7232	104.6137	112.9952	114.7875	8.8706	36.79195	54.33745	37.65182	16.68563	26.51687	7
2035.165	2035.965	1391.465	110.968	102.1538	110.7455	112.4142	14.91252	27.61992	57.46756	46.30058	11.16697	27.01618	7
2035.17	2035.97	1391.47	109.1881	73.49087	108.8296	108.0756	24.54026	21.79401	53.66573	32.94044	20.72528	27.70162	7
2035.175	2035.975	1391.475	107.0744	76.94387	105.8507	104.4168	32.35493	11.466	56.17907	26.41134	29.76773	28.89585	7
2035.18	2035.979	1391.479	105.5293	86.90563	104.4415	102.3526	30.31191	12.22997	57.45811	38.20899	19.24913	28.8157	7
2035.185	2035.984	1391.484	106.6418	75.52295	105.6653	102.8965	31.18089	13.28644	55.53267	28.56299	26.96968	28.93218	7
2035.19	2035.989	1391.489	105.9001	68.6475	105.2203	101.784	31.22797	14.83726	53.93477	23.25534	30.67943	28.92841	7
2035.195	2035.994	1391.494	109.0521	125.3012	107.1856	104.1572	23.81433	9.840293	66.34537	48.64526	17.70012	29.19284	7
2035.2	2035.999	1391.499	108.7925	108.5251	107.8284	103.2178	21.11987	17.47654	61.40359	29.34544	32.05815	28.85828	7
2035.205	2036.004	1391.504	108.6689	115.0033	107.643	104.7258	20.14485	17.18406	62.67109	46.12439	16.5467	28.59826	7
2035.21	2036.009	1391.509	109.8185	126.1415	108.2734	108.1003	20.41523	13.54803	66.03674	47.82481	18.21193	28.43145	7
2035.215	2036.014	1391.514	108.4959	108.9223	107.8655	103.8359	18.71018	20.57707	60.71275	49.22842	11.48434	28.55703	7
2035.22	2036.019	1391.519	106.5676	84.56798	105.3192	102.2908	31.16773	11.40367	57.4286	38.96503	18.46357	29.11897	7
2035.225	2036.024	1391.524	108.0014	111.3058	106.4316	104.5157	25.86872	11.18228	62.949	34.57688	28.37212	28.83426	7
2035.23	2036.028	1391.528	107.5812	95.62981	107.2351	105.7641	20.56519	21.49207	57.94274	42.75432	15.18842	27.9413	7
2035.235	2036.033	1391.533	108.1127	95.14089	107.371	105.8012	23.25998	18.14544	58.59458	37.13843	21.45615	28.19318	7
2035.24	2036.038	1391.538	107.1362	91.79484	106.6788	105.4551	22.7648	19.66508	57.57012	25.92392	31.6462	28.00425	7
2035.245	2036.043	1391.543	107.1856	75.09514	106.7283	105.3686	26.76064	18.59099	54.64837	40.91619	13.73218	28.12068	7
2035.25	2036.048	1391.548	109.8679	87.47095	109.324	109.4106	21.96857	21.57374	56.45769	26.85855	29.59914	27.59251	7
2035.255	2036.053	1391.553	108.3228	96.13401	107.4328	106.6665	23.97587	16.95009	59.07404	26.11076	32.96328	28.14366	7
2035.26	2036.058	1391.558	105.3439	89.57942	104.5652	103.3538	27.44054	14.90243	57.65703	34.0978	23.55924	28.37029	7
2035.265	2036.063	1391.563	108.2363	95.79787	107.5317	108.4464	22.69988	18.67985	58.62027	29.21486	29.40541	27.69565	7
2035.27	2036.068	1391.568	107.5812	95.26312	107.1115	107.4946	21.61189	20.26202	58.1261	42.12052	16.00557	27.67687	7
2035.275	2036.072	1391.572	106.7283	99.64812	105.8754	104.7258	24.30504	16.11116	59.5838	28.27231	31.3115	28.26064	7
2035.28	2036.077	1391.577	105.7147	90.22112	104.9731	103.2549	26.65671	15.5848	57.75849	27.28493	30.47356	28.40663	7
2035.285	2036.082	1391.582	105.8259	92.28376	105.1585	104.664	25.48043	16.47428	58.04529	33.59466	24.45063	28.1031	7
2035.29	2036.087	1391.587	106.1844	93.67413	105.381	103.5639	25.86793	15.68177	58.4503	39.99669	18.45361	28.41478	7
2035.295	2036.092	1391.592	103.8977	84.79716	103.1066	102.1177	30.02415	13.30542	56.67043	25.21991	31.45052	28.48444	7
2035.3	2036.097	1391.597	105.3439	110.0071	104.3056	101.3637	24.50874	14.07398	61.41727	44.51339	16.90389	28.70823	7
2035.305	2036.102	1391.602	104.8618	97.0049	104.5157	103.6257	22.73423	18.6562	58.60957	41.80312	16.80645	28.01398	7
2035.31	2036.107	1391.607	102.7852	87.47095	101.9941	102.6245	30.40057	12.64286	56.95657	33.45394	23.50263	28.20802	7
2035.315	2036.112	1391.612	99.64558	90.29752	98.64436	97.48245	34.23352	9.347738	56.41874	36.5772	19.84155	28.78176	7
2035.32	2036.117	1391.617	103.2426	124.6442	101.2648	98.50839	30.18027	6.621135	63.1986	25.71275	37.48585	29.1296	7
2035.325	2036.121	1391.621	100.9311	96.39375	99.6703	98.48367	33.58726	8.755562	57.65717	26.22149	31.43569	28.81697	7
2035.33	2036.126	1391.626	94.62712	52.80342	94.6024	94.89906	40.35621	9.276393	50.3674	27.93623	22.43117	29.01353	7
2035.335	2036.131	1391.631	93.05731	42.87222	92.55052	91.06723	47.93982	5.280708	46.77947	32.73588	14.0436	30.36545	7
2035.34	2036.136	1391.636	94.30574	65.54591	94.15741	92.10553	38.52615	9.287263	52.18658	24.4958	27.69078	29.18948	7
2035.345	2036.141	1391.641	94.36755	54.48409	94.67657	94.67657	37.60182	10.94076	51.45743	18.03387	33.42356	28.76787	7
2035.35	2036.146	1391.646	93.39105	63.468	93.83604	95.09683	35.27233	11.49812	53.22955	19.13613	34.09342	28.28758	7
2035.355	2036.151	1391.651	94.12033	64.09443	94.10797	92.88426	37.99424	9.75814	52.24762	35.55161	16.69601	28.98663	7
2035.36	2036.156	1391.656	95.28224	60.74838	95.22044	95.91264	38.11821	10.07017	51.81162	35.33416	16.47746	28.68368	7
2035.365	2036.161	1391.661	96.2711	57.41761	96.39471	95.52946	36.57757	11.60324	51.81919	21.0537	30.76549	28.83921	7
2035.37	2036.165	1391.665	96.54304	69.24338	96.71609	97.29704	33.08237	12.90224	54.01539	38.06908	15.94631	28.25331	7
2035.375	2036.17	1391.67	96.01152	72.02411	96.15985	99.13879	33.09001	12.52527	54.38471	32.42118	21.96353	27.80266	7
2035.38	2036.175	1391.675	97.19815	63.48328	97.22288	99.2624	35.02315	12.1711	52.80574	23.73719	29.06855	28.15897	7
2035.385	2036.18	1391.68	96.81497	69.07531	97.19815	99.27476	31.24434	14.35088	54.40479	25.00946	29.39532	27.84471	7
2035.39	2036.185	1391.685	97.33412	63.48328	97.12399	96.87678	36.71818	10.88573	52.39609	30.87417	21.52193	28.75163	7
2035.395	2036.19	1391.69	97.47009	48.1434	97.3094	96.79025	39.92216	10.24394	49.8339	30.88434	18.94956	29.17875	7
2035.4	2036.195	1391.695	97.58134	50.11436	97.39593	98.55783	39.53443	10.31267	50.1529	18.33489	31.81801	28.82158	7

2035.405	2036.2	1391.7	97.03746	54.1174	96.59248	95.43057	41.07777	8.681364	50.24087	19.7928	30.44807	29.43275	7
2035.41	2036.205	1391.705	97.04983	45.37794	96.98802	97.33412	40.21168	10.3235	49.46483	21.40129	28.06354	29.04897	7
2035.415	2036.21	1391.71	95.70251	45.66824	95.56654	95.50473	41.95573	8.943394	49.10087	20.00979	29.09108	29.32273	7
2035.42	2036.214	1391.714	94.50351	47.15028	94.49115	94.91142	41.74219	8.874232	49.38357	20.31042	29.07315	29.17466	7
2035.425	2036.219	1391.719	94.75073	48.61704	94.78781	94.80017	40.77662	9.402748	49.82063	34.63826	15.18237	29.1326	7
2035.43	2036.224	1391.724	93.1562	50.20603	93.11911	93.24272	42.43383	8.069072	49.4971	34.38564	15.11146	29.26599	7
2035.435	2036.229	1391.729	92.64941	42.15412	92.59996	92.43927	44.94443	7.150116	47.90545	33.63257	14.27288	29.67573	7
2035.44	2036.234	1391.734	92.03137	40.96238	92.00665	92.46399	45.60984	6.808104	47.58206	31.25611	16.32595	29.64271	7
2035.445	2036.239	1391.739	92.31567	44.1862	92.45163	91.42569	43.32278	7.945638	48.73159	16.16482	32.56677	29.60412	7
2035.45	2036.244	1391.744	92.13025	46.75303	92.20442	92.66177	43.35116	7.713724	48.93512	24.1651	24.77002	29.3116	7
2035.455	2036.249	1391.749	92.64941	47.07388	92.84718	93.972	41.83794	8.652659	49.5094	26.47777	23.03163	29.01828	7
2035.46	2036.254	1391.754	93.11911	39.9387	93.10675	93.53938	44.76105	7.471774	47.76718	17.44375	30.32343	29.56745	7
2035.465	2036.258	1391.758	93.58882	47.37946	93.53938	93.16856	42.81564	8.094577	49.08978	18.71192	30.37786	29.43106	7
2035.47	2036.263	1391.763	92.95842	41.89438	93.19328	93.6259	42.51969	8.692437	48.78787	31.93251	16.85536	29.26342	7
2035.475	2036.268	1391.768	92.08081	41.4513	91.88304	92.51344	46.78717	6.08191	47.13092	30.06995	17.06097	29.77363	7
2035.48	2036.273	1391.773	90.7953	53.81182	90.90654	91.1414	42.58371	7.539513	49.87678	21.65557	28.22121	29.17309	7
2035.485	2036.278	1391.778	91.45041	90.32808	90.8571	90.95598	38.60442	7.30813	54.08745	23.28584	30.80162	28.52349	7
2035.49	2036.283	1391.783	90.62225	115.7825	89.67047	86.77806	35.98444	7.182664	56.8329	31.00561	25.8273	28.60682	7
2035.495	2036.288	1391.788	93.61354	115.1408	94.15741	95.48001	21.79646	15.65796	62.54558	32.43233	30.11324	27.62709	7
2035.5	2036.293	1391.793	95.99916	90.67949	96.65428	97.29704	24.65916	16.65867	58.68216	34.23204	24.45013	27.81685	7
2035.505	2036.298	1391.798	95.67778	91.36703	96.51831	95.8632	23.35151	17.46592	59.18256	36.74132	22.44125	28.04182	7
2035.51	2036.303	1391.803	91.1414	80.94691	90.93126	90.04129	38.18929	8.176581	53.63413	35.4416	18.19253	28.73942	7
2035.515	2036.307	1391.807	90.2267	108.8765	88.01413	84.91159	47.79075	1.703452	50.5058	30.82927	19.67654	29.82752	7
2035.52	2036.312	1391.812	95.12155	113.7963	94.6642	91.1414	28.49392	11.45503	60.05105	29.75016	30.3009	28.61749	7
2035.525	2036.317	1391.817	95.91264	89.27384	96.32054	97.51953	26.99485	15.074	57.93116	35.1556	22.77555	27.7768	7
2035.53	2036.322	1391.822	91.12904	54.8355	91.35153	93.03259	41.16678	8.299391	50.53383	18.19775	32.33609	28.75428	7
2035.535	2036.327	1391.827	86.67917	38.9303	86.83986	87.8658	49.58869	4.494373	45.91694	21.05462	24.86232	29.93685	7
2035.54	2036.332	1391.832	84.19466	54.13267	84.19466	83.20581	49.4408	3.869262	46.68994	22.21554	24.4744	29.97729	7
2035.545	2036.337	1391.837	85.29477	59.52608	84.78798	84.00925	51.05112	3.063671	45.88521	20.14744	25.73776	30.133	7
2035.55	2036.342	1391.842	83.51482	56.28698	83.3665	83.65079	50.69446	3.298616	46.00692	16.34294	29.66398	29.84475	7
2035.555	2036.347	1391.847	83.37886	46.70719	83.31705	83.29233	52.46729	2.856572	44.67614	30.54783	14.12831	30.29911	7
2035.56	2036.351	1391.851	82.93387	55.21747	82.82262	83.51482	51.20037	3.118638	45.68099	17.48056	28.20043	29.82775	7
2035.565	2036.356	1391.856	85.86336	140.3508	83.4283	82.24167	45.91257	2.70097	51.38646	16.80565	34.58081	28.38897	7
2035.57	2036.361	1391.861	83.15636	57.34122	82.94623	82.21695	51.2481	3.056822	45.69508	18.08242	27.61266	30.0734	7
2035.575	2036.366	1391.866	83.58899	54.56048	83.10692	83.44066	53.63052	2.224809	44.14467	15.4335	28.71117	30.29553	7
2035.58	2036.371	1391.871	82.42708	44.43066	82.27875	83.47774	54.56442	2.101344	43.33424	15.64232	27.69192	30.38669	7
2035.585	2036.376	1391.876	81.98209	44.47649	81.99445	82.69902	53.71737	2.391305	43.89133	12.81401	31.07732	30.32323	7
2035.59	2036.381	1391.881	82.03154	46.79887	81.8214	81.74724	54.83419	1.952202	43.21361	16.82208	26.39154	30.6049	7
2035.595	2036.386	1391.886	83.93509	57.63151	83.45302	82.92151	52.56892	2.546298	44.88478	22.31798	22.5668	30.26362	7
2035.6	2036.391	1391.891	86.08586	66.81405	85.59143	84.00925	48.46384	3.880837	47.65533	14.54622	33.1091	29.86693	7
2035.605	2036.396	1391.896	86.37015	68.69334	85.86336	84.26883	47.84329	4.071671	48.08504	24.99456	23.09048	29.77941	7
2035.61	2036.4	1391.9	85.83864	83.05538	85.51726	84.30591	43.41973	5.45555	51.12472	31.03553	20.08918	28.99752	7
2035.615	2036.405	1391.905	87.30957	113.8421	86.24655	81.90793	40.36384	5.545053	54.09111	37.66643	16.42468	28.97962	7
2035.62	2036.41	1391.91	87.5197	95.87427	86.8275	84.33063	41.64486	5.689494	52.66565	31.13347	21.53218	28.99133	7
2035.625	2036.415	1391.915	87.82872	79.57182	87.4579	87.28485	42.81507	5.8615	51.32343	33.16283	18.16061	28.88977	7
2035.63	2036.42	1391.92	88.02649	67.57799	87.56914	88.75577	46.20619	4.819017	48.97479	21.62618	27.34861	29.16356	7
2035.635	2036.425	1391.925	90.89418	69.59479	91.06723	91.8954	38.19428	8.932822	52.8729	29.48331	23.3896	28.51016	7
2035.64	2036.43	1391.93	91.87068	69.54895	92.47635	94.46643	33.95414	11.54334	54.50252	36.27426	18.22826	28.01491	7
2035.645	2036.435	1391.935	92.69885	100.8551	92.38983	89.75699	32.70501	9.926378	57.36862	23.20791	34.16071	28.60661	7
2035.65	2036.44	1391.94	91.25264	83.72765	90.99307	88.48384	37.79719	8.209081	53.99373	22.6987	31.29503	28.98656	7
2035.655	2036.444	1391.944	94.05853	151.3209	91.9572	86.91403	33.13176	5.571114	61.29713	37.84071	23.45642	28.80666	7
2035.66	2036.449	1391.949	93.32925	111.7947	92.14262	87.93997	36.27915	6.894833	56.82602	35.70657	21.11945	29.07284	7
2035.665	2036.454	1391.954	94.00909	123.3761	92.05609	91.17848	38.79035	4.353254	56.85639	23.28617	33.57022	28.63491	7
2035.67	2036.459	1391.959	93.72479	83.81932	93.00787	89.42325	39.04507	7.382689	53.57224	19.66585	33.9064	29.40106	7
2035.675	2036.464	1391.964	95.59126	106.6152	94.98558	92.53816	30.94914	10.46081	58.59005	30.95535	27.6347	28.56732	7
2035.68	2036.469	1391.969	97.50717	153.3072	96.12277	91.69763	23.92218	10.28881	65.789	46.49069	19.29831	28.70022	7
2035.685	2036.474	1391.974	90.35031	125.6679	89.50978	87.92761	32.9802	8.197704	58.8221	24.26514	34.55696	28.10096	7
2035.69	2036.479	1391.979	93.5023	124.7511	93.00787	91.6111	27.61994	11.10057	61.27949	40.5557	20.72379	28.08217	7
2035.695	2036.484	1391.984	93.95964	132.0544	94.16978	94.6024	19.97144	15.36408	64.66448	47.19504	17.46945	27.75556	7
2035.7	2036.489	1391.989	94.81253	108.3265	94.2563	95.8632	30.86827	10.39858	58.73315	35.3592	23.37395	27.77502	7
2035.705	2036.493	1391.993	98.14993	103.2234	97.6555	99.65794	28.55384	12.44131	59.00485	35.14847	23.85638	27.72225	7
2035.71	2036.498	1391.998	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2035.715	2036.503	1392.003	91.41333	91.87123	91.15376	93.35397	35.67861	8.843938	55.47746	29.44366	26.03379	27.90345	7
2035.72	2036.508	1392.008	84.86214	138.0437	83.73732	81.56183	37.23767	6.316625	56.44571	38.25279	18.19292	27.87563	7
2035.725	2036.513	1392.013	89.34909	277.8902	86.43196	74.66454	13.15718	10.53196	76.31086	57.72668	18.58418	28.83189	7
2035.73	2036.518	1392.018	91.6111	374.6659	86.79042	78.7065	2.408936	10.00918	87.58188	87.58188	0	-9999	7
2035.735	2036.523	1392.023	94.62712	339.5095	94.42935	85.1588	0	27.73292	72.26708	72.26708	0	-9999	7
2035.74	2036.528	1392.028	104.7876	346.2169	108.5947	107.3463	0	74.66702	25.33298	25.33298	0	-9999	7
2035.745	2036.533	1392.033	109.1386	158.67	109.0768	110.9433	1.673306	30.64037	67.68632	67.68632	0	-9999	7
2035.75	2036.537	1392.037	108.6071	145.3928	108.8172	109.9297	3.267887	31.87102	64.86109	61.25966	3.601431	-9999	7
2035.755	2036.542	1392.042	107.6059	149.9917	107.0744	109.1015	8.823812	23.38259	67.7936	51.61317	16.18043	27.94114	7
2035.76	2036.547	1392.047	107.1238	148.9374	106.3698	106.8148	11.24676	20.70942	68.04382	48.94987	19.09395	28.20811	7
2035.765	2036.552	1392.052	110.1151	162.8105	109.8432	107.2969	1.401443	29.9634	68.63516	68.63516	0	-9999	7

2035.77	2036.557	1392.057	108.6442	185.7287	108.7431	110.1893	0	33.47286	66.52714	66.52714	0	-9999	7
2035.775	2036.562	1392.062	109.6578	207.6537	110.3005	108.1498	0	42.57441	57.42559	57.42559	0	-9999	7
2035.78	2036.567	1392.067	110.4736	165.1788	110.4859	109.7443	0	33.85949	66.14051	66.14051	0	-9999	7
2035.785	2036.572	1392.072	112.7603	160.4271	113.23	114.5032	0	43.22708	56.77292	56.77292	0	-9999	7
2035.79	2036.577	1392.077	114.3548	166.5997	114.9482	117.7911	0	48.76891	51.23109	51.23109	0	-9999	7
2035.795	2036.582	1392.082	112.6243	184.3994	113.1188	110.8815	0	44.89581	55.10419	55.10419	0	-9999	7
2035.8	2036.586	1392.086	111.7838	183.2841	112.9334	114.6886	0	51.53799	48.46201	48.46201	0	-9999	7
2035.805	2036.591	1392.091	111.3017	165.9274	111.7715	113.2918	0	40.75704	59.24296	59.24296	0	-9999	7
2035.81	2036.596	1392.096	110.5725	145.8206	111.3512	110.5848	0	41.73975	58.26025	58.26025	0	-9999	7
2035.815	2036.601	1392.101	110.3376	156.2254	110.8444	111.9816	0	38.76864	61.23136	61.23136	0	-9999	7
2035.82	2036.606	1392.106	110.2264	173.2612	110.2882	110.795	0	34.59047	65.40953	65.40953	0	-9999	7
2035.825	2036.611	1392.111	113.8851	196.485	114.0829	111.6231	0	44.22664	55.77336	55.77336	0	-9999	7
2035.83	2036.616	1392.116	116.0112	153.4905	116.4809	119.398	0	49.88914	50.11086	50.11086	0	-9999	7
2035.835	2036.621	1392.121	118.3844	133.5823	118.3968	117.2349	0	46.62691	53.37309	53.37309	0	-9999	7
2035.84	2036.626	1392.126	123.4523	100.5496	123.4276	122.4882	2.282435	56.735	40.98256	40.98256	0	-9999	7
2035.845	2036.63	1392.13	119.6947	113.6129	119.7936	115.9494	1.620198	49.94937	48.43043	48.43043	0	-9999	7
2035.85	2036.635	1392.135	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2036.145	2036.924	1392.424	116.7281	36.50098	116.4685	115.7022	25.78861	32.19951	42.01187	27.68084	14.33103	26.2865	7
2036.15	2036.929	1392.429	112.7603	34.63697	113.0446	112.8468	25.67506	32.30014	42.02479	19.44185	22.58294	26.387	7
2036.155	2036.934	1392.434	111.8703	49.21291	112.1917	111.8951	22.67907	32.09608	45.22485	30.25983	14.96502	26.50506	7
2036.16	2036.939	1392.439	110.7826	68.87669	110.6343	110.3005	22.5614	25.96686	51.47174	33.52256	17.94918	27.19848	7
2036.165	2036.944	1392.444	113.7492	110.9544	112.7727	110.5972	16.06765	22.58591	61.34644	51.47831	9.868131	28.11477	7
2036.17	2036.949	1392.449	107.0744	31.67289	107.1609	106.6047	33.15616	20.76923	46.0746	14.27481	31.7998	28.01293	7
2036.175	2036.953	1392.453	110.5354	33.38411	110.659	110.523	29.27054	26.34612	44.38335	19.75898	24.62437	27.15312	7
2036.18	2036.958	1392.458	113.7863	28.40323	113.9469	113.4154	27.19772	32.18113	40.62115	27.78516	12.83599	26.41298	7
2036.185	2036.963	1392.463	115.8505	34.85087	115.5662	114.6391	27.18693	30.10109	42.71198	27.41992	15.29206	26.61945	7
2036.19	2036.968	1392.468	112.6738	25.48498	113.0693	113.5761	27.10729	32.97116	39.92156	24.44505	15.47651	26.1925	7
2036.195	2036.973	1392.473	112.5873	21.83336	112.8468	113.1435	29.12433	30.78852	40.08714	14.25189	25.83525	26.50914	7
2036.2	2036.978	1392.478	115.2695	28.09765	115.0718	114.9852	28.68512	29.87136	41.44352	11.00397	30.43955	26.5399	7
2036.205	2036.983	1392.483	112.9334	32.14653	112.8345	112.6243	29.08821	27.45519	43.4566	22.64716	20.80944	26.95301	7
2036.21	2036.988	1392.488	111.7344	38.31915	111.6108	111.8333	28.8891	25.63391	45.47699	27.63209	17.8449	27.10955	7
2036.215	2036.993	1392.493	110.7826	31.62705	110.8568	112.031	29.85149	26.04633	44.10218	23.16978	20.9324	26.94899	7
2036.22	2036.998	1392.498	109.2622	40.03037	109.5342	110.0904	27.6839	26.43702	45.87909	16.58331	29.29578	27.02703	7
2036.225	2037.002	1392.502	108.397	30.11445	108.4959	109.3611	32.22072	22.61343	45.16585	24.21331	20.95254	27.50683	7
2036.23	2037.007	1392.507	108.397	39.61784	108.7554	109.905	27.90919	25.9767	46.11411	16.87223	29.24188	26.99532	7
2036.235	2037.012	1392.512	108.5947	37.21908	108.8667	109.9421	28.97831	25.20561	45.81608	27.23982	18.57626	27.09888	7
2036.24	2037.017	1392.517	108.397	34.49946	108.1745	107.6183	33.65023	19.58816	46.76161	24.95439	21.80722	28.12249	7
2036.245	2037.022	1392.522	108.1498	39.31227	107.8531	108.57	33.28775	18.85314	47.85911	29.0471	18.81201	27.93503	7
2036.25	2037.027	1392.527	108.0138	34.59113	107.8284	108.0262	33.69319	19.48828	46.81852	26.83651	19.98201	28.00009	7
2036.255	2037.032	1392.532	106.5305	23.43763	106.444	106.9137	36.9906	17.86485	45.14455	27.81332	17.33123	28.34575	7
2036.26	2037.037	1392.537	105.1214	28.08238	105.0225	104.4786	37.25876	16.4181	46.32314	21.38625	24.93689	28.67933	7
2036.265	2037.042	1392.542	103.6999	24.38491	103.9718	105.0967	36.58744	17.67597	45.73659	25.86001	19.87658	28.23973	7
2036.27	2037.046	1392.546	103.6628	24.67521	103.6381	103.7864	38.8504	15.20894	45.94066	20.17122	25.76944	28.79269	7
2036.275	2037.051	1392.551	103.1189	26.15725	103.156	102.7605	38.51313	15.22325	46.26362	25.82555	20.43807	28.85974	7
2036.28	2037.056	1392.556	103.4032	22.07782	103.6257	103.7123	37.80186	16.76218	45.43595	21.79534	23.64061	28.60439	7
2036.285	2037.061	1392.561	103.156	22.67369	102.9706	102.983	41.04636	13.25976	45.69388	30.15459	15.5393	29.17901	7
2036.29	2037.066	1392.566	102.2908	21.40555	102.3279	102.2784	40.42496	14.03213	45.54291	28.76216	16.78076	29.07308	7
2036.295	2037.071	1392.571	101.6109	21.52778	101.6727	100.9064	40.82924	13.53532	45.63544	31.95582	13.67962	29.27887	7
2036.3	2037.076	1392.576	100.5108	28.23516	100.6097	100.6839	39.93076	13.17347	46.89577	33.29751	13.59827	29.03177	7
2036.305	2037.081	1392.581	99.80627	28.38795	99.97932	99.55905	39.96721	13.0206	47.01219	23.77264	23.23955	29.13224	7
2036.31	2037.086	1392.586	98.75561	31.18397	98.90394	99.11407	40.44877	12.0721	47.47913	16.00789	31.47124	29.09761	7
2036.315	2037.091	1392.591	96.62956	31.62705	96.74081	96.79025	42.5849	10.07524	47.33986	25.87294	21.46692	29.42001	7
2036.32	2037.095	1392.595	97.82855	33.07853	97.76675	97.54425	42.47171	10.09919	47.4291	19.12775	28.30135	29.46791	7
2036.325	2037.1	1392.6	98.59492	33.09381	98.42187	97.72967	42.62511	10.01771	47.35717	31.4686	15.88857	29.5894	7
2036.33	2037.105	1392.605	98.78033	33.93414	98.59492	97.77911	42.34697	10.14293	47.5101	34.0551	13.45501	29.57422	7
2036.335	2037.11	1392.61	98.17465	36.21068	97.97688	97.27232	42.44907	9.747593	47.80334	34.77206	13.03128	29.56205	7
2036.34	2037.115	1392.615	97.38357	27.66985	97.21051	97.2476	45.05216	8.723979	46.22386	31.01763	15.20623	29.81155	7
2036.345	2037.12	1392.62	98.37242	39.81647	98.64436	98.71852	37.75428	13.09825	49.14747	20.75518	28.39229	28.78792	7
2036.35	2037.125	1392.625	95.96208	58.89965	95.43057	94.3181	41.58038	7.852089	50.56753	27.04072	23.52681	29.43269	7
2036.355	2037.13	1392.63	92.64941	51.24499	92.56288	91.35153	43.03183	7.589425	49.37874	27.55346	21.82529	29.55629	7
2036.36	2037.135	1392.635	92.37747	29.13661	92.35275	92.43927	48.15326	6.220086	45.62665	21.35164	24.27501	30.16852	7
2036.365	2037.139	1392.639	92.98314	35.9815	92.99551	93.2798	45.65219	7.236676	47.11114	31.11232	15.99881	29.73132	7
2036.37	2037.144	1392.644	93.76187	33.50634	93.81131	93.972	45.24736	7.763341	46.9893	27.89227	19.09703	29.72808	7
2036.375	2037.149	1392.649	93.2798	35.41618	93.23036	93.31688	45.99505	7.089325	46.91563	17.50114	29.41449	29.82798	7
2036.38	2037.154	1392.654	93.218	31.32147	93.03259	94.10797	48.09658	6.117752	45.78567	20.36531	25.42036	29.98763	7
2036.385	2037.159	1392.659	93.19328	32.72712	93.14383	94.33046	46.7254	6.852994	46.4216	33.33135	13.09025	29.74611	7
2036.39	2037.164	1392.664	93.78659	28.61713	93.72479	93.46521	47.26997	6.894735	45.8353	18.61695	27.21834	30.13475	7
2036.395	2037.169	1392.669	93.74951	26.58506	93.87312	93.89784	46.35891	7.659033	45.98206	32.2656	13.71646	29.95109	7
2036.4	2037.174	1392.674	95.85083	36.85239	95.50473	94.62712	45.58123	7.302165	47.1166	21.1797	25.9369	30.01136	7
2036.405	2037.179	1392.679	96.46887	48.76983	95.52946	94.62712	46.72681	5.228182	48.04501	25.70563	22.33938	30.19357	7
2036.41	2037.184	1392.684	97.28468	44.15564	96.43179	95.14627	46.42233	5.822453	47.75522	27.1638	20.59141	30.26569	7
2036.415	2037.188	1392.688	96.06097	47.41002	95.25752	94.12033	46.3774	5.66402	47.95858	28.86934	19.08924	30.16304	7
2036.42	2037.193	1392.693	96.11041	58.44129	95.09683	93.31688	45.29088	5.308395	49.40073	30.82296	18.57777	30.08098	7

2036.425	2037.198	1392.698	94.18214	58.42601	93.61354	92.36511	43.61994	6.625096	49.75496	24.76054	24.99442	29.6497	7
2036.43	2037.203	1392.703	92.84718	61.75678	93.03259	92.10553	38.19852	9.718214	52.08326	25.81543	26.26784	28.92744	1
2036.435	2037.208	1392.708	90.10309	81.77197	89.57158	87.43318	41.43555	6.380086	52.18436	34.77836	17.406	29.19682	1
2036.44	2037.213	1392.713	85.22061	71.00043	84.16994	83.99689	52.55757	2.11013	45.3323	22.11591	23.21639	30.06073	1
2036.445	2037.218	1392.718	86.25891	119.5105	84.29355	79.3369	46.95177	2.760757	50.28747	32.25802	18.02945	29.54806	1
2036.45	2037.223	1392.723	86.56793	159.9076	82.13042	76.03658	56.05052	0	43.94948	11.34838	32.6011	27.93351	1
2036.455	2037.228	1392.728	84.50368	199.3726	78.81775	74.88703	58.07444	0	41.92556	22.46209	19.46347	26.96171	1
2036.46	2037.232	1392.732	83.76204	101.7872	80.90671	79.08968	60.43523	0	39.56477	18.52502	21.03974	29.52173	1
2036.465	2037.237	1392.737	83.47774	81.8942	81.4753	81.3517	58.90098	0	41.09902	8.936568	32.16245	30.49661	1
2036.47	2037.242	1392.742	79.52231	70.71014	77.94013	77.35918	61.98947	0	38.01053	24.52528	13.48525	30.75142	1
2036.475	2037.247	1392.747	82.47652	80.70245	80.20215	79.36162	62.21801	0	37.78199	23.18065	14.60134	29.98611	1
2036.48	2037.252	1392.752	82.90915	21.65001	82.64957	82.09334	60.49599	0.417751	39.08626	24.04183	15.04443	32.17302	1
2036.485	2037.257	1392.757	84.93631	43.52921	84.1823	82.43944	57.16806	1.09036	41.74158	27.81184	13.92973	31.52082	1
2036.49	2037.262	1392.762	88.33551	94.57557	86.01169	83.86093	53.85363	0.148124	45.99825	11.37392	34.62433	30.54971	1
2036.495	2037.267	1392.767	89.96713	125.2401	87.40846	82.0439	46.75185	1.510483	51.73767	24.58954	27.14812	29.88062	1
2036.5	2037.272	1392.772	87.1118	118.0896	85.04756	78.15027	47.27734	2.462459	50.2602	26.53735	23.72285	30.04113	1
2036.505	2037.277	1392.777	79.42342	78.38008	77.19849	74.84995	65.20569	0	34.79431	15.34587	19.44844	30.31389	1
2036.51	2037.281	1392.781	72.45197	21.90975	72.22948	72.22948	69.76635	0	30.23365	20.02462	10.20903	30.26232	1
2036.515	2037.286	1392.786	68.37293	13.36892	68.34821	67.66837	74.05322	0	25.94678	10.37462	15.57216	29.91896	1
2036.52	2037.291	1392.791	70.05399	20.10686	69.25054	68.31113	76.91119	0	23.08881	8.477835	14.61098	30.1642	1
2036.525	2037.296	1392.796	72.14295	20.33604	71.87102	71.14173	70.81467	0	29.18533	14.85463	14.3307	30.31661	1
2036.53	2037.301	1392.801	70.95632	42.62776	70.38773	67.74253	68.81087	0	31.18913	16.13136	15.05778	30.72664	1
2036.535	2037.306	1392.806	69.25054	22.41395	68.64486	68.34821	75.55931	0	24.44069	5.876999	18.56369	30.00664	1
2036.54	2037.311	1392.811	67.9403	18.12062	67.17394	66.45702	79.04906	0	20.95094	6.168467	14.78247	30.12561	1
2036.545	2037.316	1392.816	67.07505	16.08854	66.46938	65.74009	79.09151	0	20.90849	20.90849	0	30.06896	1
2036.55	2037.321	1392.821	67.40879	22.58202	66.77839	66.35813	77.40464	0	22.59536	9.355891	13.23947	30.01463	1
2036.555	2037.325	1392.825	67.56948	23.88071	66.4941	65.8019	80.39117	0	19.60883	14.00441	5.604422	30.27544	1
2036.56	2037.33	1392.83	69.34943	34.39251	67.9403	66.97617	78.79625	0	21.20375	21.20375	0	30.34964	1
2036.565	2037.335	1392.835	66.93908	20.99303	66.60534	65.29511	75.92221	0	24.07779	12.32497	11.75282	30.0617	1
2036.57	2037.34	1392.84	67.76725	54.16323	65.98731	63.70057	78.3412	0	21.6588	9.517571	12.14123	30.85541	1
2036.575	2037.345	1392.845	68.39765	68.18914	66.97617	64.09612	71.58889	0	28.41111	11.31658	17.09453	30.88696	1
2036.58	2037.35	1392.85	69.08985	63.13187	67.8785	66.82784	70.5474	0	29.4526	14.69707	14.75553	30.4855	1
2036.585	2037.355	1392.855	70.53606	56.24114	69.59664	67.91558	68.77694	0	31.22306	22.20452	9.018538	30.59703	1
2036.59	2037.36	1392.86	75.46799	72.36024	74.94884	69.31234	57.08169	1.170828	41.74748	23.17546	18.57203	31.10715	1
2036.595	2037.365	1392.865	75.14661	55.52304	74.77579	72.71155	60.30241	0.251197	39.44639	24.80541	14.64098	31.32835	1
2036.6	2037.37	1392.87	73.49027	23.25428	73.61388	73.44083	65.80346	0	34.19654	15.06484	19.1317	30.72664	1
2036.605	2037.374	1392.874	77.28502	35.14117	76.98836	76.09839	62.69272	0	37.30728	17.89509	19.41219	31.48285	1
2036.61	2037.379	1392.879	85.67795	105.6985	84.0587	79.06496	48.14648	2.804676	49.04885	32.8889	16.15995	29.85395	1
2036.615	2037.384	1392.884	91.16612	123.59	91.35153	88.95355	24.78147	12.79962	62.41892	30.1745	32.24441	28.17888	1
2036.62	2037.389	1392.889	93.51466	149.243	93.60118	88.94119	17.17914	15.59298	67.22788	37.25021	29.97767	28.70448	1
2036.625	2037.394	1392.894	91.05487	143.651	91.96956	86.40724	14.3771	17.34983	68.27307	48.99744	19.27563	29.06178	1
2036.63	2037.399	1392.899	81.93265	70.90876	82.43944	82.57541	43.53442	5.53988	50.9257	16.62442	34.30128	28.76914	1
2036.635	2037.404	1392.904	82.24167	63.72774	82.40236	82.41472	47.67021	4.204903	48.12489	15.13037	32.99452	29.3302	1
2036.64	2037.409	1392.909	83.4901	69.93092	83.93509	83.65079	42.81718	5.993926	51.1889	20.2166	30.97229	28.85797	1
2036.645	2037.414	1392.914	81.59891	56.95925	81.46294	82.41472	52.19862	2.692253	45.10913	22.68887	22.42026	29.81418	1
2036.65	2037.418	1392.918	88.38495	143.376	88.24898	79.32454	25.04261	11.29155	63.66584	31.49352	32.17231	29.09601	1
2036.655	2037.423	1392.923	94.40463	166.615	94.02145	84.4048	15.79659	14.97971	69.22371	47.4286	21.79511	29.63188	1
2036.66	2037.428	1392.928	86.28363	114.2852	87.49498	81.96973	23.57407	13.1188	63.30712	34.62021	28.68691	28.80343	1
2036.665	2037.433	1392.933	90.1649	151.5195	90.82002	76.61754	15.30339	16.07499	68.62161	54.0272	14.59441	30.51673	1
2036.67	2037.438	1392.938	92.3033	156.9741	92.38983	85.04756	16.42267	15.32031	68.25702	41.63068	26.62634	29.16756	1
2036.675	2037.443	1392.943	96.24638	304.8114	94.61476	81.68544	0	18.73571	81.26429	81.26429	0	-9999	1
2036.68	2037.448	1392.948	96.77789	285.8199	95.0103	83.92273	0	16.89553	83.10447	83.10447	0	-9999	1
2036.685	2037.453	1392.953	105.6035	215.9043	106.3204	102.5751	0	37.11504	62.88496	62.88496	0	-9999	1
2036.69	2037.458	1392.958	90.20198	213.9791	89.10188	81.72252	13.75704	13.06961	73.17335	55.06859	18.10475	28.78972	1
2036.695	2037.463	1392.963	92.31567	259.3112	89.55922	78.63234	13.6787	9.888658	76.43264	54.30226	22.13039	29.17529	1
2036.7	2037.467	1392.967	85.70267	124.4608	83.88565	81.25281	45.11598	3.470778	51.41324	27.63818	23.77506	28.79736	1
2036.705	2037.472	1392.972	82.90915	90.63365	81.4135	77.49515	53.38152	1.644746	44.97374	15.17593	29.79781	30.388	1
2036.71	2037.477	1392.977	80.59769	65.1945	79.85605	79.53467	55.82079	1.383757	42.79545	12.1901	30.60535	30.39174	1
2036.715	2037.482	1392.982	77.81653	46.99749	77.23557	77.19849	61.5378	0	38.4622	16.18474	22.27746	31.32822	1
2036.72	2037.487	1392.987	75.31966	21.0847	74.81287	74.269	69.53104	0	30.46896	23.99056	6.478403	30.55201	1
2036.725	2037.492	1392.992	77.48279	24.17101	77.42098	76.59282	63.34543	0	36.65457	12.46894	24.18563	31.59094	1
2036.73	2037.497	1392.997	84.08342	47.48641	82.66193	79.94257	62.16805	0	37.83195	19.4021	18.42985	31.40067	1
2036.735	2037.502	1393.002	87.55678	94.25472	85.55435	80.0291	52.15702	1.113806	46.72918	31.04739	15.68179	30.8292	1
2036.74	2037.507	1393.007	87.95233	137.8756	88.12538	79.08968	24.37682	11.86818	63.755	37.16599	26.58901	29.1795	1
2036.745	2037.511	1393.011	87.4579	134.9574	89.11424	79.49759	14.04243	17.06428	68.89328	41.69389	27.19939	29.93418	1
2036.75	2037.516	1393.016	82.78554	57.37177	81.45058	79.27509	60.29926	0	39.70074	16.63407	23.06667	31.55859	1
2036.755	2037.521	1393.021	84.77562	60.21362	83.53955	82.0439	57.0143	0.707826	42.27787	10.90648	31.3714	31.17755	1
2036.76	2037.526	1393.026	88.59509	78.48703	87.75456	81.68544	46.01277	4.36477	49.62246	28.52479	21.09767	30.36993	1
2036.765	2037.531	1393.031	89.22548	57.17315	88.69397	86.14766	48.19587	4.33927	47.46486	21.27862	26.18624	30.28119	1
2036.77	2037.536	1393.036	93.63826	102.9025	92.69885	86.30835	36.23086	7.570843	56.19829	31.62497	24.57332	29.54306	1
2036.775	2037.541	1393.041	95.76431	72.42136	95.90028	93.82367	33.31711	12.29105	54.39184	29.19273	25.1991	28.73712	1
2036.78	2037.546	1393.046	100.5974	75.01875	100.6097	101.92	29.2001	15.80591	54.99399	21.74794	33.24605	27.83713	1
2036.785	2037.551	1393.051	100.9682	49.76295	100.8817	101.0794	35.73721	13.74615	50.51663	27.93316	22.58347	28.55439	1

2036.79	2037.556	1393.056	98.89157	95.79787	98.96574	98.23646	25.26189	16.07545	58.66266	24.62423	34.03843	28.06904	1
2036.795	2037.56	1393.06	96.58012	149.243	96.9015	90.20198	12.5388	19.19456	68.26665	41.79898	26.46766	29.37697	1
2036.8	2037.565	1393.065	94.98558	103.1622	96.25874	95.33168	17.78105	20.02367	62.19529	35.95991	26.23537	28.14166	1
2036.805	2037.57	1393.07	90.90654	58.93021	92.5876	91.84596	29.07666	15.05116	55.87218	23.12168	32.7505	28.38132	1
2036.81	2037.575	1393.075	93.16856	53.94933	93.29216	92.94606	40.27123	9.109181	50.61958	27.68394	22.93564	29.07371	1
2036.815	2037.58	1393.08	91.90776	74.57567	92.36511	92.90898	33.85311	11.21784	54.92906	20.27096	34.65809	28.23208	1
2036.82	2037.585	1393.085	92.79773	66.34041	91.78415	90.07837	46.42695	4.412292	49.16076	19.91216	29.2486	29.98937	1
2036.825	2037.59	1393.09	88.95355	47.22667	88.54564	87.59387	49.89514	4.026795	46.07806	22.48245	23.59562	30.32885	1
2036.83	2037.595	1393.095	88.2119	46.9211	87.08708	84.98575	56.20755	1.077266	42.71518	22.76897	19.94621	31.56757	1
2036.835	2037.6	1393.1	90.10309	63.39161	88.16246	84.68909	56.8043	0	43.1957	14.27866	28.91704	31.38094	1
2036.84	2037.604	1393.104	86.79042	91.00034	85.83864	82.98331	45.507	4.225329	50.26767	33.4226	16.84507	29.44603	1
2036.845	2037.609	1393.109	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2037.14	2037.898	1393.398	78.44692	25.43915	78.02666	76.91419	64.92961	0	35.07039	13.14702	21.92337	31.37945	1
2037.145	2037.903	1393.403	80.16507	24.26268	81.11684	81.63599	53.0003	2.817023	44.18267	22.87055	21.31212	30.51195	1
2037.15	2037.908	1393.408	78.27387	13.06335	78.86719	79.84369	60.22851	0.376343	39.39514	22.99555	16.3996	31.76804	1
2037.155	2037.913	1393.413	76.04894	17.29557	76.65462	77.82889	61.15546	0	38.84454	18.43603	20.40852	31.58579	1
2037.16	2037.918	1393.418	77.48279	54.07156	77.79181	77.68056	53.23563	2.211198	44.55318	17.60106	26.95212	29.99985	1
2037.165	2037.923	1393.423	79.31218	49.93101	78.91663	77.82889	58.01495	0.857799	41.12725	19.184	21.94325	31.1023	1
2037.17	2037.928	1393.428	81.4135	23.57514	81.53711	79.89313	58.43644	1.073576	40.48998	13.53201	26.95798	31.86608	1
2037.175	2037.932	1393.432	79.65828	20.99303	79.44814	79.94257	63.2626	0	36.7374	22.2041	14.5333	31.61894	1
2037.18	2037.937	1393.437	79.81897	21.77224	80.32576	80.73366	57.37005	1.345261	41.28469	29.88973	11.39496	31.25929	1
2037.185	2037.942	1393.442	78.97844	18.83872	79.36162	79.89313	59.8112	0.522157	39.66664	24.54494	15.1217	31.69366	1
2037.19	2037.947	1393.447	79.41106	16.18022	79.62119	79.72008	61.39768	0.073872	38.52844	13.87446	24.65399	32.14889	1
2037.195	2037.952	1393.452	79.26273	17.44835	79.49759	79.57175	61.03567	0.168262	38.79607	22.46794	16.32813	32.05149	1
2037.2	2037.957	1393.457	79.78188	20.64162	79.83133	79.96729	61.22221	0.104749	38.67304	13.19377	25.47926	32.04308	1
2037.205	2037.962	1393.462	79.91785	26.63089	80.15271	80.15271	58.21078	1.020856	40.76836	13.57999	27.18838	31.39871	1
2037.21	2037.967	1393.467	80.12798	36.02733	79.86841	79.79424	59.57535	0.485125	39.93953	12.86183	27.07769	31.50114	1
2037.215	2037.972	1393.472	80.95615	39.2206	80.33812	79.48523	60.81874	0.034713	39.14655	25.40597	13.74058	31.87352	1
2037.22	2037.976	1393.476	81.89557	50.81718	80.88199	78.9908	60.21356	0.030309	39.75613	20.82698	18.92914	31.80104	1
2037.225	2037.981	1393.481	81.51239	44.47649	80.80782	79.28745	59.70565	0.315156	39.9792	21.59294	18.38625	31.72176	1
2037.23	2037.986	1393.486	81.09212	36.21068	81.6978	84.42952	51.93828	3.106605	44.95512	17.62279	27.33233	29.77699	1
2037.235	2037.991	1393.491	80.11562	39.44978	80.27631	78.78066	55.50144	1.769117	42.72945	14.44356	28.28588	30.99371	1
2037.24	2037.996	1393.496	79.75716	29.83943	79.70772	79.06496	59.78545	0.472488	39.74206	11.84507	27.89699	31.73902	1
2037.245	2038.001	1393.501	80.18979	59.083	79.34926	77.97722	58.44142	0.630154	40.92843	11.97569	28.95274	31.11163	1
2037.25	2038.006	1393.506	80.16507	78.96067	79.16385	77.90305	54.89911	1.578399	43.5225	31.78678	11.73571	30.13201	1
2037.255	2038.011	1393.511	77.3839	71.3824	76.33324	73.76221	59.6749	0.412029	39.91307	19.66743	20.24564	31.12064	1
2037.26	2038.016	1393.516	75.81409	51.41305	75.20841	71.85866	62.50307	0	37.49693	12.43413	25.06281	31.63134	1
2037.265	2038.02	1393.52	76.54337	72.6047	74.99828	72.6621	63.98422	0	36.01578	6.551875	29.46391	30.94254	1
2037.27	2038.025	1393.525	77.84125	50.35882	77.53223	77.97722	58.59411	0.68883	40.71706	25.62736	15.08971	30.82498	1
2037.275	2038.03	1393.53	80.6595	44.09452	80.23923	80.23923	58.37944	0.783502	40.83706	19.07761	21.75945	31.15093	1
2037.28	2038.035	1393.535	80.96851	46.4169	80.28867	78.91663	59.54484	0.366416	40.08874	25.34727	14.74147	31.59503	1
2037.285	2038.04	1393.54	79.07732	45.79047	78.05138	76.96364	64.11861	0	35.88139	17.94095	17.94043	31.04043	1
2037.29	2038.045	1393.545	78.26151	62.29154	77.56931	77.35918	58.28941	0.748034	40.96255	18.32065	22.64191	30.6832	1
2037.295	2038.05	1393.55	76.07366	36.9899	76.77823	77.02544	55.60032	1.447289	42.95239	21.65438	21.29801	30.54983	1
2037.3	2038.055	1393.555	74.59038	32.71184	74.31844	75.28258	65.56809	0	34.43191	19.71061	14.7213	30.55463	1
2037.305	2038.06	1393.56	74.28136	39.40394	74.05887	73.78693	63.84972	0	36.15028	6.647909	29.50237	30.91831	1
2037.31	2038.065	1393.565	74.30608	31.3062	74.46677	75.13425	62.81696	0	37.18304	16.51445	20.66858	30.96477	1
2037.315	2038.069	1393.569	75.14661	31.77984	75.25786	75.62868	62.31224	0	37.68776	14.36353	23.32424	31.18193	1
2037.32	2038.074	1393.574	74.88703	23.69737	75.18369	74.24428	63.07007	0	36.92993	9.422875	27.50706	31.37928	1
2037.325	2038.079	1393.579	73.02056	37.98302	73.19361	72.16767	62.28805	0	37.71195	15.73163	21.98031	31.15539	1
2037.33	2038.084	1393.584	76.64226	51.48945	77.08724	77.64348	53.58003	2.060432	44.35954	12.72208	31.63746	29.9336	1
2037.335	2038.089	1393.589	77.34682	60.93173	76.96364	77.9525	57.06511	1.11336	41.82153	28.17719	13.64434	30.22687	1
2037.34	2038.094	1393.594	76.95128	47.135	77.79181	78.53345	51.28405	2.747954	45.968	13.50201	32.46599	29.69677	1
2037.345	2038.099	1393.599	77.37154	36.51626	77.6682	79.08968	57.68215	0.962243	41.3556	20.14649	21.20911	30.73559	1
2037.35	2038.104	1393.604	81.59891	48.38786	81.53711	81.0674	53.69812	2.31402	43.98786	32.05272	11.93514	30.43682	1
2037.355	2038.109	1393.609	85.02283	55.73695	85.4431	85.54198	45.0336	5.693089	49.27331	23.09067	26.18265	29.25072	1
2037.36	2038.113	1393.613	85.3813	42.99445	85.54198	86.14766	49.79921	4.148756	46.05204	31.08528	14.96676	29.92592	1
2037.365	2038.118	1393.618	85.10936	37.89134	84.8127	85.07228	54.82878	2.204674	42.96655	18.31513	24.65142	30.82372	1
2037.37	2038.123	1393.623	84.67673	59.55664	84.30591	83.79912	50.55857	3.272506	46.16892	31.14737	15.02155	29.96418	1
2037.375	2038.128	1393.628	86.06114	85.69861	86.12294	85.64087	39.60571	7.013593	53.38069	37.14951	16.23118	28.50873	1
2037.38	2038.133	1393.633	84.94867	82.15393	84.56549	82.98331	44.93564	4.858175	50.20619	24.72535	25.48084	29.16629	1
2037.385	2038.138	1393.638	87.00055	92.13097	86.50612	85.851	41.49563	5.934662	52.56971	29.91062	22.65909	28.6436	1
2037.39	2038.143	1393.643	88.85466	91.29064	89.63339	92.1797	30.12625	11.63134	58.24241	42.31477	15.92763	27.5363	1
2037.395	2038.148	1393.648	90.59752	43.62088	90.82002	90.06601	44.3697	7.212015	48.41828	25.34781	23.07048	29.62987	1
2037.4	2038.153	1393.653	88.28607	69.51839	86.90167	83.45302	52.68248	1.699963	45.61756	28.51404	17.10352	30.91359	1
2037.405	2038.158	1393.658	90.20198	45.46961	90.511	90.94362	43.61564	7.462532	48.92183	26.67953	22.2423	29.29536	1
2037.41	2038.162	1393.662	86.40724	57.55512	86.53084	86.14766	45.61905	5.489367	48.89159	19.29872	29.59287	29.426	1
2037.415	2038.167	1393.667	82.26639	64.78198	83.00803	84.47896	42.88994	5.953697	51.15636	19.7142	31.44216	28.57345	1
2037.42	2038.172	1393.672	81.59891	71.81021	81.24045	80.04146	50.32901	3.098123	46.57287	15.72652	30.84635	29.69715	1
2037.425	2038.177	1393.677	76.03658	34.63697	75.80173	75.5916	63.48432	0	36.51568	6.121987	30.3937	31.13986	1
2037.43	2038.182	1393.682	72.16767	31.53538	71.9699	72.18003	67.50691	0	32.49309	19.83717	12.65592	30.33461	1
2037.435	2038.187	1393.687	69.93038	29.31996	69.609	69.02805	71.05931	0	28.94069	15.7644	13.17629	30.14421	1
2037.44	2038.192	1393.692	69.79441	47.01277	70.43717	72.61266	59.43068	0.154837	40.41449	16.17704	24.23744	30.27021	1

2037.445	2038.197	1393.697	67.75489	32.75768	67.50768	67.21102	71.65405	0	28.34595	12.22641	16.11954	29.96581	1
2037.45	2038.202	1393.702	71.6856	18.31924	71.58672	71.06757	70.38235	0	29.61765	9.156092	20.46156	30.25943	1
2037.455	2038.206	1393.706	70.61022	20.38188	70.42481	69.32471	71.54312	0	28.45688	4.840231	23.61665	30.23666	1
2037.46	2038.211	1393.711	68.19988	14.62178	68.01447	67.13686	75.15458	0	24.84542	14.81725	10.02818	29.96407	1
2037.465	2038.216	1393.716	78.47165	84.01794	77.00072	77.3221	58.87343	0.549665	40.57691	24.49485	16.08205	30.26746	1
2037.47	2038.221	1393.721	79.53467	229.0287	77.85361	64.25681	24.43136	10.01952	65.54912	41.11561	24.43351	28.06017	1
2037.475	2038.226	1393.726	92.16734	439.3562	97.19815	60.30137	0	60.23497	39.76503	39.76503	0	-9999	1
2037.48	2038.231	1393.731	96.77789	458.363	103.2796	95.62834	0	82.90198	17.09802	17.09802	0	-9999	1
2037.485	2038.236	1393.736	87.19832	270.2661	86.92639	89.34909	0	18.81943	81.18057	81.18057	0	-9999	1
2037.49	2038.241	1393.741	83.7126	332.0229	80.28867	69.68317	9.170269	12.93635	77.89338	66.77546	11.11792	27.63477	1
2037.495	2038.246	1393.746	79.75716	204.0174	73.7004	70.26412	64.19108	0	35.80892	16.14241	19.66651	28.78588	1
2037.5	2038.251	1393.751	78.05138	239.8919	71.64852	71.03049	59.76104	1.779104	38.45986	15.55912	22.90074	27.20048	1
2037.505	2038.255	1393.755	71.54964	105.1485	68.2864	67.28518	74.01846	0	25.98154	5.371997	20.60954	30.67336	1
2037.51	2038.26	1393.76	68.13807	32.34515	67.85378	67.21102	71.68874	0	28.31126	4.84866	23.4626	30.05179	1
2037.515	2038.265	1393.765	66.75367	24.828	66.86492	65.88842	71.71608	0	28.28392	12.6315	15.65242	29.91193	1
2037.52	2038.27	1393.77	67.35935	39.32755	67.1245	66.92672	70.33225	0	29.66775	17.88538	11.78237	29.99206	1
2037.525	2038.275	1393.775	69.41123	40.39706	70.22704	71.24062	60.04307	0	39.95693	18.24026	21.71668	30.55187	1
2037.53	2038.28	1393.78	69.51012	7.761614	69.67081	69.46067	72.92704	0	27.07296	16.98929	10.08367	29.8916	1
2037.535	2038.285	1393.785	69.57192	15.37044	69.08985	68.54598	76.01022	0	23.98978	15.52472	8.465066	30.01409	1
2037.54	2038.29	1393.79	65.67829	11.77993	65.56704	65.15914	77.58739	0	22.41261	11.69617	10.71643	29.74862	1
2037.545	2038.295	1393.795	64.51638	22.12366	64.28153	64.03431	77.11112	0	22.88888	18.97179	3.917084	29.77527	1
2037.55	2038.299	1393.799	65.48052	16.10382	65.97495	66.148	72.02897	0	27.97103	6.352017	21.61901	29.44515	1
2037.555	2038.304	1393.804	63.45336	12.40636	63.36683	62.51394	79.29114	0	20.70886	16.79228	3.916583	29.79757	1
2037.56	2038.309	1393.809	63.39155	22.36812	62.82296	60.70928	80.67329	0	19.32671	19.32671	0	30.38045	1
2037.565	2038.314	1393.814	63.70057	19.67905	63.39155	64.04667	79.02803	0	20.97197	6.22945	14.74252	29.66289	1
2037.57	2038.319	1393.819	64.4793	22.27644	64.24444	61.66105	77.10826	0	22.89174	9.20695	13.68479	30.20632	1
2037.575	2038.324	1393.824	66.29633	28.69353	66.34577	65.19622	71.68036	0	28.31964	4.524323	23.79531	29.95136	1
2037.58	2038.329	1393.829	66.2716	26.4781	65.88842	65.69065	75.59209	0	24.40791	13.92499	10.48293	29.8675	1
2037.585	2038.334	1393.834	63.89834	16.43995	63.65113	63.2185	79.15097	0	20.84903	19.52873	1.320306	29.82318	1
2037.59	2038.339	1393.839	64.59055	17.69281	64.70179	65.61649	75.43288	0	24.56712	18.66981	5.897315	29.37542	1
2037.595	2038.344	1393.844	64.07139	19.31236	64.15792	64.38041	75.71016	0	24.28984	4.092773	20.19707	29.50127	1
2037.6	2038.348	1393.848	65.98731	23.37651	66.48174	67.79197	69.80273	0	30.19727	9.641405	20.55586	29.37252	1
2037.605	2038.353	1393.853	65.8637	16.97471	65.70301	64.71415	76.54286	0	23.45714	23.27362	0.183518	29.88846	1
2037.61	2038.358	1393.858	68.86736	122.5204	65.71537	65.24566	71.41998	0	28.58002	18.71509	9.864926	31.15636	1
2037.615	2038.363	1393.863	77.9525	378.3328	67.63129	63.79946	56.71654	5.310988	37.97248	16.09425	21.87823	24.03889	1
2037.62	2038.368	1393.868	69.2011	56.73006	69.10221	68.06391	63.37268	0	36.62732	8.015605	28.61172	30.69927	1
2037.625	2038.373	1393.873	66.87728	37.26491	67.08741	67.65601	67.82627	0	32.17373	23.04555	9.128183	29.80452	1
2037.63	2038.378	1393.878	65.1097	27.33372	65.5176	65.67829	70.32306	0	29.67694	23.80116	5.875773	29.54402	1
2037.635	2038.383	1393.883	63.99723	10.19094	64.23208	64.45458	76.83622	0	23.16378	23.16378	0	29.39808	1
2037.64	2038.388	1393.888	66.2716	24.88911	66.85256	67.13686	68.50456	0	31.49544	20.73513	10.76031	29.62245	1
2037.645	2038.392	1393.892	65.93786	30.45058	66.69187	66.2716	66.12459	0	33.87541	19.83517	14.04024	29.82191	1
2037.65	2038.397	1393.897	64.34333	21.74169	64.33097	63.34211	75.63844	0	24.36156	14.51215	9.84941	29.79005	1
2037.655	2038.402	1393.902	67.30991	93.42967	65.59176	65.76481	68.78051	0	31.21949	6.889188	24.33031	30.67434	1
2037.66	2038.407	1393.907	65.22094	48.41842	64.63999	61.98243	72.78187	0	27.21813	5.334987	21.88314	30.49951	1
2037.665	2038.412	1393.912	65.28275	31.58121	64.83776	65.22094	75.74586	0	24.25414	6.390604	17.86353	29.79013	1
2037.67	2038.417	1393.917	63.83654	20.35132	63.07018	61.54981	82.28469	0	17.71531	15.61827	2.097036	30.43322	1
2037.675	2038.422	1393.922	65.46816	20.67217	64.92428	64.73887	78.98164	0	21.01836	21.01836	0	29.94081	1
2037.68	2038.427	1393.927	68.41001	27.18093	68.41001	68.38529	70.48501	0	29.51499	15.20735	14.30764	29.91603	1
2037.685	2038.432	1393.932	63.49044	27.54762	63.13198	64.09612	77.70035	0	22.29965	5.250238	17.04942	29.63431	1
2037.69	2038.437	1393.937	65.44344	17.17334	64.91192	64.25681	79.75531	0	20.24469	5.861483	14.38321	30.02966	1
2037.695	2038.441	1393.941	63.45336	13.33836	63.57697	63.04545	77.43707	0	22.56293	5.824157	16.73877	29.591	1
2037.7	2038.446	1393.946	63.25559	22.35284	63.92307	63.72529	71.22251	0	28.77749	8.556062	20.22143	29.32025	1
2037.705	2038.451	1393.951	62.5263	27.9907	63.61405	60.94413	67.27203	0	32.72797	24.37576	8.352207	29.69308	1
2037.71	2038.456	1393.956	63.65113	34.86615	64.83776	64.78832	63.80697	0	36.19303	7.453027	28.74	29.53231	1
2037.715	2038.461	1393.961	63.1567	45.48489	63.26795	63.29267	70.02633	0	29.97367	9.531801	20.44187	29.69359	1
2037.72	2038.466	1393.966	61.41384	37.28019	61.46328	61.21607	74.09428	0	25.90572	11.30183	14.60389	29.6222	1
2037.725	2038.471	1393.971	64.35569	23.1015	63.9107	63.87362	78.65085	0	21.34915	13.4424	7.906756	29.86641	1
2037.73	2038.476	1393.976	62.72407	27.02814	62.71171	62.73644	75.84884	0	24.15116	12.63938	11.51178	29.5842	1
2037.735	2038.481	1393.981	58.84281	35.37035	58.60795	58.53379	79.12511	0	20.87489	11.11993	9.754962	29.85266	1
2037.74	2038.485	1393.985	62.04423	56.79118	60.96885	58.85517	77.51006	0	22.48994	5.950268	16.53967	30.79671	1
2037.745	2038.49	1393.99	62.03187	27.85319	62.35325	62.99601	73.69952	0	26.30048	16.60402	9.69646	29.2669	1
2037.75	2038.495	1393.995	61.92063	22.04726	62.10604	62.45214	76.26065	0	23.73935	16.42494	7.314405	29.37225	1
2037.755	2038.5	1394	63.37919	15.21765	63.2185	62.63755	79.25381	0	20.74619	4.348986	16.3972	29.79462	1
2037.76	2038.505	1394.005	66.04911	17.02055	66.12328	65.87606	74.54107	0	25.45893	14.3269	11.13203	29.67209	1
2037.765	2038.51	1394.01	67.80434	25.86695	66.91436	66.74131	78.2575	0	21.7425	12.66674	9.075763	30.06034	1
2037.77	2038.515	1394.015	69.609	16.80664	69.44831	69.49776	73.13785	0	26.86215	19.28394	7.578207	29.89953	1
2037.775	2038.52	1394.02	66.08619	7.501875	66.17272	65.88842	76.71468	0	23.28532	8.293854	14.99147	29.64353	1
2037.78	2038.525	1394.025	66.11092	14.46899	66.02439	66.53118	76.34703	0	23.65297	7.189912	16.46306	29.58214	1
2037.785	2038.53	1394.03	67.68073	31.55066	66.46938	65.54232	79.48645	0	20.51355	3.80342	16.71013	30.34908	1
2037.79	2038.534	1394.034	67.90322	37.17324	67.70545	68.2864	70.06584	0	29.93416	8.843362	21.09079	29.86292	1
2037.795	2038.539	1394.039	70.21468	30.67977	70.31356	71.61144	67.21163	0	32.78837	15.23687	17.5515	29.97881	1
2037.8	2038.544	1394.044	71.2777	32.36043	71.05521	73.60152	68.31761	0	31.68239	6.907928	24.77446	29.77921	1
2037.805	2038.549	1394.049	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999

2037.845	2038.588	1394.088	82.1057	29.15189	82.43944	87.38373	54.82151	2.305303	42.87318	15.78922	27.08396	29.95518	1
2037.85	2038.593	1394.093	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2038.14	2038.877	1394.377	107.2722	80.12186	106.6047	111.549	27.0931	17.02153	55.88537	25.29075	30.59462	27.0662	1
2038.145	2038.882	1394.382	100.2142	64.1861	99.0399	98.50839	41.37051	6.78125	51.84824	23.8659	27.98234	29.4897	1
2038.15	2038.887	1394.387	99.96696	85.68333	98.90394	94.8867	35.53346	8.819379	55.64716	39.67313	15.97403	29.42485	1
2038.155	2038.892	1394.392	101.2648	97.66188	99.85571	99.21295	34.12288	8.006716	57.8704	35.94041	21.92999	28.77549	1
2038.16	2038.897	1394.397	101.6109	76.89804	100.5356	98.31062	36.24284	9.085308	54.67185	29.92977	24.74208	29.23196	1
2038.165	2038.902	1394.402	103.3167	89.02938	102.5998	100.2265	28.95966	13.71928	57.32106	24.38725	32.93382	28.63407	1
2038.17	2038.906	1394.406	102.1301	98.25776	100.2513	98.27354	36.82289	5.184647	57.99247	37.30185	20.69062	29.41227	1
2038.175	2038.911	1394.411	96.5554	79.06762	94.61476	92.51344	47.07459	1.973288	50.95212	22.02909	28.92303	30.36293	1
2038.18	2038.916	1394.416	94.14505	47.89894	93.09439	91.49986	49.93764	3.541391	46.52097	18.1339	28.38707	30.71311	1
2038.185	2038.921	1394.421	97.09927	83.26928	94.39227	91.22792	51.49676	0	48.50324	26.14763	22.35562	29.10651	1
2038.19	2038.926	1394.426	96.50595	122.9177	93.29216	90.62225	46.37532	0	53.62468	30.24085	23.38383	28.08752	1
2038.195	2038.931	1394.431	93.63826	151.3209	90.28851	88.95355	43.19376	0.101313	56.70493	27.46856	29.23637	28.86742	1
2038.2	2038.936	1394.436	95.76431	224.2465	91.15376	84.91159	33.36097	0	66.63903	31.23878	35.40025	27.42709	1
2038.205	2038.941	1394.441	88.12538	125.0567	85.17116	81.25281	51.55609	0.108624	48.33528	12.73263	35.60266	30.05159	1
2038.21	2038.946	1394.446	83.26761	38.34971	82.09334	80.30103	63.21376	0	36.78624	8.860113	27.92613	31.4072	1
2038.215	2038.95	1394.45	82.55069	47.59336	82.36528	82.50124	53.97271	2.254164	43.77313	28.80791	14.96522	30.42059	1
2038.22	2038.955	1394.455	88.59509	100.0759	88.71869	86.62973	33.31619	9.469791	57.21402	37.03481	20.17921	28.37678	1
2038.225	2038.96	1394.46	93.89784	75.44656	93.87312	93.46521	35.54751	10.31381	54.13868	25.20528	28.9334	28.5404	1
2038.23	2038.965	1394.465	89.04007	64.85837	87.70511	85.75212	52.73334	1.759714	45.50694	25.2249	20.28204	30.75162	1
2038.235	2038.97	1394.47	83.23053	26.08086	82.37764	81.10448	63.72625	0	36.27375	10.72772	25.54603	31.71373	1
2038.24	2038.975	1394.475	83.86093	46.05021	82.81026	82.26639	59.84643	0.076492	40.07708	25.41784	14.65924	31.68572	1
2038.245	2038.98	1394.48	83.41594	30.60337	83.0822	81.74724	58.4378	0.983395	40.5788	10.56911	30.00969	31.78182	1
2038.25	2038.985	1394.485	80.67186	24.67521	79.79424	78.7065	66.61198	0	33.38802	23.7686	9.619416	31.08636	1
2038.255	2038.99	1394.49	82.89679	92.51294	81.19101	80.52353	54.56663	1.207557	44.22582	16.02974	28.19607	29.92158	1
2038.26	2038.995	1394.495	86.71625	107.4097	83.66315	80.07854	57.88942	0	42.11058	27.08579	15.02479	29.26959	1
2038.265	2038.999	1394.499	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2038.28	2039.014	1394.514	80.16507	11.29101	80.3752	79.54703	61.88719	0.012087	38.10072	20.29465	17.80608	32.53351	1
2038.285	2039.019	1394.519	86.45668	18.86928	86.70389	86.98819	53.97758	3.333629	42.68879	17.30638	25.38241	30.98464	1
2038.29	2039.024	1394.524	82.37764	11.13822	82.1057	82.50124	63.62463	0	36.37537	13.46997	22.9054	32.083	1
2038.295	2039.029	1394.529	78.03902	9.472836	78.21207	78.58289	64.57054	0	35.42946	5.753159	29.67631	31.52265	1
2038.3	2039.034	1394.534	83.99689	19.6485	83.88565	84.44188	58.83008	1.121225	40.04869	26.43591	13.61278	31.70796	1
2038.305	2039.039	1394.539	90.17726	31.97846	90.18962	87.42082	49.20234	5.289945	45.50772	31.48518	14.02254	30.75165	1
2038.31	2039.043	1394.543	79.78188	13.64394	79.76952	80.93143	63.39463	0	36.60537	15.38292	21.22245	31.69614	1
2038.315	2039.048	1394.548	82.09334	39.86231	81.66072	79.76952	58.1803	0.895771	40.92393	12.78264	28.14129	31.61094	1
2038.32	2039.053	1394.553	82.21695	22.76536	82.1057	82.71138	59.71335	0.667859	39.61879	15.80829	23.8105	31.73421	1
2038.325	2039.058	1394.558	81.63599	65.88205	79.64592	79.44814	64.37453	0	35.62547	11.42092	24.20455	29.99944	1
2038.33	2039.063	1394.563	82.27875	78.70093	79.99202	79.86841	62.98012	0	37.01988	8.069054	28.95082	29.76436	1
2038.335	2039.068	1394.568	81.7596	23.85016	81.93265	81.63599	57.66829	1.359057	40.97265	26.62148	14.35118	31.47849	1
2038.34	2039.073	1394.573	78.08846	19.2818	78.2986	78.78066	61.86389	0	38.13611	25.68669	12.44942	31.81139	1
2038.345	2039.078	1394.578	73.2307	14.49955	73.41611	72.68682	67.68193	0	32.31807	8.894775	23.42329	30.65142	1
2038.35	2039.083	1394.583	73.84873	93.93386	71.72269	70.96868	65.80403	0	34.19597	5.904783	28.29119	30.54171	1
2038.355	2039.088	1394.588	76.04894	144.583	72.01934	71.29006	66.27528	0	33.72472	10.37909	23.34563	29.98145	1
2038.36	2039.092	1394.592	74.18247	178.4866	69.65844	66.70423	63.61959	1.441929	34.93848	27.30387	7.634607	29.24604	1
2038.365	2039.097	1394.597	68.42237	47.02805	68.18752	68.2864	67.49075	0	32.50925	12.99378	19.51547	30.13518	1
2038.37	2039.102	1394.602	67.50768	47.24195	67.71781	68.23696	64.83186	0	35.16814	8.053147	27.11499	30.07936	1
2038.375	2039.107	1394.607	70.15287	56.43977	69.79441	69.90566	64.57901	0	35.42099	10.61218	24.80881	30.46375	1
2038.38	2039.112	1394.612	71.94518	45.05709	71.85866	71.24062	63.57719	0	36.42281	11.01071	25.4121	30.7934	1
2038.385	2039.117	1394.617	72.18003	42.42914	71.32714	70.12815	69.93642	0	30.06358	22.53965	7.523927	30.42458	1
2038.39	2039.122	1394.622	73.07001	82.13866	71.29006	67.58184	66.69262	0	33.30738	23.82019	9.487194	31.08591	1
2038.395	2039.127	1394.627	77.54459	102.7955	76.60518	73.3543	51.06292	2.796019	46.14106	17.05246	29.08859	29.31995	1
2038.4	2039.132	1394.632	76.6917	74.77429	75.92534	74.77579	57.28759	1.095762	41.61665	30.70479	10.91186	30.32496	1
2038.405	2039.136	1394.636	74.34316	59.18995	73.83637	72.01934	61.20795	0.070162	38.72189	10.6276	28.09429	31.30217	1
2038.41	2039.141	1394.641	74.70162	56.25642	74.30608	74.3308	60.72591	0.154977	39.11911	19.6386	19.48051	30.9601	1
2038.415	2039.146	1394.646	73.52735	52.97149	71.9081	70.78327	72.08497	0	27.91503	6.562684	21.35235	30.27522	1
2038.42	2039.151	1394.651	77.19849	144.3385	74.21955	71.72269	57.13422	1.503762	41.36202	26.27375	15.08827	29.12286	1
2038.425	2039.156	1394.656	74.44205	119.648	72.8846	70.75855	54.62875	2.277183	43.09407	17.00637	26.0877	28.98291	1
2038.43	2039.161	1394.661	69.85622	140.2896	69.00333	69.02805	48.39209	4.220647	47.38727	30.71781	16.66946	27.07119	1
2038.435	2039.166	1394.666	65.4558	143.5135	62.77352	57.24827	65.83807	1.866107	32.29583	24.3883	7.907524	30.15513	1
2038.44	2039.171	1394.671	66.85256	51.55056	65.82662	65.08497	73.97145	0	26.02855	14.19521	11.83334	30.29583	1
2038.445	2039.176	1394.676	66.82784	71.24489	66.44465	64.78832	64.24679	0	35.75321	6.550864	29.20234	30.73986	1
2038.45	2039.18	1394.68	67.8785	89.99194	66.23452	63.87362	68.51455	0	31.48545	24.66419	6.82126	31.06823	1
2038.455	2039.185	1394.685	72.39017	98.08969	71.30242	74.3308	58.09336	1.360507	40.54613	11.58566	28.96047	28.87278	1
2038.46	2039.19	1394.69	71.31478	171.2903	68.69431	68.44709	53.24684	3.889818	42.86334	23.58758	19.27577	27.00146	1
2038.465	2039.195	1394.695	73.79929	185.2245	70.67202	66.19744	51.51663	4.066905	44.41647	30.53188	13.88459	27.48562	1
2038.47	2039.2	1394.7	76.67934	242.8102	74.05887	74.3308	31.00363	8.818236	60.17814	36.95395	23.22419	24.68588	1
2038.475	2039.205	1394.705	76.60518	76.16466	75.34438	73.88582	60.86255	0.178152	38.9593	19.21059	19.7487	30.96518	1
2038.48	2039.21	1394.71	79.59647	123.2844	76.74114	75.83881	59.06522	0.31453	40.62024	19.01576	21.60449	29.82692	1
2038.485	2039.215	1394.715	86.71625	441.4494	77.3221	75.29494	26.19499	4.833791	68.97122	37.30051	31.67071	22.7361	1
2038.49	2039.22	1394.72	90.95598	353.0312	86.23419	74.36788	7.480886	9.121079	83.39803	76.6661	6.731934	-9999	1
2038.495	2039.225	1394.725	76.6299	93.06297	74.47913	74.0465	63.6477	0	36.3523	11.01718	25.33511	30.39199	1
2038.5	2039.229	1394.729	74.13303	32.60489	74.42969	74.81287	61.60813	0	38.39187	18.4654	19.92646	31.1522	1

2038.505	2039.234	1394.734	73.62624	48.80038	72.69918	71.06757	67.63884	0	32.36116	22.60904	9.752116	30.6655	1
2038.51	2039.239	1394.739	74.6151	63.39161	73.72513	70.91924	62.91063	0	37.08937	25.44772	11.64165	31.31889	1
2038.515	2039.244	1394.744	76.76587	41.94022	76.24671	75.64104	63.24929	0	36.75071	14.75074	21.99997	31.16497	1
2038.52	2039.249	1394.749	77.34682	54.27018	76.01186	72.73627	66.05347	0	33.94653	13.5828	20.36372	31.0104	1
2038.525	2039.254	1394.754	78.00194	51.8867	77.53223	73.76221	59.32187	0.477246	40.20088	16.29667	23.90421	31.70029	1
2038.53	2039.259	1394.759	78.7065	48.5712	78.19971	75.91297	59.76341	0.346821	39.88977	15.08318	24.80659	31.61426	1
2038.535	2039.264	1394.764	74.38024	47.15028	73.53971	72.15531	66.67391	0	33.32609	23.88714	9.438949	30.72586	1
2038.54	2039.269	1394.769	73.9229	36.86767	73.36666	72.6003	67.37976	0	32.62024	12.2549	20.36533	30.59655	1
2038.545	2039.273	1394.773	74.20719	35.32451	74.12067	73.76221	63.85142	0	36.14858	5.917706	30.23087	30.95316	1
2038.55	2039.278	1394.778	73.99706	27.25732	74.45441	76.08603	61.78199	0	38.21801	25.84245	12.37556	30.93055	1
2038.555	2039.283	1394.783	73.72513	29.91583	73.72513	75.28258	64.93325	0	35.06675	15.5716	19.49514	30.46493	1
2038.56	2039.288	1394.788	75.87589	109.7474	73.04529	72.41489	65.57252	0	34.42748	7.715122	26.71236	30.19164	1
2038.565	2039.293	1394.793	81.07976	172.1764	76.87711	75.43091	56.31045	0.626341	43.06321	29.3971	13.66611	28.6481	1
2038.57	2039.298	1394.798	86.5432	352.4353	79.02788	72.15531	33.33467	3.252333	63.413	42.80749	20.60551	25.15877	1
2038.575	2039.303	1394.803	89.33673	454.085	79.00316	73.16889	28.00682	1.018612	70.97457	46.53236	24.44221	23.78863	1
2038.58	2039.308	1394.808	85.7892	327.8365	75.96242	73.76221	57.89505	0	42.10495	17.72491	24.38003	22.59724	1
2038.585	2039.313	1394.813	83.23053	378.6384	73.84873	70.78327	44.50633	3.330107	52.16357	17.81363	34.34994	23.64676	1
2038.59	2039.318	1394.818	84.09578	319.0665	77.09961	71.03049	39.63814	3.554866	56.807	20.36222	36.44478	25.34171	1
2038.595	2039.322	1394.822	84.1823	429.1042	74.57802	71.2159	33.1423	5.615533	61.24217	38.36348	22.87869	22.46504	1
2038.6	2039.327	1394.827	89.15132	411.3808	85.17116	75.48035	0	16.00142	83.99858	83.99858	0	-9999	1
2038.605	2039.332	1394.832	95.66542	443.0384	99.00282	84.15758	0	56.40429	43.59571	43.59571	0	-9999	1
2038.61	2039.337	1394.837	92.95842	388.6155	96.80261	90.09073	0	51.2688	48.7312	48.7312	0	-9999	1
2038.615	2039.342	1394.842	91.12904	356.4231	92.2415	74.49149	0	32.67966	67.32034	67.32034	0	-9999	1
2038.62	2039.347	1394.847	84.8127	277.7374	77.49515	70.80799	51.47089	0	48.52911	21.52284	27.00627	26.96799	1
2038.625	2039.352	1394.852	78.75594	101.4663	77.40862	71.38895	53.43142	2.039921	44.52866	26.88243	17.64623	30.24928	1
2038.63	2039.357	1394.857	71.17881	80.27465	70.91924	69.73261	57.10073	1.288102	41.61116	22.13091	19.48025	29.82364	1
2038.635	2039.362	1394.862	75.55451	60.39697	76.32088	76.44449	49.93445	2.97783	47.08772	23.44266	23.64506	29.31529	1
2038.64	2039.366	1394.866	74.00942	98.48694	75.25786	70.41245	38.40213	5.977516	55.62035	35.01098	20.60938	28.5576	1
2038.645	2039.371	1394.871	73.32958	34.31611	73.87345	73.10709	60.01728	0.078067	39.90466	22.21848	17.68618	31.37403	1
2038.65	2039.376	1394.876	75.25786	31.41315	75.40618	74.10831	62.01124	0	37.98876	12.21745	25.77131	31.54405	1
2038.655	2039.381	1394.881	78.47165	48.60176	77.91541	75.38146	60.35526	0.177936	39.4668	23.97049	15.49631	31.7536	1
2038.66	2039.386	1394.886	78.87955	50.95469	78.05138	76.59282	61.51809	0	38.48191	22.01737	16.46455	31.5015	1
2038.665	2039.391	1394.891	77.19849	80.28992	75.80173	73.30486	60.37214	0.270887	39.35698	18.72418	20.63279	31.02369	1
2038.67	2039.396	1394.896	77.35918	79.11346	75.69048	71.50019	62.61651	0	37.38349	19.33972	18.04377	31.32976	1
2038.675	2039.401	1394.901	73.71276	61.32897	72.14295	70.84508	69.50869	0	30.49131	6.632561	23.85874	30.42076	1
2038.68	2039.406	1394.906	72.81043	61.13035	71.99462	69.38651	64.54337	0	35.45663	16.3913	19.06533	31.08271	1
2038.685	2039.411	1394.911	72.81043	58.63991	71.79685	70.18996	66.67879	0	33.32121	24.90163	8.419581	30.71184	1
2038.69	2039.415	1394.915	73.53971	63.14715	73.11945	71.99462	60.31891	0.330207	39.35089	11.79938	27.55151	30.87369	1
2038.695	2039.42	1394.92	75.12189	90.71004	74.41733	69.609	54.39639	1.982786	43.62083	16.15393	27.4669	30.12454	1
2038.7	2039.425	1394.925	75.78937	72.42136	75.08481	74.39261	58.20817	0.879292	40.91254	21.26515	19.64739	30.37793	1
2038.705	2039.43	1394.93	76.82767	121.9551	75.9377	75.66576	46.70269	4.054475	49.24283	18.26086	30.98197	27.86984	1
2038.71	2039.435	1394.935	72.42725	72.6047	71.74741	69.37415	61.06535	0.315123	38.61952	26.3126	12.30692	30.95184	1
2038.715	2039.44	1394.94	70.26412	65.97372	69.69553	65.75245	63.79797	0	36.20203	15.35411	20.84792	31.31985	1
2038.72	2039.445	1394.945	68.31113	49.91573	68.06391	67.55712	66.99007	0	33.00993	18.07946	14.93047	30.27966	1
2038.725	2039.45	1394.95	68.47181	56.10364	68.33585	67.38407	64.4826	0	35.5174	25.42334	10.09405	30.5409	1
2038.73	2039.455	1394.955	66.22216	27.01286	65.8019	65.56704	75.79555	0	24.20445	16.31759	7.886854	29.87939	1
2038.735	2039.459	1394.959	62.60047	35.52314	61.56217	60.05416	81.85781	0	18.14219	18.14219	0	30.66981	1
2038.74	2039.464	1394.964	62.73644	26.8448	62.34089	60.95649	78.8515	0	21.1485	6.702778	14.44572	30.10278	1
2038.745	2039.469	1394.969	63.34211	42.62776	62.22965	61.40148	80.03095	0	19.96905	9.994548	9.974503	30.5132	1
2038.75	2039.474	1394.974	63.00837	57.9982	61.38912	58.33602	80.54597	0	19.45403	15.59306	3.86097	31.34556	1
2038.755	2039.479	1394.979	64.1332	77.0661	61.90827	60.37554	79.59068	0	20.40932	13.62876	6.780562	31.38986	1
2038.76	2039.484	1394.984	63.87362	54.91189	62.92185	61.68577	75.32386	0	24.67614	9.786599	14.88955	30.44447	1
2038.765	2039.489	1394.989	60.99357	53.39929	59.1271	56.19761	85.42843	0	14.57157	12.38043	2.191138	31.92321	1
2038.77	2039.494	1394.994	62.64991	65.89733	61.90827	57.76742	72.16267	0	27.83733	14.7467	13.09063	30.97202	1
2038.775	2039.499	1394.999	64.50402	68.99892	63.42864	57.82923	72.29279	0	27.70721	24.12673	3.580481	31.38122	1
2038.78	2039.504	1395.004	69.32471	100.3509	69.17638	64.78832	53.08589	2.462471	44.45164	27.80071	16.65093	29.2838	1
2038.785	2039.508	1395.008	72.19239	148.8916	72.47669	60.52386	35.34793	7.043965	57.6081	38.20867	19.39944	28.6351	1
2038.79	2039.513	1395.013	70.09107	111.917	69.32471	64.08376	54.37164	2.464865	43.1635	27.48865	15.67485	29.37759	1
2038.795	2039.518	1395.018	72.46433	126.1568	69.8315	65.13442	63.20735	0.844061	35.94859	19.18644	16.76215	30.54112	1
2038.8	2039.523	1395.023	72.98348	107.7917	71.48783	68.31113	58.36088	1.423124	40.216	21.90654	18.30946	29.88075	1
2038.805	2039.528	1395.028	72.04407	82.96371	70.05399	67.43351	69.06534	0	30.93466	23.83781	7.096846	30.82241	1
2038.81	2039.533	1395.033	70.2394	66.06539	68.5707	65.54232	72.32434	0	27.67566	23.32933	4.346329	30.82628	1
2038.815	2039.538	1395.038	69.00333	52.72703	67.8167	65.29511	72.95338	0	27.04662	11.89736	15.14925	30.6346	1
2038.82	2039.543	1395.043	70.14051	33.33827	69.86858	70.72147	69.51037	0	30.48963	10.26241	20.22722	29.94823	1
2038.825	2039.548	1395.048	71.38895	29.7172	71.07993	71.10465	69.5255	0	30.4745	15.23605	15.23845	30.17355	1
2038.83	2039.552	1395.052	76.16019	95.56869	74.0465	73.44083	63.18606	0	36.81394	12.42853	24.38541	30.52221	1
2038.835	2039.557	1395.057	79.59647	95.37007	77.3221	74.70162	61.31809	0	38.68191	10.57911	28.1028	30.6786	1
2038.84	2039.562	1395.062	80.73366	61.80262	79.41106	79.4605	61.01894	0	38.98106	20.13455	18.84651	30.96321	1
2038.845	2039.567	1395.067	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2039.14	2039.856	1395.356	121.1162	100.519	122.0927	124.6637	0	70.42271	29.57729	29.57729	0	-9999	6
2039.145	2039.861	1395.361	120.8072	111.7947	121.1903	120.9802	0	58.2504	41.7496	41.7496	0	-9999	6
2039.15	2039.866	1395.366	127.1111	148.3721	127.4943	128.2483	0	82.47114	17.52886	17.52886	0	-9999	6
2039.155	2039.871	1395.371	118.7553	102.2608	119.4475	121.5859	0.633483	57.4063	41.96022	41.96022	0	-9999	6

2039.16	2039.876	1395.376	116.1719	92.51294	116.1348	115.5909	11.02113	38.32244	50.65643	41.50658	9.149849	26.30408	6
2039.165	2039.88	1395.38	116.5674	72.78805	116.6539	115.5415	14.4727	39.72182	45.80548	26.85729	18.94819	25.89377	6
2039.17	2039.885	1395.385	117.4203	134.6976	118.3968	118.9654	0	60.6428	39.3572	39.3572	0	-9999	6
2039.175	2039.89	1395.39	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2039.185	2039.9	1395.4	120.4487	162.4439	121.6724	114.738	0	77.19764	22.80236	22.80236	0	-9999	6
2039.19	2039.905	1395.405	124.6019	96.16456	125.2447	125.3559	0	75.66801	24.33199	24.33199	0	-9999	6
2039.195	2039.91	1395.41	112.9704	71.73381	113.7121	112.031	12.95987	41.31919	45.72094	23.12455	22.5964	26.18235	6
2039.2	2039.915	1395.415	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2039.22	2039.934	1395.434	81.32698	28.23516	80.3752	78.52109	65.72254	0	34.27746	22.91367	11.36379	31.27697	6
2039.225	2039.939	1395.439	82.88443	40.61096	81.73488	81.10448	62.82747	0	37.17253	9.783134	27.3894	31.2226	6
2039.23	2039.944	1395.444	82.19223	23.88071	81.89557	80.7213	60.90311	0.221117	38.87577	18.81529	20.06048	32.27059	6
2039.235	2039.949	1395.449	91.43805	88.40295	89.83116	87.84108	46.93691	2.912775	50.15031	31.48671	18.6636	29.8031	6
2039.24	2039.954	1395.454	92.37747	100.5954	91.63583	89.05243	36.41638	7.77061	55.81301	27.08507	28.72794	28.77957	6
2039.245	2039.959	1395.459	93.32925	92.32959	92.95842	89.37381	34.6672	9.410416	55.92238	29.0998	26.82258	28.94398	6
2039.25	2039.964	1395.464	92.27858	231.1983	87.92761	80.52353	32.87379	1.807344	65.31887	29.63643	35.68244	28.19719	6
2039.255	2039.969	1395.469	99.44781	497.9656	89.2502	82.77318	7.031768	0	92.96823	73.30896	19.65927	-9999	6
2039.26	2039.973	1395.473	99.21295	416.7131	90.38739	81.1292	16.27762	0	83.72238	49.27421	34.44817	15.92858	6
2039.265	2039.978	1395.478	107.2722	414.5435	104.8247	89.2502	0	23.45408	76.54592	76.54592	0	-9999	6
2039.27	2039.983	1395.483	110.1028	515.7348	111.1905	92.32803	0	69.43814	30.56186	30.56186	0	-9999	6
2039.275	2039.988	1395.488	106.2091	569.3938	101.0423	83.05748	0	12.82195	87.17805	87.17805	0	-9999	6
2039.28	2039.993	1395.493	107.8655	408.0195	112.9952	100.449	0	100	0	0	0	-9999	6
2039.285	2039.998	1395.498	111.4377	505.605	118.2608	97.38357	0	100	0	0	0	-9999	6
2039.29	2040.003	1395.503	107.8037	406.2472	113.6379	96.17221	0	100	0	0	0	-9999	6
2039.295	2040.008	1395.508	110.0533	433.2753	117.9765	102.3279	0	100	0	0	0	-9999	6
2039.3	2040.013	1395.513	105.0349	318.0734	109.324	103.5021	0	78.67661	21.32339	21.32339	0	-9999	6
2039.305	2040.017	1395.517	103.428	328.0199	106.9755	104.7135	0	67.01887	32.98113	32.98113	0	-9999	6
2039.31	2040.022	1395.522	105.5293	412.9698	102.3897	110.7208	0	17.65121	82.34879	82.34879	0	-9999	6
2039.315	2040.027	1395.527	98.37242	276.4387	91.80888	90.9189	33.46669	0	66.53331	40.05205	26.48126	17.07741	6
2039.32	2040.032	1395.532	98.74325	357.9051	91.38861	85.18352	19.54159	0	80.45841	41.8232	38.63521	19.67426	6
2039.325	2040.037	1395.537	102.7234	387.4237	94.6642	87.81636	14.19671	0	85.80329	61.52773	24.27556	12.00359	6
2039.33	2040.042	1395.542	106.4563	426.7818	102.1795	97.82855	0	9.589042	90.41096	90.41096	0	-9999	6
2039.335	2040.047	1395.547	121.1409	266.1867	126.3448	128.718	0	100	0	0	0	-9999	6
2039.34	2040.052	1395.552	113.5143	246.416	117.6304	118.335	0	100	0	0	0	-9999	6
2039.345	2040.057	1395.557	123.7366	167.7456	122.0679	121.3139	0	26.91581	73.08419	73.08419	0	-9999	6
2039.35	2040.062	1395.562	116.4562	88.7238	116.6292	116.0112	10.04802	41.91082	48.04116	37.42354	10.61762	25.96669	6
2039.355	2040.066	1395.566	114.9605	109.8849	115.492	116.0483	3.524958	45.42547	51.04958	45.62299	5.426583	-9999	6
2039.36	2040.071	1395.571	118.4215	83.23873	119.1508	117.89	5.256476	55.81167	38.93185	33.79176	5.140095	-9999	6
2039.365	2040.076	1395.576	115.8381	85.83612	115.7763	116.8888	13.13555	36.83767	50.02678	39.61663	10.41015	25.99033	6
2039.37	2040.081	1395.581	118.9407	92.60461	118.8294	118.8665	9.026419	42.98176	47.99182	34.49834	13.49348	25.64491	6
2039.375	2040.086	1395.586	120.9308	88.93771	121.0914	121.5982	5.975433	52.69611	41.32845	41.32845	0	-9999	6
2039.38	2040.091	1395.591	126.5796	75.17154	126.5549	127.1358	5.546836	64.82972	29.62344	29.62344	0	-9999	6
2039.385	2040.096	1395.596	122.8343	61.48176	122.7849	123.131	12.49703	51.80812	35.69485	29.85559	5.839262	23.67065	6
2039.39	2040.101	1395.601	122.0309	74.74373	122.0432	120.869	9.547827	51.77728	38.67489	22.47526	16.19963	24.36343	6
2039.395	2040.106	1395.606	122.7478	102.3219	122.4264	121.8578	4.800823	48.60067	46.5985	43.68894	2.909568	-9999	6
2039.4	2040.11	1395.61	125.5166	60.79422	125.9369	127.1976	6.555484	71.31731	22.12721	16.63969	5.487519	-9999	6
2039.405	2040.115	1395.615	124.2311	94.74364	124.9851	129.0147	0	76.79011	23.20989	23.20989	0	-9999	6
2039.41	2040.12	1395.62	122.2657	79.35792	122.6365	122.1297	5.437053	60.24087	34.32208	31.38856	2.933522	-9999	6
2039.415	2040.125	1395.625	126.0605	71.50463	126.4313	127.0493	3.846384	72.84928	23.30433	23.30433	0	-9999	6
2039.42	2040.13	1395.63	123.9468	106.0041	124.8244	125.6773	0	79.34801	20.65199	20.65199	0	-9999	6
2039.425	2040.135	1395.635	127.9146	103.4373	127.2842	125.4177	2.172357	55.02428	42.80336	42.80336	0	-9999	6
2039.43	2040.14	1395.64	125.0592	77.99811	125.702	125.8874	1.08858	76.22694	22.68448	22.68448	0	-9999	6
2039.435	2040.145	1395.645	123.885	65.1945	124.5648	124.2929	4.979993	71.72195	23.29805	14.80626	8.491799	-9999	6
2039.44	2040.15	1395.65	128.8911	68.66278	128.8787	129.5462	4.899619	73.04824	22.05215	17.99104	4.061102	-9999	6
2039.445	2040.155	1395.655	125.5166	89.15161	125.3188	123.7119	4.482779	58.06728	37.44994	37.44994	0	-9999	6
2039.45	2040.159	1395.659	124.7873	74.34648	124.812	124.948	7.012237	60.12937	32.8584	20.97603	11.88236	-9999	6
2039.455	2040.164	1395.664	127.2718	81.64974	126.8145	125.2817	6.695135	56.26706	37.0378	34.12254	2.915256	-9999	6
2039.46	2040.169	1395.669	121.2398	99.98426	121.8207	121.3881	0	62.72836	37.27164	37.27164	0	-9999	6
2039.465	2040.174	1395.674	125.3683	79.78573	125.6649	127.4943	3.053958	68.99573	27.95031	25.36418	2.58613	-9999	6
2039.47	2040.179	1395.679	123.576	67.30297	123.2669	123.4276	12.41769	48.60726	38.97504	17.16375	21.8113	24.06578	6
2039.475	2040.184	1395.684	122.8961	77.73837	122.6983	121.7466	9.65562	49.92262	40.42176	30.87199	9.549767	24.46626	6
2039.48	2040.189	1395.689	121.3016	98.54805	121.0791	121.2398	6.278239	46.80725	46.91452	46.91452	0	-9999	6
2039.485	2040.194	1395.694	120.869	95.17144	120.9308	121.9938	5.290094	51.02505	43.68485	43.68485	0	-9999	6
2039.49	2040.199	1395.699	119.3733	92.91019	119.6082	120.152	5.872175	50.21099	43.91684	37.68061	6.236223	-9999	6
2039.495	2040.203	1395.703	123.3782	85.68333	123.6501	125.1705	3.649201	62.06159	34.28921	34.28921	0	-9999	6
2039.5	2040.208	1395.708	121.9814	63.22354	121.9073	121.1656	13.05177	49.09818	37.85005	14.48778	23.36226	24.27618	6
2039.505	2040.213	1395.713	121.7836	73.73533	121.8084	121.6724	9.923501	51.28732	38.78917	32.75948	6.029692	24.21906	6
2039.51	2040.218	1395.718	120.2756	82.33728	120.5599	121.3139	7.21749	52.83471	39.9478	24.36053	15.58728	-9999	6
2039.515	2040.223	1395.723	121.7713	84.41519	121.3881	121.3016	10.5116	43.79536	45.69304	26.37888	19.31416	25.14654	6
2039.52	2040.228	1395.728	119.3857	91.33647	119.6329	118.5451	6.145846	50.36153	43.49263	40.65555	2.837076	-9999	6
2039.525	2040.233	1395.733	121.7713	132.7572	122.0803	120.869	0	61.03793	38.96207	38.96207	0	-9999	6
2039.53	2040.238	1395.738	121.7466	86.82924	122.0556	121.9196	4.585592	57.86358	37.55083	37.55083	0	-9999	6
2039.535	2040.243	1395.743	118.199	61.40537	118.3968	117.0989	14.86406	44.4883	40.64764	21.76744	18.88021	25.17643	6
2039.54	2040.247	1395.747	121.6724	102.8567	120.8566	120.869	9.492591	36.36005	54.14736	53.08077	1.066593	26.24067	6

2039.545	2040.252	1395.752	117.7664	78.96067	117.5934	118.2856	13.88756	38.49384	47.6186	35.46972	12.14888	25.67553	6
2039.55	2040.257	1395.757	116.9506	91.76428	117.1113	116.1472	8.953146	43.01723	48.02962	44.1233	3.90632	25.98365	6
2039.555	2040.262	1395.762	111.0051	121.8482	111.4995	114.7628	4.556232	37.52781	57.91596	57.02183	0.89413	-9999	6
2039.56	2040.267	1395.767	114.2189	96.28679	114.3178	114.6391	10.85086	36.73725	52.41189	48.2592	4.152686	26.4591	6
2039.565	2040.272	1395.772	113.5638	90.80172	113.5638	112.6614	13.54732	33.80425	52.64843	38.73408	13.91435	26.79833	6
2039.57	2040.277	1395.777	113.7492	91.67261	113.2053	112.5873	17.381	26.92672	55.69229	37.47749	18.21479	27.23553	6
2039.575	2040.282	1395.782	112.031	94.36167	111.7591	111.3512	16.20343	28.05488	55.74169	34.46143	21.28026	27.19769	6
2039.58	2040.287	1395.787	115.2448	90.09889	114.9111	115.7145	14.75731	32.05321	53.18948	44.27914	8.910344	26.50756	6
2039.585	2040.292	1395.792	116.4315	85.59166	116.0359	115.5662	15.23534	32.88542	51.87924	24.87203	27.00721	26.54894	6
2039.59	2040.296	1395.796	116.2708	99.12865	116.2337	117.1855	9.329153	38.96765	51.7032	50.37278	1.33042	26.12633	6
2039.595	2040.301	1395.801	114.6144	95.40063	115.1583	114.6886	7.252768	43.83807	48.90916	37.85276	11.0564	-9999	6
2039.6	2040.306	1395.806	113.1682	74.37704	113.6503	114.3301	14.14996	38.41766	47.43237	24.63412	22.79825	25.95729	6
2039.605	2040.311	1395.811	115.4179	101.283	115.9988	115.0594	4.802687	46.65767	48.53965	48.53965	0	-9999	6
2039.61	2040.316	1395.816	116.2584	110.1752	116.1719	117.0248	7.050443	38.93141	54.01815	49.29185	4.726294	-9999	6
2039.615	2040.321	1395.821	112.0681	156.8213	110.4736	111.4006	11.30423	16.60127	72.0945	50.63195	21.46255	28.53239	6
2039.62	2040.326	1395.826	116.8641	110.0377	116.7652	117.2473	6.622294	39.9417	53.436	45.4561	7.979907	-9999	6
2039.625	2040.331	1395.831	113.2547	116.959	113.0446	112.8716	9.130091	32.26026	58.60965	57.57024	1.039404	27.28881	6
2039.63	2040.336	1395.836	114.9852	79.38848	114.8369	114.9111	16.15111	33.5321	50.31679	32.66395	17.65284	26.38013	6
2039.635	2040.34	1395.84	118.5328	34.20916	118.4586	118.2608	23.246	38.77216	37.98184	19.03172	18.95012	25.24426	6
2039.64	2040.345	1395.845	117.9642	36.30235	118.2361	118.1125	20.58028	43.48455	35.93517	25.88543	10.04974	24.76305	6
2039.645	2040.35	1395.85	120.0902	57.23426	120.4981	121.0914	12.50504	52.96954	34.52541	25.05116	9.474252	23.76245	6
2039.65	2040.355	1395.855	119.3486	63.72774	119.8059	120.3374	11.23275	52.2346	36.53265	28.07738	8.455264	24.07409	6
2039.655	2040.36	1395.86	121.3387	91.73372	121.351	122.3275	6.073074	51.06223	42.86469	42.86469	0	-9999	6
2039.66	2040.365	1395.865	122.2039	97.0049	122.5995	121.7218	1.031753	61.75901	37.20924	37.20924	0	-9999	6
2039.665	2040.37	1395.87	116.0359	107.1194	116.3326	116.2213	5.024963	44.13874	50.8363	43.19154	7.644759	-9999	6
2039.67	2040.375	1395.875	110.9804	71.39768	111.8827	111.0669	13.62674	39.05887	47.31439	21.85301	25.46138	26.34084	6
2039.675	2040.38	1395.88	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2039.72	2040.424	1395.924	117.4079	133.949	118.5081	117.5192	0	62.67327	37.32673	37.32673	0	-9999	6
2039.725	2040.429	1395.929	107.9644	86.14169	108.5453	109.8061	15.32411	30.75794	53.91795	42.32925	11.58869	26.81613	6
2039.73	2040.433	1395.933	113.2177	94.66725	113.2424	115.8381	12.73869	33.77945	53.48187	35.67269	17.80918	26.24065	6
2039.735	2040.438	1395.938	117.2102	134.0712	117.3585	117.3214	0	46.25786	53.74214	53.74214	0	-9999	6
2039.74	2040.443	1395.943	113.057	184.3842	112.4637	113.4525	0	31.57823	68.42177	68.42177	0	-9999	6
2039.745	2040.448	1395.948	116.827	250.4037	115.3684	110.9804	0	28.6738	71.3262	71.3262	0	-9999	6
2039.75	2040.453	1395.953	113.1806	164.8273	112.8468	113.539	0	33.76598	66.23402	66.23402	0	-9999	6
2039.755	2040.458	1395.958	112.8716	149.8236	113.0941	115.4179	0	39.47546	60.52454	60.52454	0	-9999	6
2039.76	2040.463	1395.963	114.4043	94.31583	114.1818	113.7492	13.64794	32.47547	53.87659	36.70442	17.17217	26.8136	6
2039.765	2040.468	1395.968	115.5291	159.3881	114.8246	116.0854	0.601642	31.86608	67.53228	67.53228	0	-9999	6
2039.77	2040.473	1395.973	113.9717	146.2484	113.4525	112.8716	3.77738	31.26184	64.96078	61.27202	3.688755	-9999	6
2039.775	2040.478	1395.978	110.6714	149.4111	109.7072	108.9779	9.49694	22.02415	68.47891	58.17088	10.30803	28.47048	6
2039.78	2040.482	1395.982	108.9779	161.7563	108.9285	110.1522	0.978458	30.75674	68.26481	68.26481	0	-9999	6
2039.785	2040.487	1395.987	107.5317	231.9011	107.7542	106.2586	0	36.26092	63.73908	63.73908	0	-9999	6
2039.79	2040.492	1395.992	104.9483	304.4753	106.9384	106.889	0	53.99665	46.00335	46.00335	0	-9999	6
2039.795	2040.497	1395.997	108.6689	239.8614	107.9025	101.8952	0	28.22014	71.77986	71.77986	0	-9999	6
2039.8	2040.502	1396.002	102.5256	257.2333	98.99046	93.61354	10.82351	4.861792	84.31469	68.72772	15.58698	29.83405	6
2039.805	2040.507	1396.007	100.6962	258.1653	98.76797	92.03137	0	15.20802	84.79198	84.79198	0	-9999	6
2039.81	2040.512	1396.012	96.07333	286.4922	92.22914	84.56549	12.07388	6.639606	81.28651	60.74734	20.53917	28.98266	6
2039.815	2040.517	1396.017	100.5974	283.4975	99.43545	97.00038	0	21.86872	78.13128	78.13128	0	-9999	6
2039.82	2040.522	1396.022	100.8198	441.2967	98.03868	81.71016	0	22.224	77.776	77.776	0	-9999	6
2039.825	2040.526	1396.026	102.674	650.631	94.73837	82.34056	0	5.608916	94.39108	94.39108	0	-9999	6
2039.83	2040.531	1396.031	99.75683	393.9325	92.03137	84.63965	12.76435	0	87.23565	60.75729	26.47836	19.77173	6
2039.835	2040.536	1396.036	97.77911	277.768	92.99551	87.91525	19.89629	1.016229	79.08748	39.27368	39.8138	28.37844	6
2039.84	2040.541	1396.041	111.8951	303.8641	116.7776	123.3658	0	100	0	0	0	-9999	6
2039.845	2040.546	1396.046	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2040.15	2040.845	1396.345	90.56044	115.1102	87.44554	84.42952	52.96822	0	47.03178	22.56977	24.462	28.85632	6
2040.155	2040.85	1396.35	91.77179	156.699	87.07472	84.82506	54.05114	0	45.94886	17.90828	28.04058	24.21782	6
2040.16	2040.854	1396.354	94.44171	167.7609	89.76935	85.7274	48.72626	0	51.27374	27.75593	23.51781	23.85088	6
2040.165	2040.859	1396.359	94.36755	181.5118	89.93004	86.72861	43.64666	0	56.35334	21.99254	34.36081	25.54724	6
2040.17	2040.864	1396.364	98.87921	135.8894	97.48245	93.99672	26.97081	9.602705	63.42649	42.80434	20.62215	28.67698	6
2040.175	2040.869	1396.369	103.6257	293.5357	100.6344	88.69397	0	10.83049	89.16951	89.16951	0	-9999	6
2040.18	2040.874	1396.374	102.538	269.6244	99.58378	87.33429	3.311105	9.515699	87.1732	81.68096	5.492232	-9999	6
2040.185	2040.879	1396.379	95.55418	297.7679	89.29965	83.16872	28.50293	0	71.49707	30.0704	41.42667	24.04251	6
2040.19	2040.884	1396.384	90.99307	106.3402	89.29965	86.92639	43.67605	3.668772	52.65518	20.9885	31.66668	29.24732	6
2040.195	2040.889	1396.389	91.73471	105.5304	89.60867	87.28485	46.54255	2.011791	51.44566	27.38673	24.05892	29.66029	6
2040.2	2040.894	1396.394	96.28346	181.359	93.11911	87.61859	32.05404	2.721351	65.22461	27.53475	37.68986	28.86143	6
2040.205	2040.898	1396.398	95.76431	237.4473	91.19084	82.94623	29.87898	0.14399	69.97703	32.21211	37.76492	28.80459	6
2040.21	2040.903	1396.403	89.75699	219.2656	85.64087	83.16872	36.26125	2.464519	61.27423	29.12018	32.15405	27.17069	6
2040.215	2040.908	1396.408	88.4344	187.6538	83.57663	80.79546	50.87583	0	49.12417	20.15411	28.97006	26.53489	6
2040.22	2040.913	1396.413	83.70024	55.85918	82.00682	80.11562	62.60187	0	37.39813	20.97158	16.42655	30.76884	6
2040.225	2040.918	1396.418	83.06984	57.96765	81.89557	81.1292	58.64817	0.346628	41.00521	12.12222	28.88299	31.22752	6
2040.23	2040.923	1396.423	81.36406	26.60033	82.06862	83.144	53.24743	2.850631	43.90194	17.37391	26.52803	30.41836	6
2040.235	2040.928	1396.428	79.63356	27.31844	80.75838	81.27753	51.40866	3.231045	45.36029	28.25454	17.10575	30.1933	6
2040.24	2040.933	1396.433	79.00316	47.62392	80.33812	81.22809	45.44617	4.843179	49.71065	30.54719	19.16345	29.07483	6
2040.245	2040.938	1396.438	78.4222	52.69647	78.54581	79.78188	54.14107	1.999851	43.85908	17.55212	26.30696	29.92601	6

2040.25	2040.943	1396.443	78.00194	31.97846	77.42098	76.4074	65.00183	0	34.99817	21.84383	13.15435	31.15489	6
2040.255	2040.947	1396.447	75.96242	16.92887	75.82645	75.38146	67.07154	0	32.92846	23.27613	9.652334	30.89084	6
2040.26	2040.952	1396.452	76.6299	38.19692	75.50507	75.56687	68.97425	0	31.02575	14.0062	17.01955	30.26427	6
2040.265	2040.957	1396.457	77.47043	52.83398	76.01186	75.75229	67.24527	0	32.75473	25.06847	7.686261	30.2848	6
2040.27	2040.962	1396.462	79.96729	74.54511	78.15027	73.39139	62.47214	0	37.52786	18.90307	18.6248	31.24511	6
2040.275	2040.967	1396.467	82.62485	183.8494	78.19971	74.70162	53.78843	0.661244	45.55033	26.60277	18.94756	28.60056	6
2040.28	2040.972	1396.472	85.62851	172.5584	80.7213	78.38512	57.49352	0	42.50648	11.91796	30.58852	26.86376	6
2040.285	2040.977	1396.477	87.61859	242.031	81.25281	77.90305	50.15418	0	49.84582	24.78495	25.06087	25.15009	6
2040.29	2040.982	1396.482	86.16002	148.1735	81.87085	77.51987	58.11589	0	41.88411	16.01569	25.86842	27.67576	6
2040.295	2040.987	1396.487	88.40967	186.7371	83.65079	77.92777	50.35405	0	49.64595	20.10275	29.54319	27.35301	6
2040.3	2040.991	1396.491	89.68283	117.5854	87.44554	82.57541	46.37515	2.138192	51.48666	24.86113	26.62554	29.77473	4
2040.305	2040.996	1396.496	86.37015	67.28769	85.31949	83.81148	52.39847	2.174116	45.42742	28.07787	17.34954	30.38045	4
2040.31	2041.001	1396.501	90.89418	89.48774	90.33795	88.32315	39.03212	7.154447	53.81343	24.57383	29.2396	28.88798	4
2040.315	2041.006	1396.506	89.78172	67.39464	89.60867	90.28851	42.43246	6.707825	50.85972	34.77595	16.08377	28.87291	4
2040.32	2041.011	1396.511	87.58151	78.99123	87.95233	87.4579	37.43527	8.433455	54.13128	25.40715	28.72413	28.47763	4
2040.325	2041.016	1396.516	87.76692	79.61766	88.54564	89.78172	33.95184	10.13043	55.91774	28.27402	27.64372	27.97571	4
2040.33	2041.021	1396.521	85.57907	123.3608	87.1118	92.10553	19.53529	14.40754	66.05717	40.73679	25.32038	26.91304	4
2040.335	2041.026	1396.526	82.98331	120.1675	84.14522	85.60379	25.57002	11.32413	63.10584	36.43189	26.67395	27.2859	4
2040.34	2041.031	1396.531	80.57297	103.0553	78.44692	74.59038	57.41034	0.60932	41.98034	14.44103	27.53931	30.56254	4
2040.345	2041.036	1396.536	79.16385	105.4235	77.21085	75.31966	56.79249	1.032307	42.1752	23.84928	18.32592	29.92939	4
2040.35	2041.04	1396.54	84.7509	56.14947	84.45424	83.74968	50.7401	3.301261	45.95864	14.61836	31.34028	30.05488	4
2040.355	2041.045	1396.545	84.0587	59.67887	83.70024	84.28119	51.00179	3.097331	45.90088	29.44173	16.45916	29.76498	4
2040.36	2041.05	1396.55	84.35535	46.89054	83.94745	84.83742	54.20682	2.188625	43.60455	27.83991	15.76464	30.40469	4
2040.365	2041.055	1396.555	85.96225	45.56129	85.29477	84.72618	55.06187	1.833293	43.10484	24.87014	18.2347	30.92566	4
2040.37	2041.06	1396.56	82.00682	69.48784	82.40236	82.21695	44.67221	5.16124	50.16655	16.99653	33.17002	28.92261	4
2040.375	2041.065	1396.565	81.45058	64.33889	81.31461	81.42586	50.5492	3.139782	46.31101	19.27918	27.03183	29.57944	4
2040.38	2041.07	1396.57	85.91281	79.32736	84.82506	83.32941	50.19301	2.741067	47.06592	25.53304	21.53288	29.85102	4
2040.385	2041.075	1396.575	84.54077	88.73908	82.71138	80.90671	54.9254	0.850822	44.22378	28.3059	15.91788	30.37037	4
2040.39	2041.08	1396.58	81.19101	81.46639	79.43578	75.72756	59.19239	0.099077	40.70853	23.05481	17.65372	31.30854	4
2040.395	2041.084	1396.584	79.95493	109.0446	77.90305	72.42725	55.95476	1.130344	42.9149	24.15164	18.76326	30.45407	4
2040.4	2041.089	1396.589	83.18108	186.951	79.28745	77.77945	48.40689	2.033331	49.55977	27.73696	21.82282	27.56698	4
2040.405	2041.094	1396.594	83.44066	196.1335	79.50995	81.51239	46.2333	2.528607	51.2381	33.51171	17.72638	26.55935	4
2040.41	2041.099	1396.599	80.36284	111.6114	78.7065	76.96364	51.89285	2.260118	45.84703	24.7543	21.09273	29.16415	4
2040.415	2041.104	1396.604	79.60883	73.3992	78.38512	76.38268	58.48104	0.569268	40.94969	22.35446	18.59523	30.89607	4
2040.42	2041.109	1396.609	80.25159	112.4517	78.27387	77.71764	54.28252	1.556951	44.16052	26.65199	17.50854	29.25129	4
2040.425	2041.114	1396.614	77.89069	70.02259	77.61876	79.78188	53.5026	2.11165	44.38575	22.37688	22.00887	29.29682	4
2040.43	2041.119	1396.619	76.70406	51.74919	76.81531	77.44571	56.0468	1.379107	42.57409	25.21067	17.36342	30.25314	4
2040.435	2041.124	1396.624	78.87955	74.04091	78.50873	79.57175	52.38678	2.425257	45.18796	31.95795	13.23001	29.32657	4
2040.44	2041.129	1396.629	81.24045	105.2554	79.83133	78.81775	50.70768	2.563937	46.72839	15.88122	30.84717	29.06414	4
2040.445	2041.133	1396.633	79.60883	111.153	78.86719	79.38634	45.60858	4.245569	50.14585	20.58971	29.55614	28.01048	4
2040.45	2041.138	1396.638	79.26273	85.82084	79.28745	80.85727	46.11805	4.272554	49.60939	33.63472	15.97468	28.31925	4
2040.455	2041.143	1396.643	77.24793	105.561	76.20963	75.52979	51.43297	2.720357	45.84667	23.69153	22.15514	28.79514	4
2040.46	2041.148	1396.648	72.06879	58.12043	71.43839	69.06513	64.51715	0	35.48285	23.01434	12.46851	31.00853	4
2040.465	2041.153	1396.653	75.43091	60.42753	75.20841	73.13181	57.70443	0.938168	41.35741	17.28192	24.07548	30.76567	4
2040.47	2041.158	1396.658	75.85117	45.95853	76.02422	76.46921	57.75382	0.869272	41.37691	19.59557	21.78134	30.63304	4
2040.475	2041.163	1396.663	73.86109	56.57728	73.6386	72.84751	60.08041	0.311451	39.60813	28.50466	11.10348	30.91876	4
2040.48	2041.168	1396.668	73.62624	71.58103	73.18125	71.38895	58.38989	0.873048	40.73706	19.42418	21.31288	30.47315	4
2040.485	2041.173	1396.673	76.01186	59.52608	75.50507	73.86109	59.5914	0.447421	39.96118	9.564581	30.3966	31.06	4
2040.49	2041.177	1396.677	75.23313	43.55977	74.92412	74.08359	62.63894	0	37.36106	12.90688	24.45417	31.18847	4
2040.495	2041.182	1396.682	73.82401	68.05163	72.84751	70.43717	63.18127	0	36.81873	16.13912	20.67961	31.16501	4
2040.5	2041.187	1396.687	76.12311	56.53144	75.67812	75.9377	59.73478	0.39458	39.87064	26.28059	13.59005	30.80315	4
2040.505	2041.192	1396.692	84.73854	101.4357	84.89923	88.0883	36.24775	7.8011	55.95115	25.40716	30.54399	27.343	4
2040.51	2041.197	1396.697	81.46294	102.7344	81.37642	83.60135	40.86293	5.868254	53.26882	30.61572	22.65309	27.59544	4
2040.515	2041.202	1396.702	80.80782	51.53528	80.44936	80.39992	55.96334	1.48714	42.54952	11.77256	30.77696	30.59159	4
2040.52	2041.207	1396.707	82.36528	37.15796	81.93265	81.63599	58.58457	0.798173	40.61726	16.65474	23.96252	31.43302	4
2040.525	2041.212	1396.712	82.0439	28.34211	81.38878	80.49881	62.73799	0	37.26201	17.90938	19.35263	31.81164	4
2040.53	2041.217	1396.717	81.79668	22.82648	81.4753	80.64714	61.71373	0	38.28627	6.816438	31.46983	32.29332	4
2040.535	2041.222	1396.722	81.37642	28.89215	80.74602	80.47408	63.02737	0	36.97263	12.75818	24.21445	31.59502	4
2040.54	2041.226	1396.726	80.20215	47.71559	79.16385	79.06496	62.71369	0	37.28631	22.22244	15.06387	31.03333	6
2040.545	2041.231	1396.731	81.58655	61.68039	80.44936	79.07732	58.82692	0.375258	40.79782	10.23296	30.56486	31.20018	6
2040.55	2041.236	1396.736	90.41211	132.3905	88.1501	84.63965	42.31296	3.126106	54.56094	19.35982	35.20111	28.97479	6
2040.555	2041.241	1396.741	102.8717	239.5405	99.25004	97.55662	15.45733	3.019991	81.52268	57.83647	23.68621	28.9557	6
2040.56	2041.246	1396.746	107.1115	193.0778	106.2586	108.0509	1.342532	22.75395	75.90352	75.90352	0	-9999	6
2040.565	2041.251	1396.751	122.0927	201.4353	121.487	118.9901	0	47.97817	52.02183	52.02183	0	-9999	6
2040.57	2041.256	1396.756	114.5526	183.773	114.5897	113.8233	0	42.41146	57.58854	57.58854	0	-9999	6
2040.575	2041.261	1396.761	120.5847	251.7177	121.8949	126.0357	0	85.48765	14.51235	14.51235	0	-9999	6
2040.58	2041.266	1396.766	116.7281	215.0792	116.7034	115.6404	0	47.91999	52.08001	52.08001	0	-9999	6
2040.585	2041.27	1396.77	121.9073	227.7759	123.0692	125.0222	0	85.88719	14.11281	14.11281	0	-9999	6
2040.59	2041.275	1396.775	122.9208	267.5771	124.3918	127.964	0	99.72784	0.272161	0.272161	0	-9999	6
2040.595	2041.28	1396.78	120.0902	308.9978	121.5117	120.5105	0	89.7017	10.2983	10.2983	0	-9999	6
2040.6	2041.285	1396.785	118.8665	189.3345	119.8677	121.1656	0	69.2509	30.7491	30.7491	0	-9999	6
2040.605	2041.29	1396.79	122.0061	193.8723	122.1297	122.0556	0	62.03595	37.96405	37.96405	0	-9999	6
2040.61	2041.295	1396.795	118.5822	170.1138	119.1261	117.7541	0	58.84336	41.15664	41.15664	0	-9999	6

2040.615	2041.3	1396.8	116.0359	186.9663	117.6799	118.5451	0	71.01281	28.98719	28.98719	0	-9999	6
2040.62	2041.305	1396.805	114.3796	319.586	117.7788	119.0396	0	100	0	0	0	-9999	6
2040.625	2041.31	1396.81	116.7899	315.1399	122.4511	128.5079	0	100	0	0	0	-9999	6
2040.63	2041.314	1396.814	122.7478	355.048	126.8639	130.226	0	100	0	0	0	-9999	6
2040.635	2041.319	1396.819	122.2039	340.8693	126.4684	131.9318	0	100	0	0	0	-9999	6
2040.64	2041.324	1396.824	120.7453	349.5782	127.4201	132.2161	0	100	0	0	0	-9999	6
2040.645	2041.329	1396.829	120.3127	303.3294	125.2323	129.3855	0	100	0	0	0	-9999	6
2040.65	2041.334	1396.834	121.5612	246.416	124.367	130.8441	0	100	0	0	0	-9999	6
2040.655	2041.339	1396.839	119.5093	201.313	121.7466	125.0222	0	96.38643	3.613573	3.613573	0	-9999	6
2040.66	2041.344	1396.844	112.0187	190.2054	113.4896	115.7145	0	56.82555	43.17445	43.17445	0	-9999	6
2040.665	2041.349	1396.849	109.6207	191.6721	107.1115	104.0954	12.21083	8.241199	79.54797	55.96429	23.58368	29.84796	6
2040.67	2041.354	1396.854	98.02632	99.92314	96.43179	94.9485	37.99202	5.69034	56.31764	38.39105	17.92659	29.07765	6
2040.675	2041.359	1396.859	92.94606	125.8512	90.27614	87.35901	44.72549	1.25413	54.02038	27.09125	26.92913	29.46643	6
2040.68	2041.363	1396.863	96.65428	147.7915	96.2093	97.79147	18.76116	14.75713	66.48171	40.89662	25.5851	27.54698	5
2040.685	2041.368	1396.868	96.43179	165.5454	96.14749	97.32176	13.42406	16.71336	69.86259	43.76776	26.09483	27.81361	5
2040.69	2041.373	1396.873	93.09439	175.66	91.79651	88.22426	21.90199	10.6157	67.48231	51.34743	16.13488	28.09629	5
2040.695	2041.378	1396.878	91.85832	121.1606	90.1649	87.35901	39.29348	4.867697	55.83882	19.22561	36.61321	28.82059	5
2040.7	2041.383	1396.883	93.40341	130.8474	92.43927	91.88304	29.87586	9.24097	60.88317	33.18085	27.70232	27.89484	5
2040.705	2041.388	1396.888	93.00787	114.0866	91.5493	90.33795	38.1277	5.710017	56.16228	33.70236	22.45992	28.58114	5
2040.71	2041.393	1396.893	95.96208	102.2761	96.64192	100.8322	21.69531	17.54939	60.75529	38.59316	22.16214	27.07964	5
2040.715	2041.398	1396.898	95.66542	90.72532	96.01152	97.77911	27.35	14.61711	58.03288	42.42878	15.60411	27.63563	5
2040.72	2041.403	1396.903	91.85832	88.81548	91.00543	91.33917	40.6069	6.260663	53.13243	28.25988	24.87256	28.64961	5
2040.725	2041.407	1396.907	88.39731	116.0575	86.77806	87.81636	43.13778	4.038431	52.82378	35.68756	17.13622	28.23201	5
2040.73	2041.412	1396.912	92.74829	129.5028	90.93126	89.75699	37.41385	5.107459	57.47869	36.87615	20.60254	28.37001	5
2040.735	2041.417	1396.917	93.41577	104.904	92.47635	91.36389	35.95119	7.610528	56.43828	32.93515	23.50313	28.48736	5
2040.74	2041.422	1396.922	94.56532	130.5876	93.16856	90.74585	32.22261	7.609226	60.16816	29.05682	31.11134	28.41302	5
2040.745	2041.427	1396.927	102.0065	126.554	101.3266	98.81741	20.79673	15.52569	63.67759	40.23597	23.44161	28.4256	5
2040.75	2041.432	1396.932	106.9631	92.58933	106.5923	104.182	22.06117	20.35153	57.5873	28.86196	28.72533	28.13017	5
2040.755	2041.437	1396.937	103.9224	100.6412	103.2426	101.2772	25.30498	15.28291	59.41211	25.61743	33.79468	28.37277	5
2040.76	2041.442	1396.942	105.2697	111.0308	105.4675	108.1003	14.74968	24.82141	60.42891	39.32819	21.10072	27.16998	5
2040.765	2041.447	1396.947	106.5923	153.0933	105.7641	102.3031	11.30482	19.82544	68.86975	56.19356	12.67619	28.94308	5
2040.77	2041.452	1396.952	110.5477	131.5044	109.5094	104.6888	14.51886	19.8783	65.60284	49.14315	16.45969	28.96881	5
2040.775	2041.456	1396.956	113.7121	133.9184	112.8098	111.4006	9.969707	25.05003	64.98026	53.38486	11.5954	28.19669	5
2040.78	2041.461	1396.961	117.2596	132.6655	117.2596	118.9283	0.016088	43.87101	56.1129	56.1129	0	-9999	5
2040.785	2041.466	1396.966	121.178	156.149	120.8937	118.9407	0	49.20002	50.79998	50.79998	0	-9999	5
2040.79	2041.471	1396.971	121.7466	215.232	121.2274	117.6799	0	49.8823	50.1177	50.1177	0	-9999	5
2040.795	2041.476	1396.976	117.272	195.7821	116.8394	114.1694	0	41.24335	58.75665	58.75665	0	-9999	5
2040.8	2041.481	1396.981	117.2349	156.1184	117.3832	119.1755	0	47.80197	52.19803	52.19803	0	-9999	5
2040.805	2041.486	1396.986	120.0655	191.1832	122.4017	124.7008	0	100	0	0	0	-9999	5
2040.81	2041.491	1396.991	124.8862	323.4821	129.5215	133.1802	0	100	0	0	0	-9999	5
2040.815	2041.496	1396.996	121.6724	312.2369	124.2187	124.7997	0	100	0	0	0	-9999	5
2040.82	2041.5	1397	108.1868	237.3709	109.7443	109.7319	0	51.90243	48.09757	48.09757	0	-9999	7
2040.825	2041.505	1397.005	107.0867	190.6026	108.7307	110.6343	0	47.30719	52.69281	52.69281	0	-9999	7
2040.83	2041.51	1397.01	108.2239	196.0419	110.0904	111.1781	0	52.65377	47.34623	47.34623	0	-9999	7
2040.835	2041.515	1397.015	113.7245	155.767	116.3944	117.4574	0	77.12425	22.87575	22.87575	0	-9999	7
2040.84	2041.52	1397.02	116.691	169.4568	118.471	120.4363	0	74.36623	25.63377	25.63377	0	-9999	7
2040.845	2041.525	1397.025	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2041.14	2041.814	1397.314	115.1336	82.84148	114.6639	112.1546	17.66971	29.44016	52.89013	34.92886	17.96127	27.21872	7
2041.145	2041.819	1397.319	114.2312	76.65358	113.6379	113.0693	20.95528	25.94714	53.09758	38.75239	14.34519	27.14344	7
2041.15	2041.824	1397.324	111.3017	59.63303	110.5848	109.8803	28.72735	19.44396	51.8287	24.00938	27.81931	27.88444	7
2041.155	2041.829	1397.329	114.5897	80.79412	113.984	114.7875	19.71928	26.57749	53.70323	33.02048	20.68275	26.85426	7
2041.16	2041.834	1397.334	113.4402	139.8466	113.1064	113.2177	4.378672	32.48004	63.14129	61.58635	1.554935	-9999	7
2041.165	2041.84	1397.34	122.2657	162.7953	120.4858	120.8072	1.913661	22.79223	75.29411	75.29411	0	-9999	7
2041.17	2041.845	1397.345	124.8367	132.7725	124.639	125.9739	0	59.00479	40.99521	40.99521	0	-9999	7
2041.175	2041.85	1397.35	128.3843	97.92162	130.2507	132.7229	0	100	0	0	0	-9999	7
2041.18	2041.855	1397.355	123.7737	99.96898	125.5166	127.346	0	98.91082	1.089176	1.089176	0	-9999	7
2041.185	2041.86	1397.36	132.9577	58.45657	133.1308	133.3162	2.191242	96.1784	1.630355	1.630355	0	-9999	7
2041.19	2041.865	1397.365	129.3484	42.35274	129.5462	130.8317	9.217362	79.2784	11.50424	0	11.50424	18.97273	7
2041.195	2041.871	1397.371	128.8787	48.98373	129.3113	130.2507	6.224677	84.65335	9.121972	8.008039	1.113933	-9999	7
2041.2	2041.876	1397.376	126.2459	50.77135	126.32	126.1099	10.99236	64.56686	24.44078	13.12048	11.3203	21.69103	7
2041.205	2041.881	1397.381	123.2793	64.27778	122.9579	122.9826	13.51851	47.37104	39.11044	24.98035	14.1301	24.1724	7
2041.21	2041.886	1397.386	122.9703	51.77974	123.2793	124.3423	11.94175	59.28368	28.77457	17.55259	11.22198	22.54142	7
2041.215	2041.891	1397.391	117.4574	57.96765	117.445	118.9654	18.00682	39.05389	42.93929	32.49031	10.44897	25.16556	7
2041.22	2041.896	1397.396	118.4339	68.09747	118.3597	118.3226	15.13601	40.84032	44.02367	22.39654	21.62713	25.35067	7
2041.225	2041.902	1397.402	117.3461	51.64224	117.136	117.5686	21.17265	35.19828	43.62907	25.51009	18.11898	25.70459	7
2041.23	2041.907	1397.407	115.9123	65.95844	116.382	115.9865	13.7585	43.74631	42.49519	33.32356	9.171626	25.36056	7
2041.235	2041.912	1397.412	119.1508	90.22112	119.3362	119.2497	7.110805	48.56811	44.32109	44.32109	0	-9999	7
2041.24	2041.917	1397.417	112.6614	85.04162	113.0199	114.0706	12.99334	36.48216	50.5245	34.16912	16.35537	26.21775	7
2041.245	2041.922	1397.422	112.5873	97.82995	112.6985	112.031	11.88271	34.00462	54.11267	49.33133	4.78134	26.91334	7
2041.25	2041.927	1397.427	118.2114	128.1889	118.2732	119.4475	0	46.7087	53.2913	53.2913	0	-9999	7
2041.255	2041.932	1397.432	118.1125	82.49007	118.3474	120.906	9.553775	46.33444	44.11178	24.00576	20.10603	24.74189	7
2041.26	2041.938	1397.438	117.6922	107.2875	118.2979	118.471	1.065568	53.24257	45.69187	45.69187	0	-9999	7
2041.265	2041.943	1397.443	115.3684	102.0163	115.7393	115.8134	6.299223	43.42802	50.27276	50.27276	0	-9999	7

2041.27	2041.948	1397.448	123.9097	80.04546	123.8479	124.8738	7.111057	55.85825	37.0307	33.30129	3.729403	-9999	7
2041.275	2041.953	1397.453	118.6564	84.88883	118.5204	118.6193	11.34678	41.40421	47.24901	43.77423	3.474779	25.5803	7
2041.28	2041.958	1397.458	116.5921	70.1601	116.7652	116.6787	14.41535	40.95739	44.62727	38.53294	6.094325	25.53778	7
2041.285	2041.963	1397.463	118.2979	71.42824	118.3226	120.0531	13.68869	42.44503	43.86629	20.54423	23.32206	24.95078	7
2041.29	2041.969	1397.469	115.6527	93.71996	114.9976	114.1447	15.99643	28.326	55.67757	29.06232	26.61525	27.12688	7
2041.295	2041.974	1397.474	116.3202	88.20433	116.0977	115.3808	13.36429	35.49208	51.14363	33.91252	17.23111	26.42456	7
2041.3	2041.979	1397.479	116.5056	102.0927	116.7034	116.2708	6.575662	43.30991	50.11443	40.34032	9.774104	-9999	7
2041.305	2041.984	1397.484	113.5267	113.5212	113.5514	114.3054	7.891722	35.60314	56.50514	52.12855	4.376598	-9999	7
2041.31	2041.989	1397.489	112.5502	94.1936	112.3524	112.1052	15.19171	29.75938	55.04891	36.90092	18.14798	27.02232	7
2041.315	2041.994	1397.494	113.2053	137.5089	112.1299	109.7814	10.90819	22.52024	66.57157	48.54477	18.0268	28.54872	7
2041.32	2042	1397.5	106.4811	99.51061	106.0237	106.753	21.50029	19.49405	59.00565	40.45257	18.55309	27.62507	7
2041.325	2042.005	1397.505	104.1572	144.2163	103.5763	102.2166	13.77739	19.22253	67.00008	47.74739	19.25269	28.35564	7
2041.33	2042.01	1397.51	100.6592	136.1797	98.11285	93.86076	34.172	3.072401	62.7556	25.377	37.3786	29.46715	7
2041.335	2042.015	1397.515	101.2278	120.9467	99.05226	95.82611	34.4614	4.485391	61.05321	24.98712	36.06609	29.34101	7
2041.34	2042.02	1397.52	99.15115	110.7558	96.81497	92.90898	40.08342	2.434059	57.48252	22.74872	34.7338	29.86323	7
2041.345	2042.025	1397.525	99.84335	98.86891	98.16229	94.57768	37.24605	5.7409	57.01305	29.92843	27.08462	29.52702	7
2041.35	2042.03	1397.53	100.3872	71.84077	99.78155	98.71852	34.95228	11.16607	53.88166	28.77405	25.1076	28.75894	7
2041.355	2042.036	1397.536	101.6357	100.244	100.8322	99.2624	28.46287	12.59398	58.94315	30.00152	28.94163	28.44326	7
2041.36	2042.041	1397.541	109.3117	105.9735	108.8543	108.1992	17.33211	23.08916	59.57874	37.79235	21.78639	27.71336	7
2041.365	2042.046	1397.546	113.5267	87.11953	113.23	112.0558	16.77162	29.54457	53.6838	43.66416	10.01964	27.07495	7
2041.37	2042.051	1397.551	110.2511	71.61158	110.3005	110.4983	20.85581	27.62636	51.51783	30.70466	20.81317	26.9468	7
2041.375	2042.056	1397.556	113.675	75.29377	114.0335	115.0841	14.41983	37.83819	47.74199	28.11584	19.62615	25.88693	7
2041.38	2042.061	1397.561	112.4142	110.7252	112.8098	114.5032	6.717956	38.21874	55.06331	52.06812	2.995183	-9999	7
2041.385	2042.067	1397.567	113.539	115.5839	113.984	118.5204	4.12414	41.46508	54.41078	54.41078	0	-9999	7
2041.39	2042.072	1397.572	123.7984	103.0858	124.7255	124.9727	0	79.71662	20.28338	20.28338	0	-9999	7
2041.395	2042.077	1397.577	121.8455	86.43199	122.3028	123.0197	3.441203	61.20461	35.35419	35.35419	0	-9999	7
2041.4	2042.082	1397.582	117.9889	81.69557	118.5822	119.3486	7.081688	52.10878	40.80954	28.90694	11.9026	-9999	7
2041.405	2042.087	1397.587	118.6069	90.22112	119.0025	120.0531	5.982641	50.89633	43.12103	37.46665	5.654382	-9999	7
2041.41	2042.092	1397.592	120.3251	72.45192	120.6217	122.3399	9.468464	52.54031	37.99123	19.82718	18.16405	23.89809	7
2041.415	2042.098	1397.598	119.9419	103.9109	119.9172	121.5364	4.698606	47.63336	47.66803	47.66803	0	-9999	7
2041.42	2042.103	1397.603	123.3287	104.3845	123.3535	125.121	1.084909	57.71818	41.19691	41.19691	0	-9999	7
2041.425	2042.108	1397.608	119.5958	86.50838	119.7688	121.6477	7.695696	49.22686	43.07744	28.9116	14.16584	-9999	7
2041.43	2042.113	1397.613	116.1224	111.153	115.8011	115.4426	8.759013	35.18373	56.05726	48.88431	7.172951	26.88299	7
2041.435	2042.118	1397.618	111.8951	79.43431	111.277	110.0162	22.62322	22.66661	54.71016	30.47252	24.23764	27.63702	7
2041.44	2042.123	1397.623	110.1522	75.26321	109.8308	108.5577	22.93697	23.5527	53.51034	36.42541	17.08493	27.57506	7
2041.445	2042.128	1397.628	113.0693	93.12409	111.9321	110.6714	22.25339	18.61464	59.13197	28.71354	30.41844	28.05917	7
2041.45	2042.134	1397.634	111.0793	102.2761	110.4859	109.7814	17.65447	23.48132	58.86421	38.38187	20.48234	27.64534	7
2041.455	2042.139	1397.639	116.1472	145.5608	116.2337	115.4673	0	43.74382	56.25618	56.25618	0	-9999	7
2041.46	2042.144	1397.644	110.5354	180.6867	109.8061	108.7554	0.233208	26.59716	73.16963	73.16963	0	-9999	7
2041.465	2042.149	1397.649	108.1745	142.3828	108.5082	109.4847	3.436345	32.30918	64.25447	60.68278	3.571692	-9999	7
2041.47	2042.154	1397.654	111.6355	140.091	111.9816	114.5279	0.711045	38.10743	61.18152	61.18152	0	-9999	7
2041.475	2042.159	1397.659	112.1794	152.1307	112.3401	115.1089	0	37.57869	62.42131	62.42131	0	-9999	7
2041.48	2042.165	1397.665	118.7182	138.5326	118.0754	118.8912	2.235756	36.52796	61.23629	61.23629	0	-9999	7
2041.485	2042.17	1397.67	118.2238	143.0093	117.2349	114.738	4.289553	30.34126	65.36919	65.36919	0	-9999	7
2041.49	2042.175	1397.675	114.5897	120.7787	113.5761	111.4254	13.20428	23.74191	63.05381	53.72102	9.332787	28.14067	7
2041.495	2042.18	1397.68	109.9173	87.45567	109.1386	108.3723	23.7469	19.08987	57.16324	33.00566	24.15758	27.90386	7
2041.5	2042.185	1397.685	114.0829	80.10658	113.7863	112.4637	17.95702	29.96419	52.07879	26.79684	25.28194	26.96297	7
2041.505	2042.19	1397.69	112.5007	74.46871	112.3153	111.0916	19.91483	28.50624	51.57894	21.92067	29.65827	27.07397	7
2041.51	2042.196	1397.696	113.4402	64.72086	113.4154	112.4019	20.1642	31.49442	48.34138	23.64726	24.69412	26.65766	7
2041.515	2042.201	1397.701	114.9234	60.54976	114.6268	114.5032	21.91649	30.04152	48.042	19.68859	28.35341	26.53236	7
2041.52	2042.206	1397.706	115.183	79.83156	114.7875	114.2065	17.77785	30.37211	51.85004	41.03999	10.81005	26.74244	7
2041.525	2042.211	1397.711	116.1472	76.11882	115.7393	115.2201	17.88512	31.56545	50.54943	37.75433	12.7951	26.53885	7
2041.53	2042.216	1397.716	113.7986	89.97666	114.4167	115.3932	8.741137	42.69427	48.56459	31.077	17.48759	25.89446	7
2041.535	2042.221	1397.721	110.5725	126.0346	111.9692	111.549	0	47.94668	52.05332	52.05332	0	-9999	7
2041.54	2042.226	1397.726	116.1224	196.9433	116.7776	117.3585	0	55.99621	44.00379	44.00379	0	-9999	7
2041.545	2042.232	1397.732	115.7887	176.3781	117.5686	119.4475	0	71.7045	28.2955	28.2955	0	-9999	7
2041.55	2042.237	1397.737	116.6663	125.5151	117.4945	117.9271	0	55.38743	44.61257	44.61257	0	-9999	7
2041.555	2042.242	1397.742	120.8195	91.76428	120.152	120.2509	11.81206	36.8066	51.38134	40.96714	10.4142	25.95918	7
2041.56	2042.247	1397.747	114.0953	93.59773	114.4414	114.3054	9.699418	39.76578	50.53481	38.80701	11.72779	26.30807	7
2041.565	2042.252	1397.752	112.7974	112.8948	113.0323	111.3759	7.085732	37.00598	55.90829	53.68269	2.225595	-9999	7
2041.57	2042.257	1397.757	102.847	122.7343	101.7098	100.004	24.49224	12.47828	63.02947	29.37242	33.65705	28.42667	7
2041.575	2042.263	1397.763	102.5504	142.6579	101.957	100.5479	15.72867	17.67435	66.59699	50.89275	15.70423	28.3001	7
2041.58	2042.268	1397.768	94.00909	97.31047	94.2563	92.45163	28.04659	13.24401	58.7094	42.61471	16.09469	28.27382	7
2041.585	2042.273	1397.773	94.07089	96.9285	92.48872	92.08081	42.25993	4.299698	53.44037	29.1447	24.29567	29.04373	7
2041.59	2042.278	1397.778	98.07577	112.3906	96.60484	94.04617	33.97145	7.257461	58.77109	35.70256	23.06853	28.87194	7
2041.595	2042.283	1397.783	99.25004	136.2102	97.63078	96.06097	28.27633	8.428268	63.2954	29.02836	34.26704	28.39843	7
2041.6	2042.288	1397.788	102.3526	139.0368	101.9818	103.6999	15.06259	18.93631	66.0011	48.55266	17.44844	27.69226	7
2041.605	2042.294	1397.794	102.402	170.6638	101.6975	98.48367	9.949844	18.61894	71.43122	57.0794	14.35182	28.99746	7
2041.61	2042.299	1397.799	110.5601	132.7878	109.7443	108.6195	12.47258	22.43016	65.09726	54.39763	10.69963	28.196	7
2041.615	2042.304	1397.804	106.6294	97.82995	106.2586	105.9001	21.09998	20.33952	58.56049	34.25478	24.30572	27.76515	7
2041.62	2042.309	1397.809	108.0385	141.7717	107.6553	107.816	9.265483	24.76876	65.96576	57.29558	8.670185	28.06602	7
2041.625	2042.314	1397.814	107.3092	159.5715	107.371	105.554	2.180237	29.47335	68.34642	68.34642	0	-9999	7
2041.63	2042.319	1397.819	114.8369	152.5432	114.8616	116.246	0	40.67048	59.32952	59.32952	0	-9999	7

2041.635	2042.324	1397.824	109.9544	147.9138	110.5725	108.8543	0	38.80236	61.19764	61.19764	0	-9999	7
2041.64	2042.33	1397.83	108.5206	153.9183	107.7171	105.4428	9.139551	21.89909	68.96136	57.94011	11.02125	28.78078	7
2041.645	2042.335	1397.835	99.00282	108.1126	97.06219	93.05731	37.79408	4.537336	57.66858	31.16597	26.50261	29.59252	7
2041.65	2042.34	1397.84	95.31932	58.89965	94.33046	94.04617	45.71616	5.102952	49.18089	23.21937	25.96152	29.77564	7
2041.655	2042.345	1397.845	95.2328	55.09524	94.62712	94.44171	43.74677	6.783115	49.47012	31.1166	18.35352	29.48555	7
2041.66	2042.35	1397.85	94.9485	49.96157	94.36755	94.07089	45.05908	6.407424	48.5335	33.63279	14.90071	29.70063	7
2041.665	2042.355	1397.855	95.22044	79.02179	93.86076	93.35397	43.81145	4.540447	51.6481	17.40566	34.24245	29.44696	7
2041.67	2042.361	1397.861	98.86685	121.4968	96.5554	93.63826	37.55407	3.258998	59.18693	22.50189	36.68504	29.3413	7
2041.675	2042.366	1397.866	103.9842	158.4561	103.0201	100.8817	13.46023	16.968	69.57177	52.74324	16.82853	28.65016	7
2041.68	2042.371	1397.871	111.9816	214.5292	112.9704	114.9111	0	52.01359	47.98641	47.98641	0	-9999	7
2041.685	2042.376	1397.876	118.5081	159.2048	117.5192	115.1707	0.108691	31.84516	68.04615	68.04615	0	-9999	7
2041.69	2042.381	1397.881	119.2497	109.4724	118.6317	117.2225	8.587746	35.94102	55.47124	49.10377	6.367465	26.81987	7
2041.695	2042.386	1397.886	120.9678	93.06297	120.8813	118.9901	6.858916	48.26238	44.8787	30.0397	14.839	-9999	7
2041.7	2042.392	1397.892	116.9877	94.7742	116.9259	115.8629	9.914952	39.75087	50.33418	29.59246	20.74171	26.27106	7
2041.705	2042.397	1397.897	123.1928	83.78876	122.6118	121.487	10.88817	42.95484	46.15699	42.94678	3.210208	25.25405	7
2041.71	2042.402	1397.902	124.1816	104.3845	123.8603	122.7354	2.982528	52.43339	44.58409	44.58409	0	-9999	7
2041.715	2042.407	1397.907	123.1433	145.3164	122.5253	120.7701	0	46.21631	53.78369	53.78369	0	-9999	7
2041.72	2042.412	1397.912	119.4722	179.4186	120.152	119.3362	0	64.51892	35.48108	35.48108	0	-9999	7
2041.725	2042.417	1397.917	123.3164	123.9414	123.4894	123.1062	0	62.26014	37.73986	37.73986	0	-9999	7
2041.73	2042.422	1397.922	125.6278	112.4976	125.7885	125.6278	0	68.76491	31.23509	31.23509	0	-9999	7
2041.735	2042.428	1397.928	121.7342	140.3355	121.4128	122.4758	0	48.7109	51.2891	51.2891	0	-9999	7
2041.74	2042.433	1397.933	117.0866	137.8298	116.9753	111.3017	0	42.07407	57.92593	57.92593	0	-9999	7
2041.745	2042.438	1397.938	124.503	141.6189	123.9839	122.6983	0	51.31991	48.68009	48.68009	0	-9999	7
2041.75	2042.443	1397.943	124.0827	135.8588	123.5389	125.6278	0	49.34966	50.65034	50.65034	0	-9999	7
2041.755	2042.448	1397.948	124.4412	104.6137	124.2929	123.9468	1.347117	57.10079	41.5521	41.5521	0	-9999	7
2041.76	2042.453	1397.953	119.8059	97.99802	119.9048	120.3004	5.296657	49.17582	45.52752	45.52752	0	-9999	7
2041.765	2042.459	1397.959	121.8578	115.9658	122.2039	119.843	0	60.93093	39.06907	39.06907	0	-9999	7
2041.77	2042.464	1397.964	117.0742	89.39607	116.8023	116.2213	12.76538	36.2335	51.00111	32.41043	18.59069	26.31496	7
2041.775	2042.469	1397.969	120.5599	122.8871	120.0779	119.8059	3.082204	41.84028	55.07752	53.59067	1.486846	-9999	7
2041.78	2042.474	1397.974	117.2967	106.1416	117.1237	115.8999	7.741905	39.37306	52.88503	40.21113	12.6739	-9999	7
2041.785	2042.479	1397.979	113.057	133.2156	112.6243	111.6726	7.102264	30.17392	62.72382	61.597	1.126819	-9999	7
2041.79	2042.484	1397.984	116.0606	121.894	115.0965	113.3165	11.19793	26.3331	62.46897	43.5307	18.93827	27.9245	7
2041.795	2042.49	1397.99	117.7046	131.3363	117.1237	117.0989	4.430776	35.2935	60.27572	60.27572	0	-9999	7
2041.8	2042.495	1397.995	118.3968	125.7137	117.4203	116.9753	8.220078	29.62424	62.15569	53.14848	9.007206	27.52791	7
2041.805	2042.5	1398	118.1125	142.6273	117.4698	115.6651	1.802058	35.75503	62.44291	62.44291	0	-9999	7
2041.81	2042.505	1398.005	119.0643	123.5288	119.1137	118.9778	0.183694	48.18162	51.63468	51.63468	0	-9999	7
2041.815	2042.51	1398.01	116.6169	138.4104	115.9617	114.0706	4.29435	32.82423	62.88142	62.88142	0	-9999	7
2041.82	2042.515	1398.015	111.6602	142.994	110.4736	108.4217	11.86445	20.02854	68.10701	58.99423	9.112782	28.65954	7
2041.825	2042.52	1398.02	112.612	95.52286	112.3771	113.3784	15.10056	29.47681	55.42263	42.02376	13.39887	26.82218	7
2041.83	2042.526	1398.026	113.8728	132.7419	112.9828	109.9915	10.01078	25.32542	64.6638	51.82459	12.83921	28.44154	7
2041.835	2042.531	1398.031	112.1546	92.22264	112.1917	112.9457	14.21247	31.93742	53.85011	42.09162	11.75849	26.68634	7
2041.84	2042.536	1398.036	116.6292	56.66895	116.8764	117.3709	17.07131	41.30138	41.6273	14.91441	26.71289	25.18836	7
2041.845	2042.541	1398.041	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2042.145	2042.851	1398.351	113.4154	87.34872	112.785	110.4489	19.40499	25.03985	55.55515	38.55259	17.00256	27.64507	7
2042.15	2042.856	1398.356	111.3265	184.7356	112.3648	113.5514	0	49.15945	50.84055	50.84055	0	-9999	7
2042.155	2042.861	1398.361	119.6947	124.2164	120.3745	120.3004	0	61.46854	38.53146	38.53146	0	-9999	7
2042.16	2042.866	1398.366	115.5786	66.32513	115.7516	116.6045	16.2759	38.51326	45.21083	29.24982	15.96101	25.58229	7
2042.165	2042.871	1398.371	115.0594	90.25168	115.7516	115.1583	6.939878	46.72473	46.33539	41.80269	4.532698	-9999	7
2042.17	2042.876	1398.376	113.5638	116.3631	115.0594	116.6169	0	56.37397	43.62603	43.62603	0	-9999	7
2042.175	2042.882	1398.382	115.0471	107.15	116.6045	117.8035	0	61.06743	38.93257	38.93257	0	-9999	7
2042.18	2042.887	1398.387	114.0829	118.6396	115.4179	116.6416	0	55.63813	44.36187	44.36187	0	-9999	7
2042.185	2042.892	1398.392	115.5415	114.7588	117.2967	116.7281	0	66.31216	33.68784	33.68784	0	-9999	7
2042.19	2042.897	1398.397	112.2412	134.6671	114.5526	117.8529	0	65.26609	34.73391	34.73391	0	-9999	7
2042.195	2042.902	1398.402	114.256	109.121	115.2572	120.0284	0.717792	50.56288	48.71933	48.71933	0	-9999	7
2042.2	2042.907	1398.407	112.2659	141.023	112.7727	112.4513	0	41.40882	58.59118	58.59118	0	-9999	7
2042.205	2042.912	1398.412	111.7344	119.5869	112.5131	114.874	2.229215	42.35545	55.41533	55.41533	0	-9999	7
2042.21	2042.918	1398.418	111.4254	126.0651	113.2671	117.272	0	55.83523	44.16477	44.16477	0	-9999	7
2042.215	2042.923	1398.423	112.2041	159.0061	115.1459	118.0754	0	75.80504	24.19496	24.19496	0	-9999	7
2042.22	2042.928	1398.428	111.2523	106.0346	112.3771	114.7257	3.270088	44.7738	51.95611	51.95611	0	-9999	7
2042.225	2042.933	1398.433	110.9186	131.6266	112.8592	115.5168	0	56.10446	43.89554	43.89554	0	-9999	7
2042.23	2042.938	1398.438	109.7072	139.541	111.2523	113.8481	0	48.6168	51.3832	51.3832	0	-9999	7
2042.235	2042.943	1398.443	108.5082	132.6044	109.7072	114.429	0	41.53822	58.46178	58.46178	0	-9999	7
2042.24	2042.949	1398.449	109.324	137.1269	110.6219	112.031	0	44.67617	55.32383	55.32383	0	-9999	7
2042.245	2042.954	1398.454	109.9297	163.3911	112.1794	112.612	0	59.42526	40.57474	40.57474	0	-9999	7
2042.25	2042.959	1398.459	106.444	139.0826	107.2722	110.2387	1.995233	34.3276	63.67717	63.67717	0	-9999	7
2042.255	2042.964	1398.464	107.8655	134.1629	109.0397	109.9915	0	40.09495	59.90505	59.90505	0	-9999	7
2042.26	2042.969	1398.469	105.3562	142.9329	106.2091	107.4576	1.872606	33.07342	65.05397	65.05397	0	-9999	7
2042.265	2042.974	1398.474	102.7605	155.2781	103.1684	106.8272	4.721794	26.49021	68.788	61.76219	7.02581	-9999	7
2042.27	2042.98	1398.48	103.2426	191.6416	103.5516	97.72967	0	28.72395	71.27605	71.27605	0	-9999	7
2042.275	2042.985	1398.485	100.2636	141.1605	100.7086	101.648	10.14798	22.98094	66.87108	56.39844	10.47264	28.00119	7
2042.28	2042.99	1398.49	102.2537	147.4707	102.4267	103.7123	8.897561	23.54557	67.55687	64.99803	2.558835	28.01047	7
2042.285	2042.995	1398.495	101.475	194.6362	101.512	100.4243	0	24.90234	75.09766	75.09766	0	-9999	7
2042.29	2043	1398.5	103.8729	152.6654	104.5775	109.2128	2.031495	30.20902	67.75949	67.75949	0	-9999	7

2042.295	2043.005	1398.505	96.38235	148.2804	96.51831	95.54182	14.39062	17.89494	67.71444	55.26961	12.44484	28.16541	7
2042.3	2043.01	1398.51	95.09683	128.0361	94.77545	94.70129	24.01687	13.11255	62.87057	33.62104	29.24953	27.78457	7
2042.305	2043.016	1398.516	94.61476	126.7679	94.84962	94.24394	20.45646	15.61851	63.92503	39.84413	24.0809	27.90769	7
2042.31	2043.021	1398.521	90.89418	141.8328	91.64819	93.92256	16.21028	16.37797	67.41175	48.55657	18.85518	27.44553	7
2042.315	2043.026	1398.526	89.5345	112.6045	89.68283	89.42325	29.22842	10.93123	59.84035	33.36333	26.47703	27.79785	7
2042.32	2043.031	1398.531	88.73105	113.0629	88.81758	87.38373	30.33564	10.27495	59.38941	25.82029	33.56912	28.00167	7
2042.325	2043.036	1398.536	90.59752	162.5661	90.59752	90.86946	17.30928	14.28835	68.40236	39.3463	29.05606	27.56462	7
2042.33	2043.041	1398.541	95.04739	141.5425	95.19572	91.59874	17.15357	16.48058	66.36585	48.36669	17.99916	28.51817	7
2042.335	2043.047	1398.547	91.73471	202.4742	90.78293	86.7657	13.98157	13.45576	72.56267	49.01103	23.55164	28.30626	7
2042.34	2043.052	1398.552	85.10936	102.1997	84.23175	79.53467	43.76856	4.720134	51.51131	26.64272	24.86859	29.29493	7
2042.345	2043.057	1398.557	102.0436	138.1353	102.5133	96.44415	9.050936	24.96434	65.98473	54.23296	11.75177	29.27848	7
2042.35	2043.062	1398.562	101.7716	142.4745	101.4379	100.3996	14.47776	18.93705	66.58519	49.24152	17.34367	28.21985	7
2042.355	2043.067	1398.567	99.28712	128.2194	98.70616	97.17343	22.12915	14.36315	63.5077	30.08431	33.42339	28.17437	7
2042.36	2043.072	1398.572	100.8322	114.8505	100.4737	97.45773	22.21862	16.10515	61.67623	32.24568	29.43054	28.43962	7
2042.365	2043.078	1398.578	100.758	121.3134	100.7951	99.46017	17.65736	19.25712	63.08552	32.12879	30.95673	28.10008	7
2042.37	2043.083	1398.583	94.12033	96.47014	93.10675	92.53816	37.91877	6.988482	55.09275	22.73116	32.36159	28.62646	7
2042.375	2043.088	1398.588	98.64436	106.5694	98.40951	98.05104	25.27751	14.62695	60.09554	43.06538	17.03016	27.97401	7
2042.38	2043.093	1398.593	99.80627	123.4524	99.48489	98.43423	20.79343	16.11405	63.09252	43.21966	19.87286	28.06694	7
2042.385	2043.098	1398.598	101.8211	122.4135	102.0436	97.50717	14.97623	21.76477	63.259	34.44863	28.81037	28.70105	7
2042.39	2043.103	1398.603	100.1153	122.8566	100.0782	101.5368	18.45003	18.25006	63.29991	42.09897	21.20093	27.59131	7
2042.395	2043.108	1398.608	99.6703	117.127	99.22531	98.89157	23.40723	14.76761	61.82516	39.89366	21.9315	27.96093	7
2042.4	2043.114	1398.614	98.53311	142.9634	95.85083	91.74707	35.54005	2.585417	61.87454	27.95926	33.91528	29.28151	7
2042.405	2043.119	1398.619	100.6962	152.9863	99.64558	98.13757	18.4794	13.85486	67.66573	44.78295	22.88278	28.28708	7
2042.41	2043.124	1398.624	97.23524	120.0453	96.87678	95.25752	24.2707	13.76408	61.96522	33.9997	27.96552	28.1541	7
2042.415	2043.129	1398.629	97.76675	127.1193	96.98802	94.77545	25.32684	12.12079	62.55238	36.06353	26.48884	28.30259	7
2042.42	2043.134	1398.634	97.27232	132.4822	96.56776	95.61598	23.90913	12.62575	63.46512	44.40046	19.06467	28.01581	7
2042.425	2043.139	1398.639	96.43179	100.5648	95.77667	95.28224	32.02323	10.26286	57.71391	24.24849	33.46542	28.26295	7
2042.43	2043.145	1398.645	95.93736	105.1485	95.49237	96.44415	29.74034	11.42868	58.83098	28.60307	30.22791	27.83863	7
2042.435	2043.15	1398.65	96.08569	120.5953	95.38113	95.18336	27.87745	11.15036	60.97218	31.82361	29.14857	27.93952	7
2042.44	2043.155	1398.655	95.31932	104.1859	94.76309	91.70999	31.40404	10.40361	58.19236	25.55206	32.6403	28.64119	7
2042.445	2043.16	1398.66	96.12277	106.4166	95.66542	92.15498	29.35867	11.56131	59.08002	42.7058	16.37422	28.64812	7
2042.45	2043.165	1398.665	95.48001	95.95066	95.09683	92.5876	31.90799	10.85802	57.23399	36.2612	20.97278	28.60391	7
2042.455	2043.17	1398.67	94.00909	85.83612	93.74951	92.67413	34.75101	9.911494	55.3375	30.51392	24.82358	28.51822	7
2042.46	2043.176	1398.676	93.03259	80.18297	92.99551	91.98193	35.29313	10.01439	54.69248	32.60226	22.09022	28.54811	7
2042.465	2043.181	1398.681	89.63339	80.99275	89.27493	87.64331	40.71511	6.808396	52.47649	20.35487	32.12162	28.96913	7
2042.47	2043.186	1398.686	94.96086	79.38848	94.50351	92.98314	36.96844	9.038287	53.99328	34.10856	19.88472	28.8425	7
2042.475	2043.191	1398.691	100.4861	114.4685	100.3378	98.11285	21.00094	17.24704	61.75202	31.06916	30.68286	28.25623	7
2042.48	2043.196	1398.696	99.76919	89.94611	99.74446	96.11041	26.63698	15.80364	57.55938	38.2159	19.34349	28.6025	7
2042.485	2043.201	1398.701	98.94102	95.40063	99.29948	98.3477	23.10924	17.94901	58.94175	26.76762	32.17413	27.98887	7
2042.49	2043.206	1398.706	97.3094	88.67797	96.97566	96.95094	31.60177	11.84223	56.55601	36.93536	19.62065	28.19504	7
2042.495	2043.212	1398.712	96.36999	77.72309	96.01152	94.04617	35.3087	10.32893	54.36237	28.04817	26.31421	28.82964	7
2042.5	2043.217	1398.717	97.07455	103.6206	96.87678	92.20442	27.14796	13.47873	59.37331	43.04951	16.3238	28.80261	7
2042.505	2043.222	1398.722	96.40707	89.36551	96.40707	93.11911	29.67904	13.16126	57.1597	28.66476	28.49494	28.66154	7
2042.51	2043.227	1398.727	96.01152	77.6467	95.61598	94.91142	35.94436	9.888305	54.16734	26.35753	27.8098	28.64206	7
2042.515	2043.232	1398.732	95.94972	69.85453	96.36999	97.49481	31.56441	13.86504	54.57055	35.49173	19.07882	27.97981	7
2042.52	2043.237	1398.737	93.76187	74.14786	93.68771	92.08081	36.37007	9.890613	53.73932	27.4402	26.29912	28.7925	7
2042.525	2043.243	1398.743	94.52824	69.04475	94.86198	93.99672	33.73871	12.1769	54.08439	27.96427	26.12012	28.49056	7
2042.53	2043.248	1398.748	91.30209	43.04029	91.11667	90.47392	47.02327	5.812243	47.16449	32.36578	14.79871	29.94068	7
2042.535	2043.253	1398.753	93.29216	83.22345	92.98314	91.06723	36.42603	9.071023	54.50295	31.2389	23.26405	28.78831	7
2042.54	2043.258	1398.758	95.91264	71.03099	96.18457	94.72601	32.46337	13.07463	54.462	21.06663	33.39537	28.515	7
2042.545	2043.263	1398.763	92.42691	66.29457	92.57524	90.77057	37.77441	9.568332	52.65726	33.71478	18.94248	28.96104	7
2042.55	2043.268	1398.768	93.5023	66.76822	93.89784	91.9572	34.75452	11.55719	53.68829	36.9399	16.7484	28.76199	7
2042.555	2043.274	1398.774	92.59996	79.3732	92.83482	91.9572	33.7796	10.97598	55.24442	24.69977	30.54465	28.4187	7
2042.56	2043.279	1398.779	92.9337	78.89956	93.48993	94.08325	31.0965	12.74155	56.16196	28.32211	27.83985	28.01375	7
2042.565	2043.284	1398.784	91.58638	73.76589	91.90776	91.67291	35.3985	10.31695	54.28455	29.04879	25.23576	28.42176	7
2042.57	2043.289	1398.789	93.76187	75.9202	94.03381	95.15863	33.25889	11.74477	54.99634	31.98254	23.0138	28.05415	7
2042.575	2043.294	1398.794	91.72235	68.20442	92.3033	94.71365	34.60757	11.22818	54.16425	32.40391	21.76034	27.92411	7
2042.58	2043.299	1398.799	95.2946	65.30145	95.61598	95.88792	34.03533	12.46268	53.502	22.92572	30.57628	28.31873	7
2042.585	2043.304	1398.804	97.13635	62.79574	97.48245	97.6555	32.75571	13.9906	53.25369	26.38021	26.87349	28.24306	7
2042.59	2043.31	1398.81	97.51953	51.24499	97.96452	97.08691	34.4321	14.16125	51.40665	30.28365	21.123	28.57302	7
2042.595	2043.315	1398.815	96.70373	55.49248	97.21051	97.82855	33.67577	14.06608	52.25815	28.31814	23.94001	28.23768	7
2042.6	2043.32	1398.82	95.59126	63.89581	95.83847	96.13513	34.67734	12.19664	53.12602	34.30322	18.82281	28.37058	7
2042.605	2043.325	1398.825	96.22166	41.06933	96.44415	96.41943	39.81298	11.02341	49.16361	21.34621	27.81741	28.9988	7
2042.61	2043.33	1398.83	93.34161	59.73998	93.40341	93.14383	39.18967	9.313886	51.49645	35.94437	15.55208	28.86622	7
2042.615	2043.335	1398.835	94.86198	47.3489	95.30696	96.83969	37.8199	11.57119	50.60891	30.06302	20.54589	28.46975	7
2042.62	2043.341	1398.841	94.71365	50.96997	94.93614	95.45529	38.80439	10.51141	50.6842	24.32283	26.36137	28.74592	7
2042.625	2043.346	1398.846	95.40585	53.5368	95.59126	94.1945	37.83378	11.01259	51.15364	24.71865	26.43498	28.99861	7
2042.63	2043.351	1398.851	94.99794	52.11588	94.63948	93.08203	42.76792	7.733039	49.49904	24.87644	24.62259	29.60088	7
2042.635	2043.356	1398.856	93.14383	42.41386	92.90898	92.43927	45.86364	6.585496	47.55087	31.20644	16.34443	29.81079	7
2042.64	2043.361	1398.861	93.99672	54.80494	93.93492	94.1945	40.7392	8.799328	50.46148	28.00212	22.45936	28.97622	7
2042.645	2043.366	1398.866	93.89784	58.21211	93.55174	92.5876	42.20894	7.551756	50.23931	33.23869	17.00062	29.35414	7
2042.65	2043.372	1398.872	93.04495	55.82862	92.97078	91.09195	41.4629	8.200345	50.33676	22.43128	27.90548	29.4221	7
2042.655	2043.377	1398.877	90.98071	41.17628	90.94362	89.75699	46.62048	6.152654	47.22687	20.28101	26.94586	29.98844	7

2042.66	2043.382	1398.882	91.72235	54.5452	91.25264	89.05243	46.05573	5.560934	48.38333	18.64212	29.74121	30.01427	7
2042.665	2043.387	1398.887	91.06723	53.27706	90.95598	90.49864	44.18726	6.696736	49.11601	22.95298	26.16303	29.4368	7
2042.67	2043.392	1398.892	89.74463	47.89894	89.60867	88.37259	46.89715	5.523154	47.5797	23.98403	23.59567	29.93001	7
2042.675	2043.397	1398.897	88.60745	62.71934	88.02649	86.40724	47.80547	4.270274	47.92426	34.32652	13.59774	29.91039	7
2042.68	2043.402	1398.902	88.87938	62.56655	88.2119	86.20946	48.26283	4.042345	47.69483	26.29628	21.39854	30.05933	7
2042.685	2043.408	1398.908	88.54564	66.12651	87.89052	84.51604	47.61256	4.199193	48.18824	21.59445	26.5938	30.16553	7
2042.69	2043.413	1398.913	88.64453	67.01268	88.24898	84.62729	45.29543	5.273606	49.43097	20.45265	28.97832	29.91729	7
2042.695	2043.418	1398.918	87.75456	51.18387	87.69275	86.1971	47.35829	5.042825	47.59888	34.33498	13.2639	29.92613	7
2042.7	2043.423	1398.923	87.18596	41.32907	87.08708	87.06235	50.55365	3.97631	45.47004	24.96326	20.50679	30.19666	7
2042.705	2043.428	1398.928	86.67917	51.04636	86.40724	85.66559	50.00945	3.802337	46.18822	30.1539	16.03432	30.10231	7
2042.71	2043.433	1398.933	86.06114	51.55056	85.7274	85.39366	50.935	3.375523	45.68948	29.94952	15.73995	30.12409	7
2042.715	2043.439	1398.939	84.93631	50.86302	84.91159	85.39366	49.74134	3.879673	46.37899	22.45953	23.91946	29.76338	7
2042.72	2043.444	1398.944	87.87816	62.01652	87.75456	86.66681	45.10205	5.604876	49.29308	24.74425	24.54883	29.45168	10
2042.725	2043.449	1398.949	92.10553	88.90715	91.69763	88.34787	36.90864	8.349018	54.74235	27.49507	27.24728	29.00349	10
2042.73	2043.454	1398.954	92.38983	57.9982	92.19206	90.89418	42.49852	7.374528	50.12695	24.0193	26.10765	29.39833	10
2042.735	2043.459	1398.959	91.8336	51.97837	91.8954	93.06967	42.45535	7.825373	49.71928	34.61624	15.10304	28.96385	10
2042.74	2043.464	1398.964	93.32925	50.22131	92.81009	93.70007	46.00696	5.860169	48.13288	34.58873	13.54415	29.53771	10
2042.745	2043.47	1398.97	102.1424	118.1202	100.6221	98.31062	29.22674	9.026012	61.74725	43.75284	17.99441	28.76167	10
2042.75	2043.475	1398.975	112.0063	166.7983	112.3277	109.6578	0	40.28395	59.71605	59.71605	0	-9999	10
2042.755	2043.48	1398.98	116.3449	177.142	117.2596	117.1237	0	59.39092	40.60908	40.60908	0	-9999	10
2042.76	2043.485	1398.985	116.963	190.129	117.6922	119.0272	0	58.9339	41.0661	41.0661	0	-9999	10
2042.765	2043.49	1398.99	119.4598	142.9787	120.3869	122.3275	0	66.66036	33.33964	33.33964	0	-9999	10
2042.77	2043.495	1398.995	121.5859	135.2935	122.2534	122.859	0	68.01796	31.98204	31.98204	0	-9999	10
2042.775	2043.5	1399	123.2546	124.2775	124.2434	125.7762	0	80.3933	19.6067	19.6067	0	-9999	10
2042.78	2043.506	1399.006	123.3535	125.3623	124.1693	126.2212	0	76.89877	23.10123	23.10123	0	-9999	10
2042.785	2043.511	1399.011	124.058	120.5495	124.3052	125.9616	0	66.06947	33.93053	33.93053	0	-9999	10
2042.79	2043.516	1399.016	124.5525	119.4647	125.121	125.9616	0	75.27282	24.72718	24.72718	0	-9999	10
2042.795	2043.521	1399.021	125.257	133.9337	126.011	127.5561	0	83.5618	16.4382	16.4382	0	-9999	10
2042.8	2043.526	1399.026	124.1693	172.6654	125.6402	127.4943	0	99.09681	0.90319	0.90319	0	-9999	10
2042.805	2043.531	1399.031	123.0197	213.6736	124.0457	128.9405	0	86.33339	13.66661	13.66661	0	-9999	10
2042.81	2043.537	1399.037	124.3423	186.7524	125.2447	127.1111	0	86.99496	13.00504	13.00504	0	-9999	10
2042.815	2043.542	1399.042	124.2064	192.6041	125.0469	126.9134	0	85.35652	14.64348	14.64348	0	-9999	10
2042.82	2043.547	1399.047	124.8986	228.0356	126.2582	126.5178	0	100	0	0	0	-9999	10
2042.825	2043.552	1399.052	124.812	303.2683	126.4066	129.8181	0	100	0	0	0	-9999	10
2042.83	2043.557	1399.057	127.828	267.6382	129.3484	131.1036	0	100	0	0	0	-9999	10
2042.835	2043.562	1399.062	125.9616	217.0807	127.519	133.3533	0	100	0	0	0	-9999	10
2042.84	2043.568	1399.068	123.3658	164.2009	124.6513	126.4807	0	90.41489	9.585109	9.585109	0	-9999	10
2042.845	2043.573	1399.073	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2043.15	2043.887	1399.387	118.1249	367.7599	118.7676	127.4449	0	72.65032	27.34968	27.34968	0	-9999	10
2043.155	2043.892	1399.392	119.0272	320.9611	120.3251	124.367	0	84.19791	15.80209	15.80209	0	-9999	10
2043.16	2043.898	1399.398	124.9727	256.8055	126.901	127.6921	0	100	0	0	0	-9999	10
2043.165	2043.903	1399.403	129.5956	177.8296	130.4856	133.7736	0	100	0	0	0	-9999	10
2043.17	2043.908	1399.408	130.9553	155.7976	131.4868	131.4621	0	100	0	0	0	-9999	10
2043.175	2043.913	1399.413	129.8181	187.3635	130.8935	130.8193	0	100	0	0	0	-9999	10
2043.18	2043.918	1399.418	131.3632	173.414	132.0801	134.3298	0	100	0	0	0	-9999	10
2043.185	2043.923	1399.423	130.362	199.5102	131.1902	132.3397	0	100	0	0	0	-9999	10
2043.19	2043.929	1399.429	129.744	201.3742	130.7946	133.5263	0	100	0	0	0	-9999	10
2043.195	2043.934	1399.434	129.3484	195.828	130.226	130.8317	0	100	0	0	0	-9999	10
2043.2	2043.939	1399.439	131.9442	154.2086	132.7476	133.3657	0	100	0	0	0	-9999	10
2043.205	2043.944	1399.444	131.5857	169.6402	132.6735	134.2803	0	100	0	0	0	-9999	10
2043.21	2043.949	1399.449	129.5091	174.0863	130.4732	133.9342	0	100	0	0	0	-9999	10
2043.215	2043.954	1399.454	127.7292	216.7446	128.9652	132.8341	0	100	0	0	0	-9999	10
2043.22	2043.96	1399.46	129.4844	208.3718	130.5227	130.9059	0	100	0	0	0	-9999	10
2043.225	2043.965	1399.465	129.2248	198.6698	130.362	130.5227	0	100	0	0	0	-9999	10
2043.23	2043.97	1399.47	125.9863	187.7455	126.7279	127.3707	0	89.93818	10.06182	10.06182	0	-9999	10
2043.235	2043.975	1399.475	124.503	181.8937	125.4919	124.3176	0	89.43558	10.56442	10.56442	0	-9999	10
2043.24	2043.98	1399.48	122.1668	164.0023	122.4264	124.8491	0	63.31202	36.68798	36.68798	0	-9999	10
2043.245	2043.985	1399.485	117.7788	193.475	118.6687	121.1903	0	64.18493	35.81507	35.81507	0	-9999	10
2043.25	2043.99	1399.49	112.1794	200.0143	112.4019	114.2312	0	41.59234	58.40766	58.40766	0	-9999	10
2043.255	2043.996	1399.496	105.3933	198.517	104.8124	104.5157	0	24.00275	75.99725	75.99725	0	-9999	10
2043.26	2044.001	1399.501	92.1797	174.1168	89.04007	86.55556	37.3905	2.611843	59.99765	25.96815	34.0295	28.09724	10
2043.265	2044.006	1399.506	103.9595	157.2338	103.1437	101.2401	12.62922	18.04592	69.32486	55.44245	13.88241	28.58895	10
2043.27	2044.011	1399.511	110.5601	129.7779	110.3005	111.5984	8.890172	28.48145	62.62838	47.01264	15.61574	27.49465	10
2043.275	2044.016	1399.516	116.4562	175.0794	115.5291	115.3932	0	30.99314	69.00686	69.00686	0	-9999	10
2043.28	2044.021	1399.521	121.9814	214.5597	122.3028	124.5772	0	67.45087	32.54913	32.54913	0	-9999	10
2043.285	2044.027	1399.527	122.1297	258.639	122.3893	122.1421	0	69.58841	30.41159	30.41159	0	-9999	10
2043.29	2044.032	1399.532	123.2422	199.5102	123.8603	121.1038	0	77.01584	22.98416	22.98416	0	-9999	10
2043.295	2044.037	1399.537	127.3707	183.0244	128.1	126.8392	0	95.38737	4.612633	4.612633	0	-9999	10
2043.3	2044.042	1399.542	129.163	157.0963	129.4967	130.5227	0	90.27881	9.721186	9.721186	0	-9999	10
2043.305	2044.047	1399.547	131.1778	164.4759	132.2037	134.2803	0	100	0	0	0	-9999	10
2043.31	2044.052	1399.552	133.4769	143.926	134.3669	136.4064	0	100	0	0	0	-9999	10
2043.315	2044.058	1399.558	133.687	178.6546	134.713	136.6289	0	100	0	0	0	-9999	10
2043.32	2044.063	1399.563	131.4374	174.9877	132.5004	135.0962	0	100	0	0	0	-9999	10

2043.325	2044.068	1399.568	130.807	216.8516	132.1914	133.4275	0	100	0	0	0	-9999	10
2043.33	2044.073	1399.573	130.3867	244.9492	131.9689	133.4275	0	100	0	0	0	-9999	10
2043.335	2044.078	1399.578	132.8712	193.1389	134.268	134.9602	0	100	0	0	0	-9999	10
2043.34	2044.083	1399.583	135.4175	144.8427	136.0727	135.5782	0	100	0	0	0	-9999	10
2043.345	2044.089	1399.589	138.347	119.6328	138.9898	140.0404	0	100	0	0	0	-9999	10
2043.35	2044.094	1399.594	142.0182	126.004	142.2777	142.9329	0	100	0	0	0	-9999	10
2043.355	2044.099	1399.599	140.572	122.3677	141.2518	141.3754	0	100	0	0	0	-9999	10
2043.36	2044.104	1399.604	137.8032	155.0184	139.1752	139.8056	0	100	0	0	0	-9999	10
2043.365	2044.109	1399.609	134.0826	213.368	135.8007	137.7908	0	100	0	0	0	-9999	10
2043.37	2044.114	1399.614	135.467	178.8227	136.6165	138.1369	0	100	0	0	0	-9999	10
2043.375	2044.119	1399.619	135.5659	188.0511	137.3829	137.4076	0	100	0	0	0	-9999	10
2043.38	2044.125	1399.625	135.7266	179.1436	137.2222	138.5448	0	100	0	0	0	-9999	10
2043.385	2044.13	1399.63	134.7871	198.1351	136.9503	140.2382	0	100	0	0	0	-9999	10
2043.39	2044.135	1399.635	135.8254	213.4291	137.8155	140.0281	0	100	0	0	0	-9999	10
2043.395	2044.14	1399.64	134.7748	216.1182	136.5918	138.6066	0	100	0	0	0	-9999	10
2043.4	2044.145	1399.645	134.5894	227.6536	137.0615	140.8315	0	100	0	0	0	-9999	10
2043.405	2044.15	1399.65	135.9985	160.7174	137.2964	140.4113	0	100	0	0	0	-9999	10
2043.41	2044.156	1399.656	135.9367	189.579	137.1975	136.6907	0	100	0	0	0	-9999	10
2043.415	2044.161	1399.661	136.8267	177.5546	138.174	139.4471	0	100	0	0	0	-9999	10
2043.42	2044.166	1399.666	130.9553	289.609	133.9713	138.9156	0	100	0	0	0	-9999	10
2043.425	2044.171	1399.671	135.4917	228.9982	137.6301	138.4954	0	100	0	0	0	-9999	10
2043.43	2044.176	1399.676	135.8378	197.4628	137.865	138.5695	0	100	0	0	0	-9999	10
2043.435	2044.181	1399.681	135.5411	159.2506	137.3211	138.1493	0	100	0	0	0	-9999	10
2043.44	2044.187	1399.687	138.9527	119.5105	139.9045	139.4966	0	100	0	0	0	-9999	10
2043.445	2044.192	1399.692	138.2976	155.324	139.8674	142.2283	0	100	0	0	0	-9999	10
2043.45	2044.197	1399.697	140.7945	156.9741	141.9564	142.3643	0	100	0	0	0	-9999	10
2043.455	2044.202	1399.702	142.1171	192.0236	143.5509	145.269	0	100	0	0	0	-9999	10
2043.46	2044.207	1399.707	145.0465	214.2847	146.9501	148.8413	0	100	0	0	0	-9999	10
2043.465	2044.212	1399.712	148.2851	176.6837	149.3234	152.4753	0	100	0	0	0	-9999	10
2043.47	2044.217	1399.717	150.4605	175.6142	151.9933	153.0069	0	100	0	0	0	-9999	10
2043.475	2044.223	1399.723	147.4569	122.0468	148.1862	149.7683	0	100	0	0	0	-9999	10
2043.48	2044.228	1399.728	141.0911	125.5151	141.7957	143.1306	0	100	0	0	0	-9999	10
2043.485	2044.233	1399.733	139.9663	137.8603	140.4484	141.5855	0	100	0	0	0	-9999	10
2043.49	2044.238	1399.738	138.5448	145.9275	139.237	140.6832	0	100	0	0	0	-9999	10
2043.495	2044.243	1399.743	139.3853	150.832	139.818	139.1258	0	100	0	0	0	-9999	10
2043.5	2044.248	1399.748	141.499	127.318	142.389	146.2332	0	100	0	0	0	-9999	10
2043.505	2044.254	1399.754	140.9922	120.3203	141.9193	141.8698	0	100	0	0	0	-9999	10
2043.51	2044.259	1399.759	141.8204	108.5862	142.4384	143.8228	0	100	0	0	0	-9999	10
2043.515	2044.264	1399.764	141.8822	106.3402	142.6733	142.2407	0	100	0	0	0	-9999	10
2043.52	2044.269	1399.769	137.5436	118.1813	138.0009	138.2481	0	100	0	0	0	-9999	10
2043.525	2044.274	1399.774	134.3174	111.1072	134.577	135.022	0	100	0	0	0	-9999	10
2043.53	2044.279	1399.779	132.488	125.729	133.1308	134.3422	0	100	0	0	0	-9999	10
2043.535	2044.285	1399.785	133.7118	151.9626	134.7377	135.6771	0	100	0	0	0	-9999	10
2043.54	2044.29	1399.79	132.8094	130.4501	133.2173	132.9948	0	100	0	0	0	-9999	10
2043.545	2044.295	1399.795	134.6883	143.2232	135.6771	135.5164	0	100	0	0	0	-9999	10
2043.55	2044.3	1399.8	135.9614	134.117	136.7278	137.9391	0	100	0	0	0	-9999	10
2043.555	2044.305	1399.805	138.6066	128.2653	139.1876	139.0763	0	100	0	0	0	-9999	10
2043.56	2044.31	1399.81	138.7797	129.0292	139.8427	140.4607	0	100	0	0	0	-9999	10
2043.565	2044.315	1399.815	139.5831	136.8214	140.4731	142.08	0	100	0	0	0	-9999	10
2043.57	2044.321	1399.821	139.3235	135.4768	140.3618	140.6956	0	100	0	0	0	-9999	10
2043.575	2044.326	1399.826	136.3817	145.3928	137.0368	139.0887	0	100	0	0	0	-9999	10
2043.58	2044.331	1399.831	144.8859	120.962	145.5039	146.9007	0	100	0	0	0	-9999	10
2043.585	2044.336	1399.836	147.3827	123.4219	148.1244	149.62	0	100	0	0	0	-9999	10
2043.59	2044.341	1399.841	145.6522	114.4838	146.468	146.3939	0	100	0	0	0	-9999	10
2043.595	2044.346	1399.846	143.6745	113.2309	144.2678	146.7276	0	100	0	0	0	-9999	10
2043.6	2044.352	1399.852	140.4978	113.5824	140.8068	140.572	0	100	0	0	0	-9999	10
2043.605	2044.357	1399.857	139.546	114.2393	140.127	143.1924	0	100	0	0	0	-9999	10
2043.61	2044.362	1399.862	139.1876	101.7719	139.3977	140.6461	0	100	0	0	0	-9999	10
2043.615	2044.367	1399.867	142.4013	113.5212	142.9081	143.5262	0	100	0	0	0	-9999	10
2043.62	2044.372	1399.872	140.4236	122.5357	140.7079	140.2506	0	100	0	0	0	-9999	10
2043.625	2044.377	1399.877	140.2259	113.2157	140.609	141.054	0	100	0	0	0	-9999	10
2043.63	2044.383	1399.883	136.2951	166.7678	137.4323	140.5225	0	100	0	0	0	-9999	10
2043.635	2044.388	1399.888	140.4854	140.0146	141.0664	142.5868	0	100	0	0	0	-9999	10
2043.64	2044.393	1399.893	138.038	118.9452	138.3347	138.4459	0	100	0	0	0	-9999	10
2043.645	2044.398	1399.898	135.8254	120.8398	136.3075	135.3928	0	100	0	0	0	-9999	10
2043.65	2044.403	1399.903	137.3334	129.2431	137.9515	138.0504	0	100	0	0	0	-9999	10
2043.655	2044.408	1399.908	140.3	116.1492	140.6956	142.9452	0	100	0	0	0	-9999	10
2043.66	2044.413	1399.913	138.0998	125.0414	138.4459	140.1641	0	100	0	0	0	-9999	10
2043.665	2044.419	1399.919	135.6029	152.971	135.9614	136.0603	0	100	0	0	0	-9999	10
2043.67	2044.424	1399.924	134.3422	150.4653	134.4658	134.2062	0	100	0	0	0	-9999	10
2043.675	2044.429	1399.929	134.1444	138.2728	134.6388	134.5894	0	100	0	0	0	-9999	10
2043.68	2044.434	1399.934	134.5646	121.3593	135.1332	136.2704	0	100	0	0	0	-9999	10
2043.685	2044.439	1399.939	138.9527	102.9483	139.1999	139.9539	0	100	0	0	0	-9999	10

2043.69	2044.444	1399.944	139.8798	103.422	140.4731	141.1282	0	100	0	0	0	-9999	10
2043.695	2044.45	1399.95	143.2542	123.8955	143.7116	144.1937	0	100	0	0	0	-9999	10
2043.7	2044.455	1399.955	142.1912	112.9712	142.6486	143.1677	0	100	0	0	0	-9999	10
2043.705	2044.46	1399.96	142.1047	106.0499	142.7104	143.1924	0	100	0	0	0	-9999	10
2043.71	2044.465	1399.965	141.9316	97.12713	142.1047	141.9811	0	100	0	0	0	-9999	10
2043.715	2044.47	1399.97	141.8698	97.84523	142.4879	144.9353	0	100	0	0	0	-9999	10
2043.72	2044.475	1399.975	140.2877	105.7902	140.9181	142.0182	0	100	0	0	0	-9999	10
2043.725	2044.481	1399.981	140.8686	117.5396	141.5237	142.1294	0	100	0	0	0	-9999	10
2043.73	2044.486	1399.986	142.7845	94.85059	143.1677	143.897	0	100	0	0	0	-9999	10
2043.735	2044.491	1399.991	145.1578	97.08129	145.5904	144.7499	0	100	0	0	0	-9999	10
2043.74	2044.496	1399.996	145.0095	105.2096	145.5039	146.5175	0	100	0	0	0	-9999	10
2043.745	2044.501	1400.001	144.5768	111.7947	144.9724	146.3197	0	100	0	0	0	-9999	10
2043.75	2044.506	1400.006	143.279	103.315	143.6374	144.033	0	100	0	0	0	-9999	10
2043.755	2044.511	1400.011	144.2184	97.92162	144.7622	146.5422	0	100	0	0	0	-9999	10
2043.76	2044.517	1400.017	142.4632	120.0453	143.1183	143.6992	0	100	0	0	0	-9999	10
2043.765	2044.522	1400.022	139.7809	136.3477	140.5967	142.6856	0	100	0	0	0	-9999	10
2043.77	2044.527	1400.027	140.0404	122.4746	140.6585	142.0552	0	100	0	0	0	-9999	10
2043.775	2044.532	1400.032	141.19	123.7427	141.5237	143.7363	0	100	0	0	0	-9999	10
2043.78	2044.537	1400.037	143.1306	146.5845	144.1071	147.7412	0	100	0	0	0	-9999	10
2043.785	2044.542	1400.042	145.0095	169.2124	146.0601	149.4964	0	100	0	0	0	-9999	10
2043.79	2044.548	1400.048	143.316	229.5482	144.206	144.1195	0	100	0	0	0	-9999	10
2043.795	2044.553	1400.053	145.8253	125.5762	146.3321	143.8476	0	100	0	0	0	-9999	10
2043.8	2044.558	1400.058	146.6658	140.5188	147.2715	147.4198	0	100	0	0	0	-9999	10
2043.805	2044.563	1400.063	146.3197	92.14625	147.0243	147.5805	0	100	0	0	0	-9999	10
2043.81	2044.568	1400.068	148.1738	87.63901	148.2851	146.9377	0	100	0	0	0	-9999	10
2043.815	2044.573	1400.073	145.541	112.2073	146.3939	144.7993	0	100	0	0	0	-9999	10
2043.82	2044.579	1400.079	145.6522	130.2515	146.9377	142.7474	0	100	0	0	0	-9999	10
2043.825	2044.584	1400.084	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2044.14	2044.909	1400.409	88.28607	73.47559	87.92761	85.51726	43.7738	5.692425	50.53378	28.14701	22.38676	29.41913	10
2044.145	2044.914	1400.414	91.35153	93.12409	90.99307	87.89052	36.19864	8.465232	55.33613	28.36369	26.97244	28.82906	10
2044.15	2044.919	1400.419	89.46034	90.51142	89.43562	88.17482	35.98432	8.699878	55.3158	23.0925	32.2233	28.42855	10
2044.155	2044.924	1400.424	96.14749	57.96765	96.9015	97.79147	31.6726	15.16414	53.16326	34.90997	18.25329	28.0255	10
2044.16	2044.929	1400.429	102.3279	123.7427	103.465	104.8742	7.099426	29.64916	63.25141	57.79507	5.456343	-9999	10
2044.165	2044.934	1400.434	104.2932	110.1752	105.8383	106.2338	5.413388	35.44144	59.14518	47.41394	11.73124	-9999	10
2044.17	2044.94	1400.44	97.12399	55.37025	97.08691	95.5789	37.53371	11.20016	51.26612	25.76131	25.50482	28.99261	10
2044.175	2044.945	1400.445	97.74203	61.64983	97.91508	97.77911	33.81694	13.39231	52.79075	18.54937	34.24138	28.3753	10
2044.18	2044.95	1400.45	96.64192	63.2541	96.54304	94.42935	36.54831	11.00934	52.44235	28.41544	24.02691	28.98705	10
2044.185	2044.955	1400.455	97.69258	106.7833	97.54425	94.80017	25.43081	14.44432	60.12487	26.57146	33.55341	28.38531	10
2044.19	2044.96	1400.46	98.14993	99.63284	98.49603	98.18701	22.90864	17.39994	59.69143	28.67987	31.01156	27.86787	10
2044.195	2044.965	1400.465	97.38357	76.33272	98.06341	98.55783	26.66584	17.17168	56.16248	40.79225	15.37023	27.80611	10
2044.2	2044.971	1400.471	97.75439	92.34487	98.02632	99.18823	25.611	16.0837	58.3053	35.02766	23.27764	27.6586	10
2044.205	2044.976	1400.476	97.90272	100.8704	98.11285	97.97688	23.89033	16.40835	59.70131	39.05532	20.64599	27.85932	10
2044.21	2044.981	1400.481	99.18823	97.73828	99.17587	99.06462	25.18996	15.90271	58.90733	36.50634	22.40098	27.89353	10
2044.215	2044.986	1400.486	100.7951	101.0843	101.2525	100.6344	19.26164	20.94317	59.79519	38.36128	21.43391	27.83068	10
2044.22	2044.991	1400.491	101.8458	110.2974	102.1672	103.3538	17.11921	21.72239	61.1584	49.88879	11.2696	27.52175	10
2044.225	2044.996	1400.496	102.0683	113.8421	102.2413	102.983	17.20625	21.0764	61.71734	37.44881	24.26854	27.63167	10
2044.23	2045.001	1400.501	102.711	121.1759	103.1437	102.3526	12.82842	24.32598	62.8456	44.66317	18.18243	27.98291	10
2044.235	2045.007	1400.507	104.5281	105.1332	104.8618	105.6035	15.80546	24.67846	59.51608	34.1228	25.39328	27.44623	10
2044.24	2045.012	1400.512	105.2326	112.849	105.1955	105.8259	16.16391	22.81054	61.02554	39.20176	21.82378	27.57181	10
2044.245	2045.017	1400.517	106.6047	127.5319	107.0373	105.5787	7.708141	29.94469	62.34717	47.11503	15.23214	-9999	10
2044.25	2045.022	1400.522	106.5552	120.6717	106.7159	105.4551	11.52129	26.79978	61.67892	53.61023	8.068688	27.929	10
2044.255	2045.027	1400.527	105.5664	127.4402	106.0237	105.5293	8.493972	28.68182	62.82421	50.73128	12.09293	27.96203	10
2044.26	2045.032	1400.532	104.8865	134.0254	105.3562	105.0225	7.430023	28.2979	64.27208	50.96266	13.30942	-9999	10
2044.265	2045.038	1400.538	105.7765	123.0094	106.0361	106.5552	10.90564	26.84839	62.24597	40.99243	21.25353	27.66888	10
2044.27	2045.043	1400.543	105.0472	123.8039	105.4551	106.9137	10.23477	27.27389	62.49134	45.8254	16.66594	27.5428	10
2044.275	2045.048	1400.548	105.8259	109.9155	105.9866	106.8148	14.79525	25.11931	60.08544	49.69303	10.39241	27.43564	10
2044.28	2045.053	1400.553	106.1226	116.7298	106.1844	106.6294	13.63962	25.04333	61.31705	35.96904	25.34801	27.58911	10
2044.285	2045.058	1400.558	104.9731	97.90634	104.9978	104.0089	19.53986	22.04254	58.41759	28.31938	30.09822	27.78003	10
2044.29	2045.063	1400.563	103.156	103.1164	103.1931	103.9966	19.8549	20.45782	59.68728	28.8183	30.86899	27.55704	10
2044.295	2045.069	1400.569	99.02754	173.7043	100.1029	99.57141	0	28.14115	71.85885	71.85885	0	-9999	10
2044.3	2045.074	1400.574	105.863	121.5732	106.2709	107.1362	10.02405	28.24398	61.73197	40.72915	21.00282	27.577	10
2044.305	2045.079	1400.579	108.2734	125.7443	108.7431	109.6949	6.318154	32.76746	60.91439	60.91439	0	-9999	10
2044.31	2045.084	1400.584	109.1263	130.5112	109.3858	109.1633	6.008413	32.19479	61.7968	51.7858	10.011	-9999	10
2044.315	2045.089	1400.589	108.5947	137.7839	109.1633	109.3858	2.34252	35.16552	62.49196	62.49196	0	-9999	10
2044.32	2045.094	1400.594	108.4217	159.6173	108.9656	109.9668	0	36.08369	63.91631	63.91631	0	-9999	10
2044.325	2045.099	1400.599	109.7814	173.5515	110.5725	110.3376	0	42.20711	57.79289	57.79289	0	-9999	10
2044.33	2045.105	1400.605	109.7196	172.2987	110.5725	113.8975	0	42.71697	57.28303	57.28303	0	-9999	10
2044.335	2045.11	1400.61	110.5848	155.8282	111.586	112.921	0	45.13007	54.86993	54.86993	0	-9999	10
2044.34	2045.115	1400.615	109.905	199.3421	110.8938	112.5873	0	46.49793	53.50207	53.50207	0	-9999	10
2044.345	2045.12	1400.62	107.7666	174.9572	108.3723	109.5342	0	36.68462	63.31538	63.31538	0	-9999	10
2044.35	2045.125	1400.625	107.4576	169.5179	108.0262	108.261	0	35.43574	64.56426	64.56426	0	-9999	10
2044.355	2045.13	1400.63	105.7394	150.2667	106.4811	107.3216	0.607457	33.12556	66.26699	66.26699	0	-9999	10
2044.36	2045.136	1400.636	107.1856	119.3425	107.7789	110.5477	7.910159	31.86515	60.22469	56.86276	3.361937	-9999	10

2044.365	2045.141	1400.641	103.8977	143.4829	104.4045	108.8049	5.763657	27.93622	66.30012	66.30012	0	-9999	10
2044.37	2045.146	1400.646	103.1931	139.816	103.9595	105.9001	5.287535	28.9215	65.79096	65.79096	0	-9999	10
2044.375	2045.151	1400.651	102.2661	149.4416	102.8841	103.5516	4.960573	27.15483	67.88459	57.29404	10.59055	-9999	10
2044.38	2045.156	1400.656	100.3749	126.279	100.5108	101.1165	16.04185	19.91979	64.03836	50.34973	13.68863	27.76412	10
2044.385	2045.161	1400.661	102.0559	118.6091	102.3402	103.6134	15.20186	22.23449	62.56365	51.4455	11.11815	27.57092	10
2044.39	2045.167	1400.667	106.8766	119.48	107.5317	106.2586	7.6822	31.99932	60.31848	43.98614	16.33234	-9999	10
2044.395	2045.172	1400.672	104.9607	127.975	105.3686	106.5429	9.304965	27.43924	63.2558	43.02789	20.22791	27.67682	10
2044.4	2045.177	1400.677	102.3279	138.991	102.8841	104.4415	7.911756	26.03992	66.04833	60.11862	5.92971	-9999	10
2044.405	2045.182	1400.682	103.4156	129.2737	103.8729	107.4946	10.02898	25.94264	64.02838	53.20313	10.82525	27.29116	10
2044.41	2045.187	1400.687	103.428	150.3584	103.9348	104.8494	4.53193	27.79098	67.67709	65.85665	1.820433	-9999	10
2044.415	2045.192	1400.692	101.8087	155.4615	102.3031	101.2648	4.882489	26.04672	69.07079	69.07079	0	-9999	10
2044.42	2045.197	1400.697	100.4243	144.1399	100.7828	102.3402	9.94971	22.74083	67.30946	60.23203	7.077433	27.89258	10
2044.425	2045.203	1400.703	100.4614	143.4371	100.5603	100.4737	12.09739	20.90202	67.00059	54.5019	12.4987	28.09178	10
2044.43	2045.208	1400.708	100.2142	149.6861	100.5479	104.1943	8.992445	22.7224	68.28516	50.88429	17.40086	27.59714	10
2044.435	2045.213	1400.713	100.9929	134.774	101.5368	100.9311	10.25621	24.07217	65.67161	48.41511	17.2565	28.20023	10
2044.44	2045.218	1400.718	102.7605	121.4356	103.0448	103.156	13.86963	23.22231	62.90806	41.05876	21.84931	27.80462	10
2044.445	2045.223	1400.723	104.219	117.127	104.9113	106.1102	10.40917	28.18958	61.40124	54.13077	7.270468	27.52797	10
2044.45	2045.228	1400.728	102.2784	102.9789	102.8965	104.0336	16.19318	24.0341	59.77272	43.12029	16.65244	27.43913	10
2044.455	2045.234	1400.734	101.5491	103.5442	101.9694	103.6505	18.26005	21.68005	60.0599	45.60544	14.45446	27.38974	10
2044.46	2045.239	1400.739	102.6616	75.23265	103.0324	103.1313	24.47116	20.67448	54.85436	39.27139	15.58296	27.62876	10
2044.465	2045.244	1400.744	98.632	84.00267	98.79269	99.85571	27.68457	15.6059	56.70952	32.90514	23.80439	27.7505	10
2044.47	2045.249	1400.749	100.9187	101.3288	100.9558	101.2525	22.34581	18.06198	59.59221	43.7875	15.80471	27.73347	10
2044.475	2045.254	1400.754	104.8247	122.5052	104.9483	103.9348	12.95705	24.3904	62.65255	38.79765	23.8549	27.97614	10
2044.48	2045.259	1400.759	108.5206	122.2607	108.6566	107.1362	9.520221	29.39955	61.08023	58.71437	2.365857	27.89683	10
2044.485	2045.265	1400.765	109.9297	103.5289	110.1151	110.2511	12.37373	30.82064	56.80562	51.08169	5.723932	27.13093	10
2044.49	2045.27	1400.77	109.5589	122.0774	109.7443	110.5477	8.22617	31.48789	60.28594	57.08408	3.201864	27.38188	10
2044.495	2045.275	1400.775	111.5613	121.9093	111.8085	113.0199	5.945621	35.52576	58.52862	44.72069	13.80792	-9999	10
2044.5	2045.28	1400.78	110.5972	121.3898	110.7455	112.167	7.724706	32.67385	59.60144	52.75466	6.846782	-9999	10
2044.505	2045.285	1400.785	109.5465	102.1844	110.041	109.9668	10.65675	33.57689	55.76636	41.43767	14.3287	27.07412	10
2044.51	2045.29	1400.79	107.4699	124.8428	107.7913	108.5824	8.425024	29.93826	61.63671	53.70626	7.930458	27.57116	10
2044.515	2045.295	1400.795	106.0114	107.8528	106.2215	107.7295	14.74064	25.67859	59.58077	39.94753	19.63323	27.26389	10
2044.52	2045.301	1400.801	104.4663	124.0483	104.8124	105.2697	11.18907	25.98338	62.82756	41.26329	21.56426	27.74345	10
2044.525	2045.306	1400.806	106.4563	120.5189	106.6912	105.0967	11.07447	27.36266	61.56287	45.65687	15.90601	27.98476	10
2044.53	2045.311	1400.811	110.1151	123.5594	110.659	112.031	4.577708	36.59298	58.82931	49.52771	9.301602	-9999	10
2044.535	2045.316	1400.816	111.5366	157.1727	112.6862	114.5032	0	49.19605	50.80395	50.80395	0	-9999	10
2044.54	2045.321	1400.821	113.7739	138.2881	114.6268	118.9901	0	49.20503	50.79497	50.79497	0	-9999	10
2044.545	2045.326	1400.826	110.1646	133.0781	110.8197	111.1411	1.366541	38.62333	60.01013	60.01013	0	-9999	10
2044.55	2045.332	1400.832	110.6837	124.5984	111.2276	114.1076	3.803174	37.70855	58.48827	58.48827	0	-9999	10
2044.555	2045.337	1400.837	111.4254	153.9947	112.2906	113.675	0	45.11705	54.88295	54.88295	0	-9999	10
2044.56	2045.342	1400.842	111.0916	126.3401	111.5737	111.8951	3.48537	37.84251	58.67212	58.67212	0	-9999	10
2044.565	2045.347	1400.847	110.3005	133.6739	111.0916	110.3747	0.043497	40.52762	59.42888	59.42888	0	-9999	10
2044.57	2045.352	1400.852	111.3017	127.2721	111.8333	112.0805	2.683321	38.90741	58.40927	58.40927	0	-9999	10
2044.575	2045.357	1400.857	108.8296	119.1897	109.5094	110.2511	5.764104	35.52621	58.70969	58.70969	0	-9999	10
2044.58	2045.363	1400.863	107.198	114.8352	107.8902	109.5342	8.223173	32.57754	59.19929	53.96138	5.237915	27.21178	10
2044.585	2045.368	1400.868	109.6701	139.4035	109.905	110.6219	3.547719	33.38369	63.06859	58.27916	4.789423	-9999	10
2044.59	2045.373	1400.873	109.769	132.1461	110.2758	111.6231	3.105534	36.12796	60.7665	60.7665	0	-9999	10
2044.595	2045.378	1400.878	114.5032	118.5021	114.6515	113.5267	4.830014	39.48407	55.68592	55.68592	0	-9999	10
2044.6	2045.383	1400.883	113.7492	134.5448	114.2683	115.3437	0	44.21421	55.78579	55.78579	0	-9999	10
2044.605	2045.388	1400.888	114.5897	137.3714	114.874	116.0112	0	42.87086	57.12914	57.12914	0	-9999	10
2044.61	2045.393	1400.893	115.8381	121.2829	116.518	118.6193	0	50.55789	49.44211	49.44211	0	-9999	10
2044.615	2045.399	1400.899	114.2312	123.1163	114.9482	116.8764	0	47.32579	52.67421	52.67421	0	-9999	10
2044.62	2045.404	1400.904	112.3401	103.1317	112.476	111.549	10.63553	34.24166	55.12281	33.62981	21.493	27.03972	10
2044.625	2045.409	1400.909	112.7603	96.30207	113.0941	113.0199	10.36893	37.10996	52.52112	46.15621	6.364909	26.57394	10
2044.63	2045.414	1400.914	113.0199	109.5793	113.539	113.8851	5.480087	40.98458	53.53534	42.47582	11.05951	-9999	10
2044.635	2045.419	1400.919	111.4624	132.1919	112.1546	112.3648	0.09956	41.55058	58.34986	58.34986	0	-9999	10
2044.64	2045.424	1400.924	111.722	113.2309	112.2164	114.1076	5.982031	38.30758	55.71039	55.71039	0	-9999	10
2044.645	2045.43	1400.93	107.6801	119.1591	107.3463	106.4069	14.68433	23.31602	61.99965	53.30426	8.695387	27.89191	10
2044.65	2045.435	1400.935	110.795	120.412	111.4377	112.7232	3.947567	38.82447	57.22796	57.22796	0	-9999	10
2044.655	2045.44	1400.94	112.1052	124.5372	112.7603	114.1818	1.648038	41.88222	56.46974	56.46974	0	-9999	10
2044.66	2045.445	1400.945	112.2906	117.9063	113.0199	113.675	2.507384	42.78786	54.70475	54.70475	0	-9999	10
2044.665	2045.45	1400.95	111.2399	115.9964	112.0805	112.5131	3.074015	41.84965	55.07633	55.07633	0	-9999	10
2044.67	2045.455	1400.955	110.1275	107.043	110.6961	111.858	8.371701	35.78785	55.84045	40.03508	15.80537	26.8442	10
2044.675	2045.461	1400.961	114.6515	119.4952	115.3437	117.1607	0.238207	47.71684	52.04495	52.04495	0	-9999	10
2044.68	2045.466	1400.966	112.8345	133.6434	113.8233	114.4414	0	48.53752	51.46248	51.46248	0	-9999	10
2044.685	2045.471	1400.971	113.9593	120.0606	114.8864	115.8629	0	49.48204	50.51796	50.51796	0	-9999	10
2044.69	2045.476	1400.976	115.6404	133.8726	116.4685	117.9395	0	53.20561	46.79439	46.79439	0	-9999	10
2044.695	2045.481	1400.981	114.7875	154.4225	116.246	118.0383	0	61.93947	38.06053	38.06053	0	-9999	10
2044.7	2045.486	1400.986	116.4685	132.0238	117.1607	117.6799	0	53.09442	46.90558	46.90558	0	-9999	10
2044.705	2045.491	1400.991	114.2436	132.0849	115.0347	115.8134	0	49.02966	50.97034	50.97034	0	-9999	10
2044.71	2045.497	1400.997	111.6108	163.1161	112.6862	113.9717	0	48.81584	51.18416	51.18416	0	-9999	10
2044.715	2045.502	1401.002	111.8703	187.7455	113.1929	114.3301	0	54.31382	45.68618	45.68618	0	-9999	10
2044.72	2045.507	1401.007	110.6343	161.2521	111.9692	112.9952	0	49.70355	50.29645	50.29645	0	-9999	10
2044.725	2045.512	1401.012	109.0521	137.2492	109.6825	109.2375	1.572194	36.5949	61.8329	61.8329	0	-9999	10

2044.73	2045.517	1401.017	112.0928	151.3209	112.8963	113.3907	0	45.5829	54.4171	54.4171	0	-9999	10
2044.735	2045.522	1401.022	109.7937	149.5639	110.1151	109.9668	0.304619	35.24304	64.45234	64.45234	0	-9999	10
2044.74	2045.528	1401.028	109.2375	140.2896	109.1633	109.8185	6.126174	29.40495	64.46887	59.53991	4.928969	-9999	10
2044.745	2045.533	1401.033	107.7666	143.7732	108.6318	109.6083	0	37.28473	62.71527	62.71527	0	-9999	10
2044.75	2045.538	1401.038	107.7913	166.1872	108.7554	110.9309	0	39.88272	60.11728	60.11728	0	-9999	10
2044.755	2045.543	1401.043	113.2424	155.4309	114.3548	115.1336	0	52.70791	47.29209	47.29209	0	-9999	10
2044.76	2045.548	1401.048	111.8951	163.0092	113.1559	115.1336	0	51.89147	48.10853	48.10853	0	-9999	10
2044.765	2045.553	1401.053	111.549	159.1284	112.8221	112.5873	0	50.9506	49.0494	49.0494	0	-9999	10
2044.77	2045.559	1401.059	112.1546	173.796	113.6132	113.8975	0	55.90618	44.09382	44.09382	0	-9999	10
2044.775	2045.564	1401.064	115.1212	131.7183	115.7887	115.4179	0	49.30316	50.69684	50.69684	0	-9999	10
2044.78	2045.569	1401.069	110.7455	187.7302	112.2041	113.2053	0	53.29721	46.70279	46.70279	0	-9999	10
2044.785	2045.574	1401.074	111.2523	146.5081	112.4884	113.6008	0	48.91682	51.08318	51.08318	0	-9999	10
2044.79	2045.579	1401.079	111.2523	158.4714	112.8098	114.3301	0	53.84511	46.15489	46.15489	0	-9999	10
2044.795	2045.584	1401.084	112.031	141.2828	112.9334	113.8233	0	46.05441	53.94559	53.94559	0	-9999	10
2044.8	2045.589	1401.089	111.3265	86.37087	111.3883	110.9186	16.19892	30.47239	53.3287	41.25207	12.07663	26.93137	10
2044.805	2045.595	1401.095	107.1856	132.7572	107.1115	106.4811	9.836753	26.17262	63.99062	54.96149	9.029136	28.01116	10
2044.81	2045.6	1401.1	106.4193	110.5419	106.5429	107.8407	14.38519	25.58473	60.03008	41.35929	18.67079	27.32412	10
2044.815	2045.605	1401.105	109.4106	185.5301	110.9186	111.7838	0	50.58969	49.41031	49.41031	0	-9999	10
2044.82	2045.61	1401.11	112.5873	192.3291	114.0458	116.1472	0	58.29807	41.70193	41.70193	0	-9999	10
2044.825	2045.615	1401.115	111.104	185.2856	112.748	114.9111	0	56.38965	43.61035	43.61035	0	-9999	10
2044.83	2045.62	1401.12	109.2746	213.4749	110.9804	111.1287	0	54.4852	45.5148	45.5148	0	-9999	10
2044.835	2045.626	1401.126	108.3846	202.6117	109.9915	110.9186	0	50.54663	49.45337	49.45337	0	-9999	10
2044.84	2045.631	1401.131	105.8754	229.0287	108.0756	108.8049	0	53.00265	46.99735	46.99735	0	-9999	10
2044.845	2045.636	1401.136	108.0385	189.9151	109.6578	110.3376	0	49.05624	50.94376	50.94376	0	-9999	10
2044.85	2045.641	1401.141	109.015	158.1964	110.2387	114.0458	0	44.5881	55.4119	55.4119	0	-9999	10
2044.855	2045.646	1401.146	110.2264	151.7182	111.3883	113.2053	0	46.02246	53.97754	53.97754	0	-9999	10
2044.86	2045.651	1401.151	108.879	164.2009	110.4489	112.0805	0	48.65066	51.34934	51.34934	0	-9999	10
2044.865	2045.657	1401.157	110.2511	167.2108	111.2029	111.5737	0	44.60278	55.39722	55.39722	0	-9999	10
2044.87	2045.662	1401.162	111.9569	155.1253	112.6491	112.7232	0	44.11548	55.88452	55.88452	0	-9999	10
2044.875	2045.667	1401.167	108.2363	171.825	109.6083	109.9668	0	45.53516	54.46484	54.46484	0	-9999	10
2044.88	2045.672	1401.172	108.706	227.5467	110.1151	113.4525	0	50.71143	49.28857	49.28857	0	-9999	10
2044.885	2045.677	1401.177	112.5378	207.5009	113.675	114.8246	0	54.81787	45.18213	45.18213	0	-9999	10
2044.89	2045.682	1401.182	112.8345	175.8739	114.6268	117.9765	0	62.53526	37.46474	37.46474	0	-9999	10
2044.895	2045.687	1401.187	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2045.16	2045.961	1401.461	83.05748	38.74696	82.43944	81.79668	59.00014	0.599572	40.40029	16.3145	24.08578	31.54628	10
2045.165	2045.966	1401.466	95.69015	67.25714	96.04861	95.55418	32.91077	13.1225	53.96674	29.13901	24.82773	28.35033	10
2045.17	2045.971	1401.471	102.3155	75.52295	101.1536	100.1276	36.59798	8.793211	54.60881	29.6647	24.94411	29.02516	10
2045.175	2045.976	1401.476	98.37242	140.4424	96.24638	100.2265	31.98716	5.505239	62.50761	29.00417	33.50344	27.47358	10
2045.18	2045.981	1401.481	87.50734	80.83996	85.49254	83.87329	55.54467	0.160736	44.29459	28.42995	15.86464	30.77651	10
2045.185	2045.987	1401.487	98.73088	213.6583	97.53189	90.56044	6.75446	15.97479	77.27075	69.26911	8.001634	-9999	10
2045.19	2045.992	1401.492	112.8839	180.5492	113.3289	113.3907	0	44.50763	55.49237	55.49237	0	-9999	10
2045.195	2045.997	1401.497	112.5007	187.2719	112.3648	112.1917	0	36.74469	63.25531	63.25531	0	-9999	10
2045.2	2046.002	1401.502	115.4797	225.6216	115.9123	120.5105	0	52.95127	47.04873	47.04873	0	-9999	10
2045.205	2046.007	1401.507	116.2337	212.6193	117.0989	118.9036	0	60.68524	39.31476	39.31476	0	-9999	10
2045.21	2046.012	1401.512	118.8542	207.2565	119.4351	117.5316	0	62.77528	37.22472	37.22472	0	-9999	10
2045.215	2046.018	1401.518	119.0519	219.9379	119.707	122.4758	0	65.54644	34.45356	34.45356	0	-9999	10
2045.22	2046.023	1401.523	118.4957	221.0685	119.1755	117.6675	0	64.45171	35.54829	35.54829	0	-9999	10
2045.225	2046.028	1401.528	118.1125	222.4741	118.7182	122.0432	0	62.1644	37.8356	37.8356	0	-9999	10
2045.23	2046.033	1401.533	119.8183	181.9854	120.5476	120.9431	0	66.68644	33.31356	33.31356	0	-9999	10
2045.235	2046.038	1401.538	119.1632	180.7784	120.0037	122.0556	0	66.64869	33.35131	33.35131	0	-9999	10
2045.24	2046.043	1401.543	117.0248	155.0642	116.6663	118.0383	0	39.21262	60.78738	60.78738	0	-9999	10
2045.245	2046.049	1401.549	115.8876	188.5553	116.0235	116.0112	0	46.85496	53.14504	53.14504	0	-9999	10
2045.25	2046.054	1401.554	115.1707	189.5942	114.9482	115.1336	0	40.23913	59.76087	59.76087	0	-9999	10
2045.255	2046.059	1401.559	115.2325	204.216	115.7145	118.335	0	51.68277	48.31723	48.31723	0	-9999	10
2045.26	2046.064	1401.564	116.6787	207.5009	116.6539	117.5316	0	47.30623	52.69377	52.69377	0	-9999	10
2045.265	2046.069	1401.569	118.335	213.8111	119.225	121.0173	0	67.22507	32.77493	32.77493	0	-9999	10
2045.27	2046.074	1401.574	118.2485	184.8731	118.5575	119.4969	0	54.85336	45.14664	45.14664	0	-9999	10
2045.275	2046.079	1401.579	118.3844	173.0168	118.4092	119.4475	0	49.50006	50.49994	50.49994	0	-9999	10
2045.28	2046.085	1401.585	118.3844	163.6356	118.0136	119.5711	0	42.16888	57.83112	57.83112	0	-9999	10
2045.285	2046.09	1401.59	119.1632	166.0955	119.2373	118.9654	0	51.73239	48.26761	48.26761	0	-9999	10
2045.29	2046.095	1401.595	119.9295	177.524	120.6217	121.9691	0	66.02436	33.97564	33.97564	0	-9999	10
2045.295	2046.1	1401.6	123.576	167.0275	123.885	124.948	0	69.02421	30.97579	30.97579	0	-9999	10
2045.3	2046.105	1401.605	125.0716	185.4995	125.4177	126.8392	0	76.27599	23.72401	23.72401	0	-9999	10
2045.305	2046.11	1401.61	123.1062	241.374	123.9097	127.9269	0	83.51217	16.48783	16.48783	0	-9999	10
2045.31	2046.116	1401.616	122.8961	195.5071	123.2299	124.7502	0	69.28685	30.71315	30.71315	0	-9999	10
2045.315	2046.121	1401.621	123.0444	232.6956	123.749	124.6513	0	80.4802	19.5198	19.5198	0	-9999	10
2045.32	2046.126	1401.626	125.2941	212.4054	125.9616	127.5932	0	86.84849	13.15151	13.15151	0	-9999	10
2045.325	2046.131	1401.631	125.9121	240.8239	126.8268	126.2459	0	97.69404	2.30596	2.30596	0	-9999	10
2045.33	2046.136	1401.636	123.9962	234.8958	125.2694	127.0122	0	97.68533	2.314669	2.314669	0	-9999	10
2045.335	2046.141	1401.641	125.8256	195.0335	126.8268	131.0048	0	96.46627	3.533729	3.533729	0	-9999	10
2045.34	2046.147	1401.647	126.1717	168.9832	126.2212	125.0098	0	71.66506	28.33494	28.33494	0	-9999	10
2045.345	2046.152	1401.652	125.4795	195.8432	125.9987	124.9974	0	82.75926	17.24074	17.24074	0	-9999	10
2045.35	2046.157	1401.657	124.1075	209.9914	124.7131	122.5995	0	80.59684	19.40316	19.40316	0	-9999	10

2045.355	2046.162	1401.662	121.1409	265.9728	121.8084	122.8838	0	75.36708	24.63292	24.63292	0	-9999	10
2045.36	2046.167	1401.667	120.8195	250.2968	121.7589	124.0209	0	78.72747	21.27253	21.27253	0	-9999	10
2045.365	2046.172	1401.672	122.9579	250.9843	123.7614	127.0122	0	83.60507	16.39493	16.39493	0	-9999	10
2045.37	2046.177	1401.677	123.5636	251.2288	124.9851	128.9034	0	100	0	0	0	-9999	10
2045.375	2046.183	1401.683	122.4635	289.5479	123.3287	127.5932	0	85.73455	14.26545	14.26545	0	-9999	10
2045.38	2046.188	1401.688	123.8603	250.3426	125.2447	128.6315	0	100	0	0	0	-9999	10
2045.385	2046.193	1401.693	120.4116	185.6523	121.3387	123.7861	0	72.70934	27.29066	27.29066	0	-9999	10
2045.39	2046.198	1401.698	120.3004	172.6806	120.4981	120.7083	0	57.35507	42.64493	42.64493	0	-9999	10
2045.395	2046.203	1401.703	120.2386	171.657	120.4981	118.644	0	58.29178	41.70822	41.70822	0	-9999	10
2045.4	2046.208	1401.708	121.5364	173.7043	121.6353	120.4116	0	58.85563	41.14437	41.14437	0	-9999	10
2045.405	2046.214	1401.714	121.042	169.6249	121.4005	121.5612	0	62.35606	37.64394	37.64394	0	-9999	10
2045.41	2046.219	1401.719	117.4945	195.5988	117.717	118.916	0	52.2811	47.7189	47.7189	0	-9999	10
2045.415	2046.224	1401.724	116.4933	175.003	117.1484	120.4363	0	55.46409	44.53591	44.53591	0	-9999	10
2045.42	2046.229	1401.729	116.6787	195.7974	117.0866	117.3214	0	53.367	46.633	46.633	0	-9999	10
2045.425	2046.234	1401.734	116.4191	190.8165	116.7405	118.162	0	51.04568	48.95432	48.95432	0	-9999	10
2045.43	2046.239	1401.739	116.1842	207.3787	117.1855	117.7417	0	62.37718	37.62282	37.62282	0	-9999	10
2045.435	2046.245	1401.745	117.0989	168.7998	117.0495	116.5798	0	45.1757	54.8243	54.8243	0	-9999	10
2045.44	2046.25	1401.75	116.4438	176.3323	117.0742	119.0025	0	55.03056	44.96944	44.96944	0	-9999	10
2045.445	2046.255	1401.755	117.1237	186.1565	117.4327	119.5093	0	52.18506	47.81494	47.81494	0	-9999	10
2045.45	2046.26	1401.76	117.9395	192.7722	118.3844	118.6687	0	56.92872	43.07128	43.07128	0	-9999	10
2045.455	2046.265	1401.765	115.8999	199.9838	116.3696	117.717	0	52.7638	47.2362	47.2362	0	-9999	10
2045.46	2046.27	1401.77	114.9729	194.407	114.9111	113.4031	0	42.51309	57.48691	57.48691	0	-9999	10
2045.465	2046.275	1401.775	115.9741	170.9694	116.2955	114.7875	0	48.69019	51.30981	51.30981	0	-9999	10
2045.47	2046.281	1401.781	115.7145	165.5913	115.8505	116.0977	0	44.94196	55.05804	55.05804	0	-9999	10
2045.475	2046.286	1401.786	113.1311	175.5225	113.3413	115.3561	0	41.53409	58.46591	58.46591	0	-9999	10
2045.48	2046.291	1401.791	115.0965	166.2024	115.7516	117.4574	0	51.38589	48.61411	48.61411	0	-9999	10
2045.485	2046.296	1401.796	114.0458	178.8533	114.8987	118.3968	0	52.59851	47.40149	47.40149	0	-9999	10
2045.49	2046.301	1401.801	115.1212	145.4691	114.738	112.7974	1.854614	34.87676	63.26862	63.26862	0	-9999	10
2045.495	2046.306	1401.806	115.5168	174.7891	115.4673	115.8629	0	42.40204	57.59796	57.59796	0	-9999	10
2045.5	2046.312	1401.812	109.3858	140.748	110.0039	112.8592	0.51423	37.28668	62.19909	62.19909	0	-9999	10
2045.505	2046.317	1401.817	102.1301	61.25258	103.2302	104.4663	22.69138	24.84564	52.46298	32.71343	19.74955	27.17908	10
2045.51	2046.322	1401.822	99.88043	75.55351	100.5726	100.758	24.4615	19.86768	55.67082	27.89971	27.77111	27.69057	10
2045.515	2046.327	1401.827	103.1066	51.76447	103.5887	103.7988	28.87891	20.52552	50.59557	30.02363	20.57193	27.68764	10
2045.52	2046.332	1401.832	101.0671	75.70629	102.3649	104.3921	18.63883	25.84397	55.51719	44.62583	10.89136	27.10327	10
2045.525	2046.337	1401.837	103.0571	76.68414	104.1449	105.6282	18.19985	27.1458	54.65434	40.78418	13.87017	27.05564	10
2045.53	2046.343	1401.843	103.1313	95.12561	104.2809	105.5169	13.1898	29.02264	57.78755	40.91212	16.87543	27.25888	10
2045.535	2046.348	1401.848	108.8914	103.1011	110.2387	111.0175	4.427706	42.01156	53.56073	45.60438	7.956354	-9999	10
2045.54	2046.353	1401.853	111.6726	95.9201	112.4884	112.9581	7.726056	41.09871	51.17523	50.2913	0.883931	-9999	10
2045.545	2046.358	1401.858	113.502	148.968	115.1707	119.9295	0	60.90656	39.09344	39.09344	0	-9999	10
2045.55	2046.363	1401.863	111.8827	204.5063	114.2312	118.4586	0	69.35439	30.64561	30.64561	0	-9999	10
2045.555	2046.368	1401.868	112.3524	221.9394	114.8122	120.4363	0	73.62621	26.37379	26.37379	0	-9999	10
2045.56	2046.373	1401.873	111.6108	207.0426	113.8233	116.4067	0	66.81225	33.18775	33.18775	0	-9999	10
2045.565	2046.379	1401.879	111.6602	253.6275	114.7133	120.6094	0	81.80877	18.19123	18.19123	0	-9999	10
2045.57	2046.384	1401.884	113.2424	171.5347	115.4426	118.4957	0	69.40435	30.59565	30.59565	0	-9999	10
2045.575	2046.389	1401.889	117.0866	118.4105	118.0631	119.2744	0	58.55793	41.44207	41.44207	0	-9999	10
2045.58	2046.394	1401.894	117.8035	113.4601	118.8789	120.3127	0	62.08822	37.91178	37.91178	0	-9999	10
2045.585	2046.399	1401.899	117.8159	128.1125	118.8294	122.0061	0	62.03479	37.96521	37.96521	0	-9999	10
2045.59	2046.404	1401.904	112.6243	107.1194	113.7245	116.3202	1.936882	47.75155	50.31157	50.31157	0	-9999	10
2045.595	2046.41	1401.91	110.523	142.6731	111.8456	114.3178	0	48.03747	51.96253	51.96253	0	-9999	10
2045.6	2046.415	1401.915	109.2375	154.4836	111.0916	114.9358	0	52.16711	47.83289	47.83289	0	-9999	10
2045.605	2046.42	1401.92	110.6095	112.6045	111.6355	111.7838	3.037882	42.56631	54.39581	54.39581	0	-9999	10
2045.61	2046.425	1401.925	111.1411	117.0965	112.2782	113.3413	0.599677	45.42297	53.97735	53.97735	0	-9999	10
2045.615	2046.43	1401.93	112.9086	104.2318	113.5514	114.0458	5.918589	42.04586	52.03555	50.54898	1.486573	-9999	10
2045.62	2046.435	1401.935	110.8568	160.8549	112.8221	114.256	0	58.22653	41.77347	41.77347	0	-9999	10
2045.625	2046.441	1401.941	113.8728	139.1743	115.5662	117.4327	0	61.71336	38.28664	38.28664	0	-9999	10
2045.63	2046.446	1401.946	112.8468	140.3202	114.293	117	0	55.31184	44.68816	44.68816	0	-9999	10
2045.635	2046.451	1401.951	114.1694	124.1094	115.5168	118.6935	0	56.4314	43.5686	43.5686	0	-9999	10
2045.64	2046.456	1401.956	114.2189	108.5556	114.9111	115.1707	3.283606	45.95874	50.75766	50.75766	0	-9999	10
2045.645	2046.461	1401.961	113.8233	95.46174	114.5279	115.2572	6.720435	44.33577	48.94379	45.59769	3.346104	-9999	10
2045.65	2046.466	1401.966	114.3178	99.26615	114.8122	116.9506	6.973418	42.72333	50.30325	35.97969	14.32356	-9999	10
2045.655	2046.471	1401.971	109.2746	118.4868	110.041	110.1151	4.854231	37.24873	57.89704	51.17792	6.719125	-9999	10
2045.66	2046.477	1401.977	109.5836	88.38767	110.2758	110.9433	12.42871	34.95096	52.62033	34.95845	17.66188	26.62015	10
2045.665	2046.482	1401.982	112.1052	71.07683	112.612	114.429	15.735	36.36824	47.89676	36.43158	11.46518	25.8643	10
2045.67	2046.487	1401.987	111.722	76.98971	112.7356	113.4154	10.72899	42.46069	46.81032	36.08565	10.72467	25.86159	10
2045.675	2046.492	1401.992	108.6689	92.7574	109.4229	110.5972	11.73377	34.26588	54.00035	36.0341	17.96625	26.7022	10
2045.68	2046.497	1401.997	105.4798	104.3081	106.1473	106.8024	12.54301	28.93555	58.52145	45.17864	13.34281	27.33057	10
2045.685	2046.502	1402.002	104.2685	93.93386	104.6888	105.4922	18.08394	24.33617	57.57989	46.56757	11.01233	27.33795	10
2045.69	2046.508	1402.008	97.21051	100.8399	97.33412	98.58256	25.20512	15.2906	59.50428	39.22902	20.27526	27.62022	10
2045.695	2046.513	1402.013	93.82367	82.5359	93.82367	94.26866	33.70853	10.86699	55.42448	25.5111	29.91338	28.14862	10
2045.7	2046.518	1402.018	92.89662	104.5526	93.04495	91.09195	28.08383	12.46189	59.45428	38.91755	20.53673	28.20796	10
2045.705	2046.523	1402.023	97.09927	119.648	97.32176	100.4737	19.98953	17.05646	62.95401	48.18318	14.77082	27.22163	10
2045.71	2046.528	1402.028	96.80261	99.49534	97.11163	94.02145	24.46883	15.95521	59.57596	30.09173	29.48422	28.40193	10
2045.715	2046.533	1402.033	90.14018	87.42511	89.93004	89.39853	37.54269	8.090775	54.36654	21.55993	32.8066	28.4364	10

2045.72	2046.539	1402.039	89.01535	79.22041	88.95355	89.8806	39.41352	7.559169	53.02731	36.02108	17.00623	28.3499	10
2045.725	2046.544	1402.044	91.78415	139.8313	92.11789	93.18092	19.13292	14.96567	65.9014	38.35467	27.54673	27.50011	10
2045.73	2046.549	1402.049	87.35901	188.7997	89.07715	89.34909	0.624575	20.86342	78.512	78.512	0	-9999	10
2045.735	2046.554	1402.054	86.64209	164.8121	86.17238	78.58289	24.04499	10.78788	65.16713	37.55413	27.613	28.45068	10
2045.74	2046.559	1402.059	87.60623	203.666	88.22426	71.72269	5.325322	17.79164	76.88304	72.09658	4.78646	-9999	10
2045.745	2046.564	1402.064	89.10188	220.9921	89.96713	71.9699	0	20.90986	79.09014	79.09014	0	-9999	10
2045.75	2046.569	1402.069	89.2502	284.9796	90.28851	68.1628	0	26.05544	73.94456	73.94456	0	-9999	10
2045.755	2046.575	1402.075	91.66055	266.4006	91.2032	78.95371	0	19.88491	80.11509	80.11509	0	-9999	10
2045.76	2046.58	1402.08	92.5876	173.9182	91.42569	90.52336	21.73599	10.93028	67.33373	32.07582	35.25791	27.54083	10
2045.765	2046.585	1402.085	90.8571	137.02	91.09195	89.55922	21.43251	13.73063	64.83685	35.34882	29.48804	27.89224	10
2045.77	2046.59	1402.09	94.73837	113.7963	95.02267	94.03381	23.0987	15.09858	61.80272	33.70893	28.09379	27.96366	10
2045.775	2046.595	1402.095	100.2636	73.6131	100.3007	99.42309	29.65572	15.57173	54.77256	26.65809	28.11447	28.18859	10
2045.78	2046.6	1402.1	98.29826	75.09514	98.48367	98.9163	29.95564	14.86385	55.18051	37.2303	17.9502	27.97276	10
2045.785	2046.606	1402.106	97.50717	101.6344	97.39593	99.36128	26.56005	14.17773	59.26222	26.04348	33.21874	27.53406	10
2045.79	2046.611	1402.111	95.91264	161.3285	96.46887	100.8446	8.408069	20.78146	70.81047	53.94852	16.86195	27.56517	10
2045.795	2046.616	1402.116	93.14383	134.1323	93.08203	93.79895	22.32663	13.60703	64.06634	34.62846	29.43788	27.53142	10
2045.8	2046.621	1402.121	94.3181	101.7413	95.13391	97.04983	22.28343	16.76567	60.95089	37.39756	23.55333	27.47005	10
2045.805	2046.626	1402.126	90.52336	81.97059	90.8571	91.45041	34.29514	10.23365	55.4712	26.84141	28.62979	28.08677	10
2045.81	2046.631	1402.131	90.58516	83.63598	91.64819	92.51344	28.18332	13.59852	58.21817	40.78795	17.43021	27.8137	10
2045.815	2046.637	1402.137	92.06845	102.9789	93.48993	95.60362	19.35963	17.88004	62.76033	40.90736	21.85298	27.52774	10
2045.82	2046.642	1402.142	92.21678	99.31199	93.63826	95.49237	20.11056	17.77343	62.11601	38.80125	23.31477	27.5671	10
2045.825	2046.647	1402.147	90.77057	107.9903	92.55052	94.14505	16.56284	18.69649	64.74068	34.49021	30.25047	27.76082	10
2045.83	2046.652	1402.152	90.17726	116.8673	91.77179	92.5258	16.3974	17.88748	65.71513	46.02396	19.69116	27.87757	10
2045.835	2046.657	1402.157	87.71747	163.6814	89.10188	91.87068	8.959901	18.13	72.9101	63.48409	9.426007	27.82526	10
2045.84	2046.662	1402.162	89.52214	151.3668	90.46156	92.98314	13.72841	16.8203	69.45129	48.33078	21.12051	27.47444	10
2045.845	2046.668	1402.168	88.60745	176.1642	89.49742	92.83482	8.952127	17.64184	73.40603	69.05426	4.351772	27.59519	10
2045.85	2046.673	1402.173	89.69519	213.1846	89.46034	88.82994	7.709858	16.25585	76.03429	57.15079	18.8835	-9999	10
2045.855	2046.678	1402.178	90.49864	164.7204	90.7953	90.9189	14.57982	15.644	69.77618	47.03602	22.74016	27.73799	10
2045.86	2046.683	1402.183	94.5406	173.0168	95.0103	96.72845	7.512358	19.92388	72.56376	58.24557	14.31819	-9999	10
2045.865	2046.688	1402.188	90.69641	217.2641	91.79651	93.79895	0	22.87486	77.12514	77.12514	0	-9999	10
2045.87	2046.693	1402.193	92.19206	201.2367	92.46399	94.13269	4.376532	19.09997	76.5235	76.5235	0	-9999	10
2045.875	2046.698	1402.198	91.62346	209.1663	92.08081	92.68649	1.543721	20.10251	78.35377	78.35377	0	-9999	10
2045.88	2046.704	1402.204	90.7953	241.3434	91.265	92.42691	0	21.76163	78.23837	78.23837	0	-9999	10
2045.885	2046.709	1402.209	90.07837	252.283	90.17726	89.76935	0	20.46551	79.53449	79.53449	0	-9999	10
2045.89	2046.714	1402.214	89.74463	250.6635	90.60988	90.43683	0	23.36968	76.63032	76.63032	0	-9999	10
2045.895	2046.719	1402.219	91.47514	253.1539	92.00665	92.55052	0	23.30649	76.69351	76.69351	0	-9999	10
2045.9	2046.724	1402.224	91.36389	271.3204	91.87068	92.41455	0	24.34163	75.65837	75.65837	0	-9999	10
2045.905	2046.729	1402.229	94.59004	264.3991	95.50473	95.73959	0	28.52679	71.47321	71.47321	0	-9999	10
2045.91	2046.735	1402.235	94.26866	204.4452	94.87434	94.21922	0	22.54032	77.45968	77.45968	0	-9999	10
2045.915	2046.74	1402.24	98.68144	201.6797	98.66908	98.71852	0.502373	22.48576	77.01186	77.01186	0	-9999	10
2045.92	2046.745	1402.245	99.46017	241.3129	100.0288	97.47009	0	29.73715	70.26285	70.26285	0	-9999	10
2045.925	2046.75	1402.25	100.2265	324.3071	100.3501	99.06462	0	33.05765	66.94235	66.94235	0	-9999	10
2045.93	2046.755	1402.255	101.8334	329.945	101.7222	99.71974	0	33.28771	66.71229	66.71229	0	-9999	10
2045.935	2046.76	1402.26	103.5392	312.4814	103.9348	105.2203	0	37.95214	62.04786	62.04786	0	-9999	10
2045.94	2046.766	1402.266	103.6257	315.9191	104.1078	101.8705	0	39.01422	60.98578	60.98578	0	-9999	10
2045.945	2046.771	1402.271	104.4415	300.3806	104.5899	103.2549	0	36.15097	63.84903	63.84903	0	-9999	10
2045.95	2046.776	1402.276	105.7147	312.0077	105.4922	103.7246	0	35.14966	64.85034	64.85034	0	-9999	10
2045.955	2046.781	1402.281	103.4774	413.5962	104.2438	110.4241	0	47.79514	52.20486	52.20486	0	-9999	10
2045.96	2046.786	1402.286	108.4588	327.2254	109.1633	108.1003	0	49.18294	50.81706	50.81706	0	-9999	10
2045.965	2046.791	1402.291	109.7937	317.4011	110.1275	111.0793	0	46.71172	53.28828	53.28828	0	-9999	10
2045.97	2046.796	1402.296	107.2845	215.6598	107.4576	107.4452	0	34.32357	65.67643	65.67643	0	-9999	10
2045.975	2046.802	1402.302	102.0188	338.5164	102.9335	104.7382	0	41.9323	58.0677	58.0677	0	-9999	10
2045.98	2046.807	1402.307	104.6764	340.2734	105.8136	107.7048	0	47.91531	52.08469	52.08469	0	-9999	10
2045.985	2046.812	1402.312	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2046.305	2047.142	1402.642	124.6884	261.6489	126.2582	129.2743	0	100	0	0	0	-9999	10
2046.31	2047.147	1402.647	127.6303	211.7637	129.4844	134.1815	0	100	0	0	0	-9999	10
2046.315	2047.152	1402.652	125.1828	177.1573	127.1853	129.8428	0	100	0	0	0	-9999	10
2046.32	2047.158	1402.658	124.0209	167.547	125.6649	126.1346	0	100	0	0	0	-9999	10
2046.325	2047.163	1402.663	125.2694	264.4296	126.4931	127.5932	0	100	0	0	0	-9999	10
2046.33	2047.168	1402.668	120.115	207.9746	120.6465	118.2856	0	65.57193	34.42807	34.42807	0	-9999	10
2046.335	2047.173	1402.673	122.105	215.889	122.7107	120.3869	0	73.90449	26.09551	26.09551	0	-9999	10
2046.34	2047.178	1402.678	124.5648	194.0862	124.4041	125.3065	0	63.21463	36.78537	36.78537	0	-9999	10
2046.345	2047.183	1402.683	124.1322	165.1176	123.749	123.6872	0	55.01852	44.98148	44.98148	0	-9999	10
2046.35	2047.188	1402.688	122.9332	124.3386	122.822	123.6378	0	55.00692	44.99308	44.99308	0	-9999	10
2046.355	2047.194	1402.694	118.6811	133.6739	118.5328	116.0359	0	44.53845	55.46155	55.46155	0	-9999	10
2046.36	2047.199	1402.699	117.5439	123.208	117.3338	117.4574	3.67179	40.42361	55.9046	55.9046	0	-9999	10
2046.365	2047.204	1402.704	113.7121	157.463	113.5267	114.5526	0	36.07392	63.92608	63.92608	0	-9999	10
2046.37	2047.209	1402.709	114.8987	163.4064	115.0841	115.4179	0	43.84032	56.15968	56.15968	0	-9999	10
2046.375	2047.214	1402.714	112.3401	129.2431	112.8468	112.785	1.442702	40.76187	57.79543	57.79543	0	-9999	10
2046.38	2047.219	1402.719	109.2375	104.7665	109.9668	112.167	8.496054	35.83742	55.66652	44.44104	11.22548	26.66155	10
2046.385	2047.225	1402.725	111.0175	119.2355	112.2659	114.8122	0	46.68235	53.31765	53.31765	0	-9999	10
2046.39	2047.23	1402.73	109.1015	147.4859	108.5824	108.4588	7.958404	24.99343	67.04816	63.60554	3.442619	-9999	10
2046.395	2047.235	1402.735	104.3303	80.94691	104.5033	104.4663	23.08584	21.41757	55.4966	24.45287	31.04373	27.56669	10

2046.4	2047.24	1402.74	99.6085	101.1149	99.76919	101.2896	22.64504	17.65842	59.69654	30.72705	28.96949	27.50131	10
2046.405	2047.245	1402.745	104.1572	124.3539	105.3068	106.1226	5.172695	32.60629	62.22102	61.14572	1.075299	-9999	10
2046.41	2047.25	1402.75	108.5947	109.5182	109.2375	108.9903	8.60805	34.05791	57.33404	53.23927	4.094775	27.30372	10
2046.415	2047.256	1402.756	107.6553	106.0652	108.6318	110.9309	7.721456	35.70568	56.57287	44.94544	11.62743	-9999	11
2046.42	2047.261	1402.761	105.1214	181.527	105.9248	107.5688	0	34.85816	65.14184	65.14184	0	-9999	11
2046.425	2047.266	1402.766	104.3674	243.6658	105.381	103.3044	0	39.78375	60.21625	60.21625	0	-9999	11
2046.43	2047.271	1402.771	102.4144	235.8889	103.292	107.4946	0	35.24781	64.75219	64.75219	0	-9999	11
2046.435	2047.276	1402.776	100.5974	270.1286	100.6221	102.1177	0	29.06266	70.93734	70.93734	0	-9999	11
2046.44	2047.281	1402.781	102.7976	297.554	101.2648	101.1907	0	21.34952	78.65048	78.65048	0	-9999	11
2046.445	2047.286	1402.786	102.983	352.0534	101.8458	101.7963	0	28.0405	71.9595	71.9595	0	-9999	11
2046.45	2047.292	1402.792	98.3477	288.6159	98.03868	96.97566	0	26.22898	73.77102	73.77102	0	-9999	11
2046.455	2047.297	1402.797	97.27232	278.4403	96.32054	95.48001	0	21.06815	78.93185	78.93185	0	-9999	11
2046.46	2047.302	1402.802	98.38478	290.1896	98.60728	95.93736	0	29.69528	70.30472	70.30472	0	-9999	11
2046.465	2047.307	1402.807	96.08569	354.0702	95.75195	96.44415	0	28.9338	71.0662	71.0662	0	-9999	11
2046.47	2047.312	1402.812	94.77545	310.3271	94.73837	91.27736	0	26.69657	73.30343	73.30343	0	-9999	11
2046.475	2047.317	1402.817	100.0782	401.7552	98.71852	94.70129	0	28.3062	71.6938	71.6938	0	-9999	11
2046.48	2047.323	1402.823	99.23767	328.2949	98.39715	97.6555	0	26.19168	73.80832	73.80832	0	-9999	11
2046.485	2047.328	1402.828	99.55905	356.9579	98.96574	97.90272	0	29.91067	70.08933	70.08933	0	-9999	11
2046.49	2047.333	1402.833	99.89279	265.8658	99.48489	97.97688	0	25.21969	74.78031	74.78031	0	-9999	11
2046.495	2047.338	1402.838	101.9818	222.52	101.9818	103.1066	0	27.01253	72.98747	72.98747	0	-9999	11
2046.5	2047.343	1402.843	106.7654	212.1762	106.6047	106.2586	0	30.18732	69.81268	69.81268	0	-9999	11
2046.505	2047.348	1402.848	112.3277	287.4242	112.8592	108.3475	0	51.73448	48.26552	48.26552	0	-9999	11
2046.51	2047.354	1402.854	116.4562	361.3887	117.2843	119.2621	0	70.73495	29.26505	29.26505	0	-9999	11
2046.515	2047.359	1402.859	116.1719	465.2232	117.0989	113.0446	0	78.55675	21.44325	21.44325	0	-9999	11
2046.52	2047.364	1402.864	118.4833	435.4449	119.4969	122.1545	0	84.86304	15.13696	15.13696	0	-9999	11
2046.525	2047.369	1402.869	120.424	292.7717	121.351	120.869	0	79.98205	20.01795	20.01795	0	-9999	11
2046.53	2047.374	1402.874	123.6625	268.8758	124.6761	128.409	0	92.38014	7.619859	7.619859	0	-9999	11
2046.535	2047.379	1402.879	123.3535	269.9605	125.0098	127.9022	0	100	0	0	0	-9999	11
2046.54	2047.384	1402.884	119.4969	328.463	121.66	119.8801	0	100	0	0	0	-9999	11
2046.545	2047.39	1402.89	121.0791	310.2812	123.2299	128.4832	0	100	0	0	0	-9999	10
2046.55	2047.395	1402.895	123.4153	193.8876	124.9604	121.2892	0	98.75475	1.24525	1.24525	0	-9999	10
2046.555	2047.4	1402.9	124.948	165.683	125.4301	124.948	0	77.78822	22.21178	22.21178	0	-9999	10
2046.56	2047.405	1402.905	125.4177	140.7327	125.8503	128.5326	0	76.64876	23.35124	23.35124	0	-9999	10
2046.565	2047.41	1402.91	125.257	208.4177	126.5425	131.8824	0	100	0	0	0	-9999	10
2046.57	2047.415	1402.915	121.5488	172.9251	122.0679	124.3918	0	67.37701	32.62299	32.62299	0	-9999	10
2046.575	2047.421	1402.921	120.7577	105.3929	121.3757	122.6489	0	62.30464	37.69536	37.69536	0	-9999	10
2046.58	2047.426	1402.926	119.4846	100.0607	119.5093	120.4611	5.667943	47.16655	47.16551	40.10634	7.059172	-9999	10
2046.585	2047.431	1402.931	117.3709	130.2362	117.5068	117.9395	0	46.16156	53.83844	53.83844	0	-9999	10
2046.59	2047.436	1402.936	118.7305	168.3109	118.8047	117.1978	0	50.84363	49.15637	49.15637	0	-9999	10
2046.595	2047.441	1402.941	118.4215	199.2657	118.2238	115.7393	0	47.56599	52.43401	52.43401	0	-9999	10
2046.6	2047.446	1402.946	119.1014	139.923	119.2126	120.0655	0	50.47558	49.52442	49.52442	0	-9999	10
2046.605	2047.452	1402.952	113.3784	102.0927	112.9086	112.2535	14.62571	28.06371	57.31058	45.1774	12.13317	27.24939	10
2046.61	2047.457	1402.957	114.3301	109.7627	114.2189	115.3808	9.115878	34.93048	55.95365	45.01112	10.94253	26.63252	10
2046.615	2047.462	1402.962	113.4896	191.3818	112.7232	110.2264	0	30.40711	69.59289	69.59289	0	-9999	10
2046.62	2047.467	1402.967	106.2091	94.75892	106.1844	106.7654	19.54754	22.86465	57.58781	38.36042	19.22739	27.39251	10
2046.625	2047.472	1402.972	98.22409	102.5358	97.5937	95.0103	29.70575	11.62092	58.67334	37.61286	21.06048	28.5382	10
2046.63	2047.477	1402.977	97.14871	101.0232	96.28346	96.9015	32.88126	9.51761	57.60112	40.85491	16.74622	28.11054	10
2046.635	2047.482	1402.982	99.44781	79.5871	99.21295	99.47253	31.06806	13.43827	55.49368	22.53007	32.96361	28.1005	10
2046.64	2047.488	1402.988	106.4193	89.60997	106.4811	105.2697	19.92969	23.58878	56.48153	32.84356	23.63797	27.64936	10
2046.645	2047.493	1402.993	105.8877	101.3135	105.8383	102.6245	18.44858	22.69141	58.86	30.78652	28.07349	28.15161	10
2046.65	2047.498	1402.998	109.0027	78.59398	108.5577	107.9025	24.14646	21.00317	54.85037	33.35468	21.49568	27.65851	10
2046.655	2047.503	1403.003	106.9013	102.6886	106.2215	104.5652	22.0689	18.06952	59.86158	30.77637	29.08521	28.12108	10
2046.66	2047.508	1403.008	111.4624	110.6488	110.8691	109.0027	15.27573	24.52191	60.20236	35.87775	24.32462	27.84709	10
2046.665	2047.513	1403.013	110.9433	129.457	110.3005	108.6318	11.58496	24.58509	63.82995	58.51665	5.313305	28.11503	10
2046.67	2047.519	1403.019	109.6207	116.3937	109.0521	107.7542	15.3883	22.97028	61.64141	42.44914	19.19227	27.90887	10
2046.675	2047.524	1403.024	111.0422	137.2339	110.5848	109.5589	8.175038	27.36253	64.46243	63.05651	1.405924	28.07807	10
2046.68	2047.529	1403.029	112.3895	190.2818	111.7344	111.586	0	30.32755	69.67245	69.67245	0	-9999	10
2046.685	2047.534	1403.034	107.0991	195.828	106.8395	106.8148	0	28.53477	71.46523	71.46523	0	-9999	10
2046.69	2047.539	1403.039	106.5058	227.7759	106.2338	105.9619	0	29.89468	70.10532	70.10532	0	-9999	10
2046.695	2047.544	1403.044	110.2016	216.9891	109.2993	108.1745	0	26.79205	73.20795	73.20795	0	-9999	10
2046.7	2047.55	1403.05	114.5403	278.6389	114.3178	115.7887	0	45.14996	54.85004	54.85004	0	-9999	10
2046.705	2047.555	1403.055	111.858	226.1258	112.9334	113.6874	0	53.63869	46.36131	46.36131	0	-9999	10
2046.71	2047.56	1403.06	110.2882	260.2585	110.3129	109.0892	0	40.13497	59.86503	59.86503	0	-9999	10
2046.715	2047.565	1403.065	112.031	209.7011	111.9445	111.4872	0	38.12473	61.87527	61.87527	0	-9999	10
2046.72	2047.57	1403.07	113.7986	205.6522	115.3437	115.492	0	63.79309	36.20691	36.20691	0	-9999	10
2046.725	2047.575	1403.075	115.2572	176.5462	116.1472	116.3944	0	56.03853	43.96147	43.96147	0	-9999	10
2046.73	2047.58	1403.08	117.0124	255.1249	118.1249	117.5068	0	69.85406	30.14594	30.14594	0	-9999	10
2046.735	2047.586	1403.086	117.2349	370.6629	119.2497	123.4153	0	94.06715	5.932854	5.932854	0	-9999	10
2046.74	2047.591	1403.091	115.492	435.4907	117.9642	124.0209	0	99.57554	0.424457	0.424457	0	-9999	10
2046.745	2047.596	1403.096	114.9234	369.792	116.9259	122.4017	0	85.40274	14.59726	14.59726	0	-9999	10
2046.75	2047.601	1403.101	115.3313	289.5021	115.7393	116.2955	0	56.55519	43.44481	43.44481	0	-9999	10
2046.755	2047.606	1403.106	117.4079	249.212	118.2361	117.9147	0	65.81158	34.18842	34.18842	0	-9999	10
2046.76	2047.611	1403.111	116.9506	250.8774	117.3214	118.1372	0	57.14291	42.85709	42.85709	0	-9999	10

2046.765	2047.617	1403.117	117.9024	320.4874	118.7676	118.2361	0	72.69413	27.30587	27.30587	0	-9999	10
2046.77	2047.622	1403.122	121.3139	324.1238	120.5599	118.7429	0	51.80604	48.19396	48.19396	0	-9999	10
2046.775	2047.627	1403.127	118.0754	245.7131	118.6069	119.4475	0	62.34757	37.65243	37.65243	0	-9999	10
2046.78	2047.632	1403.132	121.1533	212.6499	120.9926	121.5488	0	55.35411	44.64589	44.64589	0	-9999	10
2046.785	2047.637	1403.137	117.2102	223.1311	118.4339	119.6823	0	70.19658	29.80342	29.80342	0	-9999	10
2046.79	2047.642	1403.142	121.623	216.164	122.5624	124.8244	0	79.28595	20.71405	20.71405	0	-9999	10
2046.795	2047.648	1403.148	118.9901	310.4798	121.2521	123.3658	0	100	0	0	0	-9999	10
2046.8	2047.653	1403.153	114.2189	432.5725	116.1842	117.9147	0	86.7034	13.2966	13.2966	0	-9999	10
2046.805	2047.658	1403.158	115.1707	427.3319	116.1472	114.429	0	74.06018	25.93982	25.93982	0	-9999	10
2046.81	2047.663	1403.163	119.7688	305.7434	121.0049	123.3411	0	84.63006	15.36994	15.36994	0	-9999	10
2046.815	2047.668	1403.168	119.8925	234.1624	120.8072	120.4611	0	73.99842	26.00158	26.00158	0	-9999	10
2046.82	2047.673	1403.173	124.0827	243.0546	125.2941	126.6167	0	97.13196	2.868044	2.868044	0	-9999	10
2046.825	2047.678	1403.178	118.0013	245.8048	119.2497	122.105	0	74.71502	25.28498	25.28498	0	-9999	10
2046.83	2047.684	1403.184	116.7899	244.2311	118.6069	124.2434	0	80.40492	19.59508	19.59508	0	-9999	10
2046.835	2047.689	1403.189	116.5056	287.1797	119.3857	126.8392	0	100	0	0	0	-9999	10
2046.84	2047.694	1403.194	116.4685	240.8851	118.4092	120.3004	0	81.13999	18.86001	18.86001	0	-9999	10
2046.845	2047.699	1403.199	116.7899	225.2549	118.7429	123.6625	0	81.4804	18.5196	18.5196	0	-9999	10
2046.85	2047.704	1403.204	111.7715	319.7082	114.256	118.5575	0	78.66084	21.33916	21.33916	0	-9999	10
2046.855	2047.709	1403.209	109.9915	359.0969	110.8815	111.9816	0	56.29578	43.70422	43.70422	0	-9999	10
2046.86	2047.715	1403.215	113.9222	262.5351	116.3944	118.0136	0	81.99929	18.00071	18.00071	0	-9999	10
2046.865	2047.72	1403.22	110.9433	131.4585	111.3017	111.9692	3.34114	36.42606	60.2328	60.2328	0	-9999	10
2046.87	2047.725	1403.225	109.4724	215.0487	109.9915	110.8568	0	41.34423	58.65577	58.65577	0	-9999	10
2046.875	2047.73	1403.23	111.0669	249.7467	111.8209	113.3536	0	49.44906	50.55094	50.55094	0	-9999	10
2046.88	2047.735	1403.235	113.3536	222.5353	114.5773	116.2213	0	59.08397	40.91603	40.91603	0	-9999	10
2046.885	2047.74	1403.24	113.4649	199.2962	114.0211	114.3796	0	48.4849	51.5151	51.5151	0	-9999	10
2046.89	2047.746	1403.246	114.1571	185.4078	114.7751	115.1707	0	49.94283	50.05717	50.05717	0	-9999	10
2046.895	2047.751	1403.251	115.2695	199.7241	115.8134	115.6404	0	52.3916	47.6084	47.6084	0	-9999	10
2046.9	2047.756	1403.256	116.5921	159.1589	116.9877	118.3968	0	50.48909	49.51091	49.51091	0	-9999	10
2046.905	2047.761	1403.261	116.0483	200.6713	116.2831	115.6156	0	49.52944	50.47056	50.47056	0	-9999	10
2046.91	2047.766	1403.266	116.209	252.1761	116.6169	114.5279	0	56.0549	43.9451	43.9451	0	-9999	10
2046.915	2047.771	1403.271	114.9729	262.3976	115.3313	115.3932	0	53.2002	46.7998	46.7998	0	-9999	10
2046.92	2047.776	1403.276	114.0582	187.0427	114.8493	117.0248	0	52.29532	47.70468	47.70468	0	-9999	10
2046.925	2047.782	1403.282	116.8641	98.89946	116.8517	115.8011	8.647174	40.55577	50.79705	33.9939	16.80315	26.27841	10
2046.93	2047.787	1403.287	116.2337	94.82003	116.5427	116.7776	7.723674	43.9473	48.32902	44.36939	3.959631	-9999	10
2046.935	2047.792	1403.292	117.4945	103.8039	117.4574	117.8653	7.071914	41.82453	51.10356	47.76944	3.334119	-9999	10
2046.94	2047.797	1403.297	116.1966	157.0505	116.7405	118.0754	0	51.73673	48.26327	48.26327	0	-9999	10
2046.945	2047.802	1403.302	112.5873	223.0242	113.502	112.9704	0	52.99279	47.00721	47.00721	0	-9999	10
2046.95	2047.807	1403.307	110.8691	201.6645	110.8197	110.9927	0	36.21138	63.78862	63.78862	0	-9999	10
2046.955	2047.813	1403.313	110.0286	139.9382	110.4983	110.523	1.268406	36.68649	62.04511	62.04511	0	-9999	10
2046.96	2047.818	1403.318	111.0793	130.9085	111.7962	111.8085	0.571083	40.99653	58.43239	58.43239	0	-9999	10
2046.965	2047.823	1403.323	112.6862	94.17832	113.1682	113.1435	9.801556	38.76837	51.43008	36.45446	14.97561	26.42451	10
2046.97	2047.828	1403.328	110.1522	89.90027	111.0545	110.795	9.911026	38.59444	51.49453	35.97951	15.51502	26.6238	10
2046.975	2047.833	1403.333	106.9384	72.23801	107.6306	108.9532	18.77051	29.27894	51.95056	41.87127	10.07929	26.72601	10
2046.98	2047.838	1403.338	107.0126	63.59023	106.4316	107.4576	30.66199	16.46397	52.87403	36.55299	16.32104	27.85828	10
2046.985	2047.844	1403.344	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2047.31	2048.179	1403.679	79.15149	149.35	78.23679	78.78066	38.12682	6.317838	55.55534	37.29815	18.25719	26.71851	10
2047.315	2048.184	1403.684	81.45058	240.3503	81.19101	79.32454	8.912401	14.69076	76.39684	69.77038	6.626456	27.40649	10
2047.32	2048.189	1403.689	80.7213	170.5416	81.15393	80.04146	21.11249	11.55339	67.33412	46.93122	20.40291	27.04363	10
2047.325	2048.194	1403.694	81.4753	208.7232	82.74846	81.30225	4.664741	16.80625	78.52901	70.68972	7.839285	-9999	10
2047.33	2048.199	1403.699	83.56427	208.3566	84.15758	81.50003	8.100395	15.82803	76.07158	72.3624	3.709173	28.29072	10
2047.335	2048.205	1403.705	83.3665	245.0714	84.51604	82.43944	0	19.93321	80.06679	80.06679	0	-9999	10
2047.34	2048.21	1403.71	79.80661	210.2664	80.94379	79.01552	6.880252	15.69407	77.42568	65.18446	12.24122	-9999	10
2047.345	2048.215	1403.715	79.12677	133.5823	79.89313	80.64714	28.93714	9.267387	61.79548	43.5206	18.27488	26.91849	10
2047.35	2048.22	1403.72	78.02666	126.8749	77.87833	78.12555	38.6613	6.263644	55.07506	31.70904	23.36602	27.16043	10
2047.355	2048.225	1403.725	75.51743	128.4639	75.06008	73.08237	42.98014	5.089233	51.93062	27.9326	23.99803	27.60525	10
2047.36	2048.23	1403.73	72.51377	91.38231	70.9934	68.9786	62.95568	0.226135	36.81819	23.30515	13.51304	30.73384	6
2047.365	2048.236	1403.736	68.44709	45.50017	68.06391	68.08863	68.9873	0	31.0127	7.159997	23.8527	30.01658	6
2047.37	2048.241	1403.741	64.36805	20.24437	64.73887	65.1097	73.00839	0	26.99161	4.633345	22.35827	29.29034	6
2047.375	2048.246	1403.746	63.97251	23.68209	64.81304	65.81426	68.90012	0	31.09988	13.44806	17.65182	29.0758	6
2047.38	2048.251	1403.751	65.65357	18.74705	66.40757	67.50768	69.2184	0	30.7816	8.598805	22.1828	29.21569	6
2047.385	2048.256	1403.756	65.90078	21.63474	66.53118	67.13686	69.2501	0	30.7499	9.225919	21.52399	29.37987	6
2047.39	2048.261	1403.761	62.69935	30.45058	63.71293	66.02439	67.09231	0	32.90769	21.58901	11.31868	28.75927	6
2047.395	2048.266	1403.766	61.92063	32.29932	62.67463	65.03553	69.37305	0	30.62695	6.614771	24.01218	28.73215	6
2047.4	2048.272	1403.772	63.92307	19.48043	64.18264	64.42986	74.46481	0	25.53519	12.93194	12.60325	29.32194	6
2047.405	2048.277	1403.777	58.94169	30.60337	58.95405	59.43612	78.27183	0	21.72817	17.71602	4.012143	29.4232	6
2047.41	2048.282	1403.782	61.25315	27.22676	61.47564	62.71171	75.33391	0	24.66609	15.79597	8.870124	29.10026	6
2047.415	2048.287	1403.787	60.7958	39.52617	61.12954	60.74636	71.91605	0	28.08395	16.4758	11.60815	29.40362	6
2047.42	2048.292	1403.792	59.44848	29.18245	59.99235	61.69813	74.03024	0	25.96976	11.94619	14.02357	28.76184	6
2047.425	2048.297	1403.797	59.54737	23.68209	59.65861	60.1654	78.6232	0	21.3768	9.828737	11.54807	29.31912	6
2047.43	2048.303	1403.803	59.85639	29.39635	59.58445	58.92933	79.92571	0	20.07429	20.07429	0	29.88091	6
2047.435	2048.308	1403.808	59.4114	44.73623	58.57087	58.87989	81.02945	0	18.97055	18.82886	0.141693	30.26819	6
2047.44	2048.313	1403.813	58.90461	61.39009	57.50785	57.03814	81.77627	0	18.22373	18.22373	0	31.01311	6
2047.445	2048.318	1403.818	62.98365	210.4956	57.73034	54.3435	71.82827	4.10855	24.06318	13.72656	10.33662	28.96212	6

2047.45	2048.323	1403.823	63.58933	198.0739	58.96641	55.99984	69.3915	3.748824	26.85967	13.49575	13.36393	28.7287	6
2047.455	2048.328	1403.828	61.25315	134.0254	58.11352	58.58323	75.54507	0.803636	23.6513	11.74656	11.90474	31.0753	6
2047.46	2048.334	1403.834	57.70562	45.20987	56.53135	55.45596	85.07063	0	14.92937	6.603576	8.325794	31.13768	6
2047.465	2048.339	1403.839	55.24583	25.14885	55.62901	53.82435	80.11815	0	19.88185	12.89084	6.991017	29.58827	6
2047.47	2048.344	1403.844	54.80085	23.83488	54.87501	53.15687	83.24041	0	16.75959	11.64764	5.111956	30.01582	6
2047.475	2048.349	1403.849	56.54371	20.85552	56.7662	56.23469	81.20843	0	18.79157	18.79157	0	29.50768	6
2047.48	2048.354	1403.854	55.80207	26.17253	56.11108	56.50663	79.93346	0	20.06654	18.82373	1.242809	29.24227	6
2047.485	2048.359	1403.859	57.95283	18.47203	58.60795	60.99357	77.13599	0	22.86401	8.240432	14.62358	28.48075	6
2047.49	2048.364	1403.864	55.55485	28.58657	55.75262	57.18647	80.43886	0	19.56114	8.347445	11.2137	29.18678	6
2047.495	2048.37	1403.87	55.81443	32.84935	56.02456	56.48191	79.07266	0	20.92734	9.877365	11.04998	29.32535	6
2047.5	2048.375	1403.875	64.52874	108.7543	62.37797	54.85029	70.98347	0.056368	28.96016	9.734645	19.22552	32.37707	6
2047.505	2048.38	1403.88	69.90566	114.2699	69.81913	62.61283	48.70405	3.603675	47.69228	33.03455	14.65773	28.97133	6
2047.51	2048.385	1403.885	76.92655	168.1123	75.67812	66.18508	38.21976	6.458762	55.32148	31.26288	24.0586	28.03866	6
2047.515	2048.39	1403.89	75.88825	172.8029	75.09717	59.96763	34.49544	7.504762	57.9998	40.12792	17.87188	28.84564	6
2047.52	2048.395	1403.895	73.21834	88.15849	74.09595	67.45823	44.50328	4.29788	51.19884	33.22231	17.97652	29.30039	6
2047.525	2048.401	1403.901	68.1628	35.55369	68.49654	70.21468	66.09975	0	33.90025	9.942834	23.95742	29.67915	6
2047.53	2048.406	1403.906	66.23452	24.12517	65.5176	65.64121	78.7821	0	21.2179	14.90609	6.311817	29.87362	6
2047.535	2048.411	1403.911	67.65601	27.91431	67.28518	67.26046	73.87508	0	26.12492	17.00684	9.118077	29.79244	6
2047.54	2048.416	1403.916	69.21346	31.07701	69.23818	70.94396	68.61139	0	31.38861	23.15504	8.233568	29.65662	6
2047.545	2048.421	1403.921	67.96502	12.08551	68.33585	69.85622	71.67361	0	28.32639	9.609857	18.71653	29.35142	6
2047.55	2048.426	1403.926	68.2864	19.66377	68.05155	69.39887	74.23799	0	25.76201	23.3571	2.404904	29.50022	6
2047.555	2048.432	1403.932	72.41489	91.47398	69.06513	68.2246	77.20223	0	22.79777	6.046819	16.75096	30.34593	6
2047.56	2048.437	1403.937	70.32592	122.0926	66.56826	65.61649	74.87562	0	25.12438	22.86007	2.264317	31.01087	6
2047.565	2048.442	1403.942	71.15409	229.0135	64.34333	60.30137	71.90039	2.44348	25.65613	18.96935	6.686776	29.55259	6
2047.57	2048.447	1403.947	62.41506	57.21899	60.80816	59.76986	81.18459	0	18.81541	18.81541	0	30.95492	6
2047.575	2048.452	1403.952	60.32609	22.06254	59.8193	59.51028	83.08848	0	16.91152	16.91152	0	30.0879	6
2047.58	2048.457	1403.957	57.50785	23.6057	57.17411	56.58079	83.96669	0	16.03331	12.61667	3.416641	30.14298	6
2047.585	2048.462	1403.962	57.31007	31.15341	56.93925	56.67968	82.60948	0	17.39052	17.39052	0	30.07742	6
2047.59	2048.468	1403.968	56.18525	23.5293	56.02456	55.0975	83.86082	0	16.13918	4.494605	11.64457	30.08503	6
2047.595	2048.473	1403.973	56.79092	32.68128	56.87745	56.74148	79.17291	0	20.82709	20.82709	0	29.5315	6
2047.6	2048.478	1403.978	60.1036	62.84157	59.54737	59.78222	73.80783	0	26.19217	22.35649	3.835675	29.9939	10
2047.605	2048.483	1403.983	62.95893	105.5916	61.8341	60.48678	65.24203	0.799417	33.95855	17.62813	16.33042	29.96843	10
2047.61	2048.488	1403.988	66.71659	125.3317	65.99967	66.44465	53.84661	2.979941	43.17345	25.4216	17.75185	27.62001	10
2047.615	2048.493	1403.993	66.45702	151.5654	65.69065	67.55712	48.12006	4.657555	47.22239	19.3299	27.89249	26.10913	10
2047.62	2048.499	1403.999	70.73383	224.7812	69.52248	64.57818	29.91579	9.510435	60.57377	31.37156	29.20221	25.51398	10
2047.625	2048.504	1404.004	71.01813	222.9631	71.07993	67.1863	20.22729	11.40008	68.37263	39.7432	28.62943	26.06444	10
2047.63	2048.509	1404.009	74.92412	243.1463	73.55208	70.48661	22.86172	11.00205	66.13622	40.2082	25.92802	25.48121	10
2047.635	2048.514	1404.014	78.90427	293.9177	76.44449	70.80799	15.34333	12.65418	72.00249	55.30692	16.69557	25.98692	10
2047.64	2048.519	1404.019	81.67308	397.248	78.73122	77.85361	0	18.60234	81.39766	81.39766	0	-9999	10
2047.645	2048.524	1404.024	88.11302	439.9827	88.07593	96.58012	0	31.55286	68.44714	68.44714	0	-9999	10
2047.65	2048.53	1404.03	93.26744	411.228	95.15863	101.784	0	42.33887	57.66113	57.66113	0	-9999	10
2047.655	2048.535	1404.035	94.71365	403.9095	98.06341	105.0967	0	52.23617	47.76383	47.76383	0	-9999	10
2047.66	2048.54	1404.04	98.58256	361.0373	100.2636	99.12643	0	44.36691	55.63309	55.63309	0	-9999	10
2047.665	2048.545	1404.045	101.3514	321.6181	102.3031	99.52197	0	40.18591	59.81409	59.81409	0	-9999	10
2047.67	2048.55	1404.05	103.2549	256.2555	104.2314	105.9248	0	38.6257	61.3743	61.3743	0	-9999	10
2047.675	2048.555	1404.055	104.7629	243.62	105.3933	106.1968	0	36.95536	63.04464	63.04464	0	-9999	10
2047.68	2048.56	1404.06	106.0732	230.9691	106.3327	109.4106	0	34.53235	65.46765	65.46765	0	-9999	10
2047.685	2048.566	1404.066	106.2833	238.6849	106.7406	108.1745	0	37.21564	62.78436	62.78436	0	-9999	10
2047.69	2048.571	1404.071	103.6505	247.8216	103.5887	105.3562	0	29.95548	70.04452	70.04452	0	-9999	10
2047.695	2048.576	1404.076	103.5516	241.3587	103.6257	105.9743	0	30.5211	69.4789	69.4789	0	-9999	10
2047.7	2048.581	1404.081	103.9224	237.3251	104.5281	104.1943	0	35.14574	64.85426	64.85426	0	-9999	10
2047.705	2048.586	1404.086	102.4144	215.1556	102.847	104.1943	0	30.31409	69.68591	69.68591	0	-9999	10
2047.71	2048.591	1404.091	103.8235	198.4101	104.3056	103.8359	0	31.33766	68.66234	68.66234	0	-9999	10
2047.715	2048.597	1404.097	104.4168	191.3055	104.7382	105.863	0	30.24644	69.75356	69.75356	0	-9999	10
2047.72	2048.602	1404.102	105.5293	193.307	106.1844	106.9755	0	34.90221	65.09779	65.09779	0	-9999	10
2047.725	2048.607	1404.107	104.2314	231.1983	104.8742	101.5739	0	35.47659	64.52341	64.52341	0	-9999	10
2047.73	2048.612	1404.112	105.0225	205.8203	105.5664	107.3216	0	33.99607	66.00393	66.00393	0	-9999	10
2047.735	2048.617	1404.117	103.737	223.0395	104.2438	106.9508	0	33.09622	66.90378	66.90378	0	-9999	10
2047.74	2048.622	1404.122	103.601	225.209	104.2809	108.706	0	34.52014	65.47986	65.47986	0	-9999	10
2047.745	2048.628	1404.128	104.9113	208.6316	105.7147	107.3834	0	36.36785	63.63215	63.63215	0	-9999	10
2047.75	2048.633	1404.133	105.7641	164.1551	106.5799	106.135	0	34.80209	65.19791	65.19791	0	-9999	10
2047.755	2048.638	1404.138	108.4835	167.2567	108.9038	107.8902	0	35.38414	64.61586	64.61586	0	-9999	10
2047.76	2048.643	1404.143	107.3958	160.0298	108.2486	109.8555	0	37.60121	62.39879	62.39879	0	-9999	10
2047.765	2048.648	1404.148	106.5181	175.4308	107.1609	107.5688	0	35.08825	64.91175	64.91175	0	-9999	10
2047.77	2048.653	1404.153	108.5206	166.9511	109.3117	109.9915	0	39.40994	60.59006	60.59006	0	-9999	10
2047.775	2048.658	1404.158	107.9273	165.3774	108.3599	107.9891	0	34.50485	65.49515	65.49515	0	-9999	10
2047.78	2048.664	1404.164	107.7295	176.0114	108.5329	110.2882	0	38.74886	61.25114	61.25114	0	-9999	10
2047.785	2048.669	1404.169	107.4205	179.8311	108.3105	107.9644	0	39.36323	60.63677	60.63677	0	-9999	10
2047.79	2048.674	1404.174	108.6071	171.1833	109.2375	109.9915	0	38.10806	61.89194	61.89194	0	-9999	10
2047.795	2048.679	1404.179	108.4711	152.5432	109.1139	109.905	0	36.74851	63.25149	63.25149	0	-9999	10
2047.8	2048.684	1404.184	108.8296	147.8985	109.7567	112.2535	0	40.19015	59.80985	59.80985	0	-9999	10
2047.805	2048.689	1404.189	108.9532	153.0933	109.5589	111.5242	0	37.21836	62.78164	62.78164	0	-9999	10
2047.81	2048.695	1404.195	108.6936	153.5058	108.9408	111.8951	0.937544	32.9436	66.11886	66.11886	0	-9999	10

2047.815	2048.7	1404.2	106.8766	164.8426	107.4452	108.9779	0	34.20419	65.79581	65.79581	0	-9999	10
2047.82	2048.705	1404.205	105.1214	174.2238	106.3327	107.7419	0	38.14036	61.85964	61.85964	0	-9999	10
2047.825	2048.71	1404.21	106.8766	159.5409	107.6924	107.0744	0	36.30508	63.69492	63.69492	0	-9999	10
2047.83	2048.715	1404.215	107.0002	151.8098	107.371	108.8049	1.947952	31.55984	66.49221	66.49221	0	-9999	10
2047.835	2048.72	1404.22	105.381	158.3186	106.0732	105.9248	0	32.66183	67.33817	67.33817	0	-9999	10
2047.84	2048.726	1404.226	105.7023	160.9771	106.5552	107.8284	0	34.83996	65.16004	65.16004	0	-9999	10
2047.845	2048.731	1404.231	106.9013	173.6432	107.2969	105.8507	0	33.13142	66.86858	66.86858	0	-9999	10
2047.85	2048.736	1404.236	105.999	178.3032	106.6294	110.041	0	34.36415	65.63585	65.63585	0	-9999	10
2047.855	2048.741	1404.241	104.7382	196.8516	105.7147	106.5058	0	36.87376	63.12624	63.12624	0	-9999	10
2047.86	2048.746	1404.246	105.5416	179.0519	106.1844	106.8148	0	33.8437	66.1563	66.1563	0	-9999	10
2047.865	2048.751	1404.251	104.355	189.1817	105.5046	105.8754	0	37.30228	62.69772	62.69772	0	-9999	10
2047.87	2048.756	1404.256	105.7023	186.7677	107.0867	109.633	0	41.67327	58.32673	58.32673	0	-9999	10
2047.875	2048.762	1404.262	104.0584	168.6318	104.355	105.418	1.158327	28.05646	70.78522	70.78522	0	-9999	10
2047.88	2048.767	1404.267	104.0707	165.8205	104.9607	107.643	0	32.98541	67.01459	67.01459	0	-9999	10
2047.885	2048.772	1404.272	103.8729	177.6462	104.3179	104.182	0	29.68654	70.31346	70.31346	0	-9999	10
2047.89	2048.777	1404.277	103.7864	204.6438	104.2314	106.5058	0	31.39795	68.60205	68.60205	0	-9999	10
2047.895	2048.782	1404.282	103.3662	240.4725	104.4415	105.6529	0	38.563	61.437	61.437	0	-9999	10
2047.9	2048.787	1404.287	103.156	197.9976	103.8359	105.418	0	32.08226	67.91774	67.91774	0	-9999	10
2047.905	2048.793	1404.293	101.9076	224.0784	102.6863	103.8111	0	32.99452	67.00548	67.00548	0	-9999	10
2047.91	2048.798	1404.298	100.894	269.9758	101.7222	103.7493	0	35.18088	64.81912	64.81912	0	-9999	10
2047.915	2048.803	1404.303	98.49603	211.3359	98.89157	100.1276	0	25.58413	74.41587	74.41587	0	-9999	10
2047.92	2048.808	1404.308	101.1536	182.1076	101.8211	102.5009	0	28.37198	71.62802	71.62802	0	-9999	10
2047.925	2048.813	1404.313	102.7481	180.1214	103.3909	103.5392	0	30.03667	69.96333	69.96333	0	-9999	10
2047.93	2048.818	1404.318	106.1102	184.2467	107.6553	111.9074	0	43.86552	56.13448	56.13448	0	-9999	10
2047.935	2048.824	1404.324	112.167	175.4308	113.0075	113.0693	0	47.85506	52.14494	52.14494	0	-9999	10
2047.94	2048.829	1404.329	113.4031	156.8366	114.0087	115.9123	0	46.16382	53.83618	53.83618	0	-9999	10
2047.945	2048.834	1404.334	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2048.3	2049.2	1404.7	115.9988	233.7499	117.3461	118.1496	0	69.20117	30.79883	30.79883	0	-9999	10
2048.305	2049.205	1404.705	113.1188	233.2151	114.6144	116.9012	0	63.01785	36.98215	36.98215	0	-9999	10
2048.31	2049.211	1404.711	114.9358	153.8725	115.7516	115.7145	0	52.56464	47.43536	47.43536	0	-9999	10
2048.315	2049.216	1404.716	114.9358	138.8382	115.628	116.8641	0	49.70468	50.29532	50.29532	0	-9999	10
2048.32	2049.221	1404.721	116.518	123.4372	117.1607	118.7676	0	51.84862	48.15138	48.15138	0	-9999	10
2048.325	2049.227	1404.727	115.7022	151.2904	116.4191	116.7034	0	52.81568	47.18432	47.18432	0	-9999	10
2048.33	2049.232	1404.732	115.7393	246.584	117.1855	117.7293	0	70.86224	29.13776	29.13776	0	-9999	10
2048.335	2049.237	1404.737	119.3609	176.1948	120.3622	120.3374	0	69.97765	30.02235	30.02235	0	-9999	10
2048.34	2049.242	1404.742	118.7058	182.7646	119.8059	119.4598	0	70.10047	29.89953	29.89953	0	-9999	10
2048.345	2049.248	1404.748	119.4598	171	120.3127	121.2274	0	67.15423	32.84577	32.84577	0	-9999	10
2048.35	2049.253	1404.753	112.6862	161.4507	113.2424	111.858	0	44.28701	55.71299	55.71299	0	-9999	10
2048.355	2049.258	1404.758	116.0606	190.1443	117.5563	119.9295	0	68.86965	31.13035	31.13035	0	-9999	10
2048.36	2049.263	1404.763	120.6588	175.935	121.4623	123.2917	0	70.43125	29.56875	29.56875	0	-9999	10
2048.365	2049.269	1404.769	121.4623	164.8121	122.1668	125.6402	0	70.36289	29.63711	29.63711	0	-9999	10
2048.37	2049.274	1404.774	118.2361	202.6423	119.4722	120.1891	0	72.3596	27.6404	27.6404	0	-9999	10
2048.375	2049.279	1404.779	119.8677	167.44	120.6835	120.5723	0	67.51343	32.48657	32.48657	0	-9999	10
2048.38	2049.285	1404.785	117.2473	153.7961	118.3844	118.0383	0	64.15255	35.84745	35.84745	0	-9999	10
2048.385	2049.29	1404.79	117.272	163.3147	118.3597	118.7182	0	64.02695	35.97305	35.97305	0	-9999	10
2048.39	2049.295	1404.795	116.7899	156.3935	117.581	118.6935	0	57.20317	42.79683	42.79683	0	-9999	10
2048.395	2049.3	1404.8	116.8394	118.441	117.1855	119.0396	1.16279	47.53812	51.29909	51.29909	0	-9999	10
2048.4	2049.306	1404.806	113.3289	150.1597	114.2436	114.7504	0	49.80992	50.19008	50.19008	0	-9999	10
2048.405	2049.311	1404.811	112.6738	182.2757	113.4525	115.6774	0	48.62041	51.37959	51.37959	0	-9999	10
2048.41	2049.316	1404.816	113.8233	251.5802	114.9482	116.3696	0	60.8558	39.1442	39.1442	0	-9999	10
2048.415	2049.322	1404.822	114.7628	212.8791	115.7022	118.2361	0	57.95587	42.04413	42.04413	0	-9999	10
2048.42	2049.327	1404.827	113.4772	187.0427	113.7368	114.1447	0	43.63811	56.36189	56.36189	0	-9999	10
2048.425	2049.332	1404.832	113.2795	211.2442	114.0211	114.8616	0	51.42869	48.57131	48.57131	0	-9999	10
2048.43	2049.337	1404.837	114.4167	187.6233	114.5526	116.246	0	43.80492	56.19508	56.19508	0	-9999	10
2048.435	2049.343	1404.843	112.1176	196.3627	112.5873	114.3425	0	44.37506	55.62494	55.62494	0	-9999	10
2048.44	2049.348	1404.848	111.7715	194.6057	112.7356	112.6862	0	49.87431	50.12569	50.12569	0	-9999	10
2048.445	2049.353	1404.853	112.5378	200.4116	113.6256	116.3202	0	53.67284	46.32716	46.32716	0	-9999	10
2048.45	2049.358	1404.858	111.6231	194.3612	112.2906	111.1411	0	45.76321	54.23679	54.23679	0	-9999	10
2048.455	2049.364	1404.864	110.8073	224.3534	111.7715	112.0063	0	49.77674	50.22326	50.22326	0	-9999	10
2048.46	2049.369	1404.869	111.722	241.924	112.476	113.6379	0	50.27264	49.72736	49.72736	0	-9999	10
2048.465	2049.374	1404.874	111.4748	228.7537	112.6243	112.8592	0	53.88403	46.11597	46.11597	0	-9999	10
2048.47	2049.38	1404.88	110.8197	223.5284	111.6973	112.1794	0	48.68725	51.31275	51.31275	0	-9999	10
2048.475	2049.385	1404.885	110.3376	204.1243	111.2029	112.8592	0	46.2393	53.7607	53.7607	0	-9999	10
2048.48	2049.39	1404.89	110.2882	231.672	111.1534	112.2412	0	47.99887	52.00113	52.00113	0	-9999	10
2048.485	2049.395	1404.895	111.2647	220.2434	111.8827	112.1794	0	46.17741	53.82259	53.82259	0	-9999	10
2048.49	2049.401	1404.901	109.3364	216.4543	110.4365	112.5378	0	47.77609	52.22391	52.22391	0	-9999	10
2048.495	2049.406	1404.906	110.2758	199.3115	111.2029	111.9692	0	46.52563	53.47437	53.47437	0	-9999	10
2048.5	2049.411	1404.911	108.8049	201.3742	109.5836	109.3364	0	42.11489	57.88511	57.88511	0	-9999	10
2048.505	2049.417	1404.917	110.5477	175.2169	111.1411	111.1534	0	41.45979	58.54021	58.54021	0	-9999	10
2048.51	2049.422	1404.922	108.8914	221.8935	109.6701	112.3524	0	43.65829	56.34171	56.34171	0	-9999	10
2048.515	2049.427	1404.927	108.3352	199.2962	109.2993	111.0422	0	43.12832	56.87168	56.87168	0	-9999	10
2048.52	2049.432	1404.932	109.4476	193.6889	110.041	109.2746	0	40.69256	59.30744	59.30744	0	-9999	10
2048.525	2049.438	1404.938	110.9804	185.2551	111.8456	112.9334	0	46.28708	53.71292	53.71292	0	-9999	10

2048.53	2049.443	1404.943	109.9668	172.3598	111.0793	112.1794	0	46.26438	53.73562	53.73562	0	-9999	10
2048.535	2049.448	1404.948	109.5218	154.56	110.1275	109.8555	0	38.32335	61.67665	61.67665	0	-9999	10
2048.54	2049.453	1404.953	107.8284	153.0016	108.5577	109.4229	0	36.59207	63.40793	63.40793	0	-9999	10
2048.545	2049.459	1404.959	107.6801	152.3752	108.4093	107.7913	0	36.2966	63.7034	63.7034	0	-9999	10
2048.55	2049.464	1404.964	106.5923	158.3186	107.1609	108.9038	0	33.32518	66.67482	66.67482	0	-9999	10
2048.555	2049.469	1404.969	105.8012	152.6807	106.5181	107.6924	0.15799	33.15096	66.69105	66.69105	0	-9999	10
2048.56	2049.475	1404.975	100.5974	164.5829	100.9558	104.9483	4.8433	24.30332	70.85338	70.32718	0.526207	-9999	10
2048.565	2049.48	1404.98	98.60728	183.1313	99.07699	99.29948	1.323292	24.26962	74.40709	74.40709	0	-9999	10
2048.57	2049.485	1404.985	97.86563	220.3351	98.27354	99.44781	0	25.66936	74.33064	74.33064	0	-9999	10
2048.575	2049.49	1404.99	102.0559	168.9373	102.3897	103.0201	2.639234	26.01074	71.35002	71.35002	0	-9999	10
2048.58	2049.496	1404.996	101.8211	151.4737	102.1424	101.9694	7.177294	24.47427	68.34843	57.15623	11.1922	-9999	10
2048.585	2049.501	1405.001	103.0448	137.9826	103.737	102.8099	6.442467	27.98452	65.57301	53.66225	11.91076	-9999	10
2048.59	2049.506	1405.006	102.0559	129.6098	102.538	104.0336	11.00695	24.49905	64.494	57.60454	6.889457	27.6686	10
2048.595	2049.512	1405.012	103.465	119.4952	103.9718	104.8124	11.96669	25.75531	62.278	43.46664	18.81136	27.60518	10
2048.6	2049.517	1405.017	102.8965	173.2765	103.156	103.7493	1.390641	26.68132	71.92804	71.92804	0	-9999	11
2048.605	2049.522	1405.022	106.0732	180.2589	107.1609	108.706	0	39.01511	60.98489	60.98489	0	-9999	11
2048.61	2049.527	1405.027	104.0213	215.6904	104.8989	108.2486	0	36.17046	63.82954	63.82954	0	-9999	11
2048.615	2049.533	1405.033	101.3266	239.0669	102.5504	106.2586	0	36.67117	63.32883	63.32883	0	-9999	11
2048.62	2049.538	1405.038	103.5516	227.6842	104.4415	105.7271	0	36.39782	63.60218	63.60218	0	-9999	11
2048.625	2049.543	1405.043	102.093	217.8447	102.402	105.5787	0	29.16393	70.83607	70.83607	0	-9999	11
2048.63	2049.548	1405.048	101.0176	225.0868	101.5986	100.9064	0	30.47008	69.52992	69.52992	0	-9999	11
2048.635	2049.554	1405.054	98.07577	194.0251	98.22409	99.74446	1.66668	22.46339	75.86993	75.86993	0	-9999	11
2048.64	2049.559	1405.059	95.925	168.2651	96.43179	96.59248	7.101232	20.97861	71.92016	53.21687	18.70329	-9999	11
2048.645	2049.564	1405.064	98.07577	183.2535	99.41073	101.6604	0	29.35684	70.64316	70.64316	0	-9999	11
2048.65	2049.57	1405.07	99.6085	176.3017	100.8817	103.3785	0	30.43714	69.56286	69.56286	0	-9999	11
2048.655	2049.575	1405.075	101.4502	194.1931	102.4885	105.7518	0	32.38204	67.61796	67.61796	0	-9999	11
2048.66	2049.58	1405.08	102.6492	175.935	104.046	106.7283	0	35.79746	64.20254	64.20254	0	-9999	11
2048.665	2049.585	1405.085	102.2043	198.624	103.1807	106.1226	0	33.23463	66.76537	66.76537	0	-9999	11
2048.67	2049.591	1405.091	101.8829	197.2031	102.9459	104.0707	0	33.37662	66.62338	66.62338	0	-9999	11
2048.675	2049.596	1405.096	100.9929	151.2751	101.92	101.3637	3.293289	28.03195	68.67476	68.67476	0	-9999	11
2048.68	2049.601	1405.101	102.5627	177.9213	103.9966	105.9496	0	36.10193	63.89807	63.89807	0	-9999	11
2048.685	2049.607	1405.107	101.648	174.1168	102.5504	104.7011	0	30.24213	69.75787	69.75787	0	-9999	11
2048.69	2049.612	1405.112	100.8322	213.8722	102.6122	103.601	0	38.5321	61.4679	61.4679	0	-9999	11
2048.695	2049.617	1405.117	105.5911	185.1481	107.062	108.6813	0	42.19556	57.80444	57.80444	0	-9999	11
2048.7	2049.622	1405.122	104.9113	215.9195	105.9372	106.6912	0	38.88799	61.11201	61.11201	0	-9999	11
2048.705	2049.628	1405.128	102.7358	232.5581	103.7988	106.3945	0	36.98581	63.01419	63.01419	0	-9999	11
2048.71	2049.633	1405.133	102.9212	206.0342	103.7617	104.4168	0	33.6287	66.3713	66.3713	0	-9999	11
2048.715	2049.638	1405.138	100.8322	177.2184	101.512	101.6851	0	27.74891	72.25109	72.25109	0	-9999	11
2048.72	2049.644	1405.144	96.19694	194.9724	97.19815	99.74446	0	25.91452	74.08548	74.08548	0	-9999	11
2048.725	2049.649	1405.149	94.78781	198.9601	95.925	97.63078	0	25.52472	74.47528	74.47528	0	-9999	11
2048.73	2049.654	1405.154	96.59248	231.5039	97.98924	102.3897	0	31.20778	68.79222	68.79222	0	-9999	11
2048.735	2049.659	1405.159	94.42935	260.8086	95.99916	98.59492	0	31.72942	68.27058	68.27058	0	-9999	11
2048.74	2049.665	1405.165	92.97078	229.9302	93.98436	93.51466	0	25.24479	74.75521	74.75521	0	-9999	11
2048.745	2049.67	1405.17	92.71121	202.3062	93.63826	96.6172	0	22.72185	77.27815	77.27815	0	-9999	11
2048.75	2049.675	1405.175	91.92012	198.349	93.19328	95.48001	0	23.45602	76.54398	76.54398	0	-9999	11
2048.755	2049.68	1405.18	93.67535	223.0395	95.39349	97.29704	0	29.16102	70.83898	70.83898	0	-9999	11
2048.76	2049.686	1405.186	93.14383	227.9287	93.86076	95.45529	0	23.76591	76.23409	76.23409	0	-9999	11
2048.765	2049.691	1405.191	93.72479	245.3312	94.97322	96.72845	0	28.20236	71.79764	71.79764	0	-9999	11
2048.77	2049.696	1405.196	90.52336	246.966	91.43805	96.2093	0	23.91307	76.08693	76.08693	0	-9999	10
2048.775	2049.702	1405.202	93.47757	198.4254	94.82489	98.33534	0	25.31368	74.68632	74.68632	0	-9999	10
2048.78	2049.707	1405.207	93.82367	139.3882	94.98558	97.61842	10.94548	20.68886	68.36566	61.69232	6.673336	27.71358	10
2048.785	2049.712	1405.212	94.70129	129.1514	95.72723	97.82855	13.66913	20.11213	66.21874	51.50817	14.71057	27.62207	10
2048.79	2049.717	1405.217	92.85954	160.1368	93.81131	94.98558	8.439862	20.12597	71.43417	58.26857	13.1656	28.15333	10
2048.795	2049.723	1405.223	92.34039	219.8309	93.14383	94.80017	0	22.99176	77.00824	77.00824	0	-9999	10
2048.8	2049.728	1405.228	93.8484	211.779	94.07089	95.15863	0.684635	20.72792	78.58745	78.58745	0	-9999	10
2048.805	2049.733	1405.233	93.61354	221.9394	94.1945	96.6172	0	23.05566	76.94434	76.94434	0	-9999	10
2048.81	2049.739	1405.239	93.5641	208.0357	94.51588	94.72601	0	23.98006	76.01994	76.01994	0	-9999	10
2048.815	2049.744	1405.244	93.79895	194.4682	94.52824	95.5789	0.991725	22.11681	76.89147	76.89147	0	-9999	10
2048.82	2049.749	1405.249	92.11789	197.1572	92.97078	94.21922	0.929589	21.51929	77.55112	77.55112	0	-9999	10
2048.825	2049.754	1405.254	94.34283	224.9951	95.18336	93.972	0	25.23973	74.76027	74.76027	0	-9999	10
2048.83	2049.76	1405.26	94.42935	215.5834	95.19572	95.88792	0	24.28463	75.71537	75.71537	0	-9999	10
2048.835	2049.765	1405.265	93.48993	217.9211	94.14505	93.48993	0	23.06168	76.93832	76.93832	0	-9999	10
2048.84	2049.77	1405.27	94.18214	212.5888	94.92378	96.51831	0	23.73392	76.26608	76.26608	0	-9999	10
2048.845	2049.775	1405.275	91.27736	200.1824	91.82124	92.1797	3.365671	19.64693	76.9874	76.9874	0	-9999	10
2048.85	2049.781	1405.281	90.86946	232.9401	91.1414	95.49237	0	20.37502	79.62498	79.62498	0	-9999	10
2048.855	2049.786	1405.286	89.33673	228.2801	89.71991	91.74707	0	19.57911	80.42089	80.42089	0	-9999	10
2048.86	2049.791	1405.291	87.39609	192.0694	87.49498	86.44432	12.34844	14.96571	72.68585	52.71495	19.97091	27.76705	10
2048.865	2049.797	1405.297	88.02649	217.6613	88.71869	90.12782	0.977029	19.27897	79.744	79.744	0	-9999	10
2048.87	2049.802	1405.302	87.81636	226.9814	88.40967	90.82002	0	19.39824	80.60176	80.60176	0	-9999	10
2048.875	2049.807	1405.307	89.31201	207.7607	89.17604	87.74219	8.60862	16.09363	75.29775	54.7845	20.51325	28.18322	10
2048.88	2049.812	1405.312	87.28485	222.0616	87.79164	88.40967	2.031408	18.42861	79.53998	79.13048	0.409503	-9999	10
2048.885	2049.818	1405.318	88.76814	199.6935	89.20076	88.39731	6.654641	17.50444	75.84092	64.15955	11.68137	-9999	10
2048.89	2049.823	1405.323	88.34787	201.3894	89.06479	90.02893	4.427566	18.48193	77.09051	77.09051	0	-9999	10

2048.895	2049.828	1405.328	86.33307	201.1144	87.40846	88.61981	3.569661	18.51776	77.91258	77.91258	0	-9999	10
2048.9	2049.834	1405.334	88.74341	138.1965	89.10188	87.65567	22.13444	13.04501	64.82054	35.85301	28.96753	27.76043	10
2048.905	2049.839	1405.339	87.55678	105.561	88.2119	87.38373	28.82482	11.27979	59.89538	35.89345	24.00193	27.86644	10
2048.91	2049.844	1405.344	89.73227	134.9268	89.76935	88.96591	24.50664	12.09494	63.39843	31.45464	31.94378	27.63584	10
2048.915	2049.849	1405.349	90.32559	172.9557	91.03015	91.09195	9.584839	17.84845	72.56671	52.65566	19.91105	28.14108	10
2048.92	2049.855	1405.355	92.57524	170.893	92.78537	93.18092	11.84614	17.01926	71.1346	52.94615	18.18844	27.89262	10
2048.925	2049.86	1405.36	91.84596	164.5829	92.50108	91.87068	10.59549	18.171	71.23351	62.58958	8.643934	28.23429	10
2048.93	2049.865	1405.365	90.62225	185.4537	91.05487	92.66177	8.394895	17.71136	73.89375	59.38678	14.50697	27.89627	10
2048.935	2049.87	1405.37	91.01779	172.9862	91.49986	93.24272	10.66494	17.35325	71.98181	57.94278	14.03904	27.71915	10
2048.94	2049.876	1405.376	90.65933	181.5118	91.27736	93.58882	7.877789	18.28259	73.83962	66.97724	6.862383	-9999	10
2048.945	2049.881	1405.381	90.07837	196.1488	90.69641	91.59874	4.870099	18.8689	76.261	63.90176	12.35925	-9999	10
2048.95	2049.886	1405.386	89.71991	156.4087	90.49864	91.98193	13.57164	16.62232	69.80605	54.68899	15.11706	27.60725	10
2048.955	2049.892	1405.392	88.34787	153.8572	88.74341	88.29843	18.42106	14.01642	67.56252	45.52525	22.03727	27.58805	10
2048.96	2049.897	1405.397	89.74463	172.1153	90.56044	91.37625	9.460516	17.85733	72.68215	49.21936	23.4628	28.01832	10
2048.965	2049.902	1405.402	91.15376	179.6019	91.69763	94.89906	8.459871	18.17066	73.36947	70.39292	2.976551	27.64846	10
2048.97	2049.907	1405.407	91.68527	163.6509	92.03137	89.07715	13.36376	16.56329	70.07295	41.95176	28.12118	28.41065	10
2048.975	2049.913	1405.413	91.37625	181.6798	91.90776	93.73715	7.848118	18.41186	73.74002	66.8159	6.924117	-9999	10
2048.98	2049.918	1405.418	93.11911	181.4659	93.74951	92.90898	5.530083	20.17729	74.29263	73.36813	0.924502	-9999	10
2048.985	2049.923	1405.423	92.1797	157.188	92.71121	94.81253	13.03598	17.33861	69.62541	43.82551	25.7999	27.55524	10
2048.99	2049.929	1405.429	91.92012	174.4224	92.15498	91.22792	11.40315	16.93666	71.66019	58.14323	13.51696	28.14137	10
2048.995	2049.934	1405.434	88.85466	213.8569	89.43562	92.79773	1.997943	19.10621	78.89585	78.01528	0.880569	-9999	10
2049	2049.939	1405.439	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2049.3	2050.256	1405.756	157.3949	107.5472	157.7039	161.338	0	100	0	0	0	-9999	10
2049.305	2050.261	1405.761	154.9969	143.0398	155.5655	156.2577	0	100	0	0	0	-9999	10
2049.31	2050.266	1405.766	155.17	160.9007	155.9858	158.8782	0	100	0	0	0	-9999	10
2049.315	2050.272	1405.772	152.327	184.4453	153.2664	154.0081	0	100	0	0	0	-9999	10
2049.32	2050.277	1405.777	143.9217	273.9483	145.096	145.8129	0	100	0	0	0	-9999	10
2049.325	2050.282	1405.782	143.761	325.9267	145.5533	148.866	0	100	0	0	0	-9999	10
2049.33	2050.287	1405.787	136.5794	299.0055	137.3087	140.0034	0	100	0	0	0	-9999	10
2049.335	2050.293	1405.793	137.2593	300.9917	138.7426	139.8056	0	100	0	0	0	-9999	10
2049.34	2050.298	1405.798	135.2568	239.8155	136.1345	138.2976	0	100	0	0	0	-9999	10
2049.345	2050.303	1405.803	137.0615	327.1184	138.4706	138.1493	0	100	0	0	0	-9999	10
2049.35	2050.309	1405.809	134.441	322.8098	135.5782	131.6352	0	100	0	0	0	-9999	10
2049.355	2050.314	1405.814	134.3051	267.3784	134.3669	133.9095	0	100	0	0	0	-9999	10
2049.36	2050.319	1405.819	137.729	279.7695	138.0998	138.8291	0	100	0	0	0	-9999	10
2049.365	2050.324	1405.824	130.6092	278.6847	130.9059	129.3979	0	100	0	0	0	-9999	10
2049.37	2050.33	1405.83	133.6623	193.3986	134.4658	130.1519	0	100	0	0	0	-9999	10
2049.375	2050.335	1405.835	128.9529	192.2375	129.8552	126.32	0	100	0	0	0	-9999	10
2049.38	2050.34	1405.84	123.2917	202.2145	124.5895	124.367	0	92.9454	7.054597	7.054597	0	-9999	10
2049.385	2050.345	1405.845	129.7316	165.5607	131.3509	131.8329	0	100	0	0	0	-9999	10
2049.39	2050.351	1405.851	129.0888	257.982	130.7452	129.3855	0	100	0	0	0	-9999	10
2049.395	2050.356	1405.856	140.2506	353.9785	141.7091	141.4001	0	100	0	0	0	-9999	10
2049.4	2050.361	1405.861	157.2589	498.1795	160.1761	165.0338	0	100	0	0	0	-9999	10
2049.405	2050.367	1405.867	163.4022	505.0244	166.0351	165.8497	0	100	0	0	0	-9999	10
2049.41	2050.372	1405.872	158.6063	445.3302	159.9289	160.3244	0	100	0	0	0	-9999	10
2049.415	2050.377	1405.877	155.2689	472.2973	156.6533	154.0328	0	100	0	0	0	-9999	10
2049.42	2050.382	1405.882	150.0156	346.0641	151.9438	150.4853	0	100	0	0	0	-9999	10
2049.425	2050.388	1405.888	149.5211	178.3491	150.6212	152.6978	0	100	0	0	0	-9999	10
2049.43	2050.393	1405.893	149.2863	143.9718	150.1268	152.4506	0	100	0	0	0	-9999	10
2049.435	2050.398	1405.898	150.4482	151.107	151.3258	155.7509	0	100	0	0	0	-9999	10
2049.44	2050.404	1405.904	150.683	154.9114	151.2269	153.7114	0	100	0	0	0	-9999	10
2049.445	2050.409	1405.909	150.9426	131.8558	151.8202	152.8214	0	100	0	0	0	-9999	10
2049.45	2050.414	1405.914	150.5594	126.6763	151.573	154.1317	0	100	0	0	0	-9999	10
2049.455	2050.419	1405.919	150.51	131.1988	151.4123	153.9092	0	100	0	0	0	-9999	10
2049.46	2050.425	1405.925	148.9402	156.4393	149.5706	148.557	0	100	0	0	0	-9999	10
2049.465	2050.43	1405.93	149.0761	134.392	149.3975	149.5335	0	100	0	0	0	-9999	10
2049.47	2050.435	1405.935	148.6682	146.3859	149.447	149.3234	0	100	0	0	0	-9999	10
2049.475	2050.44	1405.94	148.3839	146.9817	149.3852	150.1268	0	100	0	0	0	-9999	10
2049.48	2050.446	1405.946	147.4074	144.1552	148.3839	149.5088	0	100	0	0	0	-9999	10
2049.485	2050.451	1405.951	149.0143	137.952	149.929	149.9167	0	100	0	0	0	-9999	10
2049.49	2050.456	1405.956	150.374	130.771	151.0044	151.437	0	100	0	0	0	-9999	10
2049.495	2050.462	1405.962	150.0774	146.6303	150.9921	151.2516	0	100	0	0	0	-9999	10
2049.5	2050.467	1405.967	151.4247	152.696	152.3023	155.8004	0	100	0	0	0	-9999	10
2049.505	2050.472	1405.972	149.6447	148.2957	150.6954	152.191	0	100	0	0	0	-9999	10
2049.51	2050.477	1405.977	148.4087	159.6937	149.3481	150.4482	0	100	0	0	0	-9999	10
2049.515	2050.483	1405.983	148.8289	154.7128	149.7436	149.6447	0	100	0	0	0	-9999	10
2049.52	2050.488	1405.988	147.8895	155.9657	148.8042	150.2257	0	100	0	0	0	-9999	10
2049.525	2050.493	1405.993	145.8994	149.3041	146.5175	147.8772	0	100	0	0	0	-9999	10
2049.53	2050.499	1405.999	144.6386	167.0886	145.6893	147.1479	0	100	0	0	0	-9999	10
2049.535	2050.504	1406.004	146.9995	152.7877	148.0996	150.1021	0	100	0	0	0	-9999	10
2049.54	2050.509	1406.009	146.1343	164.5523	147.0366	146.0478	0	100	0	0	0	-9999	10
2049.545	2050.514	1406.014	146.3691	157.081	147.6794	147.4322	0	100	0	0	0	-9999	10
2049.55	2050.52	1406.02	145.096	152.9252	145.986	147.4322	0	100	0	0	0	-9999	10

2049.555	2050.525	1406.025	146.0478	148.9069	146.8018	144.8117	0	100	0	0	0	-9999	10
2049.56	2050.53	1406.03	145.3803	161.2368	146.6658	147.4198	0	100	0	0	0	-9999	10
2049.565	2050.535	1406.035	146.1714	145.1941	146.8512	147.0984	0	100	0	0	0	-9999	10
2049.57	2050.541	1406.041	146.9007	135.8894	147.9637	148.6312	0	100	0	0	0	-9999	10
2049.575	2050.546	1406.046	145.7387	136.9589	146.5175	146.5916	0	100	0	0	0	-9999	10
2049.58	2050.551	1406.051	145.1207	143.2384	146.1219	146.295	0	100	0	0	0	-9999	10
2049.585	2050.557	1406.057	144.7375	138.3645	145.3926	144.7375	0	100	0	0	0	-9999	10
2049.59	2050.562	1406.062	144.5645	150.3889	145.5657	146.295	0	100	0	0	0	-9999	10
2049.595	2050.567	1406.067	145.1825	134.0254	145.986	145.9983	0	100	0	0	0	-9999	10
2049.6	2050.572	1406.072	144.9477	127.6999	145.8005	147.049	0	100	0	0	0	-9999	10
2049.605	2050.578	1406.078	144.787	139.8007	145.9489	146.3197	0	100	0	0	0	-9999	10
2049.61	2050.583	1406.083	144.2431	152.4821	144.96	145.6646	0	100	0	0	0	-9999	10
2049.615	2050.588	1406.088	142.8958	155.9351	143.9217	146.0725	0	100	0	0	0	-9999	10
2049.62	2050.594	1406.094	143.7858	125.9123	144.7622	146.0601	0	100	0	0	0	-9999	10
2049.625	2050.599	1406.099	144.4532	126.9666	144.7128	145.232	0	100	0	0	0	-9999	10
2049.63	2050.604	1406.104	144.1566	124.2622	144.7004	146.4557	0	100	0	0	0	-9999	10
2049.635	2050.609	1406.109	142.6238	138.5631	143.6127	144.4532	0	100	0	0	0	-9999	10
2049.64	2050.615	1406.115	144.2925	154.56	145.2072	145.6646	0	100	0	0	0	-9999	10
2049.645	2050.62	1406.12	144.0577	141.5578	144.8241	146.913	0	100	0	0	0	-9999	10
2049.65	2050.625	1406.125	142.4632	142.5662	143.4273	146.0107	0	100	0	0	0	-9999	10
2049.655	2050.63	1406.13	142.9947	148.6624	143.6003	142.4137	0	100	0	0	0	-9999	10
2049.66	2050.636	1406.136	143.0441	135.1713	143.7858	145.3185	0	100	0	0	0	-9999	10
2049.665	2050.641	1406.141	140.7697	152.4668	141.6721	142.562	0	100	0	0	0	-9999	10
2049.67	2050.646	1406.146	140.127	146.6303	140.7326	140.7203	0	100	0	0	0	-9999	10
2049.675	2050.652	1406.152	140.4484	148.311	140.8068	141.4867	0	100	0	0	0	-9999	10
2049.68	2050.657	1406.157	139.6696	176.8976	140.8315	142.6609	0	100	0	0	0	-9999	10
2049.685	2050.662	1406.162	140.0528	163.712	140.9551	142.3519	0	100	0	0	0	-9999	10
2049.69	2050.667	1406.167	140.5596	166.233	141.4125	144.7375	0	100	0	0	0	-9999	10
2049.695	2050.673	1406.173	139.9416	186.3704	140.7697	144.5274	0	100	0	0	0	-9999	10
2049.7	2050.678	1406.178	141.0169	155.2017	141.7833	141.6721	0	100	0	0	0	-9999	10
2049.705	2050.683	1406.183	140.2135	159.1742	141.1653	141.1282	0	100	0	0	0	-9999	10
2049.71	2050.689	1406.189	139.3112	169.4874	139.9539	140.7697	0	100	0	0	0	-9999	10
2049.715	2050.694	1406.194	140.9799	149.0902	141.1035	143.9217	0	100	0	0	0	-9999	10
2049.72	2050.699	1406.199	142.0305	185.8815	142.6115	141.5608	0	100	0	0	0	-9999	10
2049.725	2050.704	1406.204	144.8982	154.0558	146.2085	147.1479	0	100	0	0	0	-9999	10
2049.73	2050.71	1406.21	146.5793	176.9281	149.3481	153.1305	0	100	0	0	0	-9999	10
2049.735	2050.715	1406.215	148.4457	130.9849	150.9303	152.9821	0	100	0	0	0	-9999	10
2049.74	2050.72	1406.22	150.0897	133.3684	153.0069	154.9722	0	100	0	0	0	-9999	10
2049.745	2050.725	1406.225	152.7596	130.007	155.1205	158.631	0	100	0	0	0	-9999	10
2049.75	2050.731	1406.231	152.772	187.0427	154.7744	155.5779	0	100	0	0	0	-9999	10
2049.755	2050.736	1406.236	145.9365	131.321	146.604	147.8524	0	100	0	0	0	-9999	10
2049.76	2050.741	1406.241	142.0552	126.1109	142.4013	143.2666	0	100	0	0	0	-9999	10
2049.765	2050.747	1406.247	139.1134	162.9633	139.6078	142.0182	0	100	0	0	0	-9999	10
2049.77	2050.752	1406.252	139.0021	139.6938	139.6943	139.5337	0	100	0	0	0	-9999	10
2049.775	2050.757	1406.257	137.7166	150.5875	138.5201	141.326	0	100	0	0	0	-9999	10
2049.78	2050.762	1406.262	138.4088	143.7885	139.3112	141.19	0	100	0	0	0	-9999	10
2049.785	2050.768	1406.268	137.5807	151.5501	137.8155	138.5448	0	100	0	0	0	-9999	10
2049.79	2050.773	1406.273	136.0356	143.4218	136.53	138.7179	0	100	0	0	0	-9999	10
2049.795	2050.778	1406.278	138.0875	152.5127	138.7302	138.3594	0	100	0	0	0	-9999	10
2049.8	2050.784	1406.284	138.0009	146.6456	138.6684	139.3235	0	100	0	0	0	-9999	10
2049.805	2050.789	1406.289	137.7661	159.4034	138.4706	136.1221	0	100	0	0	0	-9999	10
2049.81	2050.794	1406.294	138.2729	161.7716	139.5337	140.6956	0	100	0	0	0	-9999	10
2049.815	2050.799	1406.299	136.8143	140.4577	137.2098	136.7525	0	100	0	0	0	-9999	10
2049.82	2050.805	1406.305	134.886	122.1843	135.0714	134.8119	0	100	0	0	0	-9999	10
2049.825	2050.81	1406.31	135.6648	134.774	136.2828	136.0727	0	100	0	0	0	-9999	10
2049.83	2050.815	1406.315	137.3705	101.9705	137.7414	138.1863	0	100	0	0	0	-9999	10
2049.835	2050.82	1406.32	138.3841	79.95379	138.792	139.6078	0	100	0	0	0	-9999	10
2049.84	2050.826	1406.326	140.5596	102.3983	141.2765	139.3853	0	100	0	0	0	-9999	10
2049.845	2050.831	1406.331	140.5843	154.8961	141.5114	144.5027	0	100	0	0	0	-9999	10
2049.85	2050.836	1406.336	141.5237	144.8274	142.6115	143.279	0	100	0	0	0	-9999	10
2049.855	2050.842	1406.342	141.3136	144.5983	142.0676	143.3408	0	100	0	0	0	-9999	10
2049.86	2050.847	1406.347	142.0676	131.4127	142.4384	142.5373	0	100	0	0	0	-9999	10
2049.865	2050.852	1406.352	138.8662	142.3064	139.237	140.8686	0	100	0	0	0	-9999	10
2049.87	2050.857	1406.357	138.6808	136.7603	139.2988	139.6078	0	100	0	0	0	-9999	10
2049.875	2050.863	1406.363	137.3705	148.1277	137.8897	139.5584	0	100	0	0	0	-9999	10
2049.88	2050.868	1406.368	134.9849	136.2102	134.9973	135.3063	0	100	0	0	0	-9999	10
2049.885	2050.873	1406.373	131.4497	116.3173	131.425	130.8564	0	86.28827	13.71173	13.71173	0	-9999	10
2049.89	2050.879	1406.379	133.2791	106.0041	133.2668	134.4534	0	94.31553	5.684472	5.684472	0	-9999	10
2049.895	2050.884	1406.384	133.2668	166.3858	133.3162	135.7266	0	100	0	0	0	-9999	10
2049.9	2050.889	1406.389	134.3669	202.4131	134.9231	134.9725	0	100	0	0	0	-9999	10
2049.905	2050.894	1406.394	132.3274	185.8815	133.3533	135.6771	0	100	0	0	0	-9999	10
2049.91	2050.9	1406.4	134.8984	185.6218	135.2198	133.7983	0	100	0	0	0	-9999	10
2049.915	2050.905	1406.405	134.9725	244.0325	134.8737	134.9355	0	100	0	0	0	-9999	10

2049.92	2050.91	1406.41	133.7118	287.6534	133.9219	136.3693	0	100	0	0	0	-9999	10
2049.925	2050.916	1406.416	132.2161	341.5721	132.7476	134.6264	0	100	0	0	0	-9999	10
2049.93	2050.921	1406.421	128.3843	332.084	128.7675	123.7119	0	100	0	0	0	-9999	10
2049.935	2050.926	1406.426	125.7144	301.2362	124.8986	121.932	0	58.13092	41.86908	41.86908	0	-9999	10
2049.94	2050.931	1406.431	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2050.305	2051.317	1406.817	150.8066	153.735	150.9921	151.7461	0	100	0	0	0	-9999	10
2050.31	2051.322	1406.822	158.0624	181.3284	158.7175	160.1143	0	100	0	0	0	-9999	10
2050.315	2051.327	1406.827	163.8719	220.3657	164.4776	165.3676	0	100	0	0	0	-9999	10
2050.32	2051.332	1406.832	162.0302	365.8501	164.0079	168.0375	0	100	0	0	0	-9999	10
2050.325	2051.338	1406.838	164.2428	273.1233	166.2081	163.4393	0	100	0	0	0	-9999	10
2050.33	2051.343	1406.843	160.2379	331.5493	163.1056	167.4195	0	100	0	0	0	-9999	10
2050.335	2051.348	1406.848	158.6063	269.38	160.6458	170.2624	0	100	0	0	0	-9999	10
2050.34	2051.354	1406.854	158.3591	218.0739	159.521	160.9795	0	100	0	0	0	-9999	10
2050.345	2051.359	1406.859	158.9647	250.6635	160.6211	164.9968	0	100	0	0	0	-9999	10
2050.35	2051.364	1406.864	160.139	220.0143	161.0166	158.1489	0	100	0	0	0	-9999	10
2050.355	2051.369	1406.869	159.0265	266.2784	160.3368	162.1909	0	100	0	0	0	-9999	10
2050.36	2051.375	1406.875	159.2737	240.5336	158.9029	162.71	0	100	0	0	0	-9999	10
2050.365	2051.38	1406.88	159.4962	203.5132	159.8423	159.8423	0	100	0	0	0	-9999	10
2050.37	2051.385	1406.885	158.9895	223.1617	159.4839	157.1601	0	100	0	0	0	-9999	10
2050.375	2051.391	1406.891	159.4839	162.0161	160.2626	159.4839	0	100	0	0	0	-9999	10
2050.38	2051.396	1406.896	156.7151	195.1099	158.0006	158.0253	0	100	0	0	0	-9999	10
2050.385	2051.401	1406.901	155.8004	204.216	156.987	160.2132	0	100	0	0	0	-9999	10
2050.39	2051.406	1406.906	156.233	199.8768	157.4444	157.4938	0	100	0	0	0	-9999	10
2050.395	2051.412	1406.912	157.8028	160.2132	158.3714	160.72	0	100	0	0	0	-9999	10
2050.4	2051.417	1406.917	157.9141	195.6599	158.9771	159.7064	0	100	0	0	0	-9999	10
2050.405	2051.422	1406.922	155.2194	222.7339	156.8263	155.8869	0	100	0	0	0	-9999	10
2050.41	2051.427	1406.927	156.1218	188.7692	156.0352	154.3665	0	100	0	0	0	-9999	10
2050.415	2051.433	1406.933	145.8871	215.9195	146.8389	149.3975	0	100	0	0	0	-9999	10
2050.42	2051.438	1406.938	143.4767	223.7117	144.1195	147.4198	0	100	0	0	0	-9999	10
2050.425	2051.443	1406.943	143.5138	204.0021	144.9229	147.5311	0	100	0	0	0	-9999	10
2050.43	2051.449	1406.949	144.7375	197.4322	146.0478	146.5175	0	100	0	0	0	-9999	10
2050.435	2051.454	1406.954	145.6522	175.4155	146.5669	145.5163	0	100	0	0	0	-9999	10
2050.44	2051.459	1406.959	147.4692	143.7121	148.0873	149.0143	0	100	0	0	0	-9999	10
2050.445	2051.464	1406.964	145.2938	150.0375	146.0478	149.0638	0	100	0	0	0	-9999	10
2050.45	2051.47	1406.97	144.478	152.146	145.2567	145.1331	0	100	0	0	0	-9999	10
2050.455	2051.475	1406.975	143.2419	130.4807	144.1195	146.4433	0	100	0	0	0	-9999	10
2050.46	2051.48	1406.98	143.3037	119.4647	143.4644	143.7487	0	100	0	0	0	-9999	10
2050.465	2051.486	1406.986	144.1071	157.463	145.7511	148.3592	0	100	0	0	0	-9999	10
2050.47	2051.491	1406.991	143.4273	168.3873	144.2307	144.2555	0	100	0	0	0	-9999	10
2050.475	2051.496	1406.996	140.3989	200.381	141.5237	143.2419	0	100	0	0	0	-9999	10
2050.48	2051.501	1407.001	145.9983	171.825	146.7029	147.185	0	100	0	0	0	-9999	10
2050.485	2051.507	1407.007	148.112	171.2903	148.9155	148.6188	0	100	0	0	0	-9999	10
2050.49	2051.512	1407.012	148.6559	199.1282	150.0403	151.4618	0	100	0	0	0	-9999	10
2050.495	2051.517	1407.017	149.311	178.0129	150.2257	155.1576	0	100	0	0	0	-9999	10
2050.5	2051.522	1407.022	149.8301	136.5311	150.4482	152.1169	0	100	0	0	0	-9999	10
2050.505	2051.528	1407.028	149.892	106.2486	150.4729	149.1998	0	100	0	0	0	-9999	10
2050.51	2051.533	1407.033	146.8883	136.0421	146.9501	146.4557	0	100	0	0	0	-9999	10
2050.515	2051.538	1407.038	147.7535	214.8806	148.0255	149.892	0	100	0	0	0	-9999	10
2050.52	2051.544	1407.044	145.9736	208.4024	146.3691	149.1132	0	100	0	0	0	-9999	10
2050.525	2051.549	1407.049	141.9811	179.2811	141.9069	141.635	0	100	0	0	0	-9999	10
2050.53	2051.554	1407.054	142.6115	177.9213	142.0676	140.0281	0	100	0	0	0	-9999	10
2050.535	2051.559	1407.059	142.1541	185.1939	142.0923	141.5485	0	100	0	0	0	-9999	10
2050.54	2051.565	1407.065	142.9081	221.4657	143.897	144.3791	0	100	0	0	0	-9999	10
2050.545	2051.57	1407.07	142.8587	193.5209	143.1183	141.4125	0	100	0	0	0	-9999	10
2050.55	2051.575	1407.075	141.4619	197.5545	141.4743	141.2642	0	100	0	0	0	-9999	10
2050.555	2051.581	1407.081	139.3606	188.8303	139.4719	140.8068	0	100	0	0	0	-9999	10
2050.56	2051.586	1407.086	140.5102	171.0152	140.9304	140.8933	0	100	0	0	0	-9999	10
2050.565	2051.591	1407.091	140.9799	173.2765	141.0169	141.6968	0	100	0	0	0	-9999	10
2050.57	2051.596	1407.096	141.7462	173.3376	142.4137	143.6992	0	100	0	0	0	-9999	10
2050.575	2051.602	1407.102	142.6238	176.3017	143.452	145.4792	0	100	0	0	0	-9999	10
2050.58	2051.607	1407.107	142.3519	149.9305	143.3531	146.8636	0	100	0	0	0	-9999	10
2050.585	2051.612	1407.112	139.7932	163.33	140.4731	141.9069	0	100	0	0	0	-9999	10
2050.59	2051.617	1407.117	141.1406	176.5614	141.944	143.8105	0	100	0	0	0	-9999	10
2050.595	2051.623	1407.123	143.9712	167.44	144.5521	147.5063	0	100	0	0	0	-9999	10
2050.6	2051.628	1407.128	143.1306	166.0955	143.9341	145.6399	0	100	0	0	0	-9999	10
2050.605	2051.633	1407.133	139.7562	219.0975	140.572	138.9527	0	100	0	0	0	-9999	10
2050.61	2051.639	1407.139	139.5707	182.2604	140.0652	142.3643	0	100	0	0	0	-9999	10
2050.615	2051.644	1407.144	138.8044	221.5116	139.7809	140.0281	0	100	0	0	0	-9999	10
2050.62	2051.649	1407.149	138.928	247.4855	139.5337	136.8143	0	100	0	0	0	-9999	10
2050.625	2051.654	1407.154	139.1134	198.7615	139.6078	139.8798	0	100	0	0	0	-9999	10
2050.63	2051.66	1407.16	136.9626	174.728	138.0009	138.7673	0	100	0	0	0	-9999	10
2050.635	2051.665	1407.165	139.0516	121.3593	139.8798	142.2036	0	100	0	0	0	-9999	10
2050.64	2051.67	1407.17	140.2011	131.2905	140.436	141.19	0	100	0	0	0	-9999	10

2050.645	2051.676	1407.176	138.6437	174.2085	139.3482	140.745	0	100	0	0	0	-9999	10
2050.65	2051.681	1407.181	137.2593	216.6376	137.8526	139.8798	0	100	0	0	0	-9999	10
2050.655	2051.686	1407.186	138.3718	209.4413	138.9156	141.6226	0	100	0	0	0	-9999	10
2050.66	2051.691	1407.191	136.8637	221.6185	137.3087	138.8909	0	100	0	0	0	-9999	10
2050.665	2051.697	1407.197	138.8167	189.2275	139.2741	141.771	0	100	0	0	0	-9999	10
2050.67	2051.702	1407.202	137.6548	201.6645	138.3099	136.9503	0	100	0	0	0	-9999	10
2050.675	2051.707	1407.207	137.2593	221.3741	137.7537	137.9886	0	100	0	0	0	-9999	10
2050.68	2051.712	1407.212	137.6054	217.9211	138.0998	138.8662	0	100	0	0	0	-9999	10
2050.685	2051.718	1407.218	136.8514	218.7767	137.2716	138.3594	0	100	0	0	0	-9999	10
2050.69	2051.723	1407.223	136.9379	216.821	137.2469	139.8427	0	100	0	0	0	-9999	10
2050.695	2051.728	1407.228	137.729	195.7516	138.2852	138.2852	0	100	0	0	0	-9999	10
2050.7	2051.734	1407.234	138.0256	216.6835	138.3223	139.8798	0	100	0	0	0	-9999	10
2050.705	2051.739	1407.239	137.1233	210.6789	138.1616	140.6708	0	100	0	0	0	-9999	10
2050.71	2051.744	1407.244	137.2098	208.1885	138.2729	141.6968	0	100	0	0	0	-9999	10
2050.715	2051.749	1407.249	136.2951	208.9219	137.6301	140.9675	0	100	0	0	0	-9999	10
2050.72	2051.755	1407.255	136.3322	217.371	137.5559	141.2889	0	100	0	0	0	-9999	10
2050.725	2051.76	1407.26	137.4323	185.0259	137.9391	140.0281	0	100	0	0	0	-9999	10
2050.73	2051.765	1407.265	136.6165	216.8668	137.1851	137.3334	0	100	0	0	0	-9999	10
2050.735	2051.771	1407.271	133.5511	242.1685	134.1073	135.158	0	100	0	0	0	-9999	10
2050.74	2051.776	1407.276	132.3892	270.2356	132.9083	131.6352	0	100	0	0	0	-9999	10
2050.745	2051.781	1407.281	129.6327	285.9116	129.5956	128.6562	0	89.85921	10.14079	10.14079	0	-9999	10
2050.75	2051.786	1407.286	129.5833	217.7988	129.744	128.5079	0	90.99941	9.000589	9.000589	0	-9999	10
2050.755	2051.792	1407.292	132.8341	162.6883	133.0072	134.2803	0	100	0	0	0	-9999	10
2050.76	2051.797	1407.297	133.378	148.7846	133.514	134.132	0	100	0	0	0	-9999	10
2050.765	2051.802	1407.302	134.1444	194.3459	134.4534	134.6264	0	100	0	0	0	-9999	10
2050.77	2051.807	1407.307	135.6029	267.9132	136.4558	134.713	0	100	0	0	0	-9999	10
2050.775	2051.813	1407.313	137.6548	234.2235	138.0256	140.2382	0	100	0	0	0	-9999	10
2050.78	2051.818	1407.318	136.975	262.367	137.2593	142.1789	0	100	0	0	0	-9999	10
2050.785	2051.823	1407.323	138.9898	225.5604	139.0763	138.2852	0	100	0	0	0	-9999	10
2050.79	2051.829	1407.329	139.4719	239.0974	139.7932	141.6226	0	100	0	0	0	-9999	10
2050.795	2051.834	1407.334	139.2864	254.422	139.5337	139.4348	0	100	0	0	0	-9999	10
2050.8	2051.839	1407.339	138.5695	266.8131	139.3606	140.1023	0	100	0	0	0	-9999	10
2050.805	2051.844	1407.344	138.174	247.8675	139.0887	140.7574	0	100	0	0	0	-9999	10
2050.81	2051.85	1407.35	135.8378	252.4205	136.085	134.1444	0	100	0	0	0	-9999	10
2050.815	2051.855	1407.355	134.0702	230.9691	134.886	137.0492	0	100	0	0	0	-9999	10
2050.82	2051.86	1407.36	133.1802	299.8305	134.0579	135.5906	0	100	0	0	0	-9999	10
2050.825	2051.866	1407.366	132.1667	354.5896	132.488	132.5746	0	100	0	0	0	-9999	10
2050.83	2051.871	1407.371	132.1172	301.3584	132.6116	134.8613	0	100	0	0	0	-9999	10
2050.835	2051.876	1407.376	133.3162	366.9349	134.4781	135.3681	0	100	0	0	0	-9999	10
2050.84	2051.881	1407.381	132.624	349.1657	133.4522	133.8106	0	100	0	0	0	-9999	10
2050.845	2051.887	1407.387	130.8441	372.1908	131.0171	134.3298	0	100	0	0	0	-9999	10
2050.85	2051.892	1407.392	132.2532	317.3095	133.069	131.6722	0	100	0	0	0	-9999	10
2050.855	2051.897	1407.397	131.8082	301.0376	132.6735	134.3298	0	100	0	0	0	-9999	10
2050.86	2051.902	1407.402	131.3385	287.6839	131.8576	132.315	0	100	0	0	0	-9999	10
2050.865	2051.908	1407.408	131.9071	286.7366	132.7229	132.4139	0	100	0	0	0	-9999	10
2050.87	2051.913	1407.413	131.4003	293.0315	132.2285	133.6994	0	100	0	0	0	-9999	10
2050.875	2051.918	1407.418	129.5215	290.2966	130.7081	131.0048	0	100	0	0	0	-9999	10
2050.88	2051.924	1407.424	128.2483	277.4319	128.3966	127.1482	0	89.23319	10.76681	10.76681	0	-9999	10
2050.885	2051.929	1407.429	132.5251	255.1554	133.1555	136.2704	0	100	0	0	0	-9999	10
2050.89	2051.934	1407.434	133.2915	253.2761	133.9961	134.5276	0	100	0	0	0	-9999	10
2050.895	2051.939	1407.439	133.8106	243.238	134.7624	136.0974	0	100	0	0	0	-9999	10
2050.9	2051.945	1407.445	135.7389	253.4136	136.9379	140.2382	0	100	0	0	0	-9999	10
2050.905	2051.95	1407.45	136.7278	262.9629	137.4941	138.5695	0	100	0	0	0	-9999	10
2050.91	2051.955	1407.455	138.4212	232.3595	138.3099	137.7166	0	100	0	0	0	-9999	10
2050.915	2051.961	1407.461	135.5782	244.8117	135.8502	138.2111	0	100	0	0	0	-9999	10
2050.92	2051.966	1407.466	137.148	225.1785	137.5065	136.6042	0	100	0	0	0	-9999	10
2050.925	2051.971	1407.471	133.4645	259.8154	134.0208	132.9825	0	100	0	0	0	-9999	10
2050.93	2051.976	1407.476	133.8724	263.0698	133.9713	133.6252	0	100	0	0	0	-9999	10
2050.935	2051.982	1407.482	131.6722	282.4586	132.1419	134.6512	0	100	0	0	0	-9999	10
2050.94	2051.987	1407.487	128.9529	360.9609	129.6574	131.3509	0	100	0	0	0	-9999	10
2050.945	2051.992	1407.492	130.1148	369.792	130.2013	133.1926	0	100	0	0	0	-9999	10
2050.95	2051.997	1407.497	129.0023	333.1383	129.5709	129.9665	0	100	0	0	0	-9999	10
2050.955	2052.003	1407.503	129.8799	314.1926	130.226	133.9713	0	100	0	0	0	-9999	10
2050.96	2052.008	1407.508	127.346	319.0512	127.4201	127.7168	0	86.58534	13.41466	13.41466	0	-9999	10
2050.965	2052.013	1407.513	126.7032	323.1918	126.6167	126.283	0	80.39546	19.60454	19.60454	0	-9999	10
2050.97	2052.019	1407.519	127.9764	276.5304	127.7168	127.8528	0	76.88827	23.11173	23.11173	0	-9999	10
2050.975	2052.024	1407.524	129.2866	296.6984	130.1024	132.5375	0	100	0	0	0	-9999	10
2050.98	2052.029	1407.529	132.8589	263.3907	134.1073	136.394	0	100	0	0	0	-9999	10
2050.985	2052.034	1407.534	134.8984	244.063	135.6895	137.5807	0	100	0	0	0	-9999	10
2050.99	2052.04	1407.54	138.5077	225.1785	138.9403	140.436	0	100	0	0	0	-9999	10
2050.995	2052.045	1407.545	138.1987	198.3795	138.6808	138.0751	0	100	0	0	0	-9999	10
2051	2052.05	1407.55	135.1332	221.6338	134.9725	127.7539	0	100	0	0	0	-9999	10
2051.005	2052.056	1407.556	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999

2051.3	2052.367	1407.867	151.128	294.0552	153.0316	151.1033	0	100	0	0	0	-9999	10
2051.305	2052.372	1407.872	152.2529	326.11	153.7114	157.6916	0	100	0	0	0	-9999	10
2051.31	2052.378	1407.878	154.9351	366.721	156.7645	155.5779	0	100	0	0	0	-9999	10
2051.315	2052.383	1407.883	156.06	415.0324	158.1366	160.72	0	100	0	0	0	-9999	10
2051.32	2052.388	1407.888	158.4827	349.4254	159.4468	164.181	0	100	0	0	0	-9999	10
2051.325	2052.393	1407.893	152.6237	411.3961	154.2677	158.1242	0	100	0	0	0	-9999	10
2051.33	2052.399	1407.899	157.3331	288.784	157.605	158.7052	0	100	0	0	0	-9999	10
2051.335	2052.404	1407.904	152.3023	360.5636	154.2306	153.8103	0	100	0	0	0	-9999	10
2051.34	2052.409	1407.909	156.6038	316.7289	156.814	155.1205	0	100	0	0	0	-9999	10
2051.345	2052.414	1407.914	155.4666	316.7594	156.2083	155.1823	0	100	0	0	0	-9999	10
2051.35	2052.42	1407.92	153.4148	353.2451	155.1947	156.9376	0	100	0	0	0	-9999	10
2051.355	2052.425	1407.925	156.4184	265.3158	156.8758	156.9376	0	100	0	0	0	-9999	10
2051.36	2052.43	1407.93	154.0699	246.9966	154.4901	160.1637	0	100	0	0	0	-9999	10
2051.365	2052.436	1407.936	154.0946	264.7047	154.5149	157.9017	0	100	0	0	0	-9999	10
2051.37	2052.441	1407.941	149.5582	266.0492	149.9043	156.9376	0	100	0	0	0	-9999	10
2051.375	2052.446	1407.946	151.0909	220.9921	150.6583	154.4531	0	100	0	0	0	-9999	10
2051.38	2052.451	1407.951	150.7325	207.9135	150.9055	149.5459	0	100	0	0	0	-9999	10
2051.385	2052.457	1407.957	152.3888	281.2668	153.7732	160.4357	0	100	0	0	0	-9999	10
2051.39	2052.462	1407.962	146.0601	202.1839	146.3321	145.3556	0	100	0	0	0	-9999	10
2051.395	2052.467	1407.967	139.5707	138.4715	139.8056	141.4496	0	100	0	0	0	-9999	10
2051.4	2052.473	1407.973	135.2939	187.0732	134.3916	132.2161	0	75.26661	24.73339	24.73339	0	-9999	10
2051.405	2052.478	1407.978	132.4262	141.5578	132.0183	131.1284	0	79.25146	20.74854	20.74854	0	-9999	10
2051.41	2052.483	1407.983	132.2903	155.0795	132.3521	131.6352	0	95.57963	4.420366	4.420366	0	-9999	10
2051.415	2052.488	1407.988	127.6056	151.4737	127.9022	128.1494	0	82.31056	17.68944	17.68944	0	-9999	10
2051.42	2052.494	1407.994	130.1889	141.3897	130.1395	128.4955	0	81.9394	18.0606	18.0606	0	-9999	10
2051.425	2052.499	1407.999	130.3867	140.2744	130.2013	129.8428	0	78.45568	21.54432	21.54432	0	-9999	10
2051.43	2052.504	1408.004	133.2915	194.8807	133.6376	136.9255	0	100	0	0	0	-9999	10
2051.435	2052.509	1408.009	134.6264	166.1413	134.6759	134.9478	0	100	0	0	0	-9999	10
2051.44	2052.515	1408.015	134.7748	173.3682	135.5041	136.6536	0	100	0	0	0	-9999	10
2051.445	2052.52	1408.02	133.6005	163.7884	134.0702	134.7624	0	100	0	0	0	-9999	10
2051.45	2052.525	1408.025	134.9973	157.2796	135.5659	137.5807	0	100	0	0	0	-9999	10
2051.455	2052.531	1408.031	133.4893	235.4153	134.5646	136.221	0	100	0	0	0	-9999	10
2051.46	2052.536	1408.036	131.425	283.1614	133.1432	135.3434	0	100	0	0	0	-9999	10
2051.465	2052.541	1408.041	132.3274	213.918	133.4769	134.6264	0	100	0	0	0	-9999	10
2051.47	2052.546	1408.046	132.5746	230.5108	133.9095	135.4175	0	100	0	0	0	-9999	10
2051.475	2052.552	1408.052	130.498	305.2698	131.2643	133.3533	0	100	0	0	0	-9999	10
2051.48	2052.557	1408.057	127.8528	334.5286	128.4337	130.7946	0	100	0	0	0	-9999	10
2051.485	2052.562	1408.062	126.3324	399.6773	127.7292	127.1976	0	100	0	0	0	-9999	10
2051.49	2052.568	1408.068	126.0852	373.8256	126.8392	129.0394	0	100	0	0	0	-9999	10
2051.495	2052.573	1408.073	124.9356	359.2955	126.0357	125.6278	0	100	0	0	0	-9999	10
2051.5	2052.578	1408.078	127.828	214.2083	128.3966	127.6056	0	95.05181	4.948191	4.948191	0	-9999	10
2051.505	2052.583	1408.083	129.2001	163.8495	129.5338	129.7934	0	90.89737	9.102634	9.102634	0	-9999	10
2051.51	2052.589	1408.089	130.943	189.0136	131.3632	131.9689	0	100	0	0	0	-9999	10
2051.515	2052.594	1408.094	131.0666	295.5983	131.3261	132.7971	0	100	0	0	0	-9999	10
2051.52	2052.599	1408.099	134.0949	259.1126	134.9849	135.8502	0	100	0	0	0	-9999	10
2051.525	2052.604	1408.104	133.1184	303.2224	133.9095	134.0949	0	100	0	0	0	-9999	10
2051.53	2052.61	1408.11	128.7798	408.4015	130.0777	133.7488	0	100	0	0	0	-9999	10
2051.535	2052.615	1408.115	124.7255	399.9217	126.2088	130.9553	0	100	0	0	0	-9999	10
2051.54	2052.62	1408.12	119.4846	318.929	120.0779	117.2473	0	72.36126	27.63874	27.63874	0	-9999	10
2051.545	2052.626	1408.126	116.9753	257.5389	117.2596	118.644	0	56.25211	43.74789	43.74789	0	-9999	10
2051.55	2052.631	1408.131	116.518	208.8302	117.0618	117.2102	0	56.0278	43.9722	43.9722	0	-9999	10
2051.555	2052.636	1408.136	117.0248	193.3834	118.0878	117.7293	0	64.89089	35.10911	35.10911	0	-9999	10
2051.56	2052.641	1408.141	119.2126	133.7198	119.9048	121.7218	0	60.88302	39.11698	39.11698	0	-9999	10
2051.565	2052.647	1408.147	115.9247	123.208	116.4562	116.7034	0	48.59702	51.40298	51.40298	0	-9999	10
2051.57	2052.652	1408.152	116.382	114.1171	116.6045	113.675	3.587887	44.23394	52.17817	52.17817	0	-9999	10
2051.575	2052.657	1408.157	115.0347	98.70084	114.7875	116.4067	12.1984	33.51073	54.29087	33.76844	20.52243	26.30759	10
2051.58	2052.663	1408.163	111.9198	107.2722	112.2041	113.1682	8.870618	35.64067	55.48871	35.58384	19.90487	26.68744	10
2051.585	2052.668	1408.168	106.5429	105.9124	106.617	108.1127	15.77498	24.96472	59.2603	33.17932	26.08097	27.18225	10
2051.59	2052.673	1408.173	106.2957	83.95683	106.8272	108.1003	17.77123	27.49894	54.72983	28.23245	26.49737	26.91208	10
2051.595	2052.678	1408.178	104.1202	102.9942	105.1585	107.643	11.23802	30.12129	58.64069	37.83738	20.80331	27.01187	10
2051.6	2052.684	1408.184	104.1325	143.8649	105.1832	101.1165	1.240145	33.00841	65.75144	65.75144	0	-9999	10
2051.605	2052.689	1408.189	105.7023	118.0743	106.4563	107.1609	8.336329	31.01143	60.65224	46.21967	14.43257	27.4997	10
2051.61	2052.694	1408.194	106.8766	95.43118	107.4576	108.0014	14.07678	29.64113	56.28209	35.69954	20.58254	27.06868	10
2051.615	2052.699	1408.199	107.507	93.29216	107.6801	108.2363	17.17571	26.37437	56.44992	42.02759	14.42233	27.13591	12
2051.62	2052.705	1408.205	115.6404	174.5141	113.9469	110.2264	4.502461	19.18016	76.31738	75.48759	0.829787	-9999	12
2051.625	2052.71	1408.21	119.2126	239.8003	118.1743	115.9494	0	37.49201	62.50799	62.50799	0	-9999	12
2051.63	2052.715	1408.215	119.5587	346.3391	118.6935	117.3585	0	48.18377	51.81623	51.81623	0	-9999	12
2051.635	2052.721	1408.221	121.042	251.3357	120.2756	117.7046	0	46.1485	53.8515	53.8515	0	-9999	12
2051.64	2052.726	1408.226	128.9034	243.8797	129.027	132.0431	0	88.8632	11.1368	11.1368	0	-9999	12
2051.645	2052.731	1408.231	123.0692	231.8095	123.7243	122.2904	0	79.40608	20.59392	20.59392	0	-9999	12
2051.65	2052.736	1408.236	126.7774	300.4875	127.3954	125.702	0	97.66527	2.334726	2.334726	0	-9999	12
2051.655	2052.742	1408.242	129.1136	368.6308	130.5969	131.1778	0	100	0	0	0	-9999	12
2051.66	2052.747	1408.247	132.1419	197.0503	132.624	132.315	0	100	0	0	0	-9999	10

2051.665	2052.752	1408.252	136.4806	149.6861	136.6042	137.6177	0	100	0	0	0	-9999	10
2051.67	2052.758	1408.258	134.713	195.2474	135.2692	136.2704	0	100	0	0	0	-9999	10
2051.675	2052.763	1408.263	135.0467	108.8307	135.2816	134.8984	0	100	0	0	0	-9999	10
2051.68	2052.768	1408.268	136.4806	76.36328	136.3322	135.1209	0	100	0	0	0	-9999	10
2051.685	2052.773	1408.273	136.9503	82.91787	137.1357	137.5065	0	100	0	0	0	-9999	10
2051.69	2052.779	1408.279	137.1851	78.85372	137.3211	138.3099	0	100	0	0	0	-9999	10
2051.695	2052.784	1408.284	137.0121	66.61543	137.1728	136.7649	0	100	0	0	0	-9999	10
2051.7	2052.789	1408.289	137.3953	73.9034	137.4694	136.7649	0	100	0	0	0	-9999	10
2051.705	2052.794	1408.294	137.729	80.58022	137.9268	139.0887	0	100	0	0	0	-9999	10
2051.71	2052.8	1408.3	137.111	73.96452	137.3458	137.2593	0	100	0	0	0	-9999	10
2051.715	2052.805	1408.305	134.6635	158.1964	135.5906	136.6042	0	100	0	0	0	-9999	10
2051.72	2052.81	1408.31	135.949	122.7191	136.9379	138.8909	0	100	0	0	0	-9999	10
2051.725	2052.816	1408.316	136.221	133.8114	137.0615	135.5906	0	100	0	0	0	-9999	10
2051.73	2052.821	1408.321	132.5251	181.3284	133.1555	132.315	0	100	0	0	0	-9999	10
2051.735	2052.826	1408.326	135.912	106.6916	136.4064	136.9379	0	100	0	0	0	-9999	10
2051.74	2052.831	1408.331	133.242	99.46478	133.9466	135.8625	0	100	0	0	0	-9999	10
2051.745	2052.837	1408.337	131.425	103.8651	132.0925	132.9701	0	100	0	0	0	-9999	10
2051.75	2052.842	1408.342	132.5498	108.4945	132.7723	134.0826	0	99.2642	0.735805	0.735805	0	-9999	10
2051.755	2052.847	1408.347	133.1926	102.0927	133.4893	133.3409	0	100	0	0	0	-9999	10
2051.76	2052.853	1408.353	134.441	55.90501	134.5523	133.9961	1.876232	97.56431	0.559457	0.559457	0	-9999	10
2051.765	2052.858	1408.358	137.2593	44.98069	137.42	138.3347	1.339348	84.19405	14.46661	14.46661	0	-9999	10
2051.77	2052.863	1408.363	139.9663	48.25035	140.1641	140.7945	0	100	0	0	0	-9999	10
2051.775	2052.868	1408.368	141.4867	65.25562	141.7091	142.6609	0	100	0	0	0	-9999	10
2051.78	2052.874	1408.374	142.2777	53.65903	142.5126	143.3408	0	100	0	0	0	-9999	10
2051.785	2052.879	1408.379	141.054	65.14867	141.1158	141.5485	0	100	0	0	0	-9999	10
2051.79	2052.884	1408.384	141.6473	63.74302	141.499	142.2901	0	100	0	0	0	-9999	10
2051.795	2052.889	1408.389	141.2765	70.51151	141.3136	142.1789	0	100	0	0	0	-9999	10
2051.8	2052.895	1408.395	141.0169	79.84684	141.0169	140.8439	0	100	0	0	0	-9999	10
2051.805	2052.9	1408.4	141.4001	71.91716	141.4867	140.6956	0	100	0	0	0	-9999	10
2051.81	2052.905	1408.405	139.5213	60.96228	139.9168	140.3247	0	100	0	0	0	-9999	10
2051.815	2052.911	1408.411	139.7562	65.37785	140.1146	139.1999	0	100	0	0	0	-9999	10
2051.82	2052.916	1408.416	138.8415	66.43208	138.9898	139.2617	0	100	0	0	0	-9999	10
2051.825	2052.921	1408.421	139.2494	76.83692	139.5955	140.0652	0	100	0	0	0	-9999	10
2051.83	2052.926	1408.426	138.8044	65.46952	139.0269	138.5448	0	100	0	0	0	-9999	10
2051.835	2052.932	1408.432	137.6672	57.87597	137.7908	137.1604	0	100	0	0	0	-9999	10
2051.84	2052.937	1408.437	135.64	55.30914	135.8007	136.1345	0.528933	91.0356	8.435467	8.435467	0	-9999	10
2051.845	2052.942	1408.442	134.7501	54.57576	134.8489	135.1209	2.00761	97.63453	0.357858	0.357858	0	-9999	10
2051.85	2052.948	1408.448	135.1703	53.91877	135.3186	135.9985	1.35577	93.79806	4.846172	4.846172	0	-9999	10
2051.855	2052.953	1408.453	135.8996	57.84541	136.1839	136.6536	0	100	0	0	0	-9999	10
2051.86	2052.958	1408.458	134.5028	59.5108	134.5028	134.6141	1.855772	97.654	0.490229	0.490229	0	-9999	10
2051.865	2052.963	1408.463	134.5028	53.06316	134.5276	133.8724	3.029159	92.21756	4.753282	4.753282	0	-9999	10
2051.87	2052.969	1408.469	133.0072	66.05011	132.9825	131.7835	1.840847	89.89532	8.263834	8.263834	0	-9999	10
2051.875	2052.974	1408.474	131.8329	59.34273	131.9318	129.9417	3.586403	88.25811	8.155482	8.155482	0	-9999	10
2051.88	2052.979	1408.479	130.5103	44.64456	130.7946	130.498	6.923217	87.22549	5.851291	0	5.851291	-9999	10
2051.885	2052.984	1408.484	129.0765	36.08845	129.163	128.7057	11.84566	74.44926	13.70508	0	13.70508	19.65106	10
2051.89	2052.99	1408.49	130.1148	50.35882	130.0653	129.8676	8.490749	75.49724	16.01201	5.605406	10.4066	19.64809	10
2051.895	2052.995	1408.495	130.2013	61.43593	130.4362	131.9565	3.527186	85.40042	11.0724	11.0724	0	-9999	10
2051.9	2053	1408.5	131.5363	58.08988	131.5981	133.242	4.449907	85.58785	9.962247	9.962247	0	-9999	10
2051.905	2053.006	1408.506	132.1049	71.18378	132.2779	132.1914	0	92.85298	7.147023	7.147023	0	-9999	10
2051.91	2053.011	1408.511	131.9442	67.97524	132.1667	129.5338	0.437034	93.54793	6.01504	6.01504	0	-9999	10
2051.915	2053.016	1408.516	134.0702	53.24651	134.4163	135.3186	1.005796	92.48964	6.504563	6.504563	0	-9999	10
2051.92	2053.021	1408.521	133.4893	68.40304	133.6376	133.7241	0	98.64338	1.356615	1.356615	0	-9999	10
2051.925	2053.027	1408.527	134.0331	65.2709	134.2556	135.3063	0	100	0	0	0	-9999	10
2051.93	2053.032	1408.532	133.0814	60.59559	133.1679	132.3892	2.230448	93.84249	3.927063	3.927063	0	-9999	10
2051.935	2053.037	1408.537	133.3162	57.70791	133.4522	132.2655	2.33002	96.59388	1.076101	1.076101	0	-9999	10
2051.94	2053.043	1408.543	132.8836	55.14107	133.4645	132.8836	0	100	0	0	0	-9999	10
2051.945	2053.048	1408.548	133.5758	56.94397	134.0949	134.5523	0	100	0	0	0	-9999	10
2051.95	2053.053	1408.553	132.3768	53.26178	132.624	133.4151	3.408083	95.535	1.056913	1.056913	0	-9999	10
2051.955	2053.058	1408.558	133.0937	55.61471	133.4398	134.1444	1.372685	97.16477	1.462548	1.462548	0	-9999	10
2051.96	2053.064	1408.564	132.5128	53.41457	132.6116	132.7105	4.395566	91.04772	4.556718	1.093355	3.463363	-9999	10
2051.965	2053.069	1408.569	132.4262	61.54288	132.5251	133.1679	2.508119	91.18436	6.307519	6.307519	0	-9999	10
2051.97	2053.074	1408.574	133.7612	59.83165	133.9342	133.7365	1.098872	98.1751	0.726028	0.726028	0	-9999	10
2051.975	2053.079	1408.579	132.6364	68.54055	132.9948	133.1926	0	100	0	0	0	-9999	10
2051.98	2053.085	1408.585	132.624	64.87365	132.8218	132.0307	0.753757	95.82143	3.424815	3.424815	0	-9999	10
2051.985	2053.09	1408.59	132.9454	66.58487	133.1926	133.8106	0	99.31634	0.683657	0.683657	0	-9999	10
2051.99	2053.095	1408.595	133.9837	82.81092	134.3051	133.4151	0	100	0	0	0	-9999	10
2051.995	2053.101	1408.601	131.9071	104.9957	131.8329	132.1296	0	85.867	14.133	14.133	0	-9999	10
2052	2053.106	1408.606	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2052.3	2053.423	1408.923	137.7908	175.7822	138.1987	139.7809	0	100	0	0	0	-9999	10
2052.305	2053.428	1408.928	131.9194	131.6877	133.3039	133.069	0	100	0	0	0	-9999	10
2052.31	2053.433	1408.933	132.6116	164.8273	132.8341	131.3879	0	100	0	0	0	-9999	10
2052.315	2053.438	1408.938	138.2605	205.7592	139.1752	140.4854	0	100	0	0	0	-9999	10
2052.32	2053.444	1408.944	140.745	158.7158	141.3754	140.7945	0	100	0	0	0	-9999	10

2052.325	2053.449	1408.949	141.3136	156.1337	141.6103	141.5732	0	100	0	0	0	-9999	10
2052.33	2053.454	1408.954	138.347	133.292	138.6808	138.8909	0	100	0	0	0	-9999	10
2052.335	2053.459	1408.959	140.1146	151.0612	140.3865	141.3507	0	100	0	0	0	-9999	10
2052.34	2053.465	1408.965	142.5744	164.2926	143.2172	144.9229	0	100	0	0	0	-9999	10
2052.345	2053.47	1408.97	142.5744	165.958	143.4149	144.7622	0	100	0	0	0	-9999	10
2052.35	2053.475	1408.975	144.7993	168.0664	144.96	144.1937	0	100	0	0	0	-9999	10
2052.355	2053.481	1408.981	147.7041	199.4643	148.693	149.0638	0	100	0	0	0	-9999	10
2052.36	2053.486	1408.986	154.4778	136.9436	155.034	153.3035	0	100	0	0	0	-9999	10
2052.365	2053.491	1408.991	158.3096	139.9841	158.4456	157.7163	0	100	0	0	0	-9999	10
2052.37	2053.496	1408.996	158.5445	143.8496	159.0018	155.7509	0	100	0	0	0	-9999	10
2052.375	2053.502	1409.002	158.8411	122.7191	158.9524	158.4579	0	100	0	0	0	-9999	10
2052.38	2053.507	1409.007	158.9153	125.1178	159.2614	157.741	0	100	0	0	0	-9999	10
2052.385	2053.512	1409.012	159.8671	122.5663	160.7447	161.956	0	100	0	0	0	-9999	10
2052.39	2053.518	1409.018	157.9017	132.5586	158.3591	157.4938	0	100	0	0	0	-9999	10
2052.395	2053.523	1409.023	154.7497	158.6242	155.3183	155.8745	0	100	0	0	0	-9999	10
2052.4	2053.528	1409.028	150.8932	136.6686	151.5236	150.6707	0	100	0	0	0	-9999	10
2052.405	2053.533	1409.033	146.5298	150.9542	147.3086	149.62	0	100	0	0	0	-9999	10
2052.41	2053.539	1409.039	144.96	118.9758	145.6522	150.201	0	100	0	0	0	-9999	10
2052.415	2053.544	1409.044	142.7474	114.0254	143.3778	146.2826	0	100	0	0	0	-9999	10
2052.42	2053.549	1409.049	139.1999	132.7725	139.9045	142.0429	0	100	0	0	0	-9999	10
2052.425	2053.555	1409.055	138.3223	139.4952	139.101	139.3482	0	100	0	0	0	-9999	10
2052.43	2053.56	1409.06	140.2382	87.15009	140.6585	140.5102	0	100	0	0	0	-9999	10
2052.435	2053.565	1409.065	139.3606	49.19763	139.3853	139.9168	0	100	0	0	0	-9999	10
2052.44	2053.57	1409.07	138.1369	46.73775	138.1987	138.038	0.938037	83.41511	15.64686	15.64686	0	-9999	10
2052.445	2053.576	1409.076	137.6919	25.5461	137.7784	138.0627	5.539034	85.60154	8.859423	8.859423	0	-9999	10
2052.45	2053.581	1409.081	133.1926	36.04261	133.2297	132.4262	8.453105	90.95418	0.592718	0	0.592718	16.79604	10
2052.455	2053.586	1409.086	131.8576	41.9555	131.8824	131.1284	8.346145	84.70626	6.947592	0	6.947592	18.04214	10
2052.46	2053.591	1409.091	127.4572	27.97542	127.4078	126.6661	16.35248	64.01993	19.62759	0	19.62759	21.08123	10
2052.465	2053.597	1409.097	130.671	34.9731	130.6587	130.6957	11.41497	77.88657	10.69846	6.420326	4.27813	18.78965	10
2052.47	2053.602	1409.102	133.6129	44.27787	133.6376	133.823	6.169325	93.10695	0.723721	0.723721	0	-9999	10
2052.475	2053.607	1409.107	135.3805	68.05163	135.3186	135.2198	0	100	0	0	0	-9999	10
2052.48	2053.613	1409.113	135.5535	77.47863	135.6153	135.912	0	100	0	0	0	-9999	10
2052.485	2053.618	1409.118	136.0479	80.54966	136.394	137.0121	0	100	0	0	0	-9999	10
2052.49	2053.623	1409.123	136.4806	49.48793	136.5671	135.7018	1.610795	89.92639	8.462818	8.462818	0	-9999	10
2052.495	2053.628	1409.128	135.331	47.16556	135.64	136.4064	1.485531	88.08292	10.43155	10.43155	0	-9999	10
2052.5	2053.634	1409.134	134.0331	40.59569	134.1691	134.404	5.206452	88.7933	6.000252	6.000252	0	-9999	10
2052.505	2053.639	1409.139	132.4633	46.75303	132.315	132.6364	7.96906	81.83617	10.19477	0	10.19477	-9999	10
2052.51	2053.644	1409.144	132.2779	51.47417	132.5004	132.4262	4.123252	94.06564	1.811106	1.811106	0	-9999	10
2052.515	2053.65	1409.15	132.7353	67.9294	133.1432	133.378	0	100	0	0	0	-9999	10
2052.52	2053.655	1409.155	135.2939	94.10193	135.7389	135.5411	0	100	0	0	0	-9999	10
2052.525	2053.66	1409.16	136.5424	94.23944	137.1851	136.2704	0	100	0	0	0	-9999	10
2052.53	2053.665	1409.165	134.1938	107.043	135.195	135.9243	0	100	0	0	0	-9999	10
2052.535	2053.671	1409.171	133.7736	124.7511	134.4163	135.1703	0	100	0	0	0	-9999	10
2052.54	2053.676	1409.176	132.1419	130.0682	132.6611	133.9837	0	100	0	0	0	-9999	10
2052.545	2053.681	1409.181	132.0183	131.1835	132.451	134.0331	0	100	0	0	0	-9999	10
2052.55	2053.686	1409.186	132.624	130.6946	132.5993	133.4027	0	92.48569	7.514309	7.514309	0	-9999	10
2052.555	2053.692	1409.192	134.0331	108.0667	134.2185	134.4905	0	100	0	0	0	-9999	10
2052.56	2053.697	1409.197	134.4905	115.3853	134.886	137.0862	0	100	0	0	0	-9999	10
2052.565	2053.702	1409.202	133.9466	127.211	134.1567	134.5399	0	100	0	0	0	-9999	10
2052.57	2053.708	1409.208	134.5152	131.6419	135.0344	135.3063	0	100	0	0	0	-9999	10
2052.575	2053.713	1409.213	134.2185	127.7916	134.8489	135.8502	0	100	0	0	0	-9999	10
2052.58	2053.718	1409.218	134.4905	113.0018	134.4905	134.404	0	100	0	0	0	-9999	10
2052.585	2053.723	1409.223	133.7241	114.9422	133.9713	135.1085	0	100	0	0	0	-9999	10
2052.59	2053.729	1409.229	135.3557	113.1851	135.5164	135.776	0	100	0	0	0	-9999	10
2052.595	2053.734	1409.234	136.5547	85.57638	136.7031	137.6672	0	100	0	0	0	-9999	10
2052.6	2053.739	1409.239	137.2222	93.61301	137.3705	137.6177	0	100	0	0	0	-9999	10
2052.605	2053.745	1409.245	137.3953	149.0444	138.0875	136.357	0	100	0	0	0	-9999	10
2052.61	2053.75	1409.25	138.5077	145.6219	138.9651	140.0157	0	100	0	0	0	-9999	10
2052.615	2053.755	1409.255	139.0269	151.871	139.6202	140.6585	0	100	0	0	0	-9999	10
2052.62	2053.76	1409.26	139.6078	163.6356	139.9416	141.1282	0	100	0	0	0	-9999	10
2052.625	2053.766	1409.266	140.2259	154.835	140.8439	140.2629	0	100	0	0	0	-9999	10
2052.63	2053.771	1409.271	140.5843	147.7915	141.1035	141.2147	0	100	0	0	0	-9999	10
2052.635	2053.776	1409.276	141.0911	147.7151	141.5361	144.8364	0	100	0	0	0	-9999	10
2052.64	2053.781	1409.281	139.8921	159.1589	140.2877	140.7697	0	100	0	0	0	-9999	10
2052.645	2053.787	1409.287	140.3618	160.7785	140.9799	140.0404	0	100	0	0	0	-9999	10
2052.65	2053.792	1409.292	139.9168	160.3507	140.4854	139.9663	0	100	0	0	0	-9999	10
2052.655	2053.797	1409.297	140.4978	171.4889	141.2271	139.0269	0	100	0	0	0	-9999	10
2052.66	2053.803	1409.303	139.9168	164.0023	140.5349	141.4867	0	100	0	0	0	-9999	10
2052.665	2053.808	1409.308	138.8291	158.4561	139.5337	142.0058	0	100	0	0	0	-9999	10
2052.67	2053.813	1409.313	137.8155	158.3797	138.2976	137.1357	0	100	0	0	0	-9999	10
2052.675	2053.818	1409.318	137.7043	163.5287	138.4706	137.7784	0	100	0	0	0	-9999	10
2052.68	2053.824	1409.324	138.0751	154.942	138.7673	138.9527	0	100	0	0	0	-9999	10
2052.685	2053.829	1409.329	137.7043	143.1926	138.5201	138.7797	0	100	0	0	0	-9999	10

2052.69	2053.834	1409.334	138.3223	148.1429	139.1999	141.3507	0	100	0	0	0	-9999	10
2052.695	2053.84	1409.34	137.5683	163.0092	138.5572	139.7562	0	100	0	0	0	-9999	10
2052.7	2053.845	1409.345	136.2828	153.353	136.7525	136.7649	0	100	0	0	0	-9999	10
2052.705	2053.85	1409.35	136.7154	132.2072	137.5189	136.4064	0	100	0	0	0	-9999	10
2052.71	2053.855	1409.355	137.7661	106.218	138.4706	140.2135	0	100	0	0	0	-9999	10
2052.715	2053.861	1409.361	139.064	114.2546	140.1023	140.1393	0	100	0	0	0	-9999	10
2052.72	2053.866	1409.366	140.9551	165.1788	142.2654	141.2024	0	100	0	0	0	-9999	10
2052.725	2053.871	1409.371	142.1912	158.5172	142.8587	144.9229	0	100	0	0	0	-9999	10
2052.73	2053.876	1409.376	141.635	147.2873	142.5744	146.0601	0	100	0	0	0	-9999	10
2052.735	2053.882	1409.382	141.2271	176.2253	142.2036	142.2901	0	100	0	0	0	-9999	10
2052.74	2053.887	1409.387	141.2518	202.459	142.4384	144.2184	0	100	0	0	0	-9999	10
2052.745	2053.892	1409.392	142.1294	186.5996	143.2048	143.9959	0	100	0	0	0	-9999	10
2052.75	2053.898	1409.398	142.3272	179.8922	143.0812	141.8575	0	100	0	0	0	-9999	10
2052.755	2053.903	1409.403	142.4384	178.2879	143.0317	142.2036	0	100	0	0	0	-9999	10
2052.76	2053.908	1409.408	143.2172	178.8227	143.7116	144.07	0	100	0	0	0	-9999	10
2052.765	2053.913	1409.413	142.834	180.2436	143.316	143.2048	0	100	0	0	0	-9999	10
2052.77	2053.919	1409.419	143.3408	193.8876	143.9588	145.3556	0	100	0	0	0	-9999	10
2052.775	2053.924	1409.424	142.7474	183.1924	143.279	144.7622	0	100	0	0	0	-9999	10
2052.78	2053.929	1409.429	143.279	192.818	143.9959	141.2147	0	100	0	0	0	-9999	10
2052.785	2053.935	1409.435	143.2542	183.5286	144.0824	142.7351	0	100	0	0	0	-9999	10
2052.79	2053.94	1409.44	144.3791	208.8608	145.2072	144.0453	0	100	0	0	0	-9999	10
2052.795	2053.945	1409.445	145.6769	209.4413	146.1343	143.897	0	100	0	0	0	-9999	10
2052.8	2053.95	1409.45	145.1331	210.4192	145.7758	145.3556	0	100	0	0	0	-9999	10
2052.805	2053.956	1409.456	144.3543	206.7981	145.1702	145.9365	0	100	0	0	0	-9999	10
2052.81	2053.961	1409.461	143.8228	193.0931	144.5027	145.7511	0	100	0	0	0	-9999	10
2052.815	2053.966	1409.466	144.7004	229.9302	145.5904	145.7882	0	100	0	0	0	-9999	10
2052.82	2053.971	1409.471	145.3432	206.0647	145.9983	146.0725	0	100	0	0	0	-9999	10
2052.825	2053.977	1409.477	145.9736	207.119	146.7647	147.4569	0	100	0	0	0	-9999	10
2052.83	2053.982	1409.482	146.1961	220.4115	146.6534	146.9501	0	100	0	0	0	-9999	10
2052.835	2053.987	1409.487	145.2443	217.096	145.9612	146.1467	0	100	0	0	0	-9999	10
2052.84	2053.993	1409.493	144.9477	219.8156	145.9118	146.0848	0	100	0	0	0	-9999	10
2052.845	2053.998	1409.498	144.7746	216.821	145.8747	145.0589	0	100	0	0	0	-9999	10
2052.85	2054.003	1409.503	144.8611	215.6293	145.4421	146.295	0	100	0	0	0	-9999	10
2052.855	2054.008	1409.508	144.1937	204.2924	144.4532	142.6609	0	100	0	0	0	-9999	10
2052.86	2054.014	1409.514	143.7116	208.3718	144.7375	146.7276	0	100	0	0	0	-9999	10
2052.865	2054.019	1409.519	143.761	191.5346	144.1689	144.7128	0	100	0	0	0	-9999	10
2052.87	2054.024	1409.524	142.7227	190.0526	143.0935	143.9712	0	100	0	0	0	-9999	10
2052.875	2054.03	1409.53	142.8587	171.4278	143.6869	146.3691	0	100	0	0	0	-9999	10
2052.88	2054.035	1409.535	142.1665	192.4208	143.3284	145.6028	0	100	0	0	0	-9999	10
2052.885	2054.04	1409.54	140.745	205.5453	141.5608	143.3902	0	100	0	0	0	-9999	10
2052.89	2054.045	1409.545	140.0034	230.1899	141.4619	144.478	0	100	0	0	0	-9999	10
2052.895	2054.051	1409.551	140.0899	200.1366	141.3507	143.897	0	100	0	0	0	-9999	10
2052.9	2054.056	1409.556	139.7191	196.5461	141.1406	144.9106	0	100	0	0	0	-9999	10
2052.905	2054.061	1409.561	139.5831	164.644	140.7821	141.7833	0	100	0	0	0	-9999	10
2052.91	2054.066	1409.566	142.0429	124.7053	143.1059	144.8488	0	100	0	0	0	-9999	10
2052.915	2054.072	1409.572	142.4508	151.214	143.6374	146.4433	0	100	0	0	0	-9999	10
2052.92	2054.077	1409.577	143.2295	187.7302	144.6139	146.9254	0	100	0	0	0	-9999	10
2052.925	2054.082	1409.582	142.2283	224.5673	143.1677	145.1702	0	100	0	0	0	-9999	10
2052.93	2054.088	1409.588	143.316	199.0212	144.1071	144.651	0	100	0	0	0	-9999	10
2052.935	2054.093	1409.593	142.9823	194.0556	144.2184	145.4544	0	100	0	0	0	-9999	10
2052.94	2054.098	1409.598	143.452	206.1106	144.9353	145.8129	0	100	0	0	0	-9999	10
2052.945	2054.103	1409.603	142.8958	205.0105	144.2802	146.1961	0	100	0	0	0	-9999	10
2052.95	2054.109	1409.609	143.2913	213.1999	144.5398	144.4038	0	100	0	0	0	-9999	10
2052.955	2054.114	1409.614	143.0194	203.5896	144.07	144.7622	0	100	0	0	0	-9999	10
2052.96	2054.119	1409.619	141.8451	231.4275	143.2913	147.6052	0	100	0	0	0	-9999	10
2052.965	2054.125	1409.625	142.9947	195.2474	144.0082	147.5063	0	100	0	0	0	-9999	10
2052.97	2054.13	1409.63	141.1406	242.5963	141.9687	142.834	0	100	0	0	0	-9999	10
2052.975	2054.135	1409.635	141.1776	230.1594	141.7091	143.2419	0	100	0	0	0	-9999	10
2052.98	2054.14	1409.64	141.3383	249.1203	142.08	146.0972	0	100	0	0	0	-9999	10
2052.985	2054.146	1409.646	140.2382	284.0934	141.0417	141.9934	0	100	0	0	0	-9999	10
2052.99	2054.151	1409.651	139.4348	319.2193	141.0293	140.7697	0	100	0	0	0	-9999	10
2052.995	2054.156	1409.656	141.8946	260.503	142.2036	142.8587	0	100	0	0	0	-9999	10
2053	2054.161	1409.661	141.3012	355.155	141.2765	138.7426	0	100	0	0	0	-9999	10
2053.005	2054.167	1409.667	146.4804	363.3138	147.6423	147.2715	0	100	0	0	0	-9999	10
2053.01	2054.172	1409.672	149.6695	309.2881	150.819	151.3134	0	100	0	0	0	-9999	10
2053.015	2054.177	1409.677	155.8498	213.2763	157.0859	158.7793	0	100	0	0	0	-9999	10
2053.02	2054.183	1409.683	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2053.31	2054.489	1409.989	114.4661	327.5309	114.9852	114.9852	0	58.81495	41.18505	41.18505	0	-9999	11
2053.315	2054.494	1409.994	110.0039	482.641	111.4377	117.0495	0	71.13504	28.86496	28.86496	0	-9999	11
2053.32	2054.499	1409.999	114.9482	467.9428	115.2695	119.3239	0	66.47825	33.52175	33.52175	0	-9999	11
2053.325	2054.505	1410.005	113.0693	484.7342	114.6515	118.7182	0	81.08251	18.91749	18.91749	0	-9999	11
2053.33	2054.51	1410.01	108.8914	472.8779	109.5094	108.5577	0	58.83161	41.16839	41.16839	0	-9999	11
2053.335	2054.515	1410.015	107.0002	406.7208	107.062	106.5799	0	45.74652	54.25348	54.25348	0	-9999	11

2053.34	2054.52	1410.02	108.6071	325.7586	108.4588	108.8543	0	40.2847	59.7153	59.7153	0	-9999	11
2053.345	2054.526	1410.026	107.6924	348.3712	108.7678	108.4217	0	53.17084	46.82916	46.82916	0	-9999	11
2053.35	2054.531	1410.031	109.596	313.9481	109.4229	106.1473	0	40.55039	59.44961	59.44961	0	-9999	11
2053.355	2054.536	1410.036	110.1151	304.567	109.8432	109.8926	0	39.53196	60.46804	60.46804	0	-9999	11
2053.36	2054.541	1410.041	112.7974	259.4946	111.9939	110.1769	0	33.67707	66.32293	66.32293	0	-9999	11
2053.365	2054.547	1410.047	113.6503	291.5647	113.1682	108.7554	0	41.08972	58.91028	58.91028	0	-9999	11
2053.37	2054.552	1410.052	114.5897	380.7469	114.5773	114.1571	0	55.07874	44.92126	44.92126	0	-9999	11
2053.375	2054.557	1410.057	115.8381	406.4458	115.9494	112.9952	0	61.08448	38.91552	38.91552	0	-9999	11
2053.38	2054.563	1410.063	119.0025	361.9846	118.8171	119.9295	0	60.00649	39.99351	39.99351	0	-9999	11
2053.385	2054.568	1410.068	115.8134	440.273	116.0977	115.3561	0	65.94141	34.05859	34.05859	0	-9999	11
2053.39	2054.573	1410.073	118.2485	418.3479	118.2361	114.0087	0	65.12017	34.87983	34.87983	0	-9999	11
2053.395	2054.578	1410.078	117.6799	423.3747	118.7676	115.7393	0	82.83794	17.16206	17.16206	0	-9999	11
2053.4	2054.584	1410.084	118.3968	417.8132	118.6193	119.4227	0	69.45322	30.54678	30.54678	0	-9999	11
2053.405	2054.589	1410.089	117.0866	451.3042	117.89	119.5464	0	78.13216	21.86784	21.86784	0	-9999	11
2053.41	2054.594	1410.094	119.7565	452.6946	120.5847	122.8096	0	86.64755	13.35245	13.35245	0	-9999	11
2053.415	2054.6	1410.1	117.445	403.0233	117.8035	118.7676	0	68.41426	31.58574	31.58574	0	-9999	11
2053.42	2054.605	1410.105	116.4067	439.9063	117.8282	121.9443	0	85.61206	14.38794	14.38794	0	-9999	11
2053.425	2054.61	1410.11	116.7899	370.0212	117.0989	123.6872	0	63.8079	36.1921	36.1921	0	-9999	11
2053.43	2054.615	1410.115	115.4426	361.6179	115.764	114.9111	0	60.37488	39.62512	39.62512	0	-9999	11
2053.435	2054.621	1410.121	114.0582	368.0655	114.3672	115.6774	0	57.69697	42.30303	42.30303	0	-9999	11
2053.44	2054.626	1410.126	112.9334	376.1633	113.4402	113.3413	0	58.63453	41.36547	41.36547	0	-9999	11
2053.445	2054.631	1410.131	111.6973	383.8638	112.4884	113.4649	0	60.27299	39.72701	39.72701	0	-9999	11
2053.45	2054.636	1410.136	113.5267	424.3983	114.0335	113.8233	0	63.13224	36.86776	36.86776	0	-9999	11
2053.455	2054.642	1410.142	110.8073	389.1502	110.7208	107.8407	0	48.34009	51.65991	51.65991	0	-9999	11
2053.46	2054.647	1410.147	107.8284	457.7977	107.334	105.7271	0	44.76148	55.23852	55.23852	0	-9999	11
2053.465	2054.652	1410.152	106.0484	472.4806	106.2833	101.8705	0	50.57038	49.42962	49.42962	0	-9999	11
2053.47	2054.658	1410.158	104.7629	520.6698	105.1337	105.8259	0	53.35559	46.64441	46.64441	0	-9999	11
2053.475	2054.663	1410.163	107.2969	432.2669	107.9149	104.6393	0	53.41499	46.58501	46.58501	0	-9999	11
2053.48	2054.668	1410.168	108.5082	418.3938	108.6071	106.753	0	48.9817	51.0183	51.0183	0	-9999	11
2053.485	2054.673	1410.173	109.6083	491.411	110.2264	110.4736	0	61.35677	38.64323	38.64323	0	-9999	11
2053.49	2054.679	1410.179	107.9644	467.1025	108.2857	110.3871	0	53.77945	46.22055	46.22055	0	-9999	11
2053.495	2054.684	1410.184	105.6282	387.2251	104.9113	99.50961	0	35.77219	64.22781	64.22781	0	-9999	11
2053.5	2054.689	1410.189	107.5564	324.0474	107.4081	108.6566	0	38.82344	61.17656	61.17656	0	-9999	11
2053.505	2054.695	1410.195	110.6837	278.807	111.1534	107.5688	0	47.23358	52.76642	52.76642	0	-9999	11
2053.51	2054.7	1410.2	114.7257	246.966	114.8246	112.4266	0	47.88941	52.11059	52.11059	0	-9999	11
2053.515	2054.705	1410.205	115.5044	264.0782	115.2572	115.6651	0	45.50182	54.49818	54.49818	0	-9999	11
2053.52	2054.71	1410.21	115.2325	429.5167	115.9617	113.1929	0	70.60834	29.39166	29.39166	0	-9999	11
2053.525	2054.716	1410.216	114.2807	495.9335	115.3313	118.644	0	77.4601	22.5399	22.5399	0	-9999	11
2053.53	2054.721	1410.221	115.3066	460.2118	116.1101	116.4191	0	73.99309	26.00691	26.00691	0	-9999	11
2053.535	2054.726	1410.226	115.9494	528.1564	117.136	120.7083	0	86.33301	13.66699	13.66699	0	-9999	11
2053.54	2054.731	1410.231	114.6886	548.2633	116.0235	119.4969	0	86.34819	13.65181	13.65181	0	-9999	11
2053.545	2054.737	1410.237	116.4562	572.7246	116.3202	115.0594	0	69.78335	30.21665	30.21665	0	-9999	11
2053.55	2054.742	1410.242	114.4537	543.5116	114.6886	107.7913	0	69.30059	30.69941	30.69941	0	-9999	11
2053.555	2054.747	1410.247	114.9729	448.6916	115.8011	113.9593	0	72.74353	27.25647	27.25647	0	-9999	11
2053.56	2054.753	1410.253	114.7009	452.6641	114.6886	111.5737	0	60.14164	39.85836	39.85836	0	-9999	11
2053.565	2054.758	1410.258	114.3919	530.5399	115.3437	114.2807	0	78.63161	21.36839	21.36839	0	-9999	11
2053.57	2054.763	1410.263	114.0582	549.0578	115.183	118.1867	0	81.54827	18.45173	18.45173	0	-9999	11
2053.575	2054.768	1410.268	113.9099	438.3937	114.4785	114.6762	0	65.76577	34.23423	34.23423	0	-9999	11
2053.58	2054.774	1410.274	114.2683	453.5655	115.1954	115.1336	0	72.76248	27.23752	27.23752	0	-9999	11
2053.585	2054.779	1410.279	114.3054	439.7993	115.5291	121.0049	0	76.28681	23.71319	23.71319	0	-9999	11
2053.59	2054.784	1410.284	112.5007	411.7322	112.7356	110.8197	0	56.62706	43.37294	43.37294	0	-9999	11
2053.595	2054.79	1410.29	112.8468	435.4907	113.3413	114.8616	0	62.29696	37.70304	37.70304	0	-9999	11
2053.6	2054.795	1410.295	111.2399	423.4511	110.9062	114.738	0	48.3897	51.6103	51.6103	0	-9999	11
2053.605	2054.8	1410.3	112.4884	457.9811	112.1176	110.4736	0	52.04811	47.95189	47.95189	0	-9999	11
2053.61	2054.805	1410.305	113.3536	424.7497	114.2436	113.0693	0	68.06022	31.93978	31.93978	0	-9999	11
2053.615	2054.811	1410.311	113.7368	520.6393	114.4785	114.7998	0	73.35767	26.64233	26.64233	0	-9999	11
2053.62	2054.816	1410.316	111.413	457.92	112.5007	113.6008	0	68.42165	31.57835	31.57835	0	-9999	11
2053.625	2054.821	1410.321	112.2782	532.7248	112.3401	113.8481	0	62.19224	37.80776	37.80776	0	-9999	11
2053.63	2054.826	1410.326	109.9792	547.2702	110.1769	108.0756	0	60.99199	39.00801	39.00801	0	-9999	11
2053.635	2054.832	1410.332	109.7072	492.1749	109.8679	111.3017	0	56.42609	43.57391	43.57391	0	-9999	11
2053.64	2054.837	1410.337	108.706	463.0995	108.5329	107.2598	0	49.42737	50.57263	50.57263	0	-9999	11
2053.645	2054.842	1410.342	106.9384	461.2966	105.9372	102.8965	0	39.34132	60.65868	60.65868	0	-9999	11
2053.65	2054.848	1410.348	107.0249	389.9294	106.3822	105.1461	0	37.92417	62.07583	62.07583	0	-9999	11
2053.655	2054.853	1410.353	104.8618	368.1877	105.0967	103.5516	0	41.99381	58.00619	58.00619	0	-9999	11
2053.66	2054.858	1410.358	104.7629	343.2375	104.5652	105.8754	0	36.44255	63.55745	63.55745	0	-9999	11
2053.665	2054.863	1410.363	103.5516	360.8998	104.2932	105.1955	0	44.13283	55.86717	55.86717	0	-9999	11
2053.67	2054.869	1410.369	103.5021	236.2403	102.9212	102.2413	0	24.8706	75.1294	75.1294	0	-9999	11
2053.675	2054.874	1410.374	105.0843	181.9701	105.6035	105.5169	0	32.25016	67.74984	67.74984	0	-9999	11
2053.68	2054.879	1410.379	107.3587	312.2216	108.0509	107.9644	0	46.16592	53.83408	53.83408	0	-9999	11
2053.685	2054.885	1410.385	105.0719	377.4925	105.4551	107.3216	0	44.20981	55.79019	55.79019	0	-9999	11
2053.69	2054.89	1410.39	104.5033	372.9242	104.4786	107.816	0	39.64043	60.35957	60.35957	0	-9999	11
2053.695	2054.895	1410.395	103.0201	387.1029	102.229	98.31062	0	33.04211	66.95789	66.95789	0	-9999	11
2053.7	2054.9	1410.4	103.6257	327.6379	103.3044	103.7617	0	33.21732	66.78268	66.78268	0	-9999	11

2053.705	2054.906	1410.406	103.5763	215.6293	103.8729	103.3414	0	30.64117	69.35883	69.35883	0	-9999	11
2053.71	2054.911	1410.411	103.2426	207.5773	103.0448	101.0794	0	25.72821	74.27179	74.27179	0	-9999	11
2053.715	2054.916	1410.416	106.2462	260.228	106.3698	108.4711	0	35.46349	64.53651	64.53651	0	-9999	11
2053.72	2054.922	1410.422	103.6134	437.0033	104.9483	107.1362	0	54.45608	45.54392	45.54392	0	-9999	11
2053.725	2054.927	1410.427	104.2561	511.8846	106.0732	108.7802	0	64.98288	35.01712	35.01712	0	-9999	11
2053.73	2054.932	1410.432	102.983	466.7511	104.1572	105.999	0	54.08843	45.91157	45.91157	0	-9999	11
2053.735	2054.937	1410.437	105.109	435.7963	105.7518	109.5589	0	50.53716	49.46284	49.46284	0	-9999	11
2053.74	2054.943	1410.443	105.7889	396.6521	106.4934	112.3277	0	49.48343	50.51657	50.51657	0	-9999	11
2053.745	2054.948	1410.448	105.8012	350.9991	106.172	105.8259	0	43.29947	56.70053	56.70053	0	-9999	11
2053.75	2054.953	1410.453	108.0385	324.5821	108.2239	107.7048	0	42.86961	57.13039	57.13039	0	-9999	11
2053.755	2054.958	1410.458	105.1214	266.2325	105.2203	105.7518	0	34.23369	65.76631	65.76631	0	-9999	11
2053.76	2054.964	1410.464	105.2574	260.0141	105.7394	105.6035	0	37.42428	62.57572	62.57572	0	-9999	11
2053.765	2054.969	1410.469	103.7741	278.9597	104.6764	106.1102	0	40.29001	59.70999	59.70999	0	-9999	11
2053.77	2054.974	1410.474	104.5157	285.0713	105.1708	106.0979	0	39.62103	60.37897	60.37897	0	-9999	11
2053.775	2054.98	1410.48	105.9619	275.9651	106.1844	105.9001	0	37.07567	62.92433	62.92433	0	-9999	11
2053.78	2054.985	1410.485	103.6134	251.5038	103.8482	104.0954	0	32.59627	67.40373	67.40373	0	-9999	11
2053.785	2054.99	1410.49	101.5368	295.14	101.1659	102.3649	0	28.77175	71.22825	71.22825	0	-9999	11
2053.79	2054.995	1410.495	101.8952	319.9832	101.9941	103.4032	0	34.24741	65.75259	65.75259	0	-9999	11
2053.795	2055.001	1410.501	101.5368	281.5113	101.7345	99.76919	0	32.01661	67.98339	67.98339	0	-9999	11
2053.8	2055.006	1410.506	100.6962	304.9489	99.7321	98.50839	0	24.69267	75.30733	75.30733	0	-9999	11
2053.805	2055.011	1410.511	100.5726	344.8265	99.80627	99.33656	0	28.63749	71.36251	71.36251	0	-9999	11
2053.81	2055.017	1410.517	101.1041	432.1599	100.5603	98.18701	0	36.44243	63.55757	63.55757	0	-9999	11
2053.815	2055.022	1410.522	97.84091	355.3536	97.85327	98.45895	0	32.31553	67.68447	67.68447	0	-9999	11
2053.82	2055.027	1410.527	100.5356	295.1858	100.3501	100.1029	0	29.23151	70.76849	70.76849	0	-9999	11
2053.825	2055.032	1410.532	100.7828	317.2942	100.5108	102.3031	0	30.33309	69.66691	69.66691	0	-9999	11
2053.83	2055.038	1410.538	99.27476	328.738	99.0399	95.9868	0	30.11754	69.88246	69.88246	0	-9999	11
2053.835	2055.043	1410.543	98.11285	372.8019	98.79269	99.49725	0	37.92681	62.07319	62.07319	0	-9999	11
2053.84	2055.048	1410.548	96.15985	383.1151	95.87556	93.72479	0	31.21647	68.78353	68.78353	0	-9999	11
2053.845	2055.053	1410.553	95.22044	380.1816	95.09683	95.02267	0	31.25882	68.74118	68.74118	0	-9999	11
2053.85	2055.059	1410.559	93.67535	321.5111	93.23036	90.90654	0	24.71447	75.28553	75.28553	0	-9999	11
2053.855	2055.064	1410.564	96.80261	316.5302	96.98802	99.89279	0	29.87851	70.12149	70.12149	0	-9999	11
2053.86	2055.069	1410.569	94.1945	303.7877	93.78659	91.93248	0	23.99273	76.00727	76.00727	0	-9999	11
2053.865	2055.075	1410.575	94.07089	287.3478	94.36755	92.81009	0	26.37078	73.62922	73.62922	0	-9999	11
2053.87	2055.08	1410.58	94.37991	297.1262	94.71365	95.33168	0	27.45775	72.54225	72.54225	0	-9999	11
2053.875	2055.085	1410.585	96.40707	242.2754	97.11163	98.48367	0	27.56452	72.43548	72.43548	0	-9999	11
2053.88	2055.09	1410.59	94.78781	276.6374	96.13513	98.18701	0	31.94168	68.05832	68.05832	0	-9999	11
2053.885	2055.096	1410.596	96.5554	278.3486	96.98802	99.18823	0	28.5381	71.4619	71.4619	0	-9999	11
2053.89	2055.101	1410.601	96.14749	394.6964	96.679	94.50351	0	36.6024	63.3976	63.3976	0	-9999	11
2053.895	2055.106	1410.606	95.03503	427.2707	95.22044	94.86198	0	35.95675	64.04325	64.04325	0	-9999	11
2053.9	2055.112	1410.612	97.85327	359.8761	98.52075	101.0053	0	36.70836	63.29164	63.29164	0	-9999	11
2053.905	2055.117	1410.617	96.64192	297.0192	97.66786	97.29704	0	33.4194	66.5806	66.5806	0	-9999	11
2053.91	2055.122	1410.622	94.98558	282.4433	95.61598	93.92256	0	28.55132	71.44868	71.44868	0	-9999	11
2053.915	2055.127	1410.627	93.65062	359.7844	94.18214	97.12399	0	32.13792	67.86208	67.86208	0	-9999	11
2053.92	2055.133	1410.633	93.51466	429.807	94.00909	94.96086	0	36.56964	63.43036	63.43036	0	-9999	11
2053.925	2055.138	1410.638	91.45041	399.5245	91.74707	96.30818	0	32.10375	67.89625	67.89625	0	-9999	11
2053.93	2055.143	1410.643	91.8954	378.8218	91.78415	89.37381	0	29.14031	70.85969	70.85969	0	-9999	11
2053.935	2055.148	1410.648	93.76187	379.219	93.48993	95.38113	0	29.50515	70.49485	70.49485	0	-9999	11
2053.94	2055.154	1410.654	93.16856	339.0206	93.72479	95.62834	0	30.48181	69.51819	69.51819	0	-9999	11
2053.945	2055.159	1410.659	92.67413	349.8227	93.66299	92.32803	0	32.95382	67.04618	67.04618	0	-9999	11
2053.95	2055.164	1410.664	92.47635	371.2588	92.62468	90.63461	0	30.18582	69.81418	69.81418	0	-9999	11
2053.955	2055.17	1410.67	92.43927	332.0993	92.67413	90.83238	0	27.92601	72.07399	72.07399	0	-9999	11
2053.96	2055.175	1410.675	91.74707	337.233	91.74707	90.72113	0	26.74779	73.25221	73.25221	0	-9999	11
2053.965	2055.18	1410.68	91.12904	287.5922	91.06723	88.64453	0	22.76259	77.23741	77.23741	0	-9999	11
2053.97	2055.185	1410.685	89.74463	307.6227	89.60867	88.11302	0	23.05451	76.94549	76.94549	0	-9999	11
2053.975	2055.191	1410.691	89.89296	253.0164	89.68283	88.95355	0	19.14301	80.85699	80.85699	0	-9999	11
2053.98	2055.196	1410.696	88.66925	215.0792	88.22426	86.53084	9.823764	15.09176	75.08448	61.78736	13.29712	27.91921	11
2053.985	2055.201	1410.701	86.61737	265.8353	86.34543	86.44432	0	18.2748	81.7252	81.7252	0	-9999	11
2053.99	2055.207	1410.707	85.33185	255.1096	84.57785	82.69902	5.601712	15.49492	78.90337	74.57586	4.327506	-9999	11
2053.995	2055.212	1410.712	81.85849	222.9936	81.53711	79.31218	13.21642	13.48492	73.29865	44.18518	29.11347	27.12238	11
2054	2055.217	1410.717	72.63738	175.0336	73.45319	74.13303	24.49297	9.86841	65.63862	34.57523	31.06338	25.95933	11
2054.005	2055.222	1410.722	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2054.305	2055.539	1411.039	120.8566	264.0782	122.3399	121.3387	0	90.95581	9.044192	9.044192	0	-9999	11
2054.31	2055.544	1411.044	116.8517	347.4545	118.199	120.2015	0	79.55224	20.44776	20.44776	0	-9999	11
2054.315	2055.55	1411.05	118.5204	367.0266	119.7194	119.4104	0	83.73244	16.26756	16.26756	0	-9999	11
2054.32	2055.555	1411.055	121.1533	499.7227	124.9356	130.807	0	100	0	0	0	-9999	11
2054.325	2055.56	1411.06	119.6329	475.2919	122.7972	119.2003	0	100	0	0	0	-9999	11
2054.33	2055.565	1411.065	120.3498	406.018	122.7231	124.1198	0	100	0	0	0	-9999	11
2054.335	2055.571	1411.071	118.7553	478.4546	121.7713	127.0122	0	100	0	0	0	-9999	11
2054.34	2055.576	1411.076	117.4821	406.3847	118.3844	121.5364	0	77.89687	22.10313	22.10313	0	-9999	11
2054.345	2055.581	1411.081	116.6169	474.6655	117.7417	119.979	0	83.69006	16.30994	16.30994	0	-9999	11
2054.35	2055.587	1411.087	121.7713	494.5584	123.304	126.4313	0	100	0	0	0	-9999	11
2054.355	2055.592	1411.092	120.597	456.0254	122.414	126.0605	0	100	0	0	0	-9999	11
2054.36	2055.597	1411.097	119.707	491.1665	121.3139	119.4969	0	100	0	0	0	-9999	11

2054.365	2055.602	1411.102	119.843	514.1	121.2521	128.3719	0	100	0	0	0	-9999	11
2054.37	2055.608	1411.108	122.0803	491.5027	124.9109	126.5673	0	100	0	0	0	-9999	11
2054.375	2055.613	1411.113	123.7243	471.9306	125.9987	128.99	0	100	0	0	0	-9999	11
2054.38	2055.618	1411.118	122.9085	434.9712	122.8961	120.906	0	78.01836	21.98164	21.98164	0	-9999	11
2054.385	2055.623	1411.123	125.0963	426.354	124.8738	121.2645	0	78.99531	21.00469	21.00469	0	-9999	11
2054.39	2055.629	1411.129	127.2718	338.1191	130.1642	131.2396	0	100	0	0	0	-9999	11
2054.395	2055.634	1411.134	123.9344	155.0795	124.6637	126.6043	0	79.13019	20.86981	20.86981	0	-9999	11
2054.4	2055.639	1411.139	121.2521	142.7648	121.9938	122.4511	0	68.9299	31.0701	31.0701	0	-9999	11
2054.405	2055.645	1411.145	122.55	191.1832	123.5265	122.8838	0	81.86699	18.13301	18.13301	0	-9999	11
2054.41	2055.65	1411.15	121.9567	166.6914	122.9703	124.7749	0	78.76005	21.23995	21.23995	0	-9999	11
2054.415	2055.655	1411.155	119.5958	215.782	121.1038	126.4066	0	83.22269	16.77731	16.77731	0	-9999	11
2054.42	2055.66	1411.16	116.8764	192.4972	118.0878	121.8578	0	66.87591	33.12409	33.12409	0	-9999	11
2054.425	2055.666	1411.166	117.9271	185.6218	118.9654	121.6477	0	66.69351	33.30649	33.30649	0	-9999	11
2054.43	2055.671	1411.171	116.3944	136.6991	116.6169	116.5674	0	45.78576	54.21424	54.21424	0	-9999	11
2054.435	2055.676	1411.176	112.8716	181.8632	113.7121	114.0706	0	49.86739	50.13261	50.13261	0	-9999	11
2054.44	2055.682	1411.182	115.9865	134.8198	116.5674	116.7776	0	50.30045	49.69955	49.69955	0	-9999	11
2054.445	2055.687	1411.187	112.1176	208.6469	112.1423	110.4983	0	39.57903	60.42097	60.42097	0	-9999	11
2054.45	2055.692	1411.192	114.0582	225.0715	114.6515	116.9506	0	52.0455	47.9545	47.9545	0	-9999	11
2054.455	2055.697	1411.197	111.8085	247.0577	113.1806	113.2177	0	58.81445	41.18555	41.18555	0	-9999	11
2054.46	2055.703	1411.203	108.4711	309.5937	110.3253	111.9816	0	60.76716	39.23284	39.23284	0	-9999	11
2054.465	2055.708	1411.208	109.2869	286.6297	110.3871	111.1905	0	52.41129	47.58871	47.58871	0	-9999	11
2054.47	2055.713	1411.213	109.2993	277.7986	110.3871	113.9469	0	51.69899	48.30101	48.30101	0	-9999	11
2054.475	2055.718	1411.218	109.0521	197.0808	109.7443	111.1534	0	41.3178	58.6822	58.6822	0	-9999	11
2054.48	2055.724	1411.224	109.6701	286.1866	110.7826	112.0063	0	53.32003	46.67997	46.67997	0	-9999	11
2054.485	2055.729	1411.229	109.4724	319.9985	110.9433	113.1435	0	59.37188	40.62812	40.62812	0	-9999	11
2054.49	2055.734	1411.234	107.7295	313.2911	108.2857	111.0422	0	45.45094	54.54906	54.54906	0	-9999	11
2054.495	2055.74	1411.24	107.8037	227.18	108.088	111.8703	0	36.96375	63.03625	63.03625	0	-9999	11
2054.5	2055.745	1411.245	112.8716	126.1262	112.8468	111.1287	5.827207	34.65473	59.51806	58.0228	1.495261	-9999	11
2054.505	2055.75	1411.25	119.9295	167.0122	120.869	122.4017	0	70.06644	29.93356	29.93356	0	-9999	11
2054.51	2055.755	1411.255	124.3794	248.2953	125.6773	126.9134	0	100	0	0	0	-9999	11
2054.515	2055.761	1411.261	123.8973	378.8829	126.2335	126.456	0	100	0	0	0	-9999	11
2054.52	2055.766	1411.266	117.7541	226.0341	117.4574	116.8764	0	46.37399	53.62601	53.62601	0	-9999	4
2054.525	2055.771	1411.271	112.785	146.1567	113.1682	113.675	0	41.17273	58.82727	58.82727	0	-9999	4
2054.53	2055.777	1411.277	112.6985	107.2264	111.5613	110.1646	19.18178	19.1931	61.62511	38.18046	23.44465	28.00664	4
2054.535	2055.782	1411.282	107.5441	118.0132	105.5169	103.3662	28.21073	7.218764	64.5705	27.89217	36.67833	29.0311	4
2054.54	2055.787	1411.287	103.7617	86.26392	102.5751	102.093	32.85975	10.20359	56.93666	29.66855	27.26811	28.53997	4
2054.545	2055.792	1411.292	100.3749	49.80878	100.0288	100.5356	38.28368	11.42944	50.28688	22.80887	27.47802	28.65993	4
2054.55	2055.798	1411.298	99.85571	47.50169	99.22531	98.96574	41.52292	8.985604	49.49148	21.7687	27.72278	29.24388	4
2054.555	2055.803	1411.303	99.3242	36.04261	98.3477	98.96574	47.46728	5.661116	46.8716	29.60892	17.26268	30.03645	4
2054.56	2055.808	1411.308	98.36006	45.89742	97.04983	96.74081	48.55591	3.819726	47.62437	32.54086	15.0835	30.35811	4
2054.565	2055.813	1411.313	97.86563	33.10909	97.32176	96.80261	46.16623	7.223458	46.61031	21.81262	24.7977	29.94719	4
2054.57	2055.819	1411.319	96.82733	30.05334	96.29582	95.41821	47.76516	6.430041	45.8048	29.37245	16.43235	30.25462	4
2054.575	2055.824	1411.324	95.97444	33.15493	95.73959	94.82489	45.50014	7.742763	46.7571	22.41327	24.34383	29.8528	4
2054.58	2055.829	1411.329	97.07455	53.33818	95.90028	92.51344	46.88417	4.53103	48.5848	34.46646	14.11835	30.53764	4
2054.585	2055.835	1411.335	98.11285	43.11668	97.96452	96.71609	40.45149	10.47038	49.07813	29.55891	19.51922	29.21756	4
2054.59	2055.84	1411.34	99.81863	50.71023	99.69502	101.3884	36.85294	12.53403	50.61303	26.76094	23.85209	28.25073	4
2054.595	2055.845	1411.345	98.33534	72.77277	97.68022	98.40951	36.99765	9.532693	53.46966	22.7044	30.76526	28.4593	4
2054.6	2055.85	1411.35	97.35884	52.54368	96.70373	95.90028	42.79146	7.565834	49.6427	33.73598	15.90672	29.44117	4
2054.605	2055.856	1411.356	96.28346	59.5108	95.22044	96.06097	45.25603	5.196412	49.54756	17.56046	31.9871	29.43298	4
2054.61	2055.861	1411.361	94.41699	37.78439	93.99672	91.98193	47.2496	6.103615	46.64679	19.5953	27.05148	30.26412	4
2054.615	2055.866	1411.366	94.83725	47.28779	94.26866	89.10188	45.71268	6.228937	48.05838	32.15909	15.89929	30.58291	4
2054.62	2055.872	1411.372	94.86198	68.28081	93.63826	92.03137	45.6868	4.359008	49.9542	21.85672	28.09748	29.822	4
2054.625	2055.877	1411.377	95.49237	55.03412	94.73837	94.62712	44.67229	6.143934	49.18377	32.40699	16.77678	29.49458	4
2054.63	2055.882	1411.382	96.25874	67.07379	94.81253	95.26988	46.4182	3.662218	49.91959	20.19478	29.72481	29.65583	4
2054.635	2055.887	1411.387	96.3329	58.68575	95.44293	94.04617	44.06907	6.098039	49.83289	16.46998	33.36292	29.67507	4
2054.64	2055.893	1411.393	101.2896	70.67958	100.3749	98.48367	36.79803	9.586839	53.61513	34.70308	18.91205	29.03973	4
2054.645	2055.898	1411.398	107.5812	108.4181	105.9743	103.7864	27.24157	10.40385	62.35458	33.64223	28.71235	28.77207	4
2054.65	2055.903	1411.403	109.6825	72.28385	108.9903	107.3463	26.96397	18.74039	54.29564	30.56523	23.73041	27.98208	4
2054.655	2055.908	1411.408	110.8691	145.8817	108.6318	102.7728	20.03606	8.196075	71.76787	53.06082	18.70705	29.84833	4
2054.66	2055.914	1411.414	105.3068	80.15242	103.6257	102.1424	36.74908	6.697547	56.55338	32.97524	23.57814	29.30253	4
2054.665	2055.919	1411.419	105.3686	85.83612	104.9483	102.0683	25.5456	17.77011	56.68429	42.58599	14.0983	28.2698	4
2054.67	2055.924	1411.424	106.9879	154.2544	104.9607	99.27476	19.95209	9.466112	70.5818	38.01767	32.56412	29.49572	4
2054.675	2055.93	1411.43	107.4328	146.7678	105.9372	97.19815	17.23525	13.92747	68.83729	56.42459	12.4127	29.85424	4
2054.68	2055.935	1411.435	107.4576	199.831	109.2375	94.26866	0	50.18935	49.81065	49.81065	0	-9999	4
2054.685	2055.94	1411.44	104.3303	133.9337	105.0967	104.8742	5.664846	30.13244	64.20271	64.20271	0	-9999	4
2054.69	2055.945	1411.445	101.8458	144.4455	101.6604	99.00282	12.783	20.22828	66.98872	52.96703	14.02169	28.45671	4
2054.695	2055.951	1411.451	101.7098	150.0069	101.4626	100.9558	12.0412	20.02482	67.93398	47.73777	20.19621	28.12248	4
2054.7	2055.956	1411.456	101.6727	119.9842	100.7828	98.55783	24.3222	13.33783	62.33997	33.17602	29.16395	28.31372	4
2054.705	2055.961	1411.461	97.47009	74.66734	97.28468	97.81619	33.69496	11.88718	54.41786	22.58512	31.83274	28.147	4
2054.71	2055.967	1411.467	104.3056	242.474	100.0658	93.46521	18.21807	0	81.78193	49.33082	32.45111	27.9812	4
2054.715	2055.972	1411.472	94.87434	89.60997	94.03381	92.51344	37.5441	7.722112	54.73379	35.0874	19.64639	28.73266	4
2054.72	2055.977	1411.477	95.15863	118.823	93.94728	91.57402	33.08687	7.948613	58.96452	38.1812	20.78331	28.42713	4
2054.725	2055.982	1411.482	94.59004	109.3196	93.05731	91.42569	38.40049	5.525226	56.07429	34.93604	21.13825	28.70789	4

2054.73	2055.988	1411.488	96.32054	108.7848	95.6407	95.28224	30.32793	10.61855	59.05352	42.9652	16.08832	28.00124	4
2054.735	2055.993	1411.493	103.1189	106.5541	104.0707	105.1708	11.96821	28.1156	59.91619	45.69637	14.21983	27.35511	4
2054.74	2055.998	1411.498	95.65306	76.348	95.48001	94.04617	34.8641	10.77836	54.35754	34.51685	19.84069	28.56344	4
2054.745	2056.003	1411.503	96.25874	75.03403	96.18457	95.35641	33.8585	11.66385	54.47766	22.81799	31.65966	28.38684	4
2054.75	2056.009	1411.509	93.37869	70.83237	93.26744	96.36999	37.81233	9.241715	52.94595	23.47967	29.46628	27.94093	4
2054.755	2056.014	1411.514	92.82246	95.76732	91.57402	90.69641	41.10301	5.352413	53.54457	33.80766	19.73692	28.79708	4
2054.76	2056.019	1411.519	92.83482	134.117	89.46034	85.90045	48.28787	0	51.71213	12.75483	38.95731	28.33985	4
2054.765	2056.025	1411.525	85.87572	107.2417	84.50368	79.16385	45.67517	3.716533	50.6083	35.59441	15.01389	29.46389	4
2054.77	2056.03	1411.53	84.14522	52.17699	83.00803	80.59769	58.77277	0.3086	40.91864	10.98181	29.93683	31.59123	4
2054.775	2056.035	1411.535	84.8127	70.77125	84.24411	80.44936	49.25227	3.463132	47.2846	25.78215	21.50245	30.07572	4
2054.78	2056.04	1411.54	83.4901	76.68414	82.68666	81.1292	50.85826	2.757261	46.38448	27.23422	19.15026	29.70355	4
2054.785	2056.046	1411.546	83.47774	63.36105	83.13164	82.19223	50.54938	3.17971	46.27091	30.83786	15.43305	29.76192	4
2054.79	2056.051	1411.551	85.97461	55.92029	86.32071	86.33307	44.68837	5.934074	49.37756	35.49428	13.88328	29.09923	4
2054.795	2056.056	1411.556	87.33429	52.00893	87.56914	87.65567	45.24617	5.97658	48.77725	33.21239	15.56486	29.23987	4
2054.8	2056.062	1411.562	86.29599	56.16475	86.12294	84.66437	48.35696	4.32499	47.31805	29.34367	17.97438	29.81175	4
2054.805	2056.067	1411.567	90.26378	122.9788	88.57036	83.09456	40.32046	4.631072	55.04847	30.93453	24.11394	29.11874	4
2054.81	2056.072	1411.572	91.37625	131.6113	89.5963	84.62729	37.87849	5.110321	57.01119	35.69404	21.31715	28.83622	4
2054.815	2056.077	1411.577	89.04007	101.3288	89.04007	82.0439	33.56157	9.307132	57.1313	31.88411	25.24719	29.1416	4
2054.82	2056.083	1411.583	88.558	81.51223	88.18718	91.49986	41.67455	6.307787	52.01767	23.44362	28.57404	27.97482	4
2054.825	2056.088	1411.588	91.38861	113.2921	90.48628	89.71991	35.49888	7.511399	56.98972	25.47804	31.51168	28.0789	4
2054.83	2056.093	1411.593	89.9424	121.9398	87.5197	84.76326	46.5195	1.780997	51.69951	26.90958	24.78992	29.24096	4
2054.835	2056.098	1411.598	88.76814	117.6618	88.66925	86.0735	30.62553	9.885028	59.48944	32.04246	27.44698	28.05632	4
2054.84	2056.104	1411.604	91.74707	118.2882	91.68527	91.15376	27.44592	11.69078	60.8633	42.72093	18.14237	27.72675	4
2054.845	2056.109	1411.609	86.34543	113.1546	85.25769	79.64592	41.60882	5.142188	53.24899	37.64381	15.60518	29.08194	4
2054.85	2056.114	1411.614	85.81392	105.2249	83.72496	80.28867	51.77624	1.362864	46.86089	13.16384	33.69706	29.90211	4
2054.855	2056.12	1411.62	83.04512	115.7978	81.14156	79.01552	50.32796	2.273998	47.39804	15.59508	31.80296	29.04513	4
2054.86	2056.125	1411.625	79.93021	109.7474	79.72008	79.62119	41.53386	5.523699	52.94244	21.46089	31.48155	27.7288	4
2054.865	2056.13	1411.63	81.37642	182.6424	80.32576	73.97234	29.07687	8.716095	62.20704	43.88221	18.32483	27.38649	4
2054.87	2056.135	1411.635	81.53711	97.73828	81.26517	80.11562	43.4407	5.059478	51.49982	17.04078	34.45904	28.36042	4
2054.875	2056.141	1411.641	87.53206	175.1711	87.69275	87.28485	15.83376	14.12048	70.04576	44.81411	25.23165	27.45427	4
2054.88	2056.146	1411.646	86.23419	84.01794	86.01169	83.11928	42.05653	6.011188	51.93228	29.11323	22.81905	29.01532	4
2054.885	2056.151	1411.651	88.7805	77.61614	88.75577	87.21068	39.73043	7.475509	52.79406	27.81684	24.97722	28.75532	4
2054.89	2056.157	1411.657	88.44676	70.25177	88.68161	88.44676	39.80794	7.806619	52.38544	28.89135	23.49409	28.5895	4
2054.895	2056.162	1411.662	85.17116	89.70165	83.73732	79.06496	51.04703	2.190591	46.76238	30.934	15.82838	30.21287	4
2054.9	2056.167	1411.667	83.7744	83.51374	82.92151	79.18857	49.32713	3.154588	47.51829	22.63487	24.88342	29.81151	4
2054.905	2056.172	1411.672	82.17987	54.60632	81.48766	79.90549	56.54435	1.212585	42.24306	13.3323	28.91076	30.86554	6
2054.91	2056.178	1411.678	84.47896	62.15403	84.42952	86.61737	47.62126	4.3735	48.00524	17.72706	30.27818	28.87978	6
2054.915	2056.183	1411.683	87.98941	59.99972	88.0883	88.87938	43.76345	6.35214	49.88441	32.02491	17.8595	28.87222	6
2054.92	2056.188	1411.688	91.52458	59.52608	90.9189	90.26378	46.08606	5.209725	48.70421	27.90006	20.80415	29.56842	6
2054.925	2056.194	1411.694	91.99429	45.75991	91.8954	90.33795	45.05772	6.772111	48.17017	28.35434	19.81582	29.72686	6
2054.93	2056.199	1411.699	90.1649	38.47194	90.09073	88.87938	48.31286	5.36147	46.32567	15.48182	30.84385	30.11717	6
2054.935	2056.204	1411.704	87.54442	47.16556	87.18596	87.2354	50.82314	3.598596	45.57826	25.86398	19.71428	30.05266	6
2054.94	2056.209	1411.709	93.76187	101.8483	92.76065	92.00665	36.85125	7.259543	55.88921	20.64173	35.24748	28.39901	6
2054.945	2056.215	1411.715	95.41821	150.3431	94.41699	92.1797	23.59167	11.25691	65.15142	30.49086	34.66056	27.9928	6
2054.95	2056.22	1411.72	84.44188	113.0782	83.04512	78.86719	45.77347	3.728529	50.498	29.24385	21.25416	29.06044	6
2054.955	2056.225	1411.725	83.40358	98.62445	82.25403	80.56061	48.31059	3.234871	48.45454	21.89866	26.55588	29.03908	6
2054.96	2056.23	1411.73	82.1057	109.289	79.99202	76.59282	54.39587	1.19272	44.41141	22.85027	21.56114	29.8802	6
2054.965	2056.236	1411.736	83.86093	111.5503	81.89557	75.23313	51.08429	1.919068	46.99664	16.52107	30.47557	30.12386	6
2054.97	2056.241	1411.741	85.40602	112.1462	83.60135	77.55695	48.27326	2.631418	49.09532	21.30746	27.78786	29.77408	6
2054.975	2056.246	1411.746	89.93004	134.0101	88.27371	83.86093	37.67054	5.444443	56.88502	29.04788	27.83714	28.57094	6
2054.98	2056.252	1411.752	88.39731	137.8756	86.25891	80.20215	41.88123	3.708784	54.40999	29.25651	25.15348	29.00962	6
2054.985	2056.257	1411.757	92.25386	79.70933	92.16734	93.00787	36.50736	9.27322	54.21942	27.40381	26.81561	28.15914	6
2054.99	2056.262	1411.762	91.21556	50.81718	90.7953	91.9572	47.04098	5.274417	47.6846	18.51261	29.17199	29.42464	6
2054.995	2056.267	1411.767	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2055.32	2056.61	1412.11	121.178	221.0074	122.6365	121.7466	0	88.84013	11.15987	11.15987	0	-9999	-9999
2055.325	2056.616	1412.116	118.644	195.2015	117.7664	111.7591	0	36.31065	63.68935	63.68935	0	-9999	-9999
2055.33	2056.621	1412.121	121.7218	205.7592	122.4264	118.8542	0	74.00517	25.99483	25.99483	0	-9999	-9999
2055.335	2056.626	1412.126	114.7875	182.291	112.6367	108.4588	6.949552	13.13415	79.91629	72.14014	7.776155	-9999	-9999
2055.34	2056.632	1412.132	113.2547	126.7679	111.549	107.371	18.3476	14.07559	67.57682	37.78419	29.79263	29.09353	-9999
2055.345	2056.637	1412.137	104.2932	103.7887	102.6987	98.70616	31.29103	8.507167	60.20181	24.45396	35.74785	29.20896	-9999
2055.35	2056.642	1412.142	113.5885	142.23	113.4154	114.429	2.420062	35.00426	62.57568	62.57568	0	-9999	-9999
2055.355	2056.647	1412.147	110.9186	179.1436	109.5218	107.3463	5.42709	19.48322	75.08969	72.596	2.49369	-9999	-9999
2055.36	2056.653	1412.153	115.764	157.7074	116.2955	119.6082	0	50.53938	49.46062	49.46062	0	-9999	-9999
2055.365	2056.658	1412.158	116.6169	152.0696	116.9382	120.9431	0	48.88904	51.11096	51.11096	0	-9999	-9999
2055.37	2056.663	1412.163	118.8418	126.1109	119.5711	119.0025	0	59.94131	40.05869	40.05869	0	-9999	-9999
2055.375	2056.669	1412.169	118.7182	121.7259	119.0519	120.3374	0	52.22431	47.77569	47.77569	0	-9999	-9999
2055.38	2056.674	1412.174	116.5056	132.3294	117.6799	122.9826	0	61.06577	38.93423	38.93423	0	-9999	-9999
2055.385	2056.679	1412.179	111.4006	145.3011	110.8691	113.5267	6.467768	27.50748	66.02475	53.91448	12.11027	-9999	-9999
2055.39	2056.684	1412.184	116.0112	148.311	116.2955	116.8888	0	46.67345	53.32655	53.32655	0	-9999	-9999
2055.395	2056.69	1412.19	114.256	107.2264	114.5032	114.4785	7.019813	39.62554	53.35465	44.24025	9.114394	-9999	-9999
2055.4	2056.695	1412.195	111.4501	146.4317	112.1423	113.0941	0	42.48667	57.51333	57.51333	0	-9999	-9999
2055.405	2056.7	1412.2	113.0199	104.2623	113.6626	114.2312	5.808847	42.28782	51.90333	51.90333	0	-9999	-9999
2055.41	2056.705	1412.205	115.6404	85.11802	116.0606	116.4438	9.755251	43.64808	46.59667	37.96562	8.631042	25.51489	-9999

2055.415	2056.711	1412.211	113.3289	122.1843	114.0211	113.6503	0.804245	44.84914	54.34662	54.34662	0	-9999	-9999	
2055.42	2056.716	1412.216	107.6553	136.3019	107.9891	109.0645	5.385554	31.11212	63.50233	52.95076	10.55157	-9999	-9999	
2055.425	2056.721	1412.221	109.596	119.0674	110.4983	110.8938	3.364306	39.45166	57.18404	57.18404	0	-9999	-9999	
2055.43	2056.727	1412.227	110.2016	141.2369	111.9569	114.6268	0	52.50166	47.49834	47.49834	0	-9999	-9999	
2055.435	2056.732	1412.232	109.0397	170.068	110.1151	113.0199	0	43.75949	56.24051	56.24051	0	-9999	-9999	
2055.44	2056.737	1412.237	111.2647	139.0826	112.476	113.4649	0	48.13023	51.86977	51.86977	0	-9999	-9999	
2055.445	2056.742	1412.242	106.926	155.7976	106.135	101.9941	10.05594	20.64529	69.29877	49.32965	19.96913	28.99184	-9999	
2055.45	2056.748	1412.248	107.0991	152.2376	106.9755	106.8642	5.585275	26.90075	67.51398	60.56204	6.951936	-9999	2	
2055.455	2056.753	1412.253	101.8334	174.9877	99.86807	96.36999	19.19773	9.680633	71.12164	43.20401	27.91763	28.71308	2	
2055.46	2056.758	1412.258	96.93858	165.3315	94.57768	93.31688	29.10325	5.679636	65.21712	43.27354	21.94358	27.97218	2	
2055.465	2056.764	1412.264	86.55556	65.07227	85.64087	84.47896	51.71027	2.527269	45.76246	16.66585	29.09661	30.11433	2	
2055.47	2056.769	1412.269	85.20824	85.72917	83.65079	83.0204	52.93221	1.557171	45.51062	16.52732	28.9833	29.80166	2	
2055.475	2056.774	1412.274	87.21068	94.80475	85.73976	82.99567	48.22311	2.855114	48.92178	20.30648	28.6153	29.55429	2	
2055.48	2056.779	1412.279	89.08951	110.1599	88.0883	85.23297	39.1384	6.073729	54.78787	21.70385	33.08403	28.59449	2	
2055.485	2056.785	1412.285	85.04756	102.4441	83.46538	81.10448	49.22661	2.58154	48.19185	22.73294	25.45891	29.32953	2	
2055.49	2056.79	1412.29	89.91768	118.8688	87.77928	83.40358	45.08213	2.615556	52.30231	30.46346	21.83885	29.39813	2	
2055.495	2056.795	1412.295	89.95477	58.24266	89.36145	90.60988	47.74508	4.47867	47.77625	19.63011	28.14614	29.37219	2	
2055.5	2056.8	1412.3	91.59874	52.32978	91.11667	93.41577	46.80138	5.296503	47.90212	26.42127	21.48085	29.18024	2	
2055.505	2056.806	1412.306	93.9102	50.78662	93.47757	92.32803	44.6651	6.631403	48.7035	19.19173	29.51177	29.62768	2	
2055.51	2056.811	1412.311	97.45773	119.1591	95.94972	94.72601	33.18946	7.274417	59.53613	34.74032	24.79581	28.37784	2	
2055.515	2056.816	1412.316	95.46765	102.215	94.04617	90.86946	38.45024	5.882515	55.66724	32.11862	23.54863	29.09538	2	
2055.52	2056.822	1412.322	93.30452	94.13249	92.22914	90.07837	39.714	6.205969	54.08003	23.03049	31.04954	28.92935	2	
2055.525	2056.827	1412.327	97.27232	53.90349	96.76553	96.28346	41.39244	8.462114	50.14544	33.55339	16.59205	29.17408	2	
2055.53	2056.832	1412.332	91.10431	43.1014	90.21434	88.71869	52.65078	2.714138	44.63508	13.84144	30.79365	30.8631	2	
2055.535	2056.837	1412.337	90.09073	33.94942	89.48506	89.20076	53.59475	2.847393	43.55785	14.63906	28.91879	30.84135	2	
2055.54	2056.843	1412.343	90.99307	43.71255	90.88182	91.17848	46.5701	6.010045	47.41985	31.65662	15.76323	29.56668	2	
2055.545	2056.848	1412.348	96.49359	85.82084	95.73959	93.63826	36.30079	8.757419	54.94179	22.35914	32.58265	28.81116	2	
2055.55	2056.853	1412.353	94.73837	76.62302	93.76187	92.27858	41.86579	6.09959	52.03462	28.11557	23.91905	29.23212	2	
2055.555	2056.859	1412.359	89.33673	56.14947	88.42204	86.81514	51.31092	2.840251	45.84883	14.84208	31.00675	30.41842	2	
2055.56	2056.864	1412.364	91.74707	83.69709	90.23906	88.26135	47.02507	3.084605	49.89033	34.76784	15.12249	29.73206	2	
2055.565	2056.869	1412.369	90.78293	71.61158	89.75699	87.53206	47.10074	3.957265	48.942	31.39013	17.55187	29.83649	2	
2055.57	2056.874	1412.374	90.33795	79.54127	89.1266	87.65567	47.02808	3.599023	49.3729	33.60725	15.76565	29.57724	2	
2055.575	2056.88	1412.38	89.01535	106.8444	86.56793	83.47774	51.21707	0.605756	48.17717	15.24649	32.93068	30.03416	2	
2055.58	2056.885	1412.385	83.24289	48.18923	82.1057	81.63599	60.56795	0	39.43205	25.51654	13.91551	31.34038	2	
2055.585	2056.89	1412.39	82.40236	54.65215	81.4753	80.00438	58.14868	0.640156	41.21116	13.87254	27.33862	31.13471	2	
2055.59	2056.895	1412.395	80.94379	66.66126	79.60883	77.90305	59.74562	0.089822	40.16456	26.61307	13.55149	31.15579	2	
2055.595	2056.901	1412.401	82.64957	70.11427	81.26517	78.91663	57.72385	0.510379	41.76577	24.11324	17.65252	30.97062	2	
2055.6	2056.906	1412.406	82.06862	53.58264	81.30225	79.78188	57.4692	0.914098	41.6167	28.45761	13.15909	31.01892	2	
2055.605	2056.911	1412.411	80.62241	72.42136	78.78066	76.27144	62.57496	0	37.42504	9.919989	27.50505	30.63099	2	
2055.61	2056.917	1412.417	85.28241	109.0446	84.03398	79.86841	44.82676	4.085169	51.08807	29.0417	22.04637	29.08212	2	
2055.615	2056.922	1412.422	83.31705	72.22274	82.57541	79.75716	51.61815	2.583932	45.79792	22.76123	23.03669	30.09538	2	
2055.62	2056.927	1412.427	81.42586	51.29082	80.63477	79.3987	58.80675	0.527873	40.66538	17.09701	23.56836	31.20661	2	
2055.625	2056.932	1412.432	79.26273	41.14572	78.75594	77.82889	61.04864	0	38.95136	18.19051	20.76085	31.60944	2	
2055.63	2056.938	1412.438	83.32941	46.4169	82.94623	82.92151	55.07372	1.877195	43.04909	29.15466	13.89443	30.52701	2	
2055.635	2056.943	1412.443	80.12798	45.94325	79.42342	77.27266	60.62434	0.058836	39.31682	21.4771	17.83972	31.73238	2	
2055.64	2056.948	1412.448	78.73122	56.50088	77.06252	77.44571	66.82648	0	33.17352	19.3463	13.82722	29.91111	2	
2055.645	2056.954	1412.454	85.20824	31.64233	85.17116	84.93631	54.23836	2.657775	43.10387	26.81424	16.28963	30.7433	2	
2055.65	2056.959	1412.459	81.96973	29.77832	81.83377	84.33063	58.43524	0.985685	40.57907	12.53551	28.04356	30.85338	2	
2055.655	2056.964	1412.464	81.17865	52.87982	79.95493	78.63234	62.0025	0	37.9975	13.19858	24.79892	31.07386	2	
2055.66	2056.969	1412.469	77.59403	46.95165	77.23557	77.49515	60.02926	0.285821	39.68492	12.35823	27.32669	31.00058	2	
2055.665	2056.975	1412.475	78.63234	30.61865	79.10204	80.3752	56.6083	1.39978	41.99192	29.62299	12.36892	30.58871	2	
2055.67	2056.98	1412.48	77.86597	25.86695	77.54459	78.3604	64.59419	0	35.40581	18.57543	16.83038	30.87533	2	
2055.675	2056.985	1412.485	77.6682	48.31146	76.23435	75.29494	67.96618	0	32.03382	15.56686	16.46696	30.22962	2	
2055.68	2056.99	1412.49	81.11684	100.1065	78.9908	76.25908	57.62359	0.455846	41.92056	25.24496	16.6756	30.35367	2	
2055.685	2056.996	1412.496	82.01918	90.16001	80.57297	79.44814	53.93173	1.586621	44.48165	25.24218	19.23947	29.72102	2	
2055.69	2057.001	1412.501	82.35292	100.6871	80.94379	78.27387	50.78975	2.453437	46.75681	32.9547	13.80211	29.40571	2	
2055.695	2057.006	1412.506	84.63965	129.35	84.0587	83.09456	35.33121	7.321641	57.34715	32.74496	24.60219	27.51456	4	
2055.7	2057.012	1412.512	83.93509	103.9873	83.09456	82.82262	44.1289	4.61721	51.25389	19.21061	32.04328	28.28478	4	
2055.705	2057.017	1412.517	85.17116	94.46862	84.1823	80.75838	46.44478	3.871715	49.68351	15.50601	34.17749	29.32653	4	
2055.71	2057.022	1412.522	80.95615	66.11123	80.33812	79.62119	54.31121	1.849831	43.83896	28.39595	15.44301	30.0605	4	
2055.715	2057.027	1412.527	74.71398	71.87132	74.00942	69.12693	59.33063	0.633247	40.03613	21.7301	18.30602	31.12495	4	
2055.72	2057.033	1412.533	79.79424	90.45031	79.55939	71.9081	46.52044	4.119069	49.36049	23.32326	26.03723	29.86083	4	
2055.725	2057.038	1412.538	81.57419	154.8656	79.49759	73.68804	43.56794	4.312061	52.11999	29.45492	22.66508	28.1998	4	
2055.73	2057.043	1412.543	82.00682	137.0658	80.54825	77.42098	42.68769	4.718753	52.59356	24.50468	28.08888	27.99847	4	
2055.735	2057.049	1412.549	83.72496	112.2378	83.0822	83.67551	40.79286	5.69097	53.51617	23.34507	30.1711	27.71623	4	
2055.74	2057.054	1412.554	81.88321	116.577	80.94379	76.81531	43.73629	4.660734	51.60298	17.61469	33.98829	28.61804	4	
2055.745	2057.059	1412.559	81.93265	131.3516	81.4135	79.57175	36.8583	6.788421	56.35328	31.25218	25.10109	27.54033	4	
2055.75	2057.064	1412.564	78.63234	125.6373	77.37154	75.83881	47.02518	3.841525	49.13329	34.54876	14.58453	28.02893	4	
2055.755	2057.07	1412.57	74.66454	83.89571	73.40375	71.19118	60.77702	0.419155	38.80383	14.16436	24.63947	30.62028	4	
2055.76	2057.075	1412.575	77.22321	118.9758	76.29616	73.51499	47.34718	3.852428	48.80039	17.82646	30.97392	28.32376	4	
2055.765	2057.08	1412.58	78.89191	150.5111	77.85361	73.47791	39.04258	6.06248	54.89494	25.50671	29.38823	27.54229	4	
2055.77	2057.085	1412.585	75.10953	126.0498	73.11945	66.91436	55.81828	2.007038	42.17468	20.78364	21.39104	29.65735	4	
2055.775	2057.091	1412.591	74.00942	63.23882	73.7004	72.56322	59.00243	0.635956	40.36162	14.57543	25.78618	30.51938	4	

2055.78	2057.096	1412.596	78.13791	69.62534	77.14905	75.61632	58.92745	0.565597	40.50696	25.31443	15.19253	30.7153	4
2055.785	2057.101	1412.601	78.68178	70.7407	78.69414	76.81531	50.39772	3.040105	46.56218	27.51344	19.04874	29.5265	4
2055.79	2057.107	1412.607	77.94013	85.59166	78.26151	76.08603	45.09121	4.518963	50.38983	34.84759	15.54224	28.71762	4
2055.795	2057.112	1412.612	76.51865	87.62373	76.43213	76.16019	49.06847	3.329619	47.60191	27.16474	20.43718	28.62878	4
2055.8	2057.117	1412.617	76.14783	65.88205	75.6534	72.93404	57.83237	0.931582	41.23605	22.82881	18.40724	30.69313	4
2055.805	2057.122	1412.622	76.74114	71.1685	75.50507	73.61388	61.75494	0	38.24506	17.55101	20.69406	31.04492	4
2055.81	2057.128	1412.628	72.47669	46.46273	71.6856	70.80799	68.20839	0	31.79161	11.62341	20.16821	30.31379	4
2055.815	2057.133	1412.633	73.25542	36.08845	73.37903	73.87345	62.91365	0	37.08635	15.12735	21.959	30.66181	4
2055.82	2057.138	1412.638	75.55451	56.21059	74.39261	73.10709	65.89168	0	34.10832	12.19526	21.91306	30.55301	4
2055.825	2057.144	1412.644	78.75594	115.8131	77.55695	74.05887	48.80995	3.336088	47.85396	25.6618	22.19216	28.77443	4
2055.83	2057.149	1412.649	81.04268	169.3804	77.94013	71.92046	48.49539	2.863106	48.64151	18.7597	29.8818	28.35807	4
2055.835	2057.154	1412.654	79.683	135.6143	78.97844	80.18979	39.33332	6.002548	54.66413	19.35593	35.3082	26.8618	4
2055.84	2057.159	1412.659	80.46172	85.48471	80.05382	80.85727	48.44917	3.551249	47.99958	27.62047	20.37911	28.62753	4
2055.845	2057.165	1412.665	79.28745	150.8473	77.05016	75.28258	47.88952	3.491139	48.61934	26.41718	22.20217	27.70601	4
2055.85	2057.17	1412.67	78.94135	131.6266	77.65584	76.13547	45.48307	4.243	50.27393	18.43163	31.8423	27.79214	4
2055.855	2057.175	1412.675	80.96851	166.4469	78.44692	73.05765	44.77113	3.994951	51.23391	24.12026	27.11366	27.94158	4
2055.86	2057.18	1412.68	80.88199	120.6412	79.84369	71.67324	44.44025	4.454596	51.10516	31.03971	20.06544	29.28019	4
2055.865	2057.186	1412.686	79.57175	134.9115	78.06374	73.87345	45.83247	4.063314	50.10421	25.15346	24.95075	28.29859	4
2055.87	2057.191	1412.691	76.12311	105.0721	74.10831	71.67324	60.15399	0.622775	39.22324	18.03916	21.18408	30.20385	4
2055.875	2057.196	1412.696	73.26778	91.48926	71.74741	68.24932	62.23611	0.312416	37.45147	27.29425	10.15722	30.84844	4
2055.88	2057.202	1412.702	72.99584	104.5679	70.74619	66.64243	64.97321	0	35.02679	9.167071	25.85972	31.16557	4
2055.885	2057.207	1412.707	75.12189	92.43655	72.81043	70.53606	66.43201	0	33.56799	20.5225	13.04549	30.45593	4
2055.89	2057.212	1412.712	78.71886	104.629	76.95128	70.96868	55.95721	1.333626	42.70916	26.97791	15.73125	30.38806	4
2055.895	2057.217	1412.717	82.06862	175.7211	79.06496	71.24062	45.25071	3.497007	51.25228	33.64718	17.60511	28.36525	4
2055.9	2057.223	1412.723	84.38008	76.97443	83.4283	79.69536	51.11878	2.58795	46.29327	28.00736	18.28591	30.18284	4
2055.905	2057.228	1412.728	86.18474	55.2633	85.67795	86.77806	51.26394	3.096537	45.63952	27.38824	18.25129	29.74025	4
2055.91	2057.233	1412.733	89.91768	71.50463	89.13896	88.68161	46.00674	4.620811	49.37245	31.68334	17.68911	29.31306	4
2055.915	2057.239	1412.739	95.48001	76.65358	95.2328	95.08447	35.52414	10.28279	54.19307	33.31807	20.875	28.3646	4
2055.92	2057.244	1412.744	92.5876	67.45576	91.45041	89.96713	47.30831	3.853819	48.83787	21.68051	27.15736	29.87812	4
2055.925	2057.249	1412.749	91.52458	89.12105	89.58394	87.84108	49.27001	1.620806	49.10918	26.67476	22.43442	29.93739	4
2055.93	2057.254	1412.754	91.85832	119.6786	90.46156	83.52719	37.35304	6.012744	56.63422	20.34978	36.28443	29.30326	4
2055.935	2057.26	1412.76	100.1029	233.4137	97.95216	92.71121	8.08763	11.9925	79.91987	74.58665	5.333225	29.46821	4
2055.94	2057.265	1412.765	94.26866	97.37159	92.72357	92.32803	41.68337	4.562223	53.75441	35.28263	18.47178	28.85498	4
2055.945	2057.27	1412.77	91.51222	84.29296	89.96713	90.00421	47.38432	2.908271	49.70741	26.60557	23.10184	29.38222	3
2055.95	2057.275	1412.775	92.67413	79.95379	91.79651	90.73349	42.19248	5.894815	51.91271	27.76699	24.14571	29.04969	3
2055.955	2057.281	1412.781	90.84474	58.5024	90.36267	88.00177	46.00129	5.351894	48.64682	17.9322	30.71461	29.83922	3
2055.96	2057.286	1412.786	91.16612	72.29913	90.04129	88.11302	47.34819	3.731037	48.92077	30.92646	17.99431	29.83005	3
2055.965	2057.291	1412.791	91.15376	74.6979	89.71991	86.50612	49.17395	2.619903	48.20615	24.62562	23.58053	30.30734	3
2055.97	2057.297	1412.797	103.6752	100.4732	102.4638	99.47253	29.6923	10.91866	59.38903	33.37911	26.00993	28.77864	3
2055.975	2057.302	1412.802	107.6801	131.1377	106.7283	101.1783	16.5753	18.13867	65.28603	47.5534	17.73263	28.95619	3
2055.98	2057.307	1412.807	119.9048	137.6464	121.5982	116.9012	0	82.84393	17.15607	17.15607	0	-9999	3
2055.985	2057.312	1412.812	124.5277	87.42511	123.6872	123.6378	10.79172	40.50969	48.6986	27.9356	20.763	25.13249	3
2055.99	2057.318	1412.818	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2056.3	2057.645	1413.145	110.1028	46.90582	109.2128	107.0497	34.25154	15.3455	50.40296	24.04405	26.3589	28.65627	3
2056.305	2057.65	1413.15	109.9668	79.83156	109.2375	107.5688	25.16326	19.16156	55.67518	40.95069	14.72449	27.9191	3
2056.31	2057.656	1413.156	110.0286	100.3815	109.6083	107.2722	17.73842	23.9933	58.26828	28.4916	29.77668	27.76859	3
2056.315	2057.661	1413.161	107.5935	100.4426	107.9273	108.3228	14.12036	28.59933	57.28032	48.76516	8.515154	27.11639	3
2056.32	2057.666	1413.166	107.0497	52.87982	107.1733	106.9137	27.75944	22.52906	49.7115	19.20831	30.50319	27.41426	3
2056.325	2057.671	1413.171	107.643	59.15939	107.643	106.1844	26.65189	22.52693	50.82118	36.56567	14.25551	27.60579	3
2056.33	2057.677	1413.177	102.9088	55.00356	102.6863	99.94224	33.73735	14.91047	51.35218	28.24786	23.10432	28.71899	3
2056.335	2057.682	1413.182	104.7258	91.09201	102.8099	101.3884	36.45629	5.318029	58.22568	34.79795	23.42774	29.29576	3
2056.34	2057.687	1413.187	106.926	45.43906	106.6788	107.4205	32.5477	18.30019	49.15211	25.9418	23.21031	27.76379	3
2056.345	2057.692	1413.192	101.6357	90.22112	100.3378	97.19815	34.72023	8.449247	56.83052	40.27852	16.552	29.12528	3
2056.35	2057.698	1413.198	104.3427	172.0084	101.9694	97.38357	20.7715	7.166302	72.0622	36.98962	35.07258	29.19764	7
2056.355	2057.703	1413.203	97.56898	114.9727	96.18457	95.91264	33.14226	7.725815	59.13193	39.64989	19.48203	28.20675	7
2056.36	2057.708	1413.208	104.0831	167.5622	102.8841	100.585	12.98568	15.79448	71.21984	53.31512	17.90472	28.64889	7
2056.365	2057.714	1413.214	101.5491	106.111	100.2389	99.08935	31.05027	9.391854	59.55788	36.88441	22.67346	28.46408	7
2056.37	2057.719	1413.219	99.6703	102.5511	99.06462	97.85327	28.17995	12.7349	59.08515	25.59075	33.4944	28.15598	7
2056.375	2057.724	1413.224	97.45773	87.08898	96.70373	96.51831	35.10689	9.38453	55.50858	31.74291	23.76566	28.38213	7
2056.38	2057.729	1413.229	97.80383	112.5434	96.14749	94.02145	35.62159	6.117582	58.26083	25.0734	33.18743	28.77624	7
2056.385	2057.735	1413.235	104.0954	165.8663	103.8729	103.428	5.81687	23.5672	70.61593	65.28291	5.333023	-9999	7
2056.39	2057.74	1413.24	97.48245	65.37785	96.83969	95.61598	39.47608	8.578527	51.94539	26.29562	25.64977	29.05674	7
2056.395	2057.745	1413.245	96.2093	60.35113	95.15863	93.67535	45.02511	5.285238	49.68966	34.6798	15.00986	29.80342	7
2056.4	2057.751	1413.251	96.02388	74.56039	94.61476	90.74585	44.53512	4.277073	51.18781	33.34641	17.8414	30.10943	7
2056.405	2057.756	1413.256	98.45895	98.02857	96.9015	96.23402	37.76511	5.930489	56.3044	24.01146	32.29294	28.79295	7
2056.41	2057.761	1413.261	99.64558	146.7526	98.03868	91.04251	25.26538	9.360685	65.37393	38.5991	26.77483	29.18076	7
2056.415	2057.766	1413.266	99.06462	136.0727	97.44537	92.13025	28.48018	8.352232	63.16758	45.39565	17.77193	28.94734	7
2056.42	2057.772	1413.272	105.0967	183.2383	102.3773	101.203	20.04246	5.382547	74.57499	43.07541	31.49958	28.74721	7
2056.425	2057.777	1413.277	99.7321	132.5433	98.11285	97.29704	28.72022	8.357237	62.92255	36.45028	26.47227	28.18149	7
2056.43	2057.782	1413.282	96.32054	88.5099	95.24516	93.61354	38.29993	7.10448	54.59559	34.41818	20.17741	28.89681	7
2056.435	2057.787	1413.287	95.17099	69.64062	94.86198	93.92256	37.98455	9.282295	52.73316	37.00574	15.72741	28.7468	7
2056.44	2057.793	1413.293	92.38983	59.87749	91.82124	90.96835	44.9176	5.807497	49.2749	30.90414	18.37076	29.47401	7
2056.445	2057.798	1413.298	91.82124	60.74838	91.90776	90.86946	40.15278	8.522037	51.32518	36.38004	14.94514	28.93433	7

2056.45	2057.803	1413.303	91.63583	84.79716	91.82124	91.66055	33.73719	10.47713	55.78568	28.81372	26.97195	28.09789	7
2056.455	2057.809	1413.309	92.40219	140.4119	91.32681	88.9041	29.34453	8.983443	61.67202	36.5651	25.10692	27.94738	7
2056.46	2057.814	1413.314	96.71609	148.2804	95.09683	93.87312	27.68657	8.382154	63.93128	32.11774	31.81354	27.94834	7
2056.465	2057.819	1413.319	91.37625	100.3509	89.79408	86.79042	43.91077	3.805041	52.28419	23.89444	28.38975	29.33136	7
2056.47	2057.824	1413.324	89.71991	115.3394	87.81636	83.09456	44.29807	3.216729	52.4852	25.01323	27.47197	29.38933	7
2056.475	2057.83	1413.33	89.62103	109.9918	89.1884	87.74219	34.28348	8.465273	57.25125	26.39477	30.85648	28.06451	7
2056.48	2057.835	1413.335	89.62103	153.8419	87.82872	85.29477	34.20928	6.209938	59.58078	31.53675	28.04403	27.77232	7
2056.485	2057.84	1413.34	93.24272	160.7785	91.46277	90.04129	29.10288	7.492533	63.40458	40.94394	22.46065	27.65666	7
2056.49	2057.846	1413.346	90.05365	111.5808	89.15132	86.20946	37.14116	6.888108	55.97073	32.88721	23.08352	28.50535	7
2056.495	2057.851	1413.351	94.00909	97.98274	93.11911	90.67169	36.69711	7.638638	55.66426	22.54416	33.1201	28.72259	7
2056.5	2057.856	1413.356	94.99794	97.76884	93.73715	91.5493	38.71299	6.217451	55.06956	24.13172	30.93784	28.91775	7
2056.505	2057.861	1413.361	95.38113	99.14392	93.79895	91.5493	40.51838	4.839021	54.6426	37.51982	17.12278	29.13956	7
2056.51	2057.867	1413.367	93.8484	91.35175	92.00665	90.26378	45.82591	2.666149	51.50795	25.83158	25.67636	29.62505	7
2056.515	2057.872	1413.372	94.04617	59.05244	92.71121	90.69641	49.53277	2.898481	47.56875	23.61497	23.95378	30.47825	7
2056.52	2057.877	1413.377	94.89906	76.65358	93.34161	92.15498	46.21295	3.295179	50.49187	19.90712	30.58475	29.76099	7
2056.525	2057.882	1413.382	97.75439	103.3456	97.25996	95.34404	28.88816	12.1857	58.92614	32.289	26.63714	28.26016	7
2056.53	2057.888	1413.388	97.35884	141.5119	95.14627	89.60867	33.3314	4.915097	61.75351	37.0551	24.6984	29.10759	7
2056.535	2057.893	1413.393	100.2142	105.2402	98.45895	96.14749	35.93783	5.834594	58.22758	27.39443	30.83315	29.04779	7
2056.54	2057.898	1413.398	99.06462	130.1445	97.35884	91.79651	30.58537	7.434457	61.98018	25.05194	36.92824	29.11117	7
2056.545	2057.904	1413.404	95.925	103.4525	94.47879	92.25386	37.92158	5.999714	56.07871	25.24559	30.83311	28.88704	7
2056.55	2057.909	1413.409	97.18579	104.1859	96.09805	92.45163	33.8061	8.49697	57.69693	31.90039	25.79655	28.87204	7
2056.555	2057.914	1413.414	95.43057	75.03403	94.80017	91.75943	38.93122	8.109004	52.95978	25.83216	27.12762	29.22109	7
2056.56	2057.919	1413.419	96.08569	56.89813	95.73959	94.84962	40.5141	8.806618	50.67928	17.77314	32.90614	29.08321	7
2056.565	2057.925	1413.425	95.75195	49.70183	94.81253	93.03259	47.16083	4.941226	47.89794	30.46235	17.43559	30.19977	7
2056.57	2057.93	1413.43	96.39471	45.63768	95.76431	95.85083	45.15813	6.670198	48.17167	31.10106	17.07061	29.5817	7
2056.575	2057.935	1413.435	96.11041	66.53903	95.44293	94.50351	40.64894	7.716135	51.63492	21.00601	30.62891	29.08503	7
2056.58	2057.941	1413.441	94.10797	59.44969	93.13147	91.49986	46.6017	4.663384	48.73492	24.02174	24.71317	29.94495	7
2056.585	2057.946	1413.446	92.46399	49.88518	91.40097	89.91768	51.09934	2.950881	45.94978	33.17453	12.77525	30.60474	7
2056.59	2057.951	1413.451	90.83238	42.1694	89.69519	88.37259	55.04242	1.533594	43.42399	23.10169	20.3223	31.25177	7
2056.595	2057.956	1413.456	91.1414	42.94862	89.89296	88.37259	55.43171	1.231848	43.33644	18.93112	24.40531	31.37638	7
2056.6	2057.962	1413.462	90.74585	46.75303	89.85588	89.28729	52.09687	2.821983	45.08115	30.40512	14.67602	30.5298	7
2056.605	2057.967	1413.467	91.17848	72.14634	89.37381	87.35901	52.64255	0.955791	46.40166	29.38241	17.01924	30.66748	7
2056.61	2057.972	1413.472	95.71487	105.5304	93.51466	90.09073	43.45558	2.281829	54.26259	27.17179	27.0908	29.70619	7
2056.615	2057.977	1413.477	90.511	71.76437	88.80522	85.91281	52.58271	1.179827	46.23747	24.58848	21.64899	30.76661	7
2056.62	2057.983	1413.483	92.34039	77.32584	91.35153	90.14018	43.99764	5.083648	50.91871	18.16679	32.75192	29.28337	7
2056.625	2057.988	1413.488	93.72479	181.2062	89.9424	86.1971	39.23477	0.307615	60.45761	21.20734	39.25027	28.48689	7
2056.63	2057.993	1413.493	88.60745	78.3648	86.86458	83.8362	53.02406	1.100615	45.87533	12.40013	33.4752	30.62824	7
2056.635	2057.999	1413.499	86.06114	82.29144	84.30591	80.83255	54.51221	0.871652	44.61614	11.80989	32.80625	30.68878	7
2056.64	2058.004	1413.504	84.03398	71.1685	82.30347	79.69536	58.87736	0	41.12264	8.355094	32.76755	31.13205	7
2056.645	2058.009	1413.509	79.36162	52.37562	78.21207	76.93892	63.22141	0	36.77859	8.83417	27.94442	30.90204	7
2056.65	2058.014	1413.514	81.43822	54.39241	79.63356	77.07488	65.90004	0	34.09996	10.10436	23.9956	30.33035	7
2056.655	2058.02	1413.52	87.02527	61.11507	85.77684	84.23175	54.82226	1.280122	43.89761	16.73279	27.16482	30.76464	7
2056.66	2058.025	1413.525	90.10309	68.7239	88.64453	87.44554	51.77786	1.835693	46.38645	17.33898	29.04746	30.3203	7
2056.665	2058.03	1413.53	100.2883	181.3895	98.75561	93.29216	15.71713	12.41602	71.86685	48.52936	23.3375	28.9916	7
2056.67	2058.036	1413.536	97.68022	166.1566	95.88792	93.08203	23.81467	8.939625	67.2457	37.5201	29.7256	28.1978	7
2056.675	2058.041	1413.541	94.21922	105.2249	92.47635	89.29965	41.36109	4.148084	54.49083	37.14684	17.34399	29.27001	7
2056.68	2058.046	1413.546	91.46277	66.53903	90.32559	90.01657	48.565	3.392679	48.04232	25.33882	22.7035	29.77321	7
2056.685	2058.051	1413.551	93.31688	73.24641	91.80888	89.32437	48.10991	2.822973	49.06712	17.23233	31.83479	30.18249	7
2056.69	2058.057	1413.557	89.99185	60.18307	88.60745	87.12416	53.37231	1.515652	45.11204	19.64484	25.46719	30.72778	7
2056.695	2058.062	1413.562	90.42447	73.38392	88.64453	86.98819	52.84515	0.983547	46.1713	19.82603	26.34527	30.55727	7
2056.7	2058.067	1413.567	98.02632	163.437	95.39349	87.53206	30.66851	4.211169	65.12032	44.63278	20.48754	29.38364	7
2056.705	2058.072	1413.572	90.99307	112.4976	89.00299	88.37259	44.48507	2.909581	52.60535	28.27603	24.32932	28.79943	7
2056.71	2058.078	1413.578	90.7953	113.8268	89.20076	86.27127	41.27988	4.521529	54.19859	29.64611	24.55248	28.8583	7
2056.715	2058.083	1413.583	87.48262	60.79422	85.45546	84.08342	60.51428	0	39.48572	11.584	27.90172	30.15114	7
2056.72	2058.088	1413.588	92.06845	119.1438	90.18962	85.7274	41.02516	4.00412	54.97072	31.42617	23.54455	29.17174	7
2056.725	2058.094	1413.594	88.95355	72.43664	87.34665	84.76326	53.08651	1.257311	45.65618	22.618	23.03818	30.65832	7
2056.73	2058.099	1413.599	88.10066	69.54895	86.61737	82.51361	53.61203	1.309964	45.07801	16.07581	29.0022	30.99663	7
2056.735	2058.104	1413.604	85.76448	75.416	84.20703	81.68544	54.91626	0.967367	44.11637	27.70902	16.40735	30.65912	7
2056.74	2058.109	1413.609	84.21939	78.34952	84.10814	84.08342	44.41974	5.170745	50.40951	35.00601	15.4035	28.67183	7
2056.745	2058.115	1413.615	88.48384	98.59389	87.53206	87.35901	42.11141	5.275364	52.61322	24.7868	27.82642	28.43472	7
2056.75	2058.12	1413.62	93.63826	141.68	91.31445	88.34787	37.57582	3.863325	58.56086	28.10437	30.45648	28.54895	7
2056.755	2058.125	1413.625	93.1562	129.6403	92.16734	89.48506	30.58699	8.942291	60.47072	41.87675	18.59397	28.15558	7
2056.76	2058.131	1413.631	95.66542	168.6012	93.68771	93.16856	26.51363	7.630613	65.85576	29.56081	36.29496	27.61048	7
2056.765	2058.136	1413.636	88.11302	96.27152	86.60501	82.93387	47.32539	3.03034	49.64427	19.39782	30.24645	29.64995	7
2056.77	2058.141	1413.641	91.17848	127.0735	89.17604	85.99933	40.88291	3.875315	55.24178	28.10083	27.14095	28.761	7
2056.775	2058.146	1413.646	97.35884	162.4133	95.45529	91.79651	25.87838	7.990238	66.13138	41.2485	24.88288	28.36342	5
2056.78	2058.152	1413.652	93.42813	113.8268	91.45041	89.02771	41.82734	3.483541	54.68912	36.39776	18.29137	29.04661	5
2056.785	2058.157	1413.657	96.2711	83.5443	94.67657	91.31445	43.57051	4.001202	52.42829	35.16803	17.26026	29.8614	5
2056.79	2058.162	1413.662	98.94102	83.68181	97.72967	95.15863	38.11124	7.227087	54.66167	26.82692	27.83475	29.21404	5
2056.795	2058.167	1413.667	104.7506	99.28143	103.6752	103.0201	27.9376	12.61797	59.44443	34.43718	25.00725	28.21966	5
2056.8	2058.173	1413.673	106.0608	141.2675	103.9224	101.339	24.80998	7.345386	67.84463	49.08159	18.76304	28.9291	5
2056.805	2058.178	1413.678	103.6505	164.7357	105.4798	105.245	0	40.51466	59.48534	59.48534	0	-9999	5
2056.81	2058.183	1413.683	104.7753	99.84675	104.664	103.2178	20.30599	20.76945	58.92456	37.57672	21.34784	27.81727	5

2056.815	2058.189	1413.689	102.4515	87.05842	101.9447	97.43301	28.60414	14.49046	56.9054	23.99733	32.90807	28.78507	5
2056.82	2058.194	1413.694	101.9323	61.92485	101.2772	100.6344	36.31363	11.28716	52.39921	22.19659	30.20263	28.69767	5
2056.825	2058.199	1413.699	100.3131	59.49552	99.39836	97.2476	40.40295	8.221207	51.37584	33.51754	17.85831	29.46465	5
2056.83	2058.204	1413.704	97.95216	110.328	96.2711	92.57524	36.21285	5.876734	57.91041	22.50811	35.40231	29.13323	5
2056.835	2058.21	1413.71	96.54304	98.9453	94.08325	89.95477	46.29898	0.646863	53.05415	26.2661	26.78806	30.35805	5
2056.84	2058.215	1413.715	96.28346	65.66814	94.56532	90.05365	48.84312	2.154831	49.00205	15.36166	33.64039	30.95955	5
2056.845	2058.22	1413.72	101.3266	59.12883	100.6221	98.40951	37.93067	10.2999	51.76943	27.76326	24.00617	29.16687	5
2056.85	2058.226	1413.726	103.4156	92.20736	102.1054	98.84213	32.6978	9.45396	57.84824	34.91719	22.93104	29.04531	5
2056.855	2058.231	1413.731	102.4762	82.74981	102.3279	103.5639	26.846	16.93906	56.21494	34.32678	21.88816	27.54612	5
2056.86	2058.236	1413.736	95.91264	99.77035	94.8867	90.53572	35.56699	7.940744	56.49227	24.53186	31.96041	29.07776	5
2056.865	2058.241	1413.741	87.50734	40.88598	87.08708	86.03641	52.85589	2.938047	44.20606	28.5326	15.67346	30.63513	5
2056.87	2058.247	1413.747	86.38251	32.98686	85.80156	85.51726	57.04766	1.417211	41.53513	15.68611	25.84902	31.27851	5
2056.875	2058.252	1413.752	87.96469	45.42378	87.1118	85.7274	54.68983	1.869508	43.44066	19.54116	23.8995	30.97805	5
2056.88	2058.257	1413.757	85.59143	81.49695	86.1971	86.74098	36.83964	8.348768	54.81159	23.80407	31.00753	28.01405	9
2056.885	2058.262	1413.762	90.10309	108.5404	90.26378	91.85832	29.59304	11.03537	59.37158	32.23828	27.1333	27.38118	9
2056.89	2058.268	1413.768	87.89052	80.27465	88.17482	87.96469	37.51095	8.365917	54.12313	19.93426	34.18887	28.2705	9
2056.895	2058.273	1413.773	87.95233	63.55967	88.05121	87.60623	42.93605	6.573353	50.49059	27.04416	23.44643	28.95383	9
2056.9	2058.278	1413.778	89.29965	92.91019	89.02771	89.37381	37.46756	7.798041	54.73439	27.86446	26.86993	28.07503	9
2056.905	2058.284	1413.784	91.56166	130.1598	91.52458	91.28972	24.55198	12.49426	62.95376	29.56364	33.39012	27.5545	9
2056.91	2058.289	1413.789	94.07089	153.1849	93.44049	91.8954	21.26961	12.65831	66.07208	40.66063	25.41145	27.79152	9
2056.915	2058.294	1413.794	95.30696	109.5335	95.34404	95.59126	25.5231	13.91285	60.56404	35.87155	24.6925	27.67103	9
2056.92	2058.299	1413.799	98.61964	75.03403	98.80505	98.84213	29.67476	15.14798	55.17726	40.22149	14.95577	27.92277	9
2056.925	2058.305	1413.805	101.03	129.8084	101.2896	101.203	13.62707	21.69922	64.67371	55.75741	8.916304	27.83555	9
2056.93	2058.31	1413.81	103.0077	180.7325	103.1931	102.4515	0.058707	26.71903	73.22226	73.22226	0	-9999	9
2056.935	2058.315	1413.815	103.428	207.8371	103.3414	104.6888	0	26.82253	73.17747	73.17747	0	-9999	9
2056.94	2058.321	1413.821	104.3427	209.7011	104.5157	106.2586	0	30.12328	69.87672	69.87672	0	-9999	9
2056.945	2058.326	1413.826	102.7852	209.4108	102.5751	101.9941	0	25.31041	74.68959	74.68959	0	-9999	9
2056.95	2058.331	1413.831	101.0053	176.6073	101.1165	103.2055	3.474039	23.75985	72.76611	72.76611	0	-9999	9
2056.955	2058.336	1413.836	102.0188	168.6776	101.8334	102.7605	6.759624	22.02452	71.21585	59.62884	11.58701	-9999	9
2056.96	2058.342	1413.842	100.585	164.5676	100.5974	100.2018	7.540648	21.83888	70.62047	67.32719	3.293287	-9999	9
2056.965	2058.347	1413.847	103.5268	195.2932	103.3909	103.5021	0	25.67934	74.32066	74.32066	0	-9999	9
2056.97	2058.352	1413.852	106.926	236.1486	107.2351	107.9644	0	36.53876	63.46124	63.46124	0	-9999	9
2056.975	2058.357	1413.857	107.371	212.818	107.2103	105.9001	0	30.96443	69.03557	69.03557	0	-9999	9
2056.98	2058.363	1413.863	111.3512	225.6368	111.5242	110.6219	0	41.25786	58.74214	58.74214	0	-9999	9
2056.985	2058.368	1413.868	114.3548	217.8141	114.7133	117.0248	0	48.8675	51.1325	51.1325	0	-9999	9
2056.99	2058.373	1413.873	111.3388	281.0071	111.7344	116.6663	0	47.68451	52.31549	52.31549	0	-9999	9
2056.995	2058.379	1413.879	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2057.335	2058.737	1414.237	158.8288	262.9323	159.4468	168.9646	0	100	0	0	0	-9999	9
2057.34	2058.743	1414.243	154.7621	244.4756	155.1205	155.3925	0	100	0	0	0	-9999	9
2057.345	2058.748	1414.248	131.3138	212.9555	129.472	128.4955	0	35.66681	64.33319	64.33319	0	-9999	9
2057.35	2058.753	1414.253	129.6945	183.2841	128.5944	127.9022	0	52.10507	47.89493	47.89493	0	-9999	9
2057.355	2058.759	1414.259	134.2309	185.7745	134.132	133.5511	0	100	0	0	0	-9999	9
2057.36	2058.764	1414.264	141.9811	269.1661	141.9069	143.0688	0	100	0	0	0	-9999	9
2057.365	2058.769	1414.269	145.8747	269.5175	146.159	145.5039	0	100	0	0	0	-9999	9
2057.37	2058.774	1414.274	133.6252	291.2897	132.488	128.6562	0	68.47884	31.52116	31.52116	0	-9999	9
2057.375	2058.78	1414.28	129.4967	335.4148	127.2718	122.4264	0	31.08364	68.91636	68.91636	0	-9999	9
2057.38	2058.785	1414.285	122.4017	174.9572	120.7824	117.1731	0	26.83012	73.16988	73.16988	0	-9999	9
2057.385	2058.79	1414.29	120.8195	111.8864	120.0037	119.6452	8.09205	35.40746	56.50049	38.20466	18.29583	26.50459	9
2057.39	2058.796	1414.296	120.8937	101.9094	120.0655	117.6675	10.53406	34.63751	54.82844	49.10556	5.722878	26.68648	9
2057.395	2058.801	1414.301	123.576	93.75052	122.3152	119.9295	13.39365	30.12674	56.47961	44.16307	12.31654	26.79201	9
2057.4	2058.806	1414.306	123.5512	108.5098	122.1668	120.3251	10.80261	28.52501	60.67238	41.39276	19.27962	27.17106	9
2057.405	2058.811	1414.311	121.5982	81.98587	121.0914	119.3857	12.21666	40.80949	46.97385	38.17981	8.794033	25.51367	9
2057.41	2058.817	1414.317	120.1026	94.72836	118.8171	117.272	16.5441	24.69152	58.76437	45.52444	13.23993	27.32402	9
2057.415	2058.822	1414.322	119.5958	90.93923	118.5822	118.1125	15.81982	28.43696	55.74322	37.06819	18.67503	26.72577	9
2057.42	2058.827	1414.327	118.8418	115.9506	116.9753	116.6416	17.07066	15.13392	67.79542	49.49062	18.3048	28.30731	9
2057.425	2058.833	1414.333	116.3078	101.4816	114.6144	112.031	21.56225	14.77311	63.66464	42.06245	21.60219	28.58558	9
2057.43	2058.838	1414.338	116.1966	73.33809	115.3561	114.256	21.86542	25.04266	53.09192	29.23689	23.85503	27.10098	9
2057.435	2058.843	1414.343	116.0606	87.27232	114.8369	111.8951	21.58809	20.25891	58.153	29.98691	28.16609	28.01559	9
2057.44	2058.848	1414.348	114.2189	82.87204	112.5378	110.041	27.89181	12.0953	60.01289	31.13583	28.87706	28.81946	9
2057.445	2058.854	1414.354	112.2412	88.14321	110.9927	107.0126	25.08283	16.13715	58.78002	43.18447	15.59555	28.6366	9
2057.45	2058.859	1414.359	111.4501	89.71692	111.2647	109.015	17.19137	27.92446	54.88417	31.39983	23.48434	27.34367	9
2057.455	2058.864	1414.364	110.5354	79.38848	109.9915	109.4847	23.31045	21.83144	54.85811	27.50331	27.3548	27.44271	9
2057.46	2058.869	1414.369	113.8357	72.03939	113.0817	109.8432	23.68116	22.95832	53.36052	40.27407	13.08645	27.7642	9
2057.465	2058.875	1414.375	108.8296	97.5091	107.4452	103.1066	27.00868	12.56858	60.42274	42.22524	18.19751	29.00291	9
2057.47	2058.88	1414.38	108.1498	75.15626	107.1115	105.999	30.36124	13.92779	55.71097	26.33654	29.37443	28.36554	9
2057.475	2058.885	1414.385	107.9149	107.2264	106.1102	103.1313	28.75566	8.672219	62.57212	32.60478	29.96734	29.07909	9
2057.48	2058.891	1414.391	107.371	123.4524	105.7641	106.6294	23.79659	11.3028	64.90061	38.06235	26.83826	28.07813	9
2057.485	2058.896	1414.396	107.2722	66.11123	106.2462	104.2314	33.26174	12.70869	54.02957	35.81209	18.21748	28.75836	9
2057.49	2058.901	1414.401	104.4663	63.72774	103.8853	103.5268	32.97132	14.06185	52.96683	34.37863	18.58819	28.28548	9
2057.495	2058.906	1414.406	99.74446	46.17244	99.89279	100.0782	35.91181	13.9945	50.09369	32.37458	17.71911	28.3687	9
2057.5	2058.912	1414.412	103.6134	64.01804	103.7864	103.428	27.84219	19.43143	52.72638	34.76019	17.96619	27.71021	9
2057.505	2058.917	1414.417	106.3204	160.1215	104.4663	101.0671	17.80521	11.09806	71.09674	37.57987	33.51687	28.96981	9
2057.51	2058.922	1414.422	111.586	292.512	108.0014	104.9113	0	4.160387	95.83961	95.83961	0	-9999	9

2057.515	2058.928	1414.428	118.6935	494.6959	113.4278	109.905	0	0	100	100	0	-9999	9
2057.52	2058.933	1414.433	117.0618	575.0775	112.1546	108.0632	0	3.74144	96.25856	96.25856	0	-9999	9
2057.525	2058.938	1414.438	114.9482	499.6921	110.8197	105.7889	0	10.30538	89.69462	89.69462	0	-9999	9
2057.53	2058.943	1414.443	111.6726	446.4303	107.4205	101.7963	0	7.816233	92.18377	92.18377	0	-9999	10
2057.535	2058.949	1414.449	116.6539	533.8707	115.6033	111.0916	0	53.63875	46.36125	46.36125	0	-9999	10
2057.54	2058.954	1414.454	122.0185	570.7689	122.0679	126.1964	0	85.98593	14.01407	14.01407	0	-9999	10
2057.545	2058.959	1414.459	133.2668	490.3721	133.4769	135.5411	0	100	0	0	0	-9999	10
2057.55	2058.964	1414.464	132.5993	458.2561	132.8094	136.357	0	100	0	0	0	-9999	10
2057.555	2058.97	1414.47	134.3545	454.3142	134.1197	136.4806	0	100	0	0	0	-9999	10
2057.56	2058.975	1414.475	133.7488	505.8953	134.4287	133.4275	0	100	0	0	0	-9999	10
2057.565	2058.98	1414.48	134.9973	521.174	135.3186	138.0627	0	100	0	0	0	-9999	10
2057.57	2058.986	1414.486	134.8366	440.8841	135.1085	130.2507	0	100	0	0	0	-9999	10
2057.575	2058.991	1414.491	136.975	476.2698	136.6412	141.4743	0	100	0	0	0	-9999	10
2057.58	2058.996	1414.496	138.6437	484.5814	139.4224	142.3519	0	100	0	0	0	-9999	10
2057.585	2059.001	1414.501	137.7784	502.9006	138.1369	134.7624	0	100	0	0	0	-9999	10
2057.59	2059.007	1414.507	137.148	513.7027	136.7649	136.7031	0	100	0	0	0	-9999	10
2057.595	2059.012	1414.512	137.0492	530.0816	136.9503	130.5721	0	100	0	0	0	-9999	10
2057.6	2059.017	1414.517	135.7884	546.1854	134.9973	129.6822	0	100	0	0	0	-9999	10
2057.605	2059.023	1414.523	134.5894	519.4934	134.0702	141.2642	0	100	0	0	0	-9999	10
2057.61	2059.028	1414.528	132.451	520.5935	132.1049	130.5969	0	100	0	0	0	-9999	10
2057.615	2059.033	1414.533	125.1952	478.7296	124.4288	122.7231	0	70.07932	29.92068	29.92068	0	-9999	10
2057.62	2059.038	1414.538	126.5549	457.0185	126.4684	126.5796	0	88.93681	11.06319	11.06319	0	-9999	10
2057.625	2059.044	1414.544	130.8688	420.8078	130.3991	128.3719	0	90.35214	9.647863	9.647863	0	-9999	10
2057.63	2059.049	1414.549	127.6921	461.5105	127.519	123.7984	0	90.76813	9.231865	9.231865	0	-9999	10
2057.635	2059.054	1414.554	123.4029	434.6809	124.8862	124.0827	0	100	0	0	0	-9999	10
2057.64	2059.059	1414.559	119.3239	354.391	119.7565	119.3733	0	71.33277	28.66723	28.66723	0	-9999	9
2057.645	2059.065	1414.565	111.9321	213.0777	111.6726	108.1003	0	36.07269	63.92731	63.92731	0	-9999	9
2057.65	2059.07	1414.57	106.5058	152.6349	105.4675	103.4032	13.12387	17.82757	69.04856	53.03436	16.01419	28.52683	9
2057.655	2059.075	1414.575	106.0979	139.0368	105.2326	104.0831	15.44874	18.12105	66.43021	36.67324	29.75697	28.16686	9
2057.66	2059.081	1414.581	107.3587	179.9686	105.9496	99.62086	8.598322	16.91595	74.48573	59.51053	14.9752	29.83046	9
2057.665	2059.086	1414.586	101.4132	208.5399	99.23767	96.11041	13.09327	10.43818	76.46855	57.38308	19.08547	28.82732	9
2057.67	2059.091	1414.591	97.44537	142.0314	96.50595	96.6172	23.25913	12.02051	64.72036	44.27318	20.44718	27.66822	9
2057.675	2059.096	1414.596	96.07333	106.1874	95.02267	93.83604	34.05781	8.316777	57.62541	29.98044	27.64498	28.35491	9
2057.68	2059.102	1414.602	97.87799	136.4241	96.32054	95.81375	29.00786	8.312802	62.67934	45.46665	17.21269	27.97718	9
2057.685	2059.107	1414.607	99.15115	81.43583	98.74325	97.49481	32.23473	12.21466	55.55062	31.07039	24.48023	28.37073	9
2057.69	2059.112	1414.612	100.4861	120.8398	100.0906	99.6703	21.37502	15.97489	62.6501	32.31107	30.33903	27.82077	9
2057.695	2059.118	1414.618	106.4687	165.9274	106.3327	107.0126	2.948111	26.94514	70.10675	67.69346	2.413292	-9999	9
2057.7	2059.123	1414.623	116.3078	264.1852	114.5773	110.9927	0	25.23153	74.76847	74.76847	0	-9999	9
2057.705	2059.128	1414.628	114.7257	363.6347	109.5342	102.4885	0	0	100	100	0	-9999	9
2057.71	2059.133	1414.633	107.7295	134.7893	105.5169	105.0472	25.41728	6.74671	67.83601	42.58662	25.24939	28.69143	9
2057.715	2059.139	1414.639	106.1226	107.2111	104.9978	103.7864	25.13952	13.70847	61.15201	38.92495	22.22706	28.23562	9
2057.72	2059.144	1414.644	118.2485	240.2892	116.4562	117.2967	0	24.22755	75.77245	75.77245	0	-9999	9
2057.725	2059.149	1414.649	120.8442	301.5876	120.0161	116.827	0	48.02749	51.97251	51.97251	0	-9999	9
2057.73	2059.154	1414.654	119.8925	276.1637	119.0025	118.8912	0	43.56319	56.43681	56.43681	0	-9999	9
2057.735	2059.16	1414.66	117.272	252.0844	116.0112	115.6033	0	32.21734	67.78266	67.78266	0	-9999	9
2057.74	2059.165	1414.665	118.2732	266.1409	116.7899	117.9271	0	30.82856	69.17144	69.17144	0	-9999	9
2057.745	2059.17	1414.67	122.859	329.1963	122.2657	122.2534	0	58.5138	41.4862	41.4862	0	-9999	9
2057.75	2059.176	1414.676	117.3338	290.7855	116.6539	115.0347	0	43.87102	56.12898	56.12898	0	-9999	9
2057.755	2059.181	1414.681	112.6243	231.3358	111.3636	108.125	0	26.0058	73.9942	73.9942	0	-9999	9
2057.76	2059.186	1414.686	112.5996	245.2701	111.2399	109.4106	0	25.73906	74.26094	74.26094	0	-9999	9
2057.765	2059.191	1414.691	113.8604	302.8099	112.0681	108.6936	0	25.29408	74.70592	74.70592	0	-9999	9
2057.77	2059.197	1414.697	119.4969	372.1297	118.3968	117.4327	0	45.78588	54.21412	54.21412	0	-9999	9
2057.775	2059.202	1414.702	123.9962	397.9355	124.0951	124.9974	0	81.2063	18.7937	18.7937	0	-9999	9
2057.78	2059.207	1414.707	123.6007	434.0698	124.2187	129.4102	0	94.14255	5.857452	5.857452	0	-9999	9
2057.785	2059.213	1414.713	123.1681	384.8874	123.9468	123.1804	0	92.87414	7.125863	7.125863	0	-9999	9
2057.79	2059.218	1414.718	116.0977	350.006	115.6651	114.7504	0	49.59903	50.40097	50.40097	0	-9999	9
2057.795	2059.223	1414.723	111.9445	322.764	109.8555	107.9149	0	22.13418	77.86582	77.86582	0	-9999	9
2057.8	2059.228	1414.728	107.2969	270.5411	104.0707	100.9064	0.818591	7.107705	92.0737	92.0737	0	-9999	9
2057.805	2059.234	1414.734	109.9544	267.7757	108.0014	104.6146	0	19.00904	80.99096	80.99096	0	-9999	9
2057.81	2059.239	1414.739	117.9271	240.9462	117.0124	118.4215	0	37.71019	62.28981	62.28981	0	-9999	9
2057.815	2059.244	1414.744	123.576	276.4846	123.3164	122.2163	0	63.80637	36.19363	36.19363	0	-9999	9
2057.82	2059.249	1414.749	120.2633	294.0399	121.1162	123.1062	0	78.06688	21.93312	21.93312	0	-9999	9
2057.825	2059.255	1414.755	121.7342	315.9955	122.2163	122.4017	0	76.85974	23.14026	23.14026	0	-9999	9
2057.83	2059.26	1414.76	116.7652	371.9463	116.7281	115.183	0	58.39095	41.60905	41.60905	0	-9999	9
2057.835	2059.265	1414.765	117.6552	382.8859	117.4203	115.4797	0	57.77295	42.22705	42.22705	0	-9999	9
2057.84	2059.271	1414.771	117.3832	314.6509	117.5563	118.0136	0	59.24473	40.75527	40.75527	0	-9999	9
2057.845	2059.276	1414.776	122.3152	400.3954	123.7737	125.529	0	100	0	0	0	-9999	9
2057.85	2059.281	1414.781	120.597	308.5547	120.906	120.0408	0	69.4785	30.5215	30.5215	0	-9999	9
2057.855	2059.286	1414.786	126.011	284.781	127.4449	129.5091	0	100	0	0	0	-9999	9
2057.86	2059.292	1414.792	120.5847	267.8521	120.5105	120.9555	0	59.34691	40.65309	40.65309	0	-9999	9
2057.865	2059.297	1414.797	118.8418	310.2201	118.5204	115.7887	0	53.81751	46.18249	46.18249	0	-9999	9
2057.87	2059.302	1414.802	135.8254	255.5985	136.5053	135.158	0	100	0	0	0	-9999	9
2057.875	2059.308	1414.808	141.1529	201.7867	142.2036	143.1677	0	100	0	0	0	-9999	9

2057.88	2059.313	1414.813	135.3186	204.6897	135.6029	138.3347	0	100	0	0	0	-9999	9
2057.885	2059.318	1414.818	126.7156	222.8561	127.1729	127.791	0	87.88538	12.11462	12.11462	0	-9999	9
2057.89	2059.323	1414.823	119.1137	221.6032	119.2744	121.6971	0	56.90115	43.09885	43.09885	0	-9999	9
2057.895	2059.329	1414.829	124.1693	263.2073	124.2064	124.6761	0	71.23943	28.76057	28.76057	0	-9999	9
2057.9	2059.334	1414.834	117.3709	292.6648	116.9877	114.7998	0	48.74807	51.25193	51.25193	0	-9999	9
2057.905	2059.339	1414.839	98.11285	271.2134	94.52824	96.41943	11.88328	6.440196	81.67653	67.08242	14.59411	27.48446	9
2057.91	2059.344	1414.844	92.81009	294.3302	87.50734	81.54947	24.48315	2.35692	73.15993	47.85487	25.30506	27.08734	9
2057.915	2059.35	1414.85	92.41455	353.2146	87.24777	80.04146	9.54328	7.005761	83.45096	64.63084	18.82012	27.71844	9
2057.92	2059.355	1414.855	95.34404	257.3556	92.97078	88.37259	8.3962	11.6389	79.9649	61.1522	18.8127	28.72045	9
2057.925	2059.36	1414.86	105.381	213.3069	104.0831	104.6888	1.487799	18.891	79.6212	79.6212	0	-9999	9
2057.93	2059.366	1414.866	105.2821	177.0656	104.9236	104.3921	3.068683	24.37957	72.55175	71.57411	0.97764	-9999	9
2057.935	2059.371	1414.871	103.3785	251.4732	103.0201	105.1214	0	27.54749	72.45251	72.45251	0	-9999	9
2057.94	2059.376	1414.876	98.17465	305.1934	97.60606	97.77911	0	25.64189	74.35811	74.35811	0	-9999	9
2057.945	2059.381	1414.881	96.48123	374.6965	92.61232	89.68283	0	12.38012	87.61988	87.61988	0	-9999	9
2057.95	2059.387	1414.887	104.6888	340.3498	101.8705	99.81863	0	15.22561	84.77439	84.77439	0	-9999	9
2057.955	2059.392	1414.892	119.4969	260.1363	119.3857	120.5476	0	55.55165	44.44835	44.44835	0	-9999	9
2057.96	2059.397	1414.897	122.241	292.1912	122.377	121.5117	0	69.60286	30.39714	30.39714	0	-9999	9
2057.965	2059.403	1414.903	122.1297	286.3852	122.5747	119.3733	0	75.34827	24.65173	24.65173	0	-9999	9
2057.97	2059.408	1414.908	123.6254	261.9698	124.1445	124.812	0	80.35757	19.64243	19.64243	0	-9999	10
2057.975	2059.413	1414.913	123.9097	260.0446	124.5648	124.5648	0	84.392	15.608	15.608	0	-9999	10
2057.98	2059.418	1414.918	124.4659	300.7167	125.3065	126.5054	0	93.70383	6.296168	6.296168	0	-9999	10
2057.985	2059.424	1414.924	126.0481	287.195	127.0864	130.3002	0	100	0	0	0	-9999	10
2057.99	2059.429	1414.929	126.3324	278.425	127.1853	126.2088	0	100	0	0	0	-9999	10
2057.995	2059.434	1414.934	124.3423	293.6732	125.0963	126.7897	0	90.65513	9.344869	9.344869	0	-9999	10
2058	2059.439	1414.939	120.6465	327.2712	121.3634	124.6266	0	78.88636	21.11364	21.11364	0	-9999	10
2058.005	2059.445	1414.945	119.8677	333.0466	120.3127	122.7478	0	71.65195	28.34805	28.34805	0	-9999	10
2058.01	2059.45	1414.95	124.0333	333.0924	125.6526	132.451	0	100	0	0	0	-9999	10
2058.015	2059.455	1414.955	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2058.38	2059.841	1415.341	108.7925	77.34112	108.3352	109.2746	24.73877	20.54314	54.71809	34.46375	20.25434	27.29598	9
2058.385	2059.846	1415.346	110.659	75.88964	110.0533	108.3228	24.52242	21.04992	54.42765	29.11841	25.30925	27.72402	9
2058.39	2059.851	1415.351	111.2152	107.6848	110.5107	111.9939	17.08264	22.72873	60.18864	35.36553	24.82311	27.18995	9
2058.395	2059.856	1415.356	115.764	115.8589	115.183	111.858	9.961689	31.0651	58.97321	41.49345	17.47976	27.6407	9
2058.4	2059.862	1415.362	116.1719	142.1537	115.2325	113.1188	6.001159	28.2067	65.79214	54.18949	11.60265	-9999	9
2058.405	2059.867	1415.367	123.0815	159.5715	122.4758	121.7836	0	47.30048	52.69952	52.69952	0	-9999	9
2058.41	2059.872	1415.372	125.8132	124.9956	125.6155	124.6884	0	61.3841	38.6159	38.6159	0	-9999	9
2058.415	2059.878	1415.378	129.8428	190.3887	129.4226	129.9912	0	72.76594	27.23406	27.23406	0	-9999	9
2058.42	2059.883	1415.383	129.1383	197.2642	127.9517	128.3843	0	49.34984	50.65016	50.65016	0	-9999	9
2058.425	2059.888	1415.388	130.535	169.029	129.9665	127.8404	0	69.17815	30.82185	30.82185	0	-9999	9
2058.43	2059.893	1415.393	133.7983	170.618	133.3657	131.3261	0	85.83661	14.16339	14.16339	0	-9999	9
2058.435	2059.899	1415.399	141.1529	167.3331	141.2394	140.572	0	100	0	0	0	-9999	9
2058.44	2059.904	1415.404	141.9934	149.9611	142.3395	140.1146	0	100	0	0	0	-9999	9
2058.445	2059.909	1415.409	135.5535	172.8793	135.949	135.1703	0	100	0	0	0	-9999	9
2058.45	2059.914	1415.414	132.2532	167.9595	132.7476	132.0431	0	100	0	0	0	-9999	9
2058.455	2059.92	1415.42	130.9306	178.8991	131.0171	130.4238	0	91.86135	8.138645	8.138645	0	-9999	9
2058.46	2059.925	1415.425	125.4424	159.5715	125.2941	123.4523	0	63.78989	36.21011	36.21011	0	-9999	9
2058.465	2059.93	1415.43	115.6898	103.3456	115.1459	113.7739	12.77075	30.64299	56.58625	46.56392	10.02233	27.04841	9
2058.47	2059.936	1415.436	107.4205	92.17681	106.926	104.664	22.6982	19.64074	57.66106	34.88878	22.77228	27.98659	9
2058.475	2059.941	1415.441	112.3524	122.5816	111.6231	111.0916	12.62299	24.80552	62.57149	38.69673	23.87476	27.65748	9
2058.48	2059.946	1415.446	113.8728	153.2002	112.0063	110.3871	12.62774	14.2808	73.09146	45.69424	27.39721	28.97715	9
2058.485	2059.951	1415.451	111.0175	131.8252	109.5465	109.4106	17.36193	15.54971	67.08836	40.83258	26.25578	28.18251	9
2058.49	2059.957	1415.457	104.9854	132.1613	103.0324	97.6555	26.56609	7.889624	65.54429	33.45434	32.08994	29.34215	9
2058.495	2059.962	1415.462	101.0794	101.7413	99.39836	93.77423	35.41374	6.385349	58.20091	21.45933	36.74158	29.64963	9
2058.5	2059.967	1415.467	104.1943	150.4042	102.8346	95.09683	18.28093	13.43954	68.27953	52.49226	15.78727	29.48184	9
2058.505	2059.973	1415.473	102.6369	183.7425	100.1895	93.66299	20.07594	7.156685	72.76737	50.68454	22.08284	29.38228	9
2058.51	2059.978	1415.478	98.13757	242.8255	94.33046	86.14766	20.45474	3.371318	76.17394	43.1997	32.97424	29.01134	9
2058.515	2059.983	1415.483	94.82489	191.7638	91.15376	89.78172	34.80557	1.28397	63.91046	39.89665	24.01381	27.79022	9
2058.52	2059.988	1415.488	94.65184	159.8312	92.43927	91.49986	31.38858	5.725919	62.8855	36.75137	26.13413	27.75912	9
2058.525	2059.994	1415.494	93.34161	199.2504	91.01779	89.43562	23.91671	7.715464	68.36783	36.33142	32.03641	27.35178	9
2058.53	2059.999	1415.499	96.38235	287.6381	92.85954	90.94362	9.021591	8.163517	82.81489	61.6601	21.15479	28.09855	9
2058.535	2060.004	1415.504	98.03868	342.5041	93.37869	87.16124	3.033376	5.86162	91.105	91.105	0	-9999	9
2058.54	2060.009	1415.509	102.4391	354.3146	98.61964	91.47514	0	9.613784	90.38622	90.38622	0	-9999	9
2058.545	2060.015	1415.515	123.1062	341.4805	121.9814	117.9395	0	48.88097	51.11903	51.11903	0	-9999	10
2058.55	2060.02	1415.52	135.467	247.6688	135.9614	137.3334	0	100	0	0	0	-9999	10
2058.555	2060.025	1415.525	141.4372	355.3536	141.8328	140.7203	0	100	0	0	0	-9999	10
2058.56	2060.031	1415.531	142.253	429.5014	142.9205	144.5027	0	100	0	0	0	-9999	10
2058.565	2060.036	1415.536	145.1331	427.5305	145.9612	145.6893	0	100	0	0	0	-9999	10
2058.57	2060.041	1415.541	144.8117	408.5084	145.4915	145.4792	0	100	0	0	0	-9999	10
2058.575	2060.046	1415.546	147.2962	354.6202	149.1874	150.7572	0	100	0	0	0	-9999	10
2058.58	2060.052	1415.552	143.7116	335.7051	144.2925	142.525	0	100	0	0	0	-9999	10
2058.585	2060.057	1415.557	145.0713	374.8493	146.3197	146.3691	0	100	0	0	0	-9999	10
2058.59	2060.062	1415.562	144.6016	349.3949	144.515	145.4297	0	100	0	0	0	-9999	10
2058.595	2060.068	1415.568	141.9687	382.3512	142.4755	140.9428	0	100	0	0	0	-9999	10
2058.6	2060.073	1415.573	141.9316	371.7171	142.5497	140.8068	0	100	0	0	0	-9999	10

2058.605	2060.078	1415.578	139.2494	364.857	139.5831	137.4571	0	100	0	0	0	-9999	10
2058.61	2060.083	1415.583	138.4706	362.229	139.3853	142.834	0	100	0	0	0	-9999	10
2058.615	2060.089	1415.589	135.1456	359.5858	135.2198	138.3594	0	100	0	0	0	-9999	10
2058.62	2060.094	1415.594	133.2668	370.4796	133.8972	134.2309	0	100	0	0	0	-9999	10
2058.625	2060.099	1415.599	132.5251	337.89	133.7488	134.0579	0	100	0	0	0	-9999	10
2058.63	2060.104	1415.604	130.0035	305.5448	130.8935	132.3892	0	100	0	0	0	-9999	10
2058.635	2060.11	1415.61	123.0444	237.0501	122.822	123.6378	0	60.54081	39.45919	39.45919	0	-9999	10
2058.64	2060.115	1415.615	121.7466	163.3759	121.7218	120.906	0	56.23835	43.76165	43.76165	0	-9999	10
2058.645	2060.12	1415.62	127.7292	179.9839	127.9393	126.7774	0	82.34334	17.65666	17.65666	0	-9999	10
2058.65	2060.126	1415.626	129.163	314.6968	129.7192	129.1136	0	100	0	0	0	-9999	10
2058.655	2060.131	1415.631	128.3101	342.8861	129.299	128.4584	0	100	0	0	0	-9999	10
2058.66	2060.136	1415.636	126.4189	328.5852	127.2842	128.6068	0	100	0	0	0	-9999	10
2058.665	2060.141	1415.641	125.838	356.0564	126.5796	130.7205	0	100	0	0	0	-9999	10
2058.67	2060.147	1415.647	127.9764	313.8412	128.4461	129.8428	0	99.63629	0.363709	0.363709	0	-9999	10
2058.675	2060.152	1415.652	124.9233	316.1024	125.6773	125.1087	0	94.49258	5.507418	5.507418	0	-9999	10
2058.68	2060.157	1415.657	121.4746	289.5938	121.8207	122.0679	0	71.49128	28.50872	28.50872	0	-9999	10
2058.685	2060.163	1415.663	118.8171	374.1923	118.5822	119.5216	0	59.57448	40.42552	40.42552	0	-9999	10
2058.69	2060.168	1415.668	120.5847	304.8267	121.3387	122.1297	0	77.90495	22.09505	22.09505	0	-9999	10
2058.695	2060.173	1415.673	122.5006	337.126	123.5883	126.4807	0	93.98608	6.013923	6.013923	0	-9999	10
2058.7	2060.178	1415.678	122.4511	302.8099	123.0815	123.0321	0	81.48067	18.51933	18.51933	0	-9999	10
2058.705	2060.184	1415.684	120.5229	276.3012	120.9555	120.9184	0	69.48518	30.51482	30.51482	0	-9999	10
2058.71	2060.189	1415.689	118.7553	254.7276	119.67	120.0531	0	71.72791	28.27209	28.27209	0	-9999	10
2058.715	2060.194	1415.694	115.7022	261.4656	116.3078	119.0148	0	58.53499	41.46501	41.46501	0	-9999	10
2058.72	2060.2	1415.7	104.936	318.5012	103.737	103.4032	0	26.52675	73.47325	73.47325	0	-9999	10
2058.725	2060.205	1415.705	98.39715	230.7705	95.78903	90.43683	13.84105	8.914598	77.24435	58.43902	18.80533	28.84357	10
2058.73	2060.21	1415.71	96.85205	200.1213	94.14505	89.78172	23.44601	6.24242	70.31157	37.82492	32.48665	28.26263	10
2058.735	2060.215	1415.715	91.94484	146.7373	90.14018	88.40967	33.88649	6.150283	59.96323	26.72325	33.23998	27.86467	10
2058.74	2060.221	1415.721	89.4727	123.4677	87.81636	88.32315	40.64255	4.633388	54.72406	36.93139	17.79268	27.93368	10
2058.745	2060.226	1415.726	92.57524	129.457	90.99307	88.91646	35.76403	6.080551	58.15542	28.12917	30.02625	28.24056	10
2058.75	2060.231	1415.731	92.95842	108.189	91.98193	90.06601	35.86438	7.470094	56.66553	24.5455	32.12003	28.41252	10
2058.755	2060.236	1415.736	99.29948	90.75588	98.94102	98.86685	29.45963	13.27237	57.268	22.97259	34.29541	27.96042	10
2058.76	2060.242	1415.742	106.9013	116.2409	106.1597	104.1325	19.26823	18.41054	62.32123	32.13521	30.18602	28.12366	10
2058.765	2060.247	1415.747	99.62086	143.3912	98.76797	95.52946	20.25803	13.86422	65.87774	35.27247	30.60528	28.36936	10
2058.77	2060.252	1415.752	91.35153	144.2316	89.68283	88.13774	33.98497	6.408127	59.6069	22.42702	37.17988	27.80884	10
2058.775	2060.258	1415.758	87.75456	146.9665	85.02283	82.14278	44.87077	2.306437	52.8228	29.04814	23.77465	28.47746	10
2058.78	2060.263	1415.763	92.35275	160.1673	90.44919	88.07593	31.02751	6.725397	62.24709	36.19765	26.04944	27.78529	10
2058.785	2060.268	1415.768	96.74081	216.9432	95.2946	92.90898	9.70629	13.95247	76.34124	61.92808	14.41317	28.48259	10
2058.79	2060.273	1415.773	103.1189	268.9827	102.5256	101.6357	0	26.66397	73.33603	73.33603	0	-9999	10
2058.795	2060.279	1415.779	110.9309	288.509	110.8691	114.0953	0	42.02305	57.97695	57.97695	0	-9999	10
2058.8	2060.284	1415.784	115.6774	275.9651	115.4673	111.3017	0	47.16113	52.83887	52.83887	0	-9999	10
2058.805	2060.289	1415.789	116.3202	292.3287	116.2831	112.9086	0	52.10834	47.89166	47.89166	0	-9999	10
2058.81	2060.295	1415.795	116.1842	317.9053	116.1472	114.3054	0	53.56121	46.43879	46.43879	0	-9999	10
2058.815	2060.3	1415.8	118.3474	341.4346	119.2003	120.6094	0	75.21688	24.78312	24.78312	0	-9999	10
2058.82	2060.305	1415.805	120.3127	359.3108	120.9184	119.0272	0	77.81395	22.18605	22.18605	0	-9999	10
2058.825	2060.31	1415.81	120.288	352.4506	120.7083	121.5982	0	73.70122	26.29878	26.29878	0	-9999	10
2058.83	2060.316	1415.816	120.6712	343.9251	121.5117	121.0667	0	82.55162	17.44838	17.44838	0	-9999	10
2058.835	2060.321	1415.821	122.7725	331.427	123.5018	120.7577	0	86.70682	13.29318	13.29318	0	-9999	10
2058.84	2060.326	1415.826	124.3547	326.0642	124.812	123.9839	0	85.8506	14.1494	14.1494	0	-9999	10
2058.845	2060.331	1415.831	123.576	319.8916	124.0333	126.4313	0	82.69047	17.30953	17.30953	0	-9999	10
2058.85	2060.337	1415.837	123.1557	274.0094	123.9468	126.5673	0	85.62233	14.37767	14.37767	0	-9999	10
2058.855	2060.342	1415.842	121.9073	288.6006	122.1792	124.2434	0	71.20076	28.79924	28.79924	0	-9999	10
2058.86	2060.347	1415.847	120.6341	295.5372	120.9555	123.3782	0	68.94496	31.05504	31.05504	0	-9999	10
2058.865	2060.353	1415.853	122.3893	270.9231	122.6736	124.2805	0	71.72602	28.27398	28.27398	0	-9999	10
2058.87	2060.358	1415.858	120.906	202.7492	120.8813	118.1372	0	56.70615	43.29385	43.29385	0	-9999	10
2058.875	2060.363	1415.863	123.1186	152.5891	123.5883	125.121	0	70.10918	29.89082	29.89082	0	-9999	10
2058.88	2060.368	1415.868	125.0098	232.4053	125.6031	127.6056	0	85.24138	14.75862	14.75862	0	-9999	10
2058.885	2060.374	1415.874	126.4684	285.224	127.0988	128.3966	0	95.65221	4.347792	4.347792	0	-9999	10
2058.89	2060.379	1415.879	124.3052	301.939	125.3065	124.5401	0	96.99904	3.000961	3.000961	0	-9999	10
2058.895	2060.384	1415.884	125.2447	293.444	125.9739	129.3237	0	93.66025	6.339751	6.339751	0	-9999	10
2058.9	2060.39	1415.89	125.2447	267.2409	125.4177	125.8009	0	78.19744	21.80256	21.80256	0	-9999	10
2058.905	2060.395	1415.895	124.8615	277.6305	125.6402	129.3113	0	92.25187	7.748131	7.748131	0	-9999	10
2058.91	2060.4	1415.9	122.9456	288.3409	123.2299	121.7589	0	74.63441	25.36559	25.36559	0	-9999	10
2058.915	2060.405	1415.905	123.1928	267.0576	123.6748	122.4017	0	78.3627	21.6373	21.6373	0	-9999	10
2058.92	2060.411	1415.911	122.8838	245.759	123.0568	124.3918	0	69.15836	30.84164	30.84164	0	-9999	10
2058.925	2060.416	1415.916	120.6959	267.3479	120.5599	122.4017	0	58.40892	41.59108	41.59108	0	-9999	10
2058.93	2060.421	1415.921	120.6959	241.099	120.6341	121.4375	0	58.05206	41.94794	41.94794	0	-9999	10
2058.935	2060.426	1415.926	121.4499	200.9005	121.8578	122.4264	0	66.68434	33.31566	33.31566	0	-9999	10
2058.94	2060.432	1415.932	120.7083	202.4895	120.5723	120.9678	0	54.06088	45.93912	45.93912	0	-9999	10
2058.945	2060.437	1415.937	120.0161	196.2711	119.6823	118.1372	0	48.37252	51.62748	51.62748	0	-9999	10
2058.95	2060.442	1415.942	117.3091	195.2779	117.3585	119.1632	0	49.00486	50.99514	50.99514	0	-9999	10
2058.955	2060.448	1415.948	117.7664	184.6286	117.9395	120.1397	0	51.35815	48.64185	48.64185	0	-9999	10
2058.96	2060.453	1415.953	115.3313	149.4263	115.5044	117.2967	0	43.60619	56.39381	56.39381	0	-9999	10
2058.965	2060.458	1415.958	114.7875	199.556	115.6898	115.2325	0	56.56631	43.43369	43.43369	0	-9999	10

2058.97	2060.463	1415.963	111.1287	173.9029	110.9309	113.2547	0	32.9854	67.0146	67.0146	0	-9999	10
2058.975	2060.469	1415.969	111.3512	191.1221	111.7097	109.151	0	41.1859	58.8141	58.8141	0	-9999	10
2058.98	2060.474	1415.974	114.8987	168.1428	115.6156	116.9259	0	51.96065	48.03935	48.03935	0	-9999	10
2058.985	2060.479	1415.979	113.057	144.3538	112.7727	112.1299	3.257266	32.83233	63.9104	62.04105	1.869349	-9999	10
2058.99	2060.485	1415.985	106.8395	148.7999	106.1473	103.3538	11.06261	21.00845	67.92894	50.65259	17.27634	28.58359	10
2058.995	2060.49	1415.99	111.2647	180.7173	111.8209	112.5625	0	42.74791	57.25209	57.25209	0	-9999	10
2059	2060.495	1415.995	116.8888	178.2115	117.8653	124.9727	0	62.01824	37.98176	37.98176	0	-9999	10
2059.005	2060.5	1416	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2059.31	2060.822	1416.322	119.7688	43.71255	119.707	119.2497	19.7132	42.4738	37.813	22.80898	15.00402	24.6565	-9999
2059.315	2060.828	1416.328	116.209	38.38026	115.3437	114.6391	30.50543	22.33745	47.15712	30.92747	16.22965	27.33393	-9999
2059.32	2060.833	1416.333	116.3696	50.11436	116.3202	115.4673	21.19543	35.66834	43.13623	19.69807	23.43816	25.77753	-9999
2059.325	2060.838	1416.338	114.5279	41.9555	114.3548	114.4537	25.82224	29.84216	44.3356	25.8833	18.4523	26.30982	-9999
2059.33	2060.843	1416.343	113.1435	35.67592	112.5502	110.7208	31.8726	21.65805	46.46934	22.45416	24.01519	27.75855	-9999
2059.335	2060.849	1416.349	110.968	26.23364	110.4365	109.5712	35.6801	18.92048	45.39941	16.05867	29.34075	28.12617	-9999
2059.34	2060.854	1416.354	111.0669	35.24812	110.5601	109.7196	33.21603	19.93898	46.84498	32.14849	14.6965	27.86436	-9999
2059.345	2060.859	1416.359	109.5712	33.88831	109.3117	108.5947	33.00519	20.67161	46.3232	20.73887	25.58433	27.78406	-9999
2059.35	2060.865	1416.365	108.1868	46.64608	108.2486	107.4699	28.70077	23.04868	48.25054	33.85265	14.3979	27.43245	-9999
2059.355	2060.87	1416.37	107.2722	47.02805	107.334	105.6035	29.44986	21.8272	48.72294	31.62381	17.09913	27.75718	-9999
2059.36	2060.875	1416.375	105.7641	43.42226	105.999	105.8507	30.36869	21.23241	48.39891	34.84755	13.55136	27.5769	-9999
2059.365	2060.88	1416.38	104.6393	43.33059	104.6888	105.863	32.86265	18.18365	48.9537	25.53353	23.42017	27.70078	-9999
2059.37	2060.886	1416.386	104.7629	47.60864	104.2685	103.9348	35.92865	13.96729	50.10406	30.49794	19.60612	28.48555	-9999
2059.375	2060.891	1416.391	102.9583	47.30307	102.0436	100.8569	40.91994	9.124099	49.95596	17.23858	32.71738	29.39415	-9999
2059.38	2060.896	1416.396	101.7593	44.56817	101.8211	100.5603	35.117	15.24004	49.64295	28.44111	21.20184	28.50001	-9999
2059.385	2060.901	1416.401	104.664	45.20987	103.5763	102.6987	41.19832	8.807344	49.99434	18.10796	31.88638	29.44694	-9999
2059.39	2060.907	1416.407	104.5033	51.52001	103.292	101.2772	40.77706	8.127436	51.09551	34.91359	16.18192	29.64292	-9999
2059.395	2060.912	1416.412	104.4663	33.39939	103.8729	103.5021	40.40658	11.91246	47.68096	25.55732	22.12364	29.0594	-9999
2059.4	2060.917	1416.417	103.3044	43.57505	102.5627	99.92988	40.16257	10.44986	49.38757	21.84842	27.53915	29.51276	-9999
2059.405	2060.923	1416.423	103.6999	52.19227	102.9212	101.3637	38.00069	11.04868	50.95063	21.71675	29.23388	29.06098	-9999
2059.41	2060.928	1416.428	103.7246	37.67744	102.8223	101.5862	42.44849	9.115481	48.43603	26.11173	22.3243	29.61909	-9999
2059.415	2060.933	1416.433	101.6851	35.04949	101.0547	99.57141	42.85331	9.464902	47.68179	26.09487	21.58692	29.64171	-9999
2059.42	2060.938	1416.438	102.5133	45.98909	102.5504	102.6492	34.27105	15.92183	49.80713	26.10839	23.69874	28.14677	-9999
2059.425	2060.944	1416.444	102.1424	51.8867	102.2661	102.5009	32.51441	16.5962	50.88939	21.65034	29.23905	27.96732	-9999
2059.43	2060.949	1416.449	101.1165	36.54681	101.2772	101.5862	36.88314	14.77501	48.34185	17.66355	30.6783	28.38767	-9999
2059.435	2060.954	1416.454	101.7345	32.92574	101.8952	102.6987	37.19085	15.16794	47.64121	17.5078	30.13342	28.30494	-9999
2059.44	2060.96	1416.46	100.3872	29.31996	100.0658	99.59614	43.03901	10.22523	46.73576	23.23686	23.49889	29.42203	-9999
2059.445	2060.965	1416.465	100.2389	40.85543	100.0164	100.8322	39.61753	11.55635	48.82613	34.14505	14.68107	28.70013	-9999
2059.45	2060.97	1416.47	98.9163	41.09989	98.47131	97.72967	42.49948	9.085926	48.41459	15.57555	32.83905	29.38968	-9999
2059.455	2060.975	1416.475	94.73837	51.5964	93.74951	91.35153	48.01803	4.348671	47.6333	23.94322	23.69008	30.35993	-9999
2059.46	2060.981	1416.481	94.18214	35.53841	93.42813	90.84474	50.59567	4.166641	45.23768	31.93981	13.29787	30.88774	-9999
2059.465	2060.986	1416.486	91.93248	30.74088	91.4875	89.50978	51.43147	4.168448	44.40009	22.96823	21.43186	30.85067	-9999
2059.47	2060.991	1416.491	89.76935	20.82496	89.55922	88.73105	54.00108	3.40808	42.59084	21.69328	20.89756	31.0967	-9999
2059.475	2060.996	1416.496	90.52336	34.7592	90.65933	90.04129	47.25303	6.198158	46.54881	20.60543	25.94338	29.85789	-9999
2059.48	2061.002	1416.502	92.03137	24.99606	92.05609	90.33795	49.0905	5.956505	44.95299	33.03366	11.91933	30.45782	-9999
2059.485	2061.007	1416.507	91.36389	20.84024	91.25264	90.46156	51.76405	4.67313	43.56282	19.83374	23.72909	30.74752	-9999
2059.49	2061.012	1416.512	91.52458	22.88759	92.10553	93.10675	45.75619	8.025393	46.21841	15.54783	30.67058	29.46346	-9999
2059.495	2061.018	1416.518	90.54808	23.98767	90.98071	92.16734	47.5379	6.763566	45.69853	33.17826	12.52028	29.65937	-9999
2059.5	2061.023	1416.523	89.96713	22.5209	90.70877	92.76065	46.03244	7.600926	46.36663	18.09016	28.27646	29.29519	-9999
2059.505	2061.028	1416.528	87.48262	28.29628	87.76692	87.71747	50.46499	4.636365	44.89864	16.36916	28.52949	30.20172	-9999
2059.51	2061.033	1416.533	86.95111	35.88983	87.09944	88.19954	50.17009	4.380021	45.44988	26.03447	19.41541	29.83539	-9999
2059.515	2061.039	1416.539	85.12172	55.7675	85.81392	85.90045	42.82772	6.649598	50.52268	20.55276	29.96992	28.8361	-9999
2059.52	2061.044	1416.544	80.3134	105.9277	81.7596	82.43944	29.26908	9.734174	60.99675	39.8428	21.15395	27.33501	6
2059.525	2061.049	1416.549	81.93265	113.781	81.92029	84.02161	37.18276	6.982875	55.83437	21.01647	34.8179	27.08869	6
2059.53	2061.055	1416.555	80.75838	96.66876	81.56183	82.7979	36.08173	7.577417	56.34085	36.2115	20.12936	27.45338	6
2059.535	2061.06	1416.56	81.09212	140.9161	81.63599	83.82384	27.07855	10.00587	62.91558	33.09763	29.81795	26.53448	6
2059.54	2061.065	1416.565	82.48888	117.3562	82.42708	82.60013	36.189	7.290086	56.52091	38.07229	18.44862	27.37527	6
2059.545	2061.07	1416.57	82.92151	57.2801	83.11928	84.08342	48.3177	4.151469	47.53084	18.28734	29.24349	29.15322	6
2059.55	2061.076	1416.576	81.95737	75.73685	81.45058	79.23801	50.19852	3.075049	46.72643	18.55964	28.16679	29.6167	6
2059.555	2061.081	1416.581	79.36162	101.3288	79.79424	80.39992	39.1129	6.352977	54.53413	24.0301	30.50403	27.54953	6
2059.56	2061.086	1416.586	81.90793	86.92091	80.6595	77.27266	53.28521	1.858281	44.85651	15.84096	29.01556	30.05594	6
2059.565	2061.091	1416.591	82.01918	81.16081	81.25281	84.91159	50.84077	2.762546	46.39668	19.58288	26.8138	28.52537	6
2059.57	2061.097	1416.597	79.65828	67.54743	79.17621	76.37032	54.10394	1.934157	43.96191	13.19548	30.76643	30.27428	6
2059.575	2061.102	1416.602	80.59769	126.4929	79.84369	79.43578	41.08237	5.490655	53.42697	26.20978	27.21719	27.44598	6
2059.58	2061.107	1416.607	80.83255	96.79099	79.49759	76.81531	52.55657	2.103664	45.33977	25.54044	19.79933	29.564	6
2059.585	2061.113	1416.613	82.56305	103.4373	80.25159	76.48157	56.92397	0.335334	42.7407	25.7835	16.9572	30.45946	6
2059.59	2061.118	1416.618	80.96851	103.0247	79.26273	77.47043	53.79678	1.644775	44.55844	14.92891	29.62953	29.46988	6
2059.595	2061.123	1416.623	80.0291	75.09514	78.92899	78.53345	56.72602	1.053217	42.22076	17.31372	24.90705	30.12063	6
2059.6	2061.128	1416.628	79.01552	65.2709	78.2986	76.98836	57.06631	1.06676	41.86693	29.75893	12.108	30.46511	6
2059.605	2061.134	1416.634	78.0761	76.4244	77.97722	78.60761	50.44165	2.984193	46.57416	32.61522	13.95894	28.89086	6
2059.61	2061.139	1416.639	79.89313	43.92646	80.05382	79.81897	54.62277	1.992676	43.38455	13.28967	30.09488	30.32603	6
2059.615	2061.144	1416.644	79.29982	50.2977	79.75716	79.83133	51.32769	2.946365	45.72595	30.11812	15.60783	29.65858	6
2059.62	2061.15	1416.65	79.42342	59.14411	78.81775	79.53467	57.31156	1.011298	41.67714	27.54173	14.13541	30.27463	6
2059.625	2061.155	1416.655	81.22809	63.16243	80.36284	79.7448	56.69055	1.089746	42.21971	19.024	23.19571	30.45715	6
2059.63	2061.16	1416.66	81.24045	44.01813	81.37642	81.20337	53.55265	2.422191	44.02516	17.5112	26.51396	30.2135	6

2059.635	2061.165	1416.665	78.7683	52.07004	78.48401	77.06252	57.13551	1.112692	41.7518	12.28561	29.46619	30.73578	6
2059.64	2061.171	1416.671	78.38512	58.0746	78.61998	79.02788	52.01152	2.610419	45.37806	24.5838	20.79426	29.49866	6
2059.645	2061.176	1416.676	77.34682	45.17932	76.74114	76.33324	62.60152	0	37.39848	12.58162	24.81686	31.00814	6
2059.65	2061.181	1416.681	74.99828	24.50714	74.86231	74.49149	66.12461	0	33.87539	18.31517	15.56022	30.64281	6
2059.655	2061.186	1416.686	74.28136	53.90349	73.89818	73.13181	61.58617	0	38.41383	18.31332	20.10051	30.99396	6
2059.66	2061.192	1416.692	74.269	46.47801	73.79929	73.78693	64.06508	0	35.93492	24.06728	11.86764	30.57872	6
2059.665	2061.197	1416.697	73.56444	61.54288	73.81165	74.36788	55.51143	1.434272	43.0543	31.1963	11.858	29.63434	6
2059.67	2061.202	1416.702	73.83637	73.01723	73.49027	73.28014	57.08265	1.191199	41.72615	16.36238	25.36377	29.77678	6
2059.675	2061.208	1416.708	73.84873	63.42217	73.7004	72.89696	57.86055	0.906095	41.23336	24.00722	17.22614	30.21945	6
2059.68	2061.213	1416.713	74.09595	54.20907	74.03414	73.6386	59.19211	0.502299	40.30559	9.657999	30.64759	30.57927	6
2059.685	2061.218	1416.718	73.95998	90.35863	73.99706	73.28014	49.80264	3.092685	47.10467	18.45859	28.64608	28.55005	6
2059.69	2061.223	1416.723	71.41367	59.84693	70.72147	69.99218	65.18102	0	34.81898	15.31863	19.50034	30.45072	6
2059.695	2061.229	1416.729	75.78937	56.91341	76.0613	76.84003	54.39323	1.793946	43.81282	26.18241	17.63041	29.64876	6
2059.7	2061.234	1416.734	74.54093	35.41618	74.65218	75.38146	61.98946	0	38.01054	15.45528	22.55525	30.8527	6
2059.705	2061.239	1416.739	72.78571	22.39867	72.82279	72.87224	67.32928	0	32.67072	23.28498	9.385735	30.25452	6
2059.71	2061.245	1416.745	72.48905	36.54681	72.90932	72.78571	61.20869	0	38.79131	14.59383	24.19748	30.86738	6
2059.715	2061.25	1416.75	71.6856	26.08086	72.01934	72.22948	65.15119	0	34.84881	11.85198	22.99682	30.29196	6
2059.72	2061.255	1416.755	70.48661	56.28698	69.88094	68.36057	66.22485	0	33.77515	18.84446	14.93069	30.47875	6
2059.725	2061.26	1416.76	69.33707	52.68119	69.48539	68.48418	62.3115	0	37.6885	17.13362	20.55488	30.55625	6
2059.73	2061.266	1416.766	68.70667	80.53439	69.46067	69.07749	51.45701	2.317992	46.225	30.3956	15.8294	28.5981	6
2059.735	2061.271	1416.771	66.70423	58.5788	67.84142	69.59664	55.64284	0.888747	43.46841	20.74586	22.72256	29.13425	6
2059.74	2061.276	1416.776	70.59786	33.36883	70.8698	70.94396	64.86721	0	35.13279	19.28412	15.84868	30.21307	6
2059.745	2061.281	1416.781	75.38146	25.65305	75.67812	76.33324	62.14192	0	37.85808	13.12048	24.7376	31.06318	6
2059.75	2061.287	1416.787	79.18857	22.36812	78.91663	78.22443	63.84094	0	36.15906	22.85896	13.3001	31.43223	6
2059.755	2061.292	1416.792	79.00316	27.30316	78.90427	78.37276	61.4761	0	38.5239	7.76296	30.76094	31.76856	6
2059.76	2061.297	1416.797	80.80782	51.18387	80.52353	79.69536	55.4736	1.653856	42.87254	29.83234	13.0402	30.48375	6
2059.765	2061.303	1416.803	78.27387	51.32138	78.73122	78.96608	52.02382	2.637873	45.33831	30.63709	14.70122	29.65461	6
2059.77	2061.308	1416.808	76.81531	58.89965	77.00072	76.6917	53.63927	2.054275	44.30646	26.22042	18.08604	29.75543	6
2059.775	2061.313	1416.813	75.5916	46.06548	75.90061	77.85361	56.91299	1.078779	42.00823	27.55348	14.45475	30.02378	6
2059.78	2061.318	1416.818	76.03658	46.87526	76.29616	75.9377	56.69082	1.164654	42.14452	13.46174	28.68278	30.42142	6
2059.785	2061.324	1416.824	75.57924	81.13026	76.02422	76.76587	47.38494	3.72033	48.89473	30.04366	18.85107	28.31955	6
2059.79	2061.329	1416.829	75.08481	82.85676	75.19605	76.03658	50.00848	3.021099	46.97042	30.33115	16.63927	28.5068	6
2059.795	2061.334	1416.834	75.67812	91.04618	75.64104	77.22321	48.63034	3.437294	47.93236	25.01167	22.92069	28.0857	6
2059.8	2061.34	1416.84	75.07245	65.71398	75.22077	75.38146	53.88102	1.933717	44.18526	19.71611	24.46915	29.46953	6
2059.805	2061.345	1416.845	72.98348	60.18307	72.71155	72.98348	60.3984	0.275799	39.3258	14.9174	24.40841	30.46582	6
2059.81	2061.35	1416.85	72.46433	84.88883	71.84629	68.84264	57.5795	1.253505	41.16699	16.91381	24.25318	30.01504	6
2059.815	2061.355	1416.855	72.76099	86.90563	72.85987	72.55086	51.26236	2.677262	46.06038	17.14034	28.92004	28.64103	6
2059.82	2061.361	1416.861	73.40375	88.15849	73.99706	75.96242	46.53601	3.825498	49.6385	23.6779	25.96059	27.76173	6
2059.825	2061.366	1416.866	73.3543	65.50008	73.45319	74.15775	55.89666	1.377251	42.72609	17.39547	25.33062	29.56352	6
2059.83	2061.371	1416.871	70.37537	58.96077	70.2394	70.51134	62.03991	0	37.96009	25.28872	12.67137	30.46857	6
2059.835	2061.376	1416.876	71.3395	43.78895	71.25298	71.67324	64.4413	0	35.5587	11.56814	23.99056	30.2708	6
2059.84	2061.382	1416.882	72.74863	59.41913	72.06879	71.31478	63.9606	0	36.0394	23.03468	13.00472	30.60499	6
2059.845	2061.387	1416.887	72.87224	73.58255	72.18003	72.11823	60.51513	0.436986	39.04789	26.97831	12.06957	30.24043	6
2059.85	2061.392	1416.892	74.72634	143.0857	71.67324	70.15287	60.28656	1.324199	38.38924	25.15693	13.23231	29.05024	6
2059.855	2061.398	1416.898	72.43961	60.27474	71.67324	70.88216	64.7084	0	35.2916	16.21728	19.07432	30.52959	6
2059.86	2061.403	1416.903	68.96624	54.60632	68.55834	66.67951	66.49758	0	33.50242	15.54559	17.95682	30.44188	6
2059.865	2061.408	1416.908	64.68943	24.7516	64.91192	62.10604	72.77151	0	27.22849	14.65075	12.57773	29.86379	6
2059.87	2061.413	1416.913	66.86492	27.91431	67.39643	68.17516	67.6098	0	32.3902	20.32192	12.06828	29.45357	6
2059.875	2061.419	1416.919	63.93543	29.70192	64.18264	64.02195	72.07563	0	27.92437	20.20341	7.720966	29.36105	6
2059.88	2061.424	1416.924	65.8019	59.083	64.93665	64.62763	71.86987	0	28.13013	20.68441	7.445725	30.04111	6
2059.885	2061.429	1416.929	66.04911	95.06449	64.38041	64.33097	69.16163	0	30.83837	22.62899	8.209389	30.57234	6
2059.89	2061.435	1416.935	63.40391	70.93932	62.97129	62.58811	67.85393	0	32.14607	22.22784	9.918232	30.06385	6
2059.895	2061.44	1416.94	64.02195	92.0393	62.88476	63.20614	67.6395	0	32.3605	17.35398	15.00653	30.41019	6
2059.9	2061.445	1416.945	64.59055	61.86373	64.20736	64.33097	68.57534	0	31.42466	15.47344	15.95122	29.87516	6
2059.905	2061.45	1416.95	64.49166	45.68352	64.04667	62.99601	73.06091	0	26.93909	15.62452	11.31457	29.91867	6
2059.91	2061.456	1416.956	60.88233	33.38411	61.2037	62.22965	73.41862	0	26.58138	22.63881	3.942575	28.98513	6
2059.915	2061.461	1416.961	61.68577	52.86454	62.1184	61.8341	67.10302	0	32.89698	22.70791	10.18906	29.47595	6
2059.92	2061.466	1416.966	63.75002	86.4931	64.73887	68.94152	52.755	1.921381	45.32362	27.19554	18.12808	27.47059	6
2059.925	2061.472	1416.972	62.30381	88.296	62.62519	61.24079	58.82218	1.044728	40.1331	14.81217	25.32092	29.16127	6
2059.93	2061.477	1416.977	65.91314	108.3876	64.50402	62.88476	64.05082	0.923646	35.02553	24.37934	10.6462	29.82773	6
2059.935	2061.482	1416.982	63.02073	77.24945	62.03187	60.7958	70.99021	0	29.00979	7.025084	21.9847	30.45686	6
2059.94	2061.487	1416.987	63.35447	62.99436	62.93421	61.69813	69.7263	0	30.2737	13.72816	16.54553	30.09874	6
2059.945	2061.493	1416.993	62.90949	51.16859	62.82296	61.22843	70.41104	0	29.58896	12.67364	16.91531	29.90169	6
2059.95	2061.498	1416.998	59.36196	54.80494	59.53501	59.72042	70.78307	0	29.21693	14.38727	14.82967	29.37014	6
2059.955	2061.503	1417.003	59.49792	50.28242	59.53501	59.84402	72.80618	0	27.19382	19.47319	7.720634	29.38464	6
2059.96	2061.508	1417.008	58.34838	67.89884	59.05294	60.77108	64.42762	0	35.57238	16.55973	19.01265	29.04712	6
2059.965	2061.514	1417.014	58.36074	63.89581	58.76864	58.59559	67.68408	0	32.31592	19.41956	12.89636	29.41107	6
2059.97	2061.519	1417.019	56.75384	61.90957	57.3966	58.81808	67.82298	0	32.17702	19.68587	12.49115	28.89051	6
2059.975	2061.524	1417.024	56.32122	53.79654	56.92689	58.05172	70.47173	0	29.52827	12.02348	17.50479	28.83158	6
2059.98	2061.53	1417.03	57.50785	45.88214	57.89103	59.7575	73.01964	0	26.98036	22.10252	4.877837	28.79804	6
2059.985	2061.535	1417.035	61.64869	66.52376	61.84646	63.76238	65.65172	0	34.34828	13.22142	21.12686	29.35768	6
2059.99	2061.54	1417.04	63.25559	46.08076	63.32975	63.57697	70.07854	0	29.92146	19.83226	10.0892	29.47086	6
2059.995	2061.545	1417.045	66.70423	65.72926	66.77839	66.4941	62.15085	0	37.84915	15.32433	22.52482	30.29729	6

2060	2061.551	1417.051	68.42237	99.2356	68.39765	69.16402	53.22799	2.397341	44.37466	17.69054	26.68413	28.12314	6
2060.005	2061.556	1417.056	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2060.34	2061.91	1417.41	138.8538	88.14321	139.3235	139.0763	0	100	0	0	0	-9999	-9999
2060.345	2061.915	1417.415	139.237	84.27768	139.6696	141.1035	0	100	0	0	0	-9999	-9999
2060.35	2061.92	1417.42	140.0528	64.03332	140.2506	140.4854	0	100	0	0	0	-9999	-9999
2060.355	2061.925	1417.425	141.6721	86.67645	141.944	141.1653	0	100	0	0	0	-9999	-9999
2060.36	2061.931	1417.431	141.499	94.62141	141.9934	143.0194	0	100	0	0	0	-9999	-9999
2060.365	2061.936	1417.436	141.0664	123.8955	141.054	142.0058	0	100	0	0	0	-9999	-9999
2060.37	2061.941	1417.441	143.3037	134.5907	143.7734	145.6028	0	100	0	0	0	-9999	-9999
2060.375	2061.947	1417.447	143.2666	125.2553	143.5509	145.3185	0	100	0	0	0	-9999	-9999
2060.38	2061.952	1417.452	146.2208	145.5608	146.9625	148.4828	0	100	0	0	0	-9999	-9999
2060.385	2061.957	1417.457	145.9983	120.3967	146.6287	149.7931	0	100	0	0	0	-9999	-9999
2060.39	2061.962	1417.462	145.5039	142.5662	146.3444	148.6435	0	100	0	0	0	-9999	-9999
2060.395	2061.968	1417.468	144.0948	116.5312	144.7499	146.1343	0	100	0	0	0	-9999	-9999
2060.4	2061.973	1417.473	143.0441	144.6441	144.1319	144.9724	0	100	0	0	0	-9999	-9999
2060.405	2061.978	1417.478	142.2159	137.0505	143.4644	145.5533	0	100	0	0	0	-9999	-9999
2060.41	2061.983	1417.483	141.4372	137.1575	142.3148	145.6275	0	100	0	0	0	-9999	-9999
2060.415	2061.989	1417.489	140.1888	138.9146	140.8686	141.3383	0	100	0	0	0	-9999	-9999
2060.42	2061.994	1417.494	139.101	158.3491	140.2382	141.363	0	100	0	0	0	-9999	-9999
2060.425	2061.999	1417.499	140.3	104.5526	141.0664	142.0676	0	100	0	0	0	-9999	-9999
2060.43	2062.005	1417.505	140.8933	93.03242	141.7462	142.7845	0	100	0	0	0	-9999	-9999
2060.435	2062.01	1417.51	138.5448	103.8956	139.373	140.8068	0	100	0	0	0	-9999	-9999
2060.44	2062.015	1417.515	138.9033	96.01178	140.0281	141.9934	0	100	0	0	0	-9999	-9999
2060.445	2062.02	1417.52	136.9626	106.3861	137.8526	139.8056	0	100	0	0	0	-9999	-9999
2060.45	2062.026	1417.526	138.6066	98.04385	139.4719	140.5349	0	100	0	0	0	-9999	-9999
2060.455	2062.031	1417.531	135.8872	110.9544	136.6165	137.9144	0	100	0	0	0	-9999	-9999
2060.46	2062.036	1417.536	130.4609	122.9482	130.8317	133.8477	0	95.03114	4.968858	4.968858	0	-9999	-9999
2060.465	2062.042	1417.542	132.9083	132.3752	134.2927	136.2086	0	100	0	0	0	-9999	-9999
2060.47	2062.047	1417.547	133.3286	94.28528	134.4658	136.7525	0	100	0	0	0	-9999	-9999
2060.475	2062.052	1417.552	132.5128	106.111	133.5634	135.6648	0	100	0	0	0	-9999	-9999
2060.48	2062.057	1417.557	131.8329	95.06449	132.9701	134.7006	0	100	0	0	0	-9999	-9999
2060.485	2062.063	1417.563	129.7687	109.8391	131.1531	133.4151	0	100	0	0	0	-9999	-9999
2060.49	2062.068	1417.568	128.6933	88.76964	129.4473	131.0048	0	95.98243	4.017573	4.017573	0	-9999	-9999
2060.495	2062.073	1417.573	130.8811	76.348	131.5733	132.7723	0	100	0	0	0	-9999	-9999
2060.5	2062.078	1417.578	130.8441	62.47488	131.6722	132.179	0	100	0	0	0	-9999	-9999
2060.505	2062.084	1417.584	132.5251	71.94772	132.9948	134.132	0	100	0	0	0	-9999	-9999
2060.51	2062.089	1417.589	130.7699	93.10881	131.2272	132.5746	0	97.29476	2.705238	2.705238	0	-9999	-9999
2060.515	2062.094	1417.594	132.9207	114.8199	133.1184	135.0096	0	100	0	0	0	-9999	-9999
2060.52	2062.1	1417.6	133.3039	143.5135	134.0208	134.5028	0	100	0	0	0	-9999	10
2060.525	2062.105	1417.605	134.7624	140.6105	135.7389	137.0986	0	100	0	0	0	-9999	10
2060.53	2062.11	1417.61	134.8366	112.5892	135.1827	135.8872	0	100	0	0	0	-9999	10
2060.535	2062.115	1417.615	132.2161	111.3058	133.069	133.9219	0	100	0	0	0	-9999	10
2060.54	2062.121	1417.621	132.9825	134.7282	133.7983	134.7624	0	100	0	0	0	-9999	10
2060.545	2062.126	1417.626	132.1172	101.069	132.624	133.4769	0	100	0	0	0	-9999	10
2060.55	2062.131	1417.631	132.8959	108.5251	133.7983	135.158	0	100	0	0	0	-9999	10
2060.555	2062.137	1417.637	136.666	144.9649	137.3953	140.4607	0	100	0	0	0	-9999	10
2060.56	2062.142	1417.642	134.1073	157.9519	134.9849	136.3446	0	100	0	0	0	-9999	10
2060.565	2062.147	1417.647	130.9677	121.6801	131.7958	133.0443	0	100	0	0	0	-9999	10
2060.57	2062.152	1417.652	132.1914	162.0008	133.0443	133.8724	0	100	0	0	0	-9999	10
2060.575	2062.158	1417.658	132.9701	161.0077	134.1691	132.8218	0	100	0	0	0	-9999	10
2060.58	2062.163	1417.663	134.2803	184.812	135.6153	139.6573	0	100	0	0	0	-9999	10
2060.585	2062.168	1417.668	133.9219	182.2299	135.1209	136.3446	0	100	0	0	0	-9999	10
2060.59	2062.173	1417.673	132.0678	179.4797	133.3904	134.6883	0	100	0	0	0	-9999	10
2060.595	2062.179	1417.679	130.5721	136.4088	131.8082	133.4151	0	100	0	0	0	-9999	10
2060.6	2062.184	1417.684	132.1049	122.0774	133.0443	134.0826	0	100	0	0	0	-9999	10
2060.605	2062.189	1417.689	131.7588	149.518	132.6487	132.6858	0	100	0	0	0	-9999	10
2060.61	2062.195	1417.695	128.8911	124.415	129.472	129.4102	0	94.19438	5.80562	5.80562	0	-9999	10
2060.615	2062.2	1417.7	129.1506	160.641	129.9541	130.9924	0	100	0	0	0	-9999	10
2060.62	2062.205	1417.705	128.3101	175.4919	128.3596	129.2619	0	79.80709	20.19291	20.19291	0	-9999	10
2060.625	2062.21	1417.71	123.0692	151.7334	123.8108	125.7762	0	75.93529	24.06471	24.06471	0	-9999	10
2060.63	2062.216	1417.716	123.9221	183.3147	124.7379	124.7626	0	83.01481	16.98519	16.98519	0	-9999	10
2060.635	2062.221	1417.721	126.9504	151.7029	128.1494	131.3014	0	100	0	0	0	-9999	10
2060.64	2062.226	1417.726	126.8021	132.1613	127.7168	128.1741	0	94.42908	5.57092	5.57092	0	-9999	10
2060.645	2062.232	1417.732	123.5512	138.6701	124.2187	124.8367	0	75.15237	24.84763	24.84763	0	-9999	10
2060.65	2062.237	1417.737	124.1693	155.8282	124.9356	127.1358	0	80.9643	19.0357	19.0357	0	-9999	10
2060.655	2062.242	1417.742	121.9567	150.6945	122.4017	124.1075	0	65.63762	34.36238	34.36238	0	-9999	10
2060.66	2062.247	1417.747	117.8653	256.0416	120.0655	123.4153	0	92.22608	7.773919	7.773919	0	-9999	10
2060.665	2062.253	1417.753	123.0444	269.7008	124.3918	126.3324	0	97.5673	2.432699	2.432699	0	-9999	10
2060.67	2062.258	1417.758	121.8702	207.4398	123.1681	125.8503	0	87.30898	12.69102	12.69102	0	-9999	10
2060.675	2062.263	1417.763	121.623	190.3582	122.5624	124.2558	0	77.54406	22.45594	22.45594	0	-9999	10
2060.68	2062.268	1417.768	122.3399	178.838	123.4029	122.377	0	82.12459	17.87541	17.87541	0	-9999	10
2060.685	2062.274	1417.774	125.7391	169.8082	126.9752	128.6809	0	100	0	0	0	-9999	10
2060.69	2062.279	1417.779	125.702	135.5685	126.1841	127.3954	0	78.6218	21.3782	21.3782	0	-9999	10

2060.695	2062.284	1417.784	127.4078	145.3316	127.1482	126.6414	0	66.17618	33.82382	33.82382	0	-9999	10
2060.7	2062.29	1417.79	124.5895	173.7043	125.5042	125.702	0	87.44023	12.55977	12.55977	0	-9999	10
2060.705	2062.295	1417.795	124.7749	213.1235	126.1223	131.8824	0	100	0	0	0	-9999	10
2060.71	2062.3	1417.8	122.6242	233.5665	124.2929	127.519	0	100	0	0	0	-9999	10
2060.715	2062.305	1417.805	118.4092	289.7771	120.3869	122.5006	0	92.56579	7.434213	7.434213	0	-9999	10
2060.72	2062.311	1417.811	118.7429	335.0634	119.2497	122.4511	0	69.76204	30.23796	30.23796	0	-9999	10
2060.725	2062.316	1417.816	119.0272	225.6216	119.8059	122.0927	0	68.11737	31.88263	31.88263	0	-9999	10
2060.73	2062.321	1417.821	115.3684	196.3627	115.5538	116.1472	0	47.03466	52.96534	52.96534	0	-9999	10
2060.735	2062.327	1417.827	112.2041	229.976	113.1682	116.1595	0	53.2401	46.7599	46.7599	0	-9999	10
2060.74	2062.332	1417.832	109.7072	181.2826	110.9433	113.4154	0	47.7678	52.2322	52.2322	0	-9999	10
2060.745	2062.337	1417.837	115.0347	269.4258	115.2943	112.5873	0	52.35841	47.64159	47.64159	0	-9999	10
2060.75	2062.342	1417.842	116.3078	218.1044	117.1978	118.6069	0	61.65502	38.34498	38.34498	0	-9999	10
2060.755	2062.348	1417.848	118.471	212.3902	119.5834	119.8183	0	71.55657	28.44343	28.44343	0	-9999	10
2060.76	2062.353	1417.853	115.6156	241.2365	116.4315	116.3449	0	60.19668	39.80332	39.80332	0	-9999	10
2060.765	2062.358	1417.858	117.5192	179.0977	118.1867	118.9036	0	58.66816	41.33184	41.33184	0	-9999	10
2060.77	2062.363	1417.863	114.256	92.91019	114.9234	117.4079	7.227282	44.63383	48.13888	48.13888	0	-9999	10
2060.775	2062.369	1417.869	120.0037	109.9613	120.4487	122.7231	0	56.98369	43.01631	43.01631	0	-9999	10
2060.78	2062.374	1417.874	118.6564	116.1798	119.3857	120.3498	0	58.72256	41.27744	41.27744	0	-9999	10
2060.785	2062.379	1417.879	118.644	173.3835	119.7441	120.6094	0	69.26433	30.73567	30.73567	0	-9999	10
2060.79	2062.385	1417.885	121.9073	207.6079	122.7601	123.6625	0	77.90583	22.09417	22.09417	0	-9999	10
2060.795	2062.39	1417.89	121.66	222.7033	122.5006	124.6761	0	77.78215	22.21785	22.21785	0	-9999	10
2060.8	2062.395	1417.895	120.3622	176.1795	121.5859	121.7713	0	77.80434	22.19566	22.19566	0	-9999	10
2060.805	2062.4	1417.9	120.4116	186.8288	121.796	120.424	0	81.94819	18.05181	18.05181	0	-9999	10
2060.81	2062.406	1417.906	118.0754	207.5621	119.2744	121.487	0	71.49527	28.50473	28.50473	0	-9999	10
2060.815	2062.411	1417.911	119.8801	260.7322	121.3016	122.6489	0	85.64062	14.35938	14.35938	0	-9999	10
2060.82	2062.416	1417.916	119.5834	261.2822	121.623	125.6278	0	96.78018	3.21982	3.21982	0	-9999	10
2060.825	2062.422	1417.922	116.1842	254.3151	118.0507	122.2039	0	79.76975	20.23025	20.23025	0	-9999	10
2060.83	2062.427	1417.927	115.6527	198.4406	116.3202	116.6539	0	55.11075	44.88925	44.88925	0	-9999	10
2060.835	2062.432	1417.932	114.5773	157.4783	115.2077	118.5081	0	49.20233	50.79767	50.79767	0	-9999	10
2060.84	2062.437	1417.937	116.2584	121.1759	116.7652	118.2114	0	48.88261	51.11739	51.11739	0	-9999	10
2060.845	2062.443	1417.943	114.7133	132.253	115.2201	116.9012	0	46.00943	53.99057	53.99057	0	-9999	10
2060.85	2062.448	1417.948	117.1484	127.043	118.1743	119.8677	0	60.15653	39.84347	39.84347	0	-9999	10
2060.855	2062.453	1417.953	120.7453	149.3652	121.7836	123.2299	0	73.65309	26.34691	26.34691	0	-9999	10
2060.86	2062.458	1417.958	117.1855	172.8487	118.8171	121.1903	0	73.77194	26.22806	26.22806	0	-9999	10
2060.865	2062.464	1417.964	117.9147	132.8183	118.5081	117.7541	0	55.35749	44.64251	44.64251	0	-9999	10
2060.87	2062.469	1417.969	116.3944	148.9833	117.2967	118.8418	0	57.4274	42.5726	42.5726	0	-9999	10
2060.875	2062.474	1417.974	120.9431	166.9969	121.932	123.9344	0	74.54482	25.45518	25.45518	0	-9999	10
2060.88	2062.48	1417.98	114.7751	165.2246	115.7022	115.8134	0	54.5864	45.4136	45.4136	0	-9999	10
2060.885	2062.485	1417.985	113.4525	204.2924	114.6391	115.2572	0	57.58493	42.41507	42.41507	0	-9999	10
2060.89	2062.49	1417.99	115.8505	280.3807	118.1372	119.9048	0	87.37694	12.62306	12.62306	0	-9999	10
2060.895	2062.495	1417.995	114.8616	178.181	115.9988	118.1496	0	58.85286	41.14714	41.14714	0	-9999	10
2060.9	2062.501	1418.001	116.3202	105.1638	117.2967	118.9901	0	55.46212	44.53788	44.53788	0	-9999	10
2060.905	2062.506	1418.006	114.6515	76.36328	115.3932	117.1978	10.29296	45.53173	44.17531	31.92965	12.24566	24.99082	10
2060.91	2062.511	1418.011	115.9865	119.3119	116.963	118.7676	0	55.48438	44.51562	44.51562	0	-9999	10
2060.915	2062.517	1418.017	115.8999	153.078	116.7405	117.9889	0	55.37789	44.62211	44.62211	0	-9999	10
2060.92	2062.522	1418.022	115.5786	172.3292	116.9753	118.644	0	64.56413	35.43587	35.43587	0	-9999	10
2060.925	2062.527	1418.027	115.8752	169.3957	116.8146	117.4574	0	57.97146	42.02854	42.02854	0	-9999	10
2060.93	2062.532	1418.032	117.2225	157.356	118.2856	119.3733	0	63.05369	36.94631	36.94631	0	-9999	10
2060.935	2062.538	1418.038	115.6033	172.9709	116.8517	119.67	0	62.32747	37.67253	37.67253	0	-9999	10
2060.94	2062.543	1418.043	112.6491	174.9113	114.1694	117.0495	0	58.1411	41.8589	41.8589	0	-9999	10
2060.945	2062.548	1418.048	115.3066	178.5935	116.8023	118.8665	0	65.72079	34.27921	34.27921	0	-9999	10
2060.95	2062.553	1418.053	110.9186	158.3033	112.3648	113.4649	0	51.57715	48.42285	48.42285	0	-9999	10
2060.955	2062.559	1418.059	110.7084	121.5426	112.0063	114.6021	0	46.73623	53.26377	53.26377	0	-9999	10
2060.96	2062.564	1418.064	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2061.3	2062.923	1418.423	112.6862	220.7476	110.7208	110.1028	0	16.99823	83.00177	83.00177	0	-9999	6
2061.305	2062.928	1418.428	113.7739	98.68556	113.1559	112.4142	16.23589	26.45848	57.30562	46.80037	10.50525	27.17947	6
2061.31	2062.934	1418.434	109.1633	46.82942	108.8172	107.5194	30.91928	20.0945	48.98622	23.92187	25.06435	27.83652	6
2061.315	2062.939	1418.439	106.617	54.98829	107.0373	106.0608	25.34811	24.94638	49.7055	32.9323	16.7732	27.27614	6
2061.32	2062.944	1418.444	103.465	36.9899	103.3909	102.7234	36.43538	15.42866	48.13596	28.15205	19.98391	28.47121	6
2061.325	2062.949	1418.449	87.43318	44.58344	87.1736	84.16994	50.78399	3.731481	45.48453	20.01711	25.46741	30.57758	6
2061.33	2062.955	1418.455	91.56166	77.69253	90.60988	89.02771	44.33795	4.965897	50.69616	21.38991	29.30625	29.29904	6
2061.335	2062.96	1418.46	93.04495	88.18905	92.36511	90.82002	38.32566	7.524922	54.14942	24.87503	29.27439	28.66078	6
2061.34	2062.965	1418.465	96.87678	190.3123	94.44171	95.73959	23.68953	6.97472	69.33575	49.90903	19.42672	27.23802	6
2061.345	2062.97	1418.47	96.13513	107.2722	94.07089	92.22914	41.59368	3.152747	55.25358	29.80599	25.44759	29.17102	6
2061.35	2062.976	1418.476	92.31567	102.5969	91.28972	90.86946	38.19217	6.616158	55.19167	23.07824	32.11343	28.29291	6
2061.355	2062.981	1418.481	86.93875	86.11114	85.67795	84.71382	48.94862	2.903944	48.14744	21.51811	26.62933	29.3649	6
2061.36	2062.986	1418.486	89.15132	85.25552	89.02771	85.69031	38.30691	7.792581	53.90051	27.63534	26.26517	28.84733	6
2061.365	2062.992	1418.492	90.53572	101.9247	90.28851	90.23906	33.95728	9.117436	56.92528	22.75303	34.17225	27.86434	6
2061.37	2062.997	1418.497	89.63339	108.2501	89.04007	87.64331	35.93896	7.717922	56.34312	32.6681	23.67502	28.11305	6
2061.375	2063.002	1418.502	92.40219	86.23337	92.08081	92.62468	36.6122	8.719014	54.66879	19.56482	35.10397	28.12025	6
2061.38	2063.007	1418.507	92.47635	98.02857	91.80888	91.01779	36.3718	7.976678	55.65152	34.29402	21.3575	28.26531	6
2061.385	2063.013	1418.513	89.00299	80.10658	88.17482	88.11302	45.14977	4.666303	50.18393	24.62282	25.56111	28.93761	6
2061.39	2063.018	1418.518	87.70511	87.19593	87.13652	87.30957	42.61648	5.612157	51.77136	26.99486	24.7765	28.4701	6

2061.395	2063.023	1418.523	86.56793	86.43199	85.30713	83.74968	49.21213	2.832071	47.9558	26.34512	21.61068	29.47802	6
2061.4	2063.029	1418.529	83.26761	59.14411	82.43944	78.31096	55.49923	1.441533	43.05923	14.43025	28.62898	31.09003	6
2061.405	2063.034	1418.534	84.39244	68.81557	83.72496	81.17865	50.87856	2.892808	46.22864	14.00533	32.2233	30.00683	6
2061.41	2063.039	1418.539	84.4666	81.94003	83.34177	83.34177	51.17865	2.431741	46.38961	18.26378	28.12583	29.37783	6
2061.415	2063.044	1418.544	85.81392	76.36328	85.07228	81.96973	48.31902	3.622536	48.05844	31.68005	16.37839	29.74201	6
2061.42	2063.05	1418.55	86.50612	94.59085	86.33307	82.09334	38.86452	7.008886	54.12659	19.26128	34.86532	28.83068	6
2061.425	2063.055	1418.555	84.04634	117.5396	83.93509	80.95615	35.09496	7.748166	57.15688	29.42853	27.72834	27.97488	6
2061.43	2063.06	1418.56	82.22931	157.2949	82.0439	76.29616	27.7206	9.546771	62.73263	36.18078	26.55185	27.73692	6
2061.435	2063.065	1418.565	79.58411	108.6779	78.52109	71.24062	48.721	3.318608	47.96039	21.21251	26.74789	29.60834	6
2061.44	2063.071	1418.571	83.0204	168.9832	81.92029	74.47913	31.25312	8.03344	60.71344	31.9886	28.72484	27.8529	6
2061.445	2063.076	1418.576	84.66437	142.3676	83.20581	82.62485	38.95972	5.56929	55.47099	34.87166	20.59933	27.34972	6
2061.45	2063.081	1418.581	75.88825	62.50544	76.11075	74.3308	53.33217	2.098775	44.56906	26.03738	18.53167	29.84799	6
2061.455	2063.087	1418.587	74.269	63.28466	73.71276	70.96868	60.66844	0.240877	39.09068	18.1738	20.91688	31.06855	6
2061.46	2063.092	1418.592	74.36788	79.70933	72.82279	70.16523	64.26635	0	35.73365	7.59357	28.14008	30.82492	6
2061.465	2063.097	1418.597	75.98714	64.62919	75.28258	72.74863	59.91192	0.39298	39.6951	23.03849	16.65661	30.9779	6
2061.47	2063.102	1418.602	75.98714	73.07835	74.10831	72.20476	66.96781	0	33.03219	11.97674	21.05544	30.30451	6
2061.475	2063.108	1418.608	73.25542	31.29092	72.56322	70.96868	70.39717	0	29.60283	16.01483	13.588	30.29901	6
2061.48	2063.113	1418.613	69.72025	39.60257	68.83028	66.8402	73.17084	0	26.82916	23.34656	3.482606	30.21786	6
2061.485	2063.118	1418.618	70.35065	69.07531	68.81792	67.48296	70.43984	0	29.56016	5.606191	23.95397	30.34362	6
2061.49	2063.124	1418.624	72.58794	45.07237	71.69797	70.31356	69.20887	0	30.79113	8.299673	22.49145	30.29214	6
2061.495	2063.129	1418.629	74.36788	49.31986	74.13303	68.2864	61.46626	0	38.53374	20.71927	17.81447	31.97658	6
2061.5	2063.134	1418.634	76.71642	63.2541	76.33324	75.73992	57.08307	1.114964	41.80197	24.5699	17.23207	30.21439	6
2061.505	2063.139	1418.639	79.94257	66.76822	80.48645	80.98087	46.07992	4.526444	49.39364	30.3728	19.02084	28.69818	6
2061.51	2063.145	1418.645	80.0291	57.38705	79.93021	79.86841	53.25193	2.296737	44.45133	21.52464	22.92669	29.83413	6
2061.515	2063.15	1418.65	79.38634	59.37329	78.90427	77.47043	56.33226	1.309818	42.35792	19.95313	22.40479	30.4854	6
2061.52	2063.155	1418.655	76.2838	67.11963	75.83881	74.41733	57.0246	1.146218	41.82918	25.89587	15.93331	30.25173	6
2061.525	2063.16	1418.66	77.69292	48.80038	77.82889	78.11319	55.65907	1.533946	42.80699	21.00517	21.80182	30.17119	6
2061.53	2063.166	1418.666	76.25908	68.80029	76.24671	75.72756	53.28778	2.142983	44.56924	25.36511	19.20413	29.4992	6
2061.535	2063.171	1418.671	77.35918	50.49633	76.38268	75.97478	64.1773	0	35.8227	7.424034	28.39867	30.62181	6
2061.54	2063.176	1418.676	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2061.55	2063.187	1418.687	75.86353	78.1509	74.77579	75.10953	59.72305	0.534205	39.74274	26.23264	13.51011	30.11998	6
2061.555	2063.192	1418.692	81.85849	98.02857	80.89435	78.40984	48.43934	3.33797	48.22269	17.40495	30.81774	29.0423	6
2061.56	2063.197	1418.697	81.73488	142.1842	80.27631	78.96608	41.69922	5.017426	53.28335	25.9723	27.31106	27.42728	6
2061.565	2063.203	1418.703	75.29494	93.46022	74.98592	73.94762	50.50617	2.965832	46.52799	27.96197	18.56603	28.68088	6
2061.57	2063.208	1418.708	70.90688	66.78349	70.49897	69.73261	61.76532	0.093177	38.1415	19.47459	18.66691	30.60297	6
2061.575	2063.213	1418.713	70.12815	42.44442	70.02927	70.48661	65.97692	0	34.02308	12.87105	21.15204	30.02683	6
2061.58	2063.219	1418.719	68.69431	46.23355	68.9168	69.39887	63.8884	0	36.1116	25.27829	10.83332	30.03998	6
2061.585	2063.224	1418.724	64.97373	57.46345	64.8254	65.99967	67.46756	0	32.53244	21.0011	11.53133	29.60281	6
2061.59	2063.229	1418.729	67.1245	65.51536	66.60534	67.45823	66.41417	0	33.58583	23.55938	10.02645	29.93992	6
2061.595	2063.234	1418.734	66.18508	60.42753	65.09734	63.55224	72.91628	0	27.08372	9.390083	17.69363	30.32166	6
2061.6	2063.24	1418.74	63.72529	47.80726	62.56339	59.84402	78.80816	0	21.19184	16.49984	4.691994	30.64824	6
2061.605	2063.245	1418.745	63.9107	45.79047	62.97129	60.64747	77.40133	0	22.59867	21.82107	0.777602	30.40473	6
2061.61	2063.25	1418.75	66.35813	73.07835	65.31983	61.80938	69.3124	0	30.6876	18.81026	11.87734	30.81325	6
2061.615	2063.255	1418.755	69.609	165.2399	66.63007	60.65983	59.05842	2.990103	37.95147	12.96892	24.98255	28.64132	6
2061.62	2063.261	1418.761	70.70911	95.81315	69.59664	65.85134	60.38245	0.949144	38.66841	21.9647	16.7037	30.21559	6
2061.625	2063.266	1418.766	72.10587	97.46326	71.12937	70.38773	57.64435	1.457979	40.89767	25.7415	15.15618	29.27878	6
2061.63	2063.271	1418.771	72.74863	75.30905	72.26656	71.77213	58.5825	0.888	40.5295	28.11244	12.41706	29.92909	6
2061.635	2063.277	1418.777	70.70911	71.62686	69.609	69.02805	66.13973	0	33.86027	9.558551	24.30171	30.37515	6
2061.64	2063.282	1418.782	71.95754	71.81021	71.71033	71.14173	58.33691	0.89085	40.77224	27.3112	13.46105	29.93165	6
2061.645	2063.287	1418.787	70.16523	79.22041	69.65844	69.65844	60.20427	0.654027	39.14171	25.77393	13.36778	29.84679	6
2061.65	2063.292	1418.792	73.2307	111.8253	72.51377	71.64852	51.12219	3.038493	45.83932	33.33846	12.50086	28.18492	6
2061.655	2063.298	1418.798	69.47303	123.0858	68.71903	63.89834	52.14159	3.147811	44.7106	16.42652	28.28408	28.51029	6
2061.66	2063.303	1418.803	65.49288	75.43128	64.23208	62.47686	71.26334	0	28.73666	23.74274	4.993914	30.56069	6
2061.665	2063.308	1418.808	67.32227	74.37704	66.64243	66.70423	65.33303	0	34.66697	21.53164	13.13533	30.24104	6
2061.67	2063.314	1418.814	68.27404	58.41073	68.1628	69.47303	63.91464	0	36.08536	14.42516	21.6602	29.9476	6
2061.675	2063.319	1418.819	71.12937	94.57557	70.38773	70.94396	57.42143	1.487697	41.09087	18.10903	22.98185	29.00285	6
2061.68	2063.324	1418.824	74.75107	116.1492	73.61388	72.62502	51.93412	2.832614	45.23327	16.82725	28.40602	28.31268	6
2061.685	2063.329	1418.829	76.03658	124.69	75.98714	74.12067	40.25454	5.778599	53.96686	29.912	24.05486	27.41544	6
2061.69	2063.335	1418.835	74.65218	93.20048	74.31844	72.52613	51.35196	2.754343	45.8937	17.21831	28.67539	28.88251	6
2061.695	2063.34	1418.84	74.55329	58.10515	74.47913	73.73749	57.9243	0.8538	41.2219	19.246	21.97591	30.35575	6
2061.7	2063.345	1418.845	73.9847	52.16171	73.91054	72.77335	59.88571	0.314385	39.7999	9.821115	29.97879	30.85494	6
2061.705	2063.35	1418.85	73.41611	43.48337	73.32958	73.24306	62.60477	0	37.39523	8.551209	28.84402	30.72291	6
2061.71	2063.356	1418.856	72.19239	47.51697	72.26656	72.55086	61.50912	0	38.49088	14.26356	24.22732	30.66104	6
2061.715	2063.361	1418.861	72.8846	51.27554	72.78571	71.09229	61.30386	0	38.69614	16.61102	22.08513	31.10262	6
2061.72	2063.366	1418.866	75.72756	57.02036	75.07245	73.9229	61.60888	0	38.39112	24.5853	13.80581	31.0695	6
2061.725	2063.372	1418.872	73.44083	62.78046	73.2307	72.69918	58.87009	0.658824	40.47108	14.16094	26.31014	30.30474	6
2061.73	2063.377	1418.877	71.58672	74.72845	72.15531	72.69918	51.64933	2.366886	45.98378	15.26012	30.72366	28.71753	6
2061.735	2063.382	1418.882	69.23818	107.3333	69.47303	73.37903	48.50609	3.47975	48.01416	24.47215	23.54202	26.89159	6
2061.74	2063.387	1418.887	64.28153	92.39071	63.5028	64.55346	64.53757	0.399551	35.06288	26.88847	8.174411	29.69704	6
2061.745	2063.393	1418.893	62.7488	93.88803	60.58567	58.17533	76.31445	0	23.68555	15.18681	8.498747	31.46362	6
2061.75	2063.398	1418.898	63.60169	89.48774	63.28031	60.78344	62.3211	0.622458	37.05644	15.50178	21.55466	29.97375	6
2061.755	2063.403	1418.903	64.67707	62.59711	63.62641	61.12954	73.49123	0	26.50877	18.40366	8.105116	30.53108	6
2061.76	2063.409	1418.909	66.17272	87.63901	64.12084	60.32609	73.81454	0	26.18546	11.67603	14.50943	31.26584	6

2061.765	2063.414	1418.914	66.29633	120.5648	66.34577	54.7514	49.44753	3.557762	46.99471	18.43353	28.56118	29.33629	6
2061.77	2063.419	1418.919	63.70057	97.53965	62.43978	58.38546	67.56204	0.17698	32.26098	7.009142	25.25184	31.06916	6
2061.775	2063.424	1418.924	66.46938	71.33657	65.36927	63.47808	70.11054	0	29.88946	7.479482	22.40998	30.49642	6
2061.78	2063.43	1418.93	66.67951	128.25	64.98609	61.89591	60.74236	1.988438	37.2692	12.17121	25.09799	29.05255	6
2061.785	2063.435	1418.935	66.18508	191.3971	63.32975	52.35342	54.92042	4.915642	40.16394	28.94723	11.21671	28.0123	6
2061.79	2063.44	1418.94	75.09717	146.6303	73.58916	65.54232	47.11314	4.261591	48.62527	18.72499	29.90028	28.47683	6
2061.795	2063.445	1418.945	82.06862	156.3935	82.88443	85.13408	20.32714	12.25749	67.41537	34.09537	33.32	26.63066	6
2061.8	2063.451	1418.951	77.9525	129.5792	77.21085	75.78937	42.67327	5.112383	52.21435	31.05441	21.15994	27.48086	6
2061.805	2063.456	1418.956	78.74358	156.8977	77.12433	71.87102	42.1359	5.185317	52.67878	28.29469	24.38409	27.66667	6
2061.81	2063.461	1418.961	79.97966	114.8658	80.30103	79.57175	36.13051	7.218716	56.65077	39.89993	16.75084	27.44607	6
2061.815	2063.467	1418.967	80.17743	97.87579	78.97844	76.96364	51.84301	2.384513	45.77248	28.45756	17.31492	29.25542	6
2061.82	2063.472	1418.972	78.84247	162.2758	77.00072	71.72269	42.46774	5.078591	52.45367	29.98761	22.46606	27.59177	6
2061.825	2063.477	1418.977	80.04146	209.7011	75.67812	70.62258	49.43006	2.985059	47.58488	32.37139	15.21349	27.29508	6
2061.83	2063.482	1418.982	79.12677	178.4255	75.78937	71.94518	49.88925	3.04609	47.06466	31.04612	16.01855	27.66523	6
2061.835	2063.488	1418.988	77.40862	127.3638	76.11075	73.89818	48.02057	3.682006	48.29742	34.66384	13.63359	28.06783	6
2061.84	2063.493	1418.993	77.06252	103.9567	76.64226	75.15897	47.202	3.86833	48.92967	18.25435	30.67532	28.30881	6
2061.845	2063.498	1418.998	77.64348	102.8719	76.6299	75.33202	51.52824	2.662965	45.8088	24.73633	21.07247	28.80495	6
2061.85	2063.504	1419.004	76.12311	103.4984	74.83759	74.19483	54.88288	1.902962	43.21415	30.63683	12.57733	29.00751	6
2061.855	2063.509	1419.009	78.23679	113.7504	76.16019	72.22948	56.58822	1.251133	42.16065	17.9927	24.16794	29.8258	6
2061.86	2063.514	1419.014	77.3839	106.0805	75.80173	75.78937	55.39718	1.659884	42.94294	22.02668	20.91625	29.00817	6
2061.865	2063.519	1419.019	77.26029	127.5624	76.67934	70.09107	42.55282	5.167459	52.27972	34.12935	18.15037	28.42259	6
2061.87	2063.525	1419.025	81.64835	146.7067	81.68544	75.28258	29.0931	9.236925	61.66998	43.90624	17.76374	27.97522	6
2061.875	2063.53	1419.03	83.50246	114.713	84.72618	85.46782	25.93342	11.44669	62.61989	32.05955	30.56035	27.29802	6
2061.88	2063.535	1419.035	84.10814	106.8597	85.05992	86.37015	29.3842	10.39278	60.22303	42.21534	18.00769	27.26197	6
2061.885	2063.54	1419.04	84.99811	102.5816	86.71625	79.67064	23.66138	13.2489	63.08972	31.94041	31.14931	28.99109	6
2061.89	2063.546	1419.046	86.39488	92.45182	88.00177	90.21434	25.68994	13.1842	61.12586	31.46078	29.66509	27.34756	6
2061.895	2063.551	1419.051	85.27005	99.64812	87.58151	91.49986	19.52292	15.38731	65.08977	41.63295	23.45682	27.20677	6
2061.9	2063.556	1419.056	84.99811	108.9835	86.83986	90.36267	21.15419	14.11575	64.73006	44.49568	20.23438	27.07166	6
2061.905	2063.562	1419.062	85.23297	130.2668	87.76692	91.67291	10.423	18.24083	71.33617	47.64543	23.69074	27.68902	6
2061.91	2063.567	1419.067	81.51239	137.9367	83.65079	91.78415	15.05527	14.59517	70.34957	44.68519	25.66438	26.30297	6
2061.915	2063.572	1419.072	77.80417	159.9229	81.05504	70.82035	4.524573	16.68968	78.78574	78.78574	0	-9999	6
2061.92	2063.577	1419.077	76.80295	116.6076	78.59525	77.09961	27.23189	9.55279	63.21532	37.92193	25.29339	27.49571	6
2061.925	2063.583	1419.083	80.07854	90.3128	81.96973	85.29477	29.81531	9.7736	60.41109	39.31125	21.09984	27.07682	6
2061.93	2063.588	1419.088	78.28624	118.4716	78.73122	78.19971	35.8579	7.145864	56.99624	24.77966	32.21658	27.25946	6
2061.935	2063.593	1419.093	74.51621	121.4509	73.61388	72.42725	49.04704	3.580721	47.37223	30.08983	17.2824	27.89683	6
2061.94	2063.599	1419.099	72.77335	130.5265	72.58794	61.87118	42.89804	5.129308	51.97265	18.83897	33.13368	28.86283	6
2061.945	2063.604	1419.104	73.93526	160.4729	74.10831	67.9403	31.80398	8.072168	60.12385	43.16511	16.95874	27.21863	6
2061.95	2063.609	1419.109	75.19605	136.9589	75.23313	76.08603	37.3882	6.556553	56.05525	38.69074	17.36451	26.51065	6
2061.955	2063.614	1419.114	75.06008	154.4225	72.97112	65.30747	49.76394	3.743682	46.49237	20.44633	26.04605	28.48252	6
2061.96	2063.62	1419.12	74.52857	162.7189	75.10953	60.27665	27.55335	9.173934	63.27272	43.12376	20.14896	28.93197	6
2061.965	2063.625	1419.125	74.30608	133.185	72.90932	63.47808	50.23254	3.457378	46.31008	27.09645	19.21363	29.26782	6
2061.97	2063.63	1419.13	73.5768	148.861	71.58672	64.00959	51.70808	3.436231	44.85569	15.38457	29.47112	28.67802	6
2061.975	2063.635	1419.135	72.18003	91.87123	70.72147	66.17272	62.66542	0.322325	37.01226	11.46691	25.54534	30.97272	6
2061.98	2063.641	1419.141	71.95754	79.69405	70.46189	67.84142	66.10438	0	33.89562	7.107338	26.78828	30.76289	6
2061.985	2063.646	1419.146	73.6386	93.23104	72.92168	64.94901	55.24672	1.855296	42.89798	27.73128	15.1667	30.45813	6
2061.99	2063.651	1419.151	74.55329	125.3928	73.65096	61.94535	48.05898	3.853079	48.08794	28.60089	19.48704	29.65941	6
2061.995	2063.657	1419.157	78.87955	164.0023	78.90427	70.2394	27.55067	9.426839	63.02249	43.93887	19.08362	27.98397	6
2062	2063.662	1419.162	81.87085	164.4301	81.20337	73.09473	30.0597	8.606709	61.33359	41.64701	19.68658	27.98192	6
2062.005	2063.667	1419.167	79.73244	184.1092	80.91907	74.12067	12.89536	14.02286	73.08178	55.0787	18.00308	28.52133	6
2062.01	2063.672	1419.172	79.69536	129.0598	78.52109	76.23435	44.5484	4.456961	50.99464	22.48608	28.50856	27.90365	6
2062.015	2063.678	1419.178	97.45773	81.69557	97.76675	99.74446	28.17367	15.32776	56.49857	38.68153	17.81704	27.44036	6
2062.02	2063.683	1419.183	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2062.31	2063.989	1419.489	119.3239	80.61078	119.6329	120.7083	8.319346	50.59839	41.08227	37.89552	3.186745	24.3144	3
2062.315	2063.994	1419.494	121.2398	89.27384	121.0791	122.5871	8.10048	47.23868	44.66084	28.28959	16.37125	24.52097	3
2062.32	2064	1419.5	109.0645	86.67645	107.8778	107.6677	27.88138	13.99036	58.12825	25.54994	32.57832	28.09113	3
2062.325	2064.005	1419.505	112.2164	87.95987	111.0545	109.4106	24.47938	17.1245	58.39612	31.87468	26.52144	28.06054	3
2062.33	2064.01	1419.51	106.1968	46.9211	105.1955	104.4168	38.70352	10.78111	50.51538	31.86339	18.65199	29.03986	3
2062.335	2064.015	1419.515	107.3463	167.2567	103.3909	99.13879	31.41989	0	68.58011	22.47547	46.10464	22.21185	3
2062.34	2064.021	1419.521	108.2981	168.7693	106.2709	98.50839	15.23408	10.92345	73.84246	49.23144	24.61102	29.99358	3
2062.345	2064.026	1419.526	115.1954	155.7365	114.3796	111.1658	2.654537	29.57826	67.76721	67.76721	0	-9999	3
2062.35	2064.031	1419.531	112.167	103.8039	111.2399	107.3834	18.87048	20.93663	60.1929	47.71929	12.4736	28.22179	3
2062.355	2064.037	1419.537	112.5625	65.94316	112.6367	113.1188	19.90944	31.33292	48.75764	30.69779	18.05985	26.25518	3
2062.36	2064.042	1419.542	112.2659	108.8612	111.858	108.8049	13.53223	27.70276	58.76502	35.3571	23.40792	27.70301	3
2062.365	2064.047	1419.547	110.1028	134.7129	110.1275	114.2807	5.913351	31.37857	62.70808	54.60305	8.105036	-9999	3
2062.37	2064.052	1419.552	107.952	185.087	107.0991	104.6146	2.503017	22.9752	74.52178	72.15901	2.362767	-9999	3
2062.375	2064.058	1419.558	106.0114	99.4495	106.0237	110.3871	18.30698	23.28158	58.41145	44.18048	14.23097	26.56393	3
2062.38	2064.063	1419.563	105.2944	92.66573	105.9001	108.4711	16.01003	27.30747	56.68251	33.38742	23.29509	26.71156	3
2062.385	2064.068	1419.568	107.1485	83.48319	107.2227	109.5589	20.64564	24.2445	55.10987	31.10348	24.00638	26.7577	3
2062.39	2064.074	1419.574	107.2722	51.24499	107.0991	107.2103	30.24947	19.81681	49.93372	35.41031	14.52341	27.58799	3
2062.395	2064.079	1419.579	108.5453	61.55816	107.9767	107.5194	29.64785	18.0589	52.29325	36.44964	15.84361	27.81626	3
2062.4	2064.084	1419.584	108.5329	90.26696	107.952	107.6677	22.80748	19.85786	57.33466	41.12774	16.20692	27.5631	3
2062.405	2064.089	1419.589	108.9285	69.61007	108.9656	107.9149	22.65277	25.38895	51.95829	31.08979	20.86849	27.1941	3
2062.41	2064.095	1419.595	108.8172	66.09595	109.2375	111.6726	20.63587	29.09584	50.26829	32.89278	17.37551	26.2513	3

2062.415	2064.1	1419.6	106.3822	70.4504	107.1485	110.9433	19.14007	28.99046	51.86947	41.14488	10.7246	26.15757	3
2062.42	2064.105	1419.605	108.2363	54.59104	108.4464	110.4612	25.58306	25.18975	49.22719	21.93389	27.29331	26.64587	3
2062.425	2064.111	1419.611	108.2239	31.21452	108.2486	108.1745	32.68848	21.67691	45.63461	30.28539	15.34921	27.55301	3
2062.43	2064.116	1419.616	102.3031	41.64992	103.0942	104.3921	29.67091	21.29557	49.03352	26.65094	22.38258	27.332	3
2062.435	2064.121	1419.621	100.8198	29.33523	100.5974	100.7457	41.87093	11.27385	46.85521	16.95614	29.89908	29.0919	3
2062.44	2064.126	1419.626	101.2154	63.77358	100.2389	98.96574	39.01649	8.646513	52.337	18.78348	33.55351	29.11315	3
2062.445	2064.132	1419.632	104.3056	73.30753	104.7629	106.8272	22.75401	23.31237	53.93362	33.01939	20.91423	26.89963	3
2062.45	2064.137	1419.637	104.4786	69.47256	104.6517	107.7295	25.72617	20.82136	53.45248	38.7556	14.69688	26.88585	3
2062.455	2064.142	1419.642	103.2055	56.47033	103.3414	102.4267	30.3314	18.15657	51.51203	20.2749	31.23714	27.93925	3
2062.46	2064.147	1419.647	100.2142	58.08988	99.84335	98.94102	36.61908	11.69264	51.68828	32.97066	18.71762	28.66445	3
2062.465	2064.153	1419.653	101.0423	75.43128	100.3007	98.08813	34.53442	10.94168	54.5239	20.28062	34.24328	28.76816	3
2062.47	2064.158	1419.658	101.8829	109.6863	100.6097	98.76797	29.59063	10.0655	60.34387	43.70806	16.6358	28.4532	5
2062.475	2064.163	1419.663	101.3143	153.6433	99.44781	95.56654	24.07433	8.743165	67.1825	30.63934	36.54316	28.67341	5
2062.48	2064.169	1419.669	101.5739	176.2711	98.27354	94.70129	29.47188	1.065014	69.4631	46.34395	23.11916	28.96942	5
2062.485	2064.174	1419.674	105.8507	156.424	103.3662	100.5108	24.0177	5.49359	70.48871	36.70128	33.78742	29.02268	5
2062.49	2064.179	1419.679	109.8185	172.1306	109.4353	102.093	0.281077	28.97731	70.74161	70.74161	0	-9999	5
2062.495	2064.184	1419.684	114.4908	230.4497	116.5551	116.5921	0	75.49441	24.50559	24.50559	0	-9999	5
2062.5	2064.19	1419.69	114.6144	292.4051	117.7046	112.8963	0	96.60833	3.391666	3.391666	0	-9999	5
2062.505	2064.195	1419.695	112.9581	252.0386	115.2819	114.5279	0	75.71159	24.28841	24.28841	0	-9999	5
2062.51	2064.2	1419.7	113.1064	262.8559	116.0359	117.7417	0	85.99938	14.00062	14.00062	0	-9999	5
2062.515	2064.206	1419.706	110.8938	248.5397	113.057	110.8197	0	66.82334	33.17666	33.17666	0	-9999	5
2062.52	2064.211	1419.711	107.0744	271.5495	108.1745	104.1572	0	47.09282	52.90718	52.90718	0	-9999	5
2062.525	2064.216	1419.716	106.3451	259.8766	107.0497	95.77667	0	41.11715	58.88285	58.88285	0	-9999	5
2062.53	2064.221	1419.721	101.1412	211.9471	99.80627	94.87434	6.004812	16.16238	77.8328	67.48818	10.34462	-9999	5
2062.535	2064.227	1419.727	94.47879	167.9137	94.24394	95.08447	14.26452	15.86589	69.86958	44.11884	25.75074	27.55458	5
2062.54	2064.232	1419.732	97.0251	182.4132	96.23402	92.21678	12.72383	15.36325	71.91292	54.55355	17.35937	28.60761	5
2062.545	2064.237	1419.737	97.0251	151.5195	95.22044	91.57402	28.05534	7.70084	64.24382	32.60125	31.64257	28.36654	5
2062.55	2064.242	1419.742	101.4626	184.8425	101.7222	100.0288	0	25.87185	74.12815	74.12815	0	-9999	5
2062.555	2064.248	1419.748	103.2055	170.0832	101.5368	100.1276	16.82324	11.93251	71.24425	57.50839	13.73586	28.35605	5
2062.56	2064.253	1419.753	99.17587	204.1549	96.9015	90.53572	16.97912	9.102193	73.91869	57.0526	16.86609	28.97895	5
2062.565	2064.258	1419.758	98.16229	189.7317	97.98924	97.12399	5.116751	20.25301	74.63024	74.63024	0	-9999	5
2062.57	2064.264	1419.764	90.95598	223.1464	92.5258	99.80627	0	25.65999	74.34001	74.34001	0	-9999	5
2062.575	2064.269	1419.769	90.52336	179.4644	89.8806	88.32315	18.2695	12.7043	69.0262	44.78789	24.23831	27.49269	5
2062.58	2064.274	1419.774	87.98941	207.4704	87.43318	87.69275	13.15271	13.8862	72.96108	45.71029	27.25079	27.14666	5
2062.585	2064.279	1419.779	86.87694	213.8416	85.94989	88.89174	15.50821	12.62686	71.86493	56.51351	15.35143	26.26606	5
2062.59	2064.285	1419.785	85.62851	158.3491	86.87694	89.44798	13.22591	15.7921	70.98199	44.98855	25.99343	27.25441	5
2062.595	2064.29	1419.79	89.4727	144.2621	91.07959	93.41577	10.32025	19.16749	70.51227	54.74611	15.76615	27.75461	5
2062.6	2064.295	1419.795	83.23053	136.7603	83.09456	83.46538	31.38569	8.660865	59.95345	28.80743	31.14601	26.94183	5
2062.605	2064.301	1419.801	80.23923	135.9963	78.23679	77.44571	48.7877	3.088235	48.12407	23.08595	25.03811	27.93185	5
2062.61	2064.306	1419.806	80.35048	151.4279	77.87833	76.03658	48.59115	3.069345	48.33951	31.02545	17.31405	27.8147	5
2062.615	2064.311	1419.811	75.17133	126.004	74.3308	72.29128	46.86351	4.117168	49.01932	32.77562	16.2437	27.79074	5
2062.62	2064.316	1419.816	74.23192	101.3899	73.76221	73.25542	50.81052	2.964024	46.22546	17.03873	29.18673	28.37074	5
2062.625	2064.322	1419.822	74.75107	83.28456	74.93648	76.44449	49.63722	3.104168	47.25861	15.90893	31.34968	28.28954	5
2062.63	2064.327	1419.827	74.10831	111.153	73.73749	76.25908	47.79519	3.778393	48.42642	25.75814	22.66827	27.28329	5
2062.635	2064.332	1419.832	76.71642	89.05994	77.94013	81.0056	38.38462	6.34761	55.26778	31.24198	24.02579	27.1663	5
2062.64	2064.337	1419.837	76.61754	78.47175	75.83881	75.3073	56.55683	1.30519	42.13798	17.62962	24.50836	29.78946	5
2062.645	2064.343	1419.843	78.79303	87.5779	78.54581	77.92777	48.23248	3.602729	48.16479	29.09115	19.07364	28.66865	5
2062.65	2064.348	1419.848	83.144	98.51749	82.7979	81.66072	42.34856	5.438538	52.2129	25.51136	26.70154	28.27199	5
2062.655	2064.353	1419.853	81.85849	89.28912	81.77196	79.89313	43.7528	5.099189	51.14802	17.28995	33.85806	28.60924	5
2062.66	2064.359	1419.859	75.64104	62.10819	75.28258	74.17011	58.15814	0.832873	41.00899	24.97378	16.03521	30.43344	5
2062.665	2064.364	1419.864	77.21085	84.06378	76.3456	70.06635	55.32828	1.622327	43.04939	28.9111	14.1383	30.58781	5
2062.67	2064.369	1419.869	82.16751	119.1133	82.66193	76.96364	31.74866	8.861683	59.38966	25.44432	33.94534	28.30286	5
2062.675	2064.374	1419.874	84.45424	106.1263	84.57785	80.77074	35.66157	7.874392	56.46404	29.4592	27.00483	28.32526	5
2062.68	2064.38	1419.88	78.71886	72.78805	78.08846	73.46555	54.84952	1.702189	43.44829	20.19025	23.25805	30.53377	5
2062.685	2064.385	1419.885	79.65828	76.348	79.32454	77.39626	50.82465	2.886242	46.28911	16.07649	30.21262	29.47088	5
2062.69	2064.39	1419.89	83.66315	97.78411	83.84856	79.86841	37.92921	7.160924	54.90987	20.09792	34.81194	28.55032	5
2062.695	2064.396	1419.896	82.01918	104.3387	82.60013	75.98714	34.78999	8.045625	57.16438	40.82727	16.33711	28.75183	5
2062.7	2064.401	1419.901	82.61249	107.532	82.63721	79.89313	37.78218	6.919496	55.29832	31.47753	23.82079	28.11461	7
2062.705	2064.406	1419.906	92.00665	173.8113	91.85832	91.87068	14.44111	15.19834	70.36055	59.02236	11.33819	27.57973	7
2062.71	2064.411	1419.911	98.66908	234.9416	99.42309	102.7234	0	29.69673	70.30327	70.30327	0	-9999	7
2062.715	2064.417	1419.917	98.24882	227.4245	98.21173	100.9805	0	23.70838	76.29162	76.29162	0	-9999	7
2062.72	2064.422	1419.922	98.85449	180.6714	98.89157	101.8705	5.043994	21.53258	73.42342	73.42342	0	-9999	7
2062.725	2064.427	1419.927	95.56654	205.7744	96.24638	98.50839	0	24.1704	75.8296	75.8296	0	-9999	7
2062.73	2064.432	1419.932	96.58012	156.4546	97.27232	100.2513	7.919725	21.86507	70.2152	50.59005	19.62515	-9999	7
2062.735	2064.438	1419.938	95.22044	211.0456	97.06219	100.9064	0	30.85167	69.14833	69.14833	0	-9999	7
2062.74	2064.443	1419.943	92.81009	163.8495	92.88426	93.05731	14.38836	16.05194	69.5597	44.38729	25.17241	27.64447	7
2062.745	2064.448	1419.948	85.17116	265.3616	84.08342	80.54825	5.855032	15.1023	79.04267	74.24493	4.797743	-9999	7
2062.75	2064.454	1419.954	81.11684	286.156	78.33568	65.65357	17.67677	11.4785	70.84473	50.36878	20.47595	27.24548	7
2062.755	2064.459	1419.959	81.92029	296.4998	81.03032	66.67951	0	16.94471	83.05529	83.05529	0	-9999	7
2062.76	2064.464	1419.964	81.92029	293.2454	82.60013	61.43856	0	21.03395	78.96605	78.96605	0	-9999	7
2062.765	2064.469	1419.969	77.33446	234.2388	74.47913	61.27787	34.29531	7.804719	57.89997	32.62528	25.27469	27.15944	7
2062.77	2064.475	1419.975	80.64714	338.333	82.40236	57.95283	0	26.46618	73.53382	73.53382	0	-9999	7
2062.775	2064.48	1419.98	77.79181	274.5442	76.48157	67.60656	12.14619	13.65037	74.20344	60.545	13.65844	27.17937	7

2062.78	2064.485	1419.985	77.18613	241.2976	74.0465	81.74724	34.92685	7.748422	57.32473	40.70097	16.62376	23.13496	7
2062.785	2064.491	1419.991	76.16019	181.2062	72.64974	65.56704	53.2867	3.069713	43.64359	26.57383	17.06976	28.28385	7
2062.79	2064.496	1419.996	79.3987	198.6698	78.74358	67.30991	23.95227	10.30658	65.74115	39.48307	26.25808	28.03211	7
2062.795	2064.501	1420.001	88.1501	262.5351	89.85588	84.08342	0	26.44021	73.55979	73.55979	0	-9999	7
2062.8	2064.506	1420.006	90.18962	221.5116	91.10431	94.62712	0	21.94265	78.05735	78.05735	0	-9999	7
2062.805	2064.512	1420.012	89.4727	192.4055	89.13896	94.09561	13.70946	14.35179	71.93875	45.15911	26.77964	26.46402	7
2062.81	2064.517	1420.017	88.96591	202.4895	87.68039	79.72008	19.11165	11.21159	69.67676	44.47457	25.20219	28.27284	7
2062.815	2064.522	1420.022	85.51726	231.565	84.36772	90.7953	14.19438	12.71864	73.08697	61.73557	11.35141	25.41262	7
2062.82	2064.527	1420.027	84.10814	271.2134	83.05748	77.70528	5.129498	15.3368	79.5337	74.14683	5.38687	-9999	7
2062.825	2064.533	1420.033	77.02544	245.6368	72.8846	67.23574	41.78405	6.242917	51.97303	29.15521	22.81782	25.66805	7
2062.83	2064.538	1420.038	76.85239	298.486	71.93282	63.72529	35.18886	8.500903	56.31023	25.34023	30.97	24.76899	7
2062.835	2064.543	1420.043	76.96364	237.7071	73.91054	70.1776	35.32987	7.671602	56.99853	31.22079	25.77774	25.303	7
2062.84	2064.549	1420.049	79.26273	223.2534	77.81653	78.33568	24.25907	10.1197	65.62123	48.21845	17.40278	25.32212	7
2062.845	2064.554	1420.054	79.60883	163.3453	81.26517	78.87955	14.39369	13.80155	71.80476	54.02584	17.77892	27.87155	7
2062.85	2064.559	1420.059	77.80417	134.5601	78.15027	80.10326	33.17434	7.835103	58.99056	22.92988	36.06067	26.43064	7
2062.855	2064.564	1420.064	78.71886	97.63133	78.94135	79.36162	42.22754	5.363689	52.40877	36.92869	15.48007	27.76629	7
2062.86	2064.57	1420.07	77.34682	109.7932	76.74114	79.64592	46.96495	3.935124	49.09992	29.26461	19.83531	27.36656	7
2062.865	2064.575	1420.075	78.66942	140.4424	77.97722	75.9377	39.00162	6.116834	54.88154	23.404	31.47755	27.22438	7
2062.87	2064.58	1420.08	81.85849	160.0757	81.07976	79.94257	31.98701	8.014306	59.99868	38.15835	21.84033	26.75139	7
2062.875	2064.586	1420.086	82.58777	134.0254	81.74724	79.1144	38.09922	6.280081	55.6207	33.1551	22.4656	27.66367	7
2062.88	2064.591	1420.091	81.09212	122.2607	80.46172	78.32332	40.69374	5.64496	53.6613	29.61334	24.04796	27.8189	7
2062.885	2064.596	1420.096	78.95371	144.7816	78.65706	74.31844	34.62453	7.393886	57.98158	23.4708	34.51078	27.46536	7
2062.89	2064.601	1420.101	74.76343	153.078	73.6386	73.32958	42.89018	5.349687	51.76013	23.65962	28.10051	26.56664	7
2062.895	2064.607	1420.107	77.64348	159.1742	76.87711	76.80295	35.98718	6.990077	57.02275	26.34908	30.67366	26.3354	7
2062.9	2064.612	1420.112	76.96364	142.1842	75.17133	75.40618	48.67525	3.629084	47.69567	23.04419	24.65148	27.32792	7
2062.905	2064.617	1420.117	84.84978	93.7658	84.23175	82.51361	44.03666	4.874379	51.08896	26.25857	24.83039	28.68977	7
2062.91	2064.622	1420.122	79.91785	105.836	80.32576	80.83255	37.702	6.806095	55.4919	37.98992	17.50199	27.41878	7
2062.915	2064.628	1420.128	80.95615	117.2187	81.22809	83.52719	35.04591	7.619158	57.33493	34.34855	22.98638	26.85096	7
2062.92	2064.633	1420.133	78.84247	128.5403	79.41106	79.53467	31.95158	8.326969	59.72145	36.30237	23.41908	26.92997	7
2062.925	2064.638	1420.138	80.73366	125.4692	80.44936	77.09961	37.56478	6.645174	55.79005	25.67665	30.1134	27.81283	7
2062.93	2064.644	1420.144	81.22809	204.4757	81.07976	74.29372	16.93657	12.49112	70.5723	52.2357	18.33661	27.74274	7
2062.935	2064.649	1420.149	81.99445	210.7553	81.68544	76.35796	15.95721	12.73641	71.30639	56.35567	14.95072	27.50793	7
2062.94	2064.654	1420.154	81.4135	157.4019	80.3134	75.40618	35.53414	6.894483	57.57137	40.87955	16.69183	27.50756	7
2062.945	2064.659	1420.159	83.95981	118.2729	83.144	80.26395	40.45744	5.66087	53.88169	25.91695	27.96474	28.18544	7
2062.95	2064.665	1420.165	80.33812	141.5119	78.78066	72.20476	43.9133	4.507618	51.57909	29.48262	22.09646	28.44766	7
2062.955	2064.67	1420.17	78.7683	191.4735	76.45685	71.3395	39.11036	6.043896	54.84575	19.82872	35.01703	26.7865	7
2062.96	2064.675	1420.175	83.95981	149.4416	83.65079	84.00925	28.98699	9.26999	61.74302	25.86651	35.87651	26.78738	7
2062.965	2064.681	1420.181	82.87207	134.7129	82.43944	79.48523	34.51003	7.544553	57.94542	39.74774	18.19768	27.60674	7
2062.97	2064.686	1420.186	82.46416	102.5816	82.66193	81.90793	37.77548	7.022015	55.2025	28.00645	27.19605	27.81862	7
2062.975	2064.691	1420.191	82.42708	98.53277	82.36528	81.27753	40.80113	5.996768	53.2021	18.45935	34.74275	28.11282	7
2062.98	2064.696	1420.196	76.98836	95.93538	76.91419	76.71642	46.52912	4.045874	49.425	20.86878	28.55623	28.15653	7
2062.985	2064.702	1420.202	73.13181	92.14625	72.13059	71.562	58.17879	1.208803	40.61241	13.3958	27.21661	29.51221	7
2062.99	2064.707	1420.207	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2063.3	2065.034	1420.534	159.8176	60.58031	161.1279	153.3035	0	100	0	0	0	-9999	7
2063.305	2065.039	1420.539	154.3789	70.28233	154.3665	153.5878	0	100	0	0	0	-9999	7
2063.31	2065.045	1420.545	145.9489	85.94307	146.1343	146.8265	0	100	0	0	0	-9999	7
2063.315	2065.05	1420.55	145.3803	104.629	146.6782	146.6411	0	100	0	0	0	-9999	7
2063.32	2065.055	1420.555	145.096	71.09211	145.7511	146.2455	0	100	0	0	0	-9999	7
2063.325	2065.061	1420.561	146.8759	65.79037	146.3568	146.468	0	100	0	0	0	-9999	7
2063.33	2065.066	1420.566	144.9847	88.98354	144.9229	146.1343	0	100	0	0	0	-9999	7
2063.335	2065.071	1420.571	139.991	62.15403	140.4484	141.9811	0	100	0	0	0	-9999	7
2063.34	2065.076	1420.576	139.8303	78.04395	140.3618	139.4842	0	100	0	0	0	-9999	7
2063.345	2065.082	1420.582	138.7549	81.08442	139.0269	137.0492	0	100	0	0	0	-9999	7
2063.35	2065.087	1420.587	134.0208	68.55583	133.8848	133.7241	1.16413	90.7858	8.05007	8.05007	0	-9999	7
2063.355	2065.092	1420.592	126.7897	47.53225	127.074	124.5648	9.647331	71.76738	18.58529	7.927845	10.65744	20.95255	7
2063.36	2065.097	1420.597	131.8329	71.81021	131.7464	130.1889	2.00621	82.89385	15.09994	15.09994	0	-9999	7
2063.365	2065.103	1420.603	124.7749	63.20826	124.8491	125.7762	9.335876	60.50386	30.16026	22.03038	8.129887	22.24849	7
2063.37	2065.108	1420.608	121.5735	37.37187	121.7713	121.8455	17.57564	51.75124	30.67312	8.517189	22.15593	23.23642	7
2063.375	2065.113	1420.613	118.4092	23.78904	118.6687	119.7936	23.29491	43.52889	33.1762	10.64422	22.53198	24.18473	7
2063.38	2065.119	1420.619	118.1496	17.38724	118.2856	118.4339	26.04091	40.34566	33.61343	8.599565	25.01386	24.75664	7
2063.385	2065.124	1420.624	117.5439	26.78368	117.6552	118.2114	24.51578	39.1654	36.31881	11.84857	24.47024	24.88885	7
2063.39	2065.129	1420.629	115.4797	40.12204	115.8258	117.2349	21.36688	39.12682	39.50629	22.74444	16.76186	24.95837	7
2063.395	2065.134	1420.634	112.8098	37.83023	113.3165	114.0458	23.13248	35.54293	41.32458	28.22057	13.10401	25.6265	7
2063.4	2065.14	1420.64	111.8703	42.24579	112.2659	111.4006	23.79034	32.55696	43.6527	32.31665	11.33605	26.29106	7
2063.405	2065.145	1420.645	110.5601	33.36883	110.4736	107.7542	30.88002	23.95542	45.16457	22.0915	23.07307	27.67242	7
2063.41	2065.15	1420.65	108.9532	30.17557	108.2486	106.9631	37.92091	14.98806	47.09103	15.57993	31.5111	28.73614	7
2063.415	2065.156	1420.656	109.0397	24.04878	108.5577	106.0855	37.59967	16.97749	45.42284	25.94843	19.47442	28.74488	7
2063.42	2065.161	1420.661	107.5564	19.3582	107.6801	106.5305	35.40543	20.95822	43.63635	21.45503	22.18132	27.99127	7
2063.425	2065.166	1420.666	106.4811	26.99758	106.5552	107.3216	34.92923	19.55832	45.51245	14.15247	31.35999	27.74363	7
2063.43	2065.171	1420.671	106.6665	20.53466	106.8395	106.889	35.55632	20.30771	44.13598	29.76757	14.36841	27.85616	7
2063.435	2065.177	1420.677	108.125	26.08086	107.5564	107.0126	38.62	15.20872	46.17128	22.01592	24.15537	28.6433	7
2063.44	2065.182	1420.682	106.9631	22.58202	106.9384	107.2227	36.32066	18.93278	44.74655	17.64939	27.09717	27.98102	7
2063.445	2065.187	1420.687	106.0732	18.04422	106.1597	106.9631	37.37542	18.54893	44.07565	29.04072	15.03493	28.01877	7

2063.45	2065.192	1420.692	104.3921	21.31388	104.2561	103.2426	39.85506	14.84195	45.30298	31.37373	13.92926	28.88541	7
2063.455	2065.198	1420.698	103.2302	15.21765	103.0448	101.4379	42.78249	12.82977	44.38774	19.88363	24.50411	29.47068	7
2063.46	2065.203	1420.703	102.229	20.30548	101.4873	100.1276	46.78316	8.067303	45.14954	14.69018	30.45935	30.24346	7
2063.465	2065.208	1420.708	101.1907	19.95407	100.1524	98.84213	50.12253	5.248558	44.62891	15.05339	29.57552	30.89181	7
2063.47	2065.214	1420.714	100.1276	16.54691	99.47253	99.17587	48.95538	6.920665	44.12395	19.23014	24.89381	30.39619	7
2063.475	2065.219	1420.719	99.08935	14.02591	98.61964	98.23646	49.08377	7.225529	43.6907	29.05147	14.63923	30.39701	7
2063.48	2065.224	1420.724	98.31062	16.94415	98.08813	97.81619	47.17807	8.398347	44.42359	14.76988	29.65371	29.99807	7
2063.485	2065.229	1420.729	97.49481	21.40555	97.0251	96.62956	48.76486	6.629453	44.60568	31.38713	13.21855	30.29453	7
2063.49	2065.235	1420.735	97.81619	16.27189	97.72967	97.72967	46.74188	8.804513	44.45361	26.73043	17.72318	29.85994	7
2063.495	2065.24	1420.74	99.10171	17.29557	99.00282	98.40951	45.40727	9.836155	44.75658	31.92949	12.82708	29.75166	7
2063.5	2065.245	1420.745	100.7828	34.11749	100.2389	98.71852	43.23843	9.331128	47.43044	18.75134	28.6791	29.64448	7
2063.505	2065.251	1420.751	102.0683	33.85775	101.4997	99.89279	42.31021	10.12963	47.56016	31.26947	16.29069	29.53403	7
2063.51	2065.256	1420.756	101.3019	29.7172	100.8322	100.0164	43.25091	9.955022	46.79407	25.51836	21.27571	29.50552	7
2063.515	2065.261	1420.761	100.5603	34.9731	100.1524	98.58256	42.18232	10.15278	47.6649	20.33902	27.32589	29.47535	7
2063.52	2065.266	1420.766	99.64558	27.22676	99.52197	99.23767	42.69515	10.80148	46.50337	24.29834	22.20503	29.27301	7
2063.525	2065.272	1420.772	101.1907	22.26116	100.7457	100.3625	44.96603	9.537967	45.49601	21.31324	24.18276	29.689	7
2063.53	2065.277	1420.777	99.71974	29.56442	99.34892	99.16351	43.97712	9.382052	46.64083	33.68695	12.95388	29.47707	7
2063.535	2065.282	1420.782	99.07699	36.59265	99.15115	99.44781	39.41898	12.2431	48.33792	18.43142	29.9065	28.70352	7
2063.54	2065.287	1420.787	99.27476	26.58506	99.01518	98.58256	44.24535	9.561803	46.19285	16.31448	29.87837	29.54948	7
2063.545	2065.293	1420.793	100.3625	37.87607	99.70738	98.73088	43.57766	8.523432	47.89891	18.09037	29.80854	29.60507	7
2063.55	2065.298	1420.798	98.9781	34.51474	98.31062	98.07577	45.76055	7.285054	46.9544	27.78377	19.17062	29.78277	7
2063.555	2065.303	1420.803	98.52075	36.9899	98.11285	98.10049	43.57061	8.757889	47.6715	18.09932	29.57218	29.36559	7
2063.56	2065.309	1420.809	98.78033	28.51018	98.2859	97.70494	46.05446	7.829622	46.11592	23.81812	22.29779	29.88136	7
2063.565	2065.314	1420.814	98.53311	24.79744	98.24882	97.85327	45.55186	8.712777	45.73537	29.67358	16.06179	29.74679	7
2063.57	2065.319	1420.819	97.08691	31.13813	97.32176	97.33412	41.3245	11.14518	47.53032	27.84067	19.68965	29.00277	7
2063.575	2065.324	1420.824	94.39227	31.56593	94.34283	92.73593	45.90334	7.555793	46.54087	19.87821	26.66266	29.9239	7
2063.58	2065.33	1420.83	95.04739	46.73775	94.2563	89.9424	47.37679	5.164723	47.45849	19.79616	27.66233	30.61136	7
2063.585	2065.335	1420.835	94.56532	37.50938	93.5023	90.12782	52.16107	2.95566	44.88327	22.61187	22.2714	31.2933	7
2063.59	2065.34	1420.84	93.47757	41.39018	91.78415	89.00299	57.10821	0	42.89179	17.31446	25.57733	31.90927	7
2063.595	2065.346	1420.846	92.78537	35.61481	91.63583	88.85466	54.92767	1.721663	43.35067	19.77503	23.57564	31.61977	7
2063.6	2065.351	1420.851	92.92134	25.79056	92.01901	90.80766	55.26413	2.231426	42.50444	13.58617	28.91827	31.47954	7
2063.605	2065.356	1420.856	90.78293	18.02895	90.38739	89.86824	55.18216	2.954631	41.86321	12.79315	29.07006	31.29246	7
2063.61	2065.361	1420.861	90.88182	12.94112	90.7953	90.84474	53.92754	3.977849	42.09461	13.77302	28.32159	30.99693	7
2063.615	2065.367	1420.867	90.78293	23.43763	90.42447	90.67169	53.58587	3.476075	42.93806	27.47077	15.46729	30.7995	7
2063.62	2065.372	1420.872	89.44798	21.98615	89.28729	88.12538	53.63256	3.523909	42.84353	28.54415	14.29939	31.02832	7
2063.625	2065.377	1420.877	89.65811	18.86928	89.21312	86.96347	56.39682	2.282161	41.32102	18.81804	22.50298	31.79088	7
2063.63	2065.382	1420.882	89.29965	18.5637	88.92883	87.81636	56.22578	2.391426	41.3828	29.83859	11.5442	31.53406	7
2063.635	2065.388	1420.888	91.62346	17.76921	90.86946	89.58394	57.2498	1.794222	40.95598	20.15279	20.80319	31.89582	5
2063.64	2065.393	1420.893	96.30818	22.68897	96.17221	95.30696	46.95949	7.818471	45.22203	20.59084	24.6312	30.02511	5
2063.645	2065.398	1420.898	103.7493	18.99151	103.0448	100.9805	45.41501	9.433267	45.15172	25.84343	19.30829	30.12744	5
2063.65	2065.404	1420.904	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2063.69	2065.446	1420.946	94.62712	23.37651	94.40463	93.09439	49.01025	6.266557	44.72319	19.23933	25.48386	30.41188	5
2063.695	2065.451	1420.951	95.24516	28.41851	95.36877	94.07089	44.53922	8.859368	46.60141	21.70876	24.89265	29.68946	5
2063.7	2065.456	1420.956	96.02388	11.27573	96.2093	96.19694	47.49236	8.643245	43.86439	22.29064	21.57375	29.9728	5
2063.705	2065.462	1420.962	100.5726	27.28788	100.276	100.3872	43.16861	10.41002	46.42138	30.80583	15.61555	29.29003	7
2063.71	2065.467	1420.967	99.63322	25.46971	99.23767	99.08935	45.23923	8.877029	45.88374	22.67318	23.21056	29.672	7
2063.715	2065.472	1420.972	101.4873	24.00294	101.1041	100.758	43.79261	10.33939	45.868	21.52229	24.34571	29.48112	7
2063.72	2065.478	1420.978	100.9558	25.17941	100.721	101.7345	42.84735	11.02398	46.12867	26.83224	19.29643	29.06205	7
2063.725	2065.483	1420.983	100.3501	28.12821	100.0782	99.96696	42.97835	10.45241	46.56924	25.1106	21.45864	29.29915	7
2063.73	2065.488	1420.988	100.004	30.87839	99.84335	99.11407	41.76906	11.10388	47.12707	24.13369	22.99338	29.22353	7
2063.735	2065.493	1420.993	98.71852	25.48498	98.6938	98.53311	43.20318	10.54503	46.25179	26.92058	19.33121	29.31548	7
2063.74	2065.499	1420.999	98.95338	30.9395	98.53311	97.58134	44.73258	8.58306	46.68436	29.04802	17.63634	29.72918	7
2063.745	2065.504	1421.004	97.19815	28.37267	97.04983	96.59248	44.86106	8.779551	46.35939	23.4718	22.88759	29.61602	7
2063.75	2065.509	1421.009	96.3329	28.281	96.69136	97.16107	41.75165	11.03319	47.21515	31.71069	15.50447	28.97509	7
2063.755	2065.514	1421.014	97.49481	34.02582	97.32176	96.92622	43.41167	9.235873	47.35246	18.78574	28.56672	29.3834	7
2063.76	2065.52	1421.02	98.33534	28.69353	98.01396	97.63078	45.07834	8.598838	46.32282	24.97457	21.34825	29.6628	7
2063.765	2065.525	1421.025	98.6938	22.06254	98.65672	98.48367	44.14995	10.21447	45.63558	27.77413	17.86145	29.46366	7
2063.77	2065.53	1421.03	100.6715	40.79431	100.3131	100.2513	40.28805	10.9755	48.73645	35.24444	13.49201	28.92781	7
2063.775	2065.536	1421.036	100.0782	43.6056	99.83099	97.77911	39.29141	11.44046	49.26813	35.80961	13.45851	29.15225	7
2063.78	2065.541	1421.041	101.1659	56.62311	100.8322	99.23767	35.81102	12.62543	51.56356	26.96955	24.59401	28.69033	7
2063.785	2065.546	1421.046	100.2142	41.17628	99.55905	98.14993	42.91547	8.642996	48.44153	35.29509	13.14644	29.57997	7
2063.79	2065.551	1421.051	102.6369	47.50169	102.1919	100.3996	37.52731	12.44417	50.02852	26.2443	23.78421	28.91828	7
2063.795	2065.557	1421.057	101.0053	46.43218	101.0671	100.5479	35.3596	14.61732	50.02308	24.61275	25.41033	28.36984	7
2063.8	2065.562	1421.062	100.3625	43.682	100.2265	99.59614	38.14921	12.44613	49.40466	28.65546	20.7492	28.73503	7
2063.805	2065.567	1421.067	100.5108	61.57343	99.88043	100.3254	37.51484	10.39427	52.09088	25.09978	26.9911	28.53934	7
2063.81	2065.573	1421.073	100.8322	61.75678	100.3872	100.7086	35.73787	11.91908	52.34305	21.43672	30.90633	28.34994	7
2063.815	2065.578	1421.078	99.58378	43.72783	99.41073	99.59614	39.14193	11.53553	49.32254	16.65209	32.67046	28.71133	7
2063.82	2065.583	1421.083	98.31062	46.11132	97.91508	98.0016	41.46075	9.300378	49.23887	28.0342	21.20467	29.03251	7
2063.825	2065.588	1421.088	99.55905	54.77438	98.59492	97.48245	42.62233	7.136604	50.24106	30.57051	19.67056	29.48974	7
2063.83	2065.594	1421.094	100.1029	90.71004	98.06341	98.07577	41.75976	3.045981	55.19426	30.66553	24.52872	29.25546	7
2063.835	2065.599	1421.099	100.2018	74.6979	98.12521	96.39471	45.83111	1.759342	52.40954	15.8904	36.51914	30.2166	7
2063.84	2065.604	1421.104	98.53311	67.31825	96.65428	95.69015	47.61946	2.017709	50.36283	17.78112	32.58172	30.22241	7
2063.845	2065.609	1421.109	95.62834	46.38634	94.81253	96.46887	47.11895	5.30602	47.57503	29.67374	17.90129	29.49578	7

2063.85	2065.615	1421.115	95.39349	32.94102	95.5789	96.38235	42.82933	9.612856	47.55781	17.33924	30.21858	29.0463	7
2063.855	2065.62	1421.12	94.23158	27.11981	93.94728	93.86076	48.94725	5.959193	45.09355	28.90483	16.18872	30.14438	7
2063.86	2065.625	1421.125	93.73715	24.69049	93.6259	92.83482	48.64889	6.352482	44.99863	18.59708	26.40155	30.22173	7
2063.865	2065.631	1421.131	92.45163	19.5721	92.19206	90.88182	52.21976	4.530853	43.24939	23.14792	20.10146	30.93092	7
2063.87	2065.636	1421.136	92.40219	20.96247	92.3033	90.21434	50.68343	5.339014	43.97755	22.35543	21.62212	30.78999	7
2063.875	2065.641	1421.141	92.68649	25.10302	92.88426	91.1414	47.12077	7.194633	45.6846	17.56844	28.11616	30.12812	7
2063.88	2065.646	1421.146	92.21678	19.89296	92.34039	91.43805	49.38851	6.18448	44.42701	24.91796	19.50905	30.35499	7
2063.885	2065.652	1421.152	93.00787	24.72105	93.05731	92.62468	48.06709	6.670794	45.26212	23.48108	21.78104	30.04211	7
2063.89	2065.657	1421.157	94.81253	18.80816	95.03503	94.72601	46.49657	8.415188	45.08824	21.26412	23.82412	29.82935	7
2063.895	2065.662	1421.162	99.53433	24.72105	99.13879	98.78033	45.51138	8.751735	45.73688	17.30325	28.43363	29.75278	7
2063.9	2065.668	1421.168	101.0423	29.56442	100.5974	98.89157	43.3351	9.912451	46.75245	17.12276	29.62968	29.674	7
2063.905	2065.673	1421.173	105.5169	51.96309	105.863	104.182	27.66708	22.49897	49.83395	33.19099	16.64296	27.63967	7
2063.91	2065.678	1421.178	103.3662	47.50169	102.5504	100.7457	39.73024	10.18791	50.08185	33.93073	16.15113	29.28482	7
2063.915	2065.683	1421.183	103.601	42.15412	103.5516	103.6628	34.86895	16.12104	49.01	19.87478	29.13523	28.13296	7
2063.92	2065.689	1421.189	101.1412	45.14876	100.894	99.21295	37.93998	12.44519	49.61483	17.53528	32.07954	28.91547	7
2063.925	2065.694	1421.194	101.1783	42.35274	100.8322	99.07699	39.34887	11.58476	49.06637	27.20568	21.8607	29.11596	7
2063.93	2065.699	1421.199	103.1066	49.53377	102.7605	103.0571	35.83705	13.76238	50.40057	34.86652	15.53404	28.31363	7
2063.935	2065.704	1421.204	103.6752	54.01044	103.6628	104.1696	31.6441	17.30349	51.05241	25.78367	25.26874	27.77742	7
2063.94	2065.71	1421.21	103.5392	44.29315	103.3785	102.3773	35.27033	15.29999	49.42968	30.73303	18.69665	28.41969	7
2063.945	2065.715	1421.215	98.84213	24.81272	98.60728	98.94102	44.88068	9.261747	45.85757	29.35854	16.49903	29.49962	7
2063.95	2065.72	1421.22	99.10171	24.99606	98.78033	98.86685	45.26807	8.921986	45.80994	31.59852	14.21143	29.6178	3
2063.955	2065.726	1421.226	100.0164	84.17073	98.38478	97.54425	40.26062	5.120486	54.61889	25.07507	29.54382	29.18162	3
2063.96	2065.731	1421.231	98.82977	82.94843	96.79025	94.8867	44.80938	2.218448	52.97218	22.4273	30.54488	29.93988	3
2063.965	2065.736	1421.236	101.648	102.1538	99.39836	98.66908	39.19741	2.817482	57.98511	26.90631	31.0788	29.22335	3
2063.97	2065.741	1421.241	99.3242	46.14188	98.17465	98.13757	46.3644	5.262128	48.37347	29.96299	18.41049	29.88412	3
2063.975	2065.747	1421.247	105.2079	57.32594	104.4045	101.8952	35.56257	12.40109	52.03635	32.44357	19.59278	28.92777	3
2063.98	2065.752	1421.252	104.219	55.90501	104.0213	103.6381	32.12219	16.47689	51.40092	36.48071	14.92021	28.01987	3
2063.985	2065.757	1421.257	103.3414	46.06548	102.6987	101.203	38.7594	11.41578	49.82482	31.80288	18.02193	29.05418	3
2063.99	2065.763	1421.263	107.8902	42.01661	107.1609	107.4328	36.22495	14.46177	49.31328	16.6399	32.67338	28.34378	3
2063.995	2065.768	1421.268	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2064.305	2066.095	1421.595	117.2102	41.3749	117.0495	117	23.39925	35.02517	41.57558	28.30619	13.26939	25.54718	3
2064.31	2066.1	1421.6	121.2151	94.60613	120.6588	119.6947	9.898271	39.89274	50.20899	30.34244	19.86655	25.71437	3
2064.315	2066.106	1421.606	126.8268	57.96765	127.0246	126.4313	7.758418	70.33246	21.90912	10.34477	11.56435	-9999	3
2064.32	2066.111	1421.611	119.5216	120.6412	121.5735	124.0951	0	87.26558	12.73442	12.73442	0	-9999	3
2064.325	2066.116	1421.616	111.0051	87.10426	109.5589	107.1856	28.00418	12.79343	59.20239	38.09651	21.10589	28.62046	3
2064.33	2066.121	1421.621	108.2486	47.22667	107.3463	103.5887	35.97547	13.4589	50.56562	19.43054	31.13509	29.15414	3
2064.335	2066.127	1421.627	109.0027	25.28636	108.9038	108.0509	34.36463	21.0531	44.58227	24.40105	20.18122	27.81688	3
2064.34	2066.132	1421.632	109.8061	66.01956	109.0768	106.4563	28.6536	18.05501	53.29139	35.29846	17.99292	28.16669	3
2064.345	2066.137	1421.637	112.4019	107.9751	112.2164	109.3982	11.89727	30.61265	57.49008	45.34346	12.14662	27.47025	3
2064.35	2066.143	1421.643	109.9915	38.18164	109.6825	109.9668	31.96274	20.97445	47.06281	25.91985	21.14296	27.46343	3
2064.355	2066.148	1421.648	118.3844	87.13481	117.9518	116.8764	13.35253	35.97044	50.67703	42.46262	8.214407	26.09334	3
2064.36	2066.153	1421.653	119.7441	78.28841	119.5216	121.6724	12.61393	41.83204	45.55403	31.07968	14.47436	24.71977	3
2064.365	2066.158	1421.658	113.9222	109.946	114.3548	117.6799	5.231771	41.71779	53.05044	53.05044	0	-9999	3
2064.37	2066.164	1421.664	107.7789	82.97899	107.0373	107.2598	26.5102	16.99812	56.49168	41.89716	14.59453	27.69274	3
2064.375	2066.169	1421.669	115.1707	165.6677	114.1694	112.7232	1.710866	27.63814	70.65099	70.65099	0	-9999	3
2064.38	2066.174	1421.674	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2064.415	2066.211	1421.711	102.7234	16.31772	102.4762	100.6221	43.4615	11.9313	44.6072	20.41116	24.19605	29.64569	3
2064.42	2066.216	1421.716	103.6505	56.68423	102.9088	101.7098	36.67174	11.60544	51.72282	32.29003	19.4328	28.78966	3
2064.425	2066.222	1421.722	99.89279	35.4773	98.74325	96.19694	48.42212	4.8349	46.74298	30.09592	16.64706	30.74166	3
2064.43	2066.227	1421.727	98.50839	30.43531	97.63078	96.22166	48.80843	5.43073	45.76084	18.4933	27.26754	30.52331	3
2064.435	2066.232	1421.732	101.5244	109.6099	99.83099	98.84213	33.19596	7.002097	59.80194	26.51599	33.28595	28.57362	3
2064.44	2066.238	1421.738	97.90272	64.30833	97.03746	93.972	41.07258	7.450393	51.47703	19.064	32.41303	29.54501	3
2064.445	2066.243	1421.743	95.69015	47.80726	95.0103	91.59874	45.66447	6.152702	48.18283	35.04665	13.13618	30.1946	3
2064.45	2066.248	1421.748	94.61476	38.48722	93.74951	91.82124	50.34621	4.023305	45.63048	33.56208	12.0684	30.6824	3
2064.455	2066.253	1421.753	104.6764	70.9546	104.5652	106.2833	27.38886	18.71058	53.90056	22.76797	31.13259	27.29091	3
2064.46	2066.259	1421.759	109.2993	100.0607	108.0262	109.6083	25.09691	14.20206	60.70102	29.3477	31.35332	27.69602	3
2064.465	2066.264	1421.764	103.0324	81.95531	103.601	105.9619	20.97039	23.17493	55.85468	24.7294	31.12528	26.89103	3
2064.47	2066.269	1421.769	99.78155	64.62919	98.70616	96.22166	40.89494	7.217436	51.88763	19.97233	31.9153	29.51281	3
2064.475	2066.274	1421.774	100.9187	62.07763	101.3761	101.03	28.58754	18.44735	52.96511	36.64023	16.32487	27.75245	3
2064.48	2066.28	1421.78	102.4144	62.18459	102.4885	103.5145	30.15532	17.19816	52.64651	31.07993	21.56659	27.61348	3
2064.485	2066.285	1421.785	101.203	40.3665	100.8817	99.13879	39.6152	11.64726	48.73754	20.83686	27.90067	29.13657	3
2064.49	2066.29	1421.79	102.0436	39.09837	102.0436	102.7728	36.65812	14.69344	48.64844	34.44072	14.20772	28.24455	3
2064.495	2066.296	1421.796	101.1536	48.09756	101.2896	101.7345	34.24534	15.41264	50.34202	22.18232	28.1597	28.06124	3
2064.5	2066.301	1421.801	106.1844	77.72309	105.2079	102.4762	31.06922	13.06896	55.86183	24.14945	31.71238	28.65692	3
2064.505	2066.306	1421.806	105.0101	73.96452	104.5528	101.3884	29.0357	16.29645	54.66785	26.46554	28.20231	28.40609	3
2064.51	2066.311	1421.811	101.9076	56.08836	101.2648	101.1165	37.65301	10.96421	51.38279	25.35935	26.02343	28.6754	3
2064.515	2066.317	1421.817	104.355	55.67583	104.5652	105.8259	28.89131	20.05848	51.05021	26.88188	24.16833	27.32564	3
2064.52	2066.322	1421.822	105.9496	51.70335	106.1473	106.6047	28.48147	21.69251	49.82602	29.45159	20.37442	27.31311	3
2064.525	2066.327	1421.827	104.7876	56.33282	104.4292	103.3167	32.7409	15.7313	51.5278	32.39453	19.13327	28.23688	3
2064.53	2066.333	1421.833	109.2499	54.39241	109.3858	108.5453	25.27341	25.90088	48.82572	22.35767	26.46804	27.05581	3
2064.535	2066.338	1421.838	101.8581	54.98829	101.4873	98.66908	35.85721	12.83446	51.30834	18.33845	32.96988	28.91555	3
2064.54	2066.343	1421.843	98.38478	25.80584	98.16229	97.54425	44.96531	9.053183	45.98151	23.34488	22.63662	29.67715	3
2064.545	2066.348	1421.848	100.5108	54.91189	100.3501	98.26118	35.4867	13.16292	51.35038	32.81272	18.53766	28.71657	3

2064.55	2066.354	1421.854	101.92	72.00883	102.0188	101.3884	28.04114	17.53467	54.42419	32.81919	21.605	27.82032	3
2064.555	2066.359	1421.859	100.8693	55.99668	101.9941	103.1066	24.93165	22.92274	52.14561	33.28533	18.86028	27.18319	3
2064.56	2066.364	1421.864	100.0164	62.2457	100.9558	102.9212	25.64098	20.88035	53.47867	33.8927	19.58597	27.15827	3
2064.565	2066.369	1421.869	101.1783	34.56057	100.758	99.85571	41.80935	10.53307	47.65758	22.25222	25.40535	29.29218	3
2064.57	2066.375	1421.875	105.0472	83.77348	105.1461	107.7542	22.31701	21.82789	55.8551	23.47469	32.38041	26.8778	3
2064.575	2066.38	1421.88	107.334	77.90644	107.7666	108.2734	19.04656	27.68444	53.26901	34.88392	18.38508	26.8262	3
2064.58	2066.385	1421.885	105.2079	96.53126	104.4415	102.1177	25.78749	15.36258	58.84993	34.73944	24.11049	28.24357	3
2064.585	2066.391	1421.891	105.0101	71.68798	105.4428	106.9755	22.68934	23.92715	53.38352	33.5457	19.83782	26.91678	3
2064.59	2066.396	1421.896	110.4859	84.09434	111.9569	114.8122	6.602421	45.82782	47.56976	42.81093	4.758836	-9999	3
2064.595	2066.401	1421.901	110.3005	63.28466	110.4859	110.35	21.77169	28.69987	49.52844	21.86704	27.6614	26.65678	3
2064.6	2066.406	1421.906	109.8185	42.65832	110.2634	111.4624	25.19506	29.47026	45.33468	28.40778	16.92691	26.30738	3
2064.605	2066.412	1421.912	109.596	88.02098	111.5984	115.0965	2.351734	50.37827	47.27	47.27	0	-9999	3
2064.61	2066.417	1421.917	110.8073	119.1744	113.3289	114.6639	0	62.55335	37.44665	37.44665	0	-9999	3
2064.615	2066.422	1421.922	106.8148	137.2339	109.596	108.6936	0	55.29917	44.70083	44.70083	0	-9999	3
2064.62	2066.428	1421.928	105.2203	141.8786	107.0126	110.1893	0	41.6662	58.3338	58.3338	0	-9999	3
2064.625	2066.433	1421.933	104.5033	186.1871	108.1621	113.3165	0	61.50275	38.49725	38.49725	0	-9999	3
2064.63	2066.438	1421.938	99.54669	194.9418	100.1276	97.70494	0	26.78481	73.21519	73.21519	0	-9999	3
2064.635	2066.443	1421.943	94.44171	117.1576	92.08081	91.1414	43.05846	2.132163	54.80938	26.89794	27.91144	28.91525	3
2064.64	2066.449	1421.949	89.68283	60.04556	89.2502	90.01657	46.31362	5.121879	48.5645	15.75337	32.81113	29.15214	2
2064.645	2066.454	1421.954	85.23297	37.9983	85.10936	85.75212	53.34804	2.816787	43.83517	24.72999	19.10518	30.26115	2
2064.65	2066.459	1421.959	84.94867	57.40233	83.8362	82.94623	56.57747	0.932522	42.49001	29.27535	13.21466	30.78613	2
2064.655	2066.464	1421.964	85.99933	47.96005	84.63965	84.03398	59.81181	0	40.18819	26.36828	13.81992	31.26525	2
2064.66	2066.47	1421.97	87.64331	36.33291	86.90167	85.18352	56.32333	1.540014	42.13665	29.41466	12.722	31.36054	2
2064.665	2066.475	1421.975	86.98819	51.19915	86.1971	84.76326	53.71159	2.145965	44.14244	24.51651	19.62593	30.61235	2
2064.67	2066.48	1421.98	90.14018	64.50696	89.90532	92.78537	43.28047	6.442076	50.27745	18.64721	31.63024	28.37365	2
2064.675	2066.486	1421.986	86.8275	40.59569	86.53084	87.79164	52.59364	3.073193	44.33317	13.06562	31.26755	30.06347	2
2064.68	2066.491	1421.991	87.18596	53.67431	86.69153	83.98453	50.63156	3.4107	45.95774	27.14043	18.81731	30.34106	2
2064.685	2066.496	1421.996	86.34543	38.9303	86.38251	85.99933	50.85368	3.903561	45.24276	22.82289	22.41987	30.09954	2
2064.69	2066.501	1422.001	82.06862	36.62321	82.09334	80.16507	55.44246	1.927629	42.62991	16.54275	26.08716	30.95179	2
2064.695	2066.507	1422.007	86.87694	51.85614	87.13652	87.28485	45.51232	5.818117	48.66957	18.7904	29.87916	29.1532	2
2064.7	2066.512	1422.012	83.11928	42.12356	82.60013	82.11806	57.35978	1.127536	41.51269	17.04529	24.4674	30.97854	2
2064.705	2066.517	1422.017	90.9189	148.3263	87.56914	82.98331	46.42028	0.167781	53.41194	32.09459	21.31735	29.26762	2
2064.71	2066.523	1422.023	83.20581	22.39867	82.98331	83.27997	59.7545	0.680017	39.56548	15.73544	23.83004	31.61078	2
2064.715	2066.528	1422.028	86.45668	27.33372	86.51848	86.70389	53.36612	3.258301	43.37558	25.36779	18.00779	30.54551	2
2064.72	2066.533	1422.033	88.05121	32.91047	87.81636	88.06357	52.84867	3.308814	43.84252	20.8134	23.02912	30.44325	2
2064.725	2066.538	1422.038	94.68893	31.9479	95.35641	96.32054	39.98183	11.58551	48.43266	19.61733	28.81533	28.6487	2
2064.73	2066.544	1422.044	105.0101	24.7516	104.6888	103.6505	39.89147	14.14156	45.96697	18.16817	27.7988	28.93045	2
2064.735	2066.549	1422.049	79.60883	42.81111	79.29982	80.70894	58.79448	0.668131	40.53739	23.69353	16.84386	30.67575	2
2064.74	2066.554	1422.054	83.50246	82.64286	84.03398	82.31583	39.05895	7.122437	53.81861	34.71768	19.10094	28.40117	2
2064.745	2066.559	1422.059	83.92273	57.87597	83.62607	82.92151	51.0842	3.113125	45.80267	26.10942	19.69326	29.80818	2
2064.75	2066.565	1422.065	85.22061	78.88428	86.7657	88.13774	30.53259	11.19869	58.26872	33.49083	24.7779	27.62273	2
2064.755	2066.57	1422.07	85.02283	86.90563	86.08586	92.66177	32.5094	9.945948	57.54465	28.66178	28.88287	26.58506	2
2064.76	2066.575	1422.075	82.78554	50.55744	82.37764	80.3752	54.76366	1.905941	43.3304	21.5483	21.78211	30.65873	2
2064.765	2066.581	1422.081	81.62363	41.49713	82.15514	83.11928	50.74474	3.489344	45.76592	16.96737	28.79855	29.61707	2
2064.77	2066.586	1422.086	83.7744	44.78207	84.44188	84.51604	46.91733	5.121529	47.96115	29.19222	18.76893	29.32861	2
2064.775	2066.591	1422.091	85.76448	60.77894	85.17116	84.23175	50.98637	3.034243	45.97939	20.20135	25.77804	29.89238	2
2064.78	2066.596	1422.096	85.52962	81.74141	85.41838	84.49132	42.39349	5.933362	51.67315	34.63243	17.04072	28.58829	2
2064.785	2066.602	1422.102	87.96469	64.85837	87.90288	88.44676	43.85574	6.067121	50.07714	24.40314	25.674	28.77736	2
2064.79	2066.607	1422.107	86.87694	49.31986	86.25891	83.06984	52.92759	2.572471	44.49994	17.37012	27.12982	30.82508	2
2064.795	2066.612	1422.112	84.59021	56.86757	84.35535	83.94745	50.23517	3.481895	46.28293	18.90943	27.3735	29.68436	2
2064.8	2066.618	1422.118	88.69397	59.52608	90.12782	91.62346	32.88394	12.05948	55.05658	29.04113	26.01545	27.86815	2
2064.805	2066.623	1422.123	91.78415	76.50079	92.27858	90.86946	33.21356	11.43194	55.3545	21.845	33.50951	28.28453	2
2064.81	2066.628	1422.128	89.43562	81.35944	89.89296	87.92761	34.48581	10.02652	55.48767	26.20521	29.28246	28.37481	2
2064.815	2066.633	1422.133	90.26378	72.34497	90.89418	90.04129	34.56426	10.69246	54.74328	35.75083	18.99245	28.2694	2
2064.82	2066.639	1422.139	90.83238	83.31512	91.69763	90.99307	29.56626	12.88132	57.55242	25.71017	31.84225	27.95592	2
2064.825	2066.644	1422.144	89.29965	82.07754	88.39731	83.62607	44.97464	4.62446	50.4009	24.50849	25.89241	29.74975	2
2064.83	2066.649	1422.149	90.67169	102.6733	90.62225	84.28119	32.11829	10.07663	57.80509	39.84929	17.9558	28.91265	2
2064.835	2066.654	1422.154	94.96086	162.9328	95.80139	88.32315	6.692169	21.61708	71.69075	66.53694	5.153808	-9999	2
2064.84	2066.66	1422.16	90.06601	127.1346	90.94362	85.52962	19.5712	15.31908	65.10972	50.42862	14.68111	28.57854	2
2064.845	2066.665	1422.165	89.49742	115.9811	91.16612	90.62225	16.66253	17.55035	65.78712	46.65036	19.13676	27.942	2
2064.85	2066.67	1422.17	86.45668	72.23801	87.19832	86.14766	37.23052	8.69009	54.07939	22.3235	31.7559	28.39493	2
2064.855	2066.676	1422.176	83.65079	81.14554	83.57663	81.03032	43.97882	5.249569	50.77161	30.55484	20.21677	28.95053	2
2064.86	2066.681	1422.181	84.4048	53.21595	85.097	87.43318	44.10477	6.094083	49.80115	28.56627	21.23488	28.50759	2
2064.865	2066.686	1422.186	83.53955	50.00741	83.52719	84.00925	51.13762	3.289103	45.57328	27.75715	17.81612	29.6998	2
2064.87	2066.691	1422.191	82.21695	57.37177	81.38878	80.88199	56.89475	1.04302	42.06223	13.96208	28.10016	30.58839	2
2064.875	2066.697	1422.197	81.64835	35.17172	81.03032	81.25281	61.16174	0	38.83826	24.92518	13.91308	31.53415	2
2064.88	2066.702	1422.202	80.93143	27.5629	81.42586	82.36528	55.04103	2.153335	42.80563	13.5432	29.26243	30.46029	2
2064.885	2066.707	1422.207	80.41228	39.31227	80.69658	83.4283	54.30383	2.185784	43.51038	25.48214	18.02825	29.78666	2
2064.89	2066.713	1422.213	81.05504	26.24892	81.3517	82.69902	56.77803	1.583141	41.63883	29.5943	12.04453	30.70113	2
2064.895	2066.718	1422.218	79.52231	53.58264	80.7213	82.43944	44.5803	5.144138	50.27556	33.16327	17.1123	28.52396	2
2064.9	2066.723	1422.223	79.96729	36.97462	79.94257	79.49759	57.67382	1.084064	41.24211	14.48407	26.75804	30.94512	2
2064.905	2066.728	1422.228	84.60257	46.9211	84.73854	85.17116	49.75698	3.982129	46.26089	30.20152	16.05937	29.61131	2
2064.91	2066.734	1422.234	83.03276	34.57585	83.60135	84.21939	50.83591	3.767543	45.39655	27.31345	18.0831	29.85347	2

2064.915	2066.739	1422.239	79.76952	26.20309	80.3752	81.53711	55.5769	1.87678	42.54632	28.94252	13.60379	30.4832	2
2064.92	2066.744	1422.244	77.43334	33.87303	77.64348	79.57175	58.93552	0.610782	40.45369	9.892366	30.56133	30.6589	2
2064.925	2066.75	1422.25	78.24915	31.79512	78.08846	77.63112	61.5617	0	38.4383	20.38157	18.05673	31.50785	2
2064.93	2066.755	1422.255	78.95371	21.95559	78.84247	78.55817	62.91149	0	37.08851	20.37262	16.71589	31.50108	2
2064.935	2066.76	1422.26	77.90305	15.21765	77.68056	77.24793	66.37084	0	33.62916	19.29396	14.3352	30.94643	2
2064.94	2066.765	1422.265	80.74602	18.25813	81.0674	81.20337	58.80451	0.989307	40.20619	12.49134	27.71485	31.41158	2
2064.945	2066.771	1422.271	88.558	66.08067	87.56914	86.25891	50.19877	2.96951	46.83172	31.53157	15.30015	29.9401	2
2064.95	2066.776	1422.276	91.88304	75.69102	91.6111	91.42569	39.25788	7.949305	52.79281	22.55347	30.23934	28.5007	2
2064.955	2066.781	1422.281	93.29216	77.28001	92.85954	92.04373	38.8223	8.078798	53.09891	18.885	34.21391	28.62003	2
2064.96	2066.786	1422.286	90.77057	54.20907	90.93126	90.69641	42.12713	7.765379	50.10749	30.42948	19.67801	28.93498	2
2064.965	2066.792	1422.292	86.72861	61.25258	86.28363	86.40724	48.83519	3.915606	47.2492	23.0447	24.2045	29.43993	2
2064.97	2066.797	1422.297	91.5493	74.63678	90.7953	89.91768	43.55608	5.600971	50.84295	29.03756	21.80539	29.06809	2
2064.975	2066.802	1422.302	95.08447	73.04779	94.04617	93.24272	42.89156	5.700996	51.40744	30.60172	20.80572	29.18358	2
2064.98	2066.808	1422.308	94.59004	67.80717	93.31688	91.93248	46.43478	3.980938	49.58428	21.32321	28.26107	29.77803	2
2064.985	2066.813	1422.313	92.51344	42.3833	92.59996	92.38983	43.96031	7.71983	48.31986	27.85396	20.4659	29.27863	2
2064.99	2066.818	1422.318	87.24777	49.96157	87.58151	89.90532	45.05487	6.154348	48.79078	21.26101	27.52977	28.73154	2
2064.995	2066.823	1422.323	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2065.305	2067.151	1422.651	104.219	200.5491	101.9076	102.2043	13.49938	9.53333	76.96729	50.73707	26.23022	28.39238	4
2065.31	2067.156	1422.656	95.88792	228.8607	92.08081	87.81636	25.9039	2.962694	71.1334	49.70824	21.42517	27.87182	4
2065.315	2067.161	1422.661	92.61232	150.1292	89.76935	84.00925	40.49841	2.170454	57.33114	29.68819	27.64295	29.03992	4
2065.32	2067.166	1422.666	92.04373	164.3995	90.20198	84.78798	29.80863	7.208614	62.98275	43.81726	19.16549	28.18908	4
2065.325	2067.172	1422.672	88.81758	112.1156	86.55556	83.30469	48.68646	1.589745	49.72379	17.06761	32.65619	29.52298	4
2065.33	2067.177	1422.677	89.1884	98.63973	87.98941	87.07472	43.36804	4.586355	52.04561	34.7647	17.28091	28.65972	4
2065.335	2067.182	1422.682	86.70389	98.62445	84.87451	82.94623	50.54306	1.844865	47.61207	24.43218	23.17989	29.52691	4
2065.34	2067.188	1422.688	86.22182	102.2608	84.57785	80.44936	48.66963	2.595864	48.7345	15.76695	32.96755	29.58959	4
2065.345	2067.193	1422.693	86.59265	105.286	84.29355	80.83255	52.67355	0.800582	46.52587	16.24808	30.27778	30.01383	4
2065.35	2067.198	1422.698	85.07228	131.046	83.15636	76.92655	44.8687	3.529133	51.60216	21.69317	29.90899	29.01613	4
2065.355	2067.203	1422.703	92.98314	196.8975	90.05365	85.57907	29.50989	4.968762	65.52135	46.54594	18.97541	27.8014	4
2065.36	2067.209	1422.709	83.94745	168.9526	80.42464	78.31096	49.18358	1.657927	49.15849	24.82116	24.33734	27.95654	4
2065.365	2067.214	1422.714	84.20703	120.6259	82.43944	81.66072	47.03686	3.130541	49.8326	22.17877	27.65383	28.32646	4
2065.37	2067.219	1422.719	84.91159	77.20361	84.25647	82.37764	48.27524	3.661612	48.06315	22.51215	25.55101	29.4081	4
2065.375	2067.225	1422.725	83.24289	78.1509	81.98209	80.99324	54.27518	1.507582	44.21723	14.24204	29.9752	29.95699	4
2065.38	2067.23	1422.73	87.96469	162.3675	86.23419	82.50124	33.19095	6.692559	60.11649	38.0823	22.03419	27.62951	4
2065.385	2067.235	1422.735	83.3665	143.7579	80.57297	78.02666	50.16323	1.854147	47.98263	32.05847	15.92416	28.5406	4
2065.39	2067.24	1422.74	87.12416	159.1131	84.92395	79.683	38.39204	4.795737	56.81223	23.69698	33.11525	28.09573	4
2065.395	2067.246	1422.746	94.92378	156.6532	94.40463	88.12538	18.78346	13.91326	67.30328	48.9852	18.31808	28.67765	4
2065.4	2067.251	1422.751	87.65567	153.6738	87.58151	78.81775	22.74249	11.86834	65.38917	34.15171	31.23746	28.72219	4
2065.405	2067.256	1422.756	89.83116	90.67949	89.26256	85.27005	39.8175	6.713879	53.46862	29.7056	23.76302	29.02162	4
2065.41	2067.261	1422.761	87.50734	127.6999	87.5197	83.60135	28.49406	10.36007	61.14587	29.76254	31.38333	28.01862	4
2065.415	2067.267	1422.767	89.58394	108.2501	89.67047	88.29843	30.71569	10.41377	58.87054	29.9462	28.92435	27.85996	4
2065.42	2067.272	1422.772	89.07715	117.1423	88.17482	86.09822	36.69366	6.912959	56.39338	21.1116	35.28178	28.11416	4
2065.425	2067.277	1422.777	88.48384	121.0384	86.93875	80.75838	41.27803	4.655324	54.06664	32.75873	21.30791	29.10974	4
2065.43	2067.283	1422.783	86.87694	188.0664	87.04999	82.67429	13.22002	14.70316	72.07682	48.16903	23.9078	28.16136	4
2065.435	2067.288	1422.788	84.45424	260.2891	84.00925	69.97982	2.760784	16.51418	80.72504	77.78009	2.94495	-9999	4
2065.44	2067.293	1422.793	82.68666	168.0359	81.4753	70.16523	32.65157	7.591958	59.75647	41.04034	18.71613	28.52599	4
2065.445	2067.298	1422.798	81.92029	107.3486	80.85727	77.73	46.89339	3.722377	49.38423	22.09524	27.28899	28.79745	4
2065.45	2067.304	1422.804	78.0761	69.48784	76.98836	73.28014	59.78395	0.330689	39.88536	26.03594	13.84943	31.17737	4
2065.455	2067.309	1422.809	78.28624	78.74677	77.11197	74.60274	58.02053	0.806028	41.17344	12.34543	28.828	30.47666	4
2065.46	2067.314	1422.814	70.10343	62.15403	69.05277	68.01447	68.6062	0	31.3938	14.65553	16.73827	30.25078	4
2065.465	2067.32	1422.82	70.95632	72.95612	69.81913	68.2864	65.87801	0	34.12199	18.56675	15.55525	30.53701	4
2065.47	2067.325	1422.825	69.37415	67.37937	68.66959	67.43351	65.33033	0	34.66967	18.49694	16.17273	30.44985	4
2065.475	2067.33	1422.83	66.16036	81.08442	64.35569	61.68577	73.49621	0	26.50379	18.79831	7.705486	30.88441	4
2065.48	2067.335	1422.835	63.29267	66.14179	61.72286	59.65861	77.93048	0	22.06952	21.25831	0.811208	30.82294	4
2065.485	2067.341	1422.841	61.85882	34.9731	61.25315	60.95649	79.32038	0	20.67962	9.74594	10.93368	29.84614	4
2065.49	2067.346	1422.846	62.69935	59.43441	61.7723	59.91819	75.11814	0	24.88186	11.16455	13.7173	30.35837	4
2065.495	2067.351	1422.851	60.93177	40.1526	60.00471	59.57209	81.41052	0	18.58948	14.53437	4.055115	30.22491	4
2065.5	2067.356	1422.856	60.05416	32.05485	59.74514	59.94291	79.38779	0	20.61221	16.78787	3.824333	29.57315	4
2065.505	2067.362	1422.862	61.01829	32.69656	60.25193	59.43612	81.88993	0	18.11007	8.131945	9.978122	30.16514	4
2065.51	2067.367	1422.867	67.19866	28.34211	67.00089	67.9403	72.85117	0	27.14883	22.12487	5.023957	29.399	4
2065.515	2067.372	1422.872	67.28518	43.71255	66.25924	65.39399	75.47023	0	24.52977	16.87749	7.652274	30.02135	4
2065.52	2067.378	1422.878	63.39155	34.255	62.41506	61.68577	80.95792	0	19.04208	11.73664	7.305441	30.16264	4
2065.525	2067.383	1422.883	65.1715	84.96523	63.36683	60.3879	73.4668	0	26.5332	4.895387	21.63781	31.04018	4
2065.53	2067.388	1422.888	68.76847	76.01187	67.63129	64.52874	67.15133	0	32.84867	24.398	8.45067	30.79106	4
2065.535	2067.393	1422.893	63.71293	70.34345	62.82296	60.89469	71.25828	0	28.74172	7.288156	21.45357	30.4124	4
2065.54	2067.399	1422.899	64.8254	68.18914	63.1567	62.47686	76.79128	0	23.20872	21.52454	1.684185	30.49935	4
2065.545	2067.404	1422.904	66.46938	93.62829	64.67707	62.41506	70.0805	0	29.9195	4.982089	24.93741	30.90992	4
2065.55	2067.409	1422.909	68.49654	102.6886	67.35935	64.08376	60.94575	1.120376	37.93388	13.01796	24.91592	29.85998	4
2065.555	2067.415	1422.915	72.45197	162.7036	68.37293	64.17028	65.58249	1.209223	33.20829	15.53896	17.66933	29.80015	4
2065.56	2067.42	1422.92	74.66454	203.9563	71.00576	61.80938	50.30672	4.451081	45.2422	16.22177	29.02042	27.63135	4
2065.565	2067.425	1422.925	77.77945	173.6585	77.82889	72.78571	26.03438	9.793969	64.17165	40.6682	23.50345	27.1023	4
2065.57	2067.43	1422.93	70.06635	83.91099	68.37293	65.95023	68.35651	0	31.64349	9.884211	21.75928	30.68678	4
2065.575	2067.436	1422.936	66.4941	84.49159	64.70179	64.46694	72.26884	0	27.73116	11.88856	15.8426	30.43492	4
2065.58	2067.441	1422.941	67.14922	66.46264	65.27039	62.99601	76.6997	0	23.3003	10.2647	13.0356	30.69675	4

2065.585	2067.446	1422.946	66.46938	72.49775	64.65235	63.68821	75.38568	0	24.61432	5.572742	19.04158	30.50307	4
2065.59	2067.451	1422.951	64.77596	74.31593	62.89712	60.30137	76.98261	0	23.01739	9.623872	13.39352	31.00031	4
2065.595	2067.457	1422.957	65.27039	63.2541	63.47808	62.13076	78.53413	0	21.46587	6.573071	14.8928	30.66091	4
2065.6	2067.462	1422.962	63.13198	45.92798	61.73522	59.49792	81.62892	0	18.37108	18.37108	0	30.78766	4
2065.605	2067.467	1422.967	61.80938	57.43289	59.59681	57.24827	86.38404	0	13.61596	11.38596	2.230008	31.83284	4
2065.61	2067.473	1422.973	62.09368	90.66421	59.53501	56.23469	80.76278	0	19.23722	10.76934	8.467882	32.05065	4
2065.615	2067.478	1422.978	61.36439	126.4471	58.54615	57.64381	74.78598	0.564059	24.64997	8.746468	15.9035	31.17693	4
2065.62	2067.483	1422.983	61.05538	62.64295	60.1036	58.48434	76.04573	0	23.95427	13.7176	10.23667	30.41867	4
2065.625	2067.488	1422.988	58.87989	79.73989	56.80328	53.76254	82.62712	0	17.37288	3.716892	13.65599	32.0376	4
2065.63	2067.494	1422.994	58.0888	58.99132	56.53135	52.81077	84.35266	0	15.64734	15.64734	0	31.7848	4
2065.635	2067.499	1422.999	57.86631	50.35882	57.37188	56.54371	78.40799	0	21.59201	19.13426	2.457745	30.02781	4
2065.64	2067.504	1423.004	58.33602	56.45505	57.42132	56.44482	79.75762	0	20.24238	3.546382	16.69599	30.45953	4
2065.645	2067.51	1423.01	62.93421	74.78957	62.04423	61.67341	70.89874	0	29.10126	22.52765	6.573612	30.17855	4
2065.65	2067.515	1423.015	65.90078	54.69799	65.56704	68.1628	68.72085	0	31.27915	14.07976	17.19939	29.32735	4
2065.655	2067.52	1423.02	70.94396	114.3616	69.76969	67.50768	56.15664	2.137467	41.70589	29.75075	11.95514	28.82397	4
2065.66	2067.525	1423.025	69.81913	93.00186	68.66959	65.75245	62.16894	0.598581	37.23248	21.80395	15.42852	30.34045	4
2065.665	2067.531	1423.031	71.2159	83.40679	70.70911	67.13686	58.22455	1.11496	40.66049	21.14536	19.51512	30.1169	4
2065.67	2067.536	1423.036	72.21712	76.8522	72.03171	68.31113	56.39896	1.387834	42.21321	17.7143	24.49891	30.07962	4
2065.675	2067.541	1423.041	72.85987	74.49927	72.50141	68.90444	57.71817	1.06682	41.21501	20.68531	20.52971	30.35082	4
2065.68	2067.546	1423.046	72.21712	97.95218	70.36301	67.8167	64.22518	0.118394	35.65643	15.68999	19.96644	30.73132	4
2065.685	2067.552	1423.052	75.14661	87.13481	74.10831	71.95754	57.82533	1.118042	41.05663	12.36334	28.69329	29.97641	4
2065.69	2067.557	1423.057	75.31966	96.63821	74.38024	69.48539	54.59994	1.974293	43.42577	28.86645	14.55932	29.80516	4
2065.695	2067.562	1423.062	74.10831	95.03394	73.66332	68.08863	52.27079	2.554712	45.1745	25.86617	19.30833	29.5796	4
2065.7	2067.568	1423.068	78.0761	96.95906	77.80417	75.69048	46.8134	3.980017	49.20659	33.99163	15.21495	28.55195	4
2065.705	2067.573	1423.073	73.67568	119.3577	72.47669	67.26046	52.62598	2.786043	44.58798	20.01198	24.576	28.98956	4
2065.71	2067.578	1423.078	71.89574	113.7963	70.26412	69.5472	58.96225	1.504639	39.53311	18.21112	21.32199	29.05042	4
2065.715	2067.583	1423.083	71.58672	128.6014	69.67081	66.34577	57.86701	2.047916	40.08507	11.54508	28.53999	28.98712	4
2065.72	2067.589	1423.089	63.63877	72.34497	61.78466	60.05416	78.3142	0	21.6858	4.148913	17.53689	30.94306	4
2065.725	2067.594	1423.094	65.74009	105.3777	63.34211	61.61161	72.60208	0	27.39792	19.53337	7.864555	31.16062	4
2065.73	2067.599	1423.099	62.01951	84.23185	60.69691	59.65861	72.80808	0	27.19192	20.04305	7.148873	30.62631	4
2065.735	2067.605	1423.105	62.92185	90.32808	61.38912	58.65739	72.13117	0	27.86883	5.89412	21.97471	31.05526	4
2065.74	2067.61	1423.11	61.95771	100.4426	59.55973	57.95283	77.27615	0	22.72385	15.13781	7.586039	31.58183	4
2065.745	2067.615	1423.115	60.63511	99.08281	57.79214	56.06164	82.27066	0	17.72934	13.48374	4.245594	32.29798	4
2065.75	2067.62	1423.12	59.95527	108.189	56.61787	53.50297	84.52425	0	15.47575	15.47575	0	33.264	4
2065.755	2067.626	1423.126	60.28901	111.7336	57.08758	52.98382	82.30565	0	17.69435	9.787559	7.906791	33.15714	4
2065.76	2067.631	1423.131	60.86996	75.66046	58.68212	56.4201	82.64563	0	17.35437	17.22629	0.128076	31.74256	4
2065.765	2067.636	1423.136	63.32975	121.3898	59.89347	56.33358	78.99149	0	21.00851	5.691164	15.31735	32.62915	4
2065.77	2067.641	1423.141	66.96381	146.4775	63.53988	58.95405	69.48113	1.248746	29.27012	19.61796	9.652166	30.55975	4
2065.775	2067.647	1423.147	67.11213	159.3728	64.09612	57.08758	63.06276	2.57128	34.36596	19.87136	14.49461	29.38928	4
2065.78	2067.652	1423.152	68.5089	118.4868	65.9255	61.8341	68.31929	0.328622	31.35208	16.6289	14.72318	31.05939	4
2065.785	2067.657	1423.157	71.07993	99.17448	69.73261	67.56948	61.04797	0.868164	38.08387	21.81863	16.26523	29.94794	4
2065.79	2067.663	1423.163	74.08359	147.7304	72.03171	67.30991	51.99442	3.29139	44.71419	19.53006	25.18413	28.21644	4
2065.795	2067.668	1423.168	74.39261	180.152	71.15409	63.79946	53.0605	3.531749	43.40776	24.01577	19.39199	28.12085	4
2065.8	2067.673	1423.173	69.80677	110.7405	67.11213	64.66471	69.86202	0	30.13798	22.54118	7.596796	30.96826	4
2065.805	2067.678	1423.178	70.83271	201.9548	66.19744	63.16906	61.88423	3.287692	34.82808	26.33583	8.492249	27.74353	4
2065.81	2067.684	1423.184	75.14661	273.0927	71.6238	63.66349	32.07845	9.309076	58.61247	31.50238	27.1101	25.10586	4
2065.815	2067.689	1423.189	81.79668	119.648	81.15393	80.16507	40.7736	5.629126	53.59727	20.5622	33.03507	27.67303	4
2065.82	2067.694	1423.194	70.91924	137.7075	68.64486	64.59055	59.05548	2.103945	38.84058	25.00041	13.84016	29.03442	4
2065.825	2067.7	1423.2	67.13686	106.0652	65.12206	60.52386	68.18101	0.135904	31.68309	23.91881	7.764279	31.31676	4
2065.83	2067.705	1423.205	70.22704	172.4515	67.56948	61.8341	54.25394	3.900889	41.84517	12.22596	29.61921	27.75946	4
2065.835	2067.71	1423.21	73.66332	144.0177	72.30364	71.74741	47.91499	4.173733	47.91127	30.8821	17.02917	27.07455	4
2065.84	2067.715	1423.215	70.3012	83.10122	69.07749	67.95266	64.69617	0	35.30383	20.57368	14.73015	30.59331	4
2065.845	2067.721	1423.221	71.52492	97.12713	69.85622	65.49288	63.62473	0.289963	36.08531	22.55656	13.52875	30.91124	4
2065.85	2067.726	1423.226	69.39887	106.6152	67.64365	61.8341	63.95514	0.638399	35.40646	20.43601	14.97045	30.84511	4
2065.855	2067.731	1423.231	69.16402	111.0614	68.99097	65.03553	50.83339	3.120156	46.04645	21.66076	24.38569	28.4359	4
2065.86	2067.736	1423.236	71.48783	171.2139	69.90566	66.29633	45.05928	5.418223	49.5225	23.50832	26.01417	26.62307	4
2065.865	2067.742	1423.242	69.74497	231.8095	65.95023	54.14573	49.14601	6.44877	44.40522	23.18135	21.22387	26.82644	4
2065.87	2067.747	1423.247	69.609	230.9691	66.44465	55.43124	44.58888	7.189805	48.22132	31.01054	17.21077	26.35641	4
2065.875	2067.752	1423.252	72.41489	218.0891	70.72147	60.98121	33.72474	8.494815	57.78045	34.35265	23.42779	26.42109	4
2065.88	2067.758	1423.258	73.45319	216.6682	70.72147	61.43856	41.1602	6.814017	52.02578	33.81067	18.21511	26.57106	4
2065.885	2067.763	1423.263	68.75611	157.0963	67.86614	56.30886	45.62436	5.15715	49.21849	25.49367	23.72482	28.26018	4
2065.89	2067.768	1423.268	66.67951	150.557	65.07261	58.48434	54.6735	3.596737	41.72976	28.64547	13.08429	28.21409	4
2065.895	2067.773	1423.273	68.70667	141.0994	66.18508	57.66854	62.18612	1.935766	35.87811	27.00179	8.876325	30.1115	4
2065.9	2067.779	1423.279	69.15165	77.18834	68.07627	63.0949	66.03512	0	33.96488	18.18978	15.7751	31.18712	4
2065.905	2067.784	1423.284	73.51499	95.81315	72.29128	70.63494	58.66319	1.132778	40.20403	26.43526	13.76877	29.70932	4
2065.91	2067.789	1423.289	69.8933	46.3405	69.00333	67.98975	71.38105	0	28.61895	7.198227	21.42072	30.06138	4
2065.915	2067.795	1423.295	70.42481	82.76509	68.84264	66.04911	67.44187	0	32.55813	17.27867	15.27946	30.75911	4
2065.92	2067.8	1423.3	68.06391	46.9211	67.34699	65.69065	71.58245	0	28.41755	14.0721	14.34546	30.13101	4
2065.925	2067.805	1423.305	67.71781	49.22819	66.67951	64.30625	73.83323	0	26.16677	16.68973	9.477038	30.32052	4
2065.93	2067.81	1423.31	66.18508	27.70041	65.9255	64.60291	74.41794	0	25.58206	16.57506	9.007007	29.77459	4
2065.935	2067.816	1423.316	65.67829	33.23132	64.8872	64.33097	77.66492	0	22.33508	5.137094	17.19799	29.87571	4
2065.94	2067.821	1423.321	64.34333	50.90885	62.66227	60.734	81.5124	0	18.4876	18.4876	0	30.82686	4
2065.945	2067.826	1423.326	63.9107	38.70112	63.57697	63.79946	74.42296	0	25.57704	20.48972	5.087315	29.52585	4

2065.95	2067.831	1423.331	66.22216	51.53528	66.28397	66.2716	66.12509	0	33.87491	8.370118	25.50479	29.80634	4
2065.955	2067.837	1423.337	69.59664	87.16537	68.49654	65.54232	63.40288	0.248566	36.34855	8.354765	27.99378	30.69697	4
2065.96	2067.842	1423.342	70.78327	55.81334	70.28884	69.97982	65.20439	0	34.79561	6.936014	27.8596	30.27481	2
2065.965	2067.847	1423.347	75.77701	83.43735	75.35674	73.56444	53.35037	2.181263	44.46837	26.99192	17.47645	29.36942	2
2065.97	2067.853	1423.353	75.83881	93.75052	76.08603	71.85866	45.62476	4.244211	50.13103	25.0908	25.04023	28.77766	2
2065.975	2067.858	1423.358	78.02666	80.19825	77.12433	73.53971	55.80058	1.445216	42.7542	23.09472	19.65948	30.26427	2
2065.98	2067.863	1423.363	75.08481	48.00589	74.50385	73.68804	63.80695	0	36.19305	22.12303	14.07002	30.72156	2
2065.985	2067.868	1423.368	82.50124	56.24114	82.35292	80.7831	51.63805	2.924938	45.43702	30.92083	14.51619	29.98819	2
2065.99	2067.874	1423.374	81.7596	51.07692	81.4135	81.10448	55.10283	1.782286	43.11488	13.98481	29.13007	30.32395	2
2065.995	2067.879	1423.379	81.45058	82.12338	81.4135	79.13913	45.47899	4.60554	49.91547	23.36743	26.54803	28.90741	2
2066	2067.884	1423.384	83.78676	89.79332	83.88565	83.04512	40.41983	6.410711	53.16946	27.42544	25.74402	28.21463	2
2066.005	2067.89	1423.39	93.87312	111.917	93.29216	92.36511	31.05522	10.01174	58.93304	23.28323	35.64981	27.91373	2
2066.01	2067.895	1423.395	95.97444	101.2066	95.07211	94.84962	34.20461	8.722296	57.07309	26.06618	31.00691	28.12053	2
2066.015	2067.9	1423.4	106.9631	112.1462	106.7283	107.6306	16.27467	22.96388	60.76146	46.93754	13.82392	27.28625	2
2066.02	2067.905	1423.405	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2066.305	2068.206	1423.706	96.58012	35.04949	96.15985	96.49359	45.92137	7.238636	46.84	28.02963	18.81037	29.59342	2
2066.31	2068.212	1423.712	97.3712	43.04029	96.34526	95.28224	47.95378	4.807948	47.23827	31.92179	15.31648	30.21843	2
2066.315	2068.217	1423.717	96.49359	47.86838	95.77667	94.97322	45.1979	6.399961	48.40214	27.90883	20.49331	29.65994	2
2066.32	2068.222	1423.722	96.15985	60.97756	95.44293	93.972	42.33251	7.100003	50.56748	31.94579	18.62169	29.32322	2
2066.325	2068.227	1423.727	94.15741	90.78644	94.2563	95.10919	30.6385	12.15185	57.20965	31.12022	26.08943	27.67928	2
2066.33	2068.233	1423.733	90.1649	131.1682	90.46156	91.66055	23.00649	13.17195	63.82156	42.80302	21.01854	27.18377	2
2066.335	2068.238	1423.738	87.59387	125.4692	87.91525	90.47392	26.5594	11.39329	62.04731	41.7694	20.27791	26.85672	2
2066.34	2068.243	1423.743	82.19223	119.4036	80.39992	81.46294	49.37786	2.698418	47.92372	19.07263	28.85109	28.0963	2
2066.345	2068.248	1423.748	82.72374	85.33192	80.23923	77.98958	62.49877	0	37.50123	25.32467	12.17656	29.68389	2
2066.35	2068.254	1423.754	82.08098	43.54449	81.6978	79.13913	56.9174	1.275202	41.8074	18.88155	22.92585	31.18624	2
2066.355	2068.259	1423.759	81.58655	38.68584	80.96851	79.44814	60.36818	0.171129	39.46069	27.43565	12.02503	31.68716	2
2066.36	2068.264	1423.764	84.61493	94.45334	82.78554	80.91907	53.47431	1.247163	45.27852	25.86195	19.41658	29.82362	2
2066.365	2068.27	1423.77	82.84735	67.57799	82.11806	80.83255	53.07851	2.172324	44.74916	18.33729	26.41187	29.97057	2
2066.37	2068.275	1423.775	82.05626	59.46496	81.53711	81.17865	54.14114	1.97279	43.88607	16.87875	27.00732	30.05056	2
2066.375	2068.28	1423.78	81.01796	39.49561	80.90671	80.99324	56.7677	1.382201	41.8501	12.81714	29.03296	30.68542	2
2066.38	2068.285	1423.785	80.0909	62.536	80.93143	77.82889	44.66855	5.073601	50.25785	22.84154	27.41631	29.26748	2
2066.385	2068.291	1423.791	79.7448	36.45514	79.47287	75.57924	59.92014	0.36895	39.71091	16.78108	22.92983	31.97252	2
2066.39	2068.296	1423.796	92.76065	99.26615	92.38983	89.67047	33.51166	9.565317	56.92302	27.45037	29.47265	28.39533	2
2066.395	2068.301	1423.801	88.65689	160.9007	87.95233	89.07715	24.95804	10.45496	64.58699	44.73247	19.85452	26.77817	2
2066.4	2068.307	1423.807	85.77684	194.8807	86.66681	86.53084	7.026895	17.0905	75.88261	58.74448	17.13813	-9999	2
2066.405	2068.312	1423.812	76.64226	93.67413	75.34438	73.18125	56.87853	1.291978	41.82949	19.02802	22.80147	29.79079	2
2066.41	2068.317	1423.817	74.56566	77.46335	72.95876	70.16523	65.1069	0	34.8931	11.26197	23.63113	30.71092	2
2066.415	2068.322	1423.822	82.17987	81.35944	81.99445	82.29111	46.14247	4.404018	49.45351	20.77294	28.68057	28.54315	2
2066.42	2068.328	1423.828	73.67568	57.29538	73.65096	73.39139	58.54448	0.677506	40.77801	10.38744	30.39057	30.29065	2
2066.425	2068.333	1423.833	75.61632	71.24489	76.59282	77.54459	45.62387	4.173216	50.20292	32.65898	17.54394	28.26663	2
2066.43	2068.338	1423.838	77.08724	88.296	77.05016	77.90305	47.99949	3.637937	48.36257	34.55697	13.8056	28.22883	2
2066.435	2068.343	1423.843	76.6299	75.35488	76.76587	75.19605	50.21086	3.003375	46.78576	32.0385	14.74726	29.14981	2
2066.44	2068.349	1423.849	73.97234	53.76598	73.9847	72.10587	58.83828	0.579879	40.58184	28.45379	12.12804	30.73225	2
2066.445	2068.354	1423.854	72.24184	62.12347	72.57558	72.20476	55.91715	1.284854	42.798	17.30011	25.49789	29.7155	2
2066.45	2068.359	1423.859	73.04529	54.82022	72.18003	70.68439	66.23754	0	33.76246	12.36811	21.39435	30.47921	2
2066.455	2068.365	1423.865	72.20476	47.37946	72.00698	73.49027	63.63853	0	36.36147	12.90829	23.45318	30.15647	2
2066.46	2068.37	1423.87	73.88582	67.18074	74.55329	73.99706	50.59434	2.694112	46.71154	27.45308	19.25846	29.03812	2
2066.465	2068.375	1423.875	80.49881	155.7365	82.15514	73.04529	15.41625	13.77829	70.80546	44.70418	26.10128	29.10768	2
2066.47	2068.38	1423.88	72.95876	106.5847	71.47547	69.93038	58.57993	1.359218	40.06085	28.76594	11.29492	29.38397	2
2066.475	2068.386	1423.886	69.9551	46.40162	70.51134	71.36423	60.10131	0.018553	39.88014	12.35975	27.52039	30.38167	2
2066.48	2068.391	1423.891	68.9786	42.90278	69.76969	72.90932	60.02629	0	39.97371	26.19764	13.77607	29.83751	2
2066.485	2068.396	1423.896	68.2246	35.87455	69.15165	70.9934	61.36705	0	38.63295	17.32754	21.30541	29.79353	2
2066.49	2068.402	1423.902	71.53728	31.12285	72.06879	72.30364	62.53476	0	37.46524	7.900095	29.56514	30.46397	2
2066.495	2068.407	1423.907	78.28624	27.42539	78.43456	79.06496	60.19017	0.307654	39.50217	26.41427	13.0879	31.28038	2
2066.5	2068.412	1423.912	92.77301	91.04618	93.46521	93.16856	27.2511	14.10389	58.64502	38.87271	19.77231	27.76712	2
2066.505	2068.417	1423.917	83.23053	99.55645	81.64835	79.96729	51.5971	2.068193	46.33471	24.58552	21.74919	29.31686	2
2066.51	2068.423	1423.923	80.05382	58.2885	79.38634	75.70284	57.41763	0.963828	41.61854	15.04899	26.56954	31.0958	2
2066.515	2068.428	1423.928	76.01186	45.30155	75.70284	74.34316	61.50101	0	38.49899	16.74964	21.74935	31.25198	2
2066.52	2068.433	1423.933	75.77701	47.88366	75.46799	74.14539	61.0922	0.003034	38.90477	15.98474	22.92003	31.25959	2
2066.525	2068.438	1423.938	73.60152	59.0066	73.45319	73.6386	59.15655	0.551227	40.29222	23.59407	16.69815	30.26804	2
2066.53	2068.444	1423.944	81.78432	43.94174	82.84735	84.23175	45.8861	5.240006	48.8739	29.70464	19.16926	28.91761	2
2066.535	2068.449	1423.949	75.01064	52.89509	74.9612	74.49149	58.57278	0.664321	40.7629	23.05436	17.70854	30.50468	2
2066.54	2068.454	1423.954	83.66315	64.87365	83.13164	80.7213	51.44969	2.800163	45.75015	26.71891	19.03123	30.03323	2
2066.545	2068.46	1423.96	74.41733	36.65376	74.05887	73.05765	65.44392	0	34.55608	12.08432	22.47175	30.61577	2
2066.55	2068.465	1423.965	76.04894	32.37571	75.86353	75.13425	63.63699	0	36.36301	19.64848	16.71454	30.97754	2
2066.555	2068.47	1423.97	77.12433	19.74017	76.93892	77.21085	65.70543	0	34.29457	23.44054	10.85403	30.76004	2
2066.56	2068.475	1423.975	76.0613	29.56442	75.90061	76.44449	64.11436	0	35.88564	17.04646	18.83919	30.71095	2
2066.565	2068.481	1423.981	70.06635	34.57585	69.43595	68.64486	72.05718	0	27.94282	9.274832	18.66799	29.93268	2
2066.57	2068.486	1423.986	77.11197	70.08371	75.46799	73.14417	64.83756	0	35.16244	11.4825	23.67995	30.53367	2
2066.575	2068.491	1423.991	70.84508	106.3402	67.43351	65.39399	75.5278	0	24.4722	5.793939	18.67826	30.76477	2
2066.58	2068.497	1423.997	74.09595	88.69325	72.69918	72.73627	61.19287	0.428395	38.37873	27.16193	11.2168	30.0297	2
2066.585	2068.502	1424.002	69.36179	54.71327	68.42237	63.39155	70.22702	0	29.77298	24.33441	5.43857	30.86983	2
2066.59	2068.507	1424.007	67.27282	29.97694	66.69187	64.52874	75.35698	0	24.64302	6.66953	17.97349	30.05771	2

2066.595	2068.512	1424.012	67.65601	21.77224	67.56948	65.5176	73.15816	0	26.84184	9.177471	17.66437	29.90549	2
2066.6	2068.518	1424.018	68.76847	43.00973	68.41001	65.72773	69.10272	0	30.89728	10.82438	20.0729	30.3307	2
2066.605	2068.523	1424.023	70.46189	73.35336	69.8315	66.45702	62.30912	0.12053	37.57035	17.70074	19.86961	30.95353	2
2066.61	2068.528	1424.028	65.1097	26.8448	65.22094	64.98609	72.74048	0	27.25952	12.50305	14.75647	29.40172	2
2066.615	2068.533	1424.033	65.09734	35.37035	64.7636	64.62763	74.13731	0	25.86269	10.81391	15.04878	29.58687	2
2066.62	2068.539	1424.039	64.39277	36.05789	64.03431	62.67463	74.81071	0	25.18929	5.074263	20.11502	29.81507	2
2066.625	2068.544	1424.044	67.06269	37.79967	67.01325	65.07261	69.53799	0	30.46201	14.71494	15.74708	30.00487	2
2066.63	2068.549	1424.049	68.84264	52.49785	67.85378	67.16158	71.62395	0	28.37605	9.818796	18.55726	30.02827	2
2066.635	2068.555	1424.055	70.53606	40.38178	70.73383	70.05399	63.80171	0	36.19829	14.52366	21.67464	30.38366	2
2066.64	2068.56	1424.06	66.03675	34.43834	65.66593	65.1097	73.78598	0	26.21402	9.928007	16.28601	29.69521	2
2066.645	2068.565	1424.065	67.23574	37.708	66.96381	68.90444	71.12529	0	28.87471	5.603992	23.27072	29.30172	2
2066.65	2068.57	1424.07	74.20719	108.0362	71.72269	68.1628	64.83956	0	35.16044	6.247269	28.91317	30.82714	2
2066.655	2068.576	1424.076	66.82784	75.82852	64.83776	62.19256	75.59099	0	24.40901	9.905053	14.50396	30.86133	2
2066.66	2068.581	1424.081	65.29511	20.18325	65.78954	66.08619	71.21233	0	28.78767	6.29189	22.49578	29.17569	2
2066.665	2068.586	1424.086	68.59542	39.89286	68.76847	67.13686	65.897	0	34.103	24.33969	9.763313	30.21042	2
2066.67	2068.592	1424.092	68.2864	51.13804	67.60656	66.39521	70.06987	0	29.93013	4.643013	25.28712	30.09906	2
2066.675	2068.597	1424.097	61.32731	35.92038	61.16662	59.4114	76.13148	0	23.86852	10.75253	13.11599	29.76396	2
2066.68	2068.602	1424.102	59.11474	15.70657	59.38668	60.72164	79.70594	0	20.29406	15.49865	4.795404	28.85782	2
2066.685	2068.607	1424.107	73.99706	73.99507	74.77579	73.34194	47.98077	3.402541	48.61669	28.02626	20.59043	28.78658	2
2066.69	2068.613	1424.113	65.33219	43.04029	64.97373	64.00959	72.25671	0	27.74329	12.90949	14.8338	29.81105	2
2066.695	2068.618	1424.118	64.70179	24.33908	63.88598	62.99601	80.90681	0	19.09319	16.69864	2.39455	30.01177	2
2066.7	2068.623	1424.123	60.59803	23.20845	60.17776	59.99235	81.89042	0	18.10958	18.10958	0	29.76049	2
2066.705	2068.628	1424.128	60.62275	29.01438	59.63389	59.01586	84.86924	0	15.13076	12.19337	2.937391	30.45141	2
2066.71	2068.634	1424.134	61.17898	25.07246	60.49914	59.6957	82.91656	0	17.08344	17.08344	0	30.10313	2
2066.715	2068.639	1424.139	60.86996	18.45675	60.78344	60.93177	80.20367	0	19.79633	10.35223	9.444107	29.37235	2
2066.72	2068.644	1424.144	64.57818	21.0847	64.55346	64.25681	75.67716	0	24.32284	21.84978	2.473053	29.40425	2
2066.725	2068.65	1424.15	62.27909	66.32513	60.80816	56.28413	78.05224	0	21.94776	6.517088	15.43067	31.27881	2
2066.73	2068.655	1424.155	59.7575	33.88831	59.48556	58.60795	78.92964	0	21.07036	9.334076	11.73629	29.73268	2
2066.735	2068.66	1424.16	57.91575	50.40466	57.73034	58.12588	75.95652	0	24.04348	14.07792	9.965563	29.48981	2
2066.74	2068.665	1424.165	55.45596	41.75687	54.33114	53.88615	87.59276	0	12.40724	12.40724	0	31.14305	2
2066.745	2068.671	1424.171	58.32365	35.46202	58.26185	56.51899	78.23941	0	21.76059	13.02265	8.737947	29.73977	2
2066.75	2068.676	1424.176	58.58323	32.66601	58.11352	58.03936	81.83849	0	18.16151	18.16151	0	29.87216	2
2066.755	2068.681	1424.181	66.17272	87.53206	66.59298	62.41506	54.68129	1.77797	43.54074	20.10332	23.43742	29.29905	2
2066.76	2068.687	1424.187	59.33723	46.95165	59.68333	59.99235	71.36517	0	28.63483	17.62951	11.00533	29.10316	2
2066.765	2068.692	1424.192	58.53379	60.24418	57.58201	54.78849	78.94609	0	21.05391	15.3633	5.690609	30.7975	2
2066.77	2068.697	1424.197	57.70562	83.3304	55.83915	51.87135	81.21002	0	18.78998	18.78998	0	32.08247	2
2066.775	2068.702	1424.202	56.22233	62.12347	54.87501	54.49183	83.6833	0	16.3167	9.319617	6.997079	31.09535	2
2066.78	2068.708	1424.208	55.10986	28.80048	54.50419	53.23103	87.0232	0	12.9768	12.9768	0	30.69478	2
2066.785	2068.713	1424.213	56.53135	45.39322	55.77734	55.50541	82.84954	0	17.15046	15.69974	1.450721	30.36191	2
2066.79	2068.718	1424.218	58.74392	54.3313	58.55851	57.54493	74.24436	0	25.75564	15.29667	10.45897	29.74861	2
2066.795	2068.723	1424.223	60.7958	65.53064	61.4262	63.61405	63.32387	0	36.67613	13.80658	22.86955	29.10641	2
2066.8	2068.729	1424.229	63.52752	92.0393	62.19256	62.26673	69.6271	0	30.3729	10.73698	19.63592	30.44301	2
2066.805	2068.734	1424.234	55.15931	68.78501	54.29406	52.65008	79.31316	0	20.68684	18.82627	1.86057	30.76663	2
2066.81	2068.739	1424.239	53.86143	60.62615	52.45231	49.69586	86.69666	0	13.30334	13.30334	0	32.01172	2
2066.815	2068.745	1424.245	54.83793	47.37946	54.44238	53.96032	81.14874	0	18.85126	4.359259	14.492	30.07104	2
2066.82	2068.75	1424.25	54.2817	45.07237	53.68838	53.40408	83.75152	0	16.24848	10.71768	5.530803	30.38768	2
2066.825	2068.755	1424.255	53.88615	47.96005	53.34228	51.97024	83.03342	0	16.96658	5.188975	11.77761	30.53253	2
2066.83	2068.76	1424.26	53.4288	65.7751	52.11857	48.86769	85.08227	0	14.91773	14.91773	0	31.93813	2
2066.835	2068.766	1424.266	53.4288	76.51607	51.53761	49.54754	86.98535	0	13.01465	6.680383	6.334269	32.53695	2
2066.84	2068.771	1424.271	52.21745	31.4437	52.10621	52.83549	85.21273	0	14.78727	14.78727	0	29.83631	2
2066.845	2068.776	1424.276	51.93316	49.31986	50.38806	48.66992	92.26055	0	7.739452	7.426121	0.313331	32.66272	2
2066.85	2068.782	1424.282	49.70822	25.72945	48.73173	47.953	95.60977	0	4.390235	4.293576	0.096658	32.35982	2
2066.855	2068.787	1424.287	51.37692	21.78752	51.41401	51.47581	87.17326	0	12.82674	12.82674	0	29.94416	2
2066.86	2068.792	1424.292	51.64886	39.08309	52.05676	52.42759	79.86368	0	20.13632	4.391754	15.74456	29.11716	2
2066.865	2068.797	1424.297	51.76011	37.66216	51.11735	50.04196	88.24783	0	11.75217	6.887334	4.864832	31.05839	2
2066.87	2068.803	1424.303	52.50175	29.80888	52.35342	49.906	85.63419	0	14.36581	6.965959	7.399851	30.4714	4
2066.875	2068.808	1424.308	54.55363	40.24427	53.83671	52.60064	85.62769	0	14.37231	6.721098	7.651208	30.77576	4
2066.88	2068.813	1424.313	55.30764	44.21675	54.89973	54.00976	81.57778	0	18.42222	18.42222	0	30.13973	4
2066.885	2068.818	1424.318	57.55729	49.88518	57.09994	56.59315	78.51952	0	21.48048	7.663785	13.81669	29.93706	4
2066.89	2068.824	1424.324	57.40896	69.91564	55.3818	52.90965	85.97466	0	14.02534	6.058896	7.966443	32.20985	4
2066.895	2068.829	1424.329	60.69691	86.3556	59.31251	57.50785	73.9899	0	26.0101	4.033951	21.97615	30.88904	4
2066.9	2068.834	1424.334	63.00837	72.74221	61.88354	59.21363	73.14609	0	26.85391	20.23334	6.620568	30.6759	4
2066.905	2068.84	1424.34	62.35325	66.26402	61.32731	59.28779	74.55016	0	25.44984	6.321297	19.12855	30.48774	4
2066.91	2068.845	1424.345	54.99862	31.93262	54.44238	53.72546	85.98438	0	14.01562	14.01562	0	30.48	4
2066.915	2068.85	1424.35	56.53135	42.8875	55.80207	54.64016	83.26433	0	16.73567	13.01191	3.723757	30.51351	4
2066.92	2068.855	1424.355	59.85639	73.49087	59.4114	58.63267	70.59598	0	29.40402	16.04796	13.35606	30.03262	4
2066.925	2068.861	1424.361	59.49792	66.01956	59.25071	58.74392	71.20109	0	28.79891	11.5378	17.2611	29.78892	4
2066.93	2068.866	1424.366	58.13824	50.60328	58.41018	58.92933	72.15932	0	27.84068	21.60695	6.233728	29.10982	4
2066.935	2068.871	1424.371	58.85517	80.82468	58.70684	59.86875	67.44322	0	32.55678	13.35854	19.19824	29.62706	4
2066.94	2068.877	1424.377	56.20997	76.48551	55.24583	52.6748	77.2494	0	22.7506	6.824257	15.92635	30.9504	4
2066.945	2068.882	1424.382	57.56965	113.3837	55.45596	51.21623	75.97812	0.185821	23.83606	18.24058	5.595478	32.12753	4
2066.95	2068.887	1424.387	58.99113	136.4088	55.85151	50.68472	77.04932	0.990516	21.96017	15.68606	6.274104	32.06752	4
2066.955	2068.892	1424.392	60.74636	146.7678	58.12588	52.78605	68.90421	2.100035	28.99575	27.5891	1.406648	29.99892	4

2066.96	2068.898	1424.398	65.03553	91.84067	63.55224	60.15304	69.43735	0	30.56265	10.52397	20.03868	31.07871	4
2066.965	2068.903	1424.403	63.42864	46.47801	62.82296	61.32731	75.09196	0	24.90804	11.67122	13.23682	30.0126	4
2066.97	2068.908	1424.408	65.78954	69.28921	65.61649	64.57818	64.04678	0	35.95322	8.164451	27.78877	30.2664	4
2066.975	2068.913	1424.413	60.69691	51.62696	60.05416	59.36196	76.64649	0	23.35351	13.87272	9.480795	29.98268	4
2066.98	2068.919	1424.419	64.1332	51.47417	63.72529	61.8341	71.70197	0	28.29803	23.58261	4.71542	30.03834	4
2066.985	2068.924	1424.424	69.00333	120.687	69.02805	65.8637	47.1191	4.025831	48.85507	32.70903	16.14604	27.70042	4
2066.99	2068.929	1424.429	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2067.3	2069.257	1424.757	107.1609	109.8696	105.3686	104.8247	28.71389	8.611674	62.67443	31.82578	30.84865	28.50312	4
2067.305	2069.262	1424.762	100.1647	75.67574	98.9163	97.90272	39.21028	7.05154	53.73818	18.98075	34.75743	29.03154	4
2067.31	2069.267	1424.767	98.632	52.00893	98.632	99.16351	36.6724	12.41994	50.90766	36.39639	14.51128	28.31758	4
2067.315	2069.272	1424.772	98.18701	36.25652	97.49481	97.13635	46.25843	6.751516	46.99006	22.19755	24.7925	29.82672	4
2067.32	2069.278	1424.778	97.54425	46.95165	96.6172	95.45529	46.08166	5.725421	48.19292	30.41565	17.77726	29.91117	4
2067.325	2069.283	1424.783	97.33412	41.3749	96.6172	96.11041	45.99603	6.441042	47.56293	17.19441	30.36851	29.77153	4
2067.33	2069.288	1424.788	96.3329	58.82326	96.58012	96.58012	35.22259	12.4543	52.32311	27.42569	24.89742	28.25514	4
2067.335	2069.293	1424.793	93.78659	58.85381	95.73959	96.39471	24.338	19.48714	56.17486	36.93796	19.2369	27.64157	4
2067.34	2069.299	1424.799	91.69763	47.51697	92.62468	93.5641	36.9544	11.43024	51.61536	34.65228	16.96309	28.2716	4
2067.345	2069.304	1424.804	88.95355	45.71407	89.68283	89.93004	41.44799	8.420363	50.13165	29.44313	20.68852	28.79787	4
2067.35	2069.309	1424.809	87.5197	36.82183	88.22426	88.54564	45.11064	6.804085	48.08528	25.54867	22.5366	29.24675	4
2067.355	2069.315	1424.815	85.64087	28.31156	85.55435	86.0735	55.02957	2.455523	42.5149	20.62145	21.89345	30.69474	4
2067.36	2069.32	1424.82	87.8658	25.94335	87.76692	88.27371	53.65154	3.255413	43.09305	26.37481	16.71824	30.58216	4
2067.365	2069.325	1424.825	83.8362	42.1694	83.47774	81.31461	55.44377	1.837238	42.71899	29.12947	13.58952	30.96811	4
2067.37	2069.33	1424.83	89.70755	65.28617	88.52092	87.8658	50.86618	2.538302	46.59551	24.56253	22.03299	29.98307	4
2067.375	2069.336	1424.836	93.34161	66.81405	92.31567	92.51344	45.90776	4.605627	49.48661	28.77496	20.71165	29.31256	4
2067.38	2069.341	1424.841	92.13025	68.38776	90.35031	95.30696	52.4849	1.005116	46.50998	18.54971	27.96027	29.37048	4
2067.385	2069.346	1424.846	90.48628	75.87436	87.56914	94.55296	60.99881	0	39.00119	11.34729	27.6539	26.11699	4
2067.39	2069.352	1424.852	89.62103	87.66957	86.4196	98.84213	61.1437	0	38.8563	12.99762	25.85868	24.63776	4
2067.395	2069.357	1424.857	87.96469	83.74293	84.60257	85.75212	64.86312	0	35.13688	11.22958	23.9073	26.47934	4
2067.4	2069.362	1424.862	84.1823	69.64062	81.36406	79.43578	67.54066	0	32.45934	19.7538	12.70554	28.55755	4
2067.405	2069.367	1424.867	81.05504	61.0234	79.04024	77.63112	66.2764	0	33.7236	9.668974	24.05463	29.8025	4
2067.41	2069.373	1424.873	78.4222	49.54904	77.39626	75.57924	63.81174	0	36.18826	20.74245	15.4458	30.88697	4
2067.415	2069.378	1424.878	76.32088	48.81566	75.67812	73.53971	62.95278	0	37.04722	10.69746	26.34976	31.10716	4
2067.42	2069.383	1424.883	75.96242	46.99749	75.35674	72.8846	63.43517	0	36.56483	25.40297	11.16186	31.10831	4
2067.425	2069.389	1424.889	76.16019	54.1174	75.29494	72.81043	63.54191	0	36.45809	10.43999	26.0181	31.00296	4
2067.43	2069.394	1424.894	74.60274	46.21827	74.21955	72.6621	63.15033	0	36.84967	20.37294	16.47674	30.93094	2
2067.435	2069.399	1424.899	80.86963	46.56968	80.85727	77.14905	54.42587	2.068102	43.50602	27.25358	16.25244	30.86358	2
2067.44	2069.404	1424.904	78.50873	84.41519	77.11197	74.70162	58.1684	0.742393	41.0892	13.09584	27.99337	30.36799	2
2067.445	2069.41	1424.91	74.78815	46.00437	74.15775	72.6621	64.94742	0	35.05258	8.914995	26.13758	30.69332	2
2067.45	2069.415	1424.915	72.77335	23.25428	72.41489	71.72269	70.19906	0	29.80094	21.55183	8.249119	30.09437	2
2067.455	2069.42	1424.92	73.91054	31.58121	73.71276	72.81043	65.89238	0	34.10762	7.410188	26.69743	30.54414	2
2067.46	2069.425	1424.925	74.36788	76.95915	72.82279	70.78327	64.93189	0	35.06811	7.021759	28.04635	30.59465	2
2067.465	2069.431	1424.931	65.64121	30.9395	64.40513	62.79824	81.7023	0	18.2977	16.29866	1.999047	30.3673	2
2067.47	2069.436	1424.936	71.24062	39.90814	70.74619	69.32471	68.63269	0	31.36731	21.94804	9.419275	30.23017	2
2067.475	2069.441	1424.941	72.16767	62.38321	71.54964	70.63494	63.29879	0	36.70121	21.28466	15.41656	30.60695	2
2067.48	2069.447	1424.947	73.3543	46.67664	73.26778	72.06879	61.88886	0	38.11114	20.76842	17.34271	30.94336	2
2067.485	2069.452	1424.952	73.20597	44.67512	72.98348	72.37781	63.56345	0	36.43655	23.47738	12.95918	30.62336	2
2067.49	2069.457	1424.957	69.04041	31.0159	68.94152	68.1628	69.74334	0	30.25666	8.631654	21.625	29.87895	2
2067.495	2069.462	1424.962	70.84508	38.80807	70.41245	67.9403	68.78383	0	31.21617	11.72388	19.4923	30.39258	2
2067.5	2069.468	1424.968	77.48279	61.0234	76.50629	75.23313	61.51603	0	38.48397	18.94764	19.53633	31.00324	2
2067.505	2069.473	1424.973	79.4605	67.56271	78.34804	75.78937	59.16777	0.40457	40.42766	24.28873	16.13893	30.97058	2
2067.51	2069.478	1424.978	74.07123	34.86615	73.5768	73.19361	67.24869	0	32.75131	6.308121	26.44319	30.28984	2
2067.515	2069.484	1424.984	68.5089	30.38947	67.1245	65.83898	80.34668	0	19.65332	9.851252	9.80207	30.18147	2
2067.52	2069.489	1424.989	72.79807	28.76992	71.98226	71.47547	72.38597	0	27.61403	17.84465	9.769386	29.92993	2
2067.525	2069.494	1424.994	76.29616	61.40537	75.29494	74.83759	62.70689	0	37.29311	15.9683	21.32481	30.66004	2
2067.53	2069.499	1424.999	73.79929	34.1786	73.34194	72.45197	67.37787	0	32.62213	11.24509	21.37703	30.36215	2
2067.535	2069.505	1425.005	73.07001	44.41538	72.32836	71.59908	67.77481	0	32.22519	23.40061	8.824578	30.22541	2
2067.54	2069.51	1425.01	71.54964	62.4596	69.65844	69.52248	73.71585	0	26.28415	12.02788	14.25627	29.92562	2
2067.545	2069.515	1425.015	72.62502	49.27403	72.18003	71.57436	64.70931	0	35.29069	11.37217	23.91851	30.44643	2
2067.55	2069.52	1425.02	71.77213	58.36489	70.5237	67.68073	69.5207	0	30.4793	4.676485	25.80282	30.50362	2
2067.555	2069.526	1425.026	73.89818	89.35023	72.11823	68.2864	64.1855	0	35.8145	19.03307	16.78143	30.99272	2
2067.56	2069.531	1425.031	68.49654	78.67038	66.43229	62.16784	73.94283	0	26.05717	18.80218	7.254989	31.03885	2
2067.565	2069.536	1425.036	69.73261	49.70183	68.73139	66.58062	71.57761	0	28.42239	13.16748	15.25491	30.27625	2
2067.57	2069.542	1425.042	71.66088	45.80575	71.2777	69.65844	65.95666	0	34.04334	14.38823	19.6551	30.4726	2
2067.575	2069.547	1425.047	70.01691	52.34506	68.48418	65.39399	74.7956	0	25.2044	18.49524	6.709152	30.47886	2
2067.58	2069.552	1425.052	73.08237	75.21737	71.79685	70.10343	64.52437	0	35.47563	10.5185	24.95713	30.62737	2
2067.585	2069.557	1425.057	68.55834	39.23588	67.54476	66.50646	75.28649	0	24.71351	10.67394	14.03957	29.99186	2
2067.59	2069.563	1425.063	71.52492	57.31066	70.63494	68.9786	67.22519	0	32.77481	17.7955	14.97931	30.40308	2
2067.595	2069.568	1425.068	71.47547	52.19227	71.06757	70.18996	64.77329	0	35.22671	17.30484	17.92187	30.42624	2
2067.6	2069.573	1425.073	69.96746	44.62928	69.15165	67.26046	71.15216	0	28.84784	22.6718	6.176043	30.20087	2
2067.605	2069.579	1425.079	69.44831	44.35426	68.47181	66.70423	72.94168	0	27.05832	5.623221	21.4351	30.15264	2
2067.61	2069.584	1425.084	67.45823	60.76366	65.96259	62.71171	74.82489	0	25.17511	6.058345	19.11676	30.66346	2
2067.615	2069.589	1425.089	77.58167	122.6121	77.09961	77.47043	42.68876	5.120961	52.19028	32.4837	19.70658	27.21199	2
2067.62	2069.594	1425.094	70.94396	67.95996	70.01691	70.36301	65.46992	0	34.53008	14.96644	19.56363	30.17279	2
2067.625	2069.6	1425.1	71.54964	114.3005	68.69431	67.13686	68.64242	0	31.35758	5.662123	25.69546	30.62094	2

2067.63	2069.605	1425.105	67.2481	68.32665	66.06147	62.79824	70.79308	0	29.20692	19.03143	10.17549	30.66699	2
2067.635	2069.61	1425.11	68.26168	51.10748	67.13686	64.52874	73.54865	0	26.45135	6.804604	19.64675	30.37117	2
2067.64	2069.615	1425.115	73.9847	61.05396	73.07001	68.37293	64.2479	0	35.7521	8.060734	27.69137	31.24517	2
2067.645	2069.621	1425.121	71.63616	42.13884	70.90688	69.32471	69.54908	0	30.45092	17.06894	13.38198	30.23112	2
2067.65	2069.626	1425.126	76.64226	33.6744	76.56809	77.3221	61.91469	0	38.08531	10.33004	27.75527	31.01541	4
2067.655	2069.631	1425.131	80.20215	59.99972	80.25159	80.30103	51.31091	2.903943	45.78515	14.50689	31.27826	29.45038	4
2067.66	2069.637	1425.137	79.06496	72.03939	77.82889	76.32088	59.40627	0.352707	40.24102	19.66679	20.57423	30.70273	4
2067.665	2069.642	1425.142	80.437	81.75669	79.69536	77.82889	51.96058	2.461828	45.57759	16.56333	29.01427	29.50692	4
2067.67	2069.647	1425.147	85.65323	98.83835	85.01047	84.44188	42.26152	5.405424	52.33305	20.36684	31.96622	28.24623	4
2067.675	2069.652	1425.152	82.21695	129.182	82.14278	81.61127	33.67314	7.954324	58.37253	30.02304	28.3495	27.15695	4
2067.68	2069.658	1425.158	79.88077	78.08978	79.64592	79.43578	49.43208	3.310806	47.25711	22.62587	24.63125	28.9183	4
2067.685	2069.663	1425.163	76.01186	107.8528	75.70284	76.74114	46.3636	4.107306	49.5291	27.84774	21.68136	27.56948	4
2067.69	2069.668	1425.168	71.64852	122.3218	70.49897	68.44709	53.39048	2.799987	43.80954	23.65199	20.15755	28.26405	4
2067.695	2069.674	1425.174	70.2394	104.5526	69.32471	70.8698	57.1669	1.770651	41.06245	19.83716	21.22529	28.42885	4
2067.7	2069.679	1425.179	70.67202	58.10515	70.65966	73.53971	61.01609	0.080817	38.9031	10.00813	28.89497	29.92451	4
2067.705	2069.684	1425.184	68.86736	82.81092	67.2481	67.64365	69.15102	0	30.84898	6.094956	24.75402	30.16278	4
2067.71	2069.689	1425.189	66.77839	82.85676	66.33341	65.85134	61.96119	0.462456	37.57636	21.08271	16.49365	29.86657	2
2067.715	2069.695	1425.195	63.83654	45.43906	62.92185	60.32609	77.36301	0	22.63699	4.488124	18.14886	30.38424	2
2067.72	2069.7	1425.2	64.02195	34.60641	63.8489	63.07018	74.06619	0	25.93381	20.51874	5.415067	29.59948	2
2067.725	2069.705	1425.205	64.12084	61.2373	62.41506	61.12954	79.4092	0	20.5908	5.091904	15.49889	30.69085	2
2067.73	2069.71	1425.21	68.41001	44.76679	68.05155	67.45823	69.0073	0	30.9927	23.52315	7.469547	29.93002	2
2067.735	2069.716	1425.216	70.31356	58.42601	70.38773	71.26534	60.59765	0.162405	39.23994	16.12647	23.11347	30.19154	2
2067.74	2069.721	1425.221	66.03675	44.1862	65.83898	65.8019	70.08586	0	29.91414	21.20662	8.707516	29.65007	2
2067.745	2069.726	1425.226	68.18752	70.86293	68.1628	68.66959	60.31025	0.439004	39.25075	24.22392	15.02683	29.78516	2
2067.75	2069.732	1425.232	66.72895	87.80708	67.26046	67.74253	53.24084	2.052703	44.70646	29.64457	15.06188	28.27917	2
2067.755	2069.737	1425.237	69.18874	50.17547	69.07749	68.1628	65.06606	0	34.93394	13.33157	21.60237	30.24315	2
2067.76	2069.742	1425.242	74.73871	41.05405	74.73871	75.18369	61.30531	0	38.69469	24.25082	14.44387	30.89403	2
2067.765	2069.747	1425.247	79.63356	67.02795	79.23801	78.11319	53.58183	2.100733	44.31744	25.47104	18.8464	29.81913	2
2067.77	2069.753	1425.253	84.93631	91.9629	84.03398	81.7596	46.59666	3.903152	49.50019	28.54124	20.95895	29.04065	2
2067.775	2069.758	1425.258	82.21695	108.8612	82.62485	81.7596	34.85474	7.943722	57.20154	39.86394	17.3376	27.57788	2
2067.78	2069.763	1425.263	80.80782	88.61685	79.94257	77.49515	50.91722	2.707562	46.37522	14.89644	31.47878	29.3747	2
2067.785	2069.769	1425.269	83.45302	154.9267	83.67551	84.73854	24.00664	11.04015	64.95321	41.01831	23.9349	26.64612	2
2067.79	2069.774	1425.274	71.2777	76.45495	69.38651	68.59542	70.57915	0	29.42085	14.87938	14.54146	30.18768	2
2067.795	2069.779	1425.279	77.30974	80.8094	75.64104	73.78693	62.25158	0	37.74842	25.05133	12.69709	30.66853	2
2067.8	2069.784	1425.284	75.98714	90.22112	75.22077	76.66698	54.19765	1.998285	43.80406	20.18667	23.61739	28.74056	2
2067.805	2069.79	1425.29	69.13929	97.27991	67.48296	68.62014	65.68673	0.121877	34.19139	25.57766	8.613735	30.09353	2
2067.81	2069.795	1425.295	70.33829	83.40679	68.76847	70.05399	67.27038	0	32.72962	24.89093	7.83869	30.00286	2
2067.815	2069.8	1425.3	74.52857	130.6793	71.6238	71.36423	62.3213	0.733681	36.94501	10.52032	26.4247	29.3729	2
2067.82	2069.805	1425.305	74.40497	98.7314	73.6386	77.75472	53.59376	2.275457	44.13078	21.94928	22.1815	27.87696	2
2067.825	2069.811	1425.311	69.36179	55.2633	68.87972	69.79441	66.54947	0	33.45053	13.62014	19.83039	29.87651	2
2067.83	2069.816	1425.316	65.61649	42.94862	64.61527	62.84768	76.99872	0	23.00128	21.38798	1.613303	30.20464	2
2067.835	2069.821	1425.321	64.17028	29.91583	63.97251	63.77474	75.25644	0	24.74356	5.185824	19.55773	29.48207	2
2067.84	2069.827	1425.327	66.09855	39.55673	65.5176	63.39155	74.119	0	25.881	11.01015	14.87085	30.07131	2
2067.845	2069.832	1425.332	66.98853	34.62169	66.72895	66.63007	72.00382	0	27.99618	12.23397	15.76222	29.61948	2
2067.85	2069.837	1425.337	69.55956	48.47953	69.59664	69.2011	63.98577	0	36.01423	13.26669	22.74754	30.23819	2
2067.855	2069.842	1425.342	74.12067	74.4076	74.25664	74.41733	52.74859	2.241768	45.00964	26.47105	18.53859	29.00763	2
2067.86	2069.848	1425.348	70.42481	77.95227	69.80677	67.96502	61.13451	0.443688	38.4218	14.8948	23.52701	30.33655	2
2067.865	2069.853	1425.353	69.36179	56.89813	69.21346	69.11457	63.56736	0	36.43264	10.2619	26.17074	30.24668	2
2067.87	2069.858	1425.358	70.44953	84.07906	69.43595	66.82784	62.69454	0.270856	37.0346	22.79015	14.24445	30.61775	2
2067.875	2069.864	1425.364	70.67202	42.82639	70.63494	71.98226	64.90514	0	35.09486	14.9348	20.16006	29.92647	2
2067.88	2069.869	1425.369	70.90688	54.19379	70.49897	70.59786	64.81203	0	35.18797	25.15541	10.03256	30.21189	2
2067.885	2069.874	1425.374	70.85744	110.8322	68.31113	70.5855	67.72368	0	32.27632	9.78565	22.49067	29.99697	2
2067.89	2069.879	1425.379	66.86492	54.88133	65.25802	63.94779	77.65643	0	22.34357	13.04754	9.296033	30.37533	2
2067.895	2069.885	1425.385	65.56704	30.52698	64.81304	63.63877	78.13433	0	21.86567	15.22793	6.637743	29.95435	2
2067.9	2069.89	1425.39	71.53728	74.98819	70.89452	70.63494	61.01994	0.386296	38.59377	12.43679	26.15697	30.16823	2
2067.905	2069.895	1425.395	76.59282	67.28769	76.95128	78.45929	50.47291	2.923972	46.60311	13.74938	32.85373	28.75874	2
2067.91	2069.9	1425.4	71.57436	77.18834	70.00455	70.14051	67.63806	0	32.36194	18.26412	14.09782	30.11339	2
2067.915	2069.906	1425.406	69.57192	77.17306	68.15044	65.82662	68.33446	0	31.66554	18.46132	13.20423	30.6002	2
2067.92	2069.911	1425.411	72.2542	80.68717	70.80799	69.02805	65.20793	0	34.79207	18.07562	16.71645	30.60864	2
2067.925	2069.916	1425.416	66.02439	65.97372	65.24566	64.52874	69.32705	0	30.67295	18.71393	11.95902	30.11147	2
2067.93	2069.922	1425.422	65.95023	76.74525	64.57818	64.15792	71.38676	0	28.61324	12.02277	16.59047	30.28576	2
2067.935	2069.927	1425.427	65.65357	55.18691	64.94901	62.63755	71.70384	0	28.29616	9.212466	19.0837	30.25721	2
2067.94	2069.932	1425.432	62.04423	62.79574	60.11596	59.36196	82.66686	0	17.33314	4.830601	12.50254	31.0644	2
2067.945	2069.937	1425.437	65.77718	53.90349	65.22094	63.26795	70.75116	0	29.24884	15.75993	13.48891	30.15068	2
2067.95	2069.943	1425.443	62.36561	31.10757	62.31617	62.63755	75.47879	0	24.52121	13.09696	11.42425	29.28166	2
2067.955	2069.948	1425.448	65.77718	51.56584	64.80068	63.1567	74.57392	0	25.42608	10.08973	15.33635	30.19165	2
2067.96	2069.953	1425.453	74.35552	55.12579	74.18247	74.31844	59.59362	0.41844	39.98794	15.75071	24.23723	30.468	2
2067.965	2069.959	1425.459	78.18735	58.59407	77.92777	78.48401	55.89958	1.448616	42.6518	16.99881	25.65299	29.93331	2
2067.97	2069.964	1425.464	81.0674	72.91028	80.7213	79.21329	50.45598	3.040548	46.50347	33.21121	13.29226	29.43912	2
2067.975	2069.969	1425.469	87.38373	81.35944	87.47026	88.52092	39.24741	7.441592	53.311	22.75217	30.55882	28.02264	2
2067.98	2069.974	1425.474	85.56671	62.04708	85.02283	85.02283	50.47825	3.21072	46.31103	21.30162	25.00941	29.58726	2
2067.985	2069.98	1425.48	88.11302	62.06235	87.61859	87.09944	47.74876	4.34637	47.90487	26.67568	21.22919	29.446	2
2067.99	2069.985	1425.485	88.89174	72.69638	88.53328	88.59509	43.40515	5.908336	50.68652	32.80612	17.8804	28.73771	2

2067.995	2069.99	1425.49	87.79164	76.05771	87.29721	87.54442	44.65756	5.161027	50.18142	22.93038	27.25103	28.74524	2
2068	2069.995	1425.495	86.43196	72.54359	86.55556	87.79164	41.96909	6.512968	51.51794	24.2603	27.25763	28.2833	2
2068.005	2070.001	1425.501	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2068.3	2070.312	1425.812	126.2953	100.8704	126.2706	132.624	0	65.60807	34.39193	34.39193	0	-9999	2
2068.305	2070.317	1425.817	130.4732	127.3485	130.5227	132.5869	0	85.23387	14.76613	14.76613	0	-9999	2
2068.31	2070.323	1425.823	132.1914	68.26553	131.9194	129.8428	3.971172	77.95095	18.07788	18.07788	0	-9999	2
2068.315	2070.328	1425.828	125.257	50.83246	124.6513	123.0444	17.15608	45.07751	37.76641	12.74414	25.02227	24.02413	2
2068.32	2070.333	1425.833	128.2854	33.27716	128.4337	128.6068	12.77482	72.89844	14.32674	0	14.32674	19.65291	2
2068.325	2070.339	1425.839	123.2917	29.61025	123.3782	124.2187	18.73542	53.91517	27.3494	7.995821	19.35358	22.48805	2
2068.33	2070.344	1425.844	120.8072	72.87972	120.4858	121.9691	13.71122	42.01799	44.2708	20.00196	24.26883	24.59096	2
2068.335	2070.349	1425.849	117.4079	56.04252	117.136	116.5551	20.5299	34.62492	44.84518	28.00694	16.83824	25.72995	2
2068.34	2070.354	1425.854	113.0693	69.18226	112.4019	112.1423	24.40707	22.87787	52.71506	25.03119	27.68386	27.1298	2
2068.345	2070.36	1425.86	112.5255	42.82639	112.5378	111.5984	26.01679	28.91865	45.06455	19.49108	25.57347	26.61001	2
2068.35	2070.365	1425.865	112.4019	38.10525	112.8345	111.9569	24.01598	33.7724	42.21162	19.60519	22.60643	26.08304	2
2068.355	2070.37	1425.87	119.5587	60.93173	120.1891	121.0296	10.37492	55.85757	33.76751	14.36985	19.39766	23.34936	2
2068.36	2070.375	1425.875	113.6008	78.53287	113.3042	111.277	18.78137	29.08261	52.13603	23.30844	28.82758	26.91823	2
2068.365	2070.381	1425.881	105.8012	41.4513	106.2833	106.6541	28.89563	23.43967	47.6647	32.70562	14.95908	27.16916	2
2068.37	2070.386	1425.886	103.0077	39.86231	103.5268	102.7976	31.56282	19.89971	48.53746	25.45739	23.08008	27.80585	2
2068.375	2070.391	1425.891	105.4675	37.11213	105.3068	104.3179	35.23412	16.87096	47.89492	20.88296	27.01195	28.26409	2
2068.38	2070.397	1425.897	101.7469	36.36347	101.2896	99.99168	41.13733	10.85226	48.01041	20.19166	27.81874	29.24229	2
2068.385	2070.402	1425.902	100.6592	53.65903	100.8569	99.52197	32.87536	15.73439	51.39026	19.11411	32.27615	28.24202	2
2068.39	2070.407	1425.907	94.59004	17.00527	95.22044	96.17221	43.97631	10.29182	45.73187	32.75729	12.97458	29.1789	2
2068.395	2070.412	1425.912	87.33429	22.04726	87.71747	89.00299	51.34735	4.498908	44.15374	22.40573	21.74801	30.07776	2
2068.4	2070.418	1425.918	85.23297	31.74928	84.68909	81.03032	58.11735	1.049406	40.83324	18.8762	21.95704	31.95098	2
2068.405	2070.423	1425.923	82.50124	29.01438	81.64835	80.0291	63.68728	0	36.31272	7.332411	28.98031	31.40141	2
2068.41	2070.428	1425.928	80.98087	35.187	80.85727	81.17865	57.9403	1.046585	41.01312	16.72246	24.29066	30.90158	2
2068.415	2070.434	1425.934	92.69885	146.6609	90.26378	86.75334	38.09687	3.626956	58.27617	31.04905	27.22712	28.43719	2
2068.42	2070.439	1425.939	85.76448	61.69566	84.98575	83.76204	52.20146	2.497152	45.30139	32.13751	13.16388	30.07777	2
2068.425	2070.444	1425.944	83.3665	26.58506	83.91037	85.62851	52.65423	3.311526	44.03424	25.79555	18.2387	30.01554	2
2068.43	2070.449	1425.949	86.08586	39.84703	88.34787	90.33795	33.62742	11.85608	54.5165	34.54653	19.96996	28.01359	2
2068.435	2070.455	1425.955	82.05626	23.51402	82.36528	83.19345	56.42296	1.834387	41.74266	28.6537	13.08895	30.79087	4
2068.44	2070.46	1425.96	85.36893	40.12204	85.36893	84.30591	51.75105	3.420335	44.82862	13.46689	31.36173	30.2678	4
2068.445	2070.465	1425.965	88.65689	43.04029	88.70633	85.59143	47.63673	5.365275	46.998	17.23679	29.7612	30.14818	4
2068.45	2070.47	1425.97	83.67551	36.33291	83.74968	81.56183	53.65119	2.681044	43.66777	19.25709	24.41068	30.75238	4
2068.455	2070.476	1425.976	82.71138	52.0242	81.24045	78.19971	62.71536	0	37.28464	12.34723	24.93741	30.98055	4
2068.46	2070.481	1425.981	83.45302	67.63911	80.73366	79.36162	67.9296	0	32.0704	12.97543	19.09496	28.66421	4
2068.465	2070.486	1425.986	86.71625	47.59336	86.4196	86.8275	51.00255	3.499314	45.49814	18.2736	27.22453	29.84174	4
2068.47	2070.492	1425.992	88.74341	73.17002	87.77928	84.23175	48.12098	3.600017	48.27901	22.71681	25.5622	29.9527	4
2068.475	2070.497	1425.997	90.62225	53.07844	90.89418	90.99307	41.67505	8.078937	50.24602	18.36064	31.88538	28.79865	4
2068.48	2070.502	1426.002	87.44554	44.91958	87.70511	87.79164	46.66786	5.647441	47.6847	20.91179	26.77291	29.36999	4
2068.485	2070.507	1426.007	88.64453	45.53073	88.80522	89.32437	46.18325	5.958708	47.85804	23.49619	24.36185	29.25953	4
2068.49	2070.513	1426.013	88.558	46.1266	88.74341	89.60867	45.92706	6.047802	48.02513	18.92205	29.10309	29.15448	4
2068.495	2070.518	1426.018	92.21678	67.7155	91.92012	90.74585	41.07251	7.480859	51.44663	21.39167	30.05496	28.90087	4
2068.5	2070.523	1426.023	91.63583	49.2893	91.67291	91.1414	43.47964	7.411542	49.10882	31.02369	18.08513	29.17355	4
2068.505	2070.529	1426.029	95.8632	33.62857	95.76431	94.77545	44.43411	8.446737	47.11915	32.42721	14.69194	29.56915	4
2068.51	2070.534	1426.034	98.21173	48.84622	97.81619	96.44415	40.88988	9.415007	49.69511	18.41582	31.27929	29.17758	4
2068.515	2070.539	1426.039	97.11163	83.60542	97.97688	93.19328	23.71909	18.52849	57.75242	39.39792	18.35449	28.47495	4
2068.52	2070.544	1426.044	96.85205	60.87061	97.6555	100.1524	29.9387	16.34955	53.71174	32.23664	21.4751	27.37499	4
2068.525	2070.55	1426.05	94.73837	78.68565	94.6642	91.98193	34.37355	10.84167	54.78479	37.7525	17.03229	28.59666	4
2068.53	2070.555	1426.055	91.47514	67.39464	90.86946	89.32437	44.22736	5.718158	50.05448	18.40122	31.65327	29.29686	4
2068.535	2070.56	1426.06	91.37625	44.49177	90.72113	89.91768	50.24401	3.914942	45.84105	33.5491	12.29194	30.20815	4
2068.54	2070.565	1426.065	90.37503	73.85756	89.86824	90.02893	42.90906	6.068571	51.02236	20.7213	30.30106	28.7181	4
2068.545	2070.571	1426.071	88.60745	92.91019	89.21312	89.00299	31.3029	10.88479	57.81231	22.4938	35.31851	27.76311	4
2068.55	2070.576	1426.076	87.35901	116.5312	87.65567	85.097	29.13007	10.57154	60.29839	30.90405	29.39433	27.86907	4
2068.555	2070.581	1426.081	85.77684	66.53903	85.45546	80.44936	47.47355	4.316478	48.20997	17.51847	30.6915	30.05953	4
2068.56	2070.587	1426.087	84.89923	68.28081	84.80034	85.24533	46.13512	4.803011	49.06187	30.25101	18.81086	28.83185	4
2068.565	2070.592	1426.092	84.62729	63.83469	84.45424	85.02283	48.03604	4.159582	47.80438	27.27579	20.52859	29.08229	4
2068.57	2070.597	1426.097	84.0587	68.7239	83.7126	83.53955	48.71709	3.745155	47.53775	23.88092	23.65683	29.20024	4
2068.575	2070.602	1426.102	78.13791	41.97078	78.40984	80.52353	55.84869	1.52697	42.62434	26.98632	15.63802	29.95147	4
2068.58	2070.608	1426.108	73.93526	27.96015	73.25542	72.81043	70.48197	0	29.51803	17.59261	11.92542	30.0488	4
2068.585	2070.613	1426.113	75.60396	36.04261	75.31966	75.35674	63.92535	0	36.07465	6.278881	29.79577	30.68879	4
2068.59	2070.618	1426.118	75.39382	31.4437	74.56566	73.89818	69.44661	0	30.55339	18.14314	12.41025	30.17793	4
2068.595	2070.624	1426.124	75.85117	36.71488	75.48035	74.41733	64.20579	0	35.79421	12.97068	22.82353	30.85563	4
2068.6	2070.629	1426.129	75.19605	49.8699	74.46677	75.08481	64.40306	0	35.59694	20.65259	14.94435	30.33562	4
2068.605	2070.634	1426.134	76.04894	60.64143	75.43091	76.08603	60.14953	0.308458	39.54201	18.70105	20.84097	30.45226	4
2068.61	2070.639	1426.139	76.19727	36.42458	75.50507	75.35674	66.44832	0	33.55168	23.58578	9.965904	30.38448	4
2068.615	2070.645	1426.145	75.04772	36.27179	74.19483	73.04529	68.78822	0	31.21178	21.05847	10.15331	30.28212	4
2068.62	2070.65	1426.15	74.98592	40.50401	74.14539	73.58916	67.72509	0	32.27491	23.68551	8.589401	30.24241	4
2068.625	2070.655	1426.155	74.52857	24.12517	74.40497	74.29372	66.55338	0	33.44662	25.21974	8.226888	30.42415	4
2068.63	2070.66	1426.16	73.60152	19.32764	73.41611	73.14417	69.04625	0	30.95375	15.82457	15.12919	30.16662	4
2068.635	2070.666	1426.166	71.50019	24.17101	71.42603	71.37659	68.94521	0	31.05479	7.573886	23.4809	29.94794	4
2068.64	2070.671	1426.171	75.96242	55.17163	74.19483	72.71155	70.46182	0	29.53818	23.71932	5.818857	29.97757	4
2068.645	2070.676	1426.176	76.82767	59.15939	75.023	74.40497	68.98814	0	31.01186	18.87492	12.13694	29.83792	4

2068.65	2070.682	1426.182	78.39748	47.04333	77.39626	76.66698	64.24928	0	35.75072	25.42057	10.33015	30.64906	4
2068.655	2070.687	1426.187	78.59525	66.00428	77.71764	76.44449	58.52082	0.658629	40.82055	27.73838	13.08217	30.57843	4
2068.66	2070.692	1426.192	81.21573	98.62445	80.39992	78.0143	47.73693	3.606704	48.65637	29.42489	19.23148	28.82699	4
2068.665	2070.697	1426.197	81.40114	85.11802	81.83377	82.34056	41.15954	6.065353	52.7751	37.52893	15.24617	27.96821	4
2068.67	2070.703	1426.203	83.51482	89.02938	83.81148	82.99567	39.32216	6.84311	53.83473	35.59751	18.23723	28.11579	4
2068.675	2070.708	1426.208	84.98575	134.0865	84.45424	77.12433	33.4834	7.911016	58.60559	23.79842	34.80717	28.46506	4
2068.68	2070.713	1426.213	83.55191	101.9399	83.04512	82.92151	42.3904	5.338617	52.27098	21.68172	30.58926	27.99866	4
2068.685	2070.719	1426.219	83.87329	98.9453	83.23053	81.31461	43.87319	4.839244	51.28757	23.90746	27.38011	28.52007	4
2068.69	2070.724	1426.224	82.48888	82.8262	81.16629	78.79303	54.31642	1.502135	44.18144	17.66332	26.51813	30.05263	4
2068.695	2070.729	1426.229	80.27631	64.17082	79.32454	77.17377	57.99272	0.723426	41.28386	28.86139	12.42247	30.79652	4
2068.7	2070.734	1426.234	79.08968	72.75749	77.33446	73.39139	63.23316	0	36.76684	8.112723	28.65411	30.83114	4
2068.705	2070.74	1426.24	79.70772	121.619	77.39626	71.72269	55.15089	1.382551	43.46656	31.53995	11.92661	29.83411	4
2068.71	2070.745	1426.245	74.57802	61.17619	73.03292	70.9934	68.55805	0	31.44195	8.645073	22.79688	30.30199	4
2068.715	2070.75	1426.25	74.42969	73.15474	72.46433	70.56078	69.05275	0	30.94725	22.39897	8.54828	30.1998	4
2068.72	2070.756	1426.256	72.316	62.64295	71.61144	70.00455	63.77004	0	36.22996	8.742457	27.48751	30.68132	4
2068.725	2070.761	1426.261	71.84629	64.67502	70.96868	70.63494	65.05155	0	34.94845	9.988208	24.96025	30.32251	4
2068.73	2070.766	1426.266	69.00333	65.42368	67.65601	65.34455	71.12614	0	28.87386	7.403922	21.46994	30.44367	4
2068.735	2070.771	1426.271	70.07871	58.25794	69.08985	67.8785	69.09282	0	30.90718	11.81029	19.09689	30.20901	4
2068.74	2070.777	1426.277	71.32714	90.69477	70.07871	69.93038	62.10626	0.473347	37.4204	19.2789	18.1415	29.9556	4
2068.745	2070.782	1426.282	68.81792	97.89107	68.48418	65.36927	55.58436	1.941663	42.47397	23.97526	18.49871	29.11639	4
2068.75	2070.787	1426.287	68.2864	89.44191	66.85256	64.44222	66.64386	0	33.35614	18.70027	14.65586	30.8064	4
2068.755	2070.792	1426.292	66.07383	68.37249	64.96137	65.18386	71.28754	0	28.71246	16.97578	11.73668	30.0096	4
2068.76	2070.798	1426.298	66.98853	99.00642	66.70423	67.13686	56.6143	1.789177	41.59652	29.27495	12.32157	28.45565	4
2068.765	2070.803	1426.303	64.99845	90.48086	63.47808	63.96015	70.08792	0	29.91208	22.84144	7.070631	30.3369	4
2068.77	2070.808	1426.308	63.73765	58.73158	62.61283	64.00959	75.86572	0	24.13428	8.748363	15.38592	29.80122	4
2068.775	2070.814	1426.314	65.12206	63.31521	65.34455	68.81792	63.0411	0	36.9589	16.73147	20.22743	29.29156	4
2068.78	2070.819	1426.319	69.42359	84.99579	70.32592	70.41245	48.56823	3.025625	48.40614	14.84654	33.5596	28.07087	4
2068.785	2070.824	1426.324	73.20597	111.2294	73.51499	68.23696	43.33809	4.80614	51.85577	29.67218	22.18359	28.27162	4
2068.79	2070.829	1426.329	74.98592	114.056	73.86109	71.29006	52.12881	2.749453	45.12174	22.16337	22.95837	28.6242	4
2068.795	2070.835	1426.335	76.44449	112.7879	74.47913	70.14051	57.60792	1.262282	41.1298	24.76212	16.36768	29.86519	4
2068.8	2070.84	1426.34	76.2838	92.58933	74.87467	70.78327	58.33299	0.949649	40.71736	28.15988	12.55747	30.35563	4
2068.805	2070.845	1426.345	77.70528	98.18136	76.82767	73.18125	51.55274	2.64764	45.79962	18.73607	27.06355	29.27535	4
2068.81	2070.851	1426.351	77.11197	110.3127	76.33324	74.46677	48.39644	3.554781	48.04877	30.18217	17.8666	28.3046	4
2068.815	2070.856	1426.356	77.0378	127.3333	74.88703	71.64852	54.97902	1.932246	43.08873	24.98394	18.10479	29.00323	4
2068.82	2070.861	1426.361	75.57924	119.0522	73.32958	73.46555	59.09129	1.101247	39.80746	21.38448	18.42298	29.07242	4
2068.825	2070.866	1426.366	75.83881	114.4991	73.2307	71.31478	62.7324	0.161675	37.10592	12.55267	24.55326	30.23313	4
2068.83	2070.872	1426.372	74.56566	89.54886	73.41611	73.68804	58.63777	0.987182	40.37505	11.52048	28.85457	29.53792	4
2068.835	2070.877	1426.377	76.35796	73.67422	75.85117	74.99828	55.84914	1.479738	42.67112	16.68007	25.99105	29.76427	4
2068.84	2070.882	1426.382	75.03536	48.89206	74.91176	74.94884	60.09354	0.256038	39.65042	27.66705	11.98337	30.73932	4
2068.845	2070.887	1426.387	74.52857	55.67583	74.21955	73.89818	60.35505	0.240303	39.40464	21.88154	17.5231	30.67691	4
2068.85	2070.893	1426.393	71.35187	92.08513	69.67081	68.47181	65.09989	0	34.90011	9.972755	24.92735	30.57973	6
2068.855	2070.898	1426.398	67.60656	110.71	66.67951	66.72895	58.19483	1.835674	39.9695	20.38616	19.58334	28.51	6
2068.86	2070.903	1426.403	63.5028	55.98141	62.99601	60.95649	71.95755	0	28.04245	14.29756	13.74489	30.1147	6
2068.865	2070.909	1426.409	67.38407	62.99436	66.59298	64.41749	68.89294	0	31.10706	18.68373	12.42333	30.37458	6
2068.87	2070.914	1426.414	66.22216	93.94914	64.97373	64.8872	66.01528	0.163291	33.82143	7.752737	26.06869	30.23357	6
2068.875	2070.919	1426.419	67.5324	148.5555	66.12328	66.41993	52.84048	3.770538	43.38898	14.16497	29.22401	26.81272	6
2068.88	2070.924	1426.424	64.30625	80.56494	62.36561	61.8341	76.38146	0	23.61854	12.85792	10.76063	30.6878	6
2068.885	2070.93	1426.43	61.56217	37.38714	61.45092	61.61161	75.17728	0	24.82272	5.455811	19.36691	29.36029	6
2068.89	2070.935	1426.435	58.92933	47.31834	57.64381	56.0122	84.29673	0	15.70327	7.4278	8.275474	31.00564	6
2068.895	2070.94	1426.44	69.37415	19.69433	69.88094	70.83271	67.48213	0	32.51787	10.09964	22.41822	29.59831	6
2068.9	2070.946	1426.446	69.06513	33.01742	69.17638	68.74375	67.6077	0	32.3923	6.282133	26.11016	29.8885	6
2068.905	2070.951	1426.451	63.35447	39.63312	62.03187	60.82052	82.37281	0	17.62719	9.220298	8.406896	30.51541	6
2068.91	2070.956	1426.456	67.21102	28.80048	66.93908	66.70423	73.30365	0	26.69635	11.75201	14.94434	29.59948	6
2068.915	2070.961	1426.461	64.8254	45.6224	64.10848	64.66471	74.87616	0	25.12384	6.670032	18.45381	29.65095	6
2068.92	2070.967	1426.467	65.98731	43.75839	66.01203	67.71781	68.51055	0	31.48945	10.18956	21.29988	29.29983	6
2068.925	2070.972	1426.472	62.67463	34.23972	62.95893	63.71293	71.85003	0	28.14997	11.55096	16.59901	29.05934	6
2068.93	2070.977	1426.477	59.54737	41.90966	58.87989	58.50907	80.24725	0	19.75275	7.355396	12.39735	30.00601	6
2068.935	2070.982	1426.482	59.33723	23.51402	59.13946	58.85517	81.25208	0	18.74792	6.425322	12.3226	29.58718	6
2068.94	2070.988	1426.488	66.87728	25.42387	67.16158	67.8785	70.11703	0	29.88297	13.59892	16.28406	29.32137	6
2068.945	2070.993	1426.493	60.98121	31.2298	59.67097	59.21363	86.49401	0	13.50599	13.50599	0	30.74727	6
2068.95	2070.998	1426.498	72.39017	17.26501	72.50141	72.15531	68.36075	0	31.63925	14.57381	17.06544	30.13488	6
2068.955	2071.004	1426.504	65.59176	71.41296	64.31861	62.93421	72.24059	0	27.75941	20.89072	6.868686	30.38503	6
2068.96	2071.009	1426.509	59.28779	40.90126	57.95283	56.45718	85.90306	0	14.09694	14.09694	0	31.0773	6
2068.965	2071.014	1426.514	66.33341	14.8968	66.24688	66.04911	76.03881	0	23.96119	7.003016	16.95818	29.43297	6
2068.97	2071.019	1426.519	65.87606	18.57898	65.98731	65.54232	74.03575	0	25.96425	18.23082	7.733435	29.40739	6
2068.975	2071.025	1426.525	58.63267	29.16717	58.42254	58.63267	80.62801	0	19.37199	18.67974	0.692247	29.51785	6
2068.98	2071.03	1426.53	58.59559	23.36124	57.91575	57.54493	85.7074	0	14.2926	13.10941	1.183195	30.27098	6
2068.985	2071.035	1426.535	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2069.31	2071.378	1426.878	106.7036	528.3703	103.9348	111.549	0	28.35324	71.64676	71.64676	0	-9999	-9999
2069.315	2071.384	1426.884	104.1325	573.5191	102.7358	101.0918	0	41.67507	58.32493	58.32493	0	-9999	-9999
2069.32	2071.389	1426.889	101.3143	660.8373	100.1895	94.99794	0	47.98564	52.01436	52.01436	0	-9999	-9999
2069.325	2071.394	1426.894	100.1153	719.0035	100.7457	96.95094	0	63.1318	36.8682	36.8682	0	-9999	-9999
2069.33	2071.399	1426.899	98.84213	636.4982	99.53433	98.39715	0	56.57961	43.42039	43.42039	0	-9999	-9999

2069.335	2071.405	1426.905	99.85571	665.9404	100.8693	98.89157	0	61.95894	38.04106	38.04106	0	-9999	-9999
2069.34	2071.41	1426.91	103.6257	707.3917	103.2796	94.12033	0	58.65216	41.34784	41.34784	0	-9999	-9999
2069.345	2071.415	1426.915	105.109	757.4144	104.4663	94.72601	0	60.93857	39.06143	39.06143	0	-9999	-9999
2069.35	2071.421	1426.921	108.8049	679.7829	109.5218	112.2412	0	73.72869	26.27131	26.27131	0	-9999	11
2069.355	2071.426	1426.926	112.0928	690.1878	113.811	116.6292	0	94.10622	5.893783	5.893783	0	-9999	11
2069.36	2071.431	1426.931	112.8098	612.3577	114.6762	116.5427	0	92.97588	7.024122	7.024122	0	-9999	11
2069.365	2071.436	1426.936	112.1299	657.8579	112.921	108.0262	0	79.69392	20.30608	20.30608	0	-9999	11
2069.37	2071.442	1426.942	115.4302	628.1254	116.6045	118.9654	0	91.38406	8.61594	8.61594	0	-9999	11
2069.375	2071.447	1426.947	114.8864	740.5619	115.6774	124.367	0	91.67325	8.326753	8.326753	0	-9999	11
2069.38	2071.452	1426.952	112.4266	779.1713	114.2189	117.89	0	100	0	0	0	-9999	11
2069.385	2071.457	1426.957	115.0594	701.9219	115.5909	115.5909	0	85.616	14.384	14.384	0	-9999	11
2069.39	2071.463	1426.963	110.7084	738.2853	111.277	118.8294	0	79.47434	20.52566	20.52566	0	-9999	11
2069.395	2071.468	1426.968	114.738	691.6851	115.1089	117.0495	0	81.8486	18.1514	18.1514	0	-9999	11
2069.4	2071.473	1426.973	116.6416	662.5638	117.9147	121.4128	0	98.91253	1.087472	1.087472	0	-9999	11
2069.405	2071.479	1426.979	116.6787	673.3964	117.3709	110.2758	0	90.18823	9.811774	9.811774	0	-9999	11
2069.41	2071.484	1426.984	113.6008	780.7603	113.6008	114.0829	0	80.44266	19.55734	19.55734	0	-9999	11
2069.415	2071.489	1426.989	110.3871	766.0163	110.3005	106.5552	0	73.15322	26.84678	26.84678	0	-9999	11
2069.42	2071.494	1426.994	113.3536	740.1493	114.2189	112.1176	0	89.00662	10.99338	10.99338	0	-9999	11
2069.425	2071.5	1427	112.8468	740.4091	113.3042	114.9358	0	82.3872	17.6128	17.6128	0	-9999	11
2069.43	2071.505	1427.005	114.3919	734.5573	115.2077	115.9988	0	90.41472	9.585279	9.585279	0	-9999	11
2069.435	2071.51	1427.01	111.722	714.313	111.8333	106.6047	0	74.11834	25.88166	25.88166	0	-9999	11
2069.44	2071.516	1427.016	115.0965	649.806	115.5538	115.183	0	81.08237	18.91763	18.91763	0	-9999	11
2069.445	2071.521	1427.021	114.7133	654.4049	116.6169	116.5798	0	100	0	0	0	-9999	11
2069.45	2071.526	1427.026	115.3684	705.9555	116.2831	117.272	0	92.44429	7.555714	7.555714	0	-9999	11
2069.455	2071.531	1427.031	117.89	590.173	118.9283	116.1472	0	93.88556	6.114437	6.114437	0	-9999	11
2069.46	2071.537	1427.037	113.3907	619.9666	114.0706	110.7455	0	78.41726	21.58274	21.58274	0	-9999	11
2069.465	2071.542	1427.042	112.476	664.3972	112.8963	111.4377	0	76.03223	23.96777	23.96777	0	-9999	11
2069.47	2071.547	1427.047	112.4389	609.5159	113.2918	116.7528	0	77.92194	22.07806	22.07806	0	-9999	11
2069.475	2071.552	1427.052	111.8333	702.4414	112.6243	114.8122	0	82.06595	17.93405	17.93405	0	-9999	11
2069.48	2071.558	1427.058	112.0681	690.2947	112.1176	111.5984	0	72.31604	27.68396	27.68396	0	-9999	11
2069.485	2071.563	1427.063	110.7826	634.9856	111.5119	113.0693	0	74.58012	25.41988	25.41988	0	-9999	11
2069.49	2071.568	1427.068	112.6985	448.4318	113.4896	116.6787	0	66.806	33.194	33.194	0	-9999	11
2069.495	2071.574	1427.074	114.4908	374.5284	115.6774	118.3226	0	71.83584	28.16416	28.16416	0	-9999	11
2069.5	2071.579	1427.079	122.1174	466.0177	123.9221	127.346	0	100	0	0	0	-9999	11
2069.505	2071.584	1427.084	119.8677	659.8441	121.2151	122.5006	0	100	0	0	0	-9999	11
2069.51	2071.589	1427.089	121.4252	571.2273	122.5129	122.8096	0	100	0	0	0	-9999	11
2069.515	2071.595	1427.095	123.2793	586.3227	124.7997	127.1235	0	100	0	0	0	-9999	11
2069.52	2071.6	1427.1	121.0049	601.464	122.6736	123.304	0	100	0	0	0	-9999	11
2069.525	2071.605	1427.105	117.3709	658.7899	118.9283	119.2868	0	100	0	0	0	-9999	11
2069.53	2071.611	1427.111	113.3042	725.6651	113.811	112.1917	0	82.99773	17.00227	17.00227	0	-9999	11
2069.535	2071.616	1427.116	116.3202	701.0051	117.0866	122.7601	0	92.30005	7.699953	7.699953	0	-9999	11
2069.54	2071.621	1427.121	115.6156	571.594	116.4685	114.2807	0	83.0708	16.9292	16.9292	0	-9999	11
2069.545	2071.626	1427.126	113.3413	631.3951	114.7257	116.4933	0	88.92648	11.07352	11.07352	0	-9999	11
2069.55	2071.632	1427.132	112.5625	611.9605	113.0693	113.675	0	73.79319	26.20681	26.20681	0	-9999	11
2069.555	2071.637	1427.137	107.2227	673.152	108.4588	109.0397	0	75.8837	24.1163	24.1163	0	-9999	11
2069.56	2071.642	1427.142	101.2525	620.4708	101.5368	105.9743	0	55.23489	44.76511	44.76511	0	-9999	11
2069.565	2071.647	1427.147	98.86685	725.6804	98.32298	104.3179	0	54.63879	45.36121	45.36121	0	-9999	11
2069.57	2071.653	1427.153	97.21051	808.9344	98.52075	106.9755	0	70.37583	29.62417	29.62417	0	-9999	11
2069.575	2071.658	1427.158	93.68771	786.0773	93.99672	94.14505	0	59.8132	40.1868	40.1868	0	-9999	11
2069.58	2071.663	1427.163	90.60988	648.0337	89.85588	84.71382	0	43.91235	56.08765	56.08765	0	-9999	11
2069.585	2071.669	1427.169	88.69397	705.1457	87.72983	84.59021	0	46.24193	53.75807	53.75807	0	-9999	11
2069.59	2071.674	1427.174	80.61005	571.4412	80.00438	76.56809	0	35.89815	64.10185	64.10185	0	-9999	11
2069.595	2071.679	1427.179	83.67551	632.0979	80.53589	75.38146	0	33.92078	66.07922	66.07922	0	-9999	11
2069.6	2071.684	1427.184	78.18735	573.0302	75.66576	70.43717	0	31.34069	68.65931	68.65931	0	-9999	11
2069.605	2071.69	1427.19	72.15531	465.3454	71.78449	68.79319	0	27.28861	72.71139	72.71139	0	-9999	11
2069.61	2071.695	1427.195	75.62868	511.304	74.60274	74.6151	0	29.85206	70.14794	70.14794	0	-9999	11
2069.615	2071.7	1427.2	70.79563	339.8915	69.9551	67.30991	0	17.84481	82.15519	82.15519	0	-9999	11
2069.62	2071.706	1427.206	71.19118	362.6416	69.94274	69.10221	0	18.81382	81.18618	81.18618	0	-9999	11
2069.625	2071.711	1427.211	78.97844	639.4012	75.41855	75.40618	0	33.72342	66.27658	66.27658	0	-9999	11
2069.63	2071.716	1427.216	80.3134	502.6867	78.10082	77.08724	0	27.36551	72.63449	72.63449	0	-9999	11
2069.635	2071.721	1427.221	78.86719	440.273	76.90183	80.39992	0	23.57989	76.42011	76.42011	0	-9999	11
2069.64	2071.727	1427.227	83.98453	567.9271	79.91785	76.4074	0	27.20945	72.79055	72.79055	0	-9999	11
2069.645	2071.732	1427.232	76.14783	304.5975	74.88703	71.78449	6.002557	15.52871	78.46873	72.33719	6.131542	-9999	11
2069.65	2071.737	1427.237	71.82157	300.182	71.17881	70.43717	6.261495	15.63447	78.10403	75.2081	2.895935	-9999	11
2069.655	2071.742	1427.242	68.1628	262.4587	67.71781	67.08741	17.22387	12.79126	69.98487	45.56396	24.42091	24.4862	11
2069.66	2071.748	1427.248	69.29998	270.6023	68.41001	69.32471	17.65556	12.88918	69.45526	55.92593	13.52933	24.02813	11
2069.665	2071.753	1427.253	68.12571	207.0273	67.55712	65.8019	31.63034	8.877147	59.49252	38.91496	20.57756	24.89988	11
2069.67	2071.758	1427.258	65.41871	281.7405	64.70179	63.55224	17.18974	13.37919	69.43108	53.7031	15.72797	23.91808	11
2069.675	2071.764	1427.264	64.46694	244.0936	64.40513	63.96015	22.09875	11.46886	66.4324	41.81963	24.61277	24.1071	11
2069.68	2071.769	1427.269	62.64991	241.4351	62.03187	61.51272	28.72457	10.45391	60.82152	33.46983	27.35169	23.54639	11
2069.685	2071.774	1427.274	60.30137	245.8659	60.31373	58.53379	24.92739	11.09516	63.97745	43.75329	20.22416	23.76901	11
2069.69	2071.779	1427.279	57.59437	184.8884	57.92811	58.80572	39.68371	6.927798	53.38849	27.72961	25.65889	24.21007	11
2069.695	2071.785	1427.285	57.65617	173.1696	58.33602	57.95283	39.78053	6.435434	53.78404	32.08715	21.69689	24.76513	11

2069.7	2071.79	1427.29	56.44482	158.4714	56.53135	56.3583	49.05012	4.81511	46.13477	32.11836	14.01641	25.47313	11
2069.705	2071.795	1427.295	55.41888	161.9397	56.20997	57.37188	43.69431	5.471363	50.83433	27.19328	23.64105	24.74839	11
2069.71	2071.801	1427.301	58.57087	160.5798	58.48434	57.87867	47.92505	5.046477	47.02848	31.39732	15.63116	25.55866	11
2069.715	2071.806	1427.306	60.80816	187.4705	60.91941	61.66105	37.82647	7.312826	54.8607	25.11156	29.74914	24.36296	11
2069.72	2071.811	1427.311	60.05416	176.9587	59.25071	59.63389	48.15289	5.673784	46.17332	18.87781	27.29551	25.0577	11
2069.725	2071.816	1427.316	58.65739	109.5793	57.81686	56.91453	66.03111	0.978362	32.99053	22.48572	10.50481	29.40657	11
2069.73	2071.822	1427.322	58.99113	81.22193	59.01586	59.48556	65.88086	0	34.11914	12.00644	22.1127	29.68228	9
2069.735	2071.827	1427.327	61.63633	78.18145	61.38912	60.32609	66.29058	0	33.70942	17.64247	16.06696	30.10891	9
2069.74	2071.832	1427.332	65.52996	130.8321	64.65235	65.01081	54.85256	3.01835	42.12909	27.59493	14.53416	27.32931	9
2069.745	2071.837	1427.337	70.74619	150.7556	69.84386	67.50768	45.42373	4.977623	49.59864	23.71764	25.88101	26.80106	9
2069.75	2071.843	1427.343	70.05399	162.2147	69.85622	65.97495	37.82711	6.700557	55.47233	29.39126	26.08107	26.44917	9
2069.755	2071.848	1427.348	70.74619	198.0281	69.48539	64.25681	36.76186	7.63271	55.60543	34.06303	21.5424	25.88867	9
2069.76	2071.853	1427.353	70.27648	204.598	68.48418	65.71537	39.7233	7.264614	53.01209	27.79439	25.2177	25.29375	9
2069.765	2071.859	1427.359	68.33585	170.618	67.30991	64.49166	43.79251	5.835498	50.372	24.92516	25.44683	26.14088	9
2069.77	2071.864	1427.364	65.81426	139.6327	64.31861	63.42864	57.25106	2.925551	39.82339	20.9481	18.8753	27.67776	9
2069.775	2071.869	1427.369	64.81304	139.9841	62.90949	57.3966	61.24839	2.436602	36.31501	15.69547	20.61954	29.05998	9
2069.78	2071.874	1427.374	66.34577	177.4171	63.42864	61.0801	58.63474	3.904219	37.46104	17.29567	20.16537	27.22736	9
2069.785	2071.88	1427.38	67.27282	170.8319	64.87484	61.95771	55.35204	4.059199	40.58876	18.05147	22.53729	27.12322	9
2069.79	2071.885	1427.385	66.70423	169.9763	65.35691	62.16784	47.93957	5.220106	46.84032	19.46601	27.37431	26.37728	9
2069.795	2071.89	1427.39	65.48052	127.043	64.52874	61.85882	56.3898	2.671274	40.93893	12.07697	28.86196	28.18127	9
2069.8	2071.896	1427.396	69.31234	194.5751	68.10099	62.56339	38.53344	7.311138	54.15542	22.28325	31.87217	25.9442	9
2069.805	2071.901	1427.401	72.26656	254.6207	70.02927	63.70057	29.23558	10.10833	60.65609	33.20381	27.45228	25.01006	9
2069.81	2071.906	1427.406	69.01569	251.9316	66.72895	61.16662	33.26032	9.724692	57.01499	28.4188	28.59618	24.52895	9
2069.815	2071.911	1427.411	69.5472	238.0738	68.76847	63.14434	24.43785	10.8847	64.67745	32.82129	31.85616	25.34727	9
2069.82	2071.917	1427.417	66.74131	219.235	65.48052	61.38912	35.31427	8.653003	56.03273	29.93838	26.09434	24.85941	9
2069.825	2071.922	1427.422	64.7636	244.4297	63.13198	56.11108	33.91053	9.775467	56.31401	36.20908	20.10492	24.62641	9
2069.83	2071.927	1427.427	65.09734	256.5	63.97251	65.61649	26.75487	11.17441	62.07072	45.68765	16.38307	23.05795	9
2069.835	2071.932	1427.432	63.98487	224.8729	62.86004	63.62641	35.43208	8.938914	55.629	20.44748	35.18152	23.61086	9
2069.84	2071.938	1427.438	63.52752	225.5604	62.1802	61.15426	37.41078	8.715509	53.87371	21.71513	32.15859	23.88234	9
2069.845	2071.943	1427.443	64.71415	218.96	62.71171	61.05538	42.99355	7.657946	49.3485	17.39725	31.95125	24.38852	9
2069.85	2071.948	1427.448	62.0566	322.0764	59.6957	57.59437	23.26241	14.18062	62.55697	33.25001	29.30696	22.08319	9
2069.855	2071.954	1427.454	64.50402	286.0185	62.60047	60.14068	26.19235	12.27879	61.52887	42.68078	18.84809	23.04965	9
2069.86	2071.959	1427.459	67.48296	364.3222	65.8019	65.29511	2.777914	17.99312	79.22896	78.12283	1.106131	-9999	9
2069.865	2071.964	1427.464	68.99097	259.9071	67.69309	63.63877	23.68933	11.5689	64.74177	37.54553	27.19624	24.55037	9
2069.87	2071.969	1427.469	71.35187	255.8124	70.61022	69.49776	18.19742	12.40591	69.39667	40.76521	28.63146	24.82827	9
2069.875	2071.975	1427.475	71.53728	311.2438	71.42603	72.32836	0	17.18973	82.81027	82.81027	0	-9999	9
2069.88	2071.98	1427.48	72.92168	273.3066	73.28014	73.83637	3.993785	15.76001	80.24621	77.74635	2.499855	-9999	9
2069.885	2071.985	1427.485	76.77823	273.7802	75.81409	71.36423	10.58128	14.14219	75.27653	58.51728	16.75925	26.47791	9
2069.89	2071.991	1427.491	85.07228	761.3868	81.98209	74.28136	0	42.73049	57.26951	57.26951	0	-9999	9
2069.895	2071.996	1427.496	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2070.325	2072.44	1427.94	122.7601	449.3638	123.0815	124.2434	0	85.72084	14.27916	14.27916	0	-9999	10
2070.33	2072.444	1427.944	130.3249	344.2154	130.8317	132.315	0	100	0	0	0	-9999	10
2070.335	2072.447	1427.947	128.0011	371.4268	128.6809	129.4102	0	100	0	0	0	-9999	10
2070.34	2072.451	1427.951	127.074	441.1133	128.2483	130.2013	0	100	0	0	0	-9999	10
2070.345	2072.455	1427.955	129.4473	504.0618	130.5598	132.1543	0	100	0	0	0	-9999	10
2070.35	2072.458	1427.958	130.5103	438.3173	132.7971	133.959	0	100	0	0	0	-9999	10
2070.355	2072.462	1427.962	132.9825	464.7496	134.441	134.2556	0	100	0	0	0	-9999	10
2070.36	2072.465	1427.965	136.7896	445.6817	136.8761	135.3186	0	100	0	0	0	-9999	10
2070.365	2072.469	1427.969	134.3545	451.6251	134.7871	136.8885	0	100	0	0	0	-9999	10
2070.37	2072.473	1427.973	134.9725	440.548	135.7636	135.8502	0	100	0	0	0	-9999	10
2070.375	2072.476	1427.976	137.6919	474.9558	138.7549	137.1604	0	100	0	0	0	-9999	10
2070.38	2072.48	1427.98	136.2951	602.4724	138.792	139.7314	0	100	0	0	0	-9999	10
2070.385	2072.483	1427.983	143.452	512.1901	146.0107	155.479	0	100	0	0	0	-9999	10
2070.39	2072.487	1427.987	145.1702	503.5729	147.1355	153.3282	0	100	0	0	0	-9999	10
2070.395	2072.49	1427.99	147.494	462.6258	148.2974	150.3493	0	100	0	0	0	-9999	10
2070.4	2072.494	1427.994	149.1503	473.8251	150.7696	152.4259	0	100	0	0	0	-9999	10
2070.405	2072.498	1427.998	148.3345	456.7129	149.0761	149.7807	0	100	0	0	0	-9999	10
2070.41	2072.501	1428.001	143.7116	482.7021	145.1825	143.6127	0	100	0	0	0	-9999	10
2070.415	2072.505	1428.005	138.0009	543.8172	139.5584	143.5138	0	100	0	0	0	-9999	10
2070.42	2072.508	1428.008	142.5744	415.4144	142.7104	143.5509	0	100	0	0	0	-9999	10
2070.425	2072.512	1428.012	144.3791	450.3111	145.0713	147.5805	0	100	0	0	0	-9999	10
2070.43	2072.516	1428.016	146.8512	411.4267	147.1108	148.6806	0	100	0	0	0	-9999	10
2070.435	2072.519	1428.019	145.6399	494.4362	146.0478	141.19	0	100	0	0	0	-9999	10
2070.44	2072.523	1428.023	137.5189	682.2275	140.3989	144.0453	0	100	0	0	0	-9999	10
2070.445	2072.526	1428.026	147.6176	527.1022	148.8166	152.1169	0	100	0	0	0	-9999	10
2070.45	2072.53	1428.03	144.8241	475.0933	146.6782	148.7424	0	100	0	0	0	-9999	10
2070.455	2072.534	1428.034	145.7882	402.4122	145.7017	143.2542	0	100	0	0	0	-9999	10
2070.46	2072.537	1428.037	145.3803	477.4157	146.1714	145.6646	0	100	0	0	0	-9999	10
2070.465	2072.541	1428.041	144.478	506.4606	145.541	141.19	0	100	0	0	0	-9999	10
2070.47	2072.544	1428.044	143.0812	528.3092	144.4161	144.5274	0	100	0	0	0	-9999	10
2070.475	2072.548	1428.048	142.7474	567.2395	144.1813	144.2307	0	100	0	0	0	-9999	10
2070.48	2072.551	1428.051	142.2654	617.0942	145.3061	150.0032	0	100	0	0	0	-9999	10
2070.485	2072.555	1428.055	142.4879	506.9037	144.2678	146.0601	0	100	0	0	0	-9999	10

2070.49	2072.559	1428.059	143.2172	524.9173	144.4161	143.3655	0	100	0	0	0	-9999	10
2070.495	2072.562	1428.062	144.0824	579.2639	146.1096	147.3704	0	100	0	0	0	-9999	10
2070.5	2072.566	1428.066	144.5027	668.9808	146.1467	145.2072	0	100	0	0	0	-9999	10
2070.505	2072.569	1428.069	141.7462	584.6268	143.588	140.9675	0	100	0	0	0	-9999	10
2070.51	2072.573	1428.073	140.6708	666.5974	143.0812	144.7004	0	100	0	0	0	-9999	10
2070.515	2072.577	1428.077	143.7981	618.4081	146.3321	149.0638	0	100	0	0	0	-9999	10
2070.52	2072.58	1428.08	140.9675	504.0466	141.9811	142.2283	0	100	0	0	0	-9999	10
2070.525	2072.584	1428.084	136.9626	512.7096	138.1245	133.9342	0	100	0	0	0	-9999	10
2070.53	2072.587	1428.087	135.2198	501.9839	136.1592	141.7462	0	100	0	0	0	-9999	10
2070.535	2072.591	1428.091	138.8291	426.9193	139.9168	142.9823	0	100	0	0	0	-9999	10
2070.54	2072.594	1428.094	139.6696	452.771	141.771	142.6609	0	100	0	0	0	-9999	10
2070.545	2072.598	1428.098	138.7673	450.7389	140.9922	146.6658	0	100	0	0	0	-9999	10
2070.55	2072.602	1428.102	137.729	467.7136	139.7562	143.0688	0	100	0	0	0	-9999	10
2070.555	2072.605	1428.105	141.0788	501.9228	142.9452	143.5262	0	100	0	0	0	-9999	10
2070.56	2072.609	1428.109	140.881	475.5364	142.6362	145.8376	0	100	0	0	0	-9999	10
2070.565	2072.612	1428.112	137.5559	529.3635	139.3977	141.0911	0	100	0	0	0	-9999	10
2070.57	2072.616	1428.116	141.1406	532.9234	143.316	146.8265	0	100	0	0	0	-9999	10
2070.575	2072.62	1428.12	136.2333	696.2687	140.1393	147.4569	0	100	0	0	0	-9999	10
2070.58	2072.623	1428.123	135.7513	757.4296	139.9045	145.2072	0	100	0	0	0	-9999	10
2070.585	2072.627	1428.127	137.1233	681.5247	141.054	140.5967	0	100	0	0	0	-9999	10
2070.59	2072.63	1428.13	138.8662	634.2064	142.4013	147.0984	0	100	0	0	0	-9999	10
2070.595	2072.634	1428.134	138.0256	629.913	140.4236	141.5732	0	100	0	0	0	-9999	10
2070.6	2072.637	1428.137	135.467	671.0893	138.1369	141.4249	0	100	0	0	0	-9999	10
2070.605	2072.641	1428.141	135.5535	657.5982	137.8032	143.6127	0	100	0	0	0	-9999	10
2070.61	2072.645	1428.145	138.2852	634.2828	140.6585	144.7746	0	100	0	0	0	-9999	10
2070.615	2072.648	1428.148	141.6473	603.4655	143.4644	147.6917	0	100	0	0	0	-9999	10
2070.62	2072.652	1428.152	139.1258	641.2193	141.2889	137.0862	0	100	0	0	0	-9999	10
2070.625	2072.655	1428.155	139.4842	546.3229	141.7091	148.4828	0	100	0	0	0	-9999	10
2070.63	2072.659	1428.159	140.8439	501.5408	142.3643	147.7906	0	100	0	0	0	-9999	10
2070.635	2072.663	1428.163	140.1888	454.8184	141.8698	142.9329	0	100	0	0	0	-9999	10
2070.64	2072.666	1428.166	141.6103	504.3216	142.9823	145.1331	0	100	0	0	0	-9999	10
2070.645	2072.67	1428.17	143.8476	446.415	145.714	149.175	0	100	0	0	0	-9999	10
2070.65	2072.673	1428.173	140.7574	427.9277	142.4755	144.07	0	100	0	0	0	-9999	10
2070.655	2072.677	1428.177	138.4336	389.6544	139.3853	141.6473	0	100	0	0	0	-9999	10
2070.66	2072.681	1428.181	136.6412	453.5349	138.2605	140.0528	0	100	0	0	0	-9999	10
2070.665	2072.684	1428.184	140.436	429.9751	141.9193	143.6498	0	100	0	0	0	-9999	10
2070.67	2072.688	1428.188	141.1406	387.2556	141.6597	141.5979	0	100	0	0	0	-9999	10
2070.675	2072.691	1428.191	140.3618	460.6396	141.1529	141.5979	0	100	0	0	0	-9999	10
2070.68	2072.695	1428.195	133.4893	464.7801	134.7377	137.5189	0	100	0	0	0	-9999	10
2070.685	2072.698	1428.198	132.4139	389.2419	133.8106	134.5152	0	100	0	0	0	-9999	10
2070.69	2072.702	1428.202	134.2185	472.4501	135.3557	139.1999	0	100	0	0	0	-9999	10
2070.695	2072.706	1428.206	137.0862	478.2713	138.1369	138.928	0	100	0	0	0	-9999	10
2070.7	2072.709	1428.209	139.8921	346.4766	140.7574	141.5979	0	100	0	0	0	-9999	10
2070.705	2072.713	1428.213	140.4484	403.39	141.7586	143.3408	0	100	0	0	0	-9999	10
2070.71	2072.716	1428.216	141.635	360.0747	142.8463	144.1689	0	100	0	0	0	-9999	10
2070.715	2072.72	1428.22	139.4842	409.1501	141.0664	144.7993	0	100	0	0	0	-9999	10
2070.72	2072.724	1428.224	140.4731	366.1251	140.9551	142.525	0	100	0	0	0	-9999	10
2070.725	2072.727	1428.227	139.2494	383.2221	140.6461	142.4137	0	100	0	0	0	-9999	10
2070.73	2072.731	1428.231	140.8068	404.2609	142.3766	143.9217	0	100	0	0	0	-9999	10
2070.735	2072.734	1428.234	138.1863	410.2655	139.546	142.9329	0	100	0	0	0	-9999	10
2070.74	2072.738	1428.238	140.0899	371.488	141.1529	142.5373	0	100	0	0	0	-9999	10
2070.745	2072.741	1428.241	140.9181	372.8478	142.389	144.478	0	100	0	0	0	-9999	10
2070.75	2072.745	1428.245	141.4001	338.1955	142.4632	141.6103	0	100	0	0	0	-9999	10
2070.755	2072.749	1428.249	141.363	291.1675	142.2901	145.405	0	100	0	0	0	-9999	10
2070.76	2072.752	1428.252	139.5707	301.2056	140.609	141.7957	0	100	0	0	0	-9999	10
2070.765	2072.756	1428.256	139.2988	273.7955	139.8427	139.4595	0	100	0	0	0	-9999	10
2070.77	2072.759	1428.259	138.5695	299.143	139.1381	140.9428	0	100	0	0	0	-9999	10
2070.775	2072.763	1428.263	136.357	296.3623	137.0739	138.928	0	100	0	0	0	-9999	10
2070.78	2072.767	1428.267	137.1233	286.7825	137.284	136.8637	0	100	0	0	0	-9999	10
2070.785	2072.77	1428.27	138.3223	289.1507	139.2246	139.4348	0	100	0	0	0	-9999	10
2070.79	2072.774	1428.274	136.1592	372.4047	137.2593	139.4101	0	100	0	0	0	-9999	10
2070.795	2072.777	1428.277	137.0492	326.2934	137.6054	137.1851	0	100	0	0	0	-9999	10
2070.8	2072.781	1428.281	136.9008	354.666	138.3718	138.7426	0	100	0	0	0	-9999	10
2070.805	2072.784	1428.284	135.0344	305.0712	135.8996	136.9873	0	100	0	0	0	-9999	10
2070.81	2072.788	1428.288	139.991	275.1859	140.3247	142.9329	0	100	0	0	0	-9999	10
2070.815	2072.792	1428.292	135.2816	262.3212	135.64	135.6771	0	100	0	0	0	-9999	10
2070.82	2072.795	1428.295	133.069	262.3823	133.242	133.0443	0	100	0	0	0	-9999	10
2070.825	2072.799	1428.299	137.3334	287.3936	137.2964	138.9527	0	100	0	0	0	-9999	10
2070.83	2072.802	1428.302	135.022	259.8307	135.5411	135.6524	0	100	0	0	0	-9999	10
2070.835	2072.806	1428.306	137.2593	270.9231	138.0009	138.9033	0	100	0	0	0	-9999	10
2070.84	2072.81	1428.31	133.5758	305.3462	134.6141	134.5152	0	100	0	0	0	-9999	10
2070.845	2072.813	1428.313	133.9961	300.7473	135.1827	136.0232	0	100	0	0	0	-9999	10
2070.85	2072.817	1428.317	131.4868	442.0453	133.3162	136.2704	0	100	0	0	0	-9999	10

2070.855	2072.82	1428.32	132.8094	285.6977	133.8106	134.3174	0	100	0	0	0	-9999	10
2070.86	2072.824	1428.324	134.8489	296.4692	135.467	137.4694	0	100	0	0	0	-9999	10
2070.865	2072.828	1428.328	134.0208	311.5035	135.4052	136.0232	0	100	0	0	0	-9999	10
2070.87	2072.831	1428.331	132.76	309.9145	133.5511	136.1468	0	100	0	0	0	-9999	10
2070.875	2072.835	1428.335	135.7142	320.0291	136.5547	136.0232	0	100	0	0	0	-9999	10
2070.88	2072.838	1428.338	137.1851	313.2606	137.8279	139.5831	0	100	0	0	0	-9999	10
2070.885	2072.842	1428.342	136.2704	318.8068	136.4064	133.8354	0	100	0	0	0	-9999	10
2070.89	2072.845	1428.345	135.7266	330.4186	136.3817	135.8996	0	100	0	0	0	-9999	10
2070.895	2072.849	1428.349	135.5782	310.5257	136.1592	137.593	0	100	0	0	0	-9999	10
2070.9	2072.853	1428.353	136.0974	340.6248	136.7031	137.4447	0	100	0	0	0	-9999	10
2070.905	2072.856	1428.356	136.8761	332.0535	136.9379	140.6214	0	100	0	0	0	-9999	10
2070.91	2072.86	1428.36	137.8155	355.4758	138.6931	140.4607	0	100	0	0	0	-9999	10
2070.915	2072.863	1428.363	137.9515	405.1471	139.0269	141.7586	0	100	0	0	0	-9999	10
2070.92	2072.867	1428.367	137.8279	422.0148	139.8056	143.9464	0	100	0	0	0	-9999	10
2070.925	2072.871	1428.371	138.5077	381.3275	140.1023	141.7462	0	100	0	0	0	-9999	10
2070.93	2072.874	1428.374	136.7525	426.1859	139.1505	142.3025	0	100	0	0	0	-9999	10
2070.935	2072.878	1428.378	138.3099	420.7467	140.9057	146.3444	0	100	0	0	0	-9999	10
2070.94	2072.881	1428.381	136.5053	507.0259	139.7191	145.1578	0	100	0	0	0	-9999	10
2070.945	2072.885	1428.385	139.5089	453.2294	141.7462	144.5521	0	100	0	0	0	-9999	10
2070.95	2072.888	1428.388	135.1827	479.4477	137.3211	139.4842	0	100	0	0	0	-9999	10
2070.955	2072.892	1428.392	133.1555	560.3335	135.331	139.5213	0	100	0	0	0	-9999	10
2070.96	2072.896	1428.396	134.1691	554.3595	136.9626	140.4113	0	100	0	0	0	-9999	10
2070.965	2072.899	1428.399	136.4682	498.317	138.4336	139.3359	0	100	0	0	0	-9999	10
2070.97	2072.903	1428.403	134.1567	494.971	135.8131	136.8143	0	100	0	0	0	-9999	10
2070.975	2072.906	1428.406	133.2173	503.7715	135.6277	139.7562	0	100	0	0	0	-9999	10
2070.98	2072.91	1428.41	128.4708	634.405	132.5993	142.4384	0	100	0	0	0	-9999	10
2070.985	2072.914	1428.414	129.6698	698.8967	134.2803	140.4854	0	100	0	0	0	-9999	10
2070.99	2072.917	1428.417	131.4992	629.913	135.2939	139.7067	0	100	0	0	0	-9999	10
2070.995	2072.921	1428.421	129.9912	756.4518	134.8613	143.8476	0	100	0	0	0	-9999	10
2071	2072.924	1428.424	126.283	629.1338	129.2743	137.4571	0	100	0	0	0	-9999	10
2071.005	2072.928	1428.428	125.5784	604.9475	126.7279	134.7624	0	100	0	0	0	-9999	10
2071.01	2072.931	1428.431	128.9776	618.7901	131.5115	137.4076	0	100	0	0	0	-9999	10
2071.015	2072.935	1428.435	127.964	594.0079	129.4226	134.7253	0	100	0	0	0	-9999	10
2071.02	2072.939	1428.439	129.3113	552.2969	130.6463	132.8712	0	100	0	0	0	-9999	10
2071.025	2072.942	1428.442	131.6352	550.4329	133.8724	136.6289	0	100	0	0	0	-9999	10
2071.03	2072.946	1428.446	128.2236	671.456	131.9194	141.6968	0	100	0	0	0	-9999	10
2071.035	2072.949	1428.449	127.2842	700.6232	130.8193	133.8601	0	100	0	0	0	-9999	10
2071.04	2072.953	1428.453	126.8145	654.8785	130.4238	138.0875	0	100	0	0	0	-9999	10
2071.045	2072.957	1428.457	134.2927	438.4701	135.8996	139.7067	0	100	0	0	0	-9999	10
2071.05	2072.96	1428.46	133.0814	424.1233	135.0591	137.6919	0	100	0	0	0	-9999	10
2071.055	2072.964	1428.464	140.0775	288.7993	141.363	146.159	0	100	0	0	0	-9999	10
2071.06	2072.967	1428.467	141.8946	297.2637	143.3531	144.1442	0	100	0	0	0	-9999	10
2071.065	2072.971	1428.471	146.0478	277.9972	147.7783	150.1515	0	100	0	0	0	-9999	10
2071.07	2072.975	1428.475	144.8241	292.2981	146.3568	150.1268	0	100	0	0	0	-9999	10
2071.075	2072.978	1428.478	135.1827	450.2347	137.9391	141.808	0	100	0	0	0	-9999	10
2071.08	2072.982	1428.482	135.949	367.6835	137.8897	142.0058	0	100	0	0	0	-9999	10
2071.085	2072.985	1428.485	135.64	371.8088	136.9132	134.2803	0	100	0	0	0	-9999	10
2071.09	2072.989	1428.489	138.0875	324.9794	139.4101	141.9193	0	100	0	0	0	-9999	10
2071.095	2072.992	1428.492	136.3817	402.9469	139.1752	143.6745	0	100	0	0	0	-9999	10
2071.1	2072.996	1428.496	135.3805	375.7966	137.9886	143.3408	0	100	0	0	0	-9999	10
2071.105	2073	1428.5	134.3545	444.6121	136.666	136.3446	0	100	0	0	0	-9999	10
2071.11	2073.003	1428.503	134.1938	426.5068	136.221	140.436	0	100	0	0	0	-9999	10
2071.115	2073.007	1428.507	133.3904	388.8446	135.467	137.5683	0	100	0	0	0	-9999	10
2071.12	2073.01	1428.51	127.1482	542.1518	130.671	137.0492	0	100	0	0	0	-9999	10
2071.125	2073.014	1428.514	123.5512	653.2896	128.2854	134.8366	0	100	0	0	0	-9999	10
2071.13	2073.018	1428.518	128.545	415.9033	130.1766	131.3879	0	100	0	0	0	-9999	10
2071.135	2073.021	1428.521	124.6884	530.8455	127.1111	124.8491	0	100	0	0	0	-9999	10
2071.14	2073.025	1428.525	125.9492	493.4736	127.8033	134.132	0	100	0	0	0	-9999	10
2071.145	2073.028	1428.528	126.8268	419.6466	127.9269	130.6216	0	100	0	0	0	-9999	10
2071.15	2073.032	1428.532	130.7328	348.0198	131.8329	133.9095	0	100	0	0	0	-9999	10
2071.155	2073.035	1428.535	133.5387	302.7335	134.5399	133.7241	0	100	0	0	0	-9999	10
2071.16	2073.039	1428.539	133.4893	355.6897	135.3681	138.7302	0	100	0	0	0	-9999	10
2071.165	2073.043	1428.543	133.7859	324.903	134.8489	136.6165	0	100	0	0	0	-9999	10
2071.17	2073.046	1428.546	133.205	332.0382	134.2309	133.2544	0	100	0	0	0	-9999	10
2071.175	2073.05	1428.55	132.1543	324.0474	133.3533	137.9391	0	100	0	0	0	-9999	10
2071.18	2073.053	1428.553	131.734	326.2017	133.3039	136.0356	0	100	0	0	0	-9999	10
2071.185	2073.057	1428.557	132.8589	320.4263	134.2309	133.0937	0	100	0	0	0	-9999	10
2071.19	2073.061	1428.561	133.4275	340.7012	134.5646	135.4423	0	100	0	0	0	-9999	10
2071.195	2073.064	1428.564	133.5511	325.6975	134.3051	137.7166	0	100	0	0	0	-9999	10
2071.2	2073.068	1428.568	135.1085	266.4617	135.776	135.1209	0	100	0	0	0	-9999	10
2071.205	2073.071	1428.571	131.9318	316.8511	133.2297	131.5115	0	100	0	0	0	-9999	10
2071.21	2073.075	1428.575	132.4757	271.2745	133.5511	135.7018	0	100	0	0	0	-9999	10
2071.215	2073.078	1428.578	133.0196	244.552	134.0826	136.6042	0	100	0	0	0	-9999	10

2071.22	2073.082	1428.582	128.8416	349.7004	130.498	134.1567	0	100	0	0	0	-9999	10
2071.225	2073.086	1428.586	128.3472	320.0749	130.4362	130.6587	0	100	0	0	0	-9999	10
2071.23	2073.089	1428.589	127.8775	377.4314	129.7192	130.3991	0	100	0	0	0	-9999	10
2071.235	2073.093	1428.593	126.32	379.2954	127.9269	128.4832	0	100	0	0	0	-9999	10
2071.24	2073.096	1428.596	124.9233	377.9509	126.3324	126.4807	0	100	0	0	0	-9999	10
2071.245	2073.1	1428.6	124.7502	396.4993	126.5673	125.9616	0	100	0	0	0	-9999	10
2071.25	2073.104	1428.604	124.0951	439.1882	125.6526	122.9085	0	100	0	0	0	-9999	10
2071.255	2073.107	1428.607	124.194	436.3616	125.7144	127.7168	0	100	0	0	0	-9999	10
2071.26	2073.111	1428.611	124.0457	391.1212	125.257	126.9134	0	100	0	0	0	-9999	10
2071.265	2073.114	1428.614	116.5056	585.9407	119.1014	118.3968	0	100	0	0	0	-9999	10
2071.27	2073.118	1428.618	115.6033	607.6977	118.4586	122.0803	0	100	0	0	0	-9999	10
2071.275	2073.122	1428.622	122.5129	432.9697	124.503	125.7267	0	100	0	0	0	-9999	10
2071.28	2073.125	1428.625	117.0124	514.9861	119.4969	122.6242	0	100	0	0	0	-9999	10
2071.285	2073.129	1428.629	114.7504	745.8636	119.2868	127.4325	0	100	0	0	0	-9999	10
2071.29	2073.132	1428.632	120.2633	528.7523	122.5253	123.3411	0	100	0	0	0	-9999	10
2071.295	2073.136	1428.636	124.2805	471.9764	126.6785	132.451	0	100	0	0	0	-9999	10
2071.3	2073.139	1428.639	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2071.315	2073.15	1428.65	164.8114	378.2106	167.2464	161.8201	0	100	0	0	0	-9999	10
2071.32	2073.154	1428.654	165.9609	340.7165	168.1117	173.1301	0	100	0	0	0	-9999	10
2071.325	2073.157	1428.657	162.0055	343.3445	163.6124	164.4035	0	100	0	0	0	-9999	10
2071.33	2073.161	1428.661	164.1068	318.4554	165.3799	164.7496	0	100	0	0	0	-9999	10
2071.335	2073.165	1428.665	165.4912	311.9772	167.4813	170.3613	0	100	0	0	0	-9999	10
2071.34	2073.168	1428.668	168.1364	260.5641	169.014	168.9151	0	100	0	0	0	-9999	10
2071.345	2073.172	1428.672	165.9485	266.2478	167.1723	167.0857	0	100	0	0	0	-9999	10
2071.35	2073.175	1428.675	162.9325	328.0351	165.2811	170.1512	0	100	0	0	0	-9999	10
2071.355	2073.179	1428.679	166.4801	258.639	167.7285	170.9794	0	100	0	0	0	-9999	10
2071.36	2073.182	1428.682	166.0227	268.7535	167.6296	171.4367	0	100	0	0	0	-9999	10
2071.365	2073.186	1428.686	164.045	279.3264	165.5283	166.4924	0	100	0	0	0	-9999	10
2071.37	2073.19	1428.69	165.0091	315.9038	166.3564	166.6778	0	100	0	0	0	-9999	10
2071.375	2073.193	1428.693	163.6989	313.8564	165.1698	167.4318	0	100	0	0	0	-9999	10
2071.38	2073.197	1428.697	164.1933	286.1255	165.3429	166.925	0	100	0	0	0	-9999	10
2071.385	2073.2	1428.7	162.7842	269.3494	164.0944	167.2464	0	100	0	0	0	-9999	10
2071.39	2073.204	1428.704	162.5617	282.6266	163.7483	164.2428	0	100	0	0	0	-9999	10
2071.395	2073.208	1428.708	161.6346	291.2744	162.4381	159.7064	0	100	0	0	0	-9999	10
2071.4	2073.211	1428.711	158.3838	337.783	160.1514	163.3404	0	100	0	0	0	-9999	10
2071.405	2073.215	1428.715	159.0389	252.6955	160.1761	162.4999	0	100	0	0	0	-9999	10
2071.41	2073.218	1428.718	159.1007	264.5519	160.4851	162.537	0	100	0	0	0	-9999	10
2071.415	2073.222	1428.722	161.1031	235.8583	162.3887	163.6247	0	100	0	0	0	-9999	10
2071.42	2073.226	1428.726	162.1785	266.8284	163.9708	166.6284	0	100	0	0	0	-9999	10
2071.425	2073.229	1428.729	160.4727	261.0377	162.2032	165.9609	0	100	0	0	0	-9999	10
2071.43	2073.233	1428.733	157.1477	322.5806	159.2614	161.5976	0	100	0	0	0	-9999	10
2071.435	2073.236	1428.736	159.385	296.6067	161.8695	165.1204	0	100	0	0	0	-9999	10
2071.44	2073.24	1428.74	159.4839	301.8932	161.1649	163.6989	0	100	0	0	0	-9999	10
2071.445	2073.243	1428.743	159.6198	291.8703	161.3751	160.72	0	100	0	0	0	-9999	10
2071.45	2073.247	1428.747	161.9066	194.9876	162.7966	164.7743	0	100	0	0	0	-9999	10
2071.455	2073.251	1428.751	161.1526	228.6468	162.7842	165.5159	0	100	0	0	0	-9999	10
2071.46	2073.254	1428.754	158.3467	280.0751	160.275	164.2057	0	100	0	0	0	-9999	10
2071.465	2073.258	1428.758	157.9635	291.198	159.7064	163.4022	0	100	0	0	0	-9999	10
2071.47	2073.261	1428.761	156.8881	295.2316	158.767	161.0166	0	100	0	0	0	-9999	10
2071.475	2073.265	1428.765	157.4073	246.034	159.1254	161.4492	0	100	0	0	0	-9999	10
2071.48	2073.269	1428.769	155.4296	258.6695	157.123	159.0513	0	100	0	0	0	-9999	10
2071.485	2073.272	1428.772	155.8622	241.649	157.5803	157.6421	0	100	0	0	0	-9999	10
2071.49	2073.276	1428.776	153.9216	250.6635	155.8622	161.0413	0	100	0	0	0	-9999	10
2071.495	2073.279	1428.779	154.3171	203.5896	155.7015	159.4839	0	100	0	0	0	-9999	10
2071.5	2073.283	1428.783	153.662	167.0886	154.3295	157.3702	0	100	0	0	0	-9999	10
2071.505	2073.286	1428.786	156.097	158.2116	157.1971	159.8423	0	100	0	0	0	-9999	10
2071.51	2073.29	1428.79	157.7163	188.9525	158.5692	160.3491	0	100	0	0	0	-9999	10
2071.515	2073.294	1428.794	157.2713	277.493	159.2119	162.4628	0	100	0	0	0	-9999	10
2071.52	2073.297	1428.797	158.6804	254.6971	160.4604	163.9214	0	100	0	0	0	-9999	10
2071.525	2073.301	1428.801	157.0117	329.8686	159.4097	164.4282	0	100	0	0	0	-9999	10
2071.53	2073.304	1428.804	156.678	300.8389	158.804	165.9609	0	100	0	0	0	-9999	10
2071.535	2073.308	1428.808	153.1181	350.2352	155.8375	162.7595	0	100	0	0	0	-9999	10
2071.54	2073.312	1428.812	151.4	475.4447	156.5173	162.6482	0	100	0	0	0	-9999	10
2071.545	2073.315	1428.815	157.2219	242.4129	159.076	160.6458	0	100	0	0	0	-9999	10
2071.55	2073.319	1428.819	159.7682	146.3859	160.6211	161.7335	0	100	0	0	0	-9999	10
2071.555	2073.322	1428.822	158.2478	165.958	158.8164	159.0018	0	100	0	0	0	-9999	10
2071.56	2073.326	1428.826	157.1106	197.035	157.8028	159.1872	0	100	0	0	0	-9999	10
2071.565	2073.329	1428.829	156.4926	188.0664	157.1601	156.8634	0	100	0	0	0	-9999	10
2071.57	2073.333	1428.833	156.8634	168.3109	157.1353	161.6099	0	100	0	0	0	-9999	10
2071.575	2073.337	1428.837	156.2083	206.0189	156.9376	157.8152	0	100	0	0	0	-9999	10
2071.58	2073.34	1428.84	156.3813	177.2337	157.0612	159.1996	0	100	0	0	0	-9999	10
2071.585	2073.344	1428.844	154.9599	164.1551	154.861	154.3542	0	100	0	0	0	-9999	10
2071.59	2073.347	1428.847	154.8486	174.453	155.306	155.3183	0	100	0	0	0	-9999	10

2071.595	2073.351	1428.851	154.0822	219.9379	155.1453	155.1453	0	100	0	0	0	-9999	10
2071.6	2073.355	1428.855	154.0204	177.142	154.4901	155.9858	0	100	0	0	0	-9999	10
2071.605	2073.358	1428.858	152.5495	173.3376	152.908	154.5643	0	100	0	0	0	-9999	10
2071.61	2073.362	1428.862	149.756	227.455	150.6089	152.5371	0	100	0	0	0	-9999	10
2071.615	2073.365	1428.865	150.7572	219.6628	151.2146	150.6336	0	100	0	0	0	-9999	10
2071.62	2073.369	1428.869	149.5211	269.5327	150.8561	152.0427	0	100	0	0	0	-9999	10
2071.625	2073.373	1428.873	149.1874	305.7434	150.9797	151.3876	0	100	0	0	0	-9999	10
2071.63	2073.376	1428.876	149.5211	257.7834	151.2887	152.4135	0	100	0	0	0	-9999	10
2071.635	2073.38	1428.88	149.4099	154.7128	150.2628	151.5854	0	100	0	0	0	-9999	10
2071.64	2073.383	1428.883	149.6571	119.2966	150.2751	152.7473	0	100	0	0	0	-9999	10
2071.645	2073.387	1428.887	150.6336	130.6946	151.3876	152.1416	0	100	0	0	0	-9999	10
2071.65	2073.39	1428.89	151.7584	158.0894	152.3888	152.3147	0	100	0	0	0	-9999	10
2071.655	2073.394	1428.894	151.0909	196.4086	151.6225	154.4283	0	100	0	0	0	-9999	10
2071.66	2073.398	1428.898	151.709	235.7819	152.6978	153.4395	0	100	0	0	0	-9999	10
2071.665	2073.401	1428.901	147.976	167.165	148.4705	149.1132	0	100	0	0	0	-9999	10
2071.67	2073.405	1428.905	149.4222	135.4768	150.0032	149.3357	0	100	0	0	0	-9999	10
2071.675	2073.408	1428.908	147.2468	144.4455	147.6299	147.7041	0	100	0	0	0	-9999	10
2071.68	2073.412	1428.912	147.9884	152.8794	148.557	148.248	0	100	0	0	0	-9999	10
2071.685	2073.416	1428.916	148.5817	140.2438	149.3234	150.7819	0	100	0	0	0	-9999	10
2071.69	2073.419	1428.919	149.6077	174.6974	150.4729	152.4135	0	100	0	0	0	-9999	10
2071.695	2073.423	1428.923	151.2887	187.5774	151.882	154.6385	0	100	0	0	0	-9999	10
2071.7	2073.426	1428.926	147.8772	213.261	149.447	152.599	0	100	0	0	0	-9999	10
2071.705	2073.43	1428.93	141.4125	263.7574	143.1801	144.033	0	100	0	0	0	-9999	10
2071.71	2073.433	1428.933	129.8676	427.8055	132.1049	134.1073	0	100	0	0	0	-9999	11
2071.715	2073.437	1428.937	118.7553	408.7376	119.707	123.2546	0	82.79964	17.20036	17.20036	0	-9999	11
2071.72	2073.441	1428.941	124.0704	367.8516	124.7626	127.4201	0	93.14316	6.856835	6.856835	0	-9999	11
2071.725	2073.444	1428.944	110.9927	404.6582	111.6849	109.4106	0	58.99902	41.00098	41.00098	0	-9999	11
2071.73	2073.448	1428.948	101.2278	260.8086	101.5491	104.2314	0	31.20401	68.79599	68.79599	0	-9999	11
2071.735	2073.451	1428.951	105.3192	319.3415	104.4663	101.1165	0	29.75774	70.24226	70.24226	0	-9999	11
2071.74	2073.455	1428.955	103.4774	433.4281	101.0053	95.28224	0	23.95148	76.04852	76.04852	0	-9999	11
2071.745	2073.459	1428.959	97.50717	249.5176	97.16107	98.81741	0	22.76352	77.23648	77.23648	0	-9999	11
2071.75	2073.462	1428.962	91.01779	206.9815	90.46156	89.32437	10.48492	15.14178	74.3733	56.97803	17.39527	27.77185	11
2071.755	2073.466	1428.966	91.06723	241.4504	90.49864	89.9424	2.193759	17.43875	80.36749	80.36749	0	-9999	11
2071.76	2073.469	1428.969	93.30452	306.6601	93.46521	92.05609	0	26.44106	73.55894	73.55894	0	-9999	11
2071.765	2073.473	1428.973	94.03381	326.8434	93.76187	91.1414	0	26.13281	73.86719	73.86719	0	-9999	11
2071.77	2073.476	1428.976	93.218	378.2106	92.51344	90.74585	0	27.06867	72.93133	72.93133	0	-9999	11
2071.775	2073.48	1428.98	101.4379	480.9909	101.784	98.33534	0	46.47846	53.52154	53.52154	0	-9999	11
2071.78	2073.484	1428.984	110.2264	371.0449	110.5848	113.6379	0	51.34628	48.65372	48.65372	0	-9999	11
2071.785	2073.487	1428.987	119.1014	240.0906	119.843	119.0643	0	68.6383	31.3617	31.3617	0	-9999	11
2071.79	2073.491	1428.991	124.7997	275.7818	127.1606	131.9813	0	100	0	0	0	-9999	11
2071.795	2073.494	1428.994	136.357	284.8573	137.6425	142.4508	0	100	0	0	0	-9999	11
2071.8	2073.498	1428.998	141.9934	289.2118	143.5385	147.2468	0	100	0	0	0	-9999	11
2071.805	2073.502	1429.002	144.9106	273.9025	146.2085	149.9661	0	100	0	0	0	-9999	11
2071.81	2073.505	1429.005	145.9365	272.5732	147.7041	147.8772	0	100	0	0	0	-9999	11
2071.815	2073.509	1429.009	143.7734	303.0085	145.8747	149.4593	0	100	0	0	0	-9999	11
2071.82	2073.512	1429.012	147.2468	252.2525	148.9896	150.9055	0	100	0	0	0	-9999	11
2071.825	2073.516	1429.016	144.9971	277.7527	146.5422	147.6547	0	100	0	0	0	-9999	11
2071.83	2073.52	1429.02	143.143	244.1547	144.0206	148.0502	0	100	0	0	0	-9999	11
2071.835	2073.523	1429.023	137.42	356.0717	138.038	138.6931	0	100	0	0	0	-9999	11
2071.84	2073.527	1429.027	139.5707	285.224	140.4113	139.1381	0	100	0	0	0	-9999	11
2071.845	2073.53	1429.03	141.771	190.9082	142.6115	143.2542	0	100	0	0	0	-9999	11
2071.85	2073.534	1429.034	132.76	304.3378	133.1184	132.3644	0	100	0	0	0	-9999	11
2071.855	2073.537	1429.037	129.8305	371.0602	128.5079	126.5054	0	58.76598	41.23402	41.23402	0	-9999	11
2071.86	2073.541	1429.041	121.2151	306.6449	120.5352	115.8134	0	51.84712	48.15288	48.15288	0	-9999	11
2071.865	2073.545	1429.045	117.1113	250.9079	116.7776	115.1954	0	46.2308	53.7692	53.7692	0	-9999	9
2071.87	2073.548	1429.048	117.7788	126.7679	117.9889	120.152	0	48.10195	51.89805	51.89805	0	-9999	9
2071.875	2073.552	1429.052	118.3844	83.20817	119.1137	122.4017	5.297987	55.70181	39.0002	37.23634	1.76386	-9999	9
2071.88	2073.555	1429.055	122.2534	82.73453	123.8479	128.0011	0	87.07374	12.92626	12.92626	0	-9999	9
2071.885	2073.559	1429.059	118.9036	144.0635	118.8912	124.6266	0	48.10046	51.89954	51.89954	0	-9999	9
2071.89	2073.563	1429.063	104.182	184.7967	103.2549	102.6245	6.616464	19.18481	74.19873	74.19873	0	-9999	9
2071.895	2073.566	1429.066	104.219	118.823	104.9607	107.2351	9.615574	28.73516	61.64927	40.11196	21.53731	27.11577	9
2071.9	2073.57	1429.07	106.6294	116.8367	106.3945	108.2486	15.44659	22.89336	61.66006	42.60516	19.0549	27.11803	9
2071.905	2073.573	1429.073	100.6468	121.4051	100.3378	100.3254	20.41981	16.73882	62.84138	48.11394	14.72744	27.60584	9
2071.91	2073.577	1429.077	92.15498	66.9974	91.58638	90.10309	43.41065	6.174085	50.41526	35.79708	14.61818	29.19598	9
2071.915	2073.58	1429.08	98.17465	51.48945	98.26118	92.99551	36.5483	12.54176	50.90993	17.56975	33.34018	29.33137	9
2071.92	2073.584	1429.084	97.68022	45.10292	97.14871	96.60484	43.3385	7.98618	48.67532	34.12024	14.55508	29.33237	9
2071.925	2073.588	1429.088	95.80139	52.42145	95.2328	94.24394	43.58333	7.120552	49.29612	31.32415	17.97196	29.36664	9
2071.93	2073.591	1429.091	95.44293	104.4915	95.87556	90.01657	23.55271	15.84242	60.60487	35.39814	25.20673	28.65314	9
2071.935	2073.595	1429.095	99.9546	98.04385	99.99168	100.6221	24.02777	16.93558	59.03665	44.17138	14.86527	27.46192	9
2071.94	2073.598	1429.098	105.4057	148.1888	105.6282	105.6282	5.44077	27.72534	66.83389	66.83389	0	-9999	9
2071.945	2073.602	1429.102	108.4464	187.5469	109.1386	106.3575	0	39.59994	60.40006	60.40006	0	-9999	10
2071.95	2073.606	1429.106	109.324	233.7651	110.5477	111.3759	0	50.34156	49.65844	49.65844	0	-9999	10
2071.955	2073.609	1429.109	111.4995	208.1121	112.167	113.0199	0	46.44097	53.55903	53.55903	0	-9999	10

2071.96	2073.613	1429.113	105.999	215.1251	105.999	104.182	0	30.9608	69.0392	69.0392	0	-9999	10
2071.965	2073.616	1429.116	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2072.3	2073.857	1429.357	147.6423	268.1271	146.5422	145.7511	0	100	0	0	0	-9999	10
2072.305	2073.863	1429.363	153.1923	392.2518	152.8091	149.6447	0	100	0	0	0	-9999	10
2072.31	2073.868	1429.368	155.9858	353.9938	157.3084	158.7299	0	100	0	0	0	-9999	10
2072.315	2073.873	1429.373	156.3443	371.8852	157.5432	156.2577	0	100	0	0	0	-9999	10
2072.32	2073.878	1429.378	152.4383	343.9709	152.7349	150.8066	0	100	0	0	0	-9999	10
2072.325	2073.883	1429.383	154.1811	458.745	154.2924	152.2652	0	100	0	0	0	-9999	10
2072.33	2073.888	1429.388	161.5358	538.2863	162.7718	165.0709	0	100	0	0	0	-9999	10
2072.335	2073.893	1429.393	160.3739	517.9197	161.0784	162.4875	0	100	0	0	0	-9999	10
2072.34	2073.898	1429.398	156.1588	352.7104	157.9635	166.7767	0	100	0	0	0	-9999	10
2072.345	2073.903	1429.403	155.0835	325.8197	155.7139	156.9499	0	100	0	0	0	-9999	10
2072.35	2073.908	1429.408	148.2851	285.9574	148.693	151.1527	0	100	0	0	0	-9999	10
2072.355	2073.913	1429.413	146.3568	372.2213	147.0366	150.1021	0	100	0	0	0	-9999	10
2072.36	2073.918	1429.418	148.9155	350.9227	149.9167	151.9809	0	100	0	0	0	-9999	10
2072.365	2073.923	1429.423	146.7647	321.9542	147.4198	144.7499	0	100	0	0	0	-9999	10
2072.37	2073.928	1429.428	147.803	339.6165	148.421	149.4346	0	100	0	0	0	-9999	10
2072.375	2073.934	1429.434	148.6435	319.9374	148.8413	148.0255	0	100	0	0	0	-9999	10
2072.38	2073.939	1429.439	149.2368	292.2064	149.756	154.3047	0	100	0	0	0	-9999	10
2072.385	2073.944	1429.444	146.74	310.1743	147.6052	151.5607	0	100	0	0	0	-9999	10
2072.39	2073.949	1429.449	147.222	329.5325	147.2591	148.73	0	100	0	0	0	-9999	10
2072.395	2073.954	1429.454	146.4186	319.6013	146.9501	146.468	0	100	0	0	0	-9999	10
2072.4	2073.959	1429.459	144.7499	304.6128	146.023	150.9055	0	100	0	0	0	-9999	10
2072.405	2073.964	1429.464	148.8413	302.8557	149.5459	149.756	0	100	0	0	0	-9999	10
2072.41	2073.969	1429.469	146.295	332.084	146.8883	147.9266	0	100	0	0	0	-9999	10
2072.415	2073.974	1429.474	146.4804	314.9107	146.9377	152.7226	0	100	0	0	0	-9999	10
2072.42	2073.979	1429.479	145.1207	354.7883	147.2591	148.866	0	100	0	0	0	-9999	10
2072.425	2073.984	1429.484	145.8747	303.6197	146.9254	145.2567	0	100	0	0	0	-9999	10
2072.43	2073.989	1429.489	142.9947	301.8015	143.6745	144.4409	0	100	0	0	0	-9999	10
2072.435	2073.994	1429.494	141.1529	340.6707	141.8204	146.0107	0	100	0	0	0	-9999	10
2072.44	2073.999	1429.499	141.0169	332.2674	141.1406	142.2777	0	100	0	0	0	-9999	10
2072.445	2074.005	1429.505	141.2889	346.8586	141.8822	142.0182	0	100	0	0	0	-9999	10
2072.45	2074.01	1429.51	137.8402	361.679	137.9268	143.5509	0	100	0	0	0	-9999	10
2072.455	2074.015	1429.515	141.5608	362.7791	141.8328	142.1541	0	100	0	0	0	-9999	10
2072.46	2074.02	1429.52	138.2481	370.5865	139.237	142.6733	0	100	0	0	0	-9999	10
2072.465	2074.025	1429.525	137.3087	306.5379	137.5683	137.3582	0	100	0	0	0	-9999	10
2072.47	2074.03	1429.53	136.975	271.901	136.8267	137.4818	0	100	0	0	0	-9999	10
2072.475	2074.035	1429.535	134.9478	263.6199	135.331	139.0763	0	100	0	0	0	-9999	10
2072.48	2074.04	1429.54	134.5276	233.5665	134.9355	135.4299	0	100	0	0	0	-9999	10
2072.485	2074.045	1429.545	134.132	254.8804	134.0208	134.4534	0	100	0	0	0	-9999	10
2072.49	2074.05	1429.55	130.8441	257.4014	130.7699	131.4497	0	91.66238	8.337623	8.337623	0	-9999	10
2072.495	2074.055	1429.555	132.1049	234.4832	131.9442	134.5152	0	92.5522	7.447803	7.447803	0	-9999	10
2072.5	2074.06	1429.56	131.3138	250.1745	130.8935	131.8082	0	81.98463	18.01537	18.01537	0	-9999	10
2072.505	2074.065	1429.565	131.9936	272.9857	130.9553	127.9269	0	65.95106	34.04894	34.04894	0	-9999	10
2072.51	2074.07	1429.57	130.7946	169.1512	130.1642	129.8923	0	68.14019	31.85981	31.85981	0	-9999	10
2072.515	2074.076	1429.576	131.0418	210.572	129.7563	129.1136	0	51.65534	48.34466	48.34466	0	-9999	10
2072.52	2074.081	1429.581	130.7452	279.8459	130.2631	128.1247	0	80.02375	19.97625	19.97625	0	-9999	10
2072.525	2074.086	1429.586	127.8157	217.096	127.4201	127.4819	0	68.68535	31.31465	31.31465	0	-9999	10
2072.53	2074.091	1429.591	127.5561	240.61	127.0617	126.8392	0	66.85971	33.14029	33.14029	0	-9999	10
2072.535	2074.096	1429.596	128.1865	271.7329	128.8663	128.1	0	100	0	0	0	-9999	10
2072.54	2074.101	1429.601	131.1284	265.6978	130.9677	129.299	0	90.62187	9.378128	9.378128	0	-9999	10
2072.545	2074.106	1429.606	128.8787	199.1435	127.8404	124.3918	0	52.95881	47.04119	47.04119	0	-9999	10
2072.55	2074.111	1429.611	127.6056	169.8388	126.9504	125.5537	0	57.99873	42.00127	42.00127	0	-9999	10
2072.555	2074.116	1429.616	127.6426	183.4369	127.2842	127.0122	0	66.8664	33.1336	33.1336	0	-9999	10
2072.56	2074.121	1429.621	128.2854	224.3076	128.1494	126.592	0	77.82399	22.17601	22.17601	0	-9999	10
2072.565	2074.126	1429.626	129.5833	204.7508	129.6822	129.6327	0	88.25868	11.74132	11.74132	0	-9999	10
2072.57	2074.131	1429.631	127.9887	201.8784	127.964	127.5561	0	78.32843	21.67157	21.67157	0	-9999	10
2072.575	2074.136	1429.636	131.3756	205.5453	131.8824	132.1296	0	100	0	0	0	-9999	10
2072.58	2074.142	1429.642	131.6846	223.9715	132.0183	131.2767	0	100	0	0	0	-9999	10
2072.585	2074.147	1429.647	128.236	306.3851	129.4473	130.3991	0	100	0	0	0	-9999	10
2072.59	2074.152	1429.652	129.8799	349.4865	130.5969	130.6216	0	100	0	0	0	-9999	10
2072.595	2074.157	1429.657	129.6204	341.2818	130.8811	133.9837	0	100	0	0	0	-9999	10
2072.6	2074.162	1429.662	128.0629	328.2185	129.4844	131.0789	0	100	0	0	0	-9999	10
2072.605	2074.167	1429.667	127.0864	310.6632	127.7292	126.3077	0	100	0	0	0	-9999	10
2072.61	2074.172	1429.672	125.4301	341.5874	125.4053	124.1075	0	79.02818	20.97182	20.97182	0	-9999	10
2072.615	2074.177	1429.677	120.7453	339.1581	120.5723	119.8677	0	62.66856	37.33144	37.33144	0	-9999	10
2072.62	2074.182	1429.682	118.6687	345.8807	118.2361	114.9605	0	53.98108	46.01892	46.01892	0	-9999	10
2072.625	2074.187	1429.687	119.1014	324.4599	119.5958	118.8665	0	69.81921	30.18079	30.18079	0	-9999	10
2072.63	2074.192	1429.692	118.2361	296.4234	118.162	119.6823	0	55.81697	44.18303	44.18303	0	-9999	10
2072.635	2074.197	1429.697	118.7058	284.1851	119.3115	118.9901	0	67.99038	32.00962	32.00962	0	-9999	10
2072.64	2074.202	1429.702	121.2027	246.0798	121.2892	120.8319	0	62.58444	37.41556	37.41556	0	-9999	10
2072.645	2074.207	1429.707	123.1433	179.7547	123.749	126.2953	0	75.05329	24.94671	24.94671	0	-9999	10
2072.65	2074.213	1429.713	125.1828	149.1972	124.7749	125.2199	0	56.16022	43.83978	43.83978	0	-9999	10

2072.655	2074.218	1429.718	119.089	151.9321	118.471	117.6057	0	38.51455	61.48545	61.48545	0	-9999	10
2072.66	2074.223	1429.723	114.8122	144.0177	114.1818	108.0509	4.406083	30.82845	64.76547	60.56117	4.204299	-9999	10
2072.665	2074.228	1429.728	113.2424	199.3421	112.6738	104.6888	0	33.15776	66.84224	66.84224	0	-9999	10
2072.67	2074.233	1429.733	112.1546	277.0652	109.8926	101.2772	0	17.19611	82.80389	82.80389	0	-9999	10
2072.675	2074.238	1429.738	117.717	229.426	115.3561	109.151	0	14.60749	85.39251	85.39251	0	-9999	10
2072.68	2074.243	1429.743	113.5638	170.5722	112.6985	105.9496	0.948572	27.82295	71.22848	71.22848	0	-9999	10
2072.685	2074.248	1429.748	111.7467	172.6654	111.0916	110.1151	0.485158	28.33248	71.18236	71.18236	0	-9999	10
2072.69	2074.253	1429.753	112.0928	218.2419	111.7838	103.5268	0	36.05291	63.94709	63.94709	0	-9999	10
2072.695	2074.258	1429.758	115.0965	121.3593	115.3313	110.6961	2.922169	42.13174	54.94609	54.94609	0	-9999	10
2072.7	2074.263	1429.763	112.7974	159.3575	113.4154	110.7208	0	45.19871	54.80129	54.80129	0	-9999	10
2072.705	2074.268	1429.768	116.073	118.8994	116.3696	115.6774	2.140104	45.01723	52.84267	52.84267	0	-9999	10
2072.71	2074.273	1429.773	119.5711	171.168	120.9184	125.0716	0	76.98863	23.01137	23.01137	0	-9999	10
2072.715	2074.278	1429.778	118.8912	214.8348	120.1768	122.2163	0	76.3255	23.6745	23.6745	0	-9999	10
2072.72	2074.284	1429.784	133.0814	292.3592	133.1802	134.3545	0	100	0	0	0	-9999	10
2072.725	2074.289	1429.789	131.8947	384.0624	130.3991	131.561	0	58.76656	41.23344	41.23344	0	-9999	10
2072.73	2074.294	1429.794	128.9776	261.3586	128.8293	129.8923	0	82.45808	17.54192	17.54192	0	-9999	10
2072.735	2074.299	1429.799	132.9701	343.8945	132.933	130.1642	0	100	0	0	0	-9999	10
2072.74	2074.304	1429.804	133.2668	281.9238	133.1679	134.3298	0	100	0	0	0	-9999	10
2072.745	2074.309	1429.809	125.3806	305.117	125.4919	123.2793	0	79.71062	20.28938	20.28938	0	-9999	10
2072.75	2074.314	1429.814	131.3879	332.5577	131.7711	129.2495	0	100	0	0	0	-9999	10
2072.755	2074.319	1429.819	139.6202	379.0968	139.991	139.2494	0	100	0	0	0	-9999	10
2072.76	2074.324	1429.824	131.0913	298.868	132.1172	135.5906	0	100	0	0	0	-9999	10
2072.765	2074.329	1429.829	128.5326	287.3325	129.6204	132.179	0	100	0	0	0	-9999	10
2072.77	2074.334	1429.834	126.5302	294.0246	127.0988	126.5673	0	94.87286	5.127145	5.127145	0	-9999	10
2072.775	2074.339	1429.839	138.2852	397.0493	138.2481	137.865	0	100	0	0	0	-9999	10
2072.78	2074.344	1429.844	133.8354	320.0138	132.8589	129.6822	0	76.65484	23.34516	23.34516	0	-9999	10
2072.785	2074.349	1429.849	131.0048	315.5066	131.0171	132.5128	0	99.0217	0.978298	0.978298	0	-9999	10
2072.79	2074.355	1429.855	129.0765	252.008	129.1136	129.6327	0	87.57799	12.42201	12.42201	0	-9999	10
2072.795	2074.36	1429.86	122.6489	270.1897	123.0321	121.7836	0	74.60471	25.39529	25.39529	0	-9999	10
2072.8	2074.365	1429.865	124.5277	208.0663	124.2805	127.2718	0	62.06174	37.93826	37.93826	0	-9999	10
2072.805	2074.37	1429.87	123.613	223.8034	124.0457	122.9332	0	75.772	24.228	24.228	0	-9999	10
2072.81	2074.375	1429.875	122.1174	311.4882	122.5253	123.7984	0	76.22337	23.77663	23.77663	0	-9999	10
2072.815	2074.38	1429.88	117.0371	464.2454	117.8035	118.9654	0	78.25242	21.74758	21.74758	0	-9999	10
2072.82	2074.385	1429.885	118.4957	403.6956	119.7688	121.8702	0	87.47992	12.52008	12.52008	0	-9999	10
2072.825	2074.39	1429.89	115.492	493.4889	117.3585	122.6365	0	93.5122	6.4878	6.4878	0	-9999	10
2072.83	2074.395	1429.895	118.2238	464.1079	120.2138	123.6625	0	100	0	0	0	-9999	10
2072.835	2074.4	1429.9	118.4957	390.3572	119.0643	119.4475	0	73.90738	26.09262	26.09262	0	-9999	10
2072.84	2074.405	1429.905	117.0371	384.368	118.2979	118.1743	0	81.16621	18.83379	18.83379	0	-9999	10
2072.845	2074.41	1429.91	116.0606	355.5522	116.4562	117.9889	0	62.49348	37.50652	37.50652	0	-9999	10
2072.85	2074.415	1429.915	114.7875	305.1323	114.8122	113.3165	0	50.87549	49.12451	49.12451	0	-9999	10
2072.855	2074.42	1429.92	107.952	213.9639	107.3463	105.3686	0	27.34097	72.65903	72.65903	0	-9999	10
2072.86	2074.426	1429.926	101.3761	260.2891	102.1424	102.3649	0	34.66655	65.33345	65.33345	0	-9999	9
2072.865	2074.431	1429.931	104.7506	134.0406	104.3427	103.156	14.35291	20.52065	65.12645	50.78691	14.33953	27.91886	9
2072.87	2074.436	1429.936	98.80505	64.75142	98.27354	98.31062	37.54873	10.06117	52.3901	36.90749	15.48261	28.49271	9
2072.875	2074.441	1429.941	95.75195	63.65135	96.15985	97.60606	33.34332	13.20806	53.44862	33.06255	20.38607	27.77741	9
2072.88	2074.446	1429.946	92.26622	102.5664	93.19328	87.69275	23.10934	15.6139	61.27676	34.19266	27.0841	28.59694	9
2072.885	2074.451	1429.951	82.7979	71.81021	81.88321	78.96608	53.53674	1.931244	44.53202	16.63433	27.89769	30.21128	9
2072.89	2074.456	1429.956	84.72618	73.49087	83.47774	82.16751	53.94249	1.555705	44.50181	31.20348	13.29832	30.08234	9
2072.895	2074.461	1429.961	83.10692	50.84774	82.29111	81.1292	57.55899	0.872647	41.56836	15.22792	26.34044	30.92463	9
2072.9	2074.466	1429.966	81.59891	35.96622	80.89435	78.45929	61.68553	0	38.31447	12.14516	26.16931	31.78495	9
2072.905	2074.471	1429.971	83.09456	40.7332	82.31583	81.4135	59.7307	0.290795	39.97851	9.42765	30.55086	31.45107	9
2072.91	2074.476	1429.976	91.63583	144.6747	89.78172	89.44798	35.05313	5.743642	59.20323	33.6146	25.58863	27.53171	9
2072.915	2074.481	1429.981	102.0188	192.4361	101.4255	100.1276	4.171328	20.61359	75.21508	74.6418	0.573286	-9999	9
2072.92	2074.486	1429.986	108.0014	222.0616	108.1745	106.2338	0	35.76907	64.23093	64.23093	0	-9999	9
2072.925	2074.492	1429.992	111.9074	252.9553	112.6367	115.7269	0	51.09091	48.90909	48.90909	0	-9999	9
2072.93	2074.497	1429.997	116.3078	236.5153	117.0866	118.8171	0	61.11205	38.88795	38.88795	0	-9999	9
2072.935	2074.502	1430.002	120.2386	210.847	120.7577	122.3522	0	65.8971	34.1029	34.1029	0	-9999	9
2072.94	2074.507	1430.007	119.3362	192.1305	119.6452	119.7318	0	58.15883	41.84117	41.84117	0	-9999	9
2072.945	2074.512	1430.012	117.8159	137.0964	117.8653	118.8665	0	46.20227	53.79773	53.79773	0	-9999	9
2072.95	2074.517	1430.017	118.5575	186.2023	119.0766	120.906	0	59.42355	40.57645	40.57645	0	-9999	9
2072.955	2074.522	1430.022	119.2868	173.1084	119.4969	119.9295	0	54.95347	45.04653	45.04653	0	-9999	9
2072.96	2074.527	1430.027	116.3944	136.5311	116.7281	117.9642	0	47.51867	52.48133	52.48133	0	-9999	9
2072.965	2074.532	1430.032	117.445	171.7945	118.0383	117.4327	0	56.72584	43.27416	43.27416	0	-9999	9
2072.97	2074.537	1430.037	120.4981	201.0227	121.2521	118.0754	0	70.61616	29.38384	29.38384	0	-9999	9
2072.975	2074.542	1430.042	119.1385	226.7522	120.3004	117.8282	0	75.66765	24.33235	24.33235	0	-9999	9
2072.98	2074.547	1430.047	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2073.305	2074.877	1430.377	156.1465	529.1801	159.4592	160.4357	0	100	0	0	0	-9999	10
2073.31	2074.882	1430.382	153.971	683.6332	154.2677	160.9919	0	100	0	0	0	-9999	10
2073.315	2074.887	1430.387	157.4196	713.7782	156.0229	158.4579	0	100	0	0	0	-9999	10
2073.32	2074.892	1430.392	165.108	618.6068	166.2699	164.799	0	100	0	0	0	-9999	10
2073.325	2074.897	1430.397	163.0438	475.0933	164.5641	157.9141	0	100	0	0	0	-9999	10
2073.33	2074.902	1430.402	158.8411	461.4952	158.6433	161.956	0	100	0	0	0	-9999	10
2073.335	2074.907	1430.407	157.4196	561.9989	156.7398	159.7064	0	100	0	0	0	-9999	10

2073.34	2074.913	1430.413	164.4653	495.2765	165.998	164.3787	0	100	0	0	0	-9999	10
2073.345	2074.918	1430.418	170.386	450.8	170.7198	168.9151	0	100	0	0	0	-9999	10
2073.35	2074.923	1430.423	170.5097	460.1965	169.4466	169.2983	0	100	0	0	0	-9999	10
2073.355	2074.928	1430.428	171.3749	506.3842	171.2142	170.3119	0	100	0	0	0	-9999	10
2073.36	2074.933	1430.433	173.365	389.1502	173.7729	176.9867	0	100	0	0	0	-9999	10
2073.365	2074.938	1430.438	173.5504	350.6936	174.4156	175.7877	0	100	0	0	0	-9999	10
2073.37	2074.943	1430.443	169.9658	322.9015	170.0894	169.2983	0	100	0	0	0	-9999	10
2073.375	2074.948	1430.448	164.49	291.0758	165.0462	164.1439	0	100	0	0	0	-9999	10
2073.38	2074.953	1430.453	162.6359	290.8772	163.6124	164.6136	0	100	0	0	0	-9999	10
2073.385	2074.958	1430.458	162.0426	285.6977	162.1044	163.9585	0	100	0	0	0	-9999	10
2073.39	2074.963	1430.463	161.4369	271.687	161.8201	162.4134	0	100	0	0	0	-9999	10
2073.395	2074.968	1430.468	161.5234	289.4104	162.1785	164.1068	0	100	0	0	0	-9999	10
2073.4	2074.973	1430.473	161.8077	279.4792	162.7718	164.4035	0	100	0	0	0	-9999	10
2073.405	2074.978	1430.478	161.5728	227.0119	162.6729	163.3899	0	100	0	0	0	-9999	10
2073.41	2074.984	1430.484	157.3826	250.1745	158.2231	158.9895	0	100	0	0	0	-9999	10
2073.415	2074.989	1430.489	154.4654	258.1042	155.8127	157.5185	0	100	0	0	0	-9999	10
2073.42	2074.994	1430.494	156.7151	251.8858	157.7039	159.9659	0	100	0	0	0	-9999	10
2073.425	2074.999	1430.499	155.5161	226.248	156.814	159.1625	0	100	0	0	0	-9999	10
2073.43	2075.004	1430.504	154.8857	207.7454	155.6026	158.2972	0	100	0	0	0	-9999	10
2073.435	2075.009	1430.509	149.892	209.1205	149.8178	148.9773	0	100	0	0	0	-9999	10
2073.44	2075.014	1430.514	147.2962	196.1183	147.8895	146.5916	0	100	0	0	0	-9999	10
2073.445	2075.019	1430.519	140.1146	265.8047	141.0046	142.5868	0	100	0	0	0	-9999	10
2073.45	2075.024	1430.524	140.8068	212.711	141.2889	141.3507	0	100	0	0	0	-9999	10
2073.455	2075.029	1430.529	145.1578	187.3024	145.4421	145.4174	0	100	0	0	0	-9999	10
2073.46	2075.034	1430.534	142.7474	178.5935	143.279	143.9712	0	100	0	0	0	-9999	10
2073.465	2075.039	1430.539	143.007	181.4354	142.7104	145.4668	0	100	0	0	0	-9999	10
2073.47	2075.044	1430.544	142.5991	209.9914	142.8216	144.206	0	100	0	0	0	-9999	10
2073.475	2075.049	1430.549	138.0504	181.7104	138.1369	140.3618	0	100	0	0	0	-9999	10
2073.48	2075.055	1430.555	138.5695	192.8639	139.1505	139.0392	0	100	0	0	0	-9999	10
2073.485	2075.06	1430.56	139.6449	206.2328	140.4978	139.4101	0	100	0	0	0	-9999	10
2073.49	2075.065	1430.565	137.0492	215.889	137.5683	138.6931	0	100	0	0	0	-9999	10
2073.495	2075.07	1430.57	136.8885	246.6146	137.3705	137.2346	0	100	0	0	0	-9999	10
2073.5	2075.075	1430.575	136.5794	239.8461	137.4571	139.4842	0	100	0	0	0	-9999	10
2073.505	2075.08	1430.58	134.2185	178.6546	135.3928	137.4571	0	100	0	0	0	-9999	10
2073.51	2075.085	1430.585	132.0307	158.395	133.0937	134.0084	0	100	0	0	0	-9999	10
2073.515	2075.09	1430.59	131.6846	183.3147	132.1543	132.8712	0	100	0	0	0	-9999	10
2073.52	2075.095	1430.595	134.7748	216.2098	135.158	137.3087	0	100	0	0	0	-9999	10
2073.525	2075.1	1430.6	134.404	195.339	135.2074	135.6771	0	100	0	0	0	-9999	10
2073.53	2075.105	1430.605	129.3855	205.8356	130.5969	132.6487	0	100	0	0	0	-9999	10
2073.535	2075.11	1430.61	125.8627	223.0089	127.0864	129.8923	0	100	0	0	0	-9999	10
2073.54	2075.115	1430.615	124.9356	261.7711	126.5302	125.7638	0	100	0	0	0	-9999	10
2073.545	2075.12	1430.62	122.4882	355.705	125.7144	128.0011	0	100	0	0	0	-9999	10
2073.55	2075.126	1430.626	126.5549	259.1432	128.6809	127.346	0	100	0	0	0	-9999	10
2073.555	2075.131	1430.631	125.0345	281.8474	126.6291	130.362	0	100	0	0	0	-9999	10
2073.56	2075.136	1430.636	119.3609	284.8421	121.623	124.8491	0	100	0	0	0	-9999	10
2073.565	2075.141	1430.641	121.6971	251.733	123.0321	125.9369	0	90.39663	9.603372	9.603372	0	-9999	10
2073.57	2075.146	1430.646	123.7737	194.1167	124.3176	123.4276	0	76.87132	23.12868	23.12868	0	-9999	10
2073.575	2075.151	1430.651	122.0679	194.1626	122.686	124.3918	0	72.57494	27.42506	27.42506	0	-9999	10
2073.58	2075.156	1430.656	122.995	270.9995	122.4264	121.0914	0	55.40416	44.59584	44.59584	0	-9999	10
2073.585	2075.161	1430.661	118.4215	219.6628	118.6811	120.2262	0	56.78124	43.21876	43.21876	0	-9999	10
2073.59	2075.166	1430.666	119.2373	213.2916	120.0779	122.5624	0	69.07533	30.92467	30.92467	0	-9999	10
2073.595	2075.171	1430.671	118.5451	204.6897	118.7182	118.9778	0	54.57423	45.42577	45.42577	0	-9999	10
2073.6	2075.176	1430.676	114.5155	202.5506	114.9976	114.2436	0	49.95423	50.04577	50.04577	0	-9999	10
2073.605	2075.181	1430.681	109.324	201.9242	109.3735	108.3352	0	35.02772	64.97228	64.97228	0	-9999	11
2073.61	2075.186	1430.686	109.9915	179.1588	110.3253	109.3611	0	37.71117	62.28883	62.28883	0	-9999	11
2073.615	2075.192	1430.692	109.4476	238.1807	108.9532	109.7443	0	31.78081	68.21919	68.21919	0	-9999	11
2073.62	2075.197	1430.697	117.5316	341.6485	117.5316	115.3684	0	58.56487	41.43513	41.43513	0	-9999	11
2073.625	2075.202	1430.702	114.874	334.5133	115.01	117.2349	0	54.62535	45.37465	45.37465	0	-9999	11
2073.63	2075.207	1430.707	103.91	271.4579	104.1325	105.8259	0	34.19257	65.80743	65.80743	0	-9999	11
2073.635	2075.212	1430.712	98.632	278.4403	99.6703	97.25996	0	34.48397	65.51603	65.51603	0	-9999	11
2073.64	2075.217	1430.717	101.9694	235.4458	103.2426	105.1214	0	37.75428	62.24572	62.24572	0	-9999	11
2073.645	2075.222	1430.722	102.2537	286.9811	102.2661	97.22288	0	31.73162	68.26838	68.26838	0	-9999	11
2073.65	2075.227	1430.727	92.21678	293.1079	91.6111	92.20442	0	21.30019	78.69981	78.69981	0	-9999	11
2073.655	2075.232	1430.732	97.07455	370.4796	96.97566	94.16978	0	32.06937	67.93063	67.93063	0	-9999	11
2073.66	2075.237	1430.737	104.6146	401.0677	104.0707	103.3291	0	37.27385	62.72615	62.72615	0	-9999	11
2073.665	2075.242	1430.742	102.3279	358.1343	101.3266	101.3637	0	29.04174	70.95826	70.95826	0	-9999	11
2073.67	2075.247	1430.747	99.25004	348.5087	98.9163	99.12643	0	30.79271	69.20729	69.20729	0	-9999	11
2073.675	2075.252	1430.752	98.61964	298.1957	98.95338	101.4502	0	31.16677	68.83323	68.83323	0	-9999	11
2073.68	2075.257	1430.757	104.3674	355.6592	103.7246	99.17587	0	33.17165	66.82835	66.82835	0	-9999	11
2073.685	2075.263	1430.763	104.9854	360.1817	104.9113	103.91	0	38.89736	61.10264	61.10264	0	-9999	11
2073.69	2075.268	1430.768	105.8383	348.9823	105.8754	104.5157	0	40.13915	59.86085	59.86085	0	-9999	11
2073.695	2075.273	1430.773	100.7333	308.1269	100.5726	96.9015	0	30.45021	69.54979	69.54979	0	-9999	11
2073.7	2075.278	1430.778	99.43545	275.5373	98.02632	93.8484	0	19.19037	80.80963	80.80963	0	-9999	11

2073.705	2075.283	1430.783	96.32054	259.0821	96.23402	95.34404	0	24.0625	75.9375	75.9375	0	-9999	11
2073.71	2075.288	1430.788	94.07089	269.6091	94.10797	92.63704	0	23.84778	76.15222	76.15222	0	-9999	11
2073.715	2075.293	1430.793	97.29704	332.2674	97.95216	98.84213	0	34.20874	65.79126	65.79126	0	-9999	11
2073.72	2075.298	1430.798	89.73227	334.9106	88.69397	88.61981	0	21.31753	78.68247	78.68247	0	-9999	11
2073.725	2075.303	1430.803	89.28729	233.704	88.97827	88.00177	3.694212	17.15002	79.15577	74.3138	4.841964	-9999	11
2073.73	2075.308	1430.808	94.92378	277.5388	94.84962	96.679	0	24.39027	75.60973	75.60973	0	-9999	11
2073.735	2075.313	1430.813	98.89157	322.0459	98.06341	99.3242	0	25.63986	74.36014	74.36014	0	-9999	11
2073.74	2075.318	1430.818	89.00299	311.4424	87.53206	85.99933	0	17.8959	82.1041	82.1041	0	-9999	11
2073.745	2075.323	1430.823	88.02649	216.7904	87.04999	84.00925	14.1202	13.01577	72.86403	45.44024	27.42379	27.44355	11
2073.75	2075.328	1430.828	95.925	182.016	95.36877	94.59004	12.01194	16.00676	71.98129	52.69771	19.28358	27.91409	11
2073.755	2075.334	1430.834	100.3501	148.2652	100.9929	101.5368	6.816326	24.96236	68.22131	59.2112	9.010114	-9999	11
2073.76	2075.339	1430.839	97.9398	149.3347	98.03868	99.71974	12.99003	19.0234	67.98657	41.2997	26.68687	27.47294	11
2073.765	2075.344	1430.844	100.3254	203.4979	99.85571	97.95216	2.094356	20.92521	76.98043	76.98043	0	-9999	11
2073.77	2075.349	1430.849	99.11407	168.2651	99.43545	100.4861	5.604223	22.79109	71.60468	59.32467	12.28001	-9999	11
2073.775	2075.354	1430.854	97.87799	180.5034	97.72967	98.68144	7.419979	19.56233	73.01769	60.40087	12.61683	-9999	11
2073.78	2075.359	1430.859	98.0016	155.8282	98.19937	96.17221	10.59538	20.12826	69.27636	57.96701	11.30935	28.30933	11
2073.785	2075.364	1430.864	99.54669	140.198	100.2883	99.70738	8.741393	24.19569	67.06292	60.62851	6.434402	28.09055	11
2073.79	2075.369	1430.869	102.9459	157.0199	103.6257	104.5652	2.0222	29.03703	68.94077	68.94077	0	-9999	11
2073.795	2075.374	1430.874	101.4255	193.032	101.92	101.0423	0	28.13577	71.86423	71.86423	0	-9999	10
2073.8	2075.379	1430.879	99.83099	126.9971	99.48489	97.35884	20.10447	16.20861	63.68693	39.85279	23.83414	27.98571	10
2073.805	2075.384	1430.884	82.03154	94.51446	81.20337	80.75838	48.0768	3.50244	48.42076	17.42339	30.99737	28.58935	10
2073.81	2075.389	1430.889	80.75838	133.6739	79.20093	76.25908	45.42345	4.041315	50.53524	20.05847	30.47676	27.98648	10
2073.815	2075.394	1430.894	89.05243	138.1659	89.07715	90.43683	24.44402	11.89759	63.65839	44.26364	19.39475	26.95506	10
2073.82	2075.399	1430.899	96.39471	162.0008	96.29582	96.03625	12.87905	17.49367	69.62728	54.65882	14.96846	27.81492	10
2073.825	2075.405	1430.905	106.0237	198.1351	107.4576	111.6108	0	43.52941	56.47059	56.47059	0	-9999	10
2073.83	2075.41	1430.91	110.6466	145.5608	111.3141	112.8716	0	40.53242	59.46758	59.46758	0	-9999	10
2073.835	2075.415	1430.915	109.2869	146.7526	109.9915	110.5477	0	38.48477	61.51523	61.51523	0	-9999	10
2073.84	2075.42	1430.92	111.6973	128.3569	112.167	114.12	2.535879	38.9712	58.49293	58.49293	0	-9999	10
2073.845	2075.425	1430.925	112.4019	116.1645	112.6862	113.1188	6.275192	37.12891	56.59589	47.88438	8.711509	-9999	10
2073.85	2075.43	1430.93	111.8456	127.0277	112.1546	113.1311	3.96644	37.14848	58.88508	58.88508	0	-9999	10
2073.855	2075.435	1430.935	112.2288	121.5884	112.5625	112.4637	4.738617	37.80423	57.45715	57.45715	0	-9999	10
2073.86	2075.44	1430.94	110.8568	115.0186	110.795	111.2029	10.65626	30.19937	59.14436	49.68534	9.459017	27.00809	10
2073.865	2075.445	1430.945	107.7048	131.4738	107.7419	108.5577	8.80756	27.86194	63.3305	56.32904	7.001462	27.43318	10
2073.87	2075.45	1430.95	109.8555	126.7527	109.8432	111.2029	8.354553	30.05559	61.58986	58.47271	3.117143	27.12713	10
2073.875	2075.455	1430.955	114.6886	86.17225	115.1954	115.3932	9.705191	42.84329	47.45152	37.36985	10.08166	25.55228	10
2073.88	2075.46	1430.96	116.8517	102.9942	117.1237	118.5081	5.464326	45.33328	49.2024	42.92397	6.278424	-9999	10
2073.885	2075.465	1430.965	124.0086	116.6534	123.9344	124.4041	0	58.34028	41.65972	41.65972	0	-9999	10
2073.89	2075.47	1430.97	124.5401	131.871	124.5154	125.3559	0	62.08811	37.91189	37.91189	0	-9999	10
2073.895	2075.476	1430.976	125.566	128.7389	125.2199	125.0716	0	57.30903	42.69097	42.69097	0	-9999	10
2073.9	2075.481	1430.981	123.6625	130.8015	123.8355	122.9579	0	63.8036	36.1964	36.1964	0	-9999	10
2073.905	2075.486	1430.986	124.1569	108.1126	124.2311	123.613	0	61.58021	38.41979	38.41979	0	-9999	10
2073.91	2075.491	1430.991	119.7688	118.1049	120.1026	119.4475	0	54.78505	45.21495	45.21495	0	-9999	10
2073.915	2075.496	1430.996	117.4079	116.47	117.717	117.5068	1.404043	48.16296	50.43299	50.43299	0	-9999	10
2073.92	2075.501	1431.001	118.9036	126.6151	119.398	121.2398	0	55.91446	44.08554	44.08554	0	-9999	10
2073.925	2075.506	1431.006	119.2621	118.0132	119.4969	121.0914	0	51.61734	48.38266	48.38266	0	-9999	10
2073.93	2075.511	1431.011	117.0989	142.7801	117.6799	120.1026	0	53.65198	46.34802	46.34802	0	-9999	10
2073.935	2075.516	1431.016	117.6057	129.2584	118.0754	119.4475	0	52.19791	47.80209	47.80209	0	-9999	10
2073.94	2075.521	1431.021	115.5786	104.7665	115.8258	117	6.398314	42.22063	51.38106	38.40857	12.97249	-9999	10
2073.945	2075.526	1431.026	113.1435	112.7115	113.811	114.2312	3.45884	43.462	53.07916	53.07916	0	-9999	10
2073.95	2075.531	1431.031	106.1844	142.0925	106.6294	108.9285	4.475308	30.43477	65.08992	65.08992	0	-9999	10
2073.955	2075.536	1431.036	86.53084	215.4306	85.60379	94.26866	15.44209	12.62787	71.93004	44.35015	27.57989	25.07195	10
2073.96	2075.542	1431.042	83.41594	156.1796	81.64835	80.47408	39.16066	5.414522	55.42482	28.56469	26.86013	27.03178	10
2073.965	2075.547	1431.047	77.89069	98.07441	77.16141	77.08724	50.2585	2.999207	46.74229	27.04851	19.69379	28.43294	10
2073.97	2075.552	1431.052	69.07749	75.2021	67.63129	64.83776	69.45789	0	30.54211	15.77212	14.76998	30.60501	10
2073.975	2075.557	1431.057	68.70667	71.35185	67.08741	63.9107	72.07195	0	27.92805	7.36869	20.55936	30.63991	10
2073.98	2075.562	1431.062	68.76847	56.94397	68.01447	66.80312	68.7961	0	31.2039	22.23773	8.966166	30.13271	10
2073.985	2075.567	1431.067	69.64608	60.38169	69.33707	67.61892	63.70813	0	36.29187	8.4349	27.85697	30.52798	10
2073.99	2075.572	1431.072	79.76952	130.6946	78.49637	73.36666	44.8509	4.350791	50.7983	19.80555	30.99276	28.32137	10
2073.995	2075.577	1431.077	85.77684	86.0653	84.28119	93.5641	51.84878	1.880148	46.27107	15.11653	31.15454	27.68077	10
2074	2075.582	1431.082	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2074.31	2075.897	1431.397	127.4572	365.1014	125.121	125.702	0	28.82479	71.17521	71.17521	0	-9999	10
2074.315	2075.902	1431.402	126.7527	291.2592	125.8503	125.1458	0	57.74656	42.25344	42.25344	0	-9999	10
2074.32	2075.907	1431.407	119.5958	261.7711	118.471	118.4957	0	38.05442	61.94558	61.94558	0	-9999	10
2074.325	2075.912	1431.412	124.9604	350.1741	124.6266	121.7218	0	70.85534	29.14466	29.14466	0	-9999	10
2074.33	2075.917	1431.417	130.0406	327.6226	129.9294	127.7539	0	92.03296	7.967043	7.967043	0	-9999	10
2074.335	2075.922	1431.422	131.5733	235.8278	131.9936	134.0826	0	100	0	0	0	-9999	10
2074.34	2075.927	1431.427	136.085	380.915	137.5312	138.0627	0	100	0	0	0	-9999	10
2074.345	2075.932	1431.432	145.0342	527.0105	149.2121	158.013	0	100	0	0	0	-9999	10
2074.35	2075.937	1431.437	135.2198	400.7774	136.53	140.9181	0	100	0	0	0	-9999	10
2074.355	2075.942	1431.442	137.9638	358.4093	140.9428	141.8451	0	100	0	0	0	-9999	10
2074.36	2075.947	1431.447	140.2506	334.8648	141.0169	140.0775	0	100	0	0	0	-9999	10
2074.365	2075.952	1431.452	139.4224	205.0869	140.0775	136.7031	0	100	0	0	0	-9999	10
2074.37	2075.957	1431.457	141.9687	165.6524	142.4879	142.1541	0	100	0	0	0	-9999	10

2074.375	2075.963	1431.463	142.3395	183.5438	142.08	141.3136	0	100	0	0	0	-9999	10
2074.38	2075.968	1431.468	145.4792	232.222	145.7882	142.4755	0	100	0	0	0	-9999	10
2074.385	2075.973	1431.473	146.4309	321.4958	147.2344	151.5112	0	100	0	0	0	-9999	10
2074.39	2075.978	1431.478	141.2765	249.5328	141.6597	142.9823	0	100	0	0	0	-9999	10
2074.395	2075.983	1431.483	140.2382	187.1802	141.1406	142.834	0	100	0	0	0	-9999	10
2074.4	2075.988	1431.488	140.1393	281.9697	142.3395	144.2678	0	100	0	0	0	-9999	10
2074.405	2075.993	1431.493	143.4397	260.2433	145.1949	146.2332	0	100	0	0	0	-9999	10
2074.41	2075.998	1431.498	144.7252	212.1304	145.1331	149.5211	0	100	0	0	0	-9999	10
2074.415	2076.003	1431.503	143.7116	169.9152	143.8846	145.0465	0	100	0	0	0	-9999	10
2074.42	2076.008	1431.508	138.792	231.9928	139.2123	141.9069	0	100	0	0	0	-9999	10
2074.425	2076.013	1431.513	138.3841	264.506	138.0875	136.53	0	100	0	0	0	-9999	10
2074.43	2076.018	1431.518	138.0256	274.972	138.0009	138.792	0	100	0	0	0	-9999	10
2074.435	2076.023	1431.523	139.6696	233.0012	139.7685	143.6251	0	100	0	0	0	-9999	10
2074.44	2076.028	1431.528	137.3458	359.6928	138.3841	140.2382	0	100	0	0	0	-9999	10
2074.445	2076.034	1431.534	137.1604	338.5469	137.42	137.3582	0	100	0	0	0	-9999	10
2074.45	2076.039	1431.539	136.9008	336.7135	137.5683	141.771	0	100	0	0	0	-9999	10
2074.455	2076.044	1431.544	134.4905	338.8983	134.6759	134.2556	0	100	0	0	0	-9999	10
2074.46	2076.049	1431.549	131.9318	332.0382	131.697	129.5709	0	95.93792	4.062078	4.062078	0	-9999	10
2074.465	2076.054	1431.554	130.943	329.3644	131.4868	133.5263	0	100	0	0	0	-9999	10
2074.47	2076.059	1431.559	131.7958	396.4535	133.1308	135.6771	0	100	0	0	0	-9999	11
2074.475	2076.064	1431.564	128.8911	527.0717	130.2013	129.5091	0	100	0	0	0	-9999	11
2074.48	2076.069	1431.569	128.0505	439.234	128.6191	126.2459	0	100	0	0	0	-9999	11
2074.485	2076.074	1431.574	125.084	528.844	126.0357	125.257	0	100	0	0	0	-9999	11
2074.49	2076.079	1431.579	121.1903	588.2326	121.7342	119.0025	0	94.77759	5.222411	5.222411	0	-9999	11
2074.495	2076.084	1431.584	122.414	381.4344	122.7849	121.0667	0	81.09914	18.90086	18.90086	0	-9999	11
2074.5	2076.089	1431.589	116.6169	292.0995	116.3202	116.3202	0	48.6713	51.3287	51.3287	0	-9999	11
2074.505	2076.094	1431.594	118.5575	369.242	119.2868	123.613	0	75.51386	24.48614	24.48614	0	-9999	11
2074.51	2076.099	1431.599	119.534	378.4245	120.6217	119.1755	0	85.85167	14.14833	14.14833	0	-9999	11
2074.515	2076.105	1431.605	125.566	336.7899	126.1099	127.3213	0	93.2303	6.769703	6.769703	0	-9999	11
2074.52	2076.11	1431.61	125.2817	270.9384	126.32	124.7008	0	100	0	0	0	-9999	11
2074.525	2076.115	1431.615	119.0272	286.2783	119.7441	120.8195	0	71.08005	28.91995	28.91995	0	-9999	11
2074.53	2076.12	1431.62	115.6033	346.4155	117.272	117.8653	0	80.75406	19.24594	19.24594	0	-9999	11
2074.535	2076.125	1431.625	113.2053	350.1282	113.9717	114.7628	0	60.97461	39.02539	39.02539	0	-9999	11
2074.54	2076.13	1431.63	114.0582	397.0952	114.0582	114.4785	0	55.37199	44.62801	44.62801	0	-9999	11
2074.545	2076.135	1431.635	114.2807	418.8369	114.7504	115.5415	0	63.86049	36.13951	36.13951	0	-9999	11
2074.55	2076.14	1431.64	117.3956	308.1116	117.9024	119.225	0	64.35025	35.64975	35.64975	0	-9999	11
2074.555	2076.145	1431.645	111.5737	234.4832	111.6973	112.921	0	41.63041	58.36959	58.36959	0	-9999	11
2074.56	2076.15	1431.65	109.2499	234.2999	109.3364	106.0855	0	37.50678	62.49322	62.49322	0	-9999	11
2074.565	2076.155	1431.655	110.9804	344.2154	110.6961	114.3548	0	43.257	56.743	56.743	0	-9999	11
2074.57	2076.16	1431.66	112.5749	305.774	113.2671	116.1472	0	55.59125	44.40875	44.40875	0	-9999	11
2074.575	2076.165	1431.665	110.35	331.0909	111.4377	113.8728	0	57.50483	42.49517	42.49517	0	-9999	11
2074.58	2076.171	1431.671	105.3562	328.8449	104.7506	101.9694	0	32.55173	67.44827	67.44827	0	-9999	11
2074.585	2076.176	1431.676	101.1041	315.2468	100.6839	99.6703	0	29.41943	70.58057	70.58057	0	-9999	11
2074.59	2076.181	1431.681	99.63322	321.2819	100.4861	99.44781	0	37.29174	62.70826	62.70826	0	-9999	11
2074.595	2076.186	1431.686	98.74325	250.0676	98.19937	98.94102	0	22.45079	77.54921	77.54921	0	-9999	11
2074.6	2076.191	1431.691	102.4885	203.284	102.0436	100.6344	0	22.83211	77.16789	77.16789	0	-9999	11
2074.605	2076.196	1431.696	105.1214	161.2674	104.9236	106.2338	5.794349	24.5443	69.66135	66.09925	3.562102	-9999	11
2074.61	2076.201	1431.701	105.1832	198.9448	105.4428	106.7159	0	31.19812	68.80188	68.80188	0	-9999	11
2074.615	2076.206	1431.706	101.9323	239.128	101.9076	99.69502	0	27.89883	72.10117	72.10117	0	-9999	11
2074.62	2076.211	1431.711	96.53067	247.4244	96.09805	92.81009	0	21.47286	78.52714	78.52714	0	-9999	11
2074.625	2076.216	1431.716	92.55052	306.049	92.8719	92.81009	0	26.65478	73.34522	73.34522	0	-9999	11
2074.63	2076.221	1431.721	91.62346	278.5014	91.59874	93.48993	0	22.59885	77.40115	77.40115	0	-9999	11
2074.635	2076.226	1431.726	95.46765	209.0441	95.85083	95.51709	0	22.64643	77.35357	77.35357	0	-9999	11
2074.64	2076.231	1431.731	102.7481	284.5365	103.0324	103.0571	0	34.21739	65.78261	65.78261	0	-9999	11
2074.645	2076.236	1431.736	99.29948	345.6363	99.12643	100.1276	0	31.68028	68.31972	68.31972	0	-9999	11
2074.65	2076.242	1431.742	100.6221	346.5225	100.1029	98.96574	0	30.46737	69.53263	69.53263	0	-9999	11
2074.655	2076.247	1431.747	103.6999	303.0085	104.182	103.0077	0	38.2382	61.7618	61.7618	0	-9999	11
2074.66	2076.252	1431.752	106.4563	289.2424	106.5429	105.2821	0	37.3448	62.6552	62.6552	0	-9999	11
2074.665	2076.257	1431.757	106.3575	242.2907	106.2462	102.093	0	32.19795	67.80205	67.80205	0	-9999	11
2074.67	2076.262	1431.762	104.1943	268.3716	103.8729	100.8569	0	29.76769	70.23231	70.23231	0	-9999	11
2074.675	2076.267	1431.767	105.245	254.0248	106.0237	106.4687	0	39.71376	60.28624	60.28624	0	-9999	11
2074.68	2076.272	1431.772	101.9818	302.1071	101.8705	101.6975	0	31.55021	68.44979	68.44979	0	-9999	11
2074.685	2076.277	1431.777	101.8829	328.1727	102.229	101.2154	0	36.65846	63.34154	63.34154	0	-9999	11
2074.69	2076.282	1431.782	98.16229	306.1407	98.10049	94.56532	0	28.79787	71.20213	71.20213	0	-9999	11
2074.695	2076.287	1431.787	99.23767	315.369	99.7321	99.90515	0	33.99923	66.00077	66.00077	0	-9999	11
2074.7	2076.292	1431.792	104.9854	247.8369	105.7641	105.5046	0	38.90192	61.09808	61.09808	0	-9999	11
2074.705	2076.297	1431.797	104.8989	206.5995	106.0855	109.7443	0	39.71693	60.28307	60.28307	0	-9999	11
2074.71	2076.302	1431.802	101.7716	213.1846	101.512	100.2636	0	24.25387	75.74613	75.74613	0	-9999	11
2074.715	2076.307	1431.807	98.74325	147.9901	98.80505	98.59492	12.86362	19.38897	67.74741	45.58434	22.16307	27.82168	11
2074.72	2076.313	1431.813	92.77301	131.2141	92.63704	92.66177	23.94878	12.82917	63.22205	40.85007	22.37198	27.3813	11
2074.725	2076.318	1431.818	89.63339	112.9865	90.33795	91.75943	24.7342	13.31837	61.94743	38.47148	23.47595	27.19311	11
2074.73	2076.323	1431.823	88.00177	125.1026	88.58272	89.46034	24.26116	12.58631	63.15253	34.96726	28.18527	27.15335	11
2074.735	2076.328	1431.828	84.71382	155.9045	85.10936	86.14766	21.26893	12.22211	66.50897	49.22947	17.27949	26.7685	11

2074.74	2076.333	1431.833	82.30347	178.1963	82.84735	82.42708	16.9423	13.05265	70.00505	51.43933	18.56572	26.9524	11
2074.745	2076.338	1431.838	81.53711	163.0245	82.30347	82.60013	19.59461	12.31147	68.09392	40.12101	27.97291	26.80772	11
2074.75	2076.343	1431.843	81.05504	140.9008	81.46294	82.20459	28.17011	9.621257	62.20863	40.70018	21.50845	26.63437	11
2074.755	2076.348	1431.848	76.84003	76.57718	76.50629	76.38268	53.36198	2.14823	44.48979	19.3817	25.10809	29.19363	1
2074.76	2076.353	1431.853	76.67934	53.72015	77.80417	78.48401	47.73733	3.724136	48.53854	30.34099	18.19755	28.82969	1
2074.765	2076.358	1431.858	70.5237	17.81504	70.80799	71.74741	68.60366	0	31.39634	20.02577	11.37057	29.62923	1
2074.77	2076.363	1431.863	68.9168	32.10069	67.77961	67.35935	77.64138	0	22.35862	7.77833	14.58029	29.82863	1
2074.775	2076.368	1431.868	68.05155	6.432361	67.9403	68.37293	76.6981	0	23.3019	12.24979	11.05211	29.33459	1
2074.78	2076.373	1431.873	70.05399	13.06335	69.59664	69.17638	75.93344	0	24.06656	17.7243	6.342261	29.66318	1
2074.785	2076.378	1431.878	72.32836	27.45595	71.40131	69.25054	73.99824	0	26.00176	9.30838	16.69338	30.11175	1
2074.79	2076.384	1431.884	72.18003	33.91886	71.54964	69.68317	70.27158	0	29.72842	17.35558	12.37284	30.19883	1
2074.795	2076.389	1431.889	74.40497	22.23061	74.44205	73.82401	65.88024	0	34.11976	21.5965	12.52326	30.55516	1
2074.8	2076.394	1431.894	71.29006	17.8456	71.09229	70.53606	71.62724	0	28.37276	19.39853	8.974227	29.84004	1
2074.805	2076.399	1431.899	70.21468	13.27725	70.05399	69.37415	73.43475	0	26.56525	5.787661	20.77759	29.72414	1
2074.81	2076.404	1431.904	70.79563	10.51179	70.54842	70.05399	74.24008	0	25.75992	23.59696	2.16296	29.7137	1
2074.815	2076.409	1431.909	74.78815	36.71488	74.21955	72.22948	66.7165	0	33.2835	22.57771	10.70579	30.59624	1
2074.82	2076.414	1431.914	74.71398	31.42843	73.99706	73.26778	69.2136	0	30.7864	16.72424	14.06215	30.14999	1
2074.825	2076.419	1431.919	70.18996	12.1619	69.8315	69.2011	75.26013	0	24.73987	17.27559	7.464273	29.70013	1
2074.83	2076.424	1431.924	66.86492	10.31317	66.98853	66.63007	75.03053	0	24.96947	9.175128	15.79434	29.36074	1
2074.835	2076.429	1431.929	65.75245	12.32997	65.60413	65.46816	77.67344	0	22.32656	10.01165	12.31491	29.37972	1
2074.84	2076.434	1431.934	65.38163	15.401	65.54232	64.60291	74.87651	0	25.12349	19.18001	5.943477	29.38815	1
2074.845	2076.439	1431.939	65.70301	7.960238	65.54232	65.61649	78.8722	0	21.1278	16.36179	4.766009	29.35086	1
2074.85	2076.444	1431.944	63.99723	16.51635	64.57818	65.67829	72.6232	0	27.3768	12.15179	15.22502	28.77925	1
2074.855	2076.449	1431.949	60.96885	15.85936	60.30137	59.36196	85.24366	0	14.75634	14.75634	0	30.16024	1
2074.86	2076.455	1431.955	60.77108	20.19853	59.62153	59.51028	88.11156	0	11.88844	6.629014	5.259426	30.61563	1
2074.865	2076.46	1431.96	63.93543	87.24176	60.77108	59.22599	84.59059	0	15.40941	14.85524	0.554169	31.98737	1
2074.87	2076.465	1431.965	68.64486	133.5212	63.88598	58.781	81.41594	0	18.58406	18.58406	0	32.54551	2
2074.875	2076.47	1431.97	70.07871	130.771	66.38285	59.65861	72.52392	0	27.47608	20.23423	7.241855	31.92456	2
2074.88	2076.475	1431.975	73.99706	99.12865	72.87224	72.18003	56.65098	1.594691	41.75433	12.43253	29.3218	29.09919	2
2074.885	2076.48	1431.98	75.5916	87.37927	74.87467	73.72513	54.8661	1.8257	43.3082	26.82333	16.48487	29.28795	2
2074.89	2076.485	1431.985	72.27892	73.27697	71.63616	68.79319	60.75174	0.396386	38.85187	11.78429	27.06758	30.62831	2
2074.895	2076.49	1431.99	71.9081	83.08594	71.30242	68.81792	58.43174	1.055212	40.51305	22.98538	17.52767	29.92276	2
2074.9	2076.495	1431.995	75.09717	69.02947	75.10953	69.93038	54.10968	1.896575	43.99375	22.00926	21.98449	30.28356	2
2074.905	2076.5	1432	72.27892	41.34435	71.6238	68.81792	68.57523	0	31.42477	24.37345	7.051317	30.47092	2
2074.91	2076.505	1432.005	77.05016	201.7409	74.41733	65.06025	40.69704	6.030637	53.27232	24.50399	28.76833	27.15597	2
2074.915	2076.51	1432.01	79.18857	187.7913	75.43091	68.84264	50.8229	2.828229	46.34887	20.86693	25.48194	27.97345	2
2074.92	2076.515	1432.015	82.06862	110.4197	80.3134	74.42969	51.3783	2.170056	46.45165	23.52475	22.9269	29.70695	2
2074.925	2076.521	1432.021	83.24289	98.48694	81.66072	80.16507	51.84455	1.99807	46.15738	28.94307	17.21431	29.26396	2
2074.93	2076.526	1432.026	82.36528	86.64589	80.6595	78.3604	56.47544	0.733827	42.79073	15.02564	27.76509	30.2585	2
2074.935	2076.531	1432.031	77.87833	81.8178	76.64226	73.94762	58.13159	0.811703	41.0567	22.1864	18.8703	30.35612	2
2074.94	2076.536	1432.036	78.71886	56.66895	78.71886	76.18491	53.86476	2.072825	44.06241	18.1859	25.87652	30.20491	2
2074.945	2076.541	1432.041	81.0056	67.36409	81.24045	80.98087	47.35262	4.174079	48.4733	18.18317	30.29013	28.88175	2
2074.95	2076.546	1432.046	82.01918	122.001	80.41228	76.08603	47.47156	3.323145	49.20529	19.46857	29.73672	28.74348	2
2074.955	2076.551	1432.051	77.51987	82.8262	76.87711	72.52613	53.61915	2.074595	44.30625	21.26637	23.03989	29.9232	2
2074.96	2076.556	1432.056	72.9464	40.3665	72.27892	71.14173	68.29358	0	31.70642	5.875228	25.83119	30.20529	2
2074.965	2076.561	1432.061	71.46311	54.66743	70.33829	68.19988	69.74182	0	30.25818	13.60179	16.65639	30.29301	2
2074.97	2076.566	1432.066	71.40131	68.78501	70.91924	71.10465	61.40085	0.199767	38.39938	15.03693	23.36245	30.22865	2
2074.975	2076.571	1432.071	73.61388	51.24499	73.47791	72.35308	60.9277	0.052492	39.01981	10.07078	28.94903	30.91872	2
2074.98	2076.576	1432.076	75.06008	50.20603	74.25664	73.2925	65.02158	0	34.97842	15.39159	19.58682	30.48943	2
2074.985	2076.581	1432.081	72.93404	57.61623	72.73627	70.00455	60.49029	0.221153	39.28856	23.16234	16.12622	30.95521	2
2074.99	2076.586	1432.086	77.28502	91.22952	75.87589	72.18003	57.74095	0.99646	41.26259	11.97245	29.29014	30.2383	2
2074.995	2076.592	1432.092	81.31461	68.84613	81.66072	81.03032	45.84751	4.694963	49.45752	21.41769	28.03983	28.78341	2
2075	2076.597	1432.097	84.45424	83.74293	84.29355	81.03032	43.28165	5.474135	51.24421	18.50001	32.7442	28.92994	2
2075.005	2076.602	1432.102	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2075.3	2076.901	1432.401	124.6761	357.5079	121.4746	115.6033	0	9.104221	90.89578	90.89578	0	-9999	2
2075.305	2076.907	1432.407	117.4945	367.0877	110.7332	107.1733	0	0	100	100	0	-9999	2
2075.31	2076.913	1432.413	114.4414	290.9841	112.3153	103.8111	0	20.631	79.369	79.369	0	-9999	2
2075.315	2076.919	1432.419	112.031	237.264	114.4537	113.984	0	73.07741	26.92259	26.92259	0	-9999	2
2075.32	2076.924	1432.424	111.1163	242.5963	113.2424	115.8629	0	66.58128	33.41872	33.41872	0	-9999	2
2075.325	2076.93	1432.43	112.476	180.9464	112.8592	118.2608	0	42.91837	57.08163	57.08163	0	-9999	2
2075.33	2076.936	1432.436	110.523	146.2331	110.3994	112.3771	3.888369	31.09345	65.01818	62.01168	3.006502	-9999	2
2075.335	2076.942	1432.442	108.1127	141.0689	108.5082	103.7123	3.332208	32.76903	63.89877	59.96675	3.932015	-9999	2
2075.34	2076.948	1432.448	106.7654	136.2713	104.7382	96.08569	24.5087	8.174215	67.31709	42.81376	24.50332	29.8729	2
2075.345	2076.953	1432.453	104.9236	120.9314	103.7988	96.58012	22.92227	13.79251	63.28521	47.10717	16.17804	29.14277	2
2075.35	2076.959	1432.459	102.9953	104.247	101.6851	93.82367	30.17085	10.03312	59.79603	30.66041	29.13562	29.5374	2
2075.355	2076.965	1432.465	100.0164	60.79422	99.08935	96.80261	40.45739	8.048686	51.49393	35.82539	15.66854	29.32049	2
2075.36	2076.971	1432.471	99.31184	43.05557	98.84213	97.89036	41.8539	9.344764	48.80134	16.18232	32.61902	29.20345	2
2075.365	2076.976	1432.476	100.3501	70.60319	98.87921	97.2476	41.99158	5.360692	52.64772	27.34171	25.30601	29.47526	2
2075.37	2076.982	1432.482	100.8198	94.45334	98.16229	96.22166	44.9841	0	55.0159	21.38975	33.62616	29.52409	2
2075.375	2076.988	1432.488	102.6987	128.0666	99.46017	99.90515	39.62355	0	60.37645	26.2748	34.10164	26.50988	2
2075.38	2076.994	1432.494	105.2326	90.14473	102.8594	99.34892	39.76372	1.802305	58.43397	30.16834	28.26563	30.07766	2
2075.385	2076.999	1432.499	99.41073	48.6476	99.13879	94.6024	38.87692	11.0779	50.04518	19.34575	30.69943	29.45921	2
2075.39	2077.005	1432.505	99.74446	63.7583	98.55783	96.30818	42.00197	6.431471	51.56656	25.68816	25.8784	29.5329	2

2075.395	2077.011	1432.511	102.0188	82.70397	100.7828	95.93736	35.70787	8.579373	55.71275	38.49449	17.21826	29.36813	2
2075.4	2077.017	1432.517	101.9941	60.96228	100.8693	97.00038	40.12994	7.887523	51.98253	21.5014	30.48113	29.66906	2
2075.405	2077.022	1432.522	104.355	41.46658	103.8606	101.5739	37.7903	13.17409	49.03561	27.54754	21.48807	28.91469	2
2075.41	2077.028	1432.528	104.9236	60.03028	105.1337	104.5404	27.31442	21.05317	51.6324	19.85277	31.77964	27.45095	2
2075.415	2077.034	1432.534	105.5416	67.68494	105.8136	106.5799	24.41442	22.91667	52.6689	33.12622	19.54268	27.01848	2
2075.42	2077.04	1432.54	107.9273	69.76285	108.6936	111.3017	17.88497	31.53307	50.58195	27.12372	23.45824	26.02324	2
2075.425	2077.046	1432.546	105.0843	83.66653	105.0349	106.889	23.45833	20.56101	55.98066	36.55335	19.42732	27.00312	2
2075.43	2077.051	1432.551	105.3315	89.7322	105.0349	101.9447	23.67891	19.07583	57.24526	33.08557	24.15969	28.02164	2
2075.435	2077.057	1432.557	102.6863	58.44129	102.1177	101.5986	35.7924	12.28628	51.92132	37.15283	14.7685	28.43203	2
2075.44	2077.063	1432.563	100.2018	67.44048	99.78155	99.13879	34.75079	11.98049	53.26872	33.85572	19.413	28.32403	2
2075.445	2077.069	1432.569	101.1289	58.67047	101.2401	100.0782	31.90103	15.92211	52.17686	23.19083	28.98603	28.07921	2
2075.45	2077.074	1432.574	99.62086	59.44969	100.1153	100.2883	30.13016	17.12532	52.74452	20.64339	32.10113	27.6974	2
2075.455	2077.08	1432.58	99.46017	59.52608	99.33656	99.13879	35.04929	12.82515	52.12556	32.03202	20.09354	28.23105	2
2075.46	2077.086	1432.586	100.3131	63.80413	99.47253	96.22166	38.78549	9.003197	52.21131	29.47071	22.7406	29.28837	2
2075.465	2077.092	1432.592	101.1659	89.77804	99.99168	98.53311	34.30163	9.017968	56.6804	39.42829	17.25212	28.56409	2
2075.47	2077.097	1432.597	101.92	126.4776	100.3501	98.43423	27.7921	9.146804	63.06109	33.76361	29.29748	28.3146	2
2075.475	2077.103	1432.603	100.4119	104.8735	99.54669	94.04617	28.94733	11.67357	59.3791	39.00632	20.37278	28.8619	2
2075.48	2077.109	1432.609	99.84335	110.8475	101.512	103.7246	8.386617	29.20999	62.40339	53.3659	9.037488	27.38009	2
2075.485	2077.115	1432.615	94.10797	98.13553	93.44049	87.79164	34.84484	8.779484	56.37568	33.2983	23.07738	29.00642	2
2075.49	2077.121	1432.621	94.45407	93.78108	95.51709	96.49359	22.16881	17.68807	60.14312	38.76363	21.3795	27.39424	2
2075.495	2077.126	1432.626	91.12904	79.70933	90.47392	88.91646	41.9488	6.182649	51.86855	34.01993	17.84862	28.85722	2
2075.5	2077.132	1432.632	88.65689	87.16537	87.18596	85.1588	48.74133	2.673591	48.58508	14.78281	33.80227	29.5205	2
2075.505	2077.138	1432.638	87.89052	77.53975	87.28485	86.37015	45.07009	4.898437	50.03148	21.35478	28.6767	28.92859	2
2075.51	2077.144	1432.644	86.4814	76.27161	86.67917	87.5197	40.44665	7.047481	52.50587	37.622	14.88387	28.11998	2
2075.515	2077.149	1432.649	84.7509	60.27474	85.03519	85.66559	45.23939	5.425489	49.33512	30.891	18.44412	28.75328	2
2075.52	2077.155	1432.655	84.5284	50.41993	84.25647	84.42952	52.13975	2.90802	44.95223	20.4815	24.47073	29.84934	2
2075.525	2077.161	1432.661	85.98697	53.96461	85.64087	87.24777	50.51483	3.468163	46.01701	32.27149	13.74552	29.3682	2
2075.53	2077.167	1432.667	84.83742	59.44969	84.68909	87.08708	48.71229	4.024788	47.26292	33.40659	13.85633	28.84501	2
2075.535	2077.172	1432.672	87.47026	55.00356	87.63095	87.30957	44.97116	5.977406	49.05144	20.28767	28.76377	29.06453	2
2075.54	2077.178	1432.678	89.65811	92.29904	90.20198	92.11789	30.96316	11.26552	57.77131	23.50176	34.26955	27.32706	2
2075.545	2077.184	1432.684	89.5345	89.71692	89.85588	93.48993	33.42608	10.09313	56.4808	34.16545	22.31535	27.11856	2
2075.55	2077.19	1432.69	88.73105	92.34487	89.97949	92.10553	26.34461	13.53567	60.11972	38.7363	21.38342	27.22954	2
2075.555	2077.196	1432.696	85.51726	136.3019	86.64209	85.77684	19.62166	13.79811	66.58024	34.66788	31.91236	27.50207	2
2075.56	2077.201	1432.701	84.93631	115.1102	86.14766	89.68283	24.61394	12.30123	63.08483	39.64232	23.44251	26.71722	2
2075.565	2077.207	1432.707	81.54947	129.732	80.85727	83.62607	38.9439	6.112087	54.94401	36.84848	18.09553	26.60231	2
2075.57	2077.213	1432.713	79.44814	100.1523	78.28624	77.9525	51.67564	2.488122	45.83624	24.44616	21.39008	28.70511	2
2075.575	2077.219	1432.719	76.67934	119.3883	74.07123	69.32471	60.77593	0.510281	38.71379	20.8693	17.8445	30.30429	2
2075.58	2077.224	1432.724	74.73871	88.23488	73.44083	70.84508	59.94609	0.655281	39.39863	25.86141	13.53721	30.27486	2
2075.585	2077.23	1432.73	73.18125	85.75972	71.82157	67.26046	62.45692	0.182914	37.36017	18.7486	18.61157	31.03136	2
2075.59	2077.236	1432.736	72.26656	106.2333	71.79685	68.08863	51.44655	2.905325	45.64813	22.02945	23.61867	28.68428	2
2075.595	2077.242	1432.742	73.20597	91.58093	73.52735	70.94396	47.99723	3.502272	48.5005	20.19667	28.30383	28.50435	2
2075.6	2077.247	1432.747	76.7535	100.3509	77.16141	66.40757	41.94059	5.314604	52.74481	31.55422	21.19059	29.55144	2
2075.605	2077.253	1432.753	78.26151	84.99579	79.01552	74.77579	41.58689	5.608971	52.80414	34.04509	18.75904	28.69166	2
2075.61	2077.259	1432.759	83.47774	85.36248	83.31705	80.69658	43.7881	5.210744	51.00115	32.82238	18.17878	28.77841	2
2075.615	2077.265	1432.765	84.80034	72.6811	84.97339	89.02771	43.05372	5.927585	51.01869	22.17388	28.84482	27.73074	2
2075.62	2077.271	1432.771	86.67917	96.33263	86.97583	89.34909	34.64357	8.850347	56.50608	32.15459	24.35149	27.24617	2
2075.625	2077.276	1432.776	89.39853	80.07602	89.63339	90.58516	36.55483	9.009039	54.43613	37.84072	16.5954	27.87075	2
2075.63	2077.282	1432.782	90.18962	84.843	90.52336	90.82002	33.90706	10.21737	55.87557	23.87054	32.00503	27.8167	2
2075.635	2077.288	1432.788	92.89662	114.5449	93.10675	89.97949	25.18671	13.43419	61.3791	39.74286	21.63624	28.05717	2
2075.64	2077.294	1432.794	96.93858	86.81396	97.18579	94.34283	27.89162	14.8505	57.25789	32.44374	24.81415	28.19722	2
2075.645	2077.299	1432.799	101.1165	92.20736	101.6727	101.4132	20.34783	21.43288	58.2193	31.35896	26.86034	27.425	2
2075.65	2077.305	1432.805	105.4922	132.4211	106.2091	109.0521	5.345121	31.31051	63.34437	63.34437	0	-9999	2
2075.655	2077.311	1432.811	100.758	163.1772	103.1437	109.3858	0	39.74726	60.25274	60.25274	0	-9999	2
2075.66	2077.317	1432.817	101.957	205.7133	104.7629	110.795	0	48.48274	51.51726	51.51726	0	-9999	2
2075.665	2077.322	1432.822	98.37242	285.2393	99.94224	105.3439	0	38.20019	61.79981	61.79981	0	-9999	2
2075.67	2077.328	1432.828	102.847	241.542	105.7271	105.7023	0	53.51098	46.48902	46.48902	0	-9999	2
2075.675	2077.334	1432.834	101.2401	259.296	102.1672	104.0954	0	35.64451	64.35549	64.35549	0	-9999	2
2075.68	2077.34	1432.84	93.98436	192.5125	91.4875	85.81392	26.29709	6.561108	67.1418	32.84008	34.30172	28.05888	2
2075.685	2077.346	1432.846	91.75943	221.2518	86.98819	83.09456	39.01551	0	60.98449	33.14255	27.84194	27.24634	2
2075.69	2077.351	1432.851	90.05365	226.798	87.27249	84.91159	23.81954	7.563651	68.61681	37.90476	30.71205	26.69639	2
2075.695	2077.357	1432.857	85.25769	170.4347	82.98331	81.63599	37.94414	5.160627	56.89523	22.37902	34.51621	26.91375	2
2075.7	2077.363	1432.863	78.52109	94.36167	77.0378	74.29372	56.42055	1.228271	42.35118	29.65794	12.69323	29.8737	2
2075.705	2077.369	1432.869	82.09334	122.7649	82.94623	84.08342	28.15512	10.10714	61.73774	42.10071	19.63703	26.89119	2
2075.71	2077.374	1432.874	78.22443	100.6565	77.55695	76.0613	48.84761	3.38405	47.76834	23.63599	24.13235	28.49177	2
2075.715	2077.38	1432.88	73.10709	77.31057	72.98348	74.80051	54.99028	1.718789	43.29093	30.47352	12.81742	28.81132	2
2075.72	2077.386	1432.886	71.78449	91.62677	72.05643	68.9786	49.67709	3.056942	47.26597	24.65148	22.61449	28.67797	2
2075.725	2077.392	1432.892	69.25054	109.7779	69.2629	62.34089	49.62744	3.319607	47.05295	23.44806	23.60489	28.81283	2
2075.73	2077.397	1432.897	67.74253	92.45182	66.08619	61.75994	68.14015	0	31.85985	18.78999	13.06987	31.13232	2
2075.735	2077.403	1432.903	67.22338	85.3472	65.02317	63.61405	74.5521	0	25.4479	8.991169	16.45673	30.64378	2
2075.74	2077.409	1432.909	68.24932	81.43583	65.50524	61.90827	78.76979	0	21.23021	13.67668	7.553534	31.15918	2
2075.745	2077.415	1432.915	70.49897	76.69941	68.94152	66.04911	68.64994	0	31.35006	7.336416	24.01365	30.60114	2
2075.75	2077.421	1432.921	74.39261	61.7415	73.66332	72.316	62.2693	0	37.7307	13.06405	24.66665	30.8055	2
2075.755	2077.426	1432.926	73.26778	48.26563	72.97112	72.27892	63.21246	0	36.78754	6.075273	30.71227	30.5966	2

2075.76	2077.432	1432.932	75.66576	61.0234	75.70284	77.90305	55.33245	1.557135	43.11041	12.39151	30.71891	29.28657	2
2075.765	2077.438	1432.938	77.28502	93.2616	76.58045	77.49515	51.78883	2.595896	45.61527	16.49751	29.11776	28.47562	2
2075.77	2077.444	1432.944	80.0291	105.6832	79.67064	81.3517	43.57596	4.912674	51.51137	35.38166	16.12971	27.43326	2
2075.775	2077.449	1432.949	78.79303	106.4166	78.59525	74.80051	43.29033	4.989702	51.71997	25.03274	26.68723	28.33974	2
2075.78	2077.455	1432.955	77.87833	111.2905	77.3221	70.89452	45.73043	4.26628	50.00329	25.73676	24.26653	28.86863	2
2075.785	2077.461	1432.961	77.12433	112.6656	76.65462	73.0082	45.42077	4.366244	50.21298	27.37786	22.83512	28.25487	2
2075.79	2077.467	1432.967	77.16141	154.8809	75.56687	70.75855	43.88797	4.901433	51.21059	32.19426	19.01633	27.48884	2
2075.795	2077.472	1432.972	78.05138	166.4469	78.66942	69.34943	23.1228	10.70475	66.17245	45.66819	20.50426	28.12195	2
2075.8	2077.478	1432.978	76.49393	131.8099	77.22321	73.41611	32.07564	8.049127	59.87524	35.8876	23.98763	27.37801	2
2075.805	2077.484	1432.984	77.21085	196.6225	75.25786	67.28518	36.5191	7.009965	56.47094	35.77572	20.69522	26.8853	2
2075.81	2077.49	1432.99	71.00576	136.8825	69.05277	63.34211	56.68485	2.513936	40.80121	19.69866	21.10255	28.91941	2
2075.815	2077.496	1432.996	72.10587	122.6274	71.69797	66.34577	47.14803	4.08415	48.76782	30.82619	17.94163	28.18071	2
2075.82	2077.501	1433.001	69.10221	110.0682	67.63129	61.98243	61.18913	1.231398	37.57947	23.93877	13.6407	30.11615	2
2075.825	2077.507	1433.007	67.13686	134.8504	63.61405	60.59803	72.90206	0.348873	26.74907	6.906479	19.84259	31.30497	2
2075.83	2077.513	1433.013	63.61405	89.64053	62.73644	58.85517	66.58356	0.03812	33.37832	24.37745	9.000871	30.90785	2
2075.835	2077.519	1433.019	62.76116	74.46871	61.61161	56.16053	73.1473	0	26.8527	21.91826	4.93444	31.14756	2
2075.84	2077.524	1433.024	60.43734	68.02107	58.55851	54.6896	82.49749	0	17.50251	5.896146	11.60636	31.70888	2
2075.845	2077.53	1433.03	58.90461	62.94852	57.14938	53.91087	84.1772	0	15.8228	15.8228	0	31.71282	2
2075.85	2077.536	1433.036	57.34716	57.31066	55.51777	53.72546	87.5492	0	12.4508	12.4508	0	31.89556	2
2075.855	2077.542	1433.042	55.0357	21.32916	54.77612	54.3435	86.21721	0	13.78279	13.78279	0	30.02497	2
2075.86	2077.547	1433.047	58.11352	47.33362	56.49427	54.92445	87.63006	0	12.36994	6.665468	5.704477	31.54663	2
2075.865	2077.553	1433.053	57.95283	31.48954	57.32244	58.33602	83.9485	0	16.0515	9.632174	6.419322	29.86214	2
2075.87	2077.559	1433.059	61.00593	44.36954	60.90705	61.17898	73.90348	0	26.09652	4.864885	21.23164	29.30638	2
2075.875	2077.565	1433.065	62.57575	81.95531	64.24444	61.98243	49.66471	2.14417	48.19112	17.16046	31.03066	28.26167	2
2075.88	2077.571	1433.071	68.90444	50.69495	69.76969	71.2159	57.63404	0.51904	41.84692	12.99972	28.8472	29.63622	2
2075.885	2077.576	1433.076	74.25664	100.8857	75.01064	76.50629	41.42602	5.253062	53.32092	35.09408	18.22684	27.13001	2
2075.89	2077.582	1433.082	74.44205	108.5404	75.25786	76.35796	38.92403	5.951762	55.1242	27.07651	28.04769	26.9442	2
2075.895	2077.588	1433.088	72.74863	119.2966	70.20232	65.83898	63.93539	0.51827	35.54634	23.92598	11.62036	30.46821	2
2075.9	2077.594	1433.094	70.70911	90.29752	70.9934	71.04285	50.89232	2.731904	46.37577	14.98191	31.39386	28.19516	2
2075.905	2077.599	1433.099	68.42237	101.2677	69.88094	67.73017	41.24075	4.694628	54.06462	25.59928	28.46534	27.51598	2
2075.91	2077.605	1433.105	70.18996	87.27232	70.85744	69.59664	49.13237	3.011055	47.85657	31.59618	16.26039	28.2991	2
2075.915	2077.611	1433.111	67.86614	85.94307	67.95266	68.54598	56.09436	1.550857	42.35478	12.96032	29.39447	28.66844	2
2075.92	2077.617	1433.117	66.97617	84.09434	66.02439	63.53988	65.40736	0	34.59264	23.52838	11.06426	30.70699	2
2075.925	2077.622	1433.122	65.59176	116.4853	62.62519	60.02944	74.45709	0	25.54291	18.47245	7.070458	31.59217	2
2075.93	2077.628	1433.128	67.54476	131.3057	65.91314	56.79092	58.72786	2.330034	38.9421	15.39827	23.54383	29.70941	2
2075.935	2077.634	1433.134	66.53118	69.68646	65.95023	64.30625	66.42959	0	33.57041	23.44775	10.12266	30.30113	2
2075.94	2077.64	1433.14	62.83532	56.02724	63.25559	62.34089	65.37586	0	34.62414	5.771875	28.85227	29.62395	2
2075.945	2077.645	1433.145	62.86004	52.3145	62.82296	61.2037	69.79604	0	30.20396	8.321996	21.88197	29.76015	2
2075.95	2077.651	1433.151	68.21224	104.2929	67.21102	61.90827	59.76531	1.37693	38.85776	14.73602	24.12173	29.88612	2
2075.955	2077.657	1433.157	74.59038	157.3408	75.07245	62.58811	29.56436	8.635892	61.79975	44.08863	17.71112	28.41474	2
2075.96	2077.663	1433.163	71.67324	80.64134	70.90688	70.05399	60.48474	0.593354	38.9219	27.09618	11.82572	29.99371	2
2075.965	2077.669	1433.169	70.37537	53.3229	70.2394	71.11701	63.40427	0	36.59573	22.86174	13.73398	30.07155	2
2075.97	2077.674	1433.174	70.79563	59.57192	71.35187	73.84873	56.14081	1.117284	42.74191	28.70551	14.0364	29.11456	2
2075.975	2077.68	1433.18	73.74985	62.30682	74.94884	77.11197	47.77971	3.344472	48.87582	29.02069	19.85513	28.25996	2
2075.98	2077.686	1433.186	71.36423	66.93628	72.05643	68.89208	52.78177	1.989617	45.22861	32.19927	13.02934	29.57363	2
2075.985	2077.692	1433.192	71.83393	108.6932	71.07993	69.41123	53.45257	2.532088	44.01534	27.78979	16.22555	28.45784	2
2075.99	2077.697	1433.197	69.86858	78.96067	68.47181	64.15792	67.43734	0	32.56266	17.10913	15.45354	30.93592	2
2075.995	2077.703	1433.203	75.67812	134.6059	72.35308	67.89086	63.57052	0.26741	36.16207	19.62192	16.54014	30.34348	2
2076	2077.709	1433.209	74.40497	98.42582	71.35187	68.32349	71.38991	0	28.61009	4.677513	23.93257	30.17911	2
2076.005	2077.715	1433.215	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2076.3	2078.055	1433.555	118.5699	133.3684	116.0606	114.0706	18.08711	6.169866	75.74303	56.4903	19.25273	29.47447	2
2076.305	2078.061	1433.561	112.785	109.2585	110.4859	105.7518	27.61521	5.649995	66.73479	42.02299	24.7118	29.7021	2
2076.31	2078.067	1433.567	106.6665	97.96746	102.7481	100.4861	48.52594	0	51.47406	20.65092	30.82314	18.10627	2
2076.315	2078.072	1433.572	107.334	147.6082	104.6888	96.69136	26.03186	3.735046	70.2331	41.89323	28.33987	30.10823	2
2076.32	2078.078	1433.578	114.0211	173.0932	112.9828	105.4428	1.25887	26.28943	72.4517	72.4517	0	-9999	2
2076.325	2078.084	1433.584	114.6639	126.8443	114.9482	114.4785	1.609613	42.31482	56.07556	56.07556	0	-9999	2
2076.33	2078.09	1433.59	115.8381	137.7381	116.5674	119.9295	0	52.43883	47.56117	47.56117	0	-9999	2
2076.335	2078.095	1433.595	117.3709	125.7748	117.9147	116.827	0	52.59694	47.40306	47.40306	0	-9999	2
2076.34	2078.101	1433.601	114.0582	97.75356	113.8357	112.2164	13.13442	32.12234	54.74324	45.33969	9.403548	26.79796	2
2076.345	2078.107	1433.607	106.7159	82.52063	105.2697	101.7345	33.05946	9.605326	57.33522	25.95326	31.38196	29.07827	2
2076.35	2078.113	1433.613	103.8853	92.31432	102.0188	96.22166	36.5506	5.477604	57.9718	36.93722	21.03458	29.86315	2
2076.355	2078.119	1433.619	101.3143	88.69325	98.59492	95.6407	46.40215	0	53.59785	24.3193	29.27856	28.96207	2
2076.36	2078.124	1433.624	101.7345	130.1598	98.70616	96.09805	38.37548	0	61.62452	19.39515	42.22937	28.96555	2
2076.365	2078.13	1433.63	100.5479	99.28143	98.55783	95.6407	38.89292	4.048306	57.05878	28.90209	28.15669	29.35034	2
2076.37	2078.136	1433.636	101.7963	137.677	101.6851	92.22914	13.89169	20.2744	65.83391	41.71811	24.1158	29.43681	2
2076.375	2078.142	1433.642	107.2722	177.1726	107.9025	104.5528	0	36.28127	63.71873	63.71873	0	-9999	2
2076.38	2078.147	1433.647	110.3005	205.1939	111.8827	113.3165	0	54.92668	45.07332	45.07332	0	-9999	2
2076.385	2078.153	1433.653	112.9457	175.9045	114.9852	118.5946	0	66.40515	33.59485	33.59485	0	-9999	2
2076.39	2078.159	1433.659	111.7838	143.8954	113.4154	114.3054	0	55.22501	44.77499	44.77499	0	-9999	2
2076.395	2078.165	1433.665	110.8073	88.25016	111.0545	112.4637	14.78481	31.94784	53.26734	35.64108	17.62626	26.25949	2
2076.4	2078.17	1433.67	107.2969	128.0514	107.334	105.1214	10.01106	27.08609	62.90285	41.40551	21.49734	27.91616	2
2076.405	2078.176	1433.676	105.9619	124.8581	105.7765	106.1968	13.73632	23.12868	63.135	39.20841	23.92659	27.44365	2
2076.41	2078.182	1433.682	107.8531	137.0811	106.2215	105.999	20.24654	12.26036	67.4931	44.46396	23.02914	28.11293	2

2076.415	2078.188	1433.688	105.7394	101.2524	104.4045	102.5133	28.56259	11.23812	60.19929	27.87566	32.32363	28.41512	2
2076.42	2078.194	1433.694	108.0385	103.1622	108.2734	107.7295	13.81919	28.43251	57.7483	33.32469	24.42361	27.1318	2
2076.425	2078.199	1433.699	102.5256	99.4495	102.5504	99.9546	21.41805	19.44759	59.13436	27.79339	31.34097	27.91754	2
2076.43	2078.205	1433.705	99.81863	66.06539	99.76919	99.34892	32.56222	14.069	53.36878	24.76664	28.60214	28.03788	2
2076.435	2078.211	1433.711	100.004	131.8558	98.71852	94.80017	26.04994	10.52697	63.42309	42.97759	20.44551	28.45989	2
2076.44	2078.217	1433.717	100.1029	110.5572	98.74325	95.13391	31.688	8.661699	59.6503	34.65906	24.99125	28.7068	2
2076.445	2078.222	1433.722	98.79269	124.3386	99.2624	92.81009	15.38055	20.48653	64.13292	52.16925	11.96367	28.79447	2
2076.45	2078.228	1433.728	95.77667	153.9336	96.98802	96.83969	5.24556	23.93773	70.81671	70.81671	0	-9999	2
2076.455	2078.234	1433.734	95.55418	101.9705	96.41943	95.69015	20.7076	18.20347	61.08893	38.19635	22.89258	27.67237	2
2076.46	2078.24	1433.74	99.12643	92.06985	98.76797	97.60606	29.30086	13.23057	57.46857	28.53989	28.92868	27.98997	2
2076.465	2078.245	1433.745	95.91264	87.18065	94.23158	92.55052	43.69087	3.690948	52.61819	34.89281	17.72537	29.34417	2
2076.47	2078.251	1433.751	98.36006	107.15	97.22288	96.15985	32.39164	8.975862	58.63249	31.16093	27.47156	28.17347	2
2076.475	2078.257	1433.757	95.80139	131.8863	93.972	88.76814	34.12399	5.92609	59.94992	22.81086	37.13906	28.80575	2
2076.48	2078.263	1433.763	96.56776	141.9398	97.3094	92.05609	11.0605	21.16745	67.77205	43.0366	24.73545	28.84838	2
2076.485	2078.268	1433.768	98.10049	122.2913	99.71974	100.7333	7.603835	27.169	65.22716	64.90085	0.326314	-9999	2
2076.49	2078.274	1433.774	99.75683	74.28537	99.68266	97.90272	30.82144	14.40366	54.7749	36.18877	18.58613	28.16805	2
2076.495	2078.28	1433.78	100.14	66.30985	99.68266	98.59492	35.36865	11.60771	53.02364	24.32595	28.6977	28.45797	2
2076.5	2078.286	1433.786	99.80627	95.21728	98.10049	95.38113	38.35545	5.328081	56.31647	37.60009	18.71637	29.16864	2
2076.505	2078.292	1433.792	101.3019	111.1378	99.70738	96.18457	32.26454	7.683316	60.05214	31.28631	28.76583	28.83279	2
2076.51	2078.297	1433.797	99.01518	116.7298	98.06341	95.41821	28.03369	11.08812	60.87819	41.54182	19.33637	28.23102	2
2076.515	2078.303	1433.803	103.0819	96.79099	102.4144	97.77911	26.91423	14.43935	58.64642	31.0658	27.58062	28.59474	2
2076.52	2078.309	1433.809	101.0794	119.6175	100.4367	99.92988	23.04088	14.63675	62.32237	37.12215	25.20022	27.72137	2
2076.525	2078.315	1433.815	96.60484	104.3693	97.03746	97.75439	22.51334	16.83843	60.64823	30.8292	29.81903	27.38849	2
2076.53	2078.32	1433.82	99.39836	78.24257	99.12643	98.73088	31.72631	13.0658	55.20789	32.77546	22.43242	27.99632	2
2076.535	2078.326	1433.826	98.61964	86.01946	98.31062	97.77911	30.84811	12.7556	56.39628	26.14003	30.25625	27.95476	2
2076.54	2078.332	1433.832	93.45285	131.2752	92.95842	93.48993	26.08661	11.51457	62.39882	29.94727	32.45155	27.2927	2
2076.545	2078.338	1433.838	97.29704	125.0873	97.45773	98.58256	18.97026	17.22102	63.80872	42.37819	21.43053	27.32701	2
2076.55	2078.343	1433.843	92.83482	102.3983	91.5493	89.02771	39.77433	5.638553	54.58712	24.27633	30.31079	28.7196	2
2076.555	2078.349	1433.849	91.88304	106.5236	91.75943	89.42325	30.64686	10.69725	58.6559	28.31547	30.34043	28.02521	2
2076.56	2078.355	1433.855	94.23158	78.80788	94.05853	94.65184	35.57658	10.00963	54.41379	25.10493	29.30885	28.00033	2
2076.565	2078.361	1433.861	95.2328	113.0782	94.44171	93.20564	31.15183	9.735929	59.11224	38.52708	20.58515	27.94069	2
2076.57	2078.367	1433.867	92.59996	104.1401	92.11789	91.73471	33.34217	9.294948	57.36289	29.58902	27.77386	27.82456	2
2076.575	2078.372	1433.872	91.96956	89.07522	91.67291	91.21556	36.13089	8.788613	55.08049	37.42107	17.65942	28.09588	2
2076.58	2078.378	1433.878	91.68527	75.49239	91.49986	90.14018	38.81733	8.213744	52.96893	32.59682	20.3721	28.56939	2
2076.585	2078.384	1433.884	92.10553	77.4328	91.19084	90.42447	43.61305	5.32369	51.06326	28.27574	22.78752	28.95859	2
2076.59	2078.39	1433.89	86.65445	107.0889	85.01047	82.69902	47.10322	3.002521	49.89426	16.09594	33.79832	28.92782	2
2076.595	2078.395	1433.895	93.03259	99.37311	92.14262	89.68283	37.25902	7.302436	55.43855	31.37108	24.06747	28.52372	2
2076.6	2078.401	1433.901	86.58029	89.91555	86.30835	87.65567	40.69408	6.384791	52.92113	30.12281	22.79832	27.85953	2
2076.605	2078.407	1433.907	85.64087	100.8704	83.88565	82.74846	50.40274	2.05676	47.5405	32.62931	14.91118	29.13847	2
2076.61	2078.413	1433.913	85.39366	171.4125	82.22931	72.20476	44.4797	2.688314	52.83198	17.64628	35.1857	28.95516	2
2076.615	2078.418	1433.918	85.92517	91.68789	86.17238	86.69153	36.84446	7.985058	55.17048	25.6963	29.47418	27.71318	2
2076.62	2078.424	1433.924	89.15132	109.7627	88.26135	92.88426	38.31551	6.487666	55.19682	25.18019	30.01663	26.9705	2
2076.625	2078.43	1433.93	88.45912	136.5922	88.70633	89.55922	23.64639	12.3393	64.01431	44.08695	19.92737	27.0405	2
2076.63	2078.436	1433.936	91.38861	132.1766	91.98193	94.10797	19.33754	15.36067	65.30179	50.28811	15.01368	27.06152	2
2076.635	2078.442	1433.942	92.76065	111.3364	91.79651	94.07089	35.18886	7.658034	57.15311	29.46107	27.69204	27.39662	2
2076.64	2078.447	1433.947	92.85954	139.3424	91.8954	86.8275	28.32044	9.588798	62.09077	40.44706	21.64371	28.26856	2
2076.645	2078.453	1433.953	91.30209	140.198	91.68527	84.13286	19.10451	14.89025	66.00525	39.85177	26.15348	28.79756	2
2076.65	2078.459	1433.959	88.58272	128.8153	88.81758	88.54564	25.51048	11.83513	62.65439	28.40154	34.25285	27.29414	2
2076.655	2078.465	1433.965	90.7953	97.55493	91.38861	92.68649	28.26184	12.60166	59.1365	33.77041	25.36609	27.34326	2
2076.66	2078.47	1433.97	89.05243	91.3212	88.44676	85.60379	40.66602	6.287145	53.04683	23.34657	29.70026	28.73508	2
2076.665	2078.476	1433.976	88.65689	116.3631	87.54442	85.34421	38.8974	5.942727	55.15987	26.22684	28.93303	28.16136	2
2076.67	2078.482	1433.982	84.98575	105.3318	83.21817	79.60883	50.02159	2.216841	47.76157	16.73544	31.02614	29.419	2
2076.675	2078.488	1433.988	84.13286	141.1147	81.85849	75.72756	46.07441	3.090949	50.83464	19.13348	31.70116	28.76524	2
2076.68	2078.493	1433.993	86.34543	151.8862	84.4666	79.4605	38.36668	5.228307	56.40502	36.64312	19.76189	27.98674	2
2076.685	2078.499	1433.999	84.86214	116.7145	84.08342	84.68909	39.71704	5.931563	54.35139	35.58406	18.76734	27.45118	2
2076.69	2078.505	1434.005	83.41594	89.05994	82.42708	82.52597	49.36848	3.04493	47.58659	34.01374	13.57285	28.79675	2
2076.695	2078.511	1434.011	83.20581	108.2042	83.47774	85.05992	35.15773	7.928209	56.91406	21.1602	35.75386	27.10572	2
2076.7	2078.517	1434.017	82.30347	99.40366	82.27875	83.55191	40.41671	6.114342	53.46895	32.04226	21.42669	27.50903	2
2076.705	2078.522	1434.022	84.56549	68.44888	84.82506	86.83986	43.62341	5.811995	50.56459	32.57023	17.99436	28.20058	2
2076.71	2078.528	1434.028	82.97095	49.90046	83.16872	84.03398	50.05808	3.67385	46.26807	28.80888	17.45919	29.35418	2
2076.715	2078.534	1434.034	83.89801	63.91109	83.32941	81.3517	51.75395	2.701172	45.54488	22.61187	22.93301	29.93563	2
2076.72	2078.54	1434.04	84.55313	83.80404	84.26883	81.74724	44.13385	5.132371	50.73378	17.50774	33.22604	28.8576	2
2076.725	2078.545	1434.045	84.7509	115.4616	85.07228	83.92273	31.59677	9.270251	59.13298	33.50516	25.62783	27.48507	2
2076.73	2078.551	1434.051	81.57419	103.0706	80.89435	78.95371	45.27743	4.351446	50.37112	24.47104	25.90008	28.37396	2
2076.735	2078.557	1434.057	81.04268	83.52902	80.17743	79.06496	51.93241	2.419956	45.64764	16.7518	28.89583	29.29142	2
2076.74	2078.563	1434.063	80.07854	81.0997	79.64592	78.50873	50.05446	3.084652	46.86089	19.02497	27.83592	29.0399	2
2076.745	2078.568	1434.068	81.32698	79.52599	81.50003	81.61127	44.59275	4.951351	50.45589	30.2103	20.2456	28.32949	2
2076.75	2078.574	1434.074	79.55939	71.32129	80.16507	80.64714	44.85162	4.837516	50.31086	29.91508	20.39578	28.35369	2
2076.755	2078.58	1434.08	79.94257	103.8192	79.99202	80.90671	40.9454	5.773378	53.28123	35.00905	18.27217	27.41521	2
2076.76	2078.586	1434.086	79.08968	95.58397	79.44814	80.98087	41.3281	5.682599	52.9893	34.28247	18.70684	27.43516	2
2076.765	2078.592	1434.092	79.85605	85.59166	79.72008	82.92151	46.87301	4.053488	49.07351	26.96998	22.10352	27.79289	2
2076.77	2078.597	1434.097	81.79668	98.89946	82.52597	85.27005	35.16144	7.99908	56.83948	27.14586	29.69362	26.98921	2
2076.775	2078.603	1434.103	80.3752	74.28537	80.17743	81.07976	49.61049	3.298852	47.09066	29.63768	17.45298	28.75073	2

2076.78	2078.609	1434.109	80.73366	68.05163	80.94379	82.09334	47.62801	4.0525	48.31949	22.56152	25.75796	28.60858	2
2076.785	2078.615	1434.115	78.94135	54.3313	78.89191	78.0761	54.60896	1.867552	43.52349	14.93525	28.58823	30.03497	2
2076.79	2078.62	1434.12	78.45929	65.43896	78.33568	78.15027	52.93918	2.298323	44.76249	26.5439	18.21859	29.44037	2
2076.795	2078.626	1434.126	76.0613	81.39	76.2838	76.60518	48.6029	3.424577	47.97252	27.18355	20.78897	28.3819	2
2076.8	2078.632	1434.132	75.62868	85.22497	75.62868	77.71764	49.79717	3.105913	47.09691	32.87941	14.2175	28.07972	2
2076.805	2078.638	1434.138	74.73871	72.03939	74.15775	75.023	58.30925	0.879854	40.81089	10.38493	30.42596	29.69792	2
2076.81	2078.643	1434.143	73.25542	97.06601	72.16767	72.46433	57.54506	1.412525	41.04242	11.79547	29.24694	29.02658	2
2076.815	2078.649	1434.149	73.47791	62.49016	73.02056	74.82523	60.82214	0.207695	38.97016	17.82904	21.14112	30.08433	2
2076.82	2078.655	1434.155	74.31844	59.38857	73.9229	74.87467	60.32046	0.283702	39.39584	16.10421	23.29162	30.27328	2
2076.825	2078.661	1434.161	73.77457	52.57424	73.60152	74.21955	60.74557	0.111722	39.14271	16.48187	22.66083	30.52596	2
2076.83	2078.667	1434.167	76.4074	76.57718	75.9995	80.47408	54.33477	1.88923	43.776	21.1025	22.6735	28.43272	2
2076.835	2078.672	1434.172	72.63738	45.13348	72.57558	73.71276	62.73029	0	37.26971	13.16535	24.10436	30.27011	2
2076.84	2078.678	1434.178	72.72391	52.78814	73.15653	74.78815	56.96643	0.954502	42.07907	21.51709	20.56198	29.64386	2
2076.845	2078.684	1434.184	71.88338	80.74829	70.78327	72.82279	62.85202	0.101873	37.0461	25.77912	11.26698	29.8927	2
2076.85	2078.69	1434.19	69.99218	73.01723	69.69553	73.94762	60.23612	0.519753	39.24413	23.3475	15.89663	29.06494	2
2076.855	2078.695	1434.195	71.88338	54.68271	72.47669	73.81165	56.03589	1.135842	42.82827	29.305	13.52327	29.47298	2
2076.86	2078.701	1434.201	71.83393	74.85068	72.40253	72.50141	51.39231	2.441338	46.16635	20.99091	25.17543	28.64422	2
2076.865	2078.707	1434.207	72.67446	55.3397	72.41489	72.34072	61.759	0	38.241	13.61047	24.63053	30.57883	2
2076.87	2078.713	1434.213	71.26534	75.15626	69.84386	67.05033	67.26457	0	32.73543	7.396514	25.33891	30.59632	2
2076.875	2078.718	1434.218	72.87224	101.3899	72.06879	70.9934	54.64791	2.125938	43.22616	23.48492	19.74123	28.73302	2
2076.88	2078.724	1434.224	73.15653	85.28608	72.29128	70.53606	58.76246	0.98041	40.25713	22.03372	18.22341	29.85718	2
2076.885	2078.73	1434.23	76.55573	65.95844	75.98714	72.69918	58.01338	0.876787	41.10983	23.71394	17.39589	30.66008	2
2076.89	2078.736	1434.236	78.50873	48.98373	78.13791	76.35796	58.79178	0.634193	40.57403	10.94563	29.6284	30.97472	2
2076.895	2078.742	1434.242	81.89557	62.04708	81.90793	81.66072	49.54489	3.545421	46.90969	29.91819	16.9915	29.24483	2
2076.9	2078.747	1434.247	82.92151	76.43968	82.16751	79.55939	51.05735	2.722245	46.22041	26.69289	19.52752	29.69108	2
2076.905	2078.753	1434.253	80.38756	70.69486	80.18979	79.50995	50.46802	3.060378	46.4716	28.08826	18.38334	29.21206	2
2076.91	2078.759	1434.259	78.34804	66.63071	77.75472	76.46921	56.39337	1.281577	42.32506	25.76443	16.56063	30.1255	2
2076.915	2078.765	1434.265	78.7065	73.73533	78.53345	76.50629	51.08721	2.816187	46.09661	28.09758	17.99902	29.39019	2
2076.92	2078.77	1434.27	74.94884	48.28091	74.49149	72.06879	62.90753	0	37.09247	13.24311	23.84936	31.03931	10
2076.925	2078.776	1434.276	74.46677	41.72631	73.87345	71.26534	65.991	0	34.009	23.57453	10.43448	30.717	10
2076.93	2078.782	1434.282	75.49271	49.71711	74.56566	73.0082	65.69984	0	34.30016	6.45615	27.84401	30.50123	10
2076.935	2078.788	1434.288	78.73122	70.60319	78.27387	77.07488	54.02574	1.953769	44.02049	12.9723	31.04818	29.69522	10
2076.94	2078.793	1434.293	80.91907	80.13714	80.01674	77.12433	53.15435	2.068448	44.7772	23.8776	20.8996	29.84157	10
2076.945	2078.799	1434.299	84.10814	78.44119	83.25525	81.73488	50.24764	2.905032	46.84732	18.28189	28.56543	29.4231	10
2076.95	2078.805	1434.305	91.12904	106.9819	92.5258	94.50351	19.44675	17.16573	63.38753	46.40461	16.98292	27.25816	10
2076.955	2078.811	1434.311	92.36511	99.12865	92.46399	92.46399	30.2686	11.51288	58.21852	24.10386	34.11466	27.64368	10
2076.96	2078.817	1434.317	92.50108	75.11042	92.84718	94.62712	34.04001	11.14957	54.81042	34.18497	20.62545	27.653	10
2076.965	2078.822	1434.322	88.53328	49.68655	88.45912	88.24898	47.10001	5.275138	47.62485	30.18843	17.43642	29.38795	10
2076.97	2078.828	1434.328	85.94989	42.87222	86.06114	86.55556	49.68886	4.239181	46.07196	23.04898	23.02298	29.59271	10
2076.975	2078.834	1434.334	80.58533	46.30995	80.90671	81.05504	52.1638	2.820732	45.01547	18.70198	26.31349	29.72722	10
2076.98	2078.84	1434.34	82.88443	46.9211	82.88443	82.26639	52.39142	2.86153	44.74705	26.39254	18.3545	29.9935	10
2076.985	2078.845	1434.345	88.74341	52.98677	89.06479	89.52214	43.04257	7.147009	49.81042	26.19601	23.6144	28.7567	10
2076.99	2078.851	1434.351	91.41333	91.4587	91.6111	92.20442	32.234	10.84103	56.92497	36.81102	20.11395	27.6426	10
2076.995	2078.857	1434.357	88.92883	130.007	89.2502	89.08951	24.23309	12.45364	63.31327	46.04694	17.26633	27.29169	10
2077	2078.863	1434.363	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2077.31	2079.217	1434.717	151.7831	187.8525	152.9203	152.8338	0	100	0	0	0	-9999	10
2077.315	2079.221	1434.721	148.9773	205.8203	149.5706	147.1973	0	100	0	0	0	-9999	10
2077.32	2079.226	1434.726	149.1998	176.1642	149.7683	149.9043	0	100	0	0	0	-9999	10
2077.325	2079.23	1434.73	149.0885	162.7953	148.8166	145.9118	0	100	0	0	0	-9999	10
2077.33	2079.235	1434.735	148.9773	183.8189	149.7683	145.9118	0	100	0	0	0	-9999	10
2077.335	2079.239	1434.739	149.0761	195.9196	149.4593	152.0674	0	100	0	0	0	-9999	10
2077.34	2079.244	1434.744	150.3246	220.7324	151.128	150.4235	0	100	0	0	0	-9999	10
2077.345	2079.248	1434.748	148.557	203.9868	148.7548	149.5953	0	100	0	0	0	-9999	10
2077.35	2079.253	1434.753	151.709	207.1954	151.573	152.7967	0	100	0	0	0	-9999	10
2077.355	2079.257	1434.757	152.191	190.8318	152.7473	154.7621	0	100	0	0	0	-9999	10
2077.36	2079.262	1434.762	153.4518	151.1529	153.4889	153.6496	0	100	0	0	0	-9999	10
2077.365	2079.266	1434.766	154.0204	138.777	154.5025	155.5161	0	100	0	0	0	-9999	10
2077.37	2079.271	1434.771	152.4259	158.6242	152.2405	149.3357	0	100	0	0	0	-9999	10
2077.375	2079.275	1434.775	151.437	193.6584	151.9438	150.8314	0	100	0	0	0	-9999	10
2077.38	2079.279	1434.779	152.6855	142.6884	153.0439	153.4024	0	100	0	0	0	-9999	10
2077.385	2079.284	1434.784	151.7461	167.0275	152.1292	151.8079	0	100	0	0	0	-9999	10
2077.39	2079.288	1434.788	149.6571	147.0429	149.9538	149.5953	0	100	0	0	0	-9999	10
2077.395	2079.293	1434.793	150.4976	139.7396	150.2875	150.2751	0	100	0	0	0	-9999	10
2077.4	2079.297	1434.797	148.0008	139.8618	147.7783	148.0502	0	100	0	0	0	-9999	10
2077.405	2079.302	1434.802	148.4457	148.0054	148.6559	147.7412	0	100	0	0	0	-9999	10
2077.41	2079.306	1434.806	146.9995	142.5356	147.0984	146.5669	0	100	0	0	0	-9999	10
2077.415	2079.311	1434.811	148.3345	142.6426	148.5075	149.2616	0	100	0	0	0	-9999	10
2077.42	2079.315	1434.815	148.1614	149.9153	148.693	149.6695	0	100	0	0	0	-9999	10
2077.425	2079.32	1434.82	149.2492	154.7739	149.6571	150.9303	0	100	0	0	0	-9999	10
2077.43	2079.324	1434.824	148.8166	149.7778	149.3481	149.2616	0	100	0	0	0	-9999	10
2077.435	2079.329	1434.829	147.6299	156.7143	148.2974	150.8314	0	100	0	0	0	-9999	10
2077.44	2079.333	1434.833	147.185	153.4905	147.5311	146.5669	0	100	0	0	0	-9999	10
2077.445	2079.338	1434.838	146.9501	171.3055	147.5681	148.7548	0	100	0	0	0	-9999	10

2077.45	2079.342	1434.842	144.3173	182.948	145.1083	146.2332	0	100	0	0	0	-9999	10
2077.455	2079.346	1434.846	143.9464	176.5767	144.2431	146.5669	0	100	0	0	0	-9999	10
2077.46	2079.351	1434.851	144.3296	169.8388	144.6757	145.2567	0	100	0	0	0	-9999	10
2077.465	2079.355	1434.855	142.1171	145.1025	142.08	140.9181	0	100	0	0	0	-9999	10
2077.47	2079.36	1434.86	141.635	166.3247	141.9687	143.2913	0	100	0	0	0	-9999	10
2077.475	2079.364	1434.864	139.7932	157.4324	139.8921	142.5126	0	100	0	0	0	-9999	10
2077.48	2079.369	1434.869	137.9762	152.9252	138.1245	137.3705	0	100	0	0	0	-9999	10
2077.485	2079.373	1434.873	133.9961	131.4432	133.9219	133.5758	0	97.20648	2.793518	2.793518	0	-9999	10
2077.49	2079.378	1434.878	132.8218	110.0835	133.1184	133.5016	0	100	0	0	0	-9999	10
2077.495	2079.382	1434.882	129.7934	94.68252	130.1024	129.1259	0	88.11431	11.88569	11.88569	0	-9999	10
2077.5	2079.387	1434.887	129.7316	54.22435	129.8552	130.807	6.56668	79.46065	13.97267	7.897832	6.074835	-9999	10
2077.505	2079.391	1434.891	131.3879	60.36641	131.7464	132.1914	1.736352	94.88939	3.374259	3.374259	0	-9999	10
2077.51	2079.396	1434.896	134.3051	81.34416	134.577	134.2062	0	100	0	0	0	-9999	10
2077.515	2079.4	1434.9	136.3075	108.5709	136.4311	138.1493	0	100	0	0	0	-9999	10
2077.52	2079.405	1434.905	134.2927	81.0997	134.577	135.6771	0	100	0	0	0	-9999	10
2077.525	2079.409	1434.909	132.0925	73.35336	132.4015	132.9083	0	97.60492	2.395082	2.395082	0	-9999	10
2077.53	2079.413	1434.913	131.6475	72.13106	131.9442	132.488	0	94.89164	5.108358	5.108358	0	-9999	10
2077.535	2079.418	1434.918	132.179	67.2113	132.6611	132.4633	0	100	0	0	0	-9999	10
2077.54	2079.422	1434.922	131.87	79.32736	132.0801	132.9825	0	93.53645	6.463553	6.463553	0	-9999	10
2077.545	2079.427	1434.927	130.5474	76.1341	130.7328	130.8193	0.034998	86.38276	13.58225	13.58225	0	-9999	10
2077.55	2079.431	1434.931	129.0765	74.77429	129.2743	129.9417	1.621529	80.32678	18.05169	18.05169	0	-9999	10
2077.555	2079.436	1434.936	128.6933	75.95075	129.0765	129.5462	0.252418	84.206	15.54158	15.54158	0	-9999	10
2077.56	2079.44	1434.94	125.4177	80.74829	125.9121	127.8157	1.2428	74.1355	24.6217	24.6217	0	-9999	10
2077.565	2079.445	1434.945	125.9863	87.71541	126.5549	128.7551	0	78.71962	21.28038	21.28038	0	-9999	10
2077.57	2079.449	1434.949	126.147	85.46943	126.5796	124.9727	0	75.70932	24.29068	24.29068	0	-9999	10
2077.575	2079.454	1434.954	126.8145	79.03707	127.2471	127.9764	0.850873	77.9202	21.22893	21.22893	0	-9999	10
2077.58	2079.458	1434.958	123.8355	74.86596	124.0209	125.3559	6.516814	60.85497	32.62821	26.95124	5.676977	-9999	10
2077.585	2079.463	1434.963	122.4017	82.50535	122.5624	123.4276	6.178812	56.436	37.38519	37.31064	0.074551	-9999	10
2077.59	2079.467	1434.967	121.6724	73.53671	121.8084	121.4252	9.211754	53.22134	37.5669	18.58161	18.9853	23.75221	10
2077.595	2079.472	1434.972	120.2633	71.10739	120.2262	122.8838	12.43718	45.97513	41.58768	33.49518	8.092502	23.9409	10
2077.6	2079.476	1434.976	118.8294	77.53975	119.2991	121.0296	8.272067	51.95465	39.77328	26.09334	13.67994	23.93365	10
2077.605	2079.48	1434.98	116.4315	74.82013	116.9135	118.4463	11.04056	45.78428	43.17516	30.34242	12.83274	24.63976	10
2077.61	2079.485	1434.985	116.4438	81.13026	116.5056	116.0606	12.75919	39.63654	47.60427	39.43496	8.169307	25.58601	10
2077.615	2079.489	1434.989	115.2695	89.31968	115.3684	113.502	11.57029	38.32943	50.10028	39.69327	10.40701	26.19471	10
2077.62	2079.494	1434.994	115.0594	121.6954	115.5044	114.4537	1.246415	45.16827	53.58532	53.58532	0	-9999	10
2077.625	2079.498	1434.998	110.4736	131.6877	111.0669	111.9816	1.897691	38.38227	59.72003	59.72003	0	-9999	10
2077.63	2079.503	1435.003	112.476	63.94164	112.9828	112.9086	17.12056	36.62714	46.2523	18.08926	28.16303	25.78136	10
2077.635	2079.507	1435.007	113.5638	57.73846	113.7245	114.9358	20.30329	33.73795	45.95877	28.97195	16.98681	25.651	10
2077.64	2079.512	1435.012	115.0965	60.99284	115.455	117.5563	16.57288	39.87499	43.55213	23.72987	19.82226	24.87616	10
2077.645	2079.516	1435.016	116.5551	89.45719	117.1607	116.9259	6.426719	49.05424	44.51904	44.51904	0	-9999	10
2077.65	2079.521	1435.021	117.7046	100.7788	118.0136	119.6082	4.928411	47.82559	47.246	47.246	0	-9999	10
2077.655	2079.525	1435.025	119.398	107.4097	120.1644	121.5735	0	61.04668	38.95332	38.95332	0	-9999	10
2077.66	2079.53	1435.03	120.597	95.18672	120.8937	122.5377	3.71646	54.83674	41.44681	41.44681	0	-9999	10
2077.665	2079.534	1435.034	121.178	95.75204	121.7218	122.3028	1.129262	61.49619	37.37455	37.37455	0	-9999	10
2077.67	2079.539	1435.039	122.377	84.65965	122.3646	122.8096	7.021353	52.88644	40.0922	37.70049	2.39171	-9999	10
2077.675	2079.543	1435.043	122.4511	93.46022	122.6365	124.3176	3.290653	57.84312	38.86623	38.86623	0	-9999	10
2077.68	2079.547	1435.047	121.1903	98.33415	121.4128	120.6959	2.983707	55.27116	41.74513	41.74513	0	-9999	10
2077.685	2079.552	1435.052	120.6835	104.7512	121.0544	123.0321	0.747472	57.17191	42.08062	42.08062	0	-9999	10
2077.69	2079.556	1435.056	120.1768	89.47246	120.3374	120.3374	6.539706	50.70866	42.75163	42.75163	0	-9999	10
2077.695	2079.561	1435.061	118.6811	95.66037	118.9283	118.4463	5.747661	48.84663	45.40571	45.40571	0	-9999	10
2077.7	2079.565	1435.065	118.6069	94.78948	119.1137	120.4858	4.014939	53.16993	42.81514	42.81514	0	-9999	10
2077.705	2079.57	1435.07	117.6057	88.84603	118.1125	118.7553	6.374373	50.09432	43.5313	31.38074	12.15057	-9999	10
2077.71	2079.574	1435.074	121.0544	80.82468	121.623	123.3905	4.66381	60.59639	34.7398	34.7398	0	-9999	10
2077.715	2079.579	1435.079	122.5377	98.18136	122.5995	123.0321	3.026491	55.80527	41.16824	41.16824	0	-9999	10
2077.72	2079.583	1435.083	121.9691	119.4494	121.9073	121.3016	0	53.1125	46.8875	46.8875	0	-9999	10
2077.725	2079.588	1435.088	121.5117	110.3585	121.8702	119.4722	0	59.75539	40.24461	40.24461	0	-9999	10
2077.73	2079.592	1435.092	120.3498	115.6297	120.6835	120.3374	0	56.23352	43.76648	43.76648	0	-9999	10
2077.735	2079.597	1435.097	120.5105	125.7443	120.8937	121.4994	0	58.32766	41.67234	41.67234	0	-9999	10
2077.74	2079.601	1435.101	120.6959	142.9329	121.623	123.0321	0	70.80183	29.19817	29.19817	0	-9999	10
2077.745	2079.605	1435.105	119.0519	139.0368	119.1385	119.1261	0	49.85595	50.14405	50.14405	0	-9999	10
2077.75	2079.61	1435.11	118.6317	122.3218	119.089	121.5117	0	54.22023	45.77977	45.77977	0	-9999	10
2077.755	2079.614	1435.114	118.0383	129.8237	118.335	120.288	0	50.40036	49.59964	49.59964	0	-9999	10
2077.76	2079.619	1435.119	117.0248	101.6802	117.2225	117.7664	6.197875	44.45016	49.35197	41.95284	7.399125	-9999	10
2077.765	2079.623	1435.123	116.9135	80.70245	117.0618	115.0471	11.76002	41.98985	46.25013	40.4655	5.78463	25.64975	10
2077.77	2079.628	1435.128	117.4327	82.70397	117.8035	117.7417	9.073711	46.96732	43.95897	38.18202	5.776945	24.92418	10
2077.775	2079.632	1435.132	118.5699	104.1554	118.9654	119.6576	2.644671	51.73907	45.61626	45.61626	0	-9999	10
2077.78	2079.637	1435.137	118.8789	112.5128	119.1137	120.4734	1.583207	50.26589	48.15091	48.15091	0	-9999	10
2077.785	2079.641	1435.141	116.4685	103.2692	117.0495	118.4215	3.355408	49.37108	47.27351	47.27351	0	-9999	10
2077.79	2079.646	1435.146	115.183	112.4517	115.9617	116.8023	0.783177	49.83118	49.38564	49.38564	0	-9999	10
2077.795	2079.65	1435.15	115.2325	140.2744	115.5291	115.8134	0	44.60838	55.39162	55.39162	0	-9999	10
2077.8	2079.655	1435.155	111.4377	264.1699	114.2807	116.9012	0	78.77747	21.22253	21.22253	0	-9999	10
2077.805	2079.659	1435.159	104.7753	338.5317	107.2227	115.6651	0	60.35832	39.64168	39.64168	0	-9999	10
2077.81	2079.664	1435.164	103.6505	193.2459	104.4415	104.9854	0	33.3739	66.6261	66.6261	0	-9999	10

2077.815	2079.668	1435.168	114.7875	114.606	115.455	117.136	1.487896	47.34693	51.16517	51.16517	0	-9999	10
2077.82	2079.672	1435.172	115.7145	121.9398	116.3326	117.7911	0	49.33771	50.66229	50.66229	0	-9999	10
2077.825	2079.677	1435.177	116.5674	129.564	116.9259	117.5192	0	47.84307	52.15693	52.15693	0	-9999	10
2077.83	2079.681	1435.181	117.717	128.0361	118.1125	118.1867	0	51.15054	48.84946	48.84946	0	-9999	10
2077.835	2079.686	1435.186	117.7046	126.3401	118.2608	117.5563	0	53.72166	46.27834	46.27834	0	-9999	10
2077.84	2079.69	1435.19	118.4339	125.5151	118.6193	120.6217	0	49.17305	50.82695	50.82695	0	-9999	10
2077.845	2079.695	1435.195	118.3968	136.1033	119.0643	120.3251	0	58.21432	41.78568	41.78568	0	-9999	10
2077.85	2079.699	1435.199	120.2386	146.6303	120.8442	122.0432	0	63.23016	36.76984	36.76984	0	-9999	10
2077.855	2079.704	1435.204	120.7083	163.3606	121.1656	121.4994	0	62.89461	37.10539	37.10539	0	-9999	10
2077.86	2079.708	1435.208	120.597	143.8343	120.6835	121.4623	0	54.07283	45.92717	45.92717	0	-9999	10
2077.865	2079.713	1435.213	118.471	118.8383	118.4092	119.2373	2.726825	44.55876	52.71442	52.71442	0	-9999	10
2077.87	2079.717	1435.217	118.2732	123.0552	118.8542	120.5847	0	55.46593	44.53407	44.53407	0	-9999	10
2077.875	2079.722	1435.222	116.963	140.3508	117.2967	117.6799	0	49.11176	50.88824	50.88824	0	-9999	10
2077.88	2079.726	1435.226	114.4043	134.2851	114.3672	113.5638	2.538446	37.75203	59.70953	59.70953	0	-9999	10
2077.885	2079.731	1435.231	113.5885	128.0514	113.6997	111.0545	3.648006	37.86189	58.4901	58.4901	0	-9999	10
2077.89	2079.735	1435.235	112.476	98.57861	113.0446	114.4785	8.259439	39.77216	51.9684	51.9684	0	25.95017	10
2077.895	2079.739	1435.239	114.5897	74.54511	114.9605	115.5291	13.66369	39.87274	46.46357	37.97258	8.490991	25.41041	10
2077.9	2079.744	1435.244	115.9741	84.49159	116.2584	117.2349	10.65356	42.2829	47.06354	34.88102	12.18251	25.24251	10
2077.905	2079.748	1435.248	117.2349	113.7504	117.5686	119.8554	2.029806	47.96839	50.0018	50.0018	0	-9999	10
2077.91	2079.753	1435.253	116.9382	114.4074	116.9753	117.4079	4.442836	42.54423	53.01294	53.01294	0	-9999	10
2077.915	2079.757	1435.257	115.5044	107.8375	115.6774	115.9865	6.29813	41.15976	52.54211	52.54211	0	-9999	10
2077.92	2079.762	1435.262	115.7887	109.4571	115.9123	116.518	6.027828	41.12142	52.85075	43.42259	9.428157	-9999	10
2077.925	2079.766	1435.266	114.9852	110.6794	115.1336	112.5131	6.279612	39.91932	53.80106	51.48669	2.314378	-9999	10
2077.93	2079.771	1435.271	114.0087	123.1316	114.4785	115.6898	1.673871	43.31173	55.0144	55.0144	0	-9999	10
2077.935	2079.775	1435.275	112.1917	133.1086	112.3648	112.5873	3.23019	36.47274	60.29707	60.29707	0	-9999	10
2077.94	2079.78	1435.28	111.277	133.6128	111.6602	108.0756	2.321166	37.47122	60.20762	60.20762	0	-9999	10
2077.945	2079.784	1435.284	111.1534	114.6824	111.4254	109.6825	7.878201	34.62334	57.49846	42.42971	15.06876	-9999	10
2077.95	2079.789	1435.289	110.35	126.7832	110.523	109.0027	6.455348	32.92374	60.62092	48.52585	12.09506	-9999	10
2077.955	2079.793	1435.293	109.9544	126.2179	110.2634	108.5577	5.902302	33.79387	60.30383	57.94555	2.358283	-9999	10
2077.96	2079.798	1435.298	108.1498	128.9375	108.2734	109.1881	8.341382	29.18742	62.4712	56.64848	5.82272	27.29975	10
2077.965	2079.802	1435.302	108.3846	137.5242	108.6689	108.8296	4.801999	31.78526	63.41274	63.41274	0	-9999	10
2077.97	2079.806	1435.306	110.1398	154.2697	110.2882	109.6083	0.188527	34.15894	65.65253	65.65253	0	-9999	10
2077.975	2079.811	1435.311	109.8432	188.158	110.2016	108.1498	0	38.3505	61.6495	61.6495	0	-9999	10
2077.98	2079.815	1435.315	111.2152	186.9816	111.5737	112.1794	0	40.66056	59.33944	59.33944	0	-9999	10
2077.985	2079.82	1435.32	112.3648	186.9663	112.7603	113.1806	0	43.26934	56.73066	56.73066	0	-9999	10
2077.99	2079.824	1435.324	112.0928	237.2793	111.4748	114.0211	0	33.57262	66.42738	66.42738	0	-9999	10
2077.995	2079.829	1435.329	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2078.3	2080.101	1435.601	129.299	167.8525	128.236	129.2743	0	51.16426	48.83574	48.83574	0	-9999	9
2078.305	2080.106	1435.606	128.3966	176.3934	127.964	125.4795	0	66.74272	33.25728	33.25728	0	-9999	9
2078.31	2080.11	1435.61	123.6254	169.9763	122.2781	117.7293	0	33.55128	66.44872	66.44872	0	-9999	9
2078.315	2080.115	1435.615	122.0061	122.4899	120.9431	118.2856	6.350225	33.48632	60.16345	54.71597	5.447487	-9999	9
2078.32	2080.119	1435.619	122.7231	160.2896	120.906	119.3486	2.386672	22.36201	75.25131	75.25131	0	-9999	9
2078.325	2080.124	1435.624	119.9419	96.62293	119.089	116.6169	12.8806	32.18115	54.93824	31.34104	23.59721	26.65267	9
2078.33	2080.128	1435.628	122.0309	99.99954	121.3757	119.2621	8.608888	40.01853	51.37258	39.60941	11.76317	25.87054	9
2078.335	2080.132	1435.632	120.9802	117.4784	119.9913	117.4821	7.932084	32.85721	59.2107	44.39641	14.81429	-9999	9
2078.34	2080.137	1435.637	122.0556	170.3277	120.4116	117.5563	0	25.6551	74.3449	74.3449	0	-9999	9
2078.345	2080.141	1435.641	123.4523	174.9266	122.7107	114.4167	0	46.27723	53.72277	53.72277	0	-9999	9
2078.35	2080.146	1435.646	124.0333	187.3941	122.4758	121.1162	0	30.91963	69.08037	69.08037	0	-9999	9
2078.355	2080.15	1435.65	120.6217	180.5186	118.78	117.581	0	21.34745	78.65255	78.65255	0	-9999	9
2078.36	2080.155	1435.655	122.6489	208.4177	122.7601	131.6722	0	64.61489	35.38511	35.38511	0	-9999	9
2078.365	2080.159	1435.659	123.7614	148.9833	123.2299	126.592	0	49.73648	50.26352	50.26352	0	-9999	9
2078.37	2080.164	1435.664	120.0779	124.522	118.6069	114.2312	10.79373	23.45289	65.75337	56.05002	9.703356	28.32143	9
2078.375	2080.168	1435.668	121.8702	107.6695	121.8084	120.733	2.302405	52.05571	45.64189	45.64189	0	-9999	9
2078.38	2080.173	1435.673	122.4882	159.2048	122.5747	122.6242	0	60.30352	39.69648	39.69648	0	-9999	9
2078.385	2080.177	1435.677	122.5995	221.9241	122.995	127.6303	0	71.45363	28.54637	28.54637	0	-9999	9
2078.39	2080.182	1435.682	119.6576	309.9298	119.7318	113.6997	0	62.65566	37.34434	37.34434	0	-9999	2
2078.395	2080.186	1435.686	114.6886	335.7509	111.2523	97.49481	0	7.573361	92.42664	92.42664	0	-9999	2
2078.4	2080.191	1435.691	112.4142	246.0034	108.8049	100.1771	5.018425	0.438705	94.54287	88.93504	5.607827	-9999	2
2078.405	2080.195	1435.695	108.6566	112.2225	107.3463	101.6727	23.03246	14.16935	62.79819	33.47579	29.32241	28.91159	2
2078.41	2080.199	1435.699	106.0114	100.4273	104.6888	102.5751	28.41627	11.45865	60.12508	35.25612	24.86896	28.42921	2
2078.415	2080.204	1435.704	102.8717	85.45415	101.5862	99.59614	34.64085	8.879044	56.4801	31.43778	25.04232	28.75427	2
2078.42	2080.208	1435.708	101.1041	80.32048	99.65794	97.75439	38.75472	6.512276	54.733	20.28664	34.44636	29.11765	2
2078.425	2080.213	1435.713	99.25004	75.06459	97.6555	94.44171	42.88198	4.450624	52.6674	30.52632	22.14108	29.79447	2
2078.43	2080.217	1435.717	99.08935	79.92323	97.77911	94.44171	39.65072	6.440366	53.90891	26.06666	27.84225	29.3568	2
2078.435	2080.222	1435.722	97.28468	67.33353	96.81497	94.6642	37.84362	9.591791	52.56459	29.29986	23.26474	28.82967	2
2078.44	2080.226	1435.726	97.06219	51.8867	96.25874	95.52946	44.37293	6.503359	49.12371	20.10079	29.02292	29.43193	2
2078.445	2080.231	1435.731	95.91264	68.05163	94.63948	91.38861	45.15883	4.503614	50.33755	23.35727	26.98029	29.9036	2
2078.45	2080.235	1435.735	95.72723	83.48319	94.59004	93.42813	40.54122	6.176572	53.28221	25.38191	27.9003	28.83754	2
2078.455	2080.24	1435.74	96.43179	106.3555	94.55296	92.90898	40.10566	4.106801	55.78754	31.15409	24.63345	28.84031	2
2078.46	2080.244	1435.744	94.86198	89.36551	93.11911	89.90532	44.60772	3.24236	52.14992	28.33598	23.81395	29.63281	2
2078.465	2080.249	1435.749	94.13269	101.6496	92.8719	92.05609	38.56987	6.156857	55.27328	36.89553	18.37775	28.37041	2
2078.47	2080.253	1435.753	94.47879	124.7206	92.61232	91.31445	37.36228	4.946172	57.69155	27.86888	29.82267	28.23338	2
2078.475	2080.258	1435.758	95.10919	115.0033	94.1945	91.31445	31.75763	9.171787	59.07058	37.22491	21.84567	28.24384	2

2078.48	2080.262	1435.762	92.66177	108.6779	91.74707	89.9424	35.54001	7.661084	56.79891	31.18148	25.61743	28.17076	2
2078.485	2080.266	1435.766	91.67291	96.53126	90.7953	88.89174	39.10185	6.598852	54.29929	32.12639	22.17291	28.50233	2
2078.49	2080.271	1435.771	90.39975	85.74445	89.58394	87.69275	42.40459	5.621949	51.97346	34.09781	17.87565	28.84096	2
2078.495	2080.275	1435.775	90.59752	64.43056	90.2267	82.30347	43.93195	6.100128	49.96792	19.90115	30.06677	30.33915	2
2078.5	2080.28	1435.78	93.20564	65.95844	91.96956	90.43683	47.86844	3.529897	48.60167	28.55461	20.04706	29.81837	2
2078.505	2080.284	1435.784	94.82489	76.80637	92.88426	90.43683	49.21388	1.436369	49.34975	16.8697	32.48005	30.25751	2
2078.51	2080.289	1435.789	97.07455	53.97989	96.58012	95.55418	41.46011	8.412035	50.12785	25.79177	24.33608	29.06794	2
2078.515	2080.293	1435.793	97.13635	99.46478	96.29582	95.2328	33.07819	9.545654	57.37616	28.98787	28.38829	28.14547	2
2078.52	2080.298	1435.798	95.59126	66.05011	95.22044	94.82489	38.94578	8.975077	52.07914	33.9268	18.15234	28.57166	2
2078.525	2080.302	1435.802	95.70251	108.2042	94.21922	90.56044	37.26375	6.053452	56.6828	28.09723	28.58557	28.85353	2
2078.53	2080.307	1435.807	95.15863	104.7818	92.81009	90.82002	45.29804	1.436724	53.26524	18.22139	35.04384	29.43552	2
2078.535	2080.311	1435.811	94.9485	134.9574	92.68649	91.59874	37.51831	3.856883	58.62481	26.06941	32.5554	28.18629	2
2078.54	2080.316	1435.816	98.9163	312.2063	93.05731	89.85588	18.85022	0	81.14978	43.49577	37.65401	24.23614	2
2078.545	2080.32	1435.82	94.46643	127.2569	92.56288	89.78172	37.04726	4.940249	58.0125	37.37774	20.63476	28.46304	2
2078.55	2080.325	1435.825	91.28972	117.616	89.5345	83.57663	41.15338	4.247121	54.5995	29.94212	24.65738	29.20951	2
2078.555	2080.329	1435.829	90.511	99.96898	89.38617	87.56914	41.25479	5.377981	53.36722	31.13834	22.22888	28.57547	2
2078.56	2080.333	1435.833	90.01657	81.8942	89.21312	88.69397	43.59308	5.262476	51.14445	25.91644	25.228	28.73127	2
2078.565	2080.338	1435.838	91.78415	100.6412	90.49864	90.94362	41.16615	5.1757	53.65815	18.52843	35.12972	28.22956	2
2078.57	2080.342	1435.842	92.72357	107.6084	90.80766	89.4727	43.50142	3.197723	53.30086	36.7473	16.55355	28.82314	7
2078.575	2080.347	1435.847	91.05487	74.59094	89.55922	89.37381	49.76979	2.334994	47.89522	31.69311	16.20211	29.62725	7
2078.58	2080.351	1435.851	92.71121	74.16314	91.70999	91.67291	44.51766	4.961688	50.52065	18.31835	32.20231	28.97995	7
2078.585	2080.356	1435.856	92.84718	80.76357	93.1562	95.0103	32.64092	11.59735	55.76173	40.03782	15.72391	27.5159	7
2078.59	2080.36	1435.86	89.55922	120.0453	90.14018	90.86946	24.05216	13.22825	62.71959	35.58681	27.13278	27.22988	7
2078.595	2080.365	1435.865	84.61493	88.63213	83.95981	83.0204	45.78246	4.338066	49.87948	26.1753	23.70417	28.64339	7
2078.6	2080.369	1435.869	83.84856	81.35944	82.98331	80.26395	49.87603	2.993699	47.13027	33.31992	13.81035	29.5186	7
2078.605	2080.374	1435.874	85.14644	90.03778	84.26883	83.27997	46.67762	3.91001	49.41237	27.05101	22.36136	28.76033	7
2078.61	2080.378	1435.878	85.23297	82.12338	83.78676	81.32698	52.91991	1.654412	45.42568	29.30994	16.11574	29.98539	7
2078.615	2080.383	1435.883	83.10692	79.57182	82.30347	80.90671	50.51197	2.846269	46.64176	31.17156	15.4702	29.33957	7
2078.62	2080.387	1435.887	85.97461	73.73533	85.851	85.66559	44.01736	5.54078	50.44186	16.44431	33.99754	28.61031	7
2078.625	2080.392	1435.892	89.64575	167.5317	88.50856	88.59509	25.79644	9.61033	64.59323	39.18224	25.41098	26.83058	7
2078.63	2080.396	1435.896	86.91403	174.2085	85.851	82.32819	26.11906	9.505016	64.37592	31.84186	32.53406	27.2252	4
2078.635	2080.4	1435.9	83.97217	99.55645	82.52597	78.95371	49.86103	2.579983	47.55898	28.86528	18.69371	29.38679	4
2078.64	2080.405	1435.905	85.17116	128.8306	83.99689	77.74236	39.56612	5.621072	54.81281	23.86467	30.94814	28.52693	4
2078.645	2080.409	1435.909	85.71503	153.3836	83.56427	78.06374	40.69179	4.417043	54.89116	38.17476	16.7164	28.12592	4
2078.65	2080.414	1435.914	83.4283	138.0589	81.4753	79.16385	44.97141	3.69061	51.33798	33.21525	18.12272	27.92605	4
2078.655	2080.418	1435.918	83.55191	114.8505	82.09334	81.42586	46.64231	3.497662	49.86002	17.76659	32.09343	28.19015	4
2078.66	2080.423	1435.923	83.46538	141.6953	80.80782	75.72756	49.51766	2.06925	48.41309	28.51965	19.89344	28.85877	4
2078.665	2080.427	1435.927	84.99811	207.4551	80.7831	75.70284	44.26392	2.327107	53.40897	35.86813	17.54085	27.3376	4
2078.67	2080.432	1435.932	86.43196	272.3899	80.80782	77.54459	38.15128	2.627455	59.22127	21.69324	37.52802	25.6816	4
2078.675	2080.436	1435.936	85.03519	217.0043	80.69658	73.76221	42.87685	2.643119	54.48003	35.25322	19.22681	27.40538	4
2078.68	2080.441	1435.941	85.02283	248.4786	80.57297	72.93404	36.13361	4.482414	59.38397	30.78731	28.59667	26.62765	4
2078.685	2080.445	1435.945	83.53955	212.6193	79.3987	73.08237	43.78129	3.114263	53.10445	32.18429	20.92016	27.24137	4
2078.69	2080.45	1435.95	84.15758	127.486	81.38878	78.27387	53.18163	0.828234	45.99013	22.7465	23.24363	29.3053	4
2078.695	2080.454	1435.954	85.23297	127.4708	82.17987	79.76952	54.39928	0.039336	45.56139	19.187	26.37439	29.47683	4
2078.7	2080.459	1435.959	82.09334	67.15018	81.30225	81.27753	54.3547	1.770297	43.875	15.32541	28.54959	29.7834	4
2078.705	2080.463	1435.963	80.35048	71.8866	79.3369	78.3604	56.53625	1.110493	42.35326	15.10728	27.24598	30.10722	4
2078.71	2080.467	1435.967	79.59647	50.00741	79.683	80.39992	53.99888	2.116393	43.88472	17.91089	25.97383	29.75866	4
2078.715	2080.472	1435.972	81.40114	56.04252	80.67186	78.0761	57.20061	1.002283	41.79711	23.8456	17.95151	30.87585	4
2078.72	2080.476	1435.976	82.85971	95.81315	80.86963	79.55939	56.00539	0.675393	43.31922	29.19185	14.12737	29.84194	4
2078.725	2080.481	1435.981	81.71016	74.01035	80.36284	79.81897	57.35788	0.694571	41.94755	12.78291	29.16464	30.22437	4
2078.73	2080.485	1435.985	80.86963	74.8354	79.79424	79.7448	55.824	1.26798	42.90802	25.22564	17.68238	29.80128	4
2078.735	2080.49	1435.99	82.29111	72.57415	81.22809	79.00316	54.96766	1.458871	43.57347	30.61196	12.96151	30.20468	4
2078.74	2080.494	1435.994	81.68544	55.62999	80.52353	78.58289	60.39173	0	39.60827	16.9361	22.67216	31.26167	4
2078.745	2080.499	1435.999	82.58777	62.4596	81.92029	81.3517	54.07699	1.924711	43.9983	29.4741	14.52419	29.95127	4
2078.75	2080.503	1436.003	84.56549	65.02644	84.29355	84.36772	48.57086	3.907886	47.52125	28.40461	19.11664	29.13054	4
2078.755	2080.508	1436.008	85.36893	70.77125	84.19466	82.74846	53.43453	1.751011	44.81446	21.90574	22.90872	30.06052	4
2078.76	2080.512	1436.012	86.4814	81.58862	86.08586	84.56549	43.75813	5.36047	50.8814	18.40031	32.48109	28.74712	4
2078.765	2080.517	1436.017	88.86702	131.6419	87.43318	84.50368	37.49731	5.860982	56.64171	22.21518	34.42654	28.0149	4
2078.77	2080.521	1436.021	91.33917	134.8962	90.10309	87.81636	32.90264	7.552566	59.54479	40.31343	19.23136	27.80864	4
2078.775	2080.525	1436.025	91.87068	167.8831	89.16368	85.90045	35.83052	3.904463	60.26502	31.18505	29.07997	27.84919	4
2078.78	2080.53	1436.03	95.14627	227.073	91.265	84.88687	27.59359	2.678267	69.72814	43.84245	25.88569	28.04713	4
2078.785	2080.534	1436.034	90.78293	116.3784	88.28607	85.39366	47.66686	1.190342	51.1428	30.95627	20.18653	29.34927	4
2078.79	2080.539	1436.039	92.68649	155.6601	90.02893	86.09822	37.65476	3.307569	59.03767	31.51077	27.5269	28.30555	4
2078.795	2080.543	1436.043	89.90532	109.7779	88.4962	86.60501	41.64155	4.744962	53.61349	21.35467	32.25882	28.47566	4
2078.8	2080.548	1436.048	89.43562	90.32808	88.47148	86.28363	43.3319	4.99276	51.67534	24.80089	26.87445	28.88349	4
2078.805	2080.552	1436.052	88.24898	71.85605	87.61859	87.13652	46.30735	4.562663	49.12999	18.29209	30.8379	29.05157	4
2078.81	2080.557	1436.057	88.52092	84.39991	87.89052	87.81636	43.02155	5.514954	51.46349	34.51441	16.94909	28.47664	4
2078.815	2080.561	1436.061	86.67917	86.43199	85.91281	85.05992	45.27795	4.504822	50.21723	25.80673	24.4105	28.72533	4
2078.82	2080.566	1436.066	86.72861	123.9108	86.5432	79.38634	31.66019	9.041479	59.29833	28.54716	30.75117	28.53951	4
2078.825	2080.57	1436.07	86.20946	112.1462	85.70267	82.62485	37.47555	6.94524	55.57921	23.76015	31.81907	28.12502	4
2078.83	2080.575	1436.075	84.35535	82.88732	83.76204	80.49881	46.93254	4.054987	49.01248	24.88557	24.12691	29.26846	4
2078.835	2080.579	1436.079	82.40236	89.5183	81.4135	79.06496	50.19005	2.827138	46.98281	16.00425	30.97856	29.25771	4
2078.84	2080.584	1436.084	80.94379	74.74373	80.15271	77.79181	53.57465	1.990303	44.43505	30.3749	14.06015	29.88795	4

2078.845	2080.588	1436.088	81.14156	105.7138	80.18979	77.85361	47.14329	3.721751	49.13496	31.72067	17.41429	28.53497	4
2078.85	2080.592	1436.092	81.50003	115.0186	79.97966	77.28502	48.96835	2.988854	48.04279	26.1928	21.85	28.65617	4
2078.855	2080.597	1436.097	77.84125	68.23498	77.05016	76.08603	58.00411	0.840382	41.15551	26.10157	15.05394	30.24998	4
2078.86	2080.601	1436.101	78.83011	95.09505	78.61998	79.67064	46.09183	4.207352	49.70082	17.81362	31.8872	27.8637	4
2078.865	2080.606	1436.106	80.68422	103.0706	79.4605	77.44571	50.31121	2.771772	46.91701	19.52339	27.39362	28.848	4
2078.87	2080.61	1436.11	80.38756	78.56342	79.00316	76.48157	57.76021	0.676716	41.56307	26.79772	14.76535	30.47478	4
2078.875	2080.615	1436.115	83.66315	81.74141	82.68666	80.18979	50.81634	2.648951	46.53471	32.72611	13.8086	29.58151	4
2078.88	2080.619	1436.119	83.98453	64.88893	83.40358	82.43944	51.53351	2.758134	45.70836	27.52673	18.18163	29.68796	4
2078.885	2080.624	1436.124	84.24411	78.0745	84.13286	83.74968	44.46355	5.16193	50.37452	26.53094	23.84357	28.54732	4
2078.89	2080.628	1436.128	84.66437	116.8979	83.61371	80.82019	41.96213	5.062352	52.97552	22.35427	30.62125	28.20232	4
2078.895	2080.633	1436.133	85.30713	138.5326	85.22061	82.25403	28.66312	9.754044	61.58283	31.07587	30.50697	27.48976	4
2078.9	2080.637	1436.137	85.5049	126.7221	86.1353	87.18596	25.78316	11.43878	62.77806	37.25679	25.52126	26.96655	4
2078.905	2080.642	1436.142	84.86214	154.8198	83.87329	75.12189	32.1241	7.861165	60.01473	26.28011	33.73463	28.29557	4
2078.91	2080.646	1436.146	84.61493	158.4561	82.81026	79.00316	37.79406	5.638605	56.56734	20.29168	36.27566	27.46761	4
2078.915	2080.651	1436.151	83.86093	147.9443	84.15758	81.30225	24.74633	10.97406	64.27961	41.67112	22.60849	27.36447	4
2078.92	2080.655	1436.155	83.13164	86.12641	82.97095	81.93265	43.92164	5.134518	50.94384	29.41396	21.52988	28.43878	4
2078.925	2080.659	1436.159	80.44936	80.85524	80.26395	81.4753	47.85655	3.797045	48.3464	29.00237	19.34403	28.36156	4
2078.93	2080.664	1436.164	80.46172	82.58174	79.80661	79.7448	51.0676	2.737919	46.19448	33.006	13.18848	28.94481	4
2078.935	2080.668	1436.168	83.09456	120.8398	81.22809	78.95371	48.77493	2.719139	48.50594	29.05108	19.45486	28.58143	4
2078.94	2080.673	1436.173	81.24045	72.4672	80.49881	79.48523	53.46946	2.037412	44.49312	18.94005	25.55307	29.68284	4
2078.945	2080.677	1436.177	83.84856	112.4517	82.55069	79.84369	45.70455	3.847353	50.4481	34.2561	16.192	28.53063	4
2078.95	2080.682	1436.182	83.66315	94.16305	82.16751	83.4283	51.83372	2.018486	46.1478	14.08266	32.06513	28.82234	4
2078.955	2080.686	1436.186	86.92639	99.05225	85.91281	80.01674	43.91232	4.601844	51.48583	24.64043	26.8454	29.35732	4
2078.96	2080.691	1436.191	90.68405	113.8115	89.17604	84.59021	40.71535	4.835994	54.44865	19.96573	34.48292	28.90258	4
2078.965	2080.695	1436.195	89.60867	129.3806	88.10066	82.94623	37.93699	5.617113	56.44589	20.64779	35.7981	28.53561	4
2078.97	2080.7	1436.2	88.97827	122.3677	87.804	85.87572	37.62761	6.217497	56.15489	26.30066	29.85423	27.95628	4
2078.975	2080.704	1436.204	91.21556	160.2132	90.02893	85.17116	26.50648	9.426066	64.06745	38.24751	25.81994	27.91538	4
2078.98	2080.709	1436.209	94.82489	170.6486	93.8484	90.36267	19.032	12.48502	68.48298	53.55261	14.93037	27.96427	4
2078.985	2080.713	1436.213	93.34161	109.5488	92.45163	92.38983	34.51221	8.123121	57.36467	26.98208	30.38259	27.81119	4
2078.99	2080.718	1436.218	91.67291	112.4823	91.10431	88.32315	32.84681	9.014456	58.13873	37.01514	21.12359	28.11542	4
2078.995	2080.722	1436.222	91.82124	128.3111	91.24028	87.90288	28.97557	10.09868	60.92574	37.42278	23.50296	27.97146	4
2079	2080.726	1436.226	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2079.3	2080.994	1436.494	142.3766	420.2578	139.9786	140.8068	0	42.93729	57.06271	57.06271	0	-9999	-9999
2079.305	2080.999	1436.499	136.5424	276.4082	137.3953	133.242	0	100	0	0	0	-9999	-9999
2079.31	2081.003	1436.503	126.2706	180.1825	124.812	121.5241	0	35.86571	64.13429	64.13429	0	-9999	-9999
2079.315	2081.008	1436.508	119.5958	116.3937	117.4203	115.8999	18.66464	10.68313	70.65224	49.20101	21.45123	28.77433	-9999
2079.32	2081.012	1436.512	114.565	108.2195	112.1423	108.9532	27.18705	4.613909	68.19905	37.70259	30.49646	29.55845	-9999
2079.325	2081.017	1436.517	112.0681	73.84228	111.3141	109.8061	24.87104	20.87268	54.25628	29.37474	24.88154	27.49358	-9999
2079.33	2081.021	1436.521	113.4772	82.44423	112.3401	111.277	24.46264	18.31262	57.22474	24.12552	33.09922	27.67154	-9999
2079.335	2081.026	1436.526	114.2683	120.1981	112.031	109.9421	23.12423	7.638642	69.23713	32.84448	36.39265	29.03585	-9999
2079.34	2081.03	1436.53	110.8691	82.12338	110.2511	110.4983	22.91633	21.5828	55.50087	39.71815	15.78272	27.13299	-9999
2079.345	2081.035	1436.535	107.6059	61.17619	106.8642	105.5046	31.94568	15.35932	52.695	29.32553	23.36947	28.15687	-9999
2079.35	2081.039	1436.539	108.879	64.20138	108.4464	107.7171	27.64739	20.01408	52.33853	32.72329	19.61524	27.48653	-9999
2079.355	2081.044	1436.544	109.0397	57.23426	108.9285	109.1633	26.69491	23.12871	50.17638	19.43829	30.73809	27.00327	-9999
2079.36	2081.048	1436.548	107.8407	38.53305	107.9273	108.9408	30.79095	22.27256	46.93649	24.79351	22.14298	27.06837	-9999
2079.365	2081.052	1436.552	107.3587	38.59417	107.2969	106.9137	32.36921	20.15695	47.47385	22.20512	25.26873	27.59318	-9999
2079.37	2081.057	1436.557	108.7184	46.46273	108.2116	108.8543	32.66275	17.86409	49.47316	28.35575	21.11741	27.60705	-9999
2079.375	2081.061	1436.561	107.2351	42.71943	106.7654	105.5787	34.64587	16.34077	49.01336	18.76302	30.25034	28.20116	-9999
2079.38	2081.066	1436.566	105.6282	55.0494	104.5404	102.6987	37.93014	10.15087	51.91898	34.31781	17.60117	29.03898	-9999
2079.385	2081.07	1436.57	104.7135	49.25875	103.5516	102.7976	40.74778	8.510176	50.74205	36.42727	14.31478	29.21206	-9999
2079.39	2081.075	1436.575	102.538	36.54681	102.6369	103.6628	36.05436	15.78983	48.15582	18.86694	29.28888	27.94588	6
2079.395	2081.079	1436.579	102.3649	58.24266	101.3266	100.9311	39.77637	8.552747	51.67089	33.66338	18.0075	28.93887	6
2079.4	2081.084	1436.584	107.1733	173.4599	103.1437	100.6839	30.6527	0	69.3473	24.05701	45.29029	21.5391	6
2079.405	2081.088	1436.588	110.0162	221.2366	104.6888	101.784	26.53375	0	73.46625	44.48769	28.97856	9.028604	6
2079.41	2081.093	1436.593	108.5824	197.8753	103.292	100.8322	33.21892	0	66.78108	40.22012	26.56096	9.31278	6
2079.415	2081.097	1436.597	104.9854	132.1919	101.6109	98.14993	37.5752	0	62.4248	20.50172	41.92309	25.88294	6
2079.42	2081.102	1436.602	101.7963	52.08532	101.5244	101.7593	35.85022	13.31086	50.83892	18.71584	32.12308	28.19722	6
2079.425	2081.106	1436.606	100.9558	56.73006	100.5108	102.5256	36.84062	11.67742	51.48196	18.02325	33.45871	28.01279	6
2079.43	2081.111	1436.611	103.8235	88.38767	102.7234	100.5974	31.61837	11.05921	57.32242	36.83074	20.49168	28.4995	6
2079.435	2081.115	1436.615	102.7234	96.48542	101.4626	98.78033	31.91616	9.722628	58.36121	28.51188	29.84933	28.63894	6
2079.44	2081.119	1436.619	99.01518	39.05253	99.21295	100.4737	37.92259	13.16135	48.91606	16.30758	32.60848	28.19464	6
2079.445	2081.124	1436.624	101.7098	54.88133	101.2525	100.2513	36.69012	12.07184	51.23804	23.7288	27.50923	28.55507	6
2079.45	2081.128	1436.628	103.9471	64.65975	102.0806	99.9546	43.18614	3.633348	53.18051	34.27462	18.90589	30.00752	6
2079.455	2081.133	1436.633	105.8136	118.5632	102.6245	100.6221	38.67448	0	61.32552	31.89756	29.42796	26.29571	6
2079.46	2081.137	1436.637	104.5404	71.18378	103.6999	100.1029	33.11044	12.48965	54.39992	34.24976	20.15015	28.79641	6
2079.465	2081.142	1436.642	101.1289	50.98525	100.894	100.4985	36.44313	12.91643	50.64044	17.13229	33.50815	28.37521	6
2079.47	2081.146	1436.646	97.01274	49.04484	97.25996	99.52197	36.96351	12.3642	50.67229	27.22348	23.44881	27.91275	6
2079.475	2081.151	1436.651	99.20059	37.46354	98.58256	98.73088	44.45906	7.942407	47.59853	33.79118	13.80735	29.36218	6
2079.48	2081.155	1436.655	101.2648	56.79118	101.0918	101.6727	34.43403	13.87149	51.69449	24.15323	27.54125	27.98528	6
2079.485	2081.16	1436.66	99.57141	52.16171	99.11407	99.44781	39.3156	10.22857	50.45582	26.82909	23.62674	28.59653	6
2079.49	2081.164	1436.664	99.34892	46.66136	99.16351	99.23767	38.74388	11.45916	49.79696	29.64421	20.15276	28.54604	6
2079.495	2081.169	1436.669	99.34892	47.86838	99.27476	100.1276	37.58962	12.26945	50.14094	18.46549	31.67544	28.25726	6
2079.5	2081.173	1436.673	100.3254	69.90036	100.4861	100.4243	29.53938	16.23878	54.22184	30.92872	23.29311	27.70151	6

2079.505	2081.178	1436.678	98.07577	102.6733	96.59248	94.41699	36.41883	6.530509	57.05066	21.18727	35.86339	28.68821	6
2079.51	2081.182	1436.682	98.40951	189.854	94.6642	88.54564	32.54468	0.04896	67.40636	37.36602	30.04034	28.9309	6
2079.515	2081.186	1436.686	95.88792	75.6299	94.80017	90.15254	41.9107	5.97476	52.11454	33.80728	18.30726	29.67813	6
2079.52	2081.191	1436.691	93.83604	36.18012	93.8484	93.51466	44.81946	7.808085	47.37245	16.38602	30.98643	29.35541	6
2079.525	2081.195	1436.695	92.98314	42.87222	92.72357	92.11789	46.09214	6.40551	47.50235	33.17313	14.32922	29.52395	6
2079.53	2081.2	1436.7	93.60118	59.09827	92.53816	91.59874	47.82356	4.01646	48.15998	16.15973	32.00025	29.76748	6
2079.535	2081.204	1436.704	93.41577	52.00893	92.50108	90.82002	48.56021	4.155788	47.284	24.70702	22.57698	30.05617	6
2079.54	2081.209	1436.709	93.72479	68.95308	91.84596	89.46034	51.64749	0.958327	47.39418	13.75888	33.6353	30.60835	6
2079.545	2081.213	1436.713	90.01657	33.97998	89.50978	89.63339	52.88922	3.215486	43.89529	23.99956	19.89573	30.42028	6
2079.55	2081.218	1436.718	88.18718	30.57281	87.79164	88.18718	54.53463	2.616091	42.84928	23.94499	18.90429	30.61102	2
2079.555	2081.222	1436.722	89.42325	40.58041	88.4962	86.55556	55.09482	1.772518	43.13266	20.07458	23.05808	31.09591	2
2079.56	2081.227	1436.727	88.86702	45.1946	87.58151	84.76326	57.268	0.56684	42.16516	17.52161	24.64355	31.58267	2
2079.565	2081.231	1436.731	88.16246	45.36266	87.32193	84.4048	54.42688	1.97765	43.59547	20.13281	23.46266	31.02285	2
2079.57	2081.236	1436.736	89.1884	43.57505	88.57036	88.61981	52.19129	3.072128	44.73658	29.20385	15.53272	30.17127	2
2079.575	2081.24	1436.74	88.61981	43.8959	87.71747	85.71503	54.84005	1.810439	43.34951	25.64552	17.70399	30.97306	2
2079.58	2081.245	1436.745	87.43318	31.24508	86.97583	86.72861	55.54461	2.125178	42.33021	16.84823	25.48198	30.86673	2
2079.585	2081.249	1436.749	88.02649	39.35811	87.56914	87.59387	53.03541	2.914175	44.05042	31.64867	12.40175	30.30627	2
2079.59	2081.253	1436.753	89.55922	69.45728	87.53206	84.4048	56.50734	0	43.49266	11.27233	32.22032	30.75412	2
2079.595	2081.258	1436.758	89.83116	62.27626	88.29843	84.33063	54.16314	1.048334	44.78852	28.23323	16.55529	31.08385	2
2079.6	2081.262	1436.762	89.07715	57.53984	88.06357	86.28363	51.97962	2.4714	45.54898	17.72501	27.82397	30.30883	2
2079.605	2081.267	1436.767	87.64331	51.29082	87.58151	87.38373	47.43475	4.996861	47.56838	20.10416	27.46423	29.3543	2
2079.61	2081.271	1436.771	86.87694	45.02653	86.65445	85.92517	50.90111	3.651651	45.44724	19.33408	26.11315	29.98158	2
2079.615	2081.276	1436.776	86.50612	70.55735	85.20824	83.13164	53.39803	1.624427	44.97754	18.73376	26.24378	30.24831	2
2079.62	2081.28	1436.78	88.50856	46.66136	87.93997	85.99933	51.68668	3.192782	45.12054	17.42512	27.69543	30.38533	2
2079.625	2081.285	1436.785	91.45041	47.15028	91.62346	93.20564	43.11411	7.762874	49.12301	34.31298	14.81003	28.65586	2
2079.63	2081.289	1436.789	93.37869	44.614	92.73593	91.84596	48.27639	4.920191	46.80342	22.29629	24.50713	29.91067	2
2079.635	2081.294	1436.794	97.87799	78.44119	96.34526	94.65184	42.84814	4.539148	52.61271	37.11933	15.49338	29.38833	2
2079.64	2081.298	1436.798	99.17587	99.89258	97.95216	95.15863	34.06796	8.358424	57.57361	41.11061	16.463	28.65392	2
2079.645	2081.303	1436.803	96.38235	85.66805	95.34404	93.48993	38.64341	7.140873	54.21572	26.91741	27.29831	28.77706	2
2079.65	2081.307	1436.807	95.13391	82.1081	94.00909	91.45041	41.32405	5.896475	52.77948	19.81836	32.96111	29.14577	2
2079.655	2081.312	1436.812	94.47879	67.53215	94.71365	94.21922	34.91661	11.51805	53.56534	21.38165	32.18369	28.17607	2
2079.66	2081.316	1436.816	92.35275	55.41609	91.78415	92.05609	46.03138	5.488263	48.48036	29.02108	19.45928	29.23901	2
2079.665	2081.32	1436.82	92.5258	68.57111	92.20442	90.21434	40.77274	7.594375	51.63288	35.75367	15.87921	28.92943	2
2079.67	2081.325	1436.825	89.17604	39.83175	89.15132	87.53206	48.51035	5.129525	46.36012	30.82063	15.5395	29.94951	2
2079.675	2081.329	1436.829	90.94362	45.24043	91.77179	92.46399	38.96537	10.22882	50.80581	35.69077	15.11504	28.39743	2
2079.68	2081.334	1436.834	89.29965	42.62776	89.22548	87.91525	48.10318	5.186214	46.71061	24.75399	21.95662	29.80972	2
2079.685	2081.338	1436.838	88.16246	26.35587	88.13774	88.61981	52.70401	3.703955	43.59204	25.01146	18.58058	30.32517	2
2079.69	2081.343	1436.843	89.05243	27.28788	88.82994	89.85588	53.19242	3.443945	43.36364	14.38621	28.97743	30.33261	2
2079.695	2081.347	1436.847	87.35901	22.36812	87.30957	87.4579	54.59981	2.954633	42.44556	22.9307	19.51486	30.73054	2
2079.7	2081.352	1436.852	86.93875	17.83032	86.87694	86.80278	56.18039	2.408235	41.41137	19.89711	21.51426	31.09927	2
2079.705	2081.356	1436.856	87.56914	29.54914	87.8658	89.10188	49.9864	4.813327	45.20027	14.72032	30.47995	29.69981	2
2079.71	2081.361	1436.861	87.19832	20.56522	87.02527	86.80278	56.1419	2.315859	41.54224	20.80788	20.73436	31.09555	2
2079.715	2081.365	1436.865	87.39609	33.10909	86.87694	85.851	55.60661	2.01737	42.37602	20.49593	21.88009	30.99515	2
2079.72	2081.37	1436.87	90.82002	72.1769	89.52214	87.75456	49.03732	2.904098	48.05858	33.62846	14.43012	29.80661	2
2079.725	2081.374	1436.874	96.08569	140.3202	93.218	89.2502	39.86827	1.395267	58.73646	19.8195	38.91696	29.02888	2
2079.73	2081.378	1436.878	89.5345	68.2197	87.84108	86.80278	54.2431	0.779787	44.97711	14.84368	30.13343	30.46322	2
2079.735	2081.383	1436.883	85.36893	22.21533	85.20824	84.42952	57.32981	1.687042	40.98314	27.13121	13.85193	31.31704	2
2079.74	2081.387	1436.887	84.13286	19.95407	83.73732	83.19345	60.83434	0.330042	38.83561	10.35265	28.48297	31.93873	2
2079.745	2081.392	1436.892	84.39244	30.48114	83.93509	82.71138	58.52696	0.942989	40.53005	16.78728	23.74277	31.4554	2
2079.75	2081.396	1436.896	87.29721	46.61552	86.28363	84.21939	56.26086	1.173073	42.56607	29.40071	13.16536	31.12482	2
2079.755	2081.401	1436.901	88.65689	53.68959	88.11302	87.98941	49.65779	3.819951	46.52226	15.56783	30.95443	29.66348	2
2079.76	2081.405	1436.905	85.65323	20.85552	85.7892	86.80278	55.09824	2.698159	42.2036	28.36723	13.83637	30.6117	2
2079.765	2081.41	1436.91	84.21939	38.67056	83.8362	83.97217	56.12955	1.661196	42.20925	28.19243	14.01682	30.62887	8
2079.77	2081.414	1436.914	88.10066	79.38848	87.27249	88.17482	46.15369	4.297603	49.5487	33.03301	16.5157	28.66928	8
2079.775	2081.419	1436.919	92.34039	132.7725	90.90654	88.87938	34.0282	6.880891	59.09091	40.26739	18.82352	27.89586	8
2079.78	2081.423	1436.923	89.37381	75.416	87.75456	85.7274	52.07465	1.505509	46.41984	30.08649	16.33334	30.1794	8
2079.785	2081.428	1436.928	91.5493	109.0904	89.00299	84.1823	49.10867	0.55595	50.33538	13.44518	36.89019	30.06225	8
2079.79	2081.432	1436.932	96.64192	104.8735	97.11163	97.9398	22.06982	17.12393	60.80626	31.01199	29.79427	27.33745	8
2079.795	2081.437	1436.937	89.20076	85.08746	88.73105	87.28485	40.98437	6.452301	52.56333	27.88157	24.68175	28.55543	8
2079.8	2081.441	1436.941	87.96469	31.70344	88.01413	87.96469	51.01707	4.244208	44.73872	28.26903	16.46969	30.08042	8
2079.805	2081.445	1436.945	95.26988	101.3593	94.14505	93.26744	36.54015	7.252923	56.20692	39.83692	16.37	28.26668	9
2079.81	2081.45	1436.95	91.79651	105.0415	89.58394	87.1736	47.27458	1.636827	51.08859	33.20225	17.88634	29.42492	9
2079.815	2081.454	1436.954	89.69519	84.56798	89.44798	89.26256	38.93089	7.524528	53.54458	28.91833	24.62626	28.17697	9
2079.82	2081.459	1436.959	90.32559	99.6634	89.95477	89.8188	35.65579	8.346659	55.99756	26.89499	29.10257	27.81963	9
2079.825	2081.463	1436.963	91.9572	89.91555	91.51222	90.32559	37.08845	8.175222	54.73632	39.13822	15.5981	28.26569	9
2079.83	2081.468	1436.968	102.0806	124.8275	102.7481	99.68266	10.70458	25.64801	63.64741	57.05079	6.596619	28.18884	9
2079.835	2081.472	1436.972	106.2462	119.2049	105.5293	104.1202	18.96204	18.23428	62.80368	45.18648	17.6172	27.83758	9
2079.84	2081.477	1436.977	103.9348	127.7611	103.1931	104.3427	19.20959	16.62903	64.16138	36.63688	27.5245	27.42348	9
2079.845	2081.481	1436.981	100.7704	127.6083	100.0288	99.75683	22.15777	14.27659	63.56565	48.81675	14.7489	27.65259	9
2079.85	2081.486	1436.986	99.44781	141.2828	97.21051	93.06967	31.6566	5.123318	63.22008	34.49232	28.72775	28.74891	9
2079.855	2081.49	1436.99	108.1003	144.6288	106.8766	103.5639	15.0313	16.78596	68.18273	44.36913	23.8136	28.5428	9
2079.86	2081.495	1436.995	106.2957	118.716	105.8507	104.491	16.92737	20.71148	62.36116	32.89972	29.46143	27.72945	9
2079.865	2081.499	1436.999	103.8729	79.35792	104.2932	105.7889	21.97522	22.84322	55.18156	41.95086	13.2307	26.90132	9

2079.87	2081.504	1437.004	106.6047	101.9858	106.7654	105.8754	15.9978	25.60446	58.39774	36.57871	21.81903	27.29902	9
2079.875	2081.508	1437.008	107.8655	146.2636	109.2869	113.3536	0	43.57457	56.42543	56.42543	0	-9999	9
2079.88	2081.512	1437.012	102.3773	117.891	102.7728	103.2426	14.21781	23.41421	62.36799	39.84475	22.52324	27.38713	9
2079.885	2081.517	1437.017	104.6517	178.2879	103.6257	101.2648	8.525817	18.28553	73.18865	61.35359	11.83506	28.71738	9
2079.89	2081.521	1437.021	96.06097	124.3844	96.81497	97.81619	15.67934	19.56417	64.75649	53.55463	11.20186	27.42089	9
2079.895	2081.526	1437.026	95.36877	202.8562	93.83604	89.70755	15.0482	12.08298	72.86883	59.46246	13.40637	28.15108	9
2079.9	2081.53	1437.03	97.43301	211.2137	95.38113	95.28224	15.15	10.49789	74.35211	46.97497	27.37714	27.55126	9
2079.905	2081.535	1437.035	97.14871	189.5942	94.47879	92.34039	25.43325	5.734309	68.83244	38.29485	30.53759	27.75169	9
2079.91	2081.539	1437.039	105.9866	166.0649	105.4551	100.4243	6.423798	22.81425	70.76195	70.65921	0.10274	-9999	9
2079.915	2081.544	1437.044	109.4229	229.7927	107.0126	103.1313	2.401245	11.73599	85.86276	84.93652	0.926246	-9999	9
2079.92	2081.548	1437.048	101.4873	141.7717	100.3007	100.4861	21.51929	12.61954	65.86117	43.78789	22.07328	27.65729	9
2079.925	2081.553	1437.053	109.4106	191.3666	108.397	106.7654	0.886823	23.12483	75.98835	75.98835	0	-9999	9
2079.93	2081.557	1437.057	108.1498	255.7207	105.8012	113.1435	0	13.78739	86.21261	86.21261	0	-9999	9
2079.935	2081.562	1437.062	108.57	184.3231	109.0892	111.8333	0	37.73383	62.26617	62.26617	0	-9999	9
2079.94	2081.566	1437.066	117.8777	146.0039	118.2114	115.6651	0	51.72265	48.27735	48.27735	0	-9999	9
2079.945	2081.571	1437.071	116.4191	197.3711	115.3561	111.9074	0	30.44463	69.55537	69.55537	0	-9999	9
2079.95	2081.575	1437.075	111.3883	203.3146	110.8691	110.6714	0	31.55246	68.44754	68.44754	0	-9999	9
2079.955	2081.579	1437.079	103.8111	151.489	102.4144	98.9163	18.65832	13.01328	68.32839	52.67276	15.65563	28.49833	9
2079.96	2081.584	1437.084	101.5739	109.9155	100.449	99.42309	28.66992	10.94706	60.38302	26.63521	33.74781	28.05935	9
2079.965	2081.588	1437.088	114.3425	115.9658	113.7986	112.9952	10.95618	29.43184	59.61198	47.46487	12.14711	27.11808	9
2079.97	2081.593	1437.093	111.3388	142.9634	111.4748	109.8803	1.917373	35.20761	62.87501	62.87501	0	-9999	9
2079.975	2081.597	1437.097	107.8284	177.4782	106.8519	107.4699	5.416029	21.15798	73.42599	71.56141	1.864587	-9999	9
2079.98	2081.602	1437.102	107.4328	149.8389	107.2598	106.9631	6.241919	26.66838	67.0897	62.62147	4.468229	-9999	9
2079.985	2081.606	1437.106	114.3919	145.8358	113.8975	114.7998	3.298977	32.1953	64.50572	64.50572	0	-9999	9
2079.99	2081.611	1437.111	111.0175	97.26464	111.0422	111.7344	14.13431	30.26807	55.59762	43.59272	12.0049	26.57597	9
2079.995	2081.615	1437.115	110.3129	50.40466	110.9186	112.1423	21.62023	32.74094	45.63883	16.70734	28.93149	25.86209	9
2080	2081.62	1437.12	109.2004	69.57951	109.2499	109.3488	22.31419	25.91332	51.77249	24.16688	27.60561	26.77521	9
2080.005	2081.624	1437.124	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2080.3	2081.888	1437.388	135.8378	189.8081	134.3545	129.2619	0	55.02424	44.97576	44.97576	0	-9999	10
2080.305	2081.892	1437.392	133.2173	139.9841	133.9466	135.2445	0	100	0	0	0	-9999	10
2080.31	2081.897	1437.397	129.4226	147.7762	129.5709	131.1531	0	85.22883	14.77117	14.77117	0	-9999	10
2080.315	2081.901	1437.401	129.4473	145.2552	129.8305	133.0937	0	92.22963	7.770369	7.770369	0	-9999	10
2080.32	2081.905	1437.405	129.1754	133.842	130.1024	130.7452	0	100	0	0	0	-9999	10
2080.325	2081.91	1437.41	128.99	130.2821	130.0901	130.98	0	100	0	0	0	-9999	10
2080.33	2081.914	1437.414	132.2532	80.21353	132.4262	133.823	0	94.17747	5.822532	5.822532	0	-9999	10
2080.335	2081.919	1437.419	130.3126	145.6525	131.4745	133.7983	0	100	0	0	0	-9999	10
2080.34	2081.923	1437.423	131.9565	86.66117	132.1296	132.0678	0	93.188	6.811999	6.811999	0	-9999	10
2080.345	2081.928	1437.428	128.8169	103.1928	129.5709	129.3855	0	97.56348	2.436518	2.436518	0	-9999	10
2080.35	2081.932	1437.432	129.0765	119.1897	130.0653	129.9541	0	100	0	0	0	-9999	10
2080.355	2081.937	1437.437	127.2347	197.4475	129.472	131.4127	0	100	0	0	0	-9999	10
2080.36	2081.941	1437.441	125.0963	228.9829	127.3213	130.6216	0	100	0	0	0	-9999	10
2080.365	2081.946	1437.446	127.9393	206.7523	130.1519	133.9837	0	100	0	0	0	-9999	10
2080.37	2081.95	1437.45	128.7675	175.7364	128.5697	129.5709	0	74.51048	25.48952	25.48952	0	-9999	10
2080.375	2081.955	1437.455	127.791	132.4364	128.1741	129.744	0	84.17736	15.82264	15.82264	0	-9999	10
2080.38	2081.959	1437.459	127.3831	156.6532	129.0394	133.4275	0	100	0	0	0	-9999	10
2080.385	2081.964	1437.464	126.7527	119.0369	127.2842	129.7069	0	83.00069	16.99931	16.99931	0	-9999	10
2080.39	2081.968	1437.468	125.3065	110.3585	125.9121	126.0605	0	78.46966	21.53034	21.53034	0	-9999	10
2080.395	2081.972	1437.472	124.503	90.54198	125.3683	127.1358	0	80.26646	19.73354	19.73354	0	-9999	10
2080.4	2081.977	1437.477	128.4832	64.9806	128.8293	129.5215	3.387904	81.48665	15.12544	11.69132	3.434125	-9999	10
2080.405	2081.981	1437.481	128.5202	70.75597	129.1136	129.744	0.040235	89.21023	10.74953	10.74953	0	-9999	10
2080.41	2081.986	1437.486	128.6191	76.77581	129.2372	131.5363	0	90.80078	9.199224	9.199224	0	-9999	10
2080.415	2081.99	1437.49	130.1766	78.80788	130.7452	130.7575	0	96.95089	3.049111	3.049111	0	-9999	10
2080.42	2081.995	1437.495	125.5166	77.99811	125.0716	123.9839	9.097839	51.37876	39.5234	21.60485	17.91855	23.67857	10
2080.425	2081.999	1437.499	126.4313	89.70165	126.8268	127.6426	0	76.14389	23.85611	23.85611	0	-9999	10
2080.43	2082.004	1437.504	123.9962	132.8183	123.2793	123.2546	0	45.14468	54.85532	54.85532	0	-9999	10
2080.435	2082.008	1437.508	118.0383	125.5609	117.9765	117.7293	1.497958	44.05948	54.44256	54.44256	0	-9999	10
2080.44	2082.013	1437.513	113.2795	116.6381	113.4649	113.8975	6.119533	37.50955	56.37091	52.90193	3.468985	-9999	10
2080.445	2082.017	1437.517	109.1757	107.0583	108.5824	104.5281	18.24843	21.57275	60.17882	44.46719	15.71163	28.08173	10
2080.45	2082.022	1437.522	108.7925	107.2417	108.2981	107.5441	17.79022	22.17857	60.03121	30.48391	29.5473	27.44095	10
2080.455	2082.026	1437.526	110.6466	143.6663	110.7702	111.1411	2.47991	33.96917	63.55092	63.55092	0	-9999	10
2080.46	2082.031	1437.531	112.9457	174.728	112.2412	109.2869	0	29.37443	70.62557	70.62557	0	-9999	10
2080.465	2082.035	1437.535	116.1101	158.7158	115.9617	114.874	0	40.97943	59.02057	59.02057	0	-9999	10
2080.47	2082.039	1437.539	112.6738	164.3079	110.9062	106.6912	10.27639	15.49505	74.22856	57.68342	16.54514	29.3383	10
2080.475	2082.044	1437.544	118.7429	195.6141	119.9419	122.0432	0	72.91114	27.08886	27.08886	0	-9999	10
2080.48	2082.048	1437.548	116.691	272.2218	116.4438	116.7528	0	48.23231	51.76769	51.76769	0	-9999	10
2080.485	2082.053	1437.553	115.1459	233.4749	115.7145	115.3066	0	54.75001	45.24999	45.24999	0	-9999	10
2080.49	2082.057	1437.557	112.612	180.1061	113.2177	114.0706	0	46.04449	53.95551	53.95551	0	-9999	10
2080.495	2082.062	1437.562	108.3352	142.9482	108.3846	107.643	5.355005	29.62867	65.01633	59.42677	5.589556	-9999	10
2080.5	2082.066	1437.566	105.5416	122.1537	104.7011	103.5887	19.85458	16.7353	63.41012	43.31538	20.09474	27.84509	10
2080.505	2082.071	1437.571	103.8853	123.7886	103.0324	102.3279	21.07858	15.43701	63.48441	39.07782	24.40659	27.78386	10
2080.51	2082.075	1437.575	103.3291	127.8833	103.156	104.219	15.33063	20.63142	64.03795	40.36522	23.67273	27.35998	10
2080.515	2082.08	1437.58	103.5268	98.51749	104.2067	105.7889	15.6453	25.86735	58.48735	30.55623	27.93112	26.91261	10
2080.52	2082.084	1437.584	105.0843	89.15161	105.7147	106.9879	16.86217	26.99058	56.14724	35.31002	20.83722	26.77517	10

2080.525	2082.089	1437.589	106.889	81.64974	107.3216	108.3723	18.55007	27.26763	54.1823	27.36759	26.81471	26.65715	10
2080.53	2082.093	1437.593	105.2203	117.9063	105.9248	108.5082	9.203687	29.80732	60.98899	54.55205	6.43694	26.9108	10
2080.535	2082.098	1437.598	107.7666	115.2019	107.5194	107.4946	14.8918	24.00639	61.10181	34.50439	26.59742	27.32231	10
2080.54	2082.102	1437.602	111.3388	124.6595	110.6961	109.5342	12.38206	24.73757	62.88037	49.58728	13.29309	27.62019	10
2080.545	2082.106	1437.606	112.5873	112.5892	112.4513	112.7109	10.22687	31.8428	57.93033	52.23501	5.695319	26.78786	10
2080.55	2082.111	1437.611	116.2831	179.6172	115.4055	113.0199	0	31.79206	68.20794	68.20794	0	-9999	10
2080.555	2082.115	1437.615	111.4872	175.8433	111.1781	115.492	0	32.31635	67.68365	67.68365	0	-9999	10
2080.56	2082.12	1437.62	110.8073	133.6587	110.9309	112.031	4.753914	33.55399	61.6921	61.6921	0	-9999	10
2080.565	2082.124	1437.624	109.9297	152.4821	109.2622	108.1992	7.136966	24.6931	68.16993	59.10774	9.062188	-9999	10
2080.57	2082.129	1437.629	109.015	110.1905	107.9644	105.4798	21.18272	16.91235	61.90492	48.66044	13.24448	28.10703	10
2080.575	2082.133	1437.633	108.4464	111.0308	108.1621	107.4081	15.56314	24.18237	60.25449	35.73013	24.52436	27.38867	10
2080.58	2082.138	1437.638	107.2227	106.2791	106.308	106.6294	22.72444	16.41586	60.8597	36.70174	24.15795	27.57461	10
2080.585	2082.142	1437.642	107.9891	73.62838	107.3216	104.4168	28.00495	17.29904	54.69601	28.75524	25.94077	28.12907	10
2080.59	2082.147	1437.647	107.3092	106.5541	105.2944	102.7728	31.1041	6.470295	62.4256	37.97478	24.45082	29.01247	10
2080.595	2082.151	1437.651	111.6602	135.9352	111.1163	111.6726	8.591299	27.06417	64.34453	56.02674	8.317798	27.44841	10
2080.6	2082.156	1437.656	115.5786	190.8013	113.1806	106.5058	6.07818	10.78948	83.13234	72.24254	10.8898	-9999	10
2080.605	2082.16	1437.66	109.0521	148.7999	106.9013	106.1597	20.33094	8.672179	70.99688	53.63459	17.36229	28.5226	10
2080.61	2082.165	1437.665	111.9569	181.4965	109.9297	108.2981	8.788023	13.29443	77.91755	59.98911	17.92844	29.2243	10
2080.615	2082.169	1437.669	112.2164	150.6945	112.6862	111.104	0	41.48636	58.51364	58.51364	0	-9999	10
2080.62	2082.173	1437.673	114.5032	138.7923	115.9865	117.1607	0	60.41872	39.58128	39.58128	0	-9999	10
2080.625	2082.178	1437.678	115.5786	114.331	116.0235	117.6057	2.550972	45.85334	51.59569	51.59569	0	-9999	10
2080.63	2082.182	1437.682	109.7319	128.3875	109.8308	110.4118	7.210482	31.21967	61.56985	54.09605	7.473797	-9999	10
2080.635	2082.187	1437.687	105.4798	107.2417	105.4922	105.6529	16.91026	23.16322	59.92652	30.38516	29.54135	27.25952	10
2080.64	2082.191	1437.691	100.7951	106.6764	100.721	101.1536	22.02758	17.51667	60.45575	33.59121	26.86454	27.40267	10
2080.645	2082.196	1437.696	102.4391	124.3539	102.0559	100.2883	18.63205	17.92796	63.43999	47.17758	16.26241	27.87378	10
2080.65	2082.2	1437.7	107.0867	131.4127	106.0237	103.601	17.91676	16.62491	65.45833	35.63834	29.81999	28.20042	10
2080.655	2082.205	1437.705	100.9929	173.1237	99.36128	98.16229	17.83562	11.49703	70.66735	37.42646	33.24089	27.98182	10
2080.66	2082.209	1437.709	103.3662	240.5031	100.7457	99.22531	7.010069	9.861368	83.12856	65.44346	17.6851	-9999	10
2080.665	2082.214	1437.714	121.351	245.3465	120.4116	118.0136	0	43.03795	56.96205	56.96205	0	-9999	10
2080.67	2082.218	1437.718	132.5375	138.1048	134.4163	133.7612	0	100	0	0	0	-9999	10
2080.675	2082.223	1437.723	129.9294	174.8349	130.8811	135.8625	0	100	0	0	0	-9999	10
2080.68	2082.227	1437.727	125.0345	194.4834	125.0716	125.4053	0	69.31841	30.68159	30.68159	0	-9999	10
2080.685	2082.232	1437.732	121.5364	235.2014	121.4005	122.7849	0	58.31487	41.68513	41.68513	0	-9999	10
2080.69	2082.236	1437.736	120.6835	202.0923	119.7688	120.5229	0	39.43888	60.56112	60.56112	0	-9999	10
2080.695	2082.24	1437.74	115.492	185.9579	114.0335	114.7998	0.049407	23.04707	76.90352	76.90352	0	-9999	10
2080.7	2082.245	1437.745	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2081.23	2082.849	1438.349	121.8825	134.881	122.0309	121.9938	0	58.20955	41.79045	41.79045	0	-9999	10
2081.235	2082.854	1438.354	129.1259	117.6771	129.0765	131.8824	0	76.17726	23.82274	23.82274	0	-9999	10
2081.24	2082.858	1438.358	127.5685	121.1454	127.1853	125.9739	0	61.77437	38.22563	38.22563	0	-9999	10
2081.245	2082.862	1438.362	111.5984	69.38088	111.4995	109.3611	21.30566	27.81931	50.87503	38.63357	12.24146	26.93774	10
2081.25	2082.867	1438.367	110.4859	49.45737	110.795	110.7208	23.98936	29.50867	46.50197	31.46078	15.04119	26.37047	10
2081.255	2082.871	1438.371	110.6095	56.82174	110.8938	110.5972	22.28506	29.92707	47.78787	20.53382	27.25405	26.39077	10
2081.26	2082.875	1438.375	110.2634	49.70183	110.6095	111.1658	23.84751	29.57612	46.57638	23.02314	23.55324	26.25798	10
2081.265	2082.88	1438.38	111.104	77.87588	111.7715	113.0446	13.76541	36.85901	49.37558	25.01726	24.35832	25.79256	10
2081.27	2082.884	1438.384	109.9668	80.67189	110.9433	112.5873	11.7401	38.46914	49.79076	31.40009	18.39067	25.80072	10
2081.275	2082.888	1438.388	106.4563	53.18539	107.1485	107.5194	23.82474	27.2212	48.95406	23.38527	25.56879	26.66457	10
2081.28	2082.893	1438.393	102.674	46.30995	102.8223	103.3785	33.1834	16.98168	49.83492	35.30767	14.52725	27.73156	10
2081.285	2082.897	1438.397	102.9583	42.06245	103.1437	103.3785	33.66236	17.3032	49.03444	33.51362	15.52082	27.80203	10
2081.29	2082.901	1438.401	105.1585	54.37713	105.6282	106.0732	26.45471	23.29471	50.25058	25.23412	25.01646	27.01972	10
2081.295	2082.905	1438.405	108.0632	56.40921	108.4959	109.1263	23.57794	27.3633	49.05876	21.07806	27.9807	26.54663	10
2081.3	2082.91	1438.41	108.5206	70.20594	109.2746	110.659	17.32769	32.47762	50.19469	35.66038	14.53431	26.10865	10
2081.305	2082.914	1438.414	106.9013	72.34497	107.5935	108.5453	18.77874	29.22613	51.99513	36.83818	15.15695	26.48835	10
2081.31	2082.918	1438.418	107.5194	61.5276	108.1621	109.4106	21.21113	29.00383	49.78504	28.63462	21.15042	26.3462	10
2081.315	2082.923	1438.423	105.3686	64.62919	105.4551	106.135	26.75006	20.81659	52.43336	30.34741	22.08594	27.16385	10
2081.32	2082.927	1438.427	103.9842	58.80798	104.6888	105.6282	24.64266	24.02928	51.32806	24.49625	26.83181	26.89225	10
2081.325	2082.931	1438.431	102.3526	69.41144	103.2673	105.2697	21.94918	24.22343	53.82739	37.09998	16.72741	26.7484	10
2081.33	2082.936	1438.436	97.13635	44.20148	97.68022	98.16229	35.72279	13.92928	50.34793	21.98531	28.36261	28.09388	10
2081.335	2082.94	1438.44	95.5789	42.47497	95.99916	96.83969	38.53142	11.70187	49.76671	33.37114	16.39557	28.33374	10
2081.34	2082.944	1438.444	95.12155	42.76527	95.60362	95.73959	38.40295	11.67828	49.91877	19.99569	29.92308	28.44904	10
2081.345	2082.949	1438.449	95.85083	35.88983	96.13513	96.30818	40.92859	10.72176	48.34965	19.33879	29.01086	28.75459	10
2081.35	2082.953	1438.453	98.36006	52.55896	98.86685	99.44781	32.86185	15.4499	51.68825	37.56723	14.12102	27.79912	10
2081.355	2082.957	1438.457	100.5603	65.65287	101.1536	101.784	26.99836	19.27123	53.73041	20.28774	33.44267	27.34213	10
2081.36	2082.961	1438.461	100.3007	73.03251	100.7704	102.0806	26.40926	18.59702	54.99372	35.23491	19.75881	27.23312	10
2081.365	2082.966	1438.466	97.85327	71.84077	98.47131	99.23767	27.79974	16.95356	55.2467	39.92445	15.32225	27.45598	10
2081.37	2082.97	1438.47	94.57768	64.88893	94.82489	95.91264	35.3695	11.47876	53.15174	29.15655	23.99519	27.91621	10
2081.375	2082.974	1438.474	92.5258	58.62463	93.2798	93.30452	34.84557	12.01979	53.13464	18.7725	34.36214	28.09149	10
2081.38	2082.979	1438.479	92.72357	56.07308	93.47757	92.9337	35.2811	12.00718	52.71172	19.72997	32.98175	28.24157	10
2081.385	2082.983	1438.483	94.77545	54.1174	95.56654	95.96208	33.57925	13.83005	52.5907	28.23749	24.35321	27.93867	10
2081.39	2082.987	1438.487	91.25264	62.41377	92.31567	92.38983	32.70501	12.70742	54.58757	26.74588	27.84169	27.93535	10
2081.395	2082.992	1438.492	88.8423	64.53752	89.73227	91.35153	35.74972	10.26946	53.98082	32.26012	21.7207	27.79242	10
2081.4	2082.996	1438.496	90.75821	45.04181	91.38861	92.1797	40.71675	9.195137	50.08812	18.24473	31.84339	28.53087	10
2081.405	2083	1438.5	90.35031	52.48257	91.16612	92.38983	37.85442	10.21994	51.92564	31.64759	20.27805	28.13045	10
2081.41	2083.005	1438.505	93.13147	50.34354	93.6259	94.09561	38.30408	10.66062	51.0353	34.46568	16.56962	28.34035	10

2081.415	2083.009	1438.509	97.17343	58.22738	97.89036	99.64558	30.95327	15.96745	53.07929	21.19281	31.88648	27.45932	10
2081.42	2083.013	1438.513	98.01396	59.35801	98.86685	101.4626	28.85261	17.77605	53.37134	22.77019	30.60115	27.14619	10
2081.425	2083.017	1438.517	99.27476	65.989	100.1153	101.9447	26.18378	19.55544	54.26078	37.29681	16.96397	27.11611	10
2081.43	2083.022	1438.522	98.74325	59.32746	99.42309	101.0053	29.53021	17.43214	53.03765	30.96018	22.07747	27.35836	10
2081.435	2083.026	1438.526	97.09927	68.58639	97.63078	97.9398	29.95155	15.46535	54.5831	29.51232	25.07077	27.66923	10
2081.44	2083.03	1438.53	98.48367	67.28769	98.71852	98.43423	31.29128	14.8181	53.89061	39.365	14.52562	27.86152	10
2081.445	2083.035	1438.535	97.60606	61.43593	97.69258	96.83969	34.66436	12.73479	52.60084	32.38602	20.21482	28.24626	10
2081.45	2083.039	1438.539	95.05975	57.08148	95.62834	96.3329	34.32471	13.06549	52.6098	18.61425	33.99555	27.92841	10
2081.455	2083.043	1438.543	94.45407	47.15028	94.96086	95.30696	37.76426	11.55393	50.6818	20.57715	30.10465	28.33013	10
2081.46	2083.048	1438.548	96.2711	63.05547	96.97566	98.43423	30.71081	15.33702	53.95217	30.88626	23.06591	27.51394	10
2081.465	2083.052	1438.552	97.00038	63.92636	97.92744	98.73088	28.10479	17.46329	54.43191	21.72014	32.71177	27.47191	10
2081.47	2083.056	1438.556	96.12277	52.40617	96.679	97.14871	34.57395	13.61817	51.80787	32.34221	19.46567	27.99475	10
2081.475	2083.061	1438.561	93.8484	70.84765	94.96086	97.17343	27.89274	15.8241	56.28317	23.959	32.32417	27.26947	10
2081.48	2083.065	1438.565	92.48872	74.71317	93.81131	94.93614	26.57966	15.87849	57.54185	26.90322	30.63862	27.45138	10
2081.485	2083.069	1438.569	93.05731	62.19986	93.93492	95.0103	32.53342	13.31356	54.15302	20.13237	34.02065	27.72981	10
2081.49	2083.073	1438.573	95.39349	70.55735	96.45651	97.58134	26.92469	17.05142	56.0239	29.42991	26.59399	27.40486	10
2081.495	2083.078	1438.578	95.69015	69.57951	96.6172	98.71852	27.94215	16.50383	55.55402	32.63129	22.92274	27.25667	10
2081.5	2083.082	1438.582	93.44049	76.39384	94.39227	94.65184	28.17117	14.98371	56.84512	32.94058	23.90453	27.62342	10
2081.505	2083.086	1438.586	94.00909	83.65125	94.93614	96.03625	26.08336	15.85686	58.05978	36.12443	21.93534	27.38305	10
2081.51	2083.091	1438.591	95.52946	86.96675	95.91264	96.679	28.09728	14.45739	57.44533	25.54717	31.89815	27.48373	10
2081.515	2083.095	1438.595	92.11789	45.82102	92.41455	92.40219	41.86375	8.674562	49.46168	25.31942	24.14226	28.81333	10
2081.52	2083.099	1438.599	95.49237	39.57201	96.09805	97.32176	37.8766	12.46762	49.65577	23.22907	26.42671	28.19643	10
2081.525	2083.104	1438.604	97.90272	45.25571	98.5702	99.80627	33.80465	15.52202	50.67333	29.70296	20.97037	27.75467	10
2081.53	2083.108	1438.608	99.27476	55.46193	99.71974	101.3884	31.79679	16.1614	52.04181	23.88722	28.15459	27.49717	10
2081.535	2083.112	1438.612	99.386	54.23963	100.2389	101.512	28.82899	18.9764	52.19461	27.27264	24.92197	27.32234	10
2081.54	2083.117	1438.617	98.23646	61.55816	99.25004	100.0906	26.87014	19.21822	53.91164	26.43843	27.47321	27.35497	10
2081.545	2083.121	1438.621	94.77545	48.41842	95.46765	95.60362	35.72477	12.90701	51.36822	32.47706	18.89116	28.17341	10
2081.55	2083.125	1438.625	93.34161	48.66288	93.46521	94.02145	41.39135	8.86938	49.73927	32.25414	17.48513	28.65948	10
2081.555	2083.129	1438.629	93.72479	58.77742	94.20686	95.20808	35.81303	11.62642	52.56056	18.94331	33.61724	27.98456	10
2081.56	2083.134	1438.634	91.35153	78.24257	91.96956	92.90898	32.23211	11.80602	55.96187	37.84362	18.11825	27.63933	10
2081.565	2083.138	1438.638	90.75821	55.53832	91.28972	92.3033	38.94296	9.466782	51.59026	20.69999	30.89027	28.23752	10
2081.57	2083.142	1438.642	89.63339	64.56807	90.90654	92.35275	32.04486	12.47375	55.48139	28.24916	27.23223	27.64525	10
2081.575	2083.147	1438.647	88.71869	80.76357	90.11546	91.42569	28.00911	13.35861	58.63228	31.55912	27.07316	27.43914	10
2081.58	2083.151	1438.651	91.35153	102.5205	92.79773	95.78903	19.93853	17.29999	62.76148	48.49222	14.26926	27.03849	10
2081.585	2083.155	1438.655	95.72723	104.9499	96.9633	100.3254	16.95352	20.72272	62.32376	34.24942	28.07434	26.94375	10
2081.59	2083.16	1438.66	97.85327	69.35033	98.48367	98.65672	28.30663	16.86348	54.82988	29.11676	25.71312	27.58648	10
2081.595	2083.164	1438.664	97.25996	102.658	98.22409	98.99046	18.20553	20.58488	61.20959	48.44796	12.76163	27.34182	10
2081.6	2083.168	1438.668	98.21173	90.77116	98.64436	99.31184	24.32574	17.40918	58.26509	30.43478	27.83031	27.36352	10
2081.605	2083.173	1438.673	94.42935	86.89035	95.13391	97.56898	26.63718	15.26725	58.09557	29.37412	28.72145	27.13247	10
2081.61	2083.177	1438.677	98.44659	74.49927	98.89157	99.6085	27.95167	16.61822	55.43011	29.32444	26.10567	27.46865	10
2081.615	2083.181	1438.681	103.5763	51.47417	103.8729	104.3303	29.95397	19.56071	50.48533	26.19273	24.2926	27.40806	10
2081.62	2083.185	1438.685	105.4428	72.71166	106.617	108.5453	16.29585	31.49321	52.21094	42.3887	9.822244	26.30293	10
2081.625	2083.19	1438.69	107.8284	99.61757	109.0397	110.6095	7.302461	38.08742	54.61012	54.61012	0	-9999	10
2081.63	2083.194	1438.694	113.5638	104.9499	115.0965	116.9753	0	56.14044	43.85956	43.85956	0	-9999	10
2081.635	2083.198	1438.698	119.843	124.6289	121.0791	123.0568	0	72.67229	27.32771	27.32771	0	-9999	10
2081.64	2083.203	1438.703	123.4894	103.0095	124.6637	126.4313	0	84.21765	15.78235	15.78235	0	-9999	10
2081.645	2083.207	1438.707	119.0272	132.1308	120.2386	121.4499	0	69.82691	30.17309	30.17309	0	-9999	10
2081.65	2083.211	1438.711	125.2817	171.7334	125.3065	124.7997	0	68.28262	31.71738	31.71738	0	-9999	10
2081.655	2083.216	1438.716	134.8984	146.4775	134.6264	133.0937	0	95.01991	4.980088	4.980088	0	-9999	10
2081.66	2083.22	1438.72	135.4546	164.5218	134.9973	131.0048	0	91.56328	8.436724	8.436724	0	-9999	10
2081.665	2083.224	1438.724	134.1444	191.4888	133.9713	130.0653	0	98.28544	1.714564	1.714564	0	-9999	10
2081.67	2083.229	1438.729	133.6623	222.4894	134.404	136.839	0	100	0	0	0	-9999	10
2081.675	2083.233	1438.733	134.2309	207.287	134.4658	135.2692	0	100	0	0	0	-9999	10
2081.68	2083.237	1438.737	135.949	202.8562	135.3186	135.5659	0	89.44227	10.55773	10.55773	0	-9999	10
2081.685	2083.241	1438.741	137.148	171.9778	137.3829	141.4867	0	100	0	0	0	-9999	10
2081.69	2083.246	1438.746	137.4694	123.6663	137.8279	138.7797	0	100	0	0	0	-9999	10
2081.695	2083.25	1438.75	132.7353	134.1629	133.1926	130.1395	0	100	0	0	0	-9999	10
2081.7	2083.254	1438.754	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2082.04	2083.547	1439.047	107.1238	176.2559	102.0683	98.50839	37.97259	0	62.02741	31.91336	30.11404	11.94107	-9999
2082.045	2083.552	1439.052	115.4673	274.865	114.8616	100.4737	0	40.98371	59.01629	59.01629	0	-9999	-9999
2082.05	2083.556	1439.056	114.4414	334.9259	111.6108	95.78903	0	14.86734	85.13266	85.13266	0	-9999	3
2082.055	2083.56	1439.06	107.8037	252.6039	102.0806	94.98558	24.04389	0	75.95611	30.15658	45.79953	11.23157	3
2082.06	2083.564	1439.064	98.37242	82.15393	96.79025	92.05609	41.87796	4.683853	53.43818	27.78976	25.64843	29.82899	3
2082.065	2083.569	1439.069	98.53311	77.28001	97.49481	94.24394	38.69461	7.637159	53.66823	20.40214	33.26609	29.15534	3
2082.07	2083.573	1439.073	97.08691	153.2308	95.43057	93.13147	26.43482	8.634369	64.93081	36.15838	28.77243	27.89968	3
2082.075	2083.577	1439.077	100.1647	122.6579	99.76919	98.87921	21.23069	15.84546	62.92385	41.89134	21.03251	27.68817	3
2082.08	2083.582	1439.082	103.1684	126.5082	104.5404	108.1003	3.836781	33.08915	63.07406	63.07406	0	-9999	3
2082.085	2083.586	1439.086	105.1461	109.2432	105.8507	107.9644	11.36838	29.11209	59.51954	44.1614	15.35813	26.83023	3
2082.09	2083.59	1439.09	103.6628	69.12115	103.4527	104.7382	29.53142	16.70102	53.76757	26.50718	27.26038	27.41421	3
2082.095	2083.595	1439.095	104.8247	84.843	104.8247	104.3179	23.02925	20.77313	56.19762	25.46859	30.72904	27.37043	3
2082.1	2083.599	1439.099	104.3674	56.16475	104.2067	104.1325	31.63549	16.95999	51.40452	19.00053	32.40399	27.74578	3
2082.105	2083.603	1439.103	103.6134	82.1081	103.0571	96.5554	29.11634	14.75717	56.12649	40.78249	15.34399	28.95214	3
2082.11	2083.608	1439.108	96.64192	63.00964	94.9485	90.96835	48.96511	2.209603	48.82529	21.52944	27.29585	30.69721	3

2082.115	2083.612	1439.112	90.39975	53.0326	89.20076	87.74219	53.29052	1.878026	44.83146	30.89287	13.93859	30.58763	3
2082.12	2083.616	1439.116	84.5284	19.52627	84.78798	86.44432	55.4968	2.492691	42.01051	16.56709	25.44342	30.51942	3
2082.125	2083.62	1439.12	84.84978	34.43834	85.46782	87.43318	48.81434	4.818125	46.36754	21.52526	24.84228	29.24059	3
2082.13	2083.625	1439.125	87.02527	39.87758	87.92761	88.29843	43.29329	7.442634	49.26408	34.64709	14.61699	28.86844	3
2082.135	2083.629	1439.129	89.23784	34.07165	89.13896	88.68161	50.42221	4.478969	45.09882	32.00895	13.08987	30.06356	3
2082.14	2083.633	1439.133	89.9424	77.96755	90.05365	86.75334	37.52268	8.672922	53.8044	29.28363	24.52077	28.70049	3
2082.145	2083.638	1439.138	91.88304	149.3958	90.02893	83.52719	33.68317	6.111796	60.20503	36.46512	23.73991	28.49715	3
2082.15	2083.642	1439.142	91.66055	95.61453	92.16734	93.24272	28.60596	12.6911	58.70294	24.29118	34.41176	27.36891	3
2082.155	2083.646	1439.146	95.56654	140.2744	97.13635	94.70129	5.966339	24.88782	69.14584	69.14584	0	-9999	3
2082.16	2083.651	1439.151	97.12399	133.7045	96.91386	88.73105	19.91797	15.47306	64.60897	45.90263	18.70634	28.9819	3
2082.165	2083.655	1439.155	94.76309	78.16618	94.12033	92.92134	38.88312	7.895143	53.22174	33.80704	19.4147	28.60449	3
2082.17	2083.659	1439.159	93.58882	65.08755	93.35397	92.37747	39.96722	8.379712	51.65307	17.62993	34.02314	28.69657	3
2082.175	2083.664	1439.164	91.99429	48.46425	91.52458	89.96713	47.27714	5.285712	47.43715	16.03467	31.40247	29.77027	3
2082.18	2083.668	1439.168	94.08325	34.31611	93.92256	93.32925	46.38425	6.974791	46.64095	28.17664	18.46432	29.62581	3
2082.185	2083.672	1439.172	92.21678	31.21452	91.84596	91.04251	50.48052	4.680358	44.83912	21.77985	23.05927	30.27705	3
2082.19	2083.676	1439.176	92.20442	54.34658	90.86946	88.47148	52.366	1.972716	45.66129	31.63242	14.02887	30.71098	3
2082.195	2083.681	1439.181	92.61232	72.6047	92.22914	92.55052	40.19599	7.628277	52.17573	23.11553	29.0602	28.3975	3
2082.2	2083.685	1439.185	94.10797	55.47721	94.08325	92.73593	40.18677	9.10552	50.70771	18.48585	32.22185	28.85217	3
2082.205	2083.689	1439.189	96.2711	48.15868	97.11163	98.60728	33.26208	15.13045	51.60747	19.25158	32.35589	27.68988	3
2082.21	2083.694	1439.194	101.339	51.27554	101.8705	102.0312	30.24023	18.74458	51.01519	21.32546	29.68974	27.55368	3
2082.215	2083.698	1439.198	106.8148	80.22881	106.135	104.9113	27.58377	16.47087	55.94536	27.44949	28.49587	27.85656	3
2082.22	2083.702	1439.202	108.4217	126.6304	109.2004	109.9297	3.572347	36.37661	60.05104	60.05104	0	-9999	3
2082.225	2083.707	1439.207	107.198	100.3051	108.2239	108.4711	9.152976	34.99813	55.84889	38.83233	17.01656	26.80787	3
2082.23	2083.711	1439.211	108.2239	86.50838	109.5342	110.795	9.344618	39.07117	51.58421	46.07534	5.508868	26.15764	3
2082.235	2083.715	1439.215	114.2065	49.68655	113.9593	112.7603	24.82177	28.78872	46.38951	19.22821	27.1613	26.48565	3
2082.24	2083.72	1439.22	112.3153	70.92404	111.5737	110.9433	25.25402	21.12296	53.62302	27.09	26.53302	27.27636	3
2082.245	2083.724	1439.224	106.1844	86.5695	107.6183	108.6936	10.24823	36.30653	53.44524	34.7402	18.70503	26.48181	3
2082.25	2083.728	1439.228	103.0201	120.4425	101.0423	98.05104	31.40176	6.268848	62.32939	39.30932	23.02007	28.81213	3
2082.255	2083.732	1439.232	101.0053	160.6104	97.39593	93.40341	36.17978	0	63.82022	32.36579	31.45443	26.85437	3
2082.26	2083.737	1439.237	96.48123	92.19209	95.0103	91.93248	40.32647	5.306214	54.36732	27.81436	26.55296	29.15561	3
2082.265	2083.741	1439.241	91.79651	107.6236	90.53572	91.79651	39.27344	5.75581	54.97075	30.38724	24.5835	27.8115	3
2082.27	2083.745	1439.245	90.01657	72.98667	89.78172	86.14766	41.3421	6.952302	51.7056	34.71585	16.98975	29.13393	3
2082.275	2083.75	1439.25	92.68649	72.11578	91.79651	90.1649	44.1737	5.315114	50.51119	24.38699	26.12419	29.21463	3
2082.28	2083.754	1439.254	88.54564	43.1014	88.73105	86.14766	46.67053	5.836846	47.49262	26.5108	20.98182	29.79997	3
2082.285	2083.758	1439.258	87.28485	67.40992	86.7657	83.24289	47.40816	4.289508	48.30234	15.987	32.31534	29.72498	3
2082.29	2083.763	1439.263	84.51604	53.33818	83.84856	82.48888	54.51037	1.886817	43.60282	20.62065	22.98217	30.39994	3
2082.295	2083.767	1439.267	85.80156	76.82164	84.88687	82.34056	49.56061	3.093371	47.34602	18.3458	29.00023	29.60878	3
2082.3	2083.771	1439.271	88.23662	123.5136	87.39609	80.90671	35.44613	7.278528	57.27534	22.25304	35.0223	28.59069	3
2082.305	2083.776	1439.276	88.60745	113.4449	90.62225	93.44049	15.4128	18.07037	66.51683	55.09855	11.41828	27.30008	3
2082.31	2083.78	1439.28	86.83986	113.5976	86.37015	85.49254	36.25693	7.407056	56.33601	40.0953	16.24071	27.64166	3
2082.315	2083.784	1439.284	88.59509	124.7511	86.83986	83.8362	41.90573	4.185718	53.90855	23.72915	30.1794	28.39233	3
2082.32	2083.788	1439.288	85.65323	67.99052	84.57785	81.15393	53.07955	1.945303	44.97515	15.37194	29.60321	30.40172	3
2082.325	2083.793	1439.293	87.58151	69.06003	86.77806	86.65445	48.93921	3.509526	47.55127	25.25339	22.29788	29.2932	3
2082.33	2083.797	1439.297	88.99063	65.02644	89.52214	91.06723	38.27301	8.946879	52.78011	18.66347	34.11664	27.96363	3
2082.335	2083.801	1439.301	88.85466	62.32209	88.64453	88.74341	44.80029	5.761983	49.43773	17.65303	31.78469	28.87563	3
2082.34	2083.806	1439.306	89.44798	128.2347	88.54564	86.90167	33.66815	7.792803	58.53905	27.77559	30.76346	27.63761	3
2082.345	2083.81	1439.31	88.75577	106.5388	87.13652	86.17238	45.11152	3.471959	51.41652	20.31426	31.10227	28.57991	3
2082.35	2083.814	1439.314	86.56793	61.58871	85.97461	85.7274	50.05123	3.373033	46.57574	26.08454	20.4912	29.51105	3
2082.355	2083.819	1439.319	84.09578	67.53215	83.4283	83.95981	51.46207	2.714189	45.82374	24.09057	21.73317	29.33807	3
2082.36	2083.823	1439.323	82.22931	68.44888	81.67308	80.12798	52.09521	2.529855	45.37493	23.18968	22.18526	29.68585	3
2082.365	2083.827	1439.327	82.7361	85.48471	81.89557	79.99202	49.7096	3.042545	47.24786	17.75478	29.49308	29.17687	3
2082.37	2083.832	1439.332	85.097	94.39223	83.99689	82.71138	47.39366	3.504809	49.10153	30.7369	18.36464	28.79655	3
2082.375	2083.836	1439.336	87.1118	97.44798	87.55678	86.49376	32.82609	9.69229	57.48162	23.53199	33.94963	27.75914	3
2082.38	2083.84	1439.34	85.94989	88.40295	86.35779	85.34421	36.37133	8.326619	55.30205	23.29396	32.00809	27.9689	3
2082.385	2083.844	1439.344	85.94989	106.6305	86.98819	87.60623	27.07468	11.76257	61.16275	36.95908	24.20367	27.26482	3
2082.39	2083.849	1439.349	88.79286	120.2745	89.23784	87.27249	25.75551	12.20767	62.03682	43.45974	18.57708	27.65157	3
2082.395	2083.853	1439.353	90.1649	102.0011	89.34909	84.91159	38.68655	6.627813	54.68563	19.70883	34.9768	28.76599	3
2082.4	2083.857	1439.357	91.41333	121.069	90.74585	88.61981	31.77401	9.047412	59.17858	30.2376	28.94098	27.83716	3
2082.405	2083.862	1439.362	93.23036	116.2256	92.47635	90.65933	31.94501	9.159074	58.89591	24.49998	34.39594	27.91774	3
2082.41	2083.866	1439.366	95.13391	69.07531	95.09683	95.54182	36.04796	10.66073	53.29131	31.45486	21.83645	28.07883	3
2082.415	2083.87	1439.37	96.22166	79.48015	96.24638	97.75439	32.05029	12.49389	55.45582	32.44027	23.01554	27.56748	3
2082.42	2083.875	1439.375	96.70373	54.02572	96.60484	97.81619	38.72471	10.43204	50.84324	30.85255	19.9907	28.27235	3
2082.425	2083.879	1439.379	96.60484	80.18297	96.28346	96.36999	34.20996	10.85908	54.93097	27.97462	26.95634	27.99846	3
2082.43	2083.883	1439.383	94.76309	75.416	94.76309	94.12033	34.56729	11.02581	54.4069	30.22216	24.18474	28.12885	3
2082.435	2083.888	1439.388	93.18092	85.80556	92.37747	91.57402	39.73533	6.852367	53.4123	18.66046	34.75184	28.4925	3
2082.44	2083.892	1439.392	96.19694	129.0445	94.86198	93.48993	30.61599	8.407738	60.97627	38.06292	22.91336	27.88626	3
2082.445	2083.896	1439.396	104.1943	410.7238	97.95216	94.52824	0	0	100	100	0	-9999	3
2082.45	2083.9	1439.4	99.02754	226.2174	94.65184	90.90654	28.06171	0	71.93829	40.06773	31.87057	26.86966	3
2082.455	2083.905	1439.405	93.19328	97.75356	91.96956	90.86946	40.0896	5.728034	54.18237	34.93213	19.25024	28.49801	3
2082.46	2083.909	1439.409	92.06845	62.88741	92.37747	95.04739	37.68338	9.85051	52.46611	25.18382	27.28229	27.78181	3
2082.465	2083.913	1439.413	91.19084	51.33666	91.73471	92.37747	39.46595	9.538821	50.99523	23.14295	27.85228	28.38487	3
2082.47	2083.918	1439.418	88.71869	54.45353	88.70633	87.28485	45.29684	5.928307	48.77485	30.21388	18.56097	29.29495	3
2082.475	2083.922	1439.422	87.35901	51.56584	87.27249	85.36893	47.82134	4.791672	47.38698	27.49973	19.88725	29.68113	3

2082.48	2083.926	1439.426	88.13774	50.46577	88.29843	89.23784	45.45522	6.019458	48.52532	16.82091	31.70441	28.90269	3
2082.485	2083.931	1439.431	85.51726	33.91886	85.34421	85.29477	54.45689	2.497501	43.04561	15.6648	27.38081	30.48722	3
2082.49	2083.935	1439.435	84.49132	47.74615	83.86093	83.31705	55.59899	1.614203	42.7868	17.06285	25.72396	30.51522	3
2082.495	2083.939	1439.439	87.96469	91.71844	86.4814	82.09334	48.3721	2.775133	48.85276	23.69734	25.15542	29.73494	3
2082.5	2083.944	1439.444	94.84962	148.8152	95.62834	99.81863	10.68995	20.22199	69.08806	62.23019	6.857871	27.09847	3
2082.505	2083.948	1439.448	96.75317	140.8244	96.76553	95.96208	16.81178	16.97043	66.21779	52.22717	13.99061	27.67663	3
2082.51	2083.952	1439.452	98.22409	84.15545	98.40951	97.0251	27.83128	15.40956	56.75917	28.35877	28.40039	27.86607	3
2082.515	2083.956	1439.456	97.06219	59.96916	97.53189	99.62086	32.55002	14.47608	52.9739	21.56465	31.40926	27.51094	3
2082.52	2083.961	1439.461	95.88792	57.41761	95.50473	93.89784	40.85772	8.512151	50.63013	35.37374	15.25639	29.0185	3
2082.525	2083.965	1439.465	94.18214	52.68119	94.3181	94.70129	39.54983	9.787057	50.66311	18.835	31.8281	28.47491	3
2082.53	2083.969	1439.469	90.90654	61.20674	91.35153	91.59874	38.10531	9.568191	52.3265	31.53946	20.78705	28.25697	3
2082.535	2083.974	1439.474	87.77928	76.02715	87.70511	87.69275	41.41927	6.686056	51.89468	32.62757	19.2671	28.34863	3
2082.54	2083.978	1439.478	86.32071	72.23801	86.69153	87.35901	40.22948	7.299377	52.47115	22.00955	30.4616	28.12133	3
2082.545	2083.982	1439.482	87.26013	105.4235	86.35779	84.76326	41.20128	5.513505	53.28521	33.34048	19.94473	28.22479	3
2082.55	2083.987	1439.487	83.81148	99.77035	84.15758	82.0439	36.06673	7.852479	56.08079	33.06379	23.017	27.92382	3
2082.555	2083.991	1439.491	85.61615	108.2959	85.81392	87.1118	33.4928	8.789991	57.71721	24.09426	33.62295	27.15261	3
2082.56	2083.995	1439.495	87.66803	114.1171	87.77928	86.32071	30.86691	9.886533	59.24656	32.75154	26.49502	27.60313	3
2082.565	2084	1439.5	88.68161	145.515	88.33551	90.77057	25.88057	10.77649	63.34294	27.67612	35.66682	26.55743	3
2082.57	2084.004	1439.504	87.22304	88.81548	86.64209	87.08708	42.76385	5.494278	51.74187	33.5097	18.23217	28.20066	3
2082.575	2084.008	1439.508	86.44432	70.63374	86.67917	84.61493	41.55774	6.778243	51.66401	27.08171	24.5823	28.75761	3
2082.58	2084.012	1439.512	90.05365	114.5908	89.17604	91.66055	36.22117	7.189238	56.58959	38.36456	18.22503	27.18202	3
2082.585	2084.017	1439.517	87.5197	94.6978	87.08708	86.65445	39.91785	6.531237	53.55091	30.34908	23.20183	28.06186	3
2082.59	2084.021	1439.521	88.82994	105.2249	88.76814	89.17604	33.29101	9.220239	57.48875	29.16027	28.32848	27.46611	3
2082.595	2084.025	1439.525	91.265	102.0163	91.04251	91.27736	33.07257	9.611359	57.31607	22.07128	35.24479	27.60999	3
2082.6	2084.03	1439.53	90.98071	96.62293	91.12904	90.36267	31.76545	10.70213	57.53242	28.1187	29.41372	27.77675	3
2082.605	2084.034	1439.534	94.24394	117.4173	95.71487	97.04983	13.4809	21.30129	65.21781	52.50751	12.7103	27.51084	3
2082.61	2084.038	1439.538	96.41943	104.0331	97.60606	98.9163	16.92172	21.12368	61.95459	47.4703	14.4843	27.29099	3
2082.615	2084.043	1439.543	96.97566	88.67797	98.29826	99.31184	19.07219	21.55831	59.3695	46.14068	13.22882	27.26691	3
2082.62	2084.047	1439.547	94.72601	69.7323	95.05975	97.85327	33.39037	12.37751	54.23212	26.86044	27.37168	27.42713	3
2082.625	2084.051	1439.551	89.33673	64.9806	89.74463	90.20198	38.92365	8.657185	52.41917	30.92043	21.49874	28.22002	3
2082.63	2084.056	1439.556	87.09944	76.11882	86.91403	82.19223	42.8847	5.977911	51.13739	19.36594	31.77145	29.32278	3
2082.635	2084.06	1439.56	86.91403	84.2624	87.28485	86.37015	36.77372	8.424871	54.80141	34.65697	20.14444	28.05135	3
2082.64	2084.064	1439.564	85.59143	99.17448	85.05992	82.81026	41.37488	5.765387	52.85974	29.97832	22.88142	28.34807	3
2082.645	2084.068	1439.568	86.39488	127.4096	85.56671	82.66193	36.10189	6.971756	56.92635	30.19222	26.73413	27.79343	3
2082.65	2084.073	1439.573	88.50856	172.8029	87.18596	85.97461	27.00397	8.949183	64.04685	39.84623	24.20062	26.87885	3
2082.655	2084.077	1439.577	95.04739	125.6526	96.5554	97.43301	10.46141	22.94581	66.59278	50.4244	16.16838	27.76401	3
2082.66	2084.081	1439.581	98.06341	104.079	99.81863	103.0819	10.99157	26.80458	62.20385	43.36328	18.84057	27.0808	3
2082.665	2084.086	1439.586	98.45895	73.53671	98.9163	99.39836	28.07744	16.6451	55.27746	32.69334	22.58412	27.50837	3
2082.67	2084.09	1439.59	97.64314	64.36945	97.3094	97.01274	37.17739	10.43456	52.38805	36.4127	15.97535	28.39151	3
2082.675	2084.094	1439.594	96.98802	70.38928	96.39471	91.33917	38.33501	8.900645	52.76435	23.67575	29.0886	29.37201	3
2082.68	2084.099	1439.599	96.64192	80.8094	95.34404	90.86946	41.5921	5.525009	52.88289	18.47366	34.40923	29.61185	3
2082.685	2084.103	1439.603	95.56654	79.5871	94.8867	91.09195	38.08747	8.230524	53.68201	23.19634	30.48567	29.03001	3
2082.69	2084.107	1439.607	98.36006	70.78653	98.03868	94.36755	34.86909	11.45825	53.67266	36.31833	17.35433	28.79754	3
2082.695	2084.112	1439.612	101.4008	61.11507	101.2278	101.1165	33.26255	14.2864	52.45105	29.77429	22.67676	27.98351	3
2082.7	2084.116	1439.616	104.8124	73.27697	104.2067	102.6863	30.53359	14.80849	54.65793	34.8224	19.83553	28.10181	3
2082.705	2084.12	1439.62	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2083	2084.374	1439.874	165.7755	43.95702	165.998	167.7285	0	100	0	0	0	-9999	3
2083.005	2084.379	1439.879	165.5036	82.1081	166.307	169.1871	0	100	0	0	0	-9999	3
2083.01	2084.383	1439.883	153.217	215.5681	153.9463	158.8535	0	100	0	0	0	-9999	3
2083.015	2084.387	1439.887	141.1406	224.7048	139.373	141.2889	0	58.65715	41.34285	41.34285	0	-9999	3
2083.02	2084.392	1439.892	139.1381	214.3	136.6412	135.8749	0	21.44264	78.55736	78.55736	0	-9999	3
2083.025	2084.396	1439.896	135.022	133.567	134.0208	131.4868	0	67.0006	32.9994	32.9994	0	-9999	3
2083.03	2084.4	1439.9	130.498	98.56333	129.6822	127.9393	2.412061	56.82532	40.76262	40.76262	0	-9999	3
2083.035	2084.404	1439.904	127.3954	83.19289	126.9752	125.6278	5.920586	57.7078	36.37162	29.08705	7.28457	-9999	3
2083.04	2084.409	1439.909	124.7626	73.29225	124.9356	125.121	6.140558	63.48269	30.37675	19.23922	11.13753	-9999	3
2083.045	2084.413	1439.913	123.2546	68.54055	123.2175	123.7119	10.30636	53.73528	35.95836	33.49371	2.464647	23.17034	3
2083.05	2084.417	1439.917	123.8108	94.7742	123.2422	124.2434	7.565301	45.38713	47.04757	42.97555	4.07202	-9999	3
2083.055	2084.422	1439.922	122.8343	77.99811	122.8096	123.7366	8.308483	53.44947	38.24205	22.24451	15.99754	23.41837	3
2083.06	2084.426	1439.926	124.0209	82.81092	124.1198	123.7366	5.094126	60.0125	34.89337	27.9648	6.928574	-9999	3
2083.065	2084.43	1439.93	124.4536	91.68789	124.3176	123.7614	4.368003	56.54813	39.08387	33.08043	6.003442	-9999	3
2083.07	2084.435	1439.935	122.8467	104.8887	123.0815	125.7514	0	60.87044	39.12956	39.12956	0	-9999	3
2083.075	2084.439	1439.939	123.7737	67.31825	123.9097	123.3164	8.783402	59.03405	32.18255	25.15341	7.02914	22.76036	3
2083.08	2084.443	1439.943	118.6317	83.23873	118.953	120.0037	8.224411	49.18462	42.59097	30.98136	11.6096	24.39501	3
2083.085	2084.448	1439.948	119.6947	100.6107	119.8307	121.487	4.479351	49.75196	45.76869	45.76869	0	-9999	3
2083.09	2084.452	1439.952	119.9419	106.8597	120.0655	120.597	2.835448	50.57788	46.58667	46.1302	0.456471	-9999	3
2083.095	2084.456	1439.956	118.953	104.079	119.0519	118.5451	4.609727	47.47546	47.91481	47.91481	0	-9999	3
2083.1	2084.46	1439.96	118.78	124.9039	118.9901	119.4227	0	50.41686	49.58314	49.58314	0	-9999	3
2083.105	2084.465	1439.965	116.9877	141.6036	118.1002	121.2769	0	62.11647	37.88353	37.88353	0	-9999	3
2083.11	2084.469	1439.969	117.6922	89.41135	117.3461	115.7763	12.76787	36.22849	51.00365	42.8002	8.203451	26.08665	3
2083.115	2084.473	1439.973	116.5921	145.5761	117.4327	120.6094	0	56.73954	43.26046	43.26046	0	-9999	3
2083.12	2084.478	1439.978	111.5737	159.4492	112.2164	114.738	0	42.99591	57.00409	57.00409	0	-9999	3
2083.125	2084.482	1439.982	107.0744	155.5531	105.1337	99.39836	18.88763	10.34462	70.76774	43.19123	27.57652	29.22769	3
2083.13	2084.486	1439.986	105.1337	183.1008	104.182	100.6839	6.34284	19.57964	74.07753	62.82068	11.25685	-9999	3

2083.135	2084.491	1439.991	103.1189	189.8234	101.2525	95.12155	13.65845	11.78705	74.5545	46.46389	28.0906	29.21954	3
2083.14	2084.495	1439.995	101.4626	151.5807	99.83099	98.18701	22.61691	10.22849	67.15459	38.27655	28.87805	28.04039	3
2083.145	2084.499	1439.999	99.47253	119.0216	98.58256	98.48367	26.57933	11.89369	61.52698	35.56969	25.95729	27.66249	3
2083.15	2084.504	1440.004	99.39836	134.2698	98.2859	96.92622	24.68182	11.48011	63.83807	34.97369	28.86438	27.84889	3
2083.155	2084.508	1440.008	99.86807	120.2439	99.62086	99.97932	20.93826	16.44113	62.62061	45.08933	17.53128	27.42939	3
2083.16	2084.512	1440.012	101.1165	107.5778	100.894	101.3637	22.66331	16.81365	60.52304	45.07694	15.4461	27.40358	3
2083.165	2084.516	1440.016	98.84213	129.1056	97.86563	96.79025	25.38954	11.67546	62.93499	38.04293	24.89206	27.78029	3
2083.17	2084.521	1440.021	96.41943	111.6572	95.49237	93.26744	31.45775	9.51574	59.02651	31.45956	27.56695	28.1518	3
2083.175	2084.525	1440.025	101.8211	209.3955	100.3131	99.16351	7.337975	15.1283	77.53373	62.47517	15.05856	-9999	3
2083.18	2084.529	1440.029	101.6851	170.2055	100.8569	100.721	11.67829	17.17472	71.14698	61.19886	9.94812	27.94895	3
2083.185	2084.534	1440.034	100.3996	109.5946	99.9546	97.14871	24.55913	14.81109	60.62978	45.85685	14.77293	28.07822	3
2083.19	2084.538	1440.038	102.9459	95.26312	102.3526	101.3884	26.83429	14.79568	58.37002	25.51604	32.85398	27.83757	3
2083.195	2084.542	1440.042	104.2932	84.38463	103.7988	103.1931	27.46099	16.01436	56.52465	26.46264	30.06201	27.73718	3
2083.2	2084.547	1440.047	106.9384	117.4479	105.7147	103.3538	22.67804	14.10332	63.21863	35.09235	28.12628	28.22387	3
2083.205	2084.551	1440.051	108.397	143.269	106.9631	102.674	16.71598	14.8804	68.40362	54.08919	14.31443	28.76137	3
2083.21	2084.555	1440.055	110.3994	164.6134	109.3488	104.6146	6.738716	21.83834	71.42295	63.65263	7.770317	-9999	3
2083.215	2084.56	1440.06	110.4983	161.6799	110.041	108.1498	2.759462	28.31247	68.92807	68.92807	0	-9999	3
2083.22	2084.564	1440.064	110.4118	162.5355	107.7913	105.999	19.39625	5.285826	75.31792	41.8459	33.47202	29.10248	3
2083.225	2084.568	1440.068	110.2882	109.7474	109.2869	106.8395	19.73547	18.5662	61.69833	48.76257	12.93576	27.98273	3
2083.23	2084.572	1440.072	110.5477	86.50838	109.8803	107.3834	22.53401	20.9429	56.52308	38.6456	17.87748	27.6817	3
2083.235	2084.577	1440.077	111.3141	63.78886	111.0916	109.1263	23.87844	25.53169	50.58987	18.60408	31.98579	27.08571	3
2083.24	2084.581	1440.081	111.2152	106.9667	112.3153	113.6626	3.27025	44.44028	52.28947	52.28947	0	-9999	3
2083.245	2084.585	1440.085	110.4118	121.5426	111.2276	115.2077	2.685343	40.22416	57.0905	57.0905	0	-9999	3
2083.25	2084.59	1440.09	111.7838	86.46255	112.4142	114.9852	11.34937	38.33756	50.31307	44.69224	5.620827	25.55714	3
2083.255	2084.594	1440.094	111.277	113.017	111.1534	113.6132	11.23297	29.9741	58.79293	38.71721	20.07572	26.5003	3
2083.26	2084.598	1440.098	112.0187	146.9206	111.1411	109.3117	8.189522	24.27215	67.53833	62.10651	5.431822	28.19867	3
2083.265	2084.603	1440.103	110.6343	126.386	110.3994	107.9273	9.451186	28.63857	61.91025	46.22116	15.68909	27.74991	3
2083.27	2084.607	1440.107	108.5947	125.0414	109.2004	104.6888	5.138816	34.70519	60.15599	60.15599	0	-9999	3
2083.275	2084.611	1440.111	109.2746	120.7939	108.6318	107.7666	15.21662	22.09143	62.69195	43.44044	19.25152	27.59484	3
2083.28	2084.616	1440.116	111.4377	149.625	111.2152	109.3117	2.992379	31.50681	65.50081	65.50081	0	-9999	3
2083.285	2084.62	1440.12	108.5453	112.0545	109.1633	109.4971	8.231351	33.87707	57.89158	57.30073	0.590852	26.92695	3
2083.29	2084.624	1440.124	104.6022	140.1369	104.8124	103.3538	8.2243	26.06183	65.71386	48.59417	17.11969	28.03428	3
2083.295	2084.628	1440.128	101.5368	146.5845	99.53433	96.2711	26.63162	7.429978	65.9384	35.4287	30.5097	28.4831	3
2083.3	2084.633	1440.133	95.2946	108.6779	94.44171	93.65062	32.63882	9.150824	58.21035	34.99151	23.21884	27.90664	3
2083.305	2084.637	1440.137	95.85083	116.5312	94.82489	92.73593	31.56773	9.043693	59.38858	25.33062	34.05795	28.08445	3
2083.31	2084.641	1440.141	93.10675	130.389	92.59996	93.92256	26.71527	11.2138	62.07093	28.43562	33.63531	27.08687	3
2083.315	2084.646	1440.146	93.63826	167.8831	92.97078	92.97078	18.39805	13.25172	68.35022	35.20897	33.14125	27.26413	3
2083.32	2084.65	1440.15	93.16856	117.1729	92.84718	92.32803	28.41978	11.23314	60.34708	31.40538	28.9417	27.54206	3
2083.325	2084.654	1440.154	93.83604	173.521	92.05609	90.58516	25.47335	8.492362	66.03429	34.69462	31.33966	27.3469	3
2083.33	2084.659	1440.159	96.93858	152.0849	94.5406	92.21678	32.59633	4.593041	62.81063	35.18117	27.62945	28.14424	3
2083.335	2084.663	1440.163	97.09927	116.3784	96.39471	95.78903	27.96546	11.43809	60.59645	44.69035	15.90611	27.70321	3
2083.34	2084.667	1440.167	97.87799	116.2714	97.76675	98.71852	22.67672	15.45238	61.87089	44.69621	17.17468	27.3	3
2083.345	2084.672	1440.172	97.11163	167.7609	96.25874	95.41821	16.66907	14.0724	69.25853	41.51044	27.74808	27.66195	3
2083.35	2084.676	1440.176	96.97566	186.1107	96.07333	98.61964	12.73669	14.96107	72.30223	62.89416	9.408071	27.20423	3
2083.355	2084.68	1440.18	96.92622	130.6335	96.70373	97.6555	20.9389	15.05217	64.00893	47.95696	16.05197	27.27466	3
2083.36	2084.684	1440.184	94.65184	120.0147	93.46521	90.99307	33.07313	7.952078	58.9748	25.73082	33.24398	28.14968	3
2083.365	2084.689	1440.189	101.3143	124.522	100.1276	98.40951	25.85293	11.35998	62.78708	37.51954	25.26754	28.04426	3
2083.37	2084.693	1440.193	101.3266	155.5379	99.9546	99.62086	19.77265	12.19429	68.03306	42.90534	25.12772	27.75414	3
2083.375	2084.697	1440.197	100.4243	112.4059	98.95338	98.59492	31.8071	8.214306	59.9786	26.64718	33.33142	28.08687	3
2083.38	2084.702	1440.202	98.38478	112.6351	96.9633	94.33046	33.24481	7.682417	59.07277	34.6348	24.43797	28.47236	3
2083.385	2084.706	1440.206	97.43301	98.79251	96.76553	94.14505	31.62681	10.66063	57.71256	38.71977	18.99279	28.30497	3
2083.39	2084.71	1440.21	97.64314	112.2989	97.21051	98.05104	26.34481	13.08242	60.57276	41.74473	18.82803	27.39905	3
2083.395	2084.715	1440.215	98.12521	109.2737	97.25996	95.50473	29.98626	10.60984	59.4039	38.0906	21.3133	28.06815	3
2083.4	2084.719	1440.219	100.9682	146.8748	98.80505	96.29582	28.32982	6.259106	65.41108	28.2514	37.15968	28.37778	3
2083.405	2084.723	1440.223	103.4156	125.897	101.2525	101.9447	31.1548	5.40872	63.43648	42.80347	20.63301	28.17881	3
2083.41	2084.728	1440.228	103.8111	132.7725	101.8334	103.5268	27.69011	7.34881	64.96108	33.03031	31.93077	27.7882	3
2083.415	2084.732	1440.232	106.6047	130.5265	106.1102	108.5453	14.16811	21.37324	64.45864	49.14822	15.31042	27.1184	9
2083.42	2084.736	1440.236	105.8012	133.9948	105.9743	106.6788	8.894995	26.8264	64.2786	48.30448	15.97412	27.48429	9
2083.425	2084.74	1440.24	108.5206	101.9858	108.1868	108.8296	18.06699	23.15574	58.77727	29.66659	29.11068	27.0592	9
2083.43	2084.745	1440.245	111.1781	108.0056	111.0298	111.2029	12.7283	29.19366	58.07804	36.67334	21.4047	26.86609	9
2083.435	2084.749	1440.249	107.7789	97.75356	107.4328	106.135	19.86929	21.86436	58.26635	30.29716	27.96919	27.46491	9
2083.44	2084.753	1440.253	110.1151	109.0598	109.0768	108.0632	20.34844	17.95668	61.69488	37.90548	23.7894	27.75172	9
2083.445	2084.758	1440.258	101.9447	125.2095	102.538	102.4638	11.31201	24.92826	63.75973	47.66882	16.09091	27.59791	9
2083.45	2084.762	1440.262	101.5244	240.1822	101.8087	101.7345	0	29.85773	70.14227	70.14227	0	-9999	9
2083.455	2084.766	1440.266	96.79025	312.4814	97.74203	101.0794	0	34.17006	65.82994	65.82994	0	-9999	9
2083.46	2084.771	1440.271	101.5739	200.8394	101.3266	103.8111	0	23.33474	76.66526	76.66526	0	-9999	9
2083.465	2084.775	1440.275	99.84335	271.5801	100.276	102.9706	0	31.25278	68.74722	68.74722	0	-9999	9
2083.47	2084.779	1440.279	102.0683	307.8366	102.7234	105.2697	0	37.88902	62.11098	62.11098	0	-9999	9
2083.475	2084.784	1440.284	103.3167	265.2852	102.4144	102.7234	0	24.18481	75.81519	75.81519	0	-9999	9
2083.48	2084.788	1440.288	111.3636	212.161	109.0768	105.7147	3.924776	12.29792	83.7773	75.9415	7.835796	-9999	9
2083.485	2084.792	1440.292	114.5526	148.968	113.1559	112.2535	9.386246	20.51315	70.1006	59.65037	10.45024	28.27476	9
2083.49	2084.796	1440.296	112.3401	125.7137	111.0051	110.1398	16.57037	17.73921	65.69042	42.35385	23.33657	27.93889	9
2083.495	2084.801	1440.301	111.549	159.1589	110.0162	109.7072	10.73716	17.09355	72.16929	65.44629	6.723	28.36274	9

2083.5	2084.805	1440.305	114.1942	109.2432	114.1694	113.3413	8.696112	35.84921	55.45468	49.56839	5.886292	26.61833	9
2083.505	2084.809	1440.309	116.1595	117.127	116.6292	117.4079	1.148268	47.7884	51.06333	51.06333	0	-9999	9
2083.51	2084.814	1440.314	113.3907	161.084	112.1794	109.2869	6.08618	22.60065	71.31317	59.45987	11.8533	-9999	9
2083.515	2084.818	1440.318	121.351	153.8572	120.1026	118.4339	0.798981	31.06612	68.1349	68.1349	0	-9999	9
2083.52	2084.822	1440.322	118.6811	162.3827	117.581	115.3808	0.042573	30.48214	69.47528	69.47528	0	-9999	9
2083.525	2084.827	1440.327	112.303	147.9443	110.523	107.0249	14.67332	14.02009	71.30658	46.19142	25.11516	28.93205	9
2083.53	2084.831	1440.331	117.9889	216.5001	118.644	113.6379	0	62.27585	37.72415	37.72415	0	-9999	9
2083.535	2084.835	1440.335	117.0989	185.2703	117.8282	120.0284	0	58.97499	41.02501	41.02501	0	-9999	9
2083.54	2084.84	1440.34	118.3226	183.9105	118.199	119.3609	0	47.57454	52.42546	52.42546	0	-9999	9
2083.545	2084.844	1440.344	117.6304	125.5456	118.1743	119.0643	0	53.26216	46.73784	46.73784	0	-9999	9
2083.55	2084.848	1440.348	117.7788	161.5424	117.9024	114.7133	0	49.00341	50.99659	50.99659	0	-9999	9
2083.555	2084.852	1440.352	118.6811	128.907	118.3103	116.3449	2.491768	40.40934	57.0989	57.0989	0	-9999	9
2083.56	2084.857	1440.357	122.241	248.6925	121.1409	120.1026	0	41.66972	58.33028	58.33028	0	-9999	9
2083.565	2084.861	1440.361	121.6971	285.331	123.0444	122.686	0	92.93093	7.069067	7.069067	0	-9999	9
2083.57	2084.865	1440.365	120.4981	306.4462	119.8554	119.5711	0	51.13632	48.86368	48.86368	0	-9999	9
2083.575	2084.87	1440.37	118.8171	245.0867	117.5686	119.8183	0	33.81111	66.18889	66.18889	0	-9999	9
2083.58	2084.874	1440.374	114.6639	182.4285	114.7628	117.581	0	43.41212	56.58788	56.58788	0	-9999	9
2083.585	2084.878	1440.378	111.7838	174.8808	112.3153	117.3214	0	43.05577	56.94423	56.94423	0	-9999	9
2083.59	2084.883	1440.383	108.0262	100.1065	108.4217	110.4365	13.32471	29.86917	56.80612	33.43247	23.37365	26.50809	9
2083.595	2084.887	1440.387	110.8691	73.35336	110.968	112.5873	19.48253	29.29246	51.22501	31.60643	19.61858	26.16266	9
2083.6	2084.891	1440.391	115.8134	121.2217	114.3796	113.8728	15.22829	19.32239	65.44932	45.74282	19.70649	27.77952	9
2083.605	2084.896	1440.396	113.9099	139.0062	112.5625	110.3623	12.00515	19.88741	68.10745	46.00981	22.09763	28.31388	9
2083.61	2084.9	1440.4	115.6774	140.9161	115.0718	114.6886	4.169046	32.26356	63.5674	63.5674	0	-9999	9
2083.615	2084.904	1440.404	114.3919	128.418	113.502	113.675	10.57954	25.6743	63.74616	44.52511	19.22105	27.37032	9
2083.62	2084.908	1440.408	117.3461	134.3309	116.9382	115.9123	2.694718	37.6218	59.68349	57.06619	2.617293	-9999	10
2083.625	2084.913	1440.413	118.7676	153.9947	118.335	118.6935	0	41.22026	58.77974	58.77974	0	-9999	10
2083.63	2084.917	1440.417	121.042	279.1431	118.4586	116.5674	0	15.41573	84.58427	84.58427	0	-9999	10
2083.635	2084.921	1440.421	117.7788	384.6124	112.9457	107.062	0	0	100	100	0	-9999	10
2083.64	2084.926	1440.426	116.6292	278.807	114.0087	110.0039	0	13.97811	86.02189	86.02189	0	-9999	10
2083.645	2084.93	1440.43	113.3784	248.9828	109.46	108.6318	5.805305	0	94.19469	73.13985	21.05484	-9999	10
2083.65	2084.934	1440.434	114.7751	458.6992	107.4205	101.4873	0	0	100	100	0	-9999	10
2083.655	2084.939	1440.439	119.2991	451.564	114.3301	109.8803	0	0	100	100	0	-9999	10
2083.66	2084.943	1440.443	117.89	300.8848	116.7034	110.1646	0	37.40201	62.59799	62.59799	0	-9999	10
2083.665	2084.947	1440.447	118.6317	223.9256	118.0383	118.953	0	42.96912	57.03088	57.03088	0	-9999	10
2083.67	2084.952	1440.452	125.3312	252.008	123.1804	118.6193	0	23.96912	76.03088	76.03088	0	-9999	10
2083.675	2084.956	1440.456	132.1049	206.1259	130.807	130.498	0	53.44282	46.55718	46.55718	0	-9999	10
2083.68	2084.96	1440.46	133.0319	280.2279	131.3509	130.3991	0	48.06299	51.93701	51.93701	0	-9999	10
2083.685	2084.964	1440.464	131.6599	251.8705	129.2372	123.6378	0	21.48173	78.51827	78.51827	0	-9999	10
2083.69	2084.969	1440.469	129.0023	302.3974	125.9863	123.7366	0	8.2971	91.7029	91.7029	0	-9999	10
2083.695	2084.973	1440.473	123.4647	245.7437	120.9926	116.5056	0	15.90904	84.09096	84.09096	0	-9999	10
2083.7	2084.977	1440.477	129.3484	277.218	125.8503	125.2323	0	0	100	100	0	-9999	10
2083.705	2084.982	1440.482	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2084	2085.236	1440.736	126.6785	131.596	126.9628	128.1741	0	77.01702	22.98298	22.98298	0	-9999	3
2084.005	2085.241	1440.741	120.3745	132.4516	120.4363	121.8949	0	52.25704	47.74296	47.74296	0	-9999	3
2084.01	2085.246	1440.746	115.9617	80.83996	116.2213	115.2448	11.74022	41.62968	46.63011	30.30956	16.32055	25.52196	3
2084.015	2085.251	1440.751	115.2201	87.71541	115.319	116.4933	12.00401	38.12164	49.87435	45.61728	4.257075	25.56695	3
2084.02	2085.257	1440.757	114.8493	73.97979	114.7009	114.3301	17.5851	32.92193	49.49297	25.28321	24.20976	26.05068	3
2084.025	2085.262	1440.762	119.1137	151.9473	117.6675	112.5131	4.852203	24.62654	70.52126	70.52126	0	-9999	3
2084.03	2085.267	1440.767	118.2361	78.51759	117.9518	116.2213	14.42481	37.57747	47.99772	25.49542	22.5023	25.76017	3
2084.035	2085.272	1440.772	117.3461	94.16305	117.8035	118.335	5.709649	48.96009	45.33026	36.94077	8.389489	-9999	3
2084.04	2085.278	1440.778	117.0866	96.47014	117.8159	114.1818	3.282636	52.94732	43.77004	43.24456	0.525484	-9999	3
2084.045	2085.283	1440.783	112.7603	78.18145	112.7974	111.7591	17.05321	32.0262	50.92059	25.59129	25.3293	26.4048	3
2084.05	2085.288	1440.788	110.1151	107.9139	110.4736	111.4501	9.800844	33.39468	56.80447	39.38959	17.41488	26.60724	3
2084.055	2085.293	1440.793	105.4304	98.31887	104.3179	100.8322	27.83247	12.72041	59.44712	40.01462	19.4325	28.5138	3
2084.06	2085.298	1440.798	107.2598	140.5494	105.5046	102.2166	20.91103	11.06047	68.0285	47.12783	20.90067	28.66396	3
2084.065	2085.304	1440.804	112.8098	107.9139	112.1423	109.7567	15.27282	25.15431	59.57287	37.6167	21.95618	27.51612	3
2084.07	2085.309	1440.809	118.4339	85.04162	118.2979	118.5451	11.5145	40.93135	47.55415	32.81422	14.73993	25.22683	3
2084.075	2085.314	1440.814	117.3338	67.30297	117.8529	118.7182	11.74218	48.14213	40.11569	25.47808	14.6376	24.271	3
2084.08	2085.319	1440.819	110.3994	77.20361	111.3265	113.7986	12.56459	38.53797	48.89744	34.97806	13.91938	25.51673	3
2084.085	2085.325	1440.825	108.6318	71.07683	108.9532	108.2239	20.36744	28.07431	51.55825	27.78316	23.77509	26.75878	3
2084.09	2085.33	1440.83	105.7394	170.8472	104.0954	105.5169	14.11554	13.33225	72.55221	57.10284	15.44936	27.86679	3
2084.095	2085.335	1440.835	105.1708	166.4011	104.046	103.0819	11.69119	17.03123	71.27758	52.33844	18.93914	28.22323	3
2084.1	2085.34	1440.84	101.1165	101.4357	100.3996	96.69136	27.98151	12.92014	59.09835	31.69026	27.40809	28.40563	3
2084.105	2085.345	1440.845	107.816	148.418	107.4699	103.9348	7.574394	25.32738	67.09823	65.26787	1.830356	-9999	3
2084.11	2085.351	1440.851	103.7864	129.9765	103.0571	101.7098	18.71413	16.75838	64.52749	32.33101	32.19648	27.85501	3
2084.115	2085.356	1440.856	105.1832	212.0999	102.3649	97.29704	13.74472	6.575042	79.68024	49.0735	30.60674	29.4505	3
2084.12	2085.361	1440.861	102.8223	111.1378	101.7222	99.21295	27.03397	11.95552	61.0105	38.84263	22.16787	28.25959	3
2084.125	2085.366	1440.866	98.96574	127.6235	97.81619	96.88914	26.97562	10.58189	62.4425	27.2126	35.22989	27.81004	3
2084.13	2085.372	1440.872	97.19815	106.8444	96.51831	96.29582	29.99011	10.99337	59.01652	40.40124	18.61529	27.73846	3
2084.135	2085.377	1440.877	100.1895	192.1305	97.85327	91.42569	19.4355	8.084475	72.48002	40.52657	31.95345	28.86504	3
2084.14	2085.382	1440.882	97.79147	185.6829	97.35884	94.42935	8.449443	18.13635	73.41421	53.61034	19.80386	28.57375	3
2084.145	2085.387	1440.887	96.01152	178.4102	94.03381	91.45041	23.82144	8.366905	67.81165	32.55011	35.26154	27.71731	3
2084.15	2085.392	1440.892	97.13635	158.2728	95.73959	96.44415	23.15746	10.41005	66.43249	40.27184	26.16064	27.27602	3

2084.155	2085.398	1440.898	91.69763	109.6404	91.11667	93.44049	33.60759	8.780263	57.61214	28.27182	29.34032	27.1921	3
2084.16	2085.403	1440.903	89.67047	120.4272	88.53328	88.22426	37.17298	6.438574	56.38845	32.07444	24.31401	27.65606	3
2084.165	2085.408	1440.908	87.82872	86.79868	87.5197	87.89052	40.58719	6.574541	52.83827	26.51975	26.31852	28.06632	3
2084.17	2085.413	1440.913	84.84978	110.0988	86.4196	88.24898	23.12824	13.13615	63.73561	31.91238	31.82323	27.08066	3
2084.175	2085.419	1440.919	89.01535	182.9785	89.2502	89.85588	12.00496	15.73475	72.26029	55.69393	16.56636	27.33616	3
2084.18	2085.424	1440.924	89.44798	76.89804	89.5345	90.47392	38.42797	8.222258	53.34977	25.41625	27.93353	27.96407	3
2084.185	2085.429	1440.929	90.94362	141.8634	90.23906	91.92012	27.46129	10.08982	62.44889	40.82109	21.6278	26.82304	3
2084.19	2085.434	1440.934	94.92378	221.6185	94.05853	97.07455	5.744136	16.53143	77.72443	72.53972	5.184711	-9999	3
2084.195	2085.439	1440.939	97.85327	117.0354	97.79147	96.39471	22.13141	15.7859	62.08269	48.28103	13.80166	27.72108	3
2084.2	2085.445	1440.945	104.2932	103.8345	103.6999	100.3996	23.52048	16.51471	59.96481	44.71605	15.24876	28.15167	3
2084.205	2085.45	1440.95	109.3982	134.2851	109.2869	109.5342	7.718829	28.82273	63.45845	47.23623	16.22222	-9999	3
2084.21	2085.455	1440.955	104.9731	124.8581	104.5899	102.6987	16.1788	20.33038	63.49082	46.34929	17.14153	27.85468	3
2084.215	2085.46	1440.96	109.5094	170.6944	109.2869	105.5293	0	30.22614	69.77386	69.77386	0	-9999	3
2084.22	2085.466	1440.966	108.2857	148.5402	107.0126	105.6776	14.29736	16.71105	68.99159	40.83365	28.15794	28.20374	3
2084.225	2085.471	1440.971	106.5923	136.8672	106.2586	103.0571	11.39969	23.27938	65.32093	53.04371	12.27722	28.22424	3
2084.23	2085.476	1440.976	109.4229	133.8114	109.0892	108.7307	9.535028	26.42411	64.04086	49.10159	14.93927	27.58299	3
2084.235	2085.481	1440.981	107.0744	132.6503	107.0744	109.2869	9.390208	26.74384	63.86595	59.88986	3.976091	27.13139	3
2084.24	2085.486	1440.986	101.0918	120.9314	101.0176	96.08569	18.30492	18.75259	62.94249	45.82409	17.1184	28.38704	3
2084.245	2085.492	1440.992	96.66664	113.5518	95.56654	94.02145	32.11297	8.819172	59.06786	23.99878	35.06908	28.06683	3
2084.25	2085.497	1440.997	95.49237	128.7389	93.92256	91.52458	33.15825	6.933087	59.90866	25.19171	34.71695	28.14984	3
2084.255	2085.502	1441.002	92.31567	125.8818	91.90776	91.49986	27.76746	10.9541	61.27845	44.98844	16.29001	27.40939	3
2084.26	2085.507	1441.007	89.60867	121.3134	87.98941	82.77318	40.75141	4.655734	54.59285	27.90052	26.69233	28.81099	3
2084.265	2085.513	1441.013	87.28485	99.81619	86.37015	81.85849	42.6313	5.100316	52.26838	25.65311	26.61527	28.94949	3
2084.27	2085.518	1441.018	84.04634	57.86069	84.03398	83.70024	48.77088	4.022289	47.20683	34.10374	13.1031	29.27027	3
2084.275	2085.523	1441.023	83.10692	63.84997	82.90915	85.17116	49.62267	3.514235	46.86309	32.09836	14.76474	28.76023	3
2084.28	2085.528	1441.028	93.61354	146.172	92.13025	90.43683	29.9974	7.946852	62.05574	44.37197	17.68378	27.62374	3
2084.285	2085.533	1441.033	100.7086	262.5198	101.7098	106.308	0	35.72582	64.27418	64.27418	0	-9999	3
2084.29	2085.539	1441.039	106.5058	224.3534	107.7048	108.4711	0	43.86439	56.13561	56.13561	0	-9999	3
2084.295	2085.544	1441.044	106.0608	133.9948	106.1473	102.6245	9.326756	26.35994	64.3133	58.07375	6.23955	28.24432	3
2084.3	2085.549	1441.049	99.15115	74.31593	98.85449	98.9163	33.09558	12.44772	54.4567	25.98949	28.4672	27.95182	3
2084.305	2085.554	1441.054	92.63704	55.64527	92.41455	92.62468	43.03209	7.242912	49.725	27.81148	21.91352	28.83359	3
2084.31	2085.56	1441.06	84.82506	37.40242	85.01047	86.60501	51.47262	3.597216	44.93016	29.86159	15.06858	29.61828	3
2084.315	2085.565	1441.065	81.33934	41.57353	81.99445	84.02161	50.02985	3.713066	46.25709	31.20686	15.05023	29.14722	3
2084.32	2085.57	1441.07	80.26395	28.08238	79.64592	79.16385	64.15101	0	35.84899	22.59713	13.25186	30.98395	3
2084.325	2085.575	1441.075	79.12677	83.40679	76.82767	74.59038	64.83693	0	35.16307	17.68257	17.4805	29.87933	3
2084.33	2085.58	1441.08	84.30591	128.7236	82.39	82.55069	46.13577	3.27149	50.59274	31.03215	19.56059	27.76948	3
2084.335	2085.586	1441.086	91.92012	170.4041	89.90532	84.33063	29.81039	6.873871	63.31574	34.36831	28.94743	27.9864	3
2084.34	2085.591	1441.091	85.7892	184.1397	82.64957	77.51987	40.84423	3.600469	55.5553	24.0445	31.51081	27.53778	3
2084.345	2085.596	1441.096	82.92151	127.2569	80.68422	78.16263	50.25507	2.159604	47.58533	14.52587	33.05946	28.63424	3
2084.35	2085.601	1441.101	76.07366	63.33049	76.17255	76.6917	53.91988	1.952622	44.12749	29.23649	14.891	29.29645	3
2084.355	2085.606	1441.106	76.11075	49.33514	75.35674	74.00942	63.88254	0	36.11746	12.97399	23.14347	30.66038	3
2084.36	2085.612	1441.112	75.73992	46.56968	75.18369	75.18369	63.36021	0	36.63979	8.42213	28.21766	30.51711	3
2084.365	2085.617	1441.117	71.26534	31.88679	71.17881	72.47669	67.38985	0	32.61015	16.23889	16.37126	29.64856	3
2084.37	2085.622	1441.122	73.83637	66.84461	73.16889	72.11823	61.06711	0.197559	38.73533	11.79805	26.93728	30.52097	3
2084.375	2085.627	1441.127	67.90322	91.93235	68.75611	67.4706	48.67151	3.036018	48.29247	34.23314	14.05934	27.95773	3
2084.38	2085.633	1441.133	72.52613	83.10122	72.11823	67.82906	56.32672	1.496973	42.17631	13.2191	28.95721	29.89142	3
2084.385	2085.638	1441.138	69.73261	44.4001	69.609	68.9168	66.05913	0	33.94087	17.91719	16.02367	30.01173	3
2084.39	2085.643	1441.143	72.58794	97.35631	72.63738	67.33463	49.27569	3.255381	47.46893	30.43245	17.03648	28.89236	3
2084.395	2085.648	1441.148	78.2986	68.55583	78.28624	73.3543	51.47058	2.716834	45.81259	21.36389	24.4487	29.99116	3
2084.4	2085.653	1441.153	75.87589	68.1433	75.91297	73.37903	53.41611	2.095165	44.48872	16.31131	28.17742	29.68084	3
2084.405	2085.659	1441.159	69.44831	53.8271	68.79319	67.71781	68.15856	0	31.84144	8.868208	22.97323	30.0324	3
2084.41	2085.664	1441.164	60.20249	21.52778	60.1036	59.96763	80.17035	0	19.82965	15.29363	4.536017	29.29564	3
2084.415	2085.669	1441.169	59.95527	50.19075	61.4262	64.23208	61.2953	0	38.7047	15.85717	22.84753	28.35644	3
2084.42	2085.674	1441.174	59.02822	20.27492	59.17654	59.49792	79.63796	0	20.36204	8.791657	11.57038	29.00536	3
2084.425	2085.68	1441.18	59.25071	19.19013	59.02822	59.10238	82.56966	0	17.43034	17.43034	0	29.4538	3
2084.43	2085.685	1441.185	58.17533	17.46363	58.06408	57.56965	83.11466	0	16.88534	6.201468	10.68387	29.50998	3
2084.435	2085.69	1441.19	59.37432	25.68361	59.27543	59.0653	79.92656	0	20.07344	11.57903	8.494407	29.32516	3
2084.44	2085.695	1441.195	63.55224	39.99981	64.04667	67.22338	68.02015	0	31.97985	19.84161	12.13824	28.57655	3
2084.445	2085.7	1441.2	59.27543	55.46193	59.0653	58.39782	73.67334	0	26.32666	23.93585	2.390804	29.553	3
2084.45	2085.706	1441.206	60.32609	75.2021	58.99113	58.62031	76.64702	0	23.35298	7.927686	15.42529	30.41847	3
2084.455	2085.711	1441.211	63.93543	19.80128	63.55224	63.41628	79.35716	0	20.64284	20.64284	0	29.43708	3
2084.46	2085.716	1441.216	70.01691	29.67137	69.5472	69.34943	72.04421	0	27.95579	6.170836	21.78495	29.63915	3
2084.465	2085.721	1441.221	71.71033	29.7936	71.50019	71.38895	68.44498	0	31.55502	7.085785	24.46924	29.87295	4
2084.47	2085.727	1441.227	76.61754	42.4597	75.76465	74.8994	65.84652	0	34.15348	8.175163	25.97832	30.38365	4
2084.475	2085.732	1441.232	78.96608	56.10364	77.84125	76.35796	62.49154	0	37.50846	9.155595	28.35287	30.7687	4
2084.48	2085.737	1441.237	79.99202	53.18539	79.43578	78.75594	57.84729	0.874134	41.27858	26.23842	15.04016	30.55232	4
2084.485	2085.742	1441.242	80.88199	66.87517	80.36284	79.48523	53.4282	2.133183	44.43862	28.49788	15.94074	29.68487	4
2084.49	2085.747	1441.247	81.71016	90.93923	80.3752	77.42098	53.16529	1.868824	44.96588	25.61008	19.3558	29.65297	4
2084.495	2085.753	1441.253	80.0291	77.69253	78.80539	76.53101	57.05541	0.935831	42.00876	15.50908	26.49969	30.25385	4
2084.5	2085.758	1441.258	76.01186	52.80342	75.52979	75.38146	61.02669	0.043155	38.93015	18.93275	19.9974	30.78809	4
2084.505	2085.763	1441.263	75.17133	36.11901	74.59038	73.86109	66.60397	0	33.39603	16.36444	17.03159	30.31285	4
2084.51	2085.768	1441.268	71.74741	34.51474	71.05521	70.9934	71.00438	0	28.99562	14.34892	14.64671	29.73358	4
2084.515	2085.774	1441.274	70.46189	57.9982	69.65844	69.34943	67.36621	0	32.63379	21.54627	11.08752	29.983	4

2084.52	2085.779	1441.279	70.75855	74.37704	70.00455	71.38895	62.74643	0.048479	37.2051	16.69066	20.51444	29.99895	4
2084.525	2085.784	1441.284	72.06879	74.54511	71.45075	72.55086	60.44658	0.486303	39.06711	24.00895	15.05817	29.721	4
2084.53	2085.789	1441.289	72.85987	80.01491	72.50141	72.32836	56.38338	1.439125	42.17749	24.11041	18.06709	29.22898	4
2084.535	2085.794	1441.294	73.51499	96.77572	72.61266	71.58672	55.93957	1.749968	42.31047	16.65567	25.65479	28.99049	4
2084.54	2085.8	1441.3	76.04894	109.0904	75.29494	75.45563	49.47863	3.308533	47.21284	25.37084	21.842	27.86434	4
2084.545	2085.805	1441.305	76.09839	107.043	74.3308	69.74497	57.78385	1.217668	40.99848	25.86003	15.13845	29.90053	4
2084.55	2085.81	1441.31	76.48157	157.3102	73.07001	70.35065	58.00749	1.612726	40.37978	20.92503	19.45474	28.53176	4
2084.555	2085.815	1441.315	76.45685	156.7296	73.68804	67.85378	53.18937	2.730933	44.0797	15.50911	28.57059	28.42066	4
2084.56	2085.821	1441.321	78.22443	90.87811	77.07488	74.75107	54.95002	1.667614	43.38237	18.50604	24.87633	29.54336	4
2084.565	2085.826	1441.326	80.49881	75.53823	79.91785	78.16263	52.16324	2.45682	45.37994	23.29318	22.08675	29.48766	4
2084.57	2085.831	1441.331	86.53084	294.0857	83.40358	83.95981	13.45918	11.02722	75.5136	60.64013	14.87347	25.52426	4
2084.575	2085.836	1441.336	90.49864	130.6029	91.11667	92.51344	20.34557	14.73396	64.92047	46.24975	18.67072	27.09048	4
2084.58	2085.841	1441.341	93.42813	133.8878	92.20442	90.60988	31.12903	8.251313	60.61965	30.12577	30.49389	27.71517	4
2084.585	2085.847	1441.347	94.8867	97.92162	94.2563	93.46521	33.89278	9.357632	56.74958	20.99065	35.75893	28.00281	4
2084.59	2085.852	1441.352	88.89174	72.10051	88.63217	87.33429	42.78298	6.248739	50.96828	26.75504	24.21324	28.78971	4
2084.595	2085.857	1441.357	90.43683	100.9621	90.21434	87.1736	34.08961	9.105151	56.80524	21.9004	34.90484	28.22478	4
2084.6	2085.862	1441.362	98.10049	265.3311	94.05853	89.27493	16.86261	3.704058	79.43333	50.73504	28.69829	28.17783	4
2084.605	2085.868	1441.368	96.02388	162.1841	94.45407	92.20442	24.57552	9.35878	66.0657	30.62535	35.44035	27.7255	4
2084.61	2085.873	1441.373	93.26744	75.30905	92.53816	89.69519	41.62111	6.530386	51.84851	23.86729	27.98121	29.12472	4
2084.615	2085.878	1441.378	94.9485	86.75284	94.1945	91.35153	37.49673	8.005163	54.49811	31.57737	22.92074	28.72342	4
2084.62	2085.883	1441.383	94.08325	111.535	92.53816	91.69763	38.4264	5.462983	56.11062	22.66854	33.44208	28.24449	4
2084.625	2085.888	1441.388	94.45407	75.87436	94.02145	95.0103	38.09351	8.633663	53.27283	27.62288	25.64995	28.10065	4
2084.63	2085.894	1441.394	94.18214	83.28456	95.03503	96.91386	26.58767	15.59547	57.81686	34.5416	23.27526	27.22373	4
2084.635	2085.899	1441.399	90.38739	100.4121	91.09195	93.20564	27.08353	12.99563	59.92084	31.48027	28.44058	27.08731	4
2084.64	2085.904	1441.404	88.66925	113.399	88.4962	92.19206	32.32287	9.263488	58.41364	25.43418	32.97946	26.71357	4
2084.645	2085.909	1441.409	85.76448	87.27232	84.71382	83.89801	48.11941	3.355071	48.52552	15.0969	33.42862	28.92987	4
2084.65	2085.915	1441.415	88.23662	174.0099	85.81392	85.4431	35.48786	5.169003	59.34313	32.49508	26.84805	26.78663	4
2084.655	2085.92	1441.42	86.16002	198.6087	82.85971	79.53467	38.24692	4.095145	57.65794	35.21275	22.44519	26.85894	4
2084.66	2085.925	1441.425	78.9908	100.4426	76.90183	75.48035	59.21082	0.386751	40.40243	13.11851	27.28392	29.93716	4
2084.665	2085.93	1441.43	82.7979	203.5743	79.73244	70.43717	38.31827	5.210512	56.47121	33.58196	22.88925	27.4999	4
2084.67	2085.935	1441.435	82.42708	122.3371	81.74724	84.77562	39.83027	5.886944	54.28278	32.58737	21.69542	26.70523	4
2084.675	2085.941	1441.441	87.1736	292.1453	86.09822	86.44432	0	17.49878	82.50122	82.50122	0	-9999	4
2084.68	2085.946	1441.446	87.53206	243.5283	88.44676	87.81636	0	21.56353	78.43647	78.43647	0	-9999	4
2084.685	2085.951	1441.451	91.27736	193.9487	93.04495	95.76431	0	24.93724	75.06276	75.06276	0	-9999	4
2084.69	2085.956	1441.456	95.56654	142.7801	95.41821	96.66664	18.67555	15.33755	65.9869	37.76735	28.21955	27.19422	6
2084.695	2085.962	1441.462	93.2798	133.4295	93.47757	95.33168	20.35992	14.91316	64.72692	33.41163	31.31529	27.02452	6
2084.7	2085.967	1441.467	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2085	2086.28	1441.78	130.2137	91.06146	128.7922	129.7563	9.183055	37.82399	52.99296	46.94064	6.052319	24.54444	6
2085.005	2086.285	1441.785	126.32	124.0636	125.9369	124.7749	0	58.24391	41.75609	41.75609	0	-9999	6
2085.01	2086.29	1441.79	122.9826	123.9414	123.131	123.8108	0	60.7002	39.2998	39.2998	0	-9999	6
2085.015	2086.296	1441.796	124.3547	98.50222	125.4301	126.2459	0	85.27489	14.72511	14.72511	0	-9999	6
2085.02	2086.301	1441.801	121.4005	113.0782	123.1062	125.0469	0	87.78538	12.21462	12.21462	0	-9999	6
2085.025	2086.306	1441.806	118.8665	106.8291	119.9419	119.67	0	65.0486	34.9514	34.9514	0	-9999	6
2085.03	2086.311	1441.811	120.0037	130.9696	119.9419	117.89	0	48.92499	51.07501	51.07501	0	-9999	6
2085.035	2086.317	1441.817	117.581	110.5724	116.6169	115.9988	12.53901	27.63075	59.83024	38.94905	20.88119	26.97913	6
2085.04	2086.322	1441.822	115.5415	101.2218	114.9358	114.8369	13.90014	29.37584	56.72402	34.95537	21.76865	26.63463	6
2085.045	2086.327	1441.827	115.3561	97.44798	115.0718	115.0594	12.49331	33.45347	54.05322	29.55333	24.4999	26.2728	6
2085.05	2086.332	1441.832	116.3696	98.99114	117.581	118.2608	0	59.01589	40.98411	40.98411	0	-9999	6
2085.055	2086.337	1441.837	117.5192	132.1155	118.78	122.105	0	65.68153	34.31847	34.31847	0	-9999	6
2085.06	2086.343	1441.843	112.9457	142.3064	114.7133	118.1496	0	60.24501	39.75499	39.75499	0	-9999	4
2085.065	2086.348	1441.848	112.8839	137.3408	113.1682	108.7802	0.707007	39.468	59.82499	59.82499	0	-9999	4
2085.07	2086.353	1441.853	114.4785	138.6395	112.7109	108.0014	14.82783	14.93377	70.23839	52.66736	17.57103	29.06876	4
2085.075	2086.358	1441.858	111.8703	104.0942	110.1398	107.7789	25.29987	11.36122	63.33891	38.94114	24.39777	28.57152	4
2085.08	2086.364	1441.864	104.7135	72.16162	103.9348	102.674	32.23561	13.20372	54.56067	29.78174	24.77892	28.22424	4
2085.085	2086.369	1441.869	100.8817	60.18307	100.1276	99.33656	38.46811	9.716826	51.81506	34.54221	17.27285	28.71688	4
2085.09	2086.374	1441.874	101.1412	56.22587	101.3143	100.9064	32.00227	16.21836	51.77937	30.41047	21.3689	27.85033	4
2085.095	2086.379	1441.879	102.2784	81.45111	101.6851	99.11407	30.79088	13.32621	55.88291	27.41339	28.46953	28.32506	4
2085.1	2086.384	1441.884	104.9113	87.34872	103.9471	102.7728	29.81532	12.84538	57.33929	37.67878	19.66052	28.11886	4
2085.105	2086.39	1441.89	105.0719	93.70468	103.6999	102.8594	31.2906	10.0173	58.6921	25.70041	32.99169	28.3117	4
2085.11	2086.395	1441.895	106.6294	95.82843	106.1597	105.0472	22.35071	19.28556	58.36372	28.58951	29.77422	27.57213	4
2085.115	2086.4	1441.9	104.8618	77.02027	103.8359	103.1313	32.83927	11.60049	55.56024	32.3915	23.16874	28.26437	4
2085.12	2086.405	1441.905	101.7098	99.89258	99.97932	97.5937	35.66435	6.164413	58.17123	23.74845	34.42279	28.89262	4
2085.125	2086.411	1441.911	101.1659	83.26928	100.3131	97.07455	33.38606	10.78468	55.82926	35.04802	20.78124	28.68089	4
2085.13	2086.416	1441.916	101.5491	97.82995	100.2513	98.6938	32.9585	8.918122	58.12338	26.8267	31.29668	28.42214	4
2085.135	2086.421	1441.921	103.6875	110.3127	103.1313	100.6592	22.2226	16.72494	61.05247	37.1803	23.87217	27.97538	4
2085.14	2086.426	1441.926	108.3352	89.16689	108.5824	110.214	16.83734	28.05749	55.10517	29.92384	25.18133	26.48153	4
2085.145	2086.431	1441.931	105.418	104.4609	106.0361	105.6282	12.94607	28.39759	58.65634	39.80341	18.85293	27.18375	4
2085.15	2086.437	1441.937	95.19572	86.70701	93.88548	92.5258	41.59119	5.298084	53.11073	35.36824	17.74249	28.89225	4
2085.155	2086.442	1441.942	93.34161	86.92091	93.00787	93.48993	35.67735	9.230157	55.0925	22.29231	32.80018	27.884	4
2085.16	2086.447	1441.947	97.25996	73.85756	97.07455	96.41943	34.08424	11.67735	54.23841	32.06643	22.17198	28.12407	4
2085.165	2086.452	1441.952	96.9633	76.14938	97.34648	95.93736	29.39595	14.96005	55.644	31.58612	24.05788	27.92675	4
2085.17	2086.458	1441.958	104.6393	148.0054	103.1931	100.758	19.12261	12.83862	68.03877	38.85551	29.18326	28.29495	4
2085.175	2086.463	1441.963	101.0053	86.81396	100.3749	96.6172	30.95176	12.45438	56.59386	32.39463	24.19923	28.55472	4

2085.18	2086.468	1441.968	99.00282	56.02724	98.55783	97.03746	38.80746	10.15557	51.03697	23.2384	27.79857	28.81839	4
2085.185	2086.473	1441.973	99.06462	53.15483	98.73088	98.84213	38.58356	10.71543	50.70101	35.49247	15.20854	28.4835	4
2085.19	2086.478	1441.978	105.8877	88.67797	104.2067	102.4762	34.15141	7.546751	58.30183	33.04896	25.25287	28.84793	4
2085.195	2086.484	1441.984	106.4563	145.5761	104.3797	104.4786	22.92442	8.275542	68.80004	50.26773	18.53231	28.1495	4
2085.2	2086.489	1441.989	100.4985	74.20898	99.68266	99.81863	35.90535	9.989427	54.10522	27.79192	26.3133	28.26485	4
2085.205	2086.494	1441.994	95.02267	56.11891	94.61476	95.38113	42.15963	7.760728	50.07964	35.58135	14.4983	28.69503	4
2085.21	2086.499	1441.999	94.07089	47.57808	94.16978	95.25752	41.17452	9.174751	49.65073	33.11373	16.537	28.52555	4
2085.215	2086.505	1442.005	94.13269	78.27313	92.38983	89.65811	47.96301	2.307061	49.72992	23.78339	25.94653	29.98285	4
2085.22	2086.51	1442.01	96.49359	123.1316	94.80017	92.25386	34.55206	6.223822	59.22412	38.12844	21.09568	28.36979	4
2085.225	2086.515	1442.015	95.69015	75.15626	95.36877	93.63826	36.26794	9.918643	53.81342	30.91317	22.90025	28.47232	4
2085.23	2086.52	1442.02	97.09927	58.48712	96.50595	95.96208	41.11298	8.165016	50.722	34.78859	15.93341	28.87332	4
2085.235	2086.525	1442.025	94.70129	54.08684	93.9102	94.36755	45.91672	5.489054	48.59422	29.66937	18.92485	29.26437	4
2085.24	2086.531	1442.031	92.05609	60.91645	90.38739	88.82994	53.49903	0.951893	45.54908	30.3185	15.23058	30.66459	4
2085.245	2086.536	1442.036	90.7953	73.20058	88.57036	87.02527	55.99701	0	44.00299	19.64238	24.36061	29.94205	4
2085.25	2086.541	1442.041	91.31445	57.20371	91.38861	93.5641	41.57264	7.91721	50.51015	19.64159	30.86856	28.24455	4
2085.255	2086.546	1442.046	96.5554	106.7986	97.19815	101.0671	20.3424	18.1963	61.4613	36.21848	25.24282	26.7335	4
2085.26	2086.551	1442.051	96.19694	104.354	96.39471	97.14871	24.71242	15.13434	60.15324	33.10135	27.05189	27.33441	4
2085.265	2086.557	1442.057	94.36755	108.0973	93.55174	90.23906	33.34483	8.849883	57.80529	39.04135	18.76394	28.35197	4
2085.27	2086.562	1442.062	94.46643	102.0927	93.48993	90.06601	35.9523	7.698231	56.34947	35.40318	20.94629	28.59087	4
2085.275	2086.567	1442.067	94.1945	100.3815	92.20442	90.65933	44.47184	2.667386	52.86077	23.35294	29.50784	29.11882	4
2085.28	2086.572	1442.072	94.72601	132.3141	93.29216	93.00787	31.94435	7.599778	60.45587	32.07465	28.38122	27.60483	4
2085.285	2086.578	1442.078	93.11911	51.04636	93.02023	95.28224	42.74356	7.804861	49.45158	28.07038	21.3812	28.45517	4
2085.29	2086.583	1442.083	94.62712	54.82022	94.9485	96.56776	37.18587	11.22822	51.58591	17.64606	33.93985	27.98203	4
2085.295	2086.588	1442.088	94.80017	49.51849	94.6024	93.82367	42.3331	8.269899	49.397	29.6123	19.7847	29.02041	4
2085.3	2086.593	1442.093	94.28102	91.68789	93.40341	95.60362	37.87448	7.397809	54.72771	32.59525	22.13245	27.76106	4
2085.305	2086.598	1442.098	92.51344	99.58701	92.01901	94.99794	34.61941	8.886786	56.49381	38.50875	17.98506	27.2326	4
2085.31	2086.604	1442.104	93.19328	53.85766	92.72357	93.53938	44.86887	6.268484	48.86265	16.53566	32.32698	28.98048	4
2085.315	2086.609	1442.109	95.24516	69.70174	93.92256	91.77179	45.75677	4.106499	50.13673	25.22286	24.91387	29.67844	4
2085.32	2086.614	1442.114	97.89036	82.99427	96.2093	91.85832	42.88447	4.011871	53.10366	36.34533	16.75832	29.8308	4
2085.325	2086.619	1442.119	99.79391	60.85533	98.71852	95.62834	41.79684	6.969412	51.23375	34.08925	17.1445	29.56815	4
2085.33	2086.625	1442.125	107.5194	114.3463	106.6541	106.308	20.11608	17.68724	62.19669	42.38004	19.81665	27.61612	4
2085.335	2086.63	1442.13	107.0126	113.0629	106.3327	104.9113	19.45598	18.87653	61.66749	31.11362	30.55387	27.7343	4
2085.34	2086.635	1442.135	106.2586	123.9719	104.8618	102.4391	23.06582	12.56017	64.37401	43.91673	20.45728	28.30348	4
2085.345	2086.64	1442.14	103.8359	190.5568	100.6097	97.11163	23.35893	2.209919	74.43115	41.51135	32.9198	28.88193	4
2085.35	2086.645	1442.145	99.36128	91.50454	98.12521	95.07211	36.02309	7.805095	56.17182	33.51126	22.66056	28.85011	4
2085.355	2086.651	1442.151	99.31184	89.64053	97.64314	93.8484	39.87251	5.007462	55.12002	34.46761	20.65242	29.43644	4
2085.36	2086.656	1442.156	92.56288	72.91028	91.78415	89.85588	43.23299	5.817837	50.94917	35.59053	15.35864	29.11554	4
2085.365	2086.661	1442.161	87.43318	110.9086	85.851	79.96729	44.98345	3.617393	51.39916	32.75259	18.64657	29.28589	4
2085.37	2086.666	1442.166	85.64087	102.7192	83.8362	81.30225	50.33853	2.031258	47.63021	21.98992	25.64029	29.28567	4
2085.375	2086.672	1442.172	87.84108	151.0612	86.11058	82.98331	36.04079	5.906386	58.05282	38.66377	19.38905	27.5883	4
2085.38	2086.677	1442.177	86.16002	119.3577	85.82628	84.55313	34.43469	7.991643	57.57367	37.96511	19.60856	27.50312	4
2085.385	2086.682	1442.182	87.49498	106.493	86.83986	87.02527	38.81048	6.528043	54.66148	21.35024	33.31124	27.69397	4
2085.39	2086.687	1442.187	85.13408	111.0766	84.56549	85.39366	39.2027	6.292052	54.50525	37.7841	16.72115	27.40559	4
2085.395	2086.692	1442.192	82.60013	74.6979	82.84735	85.49254	44.01508	5.33779	50.64713	29.65033	20.99681	27.87357	4
2085.4	2086.698	1442.198	82.36528	72.20746	82.46416	83.97217	45.98338	4.650818	49.36581	26.12503	23.24077	28.30116	4
2085.405	2086.703	1442.203	81.94501	99.49534	79.91785	78.24915	56.24321	0.732598	43.0242	26.50842	16.51577	29.74596	4
2085.41	2086.708	1442.208	80.21451	74.08675	79.08968	76.98836	56.99106	0.963025	42.04591	23.68699	18.35892	30.28407	4
2085.415	2086.713	1442.213	84.99811	101.8024	83.97217	82.56305	45.11659	4.205954	50.67746	18.79403	31.88343	28.42787	4
2085.42	2086.719	1442.219	85.90045	145.3622	84.55313	86.35779	36.23567	6.372951	57.39138	36.62046	20.77092	26.61434	4
2085.425	2086.724	1442.224	82.14278	122.5968	79.60883	74.56566	54.39832	1.050631	44.55105	26.61173	17.93932	29.67222	4
2085.43	2086.729	1442.229	83.144	89.91555	81.93265	80.30103	51.13593	2.41713	46.44694	23.91673	22.53021	29.23911	4
2085.435	2086.734	1442.234	82.55069	87.34872	80.96851	79.29982	55.17682	1.132273	43.6909	15.36567	28.32523	29.84094	4
2085.44	2086.739	1442.239	82.57541	94.34639	82.26639	80.14035	43.59369	5.070693	51.33562	36.01245	15.32317	28.39416	4
2085.445	2086.745	1442.245	83.40358	90.05306	83.88565	83.79912	37.73984	7.424891	54.83527	32.98389	21.85138	27.73226	4
2085.45	2086.75	1442.25	84.60257	53.109	84.51604	84.42952	49.98383	3.69708	46.31909	14.38791	31.93118	29.46832	4
2085.455	2086.755	1442.255	87.58151	63.08603	87.49498	87.93997	44.82876	5.673445	49.49779	22.4421	27.05569	28.72802	4
2085.46	2086.76	1442.26	90.11546	115.3241	89.06479	87.69275	37.32797	6.57651	56.09552	38.78197	17.31355	27.9349	4
2085.465	2086.766	1442.266	91.59874	123.9108	90.63461	91.30209	33.2148	8.047226	58.73797	32.96512	25.77285	27.33872	4
2085.47	2086.771	1442.271	91.01779	76.54663	90.68405	91.28972	40.32583	7.283432	52.39073	27.05383	25.3369	28.23449	4
2085.475	2086.776	1442.276	86.23419	68.96836	85.83864	85.7892	47.03967	4.412128	48.5482	30.73445	17.81376	28.93696	4
2085.48	2086.781	1442.281	85.94989	75.29377	86.03641	89.26256	42.03444	6.343803	51.62176	25.93722	25.68454	27.7174	4
2085.485	2086.786	1442.286	84.73854	65.22506	84.23175	83.67551	50.1837	3.255101	46.5612	15.83189	30.72931	29.40729	4
2085.49	2086.792	1442.292	84.09578	71.1685	83.144	81.3517	52.78537	2.119943	45.09468	20.48809	24.60659	29.87619	4
2085.495	2086.797	1442.297	86.8275	76.56191	86.35779	85.87572	45.23095	4.902362	49.86668	25.42805	24.43863	28.73717	4
2085.5	2086.802	1442.302	85.20824	52.19227	84.83742	85.64087	51.85176	2.970733	45.17751	31.83771	13.3398	29.61213	4
2085.505	2086.807	1442.307	84.19466	52.57424	83.30469	81.40114	56.71523	1.073609	42.21116	20.94364	21.26752	30.84209	4
2085.51	2086.813	1442.313	84.44188	85.66805	82.46416	79.86841	56.90911	0.207394	42.8835	15.9737	26.9098	30.48838	4
2085.515	2086.818	1442.318	86.7657	91.27536	85.55435	82.09334	47.4749	3.372035	49.15307	20.54038	28.61269	29.34243	4
2085.52	2086.823	1442.323	83.81148	115.4769	83.25525	83.144	39.25882	6.190735	54.55044	37.49199	17.05845	27.4389	4
2085.525	2086.828	1442.328	80.67186	86.79868	81.66072	80.32576	37.11296	7.374656	55.51239	29.02899	26.48339	27.90014	4
2085.53	2086.833	1442.333	80.64714	108.5709	79.20093	75.86353	50.73857	2.597247	46.66419	30.61086	16.05333	28.98415	4
2085.535	2086.839	1442.339	77.12433	56.76062	76.88947	77.77945	57.12967	1.093493	41.77684	27.20422	14.57262	29.89303	4
2085.54	2086.844	1442.344	83.23053	129.8542	82.00682	77.47043	41.48696	5.097586	53.41546	23.30656	30.1089	28.12424	5

2085.545	2086.849	1442.349	80.58533	136.7908	79.4605	73.49027	41.47553	5.269697	53.25478	36.1068	17.14798	28.07709	5
2085.55	2086.854	1442.354	80.57297	80.16769	79.41106	76.95128	55.47708	1.354826	43.1681	31.40577	11.76233	30.01493	5
2085.555	2086.86	1442.36	79.34926	81.8942	79.70772	80.0909	44.40221	4.852996	50.74479	19.42498	31.31981	28.05832	5
2085.56	2086.865	1442.365	83.06984	120.4731	83.3665	82.31583	32.12217	8.771188	59.10665	37.19801	21.90864	27.25958	5
2085.565	2086.87	1442.37	83.7744	145.7594	83.40358	82.55069	30.52764	8.771262	60.7011	37.24956	23.45154	26.85119	5
2085.57	2086.875	1442.375	84.1823	86.69173	83.56427	84.30591	46.36267	4.182045	49.45529	34.60489	14.8504	28.34135	5
2085.575	2086.88	1442.38	86.11058	73.9034	86.22182	86.02405	42.03148	6.409173	51.55934	19.45439	32.10496	28.37327	5
2085.58	2086.886	1442.386	87.66803	134.2698	85.7892	84.97339	41.41306	4.242654	54.34429	29.37605	24.96824	27.71333	5
2085.585	2086.891	1442.391	82.46416	61.37481	82.39	81.3517	49.85504	3.467319	46.67764	18.9012	27.77644	29.39581	5
2085.59	2086.896	1442.396	81.58655	68.73918	81.52475	80.64714	48.78447	3.683379	47.53215	21.58572	25.94643	29.06791	5
2085.595	2086.901	1442.401	85.097	109.7321	84.14522	84.7509	42.53186	4.995888	52.47226	25.11247	27.35978	27.7033	5
2085.6	2086.907	1442.407	84.50368	74.39232	83.8362	81.1292	49.42664	3.304088	47.26928	21.88236	25.38692	29.54987	5
2085.605	2086.912	1442.412	84.88687	94.85059	83.94745	84.86214	46.23071	3.970695	49.79859	34.31915	15.47945	28.21193	5
2085.61	2086.917	1442.417	88.54564	179.4186	86.69153	84.56549	29.48807	7.519334	62.9926	39.97936	23.01325	26.92912	5
2085.615	2086.922	1442.422	92.21678	193.9181	90.36267	86.75334	22.60173	9.184826	68.21345	39.67226	28.54119	27.45563	5
2085.62	2086.927	1442.427	97.48245	351.6408	94.23158	89.97949	0	13.67875	86.32125	86.32125	0	-9999	5
2085.625	2086.933	1442.433	87.33429	142.0009	86.06114	86.23419	35.1552	6.736243	58.10856	22.56398	35.54458	27.02221	5
2085.63	2086.938	1442.438	85.7274	154.285	84.19466	82.26639	35.67249	6.360206	57.96731	26.54028	31.42703	27.13315	5
2085.635	2086.943	1442.443	84.77562	123.9261	83.4901	82.26639	41.97907	4.860705	53.16023	20.85524	32.30499	27.75549	5
2085.64	2086.948	1442.448	82.32819	142.5203	80.86963	80.58533	41.07203	5.143091	53.78488	23.18165	30.60324	27.02583	5
2085.645	2086.954	1442.454	83.55191	116.302	82.71138	81.42586	41.50127	5.342218	53.15651	33.26203	19.89448	27.77008	5
2085.65	2086.959	1442.459	83.24289	105.5457	82.78554	84.33063	41.41892	5.625246	52.95584	32.46128	20.49456	27.39804	5
2085.655	2086.964	1442.464	87.02527	165.3621	85.7274	85.60379	29.97767	8.1516	61.87073	26.38354	35.4872	26.62766	5
2085.66	2086.969	1442.469	85.7274	115.7519	85.18352	86.12294	37.33383	6.892448	55.77372	37.06529	18.70843	27.24223	5
2085.665	2086.974	1442.474	87.804	196.7141	85.73976	82.46416	27.61338	7.857352	64.52927	27.71878	36.81049	26.85388	5
2085.67	2086.98	1442.48	93.25508	194.7279	91.99429	90.44919	16.85233	12.12643	71.02124	40.05731	30.96393	27.408	5
2085.675	2086.985	1442.485	95.43057	232.0386	92.72357	89.02771	17.02977	8.346467	74.62376	43.32655	31.29721	27.7442	5
2085.68	2086.99	1442.49	98.95338	296.7595	95.69015	93.71243	2.437148	9.749366	87.81349	84.79221	3.021275	-9999	5
2085.685	2086.995	1442.495	99.50961	240.9462	97.27232	97.08691	7.481201	11.8617	80.6571	70.64497	10.01213	-9999	5
2085.69	2087	1442.5	102.2043	271.3204	99.46017	94.70129	1.579201	11.02754	87.39326	87.39326	0	-9999	5
2085.695	2087.006	1442.506	106.9013	312.5883	104.0336	99.59614	0	12.9686	87.0314	87.0314	0	-9999	5
2085.7	2087.011	1442.511	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2086.005	2087.329	1442.829	156.8387	231.183	155.1082	155.4666	0	100	0	0	0	-9999	7
2086.01	2087.335	1442.835	155.1453	302.7946	155.3307	149.5706	0	100	0	0	0	-9999	7
2086.015	2087.34	1442.84	142.3395	462.5647	142.4261	148.4828	0	100	0	0	0	-9999	7
2086.02	2087.345	1442.845	136.6289	441.4494	133.8601	147.6299	0	24.87082	75.12918	75.12918	0	-9999	7
2086.025	2087.35	1442.85	140.1641	362.1526	142.3025	151.3629	0	100	0	0	0	-9999	7
2086.03	2087.356	1442.856	145.3308	452.8016	150.0403	156.9499	0	100	0	0	0	-9999	7
2086.035	2087.361	1442.861	137.5065	450.7542	135.7018	133.1926	0	63.85346	36.14654	36.14654	0	-9999	7
2086.04	2087.366	1442.866	131.9194	403.2372	128.7922	117.581	0	11.25143	88.74857	88.74857	0	-9999	7
2086.045	2087.371	1442.871	141.1776	425.697	144.9477	141.0788	0	100	0	0	0	-9999	7
2086.05	2087.376	1442.876	143.6251	503.9396	149.2245	150.0526	0	100	0	0	0	-9999	7
2086.055	2087.382	1442.882	143.5756	485.7273	149.929	151.0291	0	100	0	0	0	-9999	7
2086.06	2087.387	1442.887	142.8463	528.8745	148.248	149.0638	0	100	0	0	0	-9999	7
2086.065	2087.392	1442.892	144.7993	563.649	151.5977	155.3183	0	100	0	0	0	-9999	7
2086.07	2087.397	1442.897	146.3197	553.3817	153.0316	157.8399	0	100	0	0	0	-9999	7
2086.075	2087.403	1442.903	144.478	523.8784	151.2269	151.8326	0	100	0	0	0	-9999	7
2086.08	2087.408	1442.908	145.1825	523.0839	151.9809	155.3678	0	100	0	0	0	-9999	7
2086.085	2087.413	1442.913	145.7882	519.3559	152.7102	156.1341	0	100	0	0	0	-9999	7
2086.09	2087.418	1442.918	143.2913	489.5776	149.5829	151.8326	0	100	0	0	0	-9999	7
2086.095	2087.423	1442.923	140.9428	558.8668	146.1219	152.599	0	100	0	0	0	-9999	7
2086.1	2087.429	1442.929	135.3186	574.2983	140.5596	147.4198	0	100	0	0	0	-9999	7
2086.105	2087.434	1442.934	128.5821	326.7059	130.4732	130.1395	0	100	0	0	0	-9999	7
2086.11	2087.439	1442.939	122.5624	348.2795	122.4882	119.1508	0	69.89657	30.10343	30.10343	0	-9999	7
2086.115	2087.444	1442.944	109.151	146.6609	108.6813	108.4959	7.729397	25.514	66.7566	57.18043	9.576177	-9999	7
2086.12	2087.45	1442.95	105.5416	56.54672	106.3575	107.371	22.89486	27.18758	49.91755	30.89299	19.02456	26.55211	7
2086.125	2087.455	1442.955	111.6726	114.5602	111.4995	110.6466	10.87881	30.0851	59.03609	47.79878	11.23731	27.09768	7
2086.13	2087.46	1442.96	109.633	94.28528	110.5601	111.6231	9.135882	38.13737	52.72675	33.88856	18.83819	26.18946	7
2086.135	2087.465	1442.965	102.8346	80.13714	103.9842	104.7629	17.08994	27.56036	55.3497	33.10578	22.24392	26.8505	7
2086.14	2087.47	1442.97	99.37364	55.09524	100.0658	100.6097	29.87864	17.91707	52.20429	38.46369	13.7406	27.50184	7
2086.145	2087.476	1442.976	97.84091	44.01813	98.24882	98.64436	36.17272	13.74475	50.08254	31.21232	18.87022	28.10978	7
2086.15	2087.481	1442.981	98.74325	67.5016	98.3477	97.89036	35.88629	11.05447	53.05924	35.22677	17.83247	28.2834	7
2086.155	2087.486	1442.986	106.7283	137.1117	104.8618	100.6097	23.09411	9.608294	67.2976	32.39538	34.90222	28.86653	7
2086.16	2087.491	1442.991	108.4464	81.84836	107.7666	105.2697	25.69075	18.19992	56.10933	31.09509	25.01424	27.89727	7
2086.165	2087.496	1442.996	105.1832	64.61391	104.4168	103.3414	33.53423	13.18735	53.27842	30.61926	22.65916	28.26971	7
2086.17	2087.502	1443.002	100.9558	47.4253	101.0671	102.5133	34.78157	14.99109	50.22735	21.99992	28.22743	27.74821	7
2086.175	2087.507	1443.007	96.58012	50.51161	96.6172	98.14993	38.6351	10.8832	50.48171	19.48925	30.99246	28.17199	7
2086.18	2087.512	1443.012	94.75073	48.23507	94.28102	94.23158	44.79668	6.75008	48.45324	19.48153	28.97171	29.21507	7
2086.185	2087.517	1443.017	94.87434	56.21059	94.42935	94.07089	42.56129	7.487073	49.95163	32.90459	17.04705	28.93909	7
2086.19	2087.523	1443.023	96.19694	53.17011	96.07333	95.15863	39.58961	9.865872	50.54452	18.08457	32.45995	28.7242	7
2086.195	2087.528	1443.028	99.29948	36.68432	98.65672	98.53311	44.74825	7.798731	47.45302	28.53182	18.9212	29.40636	7
2086.2	2087.533	1443.033	105.5046	57.47872	104.1943	103.1807	39.18029	8.346171	52.47354	33.65087	18.82267	29.07109	7
2086.205	2087.538	1443.038	106.2833	78.63982	104.1572	101.5862	39.66539	3.286637	57.04797	33.06855	23.97942	29.7898	7

2086.21	2087.543	1443.043	107.6183	71.44352	106.1597	105.4428	35.00577	9.298435	55.6958	24.43476	31.26104	28.65981	7
2086.215	2087.549	1443.049	108.8172	72.25329	107.1115	105.3439	35.62264	7.705825	56.67153	27.12037	29.55116	29.07489	7
2086.22	2087.554	1443.054	107.0867	69.2281	106.0979	104.7876	32.39065	13.1115	54.49784	35.71402	18.78382	28.28807	7
2086.225	2087.559	1443.059	109.1757	104.7818	107.9149	107.0497	23.97232	14.55061	61.47708	36.25161	25.22546	27.92784	7
2086.23	2087.564	1443.064	108.6442	99.87731	106.8272	105.1461	29.959	8.408025	61.63298	33.82508	27.80789	28.67894	7
2086.235	2087.57	1443.07	107.0744	97.57021	106.6788	107.062	20.94504	20.5757	58.47925	44.18281	14.29644	27.2096	7
2086.24	2087.575	1443.075	105.6776	71.53519	105.1585	104.4415	29.4885	16.24185	54.26965	38.26592	16.00373	27.78998	7
2086.245	2087.58	1443.08	106.4069	31.48954	106.3575	106.1473	34.86837	18.60556	46.52607	33.30367	13.22241	27.79852	7
2086.25	2087.585	1443.085	104.9113	28.66297	104.9854	105.2697	35.97044	17.72794	46.30162	22.54922	23.75241	27.87497	7
2086.255	2087.59	1443.09	103.6381	34.98838	103.6875	104.0213	35.80258	16.48486	47.71256	25.52337	22.18919	27.94751	7
2086.26	2087.596	1443.096	110.3623	77.69253	110.2264	110.3129	20.71881	26.09267	53.18852	29.20701	23.98152	26.71689	7
2086.265	2087.601	1443.101	109.7443	52.29922	109.9915	109.7814	24.46292	27.76167	47.77541	35.62538	12.15003	26.55443	7
2086.27	2087.606	1443.106	111.8085	65.53064	112.1176	111.8333	18.88284	32.92968	48.18748	23.50564	24.68184	26.09333	7
2086.275	2087.611	1443.111	114.2683	98.60917	113.7615	113.4154	14.93735	28.65289	56.40977	45.21468	11.19509	26.71663	7
2086.28	2087.617	1443.117	108.7307	53.17011	109.1633	109.7072	23.74773	28.21557	48.03671	18.65409	29.38262	26.41457	7
2086.285	2087.622	1443.122	103.292	57.84541	103.7246	103.428	27.61993	20.76286	51.61722	30.95133	20.66589	27.35756	7
2086.29	2087.627	1443.127	103.0077	58.04404	102.8594	102.2413	32.33581	15.79264	51.87155	24.78259	27.08896	27.92009	7
2086.295	2087.632	1443.132	108.4464	67.99052	108.3723	109.3117	24.35036	23.44136	52.20827	37.96762	14.24066	26.79043	7
2086.3	2087.637	1443.137	104.6517	61.37481	104.4786	104.3056	30.20889	17.50936	52.28175	22.34432	29.93743	27.62343	7
2086.305	2087.643	1443.143	101.9076	59.2205	102.1301	103.156	30.18933	17.59246	52.21821	32.85177	19.36643	27.40692	7
2086.31	2087.648	1443.148	96.02388	70.58791	95.45529	94.84962	38.98235	8.476354	52.54129	27.84984	24.69145	28.55165	7
2086.315	2087.653	1443.153	99.22531	92.31432	99.39836	96.60484	25.03151	16.78867	58.17982	27.08279	31.09703	27.98505	7
2086.32	2087.658	1443.158	106.0732	71.39768	106.4316	109.5589	22.35638	24.68812	52.9555	26.25391	26.70158	26.35165	7
2086.325	2087.664	1443.164	110.5107	63.29994	111.0669	112.2782	18.7008	33.39597	47.90323	19.63515	28.26808	25.8399	7
2086.33	2087.669	1443.169	109.8308	78.53287	110.4983	109.5836	14.77772	34.46092	50.76135	42.19766	8.563699	26.39269	7
2086.335	2087.674	1443.174	116.7281	207.0731	116.2213	115.3561	0	39.89995	60.10005	60.10005	0	-9999	7
2086.34	2087.679	1443.179	112.4513	188.3872	110.9433	109.7072	2.642174	20.01961	77.33821	77.33821	0	-9999	7
2086.345	2087.684	1443.184	101.8458	108.9987	102.7605	103.7246	12.8353	26.20654	60.95816	43.61408	17.34408	27.19207	7
2086.35	2087.69	1443.19	99.16351	97.23408	99.85571	102.2908	19.87437	20.52944	59.5962	46.18155	13.41465	26.91536	7
2086.355	2087.695	1443.195	100.3872	86.76812	101.2278	101.7098	20.13176	22.2794	57.58883	38.92956	18.65927	27.17788	7
2086.36	2087.7	1443.2	102.7605	97.03545	103.9842	105.1214	12.494	29.20484	58.30115	51.62728	6.673868	26.96728	7
2086.365	2087.705	1443.205	109.1263	105.7291	110.6095	111.3017	2.521925	44.26651	53.21157	53.21157	0	-9999	7
2086.37	2087.711	1443.211	113.9964	111.3822	114.2065	113.9964	6.5403	38.87081	54.58889	49.74408	4.844809	-9999	7
2086.375	2087.716	1443.216	102.9583	161.6035	100.5479	93.79895	24.85051	5.966305	69.18319	39.45424	29.72895	29.24225	7
2086.38	2087.721	1443.221	92.85954	98.77723	89.85588	87.4579	53.94348	0	46.05652	21.18793	24.86859	27.90049	7
2086.385	2087.726	1443.226	89.97949	68.09747	87.91525	86.97583	56.73716	0	43.26284	8.654612	34.60823	30.15993	7
2086.39	2087.731	1443.231	89.57158	80.68717	88.05121	85.69031	49.85071	2.274915	47.87437	15.04654	32.82783	29.79421	7
2086.395	2087.737	1443.237	86.11058	69.97676	84.76326	83.7744	54.28562	1.332607	44.38177	17.91431	26.46746	30.11454	7
2086.4	2087.742	1443.242	86.17238	80.56494	84.33063	83.144	55.49825	0.503772	43.99798	27.65811	16.33987	30.2041	7
2086.405	2087.747	1443.247	86.1971	134.6976	82.52597	80.16507	56.55315	0	43.44685	16.34979	27.09706	27.97166	7
2086.41	2087.752	1443.252	84.99811	173.7807	80.70894	78.19971	52.9879	0	47.0121	15.78603	31.22606	28.19811	7
2086.415	2087.758	1443.258	81.14156	102.8719	78.81775	75.91297	58.46434	0.17512	41.36054	15.31626	26.04428	30.20803	7
2086.42	2087.763	1443.263	78.61998	36.10373	77.54459	76.96364	67.26674	0	32.73326	16.74129	15.99196	30.1827	8
2086.425	2087.768	1443.268	78.47165	20.8708	78.21207	77.71764	64.76706	0	35.23294	22.49055	12.74238	30.96656	8
2086.43	2087.773	1443.273	79.78188	55.35498	78.50873	77.06252	63.07172	0	36.92828	15.62267	21.30561	30.60037	8
2086.435	2087.778	1443.278	82.41472	64.93476	81.72252	80.63477	53.8288	1.975036	44.19616	13.81107	30.3851	29.89162	8
2086.44	2087.784	1443.284	82.89679	59.61775	82.20459	83.97217	54.67202	1.75256	43.57542	31.33066	12.24477	29.61527	8
2086.445	2087.789	1443.289	83.8362	104.079	82.16751	81.78432	50.616	2.234227	47.14978	29.61168	17.53809	28.74483	8
2086.45	2087.794	1443.294	85.39366	116.6381	83.56427	83.46538	47.38917	2.858648	49.75218	28.48964	21.26254	28.22069	8
2086.455	2087.799	1443.299	87.69275	130.3737	84.99811	84.47896	48.65568	1.304438	50.03988	27.17195	22.86793	28.46468	8
2086.46	2087.805	1443.305	91.32681	98.97586	88.97827	87.68039	50.22836	0.632654	49.13899	17.3959	31.74309	29.60801	8
2086.465	2087.81	1443.31	95.24516	109.5182	92.11789	89.16368	50.10735	0	49.89265	16.33988	33.55277	27.65342	8
2086.47	2087.815	1443.315	101.9076	190.0068	99.10171	88.76814	22.009	5.125216	72.86579	35.25148	37.61431	29.79229	8
2086.475	2087.82	1443.32	104.5157	199.831	103.2549	97.70494	5.257604	17.74942	76.99298	66.55118	10.4418	-9999	8
2086.48	2087.825	1443.325	102.7728	161.6494	101.5491	92.56288	15.81361	14.42164	69.76475	51.79112	17.97363	29.45347	8
2086.485	2087.831	1443.331	101.92	195.3849	99.07699	93.03259	20.9835	5.246984	73.76951	53.48817	20.28134	29.00409	8
2086.49	2087.836	1443.336	102.9459	172.864	100.2883	94.12033	24.05276	5.005372	70.94187	46.82231	24.11955	29.15774	8
2086.495	2087.841	1443.341	108.0262	143.1621	105.4675	102.5133	25.80042	4.270377	69.9292	48.43297	21.49623	29.10603	8
2086.5	2087.846	1443.346	111.9569	138.7618	110.1646	107.1856	17.30971	13.0538	69.63649	40.88389	28.75261	28.72799	8
2086.505	2087.852	1443.352	114.7504	168.1276	112.8345	115.1583	8.591097	15.18334	76.22556	60.73223	15.49334	28.33415	8
2086.51	2087.857	1443.357	116.4933	187.058	114.4537	111.0298	3.364465	15.7988	80.83674	80.19297	0.643763	-9999	8
2086.515	2087.862	1443.362	116.073	191.993	114.0087	107.1609	2.74842	15.56011	81.69147	78.31841	3.373061	-9999	8
2086.52	2087.867	1443.367	114.1571	192.4361	112.3401	103.737	2.48792	17.72363	79.78845	76.45888	3.329568	-9999	8
2086.525	2087.872	1443.372	113.7368	175.003	111.5119	110.2758	10.25462	11.2903	78.45507	64.24884	14.20623	29.20293	8
2086.53	2087.878	1443.378	111.6478	169.9916	106.889	101.9694	33.02735	0	66.97265	32.00157	34.97108	9.864807	8
2086.535	2087.883	1443.383	109.5342	192.0541	103.8977	99.76919	36.4343	0	63.5657	31.06062	32.50508	4.310799	8
2086.54	2087.888	1443.388	105.6158	126.661	102.5874	99.88043	35.65143	0	64.34857	36.22572	28.12285	28.47581	8
2086.545	2087.893	1443.393	102.1548	51.06164	101.8829	102.2166	35.76816	13.56358	50.66826	19.50949	31.15877	28.10355	8
2086.55	2087.899	1443.399	100.9558	42.47497	101.3266	103.6505	33.96783	16.53427	49.4979	25.43564	24.06226	27.453	8
2086.555	2087.904	1443.404	98.82977	52.1006	98.75561	99.86807	37.04304	12.11854	50.83842	29.07619	21.76224	28.08969	8
2086.56	2087.909	1443.409	100.14	112.6809	98.29826	97.95216	34.87597	5.769414	59.35462	40.58076	18.77386	28.31391	8
2086.565	2087.914	1443.414	103.1807	188.1275	99.12643	98.26118	30.96784	0	69.03216	24.51963	44.51252	23.99963	8
2086.57	2087.919	1443.419	103.8729	269.5786	97.58134	95.60362	27.95887	0	72.04113	41.86275	30.17838	11.75133	8

2086.575	2087.925	1443.425	106.8395	377.9814	99.07699	94.26866	10.39581	0	89.60419	63.43357	26.17062	5.058257	8
2086.58	2087.93	1443.43	110.8568	408.3709	103.2673	94.83725	0	0	100	100	0	-9999	8
2086.585	2087.935	1443.435	111.7344	438.0423	108.261	92.48872	0	15.06944	84.93056	84.93056	0	-9999	8
2086.59	2087.94	1443.44	115.0594	483.2063	112.7356	91.17848	0	31.32867	68.67133	68.67133	0	-9999	8
2086.595	2087.945	1443.445	115.183	344.1542	114.1324	107.4081	0	39.0175	60.9825	60.9825	0	-9999	9
2086.6	2087.951	1443.451	117.1731	390.0822	116.382	109.9421	0	48.59163	51.40837	51.40837	0	-9999	9
2086.605	2087.956	1443.456	117.3709	325.3002	117.4327	120.1768	0	58.11825	41.88175	41.88175	0	-9999	9
2086.61	2087.961	1443.461	119.8801	307.5616	119.0396	115.2572	0	46.53375	53.46625	53.46625	0	-9999	9
2086.615	2087.966	1443.466	123.9097	297.0956	122.7972	116.8764	0	47.5349	52.4651	52.4651	0	-9999	9
2086.62	2087.972	1443.472	125.2199	295.9956	123.1557	116.8517	0	28.72732	71.27268	71.27268	0	-9999	9
2086.625	2087.977	1443.477	120.597	252.3289	117.136	109.7196	0	0	100	100	0	-9999	9
2086.63	2087.982	1443.482	124.9233	263.9407	124.6143	116.5303	0	65.50851	34.49149	34.49149	0	-9999	9
2086.635	2087.987	1443.487	130.2137	307.913	130.3373	129.2619	0	98.62906	1.370943	1.370943	0	-9999	9
2086.64	2087.992	1443.492	126.901	289.991	126.1841	122.1545	0	62.65977	37.34023	37.34023	0	-9999	9
2086.645	2087.998	1443.498	131.1902	293.1384	131.4003	133.6005	0	100	0	0	0	-9999	9
2086.65	2088.003	1443.503	130.1766	287.852	131.2025	134.1815	0	100	0	0	0	-9999	9
2086.655	2088.008	1443.508	130.7699	294.0857	131.5239	137.7537	0	100	0	0	0	-9999	9
2086.66	2088.013	1443.513	126.0605	382.0609	124.6513	123.1928	0	50.315	49.685	49.685	0	-9999	9
2086.665	2088.019	1443.519	120.7206	386.0333	118.3844	115.1954	0	26.75446	73.24554	73.24554	0	-9999	9
2086.67	2088.024	1443.524	124.3176	372.9547	123.5636	124.4783	0	61.24819	38.75181	38.75181	0	-9999	9
2086.675	2088.029	1443.529	128.8045	385.575	129.0888	135.0096	0	100	0	0	0	-9999	9
2086.68	2088.034	1443.534	126.6167	339.0359	127.6056	127.655	0	100	0	0	0	-9999	9
2086.685	2088.039	1443.539	127.5932	371.4116	128.7551	134.7377	0	100	0	0	0	-9999	9
2086.69	2088.045	1443.545	129.472	345.6974	130.8441	131.6599	0	100	0	0	0	-9999	9
2086.695	2088.05	1443.55	130.1395	282.1072	131.0913	131.0542	0	100	0	0	0	-9999	9
2086.7	2088.055	1443.555	124.639	402.2288	125.6773	123.6378	0	100	0	0	0	-9999	9
2086.705	2088.06	1443.56	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2087.005	2088.374	1443.874	105.5911	28.81576	104.8494	103.7864	41.63052	11.33215	47.03733	14.94752	32.0898	29.1429	9
2087.01	2088.379	1443.879	105.999	17.70809	105.9743	105.863	38.38716	17.40799	44.20486	31.5404	12.66446	28.16503	9
2087.015	2088.384	1443.884	107.6553	45.20987	106.7159	105.7765	37.29677	12.43496	50.26826	33.01073	17.25753	28.62199	9
2087.02	2088.389	1443.889	109.015	75.40072	106.7901	105.5046	38.70243	2.994682	58.30288	39.73418	18.5687	29.64618	9
2087.025	2088.395	1443.895	116.3449	258.4709	110.1522	103.2796	18.40634	0	81.59366	39.33581	42.25786	-9999	9
2087.03	2088.4	1443.9	119.8307	205.1175	119.6947	110.6219	0	52.16068	47.83932	47.83932	0	-9999	9
2087.035	2088.405	1443.905	123.7243	178.2879	124.5895	121.2398	0	83.05198	16.94802	16.94802	0	-9999	9
2087.04	2088.41	1443.91	133.687	169.6707	134.404	133.3039	0	100	0	0	0	-9999	9
2087.045	2088.415	1443.915	142.2283	142.1689	142.4013	140.6461	0	100	0	0	0	-9999	9
2087.05	2088.421	1443.921	140.9428	128.1889	140.609	138.2481	0	100	0	0	0	-9999	9
2087.055	2088.426	1443.926	134.3298	191.3055	132.8465	128.99	0	51.4785	48.5215	48.5215	0	-9999	9
2087.06	2088.431	1443.931	121.2027	216.9891	119.5093	114.4785	0	26.98522	73.01478	73.01478	0	-9999	9
2087.065	2088.436	1443.936	117.6057	200.2741	115.5662	107.9891	0	17.32994	82.67006	82.67006	0	-9999	9
2087.07	2088.441	1443.941	112.9952	177.8754	110.2264	103.3785	14.45682	4.949264	80.59391	62.64308	17.95083	30.47353	9
2087.075	2088.447	1443.947	107.4081	118.4868	105.4798	103.7246	27.45484	8.085364	64.4598	40.89454	23.56525	28.57645	9
2087.08	2088.452	1443.952	104.664	58.94549	104.0707	102.5133	34.04247	13.8123	52.14522	24.22846	27.91677	28.33336	9
2087.085	2088.457	1443.957	104.4415	52.63536	103.601	103.7493	37.69013	11.16027	51.1496	37.10096	14.04864	28.48333	9
2087.09	2088.462	1443.962	101.957	24.65993	101.7469	101.7345	41.86035	12.06193	46.07772	20.13787	25.93985	28.88253	9
2087.095	2088.468	1443.968	101.3884	28.14349	100.9929	100.6839	42.97737	10.4479	46.57473	19.96723	26.6075	29.14937	9
2087.1	2088.473	1443.973	101.4132	32.55905	100.9805	101.1289	42.17345	10.50087	47.32569	20.81734	26.50834	28.9551	9
2087.105	2088.478	1443.978	102.5751	42.64304	101.92	101.5986	40.38849	10.47904	49.13247	30.88548	18.24699	28.84687	9
2087.11	2088.483	1443.983	101.5244	81.03858	99.43545	97.70494	43.17567	2.42795	54.39638	28.29252	26.10386	29.71808	9
2087.115	2088.488	1443.988	99.76919	75.49239	98.0016	96.69136	43.64197	3.602296	52.75573	24.11255	28.64319	29.53122	9
2087.12	2088.494	1443.994	99.57141	59.15939	98.47131	96.08569	42.60354	6.578662	50.8178	17.98086	32.83693	29.52773	9
2087.125	2088.499	1443.999	98.18701	45.34738	97.63078	96.25874	43.00469	8.185122	48.81019	21.57608	27.23411	29.32012	9
2087.13	2088.504	1444.004	97.07455	46.06548	96.46887	97.70494	44.23756	7.240866	48.52158	30.9959	17.52567	28.98351	9
2087.135	2088.509	1444.009	95.20808	34.48418	95.09683	94.6642	44.92556	7.981722	47.09272	18.93988	28.15284	29.36251	9
2087.14	2088.515	1444.015	94.98558	55.27858	94.28102	93.87312	44.6962	6.152222	49.15158	23.5691	25.58248	29.23724	9
2087.145	2088.52	1444.02	92.21678	62.79574	92.32803	93.13147	39.10183	9.023023	51.87514	29.81357	22.06158	28.215	9
2087.15	2088.525	1444.025	91.22792	72.65054	91.37625	92.09317	37.33933	9.235479	53.42519	29.3913	24.03389	27.98328	9
2087.155	2088.53	1444.03	93.79895	85.65277	93.02023	92.61232	39.01212	7.245131	53.74275	36.32902	17.41373	28.34118	9
2087.16	2088.535	1444.035	93.42813	61.54288	93.68771	94.57768	37.14103	10.47093	52.38804	21.78922	30.59881	28.0524	9
2087.165	2088.541	1444.041	98.32298	43.04029	98.24882	99.44781	39.70188	11.09157	49.20655	16.1647	33.04185	28.37712	9
2087.17	2088.546	1444.046	101.5368	55.72167	101.1165	101.2278	36.35858	12.25442	51.387	30.35592	21.03108	28.24176	9
2087.175	2088.551	1444.051	105.418	56.74534	105.4798	104.9113	28.80405	20.12333	51.07262	22.00246	29.07016	27.44381	9
2087.18	2088.556	1444.056	106.6294	58.54824	106.7036	107.7666	27.15751	21.87956	50.96292	19.1104	31.85253	26.94646	9
2087.185	2088.562	1444.062	104.182	75.58406	103.5763	101.9447	30.55523	14.40998	55.03479	39.06315	15.97164	28.0995	9
2087.19	2088.567	1444.067	108.879	84.52214	108.7307	110.1522	20.52647	24.36122	55.11231	35.27463	19.83769	26.66858	9
2087.195	2088.572	1444.072	109.769	116.4242	109.6701	107.8902	11.60421	28.2731	60.12269	51.80992	8.312763	27.42542	9
2087.2	2088.577	1444.077	108.8172	97.29519	108.5206	107.0126	18.6418	23.58825	57.76995	36.18755	21.5824	27.35281	9
2087.205	2088.582	1444.082	103.7988	58.34961	103.6628	104.5404	31.43826	16.71625	51.84549	26.65958	25.18591	27.53135	9
2087.21	2088.588	1444.088	104.7011	65.82093	104.9113	104.4539	26.11778	21.16745	52.71477	36.8655	15.84926	27.29796	9
2087.215	2088.593	1444.093	108.5824	91.39759	107.8531	107.3587	23.63793	18.48612	57.87595	37.04136	20.83459	27.49616	9
2087.22	2088.598	1444.098	112.3153	87.44039	112.0928	110.8691	17.23365	28.62848	54.13787	35.88374	18.25413	26.78546	9
2087.225	2088.603	1444.103	112.4389	143.5746	113.2918	115.3066	0	46.47091	53.52909	53.52909	0	-9999	9
2087.23	2088.609	1444.109	115.3313	190.5568	116.0977	115.2695	0	55.28889	44.71111	44.71111	0	-9999	9

2087.235	2088.614	1444.114	111.8703	178.2421	112.4266	112.7727	0	43.76612	56.23388	56.23388	0	-9999	9
2087.24	2088.619	1444.119	111.6849	162.505	112.3401	111.7962	0	43.5826	56.4174	56.4174	0	-9999	9
2087.245	2088.624	1444.124	110.3871	173.9641	111.1287	113.6256	0	42.83021	57.16979	57.16979	0	-9999	9
2087.25	2088.629	1444.129	104.8	219.5101	104.219	103.156	0	24.87601	75.12399	75.12399	0	-9999	9
2087.255	2088.635	1444.135	104.2809	179.2811	103.9595	101.7593	3.166285	23.83929	72.99443	72.99443	0	-9999	9
2087.26	2088.64	1444.14	104.9113	136.5158	104.7258	104.0831	11.88176	22.75382	65.36442	46.01018	19.35424	27.72457	9
2087.265	2088.645	1444.145	103.0819	113.4601	102.1919	101.339	24.60462	13.86386	61.53151	37.2273	24.30421	27.79791	9
2087.27	2088.65	1444.15	108.4464	140.3966	108.6813	109.9297	4.4332	31.55303	64.01377	56.97464	7.03913	-9999	9
2087.275	2088.656	1444.156	105.2203	147.4707	105.2574	104.0584	7.222064	25.78908	66.98886	54.33751	12.65135	-9999	9
2087.28	2088.661	1444.161	99.46017	110.2669	99.02754	98.70616	25.16491	14.22941	60.60568	32.70599	27.8997	27.58522	9
2087.285	2088.666	1444.166	93.31688	45.66824	93.09439	91.66055	44.82107	6.966635	48.21229	30.74165	17.47064	29.42613	5
2087.29	2088.671	1444.171	92.9337	41.02349	92.3033	92.66177	49.45889	4.517091	46.02402	31.38986	14.63416	29.80824	5
2087.295	2088.676	1444.176	95.33168	19.96935	95.39349	96.18457	46.98329	8.018909	44.9978	22.89456	22.10324	29.50378	5
2087.3	2088.682	1444.182	92.3033	27.57818	92.48872	92.59996	46.97011	7.04766	45.98223	26.44842	19.53382	29.5346	5
2087.305	2088.687	1444.187	92.21678	68.70862	91.28972	90.58516	45.71775	4.725481	49.55677	34.53082	15.02595	29.19947	5
2087.31	2088.692	1444.192	86.35779	52.6048	85.77684	85.92517	52.32287	2.732539	44.9446	19.7302	25.21439	29.84321	5
2087.315	2088.697	1444.197	88.05121	21.06942	88.00177	89.07715	54.27727	3.199578	42.52316	14.71262	27.81054	30.47917	5
2087.32	2088.703	1444.203	89.96713	26.20309	89.89296	90.00421	51.46387	4.427401	44.10873	31.85628	12.25245	30.18762	5
2087.325	2088.708	1444.208	87.44554	31.68816	87.32193	87.38373	52.83953	3.35616	43.80431	32.60288	11.20144	30.26779	5
2087.33	2088.713	1444.213	84.87451	30.05334	84.38008	83.88565	58.47437	0.966303	40.55932	28.13592	12.4234	31.27813	5
2087.335	2088.718	1444.218	86.46904	62.36793	85.25769	84.1823	54.74342	1.34406	43.91252	16.90077	27.01175	30.33442	5
2087.34	2088.723	1444.223	93.42813	177.9213	89.21312	83.47774	43.6555	0	56.3445	21.23515	35.10936	26.78352	5
2087.345	2088.729	1444.229	105.7023	220.274	104.0831	102.9212	1.996775	16.85683	81.14639	81.14639	0	-9999	10
2087.35	2088.734	1444.234	118.8171	227.3481	119.6329	122.8714	0	68.27108	31.72892	31.72892	0	-9999	10
2087.355	2088.739	1444.239	127.9146	211.1984	129.1877	130.5969	0	100	0	0	0	-9999	10
2087.36	2088.744	1444.244	126.901	235.6292	127.4572	127.6921	0	92.1525	7.847503	7.847503	0	-9999	10
2087.365	2088.75	1444.25	127.4325	230.0066	127.7539	127.8157	0	87.59572	12.40428	12.40428	0	-9999	10
2087.37	2088.755	1444.255	127.791	255.4152	128.5079	126.7156	0	100	0	0	0	-9999	10
2087.375	2088.76	1444.26	129.7934	230.2358	130.3744	129.8923	0	100	0	0	0	-9999	10
2087.38	2088.765	1444.265	129.8552	243.2838	130.7081	129.2619	0	100	0	0	0	-9999	10
2087.385	2088.77	1444.27	128.4337	270.4953	129.299	133.6994	0	100	0	0	0	-9999	10
2087.39	2088.776	1444.276	129.8923	267.0423	130.7205	134.0826	0	100	0	0	0	-9999	10
2087.395	2088.781	1444.281	131.4003	253.7345	132.0801	134.2803	0	100	0	0	0	-9999	10
2087.4	2088.786	1444.286	134.1691	255.2624	134.8242	138.792	0	100	0	0	0	-9999	10
2087.405	2088.791	1444.291	134.3051	273.5969	135.195	136.3446	0	100	0	0	0	-9999	10
2087.41	2088.797	1444.297	135.8254	254.4679	136.666	138.792	0	100	0	0	0	-9999	10
2087.415	2088.802	1444.302	134.7624	252.7414	135.3434	136.8267	0	100	0	0	0	-9999	10
2087.42	2088.807	1444.307	134.3051	274.0094	135.1456	138.656	0	100	0	0	0	-9999	10
2087.425	2088.812	1444.312	133.3039	284.1698	133.7736	136.357	0	100	0	0	0	-9999	10
2087.43	2088.817	1444.317	132.2285	266.9659	133.0566	132.488	0	100	0	0	0	-9999	10
2087.435	2088.823	1444.323	132.5251	273.3066	133.5634	136.2086	0	100	0	0	0	-9999	10
2087.44	2088.828	1444.328	130.1766	236.5459	130.8317	130.8811	0	100	0	0	0	-9999	10
2087.445	2088.833	1444.333	129.5833	253.0164	130.1148	130.1395	0	100	0	0	0	-9999	10
2087.45	2088.838	1444.338	128.9529	285.056	129.5338	131.4497	0	100	0	0	0	-9999	10
2087.455	2088.844	1444.344	127.791	282.3516	128.718	129.0888	0	100	0	0	0	-9999	10
2087.46	2088.849	1444.349	127.8528	264.9797	128.3225	128.3843	0	95.80548	4.194518	4.194518	0	-9999	10
2087.465	2088.854	1444.354	127.1976	288.6312	127.9393	127.4449	0	100	0	0	0	-9999	10
2087.47	2088.859	1444.359	126.147	288.7993	127.037	130.4732	0	100	0	0	0	-9999	10
2087.475	2088.864	1444.364	125.8132	236.4542	126.3324	125.2694	0	86.80526	13.19474	13.19474	0	-9999	10
2087.48	2088.87	1444.37	126.4684	159.5715	126.8268	125.9739	0	80.03811	19.96189	19.96189	0	-9999	10
2087.485	2088.875	1444.375	126.3571	137.1728	126.7527	127.2471	0	79.05916	20.94084	20.94084	0	-9999	10
2087.49	2088.88	1444.38	127.1606	199.6324	127.3954	125.3559	0	82.14005	17.85995	17.85995	0	-9999	10
2087.495	2088.885	1444.385	127.7786	247.3785	128.0876	128.3101	0	89.82294	10.17706	10.17706	0	-9999	10
2087.5	2088.891	1444.391	127.037	253.6887	127.2718	127.3707	0	85.3165	14.6835	14.6835	0	-9999	10
2087.505	2088.896	1444.396	126.5796	263.8185	127.1606	126.9875	0	93.36677	6.633226	6.633226	0	-9999	10
2087.51	2088.901	1444.401	126.2582	249.4412	126.8639	128.9282	0	91.70914	8.290859	8.290859	0	-9999	10
2087.515	2088.906	1444.406	127.5561	250.0218	128.5573	130.5474	0	100	0	0	0	-9999	10
2087.52	2088.911	1444.411	125.7514	245.7284	125.8874	129.2866	0	77.57197	22.42803	22.42803	0	-9999	10
2087.525	2088.917	1444.417	127.0493	224.4145	127.5808	129.6327	0	91.35348	8.646522	8.646522	0	-9999	10
2087.53	2088.922	1444.422	126.32	228.0662	126.9628	127.655	0	91.49453	8.505473	8.505473	0	-9999	10
2087.535	2088.927	1444.427	127.074	223.4367	127.6921	129.8676	0	93.74025	6.259751	6.259751	0	-9999	10
2087.54	2088.932	1444.432	126.5054	217.3099	127.2224	129.3608	0	93.51875	6.481253	6.481253	0	-9999	10
2087.545	2088.937	1444.437	127.2965	209.7622	127.9146	128.7798	0	93.78665	6.213354	6.213354	0	-9999	10
2087.55	2088.943	1444.443	127.0246	203.6354	127.346	129.9541	0	84.19916	15.80084	15.80084	0	-9999	10
2087.555	2088.948	1444.448	126.7527	199.2046	127.3707	127.4943	0	90.7232	9.276799	9.276799	0	-9999	10
2087.56	2088.953	1444.453	128.1123	217.7072	128.8045	127.3707	0	100	0	0	0	-9999	10
2087.565	2088.958	1444.458	131.0295	179.8311	132.3768	133.3904	0	100	0	0	0	-9999	10
2087.57	2088.964	1444.464	132.6116	159.984	133.7859	135.3186	0	100	0	0	0	-9999	10
2087.575	2088.969	1444.469	132.5128	152.039	133.7736	136.1715	0	100	0	0	0	-9999	10
2087.58	2088.974	1444.474	127.8899	169.7777	128.4955	129.2001	0	93.37604	6.623961	6.623961	0	-9999	10
2087.585	2088.979	1444.479	123.9715	178.3949	124.639	124.7502	0	79.40081	20.59919	20.59919	0	-9999	10
2087.59	2088.984	1444.484	125.4919	182.184	125.6402	123.9221	0	72.69653	27.30347	27.30347	0	-9999	10
2087.595	2088.99	1444.49	124.7873	173.0168	125.2323	124.4906	0	76.79342	23.20658	23.20658	0	-9999	10

2087.6	2088.995	1444.495	126.7032	122.3524	127.3089	125.8132	0	84.99516	15.00484	15.00484	0	-9999	10
2087.605	2089	1444.5	128.2607	149.0138	128.9776	127.4201	0	96.87531	3.124687	3.124687	0	-9999	10
2087.61	2089.005	1444.505	128.0258	140.9008	127.7662	129.2248	0	67.89719	32.10281	32.10281	0	-9999	10
2087.615	2089.011	1444.511	117.1484	160.3812	117.9024	120.4611	0	57.84174	42.15826	42.15826	0	-9999	10
2087.62	2089.016	1444.516	106.7777	146.3706	106.753	104.7629	6.534404	27.05405	66.41154	66.41154	0	-9999	10
2087.625	2089.021	1444.521	101.5491	95.44646	101.0423	99.10171	27.40438	14.32374	58.27188	36.10453	22.16735	27.98503	10
2087.63	2089.026	1444.526	95.80139	85.40831	95.13391	94.57768	36.36687	8.817712	54.81541	32.79438	22.02104	28.21522	10
2087.635	2089.031	1444.531	92.61232	61.06923	92.73593	92.5258	39.05995	9.220379	51.71967	24.10206	27.61761	28.41409	10
2087.64	2089.037	1444.537	92.32803	68.08219	92.29094	91.36389	38.86971	8.76137	52.36892	27.83967	24.52925	28.47467	10
2087.645	2089.042	1444.542	93.72479	108.9987	93.52702	92.85954	28.92823	11.60808	59.46369	27.67114	31.79255	27.61006	10
2087.65	2089.047	1444.547	94.23158	123.8039	93.83604	95.52946	26.41188	11.92698	61.66114	26.68555	34.97559	27.05858	10
2087.655	2089.052	1444.552	94.26866	100.8704	93.76187	93.42813	32.78981	9.844134	57.36605	22.0676	35.29845	27.77996	10
2087.66	2089.058	1444.558	92.74829	91.50454	92.29094	91.04251	36.07191	8.632935	55.29515	26.17916	29.11599	28.15595	10
2087.665	2089.063	1444.563	90.06601	94.88115	90.02893	89.73227	34.46542	9.269295	56.26529	30.24592	26.01936	27.75252	10
2087.67	2089.068	1444.568	88.40967	69.99204	88.48384	88.11302	41.15025	7.150648	51.6991	35.90691	15.79219	28.43856	10
2087.675	2089.073	1444.573	87.71747	75.70629	87.98941	87.93997	38.8715	7.917038	53.21147	34.87526	18.3362	28.10705	10
2087.68	2089.078	1444.578	87.18596	77.34112	87.49498	87.66803	38.67747	7.879026	53.4435	26.85259	26.59091	28.01674	10
2087.685	2089.084	1444.584	87.29721	82.35256	87.96469	88.13774	34.58428	9.602609	55.81311	32.54123	23.27188	27.7314	10
2087.69	2089.089	1444.589	87.2354	81.92475	87.48262	84.51604	38.00172	7.989297	54.00898	38.62179	15.38719	28.49706	10
2087.695	2089.094	1444.594	86.95111	94.46862	87.16124	84.10814	35.51505	8.555317	55.92964	29.91601	26.01362	28.21213	10
2087.7	2089.099	1444.599	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2088.005	2089.418	1444.918	153.0316	251.0913	154.1317	130.6463	0	100	0	0	0	-9999	10
2088.01	2089.423	1444.923	153.1428	261.9239	153.1428	153.1057	0	100	0	0	0	-9999	10
2088.015	2089.428	1444.928	153.9339	316.8969	155.0217	156.6656	0	100	0	0	0	-9999	10
2088.02	2089.433	1444.933	155.615	315.369	156.1836	155.8498	0	100	0	0	0	-9999	10
2088.025	2089.439	1444.939	156.5173	290.541	157.1353	155.343	0	100	0	0	0	-9999	10
2088.03	2089.444	1444.944	157.1477	222.3061	157.2713	157.5803	0	100	0	0	0	-9999	10
2088.035	2089.449	1444.949	156.8387	269.0285	157.2713	157.0117	0	100	0	0	0	-9999	10
2088.04	2089.454	1444.954	159.076	265.4228	159.83	162.9696	0	100	0	0	0	-9999	10
2088.045	2089.46	1444.96	159.1131	281.3738	159.9165	159.2737	0	100	0	0	0	-9999	10
2088.05	2089.465	1444.965	158.9276	278.1041	159.6817	160.4233	0	100	0	0	0	-9999	10
2088.055	2089.47	1444.97	158.495	341.1596	159.7064	160.9424	0	100	0	0	0	-9999	10
2088.06	2089.475	1444.975	156.7274	374.5896	157.7534	157.1477	0	100	0	0	0	-9999	10
2088.065	2089.48	1444.98	154.9475	369.41	156.0352	158.9029	0	100	0	0	0	-9999	10
2088.07	2089.486	1444.986	155.3554	377.1105	156.369	158.1984	0	100	0	0	0	-9999	10
2088.075	2089.491	1444.991	154.9969	391.1823	155.9116	154.6756	0	100	0	0	0	-9999	10
2088.08	2089.496	1444.996	154.0452	393.5352	154.9722	154.0822	0	100	0	0	0	-9999	10
2088.085	2089.501	1445.001	154.416	361.8776	155.034	158.6804	0	100	0	0	0	-9999	10
2088.09	2089.507	1445.007	153.0316	403.8637	154.1688	153.0316	0	100	0	0	0	-9999	10
2088.095	2089.512	1445.012	150.4605	423.9552	151.7337	150.9303	0	100	0	0	0	-9999	10
2088.1	2089.517	1445.017	149.2739	442.7481	150.7943	151.2393	0	100	0	0	0	-9999	10
2088.105	2089.522	1445.022	147.7906	416.6673	149.0638	150.3122	0	100	0	0	0	-9999	10
2088.11	2089.527	1445.027	148.4952	413.0309	148.8784	148.0255	0	100	0	0	0	-9999	10
2088.115	2089.533	1445.033	148.2109	429.7306	148.6188	149.0638	0	100	0	0	0	-9999	10
2088.12	2089.538	1445.038	147.4074	431.2279	148.3963	150.5594	0	100	0	0	0	-9999	10
2088.125	2089.543	1445.043	152.6113	375.3382	153.5136	151.9438	0	100	0	0	0	-9999	10
2088.13	2089.548	1445.048	153.2541	343.8334	154.4531	156.233	0	100	0	0	0	-9999	10
2088.135	2089.554	1445.054	153.3035	335.8273	154.4531	152.9698	0	100	0	0	0	-9999	10
2088.14	2089.559	1445.059	151.4865	372.8783	152.6978	157.0612	0	100	0	0	0	-9999	10
2088.145	2089.564	1445.064	149.7189	360.4872	150.955	153.7114	0	100	0	0	0	-9999	10
2088.15	2089.569	1445.069	147.9637	408.0959	149.2863	149.0761	0	100	0	0	0	-9999	10
2088.155	2089.574	1445.074	147.7412	409.8988	149.3975	148.557	0	100	0	0	0	-9999	10
2088.16	2089.58	1445.08	145.0095	484.3675	147.7165	149.2121	0	100	0	0	0	-9999	10
2088.165	2089.585	1445.085	145.7511	427.1485	147.6794	149.1379	0	100	0	0	0	-9999	10
2088.17	2089.59	1445.09	146.2579	368.0044	147.5681	147.5311	0	100	0	0	0	-9999	10
2088.175	2089.595	1445.095	145.7511	348.5087	146.4804	148.9649	0	100	0	0	0	-9999	10
2088.18	2089.601	1445.101	147.6794	351.0602	148.4334	147.494	0	100	0	0	0	-9999	10
2088.185	2089.606	1445.106	147.5063	328.1574	148.3716	151.0786	0	100	0	0	0	-9999	10
2088.19	2089.611	1445.111	148.3716	343.3292	149.3728	152.4135	0	100	0	0	0	-9999	10
2088.195	2089.616	1445.116	149.8301	330.9228	151.3752	153.8845	0	100	0	0	0	-9999	10
2088.2	2089.621	1445.121	147.8772	348.2031	149.0638	151.7831	0	100	0	0	0	-9999	10
2088.205	2089.627	1445.127	145.6893	350.6477	146.6534	145.986	0	100	0	0	0	-9999	10
2088.21	2089.632	1445.132	144.1566	403.2372	145.1331	144.515	0	100	0	0	0	-9999	10
2088.215	2089.637	1445.137	141.7833	466.9344	143.0194	147.1726	0	100	0	0	0	-9999	10
2088.22	2089.642	1445.142	143.8599	407.4083	144.8735	146.1096	0	100	0	0	0	-9999	10
2088.225	2089.648	1445.148	143.6498	376.7897	144.651	150.51	0	100	0	0	0	-9999	10
2088.23	2089.653	1445.153	145.0713	376.8966	146.1467	149.311	0	100	0	0	0	-9999	10
2088.235	2089.658	1445.158	145.3308	333.6425	146.5298	149.9661	0	100	0	0	0	-9999	10
2088.24	2089.663	1445.163	144.7252	344.4904	145.9736	148.0873	0	100	0	0	0	-9999	10
2088.245	2089.668	1445.168	144.0206	379.8149	145.3432	149.311	0	100	0	0	0	-9999	10
2088.25	2089.674	1445.174	142.9081	386.6139	143.9094	146.6164	0	100	0	0	0	-9999	10
2088.255	2089.679	1445.179	142.834	378.8218	144.2431	147.667	0	100	0	0	0	-9999	10
2088.26	2089.684	1445.184	142.2407	366.6599	143.4644	143.7487	0	100	0	0	0	-9999	10

2088.265	2089.689	1445.189	141.1653	379.326	141.3136	138.5942	0	100	0	0	0	-9999	10
2088.27	2089.695	1445.195	141.1653	361.6332	142.1541	142.4755	0	100	0	0	0	-9999	10
2088.275	2089.7	1445.2	139.4224	383.1304	140.1146	141.2765	0	100	0	0	0	-9999	10
2088.28	2089.705	1445.205	138.0998	376.4688	139.2123	141.326	0	100	0	0	0	-9999	10
2088.285	2089.71	1445.21	138.9651	261.8934	139.9539	142.7104	0	100	0	0	0	-9999	10
2088.29	2089.715	1445.215	139.8674	214.8959	140.5102	141.19	0	100	0	0	0	-9999	10
2088.295	2089.721	1445.221	141.7339	287.7145	142.4013	144.1937	0	100	0	0	0	-9999	10
2088.3	2089.726	1445.226	142.2159	337.9663	143.3655	147.4198	0	100	0	0	0	-9999	10
2088.305	2089.731	1445.231	141.9193	357.2787	143.1801	145.0218	0	100	0	0	0	-9999	10
2088.31	2089.736	1445.236	141.5979	356.8967	142.4755	140.8068	0	100	0	0	0	-9999	10
2088.315	2089.742	1445.242	141.8822	362.6721	143.1306	146.9377	0	100	0	0	0	-9999	10
2088.32	2089.747	1445.247	140.1023	361.1748	141.2889	143.897	0	100	0	0	0	-9999	10
2088.325	2089.752	1445.252	139.0516	397.6299	140.3124	143.007	0	100	0	0	0	-9999	10
2088.33	2089.757	1445.257	139.5955	392.1143	140.2506	140.6214	0	100	0	0	0	-9999	10
2088.335	2089.762	1445.262	137.5807	379.0051	138.5819	138.0875	0	100	0	0	0	-9999	10
2088.34	2089.768	1445.268	137.8279	388.9669	139.0021	138.792	0	100	0	0	0	-9999	10
2088.345	2089.773	1445.273	137.4447	353.2909	138.656	142.1789	0	100	0	0	0	-9999	10
2088.35	2089.778	1445.278	136.3322	368.7989	137.1233	138.3223	0	100	0	0	0	-9999	10
2088.355	2089.783	1445.283	135.6771	411.5794	136.4558	136.8885	0	100	0	0	0	-9999	10
2088.36	2089.789	1445.289	135.5041	378.0731	136.7772	140.5349	0	100	0	0	0	-9999	10
2088.365	2089.794	1445.294	134.5523	368.0961	134.9602	135.3186	0	100	0	0	0	-9999	10
2088.37	2089.799	1445.299	133.8724	412.2975	134.7253	131.0295	0	100	0	0	0	-9999	10
2088.375	2089.804	1445.304	133.1184	428.8292	133.9961	136.666	0	100	0	0	0	-9999	10
2088.38	2089.809	1445.309	131.8082	449.4708	132.6487	131.5115	0	100	0	0	0	-9999	10
2088.385	2089.815	1445.315	132.2408	420.4411	133.7612	134.5399	0	100	0	0	0	-9999	10
2088.39	2089.82	1445.32	132.5004	487.3163	134.4658	134.0084	0	100	0	0	0	-9999	10
2088.395	2089.825	1445.325	132.7353	482.091	134.5028	139.8056	0	100	0	0	0	-9999	10
2088.4	2089.83	1445.33	132.8712	477.4921	134.6141	136.6042	0	100	0	0	0	-9999	10
2088.405	2089.836	1445.336	131.6352	480.4561	133.7612	134.1444	0	100	0	0	0	-9999	10
2088.41	2089.841	1445.341	129.7934	490.9374	130.98	129.8428	0	100	0	0	0	-9999	10
2088.415	2089.846	1445.346	128.5573	515.7501	129.9294	134.2309	0	100	0	0	0	-9999	10
2088.42	2089.851	1445.351	129.1259	482.534	130.3126	130.3126	0	100	0	0	0	-9999	10
2088.425	2089.856	1445.356	130.3867	474.3293	132.2161	136.1468	0	100	0	0	0	-9999	10
2088.43	2089.862	1445.362	129.0147	489.4553	130.2137	134.7377	0	100	0	0	0	-9999	10
2088.435	2089.867	1445.367	130.3991	405.2999	131.4621	131.3014	0	100	0	0	0	-9999	10
2088.44	2089.872	1445.372	128.7675	414.4977	129.9294	128.5326	0	100	0	0	0	-9999	10
2088.445	2089.877	1445.377	127.21	387.439	128.7304	132.3892	0	100	0	0	0	-9999	10
2088.45	2089.882	1445.382	126.9628	285.4074	127.9764	128.0753	0	100	0	0	0	-9999	10
2088.455	2089.888	1445.388	126.4684	385.8653	128.4337	130.2507	0	100	0	0	0	-9999	10
2088.46	2089.893	1445.393	129.3855	432.2669	130.7699	134.9107	0	100	0	0	0	-9999	10
2088.465	2089.898	1445.398	130.053	497.003	131.7958	139.2864	0	100	0	0	0	-9999	10
2088.47	2089.903	1445.403	130.0653	522.7783	132.0307	130.4238	0	100	0	0	0	-9999	10
2088.475	2089.909	1445.409	127.8157	569.5925	129.5709	131.8947	0	100	0	0	0	-9999	10
2088.48	2089.914	1445.414	129.299	531.2733	130.8564	135.5164	0	100	0	0	0	-9999	10
2088.485	2089.919	1445.419	129.1259	514.6653	130.807	132.5993	0	100	0	0	0	-9999	10
2088.49	2089.924	1445.424	128.2607	516.621	129.5585	129.8181	0	100	0	0	0	-9999	10
2088.495	2089.929	1445.429	128.6191	506.7967	131.0542	139.5213	0	100	0	0	0	-9999	10
2088.5	2089.935	1445.435	130.1148	457.7672	132.006	133.0566	0	100	0	0	0	-9999	10
2088.505	2089.94	1445.44	127.6797	453.8558	129.5833	134.5152	0	100	0	0	0	-9999	10
2088.51	2089.945	1445.445	128.3966	432.0836	129.7934	133.4769	0	100	0	0	0	-9999	10
2088.515	2089.95	1445.45	130.3867	415.9645	132.2903	136.357	0	100	0	0	0	-9999	10
2088.52	2089.956	1445.456	127.9022	446.6442	129.6945	129.2866	0	100	0	0	0	-9999	10
2088.525	2089.961	1445.461	127.4078	461.8313	128.9776	128.854	0	100	0	0	0	-9999	10
2088.53	2089.966	1445.466	128.7304	390.3572	129.917	134.3669	0	100	0	0	0	-9999	10
2088.535	2089.971	1445.471	128.4708	403.2067	129.4844	128.0753	0	100	0	0	0	-9999	10
2088.54	2089.976	1445.476	127.1976	404.6734	128.718	129.0394	0	100	0	0	0	-9999	10
2088.545	2089.982	1445.482	126.6909	442.9773	128.9405	132.2903	0	100	0	0	0	-9999	10
2088.55	2089.987	1445.487	125.4671	468.7068	127.3954	133.9837	0	100	0	0	0	-9999	10
2088.555	2089.992	1445.492	125.8256	407.0111	127.1853	127.5561	0	100	0	0	0	-9999	10
2088.56	2089.997	1445.497	123.4153	472.2362	125.6402	126.765	0	100	0	0	0	-9999	10
2088.565	2090.003	1445.503	124.0333	460.3646	125.9245	126.7897	0	100	0	0	0	-9999	10
2088.57	2090.008	1445.508	124.0086	425.7734	126.1717	127.5314	0	100	0	0	0	-9999	10
2088.575	2090.013	1445.513	124.6266	306.1865	126.2706	128.409	0	100	0	0	0	-9999	10
2088.58	2090.018	1445.518	124.9604	268.3104	126.4189	126.5425	0	100	0	0	0	-9999	10
2088.585	2090.023	1445.523	126.0728	317.2178	127.4201	128.9652	0	100	0	0	0	-9999	10
2088.59	2090.029	1445.529	124.7749	386.889	126.5673	130.0035	0	100	0	0	0	-9999	10
2088.595	2090.034	1445.534	127.9764	329.3491	129.4226	128.0011	0	100	0	0	0	-9999	10
2088.6	2090.039	1445.539	126.8763	320.1207	128.545	133.2791	0	100	0	0	0	-9999	10
2088.605	2090.044	1445.544	124.8367	377.9509	126.5425	130.1766	0	100	0	0	0	-9999	10
2088.61	2090.05	1445.55	121.3634	504.7494	124.5277	125.6649	0	100	0	0	0	-9999	10
2088.615	2090.055	1445.555	123.3164	379.1273	125.4919	128.6068	0	100	0	0	0	-9999	10
2088.62	2090.06	1445.56	124.2805	323.5585	125.7267	126.5425	0	100	0	0	0	-9999	10
2088.625	2090.065	1445.565	121.8949	367.103	123.6007	128.0876	0	100	0	0	0	-9999	11

2088.63	2090.07	1445.57	120.424	393.9477	121.7836	123.7119	0	95.47575	4.524251	4.524251	0	-9999	11
2088.635	2090.076	1445.576	119.6082	358.6691	120.906	123.9839	0	88.82207	11.17793	11.17793	0	-9999	11
2088.64	2090.081	1445.581	118.4833	343.4209	120.1768	121.4375	0	91.13859	8.861407	8.861407	0	-9999	11
2088.645	2090.086	1445.586	115.8629	462.855	117.4698	120.3004	0	88.45769	11.54231	11.54231	0	-9999	11
2088.65	2090.091	1445.591	114.6639	440.0132	116.2708	120.9678	0	83.12114	16.87886	16.87886	0	-9999	11
2088.655	2090.097	1445.597	112.3771	454.1155	114.3796	118.2856	0	82.91276	17.08724	17.08724	0	-9999	11
2088.66	2090.102	1445.602	112.7356	426.4151	114.7628	115.1336	0	82.48486	17.51514	17.51514	0	-9999	11
2088.665	2090.107	1445.607	110.1522	521.7546	111.7591	113.8481	0	76.2349	23.7651	23.7651	0	-9999	11
2088.67	2090.112	1445.612	108.4711	546.5826	109.8308	110.2016	0	71.18895	28.81105	28.81105	0	-9999	11
2088.675	2090.117	1445.617	106.4811	643.3278	108.0509	111.6849	0	75.84309	24.15691	24.15691	0	-9999	11
2088.68	2090.123	1445.623	110.9186	603.6183	113.1559	116.0235	0	91.83647	8.163527	8.163527	0	-9999	11
2088.685	2090.128	1445.628	117.6922	546.6896	120.8195	125.1705	0	100	0	0	0	-9999	11
2088.69	2090.133	1445.633	109.7567	726.0165	111.9569	110.8444	0	96.30346	3.69654	3.69654	0	-9999	11
2088.695	2090.138	1445.638	117.5316	392.0837	120.8319	119.3609	0	100	0	0	0	-9999	11
2088.7	2090.144	1445.644	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2089.01	2090.467	1445.967	110.1646	272.6191	110.1522	110.659	0	40.36091	59.63909	59.63909	0	-9999	11
2089.015	2090.472	1445.972	111.413	277.0193	111.1287	111.7838	0	39.33403	60.66597	60.66597	0	-9999	11
2089.02	2090.478	1445.978	116.073	328.6921	117	118.8171	0	69.06887	30.93113	30.93113	0	-9999	11
2089.025	2090.483	1445.983	112.8098	319.0054	112.0928	108.0509	0	38.78565	61.21435	61.21435	0	-9999	11
2089.03	2090.488	1445.988	114.5279	300.2583	114.2683	113.4278	0	46.07201	53.92799	53.92799	0	-9999	11
2089.035	2090.493	1445.993	111.4624	242.3213	111.2276	112.2906	0	37.65252	62.34748	62.34748	0	-9999	11
2089.04	2090.499	1445.999	115.4673	248.6467	115.9494	118.916	0	55.22399	44.77601	44.77601	0	-9999	11
2089.045	2090.504	1446.004	117.272	296.1942	117.0371	113.8357	0	51.16356	48.83644	48.83644	0	-9999	11
2089.05	2090.509	1446.009	118.2732	362.4429	118.6564	121.2151	0	68.18335	31.81665	31.81665	0	-9999	11
2089.055	2090.514	1446.014	120.7083	366.4612	121.66	123.0074	0	86.42984	13.57016	13.57016	0	-9999	11
2089.06	2090.519	1446.019	120.0408	325.5294	120.6341	120.6835	0	74.46601	25.53399	25.53399	0	-9999	11
2089.065	2090.525	1446.025	120.0531	268.0965	119.4475	119.2497	0	48.36899	51.63101	51.63101	0	-9999	11
2089.07	2090.53	1446.03	117.9024	265.5297	117.6799	119.8801	0	50.55177	49.44823	49.44823	0	-9999	11
2089.075	2090.535	1446.035	117.9395	246.9507	117.8035	116.6787	0	50.80556	49.19444	49.19444	0	-9999	11
2089.08	2090.54	1446.04	112.2782	251.1524	111.1781	111.7591	0	28.9345	71.0655	71.0655	0	-9999	11
2089.085	2090.546	1446.046	111.0298	351.8395	109.0645	107.5688	0	25.04435	74.95565	74.95565	0	-9999	11
2089.09	2090.551	1446.051	116.0606	306.8588	115.4055	114.6391	0	43.33101	56.66899	56.66899	0	-9999	11
2089.095	2090.556	1446.056	115.4179	336.5607	113.9099	112.1794	0	32.46826	67.53174	67.53174	0	-9999	11
2089.1	2090.561	1446.061	115.1212	366.9349	113.4278	109.633	0	31.77395	68.22605	68.22605	0	-9999	11
2089.105	2090.566	1446.066	117.2596	400.4718	116.7405	112.303	0	53.67343	46.32657	46.32657	0	-9999	11
2089.11	2090.572	1446.072	116.5798	360.1511	115.7516	110.8073	0	45.13098	54.86902	54.86902	0	-9999	11
2089.115	2090.577	1446.077	113.0817	394.0547	113.5514	114.2312	0	59.65134	40.34866	40.34866	0	-9999	11
2089.12	2090.582	1446.082	113.7615	442.1064	113.6997	110.1522	0	57.03536	42.96464	42.96464	0	-9999	11
2089.125	2090.587	1446.087	116.4933	332.3743	116.8517	115.5415	0	61.35845	38.64155	38.64155	0	-9999	11
2089.13	2090.593	1446.093	114.1447	392.0073	114.8493	117.7046	0	65.09599	34.90401	34.90401	0	-9999	11
2089.135	2090.598	1446.098	112.5996	428.2027	113.1559	111.413	0	62.1141	37.8859	37.8859	0	-9999	11
2089.14	2090.603	1446.103	112.7109	427.4541	113.1929	109.6701	0	61.31446	38.68554	38.68554	0	-9999	11
2089.145	2090.608	1446.108	110.4983	446.9956	110.9186	110.3005	0	57.66817	42.33183	42.33183	0	-9999	11
2089.15	2090.613	1446.113	110.9556	433.8101	111.9074	115.3066	0	64.07965	35.92035	35.92035	0	-9999	11
2089.155	2090.619	1446.119	112.2782	341.6027	112.7109	112.4142	0	54.01695	45.98305	45.98305	0	-9999	11
2089.16	2090.624	1446.124	112.167	342.5958	112.2164	110.3005	0	49.0135	50.9865	50.9865	0	-9999	11
2089.165	2090.629	1446.129	114.9358	350.1588	114.9605	117.8653	0	54.19973	45.80027	45.80027	0	-9999	11
2089.17	2090.634	1446.134	113.811	386.6598	114.4043	115.9494	0	62.4017	37.5983	37.5983	0	-9999	11
2089.175	2090.64	1446.14	112.3895	343.8639	112.7603	113.1929	0	53.5888	46.4112	46.4112	0	-9999	11
2089.18	2090.645	1446.145	110.9309	307.6227	111.6973	114.6391	0	53.23174	46.76826	46.76826	0	-9999	11
2089.185	2090.65	1446.15	113.7368	231.5956	114.0829	115.0594	0	48.34437	51.65563	51.65563	0	-9999	11
2089.19	2090.655	1446.155	113.4402	289.4868	113.6132	115.8505	0	49.31408	50.68592	50.68592	0	-9999	11
2089.195	2090.66	1446.16	111.413	420.2272	111.4624	110.2016	0	52.99981	47.00019	47.00019	0	-9999	11
2089.2	2090.666	1446.166	109.4476	472.8626	110.4489	109.0892	0	64.17462	35.82538	35.82538	0	-9999	11
2089.205	2090.671	1446.171	109.0645	504.8105	109.5465	110.1646	0	59.79249	40.20751	40.20751	0	-9999	11
2089.21	2090.676	1446.176	109.2128	425.6512	108.879	108.1868	0	45.8579	54.1421	54.1421	0	-9999	11
2089.215	2090.681	1446.181	110.3253	438.1339	111.0051	105.6282	0	59.81003	40.18997	40.18997	0	-9999	11
2089.22	2090.687	1446.187	109.4971	431.6099	110.0657	110.8568	0	56.56164	43.43836	43.43836	0	-9999	11
2089.225	2090.692	1446.192	107.6306	491.0749	108.8543	113.2424	0	64.25452	35.74548	35.74548	0	-9999	11
2089.23	2090.697	1446.197	104.5775	558.8515	106.6294	106.4563	0	70.99127	29.00873	29.00873	0	-9999	11
2089.235	2090.702	1446.202	103.1807	524.7034	104.8371	107.198	0	62.43658	37.56342	37.56342	0	-9999	11
2089.24	2090.707	1446.207	102.6863	524.2145	104.3056	107.0867	0	61.23489	38.76511	38.76511	0	-9999	11
2089.245	2090.713	1446.213	102.9335	457.4921	104.5404	103.4898	0	57.04644	42.95356	42.95356	0	-9999	11
2089.25	2090.718	1446.218	102.6863	456.4837	104.8	110.3005	0	60.8923	39.1077	39.1077	0	-9999	11
2089.255	2090.723	1446.223	101.1907	432.7405	102.5256	103.6752	0	50.40827	49.59173	49.59173	0	-9999	11
2089.26	2090.728	1446.228	103.8729	325.5141	105.5293	108.4217	0	50.22453	49.77547	49.77547	0	-9999	11
2089.265	2090.734	1446.234	108.125	198.6087	109.2128	113.8604	0	44.01872	55.98128	55.98128	0	-9999	11
2089.27	2090.739	1446.239	111.6973	193.0778	113.0941	116.3078	0	55.21661	44.78339	44.78339	0	-9999	11
2089.275	2090.744	1446.244	110.8938	228.9371	111.4006	113.1435	0	44.69825	55.30175	55.30175	0	-9999	11
2089.28	2090.749	1446.249	105.4675	326.9198	106.1844	108.1992	0	44.40166	55.59834	55.59834	0	-9999	11
2089.285	2090.754	1446.254	98.42187	351.8395	98.03868	101.2525	0	30.09248	69.90752	69.90752	0	-9999	11
2089.29	2090.76	1446.26	92.29094	259.021	88.65689	79.97966	20.57319	6.402508	73.0243	44.86593	28.15837	27.78753	11
2089.295	2090.765	1446.265	87.12416	213.4138	84.16994	81.61127	31.09479	6.088975	62.81623	32.76233	30.0539	26.36056	11

2089.3	2090.77	1446.27	83.20581	235.4764	82.99567	82.27875	8.093903	15.09873	76.80736	66.30902	10.49835	27.11677	11
2089.305	2090.775	1446.275	81.32698	218.3336	80.54825	79.38634	18.37758	11.8101	69.81232	44.20948	25.60284	26.09155	11
2089.31	2090.781	1446.281	81.0674	226.141	81.59891	82.26639	6.572646	15.7145	77.71285	71.91953	5.793326	-9999	1
2089.315	2090.786	1446.286	75.77701	280.1668	78.43456	79.1144	0	22.07128	77.92872	77.92872	0	-9999	1
2089.32	2090.791	1446.291	74.18247	147.1804	77.43334	78.94135	10.94022	13.52808	75.5317	66.77991	8.751797	27.62091	1
2089.325	2090.796	1446.296	74.28136	68.87669	75.72756	76.39504	43.7849	4.477487	51.73761	17.84596	33.89166	27.97742	1
2089.33	2090.801	1446.301	74.0465	47.5628	74.92412	76.2838	53.56552	1.826015	44.60846	16.5087	28.09976	29.27574	1
2089.335	2090.807	1446.307	72.90932	50.46577	73.66332	74.8994	54.86718	1.429956	43.70287	24.38729	19.31558	29.36113	1
2089.34	2090.812	1446.312	72.40253	63.28466	72.40253	72.37781	58.07479	0.827473	41.09774	10.56874	30.52899	29.76378	1
2089.345	2090.817	1446.317	72.76099	34.65225	72.67446	74.60274	65.34462	0	34.65538	12.38035	22.27503	29.7802	1
2089.35	2090.822	1446.322	65.60413	47.41002	64.99845	66.148	72.86497	0	27.13503	6.048854	21.08618	29.33551	1
2089.355	2090.827	1446.327	64.26917	35.81343	64.60291	65.03553	69.61903	0	30.38097	12.1877	18.19327	29.06596	1
2089.36	2090.833	1446.333	65.48052	35.23284	66.24688	66.91436	65.29225	0	34.70775	9.151188	25.55657	29.178	1
2089.365	2090.838	1446.338	61.58689	32.75768	62.37797	57.90339	69.28178	0	30.71822	10.87304	19.84518	29.57955	1
2089.37	2090.843	1446.343	64.68943	37.38714	65.36927	63.81182	66.16927	0	33.83073	17.23539	16.59534	29.49801	1
2089.375	2090.848	1446.348	69.41123	19.34292	69.74497	70.06635	68.8742	0	31.1258	14.47547	16.65034	29.47758	1
2089.38	2090.854	1446.354	70.12815	14.05647	70.07871	70.14051	72.46362	0	27.53638	9.963771	17.57261	29.4696	1
2089.385	2090.859	1446.359	74.73871	16.57746	74.36788	73.10709	70.10251	0	29.89749	15.52018	14.37731	30.17294	1
2089.39	2090.864	1446.364	78.84247	9.335327	78.86719	78.92899	65.01419	0	34.98581	25.13743	9.848381	31.12342	1
2089.395	2090.869	1446.369	84.36772	20.16797	84.39244	83.47774	57.30946	1.725158	40.96538	22.84145	18.12393	31.23926	1
2089.4	2090.874	1446.374	85.13408	28.15877	85.14644	84.56549	54.76643	2.551163	42.68241	18.08176	24.60065	30.64116	1
2089.405	2090.88	1446.38	83.97217	27.86847	84.4666	85.45546	52.1696	3.535673	44.29472	27.1522	17.14252	29.89578	1
2089.41	2090.885	1446.385	83.29233	26.40171	83.60135	83.18108	54.58695	2.555093	42.85796	28.80377	14.05419	30.53352	1
2089.415	2090.89	1446.39	82.7979	53.52152	82.89679	82.48888	50.10736	3.559573	46.33307	25.41155	20.92152	29.42015	1
2089.42	2090.895	1446.395	79.43578	36.59265	79.0526	77.35918	61.03332	0.021013	38.94566	22.68239	16.26327	31.55813	1
2089.425	2090.901	1446.401	76.29616	35.03421	75.97478	74.49149	63.81994	0	36.18006	6.861473	29.31858	30.86326	1
2089.43	2090.906	1446.406	74.94884	39.77063	74.70162	74.84995	63.33849	0	36.66151	25.01479	11.64672	30.4846	1
2089.435	2090.911	1446.411	75.72756	32.91047	75.08481	74.05887	67.34768	0	32.65232	14.53313	18.11919	30.28566	1
2089.44	2090.916	1446.416	79.65828	105.1179	78.0761	77.05016	53.53769	1.895938	44.56637	25.06428	19.50209	28.88141	1
2089.445	2090.921	1446.421	77.09961	100.0454	75.91297	73.20597	54.05377	2.017344	43.92889	17.89008	26.03881	29.17206	1
2089.45	2090.927	1446.427	76.50629	48.02117	77.02544	78.17499	53.96967	1.941586	44.08874	16.01593	28.07281	29.4719	1
2089.455	2090.932	1446.432	76.4074	62.33737	76.32088	74.34316	55.29011	1.592753	43.11713	13.62156	29.49558	29.94572	1
2089.46	2090.937	1446.437	80.30103	32.55905	80.30103	78.18735	58.24376	0.959728	40.79651	29.34816	11.44836	31.23524	1
2089.465	2090.942	1446.442	78.75594	45.53073	78.45929	77.65584	58.82519	0.639141	40.53567	18.28409	22.25157	30.77265	1
2089.47	2090.948	1446.448	76.91419	34.60641	76.6917	76.59282	62.58851	0	37.41149	6.49327	30.91822	30.86509	1
2089.475	2090.953	1446.453	78.21207	39.15948	77.55695	76.01186	63.64547	0	36.35453	17.39745	18.95708	30.90331	1
2089.48	2090.958	1446.458	76.70406	32.40627	76.81531	76.53101	60.72779	0.073459	39.19875	11.3291	27.86966	31.1697	1
2089.485	2090.963	1446.463	75.3073	31.12285	75.29494	74.0465	63.28135	0	36.71865	12.8768	23.84185	30.88385	1
2089.49	2090.968	1446.468	76.95128	50.66439	75.91297	74.41733	64.99088	0	35.00912	7.790069	27.21905	30.45127	1
2089.495	2090.974	1446.474	78.53345	63.11659	77.43334	74.05887	61.00083	0	38.99917	8.677016	30.32216	31.23178	1
2089.5	2090.979	1446.479	79.63356	83.55958	78.08846	78.86719	58.49017	0.521671	40.98816	27.77457	13.21359	29.74619	1
2089.505	2090.984	1446.484	79.62119	72.9714	78.13791	77.22321	60.5849	0	39.4151	9.554192	29.8609	30.56996	1
2089.51	2090.989	1446.489	71.45075	56.63839	69.79441	67.80434	73.39544	0	26.60456	10.80045	15.80411	30.05478	1
2089.515	2090.995	1446.495	68.42237	41.78743	67.66837	63.98487	72.7824	0	27.2176	9.774948	17.44266	30.26436	1
2089.52	2091	1446.5	68.43473	32.71184	68.49654	69.10221	68.6448	0	31.3552	5.226899	26.1283	29.41937	1
2089.525	2091.005	1446.505	71.66088	78.13562	71.6238	70.16523	55.45055	1.602881	42.94656	28.89597	14.05059	29.25375	1
2089.53	2091.01	1446.51	75.83881	156.9129	72.16767	65.85134	60.70667	1.175133	38.11819	16.42558	21.69261	29.54651	1
2089.535	2091.015	1446.515	79.13913	135.8282	76.4074	69.47303	55.49241	1.41944	43.08815	20.10072	22.98743	29.59831	1
2089.54	2091.021	1446.521	78.10082	91.21424	75.40618	73.65096	66.95685	0	33.04315	18.31787	14.72528	29.50061	1
2089.545	2091.026	1446.526	77.08724	32.91047	76.88947	76.82767	62.64813	0	37.35187	6.41072	30.94115	30.89147	1
2089.55	2091.031	1446.531	76.51865	65.07227	75.10953	74.269	64.77606	0	35.22394	17.28452	17.93942	30.17654	1
2089.555	2091.036	1446.536	74.81287	61.60399	73.76221	71.77213	64.40663	0	35.59337	8.562176	27.0312	30.52985	1
2089.56	2091.042	1446.542	72.52613	30.20612	71.72269	70.84508	72.19279	0	27.80721	11.84938	15.95783	29.80778	6
2089.565	2091.047	1446.547	73.65096	36.47042	72.89696	72.6003	69.25881	0	30.74119	16.09513	14.64606	29.88016	6
2089.57	2091.052	1446.552	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2115.01	2116.179	1471.679	129.3113	76.348	129.6204	126.9381	0.162464	84.73994	15.09759	15.09759	0	-9999	-9999
2115.015	2116.185	1471.685	124.0086	106.4625	122.4511	120.5723	12.21845	25.42429	62.35726	49.82542	12.53184	26.9029	-9999
2115.02	2116.19	1471.69	121.4499	83.22345	120.6094	118.0878	14.64011	34.14863	51.21126	35.1065	16.10476	25.82582	-9999
2115.025	2116.195	1471.695	119.7194	193.6431	118.7924	111.0793	0	37.06238	62.93762	62.93762	0	-9999	-9999
2115.03	2116.2	1471.7	118.5328	151.657	117.5934	113.6997	1.52931	32.18243	66.28826	66.28826	0	-9999	-9999
2115.035	2116.205	1471.705	114.6762	68.08219	113.5267	110.8691	26.93098	18.45938	54.60964	31.62478	22.98486	27.6209	-9999
2115.04	2116.211	1471.711	109.7443	78.94539	107.9273	107.1362	34.01243	7.541714	58.44586	29.15369	29.29217	28.57958	-9999
2115.045	2116.216	1471.716	110.6837	164.9954	107.4081	105.0472	23.62795	0	76.37205	43.71689	32.65516	27.89886	-9999
2115.05	2116.221	1471.721	109.7072	115.7825	106.6418	103.428	34.80732	0	65.19268	25.492	39.70067	26.83012	-9999
2115.055	2116.226	1471.726	109.2993	68.86141	109.3611	108.8296	22.3012	26.14408	51.55472	35.95758	15.59714	26.55862	-9999
2115.06	2116.231	1471.731	113.23	102.2302	112.748	111.9692	14.82469	27.69811	57.4772	39.65039	17.8268	26.68961	-9999
2115.065	2116.237	1471.737	104.1696	81.63446	102.3155	100.3007	38.77777	4.954965	56.26726	31.23766	25.0296	29.08982	-9999
2115.07	2116.242	1471.742	106.7283	107.425	105.381	100.8075	26.25486	12.17322	61.57192	28.64252	32.9294	28.49109	-9999
2115.075	2116.247	1471.747	99.79391	91.44343	98.29826	96.95094	37.65157	6.376896	55.97153	35.43465	20.53688	28.48548	-9999
2115.08	2116.252	1471.752	100.2142	84.53742	99.0399	95.83847	36.44549	8.154964	55.39954	24.20239	31.19715	28.69948	-9999
2115.085	2116.257	1471.757	99.90515	97.17296	98.84213	95.69015	32.80983	9.560879	57.62929	23.52134	34.10795	28.33341	-9999
2115.09	2116.263	1471.763	104.5281	130.2057	102.5998	100.2883	27.26853	7.791733	64.93973	42.06681	22.87292	28.26434	-9999
2115.095	2116.268	1471.768	104.6764	139.2507	103.1684	101.2772	21.68612	11.77376	66.54012	34.95209	31.58804	27.93563	-9999

2115.1	2116.273	1471.773	97.87799	131.5807	95.85083	94.42935	33.82019	5.354851	60.82496	34.55753	26.26743	27.94331	-9999
2115.105	2116.278	1471.778	91.96956	102.215	89.46034	89.42325	50.0985	0.266176	49.63532	29.33541	20.29992	29.13529	-9999
2115.11	2116.283	1471.783	99.15115	124.7664	97.17343	97.14871	33.91478	5.480955	60.60427	32.81394	27.79033	27.82669	-9999
2115.115	2116.289	1471.789	107.0002	198.1656	104.4045	99.59614	13.72081	7.537628	78.74156	55.19006	23.5515	29.24531	-9999
2115.12	2116.294	1471.794	98.16229	57.92181	96.83969	95.14627	45.92375	4.473635	49.60261	18.86832	30.7343	29.59265	-9999
2115.125	2116.299	1471.799	97.28468	107.5167	96.11041	95.02267	33.57964	8.282406	58.13795	34.06031	24.07764	27.86228	-9999
2115.13	2116.304	1471.804	96.70373	94.97282	94.63948	92.25386	44.04703	2.435346	53.51763	29.12701	24.39061	29.2241	-9999
2115.135	2116.309	1471.809	97.29704	123.7733	94.91142	91.63583	39.02215	2.789367	58.18848	24.68217	33.50632	28.72421	-9999
2115.14	2116.315	1471.815	106.0855	201.2978	104.6888	99.23767	4.512173	17.67462	77.8132	72.18789	5.625314	-9999	-9999
2115.145	2116.32	1471.82	102.6863	111.0002	101.7716	101.6357	25.75541	13.23552	61.00907	42.7085	18.30057	27.45134	-9999
2115.15	2116.325	1471.825	89.9424	67.51688	88.23662	87.24777	54.13371	0.771593	45.0947	24.85877	20.23593	30.16524	-9999
2115.155	2116.33	1471.83	94.30574	117.5396	92.77301	88.86702	36.67281	5.993326	57.33387	37.20337	20.1305	28.36921	-9999
2115.16	2116.335	1471.835	89.07715	62.85685	88.00177	86.1971	51.17188	2.598861	46.22925	29.65685	16.5724	29.81005	-9999
2115.165	2116.341	1471.841	92.66177	210.7095	87.39609	83.39122	44.56843	0	55.43157	24.93253	30.49904	23.74352	-9999
2115.17	2116.346	1471.846	95.87556	269.7772	93.74951	81.80904	2.98526	13.7629	83.25184	82.68435	0.567497	-9999	-9999
2115.175	2116.351	1471.851	85.18352	85.71389	82.94623	80.83255	58.22741	0	41.77259	24.99853	16.77406	29.8084	-9999
2115.18	2116.356	1471.856	82.7361	38.89974	81.78432	80.85727	61.84532	0	38.15468	17.40913	20.74555	30.95085	-9999
2115.185	2116.361	1471.861	84.09578	32.13125	83.37886	82.77318	60.41227	0.177735	39.41	27.23713	12.17287	31.35948	-9999
2115.19	2116.367	1471.867	83.95981	42.06245	83.24289	82.84735	58.13401	0.807378	41.05861	24.21365	16.84496	30.71082	-9999
2115.195	2116.372	1471.872	88.85466	147.5623	85.88809	82.32819	45.53459	1.573805	52.89161	22.68888	30.20273	28.28805	-9999
2115.2	2116.377	1471.877	85.41838	67.68494	83.27997	81.66072	61.60799	0	38.39201	17.04542	21.34659	29.44364	-9999
2115.205	2116.382	1471.882	87.28485	48.41842	85.94989	84.63965	58.32662	0.197838	41.47555	14.54387	26.93168	31.04379	-9999
2115.21	2116.387	1471.887	90.42447	107.0278	88.17482	85.34421	48.34358	1.462077	50.19435	20.28553	29.90881	29.18066	-9999
2115.215	2116.393	1471.893	88.95355	39.44978	88.36023	88.03885	53.21408	2.792799	43.99312	27.95504	16.03808	30.13333	-9999
2115.22	2116.398	1471.898	88.29843	29.61025	87.71747	87.35901	56.10216	1.912191	41.98565	13.12853	28.85712	30.74229	-9999
2115.225	2116.403	1471.903	91.85832	123.4372	89.13896	85.29477	46.6936	0.855074	52.45133	20.74983	31.70149	29.11785	-9999
2115.23	2116.408	1471.908	85.67795	40.97766	85.28241	85.08464	54.32515	2.309999	43.36485	32.05307	11.31177	30.11073	-9999
2115.235	2116.413	1471.913	83.04512	50.98525	81.87085	81.58655	60.36065	0	39.63935	23.68546	15.95389	30.73155	8
2115.24	2116.419	1471.919	102.5009	206.9356	103.5392	99.88043	0	34.71325	65.28675	65.28675	0	-9999	8
2115.245	2116.424	1471.924	91.31445	141.9398	90.32559	83.09456	29.30494	9.051851	61.64321	33.56949	28.07371	28.23142	8
2115.25	2116.429	1471.929	81.26517	27.36427	81.96973	83.0204	53.15353	2.857536	43.98893	13.81658	30.17234	29.72076	8
2115.255	2116.434	1471.934	81.4135	42.9639	80.95615	81.22809	58.24676	0.832723	40.92052	13.41508	27.50544	30.44266	8
2115.26	2116.439	1471.939	90.1649	158.3491	88.07593	86.55556	34.91727	5.498037	59.5847	37.35481	22.22988	27.08933	8
2115.265	2116.445	1471.945	102.1919	100.7024	102.4515	100.9311	19.60178	20.98694	59.41128	30.97426	28.43702	27.33409	8
2115.27	2116.45	1471.95	87.06235	133.3684	84.21939	80.6595	49.66049	1.030198	49.30931	19.52839	29.78092	28.78893	8
2115.275	2116.455	1471.955	79.75716	52.26866	78.69414	79.16385	62.21282	0	37.78718	18.13632	19.65086	30.25814	8
2115.28	2116.46	1471.96	82.14278	42.35274	81.45058	81.85849	59.54383	0.375231	40.08094	27.36725	12.71369	30.7126	8
2115.285	2116.465	1471.965	85.88809	98.50222	83.95981	80.74602	52.08955	1.406382	46.50407	13.87871	32.62535	29.47971	8
2115.29	2116.471	1471.971	87.60623	95.15617	85.71503	84.28119	51.03122	1.551437	47.41735	23.4566	23.96075	29.19371	8
2115.295	2116.476	1471.976	86.1971	102.9942	84.19466	83.87329	51.29297	1.52287	47.18416	19.51174	27.67241	28.78853	8
2115.3	2116.481	1471.981	88.33551	222.2602	84.04634	78.54581	38.18545	2.43091	59.38364	22.65943	36.72421	26.8999	8
2115.305	2116.486	1471.986	92.19206	203.5896	88.76814	85.03519	32.45003	3.488174	64.0618	29.74159	34.32021	27.12531	8
2115.31	2116.491	1471.991	85.36893	114.4991	83.61371	81.15393	47.35479	2.932831	49.71238	28.04732	21.66506	28.42815	8
2115.315	2116.497	1471.997	97.56898	238.8988	96.22166	92.40219	2.864757	16.29976	80.83549	80.83549	0	-9999	8
2115.32	2116.502	1472.002	104.491	246.1868	104.7258	104.0089	0	33.2969	66.7031	66.7031	0	-9999	8
2115.325	2116.507	1472.007	99.37364	334.1619	96.2093	92.76065	0	12.78152	87.21848	87.21848	0	-9999	8
2115.33	2116.512	1472.012	104.5775	294.5135	101.4626	95.44293	0	9.939849	90.06015	90.06015	0	-9999	8
2115.335	2116.517	1472.017	138.9527	436.3158	140.4978	138.8415	0	100	0	0	0	-9999	8
2115.34	2116.523	1472.023	134.8242	659.3705	144.07	152.3888	0	100	0	0	0	-9999	8
2115.345	2116.528	1472.028	122.6613	597.4151	128.9158	133.2791	0	100	0	0	0	-9999	8
2115.35	2116.533	1472.033	94.39227	207.1801	91.75943	86.29599	23.42601	6.967909	69.60608	51.96966	17.63643	27.62552	8
2115.355	2116.538	1472.038	90.7953	213.1235	85.851	83.0204	43.2107	0	56.7893	16.08135	40.70795	25.8808	8
2115.36	2116.543	1472.043	91.17848	230.5413	86.59265	78.18735	35.86499	1.250147	62.88486	30.93687	31.94799	27.64383	8
2115.365	2116.549	1472.049	95.07211	290.0063	93.76187	86.53084	0	18.97491	81.02509	81.02509	0	-9999	8
2115.37	2116.554	1472.054	83.27997	200.4422	79.07732	72.19239	47.44595	2.185923	50.36813	21.14405	29.22408	27.54672	2
2115.375	2116.559	1472.059	78.59525	83.51374	76.58045	74.59038	63.09673	0	36.90327	25.72457	11.1787	29.93942	2
2115.38	2116.564	1472.064	80.00438	91.04618	78.44692	74.55329	56.43305	1.052268	42.51468	21.3765	21.13818	29.91916	2
2115.385	2116.569	1472.069	97.76675	117.5243	96.77789	89.68283	29.27737	10.24824	60.47439	27.11292	33.36148	28.70881	2
2115.39	2116.574	1472.074	103.2178	128.5097	101.3019	97.47009	28.78857	7.323031	63.8884	27.05189	36.83651	28.51853	2
2115.395	2116.58	1472.08	97.6555	98.71612	96.03625	93.61354	38.81687	5.34306	55.84007	30.32228	25.51779	28.64466	2
2115.4	2116.585	1472.085	96.08569	96.80627	94.29338	92.95842	42.06442	3.819836	54.11574	25.92469	28.19106	28.70007	2
2115.405	2116.59	1472.09	101.6604	155.6143	101.4502	93.40341	10.44233	20.63048	68.92719	59.37333	9.553863	29.07732	2
2115.41	2116.595	1472.095	103.8111	140.5647	104.7135	105.0225	3.484014	31.00302	65.51297	60.82024	4.692727	-9999	2
2115.415	2116.6	1472.1	96.08569	134.1934	94.16978	91.40097	33.97469	5.712409	60.3129	22.8389	37.474	28.01952	2
2115.42	2116.606	1472.106	90.5728	132.6655	88.558	84.59021	40.18265	4.106869	55.71048	24.04041	31.67007	28.20907	2
2115.425	2116.611	1472.111	91.90776	180.9923	89.26256	81.07976	32.145	5.03613	62.81887	31.43197	31.3869	28.14165	2
2115.43	2116.616	1472.116	91.53694	148.6777	90.21434	84.54077	30.05615	8.184745	61.7591	31.9797	29.77941	27.90853	2
2115.435	2116.621	1472.121	88.42204	114.2241	87.28485	87.19832	39.8227	5.638036	54.53926	29.52636	25.0129	27.50938	2
2115.44	2116.626	1472.126	98.01396	183.0091	98.49603	101.03	1.802926	23.75753	74.43954	74.43954	0	-9999	2
2115.445	2116.632	1472.132	94.81253	145.6678	93.87312	93.94728	24.80134	10.97906	64.2196	32.54903	31.67057	27.01593	2
2115.45	2116.637	1472.137	89.31201	137.4325	86.91403	82.36528	43.15864	2.866141	53.97522	18.85255	35.12266	28.40578	2
2115.455	2116.642	1472.142	91.11667	126.4165	89.74463	87.65567	36.21318	6.352308	57.43451	30.57776	26.85675	27.68498	2
2115.46	2116.647	1472.147	90.43683	60.10667	90.11546	88.37259	44.74299	5.935452	49.32156	17.90482	31.41674	29.00445	2

2115.465	2116.652	1472.152	91.35153	81.35944	90.72113	92.25386	41.15319	6.498329	52.34848	17.53161	34.81687	27.84986	2
2115.47	2116.658	1472.158	91.06723	107.1806	89.99185	88.66925	38.61468	6.255696	55.12963	25.65082	29.47881	27.89607	2
2115.475	2116.663	1472.163	87.19832	63.13187	86.58029	82.63721	49.28941	3.622116	47.08847	32.3686	14.71987	29.80841	2
2115.48	2116.668	1472.168	86.06114	165.7594	81.67308	79.89313	54.71745	0	45.28255	15.19854	30.08401	26.93503	2
2115.485	2116.673	1472.173	85.14644	235.568	80.41228	74.84995	41.34755	2.851859	55.80059	19.53307	36.26752	26.40807	2
2115.49	2116.678	1472.178	76.46921	105.1638	74.21955	72.98348	61.63351	0.212252	38.15424	14.20733	23.94691	29.75071	2
2115.495	2116.684	1472.184	80.38756	161.4202	77.24793	74.03414	51.31186	2.263102	46.42504	22.23099	24.19405	27.72084	2
2115.5	2116.689	1472.189	79.13913	135.8435	75.77701	75.04772	60.37429	0.121001	39.50471	11.6115	27.89321	29.03527	2
2115.505	2116.694	1472.194	80.6595	212.054	74.82523	73.86109	59.69175	0.091279	40.21697	26.64506	13.57192	27.55008	2
2115.51	2116.699	1472.199	81.99445	215.5529	77.6064	69.51012	46.40877	2.99991	50.59132	29.00829	21.58303	27.21222	2
2115.515	2116.704	1472.204	75.18369	84.35408	72.92168	71.562	67.94792	0	32.05208	13.81864	18.23343	29.64795	2
2115.52	2116.71	1472.21	80.84491	204.9647	78.27387	73.93526	35.94673	6.476418	57.57685	27.25683	30.32001	26.01269	2
2115.525	2116.715	1472.215	82.09334	207.5926	79.99202	77.70528	30.52198	7.858045	61.61998	31.55576	30.06422	25.67711	2
2115.53	2116.72	1472.22	75.90061	157.6769	72.06879	70.28884	61.71029	0.950358	37.33936	13.46975	23.86961	28.65047	2
2115.535	2116.725	1472.225	74.35552	151.1529	70.40009	67.86614	65.66854	0.443567	33.88789	8.780398	25.10749	29.54794	2
2115.54	2116.73	1472.23	76.46921	132.4211	73.82401	69.62136	58.1027	1.31697	40.58033	13.41667	27.16366	29.08975	2
2115.545	2116.736	1472.236	87.30957	180.0603	86.67917	86.27127	20.98619	11.51257	67.50124	49.92167	17.57957	26.47595	2
2115.55	2116.741	1472.241	89.37381	115.1561	88.99063	89.07715	32.87799	8.896788	58.22522	36.87493	21.3503	27.13407	2
2115.555	2116.746	1472.246	89.05243	186.951	86.51848	82.19223	32.46773	5.7145	61.81777	28.96279	32.85498	27.05731	2
2115.56	2116.751	1472.251	84.4666	122.6885	83.4283	81.68544	40.64694	5.439089	53.91397	30.23423	23.67973	27.4871	2
2115.565	2116.756	1472.256	83.91037	159.709	83.46538	78.86719	27.60154	9.538712	62.85975	36.15182	26.70794	27.09866	2
2115.57	2116.762	1472.262	88.80522	181.7257	86.7657	82.19223	30.12787	7.06487	62.80726	30.95688	31.85038	27.11154	2
2115.575	2116.767	1472.267	92.50108	178.2115	91.96956	88.66925	15.89103	14.01843	70.09054	54.24617	15.84437	27.60621	2
2115.58	2116.772	1472.272	88.0883	198.4712	85.71503	81.95737	29.32151	6.97431	63.70418	36.65425	27.04994	26.66661	2
2115.585	2116.777	1472.277	86.87694	188.1886	85.45546	80.57297	25.54808	9.247349	65.20457	37.36815	27.83642	26.97042	2
2115.59	2116.782	1472.282	88.74341	150.4042	88.13774	86.58029	26.65223	10.1507	63.19706	30.42201	32.77505	26.9392	2
2115.595	2116.788	1472.288	87.48262	145.4997	86.45668	85.91281	32.2561	7.861092	59.88281	30.19055	29.69226	26.7651	2
2115.6	2116.793	1472.293	87.1736	130.7404	86.09822	82.55069	36.49533	6.603948	56.90072	35.6245	21.27623	27.6426	2
2115.605	2116.798	1472.298	83.34177	139.6785	80.58533	73.20597	50.88581	1.674201	47.43999	21.85186	25.58813	29.15325	2
2115.61	2116.803	1472.303	81.04268	113.9032	78.39748	75.23313	58.37643	0.164275	41.45929	17.37851	24.08079	29.76147	2
2115.615	2116.808	1472.308	83.95981	140.091	82.69902	79.23801	38.6261	5.843007	55.53089	29.9638	25.56709	27.36936	2
2115.62	2116.814	1472.314	83.87329	156.0115	83.65079	83.24289	26.80612	9.942147	63.25174	30.32967	32.92206	26.39953	2
2115.625	2116.819	1472.319	74.75107	145.6983	71.95754	68.60778	57.61984	1.932455	40.4477	24.45958	15.98812	28.39861	2
2115.63	2116.824	1472.324	74.13303	97.46326	72.22948	69.44831	62.96404	0.152739	36.88322	10.51032	26.3729	30.25787	2
2115.635	2116.829	1472.329	76.6917	65.50008	76.41976	76.11075	55.70012	1.493031	42.80685	28.7136	14.09325	29.42014	2
2115.64	2116.834	1472.334	86.90167	158.4561	86.1353	82.50124	27.64342	9.441073	62.9155	46.32896	16.58655	27.10686	2
2115.645	2116.84	1472.34	78.31096	136.7144	77.16141	74.51621	43.77803	4.776884	51.44509	19.82209	31.623	27.18855	2
2115.65	2116.845	1472.345	73.6386	68.55583	72.2542	71.72269	66.39109	0	33.60891	18.57182	15.03709	29.81552	2
2115.655	2116.85	1472.35	76.76587	196.1641	74.88703	67.85378	36.46463	7.08445	56.45092	34.56776	21.88315	26.3326	8
2115.66	2116.855	1472.355	84.57785	305.3767	82.55069	71.9699	3.9977	14.91334	81.08896	81.08896	0	-9999	8
2115.665	2116.86	1472.36	80.32576	195.6293	78.69414	74.44205	31.40303	7.98428	60.61269	28.64205	31.97064	26.10331	8
2115.67	2116.866	1472.366	93.71243	150.9237	93.89784	94.56532	15.8241	16.33604	67.83986	48.27511	19.56476	27.08198	8
2115.675	2116.871	1472.371	86.17238	137.57	85.73976	82.94623	30.78231	8.894872	60.32282	34.4692	25.85362	27.18921	8
2115.68	2116.876	1472.376	90.68405	227.3633	89.36145	80.11562	11.79888	13.23932	74.9618	50.65363	24.30817	28.5202	8
2115.685	2116.881	1472.381	79.75716	139.2812	77.6682	73.9847	49.10682	3.071126	47.82206	26.88557	20.93649	27.92646	8
2115.69	2116.886	1472.386	80.3752	119.7244	78.79303	77.90305	49.34335	2.984084	47.67256	30.11032	17.56224	27.86661	3
2115.695	2116.892	1472.392	87.89052	121.4204	87.43318	87.79164	33.30143	8.39743	58.30114	34.77487	23.52627	26.95426	3
2115.7	2116.897	1472.397	98.17465	108.5709	97.38357	95.85083	29.53608	11.03265	59.43127	30.56019	28.87108	27.71629	3
2115.705	2116.902	1472.402	129.917	131.7335	130.0901	135.3805	0	86.98744	13.01256	13.01256	0	-9999	3
2115.71	2116.907	1472.407	117.7293	123.3302	117.2596	119.225	5.483341	36.58691	57.92975	50.10975	7.820002	-9999	3
2115.715	2116.912	1472.412	112.5378	115.7978	112.4637	114.7751	9.016915	32.76369	58.2194	53.05503	5.164367	26.13431	3
2115.72	2116.918	1472.418	102.9953	76.69941	101.5615	100.1524	37.79533	7.260429	54.94424	28.39939	26.54486	28.68338	3
2115.725	2116.923	1472.423	100.8446	65.59175	99.96696	96.44415	38.15128	9.213372	52.63534	26.08974	26.54561	28.92956	3
2115.73	2116.928	1472.428	104.6517	152.7724	104.1325	96.71609	10.77296	20.75463	68.47241	53.13876	15.33365	28.95555	8
2115.735	2116.933	1472.433	97.32176	89.47246	95.60362	95.05975	42.12724	4.066539	53.80622	30.9033	22.90292	28.69204	8
2115.74	2116.938	1472.438	116.1101	235.9195	116.2955	113.9964	0	51.28312	48.71688	48.71688	0	-9999	8
2115.745	2116.944	1472.444	126.456	319.1735	129.7934	130.0653	0	100	0	0	0	-9999	8
2115.75	2116.949	1472.449	106.0114	243.7727	103.3291	98.48367	4.264209	9.814158	85.92163	83.87026	2.051377	-9999	2
2115.755	2116.954	1472.454	98.01396	91.06146	96.28346	92.85954	41.20168	4.316102	54.48222	22.89979	31.58244	29.15865	2
2115.76	2116.959	1472.459	98.18701	64.03332	96.62956	94.93614	46.24214	3.537041	50.22082	33.34663	16.87419	29.63643	2
2115.765	2116.964	1472.464	100.5479	57.08148	100.6592	101.339	32.82004	15.24335	51.93661	18.0132	33.92341	27.47077	2
2115.77	2116.97	1472.47	97.54425	75.38544	97.14871	97.04983	35.08147	10.74301	54.17552	23.54174	30.63378	27.84588	2
2115.775	2116.975	1472.475	94.12033	70.43512	93.1562	91.38861	43.83606	5.470032	50.69391	19.28036	31.41355	28.99401	2
2115.78	2116.98	1472.48	94.56532	106.0805	92.61232	90.31323	42.46415	3.299327	54.23653	19.82057	34.41595	28.73413	2
2115.785	2116.985	1472.485	96.09805	112.8337	94.33046	94.07089	37.98282	5.031714	56.98547	33.61667	23.3688	27.97857	2
2115.79	2116.99	1472.49	101.8211	131.7794	101.7345	100.6344	15.10458	20.08333	64.81209	36.52901	28.28307	27.48431	2
2115.795	2116.996	1472.496	92.20442	65.45424	91.59874	91.31445	44.026	5.927692	50.04631	18.46996	31.57636	28.67695	2
2115.8	2117.001	1472.501	87.32193	82.12338	86.09822	82.14278	49.27374	2.859202	47.86706	28.1566	19.71046	29.56141	8
2115.805	2117.006	1472.506	92.9337	172.2987	91.8336	84.31827	21.33053	11.22592	67.44355	41.74309	25.70046	28.18229	8
2115.81	2117.011	1472.511	83.0822	32.14653	82.27875	82.29111	62.01164	0	37.98836	8.832394	29.15597	31.00584	8
2115.815	2117.016	1472.516	101.2896	477.4615	100.2142	89.22548	0	35.93373	64.06627	64.06627	0	-9999	8
2115.82	2117.022	1472.522	110.5972	307.638	111.0051	111.3512	0	48.29143	51.70857	51.70857	0	-9999	8
2115.825	2117.027	1472.527	87.19832	110.878	85.56671	84.78798	45.59009	3.40323	51.00668	26.74669	24.25999	28.11947	2

2115.83	2117.032	1472.532	96.53067	97.66188	96.53067	96.76553	27.5576	13.81506	58.62734	30.23977	28.38757	27.2503	2
2115.835	2117.037	1472.537	98.21173	100.3051	98.42187	99.42309	23.74284	16.64424	59.61292	39.83365	19.77927	27.0037	2
2115.84	2117.042	1472.542	90.93126	97.86051	90.47392	91.38861	36.20543	8.153862	55.6407	34.64266	20.99804	27.38609	2
2115.845	2117.048	1472.548	88.39731	117.509	86.4814	86.14766	45.08562	3.100757	51.81362	27.9371	23.87652	27.99347	2
2115.85	2117.053	1472.553	89.76935	110.603	87.89052	86.71625	45.20721	2.997376	51.79542	20.31322	31.48219	28.36914	2
2115.855	2117.058	1472.558	80.82019	93.30744	78.73122	77.63112	59.2545	0.059037	40.68646	18.87834	21.80812	29.90796	8
2115.86	2117.063	1472.563	85.17116	206.0036	80.98087	78.02666	44.26438	2.262213	53.4734	24.10337	29.37003	26.66738	8
2115.865	2117.068	1472.568	85.52962	304.1392	82.00682	74.40497	15.01284	10.63925	74.34791	42.99291	31.355	26.28996	8
2115.87	2117.074	1472.574	105.7147	446.1247	108.9532	102.2661	0	78.07669	21.92331	21.92331	0	-9999	8
2115.875	2117.079	1472.579	81.09212	233.2915	76.79059	75.81409	42.2756	4.53816	53.18624	26.45556	26.73069	25.11317	8
2115.88	2117.084	1472.584	78.78066	50.06852	77.82889	76.12311	62.78147	0	37.21853	20.06391	17.15462	30.6189	8
2115.885	2117.089	1472.589	78.97844	82.15393	77.47043	76.54337	59.14566	0.41575	40.43859	11.3335	29.1051	29.92045	8
2115.89	2117.094	1472.594	94.49115	349.6852	92.76065	87.79164	0	20.77684	79.22316	79.22316	0	-9999	8
2115.895	2117.099	1472.599	86.23419	248.3258	83.3665	76.44449	22.7943	8.71534	68.49036	43.99941	24.49096	26.50266	8
2115.9	2117.105	1472.605	84.44188	83.43735	82.40236	80.32576	57.92792	0	42.07208	24.6598	17.41228	30.17845	8
2115.905	2117.11	1472.61	95.0103	155.2476	93.57646	89.34909	26.13291	9.243254	64.62384	46.83866	17.78517	27.77958	8
2115.91	2117.115	1472.615	93.46521	105.3777	92.50108	87.8658	35.98267	7.547789	56.46954	39.10917	17.36037	28.46612	8
2115.915	2117.12	1472.62	95.77667	152.1307	93.08203	90.72113	35.95329	3.02418	61.02253	40.13693	20.8856	27.95472	8
2115.92	2117.125	1472.625	105.4675	367.3016	104.4168	98.45895	0	31.42713	68.57287	68.57287	0	-9999	8
2115.925	2117.131	1472.631	101.475	316.958	98.50839	89.1266	0	12.66795	87.33205	87.33205	0	-9999	8
2115.93	2117.136	1472.636	86.09822	72.52831	84.72618	84.13286	53.87111	1.423473	44.70542	16.24972	28.4557	29.67305	8
2115.935	2117.141	1472.641	98.75561	344.0015	92.19206	84.76326	16.76399	0	83.23601	55.80297	27.43305	23.10901	8
2115.94	2117.146	1472.646	108.0138	192.375	109.5836	112.8098	0	48.62309	51.37691	51.37691	0	-9999	8
2115.945	2117.151	1472.651	96.38235	269.7314	92.85954	88.39731	13.35502	6.954814	79.69017	54.57933	25.11084	27.75889	8
2115.95	2117.157	1472.657	84.36772	71.36712	83.47774	83.27997	52.00815	2.390139	45.60171	15.11519	30.48652	29.21065	2
2115.955	2117.162	1472.662	84.4666	58.31906	83.25525	82.92151	57.56549	0.581609	41.8529	10.48576	31.36714	30.36239	2
2115.96	2117.167	1472.667	86.69153	82.85676	85.45546	83.25525	49.77202	2.703059	47.52492	17.24731	30.27761	29.24936	2
2115.965	2117.172	1472.672	86.7657	145.2552	83.44066	79.67064	50.79282	0.37985	48.82733	20.99162	27.8357	28.75664	2
2115.97	2117.177	1472.677	87.18596	103.1775	84.86214	81.93265	52.82954	0.630209	46.54025	12.91112	33.62913	29.58323	2
2115.975	2117.183	1472.683	90.80766	135.5685	88.18718	84.71382	43.95806	2.01942	54.02252	22.39635	31.62617	28.46485	2
2115.98	2117.188	1472.688	94.77545	54.2549	94.57768	94.39227	41.20963	8.573638	50.21673	33.41761	16.79912	28.47932	2
2115.985	2117.193	1472.693	100.1276	83.55958	100.4737	101.5986	24.97887	18.25605	56.76509	25.88483	30.88026	26.94894	2
2115.99	2117.198	1472.698	96.9015	103.5442	95.96208	97.3712	33.0734	9.142728	57.78388	28.34358	29.4403	27.34048	2
2115.995	2117.203	1472.703	95.77667	116.6381	95.26988	93.79895	27.58666	11.7727	60.64064	43.7049	16.93573	27.50487	2
2116	2117.209	1472.709	107.7542	191.4735	107.1362	109.4229	0	25.49689	74.50311	74.50311	0	-9999	2
2116.005	2117.214	1472.714	107.3092	113.124	107.1238	106.1844	15.33643	23.91857	60.74499	46.13979	14.6052	27.16118	2
2116.01	2117.219	1472.719	101.1289	255.5527	96.81497	95.52946	18.55038	0.438923	81.01069	55.22087	25.78982	27.80382	2
2116.015	2117.224	1472.724	109.1263	303.5433	103.4898	99.47253	9.829191	0	90.17081	60.70824	29.46257	14.70048	2
2116.02	2117.229	1472.729	106.1597	101.0079	104.4663	101.8334	31.01318	8.404606	60.58222	36.57563	24.00659	28.51323	2
2116.025	2117.235	1472.735	109.1386	128.6931	107.5812	107.8655	20.519	13.16162	66.31938	48.02627	18.29311	27.63517	2
2116.03	2117.24	1472.74	104.1572	62.07763	103.7246	104.1572	32.50539	14.89094	52.60366	25.73653	26.86713	27.53468	2
2116.035	2117.245	1472.745	100.2389	84.09434	99.50961	99.84335	33.08133	11.06321	55.85545	28.49319	27.36226	27.6811	2
2116.04	2117.25	1472.75	111.5737	254.1165	109.3364	108.3723	0	15.72957	84.27043	84.27043	0	-9999	8
2116.045	2117.255	1472.755	106.9631	155.8434	107.3958	110.8444	0.52696	32.38625	67.08679	67.08679	0	-9999	8
2116.05	2117.261	1472.761	121.4375	196.5461	122.7725	126.2582	0	85.62181	14.37819	14.37819	0	-9999	8
2116.055	2117.266	1472.766	144.0577	111.3822	144.8241	144.1689	0	100	0	0	0	-9999	8
2116.06	2117.271	1472.771	142.8711	126.4624	143.6745	141.8204	0	100	0	0	0	-9999	8
2116.065	2117.276	1472.776	109.3364	361.1901	106.2957	98.23646	0	14.61026	85.38974	85.38974	0	-9999	8
2116.07	2117.281	1472.781	97.70494	293.1232	92.97078	86.95111	15.86539	2.325437	81.80918	49.43362	32.37556	27.95648	8
2116.075	2117.287	1472.787	97.14871	115.1408	96.03625	96.35762	31.38072	9.080677	59.5386	35.43484	24.10376	27.41897	3
2116.08	2117.292	1472.792	93.73715	113.3837	93.04495	89.27493	31.68752	9.503167	58.80932	28.99588	29.81344	28.01206	3
2116.085	2117.297	1472.797	92.89662	132.2836	92.69885	87.13652	24.05522	12.68288	63.2619	33.16265	30.09925	28.04377	3
2116.09	2117.302	1472.802	96.3329	107.6389	96.03625	95.90028	27.62421	12.6688	59.70699	32.2942	27.41279	27.29931	3
2116.095	2117.307	1472.807	109.7072	164.7357	110.214	109.2128	0	38.21913	61.78087	61.78087	0	-9999	3
2116.1	2117.313	1472.813	97.3712	127.8375	96.36999	96.11041	27.24128	10.67212	62.0866	28.13117	33.95543	27.31897	3
2116.105	2117.318	1472.818	98.90394	146.4164	97.6555	96.03625	23.25097	11.21905	65.52998	32.40809	33.12189	27.55438	3
2116.11	2117.323	1472.823	94.76309	74.14786	94.76309	93.99672	34.87417	10.94021	54.18561	30.9633	23.22231	27.88187	3
2116.115	2117.328	1472.828	93.82367	68.81557	93.65062	95.02267	38.36999	9.078957	52.55105	19.30511	33.24594	27.78998	3
2116.12	2117.333	1472.833	96.25874	110.7252	95.48001	94.47879	30.68158	10.17604	59.14238	36.55217	22.5902	27.58435	3
2116.125	2117.339	1472.839	113.3289	252.7108	115.8999	116.9012	0	80.71148	19.28852	19.28852	0	-9999	3
2116.13	2117.344	1472.844	127.0864	156.3018	127.6426	124.0704	0	87.58255	12.41745	12.41745	0	-9999	3
2116.135	2117.349	1472.849	138.2111	116.4853	139.5584	142.7227	0	100	0	0	0	-9999	3
2116.14	2117.354	1472.854	144.5892	78.24257	146.3073	147.4816	0	100	0	0	0	-9999	3
2116.145	2117.359	1472.859	134.8737	218.2725	136.6165	140.9428	0	100	0	0	0	-9999	3
2116.15	2117.365	1472.865	132.6116	326.6753	134.8737	137.5312	0	100	0	0	0	-9999	3
2116.155	2117.37	1472.87	140.1393	179.3727	140.1146	138.4706	0	100	0	0	0	-9999	3
2116.16	2117.375	1472.875	106.4193	104.5373	107.7048	111.0916	6.833498	36.48285	56.68365	56.68365	0	-9999	3
2116.165	2117.38	1472.88	93.73715	101.1149	92.26622	89.07715	40.6917	5.000375	54.30792	29.66305	24.64487	28.66144	3
2116.17	2117.385	1472.885	84.67673	63.11659	83.56427	81.1292	55.4448	1.249929	43.30527	27.03472	16.27055	30.31339	3
2116.175	2117.391	1472.891	91.69763	201.42	90.90654	84.68909	13.02547	14.06211	72.91242	56.19036	16.72206	28.14323	3
2116.18	2117.396	1472.896	88.18718	104.0484	86.56793	84.72618	46.23731	3.183872	50.57882	34.29055	16.28827	28.55743	3
2116.185	2117.401	1472.901	100.7828	108.0362	101.512	101.9694	15.48316	23.38319	61.13365	40.74823	20.38542	27.02783	3
2116.19	2117.406	1472.906	86.01169	64.00276	84.94867	84.93631	53.619	1.812651	44.56835	21.64167	22.92667	29.64065	3

2116.195	2117.411	1472.911	89.23784	126.2637	87.90288	86.25891	37.69129	5.958059	56.35065	32.62092	23.72973	27.55288	3
2116.2	2117.417	1472.917	88.7805	171.8556	86.23419	80.83255	36.4668	4.638447	58.89475	35.23857	23.65618	27.56353	3
2116.205	2117.422	1472.922	91.30209	202.4284	90.46156	86.32071	13.52852	13.75507	72.71642	44.27928	28.43714	27.68251	3
2116.21	2117.427	1472.927	84.08342	128.907	84.16994	82.71138	30.7772	9.137485	60.08532	29.50443	30.58089	26.96572	3
2116.215	2117.432	1472.932	88.29843	118.5021	88.39731	88.13774	29.32157	10.46147	60.21697	42.15856	18.05841	27.03523	3
2116.22	2117.437	1472.937	89.4727	159.2964	88.52092	86.95111	26.51165	9.708338	63.78001	29.87397	33.90604	26.87787	3
2116.225	2117.443	1472.943	87.58151	264.2616	84.96103	83.16872	15.7824	10.57681	73.64079	49.30585	24.33494	25.99101	8
2116.23	2117.448	1472.948	93.14383	358.7302	91.27736	80.90671	0	20.44948	79.55052	79.55052	0	-9999	8
2116.235	2117.453	1472.953	101.8952	368.2947	102.6492	102.1177	0	42.52076	57.47924	57.47924	0	-9999	8
2116.24	2117.458	1472.958	83.0204	156.5615	81.24045	78.75594	39.52792	5.351086	55.12099	34.55429	20.56671	26.88014	8
2116.245	2117.463	1472.963	102.5133	303.8641	100.4614	96.08569	0	17.97823	82.02177	82.02177	0	-9999	8
2116.25	2117.469	1472.969	75.56687	68.69334	74.47913	73.18125	62.28471	0	37.71529	23.44206	14.27323	30.37901	8
2116.255	2117.474	1472.974	95.8632	232.772	95.08447	94.93614	1.510157	18.20462	80.28522	80.28522	0	-9999	8
2116.26	2117.479	1472.979	77.80417	119.8314	74.75107	71.06757	63.0825	0	36.9175	6.446333	30.47116	29.8697	2
2116.265	2117.484	1472.984	79.7448	82.73453	78.50873	75.07245	56.19259	1.195302	42.6121	24.4798	18.13231	29.92763	2
2116.27	2117.489	1472.989	85.17116	95.35479	84.89923	82.98331	40.67418	6.186225	53.1396	36.43975	16.69984	27.96913	2
2116.275	2117.495	1472.995	84.89923	62.52072	84.8127	83.93509	47.43327	4.453596	48.11314	17.64111	30.47202	28.89085	2
2116.28	2117.5	1473	83.89801	106.4166	83.16872	79.86841	42.71296	5.096565	52.19048	31.93582	20.25465	28.14281	2
2116.285	2117.505	1473.005	83.94745	95.11033	83.09456	79.1144	46.36155	3.985304	49.65315	20.83566	28.81749	28.79265	2
2116.29	2117.51	1473.01	74.75107	55.43137	73.79929	70.84508	65.19089	0	34.80911	12.69253	22.11658	30.42527	2
2116.295	2117.515	1473.015	86.27127	96.68404	86.40724	88.64453	36.17914	8.108157	55.7127	24.66378	31.04892	26.96063	2
2116.3	2117.521	1473.021	84.77562	83.13178	84.55313	84.47896	43.61286	5.3648	51.02234	31.04379	19.97855	28.03085	2
2116.305	2117.526	1473.026	81.01796	85.3472	80.63477	79.72008	47.77912	3.768915	48.45196	25.54766	22.9043	28.36795	2
2116.31	2117.531	1473.031	82.56305	122.3371	82.05626	79.72008	38.36404	6.403904	55.23205	35.15196	20.0801	27.34549	2
2116.315	2117.536	1473.036	83.00803	98.1508	82.94623	83.99689	40.35909	6.187494	53.45341	29.29008	24.16334	27.25267	2
2116.32	2117.541	1473.041	82.93387	64.88893	83.10692	83.144	46.65658	4.597776	48.74564	23.6324	25.11324	28.51175	2
2116.325	2117.547	1473.047	73.62624	62.09291	72.08115	70.56078	69.21183	0	30.78817	15.5744	15.21376	29.78899	2
2116.33	2117.552	1473.052	75.45563	73.04779	75.023	73.87345	56.25611	1.383291	42.3606	13.12679	29.23381	29.42172	2
2116.335	2117.557	1473.057	65.99967	95.06449	64.5411	63.24323	67.57859	0	32.42141	8.295027	24.12639	30.28499	2
2116.34	2117.562	1473.062	80.93143	479.2949	75.51743	63.60169	0	18.87781	81.12219	81.12219	0	-9999	2
2116.345	2117.567	1473.067	71.16645	83.08594	70.16523	70.90688	62.17951	0.317486	37.503	27.58296	9.920043	29.55404	2
2116.35	2117.573	1473.073	74.70162	141.3897	73.91054	69.47303	43.18912	5.163136	51.64775	21.71804	29.92971	27.1248	2
2116.355	2117.578	1473.078	64.5411	36.05789	63.75002	63.8489	78.0271	0	21.9729	10.11837	11.85453	29.34846	2
2116.36	2117.583	1473.083	72.14295	60.5192	71.59908	71.79685	63.19785	0	36.80215	8.062074	28.74008	29.98255	2
2116.365	2117.588	1473.088	72.21712	57.93709	71.67324	70.00455	63.75449	0	36.24551	20.77432	15.47119	30.27618	2
2116.37	2117.593	1473.093	66.23452	37.14268	65.99967	66.04911	71.89583	0	28.10417	13.66738	14.43679	29.14549	2
2116.375	2117.599	1473.099	75.03536	124.8581	73.32958	70.69675	53.97161	2.427844	43.60055	17.02432	26.57622	28.22167	2
2116.38	2117.604	1473.104	65.06025	41.31379	64.56582	63.0949	73.97846	0	26.02154	17.25973	8.761808	29.49251	2
2116.385	2117.609	1473.109	65.97495	39.86231	65.49288	66.70423	73.3924	0	26.6076	17.48067	9.126927	28.9994	2
2116.39	2117.614	1473.114	71.84629	185.0106	67.4706	67.11213	63.04051	2.36753	34.59196	18.79469	15.79727	27.54219	2
2116.395	2117.619	1473.119	82.90915	283.4823	78.68178	69.75733	27.88299	7.794521	64.32248	41.03196	23.29052	25.62892	2
2116.4	2117.624	1473.124	86.55556	217.3099	84.83742	83.95981	21.09548	10.18667	68.71785	50.87267	17.84518	25.98301	2
2116.405	2117.63	1473.13	79.34926	36.50098	78.74358	78.57053	62.85943	0	37.14057	6.239128	30.90144	30.65884	2
2116.41	2117.635	1473.135	87.47026	93.06297	85.43074	82.69902	52.81241	0.899449	46.28814	18.70816	27.57998	29.7115	2
2116.415	2117.64	1473.14	82.36528	46.47801	81.53711	80.12798	59.39458	0.34618	40.25924	25.15088	15.10836	30.95215	2
2116.42	2117.645	1473.145	84.15758	44.614	83.27997	82.36528	58.57993	0.562544	40.85753	13.78421	27.07332	30.85121	2
2116.425	2117.65	1473.15	88.13774	74.51455	88.34787	88.22426	39.25223	7.830609	52.91716	34.52515	18.39201	27.92072	2
2116.43	2117.656	1473.156	99.96696	98.62445	99.6703	96.71609	26.46238	14.73101	58.80661	44.13002	14.67659	27.84275	2
2116.435	2117.661	1473.161	95.6407	70.11427	95.48001	95.61598	36.28825	10.41631	53.29544	38.03828	15.25717	27.86461	2
2116.44	2117.666	1473.166	83.06984	57.24954	82.62485	81.38878	53.17	2.344557	44.48544	16.68829	27.79715	29.71902	2
2116.445	2117.671	1473.171	77.26029	72.92556	75.57924	74.269	64.30075	0	35.69925	9.364539	26.33471	29.93476	2
2116.45	2117.676	1473.176	82.16751	85.46943	81.62363	79.06496	47.9373	3.694095	48.3686	20.72707	27.64153	28.75144	2
2116.455	2117.682	1473.182	85.90045	78.71621	85.56671	83.93509	44.50875	5.146019	50.34523	16.27668	34.06856	28.52195	2
2116.46	2117.687	1473.187	82.51361	70.98516	81.90793	79.64592	51.60306	2.649179	45.74776	31.65601	14.09175	29.42152	2
2116.465	2117.692	1473.192	80.94379	65.31673	80.14035	78.79303	55.95178	1.322776	42.72544	18.47066	24.25478	29.90856	2
2116.47	2117.697	1473.197	85.61615	98.41054	84.70145	81.93265	44.50667	4.496105	50.99722	24.11699	26.88023	28.43334	2
2116.475	2117.702	1473.202	82.34056	114.988	79.72008	78.37276	56.72827	0.330454	42.94127	16.58944	26.35184	29.24342	8
2116.48	2117.708	1473.208	98.82977	257.1111	100.2265	95.77667	0	35.72738	64.27262	64.27262	0	-9999	8
2116.485	2117.713	1473.213	105.3315	228.8301	105.2821	101.92	0	30.64454	69.35546	69.35546	0	-9999	8
2116.49	2117.718	1473.218	79.72008	127.3485	77.28502	75.2455	54.71093	1.498737	43.79033	23.63198	20.15836	28.56659	8
2116.495	2117.723	1473.223	77.90305	34.56057	77.05016	75.56687	66.57543	0	33.42457	11.50742	21.91714	30.23921	8
2116.5	2117.728	1473.228	74.72634	43.45282	73.78693	73.83637	68.01665	0	31.98335	19.78195	12.2014	29.65586	8
2116.505	2117.734	1473.234	93.18092	258.2417	91.42569	87.03763	5.382042	14.16661	80.45135	80.45135	0	-9999	8
2116.51	2117.739	1473.239	79.52231	109.9918	77.85361	74.8994	53.15386	2.010761	44.83538	18.20612	26.62926	28.83902	8
2116.515	2117.744	1473.244	82.56305	196.2558	79.50995	78.38512	40.20963	4.752925	55.03745	27.78647	27.25098	25.90646	8
2116.52	2117.749	1473.249	72.00698	98.96058	69.5472	67.76725	68.86845	0	31.13155	13.196	17.93555	30.06145	8
2116.525	2117.754	1473.254	73.50263	81.29832	71.93282	68.15044	64.86943	0	35.13057	8.203863	26.9267	30.52679	8
2116.53	2117.76	1473.26	68.23696	44.62928	66.97617	65.1097	76.19287	0	23.80713	6.348916	17.45822	29.80837	8
2116.535	2117.765	1473.265	74.63982	283.4059	68.59542	64.02195	49.59123	6.225477	44.1833	22.89056	21.29274	24.38751	8
2116.54	2117.77	1473.27	84.65201	163.2842	85.18352	81.54947	18.48616	13.13037	68.38347	52.39482	15.98866	27.34618	8
2116.545	2117.775	1473.275	71.93282	109.3501	69.07749	65.83898	69.48787	0	30.51213	16.61443	13.8977	30.38577	8
2116.55	2117.78	1473.28	77.47043	152.0849	76.48157	76.93892	39.58633	6.004723	54.40895	26.72072	27.68823	26.0013	8
2116.555	2117.786	1473.286	71.9081	94.40751	70.94396	67.75489	58.47	1.243075	40.28693	25.76257	14.52437	29.43095	8

2116.56	2117.791	1473.291	63.96015	45.36266	62.97129	61.98243	77.84255	0	22.15745	12.13284	10.02461	29.70371	8
2116.565	2117.796	1473.296	68.18752	76.91332	66.95144	64.30625	68.23403	0	31.76597	6.230942	25.53503	30.24422	8
2116.57	2117.801	1473.301	76.09839	221.0227	71.87102	67.89086	49.26412	4.542617	46.19326	20.20906	25.9842	25.8812	8
2116.575	2117.806	1473.306	72.64974	245.9423	68.76847	62.15548	43.72403	7.091483	49.18448	19.11785	30.06663	24.9865	8
2116.58	2117.812	1473.312	62.20492	57.89125	60.35081	60.54859	83.13114	0	16.86886	12.76596	4.1029	30.39698	2
2116.585	2117.817	1473.317	66.33341	33.18548	66.17272	68.1628	72.18772	0	27.81228	12.94477	14.86751	28.74106	2
2116.59	2117.822	1473.322	73.07001	85.83612	73.66332	71.01813	47.40506	3.571519	49.02342	25.57487	23.44855	28.21882	2
2116.595	2117.827	1473.327	75.87589	69.96148	75.67812	76.25908	54.79623	1.740921	43.46285	14.08662	29.37623	28.97362	2
2116.6	2117.832	1473.332	78.40984	93.87275	78.78066	79.13913	42.27187	5.354572	52.37356	36.71264	15.66092	27.36281	2
2116.605	2117.838	1473.338	80.82019	99.7398	80.77074	79.91785	41.89158	5.543316	52.5651	37.33355	15.23155	27.5691	2
2116.61	2117.843	1473.343	79.43578	89.77804	79.00316	78.11319	48.54564	3.492999	47.96136	33.95242	14.00894	28.27119	2
2116.615	2117.848	1473.348	80.94379	80.53439	81.05504	80.77074	45.18023	4.711985	50.10779	25.02367	25.08412	28.07035	2
2116.62	2117.853	1473.353	89.34909	75.56879	88.9041	89.02771	42.95984	5.971258	51.06891	26.45138	24.61753	28.24291	2
2116.625	2117.858	1473.358	75.61632	66.87517	73.31722	71.07993	72.06719	0	27.93281	8.769058	19.16375	29.52616	2
2116.63	2117.864	1473.364	77.80417	55.07996	76.6299	75.33202	64.19141	0	35.80859	14.98737	20.82122	30.20255	2
2116.635	2117.869	1473.369	84.02161	122.2454	81.93265	76.88947	49.30619	2.318014	48.3758	27.71756	20.65823	28.8814	2
2116.64	2117.874	1473.374	84.61493	151.9015	83.94745	81.28989	30.56707	8.571001	60.86193	38.6511	22.21083	26.85954	2
2116.645	2117.879	1473.379	77.3839	113.4754	75.04772	72.6621	59.45114	0.655763	39.89309	16.46311	23.42998	29.46137	2
2116.65	2117.884	1473.384	77.39626	104.0942	75.76465	74.55329	56.24966	1.426975	42.32337	13.5845	28.73886	28.91629	2
2116.655	2117.89	1473.39	83.91037	81.78724	83.61371	80.3752	45.30904	4.722684	49.96827	23.50434	26.46393	28.75206	2
2116.66	2117.895	1473.395	84.08342	96.33263	83.99689	81.61127	40.00133	6.406812	53.59186	31.01964	22.57222	27.93959	2
2116.665	2117.9	1473.4	78.57053	100.6412	76.81531	75.6534	56.96291	1.07408	41.96301	11.77854	30.18447	29.18466	2
2116.67	2117.905	1473.405	75.28258	98.47166	73.07001	72.41489	64.05731	0	35.94269	14.0182	21.92448	29.81653	2
2116.675	2117.91	1473.41	91.03015	94.4839	90.94362	90.58516	34.05773	9.564647	56.37762	38.738	17.63963	27.52153	2
2116.68	2117.916	1473.416	78.38512	56.18003	77.17377	76.6917	63.6781	0	36.3219	15.10352	21.21839	30.09437	2
2116.685	2117.921	1473.421	75.62868	74.37704	74.63982	73.78693	60.08603	0.430509	39.48347	24.19222	15.29124	29.97947	2
2116.69	2117.926	1473.426	80.54825	68.35721	79.85605	79.48523	54.71772	1.707802	43.57447	21.99459	21.57989	29.45042	2
2116.695	2117.931	1473.431	89.80644	85.71389	89.23784	87.64331	41.04192	6.368086	52.59	30.50215	22.08785	28.2859	2
2116.7	2117.936	1473.436	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2117.005	2118.253	1473.753	137.5807	232.222	139.2494	145.5286	0	100	0	0	0	-9999	-9999
2117.01	2118.259	1473.759	128.4955	217.1113	129.9417	127.3707	0	100	0	0	0	-9999	-9999
2117.015	2118.264	1473.764	122.9085	240.3809	124.5772	127.7168	0	100	0	0	0	-9999	-9999
2117.02	2118.269	1473.769	119.2497	231.1066	117.1978	114.256	0	20.22402	79.77598	79.77598	0	-9999	-9999
2117.025	2118.274	1473.774	109.3982	146.7678	107.6059	105.8754	17.72621	12.19069	70.08309	53.49718	16.58591	28.20186	-9999
2117.03	2118.279	1473.779	111.1287	106.4013	111.3759	110.6219	10.09656	33.72366	56.17978	52.996	3.183782	26.52436	-9999
2117.035	2118.285	1473.785	106.5181	149.4722	103.3291	100.7333	30.54632	0	69.45368	28.10876	41.34492	28.19471	-9999
2117.04	2118.29	1473.79	103.8853	62.71934	102.8223	101.4626	37.48586	9.657741	52.8564	34.14643	18.70997	28.5489	-9999
2117.045	2118.295	1473.795	105.8507	147.1651	102.7358	98.22409	31.14394	0	68.85606	32.52359	36.33246	29.18057	-9999
2117.05	2118.3	1473.8	105.7889	240.335	102.5751	96.06097	9.420046	5.393592	85.18636	76.59328	8.593082	29.91056	-9999
2117.055	2118.305	1473.805	113.6132	347.1794	112.785	98.38478	0	40.28238	59.71762	59.71762	0	-9999	-9999
2117.06	2118.311	1473.811	110.3129	441.7092	105.8754	91.82124	0	6.736361	93.26364	93.26364	0	-9999	3
2117.065	2118.316	1473.816	103.8111	124.9192	103.0819	98.76797	19.91524	16.43679	63.64797	40.24374	23.40423	28.09227	3
2117.07	2118.321	1473.821	110.832	82.87204	110.4365	111.1163	21.04495	24.12869	54.82636	36.03311	18.79325	26.50961	3
2117.075	2118.326	1473.826	114.9234	85.59166	115.1336	114.738	11.92873	38.99698	49.07429	43.66556	5.408734	25.48421	3
2117.08	2118.331	1473.831	113.5514	96.01178	113.5267	112.612	12.48945	33.80248	53.70806	42.60635	11.10171	26.20009	3
2117.085	2118.337	1473.837	116.518	122.6427	116.9506	116.9012	0	48.43654	51.56346	51.56346	0	-9999	3
2117.09	2118.342	1473.842	117.7788	88.54046	118.4463	119.1137	5.043773	53.26853	41.6877	31.44937	10.23833	-9999	3
2117.095	2118.347	1473.847	114.429	142.5356	114.9482	115.3808	0	46.24495	53.75505	53.75505	0	-9999	3
2117.1	2118.352	1473.852	109.6083	174.3766	109.1015	109.2004	0.888828	27.53247	71.5787	71.5787	0	-9999	3
2117.105	2118.357	1473.857	112.7603	168.097	111.4006	109.9792	6.118559	20.66849	73.21295	65.43471	7.778239	-9999	3
2117.11	2118.363	1473.863	113.3042	170.7402	112.2164	109.7567	2.871031	24.71348	72.41549	72.41549	0	-9999	3
2117.115	2118.368	1473.868	116.0235	100.0912	116.0977	117.2473	8.461489	40.22798	51.31053	38.03926	13.27128	25.36171	3
2117.12	2118.373	1473.873	104.6764	171.9931	103.8235	103.8606	8.685288	19.2993	72.01542	67.30651	4.708904	27.86581	3
2117.125	2118.378	1473.878	114.429	297.1568	113.1929	112.7356	0	32.51085	67.48915	67.48915	0	-9999	3
2117.13	2118.383	1473.883	122.8838	209.2274	122.9826	125.0469	0	65.09532	34.90468	34.90468	0	-9999	3
2117.135	2118.389	1473.889	120.2262	167.0275	119.6205	115.5415	0	41.87942	58.12058	58.12058	0	-9999	3
2117.14	2118.394	1473.894	111.0422	201.7867	111.2152	110.8938	0	39.12627	60.87373	60.87373	0	-9999	3
2117.145	2118.399	1473.899	110.7455	186.7829	110.1893	107.7913	0	29.19886	70.80114	70.80114	0	-9999	3
2117.15	2118.404	1473.904	106.5429	251.8858	104.4292	101.1165	0	15.16388	84.83612	84.83612	0	-9999	3
2117.155	2118.409	1473.909	105.8012	261.5725	102.5874	99.89279	4.269202	6.825373	88.90542	77.70183	11.20359	-9999	3
2117.16	2118.415	1473.915	107.062	166.2024	107.062	105.6282	1.281954	28.99268	69.72537	69.72537	0	-9999	3
2117.165	2118.42	1473.92	105.2944	248.3716	106.4069	104.9607	0	42.51381	57.48619	57.48619	0	-9999	3
2117.17	2118.425	1473.925	109.2746	175.6906	109.3611	108.8296	0	33.58737	66.41263	66.41263	0	-9999	3
2117.175	2118.43	1473.93	109.5836	154.7434	109.2869	107.3092	4.034284	28.44337	67.52235	67.52235	0	-9999	3
2117.18	2118.435	1473.935	111.3265	206.1717	110.5725	108.8296	0	28.93531	71.06469	71.06469	0	-9999	3
2117.185	2118.441	1473.941	103.5268	252.9858	101.0918	97.0251	2.404473	12.04483	85.55069	85.55069	0	-9999	3
2117.19	2118.446	1473.946	106.5305	270.587	106.6418	103.2796	0	36.41608	63.58392	63.58392	0	-9999	3
2117.195	2118.451	1473.951	100.4737	281.3432	97.98924	90.82002	0	13.23375	86.76625	86.76625	0	-9999	3
2117.2	2118.456	1473.956	100.2636	191.7333	97.54425	94.14505	22.43307	5.738291	71.82864	43.502	28.32664	28.02071	3
2117.205	2118.461	1473.961	107.1856	208.219	106.5429	105.5911	0	25.81686	74.18314	74.18314	0	-9999	3
2117.21	2118.467	1473.967	106.1226	280.9307	106.1968	108.125	0	36.24164	63.75836	63.75836	0	-9999	3
2117.215	2118.472	1473.972	106.8766	193.9792	106.9384	109.2746	0	31.22447	68.77553	68.77553	0	-9999	3
2117.22	2118.477	1473.977	109.0521	444.6427	109.633	107.1856	0	56.79808	43.20192	43.20192	0	-9999	3

2117.225	2118.482	1473.982	101.92	230.6636	99.42309	99.47253	9.763787	9.899244	80.33697	68.41353	11.92344	28.02626	3
2117.23	2118.487	1473.987	102.1054	156.3782	100.4861	95.60362	20.76878	10.89975	68.33147	41.65137	26.6801	28.3701	3
2117.235	2118.493	1473.993	104.1572	199.0518	103.2302	98.43423	3.189476	20.12885	76.68167	70.21839	6.463281	-9999	3
2117.24	2118.498	1473.998	97.7173	117.7076	95.80139	93.63826	36.46316	4.995243	58.5416	25.23283	33.30876	28.3022	3
2117.245	2118.503	1474.003	97.56898	124.5372	97.3712	98.14993	21.63126	15.25314	63.1156	41.12769	21.98791	27.02048	3
2117.25	2118.508	1474.008	102.5009	156.5463	102.0806	100.6468	11.07202	19.87464	69.05333	57.1798	11.87353	27.83247	8
2117.255	2118.513	1474.013	105.863	149.8694	105.9866	104.8494	5.379656	27.52282	67.09752	59.21343	7.884086	-9999	8
2117.26	2118.519	1474.019	105.7641	227.2717	106.0855	103.6875	0	34.43956	65.56044	65.56044	0	-9999	8
2117.265	2118.524	1474.024	105.69	195.4918	104.491	103.3291	4.748377	18.72415	76.52747	63.8386	12.68887	-9999	8
2117.27	2118.529	1474.029	111.8703	202.6576	111.4624	110.795	0	33.47875	66.52125	66.52125	0	-9999	8
2117.275	2118.534	1474.034	105.8012	168.7234	103.4527	99.89279	20.03298	7.413589	72.55343	51.25821	21.29522	28.59528	8
2117.28	2118.539	1474.039	97.61842	111.8559	96.3329	92.03137	33.08469	8.094533	58.82078	24.87489	33.94589	28.41304	8
2117.285	2118.545	1474.045	98.66908	116.3631	97.63078	95.69015	29.11141	10.34635	60.54223	36.93562	23.60661	27.781	8
2117.29	2118.55	1474.05	100.8446	195.3238	100.0288	97.12399	6.277158	18.39126	75.33159	71.73048	3.60111	-9999	8
2117.295	2118.555	1474.055	97.51953	174.6516	95.97444	93.26744	19.9908	10.83579	69.17341	53.27522	15.89818	27.62646	8
2117.3	2118.56	1474.06	96.06097	207.6079	93.34161	91.43805	22.45785	6.658912	70.88324	40.95996	29.92328	27.16256	8
2117.305	2118.565	1474.065	92.77301	118.0743	91.74707	89.55922	34.02588	7.838778	58.13534	36.04017	22.09517	27.74292	8
2117.31	2118.571	1474.071	86.44432	126.1721	84.36772	82.51361	46.03126	2.8877	51.08104	34.50227	16.57877	28.06602	8
2117.315	2118.576	1474.076	88.29843	130.5265	88.31079	86.44432	27.08223	10.94385	61.97391	38.95785	23.01607	27.18439	8
2117.32	2118.581	1474.081	97.07455	284.5823	96.79025	89.75699	0	25.19053	74.80947	74.80947	0	-9999	8
2117.325	2118.586	1474.086	96.18457	296.6831	92.04373	83.4283	11.80443	5.933566	82.26201	60.17957	22.08244	28.43485	8
2117.33	2118.591	1474.091	82.89679	229.2885	78.73122	76.04894	40.53029	4.283643	55.18607	25.13967	30.0464	25.62221	8
2117.335	2118.597	1474.097	91.49986	164.0176	89.95477	86.62973	28.10234	8.286458	63.6112	35.20462	28.40658	27.28119	8
2117.34	2118.602	1474.102	103.4403	244.6436	101.8952	99.23767	0	17.98805	82.01195	82.01195	0	-9999	8
2117.345	2118.607	1474.107	101.339	308.5394	101.0918	97.6555	0	30.39695	69.60305	69.60305	0	-9999	8
2117.35	2118.612	1474.112	101.3143	279.8459	99.39836	96.81497	0	16.9346	83.0654	83.0654	0	-9999	8
2117.355	2118.617	1474.117	98.71852	181.4965	97.17343	95.52946	17.23127	11.7332	71.03554	44.86862	26.16691	27.58022	8
2117.36	2118.623	1474.123	93.16856	216.821	90.94362	87.06235	19.05747	9.309213	71.63332	49.10018	22.53314	27.25169	8
2117.365	2118.628	1474.128	94.18214	274.4525	90.8571	85.29477	12.70396	8.461002	78.83504	65.55909	13.27594	27.65027	8
2117.37	2118.633	1474.133	95.28224	148.2499	93.35397	92.03137	31.40799	6.417535	62.17447	31.19072	30.98375	27.44172	8
2117.375	2118.638	1474.138	94.72601	186.1412	92.67413	88.82994	23.70798	8.268634	68.02339	47.71657	20.30682	27.48756	8
2117.38	2118.643	1474.143	96.28346	296.072	97.85327	106.8024	0	36.25888	63.74112	63.74112	0	-9999	8
2117.385	2118.649	1474.149	89.17604	311.9466	89.11424	84.00925	0	23.35056	76.64944	76.64944	0	-9999	8
2117.39	2118.654	1474.154	91.67291	256.8514	88.61981	85.41838	17.16442	8.557917	74.27766	44.84416	29.4335	26.68221	8
2117.395	2118.659	1474.159	95.04739	207.0426	92.88426	88.18718	19.21634	9.207046	71.57661	38.04036	33.53625	27.65705	8
2117.4	2118.664	1474.164	92.67413	198.3337	91.2032	91.11667	18.14274	11.243	70.61426	42.16937	28.4449	26.7108	8
2117.405	2118.669	1474.169	97.77911	237.9363	98.23646	98.85449	0	27.0843	72.9157	72.9157	0	-9999	8
2117.41	2118.674	1474.174	102.538	294.4066	105.3439	103.4527	0	55.72503	44.27497	44.27497	0	-9999	8
2117.415	2118.68	1474.18	87.4579	283.8489	84.78798	79.23801	11.53915	11.73679	76.72406	50.23462	26.48943	26.85344	8
2117.42	2118.685	1474.185	87.85344	173.0779	86.86458	85.18352	24.95364	9.966512	65.07985	39.1652	25.91465	26.65016	8
2117.425	2118.69	1474.19	87.76692	187.883	86.69153	81.53711	22.12097	10.63508	67.24395	42.21454	25.02941	27.20257	8
2117.43	2118.695	1474.195	87.74219	195.8891	86.7657	82.66193	19.43988	11.51484	69.04527	42.72617	26.31911	27.05628	8
2117.435	2118.7	1474.2	85.83864	149.4111	84.7509	84.21939	33.30099	7.45178	59.24723	32.80373	26.44351	26.60423	8
2117.44	2118.706	1474.206	83.20581	231.672	79.96729	74.87467	32.48451	6.661324	60.85417	32.11914	28.73503	25.83928	8
2117.445	2118.711	1474.211	77.90305	178.9144	75.40618	70.8698	44.38264	4.777745	50.83962	32.5311	18.30852	26.66735	8
2117.45	2118.716	1474.216	93.45285	181.7715	94.07089	93.99672	5.244889	20.40332	74.35179	67.21449	7.137297	-9999	8
2117.455	2118.721	1474.221	81.63599	127.9597	80.93143	83.4283	39.389	5.983209	54.62779	22.8021	31.82569	26.34131	8
2117.46	2118.726	1474.226	75.38146	198.7768	74.24428	71.82157	31.35828	8.505802	60.13592	26.07058	34.06534	25.31058	8
2117.465	2118.732	1474.232	83.87329	484.2758	85.25769	78.13791	0	37.13288	62.86712	62.86712	0	-9999	8
2117.47	2118.737	1474.237	80.14035	258.3945	79.13913	75.18369	11.49886	13.68494	74.81621	66.66739	8.148817	26.36689	8
2117.475	2118.742	1474.242	74.65218	117.9063	73.79929	72.6003	49.39658	3.455295	47.14812	21.21605	25.93208	27.53004	8
2117.48	2118.747	1474.247	75.14661	192.7722	73.7004	71.99462	35.42234	7.49488	57.08278	30.16003	26.92276	25.26364	8
2117.485	2118.752	1474.252	71.80921	143.1162	70.3012	69.97982	50.98847	3.66601	45.34552	33.02505	12.32047	26.75757	8
2117.49	2118.758	1474.258	66.13564	197.1572	64.14556	58.60795	46.86627	6.264957	46.86877	22.66891	24.19987	25.58087	8
2117.495	2118.763	1474.263	83.30469	300.2583	87.04999	91.27736	0	32.30208	67.69792	67.69792	0	-9999	8
2117.5	2118.768	1474.268	86.51848	427.5458	88.68161	76.38268	0	38.01766	61.98234	61.98234	0	-9999	8
2117.505	2118.773	1474.273	73.2925	232.5276	72.61266	69.15165	21.56799	11.26087	67.17114	43.6148	23.55634	25.1569	8
2117.51	2118.778	1474.278	77.39626	177.6462	76.67934	76.23435	31.3612	8.289602	60.3492	34.51627	25.83293	25.52563	8
2117.515	2118.784	1474.284	75.5916	112.1156	74.86231	72.11823	48.9757	3.471436	47.55286	20.62263	26.93023	27.95984	8
2117.52	2118.789	1474.289	74.52857	223.7881	72.11823	68.41001	35.95714	7.843779	56.19908	39.48022	16.71885	24.89767	8
2117.525	2118.794	1474.294	76.03658	247.3938	74.34316	72.77335	23.30105	10.82501	65.87394	34.89558	30.97836	24.54009	8
2117.53	2118.799	1474.299	74.56566	141.4356	73.73749	73.53971	43.5905	5.073698	51.3358	23.20284	28.13296	26.34555	8
2117.535	2118.804	1474.304	73.2307	110.1599	72.2542	69.49776	53.53692	2.481574	43.98151	29.38201	14.5995	28.36726	8
2117.54	2118.81	1474.31	71.73505	198.4101	70.02927	67.69309	39.20832	7.088376	53.70331	35.37289	18.33042	25.04584	8
2117.545	2118.815	1474.315	80.93143	450.2653	82.29111	80.67186	0	33.06545	66.93455	66.93455	0	-9999	8
2117.55	2118.82	1474.32	96.62956	278.15	100.3625	101.339	0	49.69499	50.30501	50.30501	0	-9999	8
2117.555	2118.825	1474.325	94.56532	209.3497	96.22166	97.34648	0	28.89377	71.10623	71.10623	0	-9999	8
2117.56	2118.83	1474.33	86.11058	333.9175	91.10431	96.44415	0	42.87598	57.12402	57.12402	0	-9999	8
2117.565	2118.836	1474.336	73.19361	307.0116	69.9551	65.22094	23.46354	12.13134	64.40511	35.83671	28.5684	23.5143	8
2117.57	2118.841	1474.341	61.25315	123.3302	60.02944	62.19256	63.28496	1.76856	34.94648	28.42314	6.523336	27.73422	8
2117.575	2118.846	1474.346	71.20354	116.6687	70.47425	70.28884	51.91087	3.009745	45.07938	19.35038	25.729	27.40493	8
2117.58	2118.851	1474.351	75.98714	199.5865	74.55329	71.40131	32.90419	8.084997	59.01082	41.08472	17.9261	25.44963	8
2117.585	2118.856	1474.356	76.77823	262.4128	74.91176	72.19239	20.32527	11.58139	68.09334	41.12448	26.96886	24.74385	8

2117.59	2118.862	1474.362	67.77961	170.6638	65.35691	61.93299	55.11806	4.031595	40.85035	15.71991	25.13043	26.81587	8
2117.595	2118.867	1474.367	73.15653	145.8664	72.11823	70.28884	45.44316	4.775889	49.78095	26.56275	23.21821	26.57442	8
2117.6	2118.872	1474.372	72.24184	142.1995	71.31478	70.43717	46.30991	4.577476	49.11262	16.86949	32.24313	26.48151	8
2117.605	2118.877	1474.377	77.43334	274.8498	75.86353	76.33324	14.41373	13.08318	72.50309	55.37687	17.12622	24.61862	8
2117.61	2118.882	1474.382	94.98558	96.19512	95.99916	97.54425	21.4788	18.09627	60.42493	36.03431	24.39062	26.90448	8
2117.615	2118.888	1474.388	84.13286	228.9676	87.09944	89.78172	0	25.49892	74.50108	74.50108	0	-9999	8
2117.62	2118.893	1474.393	83.7744	176.9892	82.89679	79.4605	26.89765	9.392531	63.70982	41.58645	22.12337	26.59946	2
2117.625	2118.898	1474.398	86.59265	184.8578	84.92395	81.6978	28.53159	8.160982	63.30743	39.4559	23.85153	26.61225	2
2117.63	2118.903	1474.403	85.12172	151.3209	83.7744	81.3517	35.51008	6.600989	57.88893	41.04317	16.84576	26.93311	2
2117.635	2118.908	1474.408	83.58899	87.21121	83.26761	82.14278	44.48371	4.901002	50.61529	28.89644	21.71885	28.17089	2
2117.64	2118.914	1474.414	83.79912	104.8429	83.34177	80.79546	41.07726	5.761144	53.16159	27.14706	26.01453	27.88643	2
2117.645	2118.919	1474.419	81.52475	200.7783	80.33812	79.60883	25.60527	9.625196	64.76953	36.4351	28.33444	25.58753	2
2117.65	2118.924	1474.424	85.96225	151.1223	84.86214	81.3517	32.86895	7.561043	59.57001	22.87993	36.69007	27.12679	2
2117.655	2118.929	1474.429	84.87451	118.8841	84.65201	85.76448	34.86983	7.816512	57.31366	29.26029	28.05337	26.73378	2
2117.66	2118.934	1474.434	89.50978	131.5044	88.97827	87.96469	29.94616	9.47803	60.57581	24.7321	35.84371	27.07558	2
2117.665	2118.94	1474.44	85.43074	169.136	84.89923	86.24655	24.59203	10.4312	64.97677	33.17285	31.80392	26.01109	2
2117.67	2118.945	1474.445	83.03276	208.2649	80.64714	75.2455	31.69833	7.251029	61.05064	42.31153	18.73911	26.29814	2
2117.675	2118.95	1474.45	75.14661	96.62293	73.95998	72.22948	56.67875	1.482642	41.8386	25.08258	16.75602	29.05544	2
2117.68	2118.955	1474.455	75.82645	140.6716	73.60152	71.87102	53.44036	2.618772	43.94087	13.77985	30.16103	27.69287	2
2117.685	2118.96	1474.46	79.20093	149.4722	78.18735	72.18003	38.81812	6.109673	55.07221	29.33948	25.73272	27.32513	2
2117.69	2118.966	1474.466	79.12677	120.9009	77.97722	73.81165	46.85436	3.857215	49.28843	17.77825	31.51018	28.07672	2
2117.695	2118.971	1474.471	79.42342	149.625	78.81775	78.00194	35.4152	7.118756	57.46605	33.50675	23.9593	26.27867	2
2117.7	2118.976	1474.476	77.43334	225.1632	75.34438	66.70423	30.4613	8.685007	60.8537	32.37215	28.48154	26.0778	-9999
2117.705	2118.981	1474.481	97.86563	148.9527	95.14627	92.13025	34.99211	2.76063	62.24726	41.08954	21.15772	28.25804	-9999
2117.71	2118.986	1474.486	91.75943	151.8098	88.28607	83.67551	45.76192	0	54.23808	19.34746	34.89062	28.59256	-9999
2117.715	2118.992	1474.492	92.74829	164.2315	89.78172	86.09822	37.91852	2.61587	59.46561	32.9203	26.54532	27.86062	-9999
2117.72	2118.997	1474.497	87.44554	98.77723	85.40602	80.57297	51.4523	1.281928	47.26577	29.47994	17.78583	29.79612	-9999
2117.725	2119.002	1474.502	84.30591	35.21756	83.19345	82.55069	62.53752	0	37.46248	22.89474	14.56773	30.74838	-9999
2117.73	2119.007	1474.507	84.29355	91.39759	81.53711	80.10326	61.69415	0	38.30585	15.72902	22.57683	28.60937	-9999
2117.735	2119.012	1474.512	88.65689	127.9138	86.80278	82.94623	41.84986	4.061777	54.08836	31.6185	22.46986	28.19562	-9999
2117.74	2119.018	1474.518	94.6024	154.0864	93.44049	91.67291	24.68168	10.35377	64.96455	35.58604	29.3785	27.27784	-9999
2117.745	2119.023	1474.523	100.7457	245.6062	99.6085	96.17221	0	19.55599	80.44401	80.44401	0	-9999	-9999
2117.75	2119.028	1474.528	121.2027	294.2232	119.4598	118.4463	0	31.30627	68.69373	68.69373	0	-9999	-9999
2117.755	2119.033	1474.533	101.1412	264.7199	97.5937	92.73593	10.3812	5.593508	84.02529	73.73771	10.28758	28.83568	-9999
2117.76	2119.038	1474.538	101.9694	98.48694	101.8334	99.6085	23.40807	17.60933	58.9826	36.46403	22.51857	27.5653	-9999
2117.765	2119.044	1474.544	105.7147	28.35739	106.7406	108.397	27.92895	27.55208	44.51897	13.47368	31.04529	26.14172	-9999
2117.77	2119.049	1474.549	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999
2117.775	2119.054	1474.554	135.3063	79.11346	134.0826	132.0183	5.856528	55.89217	38.25131	38.25131	0	-9999	-9999
2117.78	2119.059	1474.559	120.9308	490.1429	125.9616	123.4153	0	100	0	0	0	-9999	-9999
2117.785	2119.064	1474.564	115.7763	851.1649	123.131	88.8423	0	100	0	0	0	-9999	-9999
2117.79	2119.07	1474.57	97.97688	280.6404	94.80017	86.55556	6.565778	9.223563	84.21066	71.16997	13.04068	-9999	-9999
2117.795	2119.075	1474.575	92.68649	114.4991	91.77179	86.58029	34.10853	8.064313	57.82716	39.93123	17.89592	28.31957	-9999
2117.8	2119.08	1474.58	87.63095	157.8755	87.4579	86.67917	22.51479	11.77952	65.70568	33.65883	32.04685	26.7435	-9999
2117.805	2119.085	1474.585	84.45424	207.8065	80.74602	76.82767	40.75162	3.751196	55.49718	27.28087	28.21631	26.44847	-9999
2117.81	2119.09	1474.59	91.46277	137.8756	91.96956	90.48628	18.56073	15.40363	66.03564	37.66774	28.36789	27.36075	-9999
2117.815	2119.096	1474.596	90.75821	126.7374	89.89296	86.22182	32.53769	8.327202	59.1351	33.49047	25.64463	27.74782	-9999
2117.82	2119.101	1474.601	84.88687	104.3845	83.88565	82.64957	44.40247	4.42585	51.17168	16.55825	34.61342	27.99058	-9999
2117.825	2119.106	1474.606	85.71503	143.0551	86.24655	93.13147	22.40362	12.31673	65.27965	44.84303	20.43662	25.45586	-9999
2117.83	2119.111	1474.611	88.34787	112.4212	88.0883	88.57036	33.52574	8.718693	57.75556	25.20562	32.54995	27.04781	-9999
2117.835	2119.116	1474.616	89.42325	143.9718	88.8423	86.35779	27.39182	10.08942	62.51876	35.1358	27.38296	27.19159	-9999
2117.84	2119.122	1474.622	82.67429	142.5967	81.78432	80.79546	36.32853	6.745703	56.92577	38.69735	18.22842	26.66543	-9999
2117.845	2119.127	1474.627	92.04373	350.8463	92.35275	89.97949	0	29.27093	70.72907	70.72907	0	-9999	-9999
2117.85	2119.132	1474.632	81.79668	210.2817	79.17621	77.17377	34.16757	6.747519	59.08492	24.82852	34.2564	25.52319	-9999
2117.855	2119.137	1474.637	87.1118	118.9452	86.67917	86.90167	34.42525	8.003619	57.57113	40.68065	16.89048	26.98994	-9999
2117.86	2119.142	1474.642	80.51117	177.6004	78.49637	75.52979	38.56512	5.893895	55.54098	33.68391	21.85707	26.31199	-9999
2117.865	2119.148	1474.648	85.49254	297.3095	83.21817	74.6769	7.024355	13.74425	79.2314	69.54478	9.686624	-9999	-9999
2117.87	2119.153	1474.653	81.0674	353.3826	76.25908	69.8315	17.16391	11.58143	71.25465	53.37498	17.87967	24.31674	-9999
2117.875	2119.158	1474.658	87.40846	405.0707	84.15758	77.19849	0	18.09924	81.90076	81.90076	0	-9999	-9999
2117.88	2119.163	1474.663	110.9433	365.6362	112.2659	116.1101	0	64.07296	35.92704	35.92704	0	-9999	-9999
2117.885	2119.168	1474.668	107.5812	118.4257	107.6306	105.2203	11.98312	26.9382	61.07869	45.65385	15.42483	27.40736	-9999
2117.89	2119.173	1474.673	82.64957	48.05172	82.52597	81.17865	53.29183	2.495468	44.2127	31.60338	12.60932	29.87329	-9999
2117.895	2119.179	1474.679	90.27614	95.00338	90.49864	92.67413	32.23081	10.48478	57.28441	37.60086	19.68355	26.93401	-9999
2117.9	2119.184	1474.684	89.42325	89.18217	89.71991	88.76814	33.84943	9.889475	56.2611	35.81459	20.44651	27.61213	-9999
2117.905	2119.189	1474.689	98.45895	116.2714	97.89036	94.57768	25.68668	13.07636	61.23695	45.94383	15.29312	27.86481	-9999
2117.91	2119.194	1474.694	87.5197	112.7573	87.30957	85.097	33.82313	8.549387	57.62748	27.37482	30.25266	27.51499	-9999
2117.915	2119.199	1474.699	94.61476	224.1548	91.2032	87.13652	25.14856	4.640268	70.21117	43.2677	26.94347	27.21714	-9999
2117.92	2119.205	1474.705	99.43545	310.3576	98.76797	94.89906	0	26.20411	73.79589	73.79589	0	-9999	-9999
2117.925	2119.21	1474.71	95.97444	397.8591	98.02632	95.48001	0	45.6971	54.3029	54.3029	0	-9999	-9999
2117.93	2119.215	1474.715	76.85239	174.4682	76.30852	72.35308	31.28949	8.318798	60.39171	40.64928	19.74242	26.20075	-9999
2117.935	2119.22	1474.72	84.76326	135.3699	84.56549	84.10814	30.79102	8.963874	60.2451	33.44646	26.79865	26.69868	-9999
2117.94	2119.225	1474.725	80.7213	243.2991	78.94135	74.17011	20.6526	10.90364	68.44377	49.42226	19.02151	25.80039	-9999
2117.945	2119.231	1474.731	81.16629	433.1072	75.85117	69.88094	1.707204	15.89637	82.39643	82.39643	0	-9999	-9999
2117.95	2119.236	1474.736	71.40131	216.439	68.07627	66.75367	47.70159	5.948721	46.34969	24.25985	22.08984	24.8512	-9999

2117.955	2119.241	1474.741	73.05765	200.2588	70.35065	66.59298	45.30358	5.740901	48.95551	34.80279	14.15272	25.66253	-9999
2117.96	2119.246	1474.746	79.25037	298.9138	78.49637	75.12189	0.59605	16.80643	82.59752	82.59752	0	-9999	-9999
2117.965	2119.251	1474.751	78.0761	274.7886	79.06496	81.15393	0	18.90574	81.09426	81.09426	0	-9999	-9999
2117.97	2119.257	1474.757	79.78188	226.4466	79.28745	78.89191	15.63241	12.66327	71.70432	56.87498	14.82934	25.7408	-9999
2117.975	2119.262	1474.762	83.18108	244.8423	80.83255	79.55939	22.42275	9.825674	67.75157	38.49392	29.25766	25.21201	-9999
2117.98	2119.267	1474.767	82.36528	197.0961	81.7596	80.22687	21.22068	11.11839	67.66094	49.44768	18.21325	26.10598	-9999
2117.985	2119.272	1474.772	89.16368	345.4988	86.49376	86.81514	0	15.94953	84.05047	84.05047	0	-9999	-9999
2117.99	2119.277	1474.777	98.85449	319.4638	97.76675	93.44049	0	23.85177	76.14823	76.14823	0	-9999	-9999
2117.995	2119.283	1474.783	93.13147	102.8567	93.04495	91.36389	30.0983	11.36915	58.53255	30.05532	28.47723	27.58349	-9999
2118	2119.288	1474.788	-12371.8	-15277.2	-12371.8	-12371.8	-9999	-9999	-9999	-9999	-9999	-9999	-9999

Well B19: Wireline logs

MDRT	Burial Depth	APLC	AT90	DTCO	DTSM	HSGR	PHI	RHOZ
m	m	v/v	Ωm	µs/m	µs/m	gAPI	v/v	g/cm³
1508.455	840.455	0.5005	0.641916	586.3308	1425.671	47.0466	0.341494	1.9815
1508.608	840.608	0.477592	0.779079	571.8279	1318.809	42.1141	0.342682	1.94764
1508.76	840.76	0.486985	0.977944	556.1011	1281.992	41.0426	0.345953	1.9504
1508.912	840.912	0.522462	1.01337	541.5589	1298.07	42.9611	0.358218	1.96372
1509.065	841.065	0.498757	0.9265933	531.4572	1333.896	48.19213	0.3428066	1.97517
1509.217	841.217	0.4719	0.878338	526.1798	1375.983	49.1075	0.329833	1.9763
1509.37	841.37	0.444311	0.8815798	524.7555	1424.854	49.93409	0.3134517	1.98746
1509.522	841.522	0.467581	0.862815	525.8221	1467.292	51.3005	0.318028	2.00409
1509.674	841.674	0.520442	0.8004519	529.0516	1526.744	58.19649	0.3391573	2.0189
1509.827	841.827	0.546815	0.747282	533.3869	1601.572	63.43	0.353337	2.0178
1509.979	841.979	0.5403	0.7160456	537.1612	1686.544	65.36993	0.3505649	2.0156
1510.132	842.132	0.550061	0.711807	540.6663	1760.597	64.1619	0.357976	2.00833
1510.284	842.284	0.518551	0.6999143	543.3607	1834.647	63.38781	0.344095	2.00051
1510.436	842.436	0.495213	0.694109	545.576	1887.666	64.5167	0.335329	1.9921
1510.589	842.589	0.511162	0.670618	546.7049	1924.782	65.9316	0.343592	1.9908
1510.741	842.741	0.5667	0.666007	546.5901	1938.477	66.4942	0.369682	1.9991
1510.894	842.894	0.577955	0.651511	545.7565	1942.878	65.796	0.37442	2.00358
1511.046	843.046	0.592976	0.6461019	545.5136	1942.895	63.46923	0.3817296	2.00679
1511.198	843.198	0.591087	0.637307	546.7706	1943.134	63.5075	0.382466	2.00069
1511.351	843.351	0.583019	0.6260118	547.9587	1943.846	63.66043	0.3801522	1.99362
1511.503	843.503	0.5924	0.618406	549.0941	1945.281	63.8286	0.387938	1.9846
1511.656	843.656	0.578655	0.6137021	549.6882	1946.708	62.69126	0.3801293	1.9858
1511.808	843.808	0.551344	0.60761	548.7988	1942.543	59.5184	0.364326	1.99009
1511.96	843.96	0.526651	0.5957135	547.4795	1927.332	58.67682	0.3499584	1.99511
1512.113	844.113	0.495799	0.588911	545.5793	1896.688	57.8175	0.333014	1.99978
1512.265	844.265	0.5445	0.5913075	544.2008	1860.19	61.9211	0.3570733	2.0018
1512.418	844.418	0.550476	0.605876	542.596	1835.586	62.9209	0.359938	2.0027
1512.57	844.57	0.605356	0.626383	541.3981	1812.711	63.3584	0.391461	1.9969
1512.722	844.722	0.592023	0.634886	540.8008	1807.801	62.5291	0.385506	1.9921
1512.875	844.875	0.62113	0.646191	540.6827	1811.966	62.8872	0.399959	1.99809
1513.027	845.027	0.5967	0.6608785	540.8008	1829.639	64.40848	0.3818734	2.0135
1513.18	845.18	0.610744	0.664097	540.978	1833.561	63.1295	0.386082	2.02675
1513.332	845.332	0.593827	0.6642967	540.7417	1828.096	63.66338	0.377129	2.0245
1513.484	845.484	0.594414	0.660203	540.0821	1803.125	65.2558	0.37968	2.01669
1513.637	845.637	0.540829	0.6571992	539.0121	1789.097	66.50597	0.3522672	2.01101
1513.789	845.789	0.5514	0.650011	538.592	1782.498	68.3297	0.356307	2.0161
1513.942	845.942	0.550205	0.6565964	538.7102	1797.355	67.45336	0.3554191	2.0169
1514.094	846.094	0.53792	0.665885	539.4257	1813.026	67.279	0.349271	2.0157
1514.246	846.246	0.594933	0.6666915	539.9048	1802.527	65.4684	0.380376	2.0153
1514.399	846.399	0.615733	0.657415	539.7867	1788.51	64.3467	0.39162	2.01699
1514.551	846.551	0.613	0.656601	538.6511	1764.122	65.0756	0.390065	2.017
1514.704	846.704	0.552841	0.652706	537.4631	1749.262	66.0696	0.357958	2.01322
1514.856	846.856	0.536213	0.647704	535.6711	1734.296	66.3572	0.348344	2.0158
1515.008	847.008	0.478439	0.6554918	534.2336	1714.467	66.632	0.3167133	2.02301
1515.161	847.161	0.527083	0.661595	532.5697	1703.046	65.2495	0.337042	2.03667
1515.313	847.313	0.5087	0.6714932	530.6564	1696.213	61.09064	0.3250964	2.044
1515.466	847.466	0.520055	0.683081	527.7453	1694.43	56.0208	0.329391	2.04938
1515.618	847.618	0.528886	0.6960888	524.9918	1693.708	53.12806	0.3349752	2.0465
1515.77	847.77	0.512672	0.70838	522.5402	1693.708	51.3266	0.325227	2.05021
1515.923	847.923	0.478083	0.73309	522.0052	1693.945	50.82428	0.3027278	2.06457
1516.075	848.075	0.4287	0.771537	522.4221	1690.725	50.6737	0.277576	2.0677
1516.228	848.228	0.469636	0.779394	523.3738	1686.564	51.0873	0.294722	2.07607

Depth-detrended logs (referenced to 1250m burial depth)

APLC_detrend	DTCO_detrend	DTSM_detrend	PHI_use_detrend	RHOZ_detrend
v/v	µs/m	µs/m	v/v	g/cm³
0.4245672	533.805642	689.096119	0.25600945	2.09714881
0.40168952	519.323333	582.656388	0.25723311	2.06324301
0.41111264	503.61699	546.258739	0.26053952	2.06595751
0.44661976	489.095245	562.755934	0.27283994	2.07923202
0.42294507	479.014134	599.00373	0.25746418	2.09063622
0.39611819	473.757188	641.509611	0.24452599	2.09172073
0.3685595	472.353476	690.802091	0.22818033	2.10283494
0.39185962	473.440529	733.658659	0.23279203	2.11941945
0.44475073	476.69048	793.529071	0.25395673	2.13418396
0.47115404	481.046366	868.778078	0.26817206	2.13303818
0.46466914	484.841116	954.168177	0.26543536	2.13079269
0.47446045	488.3668	1028.64187	0.27288208	2.12347691
0.44298056	491.081649	1103.10966	0.25903647	2.11561143
0.41967266	493.317397	1156.54629	0.25030585	2.10715596
0.43565196	494.466879	1194.08251	0.25860447	2.10581018
0.49122006	494.372526	1208.19483	0.28472985	2.11406471
0.50250536	493.559506	1213.01573	0.28950346	2.11849894
0.51755646	493.337051	1213.44974	0.29684843	2.12166347
0.51569755	494.614496	1214.10559	0.2976202	2.11551801
0.50765985	495.823174	1215.23703	0.295342	2.10840224
0.51707094	496.979017	1217.08857	0.30316316	2.09933678
0.50335623	497.593693	1218.93469	0.29539006	2.10049102
0.47607532	496.724735	1215.18592	0.27962212	2.10473556
0.45141241	495.425875	1200.39099	0.26528987	2.10971011
0.42059069	493.54625	1170.16564	0.24838106	2.11433435
0.46932178	492.188189	1134.08341	0.27247571	2.1163089
0.47532806	490.603962	1109.89775	0.27537598	2.11716315
0.53023814	489.4265	1087.4382	0.30693433	2.1113177
0.51693523	488.849637	1082.9435	0.30101467	2.10647226
0.5460725	488.752107	1087.52637	0.31550324	2.11241652
0.52167258	488.890643	1105.61436	0.29745297	2.12778107
0.53574686	489.088412	1109.95392	0.30169714	2.14098534
0.51885993	488.872546	1104.9036	0.29277947	2.1386899
0.51947701	488.233379	1080.34712	0.29536579	2.13083446
0.46592228	487.183946	1066.73621	0.26798855	2.12510873
0.47652335	486.784278	1060.55143	0.27206367	2.1301533
0.47535861	486.923044	1075.82521	0.27121132	2.13090757
0.46310368	487.658974	1091.91011	0.26509853	2.12966214
0.52014675	488.158504	1081.82486	0.29623884	2.12921672
0.54097701	488.060967	1068.22418	0.30751838	2.130861
0.53827407	486.945795	1044.24962	0.30599869	2.13082558
0.47814533	485.778357	1029.80563	0.27392722	2.12699986
0.46154739	484.006783	1015.25276	0.26434852	2.12953444
0.40380345	482.589709	995.836745	0.23275312	2.13669903
0.45247771	480.946369	984.831287	0.25311735	2.15031332
0.43412476	479.053493	978.410959	0.24120704	2.15759791
0.44551002	476.162951	977.043191	0.24553716	2.1629322
0.45437107	473.429874	976.733555	0.25115664	2.16000679
0.43818712	470.998696	977.145767	0.24144372	2.16367139
0.40362837	470.484252	977.797535	0.21898003	2.17798569
0.35427541	470.921573	974.989439	0.19386351	2.18107029
0.39524166	471.893827	971.242899	0.21104501	2.18939459

Porosity harmonisation (referenced to Well B20)

PHI_harmB20
v/v
0.36073158
0.36195698
0.36532026
0.37789867
0.36210068
0.3487667
0.33188001
0.33660989
0.35837288
0.37292987
0.37009329
0.37769274
0.36346552
0.35446369
0.36295959
0.38968812
0.39453299
0.40199682
0.40275291
0.40039847
0.40834013
0.40038553
0.38424893
0.3695394
0.35214027
0.37684146
0.37977987
0.41196428
0.40590377
0.42062031
0.40221109
0.40650636
0.39738161
0.39998962
0.37196411
0.37610882
0.37520451
0.36890765
0.40072556
0.41218844
0.41061035
0.37783101
0.36798295
0.33544258
0.35638753
0.34409843
0.34852699
0.35427815
0.34424873
0.3210178
0.29491308
0.31273353

ANN wireline facies output

Wireline Facies ID	Wireline Facies Group ID
unitless	unitless
8	2
8	2
5	1
6	1
5	1
5	1
5	1
5	1
6	1
6	1
6	1
4	1
1	1
1	1
1	1
2	1
2	1
2	1
2	1
2	1
2	1
2	1
1	1
2	1
2	1
4	1
4	1
2	1
2	1
2	1
2	1
2	1
2	1
1	1
1	1
1	1
1	1
6	1
6	1
6	1
6	1
6	1
6	1
6	1
6	1
5	1
5	1
5	1

1516.38	848.38	0.467304	0.758233	523.6134	1678.92	50.1915	0.285047	2.10256	0.3929397	472.153846	964.010496	0.20140528	2.21583919	0.30269483	5	1
1516.532	848.532	0.467955	0.746909	524.8113	1686.547	49.393	0.263837	2.17474	0.39362075	473.372165	972.04894	0.18023055	2.2879738	0.28060192	7	2
1516.685	848.685	0.43989	0.739013	527.3056	1686.547	48.011	0.224783	2.26052	0.36558599	475.887017	972.462937	0.14121205	2.37370811	0.23960328	7	2
1516.837	848.837	0.4025	0.729508	529.5209	1682.491	46.2753	0.181427	2.3506	0.32822603	478.122734	968.818074	0.09789131	2.46374272	0.1935246	7	2
1516.99	848.99	0.408078	0.7184265	529.4617	1659.311	45.46621	0.1784914	2.38795	0.33383427	478.084085	946.051763	0.0949912	2.50104703	0.19038487	7	2
1517.142	849.142	0.410298	0.729091	526.8986	1639.422	46.9762	0.186452	2.35053	0.3360843	475.5414	926.573594	0.10298705	2.46358165	0.19891139	7	2
1517.294	849.294	0.50446	0.7389892	523.4329	1615.412	49.46448	0.2701421	2.23544	0.43027634	472.096115	902.974273	0.1867124	2.34844626	0.28720934	5	1
1517.447	849.447	0.541681	0.74549	521.2339	1611.135	50.8129	0.316461	2.13731	0.46752757	469.917663	899.1105	0.23306679	2.25027058	0.33526625	6	1
1517.599	849.599	0.5062	0.7541893	520.8697	1616.016	50.54791	0.3103548	2.0875	0.4320766	469.573877	904.401873	0.22699583	2.2004152	0.32896468	5	1
1517.752	849.752	0.476718	0.758393	521.9396	1628.257	49.6901	0.295176	2.08601	0.40262483	470.664324	917.055793	0.21185251	2.19887953	0.31325707	5	1
1517.904	849.904	0.492874	0.7608989	522.957	1627.115	47.7972	0.3051714	2.08121	0.41881086	471.702136	916.32386	0.22188315	2.19403415	0.32361518	5	1
1518.056	850.056	0.540269	0.764494	523.0784	1614.818	47.0452	0.331832	2.0782	0.46623589	471.843947	904.436776	0.24857899	2.19097878	0.35112845	6	1
1518.209	850.209	0.500994	0.766598	522.1857	1610.417	46.891	0.310665	2.0773	0.42699112	470.971791	900.448235	0.22744745	2.19003311	0.3293063	5	1
1518.361	850.361	0.4838	0.7664	521.1093	1610.883	47.6252	0.299848	2.0829	0.40982714	469.915801	901.323845	0.21666568	2.19558774	0.31812	5	1
1518.514	850.514	0.500931	0.774593	520.2166	1619.678	48.0243	0.30892	2.0829	0.42698836	469.043644	910.530997	0.22577314	2.19554207	0.32751314	5	1
1518.666	850.666	0.51358	0.7846786	519.7374	1611.375	47.17772	0.3165859	2.0801	0.43966739	468.584852	902.637303	0.23347427	2.19269671	0.33543715	5	1
1518.818	850.818	0.514546	0.777905	519.3765	1606.944	47.9529	0.318913	2.07409	0.44066341	468.24436	898.615457	0.23583659	2.18664134	0.33784376	5	1
1518.971	850.971	0.543431	0.7724077	518.9005	1606.708	48.87305	0.3370841	2.06612	0.46957863	467.788901	898.791149	0.25404314	2.17862569	0.35656156	6	1
1519.123	851.123	0.5568	0.770801	518.6609	1615.537	50.0546	0.34849	2.0523	0.48297764	467.569707	908.028998	0.26548426	2.16476033	0.36827884	1	1
1519.276	851.276	0.53688	0.7685069	518.5428	1627.069	50.10234	0.3400023	2.04413	0.46308786	467.472146	919.972385	0.25703201	2.15654467	0.35957096	6	1
1519.428	851.428	0.54329	0.772094	518.5428	1628.067	51.2793	0.342914	2.046	0.46952787	467.492551	921.37893	0.25997892	2.15836932	0.36256677	1	1
1519.58	851.58	0.544844	0.7755975	518.5428	1616.712	53.92357	0.3419618	2.05211	0.47111189	467.512954	910.432324	0.25906193	2.16443396	0.36159415	1	1
1519.733	851.733	0.572412	0.779893	518.5428	1604.24	52.5126	0.3554	2.05878	0.4987101	467.533492	898.371252	0.27253556	2.17105831	0.37538302	1	1
1519.885	851.885	0.5381	0.7849911	518.5428	1589.403	51.02532	0.3356087	2.0611	0.46442811	467.553894	883.942342	0.25277946	2.17333297	0.35507603	6	1
1520.038	852.038	0.551347	0.783902	518.6609	1569.672	49.5518	0.34146	2.06618	0.47770531	467.69253	864.621965	0.2586662	2.17836732	0.36109446	1	1
1520.19	852.19	0.525121	0.768812	518.9005	1561.841	51.0115	0.328176	2.0623	0.45150932	467.95253	857.198751	0.24541739	2.17444198	0.3474383	6	1
1520.342	852.342	0.557188	0.748532	519.2582	1563.515	53.0929	0.349664	2.04899	0.48360633	468.33063	859.280387	0.26694059	2.16108663	0.36952461	1	1
1520.495	852.495	0.542435	0.727317	519.2582	1575.054	52.1715	0.343999	2.04082	0.46888353	468.351164	871.229552	0.26131101	2.152871	0.36371726	1	1
1520.647	852.647	0.5722	0.7146227	518.9005	1576.515	52.09959	0.3601884	2.0415	0.49867853	468.013863	873.097885	0.27753559	2.15350566	0.38031746	1	1
1520.8	852.8	0.614232	0.717997	518.9597	1564.27	51.0872	0.381866	2.04977	0.54074073	468.093595	861.262745	0.29924861	2.16173002	0.40246817	1	1
1520.952	852.952	0.606413	0.7282916	519.7933	1556.833	52.26722	0.3771673	2.0503	0.53295173	468.947592	854.232775	0.29458509	2.16221469	0.39768029	1	1
1521.104	853.104	0.55387	0.739091	521.7099	1559.583	51.6674	0.351386	2.0369	0.48043873	470.884588	857.389655	0.26883897	2.14876936	0.37131628	1	1
1521.257	853.257	0.534945	0.7405943	523.7283	1570.519	51.41096	0.3404851	2.03909	0.46154392	472.923518	868.735059	0.25797348	2.15091373	0.36013478	6	1
1521.409	853.409	0.538797	0.736007	524.3912	1588.431	51.2387	0.338089	2.05399	0.46542592	473.606813	887.053636	0.25561255	2.1657684	0.35767797	6	1
1521.562	853.562	0.557127	0.7328134	523.738	1596.413	53.00363	0.3447946	2.06585	0.48378611	472.974141	895.444736	0.26235355	2.17758278	0.36457044	1	1
1521.714	853.714	0.567683	0.743383	521.7099	1599.422	52.5396	0.350537	2.0666	0.4943721	470.966434	898.860011	0.26813112	2.17828745	0.37046667	1	1
1521.866	853.866	0.609627	0.7503944	519.7933	1598.234	52.48036	0.3786055	2.05189	0.53634609	469.070227	898.078136	0.29623478	2.16353213	0.39917883	1	1
1522.019	854.019	0.564046	0.757189	518.8448	1597.995	50.3097	0.354272	2.04622	0.49079528	468.142253	898.247781	0.27193668	2.15781651	0.37430538	1	1
1522.171	854.171	0.5515	0.766093	518.5428	1597.04	49.7918	0.345674	2.0519	0.47827927	467.860644	897.698604	0.26337383	2.16345119	0.36549382	1	1
1522.324	854.324	0.534867	0.767697	518.6609	1596.803	51.1384	0.334081	2.06027	0.46167645	467.999269	897.869945	0.25181622	2.17177558	0.35358851	6	1
1522.476	854.476	0.538597	0.763104	519.0187	1596.803	51.3865	0.334382	2.0662	0.46543644	468.377459	898.275467	0.25215237	2.17766027	0.35390329	6	1
1522.628	854.628	0.522628	0.7595044	519.616	1598.71	51.65986	0.3269689	2.0619	0.44949742	468.995148	900.587839	0.24477442	2.17331495	0.34627878	6	1
1522.781	854.781	0.558015	0.757502	519.6751	1595.615	50.6118	0.348067	2.05611	0.4849146	469.07477	897.900726	0.2659079	2.16747935	0.36796995	1	1
1522.933	854.933	0.5644	0.7575987	518.3623	1586.537	53.32439	0.3485572	2.067	0.49132958	467.782358	889.227797	0.26643324	2.17832404	0.36847796	1	1
1523.086	855.086	0.552448	0.756001	515.6285	1567.046	57.1777	0.338849	2.07756	0.47940776	465.069079	870.144382	0.25676041	2.18883844	0.35851636	1	1
1523.238	855.238	0.530236	0.7572952	512.9964	1560.295	58.28859	0.3244565	2.08439	0.45722573	462.457365	863.798152	0.24240305	2.19562313	0.34371135	4	1
1523.39	855.39	0.502918	0.753806	511.6213	1563.997	56.6519	0.31142	2.07819	0.42993771	461.10265	867.904773	0.22940169	2.18937783	0.33026484	4	1
1523.543	855.543	0.525546	0.7571925	512.2744	1581.72	54.28709	0.3269386	2.06723	0.45259588	461.776269	886.034904	0.24495565	2.17837223	0.34627893	6	1
1523.695	855.695	0.536	0.754105	513.7086	1591.549	51.7778	0.335194	2.0586	0.46307985	463.230852	896.268225	0.25324618	2.16969694	0.35478006	6	1
1523.848	855.848	0.542673	0.7570915	514.8966	1598.92	52.71383	0.3405638	2.05282	0.46978302	464.43937	904.046054	0.25865133	2.16387134	0.36030422	1	1
1524	856	0.565563	0.752807	515.9764	1600.259	54.3676	0.355291	2.04561	0.49270299	465.539552	905.789075	0.27341366	2.15661605	0.37541691	1	1
1524.152	856.152	0.575995	0.746805	517.1742	1606.482	57.7849	0.363007	2.039	0.50316496	466.757733	912.415946	0.28116478	2.14996076	0.38332103	1	1
1524.305	856.305	0.57291	0.740909	519.4323	1615.271	59.9671	0.36117	2.0394	0.50011013	469.036348	921.611324	0.27936313	2.15031517	0.38144668	1	1
1524.457	856.457	0.5667	0.741899	522.8388	1643.223	62.4028	0.355899	2.0457	0.49393009	472.463229	949.966896	0.27412724	2.15656989	0.37605529	4	1
1524.609	856.609	0.573772	0.7305104	526.6426	1677.457	62.68603	0.3609087	2.04201	0.50103206	476.287408	984.604318	0.27917205	2.1528346	0.38118962	4	1
1524.762	856.762	0.576098	0.721107	530.8303	1736.262	63.3407	0.367998	2.02192	0.50338822	480.495621	1043.81524	0.28629669	2.13269902	0.3884453	2	1
1524.914	856.914	0.525967	0.7080146	533.9416	1786.137	61.03841	0.3448569	2.0099	0.45328718	483.627299	1094.09337	0.2631907	2.12063374	0.36474886	4	1
1525.067	857.067	0.50505	0.700106	536.4982	1824.414	60.1721	0.333537	2.012	0.43240033	486.20441	1132.77599	0.25190613	2.12268816	0.35312281	1	1

1525.219	857.219	0.5133	0.6798167	537.7585	1845.868	60.72627	0.3344187	2.0222	0.44068029	487.485086	1154.63282	0.25282293	2.13284289	0.35403487	1	1
1525.372	857.372	0.530531	0.66103	539.36	1861.795	61.5656	0.342798	2.02399	0.45794144	489.107096	1170.96514	0.26123756	2.13458731	0.36265082	1	1
1525.524	857.524	0.554162	0.6474217	541.7525	1882.353	63.05213	0.3556965	2.023	0.4816024	491.519971	1191.92567	0.27417115	2.13355204	0.3758842	1	1
1525.676	857.676	0.545811	0.647001	544.2041	1896.721	60.4697	0.35259	2.01849	0.47328135	493.991945	1206.69605	0.27109974	2.12899677	0.37270636	1	1
1525.829	857.829	0.559966	0.6443933	547.0003	1910.876	59.76452	0.3628765	2.00962	0.4874665	496.808653	1221.25592	0.28142156	2.12008121	0.38324456	1	1
1525.981	857.981	0.5698	0.631221	549.2747	1929.17	59.9115	0.369779	2.0043	0.49733045	499.103426	1239.952	0.28835914	2.11471594	0.39030675	1	1
1526.134	858.134	0.585437	0.607619	550.9977	1938.559	60.4573	0.378652	2.0031	0.5129976	500.846932	1249.74558	0.29726746	2.11347038	0.39937109	1	1
1526.286	858.286	0.564035	0.589329	552.3728	1943.604	58.5317	0.365735	2.00739	0.49162555	502.242403	1255.19236	0.28438553	2.11771512	0.38618362	1	1
1526.438	858.438	0.592151	0.575911	554.1681	1944.565	57.6309	0.37997	2.01129	0.51977149	504.058073	1256.55499	0.29865561	2.12156986	0.40072586	1	1
1526.591	858.591	0.623724	0.5640093	555.4152	1945.041	57.84347	0.3990665	2.00651	0.55137463	505.325677	1257.43512	0.31778741	2.1167443	0.42017778	1	1
1526.743	858.743	0.6052	0.55201	555.2412	1945.281	60.8046	0.392213	1.994	0.53288058	505.172046	1258.07645	0.31096898	2.10418904	0.41321079	2	1
1526.896	858.896	0.588069	0.5521039	553.4592	1945.044	62.67776	0.3857137	1.98414	0.51577971	503.410549	1258.24328	0.30450498	2.09428349	0.40659691	2	1
1527.048	859.048	0.568116	0.556996	551.0076	1940.154	61.512	0.37534	1.9831	0.49585665	500.979316	1253.75432	0.29416635	2.09319824	0.39602222	1	1
1527.2	859.2	0.611604	0.5557011	548.7923	1934.765	61.0328	0.3975332	1.9879	0.53937459	498.784383	1248.76621	0.31639461	2.09795299	0.41863918	2	1
1527.353	859.353	0.614092	0.554602	547.3088	1925.501	56.9166	0.39903	1.9875	0.54189273	497.321383	1239.90559	0.3179267	2.09750744	0.42016639	1	1
1527.505	859.505	0.5886	0.555201	546.5901	1929.409	55.73999	0.3827708	1.995	0.51643066	496.623049	1244.21418	0.30170255	2.1049622	0.40361803	2	1
1527.658	859.658	0.583321	0.557696	547.9553	1919.544	54.9824	0.374985	2.01163	0.51118179	498.008747	1234.75226	0.29395203	2.12154666	0.3956805	2	1
1527.81	859.81	0.536974	0.5658978	548.7365	1885.31	56.30506	0.3491931	2.0144	0.46486473	498.810311	1200.91856	0.26819518	2.12427142	0.36929639	1	1
1527.962	859.962	0.560711	0.579478	548.1359	1831.375	55.7593	0.363069	2.01029	0.48863166	498.230074	1147.38371	0.28210613	2.12011618	0.38351394	8	2
1528.115	860.115	0.573868	0.587693	545.1033	1762.973	56.5698	0.373625	1.99883	0.50181878	495.217971	1079.38435	0.29269741	2.10861064	0.39430749	2	1
1528.267	860.267	0.6071	0.607667	538.7725	1708.986	58.589	0.391371	2.0006	0.53508071	488.907533	1025.7972	0.31047845	2.1103354	0.41240518	2	1
1528.42	860.42	0.566363	0.663253	528.7266	1659.419	60.1448	0.365262	2.01315	0.49437383	478.882127	976.632535	0.28440471	2.12283987	0.38577241	4	1
1528.572	860.572	0.546831	0.721454	517.3088	1617.873	58.91855	0.3470429	2.03846	0.47487176	467.484688	935.486093	0.26622065	2.14810464	0.36711674	1	1
1528.724	860.724	0.458861	0.787944	508.5757	1570.269	57.3568	0.288309	2.07905	0.38693168	458.771947	888.281504	0.20752178	2.18864941	0.30651035	4	1
1528.877	860.877	0.434658	0.8707158	507.6239	1545.901	57.52172	0.2659323	2.11023	0.3627588	457.84064	864.315394	0.18518034	2.21978389	0.28321893	4	1
1529.029	861.029	0.459	0.941841	513.83	1565.891	60.6674	0.279996	2.1049	0.38713072	464.067098	884.70451	0.19927907	2.21440866	0.2978804	4	1
1529.182	861.182	0.546051	0.9249195	522.8027	1609.99	61.19682	0.3374992	2.06974	0.47421184	473.060289	929.205103	0.25681752	2.17920314	0.35733729	6	1
1529.334	861.334	0.555985	0.799986	529.8096	1668.192	60.8407	0.355227	2.02787	0.48417575	480.087546	987.805924	0.27458034	2.13728792	0.37553281	4	1
1529.486	861.486	0.580858	0.7037082	531.6705	1703.886	59.3027	0.3723046	2.01611	0.50907867	481.968802	1023.8986	0.29169296	2.1254827	0.39300557	2	1
1529.639	861.639	0.554584	0.660467	530.7188	1726.334	59.0548	0.355515	2.02437	0.48283478	481.037591	1046.74775	0.2749386	2.13369719	0.37583819	4	1
1529.791	861.791	0.5608	0.6617108	527.4926	1720.679	60.60216	0.3562127	2.0334	0.48908069	477.831745	1041.49112	0.27567132	2.14268197	0.376558	4	1
1529.944	861.944	0.560402	0.677874	523.6298	1692.271	58.0611	0.354649	2.03798	0.4887128	473.989432	1013.48398	0.27414285	2.14721646	0.3749614	4	1
1530.096	862.096	0.54841	0.696085	518.7856	1650.184	57.2709	0.34728	2.0407	0.47675071	469.165585	971.795061	0.26680886	2.14989125	0.36741184	1	1
1530.248	862.248	0.563682	0.697897	513.9449	1600.948	55.1984	0.354191	2.0458	0.49205262	464.345237	922.956999	0.27375486	2.15494604	0.37450248	1	1
1530.401	862.401	0.541054	0.703895	510.9714	1560.62	53.2314	0.343015	2.04161	0.46945473	461.392223	883.029407	0.26261409	2.15071054	0.363045	1	1
1530.553	862.553	0.5419	0.7323776	508.638	1535.461	52.07042	0.3431776	2.0426	0.47033063	459.079173	858.268051	0.26281169	2.15165533	0.36321711	1	1
1530.706	862.706	0.552458	0.763874	509.232	1544.375	51.2237	0.346358	2.05136	0.48091873	459.693657	867.582163	0.26602731	2.16036983	0.36648662	1	1
1530.858	862.858	0.601821	0.7699786	511.2602	1559.541	51.22558	0.3708455	2.06408	0.53031163	461.742206	883.145514	0.2905498	2.17304463	0.39156166	1	1
1531.01	863.01	0.597476	0.755922	513.0554	1583.922	51.9529	0.367681	2.06649	0.52599653	463.557755	907.923718	0.28742029	2.17540943	0.38833323	1	1
1531.163	863.163	0.566973	0.7366183	515.494	1597.246	54.79709	0.3539034	2.05313	0.49552363	466.016836	921.647388	0.27367791	2.16200394	0.37423886	1	1
1531.315	863.315	0.503	0.722223	515.7368	1608.257	57.53	0.32447	2.0367	0.43158053	466.279983	933.055298	0.24427949	2.14552875	0.34400157	6	1
1531.468	863.468	0.484873	0.7101055	517.5812	1622.166	56.75613	0.3206201	2.02066	0.41348362	468.144863	947.363673	0.2404648	2.12944326	0.34003822	6	1
1531.62	863.62	0.446861	0.693426	518.4805	1648.077	54.5485	0.303252	2.0188	0.37550152	469.064509	973.671291	0.22313168	2.12753807	0.32210083	5	1
1531.772	863.772	0.488685	0.6874071	520.4561	1677.027	52.38811	0.3234574	2.0179	0.41735541	471.060454	1003.01776	0.24337205	2.12659288	0.34297365	6	1
1531.925	863.925	0.541531	0.683806	522.9504	1693.774	53.2773	0.350159	2.019	0.4702315	473.575232	1020.1637	0.27010885	2.12764739	0.37042676	1	1
1532.077	864.077	0.6042	0.670011	527.5517	1704.447	54.1078	0.385114	2.0169	0.53293039	478.196875	1031.23287	0.30509882	2.12550221	0.40616086	2	1
1532.23	864.23	0.601312	0.643342	531.8313	1714.552	55.7415	0.384561	2.01312	0.53007247	482.496951	1041.73651	0.30458101	2.12167673	0.40560246	2	1
1532.382	864.382	0.627579	0.632609	535.9042	1732.478	57.8042	0.397306	2.02099	0.55636936	486.590193	1060.0584	0.31736098	2.12950155	0.41858284	2	1
1532.534	864.534	0.589709	0.6409922	536.9216	1736.784	57.92703	0.3743372	2.0262	0.51852925	487.627934	1064.76014	0.29442713	2.13466637	0.39518418	2	1
1532.687	864.687	0.600474	0.648794	535.7302	1727.027	60.3403	0.379589	2.02909	0.52932433	486.457008	1055.40134	0.29971412	2.1375109	0.40054859	2	1
1532.839	864.839	0.5678	0.6543993	531.49	1698.005	59.06221	0.360692	2.0312	0.49668021	482.237148	1026.77479	0.28085207	2.13957572	0.38124724	4	1
1532.992	864.992	0.531744	0.664783	526.856	1669.002	60.4467	0.338265	2.04076	0.46065429	477.623621	998.169692	0.25846025	2.14909025	0.35825404	1	1
1533.144	865.144	0.505043	0.6757017	522.7273	1648.034	61.8906	0.3184691	2.05897	0.43398317	473.515259	977.59685	0.2386993	2.16725508	0.33787681	6	1
1533.296	865.296	0.481105	0.700659	520.512	1628.284	63.6381	0.303667	2.0665	0.41007505	471.320296	958.241862	0.22393214	2.17473992	0.32258774	4	1
1533.449	865.449	0.487185	0.7418329	518.8448	1598.664	64.54235	0.3082868	2.06181	0.41618512	469.673567	929.019327	0.22858712	2.17000445	0.32737148	4	1
1533.601	865.601	0.4726	0.742898	516.5737	1568.996	60.4856	0.301829	2.0589	0.40163	467.422803	899.746048	0.22216425	2.16704929	0.32069573	4	1
1533.754	865.754	0.521504	0.7431047	513.0062	1554.139	60.16459	0.3254029	2.06498	0.45056407	463.875772	885.286219	0.24577332	2.17308383	0.34504594	6	1
1533.906	865.906	0.49674	0.748991	510.0755	1549.074	60.9027	0.309092	2.07508	0.42582994	460.965406	880.615649	0.22949735	2.18313867	0.32821949	4	1

1534.058	866.058	0.523032	0.764188	508.6971	1549.311	62.0888	0.321773	2.08	0.45215181	459.60734	881.246934	0.24221328	2.18801351	0.34131536	4	1
1534.211	866.211	0.543036	0.7790745	508.2212	1554.299	61.08273	0.3335508	2.07761	0.47218588	459.151907	886.631667	0.25402624	2.18557806	0.35344885	6	1
1534.363	866.363	0.5482	0.777301	508.7561	1569.232	58.7442	0.336984	2.0757	0.47737975	459.707139	901.958662	0.25749436	2.18362291	0.3569841	1	1
1534.516	866.516	0.547901	0.7632129	509.9442	1598.116	58.32677	0.3359087	2.07889	0.47711081	460.915704	931.239102	0.25645421	2.18676746	0.35588391	1	1
1534.668	866.668	0.538408	0.751909	513.469	1623.036	57.4203	0.330508	2.0792	0.46764767	464.460835	956.552806	0.25108843	2.18703231	0.35033376	1	1
1534.82	866.82	0.530153	0.7446116	518.1293	1629.485	59.35775	0.3262402	2.07809	0.45942254	469.141465	963.395366	0.24685555	2.18587716	0.34594479	6	1
1534.973	866.973	0.500794	0.744101	521.8116	1619.032	60.7916	0.312803	2.07003	0.4300936	472.844228	953.338369	0.23345349	2.17777172	0.33209038	4	1
1535.125	867.125	0.5358	0.7382005	522.4811	1619.239	61.28595	0.333221	2.0649	0.46512946	473.534057	953.938639	0.2539064	2.17259658	0.3531407	6	1
1535.278	867.278	0.531418	0.727617	521.1749	1632.79	62.4654	0.330676	2.0654	0.46077751	472.248318	967.88535	0.25139653	2.17305114	0.35052741	6	1
1535.43	867.43	0.505142	0.7190194	521.5261	1650.834	62.30399	0.3134318	2.07548	0.43453137	472.619845	986.32233	0.23418724	2.183086	0.33275539	6	1
1535.582	867.582	0.494747	0.725789	523.853	1666.029	63.9137	0.308225	2.07449	0.42416623	474.967072	1001.91017	0.22901534	2.18205086	0.3273805	6	1
1535.735	867.735	0.553459	0.734593	524.9261	1675.543	64.1146	0.343571	2.06293	0.48290828	476.060631	1011.81944	0.26439647	2.17044543	0.36379704	1	1
1535.887	867.887	0.5422	0.703948	522.7207	1654.086	62.7901	0.341338	2.0493	0.47167913	473.875556	990.754987	0.26219836	2.1567703	0.36150936	6	1
1536.04	868.04	0.452957	0.658535	518.6183	1601.431	62.4358	0.296181	2.04711	0.38246618	469.793614	938.49497	0.21707648	2.15453487	0.31492852	4	1
1536.192	868.192	0.410767	0.6825168	517.1119	1546.885	57.29971	0.2738312	2.05549	0.34030603	468.307537	884.341228	0.19476157	2.16286974	0.29170898	4	1
1536.344	868.344	0.418497	0.755838	519.8031	1536.469	56.813	0.275277	2.061	0.34806588	471.01906	874.317341	0.19624226	2.16833461	0.29322026	4	1
1536.497	868.497	0.479254	0.7932281	524.9163	1570.702	55.93003	0.30552	2.05791	0.40885292	476.152716	908.944889	0.22652037	2.16519919	0.32461443	4	1
1536.649	868.649	0.5066	0.779711	530.4168	1640.597	59.4614	0.322989	2.0472	0.43622876	481.673537	979.231714	0.24402425	2.15444407	0.34265713	6	1
1536.802	868.802	0.550922	0.7481949	534.5192	1710.61	62.52295	0.348489	2.04122	0.4805808	485.796391	1049.63897	0.26955936	2.14841865	0.36887959	4	1
1536.954	868.954	0.535825	0.683599	537.5746	1777.378	60.9561	0.341016	2.0389	0.46551365	488.872111	1116.79851	0.26212123	2.14605353	0.36121485	4	1
1537.106	869.106	0.534332	0.6375552	539.2517	1824.549	60.98749	0.3404411	2.0382	0.46405049	490.56953	1164.3609	0.2615812	2.14530841	0.36062951	4	1
1537.259	869.259	0.554137	0.618131	540.2593	1852.225	60.4769	0.351768	2.03611	0.48388552	491.597582	1192.43072	0.2729432	2.143173	0.37225707	1	1
1537.411	869.411	0.5716	0.5969172	540.5612	1876.062	65.04615	0.358488	2.0462	0.50137836	491.9198	1216.65883	0.27969806	2.15321789	0.37914601	1	1
1537.564	869.564	0.564927	0.577431	541.7493	1886.643	66.6087	0.352259	2.05497	0.4947354	493.12835	1227.63336	0.27350416	2.16194248	0.37277065	1	1
1537.716	869.716	0.554708	0.567508	544.6768	1892.169	67.6746	0.34678	2.0542	0.48454623	496.076166	1233.55018	0.26806002	2.16112737	0.36715747	3	1
1537.868	869.868	0.573593	0.566302	547.9652	1892.169	68.9915	0.361784	2.03859	0.50346106	499.384882	1233.94086	0.28309887	2.14547227	0.38253472	1	1
1538.021	870.021	0.565021	0.567699	552.9012	1884.316	68.8525	0.362327	2.02054	0.49491909	504.34133	1226.48096	0.28367696	2.12737686	0.38309543	2	1
1538.173	870.173	0.5574	0.5651988	559.3568	1872.484	69.81342	0.3627992	2.0054	0.48732792	510.817244	1215.03934	0.28418401	2.11219176	0.38358362	2	1
1538.326	870.326	0.581902	0.558705	564.4109	1845.143	70.2071	0.38295	1.98229	0.51185995	515.89179	1188.09115	0.30436988	2.08903636	0.4041658	2	1
1538.478	870.478	0.567324	0.5628204	562.1069	1786.652	73.79128	0.3841631	1.95365	0.49731178	513.608103	1129.99025	0.30561783	2.06035127	0.40540741	2	1
1538.63	870.63	0.565636	0.598071	550.978	1670.341	74.1467	0.386857	1.94252	0.4956536	502.499515	1014.06921	0.30834657	2.04917617	0.40815745	2	1
1538.783	870.783	0.463346	0.6444623	534.575	1533.17	72.06246	0.3334646	1.95557	0.39339362	486.116959	877.290588	0.25498924	2.06218078	0.35351552	6	1
1538.935	870.935	0.472692	0.695515	523.0292	1424.562	63.5336	0.325468	1.98967	0.40276945	474.591469	769.072259	0.24702748	2.09623569	0.34528933	4	1
1539.088	871.088	0.464433	0.7719055	519.9869	1398.441	57.07887	0.3125622	2.0156	0.39454046	471.569612	743.343348	0.23415674	2.1221203	0.33198201	4	1
1539.24	871.24	0.54497	0.816327	523.7873	1430.981	53.2981	0.350247	2.02469	0.47510728	475.390321	776.272733	0.27187637	2.13116521	0.37076485	1	1
1539.392	871.392	0.583915	0.7858195	527.9127	1504.621	53.96646	0.3692922	2.03251	0.5140821	479.536029	850.301974	0.2909564	2.13894012	0.39026293	1	1
1539.545	871.545	0.59327	0.751055	529.8752	1550.23	54.925	0.372084	2.04137	0.52346712	481.51897	896.302632	0.29378325	2.14775474	0.39311997	1	1
1539.697	871.697	0.538	0.735213	529.7604	1585.822	52.6159	0.337443	2.0547	0.46822693	481.424477	932.283588	0.25917707	2.16103966	0.3576369	1	1
1539.85	871.85	0.488498	0.719325	529.8786	1590.814	54.3743	0.310545	2.05689	0.41875494	481.563116	937.666959	0.23231412	2.16318428	0.32992401	6	1
1540.002	872.002	0.493396	0.70641	530.1181	1594.65	54.626	0.314436	2.0526	0.42368275	481.822921	941.891628	0.23623994	2.15884921	0.33394816	6	1
1540.154	872.154	0.513198	0.6972122	529.1631	1588.464	57.59221	0.3262518	2.0478	0.44351457	480.888225	936.094156	0.24809055	2.15400413	0.34613811	6	1
1540.307	872.307	0.510307	0.693603	526.3669	1607.02	56.7254	0.323459	2.05189	0.44065357	478.112463	955.041096	0.24533279	2.15804876	0.34326592	6	1
1540.459	872.459	0.4857	0.6953053	524.6308	1600.502	55.17909	0.3088879	2.0576	0.41607638	476.396665	948.911338	0.2307965	2.16371369	0.32823217	6	1
1540.612	872.612	0.502831	0.705792	524.9261	1600.384	52.5452	0.313721	2.07055	0.43323738	476.712401	949.183992	0.23566463	2.17661832	0.33323065	6	1
1540.764	872.764	0.548626	0.720659	527.5484	1599.786	49.98817	0.3365633	2.07809	0.47906219	479.355003	948.973949	0.25854173	2.18411325	0.35676887	1	1
1540.916	872.916	0.581605	0.699733	529.4026	1612.094	51.2023	0.356992	2.07209	0.51207099	481.229503	961.669764	0.27900523	2.17806819	0.37773266	1	1
1541.069	873.069	0.587885	0.6526495	529.3436	1632.675	52.41891	0.3634146	2.06172	0.51838099	481.190937	982.640988	0.28546286	2.16765283	0.38431078	1	1
1541.221	873.221	0.5779	0.623945	527.194	1643.584	54.4238	0.360375	2.0521	0.50842579	479.061636	993.937518	0.28245805	2.15798777	0.38120609	1	1
1541.374	873.374	0.57282	0.6294996	526.4227	1648.458	53.02643	0.3566226	2.05519	0.50337578	478.310768	999.201455	0.27874067	2.16103241	0.37736983	1	1
1541.526	873.526	0.544745	0.640283	527.0758	1649.55	54.9339	0.338654	2.06319	0.47533058	478.984166	1000.6807	0.26080686	2.16898735	0.3589433	1	1
1541.678	873.678	0.529326	0.656587	528.9859	1650.505	55.3981	0.328584	2.0686	0.45994138	480.914563	1002.02281	0.25077164	2.1743523	0.34859143	1	1
1541.831	873.831	0.545349	0.66898	529.9968	1650.745	58.3652	0.336762	2.07089	0.47599437	481.945892	1002.65232	0.25898465	2.17659695	0.35700924	1	1
1541.983	873.983	0.5362	0.684388	529.4617	1650.266	58.1411	0.332299	2.0688	0.46687516	481.431088	1002.56014	0.25455643	2.17446189	0.35242501	1	1
1542.135	874.135	0.585901	0.6917887	527.0856	1650.742	60.07739	0.3619282	2.06302	0.51660595	479.075283	1003.42282	0.2842204	2.16863684	0.38282618	4	1
1542.288	874.288	0.593894	0.692699	525.763	1652.416	58.5669	0.368453	2.05591	0.52462894	477.77311	1005.4859	0.2907802	2.1614815	0.38950291	4	1
1542.44	874.44	0.609064	0.6906963	525.1066	1658.516	58.11014	0.3802488	2.04459	0.53982873	477.137004	1011.97229	0.30261077	2.15011646	0.4015499	2	1
1542.593	874.593	0.586654	0.682407	525.1066	1667.073	56.534	0.369948	2.03562	0.51744871	477.15743	1020.91809	0.29234497	2.14110112	0.39104072	4	1
1542.745	874.745	0.5507	0.6690173	525.1066	1682.609	58.39627	0.3486117	2.0404	0.4815245	477.177722	1036.8402	0.27104343	2.14583607	0.36920639	4	1

1542.898	874.898	0.541337	0.664407	524.7489	1690.453	59.4871	0.34079	2.04956	0.47219148	476.840446	1045.07271	0.26325672	2.15495074	0.361184	1	1
1543.05	875.05	0.535409	0.6749873	523.7348	1690.962	59.76955	0.3352791	2.05729	0.46629326	475.846637	1045.96754	0.25778058	2.1626357	0.35552605	1	1
1543.202	875.202	0.57597	0.680391	521.7033	1682.835	60.0784	0.356634	2.0616	0.50688404	473.835426	1038.22623	0.27917024	2.16690067	0.37744314	4	1
1543.355	875.355	0.538789	0.6826029	519.5045	1665.944	63.21207	0.3350708	2.06419	0.46973302	471.657049	1021.72331	0.25764202	2.16944534	0.35532221	6	1
1543.507	875.507	0.5328	0.689988	518.2441	1661.007	62.5553	0.331018	2.0668	0.4637738	470.416937	1017.17172	0.25362397	2.1720103	0.35115862	6	1
1543.66	875.66	0.506804	0.695995	517.3515	1670.161	63.5566	0.32001	2.05704	0.43780777	469.544758	1026.71352	0.24265094	2.16220498	0.33982411	6	1
1543.812	875.812	0.504104	0.704187	518.2441	1696.291	59.9322	0.32118	2.04881	0.43513754	470.457644	1053.22864	0.24385568	2.15392995	0.34103571	6	1
1543.964	875.964	0.473777	0.709895	519.1434	1718.651	60.5086	0.30759	2.04329	0.40484032	471.37723	1075.97362	0.23030042	2.14836493	0.32700972	6	1
1544.117	876.117	0.521884	0.7090937	520.6268	1719.961	60.5531	0.3333935	2.03961	0.45297729	472.881049	1077.671	0.25613889	2.14463961	0.35362311	1	1
1544.269	876.269	0.5499	0.700107	521.2275	1706.597	61.5558	0.347677	2.0421	0.48102306	473.502034	1064.6917	0.27045713	2.14708459	0.36829915	4	1
1544.422	876.422	0.563346	0.6910099	521.5261	1697.443	60.12791	0.3521443	2.05226	0.49449902	473.821051	1055.92479	0.27495939	2.15719927	0.37288469	4	1
1544.574	876.574	0.560602	0.686004	521.8839	1693.472	58.2758	0.348717	2.05889	0.49178479	474.199134	1052.3382	0.27156681	2.16378425	0.3693761	4	1
1544.726	876.726	0.538989	0.6913946	522.6025	1693.469	56.71808	0.3365962	2.05939	0.47020156	474.938016	1052.71948	0.25948074	2.16423924	0.35693675	1	1
1544.879	876.879	0.532022	0.695893	524.0269	1693.708	57.5678	0.33557	2.05013	0.46326452	476.382831	1053.34515	0.25848949	2.15493393	0.355887	1	1
1545.031	877.031	0.547	0.6979992	524.3912	1694.184	58.15009	0.3449329	2.046	0.47827228	476.767412	1054.20515	0.26788711	2.15075892	0.36550942	4	1
1545.184	877.184	0.533753	0.700796	523.738	1694.9	57.2638	0.339808	2.03923	0.46505524	476.134626	1055.30753	0.26279716	2.14394361	0.36025257	1	1
1545.336	877.336	0.55237	0.6998972	521.7099	1694.9	59.32124	0.3508608	2.03591	0.483702	474.126805	1055.69124	0.27388467	2.14057861	0.37159989	4	1
1545.488	877.488	0.54689	0.695208	519.7965	1694.184	59.1246	0.346898	2.03921	0.47825176	472.233684	1055.35882	0.26995658	2.1438336	0.36754116	4	1
1545.641	877.641	0.534131	0.711986	519.1401	1693.708	61.572	0.337627	2.04708	0.46552271	471.597695	1055.26878	0.26072052	2.1516583	0.3580271	4	1
1545.793	877.793	0.5234	0.731369	519.4388	1693.469	59.369	0.329669	2.0543	0.45482147	471.916672	1055.41307	0.25279723	2.1588333	0.34984768	1	1
1545.946	877.946	0.527982	0.7308	520.6268	1693.945	61.0398	0.330542	2.05958	0.45943342	473.125082	1056.27475	0.25370516	2.16406801	0.35075133	6	1
1546.098	878.098	0.531095	0.7197127	521.2275	1690.492	60.72787	0.3301139	2.06669	0.46257617	473.746058	1053.20476	0.25331176	2.17113301	0.35031589	1	1
1546.25	878.25	0.524695	0.713105	521.2275	1683.298	63.0608	0.32502	2.07209	0.45620592	473.766333	1046.39364	0.24825256	2.17648802	0.34507589	6	1
1546.403	878.403	0.521508	0.7158986	520.6334	1666.419	60.48568	0.324542	2.06791	0.45304887	473.19264	1029.89989	0.24780948	2.17226273	0.3445886	6	1
1546.555	878.555	0.5312	0.719197	519.4388	1657.309	61.2094	0.332103	2.0602	0.46277062	472.018314	1021.17249	0.25540517	2.16450774	0.35237807	6	1
1546.708	878.708	0.5312	0.7206048	518.8448	1652.911	60.56358	0.3339888	2.05393	0.46280056	471.44472	1017.15946	0.25732589	2.15819245	0.35432294	1	1
1546.86	878.86	0.546076	0.729186	518.4247	1652.179	62.163	0.342482	2.0526	0.4777063	471.044892	1016.80978	0.26585377	2.15681747	0.36305529	4	1
1547.012	879.012	0.539091	0.7370836	518.3032	1651.943	61.84192	0.3404579	2.04659	0.47075105	470.943663	1016.95595	0.26386435	2.15076248	0.36098183	1	1
1547.165	879.165	0.533717	0.732807	517.9489	1655.865	60.6233	0.340368	2.03733	0.46540699	470.609767	1021.2625	0.26380936	2.1414572	0.36089465	1	1
1547.317	879.317	0.4953	0.728607	518.0669	1664.47	60.3795	0.32289	2.0295	0.42701973	470.748037	1030.2494	0.24636604	2.13358222	0.34291719	6	1
1547.47	879.47	0.533846	0.732494	518.1851	1681.585	59.0428	0.34235	2.03109	0.46559566	470.886639	1047.74867	0.26586094	2.13512695	0.36294033	1	1
1547.622	879.622	0.506322	0.735398	519.3174	1690.955	59.8322	0.324875	2.04079	0.4381014	472.039208	1057.50028	0.24842061	2.14478197	0.34497293	6	1
1547.774	879.774	0.530003	0.7418895	520.9912	1695.855	59.27838	0.3350989	2.0481	0.46181214	473.733275	1062.78176	0.25867918	2.152047	0.35550043	1	1
1547.927	879.927	0.533791	0.7413	522.7765	1696.928	61.3721	0.337468	2.047	0.46563007	475.538976	1064.23861	0.26108317	2.15090173	0.35794086	4	1
1548.079	880.079	0.5441	0.7366031	523.0784	1698.005	60.65688	0.3431087	2.0468	0.4759688	475.861142	1065.69681	0.26675853	2.15065676	0.36373978	4	1
1548.232	880.232	0.528961	0.731704	522.1857	1698.957	62.1325	0.332819	2.05377	0.46085973	474.988841	1067.03238	0.25650372	2.15758149	0.35317126	1	1
1548.384	880.384	0.565441	0.7323004	519.6816	1693.357	59.83062	0.3498982	2.06438	0.49736946	472.505005	1061.8133	0.27361758	2.16814653	0.37071566	4	1
1548.536	880.536	0.588727	0.734097	518.2441	1684.148	62.7303	0.362612	2.06649	0.52068519	471.087769	1052.98508	0.28636603	2.17021156	0.38374096	2	1
1548.689	880.689	0.62212	0.7353941	517.7092	1669.636	63.30025	0.3843266	2.05792	0.55410811	470.573266	1038.85623	0.30811551	2.16159631	0.40591644	2	1
1548.841	880.841	0.5828	0.730508	519.081	1668.884	64.9791	0.365135	2.045	0.51481784	471.965328	1038.48473	0.28895856	2.14863134	0.38633146	2	1
1548.994	880.994	0.545947	0.7348965	520.5054	1680.89	65.19038	0.3483524	2.03255	0.47799476	473.410123	1050.8736	0.27221083	2.13613609	0.36915107	1	1
1549.146	881.146	0.457043	0.739293	522.1792	1689.754	66.6527	0.306438	2.02311	0.38912048	475.104184	1060.11783	0.23033107	2.12665113	0.32599454	6	1
1549.298	881.298	0.492697	0.728808	522.7175	1695.025	65.2257	0.324085	2.02192	0.4248042	475.662745	1065.76891	0.24801271	2.12541618	0.34421565	6	1
1549.451	881.451	0.553405	0.719016	521.1749	1697.161	62.7272	0.352244	2.03316	0.48554212	474.140538	1068.28736	0.27620658	2.13661093	0.37315614	4	1
1549.603	881.603	0.5596	0.727193	519.1992	1693.587	59.8679	0.351723	2.0465	0.49176684	472.185096	1065.09317	0.27572021	2.14990598	0.37262728	4	1
1549.755	881.755	0.517568	0.7330933	517.893	1683.722	60.2573	0.3250565	2.05915	0.44976455	470.899155	1055.60785	0.24908834	2.16251103	0.34523201	6	1
1549.908	881.908	0.490721	0.735898	518.9597	1658.641	57.0129	0.30939	2.0641	0.42294746	471.986245	1030.90888	0.2334567	2.16741579	0.32907219	6	1
1550.06	882.06	0.544906	0.7282025	520.8106	1637.847	57.10687	0.3396499	2.06009	0.47716218	473.857402	1010.49427	0.26375122	2.16336085	0.3602546	1	1
1550.213	882.213	0.552282	0.716409	522.7732	1624.401	56.5734	0.346974	2.04893	0.48456809	475.840391	997.430023	0.27111017	2.15215561	0.36777824	1	1
1550.365	882.365	0.5479	0.6995138	523.3771	1638.093	58.57526	0.3486796	2.0351	0.4802158	476.464546	1011.50114	0.27285039	2.13828067	0.36953273	1	1
1550.518	882.518	0.556067	0.683226	522.783	1681.24	59.0265	0.354392	2.03082	0.4884127	475.890834	1055.02961	0.27859763	2.13395544	0.3753929	4	1
1550.67	882.67	0.529343	0.6828209	520.9912	1716.088	60.42204	0.3404301	2.0296	0.46171841	474.119288	1090.25646	0.26467035	2.1326905	0.36107654	4	1
1550.822	882.822	0.542075	0.708059	518.8414	1721.982	60.3419	0.345494	2.03522	0.47448012	471.989741	1096.52916	0.26976886	2.13826557	0.36628028	4	1
1550.975	882.975	0.511374	0.7230892	517.7683	1708.776	60.64988	0.3226913	2.05615	0.44380902	470.937026	1083.70422	0.24700099	2.15915034	0.34283607	6	1
1551.127	883.127	0.5091	0.739773	517.3482	1699.436	60.4918	0.315552	2.0755	0.44156472	470.537178	1074.74264	0.23989629	2.17845541	0.33547769	6	1
1551.28	883.28	0.535793	0.748893	517.3482	1713.938	60.6941	0.323504	2.09871	0.46828762	470.557562	1089.62542	0.24788312	2.20162019	0.34368392	1	1
1551.432	883.432	0.569047	0.726935	517.171	1708.516	61.2907	0.345369	2.08832	0.50157132	470.400612	1084.58157	0.26978272	2.19118526	0.36617252	4	1
1551.584	883.584	0.570882	0.718107	516.5704	1679.475	59.9942	0.352007	2.06785	0.50343602	469.820261	1055.91859	0.27645532	2.17067034	0.3729849	4	1

1551.737	883.737	0.559437	0.7119052	515.2642	1659.76	61.05427	0.3541407	2.0379	0.49202091	468.534443	1036.58395	0.27862384	2.14067512	0.37517638	4	1
1551.889	883.889	0.5455	0.706005	513.7086	1650.029	59.2689	0.349978	2.0265	0.47811361	466.999091	1027.23069	0.27449573	2.1292302	0.37091529	4	1
1552.042	884.042	0.578468	0.696802	512.0446	1649.908	62.02353	0.3677513	2.0273	0.5111115	465.355471	1027.48977	0.29230384	2.12998499	0.38911315	2	1
1552.194	884.194	0.593588	0.680713	510.0099	1644.306	62.9258	0.37312	2.03829	0.52626119	463.341017	1022.26524	0.29770713	2.14093007	0.39460234	2	1
1552.346	884.346	0.565674	0.6728334	506.124	1633.761	64.55074	0.3539058	2.05062	0.49837688	459.475363	1012.09756	0.27852751	2.15321516	0.37495616	4	1
1552.499	884.499	0.549452	0.698857	501.1946	1610.006	63.6064	0.341186	2.06346	0.48218477	454.566341	988.722234	0.26584251	2.16600995	0.3619144	6	1
1552.651	884.651	0.4977	0.7406599	494.7949	1585.464	64.43326	0.310258	2.0729	0.43046246	448.186885	964.557286	0.23494909	2.17540504	0.33006204	4	1
1552.804	884.804	0.459154	0.777639	488.1392	1550.637	63.3883	0.286552	2.08485	0.39194634	441.551562	930.109679	0.21127789	2.18730984	0.30550977	4	1
1552.956	884.956	0.436336	0.798393	481.2012	1516.065	63.6399	0.2724068	2.09329	0.36915803	434.633805	895.914456	0.19716726	2.19570493	0.29079924	4	1
1553.108	885.108	0.420281	0.832844	476.472	1496.308	64.0094	0.263442	2.0969	0.35313271	429.924847	876.534095	0.18823703	2.19927003	0.28145239	4	1
1553.261	885.261	0.396856	0.866473	473.6167	1486.554	64.8531	0.254198	2.09251	0.32973759	427.089921	867.159075	0.17902782	2.19483483	0.27179252	4	1
1553.413	885.413	0.4504	0.902641	474.8047	1511.112	64.7708	0.282718	2.0832	0.38331127	428.298162	892.09344	0.20758238	2.18547993	0.30154663	4	1
1553.566	885.566	0.490838	0.873623	479.6193	1545.228	62.3826	0.307597	2.06995	0.42377915	433.133135	926.588143	0.23249616	2.17218474	0.32734267	4	1
1553.718	885.718	0.561287	0.8425364	489.0483	1575.865	62.81946	0.3500086	2.05572	0.49425783	442.582374	957.601235	0.27494232	2.15790984	0.37100805	4	1
1553.87	885.87	0.567754	0.827012	498.743	1582.835	63.392	0.354459	2.0528	0.5007545	452.297312	964.947189	0.27942727	2.15494495	0.37557399	4	1
1554.023	886.023	0.538869	0.8136132	505.4579	1580.814	61.74438	0.3380101	2.0544	0.47189937	459.032583	963.30448	0.26301315	2.15649976	0.35870322	6	1
1554.175	886.175	0.5481	0.803908	507.8011	1593.459	60.968	0.340683	2.0626	0.48116005	461.39602	976.325161	0.2657206	2.16465487	0.36145416	1	1
1554.328	886.328	0.559355	0.7985124	505.6613	1608.792	61.92717	0.346229	2.06519	0.49244491	459.276589	992.036176	0.27130137	2.16719969	0.36715219	4	1
1554.48	886.48	0.557902	0.802793	501.9002	1597.535	64.5076	0.346319	2.06201	0.49102159	455.535724	981.154583	0.27142591	2.16397481	0.36724963	6	1
1554.632	886.632	0.560313	0.7956054	497.7092	1551.671	64.43021	0.3509748	2.05048	0.49346226	451.364959	935.665855	0.27611625	2.15239992	0.37202919	6	1
1554.785	886.785	0.568175	0.787413	492.1857	1538.723	63.1885	0.359448	2.03625	0.50135412	445.861826	923.095457	0.28462421	2.13812475	0.38071302	4	1
1554.937	886.937	0.5821	0.7864025	489.0056	1550.256	62.81871	0.3704363	2.0249	0.51530879	442.701959	935.003456	0.29564704	2.12672987	0.39195328	4	1
1555.09	887.09	0.536981	0.787099	488.4116	1573.318	62.9622	0.343323	2.03337	0.47021965	442.128325	958.442784	0.2685685	2.13515469	0.36419555	6	1
1555.242	887.242	0.485441	0.792895	493.8924	1573.65	62.7359	0.310959	2.05079	0.41870931	447.629357	959.149509	0.23623902	2.15252982	0.33087389	4	1
1555.394	887.394	0.463891	0.800488	499.9901	1551.07	64.6194	0.290232	2.08091	0.39718897	453.747288	936.944099	0.21554655	2.18260495	0.30941828	4	1
1555.547	887.547	0.452228	0.815488	505.343	1519.784	66.0297	0.279163	2.09676	0.38555583	459.120551	906.035016	0.20451229	2.19840978	0.29792217	4	1
1555.699	887.699	0.457	0.8409752	509.534	1499.419	64.9116	0.2808362	2.0991	0.39035749	463.331781	886.044333	0.20622001	2.20070491	0.29966776	4	1
1555.852	887.852	0.473434	0.861383	509.1172	1484.68	63.036	0.288592	2.10149	0.40682134	462.935342	871.681976	0.21401055	2.20304975	0.3077316	4	1
1556.004	888.004	0.465313	0.9013706	513.2261	1452.809	60.92217	0.2845469	2.1008	0.39872999	467.064471	840.185021	0.20999997	2.20231488	0.30353549	4	1
1556.156	888.156	0.435823	0.946863	511.8477	1401.887	63.1377	0.259506	2.13166	0.36926965	465.706298	789.63693	0.18499357	2.23313002	0.27744404	4	1
1556.309	888.309	0.388015	0.9646219	504.7161	1308.103	64.7758	0.2234425	2.16841	0.3214915	458.595058	696.229162	0.14896481	2.26983486	0.23956986	7	2
1556.461	888.461	0.366118	1.03029	492.7141	1219.396	70.6386	0.204124	2.19408	0.29962415	446.613283	607.8958	0.12968081	2.29546	0.2191216	7	2
1556.614	888.614	0.344985	1.200806	486.7017	1146.698	80.57005	0.1957519	2.19002	0.27852099	440.621242	535.573759	0.12134344	2.29135485	0.21022381	4	1
1556.766	888.766	0.349792	1.47272	480.3052	1105.536	88.2333	0.200647	2.18241	0.28335764	434.244966	494.785125	0.12627304	2.2837	0.21543765	4	1
1556.918	888.918	0.348378	1.725868	474.4372	1062.173	87.86807	0.1927151	2.20277	0.28197329	428.39719	451.795356	0.11837563	2.30401514	0.20699881	4	1
1557.071	889.071	0.334644	1.73598	468.7955	1002.314	84.2111	0.170419	2.24835	0.26826913	422.775846	392.311905	0.09611425	2.34955	0.18314086	4	1
1557.223	889.223	0.3477	1.68454	462.8093	965.4808	81.0772	0.170652	2.2676	0.28135478	416.809868	355.851665	0.09638174	2.36875515	0.18339661	4	1
1557.376	889.376	0.35527	1.66823	456.9577	967.066	79.7386	0.176581	2.26133	0.28895461	410.978623	357.812142	0.10234545	2.36244001	0.18976639	7	2
1557.528	889.528	0.387274	1.63752	442.4483	965.4513	73.9615	0.195722	2.2552	0.32098825	396.489443	356.57013	0.12152093	2.35626516	0.21022376	7	2
1557.68	889.68	0.420216	1.810958	436.659	975.6842	67.31236	0.2169357	2.24609	0.35395989	390.720363	367.175584	0.14276911	2.34711032	0.23274167	7	2
1557.833	889.833	0.439853	2.00574	437.5845	995.4152	61.5195	0.230327	2.23862	0.37362673	391.666216	387.281452	0.15619512	2.33959518	0.24688264	7	2
1557.985	889.985	0.4129	1.970144	442.77	1023.745	56.94967	0.2226844	2.2113	0.34670336	396.871934	415.983535	0.14858699	2.31223034	0.23882728	7	2
1558.138	890.138	0.381202	1.95002	446.0781	1044.335	56.785	0.210701	2.19655	0.31503519	400.200385	436.948131	0.13663829	2.29743521	0.22615682	7	2
1558.29	890.29	0.389387	1.892295	443.2261	1052.37	56.00727	0.2185608	2.18522	0.32324983	397.368602	445.355144	0.14453256	2.28606038	0.23448116	7	2
1558.442	890.442	0.448898	1.89859	438.4575	1044.109	56.4739	0.251989	2.17891	0.38279046	392.620219	437.466022	0.17799523	2.27970554	0.26965686	7	2
1558.595	890.595	0.446705	1.877131	433.8201	1032.576	54.07096	0.2461138	2.19496	0.38062729	388.003167	426.307211	0.17215472	2.29571042	0.26350407	7	2
1558.747	890.747	0.3879	1.8783	430.3184	1026.626	52.6417	0.185939	2.292	0.32185192	384.521682	420.728819	0.11201438	2.39270559	0.19983068	7	2
1558.9	890.9	0.326048	1.833957	429.6849	1030.24	50.7942	0.1210567	2.40823	0.26002974	383.908529	424.716736	0.04716676	2.50889047	0.12898719	7	2
1559.052	891.052	0.308927	1.81803	424.8408	1043.476	49.5502	0.100727	2.46731	0.24293836	379.084643	438.324074	0.02687151	2.56792564	0.1052451	7	2
1559.204	891.204	0.32095	1.77883	417.7683	1054.388	46.8726	0.111928	2.44282	0.25499099	372.032356	449.607278	0.03810697	2.54339082	0.1183352	7	2
1559.357	891.357	0.3523	2.00801	408.7561	1051.838	45.728	0.141061	2.39226	0.28637081	363.040501	447.430789	0.06727464	2.4927857	0.15147415	7	2
1559.509	891.509	0.3319	2.06985	405.0115	1041.959	44.5863	0.130451	2.381	0.26600043	359.316112	437.922724	0.05669909	2.48148088	0.13990032	7	2
1559.661	891.661	0.297438	2.171576	408.51	1029.77	44.02029	0.09594911	2.44415	0.23156805	362.834822	426.104524	0.02223164	2.54458607	0.09968708	7	2
1559.814	891.814	0.23545	1.87722	422.9767	1018.818	42.752	0.0465355	2.52543	0.16960986	377.321865	415.525629	-0.0271473	2.62582096	0.04197103	7	2
1559.966	891.966	0.219158	1.837252	445.3036	1005.862	42.10178	0.03867798	2.55122	0.15334748	399.668974	402.940161	-0.03497039	2.65156615	0.03279815	7	2
1560.119	892.119	0.255313	1.82691	469.639	1011.014	40.8309	0.0698476	2.43957	0.18953229	424.024715	408.464995	-0.00376611	2.53987104	0.06921438	7	2
1560.271	892.271	0.3267	1.634075	489.1205	1047.729	39.73705	0.138252	2.3379	0.26094891	443.526423	445.550257	0.06467273	2.43815623	0.14844698	7	2
1560.424	892.424	0.358473	1.38617	501.7296	1128.937	38.8035	0.154447	2.34776	0.29275172	456.155863	527.130821	0.08090238	2.44797113	0.16603719	7	2

1560.576	892.576	0.337334	1.169229	505.1723	1233.193	40.64009	0.1279714	2.4107	0.27164233	459.618769	631.756815	0.05446121	2.51086633	0.13712836	7	2
1560.728	892.728	0.387864	1.06047	505.425	1344.949	41.8821	0.159648	2.42524	0.32220194	459.891674	743.882676	0.08617223	2.52536152	0.17166823	7	2
1560.881	892.881	0.467409	0.9825444	515.9501	1445.189	45.73173	0.2246357	2.34609	0.40177674	470.437112	844.494835	0.15119458	2.44616643	0.24098669	7	2
1561.033	893.033	0.5237	0.892538	519.4978	1531.756	54.7574	0.280395	2.2434	0.45809735	474.005016	931.431428	0.20698829	2.34343163	0.29938996	5	1
1561.186	893.186	0.532565	0.754701	524.4305	1591.191	60.5354	0.30705	2.15296	0.46699215	478.958052	991.238317	0.23367793	2.25294654	0.3270344	6	1
1561.338	893.338	0.541685	0.669329	524.9261	1629.081	65.9573	0.326269	2.10078	0.47614175	479.473855	1029.49764	0.25293134	2.20072174	0.3468709	6	1
1561.49	893.49	0.554863	0.683289	526.0617	1643.597	62.3697	0.337649	2.08678	0.48934935	480.629656	1044.38283	0.26434575	2.18667695	0.35858267	4	1
1561.643	893.643	0.532055	0.6984761	525.2872	1652.514	63.74029	0.3286055	2.07363	0.46657115	479.87549	1053.67132	0.25533688	2.17348186	0.34928683	1	1
1561.795	893.795	0.5313	0.699899	524.6308	1668.047	63.3563	0.333024	2.0573	0.46584575	479.239291	1069.57324	0.25978979	2.15710708	0.35383826	1	1
1561.948	893.948	0.501221	0.6888286	523.7972	1697.407	67.78038	0.3194335	2.04963	0.43579654	478.426023	1099.30446	0.24623391	2.14939199	0.339847	1	1
1562.1	894.1	0.52618	0.702289	524.3912	1721.733	66.2606	0.331345	2.0537	0.46078514	479.040222	1123.99911	0.25817981	2.15341721	0.35212136	1	1
1562.252	894.252	0.553858	0.6991905	525.5267	1726.144	65.29073	0.3449678	2.0589	0.48849274	480.19592	1128.77864	0.271837	2.15857243	0.36612351	1	1
1562.405	894.405	0.589785	0.681328	526.8329	1711.536	64.9522	0.365929	2.05651	0.52444952	481.52245	1114.54145	0.29283282	2.15613735	0.38759648	2	1
1562.557	894.557	0.5895	0.6672161	528.8054	1707.552	66.29182	0.3667801	2.0528	0.52419412	483.515147	1110.92571	0.29371831	2.15238257	0.3884715	2	1
1562.71	894.71	0.584819	0.659912	531.6606	1724.191	67.9356	0.366854	2.04294	0.5195429	486.390676	1127.93525	0.29382682	2.1424775	0.38855213	2	1
1562.862	894.862	0.59119	0.660997	534.8868	1764.529	64.29304	0.3715671	2.03901	0.52594349	489.637071	1168.64124	0.2985743	2.13850273	0.39337233	2	1
1563.014	895.014	0.600885	0.659802	537.3417	1813.906	65.3357	0.379236	2.0312	0.53566808	492.112165	1218.3861	0.30627758	2.13064796	0.40120393	2	1
1563.167	895.167	0.581646	0.648509	539.1861	1839.245	63.3155	0.368453	2.031	0.51645886	493.976892	1244.09524	0.29552919	2.13040289	0.3902014	2	1
1563.319	895.319	0.5875	0.6372105	539.5471	1844.079	63.77279	0.3694347	2.0391	0.52234244	494.358085	1249.29683	0.29654526	2.13845812	0.39120945	2	1
1563.472	895.472	0.563596	0.627907	538.953	1834.332	60.0195	0.355274	2.04189	0.49846822	493.78431	1239.91971	0.28241916	2.14120306	0.37672973	1	1
1563.624	895.624	0.521867	0.6249043	538.4739	1818.684	58.79992	0.3325928	2.0421	0.4567688	493.325401	1224.63903	0.25977233	2.1413683	0.35345601	4	1
1563.776	895.776	0.494978	0.624001	538.2343	1817.138	59.5719	0.323549	2.027	0.42990938	493.105992	1223.46023	0.25076289	2.12622353	0.34415073	2	1
1563.929	895.929	0.543483	0.6274928	538.3525	1834.966	61.86698	0.3490599	2.026	0.47844416	493.244515	1241.6577	0.27630838	2.12517848	0.37037696	1	1
1564.081	896.081	0.566082	0.626102	538.8316	1850.748	62.0936	0.36265	2.0214	0.50107274	493.743805	1257.80663	0.28993284	2.12053372	0.38429938	1	1
1564.234	896.234	0.572375	0.6335868	539.662	1870.968	62.98124	0.3658206	2.0223	0.50739551	494.594526	1278.39583	0.29313802	2.12138867	0.38754652	1	1
1564.386	896.386	0.537756	0.632102	540.6203	1860.804	64.7703	0.346582	2.0241	0.47280608	495.573014	1268.5985	0.27393377	2.12314391	0.36785091	1	1
1564.538	896.538	0.520475	0.6218021	540.6203	1849.737	65.4259	0.33312	2.03803	0.45555465	495.593201	1257.89802	0.26050613	2.13702916	0.35402882	3	1
1564.691	896.691	0.50495	0.604727	539.849	1806.508	62.9198	0.319441	2.05574	0.44005942	494.84222	1215.03783	0.2468617	2.15469412	0.33994681	4	1
1564.843	896.843	0.5024	0.628805	537.8176	1767.224	60.84893	0.3158013	2.0631	0.43753899	492.831006	1176.1201	0.24325634	2.16200937	0.3361971	1	1
1564.996	896.996	0.499412	0.660747	534.3091	1742.501	60.2591	0.313704	2.06479	0.43458075	489.342824	1151.76564	0.24119361	2.16365433	0.33403734	1	1
1565.148	897.148	0.500199	0.690975	530.7188	1722.964	60.8767	0.316025	2.05871	0.43539732	485.772708	1132.59464	0.24354895	2.15752958	0.33643819	1	1
1565.3	897.3	0.549232	0.7080858	527.9718	1722.941	60.40038	0.3447967	2.05069	0.48445989	483.045891	1132.9375	0.27235499	2.14946484	0.36604971	4	1
1565.453	897.453	0.588605	0.725486	527.4959	1714.135	60.8788	0.369422	2.04142	0.52386264	482.590307	1124.49964	0.29701485	2.14014981	0.39126739	2	1
1565.605	897.605	0.5888	0.7431777	529.5209	1719.964	60.00675	0.3707592	2.037	0.52408721	484.635489	1130.69425	0.29838638	2.13568507	0.39263836	2	1
1565.758	897.758	0.564896	0.751593	532.376	1739.577	60.6941	0.357269	2.0375	0.50021296	487.510903	1150.67512	0.28493073	2.13614004	0.37884874	2	1
1565.91	897.91	0.58377	0.7418038	534.9492	1759.908	61.84695	0.3680781	2.0365	0.51911652	490.104284	1171.37146	0.29577416	2.1350953	0.38990949	2	1
1566.062	898.062	0.582784	0.726724	536.3866	1789.074	63.6533	0.370638	2.0256	0.51816008	491.561863	1200.90267	0.29836838	2.12415057	0.39252974	2	1
1566.215	898.215	0.563247	0.7170098	536.9216	1804.181	63.14321	0.3616024	2.01981	0.49865283	492.117175	1216.37714	0.28936733	2.11831555	0.38329875	1	1
1566.367	898.367	0.6177	0.71051	536.8034	1818.064	61.6543	0.392104	2.0193	0.55313539	492.019154	1230.62509	0.31990324	2.11776082	0.41442465	2	1
1566.52	898.52	0.569692	0.700399	536.3276	1813.19	61.85987	0.3641755	2.02299	0.50515713	491.563664	1226.1183	0.29200928	2.1214058	0.38594057	1	1
1566.672	898.672	0.603745	0.679533	535.3725	1816.984	63.3155	0.38348	2.0218	0.53923969	490.628741	1230.27698	0.31134809	2.12017107	0.40565202	2	1
1566.824	898.824	0.553311	0.6834064	534.8933	1834.929	63.67447	0.3566918	2.01821	0.48883524	490.169717	1248.58653	0.2845942	2.11653635	0.37829324	1	1
1566.977	898.977	0.560377	0.695281	534.6537	1860.109	63.1376	0.358953	2.02338	0.49593098	489.950425	1274.13334	0.28688993	2.12166134	0.3806131	1	1
1567.129	899.129	0.5485	0.706391	534.2369	1884.056	61.5437	0.351469	2.0269	0.48408353	489.5538	1298.44462	0.27944023	2.12513662	0.37295321	1	1
1567.281	899.281	0.560452	0.7144736	533.5215	1894.401	59.96	0.3571918	2.02949	0.49606508	488.858574	1309.15378	0.28519733	2.1276819	0.37882036	1	1
1567.434	899.434	0.583881	0.697913	532.0906	1870.472	60.2032	0.373178	2.01891	0.51952381	487.44798	1285.5912	0.30121805	2.11705689	0.39516898	1	1
1567.586	899.586	0.565496	0.7030913	531.6115	1860.784	60.63021	0.3662776	2.0082	0.50116836	486.989053	1276.26709	0.29435195	2.10630218	0.38812504	1	1
1567.739	899.739	0.559913	0.702201	531.3128	1856.262	60.2622	0.363305	2.0081	0.49561509	486.710657	1272.11124	0.29141386	2.10615718	0.38509088	1	1
1567.891	899.891	0.5766	0.7027988	531.1946	1865.083	57.94358	0.3692941	2.0184	0.51233163	486.612628	1281.29587	0.29743725	2.11641247	0.39121765	2	1
1568.044	900.044	0.562855	0.7025	531.4308	1852.008	57.664	0.35821	2.03045	0.49861637	486.869131	1268.58676	0.28638766	2.12841747	0.37988807	1	1
1568.196	900.196	0.595148	0.7018039	530.7778	1837.538	58.87959	0.3757467	2.032	0.5309389	486.236301	1254.48012	0.30395864	2.12992276	0.39781609	2	1
1568.348	900.348	0.561395	0.705394	530	1813.042	62.8633	0.35787	2.0289	0.49721544	485.47867	1230.34736	0.28611622	2.12677806	0.37955013	1	1
1568.501	900.501	0.554616	0.7113938	530.2986	1802.337	63.47487	0.3556758	2.02391	0.49046617	485.797571	1220.00785	0.28395653	2.12174307	0.37730862	1	1
1568.653	900.653	0.5591	0.716192	534.3552	1802.31	64.9341	0.361745	2.0118	0.4949797	489.874338	1220.34382	0.29006	2.10958837	0.38352562	2	1
1568.806	900.806	0.565773	0.713202	540.5972	1811.582	60.3243	0.367297	2.00533	0.50168243	496.136638	1229.98105	0.29564649	2.10307338	0.3892074	1	1
1568.958	900.958	0.593855	0.701219	539.9672	1826.393	58.5898	0.381725	2.00849	0.52979396	495.526804	1245.15476	0.31010876	2.10618868	0.40393884	2	1
1569.11	901.11	0.564305	0.691608	537.1545	1826.147	57.1292	0.363083	2.0167	0.50027349	492.734269	1245.27135	0.29150103	2.11435399	0.38490935	1	1
1569.263	901.263	0.567193	0.7034922	532.5173	1806.652	59.71245	0.3648067	2.0162	0.50319121	488.117366	1226.14118	0.29325922	2.11380901	0.38667702	1	1

1569.415	901.415	0.5741	0.717589	528.149	1787.033	60.3963	0.370619	2.0093	0.51012773	483.76923	1206.8845	0.29910577	2.10686432	0.39262154	2	1
1569.568	901.568	0.586749	0.7032293	527.3187	1768.254	61.53819	0.3770888	2.01089	0.52280645	482.959225	1188.47007	0.30561006	2.10840934	0.39923092	2	1
1569.72	901.72	0.579906	0.711194	528.7463	1752.796	58.905	0.371915	2.0157	0.51599297	484.406988	1173.37413	0.30047051	2.11317465	0.39395518	2	1
1569.872	901.872	0.599422	0.7288833	531.0173	1733.623	60.81606	0.3821511	2.01789	0.5355385	486.698149	1154.56306	0.31074086	2.11531997	0.40440342	2	1
1570.025	902.025	0.612857	0.744375	532.7995	1693.837	58.3859	0.390956	2.01351	0.54900321	488.500643	1115.14124	0.31958023	2.110895	0.41337711	2	1
1570.177	902.177	0.5658	0.7157391	534.2369	1703.374	61.74212	0.3659705	2.0097	0.50197573	489.958203	1125.0399	0.29462898	2.10704032	0.38789707	2	1
1570.33	902.33	0.51351	0.708512	535.6613	1795.254	60.396	0.339076	2.00811	0.44971544	491.402895	1217.28382	0.26776895	2.10540535	0.36034397	2	1
1570.482	902.482	0.489438	0.6811605	536.4424	1909.055	63.99186	0.3240612	2.01719	0.42567295	492.204154	1331.44623	0.25278838	2.11444067	0.34490289	1	1
1570.634	902.634	0.536995	0.703364	535.9665	1984.066	63.6859	0.341855	2.03821	0.47325947	491.748412	1406.8185	0.27061642	2.135416	0.36320803	4	1
1570.787	902.787	0.530416	0.707697	533.8824	1985.258	64.8888	0.335144	2.04868	0.46671017	489.684602	1408.37403	0.26393988	2.14584104	0.3563186	1	1
1570.939	902.939	0.5234	0.747235	532.9241	1921.296	61.6836	0.324878	2.0702	0.45972369	488.746458	1344.77304	0.25370811	2.16731637	0.34575959	3	1
1571.092	903.092	0.472305	0.746501	535.0049	1856.869	59.925	0.28869	2.09928	0.40865839	490.847546	1280.7093	0.21755456	2.19635141	0.30834821	1	1
1571.244	903.244	0.477891	0.7355868	539.8392	1807.046	59.08344	0.2795264	2.13944	0.4142739	495.702001	1231.24706	0.20842519	2.23646675	0.29883168	1	1
1571.396	903.396	0.513005	0.698929	541.5162	1782.747	59.6334	0.302433	2.12792	0.4494174	497.399156	1207.30869	0.23136601	2.22490208	0.32260183	1	1
1571.549	903.549	0.578343	0.6532615	541.5162	1788.214	61.91563	0.3534392	2.07832	0.5147851	497.419442	1213.13856	0.28240665	2.17525713	0.37511896	1	1
1571.701	903.701	0.5733	0.641509	539.8457	1793.479	60.9575	0.364971	2.027	0.50977161	495.769095	1218.76392	0.29397267	2.12389247	0.38692581	2	1
1571.854	903.854	0.555272	0.6682741	539.0121	1803.462	60.32398	0.3602655	2.00987	0.4917733	494.95578	1229.10953	0.28930161	2.10671752	0.38211815	1	1
1572.006	904.006	0.524749	0.691262	540.7385	1828.165	59.0459	0.342204	2.01629	0.4612798	496.702331	1254.17264	0.27127432	2.11309287	0.36361198	2	1
1572.158	904.158	0.493692	0.7282723	544.086	1887.171	57.34775	0.3225	2.02821	0.4302523	500.069982	1313.53862	0.25160453	2.12496821	0.34335019	2	1
1572.311	904.311	0.488517	0.771029	547.532	1969.718	56.284	0.317486	2.03558	0.42510699	503.536264	1396.44784	0.24662496	2.13229327	0.33818547	2	1
1572.463	904.463	0.468	0.794961	546.5278	2027.985	56.33484	0.3076093	2.0349	0.40461949	502.552213	1455.07456	0.23678246	2.13156862	0.32799136	2	1
1572.616	904.616	0.504554	0.795	540.5842	2033.098	57.6271	0.326678	2.03231	0.44120318	496.628894	1460.54951	0.25588558	2.12893368	0.34766934	2	1
1572.768	904.768	0.556458	0.784808	535.9108	2008.674	59.0301	0.353572	2.0343	0.49313667	491.975642	1436.48497	0.28281378	2.13087904	0.37529546	4	1
1572.92	904.92	0.564207	0.706819	533.1638	1978.425	57.242	0.359501	2.02859	0.50091516	489.248789	1406.5953	0.28877697	2.1251244	0.38137118	4	1
1573.073	905.073	0.573079	0.644248	533.5182	1933.814	59.3736	0.369633	2.01074	0.50981685	489.623468	1362.34587	0.29894339	2.10722946	0.39173549	1	1
1573.225	905.225	0.5797	0.6205204	535.1329	1879.288	60.793	0.3823706	1.9803	0.51646733	491.258313	1308.17894	0.31171518	2.07674482	0.40473791	1	1
1573.378	905.378	0.568345	0.600116	538.2211	1825.441	62.0441	0.379363	1.97054	0.50514202	494.366791	1254.69325	0.30874199	2.06693989	0.40167656	2	1
1573.53	905.53	0.585972	0.5749362	541.4506	1799.846	60.63623	0.3862072	1.97869	0.5227985	497.616435	1229.45707	0.31562037	2.07504526	0.40865731	2	1
1573.682	905.682	0.534387	0.571403	544.3813	1828.264	58.682	0.355249	1.99101	0.47124298	500.567278	1258.23375	0.28469635	2.08732063	0.3770435	2	1
1573.835	905.835	0.526419	0.6071679	545.215	1864.637	58.62263	0.3497137	1.99549	0.46330466	501.421254	1294.96767	0.27919545	2.0917557	0.37137684	2	1
1573.987	905.987	0.486532	0.641643	543.5477	1928.402	60.0308	0.329331	1.9974	0.42344714	499.774095	1359.0911	0.25884692	2.09362107	0.35044608	2	1
1574.14	906.14	0.525544	0.653289	540.1576	1968.628	63.44592	0.3441866	2.01134	0.46248882	496.404269	1399.67776	0.27373692	2.10751615	0.36571787	1	1
1574.292	906.292	0.5258	0.663284	536.449	2012.281	63.7212	0.341202	2.02118	0.46277429	492.71581	1443.68893	0.27078648	2.11731153	0.3626592	4	1
1574.444	906.444	0.548885	0.6786765	534.4765	1994.395	64.29942	0.3514639	2.02759	0.48588877	490.763449	1426.16097	0.28108255	2.12367691	0.373191	1	1
1574.597	906.597	0.539231	0.680597	534.5356	1959.478	66.5621	0.347576	2.02341	0.47626444	490.842821	1391.60424	0.27722904	2.11945199	0.3692102	1	1
1574.749	906.749	0.5638	0.6801	535.6679	1924.28	68.4688	0.358861	2.03	0.50086291	491.995259	1356.76402	0.28854819	2.12599738	0.38077678	1	1
1574.902	906.902	0.564198	0.691382	537.45	1899.317	66.9106	0.358261	2.03279	0.50129058	493.797629	1332.16103	0.28798258	2.12874247	0.38016774	1	1
1575.054	907.054	0.577389	0.708486	538.7693	1924.496	65.1254	0.366338	2.0301	0.51451105	495.137066	1357.69756	0.29609373	2.12600785	0.38843414	1	1
1575.206	907.206	0.587685	0.7221881	540.3249	1969.774	64.22153	0.3748578	2.02039	0.52483652	496.712802	1403.33296	0.30464768	2.11625324	0.39714073	4	1
1575.359	907.359	0.568546	0.73489	541.5129	2004.391	66.3811	0.367054	2.01112	0.50572718	497.92107	1438.30959	0.29687825	2.10693834	0.38917599	4	1
1575.511	907.511	0.5632	0.7019191	542.4713	1999.941	66.97435	0.3644687	2.0101	0.50041065	498.899604	1434.21673	0.2943271	2.10587373	0.38653833	4	1
1575.664	907.664	0.564097	0.662031	543.0653	1980.43	69.1594	0.365313	2.0089	0.50133731	499.513871	1415.06509	0.29520576	2.10462883	0.38740656	13	1
1575.816	907.816	0.589759	0.6513098	542.5927	1945.576	67.70753	0.3800995	2.0063	0.52702877	499.061404	1380.56798	0.3100264	2.10198422	0.40250802	6	1
1575.968	907.968	0.602588	0.642414	540.978	1905.99	67.3753	0.388252	2.0027	0.53988723	497.466836	1341.33874	0.31821304	2.09833962	0.41082016	6	1
1576.121	908.121	0.587835	0.6243007	538.0013	1870.542	64.42616	0.3801556	2.0024	0.52516389	494.510401	1306.24972	0.310151	2.09799473	0.40257528	1	1
1576.273	908.273	0.5485	0.590053	535.6088	1826.777	64.87	0.355924	2.0123	0.48585835	492.138032	1262.84122	0.28595353	2.10785013	0.37782055	1	1
1576.426	908.426	0.532663	0.579716	533.2327	1807.043	63.3212	0.34558	2.01867	0.470051	489.782194	1243.46594	0.27564388	2.11417524	0.36722345	1	1
1576.578	908.578	0.556462	0.60386	531.9101	1802.793	67.0392	0.355391	2.02818	0.49387945	488.479724	1239.57219	0.285489	2.12364064	0.37728483	1	1
1576.73	908.73	0.564545	0.622885	531.0173	1802.803	67.0312	0.360479	2.0259	0.50199191	487.607053	1239.93831	0.29061113	2.12131605	0.38249802	2	1
1576.883	908.883	0.59251	0.63518	533.2753	1812.304	67.5604	0.375822	2.0265	0.52998656	489.885313	1249.79764	0.30598847	2.12187117	0.39818	2	1
1577.035	909.035	0.591	0.645891	536.8034	1797.535	65.9807	0.376998	2.0194	0.52850601	493.433541	1235.38451	0.30719859	2.11472658	0.39938488	2	1
1577.188	909.188	0.606936	0.6704639	539.4781	1812.038	67.40427	0.3856025	2.0206	0.54447165	496.1285	1250.24559	0.31583742	2.1158817	0.40816181	2	1
1577.34	909.34	0.561836	0.675396	539.7867	1806.968	66.6169	0.36001	2.0225	0.4994011	496.457225	1245.53119	0.29027904	2.11773712	0.3820383	2	1
1577.492	909.492	0.586293	0.6714968	538.8316	1820.614	65.09563	0.3725877	2.02561	0.52388755	495.522251	1259.53268	0.30289084	2.12080253	0.39489888	2	1
1577.645	909.645	0.581811	0.660109	538.2343	1848.904	64.3784	0.368491	2.03119	0.51943519	494.945207	1288.18037	0.29882847	2.12633766	0.39071984	2	1
1577.797	909.797	0.5691	0.6438167	538.4739	1882.865	64.34878	0.3600847	2.0358	0.50675363	495.204931	1322.4966	0.29045627	2.13090308	0.38212984	1	1
1577.95	909.95	0.560236	0.632318	538.4149	1902.242	66.0682	0.354643	2.03769	0.49791927	495.166187	1342.23103	0.2850489	2.13274821	0.37656416	4	1
1578.102	910.102	0.553511	0.6320071	536.0912	1882.182	65.01897	0.3503082	2.0399	0.49122371	492.862609	1322.526	0.28074819	2.13491364	0.37212765	4	1

1578.254	910.254	0.566158	0.639688	531.9068	1843.449	65.9769	0.355538	2.04591	0.50390015	488.69833	1284.14785	0.28601209	2.14087906	0.37749081	4	1
1578.407	910.407	0.514225	0.669551	528.1588	1800.387	65.7003	0.324909	2.05388	0.45199678	484.970583	1241.4429	0.2554174	2.1488042	0.34604034	3	1
1578.559	910.559	0.4877	0.70035	527.3745	1766.626	62.9137	0.311682	2.0521	0.42550122	484.206404	1208.03649	0.24222449	2.14697963	0.33240313	1	1
1578.712	910.712	0.489891	0.726679	528.7397	1756.285	63.203	0.311487	2.05618	0.42772185	485.591855	1198.05229	0.2420638	2.15101477	0.33220683	1	1
1578.864	910.864	0.480116	0.7252099	529.8786	1761.008	60.81551	0.3029335	2.06718	0.41797628	486.750874	1203.12963	0.23354438	2.16197021	0.32336964	1	1
1579.016	911.016	0.469846	0.735092	528.6216	1775.816	63.8232	0.294788	2.07619	0.40773571	485.513992	1218.29184	0.22543296	2.17093565	0.3149392	1	1
1579.169	911.169	0.498731	0.7365817	525.9501	1777.243	65.6346	0.3112068	2.07171	0.43665034	482.862741	1220.07525	0.24188606	2.16641079	0.33193266	3	1
1579.321	911.321	0.5267	0.716516	523.7348	1766.866	67.0044	0.33223	2.0517	0.46464877	480.667558	1210.05221	0.26294334	2.14635623	0.35360601	3	1
1579.474	911.474	0.544429	0.6948099	521.8904	1766.272	65.41701	0.3472026	2.03377	0.48240739	478.843406	1209.81436	0.27795023	2.12838138	0.36898883	1	1
1579.626	911.626	0.550291	0.665346	521.9429	1774.132	60.8126	0.351679	2.02941	0.48829882	478.916021	1218.02807	0.2824607	2.12397683	0.37358299	1	1
1579.778	911.778	0.570981	0.6639173	521.7657	1776.272	61.72944	0.3604699	2.03809	0.50901824	478.758935	1220.52164	0.29128566	2.13261228	0.38258938	1	1
1579.931	911.931	0.559238	0.683368	522.2416	1762.612	63.8988	0.356652	2.02903	0.49730486	479.255081	1207.21742	0.28750205	2.12350743	0.37868689	1	1
1580.083	912.083	0.5812	0.6935847	522.4811	1758.631	65.69975	0.3744991	2.0093	0.51929628	479.514694	1203.58974	0.30538321	2.10373288	0.39693538	2	1
1580.236	912.236	0.565065	0.694399	523.0161	1763.859	63.7565	0.369705	1.99615	0.50319089	480.069938	1209.17326	0.30062339	2.09053805	0.39204546	2	1
1580.388	912.388	0.555208	0.700995	523.0193	1782.96	60.0413	0.359326	2.01289	0.49336331	480.093249	1228.62733	0.29027844	2.1072335	0.38143904	1	1
1580.54	912.54	0.55113	0.721467	523.1965	1788.221	59.9915	0.351713	2.03081	0.48931473	480.29056	1234.24128	0.28269949	2.12510896	0.37364804	1	1
1580.693	912.693	0.589109	0.741983	523.6725	1782.99	61.9526	0.370082	2.04008	0.52732334	480.786802	1229.36542	0.30110277	2.13433412	0.39244559	2	1
1580.845	912.845	0.5508	0.733304	524.0335	1766.626	64.77575	0.349819	2.0365	0.48904376	481.167911	1213.35411	0.28087381	2.13070959	0.3717169	1	1
1580.998	912.998	0.517633	0.72101	524.3879	1764.844	64.967	0.333591	2.03182	0.45590636	481.542552	1211.92699	0.26468008	2.12598476	0.35506127	4	1
1581.15	913.15	0.52379	0.7051292	524.2731	1781.635	65.08638	0.338185	2.02741	0.46209277	481.44786	1229.07043	0.26930812	2.12153022	0.359788	3	1
1581.302	913.302	0.502654	0.710396	524.7522	1803.183	63.9382	0.326972	2.0284	0.44098619	481.947067	1250.97075	0.25812915	2.12247569	0.34826098	4	1
1581.455	913.455	0.536519	0.7311807	526.4752	1826.954	63.8934	0.3447886	2.0278	0.47488079	483.690305	1275.09625	0.27598001	2.12183087	0.36657799	1	1
1581.607	913.607	0.543594	0.74967	530.1149	1844.184	62.6409	0.350577	2.02121	0.4819852	487.350111	1292.67831	0.28180244	2.11519634	0.37251905	1	1
1581.76	913.76	0.531548	0.7387106	535.0508	1850.141	60.58022	0.3428428	2.02548	0.46996879	492.306248	1298.98956	0.2741025	2.11942152	0.36459121	4	1
1581.912	913.912	0.469899	0.730813	539.3009	1851.355	58.3568	0.308859	2.03389	0.4083492	496.576452	1300.55537	0.24015272	2.12778699	0.32959844	2	1
1582.064	914.064	0.508514	0.7218744	540.2593	1817.794	60.37795	0.3213878	2.05551	0.4469936	497.554955	1267.34606	0.25271554	2.14936247	0.34253372	2	1
1582.217	914.217	0.517372	0.674174	537.706	1798.671	63.4372	0.323615	2.06357	0.4558812	495.02189	1248.57693	0.25497699	2.15737766	0.34483391	3	1
1582.369	914.369	0.555	0.643124	533.6987	1779.156	67.1763	0.344697	2.062	0.4935386	491.034692	1229.41336	0.276093	2.15576314	0.36651422	1	1
1582.522	914.522	0.570339	0.633615	532.7469	1787.952	66.6215	0.357201	2.04825	0.50890719	490.103125	1238.56298	0.28863124	2.14196833	0.37933443	2	1
1582.674	914.674	0.580092	0.622309	535.6055	1791.805	66.6908	0.368904	2.02642	0.51868959	492.981826	1242.76716	0.30036825	2.12009381	0.39130748	2	1
1582.826	914.826	0.582696	0.6153128	540.2659	1790.843	67.28783	0.3725784	2.0187	0.52132298	497.662325	1242.15622	0.30407666	2.1123293	0.39506501	2	1
1582.979	914.979	0.577512	0.617498	543.2983	1781.565	68.6983	0.369339	2.02	0.51616857	500.714957	1233.23146	0.30087149	2.1135845	0.39176188	2	1
1583.131	915.131	0.5585	0.6247839	542.6518	1766.508	67.19825	0.3564338	2.0284	0.49718596	500.088555	1218.52526	0.28800029	2.12193999	0.37856906	2	1
1583.284	915.284	0.550831	0.619704	540.3315	1771.382	65.7603	0.352454	2.0278	0.48954655	497.788485	1223.75225	0.28405471	2.12129519	0.37449791	1	1
1583.436	915.436	0.582349	0.6166305	538.1785	1796.541	63.02488	0.3713431	2.02231	0.52109394	495.655581	1249.26181	0.30297781	2.11576068	0.39382376	2	1
1583.588	915.588	0.578565	0.649346	537.3975	1830.604	63.6309	0.370268	2.0188	0.51733932	494.894678	1283.67524	0.30193671	2.11220618	0.39273082	2	1
1583.741	915.741	0.535404	0.7036303	537.3975	1846.666	64.14449	0.3452168	2.02449	0.4742079	494.914905	1300.08984	0.27691972	2.11785139	0.36709287	1	1
1583.893	915.893	0.5405	0.729358	537.4598	1846.584	63.8785	0.346233	2.03	0.47933329	494.9973	1300.35802	0.27796991	2.12331689	0.36814037	1	1
1584.046	916.046	0.559524	0.7098019	536.7443	1807.955	64.51026	0.3556273	2.03309	0.49838687	494.302026	1262.08138	0.28739842	2.1263621	0.37777343	1	1
1584.198	916.198	0.602431	0.674355	534.7161	1773.367	63.2121	0.380974	2.02811	0.54132325	492.293919	1227.84331	0.3127791	2.1213376	0.40367526	2	1
1584.35	916.35	0.575858	0.641925	533.0424	1758.638	63.89	0.367465	2.02329	0.51477963	490.640311	1213.46412	0.29930408	2.11647311	0.38989235	2	1
1584.503	916.503	0.549883	0.650786	531.6738	1763.387	64.7841	0.355062	2.01752	0.4888342	489.291935	1218.5651	0.28693528	2.11065833	0.37720959	1	1
1584.655	916.655	0.5343	0.671683	531.1946	1781.782	65.5415	0.346838	2.0174	0.47328058	488.832826	1237.30965	0.27874525	2.11049384	0.36878607	1	1
1584.807	916.807	0.517069	0.6828825	530.0624	1791.054	66.97533	0.3383792	2.01581	0.45607896	487.720716	1246.93108	0.27032043	2.10885935	0.36010847	1	1
1584.96	916.96	0.465441	0.6835	528.0308	1791.569	66.5198	0.313702	2.0136	0.40448053	485.709338	1247.79769	0.24567742	2.10660457	0.33470186	1	1
1585.112	917.112	0.48298	0.6761069	526.4194	1787.978	66.79473	0.3252895	2.00419	0.4220489	484.118027	1244.55587	0.25729888	2.09715009	0.34665476	1	1
1585.265	917.265	0.45796	0.669805	527.0134	1777.749	64.4653	0.315906	1.99752	0.39705846	484.732247	1234.67822	0.24794957	2.09043532	0.33698669	2	1
1585.417	917.417	0.4833	0.6616985	529.3436	1787.391	64.57887	0.3233351	2.0104	0.42242783	487.082535	1244.66915	0.25541263	2.10327084	0.34465164	1	1
1585.57	917.57	0.492762	0.643828	531.4835	1786.56	63.294	0.322229	2.02763	0.4319194	489.242653	1244.18925	0.25434071	2.12045607	0.34351697	4	1
1585.722	917.722	0.568478	0.6410094	531.49	1780.121	61.32954	0.3595155	2.03659	0.50766476	489.269239	1238.09894	0.29166116	2.12937159	0.3818087	1	1
1585.874	917.874	0.563161	0.647789	530.5349	1757.066	60.2579	0.357659	2.0329	0.50237713	488.334224	1215.3925	0.28983862	2.12563712	0.37991369	1	1
1586.027	918.027	0.514916	0.6624782	526.6688	1738.864	62.25187	0.3335458	2.02751	0.45416169	484.488341	1197.54122	0.26575959	2.12020236	0.35518125	4	1
1586.179	918.179	0.5156	0.665196	524.2698	1720.919	65.4608	0.333268	2.0295	0.45487505	482.109425	1179.94453	0.26551573	2.12214789	0.35490063	1	1
1586.332	918.332	0.537911	0.678989	521.3588	1721.395	67.5611	0.344637	2.0307	0.47721561	479.21864	1180.77101	0.2769189	2.12330313	0.36658349	1	1
1586.484	918.484	0.552277	0.686089	519.6784	1734.857	66.4331	0.350639	2.03649	0.49161097	477.558322	1194.58107	0.28295484	2.12904866	0.37274346	1	1
1586.636	918.636	0.508019	0.677307	519.1401	1743.712	65.1563	0.325403	2.0419	0.44738233	477.040103	1203.78401	0.25775278	2.1344142	0.34682211	1	1
1586.789	918.789	0.519572	0.6757953	519.9147	1742.878	65.79382	0.3317137	2.041	0.45896488	477.834916	1203.30011	0.26409764	2.13346945	0.35332229	1	1
1586.941	918.941	0.4784	0.667507	522.0643	1732.612	66.1906	0.312644	2.035	0.41782223	480.004596	1193.3818	0.24506187	2.12742499	0.3336753	1	1

1587.094	919.094	0.456189	0.6760978	524.3223	1708.484	64.22166	0.3039104	2.02922	0.39564078	482.282808	1169.60365	0.23636242	2.12160024	0.32465447	1	1
1587.246	919.246	0.472787	0.690988	525.9993	1688.95	62.312	0.309419	2.03639	0.41226813	483.979887	1150.4171	0.24190494	2.12872578	0.33035441	1	1
1587.398	919.398	0.49237	0.7064844	527.1382	1663.745	61.57772	0.316315	2.04511	0.43188048	485.138864	1125.55941	0.24883487	2.13740133	0.33747943	1	1
1587.551	919.551	0.473959	0.718381	527.9094	1657.923	64.3507	0.30509	2.05108	0.41349903	485.930274	1120.08689	0.23764401	2.14332658	0.3258897	1	1
1587.703	919.703	0.5066	0.7336717	528.8644	1668.047	64.0386	0.3234764	2.0457	0.44616938	486.90535	1130.55796	0.25606433	2.13790213	0.34487291	1	1
1587.856	919.856	0.535385	0.729507	530.0557	1697.407	63.7842	0.340258	2.04062	0.47498392	488.116858	1160.26719	0.27288007	2.1327774	0.36213881	1	1
1588.008	920.008	0.510241	0.7175087	531.0141	1726.954	64.41868	0.3279566	2.0375	0.44986926	489.095333	1190.16102	0.26061258	2.12961295	0.34949668	1	1
1588.16	920.16	0.5303	0.70472	532.0282	1742.169	65.5149	0.337389	2.0411	0.46995761	490.129507	1205.72272	0.27007889	2.13316851	0.35920188	3	1
1588.313	920.313	0.529701	0.693009	532.1464	1752.639	66.9936	0.337467	2.0398	0.46938814	490.267913	1216.54158	0.27019102	2.13182377	0.35928707	3	1
1588.465	920.465	0.5696	0.687509	531.6705	1762.448	67.3831	0.360627	2.0349	0.50931648	489.812086	1226.69703	0.29338492	2.12687933	0.38303611	2	1
1588.618	920.618	0.578166	0.686801	530.9583	1780.279	68.2222	0.3678	2.02653	0.51791202	489.12009	1244.87664	0.30059204	2.1184646	0.39037481	2	1
1588.77	920.77	0.598268	0.6951911	530.5973	1789.167	67.39412	0.3788114	2.0274	0.53804335	488.779161	1254.11085	0.31163734	2.11929017	0.40162001	2	1
1588.922	920.922	0.592061	0.701595	530.4759	1794.67	67.6681	0.37554	2.0266	0.53186569	488.677832	1259.95993	0.30839983	2.11844573	0.39828783	2	1
1589.075	921.075	0.567858	0.7100915	530.5973	1794.91	66.63969	0.3616683	2.028	0.50769222	488.819434	1260.54817	0.29456225	2.11980101	0.38412134	2	1
1589.227	921.227	0.5413	0.716994	530.8336	1794.194	67.2477	0.348282	2.0247	0.48116355	489.075803	1260.178	0.28120984	2.11645658	0.37041753	4	1
1589.38	921.38	0.55634	0.7163925	531.3094	1793.482	68.08503	0.3576212	2.02052	0.49623308	489.571803	1259.81399	0.29058315	2.11223186	0.37999026	1	1
1589.532	921.532	0.546017	0.705817	531.5491	1787.998	68.7467	0.354078	2.01401	0.48593941	489.831571	1254.67558	0.28707383	2.10567744	0.37636728	1	1
1589.684	921.684	0.546042	0.6943073	531.6705	1778.887	67.93914	0.3521332	2.02032	0.48599374	489.973038	1245.91005	0.28516291	2.11194301	0.37437996	1	1
1589.837	921.837	0.509816	0.681121	531.6705	1760.121	64.869	0.328635	2.03465	0.44979726	489.993236	1227.49167	0.26169881	2.1262283	0.35025535	3	1
1589.989	921.989	0.5251	0.6824035	531.6705	1750.755	63.83755	0.3366058	2.0347	0.46511059	490.013302	1218.47089	0.26970349	2.12623388	0.35845744	1	1
1590.142	922.142	0.522012	0.689289	531.1356	1745.999	64.2772	0.338863	2.02235	0.4620521	489.498599	1214.06226	0.27199478	2.11383917	0.36078147	1	1
1590.294	922.294	0.5222	0.682505	529.9409	1745.979	65.5698	0.342701	2.01061	0.46226943	488.323963	1214.38724	0.27586665	2.10205475	0.36472725	1	1
1590.446	922.446	0.546096	0.682101	527.5517	1745.979	66.0919	0.355638	2.0091	0.48619475	485.954826	1214.7321	0.28883752	2.10050034	0.37799491	1	1
1590.599	922.599	0.541511	0.678703	525.4709	1745.979	67.387	0.353437	2.0084	0.48163926	483.894221	1215.0791	0.2866706	2.09975564	0.37574576	1	1
1590.751	922.751	0.5549	0.686089	523.4952	1745.979	70.04469	0.3596674	2.0112	0.49505758	481.938583	1215.42371	0.29293487	2.10251123	0.38212935	2	1
1590.904	922.904	0.54245	0.687299	521.001	1746.219	72.5292	0.350134	2.02066	0.48263709	479.464576	1216.01046	0.28343555	2.11192653	0.37237128	1	1
1591.056	923.056	0.514545	0.6936917	519.3206	1741.69	73.80618	0.3337514	2.02629	0.45476141	477.804237	1211.82582	0.2670868	2.11751212	0.35555864	1	1
1591.208	923.208	0.53254	0.695798	519.2025	1732.701	73.1526	0.34426	2.0227	0.47278572	477.706196	1203.18107	0.27762925	2.11387772	0.36635725	1	1
1591.361	923.361	0.55764	0.6973954	520.6859	1713.446	72.88477	0.3585611	2.01981	0.49791523	479.209787	1184.27245	0.29196443	2.11094302	0.38101727	2	1
1591.513	923.513	0.6054	0.695403	524.8671	1703.971	70.4639	0.38492	2.02	0.54570454	483.411046	1175.14145	0.31835717	2.11108862	0.40793608	2	1
1591.666	923.666	0.594444	0.7011964	527.9586	1699.573	68.08544	0.377502	2.02438	0.53477804	486.522735	1171.08959	0.31097324	2.11542393	0.40037925	2	1
1591.818	923.818	0.577827	0.707989	529.7571	1700.151	66.7659	0.370034	2.01821	0.51819035	488.341292	1172.01134	0.30353908	2.10920954	0.39276179	2	1
1591.97	923.97	0.550555	0.7099002	529.104	1706.245	66.6414	0.3553821	2.0177	0.49094766	487.708248	1178.44897	0.28892102	2.10865514	0.3777829	2	1
1592.123	924.123	0.584691	0.713894	527.916	1710.998	68.149	0.374265	2.0167	0.52511316	486.540435	1183.54774	0.30783798	2.10761046	0.39709146	2	1
1592.275	924.275	0.5759	0.718496	526.7181	1719.964	69.1823	0.36842	2.0201	0.51635146	485.36259	1192.85713	0.30202681	2.11096607	0.39112807	2	1
1592.428	924.428	0.616438	0.723692	526.0649	1710.811	70.5049	0.391109	2.0203	0.55691896	484.729576	1184.04965	0.32474986	2.11112139	0.41426774	2	1
1592.58	924.58	0.60441	0.714607	525.4644	1704.454	70.1896	0.383689	2.0224	0.54492026	484.149129	1178.03579	0.31736369	2.113177	0.4067167	2	1
1592.732	924.732	0.590177	0.7039142	525.4644	1698.362	68.55637	0.3737827	2.02901	0.53071656	484.169182	1172.28682	0.30749121	2.11974262	0.39661912	2	1
1592.885	924.885	0.561369	0.700403	525.9402	1696.935	67.0268	0.353439	2.04396	0.50193805	484.665165	1171.20497	0.28718156	2.13464795	0.37582285	2	1
1593.037	925.037	0.5751	0.6957012	526.8986	1697.05	68.51765	0.3587326	2.0523	0.51569835	485.643616	1171.66275	0.29250897	2.14294357	0.38124774	2	1
1593.19	925.19	0.569618	0.688406	527.1349	1702.76	65.4635	0.354521	2.05629	0.51024584	485.900099	1177.71766	0.28833141	2.1468889	0.37694109	2	1
1593.342	925.342	0.547136	0.688207	526.0617	1713.262	69.0871	0.3449167	2.04632	0.48779313	484.846948	1188.5622	0.27876092	2.13687452	0.36710119	1	1
1593.494	925.494	0.541116	0.696986	524.6275	1727.719	66.9618	0.343322	2.0407	0.48180242	483.432797	1203.36161	0.27720003	2.13121015	0.36546984	1	1
1593.647	925.647	0.561152	0.699495	523.6757	1728.195	69.34825	0.3548646	2.0387	0.50186791	482.501177	1204.18215	0.28877666	2.12916548	0.37730796	2	1
1593.799	925.799	0.5937	0.698302	523.7939	1719.485	65.1638	0.37185	2.0431	0.5344452	482.639424	1195.81432	0.30579587	2.13352111	0.39468102	2	1
1593.952	925.952	0.564118	0.7002932	524.2698	1719.485	64.57856	0.3545705	2.04529	0.50489268	483.135503	1196.15862	0.28855039	2.13566645	0.37701677	2	1
1594.104	926.104	0.542035	0.695607	525.402	1728.303	61.5299	0.342769	2.0442	0.48283896	484.287749	1205.31855	0.27678269	2.13453208	0.36492233	1	1
1594.256	926.256	0.547812	0.691703	526.9609	1732.717	62.1789	0.348512	2.03549	0.48864525	485.866694	1210.07436	0.28255949	2.12577772	0.37081859	1	1
1594.409	926.409	0.555575	0.6890016	528.8612	1723.81	59.99611	0.3554578	2.02633	0.49643773	487.787171	1201.51129	0.2895393	2.11657307	0.37794038	1	1
1594.561	926.561	0.5339	0.686002	530.4168	1728.077	61.506	0.34763	2.0142	0.47479201	489.362814	1206.11986	0.28174529	2.10439871	0.36992423	1	1
1594.714	926.714	0.566868	0.677918	530.5349	1723.443	63.28641	0.3662389	2.01081	0.50778948	489.501089	1201.82954	0.3003882	2.10096406	0.38897919	2	1
1594.866	926.866	0.577691	0.684195	529.6423	1732.366	64.4218	0.369876	2.01849	0.51864176	488.628532	1211.09387	0.30405909	2.1085997	0.39270009	2	1
1595.018	927.018	0.567674	0.6915845	526.6525	1722.671	65.23779	0.3607699	2.03072	0.50865404	485.658773	1201.74007	0.29498677	2.12078534	0.38339713	2	1
1595.171	927.171	0.551539	0.687204	523.0883	1699.373	62.092	0.348169	2.04347	0.49254851	482.114746	1178.78539	0.28241987	2.1334907	0.37049692	1	1
1595.323	927.323	0.562	0.6828111	520.2724	1670.437	59.43596	0.3522129	2.0494	0.50303878	479.318886	1150.19035	0.28649754	2.13937635	0.37464669	2	1
1595.476	927.476	0.55204	0.687892	518.9072	1656.885	57.1387	0.34711	2.04801	0.49310825	477.973857	1136.98143	0.28142864	2.13794171	0.369421	4	1
1595.628	927.628	0.561684	0.7051834	518.0079	1651.47	55.39074	0.3535399	2.04421	0.50278152	477.094596	1131.90715	0.28789231	2.13409736	0.37601612	8	2
1595.78	927.78	0.553381	0.719577	515.1985	1655.648	57.1884	0.349611	2.042	0.49450779	474.305234	1136.42575	0.28399718	2.13184302	0.37199522	4	1

1595.933	927.933	0.529358	0.724492	511.3915	1669.924	56.36338	0.3363398	2.0429	0.47051425	470.518403	1151.04446	0.27075996	2.13269838	0.3583797	4	1
1596.085	928.085	0.5388	0.719408	507.3843	1698.362	56.8358	0.341137	2.0438	0.47998552	466.53124	1179.82282	0.27559093	2.13355404	0.36331209	4	1
1596.238	928.238	0.565792	0.750475	508.1556	1722.255	56.3595	0.358163	2.03613	0.50700698	467.322707	1204.05829	0.29265091	2.12583941	0.38076961	1	1
1596.39	928.39	0.574786	0.7890428	514.4733	1727.115	56.7561	0.3659267	2.02652	0.51603025	473.660443	1209.25841	0.30044836	2.11618508	0.38871489	1	1
1596.542	928.542	0.554277	0.796394	522.9701	1713.026	58.7544	0.358031	2.0155	0.49555051	482.177277	1195.5094	0.29258642	2.10512074	0.38064446	1	1
1596.695	928.695	0.539934	0.764722	529.744	1703.636	59.66794	0.3504987	2.0152	0.48123696	488.971342	1186.46151	0.28508809	2.10477612	0.37293506	1	1
1596.847	928.847	0.5658	0.730627	530.7155	1703.853	63.4614	0.361402	2.0251	0.50713222	489.962875	1187.01826	0.29602514	2.11463179	0.38410354	2	1
1597	929	0.564804	0.7160218	527.9225	1714.43	64.616	0.3581938	2.03416	0.50616567	487.190039	1197.93713	0.2928509	2.12364717	0.38082606	2	1
1597.152	929.152	0.569792	0.714502	524.9918	1738.54	64.8698	0.360387	2.0361	0.51118293	484.279371	1222.38664	0.29507785	2.12554284	0.38307521	2	1
1597.304	929.304	0.50989	0.7071038	526.0682	1758.779	64.3008	0.333708	2.01907	0.45131019	485.375801	1242.96504	0.26843259	2.10846851	0.3557196	3	1
1597.457	929.457	0.566219	0.697016	531.2372	1777.903	63.6848	0.369861	1.99767	0.50766864	490.564963	1262.43054	0.30461954	2.0870239	0.39276936	2	1
1597.609	929.609	0.5725	0.7069942	538.533	1777.486	64.31136	0.3789891	1.9789	0.51397889	497.880793	1262.35269	0.31378138	2.06820958	0.40208985	2	1
1597.762	929.762	0.634651	0.719779	543.4066	1768.927	62.5243	0.412763	1.9797	0.57615933	502.774553	1254.13496	0.34758923	2.06896497	0.43643975	1	1
1597.914	929.914	0.57315	0.7237932	544.0827	1769.37	62.84356	0.374811	1.99359	0.51468758	503.470681	1254.91687	0.30967096	2.08281065	0.39783771	2	1
1598.066	930.066	0.562459	0.719108	540.9747	1783.935	63.916	0.363613	2.01161	0.50402583	500.382708	1269.82066	0.29850668	2.10078634	0.38640445	2	1
1598.219	930.219	0.510924	0.704312	537.2892	1788.218	64.705	0.333717	2.02058	0.45252027	496.717366	1274.44456	0.26864463	2.10971173	0.3557589	1	1
1598.371	930.371	0.5356	0.6862406	534.5947	1782.498	62.32476	0.3465039	2.0207	0.47722552	494.042892	1269.06311	0.28146525	2.10978742	0.36889427	1	1
1598.524	930.524	0.557213	0.700888	533.0489	1763.242	62.4035	0.358941	2.01771	0.49886795	492.517248	1250.14777	0.29393629	2.10675282	0.38164054	1	1
1598.676	930.676	0.536533	0.7107846	532.1497	1758.398	61.87428	0.3470447	2.0205	0.4782172	491.638073	1245.64209	0.2820737	2.10949851	0.36945889	1	1
1598.828	930.828	0.527662	0.711499	531.6705	1763.912	63.4634	0.340386	2.02689	0.46937544	491.178896	1251.49428	0.27544871	2.11584421	0.36263098	1	1
1598.981	930.981	0.566606	0.7178943	531.3128	1782.691	62.28857	0.3628482	2.02171	0.50834887	490.841351	1270.61358	0.29794484	2.11061961	0.3856523	1	1
1599.133	931.133	0.571096	0.723191	531.0732	1792.754	62.6246	0.366842	2.0165	0.51286811	490.621773	1281.01453	0.30197235	2.10536531	0.38973982	2	1
1599.286	931.286	0.562634	0.7296941	531.4308	1801.913	61.93456	0.365119	2.00694	0.50443554	490.999526	1290.51359	0.30028327	2.09576072	0.38798387	1	1
1599.438	931.438	0.565296	0.734792	532.5041	1807.312	60.1317	0.365061	2.01189	0.50712677	492.092846	1296.25031	0.30025897	2.10066642	0.38792955	1	1
1599.59	931.59	0.585712	0.7368944	533.4624	1816.856	57.85501	0.3744054	2.01819	0.52757201	493.071166	1306.1319	0.30963707	2.10692213	0.3974784	1	1
1599.743	931.743	0.593276	0.733605	533.935	1807.827	56.4983	0.379841	2.01391	0.53516543	493.563917	1297.4426	0.31510658	2.10259754	0.40302796	1	1
1599.895	931.895	0.5848	0.7323979	534.0565	1803.144	58.12288	0.3804531	1.9958	0.52671866	493.705435	1293.09696	0.31575238	2.08444325	0.40365695	1	1
1600.048	932.048	0.551633	0.728506	534.3552	1798.746	57.7285	0.365564	1.98664	0.49358108	494.024285	1289.03842	0.30089719	2.07523867	0.38846357	2	1
1600.2	932.2	0.596664	0.724004	534.9524	1803.738	56.6816	0.384385	2.00469	0.53864131	494.641502	1294.36754	0.31975187	2.09324438	0.407674	1	1
1600.352	932.352	0.575801	0.7266982	536.0256	1813.656	52.93919	0.3657955	2.02891	0.51780754	495.734718	1304.62254	0.30119606	2.1174201	0.38871009	2	1
1600.505	932.505	0.576498	0.729498	536.0847	1827.338	53.1832	0.361452	2.04546	0.51853396	495.813965	1318.64364	0.29688646	2.13392552	0.38427413	2	1
1600.657	932.657	0.5572	0.7429807	534.9524	1822.12	56.14935	0.3499534	2.048	0.49926518	494.70168	1313.7624	0.28542153	2.13642124	0.37250581	8	2
1600.81	932.81	0.548335	0.746297	532.8126	1797.873	59.2101	0.343002	2.05507	0.49042959	492.582026	1289.85426	0.27850403	2.14344667	0.36538133	1	1
1600.962	932.962	0.545005	0.7279174	530.7778	1768.346	58.44909	0.3433669	2.04761	0.48712882	490.567239	1260.66378	0.2789026	2.13594239	0.36576078	1	1
1601.114	933.114	0.525204	0.713623	530.1181	1752.182	55.3114	0.33951	2.02557	0.46735703	489.927552	1244.83619	0.27507937	2.11385812	0.36180632	2	1
1601.267	933.267	0.530088	0.7061033	530.7745	1746.708	54.64691	0.3533189	1.99019	0.47227044	490.604095	1239.70069	0.28892216	2.07843355	0.37597416	2	1
1601.419	933.419	0.5289	0.695317	532.4451	1746.695	55.0316	0.355702	1.981	0.47111166	492.294707	1240.02385	0.29133892	2.06919928	0.37841966	2	1
1601.572	933.572	0.519737	0.6872059	534.9426	1752.639	58.14661	0.3418424	2.00929	0.46197807	494.812349	1246.30612	0.2775132	2.09744472	0.36421605	2	1
1601.724	933.724	0.497136	0.678414	537.3351	1763.147	58.4019	0.316133	2.05333	0.43940628	497.224858	1257.15005	0.25183746	2.14144045	0.33776457	2	1
1601.876	933.876	0.491124	0.6705103	538.4116	1792.927	60.35604	0.3038405	2.08248	0.43342349	498.321367	1287.26586	0.23957862	2.17054619	0.32507141	2	1
1602.029	934.029	0.506351	0.675891	537.3417	1822.501	57.6644	0.315626	2.07044	0.4486799	497.271607	1317.17776	0.25139799	2.15846163	0.33725151	3	1
1602.181	934.181	0.534	0.685992	535.192	1866.515	59.5591	0.338489	2.044	0.47635811	495.141915	1361.52734	0.27429464	2.13197737	0.36079263	4	1
1602.333	934.333	0.547446	0.6805044	533.5281	1887.673	57.56728	0.352658	2.02109	0.48983331	493.498022	1383.02079	0.28849729	2.10902311	0.37533195	1	1
1602.486	934.486	0.524618	0.674805	532.6255	1901.592	58.2918	0.340172	2.0225	0.46703471	492.615559	1397.27734	0.27604515	2.11038856	0.36253102	4	1
1602.638	934.638	0.533056	0.6649178	532.0282	1906.022	58.0493	0.3395132	2.03892	0.47550192	492.038265	1402.04256	0.27541999	2.12676431	0.36185948	4	1
1602.791	934.791	0.505566	0.667198	531.9101	1909.708	61.4262	0.321105	2.05147	0.44804131	491.940301	1406.06587	0.25704565	2.13926976	0.34292658	1	1
1602.943	934.943	0.5042	0.6832861	532.2678	1890.144	62.35456	0.3184954	2.0575	0.44670451	492.318005	1386.83685	0.25446969	2.14525551	0.3402413	1	1
1603.096	935.096	0.497527	0.698575	533.0981	1870.653	59.8099	0.315296	2.0566	0.44006091	493.16844	1367.68292	0.25130414	2.14431097	0.33694608	2	1
1603.248	935.248	0.499497	0.7109706	533.6987	1870.574	58.69989	0.3180686	2.05111	0.4420601	493.789042	1367.93867	0.25411037	2.13877672	0.33981119	2	1
1603.4	935.4	0.513196	0.699319	533.8792	1885.376	58.0674	0.327505	2.0438	0.4557883	493.989544	1383.0753	0.2635804	2.13142247	0.34953844	2	1
1603.553	935.553	0.507813	0.6907133	534.6537	1889.659	58.78391	0.3255807	2.04101	0.45043469	494.784177	1387.69501	0.26168994	2.12858794	0.34756235	2	1
1603.705	935.705	0.5126	0.689901	538.2343	1845.392	58.0429	0.327758	2.042	0.45525088	498.384777	1343.76241	0.26390086	2.1295337	0.34980885	2	1
1603.858	935.858	0.458019	0.6791927	542.0381	1789.764	56.22122	0.3012469	2.03941	0.40069927	502.208708	1288.47088	0.2374236	2.12689916	0.32245336	2	1
1604.01	936.01	0.449713	0.659132	542.829	1731.158	57.4967	0.299826	2.03221	0.39242246	503.019607	1230.19904	0.23603632	2.11965493	0.32098766	2	1
1604.162	936.162	0.442291	0.632921	540.315	1712.576	60.4622	0.298746	2.02559	0.38502965	500.525605	1211.95108	0.23498993	2.11299069	0.31987452	2	1
1604.315	936.315	0.499363	0.6563656	534.5488	1718.992	62.26713	0.3279878	2.02021	0.44213103	494.779534	1218.7032	0.26426556	2.10756616	0.35006536	2	1
1604.467	936.467	0.5194	0.660896	530.5973	1749.797	60.8076	0.337715	2.0217	0.46219722	490.848031	1249.84201	0.27402637	2.10901193	0.36007233	1	1
1604.62	936.62	0.529061	0.6605037	530.2396	1778.92	58.63689	0.3424784	2.0226	0.4718876	490.510459	1279.30089	0.27882359	2.10986741	0.3649685	2	1

1604.772	936.772	0.564571	0.663897	532.6223	1788.458	58.9946	0.361738	2.0217	0.50742678	492.913154	1289.17246	0.2981168	2.10892318	0.38470567	1	1
1604.924	936.924	0.520904	0.6679987	539.6849	1775.999	61.27484	0.3369035	2.02672	0.46378896	499.995748	1277.04691	0.27331589	2.11389895	0.35925357	6	1
1605.077	937.077	0.523193	0.675188	551.8608	1740.962	58.4496	0.334986	2.03667	0.46610734	512.191774	1242.34544	0.27143221	2.12380444	0.35728808	2	1
1605.229	937.229	0.4902	0.6776201	563.5937	1700.752	58.96847	0.3158259	2.0432	0.43314352	523.944667	1202.46866	0.2523057	2.13029022	0.33756287	2	1
1605.382	937.382	0.446376	0.70835	572.6288	1667.942	57.8102	0.298228	2.03234	0.38934889	532.999891	1169.99395	0.23474162	2.1193857	0.31937832	2	1
1605.534	937.534	0.434718	0.7834148	581.3029	1648.986	59.95488	0.2968401	2.02142	0.37772006	541.693982	1151.37093	0.2333873	2.10842149	0.31794587	8	2
1605.686	937.686	0.457616	0.836013	593.9218	1634.736	58.6898	0.305698	2.026	0.40064724	554.332873	1137.4538	0.24227879	2.11295727	0.32711771	8	2
1605.839	937.839	0.477951	0.805224	612.8356	1610.942	58.0352	0.313433	2.03199	0.4210116	573.266795	1113.99474	0.25004759	2.11890276	0.33511347	8	2
1605.991	937.991	0.4476	0.769756	628.8743	1591.789	57.1956	0.303377	2.0194	0.39068978	589.325485	1095.17437	0.24002517	2.10626855	0.32472748	8	2
1606.144	938.144	0.426485	0.809767	633.8661	1573.961	57.2535	0.304323	1.99141	0.36960414	594.337405	1077.68107	0.24100497	2.07823405	0.32571096	8	2
1606.296	938.296	0.38277	0.9123049	619.9474	1578.772	58.37253	0.2972047	1.96584	0.32591831	580.438693	1082.82447	0.23392024	2.05261984	0.31834863	8	2
1606.448	938.448	0.370252	1.01621	595.6744	1607.361	58.2816	0.294347	1.96212	0.31342948	556.18568	1111.74575	0.23109611	2.04885563	0.31539277	8	2
1606.601	938.601	0.402522	1.045307	579.5077	1645.044	59.68901	0.3012122	1.97427	0.34572884	540.039098	1149.7631	0.2379951	2.06096114	0.32250774	8	2
1606.753	938.753	0.4257	0.992741	583.4656	1670.076	59.0762	0.302723	1.9948	0.368936	544.016984	1175.12715	0.23953946	2.08144693	0.32407599	8	2
1606.906	938.906	0.488249	0.853313	607.8306	1659.737	61.27575	0.3272101	2.00605	0.43151436	568.402101	1165.12226	0.26406035	2.09265244	0.34934969	2	1
1607.058	939.058	0.480513	0.743664	630.9255	1617.516	59.584	0.323631	2.0056	0.42380752	591.516985	1123.23307	0.26051481	2.09215824	0.34566916	8	2
1607.21	939.21	0.408451	0.7594734	637.5057	1583.302	59.95618	0.2974503	1.98997	0.35177468	598.117169	1089.35077	0.23436766	2.07648405	0.3186331	8	2
1607.363	939.363	0.377798	0.894166	624.7982	1574.155	58.1792	0.292889	1.97216	0.32115103	585.429783	1080.53753	0.22984014	2.05862956	0.31391157	8	2
1607.515	939.515	0.4009	1.09534	605.9009	1591.789	58.763	0.307465	1.9568	0.34428219	566.552465	1098.50299	0.24444969	2.04322537	0.32900436	8	2
1607.668	939.668	0.446916	1.07993	595.0246	1610.926	57.2897	0.32439	1.96088	0.39032754	555.696278	1117.97352	0.26140846	2.04726088	0.34647091	8	2
1607.82	939.82	0.528734	0.936207	590.8665	1634.493	56.5247	0.35618	1.97929	0.47217469	551.558159	1141.87175	0.293232	2.0656267	0.37911758	9	2
1607.972	939.972	0.502881	0.847236	589.488	1644.545	55.6192	0.335459	2.0029	0.44635085	550.199639	1152.25487	0.27254455	2.08919251	0.35786879	9	2
1608.125	940.125	0.478658	0.800936	583.6002	1653.705	56.6088	0.322094	2.00749	0.42215719	544.33195	1161.74804	0.25921331	2.09373803	0.34412059	2	1
1608.277	940.277	0.4465	0.8340726	573.9777	1664.47	58.62622	0.3089429	2.0025	0.39002834	534.729429	1172.84392	0.24609574	2.08870385	0.33055654	2	1
1608.43	940.43	0.454169	0.867972	564.6472	1682.061	60.5223	0.312578	2.002	0.39772668	525.419038	1190.76786	0.2497646	2.08815938	0.33431584	2	1
1608.582	940.582	0.473669	0.8198422	561.0928	1692.14	60.33215	0.3185105	2.01099	0.41725583	521.884615	1201.17751	0.25573063	2.0971052	0.34044178	2	1
1608.734	940.734	0.486906	0.779831	571.6902	1686.629	58.772	0.324082	2.01338	0.43052197	532.501992	1195.99705	0.26133566	2.09945102	0.34618855	2	1
1608.887	940.887	0.490791	0.7407492	597.3055	1663.095	60.85347	0.3301103	2.00113	0.43443631	558.137399	1172.79564	0.2673977	2.08715655	0.35239894	2	1
1609.039	941.039	0.4576	0.726223	627.8011	1620.315	62.6804	0.320485	1.9843	0.40127445	588.652974	1130.34594	0.25780593	2.07028238	0.34249232	8	2
1609.192	941.192	0.400528	0.8012266	645.274	1587.269	62.60386	0.3070834	1.95741	0.34423179	606.14598	1097.63229	0.24443807	2.04334792	0.328665	8	2
1609.344	941.344	0.366454	1.01621	643.7348	1582.012	59.6755	0.305042	1.93314	0.31018693	604.626753	1092.70536	0.24243019	2.01903375	0.3265596	8	2
1609.496	941.496	0.387791	1.32274	627.7158	1576.295	57.5676	0.313745	1.92934	0.33155307	588.627726	1087.31831	0.2511667	2.01518958	0.33555542	8	2
1609.649	941.649	0.444319	1.36623	611.5031	1588.648	58.8389	0.325255	1.95562	0.3881104	572.43513	1100.00332	0.26271043	2.04142512	0.34742649	8	2
1609.801	941.801	0.4788	1.11568	601.188	1592.146	59.1831	0.329921	1.9851	0.42262053	562.140001	1103.83104	0.26740994	2.07086096	0.35223404	8	2
1609.953	941.953	0.466649	0.9789026	594.8277	1596.068	59.48356	0.3204006	1.99606	0.41049867	555.799672	1108.08265	0.25792305	2.0817768	0.34243522	8	2
1610.106	942.106	0.427531	0.975902	587.6469	1596.085	57.9388	0.30119	2.001	0.37140999	548.638973	1108.4313	0.23874617	2.08667235	0.32259995	8	2
1610.258	942.258	0.448012	0.9563989	579.465	1603.013	58.95326	0.3068119	2.01031	0.39192012	540.477042	1115.68868	0.24440157	2.09593819	0.32841934	8	2
1610.411	942.411	0.462565	0.917231	575.1821	1611.579	57.9072	0.309192	2.02267	0.40650244	536.214242	1124.5861	0.24681539	2.10825374	0.33088387	2	1
1610.563	942.563	0.5164	0.8665339	577.8569	1623.055	59.27543	0.3352071	2.0247	0.46036657	538.90901	1136.39125	0.27286398	2.11023959	0.35769443	2	1
1610.716	942.716	0.505335	0.812042	583.446	1614.969	57.6937	0.332815	2.01463	0.44933089	544.518208	1128.63644	0.2705056	2.10012515	0.35524039	2	1
1610.868	942.868	0.470256	0.8135489	585.6679	1607.795	58.71658	0.3231165	1.99313	0.41428102	546.760075	1121.79135	0.26084059	2.078581	0.34526375	2	1
1611.02	943.02	0.456598	0.87959	583.2819	1602.888	58.3155	0.321299	1.98081	0.40065214	544.39404	1117.21315	0.25905657	2.06621685	0.34339603	2	1
1611.173	943.173	0.454206	0.8928143	579.7145	1601.818	57.94486	0.3165625	1.99098	0.39828946	540.846737	1116.47399	0.25435378	2.07634241	0.33851751	2	1
1611.325	943.325	0.4949	0.815619	579.1106	1596.803	57.2745	0.327177	2.0159	0.43901258	540.262801	1111.78756	0.26500176	2.10121827	0.34946001	2	1
1611.478	943.478	0.45755	0.783725	577.8602	1586.341	59.0819	0.30544	2.02666	0.40169189	539.032496	1101.65617	0.24329846	2.11193383	0.3270411	2	1
1611.63	943.63	0.464189	0.82004	573.0916	1566.045	61.0845	0.31026	2.02181	0.40836001	534.283858	1081.6885	0.24815193	2.10703969	0.33202703	2	1
1611.782	943.782	0.483559	0.86886	564.0071	1555.75	61.1128	0.320615	2.01881	0.42775912	525.21932	1071.72172	0.2585404	2.10399555	0.34271599	2	1
1611.935	943.935	0.520282	0.8912536	561.0995	1556.223	57.73835	0.3373746	2.02418	0.46451143	522.331813	1072.52499	0.27533369	2.10932113	0.35996628	2	1
1612.087	944.087	0.5017	0.87831	560.2527	1566.728	58.3035	0.325611	2.0311	0.44595855	521.504974	1083.35798	0.26360356	2.11619699	0.34787267	2	1
1612.24	944.24	0.502098	0.8602104	563.9974	1585.983	59.02087	0.3250503	2.03349	0.44638585	525.269765	1102.94301	0.26307655	2.11854257	0.34730031	2	1
1612.392	944.392	0.522284	0.837218	569.8556	1595.839	61.4705	0.335371	2.0339	0.46660096	531.147924	1113.12677	0.27343071	2.11890844	0.35792246	2	1
1612.544	944.544	0.530539	0.8151225	579.8392	1595.353	60.3376	0.3376277	2.04069	0.47488507	541.151482	1112.96841	0.27572087	2.12565431	0.36024611	2	1
1612.697	944.697	0.492422	0.799724	589.1631	1584.664	59.9644	0.319731	2.03472	0.43679737	550.495471	1102.6091	0.25785784	2.11963989	0.34183467	2	1
1612.849	944.849	0.4564	0.8219154	596.3538	1565.894	60.13313	0.3110705	2.0091	0.40080448	557.706128	1084.16652	0.2492308	2.09397577	0.33290399	8	2
1613.002	945.002	0.41636	0.888689	597.7224	1556.741	59.7937	0.307899	1.97105	0.36079377	559.094816	1075.34297	0.24609297	2.05588135	0.32963275	8	2
1613.154	945.154	0.415801	0.981185	592.4844	1552.891	59.19629	0.3145766	1.95323	0.36026388	553.876771	1071.82016	0.25280401	2.03801723	0.33653336	8	2
1613.306	945.306	0.42899	1.03361	595.0377	1552.166	58.6811	0.316585	1.96171	0.37348198	556.450026	1071.42223	0.25484586	2.04645312	0.33861044	8	2
1613.459	945.459	0.416131	0.95556	591.9462	1552.048	57.5201	0.305804	1.97627	0.36065227	553.378611	1071.63334	0.24409852	2.06096871	0.32748232	8	2

1613.611	945.611	0.3933	0.893995	586.8658	1557.181	59.2026	0.293783	1.9842	0.33785037	548.318165	1077.09318	0.23211096	2.06885459	0.31504374	8	2
1613.764	945.764	0.388021	0.924775	578.4871	1567.401	58.6399	0.285662	1.99974	0.33260066	539.959549	1087.64206	0.22402361	2.08435019	0.30662375	8	2
1613.916	945.916	0.446206	0.9600609	572.4352	1581.979	58.75061	0.3011475	2.02386	0.39081476	533.927601	1102.54667	0.23954255	2.10842608	0.32268093	8	2
1614.068	946.068	0.451436	0.863973	571.1749	1580.554	58.7603	0.29556	2.04681	0.39607385	532.687252	1101.44817	0.23398848	2.13133197	0.31690024	2	1
1614.221	946.221	0.411596	0.8197201	572.898	1570.807	59.75311	0.2759484	2.05069	0.35626314	534.430434	1092.0297	0.21441053	2.13516757	0.29654117	8	2
1614.373	946.373	0.4096	0.886045	576.6623	1571.024	61.0061	0.275184	2.0504	0.35429623	538.214683	1092.57298	0.21367955	2.13483347	0.2957506	8	2
1614.526	946.526	0.454918	0.9691434	580.3479	1585.051	58.37741	0.2982465	2.04383	0.39964351	541.920364	1106.92828	0.23677569	2.12821907	0.3196979	8	2
1614.678	946.678	0.439126	0.947435	578.6937	1600.594	56.7724	0.297581	2.02483	0.3838806	540.286112	1122.79732	0.23614361	2.10917497	0.31901372	8	2
1614.83	946.83	0.389233	0.9563693	575.3594	1615.681	56.62724	0.2860054	2.00007	0.33401669	536.971759	1138.21025	0.22460143	2.08437087	0.30701535	8	2
1614.983	946.983	0.409734	0.937031	581.8313	1630.407	59.5519	0.300285	1.98395	0.35454697	543.463737	1153.26421	0.23891466	2.06820648	0.32182324	8	2
1615.135	947.135	0.461	0.9234993	605.064	1620.909	58.7663	0.3195529	1.9912	0.40584205	566.716384	1144.09191	0.25821598	2.07541239	0.34173064	8	2
1615.288	947.288	0.484406	0.896842	641.7952	1576.574	56.9005	0.328114	1.99797	0.42927733	603.46766	1100.08464	0.2668107	2.08213801	0.35055357	8	2
1615.44	947.44	0.389576	0.935368	666.1503	1518.323	54.9523	0.292609	1.98361	0.33447641	627.842705	1042.15911	0.23133911	2.06773391	0.31388675	8	2
1615.592	947.592	0.307297	1.09942	665.0771	1474.969	53.3253	0.284263	1.94258	0.25222649	626.789449	999.130468	0.22302651	2.02665982	0.30523092	7	2
1615.745	947.745	0.30311	1.50682	642.2382	1494.358	53.4415	0.296246	1.91317	0.24806876	603.970623	1018.84685	0.23504313	1.99720545	0.31766591	7	2
1615.897	947.897	0.3695	1.810586	614.6144	1523.403	52.31447	0.3117163	1.9195	0.31448784	576.366766	1048.21698	0.25054683	2.00349136	0.33367046	8	2
1616.05	948.05	0.480257	1.39	594.9426	1565.126	56.148	0.342004	1.95287	0.4252741	556.715039	1090.26714	0.28086814	2.03681699	0.36485372	8	2
1616.202	948.202	0.490884	1.157022	585.4513	1574.47	57.80024	0.3342843	1.98904	0.43593018	547.24368	1099.93604	0.27318183	2.0729429	0.3569295	2	1
1616.354	948.354	0.504698	1.0182	583.2852	1560.253	59.9697	0.334707	2.0079	0.44977325	545.09752	1086.04384	0.27363792	2.09175882	0.35736891	2	1
1616.507	948.507	0.440754	0.9213604	581.7985	1540.401	60.92883	0.3036532	2.00999	0.38585851	543.630891	1066.51865	0.24261773	2.09380446	0.32535802	8	2
1616.659	948.659	0.410724	0.938272	575.3561	1520.679	61.0846	0.292671	2.0049	0.35585758	537.20843	1047.12121	0.23166891	2.08867038	0.31399099	8	2
1616.812	948.812	0.428329	1.003561	564.8901	1521.375	61.77289	0.2979212	2.01078	0.37349184	526.762499	1048.1438	0.23695271	2.09450602	0.31943592	8	2
1616.964	948.964	0.46554	0.967457	554.004	1535.199	60.8859	0.308058	2.03007	0.41073191	515.896337	1062.29213	0.24712289	2.11375194	0.32992658	2	1
1617.116	949.116	0.453079	0.9120589	549.1566	1540.226	60.11608	0.2950982	2.05041	0.39829998	511.068874	1067.64336	0.23419646	2.13404787	0.31652164	2	1
1617.269	949.269	0.439942	0.878852	550.4037	1535.474	61.2138	0.286556	2.05708	0.38519223	512.336041	1063.2176	0.22568786	2.14067352	0.30766707	2	1
1617.421	949.421	0.4748	0.86591	557.3876	1512.665	60.5993	0.304677	2.0536	0.4200793	519.339876	1040.7326	0.24384223	2.13714945	0.32644666	2	1
1617.574	949.574	0.466035	0.855916	574.8014	1497.572	61.5833	0.305736	2.03756	0.41134355	536.773742	1025.96561	0.24493481	2.12106509	0.32754658	8	2
1617.726	949.726	0.431328	0.813034	597.706	1477.594	59.3554	0.299678	2.00952	0.37666561	559.698276	1006.31138	0.23891018	2.09298103	0.32128471	8	2
1617.878	949.878	0.390605	0.8879414	622.4516	1479.596	60.93896	0.2950402	1.97847	0.33597167	584.463809	1008.63704	0.23430574	2.06188697	0.31648649	8	2
1618.031	950.031	0.397184	1.12189	649.0975	1464.844	59.7704	0.310269	1.94628	0.34257992	611.129773	994.210712	0.24956811	2.02965262	0.33224552	8	2
1618.183	950.183	0.3786	1.235146	664.6768	1466.242	57.49696	0.3197391	1.9072	0.32402497	626.729004	995.932144	0.25907157	1.99052857	0.34202191	8	2
1618.336	950.336	0.309377	1.15756	660.3381	1453.643	53.5778	0.319884	1.86298	0.25483122	622.410366	983.658589	0.25925004	1.94626422	0.34217625	7	2
1618.488	950.488	0.283741	1.418885	636.2553	1476.705	52.44636	0.3184526	1.85481	0.22922427	598.347497	1007.04379	0.25785199	1.93805017	0.34070551	7	2
1618.64	950.64	0.344074	2.09788	606.3636	1519.967	53.0214	0.312942	1.89855	0.28958632	568.475726	1050.62889	0.25237474	1.98174612	0.33502535	7	2
1618.793	950.793	0.436279	1.541907	585.8418	1547.804	55.10976	0.3184802	1.96464	0.38182056	547.973986	1078.79099	0.2579465	2.04779178	0.3407439	8	2
1618.945	950.945	0.4408	1.06843	573.6791	1566.728	57.6794	0.306223	2.003	0.38637061	535.831214	1098.03786	0.24572264	2.08610773	0.32809478	8	2
1619.098	951.098	0.440601	0.9279004	569.2222	1561.378	57.52574	0.3017324	2.01515	0.38620085	531.394373	1093.01274	0.2412656	2.0982134	0.32345567	8	2
1619.25	951.25	0.460568	0.917217	572.3597	1559.212	58.3246	0.305957	2.02928	0.4061969	534.551799	1091.16938	0.24552354	2.11229936	0.32782977	2	1
1619.402	951.402	0.482529	0.887823	582.8257	1546.039	59.025	0.31636	2.02998	0.42818694	545.037725	1078.31891	0.25595987	2.11295531	0.33857716	2	1
1619.555	951.555	0.438441	0.850958	593.7545	1519.436	63.1849	0.299431	2.01884	0.38412817	555.986582	1052.04045	0.23906442	2.10177099	0.32108881	8	2
1619.707	951.707	0.4188	0.892766	598.1456	1478.297	62.3855	0.303437	1.9853	0.36451621	560.397606	1011.22375	0.24310375	2.06818695	0.32523894	8	2
1619.859	951.859	0.406947	1.027601	591.3095	1457.969	59.26414	0.3044208	1.97046	0.35269225	553.58143	991.217946	0.24412087	2.05330291	0.32626134	8	2
1620.012	952.012	0.435477	1.20445	578.8809	1480.423	56.8204	0.312884	1.97869	0.38125148	541.172884	1013.99615	0.25261761	2.06148859	0.33501018	8	2
1620.164	952.164	0.467658	1.154449	570.9944	1500.643	57.05788	0.3152654	2.01214	0.41346152	533.306306	1034.53811	0.25503233	2.09489456	0.33747274	2	1
1620.317	952.317	0.503813	1.00191	570.7548	1520.374	58.8997	0.325707	2.03415	0.44964575	533.086759	1054.59309	0.26550747	2.11686024	0.34823945	2	1
1620.469	952.469	0.4801	0.9068158	577.7355	1517.079	59.20073	0.3127455	2.0372	0.42596178	540.08738	1051.61983	0.25257928	2.11986621	0.3348821	2	1
1620.622	952.622	0.454303	0.871156	583.7381	1522.55	57.9908	0.305844	2.02116	0.400194	546.110031	1057.41458	0.24571131	2.1037819	0.32775771	8	2
1620.774	952.774	0.453701	0.911659	586.4457	1532.816	58.93986	0.3113665	2.00483	0.39962103	548.837551	1068.00209	0.25126712	2.08740787	0.33346832	8	2
1620.926	952.926	0.475117	0.944646	584.7751	1532.107	57.7686	0.32449	1.9957	0.42106606	547.186869	1067.6145	0.26442392	2.07823385	0.34700608	2	1
1621.079	953.079	0.49575	0.9322035	581.3849	1517.594	60.16064	0.3326799	2.00069	0.44172828	543.816718	1053.42491	0.27264735	2.08317954	0.35543844	2	1
1621.231	953.231	0.4921	0.911932	577.4992	1511.592	55.3425	0.32509	2.018	0.43810731	539.950936	1047.74409	0.26509074	2.10044553	0.34763384	2	1
1621.384	953.384	0.489212	0.902507	573.8726	1515.395	56.3164	0.320479	2.02756	0.43524853	536.344383	1051.87028	0.26051326	2.10996122	0.34288867	2	1
1621.536	953.536	0.493892	0.895012	571.7722	1535.665	54.2754	0.322183	2.0295	0.43995755	534.263899	1072.46124	0.26225056	2.11185721	0.34464953	2	1
1621.688	953.688	0.480344	0.889105	572.4943	1547.758	57.1707	0.317294	2.02399	0.42643857	535.005914	1084.87508	0.25739485	2.10630319	0.33961488	2	1
1621.841	953.841	0.445384	0.8737032	577.1873	1551.92	56.57014	0.3018582	2.02081	0.39150778	539.71896	1089.35993	0.24199255	2.10307889	0.32367536	8	2
1621.993	953.993	0.4238	0.84822	583.9417	1542.025	59.7421	0.295839	2.0111	0.3699528	546.493273	1079.78555	0.23600664	2.09332489	0.31744864	8	2
1622.146	954.146	0.394816	0.8490474	589.6489	1516.229	60.23891	0.2881545	2.00004	0.34099801	552.220517	1054.31217	0.22835564	2.08222059	0.30948596	8	2
1622.298	954.298	0.358529	0.911648	591.6968	1472.245	59.1304	0.276372	1.9963	0.30474003	554.28833	1010.64857	0.21660642	2.07843659	0.29724744	8	2

1622.45	954.45	0.353716	0.9848117	585.4152	1451.349	55.81454	0.2722778	2.00231	0.29995604	548.026641	990.072862	0.2125455	2.08440259	0.29299021	8	2
1622.603	954.603	0.363568	1.02783	573.5969	1465.957	56.6178	0.271968	2.01147	0.30983725	536.228383	1005.00315	0.21226919	2.0935183	0.29267255	8	2
1622.755	954.755	0.3893	1.031127	560.6104	1499.416	58.18587	0.2774831	2.022	0.33559826	523.261793	1038.78221	0.21781756	2.1040043	0.29841841	8	2
1622.908	954.908	0.421471	0.955217	550.4496	1530.916	58.7806	0.286335	2.03415	0.36779846	513.121033	1070.60427	0.22670295	2.11611001	0.30762234	8	2
1623.06	955.06	0.428589	0.8889827	545.7598	1549.393	56.16264	0.2866043	2.04219	0.37494547	508.451142	1089.40111	0.22700552	2.12410602	0.30790688	2	1
1623.212	955.212	0.470006	0.865138	543.9055	1563.876	55.4668	0.305698	2.0434	0.41639148	506.61675	1104.20385	0.24613248	2.12527202	0.32769117	2	1
1623.365	955.365	0.477382	0.824332	546.5802	1578.864	56.5087	0.308415	2.04619	0.42379667	509.311488	1119.51357	0.24888296	2.12801774	0.33050412	2	1
1623.517	955.517	0.4926	0.785361	554.1681	1575.08	58.6888	0.313771	2.0534	0.43904368	516.919295	1116.04908	0.25427222	2.13518376	0.33603974	2	1
1623.67	955.67	0.46252	0.751626	573.1244	1550.121	61.0407	0.30285	2.04105	0.40899287	535.895631	1091.41158	0.24338469	2.12278948	0.324761	2	1
1623.822	955.822	0.438439	0.7296874	584.8768	1520.351	60.56307	0.3038463	2.00666	0.38494088	547.667936	1061.96087	0.24441425	2.08835549	0.32579641	8	2
1623.974	955.974	0.400357	0.798143	589.8392	1511.129	61.0247	0.301702	1.9709	0.34688788	552.650241	1053.05804	0.2423032	2.05255151	0.32358327	8	2
1624.127	956.127	0.436214	0.9527625	584.0761	1519.685	60.25846	0.3165296	1.9698	0.38277407	546.907175	1061.93521	0.25716426	2.05140724	0.33890573	8	2
1624.279	956.279	0.4718	0.994266	572.8455	1544.411	58.3378	0.324797	1.9904	0.41838906	535.696478	1086.98016	0.26546491	2.07196326	0.34743101	2	1
1624.432	956.432	0.415725	0.9416394	564.1681	1562.954	56.07839	0.29273	2.01022	0.36234325	527.039111	1105.8441	0.23343137	2.091739	0.31430634	8	2
1624.584	956.584	0.383951	0.889981	556.8625	1585.307	56.5628	0.278979	2.0128	0.33059824	519.753413	1128.51583	0.2197136	2.09427502	0.30003416	8	2
1624.736	956.736	0.415967	0.8737795	552.0118	1595.369	57.92534	0.2950933	2.00429	0.36264324	514.922614	1138.89646	0.23586114	2.08572105	0.31676556	2	1
1624.889	956.889	0.458065	0.817587	548.1523	1596.085	58.8517	0.316664	1.99553	0.40477042	511.083144	1139.93306	0.25746529	2.07691679	0.3390691	2	1
1625.041	957.041	0.4744	0.7822528	540.6793	1590.358	58.89892	0.3201864	2.0071	0.42113441	503.630044	1134.52446	0.26102092	2.08844282	0.34270581	2	1
1625.194	957.194	0.466432	0.779504	535.4611	1568.129	59.2973	0.309429	2.02732	0.41319559	498.431873	1112.61585	0.25029697	2.10861856	0.33161114	2	1
1625.346	957.346	0.484685	0.814471	538.2441	1533.101	60.1023	0.313323	2.04239	0.43147758	501.234771	1077.90603	0.25422419	2.1236446	0.33563678	2	1
1625.498	957.498	0.450023	0.8490848	560.9189	1440.026	56.65305	0.3034663	2.02225	0.39684456	523.929468	985.149094	0.24440071	2.10346063	0.32545797	8	2
1625.651	957.651	0.353731	0.902856	590.5776	1336.173	51.8528	0.288857	1.96224	0.30058174	553.608195	881.616143	0.22982485	2.04340638	0.31032941	8	2
1625.803	957.803	0.2449	1.13946	619.8293	1256.679	44.63947	0.3031661	1.8755	0.19177972	582.879791	802.439991	0.24416717	1.95662242	0.3251574	7	2
1625.956	957.956	0.190318	1.72832	639.8096	1235.281	41.3481	0.334536	1.79891	0.13722689	602.880117	781.361818	0.2755705	1.87998818	0.35750435	10	3
1626.108	958.108	0.163243	3.931672	648.7561	1258.188	38.65742	0.3513153	1.76236	0.11018087	611.846511	804.586445	0.29238301	1.84339422	0.37472735	10	3
1626.26	958.26	0.166634	5.85124	654.004	1298.372	37.8036	0.347885	1.76966	0.11360085	617.114305	845.087961	0.28898592	1.85065027	0.37121663	10	3
1626.413	958.413	0.187849	8.56321	658.162	1328.09	37.90509	0.3301135	1.80821	0.13484502	621.292328	875.125455	0.27124784	1.88915603	0.35297184	10	3
1626.565	958.565	0.2598	7.89214	664.6177	1333.889	41.7633	0.312055	1.8604	0.206825	627.767921	881.241751	0.25322254	1.94130208	0.33436746	10	3
1626.718	958.718	0.298644	4.182996	671.9888	1324.975	47.4757	0.3059776	1.88909	0.24569816	635.159043	872.647024	0.24717856	1.96994784	0.32809425	10	3
1626.87	958.87	0.288716	2.62376	669.9902	1328.989	50.2297	0.31301	1.86893	0.23579913	633.180333	876.978099	0.25424416	1.94974389	0.33536319	10	3
1627.022	959.022	0.281057	3.058766	667.7256	1357.191	50.19568	0.3225616	1.8447	0.2281691	630.935623	905.497065	0.26382895	1.92546995	0.3452175	10	3
1627.175	959.175	0.316387	4.44503	669.744	1376.075	48.4248	0.328341	1.84739	0.26352827	632.974043	924.700005	0.26964176	1.92811572	0.35117289	10	3
1627.327	959.327	0.2742	4.1945	679.639	1365.756	45.6528	0.306713	1.8771	0.22137023	642.888932	914.69775	0.24804695	1.95778178	0.32887415	10	3
1627.479	959.479	0.190535	4.249673	681.8937	1289.803	42.46581	0.27969	1.91654	0.1377342	645.16352	839.061386	0.22105714	1.99717784	0.30086812	10	3
1627.632	959.632	0.153629	6.158171	678.1161	1235.002	39.4852	0.267234	1.94298	0.10085736	641.405938	784.578995	0.20863454	2.02357361	0.28790374	10	3
1627.784	959.784	0.155312	12.54751	668.5987	1222.708	37.82631	0.2678553	1.94157	0.10256932	631.908424	772.601411	0.20928902	2.02211968	0.28855654	10	3
1627.937	959.937	0.170563	23.0547	656.9511	1276.593	40.0776	0.284529	1.90539	0.11784947	620.28084	826.804798	0.22599611	1.98589546	0.30591136	10	3
1628.089	960.089	0.2132	18.57574	647.5977	1344.391	41.14746	0.29516	1.886	0.16051544	610.947325	894.918994	0.23666029	1.96646153	0.3169439	10	3
1628.242	960.242	0.276745	11.0269	644.9689	1371.135	43.5947	0.29139	1.912	0.22408959	608.33854	921.981161	0.23292368	1.99241731	0.31304123	10	3
1628.394	960.394	0.32033	5.51105	647.5024	1362.429	43.71556	0.2839561	1.95084	0.26770354	610.891924	913.591138	0.22552295	2.03121338	0.30533125	10	3
1628.546	960.546	0.325087	3.60845	658.9891	1344.752	46.4115	0.276573	1.971	0.2724895	622.398506	896.230005	0.21817302	2.05132946	0.29766109	7	2
1628.699	960.699	0.308839	3.009618	656.9249	1347.368	45.97501	0.2696259	1.97699	0.25627065	620.354319	899.163841	0.2112593	2.05727525	0.29043214	7	2
1628.851	960.851	0.3175	2.60061	661.6934	1346.659	47.3543	0.276998	1.9652	0.2649606	625.142701	898.770489	0.21866456	2.04544133	0.29811322	7	2
1629.004	961.004	0.294293	2.466169	667.5779	1340.837	47.87203	0.2889673	1.92526	0.24178274	631.047212	893.266104	0.23066723	2.00545712	0.31055318	7	2
1629.156	961.156	0.278625	2.97211	690.4167	1321.631	49.2855	0.316749	1.85661	0.22614369	653.905892	874.375534	0.25848209	1.9367632	0.3392951	10	3
1629.308	961.308	0.266636	4.52278	705.8024	1312.885	46.5793	0.340203	1.80096	0.21418364	669.311471	865.944855	0.28196924	1.88106929	0.36343376	10	3
1629.461	961.461	0.226529	7.935783	713.4034	1312.409	41.99345	0.3476991	1.77498	0.17410578	676.93248	865.78614	0.28949871	1.85504509	0.37112915	10	3
1629.613	961.613	0.2076	14.5016	711.9297	1322.553	39.9415	0.347896	1.7718	0.15520573	675.478658	876.245242	0.28972876	1.85182117	0.3713359	10	3
1629.766	961.766	0.199234	19.50319	711.3095	1345.848	41.25039	0.3432214	1.78096	0.14686887	674.878466	899.857307	0.28508752	1.86093698	0.36654647	10	3
1629.918	961.918	0.197601	26.3235	712.2284	1365.379	41.742	0.338764	1.79039	0.14526481	675.817242	919.70319	0.28066326	1.87032307	0.36197587	10	3
1630.07	962.07	0.19079	38.05397	718.8416	1387.02	41.44017	0.3354889	1.7969	0.13848275	682.450317	941.658965	0.2774213	1.87678916	0.35861644	10	3
1630.223	962.223	0.18442	58.22811	728.4345	1401.034	38.7836	0.336575	1.79421	0.13214188	692.063223	955.989701	0.27854075	1.87405497	0.35973729	10	3
1630.375	962.375	0.1894	77.02515	739.3732	1415.281	37.99385	0.3371187	1.7933	0.13715082	703.021797	970.551257	0.27911759	1.87310107	0.36030074	10	3
1630.528	962.528	0.182826	78.4544	747.3745	1423.722	36.1779	0.331762	1.80446	0.13060595	711.043101	979.308774	0.27379423	1.88421688	0.35480021	10	3
1630.68	962.68	0.171318	74.42041	755.7795	1409.101	36.55297	0.321409	1.82636	0.11912689	719.467974	965.002112	0.26347436	1.90607298	0.34414833	10	3
1630.832	962.832	0.174198	68.3469	757.4336	1372.058	36.3861	0.316418	1.83709	0.12203582	721.141946	928.273342	0.25851649	1.91675909	0.33900795	10	3
1630.985	962.985	0.171706	93.85417	753.2064	1344.22	36.55156	0.3201358	1.82912	0.11957295	716.934748	900.75153	0.26226763	1.90874491	0.34284612	10	3
1631.137	963.137	0.1854	90.17361	745.6185	1344.033	34.5083	0.329836	1.8087	0.13329588	709.366718	900.878542	0.27200095	1.88828101	0.35283898	10	3

1631.29	963.29	0.183209	196.47	735.5038	1349.147	36.643	0.336434	1.79446	0.131134	699.272019	906.308511	0.27863228	1.87399684	0.35962682	10	3
1631.442	963.442	0.198276	70.06276	727.1415	1360.722	36.40265	0.3365919	1.7951	0.14622993	690.929588	918.197306	0.27882329	1.87459295	0.35979394	10	3
1631.594	963.594	0.203975	46.97561	711.8804	1376.784	39.461	0.327753	1.81467	0.15195786	675.688356	934.572993	0.27001751	1.89411906	0.35071055	10	3
1631.747	963.747	0.250588	26.60091	695.7992	1406.974	38.02734	0.3126645	1.8563	0.19859997	659.627155	965.078634	0.25496233	1.93570489	0.33516459	10	3
1631.899	963.899	0.3141	15.6613	682.3334	1425.425	40.7043	0.298311	1.9143	0.2621409	646.181222	983.843103	0.24064194	1.99366101	0.32033128	10	3
1632.052	964.052	0.366191	11.32275	675.7237	1419.603	42.96448	0.2949491	1.95733	0.31426101	639.591518	978.336525	0.23731336	2.03664684	0.31685424	10	3
1632.204	964.204	0.386767	5.81312	676.1011	1385.504	47.5534	0.296273	1.97178	0.33486593	639.988784	944.550778	0.23867036	2.05105296	0.31823067	7	2
1632.356	964.356	0.378321	3.982956	679.1894	1371.119	47.634	0.2985352	1.95868	0.32644885	643.096949	930.478922	0.24096565	2.03790908	0.32057822	7	2
1632.509	964.509	0.391458	2.68919	684.1287	1366.603	49.0017	0.307526	1.94793	0.33961496	648.056243	926.278018	0.24998977	2.02711492	0.32988238	7	2
1632.661	964.661	0.3613	2.393495	684.0926	1378.523	49.18371	0.2946252	1.9542	0.30948588	648.040007	938.510945	0.23712206	2.03334105	0.31653841	7	2
1632.814	964.814	0.334308	2.33819	684.0926	1383.873	51.569	0.283572	1.96077	0.28252299	648.06	944.175823	0.22610216	2.03986689	0.30507631	7	2
1632.966	964.966	0.300527	2.45732	678.1096	1397.489	49.32019	0.2742513	1.9617	0.2487709	642.096862	958.104534	0.21681455	2.04075302	0.29538917	7	2
1633.118	965.118	0.328	2.48296	672.9144	1403.088	48.1888	0.283347	1.9571	0.27627282	636.921523	964.016137	0.22594333	2.03610915	0.30485248	7	2
1633.271	965.271	0.3279	2.26766	676.3046	1378.586	47.2848	0.281781	1.96069	0.27620192	640.331714	939.828688	0.22441063	2.039655	0.30323044	7	2
1633.423	965.423	0.3007	2.228083	681.9824	1352.865	44.90247	0.2749443	1.9602	0.24903083	646.029374	914.420075	0.21760701	2.03912114	0.29612541	7	2
1633.576	965.576	0.285162	2.67011	682.2809	1328.024	42.991	0.275353	1.95144	0.23352193	646.347864	889.893409	0.218049	2.03031699	0.29655575	10	3
1633.728	965.728	0.293187	3.696971	678.4083	1326.137	42.37048	0.2827731	1.93862	0.24157584	642.495122	888.31858	0.22550218	2.01745313	0.30427614	10	3
1633.88	965.88	0.311379	4.528759	669.9507	1338.441	44.7241	0.287959	1.93641	0.25979674	634.05738	900.934644	0.23072114	2.01519927	0.30966561	10	3
1634.033	966.033	0.298431	4.713105	656.5605	1349.38	44.44709	0.2815158	1.94408	0.24687784	620.687167	912.187652	0.22431123	2.02282513	0.30297965	10	3
1634.185	966.185	0.296002	3.81859	645.5432	1359.78	45.1849	0.277514	1.95189	0.24447774	609.689723	922.899499	0.22034249	2.03059127	0.29882397	10	3
1634.338	966.338	0.309147	3.311476	643.6921	1370.843	47.41187	0.2834756	1.94543	0.25765183	607.858609	934.27629	0.22633737	2.02408713	0.30502576	7	2
1634.49	966.49	0.316488	2.9859	644.959	1380.656	48.8721	0.296685	1.91934	0.26502173	609.145364	944.400922	0.23957983	1.99795329	0.31873156	7	2
1634.642	966.642	0.264811	3.289762	640.4167	1367.827	47.74726	0.2957118	1.89791	0.21337363	604.622918	931.883447	0.23863969	1.97647944	0.31772845	10	3
1634.795	966.795	0.209378	3.93497	631.3587	1321.51	44.0884	0.286727	1.90358	0.15796972	595.584902	885.879913	0.22968816	1.9821053	0.30841673	10	3
1634.947	966.947	0.1947	5.17701	619.4421	1282.573	43.64211	0.265816	1.9467	0.14332061	583.688154	847.254223	0.20881021	2.02518146	0.28666413	10	3
1635.1	967.1	0.263325	6.509611	618.4608	1275.441	43.5261	0.259596	1.97708	0.2119747	582.726837	840.435473	0.20262347	2.05551733	0.28017633	10	3
1635.252	967.252	0.342037	5.07402	622.3073	1310.469	45.6875	0.278977	1.9771	0.29071559	586.593188	875.774567	0.22203752	2.05549349	0.30038021	7	2
1635.404	967.404	0.364591	3.727815	628.8152	1357.677	45.45356	0.3006935	1.94218	0.31329848	593.120938	923.293555	0.24378706	2.02052965	0.32291095	7	2
1635.557	967.557	0.353128	3.34339	629.2321	1407.404	45.5261	0.308757	1.91447	0.30186456	593.557819	973.33348	0.25188381	1.99277553	0.33125282	7	2
1635.709	967.709	0.2899	3.389042	623.0259	1419.459	45.88194	0.2920499	1.9162	0.23866545	587.371468	985.699253	0.23520975	1.99446169	0.31396813	10	3
1635.862	967.862	0.278745	3.40429	615.5399	1429.918	46.5503	0.28069	1.93662	0.22753953	579.905446	996.470962	0.2238831	2.01483757	0.30218088	7	2
1636.014	968.014	0.290281	3.132363	611.5753	1409.944	47.16383	0.2727066	1.95986	0.23910441	575.960694	976.80752	0.21593273	2.03803374	0.29388025	7	2
1636.166	968.166	0.299578	2.9422	624.1746	1388.169	46.4508	0.274726	1.96009	0.2484303	588.579841	955.342972	0.21798516	2.03821992	0.29598755	7	2
1636.319	968.319	0.271567	2.867884	642.4942	1358.904	44.42365	0.273799	1.94893	0.22044837	606.919417	926.390357	0.2170914	2.0270158	0.29502758	10	3
1636.471	968.471	0.2416	3.21751	664.214	1339.143	44.6045	0.278797	1.9276	0.19051025	628.659063	906.939594	0.22212243	2.00564198	0.30023269	10	3
1636.624	968.624	0.22407	3.91896	677.1218	1333.436	43.7682	0.284229	1.91156	0.17300932	641.586838	901.544765	0.22758766	1.98955787	0.30588256	10	3
1636.776	968.776	0.19884	4.54881	672.7109	1308.631	42.4471	0.284691	1.90661	0.1478082	637.195782	877.049788	0.22808268	1.98456405	0.30636727	10	3
1636.928	968.928	0.181308	7.164641	650.1149	1258.878	40.84491	0.2708301	1.93496	0.13030508	614.619625	827.606704	0.21425479	2.01287023	0.29195553	10	3
1637.081	969.081	0.186085	10.2409	622.6912	1216.118	38.3571	0.25347	1.97248	0.13511114	587.215898	785.158551	0.19692792	2.05034612	0.27383665	10	3
1637.233	969.233	0.2166	8.72852	601.7559	1237.223	41.1988	0.244652	1.9956	0.16565502	566.30044	806.573254	0.18814293	2.07342231	0.2646052	10	3
1637.385	969.385	0.30634	4.131048	589.534	1310.085	43.11563	0.2542287	2.01104	0.25542389	554.098381	879.74485	0.19775264	2.0888185	0.27464031	7	2
1637.538	969.538	0.391632	2.18941	586.8165	1423.065	50.1478	0.280102	2.01759	0.34074495	551.400852	993.036375	0.22365916	2.0953244	0.30162415	8	2
1637.69	969.69	0.432658	1.436678	586.7574	1492.524	55.38736	0.293094	2.02919	0.38179982	551.361591	1062.80476	0.23668416	2.10688059	0.31511466	8	2
1637.843	969.843	0.406363	1.11463	592.8782	1510.236	58.451	0.284351	2.02212	0.35553388	557.502361	1080.82807	0.22797437	2.09976649	0.30604883	8	2
1637.995	969.995	0.41	0.9949866	599.5766	1501.687	58.33631	0.2889693	2.0139	0.35919975	564.220599	1072.58824	0.23262567	2.09150269	0.31084741	8	2
1638.148	970.148	0.41239	1.00199	605.9961	1481.362	57.6054	0.294328	2.00235	0.3616188	570.660067	1052.57433	0.23801758	2.0799086	0.31640834	8	2
1638.3	970.3	0.401617	1.108514	612.514	1452.563	56.55501	0.2985706	1.98014	0.35087467	577.197804	1024.08429	0.24229317	2.05765479	0.32080742	8	2
1638.452	970.452	0.366586	1.23289	617.5386	1418.727	56.6946	0.299263	1.94719	0.31587253	582.24224	990.557139	0.24301855	2.024661	0.32152908	8	2
1638.605	970.605	0.349541	1.39992	620.9912	1396.718	55.4941	0.300927	1.93044	0.29885658	585.714806	968.858914	0.24471576	2.00786691	0.32325611	8	2
1638.757	970.757	0.3588	1.55873	616.1044	1378.763	55.8177	0.303638	1.9307	0.30814444	580.84784	951.212551	0.24745974	2.00808311	0.32606533	8	2
1638.91	970.91	0.38619	1.675563	606.6557	1387.44	54.67479	0.3077126	1.94285	0.33556349	571.419105	960.200111	0.25156753	2.02018903	0.33028209	8	2
1639.062	971.062	0.42973	1.629513	593.9875	1402.727	57.64994	0.3197123	1.95428	0.37913235	558.770738	975.795536	0.26360021	2.03157524	0.34267014	8	2
1639.214	971.214	0.415868	1.33851	594.8047	1440.141	58.8262	0.310102	1.96483	0.3652992	559.60777	1013.51785	0.25402288	2.04208145	0.33276009	8	2
1639.367	971.367	0.395948	1.195502	595.576	1463.082	56.92321	0.2940598	1.98605	0.34540825	560.399032	1036.76909	0.23801387	2.06325738	0.31616987	8	2
1639.519	971.519	0.3762	1.17282	595.5169	1463.137	54.1852	0.282573	1.9964	0.3256891	560.359763	1037.1322	0.22656004	2.07356359	0.30425636	8	2
1639.672	971.672	0.402993	1.144241	591.2996	1458.264	54.62112	0.2880969	2.00865	0.35251114	556.162424	1032.56923	0.23211712	2.08576952	0.30999661	8	2
1639.824	971.824	0.424882	1.13321	591.2241	1449.065	56.518	0.296712	2.01	0.37442899	556.106754	1023.67812	0.24076518	2.08707574	0.3189322	8	2
1639.976	971.976	0.4278	1.124485	600.8599	1436.587	55.47368	0.3051032	1.99081	0.37737584	565.762383	1011.50791	0.24918934	2.06784196	0.32761964	8	2

1640.129	972.129	0.365699	1.09355	620.4562	1400.482	55.3211	0.304159	1.93468	0.31530387	585.378641	975.712615	0.24827831	2.01166789	0.32664837	8	2
1640.281	972.281	0.2672	1.16606	634.0663	1369.216	55.82645	0.3041097	1.8803	0.21683372	599.008569	944.754191	0.24826197	1.95724411	0.3266023	7	2
1640.434	972.434	0.262917	1.41386	630.7384	1352.219	56.3829	0.307432	1.87154	0.21257975	595.700626	928.066684	0.25161743	1.94844005	0.33004131	7	2
1640.586	972.586	0.299441	1.78094	614.1647	1373	55.9138	0.297443	1.90864	0.24913259	579.146752	949.155049	0.24166138	1.98549628	0.31971383	7	2
1640.738	972.738	0.393268	1.76473	599.2189	1391.618	56.0549	0.308798	1.94639	0.34298844	564.220777	968.080308	0.25304933	2.02320251	0.33146238	8	2
1640.891	972.891	0.353695	1.679466	600.3479	1350.102	56.21989	0.2989832	1.93802	0.30344446	565.369732	926.873482	0.24326769	2.01478845	0.32131826	8	2
1641.043	973.043	0.2481	1.674969	617.6567	1262.527	54.83395	0.2941999	1.8959	0.1978783	582.698356	839.60553	0.23851733	1.97262469	0.31636924	7	2
1641.196	973.196	0.200789	1.88612	635.4873	1183.003	53.1517	0.310316	1.85178	0.15059633	600.548909	760.390491	0.25466658	1.92846063	0.33304496	10	3
1641.348	973.348	0.201998	2.776956	641.5753	1161.831	48.2652	0.3145515	1.84281	0.15183416	606.656732	739.525327	0.25893501	1.91944687	0.33742176	10	3
1641.5	973.5	0.253118	4.503951	635.4283	1182.911	45.5178	0.317641	1.8462	0.202983	600.529554	760.912059	0.26205745	1.92279311	0.34061327	10	3
1641.653	973.653	0.264173	4.578497	628.3557	1176.731	43.60563	0.3203685	1.84361	0.21406702	593.476905	755.040702	0.26481809	1.92015906	0.34342976	10	3
1641.805	973.805	0.2833	4.72668	626.1897	1165.021	45.5207	0.328468	1.8325	0.23322285	591.330725	743.637222	0.27295052	1.9090053	0.35177479	10	3
1641.958	973.958	0.329614	3.995961	621.4932	1202.937	48.64968	0.3311122	1.84804	0.27956587	586.654175	781.861653	0.27562786	1.92450126	0.35449958	10	3
1642.11	974.11	0.358853	3.29342	610.1576	1292.688	52.7439	0.315143	1.90341	0.3088337	575.338394	871.918962	0.25969158	1.97982751	0.33805652	7	2
1642.262	974.262	0.403347	2.236171	591.3784	1401.306	57.59997	0.3017094	1.97379	0.35335652	556.579012	980.843167	0.2462909	2.05016376	0.32418365	8	2
1642.415	974.415	0.432905	1.67428	575.8779	1471.027	58.9349	0.29223	2.03191	0.38294354	541.09846	1050.87228	0.23684463	2.10823972	0.31437192	8	2
1642.567	974.567	0.4613	1.26017	565.8615	1500.729	58.4063	0.300438	2.0464	0.41136736	531.101877	1080.88027	0.24508554	2.12268597	0.32287802	2	1
1642.72	974.72	0.458013	1.00726	565.6252	1505.605	60.1105	0.299088	2.0457	0.40810937	530.885523	1086.06418	0.24376867	2.12194194	0.32148577	2	1
1642.872	974.872	0.434819	0.9517523	569.1992	1504.552	59.11484	0.2916568	2.03591	0.38494419	534.479338	1085.31696	0.23637037	2.1121082	0.31379244	8	2
1643.024	975.024	0.421979	0.9634142	578.999	1502.632	60.41284	0.2863553	2.03469	0.37213301	544.298953	1083.70264	0.23110178	2.11084445	0.30829764	8	2
1643.177	975.177	0.396162	1.00577	592.6222	1491.808	56.9687	0.27925	2.02452	0.34634502	557.942097	1073.18622	0.2240296	2.10063043	0.30092133	8	2
1643.329	975.329	0.3786	1.040601	608.5854	1466.718	59.50872	0.2836549	1.9959	0.32881184	573.92511	1048.40169	0.22846739	2.07196669	0.30550364	8	2
1643.482	975.482	0.358381	1.11963	618.4509	1413.823	57.5324	0.28858	1.96652	0.30862184	583.810553	995.814064	0.23342561	2.04254267	0.31062111	8	2
1643.634	975.634	0.340029	1.324078	618.6708	1365.356	58.19738	0.2895519	1.95063	0.29029866	584.050264	947.652323	0.2344304	2.02660893	0.31163424	8	2
1643.786	975.786	0.342283	1.6564	609.2255	1330.686	55.3012	0.28565	1.96143	0.29258147	574.624775	913.287478	0.23056139	2.0373652	0.30759012	8	2
1643.939	975.939	0.393776	1.838721	597.9324	1340.312	55.53865	0.2949756	1.98165	0.34410347	563.351616	923.220535	0.23992009	2.05754118	0.31726647	8	2
1644.091	976.091	0.4266	1.6397	588.894	1383.656	55.5947	0.304489	1.9911	0.37695628	554.333025	966.86948	0.24946638	2.06694745	0.32711727	8	2
1644.244	976.244	0.415146	1.346242	584.2599	1451.526	56.80621	0.296826	1.99877	0.36553127	549.718864	1035.04633	0.24183648	2.07457344	0.31919296	8	2
1644.396	976.396	0.444153	1.13132	581.7394	1492.55	58.0668	0.304289	2.01248	0.39456708	547.218172	1076.37506	0.24933236	2.08823972	0.32692031	8	2
1644.548	976.548	0.468152	1.02128	584.4831	1517.335	58.5034	0.311948	2.02238	0.41859489	549.98168	1101.46469	0.25702423	2.09809599	0.33483779	2	1
1644.701	976.701	0.438196	0.956401	587.6305	1526.6	58.8235	0.301712	2.01223	0.38866788	553.149017	1111.03622	0.24682132	2.08790198	0.32426494	8	2
1644.853	976.853	0.4376	0.958898	593.19	1507.056	57.7331	0.305289	2.0017	0.38810068	558.728323	1091.79665	0.2504312	2.07732827	0.32796884	8	2
1645.005	977.005	0.412501	0.9703729	602.4024	1450.479	55.96906	0.2988954	1.99045	0.36303048	567.960528	1035.52396	0.24407046	2.06603455	0.32136007	8	2
1645.158	977.158	0.357644	0.960208	606.613	1386.931	55.9161	0.28561	1.97311	0.30820247	572.191063	972.282179	0.23081815	2.04865055	0.30759294	8	2
1645.31	977.31	0.343321	1.064826	603.6757	1362.32	55.31173	0.2964025	1.9368	0.29390827	569.273566	947.975288	0.24164351	2.01229683	0.31878873	8	2
1645.463	977.463	0.370136	1.35504	582.5008	1393.961	55.2307	0.306951	1.93141	0.32075225	548.1186	979.922293	0.25222508	2.00686284	0.3297062	8	2
1645.615	977.615	0.4492	1.547688	559.954	1471.966	55.97438	0.3244739	1.9633	0.39984505	525.591602	1058.23119	0.26978084	2.03870913	0.34778588	8	2
1645.768	977.768	0.489638	1.13736	539.6292	1537.224	59.945	0.326855	2.00912	0.44031203	505.286734	1123.79499	0.27219501	2.08448513	0.35024196	2	1
1645.92	977.92	0.498087	0.9515985	526.1437	1581.93	62.70959	0.3234506	2.03206	0.44878982	491.821035	1168.80468	0.26882347	2.10738143	0.34674188	1	1
1646.072	978.072	0.481725	0.865332	522.4844	1590.351	61.0765	0.309204	2.05041	0.43245661	488.181535	1177.52927	0.25460971	2.12568772	0.33205337	2	1
1646.225	978.225	0.512326	0.8083856	525.8746	1585.356	56.73752	0.3228356	2.05728	0.46308659	491.591665	1172.83975	0.26827438	2.13251373	0.34611823	4	1
1646.377	978.377	0.4787	0.805305	529.7014	1565.297	53.8973	0.303601	2.0629	0.42948938	495.438264	1153.08413	0.24907262	2.13809003	0.32627265	8	2
1646.53	978.53	0.458182	0.820088	525.0673	1561.254	50.8332	0.295054	2.05782	0.40900035	490.824092	1149.3464	0.24055868	2.13296605	0.31743123	7	2
1646.682	978.682	0.462293	0.832979	511.4046	1566.718	51.3406	0.296273	2.0602	0.41314014	477.181189	1155.11358	0.24181052	2.13530235	0.31869881	7	2
1646.834	978.834	0.49303	0.826805	499.196	1590.515	52.8105	0.30989	2.06631	0.44390592	464.992386	1179.21364	0.25546035	2.14136866	0.33278634	8	2
1646.987	978.987	0.511939	0.7818313	489.8129	1614.506	57.5236	0.3186327	2.07039	0.46284389	455.629212	1203.5096	0.2642361	2.14540468	0.34181184	4	1
1647.139	979.139	0.5174	0.734936	486.8592	1633.2	57.8984	0.321957	2.0691	0.46833367	452.695307	1222.50646	0.26759323	2.14407099	0.34524247	4	1
1647.292	979.292	0.552659	0.7082244	489.3534	1619.652	57.03371	0.3407896	2.07099	0.50362164	455.209432	1209.26321	0.28645887	2.14591702	0.36461262	8	2
1647.444	979.444	0.468768	0.686517	502.1825	1533.144	53.9255	0.299084	2.06141	0.41975942	468.058326	1123.05787	0.2447861	2.13629333	0.32163381	6	1
1647.596	979.596	0.36814	0.6820067	525.5628	1405.284	55.67081	0.2704456	2.01939	0.31916019	491.458419	995.500417	0.21618052	2.09422964	0.29190138	8	2
1647.749	979.749	0.26822	0.81846	549.8522	1270.361	55.0638	0.273679	1.94783	0.21926916	515.767741	860.881853	0.21944695	2.02262568	0.2952736	8	2
1647.901	979.901	0.2152	1.232987	579.2878	1174.214	48.62772	0.291975	1.8932	0.16627793	545.223133	765.037196	0.23777577	1.96795199	0.31428456	7	2
1648.054	980.054	0.159523	2.49607	596.8788	1158.638	39.1688	0.295749	1.88155	0.11062989	562.834054	749.765424	0.2415828	1.95625803	0.31820025	10	3
1648.206	980.206	0.124855	3.975501	602.2513	1209.81	32.03641	0.2810757	1.91664	0.07599066	568.226344	801.23956	0.22694231	1.99130435	0.30298168	10	3
1648.358	980.358	0.157579	6.28857	608.8973	1279.025	31.1693	0.258148	1.96223	0.10874343	574.892133	870.756593	0.20404742	2.03685068	0.27909536	10	3
1648.511	980.511	0.256762	6.17889	625.2543	1321.257	36.3563	0.249154	1.99761	0.20795539	591.269052	913.292509	0.19508644	2.07218672	0.26969154	10	3
1648.663	980.663	0.3854	3.92366	655.9633	1330.666	44.5667	0.29273	1.9794	0.33662215	621.99784	923.003335	0.23869524	2.05393305	0.31509171	7	2
1648.816	980.816	0.351137	2.45922	684.3748	1332.094	49.5488	0.305849	1.91994	0.30238811	650.429258	924.735043	0.25184726	1.99442909	0.32867505	7	2

1648.968	980.968	0.250162	2.041626	693.2457	1385.595	48.87125	0.3134014	1.8546	0.20144187	659.319944	978.537662	0.25943246	1.92904542	0.33647972	10	3
1649.12	981.12	0.251176	2.33065	676.2553	1463.928	45.3156	0.315101	1.85118	0.20248463	642.34933	1057.17218	0.26116485	1.92558176	0.33823819	10	3
1649.273	981.273	0.298586	2.746819	640.4792	1512.307	47.51642	0.3004011	1.90158	0.24992358	606.593146	1105.85458	0.24649796	1.97593781	0.3230557	7	2
1649.425	981.425	0.4041	1.78362	610.6171	1515.412	54.2805	0.305527	1.9648	0.35546634	576.75083	1109.26089	0.25165665	2.03911415	0.32836178	8	2
1649.578	981.578	0.415654	1.300716	593.2031	1478.92	59.93027	0.2962352	2.00086	0.36704929	559.356744	1073.07207	0.24239785	2.0751302	0.31875286	8	2
1649.73	981.73	0.414801	1.24728	585.5662	1458.159	63.2652	0.288998	2.01917	0.36622504	551.739627	1052.61218	0.23519343	2.09339654	0.31125631	8	2
1649.882	981.882	0.425194	1.231425	579.6652	1444.611	61.50043	0.2903644	2.0276	0.3766468	545.858409	1039.36518	0.23659261	2.10178289	0.3126784	8	2
1650.035	982.035	0.421213	1.22551	591.8379	1425.727	61.7878	0.288369	2.0283	0.37269474	558.051021	1020.78406	0.23463021	2.10243895	0.3106136	8	2
1650.187	982.187	0.419	1.21575	603.8727	1389.147	62.07363	0.294171	2.0101	0.37051049	570.105602	984.504854	0.24046498	2.0841953	0.31663409	8	2
1650.34	982.34	0.397287	1.25304	629.5471	1356.341	62.859	0.299178	1.97434	0.34882643	595.799912	952.001525	0.24550497	2.04839136	0.3218242	8	2
1650.492	982.492	0.354534	1.29347	629.1729	1360.978	62.3141	0.300417	1.93523	0.30610218	595.445491	956.939115	0.24677674	2.00923771	0.32311131	8	2
1650.644	982.644	0.346906	1.38225	616.3276	1404.552	60.2467	0.304438	1.92034	0.29850292	582.61997	1000.8136	0.25083051	1.99430406	0.32727513	8	2
1650.797	982.797	0.354083	1.53677	593.6036	1420.138	58.4023	0.287367	1.96609	0.30570886	559.915878	1016.70196	0.23379249	2.04001013	0.30959846	8	2
1650.949	982.949	0.3579	1.42741	591.5195	1397.023	55.75169	0.270515	2.0101	0.3095546	557.851556	993.887246	0.21697325	2.08397649	0.29208214	8	2
1651.102	983.102	0.307103	1.35406	611.49	1353.282	54.2399	0.250525	2.02006	0.25878654	577.841962	950.4484	0.19701622	2.09389256	0.27121137	8	2
1651.254	983.254	0.265766	1.305644	644.6932	1307.827	50.24546	0.2568545	1.98416	0.21747828	611.064938	905.293477	0.20337848	2.05794893	0.27783749	7	2
1651.406	983.406	0.208506	1.38743	666.7542	1309.711	42.7138	0.261209	1.9584	0.16024702	633.145713	907.477452	0.20776573	2.03214529	0.28239146	7	2
1651.559	983.559	0.212291	1.490595	660.5743	1338.714	37.6239	0.2614519	1.9585	0.16406094	626.985718	936.782297	0.2080416	2.03220137	0.28265002	10	3
1651.711	983.711	0.246173	1.71172	630.2132	1403.771	36.2462	0.257598	1.97529	0.19797168	596.644391	1002.13907	0.20422045	2.04894774	0.27862937	7	2
1651.864	983.864	0.334247	1.836825	592.2711	1461.116	42.499	0.2725509	1.98675	0.28607461	558.722195	1059.78571	0.21920631	2.06036382	0.29423209	7	2
1652.016	984.016	0.380626	1.53444	563.4033	1480.531	47.3729	0.289863	1.98221	0.33248234	529.874167	1079.50027	0.23655115	2.05578019	0.31222707	9	2
1652.168	984.168	0.3758	1.320098	548.917	1465.809	53.09756	0.2948841	1.96549	0.32768507	515.407638	1065.07773	0.24160499	2.03901656	0.31743657	8	2
1652.321	984.321	0.3759	1.17612	550.4037	1418.3	53.5542	0.296211	1.96231	0.32781399	516.914239	1017.87006	0.24296484	2.03579265	0.31881592	8	2
1652.473	984.473	0.338	1.15931	571.8279	1369.813	53.5342	0.281632	1.9679	0.28994272	538.358209	969.682323	0.22841857	2.04133903	0.30369734	8	2
1652.626	984.626	0.343578	1.34109	613.3115	1330.233	52.8719	0.283318	1.9679	0.29554964	579.861709	930.403448	0.23013752	2.04129512	0.30545376	8	2
1652.778	984.778	0.376174	1.66881	674.0565	1291.316	51.4071	0.29883	1.95611	0.32817437	640.626478	891.785502	0.24568225	2.0294615	0.32154225	7	2
1652.93	984.93	0.361313	2.264995	737.4565	1286.058	50.96925	0.3082958	1.92145	0.31334209	704.046246	886.826455	0.25518078	1.99475788	0.33133519	7	2
1653.083	985.083	0.252761	3.16066	789.7407	1314.368	45.7904	0.30923	1.86444	0.20481901	756.350343	915.437271	0.25614791	1.93770398	0.33230503	10	3
1653.235	985.235	0.1551	3.69814	818.7496	1357.995	40.7501	0.3270354	1.8147	0.10718673	785.379009	959.36302	0.27398603	1.88792037	0.3506662	10	3
1653.388	985.388	0.117919	4.48261	822.5567	1402.13	34.7512	0.338773	1.79347	0.07003464	789.206005	1003.79863	0.28575657	1.86664647	0.36273658	10	3
1653.54	985.54	0.125987	5.457137	796.7115	1413.951	33.82756	0.3275065	1.81646	0.07813136	763.38057	1015.91818	0.27452278	1.88959286	0.35116071	10	3
1653.692	985.692	0.12591	6.05908	731.9068	1429.389	33.2817	0.316814	1.83951	0.07808308	698.595635	1031.65462	0.26386299	1.91259925	0.34015122	10	3
1653.845	985.845	0.13847	5.431668	630.0788	1460.676	33.72695	0.3106261	1.85117	0.09067198	596.787529	1063.24192	0.25770802	1.92421536	0.33377111	10	3
1653.997	985.997	0.198	6.55602	568.2508	1526.626	36.0316	0.300718	1.8721	0.1502307	534.979292	1129.49016	0.24783263	1.94510175	0.32353518	10	3
1654.15	986.15	0.313836	4.555948	530.9255	1611.257	46.24728	0.2963911	1.91861	0.2660956	497.673884	1214.42126	0.24353865	1.99156786	0.31906113	10	3
1654.302	986.302	0.501099	2.10941	524.6407	1719.547	56.953	0.341377	1.9827	0.45338731	491.408845	1323.0093	0.28855725	2.05561426	0.36543871	2	1
1654.454	986.454	0.562773	1.18685	522.6616	1766.764	62.8209	0.360008	2.02422	0.51509002	489.449506	1370.52423	0.30722095	2.09709067	0.38453121	1	1
1654.607	986.607	0.545954	0.8210868	524.5028	1780.305	62.23226	0.3464202	2.03905	0.49829992	491.310596	1384.36503	0.29366606	2.11187678	0.37062165	1	1
1654.759	986.759	0.5137	0.708384	525.9435	1762.212	65.43	0.326675	2.0473	0.46607463	492.771056	1366.56976	0.27395355	2.12008319	0.35034387	1	1
1654.911	986.911	0.508421	0.6662548	528.021	1747.827	67.03939	0.3204987	2.05816	0.46082434	494.868314	1352.48239	0.26780994	2.1308996	0.34398838	1	1
1655.064	987.064	0.473728	0.65361	529.8195	1734.414	71.1419	0.300171	2.06569	0.42616023	496.686702	1339.36887	0.24751514	2.13838572	0.32300337	1	1
1655.216	987.216	0.493526	0.6428102	529.5176	1721.864	68.66467	0.3098137	2.06739	0.44598694	496.40456	1327.1163	0.25719053	2.14004213	0.33297606	1	1
1655.369	987.369	0.509661	0.634407	526.9019	1716.396	69.3691	0.319425	2.06381	0.46215083	493.808746	1321.94759	0.26683473	2.13641826	0.3428965	1	1
1655.521	987.521	0.4901	0.6389962	522.5402	1723.663	67.41407	0.3103455	2.0601	0.44261853	489.466802	1329.51181	0.2577879	2.13266467	0.33353495	1	1
1655.674	987.674	0.501255	0.642994	518.917	1721.763	66.2523	0.315921	2.0608	0.45380242	485.863487	1327.91089	0.2633963	2.1333208	0.33929356	1	1
1655.826	987.826	0.484227	0.6490884	516.4588	1736.17	66.62167	0.3044797	2.06899	0.43680312	483.425041	1342.61491	0.25198767	2.14146722	0.32748423	1	1
1655.978	987.978	0.502521	0.647103	517.7125	1741.923	66.7157	0.311664	2.0767	0.45512581	484.698495	1348.66483	0.25920464	2.14913364	0.33491079	3	1
1656.131	988.131	0.529336	0.641197	522.8848	1743.469	67.28694	0.3266048	2.0754	0.4819697	489.890678	1350.50961	0.27417833	2.14778978	0.35031532	4	1
1656.283	988.283	0.5659	0.626324	531.7886	1735.12	66.2121	0.350114	2.0645	0.51856239	498.81423	1342.45733	0.29772019	2.1368462	0.37446078	1	1
1656.436	988.436	0.547673	0.629797	539.5143	1715.983	67.1442	0.344283	2.04946	0.50036427	506.559812	1323.6189	0.29192207	2.12176234	0.36848799	1	1
1656.588	988.588	0.480508	0.6824711	539.0712	1705.658	68.08384	0.3122133	2.03942	0.43322796	506.136463	1313.59041	0.25988503	2.11167877	0.33549726	1	1
1656.74	988.74	0.470416	0.760334	530.571	1695.126	69.1329	0.307643	2.03822	0.42316465	497.656013	1303.35483	0.25534739	2.1104352	0.33078264	1	1
1656.893	988.893	0.480576	0.7940217	514.2861	1685.855	67.94167	0.3078043	2.05296	0.43335353	481.390992	1294.3821	0.25554156	2.12513135	0.33095417	1	1
1657.045	989.045	0.5283	0.765522	508.2212	1672.822	67.1551	0.328083	2.0684	0.48110621	475.345841	1281.64531	0.27585291	2.14052778	0.35186551	4	1
1657.198	989.198	0.530392	0.7302377	513.6265	1672.704	65.21163	0.3262151	2.07866	0.48322709	480.771019	1281.82537	0.27401787	2.15074393	0.3499482	1	1
1657.35	989.35	0.528002	0.709017	526.2881	1686.176	65.249	0.325149	2.0778	0.48086577	493.452366	1295.59339	0.27298442	2.14984037	0.34885564	1	1
1657.502	989.502	0.540734	0.7033191	531.257	1695.382	65.14901	0.3329085	2.07539	0.49362645	498.441012	1305.0953	0.28077656	2.14738681	0.35684252	4	1
1657.655	989.655	0.562131	0.716079	533.9875	1699.065	67.0336	0.346019	2.07151	0.51505232	501.191388	1309.07606	0.29391992	2.14346296	0.37030697	1	1

1657.807	989.807	0.5582	0.7289892	534.4141	1694.306	66.72621	0.344648	2.0685	0.51115	501.637733	1304.61277	0.29258156	2.14040941	0.36890583	1	1
1657.96	989.96	0.567164	0.741879	533.0489	1683.37	69.735	0.34963	2.0688	0.52014287	500.292408	1293.97433	0.29759641	2.14066557	0.37401798	1	1
1658.112	990.112	0.562108	0.7701221	530.361	1665.097	67.35989	0.346701	2.069	0.51511555	497.624251	1275.99684	0.29470004	2.14082201	0.3710207	1	1
1658.264	990.264	0.543069	0.860047	527.9094	1651.333	67.2311	0.33665	2.06689	0.49610522	495.192394	1262.52825	0.28468167	2.13866846	0.36071124	4	1
1658.417	990.417	0.503894	0.951923	526.124	1640.627	62.2591	0.318237	2.05782	0.45695908	493.426866	1252.1195	0.26630152	2.12955463	0.3417691	3	1
1658.569	990.569	0.4826	1.073039	525.0476	1631.411	65.05663	0.3101696	2.0488	0.43569376	492.370208	1243.19871	0.25826674	2.12049108	0.33345064	3	1
1658.722	990.722	0.479413	1.13635	516.9642	1639.255	63.3393	0.308438	2.0492	0.43253562	484.306679	1251.33976	0.25656798	2.12084725	0.33166719	4	1
1658.874	990.874	0.490882	1.031132	513.8333	1649.176	64.32087	0.3096929	2.06338	0.44403329	481.195519	1261.55577	0.2578555	2.13498371	0.33296811	3	1
1659.026	991.026	0.481582	0.997127	514.6735	1658.992	62.288	0.299666	2.07981	0.43476195	482.055458	1271.66668	0.24786121	2.15137016	0.32260755	4	1
1659.179	991.179	0.470527	0.9691415	520.1411	1667.67	63.47331	0.2922133	2.08529	0.42373581	487.542927	1280.64143	0.24044134	2.15680634	0.31489374	4	1
1659.331	991.331	0.486	0.966003	526.3013	1653.61	62.1097	0.302601	2.0778	0.43923747	493.722865	1266.87613	0.25086165	2.1492728	0.32565365	2	1
1659.484	991.484	0.500741	0.9511039	539.6127	1637.801	61.27808	0.3141823	2.06545	0.45400733	507.054132	1251.36368	0.26247578	2.13687898	0.33762149	2	1
1659.636	991.636	0.449283	0.926339	543.2392	1617.958	62.2522	0.29581	2.04314	0.40257799	510.700368	1231.81519	0.24413608	2.11452545	0.31863499	2	1
1659.788	991.788	0.410997	0.9341139	543.2294	1618.562	61.60983	0.2879242	2.01778	0.36432065	510.710304	1232.7136	0.23628289	2.08912191	0.31046534	2	1
1659.941	991.941	0.409405	0.968244	531.8871	1643.623	62.5232	0.293178	2.00215	0.3627575	499.387869	1258.07084	0.2415695	2.0734481	0.31591796	2	1
1660.093	992.093	0.4506	0.9615633	522.0643	1674.253	61.22287	0.3062197	2.0153	0.40398116	489.584804	1288.99505	0.2546438	2.08655457	0.32941903	2	1
1660.246	992.246	0.497612	1.03717	518.3787	1708.251	63.6816	0.319558	2.04339	0.451022	485.919067	1323.28909	0.26801491	2.11460076	0.34318891	2	1
1660.398	992.398	0.536669	1.11014	520.6301	1704.45	61.4752	0.332097	2.07038	0.49010766	488.1902	1319.7821	0.2805865	2.14154723	0.35610027	4	1
1660.55	992.55	0.527004	0.9775012	522.4221	1666.111	63.81207	0.3236916	2.0809	0.48047131	490.001932	1281.73701	0.27221369	2.15202371	0.34745686	1	1
1660.703	992.703	0.531389	0.862686	521.9462	1627.804	64.0174	0.324389	2.08689	0.48488515	489.545894	1243.72575	0.27294389	2.1579699	0.34817981	1	1
1660.855	992.855	0.5253	0.8224186	520.8697	1607.781	64.37495	0.3215901	2.0849	0.4788248	488.489124	1223.99646	0.27017757	2.15593639	0.34530211	1	1
1661.008	993.008	0.538149	0.894839	519.8589	1602.314	61.9468	0.32791	2.08779	0.49170264	487.498184	1218.825	0.27653027	2.15878258	0.35181345	1	1
1661.16	993.16	0.5381	1.008054	519.616	1606.58	61.60266	0.3285165	2.0856	0.49168229	487.275014	1223.38451	0.27716935	2.15654907	0.35244225	1	1
1661.312	993.312	0.566297	1.06391	520.7516	1621.766	63.3024	0.344058	2.0873	0.51990793	488.430342	1238.86393	0.29274342	2.15820556	0.36841168	2	1
1661.465	993.465	0.563207	1.133301	523.4296	1648.887	67.17171	0.3430068	2.08461	0.51684677	491.1282	1266.28017	0.29172501	2.15547176	0.36733819	2	1
1661.617	993.617	0.544	1.14698	526.3604	1670.673	66.8177	0.332838	2.082	0.49766841	494.078727	1288.35938	0.28158878	2.15281825	0.35690066	4	1
1661.77	993.77	0.516908	1.116744	526.1832	1673.528	65.52665	0.3173071	2.08369	0.47060524	493.921384	1291.50942	0.26609066	2.15446446	0.34091711	3	1
1661.922	993.922	0.469875	1.10891	520.7581	1658.051	60.592	0.291163	2.08749	0.42360088	488.51601	1276.32543	0.23997913	2.15822095	0.3138927	2	1
1662.074	994.074	0.436747	1.107184	512.8717	1654.703	60.39973	0.2728889	2.09259	0.39050152	480.649335	1273.27035	0.22173759	2.16327745	0.2949127	1	1
1662.227	994.227	0.528207	1.08743	510.6137	1667.174	61.4326	0.322638	2.08682	0.48199035	478.411189	1286.03609	0.27151947	2.15746366	0.34642509	1	1
1662.379	994.379	0.5463	1.06142	511.8608	1698.241	63.4137	0.337176	2.0713	0.50011198	479.678013	1317.3958	0.28609002	2.14190016	0.36138194	1	1
1662.531	994.531	0.548989	1.013306	515.9009	1723.443	62.97537	0.3439689	2.05297	0.50282962	483.737836	1342.89042	0.29291548	2.12352667	0.36835885	1	1
1662.684	994.684	0.528217	0.925567	518.1227	1723.305	65.0566	0.335082	2.04501	0.48208644	485.979488	1343.04686	0.28406134	2.11552288	0.35924056	1	1
1662.836	994.836	0.521008	0.8736405	520.512	1703.958	68.15874	0.3292169	2.0516	0.47490607	488.388509	1323.99228	0.27822879	2.12206939	0.3532159	1	1
1662.989	994.989	0.530876	0.824538	522.3564	1688.018	68.836	0.332858	2.05709	0.48480289	490.25276	1308.34652	0.28190265	2.12751561	0.35696469	4	1
1663.141	995.141	0.5559	0.7883298	524.8671	1696.213	66.07572	0.3471702	2.0552	0.50985552	492.78318	1316.83374	0.29624739	2.12558212	0.3716608	1	1
1663.294	995.294	0.58847	0.755052	527.8405	1710.715	63.4864	0.368586	2.04414	0.54245434	495.776429	1331.62978	0.31769595	2.11447835	0.39357687	1	1
1663.446	995.446	0.594191	0.7255235	530.9485	1705.651	64.2973	0.3741667	2.03571	0.54820396	498.904148	1326.8578	0.32330919	2.10600486	0.39927789	1	1
1663.598	995.598	0.562173	0.698043	538.126	1676.718	67.0495	0.357586	2.0313	0.51621459	506.101366	1298.21673	0.30676102	2.10155138	0.38234246	1	1
1663.751	995.751	0.52888	0.7392808	553.83	1623.069	65.7859	0.3392974	2.0323	0.4829504	521.825213	1244.86147	0.28850517	2.10250761	0.36360367	1	1
1663.903	995.903	0.3852	0.802794	580.361	1515.891	62.1558	0.279889	2.0117	0.33929902	548.375929	1137.97519	0.2291293	2.08186413	0.30225303	8	2
1664.056	996.056	0.287192	0.9485096	596.9445	1451.227	55.19807	0.2621092	1.98222	0.24131983	564.979275	1073.60474	0.21138224	2.05234036	0.28373937	8	2
1664.208	996.208	0.258645	1.29505	586.6459	1397.824	49.2885	0.257405	1.9801	0.21280145	554.70039	1020.49327	0.20671056	2.05017689	0.27883127	7	2
1664.36	996.36	0.322121	1.75997	552.3269	1397.621	49.5139	0.251512	2.0279	0.27630607	520.401104	1020.5817	0.20085008	2.09793341	0.27267343	8	2
1664.513	996.513	0.397818	1.470386	521.0666	1398.572	53.61833	0.256203	2.08816	0.35203187	489.160648	1021.82594	0.20557382	2.15814965	0.27758481	5	1
1664.665	996.665	0.4123	1.10705	507.2071	1397.023	58.7723	0.25374	2.114	0.36654249	475.320861	1020.56817	0.20314333	2.18394618	0.27501431	4	1
1664.818	996.818	0.429332	0.9896176	509.7013	1374.795	63.6359	0.2602243	2.11938	0.38360329	477.834903	998.633223	0.20966036	2.18928243	0.281796	4	1
1664.97	996.97	0.408717	0.918155	515.553	1326.055	59.8912	0.245628	2.13269	0.3630169	483.706314	950.184257	0.19509657	2.20254896	0.26653049	4	1
1665.122	997.122	0.343004	0.8912778	521.106	1253.459	56.09792	0.2041796	2.16467	0.29733251	489.279025	877.879193	0.15368068	2.2344855	0.22283855	7	2
1665.275	997.275	0.283192	0.937124	519.6226	1180.889	46.7563	0.164997	2.20587	0.23754931	487.815465	805.601945	0.1145308	2.27564175	0.1810004	7	2
1665.427	997.427	0.2658	0.9979221	511.7985	1135.665	44.62455	0.1509427	2.226	0.22018591	480.011074	760.668684	0.100509	2.29572828	0.16584483	7	2
1665.58	997.58	0.264804	1.02585	497.893	1130.433	43.5579	0.153046	2.22022	0.21921871	466.125413	755.729237	0.10264501	2.28990454	0.16812449	7	2
1665.732	997.732	0.282172	1.15957	484.7292	1164.844	44.5176	0.166958	2.20023	0.23661531	452.981321	790.43078	0.11658951	2.26987108	0.18312398	7	2
1665.884	997.884	0.304743	1.14692	475.7565	1214.831	44.5988	0.18239	2.18178	0.25921492	444.028328	840.708224	0.13205401	2.25137763	0.1996664	7	2
1666.037	998.037	0.358271	1.077448	472.0676	1274.076	48.06707	0.213137	2.15846	0.31277171	440.359264	900.245481	0.16283371	2.22801389	0.23235675	7	2
1666.189	998.189	0.3928	0.956982	486.1405	1290.926	50.9065	0.245607	2.1113	0.34732931	454.45187	917.385729	0.1953362	2.18081043	0.2665478	7	2
1666.342	998.342	0.347581	0.890351	522.8093	1276.902	53.9154	0.247991	2.05682	0.3021391	491.140505	903.653788	0.1977529	2.1262867	0.26905073	7	2
1666.494	998.494	0.319445	0.9717404	573.4756	1199.636	51.97573	0.2610432	2.00359	0.27403169	541.826509	826.67784	0.21083758	2.07301325	0.28270491	8	2

1666.646	998.646	0.254406	1.21888	627.3023	1158.356	48.8955	0.262575	1.96715	0.20902129	595.672913	785.687794	0.21240186	2.0365298	0.28430873	7	2
1666.799	998.799	0.195542	1.644901	652.3236	1168.458	43.474	0.2711748	1.93528	0.15018607	620.714046	796.081557	0.22103436	2.00461607	0.29327935	10	3
1666.951	998.951	0.1399	2.21327	649.2812	1255.717	36.2376	0.263494	1.9523	0.09457267	617.691348	883.630315	0.21338603	2.02159263	0.28527751	10	3
1667.104	999.104	0.14488	3.457057	630.0262	1345.937	32.59918	0.244581	1.99234	0.09958145	598.456179	974.141881	0.19450572	2.0615889	0.26550176	10	3
1667.256	999.256	0.20101	4.33523	605.3463	1412.189	35.8191	0.23214	2.01986	0.15574004	573.79598	1040.68344	0.18209719	2.08906547	0.25244143	10	3
1667.408	999.408	0.313708	2.901357	599.767	1398.874	42.29166	0.2613574	1.99913	0.26846662	568.23638	1027.65791	0.21134706	2.06829203	0.28306227	7	2
1667.561	999.561	0.318784	1.95883	606.298	1363.6	48.7335	0.281777	1.95494	0.2735714	574.787209	992.675178	0.23179933	2.02405831	0.30433189	7	2
1667.713	999.713	0.2601	1.60112	624.04	1326.613	49.609	0.288336	1.9125	0.21491599	592.548908	955.977447	0.2383908	1.98157487	0.31114583	7	2
1667.866	999.866	0.212292	1.69375	638.4247	1318.766	49.422	0.301616	1.87196	0.16713676	606.953436	948.421521	0.25170347	1.94099116	0.32490684	10	3
1668.018	1000.018	0.191716	1.84182	627.87	1343.416	47.5336	0.3124182	1.84642	0.14658934	596.418433	973.360595	0.26253812	1.91540773	0.33607243	10	3
1668.17	1000.17	0.207663	1.76792	582.9996	1407.923	46.7813	0.298932	1.87708	0.16256492	551.56773	1038.15657	0.24908438	1.9460243	0.32213947	7	2
1668.323	1000.323	0.285912	1.39187	520.0688	1462.169	48.7636	0.266773	1.97107	0.24084269	488.656755	1092.69335	0.21695804	2.03997059	0.28874143	10	3
1668.475	1000.475	0.3655	1.12356	484.1123	1461.825	52.21764	0.2452115	2.081	0.32045927	452.71995	1092.63813	0.19542899	2.14985717	0.26620691	7	2
1668.628	1000.628	0.357532	0.870378	489.639	1371.966	53.0244	0.210887	2.16367	0.31252004	458.266474	1003.06971	0.16113715	2.23248346	0.23006019	7	2
1668.78	1000.78	0.272637	0.90506	547.6863	1254.362	48.40549	0.1830517	2.15501	0.22765361	516.333468	885.7543	0.13333429	2.22378004	0.20046852	7	2
1668.932	1000.932	0.20445	1.22081	615.1854	1190.732	40.0245	0.218874	2.04897	0.15949519	583.852261	822.412789	0.16918903	2.11769662	0.23851414	10	3
1669.085	1001.085	0.172976	1.883356	676.1667	1221.989	36.18602	0.2852955	1.90385	0.12804995	644.853383	853.960078	0.23564318	1.97253292	0.30803441	10	3
1669.237	1001.237	0.175698	3.57293	701.0109	1320.203	34.7125	0.335801	1.79559	0.13080052	669.717275	952.462372	0.28618112	1.86422951	0.36018636	10	3
1669.39	1001.39	0.169923	8.302871	709.0351	1398.615	36.50621	0.3552071	1.75397	0.12505428	677.761295	1031.16447	0.30561986	1.82256581	0.38009027	10	3
1669.542	1001.542	0.160515	16.5292	704.7916	1428.362	37.3849	0.360329	1.74312	0.11567485	673.537485	1061.19956	0.31077419	1.8116724	0.38533531	10	3
1669.694	1001.694	0.146593	33.4039	697.8535	1413.334	39.045	0.360133	1.74422	0.10178142	666.619075	1046.45957	0.31061062	1.81272899	0.38513964	10	3
1669.847	1001.847	0.142513	45.7533	688.7791	1388.392	38.0992	0.355083	1.75536	0.09773017	657.564493	1021.80737	0.30559326	1.8238253	0.3799776	10	3
1669.999	1001.999	0.1359	67.44729	679.3502	1355.852	37.09631	0.3529338	1.7606	0.09114574	648.155281	989.555176	0.30347648	1.82902189	0.37778204	10	3
1670.151	1002.151	0.14078	123.4661	672.4188	1332.314	35.86342	0.3564753	1.75253	0.0960543	641.243568	966.304887	0.3070504	1.82090849	0.38141213	10	3
1670.304	1002.304	0.143997	176.107	664.2927	1332.576	35.3933	0.361858	1.74071	0.09930005	633.137285	966.856394	0.31246572	1.8090448	0.38692263	10	3
1670.456	1002.456	0.142123	62.92284	656.019	1366.147	32.99972	0.3570114	1.75123	0.09745461	624.88327	1000.71491	0.30765154	1.8195214	0.3819703	10	3
1670.609	1002.609	0.17133	48.849	647.2169	1412.304	32.7753	0.340059	1.78642	0.12669036	616.100985	1047.16122	0.29073176	1.85466772	0.36460193	10	3
1670.761	1002.761	0.2332	26.31721	636.1569	1450.367	34.72867	0.3225025	1.8307	0.18858891	605.06067	1085.51155	0.27320767	1.89890433	0.34655589	10	3
1670.914	1002.914	0.288323	14.981	636.6885	1431.096	39.4323	0.325622	1.84077	0.24374066	605.612083	1066.52966	0.27635979	1.90893065	0.34977256	10	3
1671.066	1003.066	0.26364	9.537051	635.5005	1378.608	41.47644	0.3343084	1.81294	0.21908621	604.443766	1014.32879	0.28507859	1.88105725	0.35871054	10	3
1671.218	1003.218	0.189463	7.89019	650.9124	1309.888	41.5265	0.347204	1.77169	0.14493776	619.875348	945.895827	0.29800659	1.83976387	0.37195003	10	3
1671.371	1003.371	0.142812	10.93678	674.4076	1288.832	37.10964	0.3542411	1.75713	0.0983155	643.390359	925.128651	0.3050763	1.82516019	0.37916365	10	3
1671.523	1003.523	0.1244	20.4514	708.1753	1309.068	34.1698	0.348189	1.7722	0.07993205	677.17774	945.651491	0.29905659	1.84018681	0.37296921	10	3
1671.676	1003.676	0.117229	44.5779	742.7667	1353.761	31.0801	0.336911	1.7976	0.07278979	711.78895	990.633121	0.2878112	1.86554314	0.36140339	10	3
1671.828	1003.828	0.113306	56.4135	759.8851	1400.289	30.5529	0.326034	1.82176	0.06889534	728.92703	1037.44777	0.27696659	1.88965975	0.35022546	10	3
1671.98	1003.98	0.115834	80.58316	762.8356	1436.298	30.61744	0.3132068	1.84895	0.07145189	731.897208	1073.74332	0.26417177	1.91680637	0.33701174	10	3
1672.133	1004.133	0.136932	147.4067	752.7207	1444.969	30.04336	0.2967299	1.8812	0.09257862	721.802116	1082.70266	0.24772747	1.94901271	0.31998581	10	3
1672.285	1004.285	0.1522	323.1261	736.4293	1432.826	30.1137	0.281584	1.9123	0.10787516	705.530393	1070.84601	0.23261395	1.98006933	0.30428206	10	3
1672.438	1004.438	0.160566	726.6332	728.5165	1407.033	28.7388	0.2793904	1.91658	0.11626989	697.637399	1045.34116	0.23045294	1.98430567	0.3020074	10	3
1672.59	1004.59	0.152806	1099.56	728.0735	1383.558	29.3667	0.288599	1.89722	0.10853843	697.214075	1022.15232	0.23969391	1.9649023	0.31157394	10	3
1672.742	1004.742	0.14329	798.6454	733.9316	1376.944	29.3415	0.3003439	1.87278	0.09905097	703.091851	1015.82439	0.25147119	1.94041893	0.32374569	10	3
1672.895	1004.895	0.137314	399.389	734.8244	1359.472	28.8455	0.305225	1.86292	0.09310369	704.004455	998.640245	0.25638487	1.93051528	0.32879798	10	3
1673.047	1005.047	0.1498	196.6128	734.8506	1349.166	29.34371	0.3034817	1.8655	0.10561823	704.050328	988.620121	0.25467394	1.93305191	0.32700069	10	3
1673.2	1005.2	0.168625	106.809	733.4854	1337.043	30.9848	0.303054	1.8657	0.12447195	702.704931	976.784781	0.25427881	1.93320826	0.32656331	10	3
1673.352	1005.352	0.190565	66.17887	727.5222	1356.413	32.34608	0.3059617	1.86021	0.14644049	696.761403	996.440465	0.25721888	1.9276749	0.32957381	10	3
1673.504	1005.504	0.214144	40.13181	719.5077	1388.234	34.3125	0.30683	1.86102	0.17004802	688.766575	1028.54705	0.25811953	1.92844154	0.33047583	10	3
1673.657	1005.657	0.269168	25.3127	711.0634	1441.168	36.5102	0.304083	1.88105	0.22510074	680.342075	1081.76842	0.2554051	1.94842789	0.32764167	10	3
1673.809	1005.809	0.2927	25.7847	709.79	1478.891	38.2202	0.293933	1.9133	0.24866127	679.088346	1119.77682	0.24528746	1.98063453	0.31714218	10	3
1673.962	1005.962	0.279055	26.91823	698.0801	1492.918	38.48127	0.2834308	1.93063	0.23504498	667.398244	1134.09099	0.23481782	1.99792089	0.30625369	10	3
1674.114	1006.114	0.251644	11.28252	669.1401	1487.135	38.19508	0.2745215	1.93999	0.20766251	638.477913	1128.5932	0.22594087	2.00723754	0.2969971	10	3
1674.266	1006.266	0.292315	5.69572	626.5278	1473.656	41.7914	0.276405	1.95253	0.24836203	595.885281	1115.39931	0.22785671	2.01973419	0.29896147	10	3
1674.419	1006.419	0.364327	2.637368	612.678	1482.452	44.66988	0.2882973	1.97205	0.32040274	582.055278	1124.48219	0.23978157	2.03921055	0.31131912	9	2
1674.571	1006.571	0.4541	1.82204	631.7985	1516.721	46.517	0.321137	1.9782	0.41020426	601.195445	1159.03611	0.27265361	2.0453172	0.34526967	8	2
1674.724	1006.724	0.418642	1.621063	685.4053	1560.463	46.76448	0.307434	1.97461	0.37477497	654.82204	1203.0648	0.25898316	2.04168357	0.33113844	9	2
1674.876	1006.876	0.317881	1.57524	750.0131	1565.888	44.866	0.287492	1.94123	0.27404249	719.449506	1208.77453	0.23907349	2.00826023	0.31049821	10	3
1675.028	1007.028	0.216607	2.23755	784.854	1530.948	42.63274	0.298335	1.87978	0.17279701	754.31007	1174.11916	0.24994883	1.94676688	0.32173929	10	3
1675.181	1007.181	0.158885	3.32489	785.3922	1471.326	38.5601	0.332016	1.80384	0.11510371	754.868063	1114.78356	0.28366237	1.87078326	0.35648412	10	3
1675.333	1007.333	0.1483	6.98431	749.4716	1436.885	38.76477	0.3476267	1.7709	0.10454723	718.967126	1080.627	0.29930539	1.83779992	0.37251256	10	3

1675.486	1007.486	0.205371	8.84276	687.9586	1441.995	40.4681	0.333455	1.80257	0.16164693	657.473918	1086.02321	0.28516623	1.8694263	0.35797276	10	3
1675.638	1007.638	0.304421	5.96658	623.5576	1492.097	46.7008	0.3087	1.88573	0.26072544	593.09258	1136.40946	0.26044355	1.95254296	0.33247502	10	3
1675.79	1007.79	0.407607	2.54937	590.7909	1535.845	51.2351	0.304405	1.97114	0.36393995	560.345541	1180.44161	0.25618087	2.03790963	0.32804206	9	2
1675.943	1007.943	0.41608	1.589	574.3748	1569.865	59.4646	0.287567	2.02447	0.37244165	543.949231	1214.74753	0.2393754	2.09119601	0.3106099	8	2
1676.095	1008.095	0.4145	1.243914	565.8024	1573.889	62.29146	0.2800142	2.0431	0.37089015	535.39649	1219.05549	0.23185491	2.10978268	0.30277216	8	2
1676.248	1008.248	0.450755	1.04295	552.1332	1592.55	66.238	0.294006	2.05037	0.40717385	521.747078	1238.00223	0.24587923	2.11700907	0.31729517	2	1
1676.4	1008.4	0.502916	0.8911425	539.0318	1608.828	63.50241	0.3170965	2.05988	0.45936335	508.665337	1254.564	0.26900204	2.12647575	0.34116328	3	1
1676.552	1008.552	0.549624	0.794973	529.8129	1632.261	64.1389	0.340233	2.06711	0.50609985	499.466094	1278.28067	0.29217085	2.13366242	0.36496742	1	1
1676.705	1008.705	0.564564	0.7524416	524.6407	1641.772	61.24867	0.347324	2.07179	0.52106854	494.31368	1288.07712	0.29929436	2.13829882	0.37224533	1	1
1676.857	1008.857	0.571395	0.722547	521.5884	1645.967	62.0842	0.349897	2.0766	0.52792804	491.281036	1292.5556	0.30189966	2.1430655	0.37488681	1	1
1677.01	1009.01	0.533153	0.7012115	519.6849	1645.852	63.9852	0.3286386	2.0756	0.48971473	489.397321	1292.72585	0.28067377	2.14202189	0.35306866	1	1
1677.162	1009.162	0.545879	0.673643	518.1884	1650.377	62.6101	0.336911	2.07141	0.50246923	487.920475	1297.53415	0.28897846	2.13778858	0.36157594	1	1
1677.314	1009.314	0.50499	0.657612	517.7059	1661.516	62.17032	0.3171953	2.06309	0.46160872	487.457629	1308.95635	0.26929506	2.12942526	0.34129397	2	1
1677.467	1009.467	0.560921	0.641625	517.7059	1680.758	57.7022	0.348776	2.05931	0.51756841	487.477412	1328.48331	0.30090826	2.12560167	0.37375732	1	1
1677.619	1009.619	0.5851	0.640601	517.7683	1700.63	60.1032	0.362946	2.0576	0.5417759	487.559464	1348.63832	0.31511054	2.12384836	0.3882639	1	1
1677.772	1009.772	0.635697	0.639302	517.0528	1718.933	61.3253	0.393307	2.05421	0.59240158	486.863745	1367.2261	0.34550404	2.12041476	0.41922088	1	1
1677.924	1009.924	0.589837	0.6393	515.2609	1742.501	64.3673	0.367165	2.0521	0.54657007	485.091496	1391.07692	0.31939432	2.11826146	0.39258417	1	1
1678.076	1010.076	0.591978	0.641596	513.9481	1734.985	64.9294	0.368498	2.05171	0.54873956	483.798347	1383.84364	0.3207596	2.11782815	0.39395024	1	1
1678.229	1010.229	0.564865	0.642999	513.0554	1717.499	64.1542	0.35069	2.06038	0.52165523	482.925425	1366.64213	0.30298408	2.12645456	0.37574216	4	1
1678.381	1010.381	0.5311	0.645296	512.5763	1702.776	61.7808	0.328115	2.0735	0.48791872	482.465974	1352.20167	0.28044136	2.13953126	0.35257316	4	1
1678.534	1010.534	0.506299	0.649497	511.9823	1693.505	60.5725	0.309989	2.08894	0.46314639	481.891752	1343.21496	0.26234784	2.15492768	0.33389753	3	1
1678.686	1010.686	0.547034	0.650299	512.3367	1684.296	60.0776	0.330147	2.09779	0.50390987	482.265799	1334.28831	0.28253811	2.16373438	0.35467272	4	1
1678.838	1010.838	0.568184	0.651298	513.0522	1665.537	61.1805	0.342947	2.09549	0.52508836	483.000946	1315.81156	0.29537037	2.16139108	0.36782394	1	1
1678.991	1010.991	0.547849	0.652298	513.7676	1655.543	61.669	0.333987	2.08562	0.50478202	483.736121	1306.10157	0.28644284	2.15147751	0.3586296	4	1
1679.143	1011.143	0.5462	0.660986	513.7709	1647.762	62.9065	0.335322	2.0776	0.5031615	483.759067	1298.60263	0.2878101	2.14341421	0.36000599	1	1
1679.296	1011.296	0.527176	0.670584	513.1736	1645.622	64.5976	0.324988	2.0768	0.48416617	483.181541	1296.74646	0.27750857	2.14257064	0.3493841	1	1
1679.448	1011.448	0.57073	0.674893	512.5763	1643.347	66.8177	0.348617	2.0799	0.52774864	482.603885	1294.75333	0.30116983	2.14562735	0.37365642	1	1
1679.6	1011.6	0.532599	0.683293	512.2186	1641.913	66.4294	0.325891	2.08401	0.48964612	482.265828	1293.60111	0.27847608	2.14969407	0.35032309	4	1
1679.753	1011.753	0.532102	0.691187	512.1004	1641.438	63.8054	0.324612	2.08749	0.48917778	482.1674	1293.40964	0.27722954	2.1531305	0.34901142	1	1
1679.905	1011.905	0.4626	0.697295	512.1595	1637.26	63.8297	0.285918	2.0922	0.41970425	482.246141	1289.51323	0.23856778	2.15779721	0.30902447	4	1
1680.058	1012.058	0.481425	0.698798	513.5839	1629.412	63.1214	0.295538	2.0927	0.43855791	483.690312	1281.94858	0.24822024	2.15825365	0.31900266	4	1
1680.21	1012.21	0.461916	0.705195	516.928	1611.973	64.2359	0.284956	2.0941	0.41907738	487.054052	1264.79098	0.23767048	2.15961037	0.30803563	4	1
1680.362	1012.362	0.490203	0.713187	519.0778	1603.128	61.1079	0.301483	2.0885	0.44739284	489.223492	1256.22729	0.25422972	2.15396709	0.32516518	4	1
1680.515	1012.515	0.493891	0.743875	518.6642	1603.485	60.7556	0.30467	2.08451	0.4511095	488.82966	1256.86735	0.25744916	2.14993353	0.32846525	4	1
1680.667	1012.667	0.5045	0.755082	515.4414	1614.224	59.9372	0.312385	2.0778	0.46174696	485.626498	1267.88747	0.26519639	2.14318026	0.33643797	3	1
1680.82	1012.82	0.512368	0.717259	510.3282	1634.788	60.599	0.317339	2.07541	0.46964361	480.533065	1288.73434	0.27018284	2.14074671	0.34155253	3	1
1680.972	1012.972	0.523083	0.695934	506.3177	1644.165	60.4536	0.323573	2.074	0.48038707	476.542202	1298.39228	0.27644906	2.13929344	0.34798004	1	1
1681.124	1013.124	0.533315	0.673535	502.1891	1643.574	59.696	0.329597	2.0726	0.49064753	472.433238	1298.08211	0.28250529	2.13785017	0.35418366	1	1
1681.277	1013.277	0.552254	0.677194	497.6108	1633.344	61.5572	0.339575	2.0746	0.50961518	467.874703	1288.1347	0.29251572	2.13980662	0.3644402	1	1
1681.429	1013.429	0.5394	0.695071	491.8707	1615.061	62.4118	0.33152	2.0776	0.49678964	462.154237	1270.13235	0.28449294	2.14276336	0.35617052	1	1
1681.582	1013.582	0.516691	0.705092	483.61	1601.037	64.1871	0.318427	2.07959	0.47410928	453.9133	1256.39075	0.27143237	2.14470981	0.34269801	1	1
1681.734	1013.734	0.521292	0.69262	476.4851	1572.622	61.4498	0.320495	2.0811	0.47873874	446.808034	1228.25621	0.27353258	2.14617655	0.34483381	1	1
1681.886	1013.886	0.53873	0.675314	479.2648	1523.298	60.158	0.328808	2.08578	0.49620519	449.607366	1179.21258	0.28187779	2.15081329	0.35339609	1	1
1682.039	1014.039	0.495205	0.657029	506.8985	1454.473	59.6832	0.309107	2.07243	0.45270883	477.260827	1110.6697	0.26220921	2.13741975	0.33309729	4	1
1682.191	1014.191	0.4002	0.647907	564.191	1416.475	58.0711	0.2871	2.0083	0.35773228	534.572958	1072.95188	0.24023441	2.0732465	0.31032341	8	2
1682.344	1014.344	0.278189	0.698616	632.6551	1409.344	52.3122	0.301272	1.89067	0.23574991	603.056818	1066.1028	0.25443883	1.95557296	0.32500948	7	2
1682.496	1014.496	0.20286	0.903014	699.3501	1431.851	43.6842	0.343424	1.78089	0.16044936	669.771448	1088.8898	0.29662303	1.84574971	0.36842776	10	3
1682.648	1014.648	0.156686	1.1785	738.7004	1466.968	39.5765	0.367998	1.72681	0.11430381	709.141377	1124.2867	0.32122923	1.79162646	0.39358218	10	3
1682.801	1014.801	0.148127	1.54253	759.3075	1473.38	38.2489	0.365372	1.73288	0.10577344	729.768234	1130.98034	0.31863563	1.79765293	0.39090467	10	3
1682.953	1014.953	0.1445	1.84288	769.7571	1452.038	40.4628	0.355365	1.7546	0.10217488	740.237462	1109.91805	0.30866082	1.81932969	0.38067662	10	3
1683.106	1015.106	0.154161	2.43841	770.6793	1423.157	41.5565	0.349322	1.76695	0.11186451	741.179418	1081.31851	0.30265022	1.83163616	0.37449317	10	3
1683.258	1015.258	0.155997	3.30319	755.8188	1411.959	43.4752	0.350052	1.7653	0.11372895	726.338544	1070.40004	0.30341241	1.82994292	0.37524582	10	3
1683.41	1015.41	0.178637	4.40776	709.2057	1427.493	42.6744	0.350042	1.76514	0.13639739	679.745069	1086.21347	0.30343459	1.82973968	0.37524032	10	3
1683.563	1015.563	0.224889	4.98251	647.8799	1473.886	44.4861	0.330502	1.81179	0.18267802	618.439023	1132.88764	0.28392699	1.87634616	0.35519078	10	3
1683.715	1015.715	0.3136	4.6603	579.7375	1538.323	48.6882	0.301616	1.9065	0.27141745	550.316247	1197.60389	0.25507317	1.97101292	0.32540851	10	3
1683.868	1015.868	0.41609	2.36339	534.063	1586.938	58.4826	0.291228	2.01467	0.37393607	504.6615	1246.49988	0.24471755	2.0791394	0.31465743	2	1
1684.02	1016.02	0.490481	1.38239	507.8438	1609.416	62.2262	0.304077	2.08059	0.44835551	478.461922	1269.25694	0.25759873	2.14501617	0.32796276	4	1
1684.172	1016.172	0.515914	0.954683	498.7299	1594.368	62.2111	0.311281	2.1025	0.47381694	469.367644	1254.4879	0.2648349	2.16688294	0.33540887	3	1

1684.325	1016.325	0.52438	0.910169	496.4686	1565.602	61.2808	0.316233	2.1017	0.48231156	467.126095	1226.00261	0.26981928	2.16603943	0.34052239	1	1
1684.477	1016.477	0.5093	0.874328	496.764	1546.2	62.0396	0.308556	2.0993	0.46725998	467.441115	1206.87939	0.26217444	2.1635962	0.332605	4	1
1684.63	1016.63	0.457209	0.828571	498.0703	1537.049	63.705	0.28258	2.09402	0.4151976	468.767164	1198.00891	0.23623081	2.1582727	0.30570851	1	1
1684.782	1016.782	0.447915	0.783271	499.0876	1550.354	61.9793	0.280583	2.08591	0.40593203	469.804083	1211.5925	0.23426597	2.15011947	0.30363879	1	1
1684.934	1016.934	0.400387	0.75774	500.2265	1564.687	60.9314	0.261038	2.078	0.35843245	470.962602	1226.204	0.21475313	2.14216625	0.28328862	1	1
1685.087	1017.087	0.392426	0.756702	501.7689	1558.274	62.0383	0.258151	2.07641	0.35050006	472.524748	1220.07124	0.2118985	2.14053275	0.28027871	1	1
1685.239	1017.239	0.3878	0.756301	504.401	1544.411	64.009	0.253719	2.083	0.34590248	475.176465	1206.48655	0.20749865	2.14707953	0.27565116	4	1
1685.392	1017.392	0.442182	0.761192	507.0168	1520.637	65.4295	0.276463	2.08977	0.40031309	477.81201	1182.9926	0.23027501	2.15380603	0.29937515	1	1
1685.544	1017.544	0.454191	0.766696	508.3393	1503.61	63.158	0.280212	2.09659	0.41235051	479.154126	1166.24373	0.23405615	2.16058282	0.30327739	1	1
1685.696	1017.696	0.498491	0.769995	502.7863	1487.945	61.9551	0.30253	2.09971	0.45667893	473.620741	1150.85677	0.2564063	2.16365961	0.32641611	1	1
1685.849	1017.849	0.487726	0.774197	497.8504	1468.674	61.8754	0.294338	2.10758	0.44594253	468.704584	1131.86554	0.24824665	2.17148612	0.3179426	1	1
1686.001	1018.001	0.502	0.772103	491.1552	1452.517	63.5855	0.301696	2.109	0.46024494	462.028997	1115.98639	0.25563679	2.17286291	0.32556324	1	1
1686.154	1018.154	0.471622	0.7723	485.3299	1436.708	64.1797	0.284992	2.11	0.42989554	456.223439	1100.45698	0.23896513	2.17381942	0.30826105	6	1
1686.306	1018.306	0.469004	0.770203	480.8369	1419.488	64.7596	0.28526	2.10471	0.42730596	451.750051	1083.51464	0.23926527	2.16848622	0.30854403	6	1
1686.458	1018.458	0.452458	0.776495	478.382	1409.544	64.6373	0.276764	2.10451	0.41078837	449.314762	1073.84821	0.2308014	2.16824301	0.29972193	6	1
1686.611	1018.611	0.488613	0.780893	477.4926	1403.006	62.1233	0.293675	2.11138	0.44697196	448.445102	1067.58952	0.24774473	2.17506953	0.31727979	6	1
1686.763	1018.763	0.4874	0.789985	477.6075	1400.006	61.3664	0.291131	2.1177	0.44578737	448.579612	1064.86691	0.24523286	2.18134633	0.31464823	6	1
1686.916	1018.916	0.475149	0.790599	478.0243	1394.063	60.9564	0.282396	2.12467	0.43356496	449.01615	1059.20303	0.23653019	2.18827285	0.30558966	6	1
1687.068	1019.068	0.45633	0.795492	477.0725	1385.221	60.0196	0.270648	2.13019	0.41477437	448.083958	1050.63823	0.22481431	2.19374966	0.29337631	4	1
1687.22	1019.22	0.437055	0.802089	473.9021	1370.515	60.2743	0.257409	2.14021	0.39552777	444.933166	1036.20934	0.21160743	2.20372647	0.27957133	4	1
1687.373	1019.373	0.409289	0.816676	469.6259	1362.32	61.7402	0.241276	2.14648	0.36779036	440.676702	1028.29318	0.19550675	2.20995299	0.26268553	4	1
1687.525	1019.525	0.3874	0.82949	466.2126	1351.316	63.5375	0.228288	2.1534	0.34592976	437.283008	1017.56611	0.18255086	2.2168298	0.24903967	4	1
1687.678	1019.678	0.401245	0.852163	464.2501	1338.241	59.1687	0.235058	2.1532	0.35980335	435.340243	1004.76976	0.18935318	2.21658633	0.25616607	4	1
1687.83	1019.83	0.445265	0.850601	464.3026	1321.372	55.8169	0.260826	2.14301	0.40385174	435.412348	988.177501	0.21515329	2.20635315	0.2831593	5	1
1687.982	1019.982	0.503166	0.848503	461.0797	1321.126	56.9947	0.297116	2.1271	0.46178114	432.209052	988.208151	0.25147539	2.19039996	0.32088653	1	1
1688.135	1020.135	0.460203	0.799438	462.0315	1328.146	62.1323	0.274241	2.1252	0.41884672	433.180585	995.506527	0.2286327	2.1884565	0.2971504	4	1
1688.287	1020.287	0.3884	0.815274	461.0797	1305.13	61.4984	0.230457	2.1485	0.34707212	432.248387	972.766992	0.1848808	2.21171332	0.25134713	4	1
1688.44	1020.44	0.287423	0.906123	472.2022	1234.467	55.1793	0.184474	2.16206	0.24612369	443.390618	902.382183	0.13893011	2.22522986	0.20262893	7	2
1688.592	1020.592	0.200939	1.1287	484.3912	1132.606	48.0601	0.165096	2.1644	0.15966808	455.59922	800.797464	0.1195842	2.22752668	0.18187379	7	2
1688.744	1020.744	0.129579	1.5087	498.382	1048.503	42.5105	0.182151	2.12957	0.08833647	469.60962	716.970653	0.13667129	2.19265351	0.2001579	7	2
1688.897	1020.897	0.103064	2.25076	510.3971	998.4214	38.7741	0.20253	2.09309	0.06185005	481.644449	667.166967	0.15708259	2.15613005	0.22185984	10	3
1689.049	1021.049	0.1085	4.65687	530.3577	990.3052	36.5853	0.222262	2.048	0.06731443	501.624648	659.326772	0.17684667	2.11099688	0.24273819	10	3
1689.202	1021.202	0.1335	11.1839	548.7824	987.0956	37.5001	0.235562	2.01334	0.09234301	520.069076	656.394901	0.19017896	2.07629343	0.25674437	11	3
1689.354	1021.354	0.150573	20.3599	569.1106	1006.383	36.6413	0.247312	1.98594	0.10944439	540.416874	675.958122	0.20196104	2.04885027	0.26907633	11	3
1689.506	1021.506	0.201874	22.3329	590.64	1031.913	36.4784	0.254624	1.9716	0.16077377	561.965871	701.763852	0.20930512	2.0344671	0.27673316	10	3
1689.659	1021.659	0.248251	17.2756	599.9639	1081.201	35.4741	0.259227	1.9724	0.20717934	571.309496	751.329304	0.2139404	2.03522365	0.28154778	10	3
1689.811	1021.811	0.2813	8.53282	600.174	1135.901	38.4237	0.257365	1.99	0.24025672	571.539192	806.30485	0.21211048	2.05278049	0.27960763	10	3
1689.964	1021.964	0.23379	4.69609	591.257	1165.021	37.0689	0.23997	2.01002	0.19277528	562.641916	835.702117	0.19474775	2.07275705	0.2613977	10	3
1690.116	1022.116	0.228204	4.26982	586.0649	1151.306	38.6401	0.232426	2.02489	0.18721766	557.46941	822.262481	0.18723582	2.08758389	0.25347691	10	3
1690.268	1022.268	0.256813	4.85031	587.6403	1128.861	41.456	0.236846	2.02489	0.21585503	559.064403	800.092753	0.19168788	2.08754074	0.25812734	10	3
1690.421	1022.421	0.264881	5.288431	597.4664	1128.264	45.0387	0.241424	2.01812	0.22395159	568.910225	799.772743	0.19629815	2.0807273	0.26293796	7	2
1690.573	1022.573	0.1889	5.11597	606.7476	1175.044	44.7558	0.216046	2.053	0.14799897	578.211017	846.827832	0.17095221	2.11556415	0.23622496	10	3
1690.726	1022.726	0.139199	5.26426	608.6708	1209.872	40.4956	0.17889	2.13457	0.09832652	580.153938	881.932638	0.13382848	2.19709072	0.19673617	10	3
1690.878	1022.878	0.117235	10.121	591.9068	1217.877	36.4623	0.148029	2.20808	0.07639089	563.409528	890.212544	0.10299953	2.27055757	0.16353294	10	3
1691.03	1023.03	0.159671	10.7324	559.1828	1234.276	35.3778	0.145874	2.20285	0.11885526	530.705118	906.886359	0.10087658	2.26528443	0.16120309	10	3
1691.183	1023.183	0.247788	5.278387	513.5215	1279.36	41.59132	0.1819029	2.14364	0.20700081	485.063537	952.24689	0.13693774	2.206031	0.19997195	7	2
1691.335	1023.335	0.3992	2.24698	489.6029	1379.714	48.5968	0.254206	2.0954	0.35844118	461.164525	1052.87552	0.20927288	2.15774786	0.27635417	7	2
1691.488	1023.488	0.470714	1.37524	483.0063	1458.405	55.2085	0.293691	2.08096	0.42998373	454.587642	1131.84287	0.24879013	2.14326443	0.31744987	6	1
1691.64	1023.64	0.472298	1.07213	488.9366	1493.633	60.3118	0.295324	2.0784	0.43159609	460.537529	1167.34532	0.25045517	2.14066129	0.31914609	1	1
1691.792	1023.792	0.455926	0.972276	501.1487	1486.708	60.0189	0.287456	2.0772	0.41525245	472.769216	1160.69468	0.24261921	2.13941816	0.31099571	1	1
1691.945	1023.945	0.409911	1.04698	520.7023	1450.338	60.177	0.265687	2.0769	0.369266	492.34253	1124.60075	0.22088245	2.13907474	0.28836106	2	1
1692.097	1024.097	0.3668	1.17589	557.8668	1407.525	52.9067	0.251638	2.0658	0.32618335	529.526615	1082.06192	0.20686548	2.12793161	0.27369233	8	2
1692.25	1024.25	0.31949	1.35958	593.8825	1373.531	49.9726	0.249055	2.03184	0.2789019	565.562028	1048.34381	0.20431472	2.09392819	0.27099371	8	2
1692.402	1024.402	0.268141	1.80039	631.3488	1363.256	45.5088	0.255332	1.98853	0.22758125	603.047912	1038.34281	0.21062375	2.05057506	0.2775652	7	2
1692.554	1024.554	0.203853	2.41935	667.2662	1371.096	41.154	0.263779	1.95218	0.1633216	638.984895	1046.45671	0.21910277	2.01418194	0.28639049	10	3
1692.707	1024.707	0.174793	4.60784	681.339	1401.657	39.1013	0.269447	1.93775	0.13429014	653.077406	1077.29332	0.224803	1.99970853	0.29230373	10	3
1692.859	1024.859	0.2223	7.48219	677.9258	1420.929	37.8038	0.274147	1.933	0.18182549	649.683787	1096.83905	0.22953502	1.9949154	0.29720181	10	3
1693.012	1025.012	0.288435	7.196159	656.7673	1418.116	41.5398	0.296766	1.90501	0.24798903	628.544997	1094.30148	0.25218624	1.966882	0.32068227	10	3

1693.164	1025.164	0.300491	4.953808	623.8891	1334.716	45.10691	0.3218197	1.85444	0.26007338	595.686377	1011.17502	0.27727196	1.91626888	0.34655638	10	3
1693.316	1025.316	0.24146	4.28899	587.3876	1241.671	45.6143	0.322657	1.83223	0.20107072	559.204457	918.403466	0.27814126	1.89401576	0.34742341	10	3
1693.469	1025.469	0.191221	6.96399	566.1536	1129.491	43.2277	0.303601	1.86532	0.15086026	537.990164	806.498623	0.25911748	1.92706236	0.32776751	10	3
1693.621	1025.621	0.1767	16.1172	557.9258	1081.004	38.3621	0.274202	1.9276	0.1363676	529.781942	758.284891	0.22975049	1.98929925	0.29728308	10	3
1693.774	1025.774	0.152696	22.5103	559.2944	1028.228	32.6567	0.252377	1.97491	0.11239213	531.170248	705.783865	0.2079577	2.03656585	0.27451865	11	3
1693.926	1025.926	0.152201	22.4822	560.7286	1012.763	31.3541	0.242719	1.99567	0.11192547	532.624025	690.591951	0.1983317	2.05728274	0.26440779	11	3
1694.078	1026.078	0.144921	22.1664	557.3876	998.5527	32.2822	0.24549	1.9904	0.10467381	529.3026	676.654647	0.20113469	2.05196963	0.26731754	11	3
1694.231	1026.231	0.158168	28.1568	557.0331	1007.348	36.3166	0.244109	1.9923	0.11794933	528.967804	685.724648	0.1997859	2.05382624	0.26587492	11	3
1694.383	1026.383	0.151206	40.3874	556.613	1017.982	37.7486	0.243161	1.9948	0.11101567	528.567279	696.631463	0.19886989	2.05628314	0.26488582	11	3
1694.536	1026.536	0.154586	50.2784	562.0217	1065.773	36.723	0.235286	2.01143	0.11442419	533.995681	744.696982	0.19102708	2.07286975	0.25662437	11	3
1694.688	1026.688	0.139924	57.67649	569.0745	1083.482	36.7948	0.239211	2.00451	0.09979052	541.068054	762.678616	0.19498407	2.06590665	0.26075142	11	3
1694.84	1026.84	0.152295	46.3475	580.8008	1094.411	34.3504	0.24246	1.99621	0.11218986	552.813926	773.88016	0.19826505	2.05756355	0.26416521	11	3
1694.993	1026.993	0.148911	39.2164	594.1024	1119.59	34.636	0.238237	2.00557	0.10883437	566.135227	799.333406	0.19407424	2.06688017	0.25973859	11	3
1695.145	1027.145	0.1369	48.28113	600.4102	1157.502	32.00532	0.2316087	2.0213	0.0968517	572.462598	837.51777	0.18747792	2.08256708	0.25277768	11	3
1695.298	1027.298	0.121462	46.1232	595.4184	1187.457	31.5337	0.225019	2.03853	0.08144222	567.490497	867.746834	0.18092041	2.0997537	0.24584464	11	3
1695.45	1027.45	0.1212	63.4893	585.0245	1187.099	30.258	0.220039	2.04939	0.08120854	557.116166	867.661017	0.17597238	2.11057061	0.24059766	11	3
1695.602	1027.602	0.130818	53.5009	582.3991	1156.282	29.8413	0.216486	2.05499	0.09085487	554.510335	837.116109	0.17245135	2.11612752	0.23685091	11	3
1695.755	1027.755	0.153246	28.757	591.5589	1120.594	31.2071	0.223023	2.03784	0.11331138	563.689832	801.701901	0.17902052	2.09893415	0.24375518	11	3
1695.907	1027.907	0.19	26.442	608.4083	1106.423	33.1567	0.238875	2.0041	0.1500937	580.558799	787.802814	0.19490449	2.06515106	0.26043746	10	3
1696.06	1028.06	0.204143	23.0552	622.2546	1130.433	35.2388	0.255313	1.97043	0.16426521	594.424794	812.086425	0.21137466	2.0314377	0.27766118	10	3
1696.212	1028.212	0.195414	19.3418	624.7522	1174.736	36.5154	0.265372	1.94774	0.15556453	596.94196	856.661157	0.22146562	2.00870461	0.28816742	10	3
1696.364	1028.364	0.1823	19.9198	616.3932	1195.451	37.354	0.269774	1.9373	0.14247885	588.602525	877.6478	0.22589957	1.99822153	0.29275973	10	3
1696.517	1028.517	0.182799	20.0467	604.7358	1192.714	38.0726	0.268948	1.9391	0.14300635	576.964819	875.184139	0.22510574	1.99997817	0.29190411	10	3
1696.669	1028.669	0.1816	21.4906	598.2638	1169.317	35.942	0.264534	1.9485	0.14183566	570.512382	852.058601	0.22072369	2.00933509	0.28730797	10	3
1696.822	1028.822	0.182795	20.2903	598.8578	1148.277	37.3878	0.261588	1.95487	0.14305916	571.126074	831.29176	0.21780985	2.01566174	0.2842393	10	3
1696.974	1028.974	0.174613	16.4522	605.1756	1115.546	37.3605	0.265587	1.94601	0.13490548	577.463437	798.832043	0.22184079	2.00675866	0.28841563	10	3
1697.126	1029.126	0.175299	15.31347	614.7457	1089.918	39.46208	0.2746252	1.92667	0.13561979	587.053098	773.475236	0.23091093	1.98737559	0.29783381	10	3
1697.279	1029.279	0.174403	9.83669	623.2392	1067.233	39.4336	0.282275	1.91025	0.13475228	595.566288	751.063123	0.23859288	1.97091224	0.30579044	10	3
1697.431	1029.431	0.2063	10.0641	623.5642	1096.4	43.0518	0.287677	1.9011	0.16667759	595.910848	780.501137	0.24402682	1.96171917	0.31140214	10	3
1697.584	1029.584	0.23369	6.65931	611.7952	1156.305	49.4835	0.284997	1.91206	0.19409608	584.161537	840.678844	0.24137896	1.97263582	0.30862612	10	3
1697.736	1029.736	0.316434	5.149459	589.6292	1211.162	51.72	0.288449	1.93818	0.27686839	562.015095	895.806678	0.2448629	1.99871276	0.31221244	7	2
1697.888	1029.888	0.337888	2.74976	571.1617	1225.491	53.0777	0.283755	1.96281	0.29835069	543.567153	910.406423	0.24020083	2.0232997	0.30734638	7	2
1698.041	1030.041	0.330518	2.24376	563.9711	1203.384	51.1418	0.278851	1.96928	0.29100918	536.39624	888.57186	0.23532896	2.02972635	0.30225694	7	2
1698.193	1030.193	0.3061	2.35981	569.5602	1174.808	50.3761	0.272972	1.9677	0.26661948	542.004896	860.266426	0.22948189	2.0281033	0.29614707	7	2
1698.346	1030.346	0.335681	2.45954	583.2918	1169.934	51.0993	0.2766	1.97816	0.29622897	555.756181	855.664682	0.23314202	2.03851996	0.29992628	7	2
1698.498	1030.498	0.359562	2.25851	589.721	1186.236	51.0125	0.275761	1.99867	0.32013827	562.204936	872.237069	0.23233494	2.0589869	0.29905849	8	2
1698.65	1030.65	0.373701	2.05301	586.9774	1226.62	52.5272	0.268533	2.02943	0.33430556	559.480891	912.891367	0.22513885	2.08970385	0.29153895	8	2
1698.803	1030.803	0.374797	2.01549	575.7958	1248.865	52.66999	0.2553515	2.06442	0.33543004	548.318973	935.408353	0.21198947	2.12465052	0.27778813	8	2
1698.955	1030.955	0.3664	2.1391	562.4024	1254.168	51.7857	0.240695	2.0938	0.32706134	534.945127	940.981472	0.19736489	2.15398747	0.26244429	8	2
1699.108	1031.108	0.337814	2.102576	553.4854	1246.8	49.38891	0.2244821	2.10675	0.29850382	526.047808	933.885279	0.1811841	2.16689414	0.24540025	7	2
1699.26	1031.26	0.352676	2.0365	550.8893	1241.884	46.6527	0.234559	2.09552	0.31339411	523.47126	929.239219	0.19129291	2.15562109	0.25601055	7	2
1699.412	1031.412	0.381561	1.6097	553.9941	1265.327	45.8737	0.252396	2.07945	0.3423074	526.595611	952.952071	0.20916181	2.13950805	0.27471697	8	2
1699.565	1031.565	0.419509	1.4066	558.6314	1301.342	46.7667	0.279419	2.05077	0.38028387	531.25259	989.238608	0.23621692	2.11078472	0.30289513	8	2
1699.717	1031.717	0.4315	1.29868	565.5628	1330.666	48.3148	0.291315	2.0327	0.39230316	538.203539	1018.83228	0.24814482	2.09267169	0.31524595	8	2
1699.87	1031.87	0.423432	1.33205	582.7994	1330.43	49.9133	0.289769	2.02712	0.38426363	555.459817	1018.86764	0.24663092	2.08704836	0.3136481	8	2
1700.022	1032.022	0.388028	1.31142	601.4112	1305.747	49.89	0.27365	2.0306	0.34888791	574.091165	994.454135	0.23054381	2.09048533	0.29691018	8	2
1700.174	1032.174	0.345379	1.28993	619.4617	1278.5	47.703	0.258825	2.02826	0.3062672	592.161213	967.476541	0.2157507	2.08810229	0.2814605	8	2
1700.327	1032.327	0.269742	1.64596	629.0811	1269.357	45.6382	0.25024	2.00059	0.23065866	601.800288	958.60463	0.2071978	2.06038898	0.27249002	7	2
1700.479	1032.479	0.2296	2.45802	630.1281	1269.088	44.0762	0.268159	1.9476	0.19054494	602.866834	958.604859	0.22514868	2.00735595	0.29120683	10	3
1700.632	1032.632	0.191752	4.42702	627.6928	1276.695	45.9869	0.295723	1.88226	0.15272541	600.451208	966.482769	0.25274477	1.94197264	0.31984106	10	3
1700.784	1032.784	0.169635	6.00799	621.9034	1268.028	46.21742	0.3111826	1.84825	0.13063669	594.681353	958.08482	0.26823625	1.90791961	0.33582723	10	3
1700.936	1032.936	0.175122	6.4345	614.0105	1251.044	48.3502	0.302823	1.86624	0.13615196	586.807997	941.369782	0.25990853	1.92586659	0.32719668	10	3
1701.089	1033.089	0.203033	6.061447	606.4556	1220.233	48.06466	0.2822232	1.91239	0.16409142	579.272769	910.829424	0.23934081	1.97197328	0.30585619	10	3
1701.241	1033.241	0.2418	5.30943	602.7995	1172.301	49.6348	0.274969	1.936	0.20288669	575.636211	863.166209	0.23211848	1.99554026	0.29832082	10	3
1701.394	1033.394	0.246979	4.33031	599.7079	1138.306	50.0172	0.278813	1.92913	0.20809415	572.564282	829.441672	0.23599456	1.98862696	0.3023227	10	3
1701.546	1033.546	0.229328	4.10315	595.3463	1133.403	51.6658	0.287582	1.90544	0.19047142	568.222223	824.807279	0.24479543	1.96489394	0.31143253	10	3
1701.698	1033.698	0.233606	3.68592	585.7761	1154.44	52.209	0.291922	1.89702	0.19477769	558.671563	846.112798	0.24916729	1.95643093	0.31593701	10	3
1701.851	1033.851	0.237391	3.53014	576.2094	1180.354	51.7197	0.28776	1.90698	0.19859114	549.124532	872.296994	0.24503736	1.96634763	0.31162672	7	2

1702.003	1034.003	0.284	3.11161	570.4562	1199.511	51.5428	0.283394	1.9329	0.24522841	543.390871	891.722336	0.24070321	1.99222462	0.3071006	7	2
1702.156	1034.156	0.326231	2.52125	573.8169	1214.604	52.3937	0.285426	1.95113	0.28748786	546.771237	907.085354	0.24276728	2.01041132	0.30921468	7	2
1702.308	1034.308	0.343073	2.04648	578.2968	1238.737	53.9771	0.285994	1.96118	0.30435812	551.270675	931.486518	0.24336713	2.02041832	0.30980886	8	2
1702.46	1034.46	0.315746	2.02653	582.4778	1258.49	55.3294	0.278757	1.96007	0.27705938	555.471212	951.507595	0.23616198	2.01926531	0.30229792	7	2
1702.613	1034.613	0.282108	2.04477	584.4568	1273.334	54.159	0.279719	1.94026	0.24344983	557.469877	966.621346	0.23715604	1.99941202	0.30330248	7	2
1702.765	1034.765	0.2404	2.203508	574.8179	1248.441	52.04829	0.2893893	1.9042	0.20177009	547.850512	941.996245	0.24685818	1.96330902	0.313345	7	2
1702.918	1034.918	0.189404	3.14141	554.2665	1173.915	45.1356	0.292285	1.88946	0.15080253	527.318776	867.739819	0.24978593	1.94852574	0.3163513	10	3
1703.07	1035.07	0.165319	5.020546	533.9777	1076.551	40.75023	0.2845854	1.90529	0.12674578	507.04951	770.643542	0.24211817	1.96431274	0.30837083	10	3
1703.222	1035.222	0.158704	10.3936	529.9475	1010.827	36.0355	0.272546	1.93131	0.12015904	503.038843	705.187177	0.23011061	1.99028974	0.29586169	10	3
1703.375	1035.375	0.163987	25.6545	537.2006	1004.043	36.1934	0.26595	1.94527	0.12547048	510.311604	698.672483	0.22354665	2.00420646	0.28899559	11	3
1703.527	1035.527	0.1548	27.8303	547.3055	1051.047	35.8836	0.258982	1.9606	0.11631173	520.436036	745.943942	0.21661048	2.01949347	0.2817301	11	3
1703.68	1035.68	0.13478	30.161	555.0115	1096.098	35.9831	0.248343	1.9856	0.09632016	528.161696	791.264072	0.20600352	2.0444502	0.27061004	11	3
1703.832	1035.832	0.132004	31.7929	564.086	1120.584	34.6409	0.24109	2.00167	0.09357241	537.255727	816.017354	0.19878234	2.06047721	0.26301311	11	3
1703.984	1035.984	0.150827	34.3577	577.5977	1112.146	33.2668	0.253189	1.97331	0.11242366	550.786956	807.846548	0.21091316	2.03207422	0.27569065	10	3
1704.137	1036.137	0.16756	34.8719	586.5048	1108.461	33.0674	0.278353	1.91863	0.12918509	559.713714	804.430412	0.23610919	1.97735095	0.30193055	10	3
1704.289	1036.289	0.1572	35.4906	586.485	1136.141	32.9514	0.288725	1.8967	0.11885334	559.713443	832.377431	0.24651301	1.95537797	0.31270378	10	3
1704.442	1036.442	0.128913	37.0878	568.1654	1181.31	31.6765	0.257362	1.96712	0.09059476	541.413499	877.815118	0.21518203	2.0257547	0.28006684	10	3
1704.594	1036.594	0.115022	36.181	546.2389	1189.829	31.5719	0.20845	2.07623	0.07673201	519.506526	886.60096	0.16630185	2.13482172	0.22863848	11	3
1704.746	1036.746	0.109496	38.47699	524.5323	1139.596	29.14045	0.1779724	2.14492	0.07123425	497.819452	836.634715	0.13585606	2.20346874	0.19620806	11	3
1704.899	1036.899	0.107207	36.2001	515.4086	1061.444	27.9428	0.171919	2.15915	0.06897367	488.715406	758.751137	0.12983467	2.21765549	0.18972964	11	3
1705.051	1037.051	0.1032	43.12664	502.4122	1018.231	27.65397	0.1678032	2.17	0.06499491	475.738531	715.804716	0.12575068	2.22846251	0.18531799	11	3
1705.204	1037.204	0.0956303	64.19859	495.7762	1025.123	28.7404	0.160626	2.18982	0.05745363	469.122184	722.964961	0.11860549	2.24823926	0.1776043	11	3
1705.356	1037.356	0.0873067	57.7484	484.598	1054.365	30.3586	0.155501	2.20629	0.04915826	457.963507	752.473365	0.11351229	2.26466628	0.17208392	10	3
1705.508	1037.508	0.085805	76.23581	475.1592	1074.67	30.9821	0.158101	2.2012	0.0476848	448.54423	773.044682	0.11614408	2.25953332	0.1748934	11	3
1705.661	1037.661	0.0920849	53.9938	471.7689	1064.916	32.3462	0.158183	2.19731	0.05399311	445.173581	763.558662	0.11625808	2.25560007	0.17498676	10	3
1705.813	1037.813	0.0947	45.0791	476.2357	1041.841	32.508	0.158519	2.1951	0.05663644	449.659902	740.749804	0.11662588	2.2533471	0.1753539	10	3
1705.966	1037.966	0.125302	46.8888	492.4155	1017.801	33.0357	0.165476	2.16699	0.08726686	465.859351	716.977608	0.12361487	2.22519385	0.18284723	10	3
1706.118	1038.118	0.174321	19.4126	512.9012	1024.723	34.517	0.189011	2.11009	0.13631409	486.364571	724.165574	0.14718166	2.16825089	0.2080383	10	3
1706.27	1038.27	0.19647	10.077	528.8152	1080.827	37.7445	0.22874	2.02656	0.15849131	502.29809	780.535453	0.18694244	2.08467793	0.25011249	10	3
1706.423	1038.423	0.159589	8.20928	539.1631	1158.031	36.7605	0.251529	1.97632	0.12163872	512.665637	858.006993	0.20976343	2.03439469	0.27403112	10	3
1706.575	1038.575	0.1298	11.4036	546.4686	1206.085	36.5248	0.261197	1.9587	0.09187794	519.990655	906.326697	0.21946321	2.01673174	0.28413833	10	3
1706.728	1038.728	0.130995	14.7912	557.0463	1205.839	36.2214	0.26217	1.95641	0.09310135	530.588001	906.348061	0.22046819	2.0143985	0.28515851	10	3
1706.88	1038.88	0.134994	18.4693	567.9324	1198.211	37.142	0.273816	1.93074	0.09712857	541.493617	898.985591	0.23214596	1.98868555	0.29729801	10	3
1707.032	1039.032	0.1286	32.98368	575.7073	1219.265	38.15621	0.2847541	1.90813	0.09076279	549.288033	920.305033	0.24311583	1.9660326	0.30866978	10	3
1707.185	1039.185	0.128799	62.48419	576.3636	1259.531	34.6747	0.277399	1.92395	0.09099019	549.963976	960.838134	0.23579271	1.98180937	0.3010342	10	3
1707.337	1039.337	0.1208	68.82899	575.2904	1300.712	33.5421	0.251192	1.982	0.08301941	548.910291	1002.2844	0.20961747	2.03981642	0.2737073	10	3
1707.49	1039.49	0.115222	69.44379	579.2123	1297.86	29.613	0.226401	2.03708	0.07746981	552.851833	999.699327	0.18485844	2.09485319	0.24768827	11	3
1707.642	1039.642	0.106007	69.5139	585.6088	1272.809	27.016	0.213493	2.06798	0.06828302	559.267845	974.913421	0.1719822	2.12571025	0.23407163	11	3
1707.794	1039.794	0.1079	54.1286	587.6928	1239.905	23.0207	0.208683	2.0779	0.07020424	561.371358	942.274428	0.16720396	2.13558731	0.22898719	11	3
1707.947	1039.947	0.107601	44.5693	581.8084	1200.801	22.4601	0.208318	2.0788	0.06993363	555.506597	903.43709	0.16687092	2.13644408	0.22860556	11	3
1708.099	1040.099	0.1085	42.8619	573.2622	1162.754	23.5695	0.209781	2.0753	0.07086084	546.979908	865.654923	0.16836567	2.13290115	0.2301593	11	3
1708.252	1040.252	0.0975439	43.1244	566.8428	1133.751	25.9362	0.214727	2.06823	0.05993313	540.580147	836.91841	0.17334363	2.12578793	0.23539547	11	3
1708.404	1040.404	0.0986981	46.18451	560.9189	1127.201	25.7257	0.213052	2.07149	0.06111554	534.675756	830.633069	0.17170038	2.129005	0.23362956	11	3
1708.556	1040.556	0.092101	47.31601	549.616	1140.801	27.3822	0.207883	2.08552	0.05454664	523.392365	844.497641	0.16656312	2.14299206	0.22816427	11	3
1708.709	1040.709	0.0933969	48.6507	528.2606	1148.057	28.768	0.194873	2.11393	0.05587093	502.056601	852.019866	0.15358507	2.17135885	0.21436185	11	3
1708.861	1040.861	0.0891	52.5274	506.4884	1131.247	30.0137	0.187024	2.1335	0.05160223	480.303908	835.474264	0.14576781	2.19088592	0.20600809	11	3
1709.014	1041.014	0.0995581	57.2994	497.0988	1086.436	29.2942	0.189601	2.12304	0.06208872	470.933943	790.929315	0.14837675	2.18038271	0.20875977	11	3
1709.166	1041.166	0.107887	64.31839	506.4653	1032.996	28.2224	0.209244	2.07667	0.07044582	480.319949	737.753539	0.16805148	2.13396979	0.2296248	11	3
1709.318	1041.318	0.109893	67.5765	538.2278	1013.387	28.5987	0.23154	2.02735	0.07248002	512.101954	718.408678	0.19037921	2.08460687	0.25315506	11	3
1709.471	1041.471	0.10581	86.6853	583.3213	1045.481	30.7772	0.247425	1.99388	0.0684254	557.215087	750.768466	0.20629615	2.05109366	0.26983119	11	3
1709.623	1041.623	0.1005	84.837	617.998	1111.792	31.4809	0.242827	2.0055	0.06314359	591.911291	817.343431	0.20172987	2.06267074	0.26501765	11	3
1709.776	1041.776	0.097014	83.0536	634.2303	1171.822	29.1517	0.222035	2.05231	0.05968597	608.163222	877.639045	0.1809698	2.10943754	0.24315915	11	3
1709.928	1041.928	0.0957021	79.34859	643.9547	1198.274	26.237	0.191839	2.11969	0.05840226	617.907124	904.354837	0.15080552	2.17677463	0.21117247	11	3
1710.08	1042.08	0.107009	66.326	646.1766	1190.512	24.3374	0.170124	2.16322	0.06973736	620.148526	896.856543	0.12912224	2.22026171	0.18797151	11	3
1710.233	1042.233	0.112383	55.3328	644.7522	1161.057	23.5681	0.163764	2.17516	0.07513973	618.743755	867.666896	0.12279416	2.23215852	0.18114439	11	3
1710.385	1042.385	0.1098	48.76761	624.4601	1130.889	23.5725	0.160607	2.1832	0.07258492	598.471155	837.762428	0.11966887	2.24015561	0.17775162	11	3
1710.538	1042.538	0.100637	29.655	600.5087	1113.774	25.816	0.152242	2.20621	0.06345029	574.539383	820.912608	0.11133579	2.26312242	0.16873259	11	3
1710.69	1042.69	0.0950045	19.496	564.4864	1100.587	27.8594	0.141219	2.23458	0.05784597	538.536582	807.988967	0.10034449	2.29144951	0.15679639	10	3

1710.842	1042.842	0.113334	24.5498	534.7522	1089.462	30.0643	0.133575	2.24199	0.07620366	508.82188	797.127241	0.0927322	2.29881661	0.14848509	10	3
1710.995	1042.995	0.155199	10.2898	506.5015	1070.666	32.3251	0.132582	2.23182	0.11809703	480.590806	778.59616	0.09177111	2.28860343	0.14740751	10	3
1711.147	1043.147	0.2446	4.482561	484.2009	1049.856	36.4313	0.138165	2.2414	0.20752621	458.309702	758.04926	0.0973858	2.29814052	0.15349234	7	2
1711.3	1043.3	0.275676	2.21525	471.3784	1031.195	38.2467	0.134782	2.27467	0.23863057	445.506827	739.653006	0.09403471	2.33136734	0.14981524	7	2
1711.452	1043.452	0.199822	1.82157	478.382	997.1611	36.5757	0.115176	2.2724	0.16280475	452.529922	705.882034	0.0744604	2.32905445	0.12769557	7	2
1711.604	1043.604	0.119851	2.32435	487.7814	991.4899	33.6728	0.150308	2.20205	0.08286192	461.948816	700.473677	0.10962409	2.25866155	0.16667631	7	2
1711.757	1043.757	0.0892735	3.91363	506.5638	986.3768	31.0311	0.198297	2.10813	0.05231279	480.750839	695.625062	0.15764499	2.16469838	0.21809853	10	3
1711.909	1043.909	0.0856029	8.27326	514.8966	1011.047	29.8747	0.210894	2.08162	0.04867036	489.103132	720.557932	0.17027367	2.13814548	0.23145827	10	3
1712.062	1044.062	0.0857992	12.0246	515.914	1040.427	28.937	0.193495	2.12054	0.04889502	490.140152	750.202244	0.15290656	2.17702231	0.2130031	10	3
1712.214	1044.214	0.0864989	20.0738	505.0739	1062.708	30.1402	0.162955	2.18959	0.04962289	479.319544	772.745742	0.12239824	2.24602943	0.18033809	10	3
1712.366	1044.366	0.110482	27.576	494.4272	1070.82	29.0278	0.137295	2.235	0.07363416	468.692335	781.120155	0.09676992	2.29139654	0.15258579	10	3
1712.519	1044.519	0.161636	17.1215	488.6052	1046.712	30.6278	0.130077	2.23659	0.12481651	462.889954	757.276208	0.0895838	2.29294337	0.14472409	10	3
1712.671	1044.671	0.1946	8.02367	498.4936	1019.544	31.0545	0.152823	2.1897	0.15780868	472.797843	730.370448	0.11236147	2.24601049	0.16942954	10	3
1712.824	1044.824	0.146294	4.47848	521.7919	1011.815	32.2437	0.186381	2.11729	0.10953103	496.115761	722.905328	0.14595135	2.17355733	0.20544924	10	3
1712.976	1044.976	0.0934423	4.50707	555.5103	1051.611	31.5634	0.219	2.06035	0.05670749	529.853649	762.963397	0.17860202	2.11657445	0.24005839	10	3
1713.128	1045.128	0.0896065	9.05177	574.6898	1118.264	31.2027	0.229047	2.03961	0.05289985	549.052636	829.878381	0.18868068	2.09579157	0.25065245	11	3
1713.281	1045.281	0.0976806	18.0283	570.4661	1151.336	31.643	0.219952	2.05666	0.0610023	544.848551	863.214002	0.17961755	2.11279842	0.24107274	11	3
1713.433	1045.433	0.0975	28.9441	555.9567	1135.783	31.1164	0.207412	2.0844	0.06084986	530.358637	847.922814	0.16710921	2.14049554	0.22782047	11	3
1713.586	1045.586	0.102281	41.4772	550.5481	1086.928	29.1143	0.205156	2.08759	0.0656592	524.969651	799.331262	0.16488507	2.14364239	0.22543492	11	3
1713.738	1045.738	0.110487	89.41579	574.5356	1066.715	28.6742	0.224067	2.04347	0.07389336	548.976636	779.379903	0.18382772	2.09947952	0.24542677	11	3
1713.89	1045.89	0.128398	89.9383	617.6272	1099.8	26.4668	0.249869	1.98337	0.09183251	592.08772	812.726458	0.20966137	2.03933665	0.27252874	10	3
1714.043	1046.043	0.126106	88.6514	657.9553	1175.934	26.3358	0.267432	1.94589	0.08956885	632.435431	889.123648	0.22725623	2.00181351	0.29087442	10	3
1714.195	1046.195	0.1244	63.33011	693.4394	1228.152	24.875	0.269841	1.941	0.087891	667.939014	941.603033	0.22969687	1.99688064	0.29338873	10	3
1714.348	1046.348	0.115834	41.506	705.1461	1253.351	26.9909	0.267088	1.94867	0.07935334	679.665324	967.06505	0.22697573	2.0045075	0.29052547	10	3
1714.5	1046.5	0.125185	27.9864	697.7486	1230.22	27.2389	0.263615	1.95429	0.08873249	672.287305	944.195264	0.22353436	2.01008464	0.28690939	10	3
1714.652	1046.652	0.122286	18.1943	676.1536	1246.659	27.4132	0.25941	1.96393	0.08586164	650.711785	960.895392	0.219361	2.01968178	0.28252606	10	3
1714.805	1046.805	0.113329	14.3215	650.5579	1251.408	26.2342	0.252969	1.97985	0.07693297	625.135693	965.907152	0.21295184	2.03555864	0.27580056	10	3
1714.957	1046.957	0.1085	13.5813	618.6117	1260.256	25.2113	0.24069	2.0078	0.07213212	593.208972	975.01611	0.20070448	2.06346579	0.26294413	10	3
1715.11	1047.11	0.101229	8.43054	579.15	1258.95	25.8894	0.212703	2.07135	0.06488945	553.766879	973.972698	0.17274931	2.12697265	0.23347328	11	3
1715.262	1047.262	0.0998011	4.78187	535.8845	1247.854	27.6598	0.172865	2.16023	0.06348969	510.520856	963.137485	0.13294294	2.2158098	0.19107737	10	3
1715.414	1047.414	0.143452	2.83887	494.132	1220.312	32.5619	0.131589	2.23595	0.10716873	468.787833	935.856187	0.09169856	2.29148695	0.14646894	7	2
1715.567	1047.567	0.238671	1.89391	452.6485	1166.941	39.3204	0.125255	2.26762	0.20241605	427.323938	882.747519	0.08539639	2.32311382	0.13955282	7	2
1715.719	1047.719	0.2971	1.41586	434.0072	1111.795	44.1876	0.146471	2.2672	0.26087319	408.702113	827.86205	0.10664401	2.32265098	0.1626565	7	2
1715.872	1047.872	0.266722	1.31815	434.2567	1063.417	42.8559	0.13609	2.26292	0.23052351	408.971216	779.74621	0.09629484	2.31832785	0.15138878	7	2
1716.024	1048.024	0.251025	1.34456	461.7	1028.907	39.1121	0.132046	2.2601	0.21485465	436.43399	745.496572	0.09228245	2.31546501	0.14698737	7	2
1716.176	1048.176	0.220292	1.55374	487.2662	1023.151	37.6302	0.132525	2.24147	0.18414978	462.019664	740.000848	0.09279306	2.29679217	0.14751471	7	2
1716.329	1048.329	0.209825	1.76394	507.2104	1058.244	39.8294	0.14581	2.20848	0.1737111	481.983465	775.355752	0.10610988	2.26375905	0.1619601	7	2
1716.481	1048.481	0.249	2.04112	512.235	1142.701	43.2674	0.170791	2.1692	0.21291423	487.027537	860.072858	0.13112248	2.22443622	0.18889288	7	2
1716.634	1048.634	0.336649	1.85274	501.1749	1257.407	45.7601	0.212382	2.13643	0.30059155	475.987036	975.040591	0.17274529	2.1916231	0.23318207	7	2
1716.786	1048.786	0.45521	1.39414	488.9662	1333.886	50.4502	0.273265	2.11993	0.41918068	463.797807	1051.77953	0.23365989	2.17508027	0.29703394	5	1
1716.938	1048.938	0.478821	1.09861	474.4338	1376.032	55.1803	0.290264	2.10529	0.4428198	449.284876	1094.18538	0.25069049	2.16039744	0.31469316	6	1
1717.091	1049.091	0.491968	0.893696	467.5418	1386.259	61.7492	0.299182	2.09911	0.45599511	442.412474	1104.67386	0.25964029	2.15417433	0.32393313	1	1
1717.243	1049.243	0.477	0.809164	462.8093	1412.895	62.6684	0.292524	2.0949	0.44105524	437.699442	1131.56954	0.25301388	2.1499215	0.3170447	1	1
1717.396	1049.396	0.468036	0.792426	458.7102	1446.058	60.8675	0.288899	2.09161	0.43211955	433.619938	1164.99384	0.24942068	2.14658839	0.31329223	1	1
1717.548	1049.548	0.487684	0.780509	454.6964	1474.811	56.8999	0.300362	2.0878	0.45179567	429.625605	1194.00636	0.26091527	2.14273557	0.32516792	4	1
1717.7	1049.7	0.464633	0.782597	454.1089	1481.378	56.7232	0.289933	2.08299	0.42877279	429.057572	1200.83279	0.25051785	2.13788275	0.31437367	4	1
1717.853	1049.853	0.485035	0.780204	460.4037	1469.501	57.3967	0.302438	2.07672	0.44920309	435.371965	1189.21684	0.26305464	2.13156965	0.32732411	4	1
1718.005	1050.005	0.5	0.790583	473.6101	1464.093	58.8223	0.312982	2.0681	0.46419621	448.59783	1184.0681	0.27363022	2.12290683	0.33821779	4	1
1718.158	1050.158	0.504781	0.764641	488.4083	1467.778	58.2731	0.319288	2.05595	0.46900551	463.415623	1188.01398	0.27996801	2.11071373	0.34472359	1	1
1718.31	1050.31	0.499309	0.727059	499.1926	1476.252	59.378	0.318631	2.04901	0.46356162	474.219386	1196.74707	0.27934258	2.10373092	0.34405133	1	1
1718.462	1050.462	0.480094	0.713222	503.8037	1471.355	60.6712	0.309008	2.0485	0.44437474	478.849949	1192.10907	0.26975115	2.1031781	0.33413066	4	1
1718.615	1050.615	0.472917	0.728787	503.3869	1451.49	63.3502	0.304104	2.05249	0.43722603	478.452739	1172.5047	0.26487893	2.10712501	0.32906975	1	1
1718.767	1050.767	0.4497	0.745573	502.0151	1464.808	64.8648	0.291225	2.057	0.41403714	477.100401	1186.08153	0.25203149	2.1115922	0.3157459	1	1
1718.92	1050.92	0.449899	0.763585	500.3512	1493.932	64.8166	0.290571	2.05919	0.41426444	475.456089	1215.46599	0.25140926	2.11373912	0.31507282	4	1
1719.072	1051.072	0.445507	0.773484	497.4237	1530.269	64.6058	0.288289	2.0597	0.40990054	472.548049	1252.06166	0.24915882	2.11420631	0.31271165	4	1
1719.224	1051.224	0.468277	0.775498	492.9373	1552.186	62.2115	0.297981	2.06401	0.43269865	468.081109	1274.23724	0.25888238	2.11847351	0.32275644	2	1
1719.377	1051.377	0.454134	0.767313	488.6577	1563.121	58.8392	0.289546	2.06829	0.41858394	463.821095	1285.43244	0.25047914	2.12271042	0.31402445	3	1
1719.529	1051.529	0.4503	0.766401	492.1693	1554.792	57.2109	0.286857	2.0707	0.41477804	467.352153	1277.36186	0.2478217	2.12507762	0.31124057	3	1

1719.682	1051.682	0.421217	0.759711	510.9485	1499.163	56.6473	0.274928	2.06542	0.38572333	486.150939	1221.99289	0.23592445	2.11975455	0.29885417	2	1
1719.834	1051.834	0.323357	0.832777	553.2622	1394.752	54.5139	0.238363	2.06021	0.28789143	528.484095	1117.84014	0.199391	2.11450175	0.26065525	8	2
1719.986	1051.986	0.21591	1.20449	601.7065	1287.962	47.0618	0.230437	2.02621	0.18047253	576.947851	1011.3083	0.19149655	2.08045896	0.252331	7	2
1720.139	1052.139	0.15968	2.21583	642.9373	1210.981	41.6891	0.255788	1.96719	0.12427081	618.198234	934.58708	0.2168793	2.02139588	0.27891423	10	3
1720.291	1052.291	0.1696	3.61636	660.0099	1166.14	39.2311	0.268794	1.9391	0.13421891	635.290288	890.004076	0.22991684	1.99326309	0.29248817	10	3
1720.444	1052.444	0.17966	4.38525	661.3029	1123.987	41.1659	0.239233	2.00265	0.14430718	636.60287	848.110684	0.20038758	2.05677002	0.26158751	10	3
1720.596	1052.596	0.160515	5.58612	652.4844	1068.586	41.1349	0.2007	2.08523	0.12519028	627.803823	792.967511	0.16188611	2.13930724	0.22093106	11	3
1720.748	1052.748	0.134196	6.74876	641.0108	1006.643	39.9449	0.202404	2.08475	0.09889937	616.349675	731.282255	0.16362165	2.13878445	0.22274397	11	3
1720.901	1052.901	0.129411	7.52744	619.3436	953.2917	39.3397	0.233155	2.01926	0.09414265	594.702055	678.19031	0.19440438	2.07325139	0.25521797	10	3
1721.053	1053.053	0.1519	5.50057	581.3292	919.4026	38.1117	0.23577	2.0106	0.11665973	556.707106	644.558787	0.19705091	2.06454861	0.25797062	10	3
1721.206	1053.206	0.21933	4.8254	529.0941	909.022	40.2243	0.207278	2.07723	0.18411801	504.491584	634.437373	0.16859064	2.13113555	0.22792482	10	3
1721.358	1053.358	0.305861	5.73511	475.7269	917.0233	41.345	0.195424	2.15038	0.27067709	451.143833	642.696081	0.15676816	2.20424277	0.21535061	7	2
1721.51	1053.51	0.356	3.53147	443.4066	956.8231	44.3894	0.202747	2.18441	0.32084418	418.842982	682.753206	0.16412268	2.23822999	0.22313193	7	2
1721.663	1053.663	0.3558	2.07657	435.7959	1012.754	45.3306	0.200751	2.18979	0.32067245	411.251858	738.94304	0.1621584	2.24356694	0.22101899	7	2
1721.815	1053.815	0.3994	1.36831	449.4421	1115.97	49.3565	0.226306	2.1769	0.36430053	424.917506	842.416198	0.18774491	2.23063417	0.24804021	7	2
1721.968	1053.968	0.440635	1.09479	471.0764	1232.695	54.3063	0.256394	2.14941	0.40556379	446.57138	959.399963	0.21786463	2.20310111	0.27960449	5	1
1722.12	1054.12	0.509689	0.926647	487.0102	1338.969	60.8348	0.302921	2.11955	0.47464587	462.524626	1065.93095	0.26442314	2.17319835	0.32795519	1	1
1722.272	1054.272	0.50644	0.809375	496.5277	1412.829	62.7666	0.304554	2.1076	0.47142495	472.061571	1140.04786	0.26608765	2.16120558	0.32964765	1	1
1722.425	1054.425	0.46892	0.747895	499.3797	1446.679	63.8401	0.285122	2.10501	0.43393321	474.933144	1174.15637	0.24668736	2.15857253	0.30953015	1	1
1722.577	1054.577	0.4694	0.717624	499.5668	1462.422	63.6901	0.281867	2.1163	0.43444129	475.139688	1190.15611	0.24346386	2.16981977	0.30615583	1	1
1722.73	1054.73	0.497587	0.69214	498.8546	1470.624	64.5233	0.297041	2.1166	0.46265654	474.447059	1198.61646	0.25866956	2.17007673	0.32189194	1	1
1722.882	1054.882	0.508591	0.664821	498.9695	1486.396	65.5933	0.303836	2.1142	0.47368862	474.581401	1214.64503	0.26549605	2.16763397	0.32892445	3	1
1723.034	1055.034	0.488885	0.657512	499.9245	1489.869	67.0687	0.294446	2.1093	0.45401069	475.555843	1218.37452	0.25613755	2.16269121	0.31921472	3	1
1723.187	1055.187	0.469646	0.661597	499.3896	1486.656	65.8181	0.283266	2.11219	0.43479994	475.040512	1215.41961	0.24498924	2.16553818	0.30762733	1	1
1723.339	1055.339	0.4658	0.674779	497.0627	1470.896	64.5607	0.282111	2.1094	0.43098201	472.733052	1199.91594	0.24386573	2.16270542	0.30643281	1	1
1723.492	1055.492	0.474073	0.676599	492.8979	1458.405	64.4554	0.288328	2.10342	0.43928326	468.58782	1187.68286	0.25011442	2.15668239	0.31288891	1	1
1723.644	1055.644	0.46152	0.6769	489.9048	1444.306	65.6529	0.281364	2.1047	0.42675832	465.614159	1173.84002	0.2431819	2.15791964	0.30566648	1	1
1723.796	1055.796	0.444095	0.674704	487.9324	1429.124	64.9121	0.269269	2.1145	0.40936139	463.661197	1158.91409	0.23111838	2.16767689	0.29309185	1	1
1723.949	1055.949	0.438214	0.679293	487.9324	1426.626	62.8361	0.265053	2.11829	0.40350863	463.680762	1156.67377	0.22693407	2.17142386	0.28870335	4	1
1724.101	1056.101	0.4249	0.682994	489.4224	1437.719	61.7979	0.258431	2.1182	0.3902227	465.190199	1168.02268	0.22034354	2.17129112	0.28179863	4	1
1724.254	1056.254	0.38745	0.6831006	492.5139	1447.821	61.62463	0.2402239	2.11959	0.35280094	468.301263	1178.38218	0.20216812	2.1726381	0.26274653	4	1
1724.406	1056.406	0.423242	0.683899	496.2783	1453.344	63.4097	0.256277	2.1222	0.388621	472.085099	1184.16092	0.21825269	2.17520536	0.2795582	4	1
1724.558	1056.558	0.500586	0.685798	499.15	1449.754	64.6087	0.298701	2.11659	0.46599305	474.976233	1180.82658	0.26070815	2.16955262	0.32366614	1	1
1724.711	1056.711	0.492127	0.67941	499.9836	1439.065	66.34	0.295784	2.11072	0.45756229	475.829395	1170.39484	0.25782282	2.1636396	0.32065189	1	1
1724.863	1056.863	0.4675	0.675803	496.7049	1426.38	62.3016	0.283848	2.1067	0.43296335	472.570128	1157.96533	0.24591828	2.15957686	0.30828334	1	1
1725.016	1057.016	0.412022	0.660824	492.4253	1430.896	63.1786	0.255787	2.1077	0.37751358	468.310089	1162.73842	0.21788895	2.16053385	0.2790652	4	1
1725.168	1057.168	0.448171	0.667994	489.127	1450.233	60.3031	0.273094	2.1091	0.41369064	465.031221	1182.33075	0.2352274	2.16189112	0.29711639	1	1
1725.32	1057.32	0.487024	0.672992	489.068	1462.406	63.7451	0.293804	2.1081	0.45257169	464.991652	1194.75899	0.25596885	2.16084839	0.31862039	1	1
1725.473	1057.473	0.502152	0.662616	489.7801	1452.429	61.2184	0.302571	2.10631	0.46772792	465.72331	1185.03883	0.26476751	2.15901538	0.32769669	4	1
1725.625	1057.625	0.4918	0.64353	489.4224	1437.719	63.179	0.297557	2.1042	0.45740396	465.38504	1170.58391	0.25978496	2.15686265	0.32251526	1	1
1725.778	1057.778	0.476959	0.629123	487.1644	1443.541	62.3412	0.290938	2.09992	0.44259119	463.146597	1176.66258	0.25319761	2.15253965	0.31566522	1	1
1725.93	1057.93	0.499663	0.633992	484.1779	1448.809	63.9351	0.302693	2.1013	0.46532324	460.179525	1182.1855	0.26498405	2.15387692	0.32783688	1	1
1726.082	1058.082	0.486222	0.639591	482.2021	1452.514	63.3943	0.296199	2.0988	0.45191028	458.223153	1186.14533	0.25852149	2.1513342	0.32112378	1	1
1726.235	1058.235	0.513534	0.6446003	481.3685	1448.349	63.08866	0.3120195	2.09541	0.47925051	457.409108	1182.23675	0.27437364	2.1479012	0.33747812	1	1
1726.387	1058.387	0.4908	0.650091	478.743	1431.631	60.4202	0.302601	2.0859	0.45654455	454.803034	1165.77342	0.26498657	2.13834849	0.32775584	4	1
1726.54	1058.54	0.486517	0.663389	472.8585	1394.903	60.148	0.3033	2.07644	0.45228977	448.938087	1129.30167	0.26571721	2.12884549	0.32848309	4	1
1726.692	1058.692	0.440374	0.674881	463.4821	1340.781	58.3483	0.278947	2.07979	0.40617481	439.581112	1075.43417	0.24139564	2.13215278	0.30324985	6	1
1726.844	1058.844	0.417397	0.688289	452.1628	1283.328	60.3914	0.262354	2.0961	0.38322584	428.281237	1018.23559	0.22483406	2.14842007	0.28597849	4	1
1726.997	1058.997	0.352955	0.70048	435.9961	1231.621	57.542	0.211189	2.15735	0.31881206	412.134088	966.784599	0.17370069	2.20962708	0.23224731	7	2
1727.149	1059.149	0.2755	0.756653	413.5805	1170.394	54.5842	0.134157	2.2761	0.24138509	389.737911	905.811852	0.09670011	2.32833437	0.14965033	7	2
1727.302	1059.302	0.262552	0.836665	391.7689	1068.169	48.6997	0.0931055	2.37311	0.22846531	367.94586	803.842695	0.05568024	2.42530138	0.10246743	7	2
1727.454	1059.454	0.308726	0.945515	392.2186	951.3488	52.3149	0.120837	2.36382	0.27466734	368.414982	687.276583	0.08344316	2.41596868	0.13486691	7	2
1727.606	1059.606	0.443772	0.981342	415.2937	930.3085	56.9642	0.229947	2.24912	0.40974137	391.509502	666.490289	0.19258457	2.30122598	0.25205446	7	2
1727.759	1059.759	0.488656	0.983297	441.5424	950.8532	60.8508	0.286476	2.13596	0.45465358	417.77775	687.290584	0.24914519	2.18802299	0.31109984	4	1
1727.911	1059.911	0.4842	0.914906	459.7079	1006.652	60.5187	0.298494	2.0879	0.4502256	435.962669	743.343225	0.26119459	2.1399203	0.32355524	4	1
1728.064	1060.064	0.466073	0.874663	467.6108	1066.561	59.4361	0.290752	2.08272	0.43212681	443.885116	803.507654	0.25348421	2.13469732	0.31554295	4	1
1728.216	1060.216	0.442619	0.8214303	473.3672	1164.463	63.27981	0.2762437	2.09109	0.40870084	449.660933	901.663331	0.23900731	2.14302462	0.30048698	4	1
1728.368	1060.368	0.462492	0.808221	480.4135	1264.115	62.4195	0.285831	2.0923	0.42860186	456.726651	1001.56893	0.24862601	2.14419193	0.31044948	6	1

1728.521	1060.521	0.452025	0.800606	483.0325	1319.672	62.3049	0.281276	2.09001	0.41816306	459.365195	1057.38111	0.24410261	2.14185896	0.30572588	6	1
1728.673	1060.673	0.4324	0.795109	482.0249	1329.235	59.0663	0.272742	2.0867	0.39856608	458.377011	1067.19754	0.23560001	2.13850627	0.29685863	6	1
1728.826	1060.826	0.39495	0.799696	476.3768	1304.87	60.4451	0.248829	2.10503	0.36114428	452.748453	1043.08755	0.21171861	2.1567933	0.27190681	4	1
1728.978	1060.978	0.429644	0.798402	471.6476	1278.438	61.5484	0.255547	2.13415	0.3958663	448.038668	1016.90882	0.218468	2.18587061	0.2789376	4	1
1729.13	1061.13	0.452206	0.802497	469.0154	1257.355	61.9183	0.259972	2.15799	0.41845631	445.425881	996.079007	0.22292438	2.20966793	0.28356376	4	1
1729.283	1061.283	0.455991	0.805495	468.9564	1233.82	61.2904	0.263605	2.15271	0.42226951	445.386422	972.798776	0.22658897	2.20434497	0.28735901	4	1
1729.435	1061.435	0.475085	0.787529	464.7817	1208.005	60.2038	0.280281	2.13162	0.44139152	441.231134	947.236797	0.24329636	2.18321229	0.3047206	6	1
1729.588	1061.588	0.418427	0.76184	454.913	1190.272	60.1929	0.248151	2.13947	0.38476172	431.381973	929.758401	0.21119794	2.19101933	0.27122076	4	1
1729.74	1061.74	0.359994	0.769188	438.5494	1176.501	56.3825	0.204092	2.18583	0.32635672	415.037784	916.240259	0.16717032	2.23733665	0.22481806	7	2
1729.892	1061.892	0.321282	0.843475	429.1008	1146.787	54.33	0.166797	2.2408	0.28767273	405.608594	886.779035	0.12990669	2.29226398	0.18503535	7	2
1730.045	1062.045	0.372336	0.948222	431.4145	1087.995	55.9981	0.191279	2.24299	0.33875492	407.941831	828.241392	0.15442027	2.29441102	0.21121601	7	2
1730.197	1062.197	0.4218	0.9440365	444.6111	1086.495	59.81953	0.2302607	2.2022	0.38824693	421.15784	826.994005	0.19343334	2.25357835	0.2524655	4	1
1730.35	1062.35	0.412637	0.864622	455.7237	1123.699	62.8504	0.239919	2.15569	0.37911211	432.289976	864.452198	0.20312321	2.2070254	0.26261692	4	1
1730.502	1062.502	0.419195	0.831326	461.1356	1190.742	61.6251	0.251466	2.13062	0.38569812	437.721283	931.747647	0.21470157	2.18191273	0.27471826	4	1
1730.654	1062.654	0.420633	0.826208	461.8542	1241.303	61.8396	0.257117	2.11589	0.38716412	438.45929	982.561015	0.22038393	2.16714007	0.28062989	4	1
1730.807	1062.807	0.4624	0.825101	460.5448	1270.092	59.9762	0.283175	2.10044	0.4289593	437.169423	1011.60396	0.2464735	2.15164712	0.30776824	6	1
1730.959	1062.959	0.4408	0.809425	459.4092	1293.075	59.1836	0.277121	2.0858	0.4073873	436.053228	1034.83917	0.24045085	2.13696446	0.30148382	6	1
1731.112	1063.112	0.461517	0.819792	458.2212	1298.306	59.4346	0.283483	2.09805	0.42813248	434.884761	1040.32395	0.24684441	2.14917152	0.30809737	6	1
1731.264	1063.264	0.431748	0.823893	456.9642	1300.948	61.4715	0.259872	2.12416	0.39839147	433.647164	1043.21799	0.22326476	2.17523886	0.28352554	4	1
1731.416	1063.416	0.453102	0.828892	457.6206	1305.376	62.4227	0.266127	2.13929	0.41977347	434.322968	1047.89795	0.22955111	2.1903262	0.29005442	4	1
1731.569	1063.569	0.455993	0.829599	460.4168	1315.248	62.5738	0.270677	2.12952	0.42269264	437.138698	1058.02349	0.23413266	2.18051327	0.29479877	6	1
1731.721	1063.721	0.4649	0.821912	464.1221	1330.906	63.2582	0.279112	2.1175	0.43162763	440.863399	1073.93329	0.242599	2.16845062	0.3035766	6	1
1731.874	1063.874	0.448267	0.8163134	464.8966	1323.892	63.51869	0.2718188	2.11322	0.41502281	441.657428	1067.17266	0.23533735	2.16412768	0.29599678	6	1
1732.026	1064.026	0.434522	0.815002	462.7535	1296.104	60.6989	0.264275	2.115	0.40130579	439.533728	1039.6363	0.22782489	2.16586504	0.28814263	4	1
1732.178	1064.178	0.39922	0.8392938	457.975	1259.015	59.32902	0.2444218	2.12302	0.36603178	434.774628	1002.79885	0.20800302	2.17384239	0.26739525	4	1
1732.331	1064.331	0.41186	0.856672	457.7979	1228.609	59.3532	0.245426	2.13785	0.37869995	434.617054	972.645977	0.20903876	2.18862946	0.26845219	4	1
1732.483	1064.483	0.4095	0.870988	458.3328	1213.951	61.0032	0.240346	2.1496	0.37636793	435.171352	958.239369	0.20399009	2.20033682	0.26313132	4	1
1732.636	1064.636	0.426432	0.862514	458.6314	1203.492	59.7616	0.247942	2.15269	0.3933281	435.489478	948.033334	0.21161762	2.2033839	0.27109669	4	1
1732.788	1064.788	0.433095	0.859402	453.2655	1162.55	58.0066	0.25241	2.1495	0.40001908	430.142974	907.342563	0.21611695	2.20015125	0.27577655	4	1
1732.94	1064.94	0.42585	0.86589	445.4973	1119.55	56.98	0.246014	2.15781	0.39280206	422.39417	864.593712	0.20975227	2.20841862	0.26908708	4	1
1733.093	1065.093	0.394575	0.888682	440.4464	1072.399	56.9173	0.227761	2.16518	0.36155522	417.362793	817.695432	0.19153079	2.2157457	0.24992548	7	2
1733.245	1065.245	0.3935	0.900681	447.5353	1031.621	59.5797	0.227091	2.1656	0.3605082	424.471088	777.168419	0.19089211	2.21612306	0.24922488	4	1
1733.398	1065.398	0.450472	0.910884	459.4814	966.5049	60.2101	0.2659	2.13552	0.41750836	436.43671	712.304876	0.22973263	2.18600015	0.28987911	4	1
1733.55	1065.55	0.482748	0.986773	470.7877	885.2969	58.8866	0.297364	2.08907	0.44981233	447.762403	631.347701	0.26122794	2.13950752	0.32255922	4	1
1733.702	1065.702	0.441894	1.11698	463.469	805.3561	52.4022	0.286741	2.0592	0.4089863	440.463095	551.657645	0.25063625	2.10959489	0.31155779	4	1
1733.855	1065.855	0.309717	1.348786	455.7729	752.3302	46.74073	0.2335466	2.06169	0.27683746	432.786515	498.884057	0.19747336	2.11204198	0.25603463	7	2
1734.007	1066.007	0.1761	1.64917	460.4759	735.6613	40.7333	0.194631	2.0981	0.14324843	437.508906	482.46574	0.15858906	2.14840936	0.21490748	7	2
1734.16	1066.16	0.0986102	1.983402	475.9928	750.7581	36.29062	0.1664198	2.17519	0.06578678	453.045324	497.81469	0.13040937	2.22545645	0.18476623	7	2
1734.312	1066.312	0.0707443	1.8533	490.64	794.6307	30.691	0.139955	2.25557	0.03794885	467.711914	541.937711	0.10397587	2.30579383	0.15618883	10	3
1734.464	1066.464	0.0694075	1.81843	492.2908	832.9308	27.6965	0.124127	2.29705	0.03664001	469.382103	580.488151	0.08817916	2.34723121	0.13893425	7	2
1734.617	1066.617	0.0740888	1.8159	477.276	858.7265	25.1832	0.134609	2.26587	0.04134946	454.386819	606.535758	0.09869266	2.31600831	0.15038416	7	2
1734.769	1066.769	0.0828	1.85877	456.5573	878.8383	25.4448	0.152484	2.2162	0.05008862	433.687507	626.897737	0.11659895	2.2662957	0.16977494	7	2
1734.922	1066.922	0.084792	1.82835	439.849	907.2465	25.7546	0.154184	2.21092	0.05210877	416.998721	655.557681	0.11833045	2.2609728	0.17161556	7	2
1735.074	1067.074	0.0826018	1.75646	420.5185	932.2809	26.2491	0.135159	2.25746	0.04994653	397.687607	680.842099	0.09933673	2.30747019	0.15099779	7	2
1735.226	1067.226	0.0784939	1.6955	405.2708	938.9661	26.4812	0.115495	2.31003	0.04586659	382.459293	687.777236	0.07970401	2.35999758	0.12889622	7	2
1735.379	1067.379	0.0747121	1.64638	395.1756	926.8526	25.8656	0.11032	2.32784	0.04211293	372.383605	675.915237	0.0745605	2.37776469	0.1228564	7	2
1735.531	1067.531	0.0894	1.56972	387.3777	914.6407	27.4008	0.109809	2.3139	0.05682878	364.605089	663.953114	0.07408077	2.36378208	0.12226474	7	2
1735.684	1067.684	0.147667	1.58058	393.0948	909.8851	32.2993	0.11066	2.28033	0.11512392	370.3417	659.448853	0.07496326	2.33016919	0.12326412	7	2
1735.836	1067.836	0.263414	1.606739	414.4405	918.9202	38.5444	0.1446298	2.23927	0.23089887	391.706783	668.733569	0.10896433	2.28906659	0.16131041	7	2
1735.988	1067.988	0.394142	1.38693	441.0305	959.8195	46.0441	0.22206	2.18176	0.36165482	418.316165	709.882404	0.1864258	2.23151399	0.24400982	7	2
1736.141	1068.141	0.446774	1.13363	466.4293	1046.899	50.51987	0.2635018	2.13701	0.41431496	443.734474	797.213001	0.22789907	2.18672111	0.28746353	5	1
1736.293	1068.293	0.4585	0.960655	486.6328	1163.823	54.6026	0.278178	2.1098	0.42606891	463.957355	914.386375	0.24260653	2.15946851	0.30274685	6	1
1736.446	1068.446	0.46338	0.869369	497.4631	1257.969	56.5232	0.281629	2.10691	0.43097704	474.807162	1008.78331	0.246089	2.15653563	0.30633664	6	1
1736.598	1068.598	0.480572	0.857818	503.8398	1310.771	56.6402	0.292082	2.10241	0.44819698	481.203241	1061.83452	0.25657326	2.15199304	0.31718348	1	1
1736.75	1068.75	0.500081	0.849507	505.1756	1338.553	55.4943	0.304472	2.0961	0.46773393	482.55842	1089.86566	0.26899451	2.14564045	0.33000747	1	1
1736.903	1068.903	0.487929	0.851497	504.8802	1344.26	55.2084	0.298273	2.095	0.45561005	482.282525	1095.82335	0.26282697	2.14449757	0.32360259	1	1
1737.055	1069.055	0.4532	0.844206	503.7446	1340.335	55.2681	0.279838	2.0962	0.420909	481.166302	1092.14733	0.24442322	2.14565499	0.30449513	6	1
1737.208	1069.208	0.420929	0.845198	504.1615	1325.359	55.4265	0.263853	2.0966	0.38866612	481.602706	1077.42186	0.22846968	2.14601212	0.28786271	5	1

1737.36	1069.36	0.475212	0.830623	506.7837	1320.65	53.2159	0.292969	2.09051	0.44297706	484.244282	1072.96167	0.25761692	2.13987953	0.31812571	1	1
1737.512	1069.512	0.491682	0.81832	511.6311	1325.317	52.205	0.300675	2.0937	0.459475	489.111057	1077.87741	0.26535417	2.14302695	0.32610581	1	1
1737.665	1069.665	0.480536	0.802525	517.8077	1336.36	51.2328	0.294634	2.0941	0.44835712	495.307159	1089.1707	0.25934461	2.14338409	0.31985939	1	1
1737.817	1069.817	0.4658	0.8025	524.3321	1334.844	51.87439	0.2854933	2.0987	0.43364905	501.850932	1087.90327	0.25023515	2.14794151	0.31038984	6	1
1737.97	1069.97	0.458031	0.813482	529.1434	1315.825	49.9591	0.283063	2.09382	0.42590817	506.681733	1069.1344	0.24783629	2.14301865	0.30787234	6	1
1738.122	1070.122	0.472588	0.8191785	530.594	1300.486	50.6875	0.2921787	2.0887	0.4404931	508.151705	1054.04381	0.25698322	2.13785607	0.31733037	6	1
1738.274	1070.274	0.476911	0.798832	528.2081	1288.907	49.4439	0.293006	2.09321	0.44484403	505.785177	1042.71315	0.25784175	2.1423235	0.31819203	6	1
1738.427	1070.427	0.490866	0.789507	524.2796	1300.922	49.1982	0.295146	2.11056	0.45882714	501.876175	1054.97804	0.26001319	2.15963064	0.32041284	1	1
1738.579	1070.579	0.4872	0.78331	521.8248	1306.442	48.3783	0.291976	2.1145	0.45518907	499.440745	1060.74621	0.25687441	2.16352807	0.31713437	6	1
1738.732	1070.732	0.485308	0.780602	521.7657	1310.601	49.4459	0.295051	2.10095	0.45332518	499.401142	1065.15494	0.25998084	2.14993522	0.32032382	6	1
1738.884	1070.884	0.489593	0.765823	523.7316	1312.882	50.9285	0.30472	2.07704	0.4576381	501.386411	1067.68395	0.26968106	2.12598266	0.33032894	1	1
1739.036	1071.036	0.502611	0.746415	524.9261	1323.656	51.767	0.313958	2.0694	0.47068403	502.600279	1078.70589	0.27895028	2.11830009	0.33986938	1	1
1739.189	1071.189	0.509484	0.739511	524.6899	1341.841	50.954	0.317402	2.0701	0.47758513	502.383573	1097.14038	0.2824257	2.11895725	0.34342446	1	1
1739.341	1071.341	0.5126	0.737204	523.2557	1350.597	52.9877	0.319254	2.0695	0.48072905	500.96874	1106.14415	0.28430891	2.11831468	0.3453373	4	1
1739.494	1071.494	0.508317	0.746884	520.8796	1354.047	51.9377	0.316566	2.07079	0.47647416	498.612133	1109.84348	0.28165232	2.11956184	0.34257215	1	1
1739.646	1071.646	0.501611	0.756784	518.1884	1348.937	52.1876	0.312965	2.0709	0.46979607	495.940299	1104.9811	0.27808253	2.11962929	0.33886383	1	1
1739.798	1071.798	0.487674	0.763295	515.1395	1339.472	52.1271	0.303755	2.07691	0.45588699	492.910763	1095.76364	0.26890373	2.12559673	0.32935969	1	1
1739.951	1071.951	0.471452	0.771487	512.7634	1321.178	53.55	0.2931	2.08398	0.43969309	490.554154	1077.71872	0.25828014	2.13262389	0.31834074	1	1
1740.103	1072.103	0.4946	0.7812932	511.6213	1308.471	55.36826	0.3037978	2.0886	0.462869	489.431417	1065.2591	0.26900914	2.13720134	0.32941323	1	1
1740.256	1072.256	0.507349	0.782698	512.7502	1301.694	54.9402	0.309709	2.09179	0.4756461	490.579807	1058.73103	0.27495174	2.14034851	0.33552287	1	1
1740.408	1072.408	0.511896	0.777304	514.3649	1300.952	55.8474	0.312012	2.0924	0.48022101	492.213869	1058.23625	0.27728593	2.14091596	0.33790397	4	1
1740.56	1072.56	0.518769	0.773207	515.4381	1301.789	54.8708	0.317139	2.0878	0.48712192	493.30643	1059.32039	0.28244412	2.13627341	0.34319517	4	1
1740.713	1072.713	0.479893	0.769203	514.0696	1302.501	50.7301	0.298153	2.08181	0.44827401	491.957418	1060.28108	0.26348952	2.13024059	0.32359497	1	1
1740.865	1072.865	0.4682	0.768301	512.8749	1301.07	47.6518	0.29343	2.0778	0.43660892	490.782077	1059.09706	0.2587977	2.12618805	0.3187105	6	1
1741.018	1073.018	0.458631	0.770698	512.7568	1300.476	49.2827	0.287588	2.08089	0.427068	490.683464	1058.75159	0.25298709	2.12923522	0.31266076	6	1
1741.17	1073.17	0.460297	0.76421	513.6495	1300.594	52.0017	0.288684	2.0801	0.42876191	491.595522	1059.11642	0.25411427	2.12840268	0.31380186	6	1
1741.322	1073.322	0.441995	0.756412	515.6186	1301.552	53.3155	0.281978	2.07319	0.41048781	493.583979	1060.32116	0.24743945	2.12145014	0.30684871	6	1
1741.475	1073.475	0.435516	0.748712	514.6669	1307.739	51.3528	0.281083	2.06682	0.40403689	492.651764	1066.75645	0.24657583	2.11503733	0.305924	6	1
1741.627	1073.627	0.438	0.743408	512.3367	1321.716	51.5062	0.281159	2.07	0.40654879	490.34092	1080.98004	0.246683	2.11817479	0.30600759	6	1
1741.78	1073.78	0.431725	0.7439	508.9498	1337.407	51.1349	0.272406	2.08673	0.40030188	486.973502	1096.91917	0.23796138	2.13486198	0.296913	7	2
1741.932	1073.932	0.415426	0.744299	509.5307	1330.322	49.9239	0.262234	2.09379	0.38403077	487.573757	1090.0806	0.22782054	2.14187945	0.28631975	7	2
1742.084	1074.084	0.430042	0.758488	514.9097	1273.436	51.2785	0.270936	2.08867	0.39867467	492.972111	1033.44095	0.23655371	2.13671692	0.29539237	6	1
1742.237	1074.237	0.456316	0.783958	519.9573	1230.082	51.735	0.291061	2.06697	0.42497675	498.039192	990.334839	0.25671008	2.11497411	0.31629826	6	1
1742.389	1074.389	0.4864	0.790095	518.9597	1213.712	52.2089	0.306548	2.066	0.45508864	497.060944	974.211031	0.27222824	2.11396159	0.33232422	1	1
1742.542	1074.542	0.496758	0.752858	512.1267	1253.056	52.3758	0.309788	2.07287	0.46547471	490.247424	1013.80276	0.2754996	2.12078878	0.33567406	1	1
1742.694	1074.694	0.512487	0.718627	499.0417	1296.501	52.6203	0.313226	2.08939	0.4812316	477.181775	1057.4938	0.27896875	2.13726626	0.33922585	1	1
1742.846	1074.846	0.507986	0.717701	488.5757	1327.447	52.4566	0.309753	2.09281	0.47675849	466.735125	1088.68575	0.27552691	2.14064374	0.33564719	1	1
1742.999	1074.999	0.499029	0.726785	481.5097	1328.874	50.3712	0.303427	2.09768	0.46782956	459.688603	1090.36025	0.26923226	2.14547094	0.32911838	1	1
1743.151	1075.151	0.5115	0.737183	479.2189	1315.632	50.4889	0.309388	2.1006	0.48032845	457.417152	1077.36405	0.27522441	2.14834843	0.33527974	1	1
1743.304	1075.304	0.512396	0.738797	478.2672	1311.234	51.4241	0.308466	2.10548	0.48125251	456.484927	1073.21338	0.27433375	2.15318563	0.33433262	1	1
1743.456	1075.456	0.484545	0.741695	476.4785	1314.076	51.4002	0.289792	2.11698	0.4534294	454.715575	1076.30103	0.2556909	2.16464312	0.31502038	1	1
1743.608	1075.608	0.462303	0.742099	473.7282	1320.988	49.697	0.273999	2.12961	0.43121528	451.984622	1083.45859	0.23992904	2.17723061	0.29862649	6	1
1743.761	1075.761	0.466191	0.7416	473.492	1304.096	49.4962	0.271021	2.14646	0.43513134	451.767896	1066.81369	0.23698238	2.19403782	0.29553235	6	1
1743.913	1075.913	0.4866	0.7413	477.4302	1283.288	49.8464	0.286338	2.1325	0.45556822	455.725441	1046.25109	0.25233051	2.18003531	0.3114529	6	1
1744.066	1076.066	0.533711	0.731708	485.6908	1276.515	51.7181	0.318412	2.11278	0.50270728	464.005514	1039.72503	0.28443585	2.16027253	0.34461353	1	1
1744.218	1076.218	0.553069	0.715626	495.4939	1287.21	50.5701	0.336942	2.08564	0.52209316	473.827958	1050.66528	0.30299697	2.13309002	0.36367504	8	2
1744.37	1076.37	0.533889	0.700812	499.8096	1302.754	51.1872	0.327272	2.0817	0.50294103	478.163001	1066.45445	0.2933581	2.12910752	0.35374324	4	1
1744.523	1076.523	0.526817	0.701199	501.7099	1309.409	51.6513	0.322716	2.08389	0.49589709	480.082771	1073.35616	0.28883343	2.13125474	0.34905993	4	1
1744.675	1076.675	0.513	0.716088	502.4909	1310.141	54.3821	0.314124	2.0873	0.48210796	480.883114	1074.33317	0.28027255	2.13462224	0.34021219	4	1
1744.828	1076.828	0.491984	0.720792	504.5717	1309.071	55.7958	0.303289	2.08571	0.46112001	482.983382	1073.50972	0.26946887	2.13298947	0.32903148	1	1
1744.98	1076.98	0.476724	0.722198	506.5441	1307.519	54.8283	0.296703	2.08121	0.44588788	484.975123	1072.20257	0.26291399	2.12844697	0.32222477	1	1
1745.132	1077.132	0.485887	0.718606	505.4677	1306.186	52.4923	0.303016	2.0763	0.45507875	483.918063	1071.11435	0.2692581	2.12349448	0.32875859	1	1
1745.285	1077.285	0.477926	0.714806	500.896	1296.331	52.412	0.299847	2.07331	0.4471458	479.365829	1061.50566	0.26612041	2.12046171	0.32548682	1	1
1745.437	1077.437	0.4688	0.716797	493.6003	1276.606	53.026	0.295949	2.071	0.43804766	472.089468	1042.02528	0.26225352	2.11810922	0.32145829	1	1
1745.59	1077.59	0.417804	0.737666	492.1136	1232.865	53.4426	0.273019	2.06642	0.38707971	470.622233	998.530434	0.23935483	2.11348645	0.29766773	6	1
1745.742	1077.742	0.411605	0.766876	494.0761	1211.7	51.0182	0.27503	2.05321	0.38090857	472.60407	977.609899	0.24139693	2.10023396	0.29976422	7	2
1745.894	1077.894	0.430822	0.754919	497.1217	1207.178	50.4454	0.287129	2.0435	0.40015343	475.669007	973.332286	0.25352703	2.09048148	0.31233386	6	1
1746.047	1078.047	0.458035	0.725723	499.1434	1244.532	51.0673	0.299852	2.0435	0.42739447	477.71017	1010.9322	0.26628134	2.09043872	0.3255152	6	1

1746.199	1078.199	0.472	0.699341	499.8064	1277.44	50.833	0.303943	2.0516	0.44138733	478.392505	1044.08443	0.27040343	2.09849624	0.32974907	1	1
1746.352	1078.352	0.473295	0.690707	500.7581	1296.341	51.4234	0.304093	2.05309	0.44271037	479.363667	1063.23119	0.27058473	2.09994348	0.32990872	1	1
1746.504	1078.504	0.452034	0.687106	498.4969	1302.73	52.4467	0.295878	2.04671	0.42147723	477.121801	1069.86427	0.26240082	2.093521	0.32141733	6	1
1746.656	1078.656	0.437322	0.686401	498.3131	1303.469	53.417	0.290494	2.0424	0.40679308	476.957334	1070.84727	0.2570479	2.08916853	0.31584565	6	1
1746.809	1078.809	0.451366	0.685501	497.8372	1309.649	52.6573	0.297362	2.0415	0.42086511	476.500893	1077.27279	0.26394719	2.08822578	0.32296248	6	1
1746.961	1078.961	0.456296	0.685101	499.2682	1319.202	51.0645	0.29642	2.05109	0.42582296	477.951225	1087.06963	0.26303627	2.09777331	0.32199225	8	2
1747.114	1079.114	0.490164	0.684401	501.0535	1344.171	52.8782	0.307853	2.06803	0.459719	479.755983	1112.284	0.27450056	2.11467056	0.33381561	1	1
1747.266	1079.266	0.511067	0.681105	502.6091	1365.481	53.5247	0.313793	2.08487	0.48064984	481.330913	1133.83768	0.28047163	2.13146809	0.33994953	4	1
1747.418	1079.418	0.534179	0.680201	504.342	1396.216	54.882	0.324714	2.0912	0.50378969	483.083143	1164.81629	0.29142371	2.13775562	0.35120403	8	2
1747.571	1079.571	0.521142	0.668918	505.0541	1414.864	56.4112	0.317569	2.0908	0.49078072	483.814699	1183.70942	0.28430998	2.13731288	0.34385127	8	2
1747.723	1079.723	0.5141	0.673696	505.0574	1435.33	57.2339	0.313603	2.0911	0.48376656	483.837327	1204.41888	0.28037505	2.13757042	0.33976746	1	1
1747.876	1079.876	0.522068	0.67999	504.1648	1444.365	58.8261	0.318081	2.0908	0.49176259	482.964181	1213.69885	0.28488432	2.13722768	0.34438809	1	1
1748.028	1080.028	0.542683	0.688293	502.5533	1448.933	58.4143	0.330233	2.0886	0.51240543	481.372008	1218.51015	0.29706739	2.13498522	0.35689848	1	1
1748.18	1080.18	0.541503	0.684905	501.4769	1449.416	57.8061	0.328947	2.09081	0.51125327	480.314934	1219.23637	0.29581245	2.13715276	0.35558104	1	1
1748.333	1080.333	0.54549	0.680603	501.8345	1450.367	57.4914	0.328991	2.09878	0.51526829	480.691987	1220.43211	0.29588771	2.14508003	0.35563091	1	1
1748.485	1080.485	0.5436	0.678603	502.7306	1450.128	56.1033	0.324812	2.1101	0.51340613	481.607411	1220.43618	0.29173976	2.15635757	0.35133717	1	1
1748.638	1080.638	0.545295	0.683396	503.9777	1451.556	57.3249	0.324845	2.11359	0.51512914	482.873962	1222.10876	0.29180402	2.15980484	0.35137575	1	1
1748.79	1080.79	0.541706	0.685397	503.9842	1451.086	56.3725	0.323368	2.1114	0.51156798	482.899785	1221.88167	0.29035807	2.15757239	0.34986035	1	1
1748.942	1080.942	0.528597	0.688196	503.0292	1449.412	57.6022	0.317391	2.106	0.49848681	481.964108	1220.4505	0.28441212	2.15212995	0.3437094	1	1
1749.095	1081.095	0.525009	0.690796	502.7896	1448.937	60.6599	0.31503	2.1072	0.49492683	481.743957	1220.21985	0.28208237	2.15328722	0.34128048	1	1
1749.247	1081.247	0.5631	0.689502	503.0292	1447.266	59.868	0.339651	2.0968	0.53304566	482.002878	1218.79153	0.30673441	2.14284478	0.36660729	2	1
1749.4	1081.4	0.561008	0.683609	503.2065	1448.812	58.5375	0.34295	2.08027	0.53098167	482.199626	1220.58173	0.31006466	2.12627205	0.36999581	2	1
1749.552	1081.552	0.553013	0.676212	501.8969	1455.967	56.8377	0.343838	2.06113	0.52301449	480.909345	1227.97925	0.31098369	2.10708961	0.37091089	2	1
1749.704	1081.704	0.491579	0.675401	501.0009	1467.703	58.5349	0.314117	2.05069	0.46160832	480.032664	1239.95769	0.28129373	2.09660718	0.34035757	1	1
1749.857	1081.857	0.478741	0.680192	502.248	1486.111	58.8399	0.308625	2.04761	0.44879833	481.29921	1258.60966	0.27583297	2.09348446	0.33469591	2	1
1750.009	1082.009	0.4996	0.683497	505.7729	1495.241	58.7266	0.318467	2.05	0.46968515	484.843428	1267.98195	0.285706	2.09583202	0.34485039	2	1
1750.162	1082.162	0.53944	0.686295	509.6948	1499.639	59.7102	0.334574	2.06713	0.50955315	488.784772	1272.62375	0.30184423	2.11291931	0.36142315	1	1
1750.314	1082.314	0.556187	0.690397	511.1421	1494.293	61.297	0.339396	2.08319	0.52632797	490.251388	1267.51989	0.30669725	2.12893688	0.36637782	2	1
1750.466	1082.466	0.55802	0.689302	509.8851	1483.876	61.5551	0.339337	2.08719	0.52818879	489.013703	1257.34495	0.30666927	2.13289445	0.36632186	2	1
1750.619	1082.619	0.570271	0.690899	506.4391	1465.212	59.808	0.348319	2.08002	0.54046779	485.587145	1238.92452	0.3156825	2.12568174	0.37553527	2	1
1750.771	1082.771	0.5512	0.694894	503.9252	1455.619	61.6536	0.34023	2.0702	0.52142461	483.092559	1229.57343	0.30762451	2.11581932	0.36724729	2	1
1750.924	1082.924	0.561857	0.694201	503.2688	1451.579	62.0213	0.347377	2.06612	0.5321096	482.4556	1225.77685	0.31480273	2.11169661	0.37457938	2	1
1751.076	1083.076	0.560702	0.692103	504.1024	1451.799	60.9999	0.345607	2.07009	0.53098242	483.308513	1226.2386	0.31306374	2.11562419	0.37277016	2	1
1751.228	1083.228	0.589896	0.686409	504.2205	1450.131	58.3385	0.359375	2.0812	0.56020423	483.445925	1224.81227	0.32686275	2.12669177	0.38686809	2	1
1751.381	1083.381	0.585411	0.685601	503.0916	1450.607	57.7181	0.35568	2.08529	0.55574722	482.336463	1225.53146	0.32319896	2.13073907	0.38309378	2	1
1751.533	1083.533	0.5562	0.695085	501.536	1450.01	59.0085	0.339345	2.0834	0.52656403	480.800174	1225.17598	0.30689497	2.12880665	0.36636222	2	1
1751.686	1083.686	0.539467	0.702294	499.872	1446.446	59.157	0.332325	2.07493	0.50985902	479.155611	1221.85501	0.29990617	2.12029396	0.35915885	2	1
1751.838	1083.838	0.50835	0.705395	499.15	1437.972	57.3951	0.315605	2.074	0.47876983	478.45292	1213.62238	0.28321717	2.11932155	0.34195632	1	1
1751.99	1083.99	0.501011	0.710496	498.8513	1421.244	56.045	0.31283	2.07031	0.47145863	478.173529	1197.13567	0.28047317	2.11558914	0.33909954	8	2
1752.143	1084.143	0.507784	0.720284	499.5077	1417.318	57.2753	0.31491	2.07529	0.47825962	478.849364	1193.45247	0.28258436	2.12052645	0.34124907	1	1
1752.295	1084.295	0.5374	0.722698	500.8205	1422.084	58.6934	0.329429	2.081	0.50790342	480.181471	1198.45961	0.29713436	2.12619404	0.35620087	2	1
1752.448	1084.448	0.535109	0.714214	503.4362	1438.011	61.7	0.326154	2.08797	0.5056404	482.816604	1214.62925	0.29389055	2.13312135	0.35283763	2	1
1752.6	1084.6	0.521911	0.694216	504.7588	1447.735	59.0152	0.319335	2.0862	0.4924702	484.15851	1224.59424	0.28710253	2.13130895	0.34582294	1	1
1752.752	1084.752	0.516359	0.667941	505.0541	1447.489	59.9849	0.31795	2.08059	0.486946	484.473115	1224.58914	0.28574852	2.12565655	0.3444007	1	1
1752.905	1084.905	0.553282	0.698849	504.0466	1437.749	61.907	0.340597	2.07302	0.52389698	483.485046	1215.09156	0.3084267	2.11804387	0.36768805	2	1
1753.057	1085.057	0.5589	0.726155	502.0151	1419.459	62.5524	0.347849	2.0586	0.52954277	481.47285	1197.04231	0.31570968	2.10358147	0.3751271	2	1
1753.21	1085.21	0.572446	0.74457	500.1116	1406.623	62.5776	0.359095	2.04575	0.54311675	479.58878	1184.44857	0.32698686	2.09068879	0.38664128	2	1
1753.362	1085.362	0.573998	0.758777	499.15	1400.85	58.795	0.360037	2.0455	0.54469654	478.646482	1178.91617	0.32795983	2.09039639	0.38760887	2	1
1753.514	1085.514	0.588469	0.763892	498.8513	1404.188	58.1791	0.365476	2.05541	0.55919533	478.367084	1182.4947	0.3334298	2.100264	0.39317074	2	1
1753.667	1085.667	0.549593	0.770295	498.8513	1409.659	55.4528	0.341546	2.06248	0.5203473	478.386512	1188.20772	0.30953097	2.10729133	0.36868442	2	1
1753.819	1085.819	0.5222	0.767504	498.8513	1419.34	55.2769	0.326237	2.0635	0.49298209	478.405812	1198.1291	0.29425294	2.10826894	0.35296437	1	1
1753.972	1085.972	0.533156	0.770098	498.8513	1413.039	57.6516	0.33269	2.06181	0.50396606	478.425238	1192.06997	0.3007371	2.10653627	0.35960276	2	1
1754.124	1086.124	0.528008	0.773594	498.8513	1412.179	60.5608	0.327306	2.07049	0.49884585	478.444537	1191.45019	0.29538406	2.11517389	0.35407309	2	1
1754.276	1086.276	0.499845	0.767505	499.15	1413.863	61.353	0.309929	2.07771	0.47071063	478.762535	1193.37433	0.27803802	2.1223515	0.33617572	1	1
1754.429	1086.429	0.527932	0.756517	499.5668	1421.707	59.2159	0.323742	2.08249	0.4988256	479.19876	1201.45998	0.29188218	2.12708884	0.35041565	1	1
1754.581	1086.581	0.5668	0.751904	500.2823	1431.631	60.9254	0.346744	2.0785	0.53772138	479.933556	1211.62397	0.31491513	2.12305646	0.37404072	2	1
1754.734	1086.734	0.582039	0.756193	499.8064	1429.731	61.7754	0.358231	2.06844	0.55298834	479.477079	1209.96546	0.32643328	2.1129538	0.38580354	2	1
1754.886	1086.886	0.552348	0.754103	499.0319	1416.974	61.017	0.341784	2.067	0.52332512	478.721875	1197.4483	0.31001723	2.11147142	0.36896517	2	1

1755.038	1087.038	0.561339	0.750007	498.1359	1407.401	60.1275	0.345124	2.07311	0.53234389	477.845169	1188.11506	0.31338818	2.11753905	0.37239423	2	1
1755.191	1087.191	0.523023	0.75	497.8963	1403.836	60.0846	0.322008	2.07918	0.49405585	477.62499	1184.79132	0.29030332	2.1235664	0.34865378	1	1
1755.343	1087.343	0.485	0.7540982	498.254	1409.432	62.06078	0.3000578	2.0842	0.45606063	478.001983	1190.62693	0.26838406	2.12854402	0.32601041	4	1
1755.496	1087.496	0.45751	0.755598	499.0876	1421.559	62.2878	0.284861	2.08749	0.42859858	478.855003	1202.99504	0.2532184	2.13179137	0.31027375	4	1
1755.648	1087.648	0.48238	0.74311	500.2232	1438.897	62.5599	0.295144	2.09559	0.45349635	480.009895	1220.57249	0.26353233	2.13984901	0.32093547	4	1
1755.8	1087.8	0.527808	0.72433	500.7024	1446.429	63.5683	0.319493	2.097	0.49895212	480.508386	1228.34388	0.28791227	2.14121664	0.34608231	1	1
1755.953	1087.953	0.537277	0.705515	501.4145	1444.286	62.6045	0.325185	2.0957	0.50844907	481.239903	1226.44175	0.2936354	2.139874	0.35194645	2	1
1756.105	1088.105	0.5162	0.69921	501.6573	1435.451	63.4416	0.315227	2.0895	0.48739984	481.501993	1217.84598	0.28370832	2.13363163	0.34169562	1	1
1756.258	1088.258	0.558033	0.702997	502.1923	1421.188	62.2978	0.339066	2.08821	0.52926079	482.056409	1203.82371	0.30757845	2.13229899	0.36621809	2	1
1756.41	1088.41	0.548516	0.705496	502.9078	1417.555	63.2851	0.33521	2.08261	0.51977155	482.791197	1200.42979	0.30375337	2.12665663	0.36226448	2	1
1756.562	1088.562	0.553477	0.7051	504.342	1422.35	59.5189	0.338242	2.0818	0.52476032	484.244685	1205.46379	0.30681629	2.12580427	0.36538163	2	1
1756.715	1088.715	0.539134	0.700308	505.3528	1438.277	62.4389	0.329286	2.08489	0.51044526	485.274898	1221.63129	0.29789141	2.12885164	0.35618705	2	1
1756.867	1088.867	0.5425	0.699501	506.3111	1446.908	59.7334	0.330552	2.0871	0.51383902	486.252485	1230.50114	0.29918832	2.13101929	0.35749295	2	1
1757.02	1089.02	0.533835	0.696105	507.2005	1450.236	62.0728	0.325891	2.0864	0.50520196	487.161297	1234.06948	0.29455844	2.13027666	0.35270491	1	1
1757.172	1089.172	0.536296	0.6961	507.2071	1448.819	58.1817	0.328209	2.08311	0.50769072	487.187182	1232.89118	0.29690734	2.1269443	0.35509349	1	1
1757.324	1089.324	0.524833	0.6973997	506.3078	1448.819	58.79026	0.322594	2.0806	0.49625547	486.307166	1233.12981	0.29132325	2.12439196	0.34932133	1	1
1757.477	1089.477	0.545434	0.698299	505.7138	1450.601	59.2349	0.333843	2.0813	0.51688441	485.732576	1235.15192	0.30260336	2.12504933	0.36089265	2	1
1757.629	1089.629	0.5473	0.700398	505.4152	1451.802	62.3525	0.335175	2.0803	0.51877816	485.453259	1236.59139	0.30396626	2.12400699	0.36226518	2	1
1757.782	1089.782	0.527679	0.7006	505.0574	1452.632	63.9811	0.32334	2.08339	0.4991851	485.114868	1237.66136	0.29216236	2.12705436	0.35010297	1	1
1757.934	1089.934	0.537592	0.701699	504.2829	1452.278	64.9531	0.327596	2.0878	0.50912585	484.359649	1237.54568	0.29644925	2.13142202	0.35448607	2	1
1758.086	1090.086	0.527716	0.704296	502.7306	1452.038	65.4229	0.322082	2.0878	0.4992776	482.82663	1237.54393	0.29096615	2.13137968	0.34881722	1	1
1758.239	1090.239	0.547752	0.697106	501.8969	1449.659	64.2882	0.33363	2.0867	0.51934153	482.012337	1235.40466	0.30254524	2.13023707	0.36069676	2	1
1758.391	1090.391	0.5461	0.692407	501.9528	1448.937	63.0656	0.3345	2.0803	0.51771727	482.087516	1234.92076	0.30344613	2.12379473	0.36159489	2	1
1758.544	1090.544	0.55855	0.686509	502.9636	1446.915	60.5259	0.341596	2.0801	0.5301952	483.117721	1233.13834	0.31057322	2.12355212	0.36888219	2	1
1758.696	1090.696	0.537534	0.68011	504.3978	1445.953	60.2083	0.329561	2.0808	0.50920694	484.571199	1232.41429	0.2985691	2.12420978	0.35652933	2	1
1758.848	1090.848	0.53031	0.676705	505.1165	1446.193	60.7497	0.324707	2.0837	0.50201069	485.309176	1232.89215	0.29374598	2.12706745	0.35154181	1	1
1759.001	1091.001	0.543369	0.671508	505.1756	1447.263	61.7276	0.330792	2.08799	0.51509761	485.38768	1234.20151	0.29986206	2.13131485	0.35780377	2	1
1759.153	1091.153	0.5624	0.667906	504.9393	1448.815	61.3466	0.341055	2.0901	0.53415635	485.170655	1235.99123	0.31015593	2.13338252	0.36834556	2	1
1759.306	1091.306	0.594472	0.6629021	504.1057	1450.006	60.50621	0.3590403	2.09279	0.56625627	484.356457	1237.42144	0.32817231	2.13602992	0.38676786	1	1
1759.458	1091.458	0.560355	0.660504	503.9842	1449.294	61.0252	0.339444	2.0917	0.532167	484.254232	1236.947	0.30860688	2.13489759	0.36670201	2	1
1759.61	1091.61	0.537205	0.656903	503.2688	1448.458	62.892	0.32721	2.08839	0.50904474	483.558105	1236.3485	0.29640374	2.13154527	0.35413951	2	1
1759.763	1091.763	0.540492	0.664088	503.7446	1446.912	64.0321	0.330639	2.08281	0.51235966	484.053305	1235.04148	0.29986381	2.12592267	0.35766942	2	1
1759.915	1091.915	0.5462	0.673093	504.5782	1442.491	63.2421	0.335123	2.0783	0.51809539	484.906177	1230.85782	0.30437867	2.12137035	0.36228043	2	1
1760.068	1092.068	0.554268	0.682984	505.1756	1433.695	63.3769	0.340592	2.07501	0.5261913	485.522976	1222.30065	0.30987873	2.11803776	0.36789806	2	1
1760.22	1092.22	0.576682	0.690294	505.4152	1422.927	61.2592	0.35364	2.074	0.54863303	485.781847	1211.76984	0.32295759	2.11698544	0.38127134	2	1
1760.372	1092.372	0.5524	0.696191	505.4152	1422.944	61.6918	0.334711	2.09234	0.52437876	485.801117	1212.02396	0.30405945	2.13528313	0.36187105	2	1
1760.525	1092.525	0.552699	0.698297	505.0574	1438.027	60.2877	0.328306	2.11672	0.52470567	485.462713	1227.34556	0.2976855	2.15962054	0.35529404	2	1
1760.677	1092.677	0.5257	0.700097	504.342	1446.787	62.1196	0.309467	2.1287	0.49773439	484.766582	1236.34252	0.27887735	2.17155823	0.33589223	1	1
1760.83	1092.83	0.541238	0.701997	503.1539	1450.354	63.6635	0.322568	2.11336	0.5133003	483.597877	1240.14798	0.2920094	2.15617565	0.34940008	2	1
1760.982	1092.982	0.558772	0.704596	503.0292	1448.582	63.3437	0.339124	2.08954	0.53086202	483.492444	1238.61279	0.30859624	2.13231334	0.36641936	2	1
1761.134	1093.134	0.556075	0.706197	503.9842	1448.819	62.8944	0.342095	2.0733	0.52819274	484.466711	1239.08654	0.31159808	2.11603104	0.36947157	2	1
1761.287	1093.287	0.525174	0.7018045	505.2937	1452.508	60.33995	0.326072	2.06941	0.49731964	485.795603	1243.01376	0.29560612	2.11209846	0.35301943	1	1
1761.439	1093.439	0.5103	0.702499	506.4884	1454.903	58.2884	0.31732	2.0718	0.48247336	487.009569	1245.64535	0.28688496	2.11444616	0.34401354	1	1
1761.592	1093.592	0.527332	0.7023	507.2038	1459.895	57.9196	0.324233	2.07967	0.49953326	487.74436	1250.87543	0.293829	2.12227358	0.35113657	1	1
1761.744	1093.744	0.543574	0.698606	507.3252	1467.302	59.9447	0.332176	2.08349	0.51580298	487.885024	1258.51887	0.30180283	2.12605128	0.35930829	1	1
1761.896	1093.896	0.545217	0.6983	507.0856	1485.113	61.8802	0.332538	2.08549	0.51747369	487.664687	1276.56624	0.30219565	2.12800899	0.35968476	1	1
1762.049	1094.049	0.555874	0.686419	507.2038	1494.979	60.231	0.34063	2.07812	0.52815859	487.802276	1286.67009	0.31031868	2.12059642	0.36799639	2	1
1762.201	1094.201	0.5581	0.672011	507.8011	1500.85	58.8844	0.345068	2.0668	0.5304123	488.418838	1292.77731	0.31478751	2.10923413	0.37255153	1	1
1762.354	1094.354	0.56567	0.666109	508.3952	1499.426	58.6469	0.351608	2.05873	0.53801019	489.032326	1291.59101	0.32135853	2.10112156	0.37925528	1	1
1762.506	1094.506	0.545033	0.668995	508.3984	1497.87	60.6851	0.337712	2.06699	0.5174009	489.054787	1290.27108	0.30749335	2.10933927	0.36501599	1	1
1762.658	1094.658	0.530576	0.676089	507.8011	1496.787	58.317	0.326829	2.07691	0.50297161	488.476746	1289.42407	0.29664116	2.11921699	0.35383922	1	1
1762.811	1094.811	0.515648	0.679095	507.089	1492.869	59.0449	0.317474	2.08089	0.48807149	487.784032	1285.74355	0.28731718	2.12315442	0.34421349	1	1
1762.963	1094.963	0.5044	0.6862822	506.8461	1485.455	56.84506	0.3123661	2.0777	0.4768512	487.56039	1278.5654	0.28224009	2.11992214	0.33895225	1	1
1763.116	1095.116	0.55689	0.687199	506.9675	1470.715	58.3405	0.342381	2.07392	0.52936908	487.701175	1264.06272	0.312286	2.11609958	0.36982419	2	1
1763.268	1095.268	0.575086	0.6758022	507.3252	1463.262	58.12193	0.352806	2.0737	0.54759279	488.078132	1256.84542	0.3227418	2.1158373	0.38050887	1	1
1763.42	1095.42	0.576456	0.667413	507.3252	1459.317	59.0342	0.354055	2.072	0.54899049	488.097388	1253.13604	0.32402161	2.11409503	0.38179162	1	1
1763.573	1095.573	0.522031	0.663703	507.0856	1458.842	58.6867	0.324013	2.0706	0.49459337	487.87717	1252.89814	0.29401061	2.11265247	0.35096967	1	1
1763.725	1095.725	0.5197	0.651519	506.8461	1457.886	58.1516	0.32278	2.0705	0.49229006	487.656925	1252.17762	0.29280841	2.1125102	0.34970526	1	1

1763.878	1095.878	0.509939	0.645005	506.7279	1457.65	61.8531	0.318436	2.06751	0.48255694	487.558106	1252.17857	0.2884954	2.10947765	0.34523668	1	1
1764.03	1096.03	0.50391	0.65718	506.0125	1461.578	62.1192	0.316069	2.0648	0.47655564	486.861959	1256.34189	0.2861592	2.10672538	0.34280224	1	1
1764.182	1096.182	0.543045	0.668691	505.6547	1465.537	62.0354	0.33672	2.06661	0.51571833	486.523412	1260.53615	0.30684098	2.10849311	0.36404794	2	1
1764.335	1096.335	0.571033	0.680381	505.5333	1471.953	60.0445	0.351365	2.07049	0.5437342	486.421391	1267.18887	0.32151697	2.11233057	0.37906566	1	1
1764.487	1096.487	0.579693	0.6804	506.3111	1462.192	59.4817	0.354781	2.0762	0.5524219	487.218442	1257.66298	0.32496376	2.1179983	0.3825663	1	1
1764.64	1096.64	0.538764	0.676706	507.6173	1461.946	60.4982	0.331426	2.0767	0.51152077	488.544019	1257.65355	0.30163974	2.11845576	0.35862447	1	1
1764.792	1096.792	0.547785	0.680793	509.1139	1467.903	58.4731	0.336325	2.0772	0.52056945	490.059869	1263.84551	0.30656952	2.1189135	0.3636607	1	1
1764.944	1096.944	0.5211	0.6789045	508.3952	1486.902	59.92384	0.3237931	2.06969	0.49391214	489.360419	1283.07939	0.2940684	2.11136124	0.35078451	1	1
1765.097	1097.097	0.521299	0.680398	506.554	1497.118	59.8012	0.32668	2.06043	0.49413901	487.538594	1293.53174	0.29698628	2.10205871	0.35375912	1	1
1765.249	1097.249	0.5198	0.6897997	505.1165	1496.436	62.14067	0.3287208	2.0512	0.49266769	486.120342	1293.08448	0.29905785	2.09278645	0.35586222	1	1
1765.402	1097.402	0.579063	0.699484	504.6997	1490.492	62.2298	0.360895	2.05259	0.55195856	485.722916	1287.37668	0.33126302	2.09413392	0.3888456	1	1
1765.554	1097.554	0.581798	0.698001	505.0574	1481.286	61.9616	0.362557	2.0522	0.55472124	486.099862	1278.40527	0.33295579	2.09370167	0.39054848	1	1
1765.706	1097.706	0.550999	0.700995	505.297	1488.681	61.6004	0.342667	2.06131	0.52394992	486.358708	1286.03478	0.31309655	2.10276942	0.37019488	2	1
1765.859	1097.859	0.549404	0.693006	505.297	1493.203	60.8574	0.339859	2.06798	0.52238278	486.37808	1290.79276	0.31031951	2.10939689	0.36731942	2	1
1766.011	1098.011	0.5593	0.694198	505.1756	1493.81	60.1869	0.343329	2.0754	0.53230645	486.275924	1291.63413	0.31382027	2.11677465	0.37088275	1	1
1766.164	1098.164	0.549531	0.705891	505.3561	1486.078	60.5852	0.339861	2.06822	0.52256531	486.475794	1284.13796	0.31038323	2.10955212	0.36733058	2	1
1766.316	1098.316	0.528933	0.717581	506.7837	1463.295	61.1736	0.331047	2.05961	0.50199498	487.922637	1261.58918	0.30159998	2.10089988	0.35828518	1	1
1766.468	1098.468	0.517984	0.711809	509.0581	1447.617	64.4868	0.324146	2.06291	0.49107366	490.21628	1246.14532	0.29472973	2.10415764	0.35119334	1	1
1766.621	1098.621	0.498447	0.704611	510.722	1439.409	63.2392	0.309938	2.07527	0.47156451	491.899548	1238.17293	0.28055269	2.11647512	0.3365572	1	1
1766.773	1098.773	0.4777	0.703602	511.3226	1457.411	62.548	0.294051	2.0912	0.45084518	492.519389	1256.40893	0.26469643	2.13236289	0.32014023	3	1
1766.926	1098.926	0.504493	0.699809	512.153	1474.168	59.80929	0.3095166	2.08722	0.47766603	493.369156	1273.40139	0.28019298	2.12834037	0.33613148	1	1
1767.078	1099.078	0.49212	0.700798	513.9449	1477.096	59.8855	0.305899	2.07752	0.4653207	495.180295	1276.56324	0.27660612	2.11859814	0.33240122	4	1
1767.23	1099.23	0.520791	0.7019949	513.3443	1461.218	60.66519	0.3245414	2.06659	0.49401936	494.598934	1260.91901	0.29527926	2.10762591	0.35162302	1	1
1767.383	1099.383	0.515018	0.696908	509.4847	1453.735	59.2799	0.322495	2.06311	0.48827421	490.758699	1253.67125	0.29326379	2.1041034	0.3495216	1	1
1767.535	1099.535	0.5269	0.688307	507.5025	1455.261	61.4945	0.32974	2.0603	0.50018387	488.795736	1255.43088	0.30053953	2.10125117	0.35697838	1	1
1767.688	1099.688	0.502099	0.692893	507.089	1467.86	62.3369	0.316707	2.0597	0.47541071	488.4016	1268.26497	0.28753746	2.10060866	0.34356956	1	1
1767.84	1099.84	0.513491	0.696397	507.3252	1485.56	63.8658	0.321255	2.0645	0.48683037	488.657036	1286.19845	0.29211619	2.10536644	0.34825877	1	1
1767.992	1099.992	0.512237	0.6965	506.7279	1495.245	60.9552	0.316421	2.07822	0.48560403	488.078971	1296.11686	0.28731291	2.11904422	0.34328394	1	1
1768.145	1100.145	0.535045	0.698998	505.7171	1498.454	59.3816	0.325237	2.09107	0.50843987	487.087532	1299.56073	0.29615984	2.13185172	0.35236608	1	1
1768.297	1100.297	0.5647	0.697103	504.6997	1493.331	60.6489	0.341409	2.0937	0.53812253	486.089366	1294.67099	0.31236256	2.1344395	0.36898215	1	1
1768.45	1100.45	0.583027	0.694704	503.3902	1484.06	62.5098	0.353463	2.08842	0.55647736	484.799226	1285.63471	0.32444748	2.129117	0.38133574	1	1
1768.602	1100.602	0.566127	0.697695	502.7896	1466.508	62.5714	0.347014	2.07612	0.53960502	484.217858	1268.31583	0.31802919	2.11677479	0.37473681	2	1
1768.754	1100.754	0.533977	0.706885	503.0292	1457.049	61.2015	0.329933	2.0727	0.50748267	484.47669	1259.08987	0.3009789	2.11331257	0.35721321	1	1
1768.907	1100.907	0.505768	0.7146807	503.981	1452.409	60.67632	0.3141456	2.0743	0.4793015	485.447848	1254.68437	0.28522242	2.11487008	0.34096589	1	1
1769.059	1101.059	0.5105	0.717595	503.9842	1452.635	61.666	0.314376	2.0819	0.48406115	485.470279	1255.14327	0.28548352	2.12242787	0.34120799	1	1
1769.212	1101.212	0.532711	0.7155998	502.9734	1453.229	60.80199	0.3254137	2.08588	0.50629998	484.478835	1255.97162	0.29655213	2.12636538	0.35257978	1	1
1769.364	1101.364	0.533998	0.712904	502.3137	1453.115	60.7938	0.326355	2.0851	0.50761463	483.838364	1256.09037	0.29752413	2.12554318	0.35355259	1	1
1769.516	1101.516	0.480562	0.710102	502.4319	1453.354	60.4989	0.298693	2.08121	0.45420627	483.975792	1256.56204	0.26989283	2.12161097	0.32502665	2	1
1769.669	1101.669	0.456558	0.708103	503.0259	1453.827	61.9952	0.285167	2.08509	0.4302301	484.589147	1257.26918	0.25639773	2.12544849	0.31102029	2	1
1769.821	1101.821	0.4809	0.705302	504.401	1453.59	61.1919	0.295947	2.0905	0.45459974	485.983474	1257.26471	0.26720843	2.13081629	0.32219469	2	1
1769.974	1101.974	0.488669	0.702704	505.0541	1452.284	62.1054	0.29843	2.09578	0.46239656	486.655926	1256.19269	0.26972232	2.13605381	0.32476839	3	1
1770.126	1102.126	0.506885	0.691309	505.0574	1450.371	61.3159	0.308531	2.0949	0.4806402	486.678452	1254.51208	0.27985401	2.13513161	0.33521029	1	1
1770.278	1102.278	0.546476	0.684411	504.6964	1448.458	60.7932	0.330572	2.09509	0.52025884	486.336677	1252.83139	0.3019257	2.13527942	0.35791548	2	1
1770.431	1102.431	0.531249	0.67831	503.9842	1446.793	60.4622	0.323441	2.08992	0.50505966	485.643828	1251.40015	0.29482558	2.13006694	0.35058648	1	1
1770.583	1102.583	0.5488	0.673707	504.6997	1445.714	62.4058	0.333445	2.0895	0.52263829	486.378551	1250.55332	0.30486026	2.12960475	0.36087636	2	1
1770.736	1102.736	0.569517	0.66761	505.0541	1446.19	64.3753	0.344788	2.09149	0.54338311	486.7523	1251.26294	0.31623415	2.13155228	0.37251927	2	1
1770.888	1102.888	0.5702	0.663803	505.4152	1446.669	62.6026	0.344144	2.0954	0.54409374	487.132623	1251.97395	0.31562082	2.13542009	0.37186369	2	1
1771.04	1103.04	0.54648	0.6641	504.7588	1447.384	61.4513	0.332466	2.08829	0.52040137	486.495444	1252.9209	0.3039735	2.12826791	0.35988434	2	1
1771.193	1103.193	0.52166	0.6698992	503.4493	1446.908	62.11506	0.3217593	2.07753	0.49560918	485.205291	1252.6783	0.29329767	2.11746544	0.3488783	1	1
1771.345	1103.345	0.5382	0.675191	501.0601	1446.429	62.4369	0.332065	2.0734	0.51217681	482.835311	1252.4311	0.30363404	2.11329326	0.35948146	2	1
1771.498	1103.498	0.531726	0.678897	500.6432	1446.193	63.8988	0.326745	2.07938	0.50573062	482.437757	1252.42835	0.29834491	2.1192308	0.35401747	2	1
1771.65	1103.65	0.552367	0.688584	501.7722	1446.311	62.2264	0.336696	2.08509	0.52639924	483.585976	1252.77801	0.30832657	2.12489862	0.36424635	2	1
1771.802	1103.802	0.539532	0.690299	503.5642	1448.221	63.2939	0.329623	2.08449	0.51359187	485.397194	1254.91959	0.30128423	2.12425644	0.35698561	2	1
1771.955	1103.955	0.559652	0.693195	503.7446	1449.291	61.1234	0.342055	2.08071	0.53373967	485.596937	1256.22263	0.31374709	2.12043399	0.36975366	2	1
1772.107	1104.107	0.5543	0.694599	502.4909	1449.534	62.6426	0.338933	2.081	0.52841529	484.362454	1256.69706	0.31065575	2.12068181	0.36655575	2	1
1772.26	1104.26	0.547826	0.701589	501.362	1447.276	61.4487	0.333179	2.08847	0.52196909	483.252896	1254.67195	0.3049326	2.12810936	0.36065315	2	1
1772.412	1104.412	0.544206	0.712982	501.3587	1441.427	60.5844	0.328921	2.09639	0.51837671	483.268812	1249.05424	0.30070525	2.13598719	0.35628219	1	1
1772.564	1104.564	0.560952	0.718192	501.7164	1432.681	60.357	0.338087	2.098	0.53515033	483.645726	1240.53946	0.3099019	2.13755502	0.36570125	2	1

1772.717	1104.717	0.530896	0.708615	501.9528	1417.479	63.0585	0.32179	2.09501	0.50512213	483.901466	1225.57013	0.29363575	2.13452257	0.34895545	2	1
1772.869	1104.869	0.5556	0.705003	501.0601	1414.687	65.9089	0.337292	2.0896	0.52985374	483.027979	1223.00921	0.30916839	2.12907041	0.36489442	2	1
1773.022	1105.022	0.555799	0.708994	499.872	1419.797	63.7517	0.337789	2.08821	0.53008053	481.859218	1228.35173	0.30969624	2.12763797	0.36540906	2	1
1773.174	1105.174	0.570788	0.7094967	498.4936	1435.32	65.48512	0.346745	2.0869	0.54509715	480.50003	1244.10566	0.31868287	2.1262858	0.37459727	2	1
1773.326	1105.326	0.547597	0.705407	497.8963	1442.967	63.6301	0.332931	2.08889	0.52193376	479.921941	1251.98352	0.30489951	2.12823364	0.36043018	2	1
1773.479	1105.479	0.544208	0.7049	498.4312	1441.303	64.5144	0.333488	2.08012	0.51857255	480.476178	1250.55182	0.30548734	2.11942121	0.36100687	2	1
1773.631	1105.631	0.515	0.71099	499.8654	1432.708	62.4712	0.319788	2.072	0.48939215	481.929587	1242.18754	0.29181797	2.11125905	0.34692141	1	1
1773.784	1105.784	0.508825	0.718194	502.4221	1416.065	62.7001	0.317443	2.06881	0.48324494	484.505623	1225.7767	0.2895038	2.10802662	0.34451043	1	1
1773.936	1105.936	0.494024	0.727086	502.5501	1406.941	62.111	0.305182	2.08308	0.46847155	484.652831	1216.88327	0.27727343	2.12225446	0.33186646	1	1
1774.088	1106.088	0.518403	0.741177	500.9977	1400.479	57.9579	0.315941	2.0912	0.49287815	483.119638	1210.65176	0.28806305	2.13033231	0.34297173	1	1
1774.241	1106.241	0.52269	0.760668	498.5002	1394.65	57.0662	0.318223	2.0915	0.49719293	480.641472	1205.0547	0.29037587	2.13058988	0.34532767	1	1
1774.393	1106.393	0.5293	0.772681	497.0627	1385.924	58.2145	0.324408	2.0828	0.50383053	479.223178	1196.55906	0.29659149	2.12184774	0.35169986	1	1
1774.546	1106.546	0.514061	0.763415	496.8231	1370.945	59.906	0.31726	2.07872	0.48861931	479.002909	1181.81185	0.28947431	2.11772531	0.34434464	1	1
1774.698	1106.698	0.510306	0.750521	497.7158	1368.027	59.1973	0.315776	2.0769	0.48489191	479.914814	1179.12406	0.28802092	2.11586317	0.3428199	1	1
1774.85	1106.85	0.492741	0.742806	498.0768	1372.704	57.7525	0.305888	2.0786	0.46735451	480.295018	1184.0312	0.27816353	2.11752102	0.33262301	1	1
1775.003	1107.003	0.518617	0.743798	498.3131	1389.212	59.8709	0.318914	2.08149	0.49325828	480.550648	1200.77078	0.29122034	2.12036861	0.34606222	1	1
1775.155	1107.155	0.527	0.7467983	497.3613	1396.902	62.58985	0.322362	2.0855	0.50166888	479.618051	1208.69077	0.29469894	2.12433647	0.34961703	2	1
1775.308	1107.308	0.551801	0.747199	495.2215	1401.539	64.6505	0.33604	2.0863	0.52649765	477.497579	1213.5592	0.30840775	2.12509405	0.36368186	2	1
1775.46	1107.46	0.520325	0.749498	492.468	1401.559	60.9706	0.316828	2.0918	0.49504924	474.76328	1213.80905	0.28922635	2.13055192	0.34392681	1	1
1775.612	1107.612	0.51958	0.754692	490.5579	1402.511	58.2199	0.315224	2.0959	0.49433183	472.872381	1214.99083	0.28765294	2.13460978	0.34227825	1	1
1775.765	1107.765	0.495059	0.753001	489.7834	1402.274	55.3201	0.301668	2.0964	0.4698386	472.117207	1214.98505	0.27412774	2.13506737	0.32829031	8	2
1775.917	1107.917	0.5012	0.74661	489.662	1402.035	57.7493	0.306279	2.0921	0.47600719	472.015006	1214.97568	0.27876933	2.13072524	0.33305872	1	1
1776.07	1108.07	0.508172	0.740809	490.85	1402.747	61.2426	0.310213	2.0916	0.48300695	473.222331	1215.91875	0.28273412	2.13018284	0.33712412	1	1
1776.222	1108.222	0.542245	0.75308	492.107	1402.514	62.1318	0.327806	2.09639	0.51710754	474.498529	1215.91524	0.30035771	2.13493071	0.35524941	2	1
1776.374	1108.374	0.563473	0.760488	493.2425	1397.969	61.0166	0.338293	2.1027	0.53836312	475.653226	1211.59966	0.3108753	2.14119858	0.36602599	2	1
1776.527	1108.527	0.53028	0.769286	493.7184	1387.739	60.6519	0.319521	2.1018	0.50519788	476.148449	1201.60052	0.29213408	2.14025618	0.34673287	1	1
1776.679	1108.679	0.5226	0.7692	493.2425	1367.903	62.4032	0.315323	2.1014	0.49754546	475.691745	1181.99379	0.28796666	2.13981406	0.34241215	1	1
1776.832	1108.832	0.50507	0.7694	492.4089	1356.255	62.1152	0.306794	2.09742	0.48004322	474.877466	1170.5765	0.27946844	2.13579167	0.33361787	1	1
1776.984	1108.984	0.498411	0.779384	491.572	1352.156	59.9281	0.305254	2.09051	0.4734118	474.05976	1166.70664	0.27795901	2.12883955	0.33203205	1	1
1777.136	1109.136	0.48145	0.7919993	490.7943	1353.216	59.85075	0.2991424	2.08129	0.45647838	473.301254	1167.9957	0.27187798	2.11957743	0.32572008	4	1
1777.289	1109.289	0.512426	0.803681	489.4257	1348.461	59.7953	0.317068	2.07641	0.48748213	471.951973	1163.47119	0.28983435	2.11465504	0.34422868	1	1
1777.441	1109.441	0.5182	0.817888	487.2169	1336.518	60.0909	0.319426	2.079	0.4932837	469.762365	1151.75711	0.29222292	2.11720293	0.34666228	2	1
1777.594	1109.594	0.522881	0.82429	485.9664	1323.797	59.0781	0.319472	2.08757	0.49799246	468.531183	1139.26646	0.29229968	2.12573054	0.34671422	2	1
1777.746	1109.746	0.51001	0.820603	487.8701	1329.472	59.3487	0.309772	2.09649	0.48514903	470.454074	1145.17023	0.28263025	2.13460843	0.33671914	4	1
1777.898	1109.898	0.518021	0.787053	492.235	1354.703	62.3165	0.312193	2.1034	0.49318759	474.838164	1170.62994	0.2850818	2.14147632	0.33922129	1	1
1778.051	1110.051	0.531158	0.759943	496.9281	1383.443	62.3419	0.318703	2.10649	0.50635234	479.55058	1199.60007	0.29162256	2.14452394	0.3459358	2	1
1778.203	1110.203	0.5171	0.733542	500.0459	1399.885	64.048	0.312113	2.1019	0.49232191	482.687569	1216.27063	0.28506312	2.13989184	0.33914788	1	1
1778.356	1110.356	0.516004	0.729706	501.3521	1404.047	61.6878	0.313296	2.09572	0.49125366	484.013083	1220.66263	0.28627687	2.13366946	0.34037245	1	1
1778.508	1110.508	0.547649	0.722911	501.595	1402.396	62.7711	0.33315	2.08821	0.52292622	484.275171	1219.24004	0.30616142	2.12611736	0.36080933	2	1
1778.66	1110.66	0.570079	0.720404	499.5635	1398.566	61.1863	0.345806	2.08891	0.54538378	482.262857	1215.63839	0.31884796	2.12677526	0.37379796	2	1
1778.813	1110.813	0.543763	0.729693	495.402	1388.694	58.8087	0.32765	2.10007	0.51909552	478.120669	1205.99617	0.30072271	2.13789289	0.35516612	2	1
1778.965	1110.965	0.5024	0.750866	489.3633	1368.618	56.1085	0.299616	2.1169	0.47776008	472.101155	1186.14837	0.27271925	2.15468079	0.32626457	8	2
1779.118	1111.118	0.51485	0.7870874	484.9065	1345.917	55.52381	0.3027019	2.13074	0.49023782	467.663666	1163.677	0.27583589	2.16847842	0.32945917	8	2
1779.27	1111.27	0.521789	0.809164	484.1123	1321.398	57.283	0.307578	2.12741	0.49720438	466.88865	1139.38607	0.28074252	2.16510633	0.33450014	4	1
1779.422	1111.422	0.523206	0.798409	486.6853	1315.642	57.104	0.313204	2.11007	0.49864893	469.480833	1133.85806	0.28639906	2.14772424	0.34030937	4	1
1779.575	1111.575	0.527091	0.786918	490.6662	1322.537	59.2459	0.320999	2.09035	0.50256167	473.481042	1140.98248	0.29422479	2.12796187	0.34834561	2	1
1779.727	1111.727	0.5147	0.780905	493.062	1341.29	59.6166	0.317193	2.0801	0.49019822	475.896023	1159.96332	0.29044932	2.11766979	0.34443014	1	1
1779.88	1111.88	0.508326	0.789886	493.4789	1352.343	62.1215	0.313262	2.08169	0.48385195	476.332231	1171.2456	0.28654904	2.11921743	0.34038283	1	1
1780.032	1112.032	0.500812	0.80198	492.0512	1362.038	63.6193	0.306586	2.09039	0.4763655	474.923711	1181.16831	0.27990357	2.12787535	0.33349869	1	1
1780.184	1112.184	0.531028	0.811585	491.2733	1369.951	65.3183	0.321954	2.09469	0.50660905	474.164991	1189.30894	0.29530209	2.13213326	0.34934687	2	1
1780.337	1112.337	0.548544	0.816792	491.9856	1382.422	64.3898	0.333239	2.08972	0.52415277	474.896596	1202.009	0.30661781	2.12712091	0.36095506	2	1
1780.489	1112.489	0.5649	0.803921	494.017	1388.31	61.9672	0.347316	2.0725	0.54053632	476.947175	1208.1245	0.32072532	2.10985883	0.37539925	2	1
1780.642	1112.642	0.568187	0.787226	496.3965	1392.708	60.0508	0.352795	2.05955	0.54385104	479.345978	1212.75142	0.32623504	2.09686648	0.38101383	2	1
1780.794	1112.794	0.589283	0.767615	497.7158	1410.135	59.9434	0.366025	2.0551	0.56497459	480.684455	1230.40577	0.33949555	2.09237441	0.3945422	1	1
1780.946	1112.946	0.581684	0.748131	497.8963	1426.981	63.493	0.359976	2.0613	0.55740313	480.884132	1247.47905	0.33347705	2.09853233	0.38836723	1	1
1781.099	1113.099	0.561548	0.7353044	497.7781	1431.857	65.82299	0.3468908	2.06719	0.53729485	480.785234	1252.58376	0.32042256	2.10437999	0.3749817	2	1
1781.251	1113.251	0.5363	0.728311	497.8963	1421.011	67.1858	0.332852	2.0671	0.51207439	480.922608	1241.9649	0.30641426	2.10424792	0.36058467	2	1
1781.404	1113.404	0.559308	0.725302	498.4903	1416.968	63.0927	0.347669	2.06003	0.5351101	481.535909	1238.15046	0.32126196	2.09713558	0.37578793	2	1

1781.556	1113.556	0.57198	0.725899	499.5668	1423.745	61.5042	0.357255	2.05131	0.54780964	482.631582	1245.15446	0.33087846	2.08837351	0.38560343	1	1
1781.708	1113.708	0.560731	0.726899	500.2823	1442.622	62.0869	0.350295	2.05363	0.53658817	483.366255	1264.25838	0.32394896	2.09065145	0.37848625	1	1
1781.861	1113.861	0.517903	0.727599	500.1641	1449.038	64.9365	0.321819	2.07046	0.49378789	483.267353	1270.90273	0.29550365	2.10743911	0.34925778	1	1
1782.013	1114.013	0.5323	0.734888	499.8064	1443.804	66.4752	0.324233	2.0892	0.50821242	482.928825	1265.89552	0.29794814	2.12613705	0.35174663	2	1
1782.166	1114.166	0.538973	0.7411849	499.2124	1422.767	65.06783	0.3244298	2.10185	0.51491313	482.354122	1245.08673	0.29817563	2.13874472	0.35195366	2	1
1782.318	1114.318	0.527019	0.750785	498.9728	1404.45	62.7056	0.317828	2.1013	0.50298666	482.133692	1226.99637	0.29160431	2.13815266	0.34516148	1	1
1782.47	1114.47	0.513555	0.758787	498.8513	1391.638	59.1856	0.312308	2.09449	0.48955019	482.031361	1214.41095	0.2861148	2.13130061	0.33947617	1	1
1782.623	1114.623	0.548089	0.76479	499.15	1382.967	60.902	0.333759	2.08692	0.52411189	482.349356	1205.96794	0.30759648	2.12368828	0.36155694	2	1
1782.775	1114.775	0.5758	0.7643	500.105	1391.651	61.7879	0.351105	2.0815	0.55185042	483.323524	1214.87838	0.32497295	2.11822623	0.37934705	2	1
1782.928	1114.928	0.567234	0.75152	502.0052	1399.38	64.1419	0.345982	2.0822	0.54331212	485.243017	1222.83523	0.31988063	2.1188839	0.37410466	2	1
1783.08	1115.08	0.528531	0.7438041	504.04	1405.73	64.18105	0.3245301	2.0809	0.50463664	487.296984	1229.41152	0.2984592	2.11754185	0.35208399	2	1
1783.232	1115.232	0.518409	0.741404	505.0574	1407.525	63.2525	0.318413	2.0828	0.49454216	488.33355	1231.43275	0.29237257	2.11939981	0.34579128	1	1
1783.385	1115.385	0.529473	0.738602	505.0574	1407.286	61.7547	0.32491	2.0814	0.50563386	488.352841	1231.42139	0.29890024	2.11795749	0.35248388	2	1
1783.537	1115.537	0.5152	0.736204	504.0433	1408.717	59.3274	0.317226	2.0809	0.49138838	487.357906	1233.07847	0.2912467	2.11741545	0.3445775	1	1
1783.69	1115.69	0.528059	0.744294	501.7821	1408.956	59.4585	0.324566	2.0799	0.50427508	485.115996	1233.54497	0.29861736	2.11637313	0.35213903	1	1
1783.842	1115.842	0.530796	0.751988	499.2747	1404.549	59.5726	0.325817	2.0808	0.50703959	482.627759	1229.36391	0.29989882	2.11723109	0.35343044	2	1
1783.994	1115.994	0.539512	0.757391	497.1185	1396.656	59.269	0.330523	2.0813	0.51578311	480.490721	1221.69678	0.30463528	2.11768906	0.35827317	2	1
1784.147	1116.147	0.554165	0.7580984	495.8713	1385.353	59.95995	0.3396857	2.07801	0.5304638	479.262809	1210.62107	0.31382864	2.11435675	0.36768539	2	1
1784.299	1116.299	0.5365	0.762293	495.5104	1391.651	60.1867	0.331182	2.0732	0.51282631	478.92107	1217.1448	0.30535539	2.10950471	0.35895938	2	1
1784.452	1116.452	0.513193	0.770087	495.8648	1398.782	60.5718	0.319205	2.07071	0.489547	479.294756	1224.50295	0.29340904	2.10697241	0.34664327	1	1
1784.604	1116.604	0.491535	0.77609	497.4762	1410.371	60.9011	0.306754	2.0738	0.46791651	480.925316	1236.31754	0.28098848	2.11002038	0.33380842	1	1
1784.756	1116.756	0.543422	0.769305	499.9869	1415.166	66.0251	0.33254	2.08191	0.51983102	483.455175	1241.33806	0.30680493	2.11808835	0.36036807	2	1
1784.909	1116.909	0.557156	0.761812	502.0085	1417.542	66.97	0.339092	2.08629	0.5335927	485.496059	1243.94099	0.31338757	2.12242605	0.36709885	2	1
1785.061	1117.061	0.5544	0.7565005	497.1217	1394.516	70.44699	0.3368592	2.0886	0.5308642	480.628417	1221.14037	0.31118521	2.12469402	0.3648121	2	1
1785.214	1117.214	0.510874	0.752207	483.0948	1348.516	67.5657	0.308389	2.10284	0.48736589	466.6208	1175.36717	0.28274565	2.13889172	0.33551443	1	1
1785.366	1117.366	0.451647	0.7524	459.9639	1273.686	66.9843	0.269123	2.12718	0.42816639	443.509056	1100.76241	0.24351008	2.1631897	0.294819	6	1
1785.518	1117.518	0.429016	0.847139	442.3302	1177.558	63.6025	0.255548	2.13317	0.40556289	425.894511	1004.85958	0.22996551	2.16913768	0.28066747	4	1
1785.671	1117.671	0.438876	0.986779	434.1286	1105.763	64.005	0.266155	2.11594	0.41545057	417.712192	933.291162	0.24060314	2.15186539	0.29173706	4	1
1785.823	1117.823	0.4927	0.986401	437.2694	1084.585	65.7808	0.298826	2.1016	0.46930206	420.872146	912.338193	0.27330457	2.13748338	0.32565232	6	1
1785.976	1117.976	0.463716	0.941371	446.9577	1110.617	66.7515	0.280124	2.11226	0.44034574	430.579726	938.596635	0.25463319	2.14810109	0.30627583	6	1
1786.128	1118.128	0.474682	0.8925141	459.209	1162.668	67.88269	0.2806426	2.12967	0.45133924	442.850179	990.872527	0.25518221	2.16546907	0.30681889	6	1
1786.28	1118.28	0.486707	0.853361	471.1126	1219.485	68.0956	0.286082	2.13359	0.46339173	454.772931	1047.91435	0.26065203	2.16934707	0.3124679	6	1
1786.433	1118.433	0.495778	0.8230023	480.5087	1276.469	71.20621	0.2957799	2.11754	0.4724904	464.188308	1105.12458	0.27038055	2.15325478	0.32251918	1	1
1786.585	1118.585	0.5122	0.796442	486.2619	1312.645	72.0989	0.308178	2.1061	0.48893989	469.960659	1141.52526	0.28280906	2.14177277	0.33533741	2	1
1786.738	1118.738	0.526941	0.774118	488.638	1340.699	73.7658	0.317609	2.10192	0.50370856	472.356035	1169.80535	0.29227067	2.13755049	0.34506715	2	1
1786.89	1118.89	0.545969	0.761919	489.0647	1356.183	73.7113	0.326991	2.10709	0.52276405	472.801884	1185.5139	0.30168308	2.14267849	0.35472816	2	1
1787.042	1119.042	0.498672	0.754006	489.4257	1369.478	73.3813	0.301589	2.10319	0.47549453	473.182032	1199.03337	0.27631149	2.13873649	0.32854529	1	1
1787.195	1119.195	0.481441	0.746612	490.256	1385.287	77.3263	0.293529	2.09921	0.4582912	474.031606	1215.06825	0.26828209	2.13471421	0.32021192	1	1
1787.347	1119.347	0.4658	0.739106	492.107	1394.398	77.2497	0.286345	2.096	0.44267768	475.901753	1224.40359	0.26112849	2.13146222	0.3127725	1	1
1787.5	1119.5	0.494883	0.731712	493.8924	1406.879	75.4011	0.300822	2.09889	0.47178834	477.706426	1237.11033	0.27563609	2.13430995	0.32776609	1	1
1787.652	1119.652	0.492302	0.727603	496.5212	1424.696	73.6901	0.299488	2.0987	0.46923482	480.354372	1255.15152	0.27433249	2.13407795	0.32639138	1	1
1787.804	1119.804	0.515738	0.72111	497.4795	1449.324	73.0102	0.311328	2.102	0.4926983	481.331817	1280.00365	0.28620288	2.13733596	0.33862394	1	1
1787.957	1119.957	0.539225	0.715509	498.1325	1467.256	73.5659	0.325002	2.10031	0.51621296	482.004087	1298.16118	0.29990747	2.13560369	0.35271405	13	1
1788.109	1120.109	0.5563	0.7116092	498.4936	1463.617	70.89375	0.3363979	2.0943	0.53331544	482.384331	1294.74617	0.31133376	2.1295517	0.36442871	1	1
1788.262	1120.262	0.579407	0.700018	499.1467	1458.979	69.4182	0.351483	2.08793	0.55645009	483.0567	1290.33356	0.32644945	2.12313944	0.37989585	6	1
1788.414	1120.414	0.596087	0.686702	500.64	1460.512	69.02051	0.3627762	2.082	0.57315757	484.569142	1292.09041	0.33777303	2.11716746	0.39144857	1	1
1788.566	1120.566	0.561871	0.675518	503.748	1475.934	67.9098	0.344374	2.07689	0.53896904	487.696284	1307.73619	0.31940121	2.11201547	0.37262325	1	1
1788.719	1120.719	0.525687	0.664109	507.7322	1508.172	68.9912	0.326415	2.06922	0.50281269	491.699751	1340.19937	0.30147279	2.10430322	0.35418996	13	1
1788.871	1120.871	0.5246	0.648525	511.2635	1548.825	70.9369	0.326605	2.0666	0.50175316	495.250191	1381.07601	0.30169316	2.10164124	0.35438985	13	1
1789.024	1121.024	0.504381	0.640406	514.0565	1589.833	72.5001	0.315947	2.066	0.48156181	498.062456	1422.30905	0.29106574	2.10099898	0.34342244	13	1
1789.176	1121.176	0.51678	0.641898	515.7368	1624.312	75.577	0.323198	2.0639	0.49398827	499.761895	1457.01155	0.29834711	2.09885701	0.35089402	13	1
1789.328	1121.328	0.491624	0.642	517.4697	1642.031	74.3054	0.312023	2.05729	0.46885974	501.513934	1474.95399	0.28720247	2.09220503	0.33938601	13	1
1789.481	1121.481	0.506764	0.638206	518.1818	1642.271	76.8987	0.321092	2.05351	0.48402738	502.245297	1475.41882	0.29630204	2.08838278	0.3487354	13	1
1789.633	1121.633	0.5012	0.622612	518.0045	1632.484	73.8259	0.317557	2.0555	0.47849085	502.087134	1465.85512	0.2927974	2.09033081	0.34509939	13	1
1789.786	1121.786	0.512256	0.620104	516.8165	1611.565	70.7663	0.320667	2.06427	0.48957449	500.918396	1445.16081	0.29593796	2.09905857	0.34830688	13	1
1789.938	1121.938	0.49383	0.633878	513.7742	1595.871	65.8974	0.308087	2.07339	0.47117595	497.895231	1429.68997	0.28338832	2.1081366	0.33534306	1	1
1790.09	1122.09	0.498153	0.6499609	510.8993	1577.89	62.04758	0.3102053	2.0739	0.47552641	495.039466	1411.93206	0.28553698	2.10860463	0.33753357	1	1
1790.243	1122.243	0.468595	0.659185	507.276	1543.686	62.2114	0.295614	2.07171	0.44599604	491.435426	1377.95254	0.27097623	2.10637239	0.32246093	2	1

1790.395	1122.395	0.4912	0.6683988	505.3561	1503.955	62.91512	0.3076852	2.0703	0.4686285	489.534659	1338.44449	0.28307778	2.10492043	0.33494187	6	1
1790.548	1122.548	0.513311	0.675688	503.9875	1470.791	65.0553	0.317947	2.07508	0.49076713	488.185318	1305.50484	0.29337013	2.10965819	0.34552825	1	1
1790.7	1122.7	0.541577	0.685792	503.8628	1456.587	64.8755	0.332535	2.0783	0.51906059	488.07975	1291.52365	0.30798847	2.11283624	0.36053867	2	1
1790.852	1122.852	0.556497	0.685101	504.342	1454.309	63.1679	0.340569	2.0796	0.53400804	488.578081	1289.4684	0.31605281	2.11409428	0.3687894	2	1
1791.005	1123.005	0.552909	0.686699	504.342	1455.14	61.7057	0.338062	2.0813	0.53044767	488.597337	1290.52353	0.31357635	2.11575205	0.36622202	2	1
1791.157	1123.157	0.5348	0.689495	504.342	1456.456	60.7499	0.327722	2.0819	0.51236612	488.616467	1292.06214	0.30326669	2.11631009	0.35560598	1	1
1791.31	1123.31	0.546653	0.690899	504.342	1457.644	56.5819	0.336137	2.07562	0.52424675	488.635722	1293.47414	0.31171223	2.10998787	0.36425536	1	1
1791.462	1123.462	0.55888	0.686307	504.5782	1456.577	55.2067	0.345644	2.06631	0.53650119	488.891051	1292.62961	0.32124956	2.10063592	0.37401007	1	1
1791.614	1123.614	0.589982	0.680809	505.0574	1449.045	57.5834	0.364359	2.0627	0.56763064	489.389378	1285.32001	0.33999489	2.09698397	0.39315923	1	1
1791.767	1123.767	0.567654	0.670916	504.9393	1435.96	61.3203	0.350523	2.06659	0.54533026	489.290531	1272.4588	0.32618942	2.10083175	0.37901624	1	1
1791.919	1123.919	0.5479	0.668604	504.2829	1421.487	61.8245	0.337613	2.0729	0.5256037	488.653258	1258.20806	0.31330974	2.1070998	0.36578821	2	1
1792.072	1124.072	0.518916	0.6789746	502.8553	1421.726	58.2073	0.3219765	2.0718	0.49664732	487.244909	1258.67072	0.29770376	2.10595758	0.34972253	1	1
1792.224	1124.224	0.525389	0.688784	502.1332	1440.076	56.3012	0.326525	2.06831	0.50314776	486.541934	1277.24284	0.30228258	2.10242564	0.35440667	2	1
1792.376	1124.376	0.529738	0.694295	502.1332	1456.708	56.19197	0.3305064	2.06291	0.5075242	486.561059	1294.0969	0.3062943	2.0969837	0.35850396	1	1
1792.529	1124.529	0.553225	0.693102	502.3696	1465.139	57.9001	0.341033	2.07137	0.53103882	486.816708	1302.75135	0.31685141	2.10540149	0.36931467	1	1
1792.681	1124.681	0.5538	0.6928	501.9528	1446.908	59.0818	0.338454	2.0817	0.53164125	486.419031	1284.74227	0.31430273	2.11568956	0.36667362	1	1
1792.834	1124.834	0.518143	0.691203	501.0042	1426.462	58.8336	0.314184	2.09674	0.49601186	485.489679	1264.51958	0.29006324	2.13068735	0.34171812	1	1
1792.986	1124.986	0.516901	0.689401	498.7332	1421.848	58.2018	0.313131	2.098	0.4947973	483.237801	1260.12736	0.28904054	2.13190541	0.34063698	1	1
1793.138	1125.138	0.515526	0.685307	498.1949	1435.471	57.6403	0.310863	2.1032	0.49344973	482.718622	1273.97207	0.28680285	2.13706348	0.3383024	1	1
1793.291	1125.291	0.531861	0.680204	498.5527	1447.476	58.4556	0.320161	2.1027	0.50981234	483.095668	1286.20018	0.29613135	2.13652128	0.34788954	1	1
1793.443	1125.443	0.4761	0.687788	500.4627	1453.708	60.5709	0.289869	2.1019	0.45407877	485.024787	1292.65375	0.26586965	2.13567935	0.31660701	2	1
1793.596	1125.596	0.412654	0.685603	502.4844	1457.512	63.4672	0.260121	2.09612	0.39066037	487.065732	1296.68072	0.23615214	2.12985715	0.28568376	2	1
1793.748	1125.748	0.494668	0.689194	504.04	1467.539	64.7018	0.301306	2.0969	0.4727018	488.64045	1306.92916	0.27736744	2.13059523	0.32845198	1	1
1793.9	1125.9	0.512745	0.688701	504.6997	1484.627	65.0851	0.309814	2.1015	0.49080622	489.319267	1324.23853	0.28590573	2.13515331	0.33724271	4	1
1794.053	1126.053	0.568765	0.6892985	505.4742	1494.024	62.95911	0.3423	2.09911	0.54685382	490.11301	1333.85829	0.31842222	2.13272111	0.37065873	1	1
1794.205	1126.205	0.5692	0.689799	506.8461	1494.526	63.3095	0.345488	2.0882	0.54731625	491.504026	1334.58153	0.32164051	2.12176919	0.37393089	1	1
1794.358	1126.358	0.591511	0.6902983	507.5616	1490.364	63.59463	0.3599334	2.08262	0.56965485	492.238767	1330.64215	0.33611639	2.116147	0.38871824	1	1
1794.51	1126.51	0.566241	0.688203	507.5648	1482.96	63.755	0.342975	2.09119	0.54441226	492.261082	1323.45925	0.31918827	2.12467509	0.37136419	1	1
1794.662	1126.662	0.54828	0.6888	506.9052	1489.879	62.945	0.330333	2.0997	0.52647868	491.620596	1330.59928	0.30657655	2.13314317	0.35839316	1	1
1794.815	1126.815	0.53583	0.688101	506.4916	1494.276	61.4535	0.322939	2.1008	0.51405628	491.226235	1335.21869	0.29921303	2.13420099	0.35079412	1	1
1794.967	1126.967	0.522	0.687301	506.0125	1499.656	64.8377	0.319385	2.0862	0.50025369	490.766247	1340.81959	0.2956893	2.11955908	0.34713997	1	1
1795.12	1127.12	0.545605	0.690794	505.8943	1501.795	64.4305	0.334865	2.07803	0.52388628	490.667285	1343.18087	0.31119977	2.1113469	0.36306175	4	1
1795.272	1127.272	0.530312	0.699793	505.5333	1502.045	66.6406	0.326715	2.0768	0.5086207	490.325396	1343.65163	0.30308004	2.11007499	0.35469197	1	1
1795.424	1127.424	0.511366	0.704792	505.5366	1500.847	65.9141	0.315054	2.0812	0.48970211	490.347807	1342.67432	0.29144931	2.11443309	0.34269147	1	1
1795.577	1127.577	0.552468	0.704101	506.3669	1499.304	66.921	0.337394	2.08279	0.5308317	491.197342	1341.35339	0.31381977	2.11598091	0.36567115	1	1
1795.729	1127.729	0.566	0.704699	507.2071	1500.253	64.7857	0.344646	2.0845	0.5443911	492.056651	1342.52295	0.32110203	2.11764901	0.3731128	1	1
1795.882	1127.882	0.52606	0.705599	507.5616	1502.869	61.7883	0.322209	2.0842	0.50447869	492.430385	1345.36088	0.29869549	2.11730683	0.35007431	1	1
1796.034	1128.034	0.463301	0.7090912	506.9085	1504.903	59.62444	0.2883391	2.0859	0.44174709	491.796393	1347.6153	0.26485585	2.11896494	0.31509852	2	1
1796.186	1128.186	0.510099	0.713992	504.8145	1499.527	58.7379	0.313376	2.08451	0.4885725	489.7215	1342.45965	0.289923	2.11753304	0.3409842	4	1
1796.339	1128.339	0.509102	0.7200048	501.0076	1485.011	58.77536	0.3082757	2.09986	0.48760308	485.933832	1328.16539	0.28485315	2.13284087	0.33572741	4	1
1796.491	1128.491	0.5021	0.73228	497.0627	1462.304	59.1006	0.300466	2.1134	0.48062848	482.008038	1305.6786	0.2770737	2.14633898	0.32766495	4	1
1796.644	1128.644	0.475805	0.747488	494.6833	1451.368	60.6426	0.285167	2.11669	0.45436106	479.647869	1294.9642	0.26180515	2.14958682	0.31182765	3	1
1796.796	1128.796	0.454734	0.757484	495.0902	1448.7	60.8222	0.277507	2.10582	0.43331746	480.073873	1292.51628	0.25417539	2.13867493	0.30388029	3	1
1796.948	1128.948	0.460393	0.755002	497.6633	1452.767	60.1434	0.285246	2.09079	0.43900385	482.666076	1296.80329	0.26194463	2.12360304	0.31191862	2	1
1797.101	1129.101	0.45621	0.733634	500.9912	1459.541	58.9522	0.284493	2.08661	0.43484843	486.013205	1303.79868	0.26122207	2.11938088	0.31114209	2	1
1797.253	1129.253	0.4747	0.722109	504.1615	1468.746	58.267	0.29429	2.0855	0.45336582	489.202607	1313.22356	0.27104931	2.118229	0.3212987	2	1
1797.406	1129.406	0.522309	0.700634	506.659	1484.673	58.7217	0.319673	2.0858	0.5010024	491.719334	1329.37181	0.29646274	2.11848684	0.34750849	1	1
1797.558	1129.558	0.544065	0.695508	507.5616	1488.195	56.7315	0.332252	2.0842	0.52278579	492.641035	1333.11355	0.30907197	2.11684496	0.36045001	1	1
1797.71	1129.71	0.573572	0.691706	506.9642	1482.435	57.6249	0.350468	2.0791	0.55232018	492.062735	1327.57323	0.3273182	2.11170308	0.37913437	1	1
1797.863	1129.863	0.556355	0.696392	504.8835	1459.75	58.619	0.341184	2.07711	0.53513074	490.001261	1305.10928	0.31806463	2.10967093	0.36962632	1	1
1798.015	1130.015	0.5256	0.7060762	502.4319	1440.584	60.39837	0.3221453	2.0836	0.50440313	487.568759	1286.16282	0.29905615	2.11611906	0.35007161	1	1
1798.168	1130.168	0.495023	0.717981	498.7463	1419.662	59.0364	0.299984	2.10193	0.4738537	483.902383	1265.46173	0.27692527	2.13440691	0.32721628	1	1
1798.32	1130.32	0.471619	0.731204	495.274	1405.507	57.94691	0.281004	2.12298	0.45047708	480.44918	1251.52614	0.25797549	2.15541504	0.30755754	4	1
1798.472	1130.472	0.469623	0.750169	493.1834	1389.373	56.2079	0.278443	2.1279	0.44850846	478.377677	1235.61147	0.2554447	2.16029317	0.30490253	3	1
1798.625	1130.625	0.498431	0.765288	492.527	1374.263	57.7378	0.295472	2.12361	0.47734402	477.740499	1220.72218	0.27250412	2.15596103	0.32256272	1	1
1798.777	1130.777	0.4989	0.768994	492.8848	1372.199	57.4082	0.298262	2.1149	0.4778404	478.117394	1218.87739	0.27532433	2.14720917	0.32545364	1	1
1798.93	1130.93	0.521509	0.759807	494.0138	1383.016	59.9981	0.310666	2.1157	0.50047696	479.265614	1229.91496	0.28775873	2.14796703	0.33827036	1	1
1799.082	1131.082	0.520801	0.74732	495.6876	1391.756	58.8134	0.311275	2.11211	0.49979634	480.958508	1238.87403	0.28839794	2.14433516	0.33890304	1	1

1799.234	1131.234	0.537776	0.729814	497.1217	1402.294	59.0304	0.322993	2.10458	0.51679872	482.411701	1249.63103	0.30014614	2.1367633	0.3509799	1	1
1799.387	1131.387	0.522736	0.716122	498.4312	1415.012	58.4429	0.318616	2.09023	0.50178627	483.74042	1262.5694	0.29579954	2.12237117	0.34647834	1	1
1799.539	1131.539	0.5363	0.717997	499.3272	1435.094	58.4513	0.330172	2.0763	0.51537764	484.655511	1282.87027	0.30738574	2.10839931	0.35837122	1	1
1799.692	1131.692	0.515185	0.724689	501.1126	1447.575	58.4205	0.319312	2.07391	0.4942902	486.460128	1295.57151	0.29655614	2.10596718	0.3472041	1	1
1799.844	1131.844	0.523287	0.730491	501.8345	1454.414	58.0577	0.321797	2.08039	0.50241957	487.201119	1302.62924	0.29907133	2.11240533	0.34976697	2	1
1799.996	1131.996	0.511169	0.7251133	501.8313	1455.615	57.83218	0.311855	2.09161	0.49032893	487.217008	1304.0489	0.28915952	2.12358348	0.3395282	1	1
1800.149	1132.149	0.491563	0.716614	500.5875	1453.003	57.4617	0.299218	2.09828	0.47075048	485.992423	1301.65693	0.27655291	2.13021136	0.32648285	2	1
1800.301	1132.301	0.4761	0.7244102	498.4345	1444.759	57.1931	0.2901509	2.101	0.45531485	483.858511	1293.63146	0.26751599	2.13288951	0.31710257	2	1
1800.454	1132.454	0.480881	0.744967	496.1766	1433.823	59.0645	0.293817	2.09731	0.46012339	481.619825	1282.91536	0.27121248	2.12915739	0.32090385	2	1
1800.606	1132.606	0.516371	0.75689	494.7949	1417.204	56.7714	0.314586	2.092	0.49564076	480.257212	1266.51476	0.29201166	2.12380554	0.34236196	1	1
1800.758	1132.758	0.522899	0.76339	495.5694	1413.735	57.5543	0.31921	2.0885	0.50219612	481.050798	1263.26409	0.29666584	2.1202637	0.34713044	1	1
1800.911	1132.911	0.521703	0.7629	497.3548	1419.682	56.2058	0.318375	2.0891	0.50102766	482.855409	1269.43078	0.29586121	2.12082158	0.34627499	2	1
1801.063	1133.063	0.4901	0.759206	498.4345	1436.285	57.7663	0.300136	2.0927	0.46945202	483.954194	1286.25198	0.27765238	2.12437975	0.32745901	2	1
1801.216	1133.216	0.4589	0.755803	498.8513	1441.401	55.8533	0.281809	2.09908	0.43827956	484.390204	1291.58754	0.25935575	2.13071763	0.30847913	2	1
1801.368	1133.368	0.451212	0.757697	497.9586	1435.579	55.5249	0.27578	2.10559	0.43061891	483.516588	1285.9836	0.25335692	2.1371858	0.3022215	2	1
1801.52	1133.52	0.44713	0.760995	496.6425	1417.542	56.1894	0.273409	2.1065	0.42656427	482.21957	1268.1646	0.25101609	2.13805396	0.29976096	2	1
1801.673	1133.673	0.48441	0.754111	494.68	1407.667	57.9671	0.292426	2.108	0.4638718	480.276278	1258.50896	0.27006345	2.13951186	0.3194997	1	1
1801.825	1133.825	0.4802	0.746113	496.2849	1400.722	58.3941	0.287074	2.1182	0.45968916	481.90026	1251.78182	0.26474161	2.14967003	0.31395882	4	1
1801.978	1133.978	0.479403	0.73341	498.3656	1392.402	57.5882	0.283101	2.13005	0.45891969	484.000166	1243.68104	0.26079897	2.16147792	0.30984257	4	1
1802.13	1134.13	0.488386	0.726211	498.6117	1373.781	56.8106	0.286952	2.13379	0.46793004	484.265346	1225.27777	0.26468012	2.1651761	0.31384136	8	2
1802.282	1134.282	0.479316	0.713203	495.3265	1360.725	55.85242	0.2822168	2.1329	0.45888738	480.999226	1212.43943	0.25997507	2.16424427	0.30893399	1	1
1802.435	1134.435	0.489069	0.704514	492.3564	1349.918	57.6257	0.288167	2.13091	0.46866791	478.04833	1201.85145	0.26595562	2.16221217	0.31510989	4	1
1802.587	1134.587	0.4992	0.712394	491.3325	1350.361	59.3209	0.29703	2.1197	0.47882626	477.043508	1202.51198	0.27484877	2.15096035	0.32429191	1	1
1802.74	1134.74	0.483264	0.719089	490.8565	1350.834	61.2984	0.290739	2.11153	0.46291778	476.586711	1203.20387	0.26858812	2.14274826	0.317784	1	1
1802.892	1134.892	0.473108	0.723297	491.6902	1352.865	61.6071	0.287854	2.10331	0.45278912	477.439487	1205.45226	0.26573326	2.13448644	0.31479898	4	1
1803.044	1135.044	0.500622	0.729091	491.9888	1354.421	60.5684	0.301438	2.1073	0.48033047	477.757163	1207.22559	0.2793474	2.13843462	0.32886333	1	1
1803.197	1135.197	0.514367	0.735095	492.2875	1357.512	60.5814	0.308722	2.1084	0.49410299	478.075064	1210.53528	0.28666174	2.13949254	0.33639037	1	1
1803.349	1135.349	0.4942	0.7353	492.1693	1359.071	60.0899	0.29612	2.1134	0.47396332	477.975939	1212.31147	0.27408987	2.14445072	0.32337293	1	1
1803.502	1135.502	0.486332	0.734401	491.6344	1358.835	58.0594	0.289106	2.12256	0.46612284	477.460238	1212.29403	0.2671062	2.15356864	0.31611461	1	1
1803.654	1135.654	0.476416	0.7345	490.3216	1356.091	56.5831	0.281253	2.13079	0.45623418	476.166511	1209.76709	0.25928333	2.16175683	0.30797424	1	1
1803.806	1135.806	0.433526	0.733901	487.9882	1349.038	56.3243	0.257932	2.1329	0.41337151	473.852184	1202.93108	0.23599246	2.16382502	0.28370425	1	1
1803.959	1135.959	0.466022	0.731902	485.3725	1338.451	59.0117	0.275959	2.12971	0.44589503	471.255681	1192.56244	0.25404978	2.16059294	0.30248442	4	1
1804.111	1136.111	0.4356	0.736093	482.98	1322.074	59.913	0.263207	2.1199	0.41550036	468.882252	1176.4023	0.24132791	2.15074114	0.28921575	1	1
1804.264	1136.264	0.4606	0.738004	482.2645	1312.924	60.61026	0.2791416	2.11024	0.44052787	468.185948	1167.47052	0.25729283	2.14103906	0.3058	1	1
1804.416	1136.416	0.47917	0.745488	483.5149	1312.885	61.6838	0.292385	2.09902	0.4591252	469.455418	1167.64825	0.27056634	2.12977726	0.31953831	4	1
1804.568	1136.568	0.499897	0.7452	485.4874	1322.589	62.943	0.30485	2.09451	0.47987953	471.446987	1177.56891	0.28306146	2.12522546	0.33243339	1	1
1804.721	1136.721	0.497805	0.735116	487.3318	1344.578	62.48	0.301924	2.10049	0.47781503	473.310581	1199.77593	0.28016577	2.13116339	0.32941504	1	1
1804.873	1136.873	0.5068	0.728705	488.5297	1362.891	61.1005	0.30388	2.1106	0.48683736	474.527549	1218.30546	0.28215188	2.14123159	0.33144047	1	1
1805.026	1137.026	0.522637	0.725206	489.7177	1383.574	60.6749	0.312677	2.1108	0.50270186	475.734741	1239.20635	0.29097919	2.14138953	0.34052396	1	1
1805.178	1137.178	0.518204	0.721703	491.5097	1393.554	61.828	0.311521	2.1061	0.49829618	477.545807	1249.40275	0.28985329	2.13664773	0.3393363	1	1
1805.33	1137.33	0.499091	0.709819	493.6626	1401.201	60.6691	0.298066	2.11593	0.4792105	479.717773	1257.26608	0.27642839	2.14643594	0.32544446	1	1
1805.483	1137.483	0.493318	0.703011	495.2051	1402.625	61.4813	0.289426	2.13474	0.473465	481.279463	1258.90777	0.26781869	2.16520388	0.31650474	3	1
1805.635	1137.635	0.4956	0.707992	496.4063	1402.75	60.2924	0.290002	2.1372	0.47577432	482.499728	1259.24897	0.26842479	2.16762209	0.31710603	1	1
1805.788	1137.788	0.50317	0.706902	497.1776	1403.108	61.1933	0.299502	2.11877	0.48337182	483.290217	1259.82452	0.27795508	2.14915004	0.32694292	1	1
1805.94	1137.94	0.519987	0.700805	497.7781	1409.311	58.9139	0.314205	2.10021	0.50021613	483.909779	1266.24359	0.29268818	2.13054825	0.34212613	1	1
1806.092	1138.092	0.533983	0.693412	498.5527	1420.069	60.2655	0.322398	2.099	0.51423945	484.703442	1277.21759	0.30091127	2.12929647	0.35056906	1	1
1806.245	1138.245	0.512252	0.6916985	499.9803	1435.533	59.75696	0.3095303	2.10149	0.49253594	486.150229	1292.89895	0.28807385	2.13174442	0.33731412	1	1
1806.397	1138.397	0.4825	0.688605	501.4178	1443.088	60.2027	0.293632	2.1007	0.46281125	487.606789	1300.66981	0.27220564	2.13091264	0.32088789	2	1
1806.55	1138.55	0.497042	0.683804	501.9528	1447.01	57.6244	0.302163	2.09831	0.47738074	488.160975	1304.80904	0.28076692	2.12848059	0.32971589	2	1
1806.702	1138.702	0.516569	0.678309	501.6573	1444.286	55.7407	0.313411	2.0964	0.49693505	487.884534	1302.30077	0.292045	2.12652882	0.34132999	2	1
1806.854	1138.854	0.52256	0.672605	500.4627	1437.932	54.6383	0.318009	2.09199	0.50295336	486.708993	1296.16245	0.29667308	2.12207704	0.34607263	2	1
1807.007	1139.007	0.55981	0.668307	501.3555	1422.002	56.076	0.341095	2.08452	0.54023084	487.620976	1280.44947	0.31978935	2.114565	0.36980276	1	1
1807.159	1139.159	0.54731	0.663907	502.6091	1411.592	58.3174	0.334898	2.0813	0.52775815	488.893634	1270.25501	0.31362242	2.11130323	0.36344877	2	1
1807.312	1139.312	0.564431	0.660306	504.273	1410.394	61.3387	0.344184	2.08289	0.54490663	490.576716	1269.2739	0.32293869	2.11285119	0.3729784	1	1
1807.464	1139.464	0.547627	0.655408	504.7588	1417.775	61.7088	0.334402	2.0837	0.52812993	491.081572	1276.87031	0.31318676	2.11361942	0.36294845	2	1
1807.616	1139.616	0.546997	0.652904	504.4601	1434.989	59.2554	0.336369	2.07549	0.52752723	490.801927	1294.29965	0.31518382	2.10536766	0.36497211	1	1
1807.769	1139.769	0.545305	0.660588	503.4493	1445.323	59.1793	0.337334	2.06882	0.52586271	489.810307	1304.85034	0.31617908	2.09865562	0.36596693	1	1
1807.921	1139.921	0.543	0.670192	501.7755	1446.072	59.1581	0.337773	2.0629	0.52358501	488.155561	1305.81455	0.31664814	2.09269386	0.36642184	1	1

1808.074	1140.074	0.52308	0.672197	499.5175	1436.682	61.9363	0.327163	2.062	0.50369248	485.916739	1296.64111	0.3060684	2.09175183	0.35552859	1	1
1808.226	1140.226	0.483831	0.6732029	498.7922	1419.472	58.43379	0.3094214	2.05301	0.46447078	485.210492	1279.64619	0.28835685	2.08272007	0.33725996	2	1
1808.378	1140.378	0.483188	0.678092	498.8513	1408.832	54.8027	0.30991	2.0505	0.46385507	485.288644	1269.22121	0.2888755	2.08016832	0.33776853	2	1
1808.531	1140.531	0.468635	0.70288	498.6741	1402.169	53.432	0.30055	2.05678	0.44932954	485.13062	1262.77457	0.27954575	2.08640629	0.32810711	2	1
1808.683	1140.683	0.513	0.728458	496.1076	1395.353	53.2092	0.31666	2.0788	0.49372184	482.583171	1256.17345	0.2956858	2.10838454	0.3447366	8	2
1808.836	1140.836	0.506626	0.748983	492.0643	1383.941	55.3863	0.307671	2.09733	0.4873753	478.559046	1244.97768	0.28672704	2.12687251	0.3354715	1	1
1808.988	1140.988	0.51289	0.765972	488.3557	1361.493	52.7329	0.30799	2.10808	0.49366659	474.869495	1222.74443	0.28707609	2.13758077	0.33580521	1	1
1809.14	1141.14	0.544085	0.783571	486.38	1340.554	54.6887	0.326948	2.10329	0.52488888	472.912843	1202.02012	0.30606413	2.13274902	0.35533872	2	1
1809.293	1141.293	0.525545	0.787194	485.7237	1317.118	54.5437	0.31868	2.09542	0.50637634	472.275716	1178.80015	0.29782636	2.124837	0.34683522	8	2
1809.445	1141.445	0.5075	0.775219	486.1996	1306.321	56.4028	0.310892	2.0881	0.48835863	472.770663	1168.21771	0.2900684	2.11747526	0.33881285	8	2
1809.598	1141.598	0.49993	0.779992	485.9042	1302.517	55.3277	0.307377	2.08621	0.48081609	472.494435	1164.62961	0.28658363	2.11554324	0.33519041	8	2
1809.75	1141.75	0.485723	0.809751	484.4732	1299.284	55.2871	0.296797	2.09598	0.46663637	471.082481	1161.61103	0.27603366	2.1252715	0.324262	4	1
1809.902	1141.902	0.45654	0.820391	481.6606	1290.538	54.4826	0.278337	2.10612	0.43748065	468.288925	1153.07939	0.25760368	2.13536977	0.30513107	8	2
1810.055	1142.055	0.48162	0.819002	478.9301	1271.772	55.7803	0.287047	2.12085	0.46258811	465.577595	1134.5291	0.2663439	2.15005776	0.31417395	1	1
1810.207	1142.207	0.4857	0.8286072	476.9511	1259.183	57.8719	0.2865985	2.1299	0.46669539	463.617639	1122.15433	0.26592543	2.15906602	0.31371345	4	1
1810.36	1142.36	0.479027	0.847769	476.4161	1257.519	60.1167	0.283503	2.12801	0.46004984	463.101807	1120.7059	0.26286014	2.15713402	0.31050747	4	1
1810.512	1142.512	0.4787	0.843803	477.2498	1268.005	58.3724	0.285269	2.12151	0.45975012	463.954549	1131.406	0.26465616	2.15059229	0.31234382	4	1
1810.664	1142.664	0.471169	0.833317	481.3193	1292.76	57.0339	0.284322	2.11139	0.45224639	468.04309	1156.37503	0.26373918	2.14043056	0.31136607	4	1
1810.817	1142.817	0.514197	0.819611	488.1523	1320.22	57.5217	0.31035	2.10242	0.49530184	474.895257	1184.0504	0.28979739	2.13141856	0.338294	1	1
1810.969	1142.969	0.529	0.799232	497.1217	1360.502	59.4719	0.322767	2.0879	0.51013211	483.883697	1224.54631	0.3022444	2.11685683	0.3510916	2	1
1811.122	1143.122	0.545335	0.757166	504.0138	1403.177	57.1385	0.333132	2.08362	0.52649456	490.794961	1267.43655	0.3126396	2.11253483	0.36175118	1	1
1811.274	1143.274	0.485396	0.711471	507.2596	1433.374	55.4919	0.29333	2.10676	0.46658283	494.0598	1297.84732	0.27286761	2.13563311	0.32071888	3	1
1811.426	1143.426	0.479007	0.688836	506.4293	1439.019	53.5531	0.279897	2.14021	0.46022109	493.248538	1303.70603	0.25946461	2.16904139	0.30679616	6	1
1811.579	1143.579	0.488178	0.702877	504.3452	1423.315	58.3103	0.280425	2.15636	0.46941954	491.183601	1288.21708	0.26002281	2.1851494	0.30734888	3	1
1811.731	1143.731	0.5106	0.70939	500.8205	1411.342	54.9234	0.298823	2.136	0.4918688	487.677937	1276.45766	0.2784508	2.16474768	0.32641567	1	1
1811.884	1143.884	0.522054	0.7097	499.6324	1405.52	55.6037	0.31356	2.10652	0.50335024	486.508999	1270.85057	0.293218	2.13522569	0.34163555	8	2
1812.036	1144.036	0.509221	0.712096	499.6259	1404.9	54.0125	0.312982	2.08424	0.4905445	486.521534	1270.44402	0.29266999	2.11290398	0.3410441	8	2
1812.188	1144.188	0.547881	0.7121058	500.2265	1404.293	58.43923	0.3355537	2.0801	0.52923176	487.141169	1270.0504	0.31527168	2.10872227	0.3642687	2	1
1812.341	1144.341	0.535929	0.719388	501.5916	1397.755	58.9794	0.328955	2.0798	0.5173072	488.525428	1263.72712	0.30870316	2.10838029	0.35749541	1	1
1812.493	1144.493	0.5136	0.730891	501.595	1386.521	58.4189	0.314897	2.0858	0.49500546	488.547861	1252.70638	0.29467515	2.11433858	0.3430315	1	1
1812.646	1144.646	0.493979	0.74957	501.0601	1369.048	57.0705	0.301915	2.09367	0.47541189	488.032119	1235.44797	0.28172333	2.1221666	0.32963876	1	1
1812.798	1144.798	0.489903	0.770683	499.2714	1364.923	55.0657	0.296445	2.10449	0.47136315	486.262451	1231.53609	0.27628331	2.13294489	0.32398743	8	2
1812.95	1144.95	0.526166	0.772597	497.8963	1375.704	54.4902	0.315402	2.10819	0.5076534	484.906382	1242.53015	0.29527028	2.13660319	0.34356531	8	2
1813.103	1145.103	0.504968	0.757025	497.8963	1403.495	54.1003	0.304762	2.10411	0.48648283	484.925537	1270.53554	0.28466046	2.13248122	0.33259328	8	2
1813.255	1145.255	0.491	0.743022	498.254	1426.738	57.8422	0.299365	2.0968	0.47254208	485.302267	1293.99147	0.27929343	2.12512952	0.32702083	2	1
1813.408	1145.408	0.485622	0.731019	498.789	1430.541	59.2564	0.298613	2.08993	0.46719151	485.856422	1298.00874	0.27857159	2.11821755	0.32624775	2	1
1813.56	1145.56	0.513954	0.724411	497.4795	1412.327	61.4174	0.313583	2.0909	0.49555075	484.56595	1280.00754	0.29357156	2.11914585	0.34170831	1	1
1813.712	1145.712	0.525694	0.73089	496.0453	1395.583	59.4273	0.318366	2.09681	0.507318	483.150778	1263.47627	0.29838453	2.12501416	0.34664112	1	1
1813.865	1145.865	0.518517	0.738594	495.6317	1383.446	60.32	0.312533	2.10318	0.50016842	482.75633	1251.55334	0.29258169	2.13134219	0.34063468	1	1
1814.017	1146.017	0.5229	0.735006	496.4063	1395.353	58.9286	0.315177	2.1025	0.50457867	483.549956	1263.67294	0.29525565	2.1306205	0.34336464	1	1
1814.17	1146.17	0.554474	0.7213018	497.8307	1410.804	61.32811	0.3338879	2.09971	0.53618009	484.993507	1279.33788	0.3139967	2.12778854	0.36261626	2	1
1814.322	1146.322	0.553701	0.709918	498.5527	1429.216	62.0845	0.335051	2.09381	0.53543433	485.734532	1297.96236	0.31518975	2.12184685	0.36381483	1	1
1814.474	1146.474	0.546756	0.707502	498.8513	1432.34	65.0844	0.331699	2.0916	0.52851657	486.052156	1301.29877	0.31186771	2.11959517	0.36037708	2	1
1814.627	1146.627	0.519266	0.714788	498.9695	1426.99	63.9516	0.315748	2.0935	0.50105398	486.189505	1296.16252	0.29594685	2.12145321	0.34397088	1	1
1814.779	1146.779	0.5719	0.721295	499.209	1432.347	63.8792	0.345185	2.0952	0.55371522	486.448028	1301.7318	0.3254138	2.12311153	0.37422161	1	1
1814.932	1146.932	0.564629	0.721699	499.4486	1451.011	66.8845	0.340565	2.09669	0.54647163	486.706775	1320.60941	0.32082394	2.12455957	0.3694902	1	1
1815.084	1147.084	0.57718	0.71561	499.3305	1467.883	69.2521	0.348291	2.0951	0.55904987	486.607697	1337.69357	0.32857989	2.1229279	0.37741211	6	1
1815.236	1147.236	0.539297	0.6854706	498.8513	1468.516	70.57824	0.3259829	2.097	0.5211941	486.147518	1338.53866	0.30630172	2.12478622	0.35452434	1	1
1815.389	1147.389	0.537207	0.662037	499.6259	1473.029	69.9826	0.325425	2.09471	0.51913151	486.941263	1343.26508	0.30577396	2.12245427	0.35395505	1	1
1815.541	1147.541	0.5217	0.659304	501.4178	1496.436	72.4945	0.31724	2.093	0.50365174	488.752182	1366.88404	0.29761889	2.1207026	0.34553475	13	1
1815.694	1147.694	0.532357	0.654008	504.3879	1521.871	75.5766	0.323011	2.0936	0.51433615	491.741426	1392.53233	0.30342002	2.12126065	0.35148065	13	1
1815.846	1147.846	0.536697	0.64191	506.1897	1549.997	79.6686	0.323404	2.10089	0.51870337	493.562244	1420.87016	0.30384295	2.12850898	0.35188944	13	1
1815.998	1147.998	0.509984	0.617039	505.53	1535.911	81.1552	0.305963	2.10951	0.4920176	492.921562	1406.99593	0.28643188	2.13708732	0.33391823	13	1
1816.151	1148.151	0.489948	0.6050162	500.8927	1502.245	84.00541	0.2927565	2.11688	0.472009	488.303404	1373.54303	0.2732555	2.14441538	0.3202684	13	1
1816.303	1148.303	0.4745	0.612887	492.1693	1448.819	90.257	0.282128	2.1244	0.45658822	479.59902	1320.32867	0.26265692	2.15189371	0.30925571	13	1
1816.456	1148.456	0.479679	0.648271	481.3521	1390.098	103.711	0.283245	2.13008	0.46179462	468.80096	1261.82063	0.26380404	2.15753178	0.31041927	13	1
1816.608	1148.608	0.470615	0.704606	473.0259	1327.548	113.285	0.276933	2.13469	0.45275784	460.493775	1199.48215	0.25752196	2.16210011	0.30387023	13	1
1816.76	1148.76	0.48572	0.784732	470.0952	1288.891	117.037	0.285069	2.13519	0.46789006	457.582089	1161.03659	0.26568787	2.16255846	0.31232027	13	1

1816.913	1148.913	0.49817	0.827729	472.3532	1284.017	115.602	0.293261	2.13081	0.48036746	459.859227	1156.37537	0.27390998	2.15813652	0.32081306	13	1
1817.065	1149.065	0.4988	0.830296	476.9511	1310.141	115.756	0.295565	2.124	0.48102467	464.47614	1182.71069	0.27624389	2.15128487	0.32320213	13	1
1817.218	1149.218	0.489238	0.8235164	481.0535	1342.947	113.0672	0.2914233	2.12012	0.47149007	468.597677	1215.72933	0.2721323	2.14736294	0.31891916	13	1
1817.37	1149.37	0.504276	0.813316	484.4043	1367.03	108.093	0.299393	2.1213	0.48655528	471.967488	1240.02352	0.2801319	2.14850129	0.32717039	13	1
1817.522	1149.522	0.54311	0.808707	486.682	1371.014	102.904	0.321781	2.1203	0.52541649	474.264198	1244.21865	0.3025498	2.14745964	0.35026819	13	1
1817.675	1149.675	0.549579	0.808001	489.8917	1376.597	99.3276	0.3257	2.1197	0.53191288	477.493033	1250.0141	0.3064989	2.14681772	0.35430447	13	1
1817.827	1149.827	0.5694	0.8074	494.2567	1395.231	100.764	0.338471	2.1153	0.55176109	481.877042	1268.8591	0.3192998	2.14237607	0.36742649	13	1
1817.98	1149.98	0.562029	0.786533	499.3075	1421.857	98.4415	0.334031	2.1157	0.54441748	486.946976	1295.69742	0.31488989	2.14273415	0.36287405	13	1
1818.132	1150.132	0.535022	0.7379923	503.5018	1461.792	95.06248	0.3199291	2.11	0.51743768	491.160284	1335.84329	0.30081788	2.13699251	0.34837967	13	1
1818.284	1150.284	0.545015	0.683085	505.7138	1501.355	86.059	0.32625	2.1078	0.52745789	493.391291	1375.6171	0.30716867	2.13475087	0.35488779	13	1
1818.437	1150.437	0.564254	0.646029	507.1414	1538.352	79.0478	0.337138	2.1088	0.54672427	494.838022	1412.82623	0.31808675	2.13570895	0.36607652	13	1
1818.589	1150.589	0.5896	0.627729	508.3393	1568.159	75.3205	0.352027	2.1091	0.57209747	496.054928	1442.84391	0.33300564	2.13596732	0.38133832	13	1
1818.742	1150.742	0.563583	0.612912	510.7188	1605.392	71.7523	0.338352	2.10272	0.54610785	498.453558	1480.28891	0.31936072	2.12954541	0.36733098	6	1
1818.894	1150.894	0.595648	0.592632	511.9757	1644.595	71.5073	0.359822	2.09252	0.57820005	499.729462	1519.70247	0.3408606	2.11930377	0.38931866	6	1
1819.046	1151.046	0.595562	0.563645	514.0696	1679.16	70.9811	0.36075	2.0887	0.57814125	501.842366	1554.47796	0.34181847	2.11544214	0.39027133	6	1
1819.199	1151.199	0.548613	0.5429493	516.2094	1694.388	70.89677	0.3331951	2.0901	0.53121962	504.001294	1569.91777	0.31429365	2.11680023	0.36205114	1	1
1819.351	1151.351	0.5478	0.53651	517.7683	1694.306	72.6261	0.332043	2.0925	0.53043382	505.579196	1570.04613	0.31317142	2.1191586	0.36087232	1	1
1819.504	1151.504	0.57519	0.5421979	518.4214	1684.44	72.84763	0.3471876	2.09489	0.55785119	506.251423	1560.39181	0.32834608	2.1215067	0.37641025	6	1
1819.656	1151.656	0.58179	0.545794	518.5428	1667.955	73.5053	0.350446	2.0972	0.56447838	506.391824	1544.11704	0.33163435	2.12377508	0.37975107	6	1
1819.808	1151.808	0.566763	0.5453	518.5428	1659.449	69.8684	0.339918	2.1038	0.54947858	506.410824	1535.82121	0.32113622	2.13033345	0.36896826	1	1
1819.961	1151.961	0.543873	0.549893	518.5428	1653.984	69.6628	0.32606	2.10609	0.52661594	506.429949	1530.5677	0.30730827	2.13258156	0.3547412	1	1
1820.113	1152.113	0.5251	0.557494	518.7824	1651.936	72.0446	0.314124	2.1106	0.50787013	506.688547	1528.72975	0.29540213	2.13704994	0.34245731	1	1
1820.266	1152.266	0.543526	0.567983	519.2582	1648.014	74.3036	0.325311	2.10811	0.5263235	507.183471	1525.01911	0.30661919	2.13451804	0.3539798	13	1
1820.418	1152.418	0.536905	0.576093	520.2133	1637.266	72.205	0.32048	2.1119	0.51972968	508.157568	1514.48102	0.30181804	2.13826643	0.34901339	1	1
1820.57	1152.57	0.562071	0.591375	520.3315	1611.989	71.3961	0.334003	2.1159	0.54492287	508.294765	1489.41388	0.3153709	2.14222481	0.36292053	6	1
1820.723	1152.723	0.544143	0.587503	518.7856	1557.43	71.4146	0.32305	2.1178	0.52702223	506.767986	1435.06605	0.30444794	2.14408292	0.35166724	13	1
1820.875	1152.875	0.5383	0.609764	514.3059	1494.168	72.8237	0.320243	2.1157	0.52120641	502.307281	1372.01377	0.30167079	2.14194131	0.34878271	13	1
1821.028	1153.028	0.496866	0.641448	506.8756	1426.889	70.3898	0.298695	2.10962	0.47979977	494.896101	1304.94582	0.28015283	2.13581943	0.32655569	1	1
1821.18	1153.18	0.476233	0.679107	499.2221	1380.627	68.85473	0.287479	2.1099	0.45919395	487.261595	1258.89342	0.26896667	2.13605782	0.31494864	3	1
1821.332	1153.332	0.47302	0.718136	493.597	1358.832	64.9982	0.283242	2.11811	0.45600813	481.655488	1237.30795	0.26475951	2.14422621	0.31055929	3	1
1821.485	1153.485	0.498638	0.7469779	491.4572	1357.046	65.26068	0.2934738	2.13097	0.48165348	479.534806	1235.7328	0.27502135	2.15704433	0.32116724	1	1
1821.637	1153.637	0.4948	0.749296	492.3466	1366.232	64.4925	0.288166	2.1421	0.47784266	480.443198	1245.12821	0.26974338	2.16813273	0.31567406	3	1
1821.79	1153.79	0.498286	0.73661	494.0105	1385.727	67.0489	0.288277	2.14877	0.48135601	482.126214	1264.83394	0.26988441	2.17476085	0.31579357	3	1
1821.942	1153.942	0.503192	0.731109	494.7916	1398.435	66.1873	0.291098	2.1487	0.48628918	482.926305	1277.75122	0.27273524	2.17464926	0.31872063	1	1
1822.094	1154.094	0.512484	0.731	494.7325	1409.196	65.3425	0.295664	2.15159	0.49560835	482.886195	1288.72144	0.27733107	2.17749766	0.32345173	1	1
1822.247	1154.247	0.502723	0.7307	493.7808	1409.432	63.3155	0.291486	2.14631	0.4858747	481.953609	1289.16797	0.27318309	2.17217579	0.31913138	1	1
1822.399	1154.399	0.5097	0.729901	492.9439	1411.464	61.6486	0.295105	2.1477	0.49287887	481.135697	1291.40907	0.27683191	2.17352419	0.32288223	1	1
1822.552	1154.552	0.451135	0.730499	491.9331	1388.759	58.8347	0.26229	2.1484	0.43434121	480.14401	1268.91447	0.24404693	2.17418233	0.28880538	3	1
1822.704	1154.704	0.460285	0.730101	492.107	1382.593	56.1221	0.26663	2.1504	0.44351838	480.336897	1262.95744	0.24841674	2.17614074	0.29333213	3	1
1822.856	1154.856	0.462061	0.731797	493.6659	1368.743	54.4942	0.267691	2.15009	0.44532154	481.914784	1249.31635	0.24950756	2.17578915	0.29444145	3	1
1823.009	1155.009	0.500377	0.730702	496.3965	1372.068	55.1087	0.291506	2.14143	0.48366488	484.664494	1252.85156	0.27335257	2.16708728	0.31917437	1	1
1823.161	1155.161	0.507	0.7236167	498.9104	1389.504	58.08092	0.2960224	2.1387	0.49031505	487.197379	1270.49634	0.27789878	2.1643157	0.32385372	1	1
1823.314	1155.314	0.493255	0.716012	499.6849	1410.781	58.7618	0.288828	2.13671	0.47659738	487.990989	1291.98343	0.27073438	2.16228384	0.31640915	6	1
1823.466	1155.466	0.523476	0.7080988	499.5668	1437.457	60.0855	0.3050056	2.1405	0.50684554	487.891872	1318.86808	0.28694179	2.16603226	0.33314774	4	1
1823.618	1155.618	0.534101	0.699114	499.3272	1451.92	62.0813	0.310768	2.1421	0.5174977	487.671255	1333.53967	0.29273399	2.16759068	0.3390991	4	1
1823.771	1155.771	0.535696	0.691706	498.4969	1453.705	64.2202	0.310977	2.14489	0.51912003	486.860063	1335.53457	0.29297298	2.17033883	0.33931912	1	1
1823.923	1155.923	0.5173	0.683713	497.4204	1442.849	63.9686	0.298643	2.1509	0.50075119	485.802544	1324.88704	0.28066878	2.17630725	0.32658645	1	1
1824.076	1156.076	0.526663	0.675507	496.2291	1421.454	62.398	0.303955	2.1515	0.51014152	484.63035	1303.70181	0.28601077	2.1768654	0.33208051	4	1
1824.228	1156.228	0.528597	0.676698	496.403	1413.387	64.0547	0.305948	2.14821	0.51210267	484.823231	1295.84315	0.28803357	2.17353383	0.334143	1	1
1824.38	1156.38	0.562068	0.674102	498.8611	1417.332	65.9869	0.326475	2.14559	0.54560082	487.30031	1299.99642	0.30859036	2.17087225	0.35529625	2	1
1824.533	1156.533	0.542347	0.664216	504.0302	1430.883	68.6156	0.315896	2.14101	0.52590715	492.488514	1313.757	0.29804134	2.16625041	0.34441206	1	1
1824.685	1156.685	0.512124	0.642934	510.7188	1433.538	71.1989	0.300464	2.13321	0.4957113	499.196092	1316.62015	0.28263912	2.15840884	0.32849124	1	1
1824.838	1156.838	0.474351	0.622233	510.1904	1411.195	72.8341	0.283031	2.12115	0.45796562	498.686795	1294.48661	0.2652361	2.146307	0.31044306	1	1
1824.99	1156.99	0.462619	0.638673	494.4338	1361.299	71.3945	0.274696	2.12789	0.44626077	482.949171	1244.79864	0.25693088	2.15300544	0.30179164	3	1
1825.142	1157.142	0.359595	0.6731147	456.1503	1268.28	63.70606	0.2138867	2.15807	0.34326391	444.684648	1151.9876	0.19615136	2.18314387	0.23810378	4	1
1825.295	1157.295	0.29421	0.750669	416.0945	1135.97	53.3598	0.171352	2.19977	0.27790623	404.647948	1019.88687	0.15364663	2.22480204	0.19288244	7	2
1825.447	1157.447	0.276	0.9271233	398.1129	1026.587	48.26114	0.153122	2.229	0.25972337	386.685323	910.711702	0.1354464	2.25399048	0.17329298	7	2
1825.6	1157.6	0.349505	1.18184	418.3557	965.1296	54.1754	0.191846	2.20679	0.33325569	406.947222	849.463444	0.17420037	2.23173865	0.21476169	7	2

1825.752	1157.752	0.463609	1.08947	452.1857	1018.303	69.1123	0.26512	2.16174	0.44738683	440.796195	902.844555	0.24750414	2.18664709	0.29184882	6	1
1825.904	1157.904	0.509094	0.846642	482.8093	1134.943	80.8001	0.304725	2.11209	0.49289897	471.438768	1019.6922	0.2871389	2.13695553	0.33292898	13	1
1826.057	1158.057	0.501418	0.706902	496.9084	1279.954	84.1588	0.305844	2.09394	0.48525028	485.556965	1164.91216	0.28828786	2.11876371	0.33408887	13	1
1826.209	1158.209	0.4582	0.662669	499.7473	1352.268	82.9847	0.289284	2.0751	0.44205941	488.414836	1237.43368	0.27175762	2.09988216	0.31696623	13	1
1826.362	1158.362	0.433897	0.6625	497.7847	1354.408	75.7323	0.281843	2.06245	0.41778372	486.471331	1239.78251	0.26434657	2.08719033	0.30925491	1	1
1826.514	1158.514	0.413732	0.71082	496.2881	1301.037	69.5792	0.273642	2.0596	0.39764586	484.993701	1186.61891	0.25617533	2.08429879	0.30074056	1	1
1826.666	1158.666	0.453746	0.749936	497.8405	1244.247	65.7599	0.28925	2.0686	0.43768699	486.565071	1130.03624	0.27181308	2.09325724	0.31694434	1	1
1826.819	1158.819	0.511362	0.775159	501.467	1221.644	68.226	0.317348	2.07359	0.49533029	490.210664	1107.64188	0.29994103	2.09820542	0.34597428	2	1
1826.971	1158.971	0.5138	0.761122	503.0292	1224.929	71.035	0.318205	2.0751	0.49779542	491.791832	1111.1341	0.30082778	2.09967388	0.34686136	2	1
1827.124	1159.124	0.493083	0.763594	504.575	1249.655	70.96875	0.3046349	2.08327	0.47710572	493.356724	1136.06861	0.28728762	2.10780207	0.33287143	2	1
1827.276	1159.276	0.4927	0.80034	504.0433	1275.133	71.4214	0.301073	2.09418	0.47674985	492.843991	1161.7537	0.28375546	2.11867053	0.32919614	2	1
1827.428	1159.428	0.507624	0.8030629	501.5261	1286.367	71.13584	0.3123348	2.08347	0.49170097	490.345757	1173.19472	0.295047	2.10791899	0.34082562	2	1
1827.581	1159.581	0.459953	0.760367	495.8845	1270.331	70.0602	0.294627	2.06167	0.44405727	484.723247	1157.36705	0.27736913	2.08607718	0.32253879	1	1
1827.733	1159.733	0.4175	0.768394	487.9324	1228.152	65.8474	0.279349	2.0485	0.40163139	476.790111	1115.39495	0.26212087	2.07286565	0.30670604	1	1
1827.886	1159.886	0.424273	0.79306	482.701	1202.954	66.7043	0.277847	2.06115	0.40843169	471.5778	1090.40515	0.2606488	2.08547384	0.30515063	1	1
1828.038	1160.038	0.429396	0.869836	481.6672	1220.263	71.8798	0.2721	2.08438	0.41358181	470.562963	1107.92092	0.25493153	2.10866231	0.29918166	1	1
1828.19	1160.19	0.443916	0.820876	488.6577	1271.94	78.4761	0.273952	2.09991	0.42812892	477.572425	1159.80464	0.25681326	2.12415078	0.30111193	1	1
1828.343	1160.343	0.454175	0.748855	495.1361	1338.979	84.2672	0.277392	2.10529	0.43841522	484.069912	1227.05165	0.26028318	2.12948898	0.30469135	13	1
1828.495	1160.495	0.4813	0.704469	499.0319	1395.947	87.943	0.292317	2.1029	0.46556733	487.984673	1284.22624	0.2752379	2.12705746	0.32017428	13	1
1828.648	1160.648	0.465463	0.679939	502.7732	1438.74	88.7117	0.284359	2.1017	0.44975762	491.745058	1327.22713	0.26730982	2.12581566	0.31193201	13	1
1828.8	1160.8	0.481075	0.672112	507.5549	1462.025	90.2129	0.2951	2.09351	0.46539673	496.545718	1350.71859	0.27808053	2.11758414	0.32306377	13	1
1828.952	1160.952	0.479301	0.663514	510.5481	1476.616	92.7915	0.295862	2.0881	0.46364984	499.557877	1365.516	0.27887225	2.11213262	0.32385662	13	1
1829.105	1161.105	0.480796	0.6515285	511.9757	1469.6	97.26112	0.2963316	2.0891	0.46517213	501.00456	1358.7077	0.27937176	2.11309083	0.32434689	13	1
1829.257	1161.257	0.4563	0.636624	512.2186	1462.901	97.2059	0.279602	2.1018	0.44070323	501.266417	1352.21498	0.26267187	2.12574931	0.30701327	13	1
1829.41	1161.41	0.456997	0.6244112	510.3741	1444.713	93.08418	0.2767463	2.11186	0.44142752	499.440999	1334.23455	0.25984607	2.13576752	0.30405173	13	1
1829.562	1161.562	0.458398	0.625997	503.3377	1416.045	89.5671	0.278346	2.1091	0.44285562	492.423555	1305.77271	0.26147548	2.13296601	0.3057179	13	1
1829.714	1161.714	0.438602	0.639289	487.8438	1353.453	82.4442	0.265001	2.11905	0.42308673	476.948611	1243.3868	0.24816018	2.1428745	0.29184107	13	1
1829.867	1161.867	0.377547	0.651181	469.5372	1272.268	73.428	0.223755	2.15312	0.36205901	458.66109	1162.40919	0.20694408	2.17690271	0.24865063	4	1
1830.019	1162.019	0.3555	0.714747	456.0682	1169.915	66.9686	0.201102	2.1884	0.34003911	445.211045	1060.26216	0.18432077	2.21214121	0.22472152	4	1
1830.172	1162.172	0.37801	0.816626	452.2054	1086.826	67.2546	0.204656	2.21011	0.36257638	441.367323	977.380427	0.18790466	2.23380943	0.22849184	4	1
1830.324	1162.324	0.418667	0.891437	455.4086	1074.45	72.879	0.224805	2.2149	0.40326048	444.589476	965.210274	0.20808336	2.23855792	0.24976968	4	1
1830.476	1162.476	0.419901	0.841079	459.1139	1103.748	80.7822	0.223677	2.22118	0.40452158	448.313728	994.71406	0.20698505	2.24479642	0.24858653	4	1
1830.629	1162.629	0.420697	0.806854	460.6564	1148.051	86.8959	0.227052	2.21103	0.40534485	449.875304	1039.22414	0.21038993	2.23460464	0.25214339	4	1
1830.781	1162.781	0.445	0.812291	461.6147	1180.177	90.0518	0.247168	2.1881	0.42967494	450.852555	1071.5558	0.23053562	2.21163315	0.27325327	6	1
1830.934	1162.934	0.473087	0.820686	464.1122	1194.559	87.2171	0.267768	2.17107	0.45778921	453.36913	1086.14475	0.2511655	2.19456137	0.29475854	13	1
1831.086	1163.086	0.472301	0.8163105	468.0538	1201.647	84.28525	0.2693127	2.16401	0.4570303	457.329679	1093.43829	0.25273988	2.18745988	0.29637091	13	1
1831.238	1163.238	0.468398	0.802123	472.1825	1210.141	81.4129	0.268253	2.1601	0.45315439	461.477328	1102.13777	0.25170985	2.18350838	0.29527235	1	1
1831.391	1163.391	0.466405	0.7967057	475.6909	1221.68	79.28727	0.2685586	2.15521	0.45118866	465.0048	1113.88354	0.25204533	2.17857662	0.29559494	1	1
1831.543	1163.543	0.4483	0.798797	478.3853	1239.252	75.3847	0.260559	2.1491	0.43311074	467.718148	1131.66089	0.2440754	2.17242513	0.28726448	1	1
1831.696	1163.696	0.444714	0.801598	480.0492	1248.999	70.5588	0.258343	2.1501	0.42955201	469.401119	1141.61453	0.24188926	2.17338337	0.28495724	1	1
1831.848	1163.848	0.452887	0.802199	480.7089	1255.113	68.6743	0.26184	2.153	0.43775209	470.079765	1147.93376	0.24541593	2.17624188	0.28860919	1	1
1832	1164	0.442646	0.797004	480.3512	1257.158	65.2273	0.255582	2.1555	0.42753817	469.74101	1150.18393	0.2391876	2.17870039	0.28208414	1	1
1832.153	1164.153	0.471331	0.798298	479.045	1259.298	62.5432	0.271526	2.1544	0.45625043	468.45388	1152.53039	0.25516146	2.17755864	0.29870498	1	1
1832.305	1164.305	0.4765	0.807892	478.4444	1254.05	60.4024	0.276565	2.1469	0.46144651	467.872224	1147.48744	0.26023012	2.17001715	0.30394791	4	1
1832.458	1164.458	0.499807	0.822476	478.2048	1242.878	59.7394	0.292358	2.13724	0.48478077	467.651691	1136.52177	0.27605297	2.1603154	0.32033209	4	1
1832.61	1164.61	0.429613	0.838274	478.5625	1226.984	61.2331	0.258024	2.12652	0.41461384	468.028334	1120.8327	0.24174863	2.14955392	0.28465115	1	1
1832.762	1164.762	0.474106	0.840696	478.4444	1226.387	58.8856	0.279419	2.13272	0.45913392	467.929176	1120.44056	0.26317328	2.15571245	0.30692555	4	1
1832.915	1164.915	0.477589	0.831215	478.1456	1240.161	58.7109	0.277269	2.14656	0.46264417	467.649442	1134.42071	0.26105313	2.1695107	0.3046971	4	1
1833.067	1165.067	0.4902	0.8267106	476.8329	1250.709	56.9628	0.2807852	2.1592	0.47528225	466.355682	1145.17345	0.26459898	2.18210922	0.30835276	4	1
1833.22	1165.22	0.475957	0.821608	474.2764	1254.273	55.6619	0.272562	2.1598	0.4610665	463.818247	1148.94347	0.25640562	2.18266748	0.29981365	1	1
1833.372	1165.372	0.484693	0.8278095	471.6442	1248.566	54.17255	0.2794149	2.15291	0.46982957	461.204986	1143.44109	0.26328816	2.17573601	0.30693907	1	1
1833.524	1165.524	0.460921	0.845971	469.255	1237.808	53.2412	0.267994	2.14699	0.44608463	458.834724	1132.88765	0.2518969	2.16977454	0.29506956	6	1
1833.677	1165.677	0.487736	0.868082	469.0154	1221.391	53.8986	0.286551	2.13393	0.47292688	458.614187	1116.67649	0.27048374	2.1566728	0.3143515	1	1
1833.829	1165.829	0.465	0.863907	471.1027	1216.817	50.2636	0.276851	2.125	0.45021795	460.720424	1112.30692	0.26081337	2.14770134	0.3042895	8	2
1833.982	1165.982	0.47008	0.858604	472.6485	1222.76	49.684	0.282893	2.11414	0.45532519	462.285285	1118.45564	0.2668852	2.1367996	0.31056676	8	2
1834.134	1166.134	0.4703	0.860497	473.0128	1241.369	51.6958	0.282377	2.1162	0.45557225	462.66852	1137.26895	0.26639883	2.13881814	0.31003581	1	1
1834.286	1166.286	0.471081	0.861899	471.9987	1255.015	54.5178	0.277618	2.13325	0.45638031	461.673355	1151.1192	0.26166946	2.15582668	0.3050996	1	1
1834.439	1166.439	0.459428	0.869787	470.8073	1261.077	53.5401	0.26191	2.16482	0.44475455	460.501014	1157.38673	0.24599128	2.18735495	0.288758	6	1

1834.591	1166.591	0.4255	0.88198	471.5819	1261.45	49.2384	0.233874	2.1968	0.41085361	461.294548	1157.96386	0.2179849	2.21929349	0.25943053	5	1
1834.744	1166.744	0.426496	0.893282	475.5629	1259.071	49.0855	0.23272	2.20258	0.41187685	465.294605	1155.79027	0.21686072	2.22503177	0.25822309	5	1
1834.896	1166.896	0.454555	0.895896	482.8487	1262.757	51.5514	0.25421	2.18213	0.4399629	472.599338	1159.68028	0.23838034	2.20454031	0.28073618	6	1
1835.048	1167.048	0.47786	0.879413	489.3108	1272.567	52.3387	0.275572	2.15298	0.46329496	479.080369	1169.69422	0.25977196	2.17534886	0.30299608	1	1
1835.201	1167.201	0.452681	0.868118	494.4208	1284.562	49.9381	0.26644	2.13755	0.43814319	484.209425	1181.89445	0.25066976	2.15987714	0.29350047	8	2
1835.353	1167.353	0.461	0.8640957	495.2117	1284.841	47.12154	0.2722569	2.133	0.44648924	485.019255	1182.37727	0.25651628	2.15528569	0.29955859	8	2
1835.506	1167.506	0.432415	0.855015	498.6577	1272.596	48.2977	0.259596	2.12603	0.41793147	488.484309	1170.33737	0.24388518	2.14827397	0.28637607	7	2
1835.658	1167.658	0.439694	0.850803	496.4654	1262.652	49.8601	0.268082	2.11131	0.42523752	486.310938	1160.59707	0.25240079	2.13351253	0.29522348	8	2
1835.81	1167.81	0.433802	0.845808	491.5064	1255.356	49.1646	0.26447	2.11332	0.41937257	481.370866	1153.50472	0.24881839	2.13548109	0.29146618	7	2
1835.963	1167.963	0.435695	0.873178	484.3091	1247.388	48.3181	0.258576	2.13435	0.4212928	474.192618	1145.74163	0.24295419	2.15646937	0.28532531	7	2
1836.115	1168.115	0.4023	0.912735	477.1907	1231.851	47.44	0.228817	2.1737	0.38792484	467.093145	1130.40815	0.21322479	2.19577793	0.25416172	5	1
1836.268	1168.268	0.412966	0.919495	475.169	1203.183	49.7588	0.224943	2.2039	0.39861806	465.090496	1101.94495	0.20938058	2.22593622	0.25009058	5	1
1836.42	1168.42	0.436163	0.906321	475.8155	1173.541	49.2364	0.234612	2.21488	0.42184211	465.755921	1072.50635	0.21907917	2.23687479	0.26025922	5	1
1836.572	1168.572	0.474105	0.879243	478.8054	1158.937	49.261	0.259289	2.20458	0.45981115	468.764746	1058.10568	0.24378576	2.22653335	0.28608698	6	1
1836.725	1168.725	0.480684	0.871313	482.1365	1161.552	47.1136	0.268262	2.18515	0.46641737	472.114894	1060.9253	0.25278855	2.20706165	0.29544199	6	1
1836.877	1168.877	0.4894	0.853129	482.5008	1179.938	45.6648	0.279367	2.1627	0.47516041	472.498118	1079.51451	0.26392313	2.18457022	0.30699139	1	1
1837.03	1169.03	0.449759	0.849003	479.8852	1209.18	46.3048	0.261231	2.14945	0.43554662	469.901565	1108.96101	0.24581691	2.17127852	0.28812579	6	1
1837.182	1169.182	0.476357	0.864275	473.5018	1233.246	47.4818	0.277764	2.14251	0.46217166	463.537087	1133.2301	0.26237949	2.16429709	0.30533558	8	2
1837.334	1169.334	0.451659	0.8702029	472.7207	1241.759	50.78884	0.2633167	2.146	0.43750069	462.774908	1141.94613	0.24796177	2.16774567	0.29030889	6	1
1837.487	1169.487	0.488283	0.880184	475.5104	1242.471	50.7141	0.282889	2.14779	0.4741519	465.583653	1142.86244	0.26756384	2.16949397	0.31066455	1	1
1837.639	1169.639	0.5113	0.820946	480.1149	1243.19	51.281	0.293614	2.1567	0.49719594	470.207073	1143.78435	0.27831842	2.17836255	0.3217827	1	1
1837.792	1169.792	0.490483	0.785156	481.8379	1268.507	51.5109	0.276274	2.17642	0.47640614	471.949117	1169.30554	0.26100818	2.19804086	0.30380544	1	1
1837.944	1169.944	0.487402	0.749128	480.3544	1302.356	53.5354	0.268284	2.20008	0.47335217	470.484536	1203.35733	0.25304775	2.22165944	0.29550043	1	1
1838.096	1170.096	0.522042	0.750398	476.472	1329.12	54.2698	0.288687	2.20177	0.5080192	466.621054	1230.32406	0.27348032	2.22330802	0.31669362	8	2
1838.249	1170.249	0.548237	0.753198	474.808	1332.452	54.5022	0.308973	2.18354	0.53424141	464.976095	1233.86007	0.29379608	2.20503633	0.33767167	8	2
1838.401	1170.401	0.5347	0.755696	476.5343	1313.124	52.8331	0.305945	2.1623	0.52073143	466.721312	1214.73468	0.29079764	2.18375492	0.33455108	8	2
1838.554	1170.554	0.53968	0.740624	479.8621	1299.813	54.2619	0.311497	2.15204	0.52573863	470.068152	1201.62756	0.29637939	2.17345324	0.34028383	8	2
1838.706	1170.706	0.51504	0.718135	483.0325	1290.466	57.0714	0.30067	2.13852	0.50112566	473.257467	1192.48305	0.28558195	2.15989183	0.32911129	8	2
1838.858	1170.858	0.515664	0.713208	483.994	1305.376	58.4999	0.304172	2.1271	0.50177668	474.237882	1207.59548	0.28911351	2.14843042	0.33273361	1	1
1839.011	1171.011	0.470908	0.729587	484.7687	1317.273	58.6405	0.28086	2.12221	0.45704788	475.03162	1219.69618	0.26583125	2.14349874	0.30860333	1	1
1839.163	1171.163	0.436	0.737487	485.6055	1328.996	56.0279	0.262658	2.1222	0.42216689	475.887333	1231.62149	0.2476588	2.14344733	0.28967572	2	1
1839.316	1171.316	0.439486	0.7410917	486.9708	1325.074	56.96609	0.2644707	2.1221	0.42568009	477.27167	1227.90306	0.24950124	2.14330566	0.29156921	2	1
1839.468	1171.468	0.459767	0.73451	489.2419	1331.493	55.0853	0.276597	2.11691	0.44598811	479.561682	1234.52425	0.26165709	2.13807426	0.30418977	2	1
1839.62	1171.62	0.49375	0.731403	491.2733	1353.745	55.6321	0.294077	2.11951	0.47999812	481.611993	1256.97838	0.27916663	2.14063286	0.32231928	1	1
1839.773	1171.773	0.462475	0.728205	491.9265	1380.607	57.2482	0.276159	2.12289	0.44875031	482.284228	1284.04378	0.26127836	2.14397119	0.30374356	3	1
1839.925	1171.925	0.4736	0.738492	490.7975	1395.471	59.8326	0.279958	2.13	0.45990232	481.174137	1299.10978	0.2651069	2.15103979	0.30769356	3	1
1840.078	1172.078	0.481269	0.748084	488.3	1393.213	60.8703	0.281829	2.13787	0.46759851	478.695671	1297.05506	0.26700763	2.15886813	0.30963995	3	1
1840.23	1172.23	0.473013	0.756287	486.8592	1381.05	60.9709	0.274963	2.14579	0.45936952	477.273779	1285.09395	0.26017116	2.16674673	0.30251399	3	1
1840.382	1172.382	0.482654	0.765086	486.8592	1365.399	61.0337	0.277347	2.1562	0.46903753	477.292687	1269.64477	0.26258469	2.17711534	0.30499546	3	1
1840.535	1172.535	0.453992	0.763902	488.4049	1367.539	60.3957	0.262134	2.15401	0.44040271	478.857418	1271.98787	0.24740141	2.17488368	0.28916951	4	1
1840.687	1172.687	0.4662	0.742035	490.4365	1386.757	59.8934	0.271459	2.145	0.45263772	480.907924	1291.40757	0.25675594	2.16583229	0.29888404	4	1
1840.84	1172.84	0.476359	0.721632	492.1004	1408.986	59.5117	0.28132	2.13046	0.4628239	482.590854	1313.83955	0.26664666	2.15125064	0.30913384	3	1
1840.992	1172.992	0.506476	0.713007	493.3607	1427.916	58.5448	0.299314	2.1259	0.4929679	483.870059	1332.97113	0.28467018	2.14664925	0.32777579	6	1
1841.144	1173.144	0.516481	0.708507	494.4962	1430.433	57.0913	0.304081	2.1291	0.5029999	485.024463	1335.68966	0.28946669	2.14980787	0.33270565	2	1
1841.297	1173.297	0.492557	0.7073008	495.5661	1422.701	56.38811	0.2897557	2.13209	0.47910308	486.113391	1328.16045	0.2751711	2.15275622	0.31789356	2	1
1841.449	1173.449	0.4804	0.7071	497.7781	1424.591	56.1432	0.28313	2.1318	0.46697308	488.344294	1330.25186	0.26857492	2.15242484	0.31102956	3	1
1841.602	1173.602	0.482691	0.706201	500.3938	1439.685	55.2784	0.28615	2.12582	0.46929125	490.979021	1345.54853	0.27162462	2.14640319	0.31416586	3	1
1841.754	1173.754	0.48879	0.703404	503.9186	1450.233	54.8573	0.290735	2.12161	0.47541725	494.522722	1356.29782	0.27623913	2.14215181	0.31892112	3	1
1841.906	1173.906	0.465807	0.687513	505.2937	1450.939	54.781	0.279278	2.11851	0.45246124	495.916723	1357.20505	0.26481163	2.13901044	0.30704507	3	1
1842.059	1174.059	0.470389	0.672624	504.1648	1434.536	54.4635	0.278952	2.12758	0.45707041	494.806847	1341.00454	0.26451533	2.14803879	0.30671102	3	1
1842.211	1174.211	0.509569	0.689173	500.8238	1403.968	56.1384	0.296204	2.14339	0.4962774	491.484747	1310.63764	0.28179683	2.16380742	0.32459498	2	1
1842.364	1174.364	0.48709	0.741313	498.7988	1373.279	58.3031	0.275292	2.17278	0.47382557	489.47877	1280.15102	0.26091452	2.19315578	0.30291789	4	1
1842.516	1174.516	0.465135	0.793214	498.254	1363.859	58.9521	0.256451	2.19566	0.45189756	488.952868	1270.932	0.24210302	2.21599442	0.28329893	3	1
1842.668	1174.668	0.460045	0.784314	499.0319	1384.329	60.3081	0.255523	2.18846	0.44683455	489.749665	1291.60293	0.24120451	2.20875305	0.28233453	4	1
1842.821	1174.821	0.488409	0.716604	499.6259	1433.026	57.6373	0.279355	2.16069	0.47522571	490.362686	1340.50212	0.26506619	2.18094142	0.30715155	6	1
1842.973	1174.973	0.4709	0.660643	501.1192	1494.884	58.6423	0.278045	2.1315	0.4577437	491.874883	1402.56093	0.26378568	2.15171005	0.30579564	1	1
1843.126	1175.126	0.463231	0.632344	499.278	1519.252	56.8724	0.275718	2.12562	0.45010186	490.052702	1427.131	0.26148836	2.14578842	0.30338269	2	1
1843.278	1175.278	0.47529	0.6343135	493.725	1509.81	60.00165	0.2805922	2.131	0.46218784	484.518597	1417.88969	0.26639204	2.15112706	0.30844915	1	1

1843.43	1175.43	0.507995	0.653968	491.3325	1490.213	61.1892	0.298371	2.1323	0.49491982	482.144991	1398.49332	0.28420032	2.15238571	0.32687128	4	1
1843.583	1175.583	0.501715	0.670487	491.6902	1471.657	59.4307	0.294685	2.1328	0.48866698	482.521708	1380.13921	0.280544	2.15284408	0.32306306	4	1
1843.735	1175.735	0.5202	0.673096	494.017	1463.019	56.7332	0.300967	2.1485	0.50717895	484.867401	1371.70172	0.28685547	2.16850273	0.32956348	4	1
1843.888	1175.888	0.468964	0.679295	495.8024	1457.191	53.6639	0.256194	2.20492	0.45597011	486.671817	1366.07549	0.24211214	2.2248811	0.28307063	3	1
1844.04	1176.04	0.439347	0.695174	495.8681	1424.88	51.0301	0.222054	2.2704	0.42638008	486.756408	1333.96488	0.20800161	2.29031975	0.24727729	1	1
1844.192	1176.192	0.45173	0.733337	496.6459	1404.887	51.5162	0.223787	2.29656	0.43879006	487.553099	1314.17222	0.20976408	2.31643841	0.24910688	1	1
1844.345	1176.345	0.488811	0.764849	498.2508	1390.492	50.8193	0.258647	2.24333	0.47589821	489.177013	1299.97881	0.24465374	2.26316679	0.28564396	2	1
1844.497	1176.497	0.5119	0.753019	502.9078	1411.464	54.5129	0.288704	2.1769	0.49901418	493.852902	1321.15102	0.2747402	2.19669544	0.31689659	6	1
1844.65	1176.65	0.504231	0.735029	506.8329	1444.388	52.3827	0.298251	2.12521	0.49137233	497.797015	1354.27649	0.28431686	2.14496383	0.3267824	6	1
1844.802	1176.802	0.503401	0.717228	508.0998	1477.883	53.4358	0.300803	2.11472	0.4905693	499.082803	1387.97159	0.28689831	2.13443249	0.32942477	2	1
1844.954	1176.954	0.50178	0.696716	505.2904	1493.219	53.9526	0.301456	2.10941	0.48897526	496.29229	1403.50762	0.28758077	2.12908115	0.33010392	4	1
1845.107	1177.107	0.48924	0.678928	501.7263	1498.448	55.3793	0.293566	2.11289	0.47646241	492.747201	1408.93791	0.27972042	2.13251954	0.32194903	2	1
1845.259	1177.259	0.4824	0.6847988	499.2682	1498.94	56.65399	0.289069	2.1155	0.46964937	490.307986	1409.62983	0.27525287	2.1350882	0.31729677	2	1
1845.412	1177.412	0.465468	0.689592	498.6151	1500.128	57.3905	0.280374	2.1144	0.45274451	489.673896	1411.019	0.26658751	2.1339466	0.30828447	2	1
1845.564	1177.564	0.47829	0.682006	499.5668	1495.96	59.3746	0.28674	2.1159	0.46559347	490.64448	1407.0508	0.27298296	2.13540526	0.31489211	2	1
1845.716	1177.716	0.437032	0.689488	501.723	1480.873	61.2907	0.263703	2.1206	0.42436243	492.819564	1392.16354	0.2499754	2.14006393	0.29095555	1	1
1845.869	1177.869	0.457152	0.701191	506.2389	1451.752	61.5413	0.274413	2.1195	0.44450957	497.354471	1363.24354	0.26071503	2.13892233	0.30210598	2	1
1846.021	1178.021	0.4057	0.693213	508.8776	1422.442	60.6118	0.25145	2.1116	0.39308453	500.012054	1334.13316	0.23778147	2.130981	0.27817744	2	1
1846.174	1178.174	0.423429	0.683116	510.0656	1413.883	61.1342	0.262873	2.10293	0.41084066	501.219059	1325.77503	0.2492341	2.12226941	0.29010389	2	1
1846.326	1178.326	0.416611	0.693284	510.6071	1429.101	60.0302	0.256873	2.11089	0.40404962	501.77944	1341.19253	0.24326354	2.13018808	0.28385038	2	1
1846.478	1178.478	0.413781	0.694198	510.4266	1461.949	61.3301	0.247892	2.13332	0.40124657	501.617821	1374.23998	0.23431197	2.15257676	0.27447042	2	1
1846.631	1178.631	0.389957	0.701588	510.6662	1467.42	57.3365	0.229663	2.15295	0.3774497	501.876425	1379.91167	0.21611259	2.17216517	0.25536011	1	1
1846.783	1178.783	0.3586	0.725062	514.5455	1448.461	57.4777	0.217749	2.1462	0.34611965	505.774603	1361.152	0.20422802	2.16537385	0.2428202	2	1
1846.936	1178.936	0.455313	0.738189	521.618	1431.936	56.8908	0.276134	2.11104	0.44285978	512.866106	1344.82757	0.26264263	2.13017226	0.30392535	2	1
1847.088	1179.088	0.462389	0.702755	528.2573	1443.308	59.8619	0.291392	2.07506	0.44996273	519.524284	1356.39878	0.27793006	2.09415094	0.31975559	2	1
1847.24	1179.24	0.524968	0.6748134	531.4308	1484.92	59.32896	0.3281126	2.06221	0.51256867	522.71666	1398.20993	0.31468008	2.08125963	0.35763842	4	1
1847.393	1179.393	0.505148	0.664217	531.5524	1522.835	60.2827	0.316356	2.06599	0.4927758	522.857261	1436.32533	0.30295309	2.08499805	0.34554611	1	1
1847.545	1179.545	0.5208	0.661003	531.1322	1540.473	60.4334	0.322509	2.0734	0.50845474	522.455936	1454.16236	0.3091355	2.09236674	0.35188493	2	1
1847.698	1179.698	0.497394	0.660501	532.7961	1543.443	60.6698	0.309836	2.0738	0.48507586	524.138835	1457.33264	0.2964921	2.09272516	0.3388341	1	1
1847.85	1179.85	0.452236	0.659301	535.9042	1535.944	61.2774	0.287871	2.0705	0.4399448	527.265809	1450.03255	0.27455651	2.08938385	0.31613029	2	1
1848.002	1180.002	0.45763	0.663194	538.8907	1520.056	60.9587	0.290829	2.0696	0.44536574	530.271183	1434.34341	0.27754392	2.08844254	0.31919895	2	1
1848.155	1180.155	0.476141	0.678276	539.7243	1514.234	62.6936	0.30029	2.0691	0.46390386	531.12378	1428.72151	0.28703452	2.08790097	0.32899117	1	1
1848.307	1180.307	0.4808	0.6934627	537.8176	1513.262	63.03113	0.3012013	2.0737	0.46858979	529.235952	1427.94824	0.28797522	2.09245967	0.32993729	1	1
1848.46	1180.46	0.465362	0.696994	534.9032	1520.63	62.7734	0.293005	2.0747	0.45317891	526.340548	1435.51623	0.27980851	2.0934181	0.32146507	4	1
1848.612	1180.612	0.494154	0.687515	532.4516	1512.796	61.3532	0.308314	2.0732	0.48199784	523.907818	1427.88085	0.29514691	2.0918768	0.33729022	1	1
1848.764	1180.764	0.470089	0.678514	531.0732	1508.845	60.0127	0.296405	2.0716	0.45795978	522.548288	1424.12841	0.2832673	2.0902355	0.3249919	6	1
1848.917	1180.917	0.456333	0.676302	530.5973	1504.916	59.6453	0.290287	2.06931	0.44423089	522.091382	1420.39921	0.27717889	2.08790393	0.31866401	2	1
1849.069	1181.069	0.4653	0.677698	530.4759	1504.312	59.3349	0.294812	2.0691	0.45322482	521.988851	1419.99366	0.28173328	2.08765264	0.32335268	6	1
1849.222	1181.222	0.477651	0.6767025	530.7155	1502.885	60.23336	0.3020105	2.06611	0.46560292	522.247443	1418.76634	0.28896136	2.08462108	0.33079968	1	1
1849.374	1181.374	0.428479	0.678597	531.3128	1500.02	60.1844	0.281493	2.05632	0.41645785	522.86361	1416.09967	0.26847324	2.07478979	0.30956037	2	1
1849.526	1181.526	0.454024	0.688792	532.5664	1497.867	60.6977	0.294676	2.05299	0.44202978	524.136077	1414.14494	0.28168563	2.0714185	0.32322512	2	1
1849.679	1181.679	0.469263	0.702178	533.6364	1497.033	60.7356	0.303619	2.04851	0.45729588	525.225067	1413.51045	0.2906582	2.06689694	0.33247432	6	1
1849.831	1181.831	0.4643	0.702	534.4141	1497.03	62.9932	0.302404	2.0449	0.4523598	526.021632	1413.7056	0.28947258	2.06324566	0.3312237	6	1
1849.984	1181.984	0.444679	0.703398	534.6537	1493.823	64.2915	0.294669	2.04022	0.4327659	526.280221	1410.69799	0.28176714	2.0585241	0.32323106	2	1
1850.136	1182.136	0.417743	0.707893	534.4765	1485.707	61.0922	0.280152	2.04659	0.40585682	526.121885	1402.78002	0.26727952	2.06485282	0.30819059	2	1
1850.288	1182.288	0.433406	0.7059046	533.3968	1470.41	58.72729	0.2823962	2.06021	0.42154674	525.061048	1387.681	0.26955309	2.07843154	0.31052393	2	1
1850.441	1182.441	0.437188	0.698911	531.618	1466.016	58.743	0.281817	2.06698	0.42535584	523.301235	1383.48621	0.26900345	2.08515999	0.30992738	2	1
1850.593	1182.593	0.4437	0.6920059	529.4617	1470.18	61.01603	0.2851883	2.0662	0.43189476	521.163796	1387.84807	0.27240411	2.08433872	0.31342863	2	1
1850.746	1182.746	0.433142	0.693198	527.4434	1485.156	61.9204	0.280631	2.06491	0.42136385	519.164482	1403.02317	0.26787637	2.08300717	0.30870538	2	1
1850.898	1182.898	0.476865	0.697197	525.4677	1492.849	61.3718	0.301501	2.0665	0.46511377	517.207642	1410.91391	0.28877573	2.0845559	0.33032144	6	1
1851.05	1183.05	0.520296	0.694904	524.1516	1496.554	63.542	0.322892	2.0712	0.50857168	515.910402	1414.81659	0.31019609	2.08921463	0.35237931	4	1
1851.203	1183.203	0.515811	0.686407	523.5576	1496.554	64.4658	0.318787	2.07679	0.50411377	515.335385	1415.01551	0.30612063	2.09476309	0.34815888	4	1
1851.355	1183.355	0.5182	0.679012	524.5093	1496.554	64.4671	0.319515	2.0787	0.50652968	516.305944	1415.21308	0.30687799	2.09663182	0.34891272	4	1
1851.508	1183.508	0.504156	0.6787	526.1142	1496.554	62.6246	0.312443	2.07701	0.49251276	517.929826	1415.41188	0.29983553	2.09490028	0.34163171	1	1
1851.66	1183.66	0.495214	0.681196	527.3712	1496.554	59.9955	0.307847	2.0765	0.48359767	519.205683	1415.60933	0.29526888	2.09434902	0.33689583	1	1
1851.812	1183.812	0.448415	0.683198	526.9544	1496.554	59.1587	0.283275	2.0786	0.43682558	518.807739	1415.80672	0.27072622	2.09640775	0.31147954	2	1
1851.965	1183.965	0.457678	0.684897	524.8145	1496.554	59.5804	0.288195	2.0776	0.44611566	516.686819	1416.00535	0.27567576	2.09536622	0.31658463	2	1
1852.117	1184.117	0.4438	0.680507	522.1824	1496.554	62.1445	0.282883	2.0731	0.43226456	514.073574	1416.20263	0.2703931	2.09082496	0.3110817	2	1

1852.27	1184.27	0.472784	0.6716211	520.6957	1492.869	63.7679	0.2986634	2.06882	0.46127564	512.605852	1412.71614	0.28620303	2.08650343	0.32742811	1	1
1852.422	1184.422	0.455827	0.6716	520.7516	1485.468	63.2227	0.289906	2.0697	0.44434554	512.680606	1405.5123	0.27747497	2.08734218	0.31837033	2	1
1852.574	1184.574	0.444104	0.6787936	522.0643	1474.834	61.6475	0.2819005	2.07642	0.43264944	514.012159	1395.07539	0.2694988	2.09402092	0.31007553	2	1
1852.727	1184.727	0.446492	0.678301	523.4919	1475.786	62.266	0.278731	2.08936	0.43506452	515.458735	1396.22573	0.26635882	2.1069194	0.30679009	2	1
1852.879	1184.879	0.4506	0.671206	523.3771	1489.035	61.6472	0.277643	2.0989	0.43919942	515.362787	1409.67171	0.26530015	2.11641815	0.30566462	2	1
1853.032	1185.032	0.457174	0.667506	521.7132	1497.118	60.7389	0.281241	2.0981	0.44580049	513.717862	1417.95293	0.26892767	2.11557663	0.30940438	2	1
1853.184	1185.184	0.486476	0.6673	520.3347	1496.912	58.6519	0.300157	2.08641	0.47512938	512.358212	1417.9438	0.28787299	2.10384538	0.32899823	1	1
1853.336	1185.336	0.468894	0.671094	521.1125	1486.157	60.8065	0.293494	2.07869	0.45757428	513.154862	1407.38561	0.28123931	2.09608414	0.32211151	2	1
1853.489	1185.489	0.461019	0.679793	524.5028	1468.313	62.2064	0.292834	2.06862	0.44972634	516.564135	1389.73966	0.28060883	2.08597262	0.32143278	2	1
1853.641	1185.641	0.4424	0.688985	528.5691	1458.723	63.6934	0.284603	2.0661	0.43113423	520.649283	1380.34635	0.27240714	2.08341138	0.31290953	2	1
1853.794	1185.794	0.437117	0.708684	530.1149	1459.199	61.724	0.28064	2.07029	0.4258783	522.214055	1381.02028	0.26847365	2.08755987	0.30880261	2	1
1853.946	1185.946	0.435203	0.720381	528.0932	1465.277	61.8069	0.274852	2.08448	0.42399119	520.211201	1387.29485	0.26271496	2.10170863	0.30279576	2	1
1854.098	1186.098	0.43583	0.711314	522.4188	1476.859	59.3623	0.273278	2.09	0.42464507	514.555648	1399.07337	0.26117027	2.10718739	0.30116407	2	1
1854.251	1186.251	0.473509	0.6978317	518.4936	1472.458	57.84851	0.2923248	2.0897	0.46235114	510.649417	1394.87013	0.28024657	2.10684589	0.32092757	6	1
1854.403	1186.403	0.4857	0.683423	517.0528	1480.325	56.9349	0.296411	2.0972	0.47456902	509.227462	1402.93353	0.28436207	2.11430465	0.3251602	4	1
1854.556	1186.556	0.463489	0.6755026	520.617	1472.717	55.89489	0.2798722	2.11264	0.45238508	512.81063	1395.52317	0.26785276	2.12970315	0.3080276	2	1
1854.708	1186.708	0.436843	0.671307	522.061	1476.38	56.2604	0.263871	2.11979	0.42576596	514.273473	1399.38245	0.25188086	2.13681192	0.29139118	2	1
1854.86	1186.86	0.413107	0.677695	525.4677	1463.607	55.807	0.250908	2.12341	0.40205684	517.699016	1386.80568	0.23894716	2.14039069	0.27786785	2	1
1855.013	1187.013	0.417689	0.68419	526.3571	1457.781	56.959	0.250201	2.13218	0.40666589	518.607382	1381.17715	0.23826965	2.14911919	0.27713324	2	1
1855.165	1187.165	0.4062	0.677705	522.363	1452.278	57.9724	0.233137	2.1665	0.39520377	514.632124	1375.87026	0.22123494	2.18339797	0.25925924	1	1
1855.318	1187.318	0.389168	0.671011	513.5051	1446.452	57.9147	0.210803	2.20883	0.37819882	505.793188	1370.24161	0.19893042	2.22568648	0.23573754	1	1
1855.47	1187.47	0.386802	0.68369	505.4217	1435.697	55.155	0.19681	2.25057	0.3758597	497.728628	1359.68261	0.18496671	2.26738525	0.22092262	1	1
1855.622	1187.622	0.384331	0.703767	504.0499	1413.827	52.3341	0.192397	2.26106	0.37341557	496.375668	1338.00855	0.18058299	2.27783403	0.21623987	1	1
1855.775	1187.775	0.403538	0.711787	509.1565	1399.695	50.7614	0.210337	2.23588	0.39264962	501.50123	1324.07372	0.19855246	2.25261254	0.23525843	1	1
1855.927	1187.927	0.4085	0.697622	515.6186	1385.806	52.6444	0.227453	2.188	0.39763849	507.982168	1310.38055	0.21569774	2.20469133	0.25330811	1	1
1856.08	1188.08	0.426129	0.686917	518.8284	1390.558	57.0694	0.251414	2.14139	0.41529453	511.21093	1315.3296	0.23968821	2.15803984	0.27843206	2	1
1856.232	1188.232	0.424902	0.678121	519.4355	1400.348	62.22497	0.2617367	2.10835	0.4140944	511.836866	1325.31531	0.25004019	2.12495863	0.28921089	2	1
1856.384	1188.384	0.449101	0.669713	518.0045	1416.252	65.5785	0.278563	2.0938	0.43832027	510.424702	1341.41497	0.26689576	2.11036742	0.30672101	1	1
1856.537	1188.537	0.450796	0.6601048	516.5179	1437.073	64.04494	0.2811473	2.08851	0.44004231	508.957061	1362.43285	0.26950952	2.10503594	0.30940805	1	1
1856.689	1188.689	0.4383	0.656106	517.2892	1450.25	60.9824	0.27401	2.0914	0.42757317	509.747196	1375.80539	0.26240149	2.10788473	0.3019997	2	1
1856.842	1188.842	0.444575	0.657799	519.8458	1459.521	60.3551	0.28037	2.08164	0.43387521	512.322754	1385.27315	0.26879095	2.09808325	0.30861011	2	1
1856.994	1188.994	0.43212	0.66389	523.4296	1468.136	59.5332	0.279133	2.06782	0.42144707	515.925387	1394.08358	0.26758321	2.08422205	0.30733038	2	1
1857.146	1189.146	0.457803	0.677889	525.704	1485.704	60.0704	0.290771	2.07003	0.44715693	518.21862	1411.84694	0.27925047	2.08639085	0.3194019	2	1
1857.299	1189.299	0.459795	0.695072	525.4644	1491.766	62.1629	0.285409	2.08935	0.44917596	517.997975	1418.10554	0.27391792	2.10566937	0.31385043	4	1
1857.451	1189.451	0.4615	0.693701	525.2872	1486.291	62.4319	0.277946	2.1155	0.45090782	517.839607	1412.82579	0.26648417	2.13177817	0.306111	4	1
1857.604	1189.604	0.458711	0.682418	520.2921	1468.224	63.9876	0.276895	2.11421	0.44814585	512.863461	1394.95527	0.26546262	2.1304467	0.30502381	1	1
1857.756	1189.756	0.461196	0.66992	519.1401	1462.668	61.144	0.280905	2.10561	0.45065771	511.730291	1389.5944	0.26950187	2.12180551	0.30919165	2	1
1857.908	1189.908	0.453754	0.65732	518.3656	1468.06	65.0851	0.281495	2.09198	0.44324256	510.97462	1395.18148	0.27012111	2.10813431	0.30980828	1	1
1858.061	1190.061	0.424893	0.653207	519.6718	1485.517	63.3348	0.270885	2.08173	0.41440859	512.299772	1412.83479	0.25954055	2.09784285	0.29878983	1	1
1858.213	1190.213	0.4508	0.6510058	521.5852	1493.81	60.16684	0.2852415	2.0762	0.44034244	514.232	1421.32275	0.27392629	2.09227166	0.31370302	2	1
1858.366	1190.366	0.450601	0.65709	523.9645	1494.523	55.9407	0.283756	2.08038	0.44017046	516.630251	1422.23194	0.27247023	2.0964102	0.312167	2	1
1858.518	1190.518	0.452399	0.6732925	525.2839	1489.16	55.88545	0.2770627	2.10348	0.44199531	517.968478	1417.06379	0.26580616	2.11946901	0.3052243	2	1
1858.67	1190.67	0.450819	0.680289	525.0476	1481.762	57.5639	0.273001	2.1136	0.44044216	517.751003	1409.86058	0.2617737	2.12954783	0.30100783	2	1
1858.823	1190.823	0.474144	0.659117	524.1549	1489.376	58.8012	0.286663	2.10891	0.46379418	516.877252	1417.6706	0.27546512	2.12481637	0.3151941	4	1
1858.975	1190.975	0.4766	0.638532	523.853	1493.81	60.7394	0.295022	2.0863	0.46627702	516.594177	1422.29928	0.28385335	2.10216519	0.32385441	1	1
1859.128	1191.128	0.442437	0.640199	526.3505	1498.444	62.4518	0.281867	2.07415	0.43214104	519.110624	1427.12918	0.27072777	2.08997374	0.31022932	2	1
1859.28	1191.28	0.460371	0.645591	528.2672	1497.509	60.3326	0.292219	2.06951	0.45010188	521.046147	1426.38875	0.281109	2.08529256	0.32096232	2	1
1859.432	1191.432	0.457703	0.650996	528.8644	1497.03	59.6737	0.290833	2.0697	0.44746072	521.662169	1426.10425	0.27975222	2.08544138	0.31953165	2	1
1859.585	1191.585	0.459595	0.659886	528.6872	1496.554	63.0731	0.2924	2.0678	0.44937973	521.503915	1425.82398	0.28134864	2.08349993	0.32115842	2	1
1859.737	1191.737	0.451906	0.668187	529.8195	1496.554	65.2557	0.289566	2.065	0.44171757	522.655036	1426.01838	0.27854385	2.08065876	0.31822821	1	1
1859.89	1191.89	0.466043	0.681578	534.3387	1496.554	63.9317	0.296998	2.06361	0.45588158	527.19318	1426.21399	0.28600526	2.07922732	0.32592452	1	1
1860.042	1192.042	0.460309	0.699072	541.2078	1491.549	59.5845	0.294156	2.0636	0.45017441	534.0811	1421.40327	0.28319248	2.07917615	0.32298892	6	1
1860.194	1192.194	0.435088	0.7094746	550.7155	1477.765	58.91993	0.2809316	2.0667	0.42498025	543.607619	1407.81349	0.26999729	2.08223498	0.30928928	2	1
1860.347	1192.347	0.427524	0.738453	557.1873	1445.816	60.6023	0.277802	2.0655	0.41744325	550.098361	1376.05994	0.26689709	2.08099354	0.3060447	2	1
1860.499	1192.499	0.4155	0.7848186	566.7574	1410.509	60.75194	0.2763573	2.0543	0.40544608	559.687278	1340.94705	0.26548159	2.06975238	0.30454848	2	1
1860.652	1192.652	0.401954	0.858776	578.5264	1377.463	61.0534	0.281693	2.02432	0.39192709	571.475219	1308.09638	0.27084669	2.03973094	0.31009253	9	2
1860.804	1192.804	0.391408	0.936935	591.3915	1360.039	60.7933	0.292226	1.98633	0.38140791	584.359135	1290.86637	0.28140889	2.00169978	0.32101321	8	2
1860.956	1192.956	0.34909	1.0535	595.9895	1357.65	60.8165	0.285319	1.96721	0.33911674	588.975951	1288.67131	0.27453109	1.98253862	0.31386206	8	2

1861.109	1193.109	0.33673	1.19188	588.9136	1371.687	61.8965	0.278341	1.97478	0.32678374	581.918989	1302.90347	0.26758248	1.99006719	0.3066263	8	2
1861.261	1193.261	0.3911	1.20568	569.5635	1411.224	61.0702	0.285568	2.003	0.38118056	562.587703	1342.63429	0.27483867	2.01824603	0.31412895	9	2
1861.414	1193.414	0.459182	1.01714	551.0633	1467.493	61.8316	0.304424	2.03181	0.44928956	544.106441	1399.09833	0.29372405	2.04701461	0.33364165	9	2
1861.566	1193.566	0.50942	0.819384	533.1309	1529.629	57.6867	0.320671	2.05936	0.49955438	526.192853	1461.42804	0.31000024	2.07452345	0.35039391	2	1
1861.718	1193.718	0.514309	0.70457	521.1027	1566.373	58.3602	0.319353	2.07221	0.5044702	514.183466	1498.3657	0.30871143	2.0873323	0.34904163	2	1
1861.871	1193.871	0.525274	0.656274	511.7033	1570.775	57.1833	0.32339	2.07868	0.5154622	504.803001	1502.96257	0.3127778	2.09376088	0.35320012	2	1
1862.023	1194.023	0.51	0.635033	503.6856	1543.098	61.342	0.312191	2.0883	0.50021501	496.804112	1475.47911	0.30160799	2.10333973	0.34167232	1	1
1862.176	1194.176	0.500837	0.6505624	496.1372	1505.297	59.53535	0.2992274	2.11529	0.491079	489.274645	1437.87287	0.28867376	2.13028831	0.32829484	1	1
1862.328	1194.328	0.474942	0.683845	490.0296	1466.781	63.2417	0.278941	2.13587	0.46521082	483.185855	1399.55029	0.26841653	2.15082717	0.30728427	1	1
1862.48	1194.48	0.448957	0.7004879	485.4775	1438.74	63.43277	0.2624907	2.14391	0.43925263	478.652563	1371.70267	0.25199541	2.15882603	0.29017703	3	1
1862.633	1194.633	0.422086	0.701598	481.024	1406.672	66.8929	0.247154	2.14819	0.41240862	474.217995	1339.82925	0.23668807	2.16306461	0.27416728	4	1
1862.785	1194.785	0.401	0.719885	475.5201	1380.912	64.5052	0.228484	2.1727	0.39134942	468.732903	1314.26251	0.21804724	2.18753347	0.25459182	1	1
1862.938	1194.938	0.398311	0.76213	471.1224	1349.055	62.8543	0.21714	2.20388	0.38868741	464.354133	1282.59998	0.2067326	2.21867207	0.24265055	1	1
1863.09	1195.09	0.400998	0.79827	470.5086	1320.548	61.9862	0.213995	2.21879	0.39140122	463.759139	1254.28613	0.20361676	2.23354093	0.23933628	1	1
1863.242	1195.242	0.448461	0.844424	476.3702	1315.671	63.1242	0.245977	2.19914	0.43889102	469.639544	1249.60222	0.23562793	2.21384979	0.27295335	4	1
1863.395	1195.395	0.486808	0.802333	486.0584	1340.036	65.1871	0.278803	2.1594	0.477265	479.346673	1274.16152	0.26848328	2.17406839	0.30717159	3	1
1863.547	1195.547	0.5141	0.700253	496.7017	1407.762	65.612	0.303255	2.1272	0.5045838	490.008777	1342.08049	0.29296444	2.14182726	0.33249533	1	1
1863.7	1195.7	0.489299	0.626312	504.785	1485.858	64.7347	0.292363	2.11704	0.47980978	498.111004	1420.37068	0.28210178	2.13162586	0.32123785	1	1
1863.852	1195.852	0.509368	0.591454	509.3469	1554.562	66.1207	0.303382	2.1173	0.49990558	502.691706	1489.26754	0.29314993	2.13184473	0.33263518	4	1
1864.004	1196.004	0.526001	0.577023	511.3226	1586.065	66.1472	0.312907	2.1168	0.51656538	504.686208	1520.96335	0.30270408	2.1313036	0.34246678	1	1
1864.157	1196.157	0.527197	0.5737076	511.8576	1592.845	68.45206	0.3149154	2.11201	0.51778836	505.240133	1527.93737	0.30474182	2.12647221	0.34454084	1	1
1864.309	1196.309	0.5405	0.569806	512.2186	1589.642	68.8051	0.322024	2.1138	0.53111815	505.619934	1524.92706	0.31187957	2.12822109	0.35186412	1	1
1864.462	1196.462	0.508229	0.5644006	512.4548	1582.747	70.2451	0.303785	2.1137	0.49887412	505.875057	1518.22597	0.2936699	2.12807969	0.33306875	1	1
1864.614	1196.614	0.522876	0.560207	512.8126	1593.325	70.1226	0.312474	2.112	0.51354792	506.251656	1528.99655	0.30238804	2.12633857	0.34203781	1	1
1864.766	1196.766	0.541464	0.559201	511.9167	1592.491	70.967	0.323337	2.11101	0.53216271	505.374555	1528.35507	0.31328018	2.12530746	0.35322783	1	1
1864.919	1196.919	0.581105	0.562994	511.0273	1583.219	71.542	0.345209	2.11609	0.57183067	504.504076	1519.27681	0.33518151	2.13034607	0.37568305	6	1
1865.071	1197.071	0.5656	0.568296	510.0688	1563.623	73.9137	0.334073	2.1237	0.55635246	503.564374	1499.87322	0.32407464	2.13791496	0.36426818	13	1
1865.224	1197.224	0.548568	0.577385	509.6521	1552.809	74.1615	0.323899	2.1243	0.53934743	503.166594	1489.25284	0.31392996	2.13847357	0.35381887	13	1
1865.376	1197.376	0.551997	0.5774	508.2212	1548.828	76.3575	0.325931	2.1242	0.54280321	501.75449	1485.46414	0.31599109	2.13833246	0.35591266	13	1
1865.528	1197.528	0.552397	0.5775	505.7696	1548.825	77.4375	0.325565	2.1265	0.54323	499.321685	1485.65339	0.31565422	2.14059135	0.35554068	13	1
1865.681	1197.681	0.550705	0.587284	503.9284	1549.065	80.4635	0.323925	2.12899	0.54156496	497.499403	1486.08684	0.31404353	2.14303997	0.35385857	13	1
1865.833	1197.833	0.4856	0.600878	504.1615	1549.065	81.4068	0.287249	2.1275	0.47648674	497.751296	1486.27897	0.27739665	2.14150887	0.31600213	13	1
1865.986	1197.986	0.480122	0.602198	507.3121	1548.589	82.4625	0.284873	2.12541	0.4710357	500.920813	1485.99631	0.27504996	2.13937749	0.31354364	13	1
1866.138	1198.138	0.421447	0.594806	511.5589	1543.101	82.1205	0.254154	2.1259	0.41238748	505.186406	1480.70033	0.24436008	2.13982639	0.28158504	13	1
1866.29	1198.29	0.4538	0.595699	513.4067	1526.597	82.2016	0.269995	2.128	0.44476726	507.052997	1464.38829	0.26023019	2.14188529	0.29810052	13	1
1866.443	1198.443	0.453301	0.6181027	509.2451	1487.46	83.28665	0.2697981	2.1278	0.44429521	502.910312	1425.44446	0.26006259	2.14164392	0.29790006	13	1
1866.595	1198.595	0.4656	0.644557	496.344	1418.625	81.7229	0.272415	2.1407	0.45662099	490.028002	1356.80132	0.2627086	2.15450282	0.30062617	13	1
1866.748	1198.748	0.432134	0.672377	476.554	1324.483	79.2093	0.246362	2.16729	0.42318194	470.256916	1262.85237	0.2366849	2.18105146	0.27345743	1	1
1866.9	1198.9	0.418721	0.722117	462.7141	1219.609	72.3741	0.229157	2.20025	0.40979571	456.435805	1158.17011	0.219509	2.21397036	0.25541866	4	1
1867.052	1199.052	0.426943	0.801233	457.87	1166.216	72.3354	0.231049	2.20918	0.41804448	451.610493	1104.9688	0.2214301	2.22285927	0.2574113	4	1
1867.205	1199.205	0.453536	0.828256	465.1198	1166.692	74.6837	0.24911	2.19823	0.44466443	458.879204	1105.63769	0.23952039	2.21186791	0.27634498	6	1
1867.357	1199.357	0.4937	0.772743	473.6101	1202.015	79.2631	0.278361	2.1756	0.4848552	467.388291	1141.15226	0.26880049	2.18919682	0.30682612	13	1
1867.51	1199.51	0.452565	0.723077	478.6609	1244.45	79.2202	0.250148	2.19253	0.44374714	472.458001	1183.78003	0.24061677	2.20608546	0.27743898	1	1
1867.662	1199.662	0.432931	0.694046	479.9934	1280.486	76.6335	0.227275	2.23493	0.42413991	473.809287	1220.00749	0.21777287	2.24844438	0.25346198	3	1
1867.814	1199.814	0.438638	0.676727	479.7572	1298.097	75.4569	0.218882	2.282	0.42987368	473.591872	1237.8099	0.20940896	2.29547329	0.24462924	4	1
1867.967	1199.967	0.462224	0.686884	479.6981	1304.155	73.6957	0.233158	2.2836	0.45348662	473.551679	1244.06051	0.22371423	2.29703194	0.25965283	3	1
1868.119	1200.119	0.4805	0.703786	480.8893	1304.414	75.1742	0.251405	2.2526	0.47178938	474.761663	1244.5108	0.24199032	2.26599086	0.2787703	3	1
1868.272	1200.272	0.480201	0.722869	482.9701	1302.511	74.7784	0.25917	2.21923	0.47151732	476.861369	1242.8003	0.24978459	2.23257951	0.28688139	3	1
1868.424	1200.424	0.488194	0.7356862	482.1431	1302.622	75.85699	0.2694407	2.19742	0.47953707	476.053152	1243.10248	0.26008437	2.21072843	0.297585	1	1
1868.576	1200.576	0.497084	0.730908	480.4693	1309.186	75.2145	0.276509	2.19031	0.48845383	474.398133	1249.8576	0.26718175	2.20357736	0.3049376	1	1
1868.729	1200.729	0.476849	0.732099	477.02	1310.259	74.7261	0.260415	2.20646	0.46824577	470.967738	1251.12293	0.25111701	2.21968601	0.28819286	3	1
1868.881	1200.881	0.4542	0.740287	479.1599	1314.677	73.056	0.24185	2.2267	0.44562352	473.126418	1255.73195	0.23258108	2.23988494	0.26879508	3	1
1869.034	1201.034	0.441551	0.755588	479.5176	1290.548	69.8731	0.233065	2.23198	0.43300145	473.503021	1231.79516	0.22382535	2.2451236	0.25958603	3	1
1869.186	1201.186	0.446392	0.760193	484.2829	1285.445	69.4361	0.246468	2.19326	0.43786921	478.2871	1226.88307	0.23725741	2.20636253	0.2736386	3	1
1869.338	1201.338	0.449707	0.751707	489.0121	1273.164	70.4893	0.259257	2.15587	0.44121096	483.035078	1214.79291	0.25007548	2.16893146	0.28700274	3	1
1869.491	1201.491	0.454089	0.762682	492.8749	1284.811	73.1847	0.26719	2.13754	0.44561988	486.916779	1226.63196	0.25803773	2.15056013	0.29527319	3	1
1869.643	1201.643	0.4761	0.773882	494.0794	1314.319	74.9082	0.278475	2.1396	0.46765763	488.140055	1256.3307	0.26935179	2.15257906	0.30700985	1	1
1869.796	1201.796	0.509466	0.723578	494.4338	1355.327	76.0971	0.296528	2.14199	0.50105056	488.513355	1297.53063	0.28743404	2.15492773	0.3257211	13	1

1869.948	1201.948	0.532064	0.668984	495.8648	1397.076	76.5993	0.310469	2.13871	0.5236753	489.96313	1339.47026	0.30140409	2.15160667	0.34012215	13	1
1870.1	1202.1	0.540978	0.641721	499.7539	1431.428	77.3391	0.317207	2.13288	0.53261605	493.871005	1374.01283	0.30817115	2.14573561	0.34707003	13	1
1870.253	1202.253	0.527144	0.652383	504.5061	1453.282	77.7901	0.311924	2.12273	0.51880897	498.642103	1396.0586	0.30291739	2.13554429	0.34163098	13	1
1870.405	1202.405	0.5154	0.6488959	507.8602	1475.55	78.22564	0.3069517	2.1166	0.50709171	502.014976	1418.51706	0.29797414	2.12937323	0.33650675	13	1
1870.558	1202.558	0.486914	0.640114	508.812	1495.281	75.5303	0.290394	2.11929	0.47863263	502.985672	1438.43972	0.28144567	2.13202191	0.3193949	13	1
1870.71	1202.71	0.46142	0.630308	509.3534	1497.148	74.0909	0.274796	2.12549	0.45316537	503.545844	1440.49707	0.26587672	2.13818086	0.30321887	1	1
1870.862	1202.862	0.433578	0.661748	511.444	1451.277	71.3557	0.262453	2.1191	0.42535011	505.655216	1394.81636	0.25356276	2.13174981	0.29037851	1	1
1871.015	1203.015	0.406565	0.73264	513.2261	1393.702	70.7911	0.250599	2.11521	0.39836402	507.45621	1337.43285	0.24173799	2.12781849	0.27801123	1	1
1871.167	1203.167	0.3725	0.793698	504.1615	1331.145	68.6853	0.218602	2.1611	0.36432575	498.41038	1275.06603	0.20977002	2.17366744	0.24443134	1	1
1871.32	1203.32	0.332759	0.834333	490.0164	1290.732	64.6551	0.169239	2.24915	0.32461166	484.284173	1234.84441	0.16043624	2.26167613	0.19199162	4	1
1871.472	1203.472	0.321019	0.857962	472.9209	1243.266	61.4456	0.139172	2.32378	0.3128984	467.207441	1187.56848	0.13039828	2.33626508	0.15958949	7	2
1871.624	1203.624	0.363568	0.85151	462.5697	1199.724	58.7458	0.165739	2.31476	0.35547413	456.875009	1144.2165	0.1569943	2.32720404	0.18824826	7	2
1871.777	1203.777	0.448895	0.81316	462.2744	1168.914	62.311	0.230236	2.26043	0.44082803	456.5986	1113.59771	0.22152052	2.27283273	0.25669371	4	1
1871.929	1203.929	0.469	0.759683	460.1837	1186.383	63.4721	0.256828	2.2026	0.46095976	454.526666	1131.25662	0.24814154	2.21496169	0.28454296	1	1
1872.082	1204.082	0.454259	0.728325	462.6813	1230.125	63.7164	0.25211	2.18895	0.44624567	457.043156	1175.18972	0.24345276	2.20127039	0.27962087	1	1
1872.234	1204.234	0.427144	0.70264	466.9216	1269.383	62.3531	0.235042	2.19589	0.41915739	461.302221	1214.63752	0.22641378	2.20816935	0.26175369	1	1
1872.386	1204.386	0.400743	0.6961946	474.4568	1282.127	62.74297	0.218871	2.20248	0.39278312	468.856186	1227.57126	0.21027179	2.21471832	0.24475023	1	1
1872.539	1204.539	0.427436	0.68332	480.9353	1300.788	62.9561	0.23757	2.18794	0.41950302	475.353573	1246.4232	0.229	2.20013702	0.26441451	1	1
1872.691	1204.691	0.4723	0.67071	484.8277	1312.051	62.8725	0.267762	2.1695	0.46439374	479.264736	1257.87583	0.25922101	2.18165599	0.29596019	3	1
1872.844	1204.844	0.498595	0.646838	482.7469	1320.965	62.2385	0.279995	2.18026	0.49071564	477.202822	1266.98065	0.27148321	2.19237469	0.30867912	1	1
1872.996	1204.996	0.485211	0.636808	481.3685	1303.712	63.1128	0.263351	2.21447	0.47735836	475.843184	1249.91717	0.25486821	2.22654366	0.29137538	3	1
1873.148	1205.148	0.470713	0.642691	481.1322	1284.834	62.1171	0.248837	2.23808	0.46288707	475.625645	1231.22864	0.24038322	2.25011264	0.27623047	4	1
1873.301	1205.301	0.478675	0.643798	482.3794	1280.558	61.4667	0.257309	2.22305	0.47087597	476.891729	1227.1433	0.24888441	2.23504134	0.28508422	4	1
1873.453	1205.453	0.4972	0.645597	482.6223	1292.957	62.6456	0.277583	2.1864	0.48942768	477.153389	1239.73165	0.26918741	2.19835032	0.30619236	1	1
1873.606	1205.606	0.488136	0.648795	482.1464	1303.298	63.1228	0.281694	2.15174	0.48039057	476.696371	1250.2632	0.2733276	2.16364903	0.31046392	1	1
1873.758	1205.758	0.451159	0.644806	482.4417	1306.675	63.3926	0.263796	2.14351	0.44344029	477.01043	1253.82945	0.25545859	2.15537801	0.29186081	3	1
1873.91	1205.91	0.463605	0.643802	486.3833	1307.168	64.7056	0.269896	2.1455	0.455913	480.970787	1254.51164	0.26158758	2.157327	0.29821561	3	1
1874.063	1206.063	0.469885	0.636806	490.7844	1318.11	67.1166	0.272653	2.14779	0.46221988	485.390768	1265.64402	0.26437376	2.15957571	0.30108719	3	1
1874.215	1206.215	0.5002	0.642691	495.1526	1343.078	69.3217	0.292198	2.1386	0.49256159	489.777724	1290.8011	0.28394775	2.1503447	0.32136668	4	1
1874.368	1206.368	0.471216	0.6427002	497.4696	1369.229	66.91843	0.280021	2.12555	0.46360448	492.113603	1317.14237	0.27179993	2.13725342	0.30874954	1	1
1874.52	1206.52	0.48947	0.6429	498.0144	1403.174	64.4642	0.293741	2.11272	0.48188518	492.677158	1351.27634	0.28554891	2.12438241	0.32297227	1	1
1874.672	1206.672	0.511583	0.6424	497.7781	1432.376	63.7406	0.307022	2.10892	0.50402489	492.459613	1380.66726	0.29885889	2.1205414	0.33670027	1	1
1874.825	1206.825	0.500826	0.6425	497.6567	1450.207	63.6017	0.298055	2.11928	0.49329477	492.35709	1398.68837	0.28992106	2.13086012	0.32744292	1	1
1874.977	1206.977	0.5007	0.6426	499.3272	1458.005	65.3439	0.291809	2.141	0.49319547	494.046343	1406.67518	0.28370403	2.15253912	0.32098564	1	1
1875.13	1207.13	0.48825	0.643598	500.3971	1454.083	66.1492	0.28153	2.15255	0.48077234	495.135119	1402.94317	0.27345419	2.16404785	0.31033716	1	1
1875.282	1207.282	0.526738	0.645197	500.8796	1442.392	66.4096	0.306279	2.14282	0.51928704	495.63637	1391.44087	0.29823217	2.15427685	0.33595078	1	1
1875.434	1207.434	0.494524	0.641406	499.8064	1426.738	66.975	0.291747	2.129	0.48709974	494.581921	1375.97552	0.28372913	2.14041585	0.32093444	1	1
1875.587	1207.587	0.509353	0.63531	499.3305	1425.432	66.948	0.300567	2.12721	0.50195561	494.124895	1374.85935	0.29257829	2.13858458	0.33006082	1	1
1875.739	1207.739	0.514	0.638395	499.7473	1441.536	67.2165	0.302837	2.1285	0.50662931	494.560444	1391.15188	0.29487725	2.13983358	0.33241011	1	1
1875.892	1207.892	0.546669	0.635405	500.8763	1457.584	65.1451	0.324342	2.11844	0.53932518	495.708317	1407.3896	0.3164114	2.12973232	0.3545762	6	1
1876.044	1208.044	0.532212	0.608621	502.1923	1467.427	64.1185	0.319992	2.10401	0.52489487	497.043065	1417.42103	0.31209036	2.11526133	0.3501053	6	1
1876.196	1208.196	0.503612	0.595321	501.1192	1452.022	66.1728	0.30461	2.1021	0.49632156	495.988713	1402.2044	0.29673732	2.11331033	0.33425385	4	1
1876.349	1208.349	0.518365	0.6190003	499.7505	1430.371	65.91702	0.3112075	2.10749	0.51110143	494.638883	1380.74295	0.30336396	2.11865908	0.34106489	4	1
1876.501	1208.501	0.5007	0.64356	498.6117	1419.34	69.5622	0.300629	2.1102	0.49346312	493.518829	1369.90022	0.29281441	2.12132809	0.33015077	1	1
1876.654	1208.654	0.499505	0.653292	498.3164	1420.646	67.7721	0.300676	2.10781	0.49229498	493.242398	1371.39566	0.29289055	2.11889683	0.33020367	1	1
1876.806	1208.806	0.517172	0.66558	497.4795	1428.992	68.8521	0.310288	2.1084	0.50998867	492.424243	1379.92982	0.3025315	2.11944585	0.3401297	1	1
1876.958	1208.958	0.561554	0.674393	495.146	1422.045	66.9836	0.334431	2.1131	0.55439735	490.109487	1373.17091	0.32670344	2.12410487	0.36497113	6	1
1877.111	1209.111	0.532669	0.68678	491.9364	1397.916	68.2843	0.317811	2.1128	0.52553921	486.918754	1349.2312	0.31011257	2.12376361	0.34789021	1	1
1877.263	1209.263	0.5202	0.694288	488.5297	1371.126	68.1239	0.312554	2.1064	0.51309689	483.530797	1322.62919	0.30488451	2.11732264	0.34247879	1	1
1877.416	1209.416	0.493407	0.701389	487.2793	1362.09	66.8224	0.299262	2.10142	0.48633075	482.299262	1313.78236	0.29162164	2.11230139	0.32876402	1	1
1877.568	1209.568	0.473132	0.71358	487.9291	1367.893	65.507	0.287776	2.1036	0.46608243	482.967804	1319.77324	0.28016457	2.11444041	0.31688243	1	1
1877.72	1209.72	0.470288	0.719391	490.7975	1392.392	68.1745	0.28422	2.11021	0.46326511	485.854944	1344.46007	0.2766375	2.12100944	0.31320095	1	1
1877.873	1209.873	0.525324	0.687051	492.6977	1406.882	66.814	0.31261	2.11648	0.51832796	487.774008	1359.13908	0.30505662	2.1272382	0.34255374	1	1
1878.025	1210.025	0.5147	0.650928	493.8398	1413.732	64.3167	0.30609	2.1183	0.50773064	488.934847	1366.17679	0.29856555	2.12901722	0.33583332	1	1
1878.178	1210.178	0.495278	0.635624	494.2567	1393.285	60.288	0.295271	2.1183	0.48833549	489.370609	1345.91869	0.28777566	2.12897599	0.32465897	4	1
1878.33	1210.33	0.486007	0.6422997	494.7916	1369.235	60.40131	0.2904384	2.1175	0.47909116	489.924247	1322.0563	0.28297198	2.12813502	0.31966175	4	1
1878.482	1210.482	0.502913	0.648091	496.1076	1355.973	62.6527	0.298402	2.1221	0.49602383	491.258985	1308.98186	0.2909645	2.13269405	0.32790527	4	1
1878.635	1210.635	0.518662	0.639907	496.0486	1359.301	64.7632	0.306903	2.1234	0.51179967	491.218845	1312.49859	0.29949461	2.13395282	0.33668957	1	1

1878.787	1210.787	0.539	0.638402	496.8231	1373.154	63.9558	0.319888	2.1185	0.53216434	492.012081	1326.53904	0.31250853	2.12901186	0.35007562	1	1
1878.94	1210.94	0.537804	0.641797	497.834	1392.425	63.4207	0.322	2.10823	0.53099519	493.041839	1345.99867	0.31464963	2.11870063	0.35225319	1	1
1879.092	1211.092	0.546885	0.642299	498.5527	1401.661	61.487	0.328412	2.10381	0.54010285	493.779274	1355.42201	0.32109054	2.11423967	0.35885001	1	1
1879.244	1211.244	0.504096	0.644696	498.9695	1406.456	61.8056	0.302409	2.11052	0.49734052	494.214808	1360.40429	0.29511645	2.12090871	0.33206725	1	1
1879.397	1211.397	0.499611	0.6448998	499.3272	1411.926	61.32489	0.2940347	2.13095	0.49288236	494.591365	1366.06275	0.28677124	2.14129748	0.32341448	4	1
1879.549	1211.549	0.4583	0.644101	499.8064	1420.531	60.6426	0.26609	2.1486	0.45159802	495.089297	1374.85493	0.25885544	2.15890653	0.29441536	1	1
1879.702	1211.702	0.481407	0.636812	499.5077	1431.825	61.0836	0.275755	2.15936	0.47473185	494.809453	1386.33729	0.26854953	2.16962531	0.30447159	1	1
1879.854	1211.854	0.489986	0.625718	497.8405	1430.561	61.893	0.283392	2.14942	0.48333751	493.160984	1385.26035	0.27621543	2.15964436	0.3124029	4	1
1880.006	1212.006	0.500183	0.630596	495.2084	1412.622	66.3081	0.293038	2.13558	0.49356117	490.547615	1367.50837	0.28589033	2.14576341	0.32240035	4	1
1880.159	1212.159	0.489534	0.645176	493.784	1392.196	67.582	0.290897	2.12244	0.482939	489.142068	1347.27056	0.28377841	2.13258219	0.32018844	4	1
1880.311	1212.311	0.5144	0.6560907	492.7633	1370.886	68.68253	0.3047386	2.1225	0.50783166	488.140097	1326.14747	0.2976489	2.13260125	0.33450297	1	1
1880.464	1212.464	0.517388	0.655701	493.1801	1368.986	67.5959	0.304276	2.13027	0.51084649	488.575749	1324.43555	0.29721538	2.14033003	0.33402969	1	1
1880.616	1212.616	0.533587	0.656399	493.6593	1379.114	67.5807	0.313321	2.1313	0.52707214	489.073677	1334.75035	0.30628926	2.14131909	0.3433639	1	1
1880.768	1212.768	0.5227	0.659096	495.809	1397.752	69.2525	0.310486	2.11876	0.51621179	491.242104	1353.57509	0.30348315	2.12873815	0.34044573	1	1
1880.921	1212.921	0.522999	0.657102	496.7608	1405.595	67.2704	0.317338	2.09516	0.51653762	492.212754	1361.60601	0.31036422	2.10509694	0.34751057	1	1
1881.073	1213.073	0.5296	0.642423	497.299	1406.688	68.069	0.329327	2.0666	0.52316527	492.76968	1362.88565	0.3223821	2.076496	0.35984579	6	1
1881.226	1213.226	0.526911	0.631717	498.0735	1407.283	65.2588	0.328069	2.0659	0.52050309	493.563028	1363.66846	0.32115316	2.0757548	0.35855755	4	1
1881.378	1213.378	0.534588	0.6370866	499.209	1417.296	65.91788	0.3291112	2.07668	0.52820674	494.717253	1373.86799	0.32222423	2.08649387	0.35963266	6	1
1881.53	1213.53	0.514327	0.640195	500.2823	1437.368	64.3584	0.307438	2.11281	0.50797238	495.809277	1394.12647	0.30057991	2.12258293	0.33732333	4	1
1881.683	1213.683	0.548518	0.6330017	500.0459	1448.195	61.39817	0.3228762	2.12806	0.5421902	495.591723	1405.14112	0.31604716	2.13779173	0.35323173	1	1
1881.835	1213.835	0.5364	0.627708	498.9104	1446.669	59.112	0.314399	2.1334	0.53009884	494.474945	1403.80149	0.30759883	2.1430908	0.34450906	4	1
1881.988	1213.988	0.492077	0.623703	498.9104	1436.446	57.589	0.292967	2.12015	0.48580266	494.49379	1393.76603	0.28619588	2.12979961	0.32238296	4	1
1882.14	1214.14	0.506077	0.624399	500.7581	1417.936	57.6932	0.305778	2.10273	0.4998293	496.360212	1375.44229	0.29903575	2.11233868	0.3356275	1	1
1882.292	1214.292	0.542155	0.6195007	504.4667	1407.647	59.65216	0.3286873	2.093	0.53593393	500.087532	1365.3395	0.32197391	2.10256776	0.35922281	1	1
1882.445	1214.445	0.514267	0.615407	507.7355	1408.717	61.2216	0.312844	2.094	0.50807275	503.375175	1366.59688	0.30615965	2.10352657	0.34292384	4	1
1882.597	1214.597	0.5082	0.609904	508.2803	1418.146	64.8016	0.307687	2.1002	0.50203238	503.938694	1376.21198	0.30103151	2.10968565	0.33761033	4	1
1882.75	1214.75	0.498838	0.608402	506.4359	1437.522	63.9043	0.300499	2.10717	0.49269719	502.113136	1395.77525	0.29387255	2.11661446	0.33019315	4	1
1882.902	1214.902	0.502997	0.607501	504.8802	1447.138	62.8307	0.303801	2.1037	0.49688282	500.576153	1405.57724	0.2972034	2.11310354	0.33360807	1	1
1883.054	1215.054	0.519815	0.596517	504.9393	1453.83	64.1291	0.314607	2.09849	0.51372745	500.653971	1412.45518	0.30803824	2.10785263	0.34475768	4	1
1883.207	1215.207	0.591769	0.59031	504.9984	1454.664	67.0899	0.357864	2.09122	0.58570826	500.73191	1413.47629	0.35132428	2.10054144	0.38914485	6	1
1883.359	1215.359	0.5684	0.5846135	504.5782	1454.545	72.202	0.3472865	2.0799	0.56236589	500.330426	1413.54312	0.34077562	2.08918053	0.37832908	6	1
1883.512	1215.512	0.582045	0.578909	502.7371	1453.118	69.6491	0.35702	2.07293	0.57603769	498.508164	1412.30312	0.35053815	2.08216935	0.38829076	6	1
1883.664	1215.664	0.540833	0.5767019	505.5333	1453.59	71.10216	0.3346841	2.0694	0.53485232	501.323078	1412.96085	0.32823109	2.07859844	0.36541917	6	1
1883.816	1215.816	0.547085	0.5766	509.7736	1467.338	68.8082	0.336045	2.0768	0.54113094	505.582092	1426.89452	0.32962082	2.08595754	0.36681991	6	1
1883.969	1215.969	0.528445	0.574502	514.2369	1498.149	71.6006	0.324258	2.08169	0.52251774	510.064228	1457.89236	0.31786284	2.09080636	0.35471709	13	1
1884.121	1216.121	0.5681	0.570207	516.4556	1558.014	69.571	0.345556	2.0856	0.56219936	512.301641	1517.94293	0.33918967	2.09467546	0.37657826	6	1
1884.274	1216.274	0.555152	0.567102	517.2268	1582.74	69.2921	0.338139	2.0856	0.54927816	513.091675	1542.85566	0.33180169	2.09463429	0.36898078	1	1
1884.426	1216.426	0.568079	0.565403	517.3482	1584.864	68.8053	0.346928	2.08051	0.56223178	513.231786	1545.16512	0.34061952	2.08950339	0.37799183	1	1
1884.578	1216.578	0.546904	0.562303	517.3482	1570.427	68.5601	0.334894	2.08051	0.5410834	513.250497	1530.91352	0.32861434	2.08946249	0.36566019	1	1
1884.731	1216.731	0.549594	0.559005	517.4697	1570.666	69.1874	0.335431	2.08399	0.54380019	513.390829	1531.3391	0.32918035	2.09290132	0.36621553	1	1
1884.883	1216.883	0.5356	0.555902	517.7059	1581.405	69.1265	0.323705	2.0976	0.5298328	513.645738	1542.2634	0.31748317	2.10647043	0.35417406	1	1
1885.036	1217.036	0.60054	0.552505	517.9456	1579.862	69.94	0.36141	2.0977	0.59479959	513.90427	1540.90686	0.35521717	2.10652926	0.39281863	6	1
1885.188	1217.188	0.56975	0.552001	517.8274	1572.11	67.9306	0.346798	2.08452	0.5640362	513.804777	1533.34005	0.34063399	2.09330837	0.37788001	1	1
1885.34	1217.34	0.601219	0.5506032	517.2301	1569.37	66.84687	0.3687084	2.0708	0.59553182	513.226184	1530.78519	0.3625732	2.07954748	0.40027646	6	1
1885.493	1217.493	0.550463	0.549901	517.2301	1579.941	65.1223	0.340215	2.06881	0.5448026	513.245014	1541.54249	0.3341088	2.07751632	0.37114364	4	1
1885.645	1217.645	0.5434	0.5517977	517.0528	1588.09	65.15324	0.3326082	2.0816	0.53776621	513.086419	1549.87653	0.3265308	2.09026544	0.36334381	4	1
1885.798	1217.798	0.533241	0.550203	516.577	1590.112	66.9537	0.324171	2.09126	0.52763399	512.629447	1552.08472	0.3181226	2.09988428	0.35467895	1	1
1885.95	1217.95	0.540994	0.546503	515.1428	1587.138	68.1031	0.32883	2.0902	0.5354136	511.213951	1549.29565	0.3228104	2.0987834	0.35947202	1	1
1886.102	1218.102	0.566592	0.551791	513.3509	1580.578	67.9292	0.345561	2.08239	0.5610382	509.440755	1542.92052	0.3395702	2.09093252	0.37663874	1	1
1886.255	1218.255	0.556025	0.553798	511.9823	1588.667	66.6944	0.343637	2.06774	0.55049798	508.090981	1551.19556	0.33767518	2.07624137	0.3746721	1	1
1886.407	1218.407	0.576	0.552901	511.9199	1587.493	69.2259	0.357651	2.058	0.57049958	508.047283	1550.20633	0.35171798	2.06646049	0.38901642	6	1
1886.56	1218.56	0.566538	0.559695	512.6912	1581.789	69.268	0.351881	2.05949	0.56106436	508.837408	1544.68826	0.34597696	2.06790934	0.38312079	6	1
1886.712	1218.712	0.546732	0.566289	512.934	1563.535	70.341	0.334865	2.08027	0.54128496	509.098908	1526.61892	0.32898975	2.08864847	0.36569016	1	1
1886.864	1218.864	0.489086	0.573294	511.618	1548.326	68.4593	0.294846	2.10834	0.48366556	507.801609	1511.59453	0.28899953	2.11667759	0.32446484	4	1
1887.017	1219.017	0.480122	0.57939	509.7145	1533.705	72.3818	0.283436	2.13025	0.47472833	505.916931	1497.1593	0.27761851	2.13854645	0.3126514	1	1
1887.169	1219.169	0.4741	0.581796	508.638	1517.558	73.0182	0.278293	2.1365	0.46873292	504.85913	1481.1968	0.27250429	2.14475558	0.3073192	1	1
1887.322	1219.322	0.472606	0.5877852	507.7453	1501.867	71.09654	0.2805792	2.12614	0.46726569	503.985251	1465.69146	0.27481946	2.13435445	0.3096965	1	1
1887.474	1219.474	0.482983	0.588699	506.3735	1485.72	69.2193	0.290379	2.11222	0.47766928	502.632148	1449.72886	0.28464803	2.12039358	0.3198589	1	1

1887.626	1219.626	0.475194	0.5872063	502.783	1461.555	66.79963	0.289351	2.10202	0.46990687	499.060345	1425.7482	0.28364881	2.11015271	0.31879863	1	1
1887.779	1219.779	0.471512	0.593889	498.0899	1442.317	68.8362	0.284385	2.11177	0.46625164	494.386064	1406.6957	0.27871177	2.11986158	0.31365697	1	1
1887.931	1219.931	0.4333	0.616482	494.2567	1426.62	69.0113	0.260641	2.1242	0.42806623	490.57156	1391.18294	0.25499654	2.13225072	0.28897676	1	1
1888.084	1220.084	0.432802	0.646351	494.2567	1433.393	70.9919	0.255649	2.13884	0.42759499	490.590378	1398.14134	0.2500335	2.14684959	0.28377379	1	1
1888.236	1220.236	0.463475	0.657191	497.5353	1457.27	69.8915	0.272046	2.1381	0.45829458	493.887672	1422.20247	0.26645926	2.14606873	0.30085904	1	1
1888.388	1220.388	0.47437	0.628844	502.1956	1484.755	70.1315	0.282279	2.12367	0.46921616	498.566665	1449.87155	0.27672103	2.13159788	0.31149015	1	1
1888.541	1220.541	0.518295	0.592228	504.5159	1496.048	70.1829	0.312333	2.10345	0.51316792	500.905781	1461.34979	0.30680398	2.11133675	0.34256856	13	1
1888.693	1220.693	0.5	0.573929	505.297	1500.732	69.5477	0.305269	2.0933	0.4948995	501.705573	1466.21776	0.29976873	2.1011459	0.33528665	4	1
1888.846	1220.846	0.51255	0.577095	505.0574	1501.326	67.9464	0.313369	2.08902	0.50747626	501.484787	1466.99689	0.30789768	2.09682478	0.34364482	4	1
1888.998	1220.998	0.500819	0.586685	504.6997	1496.682	67.2688	0.307159	2.0885	0.49577184	501.145778	1462.53676	0.30171643	2.09626393	0.33724569	4	1
1889.15	1221.15	0.517908	0.595186	504.8179	1490.939	68.8414	0.317371	2.0854	0.51288741	501.282668	1456.97757	0.31195718	2.09312308	0.34777576	1	1
1889.303	1221.303	0.527976	0.6000881	505.5333	1482.967	69.76046	0.3225119	2.0868	0.52298217	502.01688	1449.19055	0.31712702	2.09448196	0.35307082	6	1
1889.455	1221.455	0.542	0.605092	506.3702	1490.824	70.6118	0.327692	2.0963	0.53703274	502.872469	1457.23126	0.32233587	2.10394112	0.35840084	6	1
1889.608	1221.608	0.525566	0.6064984	506.4884	1496.413	72.38774	0.316278	2.10387	0.52062549	503.00948	1463.00512	0.3109508	2.11147001	0.34666304	13	1
1889.76	1221.76	0.515017	0.605701	505.7729	1495.481	75.5583	0.310119	2.1048	0.51010306	502.312667	1462.25673	0.30482054	2.11235917	0.34032027	13	1
1889.912	1221.912	0.504694	0.604401	504.8802	1487.105	76.9168	0.306092	2.09909	0.49980663	501.438654	1454.06428	0.30082228	2.10660833	0.33617032	13	1
1890.065	1222.065	0.500809	0.605698	506.3078	1474.982	75.9199	0.305074	2.09541	0.49594838	502.885063	1442.12599	0.2998332	2.10288722	0.33512391	13	1
1890.217	1222.217	0.5024	0.607598	508.6971	1481.04	74.5646	0.30606	2.095	0.49756595	505.293048	1448.36743	0.30084794	2.10243638	0.33614586	13	1
1890.37	1222.37	0.538456	0.606302	510.7188	1505.051	74.1775	0.325629	2.09649	0.53364869	507.333555	1472.56304	0.32044586	2.10388528	0.35630607	13	1
1890.522	1222.522	0.52601	0.603902	511.1421	1532.931	71.0916	0.31823	2.0979	0.52122926	507.775539	1500.62638	0.31307559	2.10525444	0.34869861	1	1
1890.674	1222.674	0.464877	0.584531	510.4266	1544.05	68.2625	0.279032	2.11772	0.46012282	507.078723	1511.92867	0.27390631	2.12503361	0.30818545	1	1
1890.827	1222.827	0.450446	0.567527	509.2386	1542.268	66.0913	0.267903	2.12906	0.44571856	505.909528	1510.33111	0.26280623	2.13633251	0.29662289	4	1
1890.979	1222.979	0.4883	0.571194	508.8776	1531.88	68.9195	0.289204	2.1259	0.48359912	505.56721	1500.1263	0.28413595	2.13313169	0.31874092	1	1
1891.132	1223.132	0.534515	0.573596	509.1139	1536.633	70.5575	0.324976	2.09094	0.52984086	505.822314	1505.06363	0.31993686	2.09813059	0.35565605	1	1
1891.284	1223.284	0.572839	0.5714057	510.0688	1540.466	71.62064	0.3521433	2.07133	0.56819142	506.795895	1509.07971	0.34713287	2.07847977	0.3835207	6	1
1891.436	1223.436	0.59089	0.570601	510.5481	1548.231	72.8434	0.361852	2.07402	0.58626897	507.293875	1517.02774	0.35687029	2.08112894	0.39344807	6	1
1891.589	1223.589	0.57833	0.5649016	510.7844	1552.038	71.93851	0.3482121	2.09794	0.5737357	507.548977	1521.01892	0.34325929	2.10500785	0.3795063	6	1
1891.741	1223.741	0.5677	0.560707	510.9058	1552.645	69.706	0.337108	2.1167	0.56313226	507.689055	1521.80884	0.3321839	2.12372703	0.36813194	6	1
1891.894	1223.894	0.530748	0.562898	511.1421	1552.763	68.9671	0.314114	2.12228	0.52620699	507.944156	1522.11092	0.3092188	2.12926594	0.34449793	1	1
1892.046	1224.046	0.518919	0.561402	511.6213	1553.121	68.749	0.308665	2.11761	0.51440454	508.442033	1522.65174	0.3037985	2.12455513	0.33888486	1	1
1892.198	1224.198	0.50646	0.550509	511.7394	1553.361	70.5588	0.304742	2.10699	0.50197209	508.57881	1523.0745	0.29990421	2.11389431	0.33484108	1	1
1892.351	1224.351	0.54401	0.540416	511.6213	1553.125	70.5025	0.327449	2.10131	0.53954882	508.479508	1523.02242	0.32264009	2.10817323	0.35823207	1	1
1892.503	1224.503	0.5546	0.543697	511.2635	1552.406	72.3433	0.332157	2.1064	0.55016537	508.140383	1522.48608	0.32737679	2.11322242	0.36307227	6	1
1892.656	1224.656	0.561771	0.551088	511.2635	1552.524	72.8685	0.335848	2.10819	0.55736309	508.159181	1522.78789	0.33109668	2.11497134	0.36686483	6	1
1892.808	1224.808	0.566792	0.556391	511.7394	1553.955	70.7838	0.339539	2.1053	0.56241063	508.653755	1524.40145	0.33481637	2.11204053	0.37065475	6	1
1892.96	1224.96	0.577034	0.553704	512.1004	1555.632	70.7526	0.348789	2.09288	0.57267918	509.033428	1526.26096	0.34409506	2.09957973	0.38013497	6	1
1893.113	1225.113	0.535932	0.547909	512.4548	1557.174	69.7656	0.327913	2.08343	0.5316039	509.406623	1527.98661	0.32324794	2.09008865	0.35873015	1	1
1893.265	1225.265	0.5167	0.5453061	512.2186	1556.583	72.72583	0.3159816	2.0879	0.51239844	509.189095	1527.57801	0.31134522	2.09451785	0.34646018	13	1
1893.418	1225.418	0.485326	0.548495	512.1004	1555.395	73.7685	0.293667	2.10553	0.48105115	509.089689	1526.57356	0.2890595	2.11210678	0.32342958	1	1
1893.57	1225.57	0.519373	0.5527987	511.9789	1554.913	73.36734	0.3072106	2.12369	0.51512469	508.986859	1526.27386	0.30263178	2.13022598	0.3374272	13	1
1893.722	1225.722	0.485619	0.554996	511.9789	1555.271	69.8011	0.286791	2.1291	0.48139723	509.005529	1526.8141	0.28224086	2.13559518	0.31631838	1	1
1893.875	1225.875	0.509443	0.555899	511.9789	1554.795	68.0847	0.301461	2.12421	0.50524794	509.024321	1526.52149	0.29693972	2.13066412	0.33150006	1	1
1894.027	1226.027	0.4937	0.558895	511.3226	1548.467	69.3434	0.294903	2.1166	0.48953148	508.386689	1520.37563	0.2904104	2.12301332	0.32472538	1	1
1894.18	1226.18	0.500473	0.565495	508.9465	1532.064	70.1831	0.300935	2.10873	0.49633119	506.02938	1504.15592	0.29647126	2.11510226	0.33096524	1	1
1894.332	1226.332	0.491814	0.574485	503.6331	1492.678	69.7612	0.29562	2.1107	0.48769872	500.734647	1464.95196	0.29118492	2.11703147	0.32547556	1	1
1894.484	1226.484	0.43067	0.590087	497.2333	1443.367	69.1925	0.259181	2.12461	0.42658125	494.353513	1415.82294	0.25477459	2.13090068	0.28764028	1	1
1894.637	1226.637	0.411845	0.622447	493.6692	1393.8	68.4271	0.247762	2.13088	0.40778296	490.808202	1366.43907	0.24338444	2.13712962	0.27571986	1	1
1894.789	1226.789	0.4329	0.660637	495.0312	1386.639	67.6047	0.259786	2.1262	0.42886448	492.188867	1359.45996	0.25543711	2.13240883	0.28827977	1	1
1894.942	1226.942	0.460689	0.651814	500.2625	1415.523	69.3821	0.279137	2.11036	0.45668019	497.438954	1388.52698	0.27481695	2.11652778	0.3084148	1	1
1895.094	1227.094	0.527493	0.611962	506.4195	1467.112	74.7554	0.317244	2.10431	0.52351071	503.614617	1440.29776	0.31295261	2.110437	0.34781134	13	1
1895.246	1227.246	0.563252	0.5776797	511.2668	1504.591	80.44684	0.3391334	2.09899	0.55929624	508.48058	1477.95848	0.33487067	2.10507622	0.37030675	13	1
1895.399	1227.399	0.595596	0.567017	513.8201	1530.246	83.6285	0.358925	2.09591	0.59166693	511.052666	1503.79635	0.35469111	2.10195517	0.39056817	13	1
1895.551	1227.551	0.5497	0.5634983	514.9622	1537.847	84.63888	0.3340425	2.0892	0.54579746	512.213427	1511.57898	0.32983726	2.09520439	0.36509274	13	1
1895.704	1227.704	0.556174	0.557609	514.8441	1533.567	84.738	0.33836	2.08691	0.55229815	512.114111	1507.48174	0.33418359	2.09287335	0.36952641	13	1
1895.856	1227.856	0.552103	0.554802	514.2468	1518.763	84.2467	0.335297	2.0896	0.54825367	511.535471	1492.85926	0.33114924	2.09552257	0.36638861	13	1
1896.008	1228.008	0.563304	0.558195	513.6495	1508.842	84.1382	0.339124	2.09921	0.55948119	510.956831	1483.11973	0.33500488	2.1050918	0.3703183	13	1
1896.161	1228.161	0.568388	0.565594	514.2435	1501.703	83.8684	0.339098	2.11057	0.56459188	511.569613	1476.16334	0.33500771	2.11641076	0.3702959	13	1
1896.313	1228.313	0.5705	0.574186	514.1877	1495.123	81.8131	0.338148	2.1191	0.5667304	511.532471	1469.7647	0.33408635	2.12489999	0.36932594	13	1

1896.466	1228.466	0.567111	0.585891	511.2734	1479.419	79.4311	0.336425	2.118	0.56336808	508.636951	1454.2432	0.33239217	2.12375895	0.3675629	13	1
1896.618	1228.618	0.531557	0.582905	503.0424	1435.52	73.615	0.318115	2.10941	0.5278406	500.424608	1410.52546	0.31411081	2.11512818	0.34875066	13	1
1896.77	1228.77	0.478869	0.575412	490.43	1366.282	68.1563	0.292792	2.0972	0.47517911	487.830864	1341.46867	0.28881644	2.10287742	0.32261827	1	1
1896.923	1228.923	0.440791	0.631206	479.7834	1279.56	60.9848	0.275195	2.09151	0.43712779	477.203043	1254.92902	0.27124825	2.09714639	0.3043771	2	1
1897.075	1229.075	0.4277	0.699086	475.1624	1217.292	58.5146	0.26939	2.0899	0.4240633	472.600698	1192.84213	0.26547188	2.09549563	0.29834661	2	1
1897.228	1229.228	0.453397	0.754254	476.8855	1205.287	61.647	0.282752	2.08761	0.44978698	474.342575	1181.01937	0.27886269	2.0931646	0.31222987	1	1
1897.38	1229.38	0.472769	0.741021	477.9652	1211.434	67.0002	0.295337	2.07911	0.46918549	475.440928	1187.34737	0.29147631	2.08462384	0.32526837	1	1
1897.532	1229.532	0.480057	0.7212235	475.3331	1218.576	67.76215	0.3024786	2.06849	0.4765	472.827481	1194.67032	0.29864653	2.07396308	0.33265356	2	1
1897.685	1229.685	0.453286	0.730585	470.5219	1200.404	62.7051	0.290808	2.06332	0.44975567	468.035056	1176.68041	0.28700474	2.06875206	0.32059036	1	1
1897.837	1229.837	0.4315	0.763973	465.914	1173.853	60.3252	0.278466	2.0689	0.42799618	463.445807	1150.31026	0.27469135	2.07429131	0.30779976	4	1
1897.99	1229.99	0.43638	0.80044	463.1211	1153.288	58.8586	0.279324	2.07308	0.43290285	460.671681	1129.92725	0.27557815	2.07843029	0.30869468	4	1
1898.142	1230.142	0.428007	0.803298	462.5731	1142.832	59.5223	0.27578	2.0719	0.42455635	460.142331	1119.65199	0.27206276	2.07720954	0.30501913	4	1
1898.294	1230.294	0.407139	0.808392	464.8441	1138.911	58.9951	0.267884	2.0674	0.40371485	462.431981	1115.91169	0.26419537	2.07266879	0.29681404	1	1
1898.447	1230.447	0.431342	0.810498	469.0647	1155.195	62.2033	0.279229	2.0665	0.42794452	466.671352	1132.37752	0.27556916	2.07172777	0.30860893	1	1
1898.599	1230.599	0.4852	0.799817	473.1933	1177.91	65.509	0.304813	2.0695	0.48182901	470.8186	1155.27311	0.30118176	2.07468703	0.33509364	2	1
1898.752	1230.752	0.499144	0.779233	475.9862	1216.423	66.7533	0.310582	2.07438	0.49579968	473.63027	1193.96783	0.30697955	2.07952602	0.34104937	2	1
1898.904	1230.904	0.50529	0.760729	477.6075	1251.963	64.7344	0.309491	2.08878	0.50197218	475.270217	1229.68832	0.30591715	2.09388528	0.33992865	2	1
1899.056	1231.056	0.480105	0.740632	482.7437	1291.421	63.8884	0.290359	2.10721	0.47681367	480.425063	1269.32676	0.28681374	2.11227454	0.32016394	1	1
1899.209	1231.209	0.486784	0.729009	486.8461	1312.356	62.5356	0.28956	2.12186	0.48351933	484.546231	1290.44333	0.28604352	2.12688353	0.31934088	1	1
1899.361	1231.361	0.4758	0.722311	489.6029	1328.878	62.0187	0.282259	2.1263	0.47256182	487.321676	1307.14567	0.27877111	2.13128279	0.31177847	1	1
1899.514	1231.514	0.486358	0.7164021	491.2077	1320.44	60.84722	0.2889988	2.12301	0.48314648	488.945243	1298.88914	0.28553969	2.12795179	0.31876824	1	1
1899.666	1231.666	0.512957	0.712806	492.7043	1303.961	59.3725	0.303756	2.1231	0.50977197	490.460486	1282.59037	0.30032548	2.12800106	0.33403228	1	1
1899.818	1231.818	0.502546	0.7124	495.215	1290.299	60.1666	0.297394	2.12491	0.49938745	492.989829	1269.10855	0.29399206	2.12977033	0.32746371	1	1
1899.971	1231.971	0.531331	0.7123	496.7574	1271.401	59.6087	0.312687	2.12879	0.52819911	494.550994	1250.39186	0.30931383	2.13360933	0.34325322	2	1
1900.123	1232.123	0.5232	0.713399	497.4204	1292.238	60.2242	0.307133	2.132	0.52009459	495.232635	1271.40894	0.30378841	2.1367786	0.33753043	1	1
1900.276	1232.276	0.530371	0.712801	497.1808	1302.225	57.4268	0.309676	2.13798	0.52729225	495.011799	1281.57715	0.30636017	2.1427176	0.34015772	2	1
1900.428	1232.428	0.516611	0.709303	496.4654	1311.805	56.703	0.301878	2.1374	0.51355873	494.315039	1291.33713	0.29859074	2.14209688	0.33211425	2	1
1900.58	1232.58	0.502651	0.711297	495.448	1316.239	56.7926	0.296037	2.12988	0.49962521	493.316278	1295.95105	0.29277831	2.13453616	0.32608193	2	1
1900.733	1232.733	0.534697	0.715693	493.725	1324.316	57.6161	0.317184	2.11933	0.53169786	491.612039	1304.20911	0.31395407	2.12394517	0.34790687	1	1
1900.885	1232.885	0.5599	0.7154	490.2002	1340.335	59.1685	0.332887	2.1153	0.55692733	488.105877	1320.40793	0.32968564	2.11987445	0.36405501	1	1
1901.038	1233.038	0.510299	0.7151	485.4447	1342.95	59.0933	0.299088	2.13442	0.50735298	483.369137	1323.20389	0.29591539	2.13895346	0.32924881	1	1
1901.19	1233.19	0.462638	0.722694	481.8477	1331.631	58.6983	0.264136	2.16328	0.45971845	479.790774	1312.06461	0.26099195	2.16777274	0.29299365	3	1
1901.342	1233.342	0.459643	0.735679	482.3236	1301.408	55.0073	0.258925	2.17559	0.45674993	480.28531	1282.02128	0.25580951	2.18004203	0.28756708	3	1
1901.495	1233.495	0.513371	0.7621557	485.3594	1273.095	53.45296	0.293318	2.16243	0.51050457	483.339868	1253.88908	0.29023126	2.16684105	0.32329495	8	2
1901.647	1233.647	0.5226	0.734743	489.5438	1269.327	54.8954	0.303345	2.1448	0.51976004	487.542903	1250.30064	0.30028681	2.14917034	0.33366326	2	1
1901.8	1233.8	0.512939	0.713817	491.5031	1285.015	57.4169	0.299792	2.13733	0.51012568	489.520959	1266.16934	0.29676255	2.14165936	0.3299976	2	1
1901.952	1233.952	0.490536	0.705713	492.4057	1322.612	55.3273	0.287597	2.1357	0.48774915	490.442193	1303.94581	0.2845961	2.13998865	0.31738452	8	2
1902.104	1234.104	0.500293	0.700104	492.7667	1344.06	54.9051	0.29568	2.1265	0.49753261	490.821825	1325.57322	0.29270765	2.13074794	0.32575536	2	1
1902.257	1234.257	0.49621	0.697704	493.597	1360.108	52.806	0.293606	2.1258	0.49347625	491.67088	1341.80177	0.29066238	2.13000697	0.32361426	2	1
1902.409	1234.409	0.5044	0.693903	494.7325	1370.41	55.3599	0.298036	2.1263	0.50169271	492.825011	1352.28308	0.29512092	2.13046627	0.32819982	2	1
1902.562	1234.562	0.491153	0.688908	495.7433	1381.224	55.8264	0.290892	2.1255	0.48847235	493.854564	1363.27752	0.28800565	2.1296253	0.32081395	4	1
1902.714	1234.714	0.480317	0.690597	496.344	1379.957	56.2656	0.285816	2.1226	0.47766281	494.473894	1362.18973	0.28295819	2.1266846	0.31556041	2	1
1902.866	1234.866	0.462187	0.702181	495.6285	1367.292	54.5513	0.274644	2.12731	0.45955927	493.777023	1349.70389	0.27181472	2.1313539	0.30397175	3	1
1903.019	1235.019	0.454126	0.71428	494.2008	1357.788	52.535	0.268741	2.13258	0.4515249	492.368075	1340.38018	0.26594044	2.13658293	0.29783877	3	1
1903.171	1235.171	0.4463	0.722294	492.4057	1348.211	53.9759	0.261096	2.1439	0.44372535	490.591602	1330.98224	0.25832397	2.14786224	0.28988203	3	1
1903.324	1235.324	0.485344	0.720403	491.0995	1338.94	54.6722	0.280365	2.15087	0.48279598	489.304152	1321.89143	0.27762169	2.15479128	0.30992476	2	1
1903.476	1235.476	0.46052	0.7128026	491.6311	1328.29	57.24606	0.2647521	2.1572	0.45799843	489.854379	1311.42039	0.26203732	2.16108059	0.29369964	3	1
1903.628	1235.628	0.474816	0.708607	493.0062	1333.666	56.3265	0.272378	2.1582	0.47232089	491.248105	1316.97529	0.26969174	2.1620399	0.30163821	3	1
1903.781	1235.781	0.494553	0.705702	494.9098	1350.916	56.6549	0.285309	2.15182	0.49208451	493.170452	1334.40533	0.28265145	2.15561894	0.31506481	2	1
1903.933	1235.933	0.498	0.706099	495.1526	1367.305	52.8322	0.288245	2.1483	0.49555796	493.431877	1350.97313	0.28561597	2.15205825	0.31811124	6	1
1904.086	1236.086	0.475092	0.701903	494.1418	1363.62	52.9836	0.276364	2.14491	0.47267658	492.439823	1347.46806	0.27376367	2.1486273	0.30579268	3	1
1904.238	1236.238	0.485383	0.703098	492.3499	1356.459	53.2299	0.281857	2.1457	0.48299403	490.666547	1340.48577	0.27928519	2.14937662	0.31149826	6	1
1904.39	1236.39	0.502916	0.711087	491.572	1349.284	56.7082	0.292316	2.1437	0.50055347	489.907269	1333.48942	0.2897727	2.14733594	0.32233901	2	1
1904.543	1236.543	0.522852	0.719786	491.4539	1347.023	57.0398	0.302384	2.14899	0.52051609	489.807914	1331.4082	0.29986939	2.15258499	0.3327517	2	1
1904.695	1236.695	0.5511	0.722396	492.0479	1346.899	57.1347	0.317843	2.1539	0.54879053	490.420535	1331.46275	0.3153569	2.15745431	0.34869559	1	1
1904.848	1236.848	0.550702	0.724597	492.5238	1347.969	56.4168	0.316915	2.15669	0.54841915	490.915178	1332.71243	0.31445759	2.16020336	0.34774439	1	1
1905	1237	0.537621	0.726896	492.8848	1349.76	55.3947	0.309827	2.1538	0.53536459	491.294798	1334.68188	0.30739809	2.15727269	0.34044507	1	1
1905.152	1237.152	0.495676	0.724802	492.7633	1349.879	54.1784	0.28623	2.1508	0.49344603	491.191917	1334.97928	0.28382959	2.15423202	0.31605768	6	1

1905.305	1237.305	0.480549	0.712719	491.8148	1348.336	54.1995	0.277668	2.1509	0.47834564	490.262158	1333.61581	0.27529628	2.15429108	0.30718094	3	1
1905.457	1237.457	0.4872	0.7125086	491.0929	1344.391	55.59868	0.2816544	2.15	0.48502307	489.558876	1329.84911	0.27931117	2.15335041	0.31132223	2	1
1905.61	1237.61	0.480925	0.723382	490.0229	1341.303	56.8238	0.279709	2.14452	0.47877468	488.507615	1326.94053	0.27739445	2.14782947	0.30930807	2	1
1905.762	1237.762	0.474905	0.733792	490.2592	1336.639	56.5274	0.278702	2.13661	0.47278111	488.762532	1322.45473	0.27641594	2.1398788	0.30826716	2	1
1905.914	1237.914	0.505957	0.733001	492.1103	1350.742	54.3868	0.296684	2.13421	0.50385955	490.632247	1336.73588	0.29442643	2.13743814	0.32689995	2	1
1906.067	1238.067	0.478865	0.72051	494.0728	1366.075	54.5698	0.280526	2.13779	0.47679415	492.613485	1352.24815	0.2782971	2.14097721	0.31016864	3	1
1906.219	1238.219	0.499	0.710815	495.9862	1387.594	53.6891	0.289785	2.1448	0.49695558	494.545499	1373.9452	0.28758459	2.14794655	0.31977003	2	1
1906.372	1238.372	0.490235	0.70481	495.3922	1394.965	55.4812	0.285229	2.14341	0.48821718	493.970236	1381.49537	0.28305726	2.14651562	0.31505437	2	1
1906.524	1238.524	0.536026	0.69242	494.1385	1397.735	57.903	0.312339	2.1404	0.53403461	492.735149	1384.44332	0.31019573	2.14346496	0.34307702	1	1
1906.676	1238.676	0.528607	0.679221	492.7633	1397.499	59.184	0.308564	2.1383	0.52664203	491.378561	1384.38521	0.30644921	2.1413243	0.3391892	1	1
1906.829	1238.829	0.537778	0.680099	492.1693	1395.832	60.6354	0.312954	2.14199	0.53583963	490.803295	1382.89723	0.31086787	2.14497338	0.34371928	1	1
1906.981	1238.981	0.5267	0.680899	491.6902	1388.07	60.2073	0.305311	2.1464	0.52478805	490.342806	1375.31303	0.30325334	2.14934273	0.33584144	1	1
1907.134	1239.134	0.51425	0.677603	491.4539	1370.361	60.5787	0.296877	2.15088	0.51236465	490.125239	1357.78295	0.294848	2.15378181	0.32713351	4	1
1907.286	1239.286	0.47057	0.675104	490.617	1358.375	62.3658	0.271657	2.1525	0.46871107	489.306949	1345.97464	0.26965646	2.15536116	0.30099127	1	1
1907.438	1239.438	0.472095	0.6881031	489.3633	1352.031	63.168	0.271515	2.1559	0.47026249	488.071858	1339.80829	0.26954293	2.15872051	0.30084789	1	1
1907.591	1239.591	0.469007	0.705971	488.8284	1352.508	63.0427	0.268967	2.15879	0.46720108	487.555689	1340.46405	0.26702358	2.16156959	0.29820224	3	1
1907.743	1239.743	0.4825	0.717691	488.7069	1354.06	60.8444	0.277881	2.154	0.48072049	487.452797	1342.1936	0.27596604	2.15673895	0.30747033	4	1
1907.896	1239.896	0.489173	0.722692	489.8359	1361.073	58.6141	0.283381	2.14782	0.48742008	488.600526	1349.38526	0.28149468	2.15051804	0.31318113	6	1
1908.048	1240.048	0.485703	0.720402	489.9016	1370.522	58.9877	0.282606	2.1437	0.4839765	488.684832	1359.01171	0.28074813	2.14635739	0.3123817	6	1
1908.2	1240.2	0.502005	0.698934	489.2419	1388.566	58.0994	0.291742	2.1439	0.50030491	488.043738	1377.23311	0.28991259	2.14651675	0.32185129	4	1
1908.353	1240.353	0.50499	0.686919	488.4706	1399.137	56.4702	0.293033	2.1454	0.50331649	487.291166	1387.98262	0.29123222	2.14797585	0.32319158	4	1
1908.505	1240.505	0.5119	0.679911	489.1237	1398.812	56.461	0.297077	2.1451	0.5102529	487.96287	1387.83491	0.29530467	2.14763521	0.32737848	2	1
1908.658	1240.658	0.514888	0.684592	490.7877	1389.659	58.1036	0.29904	2.1442	0.51326748	489.645596	1378.86033	0.2972963	2.14669431	0.32941175	1	1
1908.81	1240.81	0.518494	0.67841	492.2251	1369.13	60.8939	0.300617	2.1461	0.51689989	491.101599	1358.50852	0.29890174	2.14855367	0.33104541	1	1
1908.962	1240.962	0.50829	0.668915	492.5238	1353.453	59.8743	0.295303	2.144	0.5067223	491.418901	1343.00867	0.29361618	2.14641304	0.32555682	4	1
1909.115	1241.115	0.496029	0.673896	491.1585	1342.865	58.788	0.287851	2.1457	0.49448787	490.072325	1332.59893	0.28619281	2.14807214	0.31784786	4	1
1909.267	1241.267	0.5179	0.688676	489.4814	1336.278	55.915	0.302075	2.1394	0.51638528	488.413826	1326.18898	0.30044525	2.14173152	0.33256411	2	1
1909.42	1241.42	0.517004	0.7033956	487.1644	1349.59	57.50553	0.3010514	2.14119	0.51551585	486.115549	1339.67914	0.29945027	2.14348062	0.33151113	2	1
1909.572	1241.572	0.465084	0.712985	486.9182	1360.367	57.0404	0.272884	2.1382	0.46362225	485.887949	1350.63308	0.2713113	2.14045	0.30233076	2	1
1909.724	1241.724	0.448466	0.716397	487.7552	1375.661	58.9309	0.265075	2.13478	0.44703065	486.743548	1366.10398	0.26353072	2.13698937	0.29421131	2	1
1909.877	1241.877	0.4899	0.700026	488.8841	1376.019	59.4388	0.291307	2.12173	0.48849122	487.891168	1366.63999	0.28979134	2.12389848	0.32144778	4	1
1910.029	1242.029	0.506	0.681814	489.9016	1386.997	60.7571	0.300842	2.1196	0.50461762	488.927266	1377.79479	0.29935476	2.12172786	0.33131175	1	1
1910.182	1242.182	0.520442	0.673114	490.1969	1387.473	60.4131	0.308278	2.12209	0.51908618	489.241285	1378.44869	0.30681937	2.12417698	0.33899163	1	1
1910.334	1242.334	0.516606	0.679689	488.8284	1382.829	61.0938	0.302509	2.13508	0.51527658	487.891381	1373.98139	0.30107879	2.13712636	0.33304197	1	1
1910.486	1242.486	0.515386	0.697571	485.9008	1366.813	61.4859	0.299868	2.1422	0.51408297	484.982377	1358.14204	0.2984662	2.14420574	0.33031819	1	1
1910.639	1242.639	0.506429	0.713874	485.1296	1357.549	62.4308	0.293939	2.14509	0.50515253	484.229894	1349.0558	0.29256581	2.14705486	0.32419263	4	1
1910.791	1242.791	0.5063	0.724882	486.1405	1357.283	61.6427	0.294468	2.1429	0.50504992	485.259389	1348.96635	0.29312322	2.14482425	0.32474409	4	1
1910.944	1242.944	0.535782	0.719708	488.7561	1362.511	61.1222	0.311857	2.1417	0.53455849	487.893704	1354.37201	0.31054081	2.14358337	0.34270294	1	1
1911.096	1243.096	0.525009	0.710307	489.5405	1372.071	62.237	0.306209	2.1393	0.52381187	488.696697	1364.10845	0.30492122	2.14114276	0.33688251	1	1
1911.248	1243.248	0.534833	0.707504	488.766	1370.174	61.6536	0.312139	2.1385	0.53366226	487.94079	1362.38785	0.31087962	2.14030216	0.34300201	1	1
1911.401	1243.401	0.575802	0.7086977	487.3384	1372.908	62.7272	0.3353019	2.14329	0.57465782	486.531903	1365.29936	0.33407111	2.14505128	0.36682444	1	1
1911.553	1243.553	0.5495	0.707103	486.5605	1383.298	64.3564	0.317681	2.1507	0.5483822	485.772594	1375.86566	0.31647861	2.15242068	0.34871904	1	1
1911.706	1243.706	0.524201	0.703403	486.7378	1391.26	65.1855	0.301551	2.15518	0.52310975	485.968607	1384.00507	0.3003772	2.15685981	0.3320907	1	1
1911.858	1243.858	0.515514	0.700804	487.811	1397.014	64.5853	0.297844	2.15001	0.51444913	487.060396	1389.93527	0.29669859	2.15164921	0.32826465	1	1
1912.01	1244.01	0.502724	0.696903	488.4083	1397.621	63.2019	0.292183	2.14379	0.50168551	487.676285	1390.71842	0.29106599	2.14538861	0.32241383	4	1
1912.163	1244.163	0.517764	0.695103	488.7069	1398.93	62.7717	0.302644	2.13702	0.51675206	487.993596	1392.20468	0.30155556	2.13857775	0.33323218	1	1
1912.315	1244.315	0.5341	0.695999	488.7069	1399.409	62.3223	0.314313	2.1287	0.53311444	488.012183	1392.85973	0.31325295	2.13021715	0.34527166	1	1
1912.468	1244.468	0.535295	0.6940046	488.4116	1399.409	61.52324	0.314236	2.13159	0.53433599	487.735592	1393.03689	0.31320452	2.13306629	0.34519658	1	1
1912.62	1244.62	0.506247	0.691504	487.9324	1398.218	61.1068	0.295076	2.14059	0.50531436	487.274979	1392.02184	0.29407291	2.1420257	0.32542383	1	1
1912.772	1244.772	0.496973	0.691999	487.1578	1398.7	60.9735	0.286664	2.1519	0.49606673	486.518964	1392.67975	0.28568929	2.15329511	0.31672003	4	1
1912.925	1244.925	0.480353	0.694496	487.3941	1402.855	61.3762	0.27662	2.15419	0.47947328	486.773971	1397.01176	0.27567385	2.15554425	0.3063058	4	1
1913.077	1245.077	0.4769	0.697498	488.0505	1406.449	62.825	0.275632	2.1509	0.47604665	487.448955	1400.78156	0.27471423	2.15221366	0.30528394	4	1
1913.23	1245.23	0.478294	0.698299	488.2278	1408.947	64.1124	0.276409	2.1509	0.47746719	487.644961	1403.45647	0.27551979	2.15217281	0.3060952	4	1
1913.382	1245.382	0.472205	0.6949982	487.8142	1408.001	62.76225	0.2720434	2.1543	0.47140456	487.249944	1402.68618	0.27118256	2.15553223	0.30156351	1	1
1913.534	1245.534	0.478609	0.689109	486.38	1405.376	61.3182	0.273741	2.1609	0.47783492	485.834326	1400.23683	0.27290853	2.16209164	0.30333212	4	1
1913.687	1245.687	0.489873	0.682305	485.1296	1402.996	61.156	0.279529	2.16309	0.48912546	484.60263	1398.0336	0.27872508	2.1642408	0.30934691	4	1
1913.839	1245.839	0.5207	0.678806	483.2787	1401.559	60.9247	0.296568	2.1665	0.51997882	482.770311	1396.77215	0.29579245	2.16761022	0.32700056	4	1
1913.992	1245.992	0.536749	0.683496	481.6115	1401.559	60.3163	0.306815	2.16371	0.53605436	481.121813	1396.94882	0.30606799	2.16477937	0.33758809	1	1

1914.144	1246.144	0.480491	0.684598	479.7604	1397.03	58.4175	0.270738	2.17558	0.47982272	479.289293	1392.59528	0.27001935	2.1766088	0.30022758	6	1
1914.296	1246.296	0.456609	0.683701	478.8021	1387.22	59.545	0.256281	2.17891	0.45596708	478.349571	1382.96068	0.25559071	2.17989822	0.28517317	3	1
1914.449	1246.449	0.467673	0.682403	478.3262	1369.14	60.26972	0.2603287	2.18678	0.46705761	477.892372	1365.0572	0.25966695	2.18772738	0.28939884	3	1
1914.601	1246.601	0.5026	0.684297	480.3544	1363.846	61.6254	0.284133	2.1734	0.50201097	479.939149	1359.93851	0.2834996	2.17430681	0.31414778	4	1
1914.754	1246.754	0.504194	0.6906903	483.9777	1373.948	65.18669	0.2878619	2.16284	0.50363149	483.581148	1370.21692	0.28725704	2.16370597	0.3180162	1	1
1914.906	1246.906	0.514483	0.684909	487.9258	1398.057	68.795	0.300292	2.13874	0.51394685	487.547824	1394.50114	0.29971549	2.13956541	0.33087899	1	1
1915.058	1247.058	0.506101	0.649628	488.7594	1411.782	72.5455	0.302136	2.11529	0.5055912	488.4	1408.4013	0.30158783	2.11607484	0.33278789	13	1
1915.211	1247.211	0.506897	0.616851	484.4831	1388.503	73.2974	0.304074	2.11012	0.50641373	484.142397	1385.29857	0.30355436	2.11086401	0.33479312	13	1
1915.363	1247.363	0.4903	0.6350304	479.1599	1335.441	71.64485	0.2887999	2.1311	0.48984308	478.837771	1332.41163	0.2883086	2.13180345	0.31900466	13	1
1915.516	1247.516	0.516595	0.694301	478.0309	1280.883	69.5917	0.297357	2.15421	0.5161646	477.727466	1278.0298	0.29689423	2.15487262	0.3278628	1	1
1915.668	1247.668	0.516001	0.755149	482.7371	1262.419	69.1434	0.299573	2.14461	0.51559694	482.452239	1259.74077	0.29913856	2.14523206	0.33015726	2	1
1915.82	1247.82	0.538957	0.702082	490.3872	1301.516	69.9143	0.320468	2.11626	0.53857929	490.120911	1299.01268	0.3200619	2.1168415	0.35170537	1	1
1915.973	1247.973	0.512065	0.657435	495.7958	1355.839	70.8687	0.311734	2.09365	0.51171381	495.548205	1353.5117	0.31135642	2.09419068	0.34271541	1	1
1916.125	1248.125	0.5062	0.648814	497.7158	1412.179	70.7207	0.308009	2.0954	0.50587515	497.486775	1410.02652	0.30765974	2.09590013	0.33887887	13	1
1916.278	1248.278	0.502017	0.669167	497.2432	1432.028	70.1706	0.302013	2.10795	0.50171867	497.032868	1430.05144	0.30169226	2.10840931	0.33269467	13	1
1916.43	1248.43	0.505994	0.6770806	496.0486	1437.47	72.22046	0.2995919	2.12397	0.50572201	495.856837	1435.66816	0.29929948	2.12438875	0.3301979	13	1
1916.582	1248.582	0.500017	0.68339	495.2117	1421.49	70.9474	0.294128	2.1314	0.49977135	495.038506	1419.86284	0.2938639	2.1317782	0.32455329	13	1
1916.735	1248.735	0.521648	0.6928911	494.9721	1423.154	71.67131	0.3068517	2.1298	0.52142886	494.817596	1421.70261	0.30661611	2.13013739	0.3377019	13	1
1916.887	1248.887	0.5433	0.691702	494.6144	1414.565	68.8137	0.321384	2.1222	0.54310719	494.478463	1413.28818	0.32117673	2.12249684	0.3526772	6	1
1917.04	1249.04	0.505252	0.681808	494.6735	1433.942	67.5654	0.300479	2.11941	0.5050857	494.556252	1432.84086	0.30030023	2.11966603	0.33113132	4	1
1917.192	1249.192	0.472852	0.676409	494.9721	1435.924	66.6352	0.280699	2.12619	0.47271204	494.873418	1434.99734	0.28054854	2.12640549	0.31065852	1	1
1917.344	1249.344	0.442218	0.660912	494.319	1405.586	68.4615	0.261927	2.13441	0.44210437	494.238884	1404.83376	0.26180485	2.13458495	0.29114552	1	1
1917.497	1249.497	0.453473	0.652513	495.1493	1387.995	68.1754	0.265927	2.14059	0.45338587	495.08787	1387.41829	0.26583334	2.14072414	0.29531573	1	1
1917.649	1249.649	0.4637	0.62662	494.7949	1370.171	70.7365	0.269086	2.1484	0.4636392	494.752034	1369.76862	0.26902065	2.1484936	0.29860724	1	1
1917.802	1249.802	0.473361	0.628597	495.0312	1343.902	70.1722	0.27614	2.14242	0.47332671	495.00702	1343.67505	0.27610314	2.1424728	0.30594324	1	1
1917.954	1249.954	0.456614	0.636294	493.0653	1335.09	73.5005	0.271505	2.12791	0.45660603	493.059682	1335.03728	0.27149644	2.12792227	0.30113133	1	1
1918.106	1250.106	0.471797	0.646883	490.3117	1343.81	72	0.285421	2.10891	0.47181536	490.324644	1343.93147	0.28544073	2.10888173	0.31558029	13	1
1918.259	1250.259	0.469707	0.658282	485.9764	1353.909	73.2114	0.28256	2.11458	0.46975186	486.008028	1354.20575	0.28260822	2.11451094	0.31261852	1	1
1918.411	1250.411	0.4667	0.6547089	478.0276	1358.832	72.76516	0.273797	2.1381	0.46677118	478.077789	1359.30283	0.27387351	2.13799041	0.30352627	1	1
1918.564	1250.564	0.453154	0.649908	466.0223	1342.192	72.9241	0.259116	2.1626	0.45325168	466.091171	1342.83802	0.25922099	2.16244961	0.28824961	1	1
1918.716	1250.716	0.421825	0.6811209	453.6889	1298.96	66.42655	0.2304358	2.20147	0.421949	453.77633	1299.78	0.23056907	2.20127908	0.25824169	4	1
1918.868	1250.868	0.345684	0.742198	443.2327	1206.718	58.3825	0.171509	2.26165	0.34583432	443.338689	1207.71194	0.17167056	2.26141856	0.19580355	4	1
1919.021	1251.021	0.326047	0.812541	437.2268	1113.807	50.2215	0.143076	2.31986	0.32622381	437.351469	1114.97598	0.14326603	2.31958777	0.16521712	7	2
1919.173	1251.173	0.35	0.827875	437.7486	1065.369	50.8713	0.151638	2.3384	0.35020312	437.891826	1066.71182	0.15185631	2.33808725	0.17447026	7	2
1919.326	1251.326	0.431773	0.826601	447.9127	1089.856	54.3591	0.210896	2.29846	0.43200261	448.074605	1091.37376	0.21114278	2.29810646	0.23767876	5	1
1919.478	1251.478	0.456561	0.829495	462.7863	1171.812	61.2375	0.239464	2.24159	0.45681693	462.966761	1173.50351	0.23973905	2.24119594	0.26773452	1	1
1919.63	1251.63	0.486349	0.779739	478.5822	1272.445	66.2243	0.271471	2.18545	0.48663124	478.781216	1274.3102	0.27177433	2.18501543	0.30114265	3	1
1919.783	1251.783	0.516927	0.689236	491.1815	1357.673	68.045	0.297348	2.15497	0.51723572	491.399193	1359.713	0.29767979	2.15449465	0.32797172	1	1
1919.935	1251.935	0.537484	0.618407	500.0984	1404.503	70.4039	0.313896	2.13771	0.53781903	500.334647	1406.7166	0.31425606	2.13719413	0.34505265	6	1
1920.088	1252.088	0.52246	0.590843	508.0669	1463.735	70.9856	0.305164	2.1377	0.52282152	508.321822	1466.12329	0.30555251	2.13714335	0.3360531	13	1
1920.24	1252.24	0.510619	0.582913	510.0656	1486.134	71.8662	0.298558	2.137	0.51100682	510.339074	1488.69579	0.29897477	2.13640284	0.329235	13	1
1920.392	1252.392	0.489308	0.5814032	510.4266	1499.045	72.22401	0.2861779	2.1383	0.48972213	510.718626	1501.78025	0.28662294	2.13766234	0.3164281	1	1
1920.545	1252.545	0.494483	0.575509	509.8917	1488.592	73.1988	0.28963	2.13631	0.49492361	510.2024	1491.50179	0.29010348	2.13563156	0.32000805	13	1
1920.697	1252.697	0.4902	0.570797	511.8608	1479.13	77.15048	0.2871391	2.1367	0.49066691	512.19005	1482.21315	0.28764084	2.13598106	0.31743244	13	1
1920.85	1252.85	0.525359	0.562114	516.8527	1467.361	80.6292	0.307216	2.1363	0.52585239	517.200622	1470.6186	0.30774618	2.13554029	0.33819144	13	1
1921.002	1253.002	0.542586	0.54901	522.4778	1495.576	80.6672	0.316894	2.1377	0.54310569	522.844271	1499.00686	0.31745243	2.13689979	0.34816972	13	1
1921.154	1253.154	0.566186	0.531827	524.3321	1522.205	80.6002	0.329587	2.143	0.56673199	524.71712	1525.80907	0.33017369	2.14215929	0.36122642	13	1
1921.307	1253.307	0.549041	0.517312	524.1516	1515.546	80.7848	0.318514	2.14629	0.54961346	524.55529	1519.32438	0.31912912	2.14540852	0.3498458	13	1
1921.459	1253.459	0.5376	0.523889	513.8891	1465.763	80.8363	0.311041	2.149	0.53819876	514.311337	1469.71449	0.31168437	2.14807803	0.34215257	13	1
1921.612	1253.612	0.479931	0.530595	496.7115	1378.992	79.271	0.272692	2.16733	0.48055622	497.152406	1383.1177	0.27336379	2.16636726	0.30246699	13	1
1921.764	1253.764	0.376566	0.522912	459.5274	1275.697	67.1637	0.197652	2.2297	0.37721752	459.986852	1279.99572	0.19835204	2.22869677	0.22373137	1	1
1921.916	1253.916	0.303075	0.582299	418.3984	1153.692	54.2796	0.122259	2.34776	0.30375281	418.876397	1158.16369	0.12298727	2.34671628	0.14266532	7	2
1922.069	1254.069	0.271276	0.845594	397.4598	1014.746	41.1436	0.0830677	2.42481	0.27198028	397.956463	1019.39175	0.0838244	2.42372552	0.09716171	7	2
1922.221	1254.221	0.3016	1.40835	415.251	967.8668	40.6118	0.105084	2.4104	0.30233057	415.766207	972.685424	0.10586893	2.40927503	0.12288452	7	2
1922.374	1254.374	0.382576	1.243474	454.063	993.7808	47.86369	0.1770343	2.31438	0.38333303	454.596872	998.773387	0.17784765	2.31321428	0.20180979	7	2
1922.526	1254.526	0.468562	1.04659	475.6055	1077.647	56.791	0.248925	2.23243	0.46934532	476.157915	1082.81236	0.24976658	2.23122379	0.27772123	1	1
1922.678	1254.678	0.508768	0.8658324	480.1706	1159.649	61.63917	0.2812801	2.19909	0.5095776	480.741557	1164.98709	0.28214991	2.19784331	0.31141369	1	1
1922.831	1254.831	0.488664	0.751171	478.8054	1233.167	62.977	0.271441	2.19073	0.48950006	479.39502	1238.67891	0.27233922	2.18944256	0.30120048	1	1

1922.983	1254.983	0.4791	0.692045	478.743	1309.426	62.5646	0.26626	2.1892	0.47996235	479.351161	1315.11055	0.26718644	2.18787208	0.2958152	3	1
1923.136	1255.136	0.481889	0.66684	479.8129	1350.551	60.5032	0.270709	2.17864	0.4827778	480.439722	1356.40927	0.27166384	2.17727134	0.30044789	6	1
1923.288	1255.288	0.46901	0.660305	481.5458	1372.182	59.7882	0.266815	2.16631	0.46992508	482.191162	1378.2128	0.26779806	2.16490086	0.29640133	6	1
1923.44	1255.44	0.500883	0.663395	484.8933	1357.703	58.5667	0.2897	2.14898	0.50182436	485.5572	1363.90629	0.29071128	2.14753038	0.32016068	4	1
1923.593	1255.593	0.490525	0.666298	487.3285	1321.684	60.9865	0.286867	2.13823	0.49149281	488.01106	1328.06087	0.28790668	2.13673964	0.31723076	4	1
1923.745	1255.745	0.4874	0.68467	488.1096	1300.236	60.6331	0.286926	2.132	0.48839409	488.810697	1306.78526	0.28799389	2.13046917	0.31729609	1	1
1923.898	1255.898	0.480129	0.690491	486.0912	1312.36	63.7659	0.283393	2.13041	0.48114954	486.810955	1319.08274	0.28448928	2.12883844	0.3136387	1	1
1924.05	1256.05	0.483894	0.701782	484.6505	1336.833	62.4366	0.283972	2.13549	0.48494081	485.388791	1343.72804	0.28509649	2.13387797	0.31424318	1	1
1924.202	1256.202	0.475699	0.71418	485.6055	1352.75	61.2252	0.280385	2.13239	0.47677209	486.362326	1359.81728	0.28153769	2.1307375	0.31052735	4	1
1924.355	1256.355	0.474802	0.7088133	489.2353	1356.912	58.38148	0.2822236	2.12462	0.47590153	490.010783	1364.15262	0.28340468	2.12292677	0.31243875	4	1
1924.507	1256.507	0.4562	0.684938	493.062	1359.429	56.6296	0.27502	2.116	0.4573258	493.856017	1366.84177	0.27622928	2.1142663	0.30496626	2	1
1924.66	1256.66	0.425822	0.6649144	493.8956	1373.338	57.12082	0.2601369	2.11451	0.42697424	494.708272	1380.92401	0.26137456	2.11273558	0.2894839	2	1
1924.812	1256.812	0.466934	0.662903	492.8848	1398.175	58.6483	0.278775	2.12209	0.46811251	493.716004	1405.93307	0.28004085	2.12027511	0.30887358	4	1
1924.964	1256.964	0.490631	0.6629	486.8494	1417.053	59.5378	0.286123	2.14104	0.49183578	487.699136	1424.98307	0.28741704	2.13918466	0.31649784	4	1
1925.117	1257.117	0.509854	0.663799	481.2602	1405.284	59.0965	0.290124	2.16674	0.51108522	482.128589	1413.38717	0.29144642	2.16484393	0.32064602	4	1
1925.269	1257.269	0.4646	0.667597	473.492	1378.523	58.52	0.259015	2.1852	0.46585748	474.378919	1386.79808	0.26036561	2.18326348	0.28833124	3	1
1925.422	1257.422	0.465297	0.68018	469.1533	1336.922	60.8806	0.260076	2.18281	0.46658092	470.058871	1345.37008	0.26145498	2.18083276	0.28944162	3	1
1925.574	1257.574	0.49058	0.687694	468.6577	1315.051	62.3642	0.277379	2.17251	0.49189018	469.5818	1323.67089	0.27878616	2.1704923	0.3074456	1	1
1925.726	1257.726	0.521474	0.710064	471.7657	1308.477	64.9892	0.296644	2.168	0.52281044	472.708329	1317.26866	0.29807934	2.16594185	0.32740815	1	1
1925.879	1257.879	0.505252	0.695323	474.7949	1313.466	63.9183	0.287786	2.16541	0.50661487	475.756178	1322.43052	0.2892497	2.16331114	0.31824599	1	1
1926.031	1258.031	0.4833	0.684218	476.1766	1324.582	64.6155	0.277205	2.158	0.48468913	477.156406	1333.71819	0.27869688	2.15586069	0.30727761	1	1
1926.184	1258.184	0.456209	0.681005	475.1657	1337.063	62.7376	0.266453	2.14366	0.45762456	476.164154	1346.37195	0.26797323	2.14147998	0.29610504	3	1
1926.336	1258.336	0.436731	0.6915745	472.5993	1333.298	63.51978	0.2581697	2.13731	0.43817281	473.61628	1342.77852	0.2597181	2.13508953	0.28747949	3	1
1926.488	1258.488	0.425381	0.700486	469.1336	1306.167	62.9879	0.248893	2.14802	0.42684907	470.169105	1315.81905	0.25046957	2.14575909	0.27779837	4	1
1926.641	1258.641	0.401258	0.7289132	465.1461	1262.153	61.25872	0.2290239	2.17144	0.40275249	466.200251	1271.97767	0.23062882	2.16913838	0.25698097	1	1
1926.793	1258.793	0.4104	0.775523	461.5556	1214.906	58.9053	0.227673	2.1905	0.41192074	462.628275	1224.9021	0.22930609	2.18815794	0.25556556	1	1
1926.946	1258.946	0.406217	0.836549	461.3193	1173.341	57.2803	0.224694	2.19299	0.40776416	462.41062	1183.50962	0.22635543	2.19060724	0.25243734	1	1
1927.098	1259.098	0.403704	0.883922	466.1437	1149.18	56.8619	0.227686	2.17942	0.40527741	467.253542	1159.51996	0.22937559	2.1769968	0.25558777	1	1
1927.25	1259.25	0.389899	0.909779	477.3975	1124.87	57.737	0.227416	2.15944	0.39149866	478.525864	1135.38125	0.22913375	2.15697637	0.25530823	4	1
1927.403	1259.403	0.327051	0.973993	495.4677	1104.296	55.689	0.21423	2.12249	0.32867708	496.614707	1114.97962	0.21597609	2.11998567	0.24142613	2	1
1927.555	1259.555	0.2536	1.17103	526.2389	1072.898	53.3922	0.231295	2.0359	0.25525232	527.404427	1083.75282	0.23306924	2.03335524	0.25939209	8	2
1927.708	1259.708	0.180094	1.81602	564.4568	1055.271	47.5069	0.279815	1.91568	0.18177274	565.640969	1066.2981	0.28161758	1.91309455	0.310033	10	3
1927.86	1259.86	0.166122	3.26453	599.1631	1067.059	43.1516	0.318032	1.83363	0.16782698	600.365788	1078.2572	0.31986272	1.83100412	0.34952977	10	3
1928.012	1260.012	0.231618	4.60766	619.278	1115.179	42.5986	0.319913	1.83596	0.23334922	620.499206	1126.54825	0.32177187	1.83329369	0.35146975	10	3
1928.165	1260.165	0.305065	3.71419	625.1559	1165.737	41.3277	0.313841	1.87448	0.30682263	626.395746	1177.27839	0.31572819	1.871773	0.34522244	10	3
1928.317	1260.317	0.2922	3.078593	628.5165	1189.485	43.3226	0.3062601	1.8855	0.29398387	629.774863	1201.19735	0.30817543	1.88275258	0.33741095	10	3
1928.47	1260.47	0.256941	3.54699	629.3502	1189.009	40.5263	0.30805	1.86827	0.25875128	630.627201	1200.89338	0.30999366	1.86548189	0.33926156	10	3
1928.622	1260.622	0.209938	5.206604	626.9084	1204.152	43.08071	0.3054259	1.8634	0.21177451	628.203917	1216.20725	0.30739769	1.86057147	0.33655856	10	3
1928.774	1260.774	0.209326	4.73642	611.2504	1225.32	42.3424	0.297849	1.87964	0.21118875	612.564432	1237.54607	0.29984893	1.87677105	0.32873776	10	3
1928.927	1260.927	0.241223	2.9872	584.7817	1263.387	46.2005	0.279855	1.92519	0.24311215	586.114368	1275.78496	0.28188324	1.92228037	0.31010821	10	3
1929.079	1261.079	0.3462	1.78517	550.4069	1305.366	50.45	0.271404	1.9984	0.34811538	551.758082	1317.93468	0.27346037	1.99544996	0.30133532	9	2
1929.232	1261.232	0.47608	1.19538	519.8589	1350.417	55.7762	0.298551	2.0744	0.47802179	521.228717	1363.15748	0.30063568	2.07140928	0.32947587	2	1
1929.384	1261.384	0.492375	0.898511	499.0646	1385.747	57.5347	0.282782	2.15647	0.49434301	500.452929	1398.65811	0.2848948	2.15343887	0.31315688	4	1
1929.536	1261.536	0.470284	0.761301	491.0305	1401.792	58.5733	0.253555	2.21809	0.47227824	492.437341	1414.87369	0.25569592	2.21501846	0.28275331	1	1
1929.689	1261.689	0.460424	0.711177	489.3666	1400.367	57.908	0.234605	2.27197	0.46244464	490.792073	1413.62034	0.23677423	2.26885778	0.26292587	3	1
1929.841	1261.841	0.4566	0.687537	487.5746	1387.952	60.2884	0.23691	2.2521	0.45864686	489.018584	1401.37583	0.23910735	2.24894737	0.26534756	3	1
1929.994	1261.994	0.447038	0.67472	483.83	1367.745	61.7166	0.242084	2.21027	0.44911126	485.292615	1381.34039	0.24430964	2.2070767	0.27077289	3	1
1930.146	1262.146	0.427132	0.679293	480.1215	1357.893	61.2911	0.244279	2.16547	0.42923148	481.602624	1371.65878	0.24653276	2.1622363	0.27307474	3	1
1930.298	1262.298	0.420329	0.696686	477.6075	1354.053	59.357	0.242521	2.1598	0.4224547	479.107133	1367.98913	0.24480287	2.1565259	0.2712389	3	1
1930.451	1262.451	0.438143	0.704887	476.3604	1349.419	58.9359	0.251068	2.16239	0.44029509	477.878662	1363.52654	0.25337816	2.15907523	0.28018148	2	1
1930.603	1262.603	0.4728	0.7193954	475.9961	1344.631	62.29232	0.2704269	2.1611	0.47497831	477.532869	1358.90879	0.27276516	2.15774483	0.30036161	4	1
1930.756	1262.756	0.481465	0.728685	475.2839	1335.717	63.4447	0.276559	2.15662	0.4836697	476.839297	1350.16612	0.27892555	2.15322417	0.30673759	1	1
1930.908	1262.908	0.494789	0.733096	474.8047	1340.568	63.65	0.284398	2.1556	0.49701992	476.378603	1355.18727	0.28679265	2.15216378	0.31487429	1	1
1931.06	1263.06	0.460984	0.733599	474.2665	1343.679	60.917	0.26535	2.15601	0.46324113	475.858908	1358.46838	0.26777275	2.15253338	0.29509212	3	1
1931.213	1263.213	0.441247	0.729603	474.4437	1347.246	61.4036	0.252218	2.16408	0.44353052	476.054734	1362.20656	0.25466903	2.16056273	0.28140384	3	1
1931.365	1263.365	0.4374	0.724808	475.402	1350.24	59.3386	0.249113	2.1675	0.43970973	477.031538	1365.37058	0.25159212	2.16394234	0.27816409	3	1
1931.518	1263.518	0.417264	0.716906	476.9478	1352.025	59.8618	0.238677	2.1669	0.41960011	478.595962	1367.32666	0.2411844	2.16330168	0.26724653	3	1
1931.67	1263.67	0.427184	0.711708	478.8579	1354.175	56.8508	0.247433	2.15552	0.42954632	480.524565	1369.64658	0.24996848	2.15188129	0.27641633	3	1

1931.822	1263.822	0.414026	0.706808	480.7712	1359.557	57.9794	0.244656	2.14339	0.41641453	482.456366	1375.19845	0.24721957	2.13971091	0.2735159	2	1
1931.975	1263.975	0.446721	0.701209	482.7962	1369.311	58.5904	0.263647	2.13642	0.44913591	484.499989	1385.1234	0.26623884	2.13270026	0.29334422	2	1
1932.127	1264.127	0.4505	0.697107	484.2928	1382.343	59.8493	0.267106	2.1317	0.45294111	486.015089	1398.32518	0.26972592	2.12793988	0.29694935	2	1
1932.28	1264.28	0.445321	0.694402	484.0532	1377.233	59.9298	0.267501	2.12194	0.44778849	485.794111	1393.38603	0.27014918	2.11813923	0.29736461	2	1
1932.432	1264.432	0.446298	0.689108	481.9068	1354.335	61.5345	0.268528	2.1203	0.44879169	483.66621	1370.65771	0.27120426	2.11645885	0.29843729	2	1
1932.584	1264.584	0.4287	0.6900132	478.7988	1325.271	59.87443	0.2551349	2.13393	0.43121989	480.576708	1341.76335	0.25783923	2.13004848	0.28448707	2	1
1932.737	1264.737	0.428899	0.707971	476.659	1308.881	58.9191	0.248825	2.15394	0.43144526	478.455527	1325.54406	0.25155759	2.15001784	0.27790121	3	1
1932.889	1264.889	0.4518	0.723188	475.8779	1300.118	55.5629	0.25734	2.1661	0.45437246	477.692924	1316.9506	0.26010066	2.16213746	0.28679613	3	1
1933.042	1265.042	0.478393	0.742968	475.402	1290.25	57.6302	0.27205	2.1665	0.48099183	477.235642	1307.25321	0.27483891	2.16249682	0.30211644	6	1
1933.194	1265.194	0.475602	0.737305	474.0893	1279.002	56.5859	0.272247	2.16021	0.47822703	475.941438	1296.17466	0.27506398	2.15616645	0.3023254	1	1
1933.346	1265.346	0.466282	0.732108	473.3771	1283.325	58.2192	0.270181	2.14947	0.46893322	475.247733	1300.66707	0.27302604	2.14538608	0.30018177	2	1
1933.499	1265.499	0.454927	0.71961	477.0036	1305.435	59.2912	0.269673	2.13094	0.45760459	478.892849	1322.94754	0.27254628	2.12681545	0.29965772	2	1
1933.651	1265.651	0.4554	0.708318	481.4277	1330.788	59.089	0.272399	2.123	0.45810378	483.335442	1348.46985	0.27530034	2.11883509	0.302496	4	1
1933.804	1265.804	0.417352	0.69552	482.258	1340.889	57.9282	0.250771	2.12997	0.42008214	484.184357	1358.74122	0.25370058	2.12576446	0.27996435	2	1
1933.956	1265.956	0.423789	0.691506	478.1523	1331.877	56.4509	0.247965	2.14837	0.42654533	480.097149	1349.89844	0.25092264	2.14412409	0.27703608	3	1
1934.108	1266.108	0.42313	0.719953	472.5336	1303.558	57.8277	0.248302	2.14628	0.42591252	474.496941	1321.74861	0.25128769	2.14199373	0.2773926	3	1
1934.261	1266.261	0.460311	0.745979	470.7515	1279.885	58.7898	0.274469	2.12465	0.46311988	472.733454	1298.24584	0.27748292	2.12032311	0.30466371	2	1
1934.413	1266.413	0.457	0.772856	474.3879	1279.829	60.5038	0.279479	2.1033	0.45983506	476.388344	1298.35892	0.28252097	2.09893275	0.30986946	6	1
1934.566	1266.566	0.508295	0.7681689	482.2317	1307.88	59.82401	0.3086109	2.09722	0.51115642	484.250755	1326.58006	0.31168109	2.09281213	0.34000725	1	1
1934.718	1266.718	0.501711	0.725566	487.2662	1343.141	60.3298	0.303485	2.10239	0.5045986	489.303744	1362.01005	0.30658324	2.09794177	0.33472266	1	1
1934.87	1266.87	0.50453	0.669343	486.7903	1359.997	61.632	0.301452	2.11464	0.50744378	488.846332	1379.03498	0.30457827	2.11015142	0.3326277	1	1
1935.023	1267.023	0.460705	0.660214	481.7985	1341.812	64.731	0.270754	2.13745	0.46364513	483.873142	1361.01998	0.2739085	2.13292081	0.30082387	1	1
1935.175	1267.175	0.4357	0.691674	475.7597	1307.158	67.0562	0.250596	2.1597	0.43866631	477.852829	1326.53482	0.25377853	2.15513046	0.27981956	4	1
1935.328	1267.328	0.408907	0.721152	473.085	1273.518	63.965	0.233716	2.16896	0.41189966	475.196736	1293.06473	0.23692675	2.16434984	0.26215041	4	1
1935.48	1267.48	0.439475	0.750676	474.3256	1256.213	60.2928	0.251381	2.1637	0.44249384	476.455822	1275.92848	0.25461978	2.1590495	0.28064806	4	1
1935.632	1267.632	0.434696	0.745808	477.1907	1250.469	57.3692	0.253222	2.14958	0.43774101	479.339407	1270.35318	0.2564888	2.14488915	0.28257484	3	1
1935.785	1267.785	0.432507	0.735417	476.1798	1250.945	58.2241	0.256108	2.13694	0.43557836	478.347113	1270.99895	0.25940301	2.13220854	0.28559117	2	1
1935.937	1267.937	0.3977	0.725715	469.196	1237.581	59.6475	0.240268	2.1329	0.40079753	471.381796	1257.80356	0.24359104	2.1281282	0.26903647	2	1
1936.09	1268.09	0.419313	0.731391	460.0427	1212.501	58.7543	0.249316	2.13728	0.42243687	462.247101	1232.89323	0.25266724	2.1324676	0.27850745	4	1
1936.242	1268.242	0.406211	0.745489	458.6347	1170.784	57.1123	0.245979	2.12811	0.40936104	460.857583	1191.34475	0.24935826	2.12325726	0.27502278	4	1
1936.394	1268.394	0.439306	0.780542	467.2333	1175.786	52.6844	0.277654	2.08208	0.44248221	469.474665	1196.51522	0.28106127	2.07718692	0.30802995	2	1
1936.547	1268.547	0.446882	0.816686	475.0837	1206.239	48.94314	0.2918164	2.05137	0.45008455	477.343667	1227.13775	0.29525187	2.04643632	0.32271257	9	2
1936.699	1268.699	0.4673	0.836867	481.129	1242.832	49.1194	0.290997	2.0839	0.47052871	483.407448	1263.89913	0.29446048	2.07892599	0.32186872	2	1
1936.852	1268.852	0.457639	0.814418	482.1989	1273.974	53.5625	0.27121	2.13061	0.46089405	484.495949	1295.21057	0.27470168	2.12559539	0.30134841	2	1
1937.004	1269.004	0.464689	0.776959	481.6672	1290.899	59.6633	0.267546	2.15546	0.46797021	483.982728	1312.30385	0.27106568	2.15040506	0.29754195	2	1
1937.156	1269.156	0.515753	0.741728	482.1464	1326.314	60.8213	0.304534	2.12598	0.51906038	484.480406	1347.88709	0.30808169	2.12088474	0.33587221	1	1
1937.309	1269.309	0.486371	0.708252	483.9875	1364.946	60.9027	0.292625	2.11084	0.48970471	486.340105	1386.68839	0.29620087	2.10570414	0.32357017	1	1
1937.461	1269.461	0.456624	0.690728	485.5432	1388.411	61.0011	0.279669	2.10211	0.45998387	487.914282	1410.32153	0.28327287	2.09693382	0.31015053	2	1
1937.614	1269.614	0.389071	0.685009	486.6754	1394.135	61.7114	0.248744	2.09802	0.3924572	489.06508	1416.21474	0.25237605	2.09280323	0.27795187	1	1
1937.766	1269.766	0.392993	0.681106	487.5123	1393.085	62.3925	0.250451	2.0981	0.39640535	489.920455	1415.33279	0.25411105	2.09284291	0.27973988	1	1
1937.918	1269.918	0.421067	0.679602	486.6164	1388.796	62.5435	0.26402	2.09631	0.42450551	489.04303	1411.2118	0.26770804	2.09101259	0.29389697	2	1
1938.071	1270.071	0.463165	0.679001	484.3584	1392.714	61.4923	0.283777	2.09979	0.46662983	486.803626	1415.29886	0.28749321	2.09445201	0.31442775	6	1
1938.223	1270.223	0.4735	0.6796	481.9035	1387.118	60.8085	0.284265	2.1156	0.47699099	484.3672	1409.87078	0.2880092	2.11022169	0.31493778	6	1
1938.376	1270.376	0.476388	0.678901	481.1913	1371.546	62.5825	0.281401	2.13024	0.47990531	483.673594	1394.46775	0.28517337	2.12482111	0.31197244	6	1
1938.528	1270.528	0.482795	0.6739968	482.5599	1363.971	62.39163	0.2838587	2.1338	0.48633846	485.060666	1387.06057	0.28765905	2.1283408	0.314525	1	1
1938.68	1270.68	0.474886	0.665014	484.7096	1368.274	63.0526	0.282278	2.12459	0.47845561	487.228838	1391.53134	0.28610633	2.11909048	0.31289031	1	1
1938.833	1270.833	0.457941	0.656007	485.96	1386.239	59.9478	0.275325	2.11792	0.46153693	488.49783	1409.66518	0.2791815	2.11237991	0.30567882	6	1
1938.985	1270.985	0.473	0.650309	486.321	1397.617	60.5676	0.283081	2.1186	0.47662207	488.8773	1421.21086	0.28696547	2.1130196	0.31373131	6	1
1939.138	1271.138	0.458247	0.654497	486.0813	1397.023	61.645	0.27477	2.12019	0.46189539	488.656191	1420.7856	0.27868263	2.11456903	0.30511076	1	1
1939.29	1271.29	0.458699	0.659392	486.8559	1387.253	63.1444	0.27607	2.11681	0.46237353	489.44926	1411.18319	0.2800106	2.11114872	0.30646508	1	1
1939.442	1271.442	0.462208	0.662695	487.5156	1370.043	63.3468	0.279697	2.1111	0.46590867	490.127429	1394.14073	0.28366557	2.10539842	0.31023405	1	1
1939.595	1271.595	0.472376	0.661901	487.7519	1361.359	61.2639	0.284435	2.1131	0.47610299	490.382318	1385.62533	0.28843172	2.10735785	0.31515166	6	1
1939.747	1271.747	0.4625	0.665295	486.38	1356.088	59.1239	0.276356	2.1223	0.46625313	489.028884	1380.52179	0.28038068	2.11651755	0.30677462	4	1
1939.9	1271.9	0.447859	0.678279	485.251	1351.096	60.825	0.265233	2.13326	0.45163844	487.918472	1375.69829	0.26928583	2.12743699	0.29521458	2	1
1940.052	1272.052	0.408863	0.684091	488.4049	1336.183	60.9537	0.241698	2.14458	0.41266857	491.090838	1360.95265	0.24577879	2.13871669	0.27064832	2	1
1940.204	1272.204	0.380653	0.687597	503.0719	1301.602	61.6069	0.226441	2.14959	0.38448471	505.776303	1326.53897	0.23054975	2.14368639	0.25464504	2	1
1940.357	1272.357	0.351394	0.692891	529.7341	1260.033	56.6697	0.216682	2.14083	0.35525201	532.457088	1285.13834	0.22081889	2.13488583	0.24437513	2	1
1940.509	1272.509	0.3433	0.7197791	555.5399	1230.302	51.64223	0.22293	2.116	0.34718415	558.281352	1255.57456	0.22709484	2.11001554	0.25096044	8	2

1940.662	1272.662	0.324077	0.721198	565.4644	1228.993	49.9303	0.224115	2.09538	0.32798745	568.224436	1254.43383	0.22830797	2.08935499	0.25221156	8	2
1940.814	1272.814	0.371462	0.700416	556.321	1246.876	53.6732	0.246264	2.08461	0.37539858	559.099498	1272.48396	0.25048492	2.0785447	0.27544757	8	2
1940.966	1272.966	0.420604	0.694809	529.1828	1267.414	61.0696	0.264968	2.09293	0.42456671	531.97976	1293.18905	0.26921687	2.08682441	0.29496808	2	1
1941.119	1273.119	0.423094	0.691902	503.8661	1265.392	63.1171	0.259107	2.11355	0.42708301	506.681642	1291.33519	0.26338399	2.10740386	0.28886632	1	1
1941.271	1273.271	0.3817	0.687307	487.8733	1266.702	65.2268	0.230771	2.1387	0.38571513	490.707302	1292.81218	0.23507593	2.13251358	0.25922435	2	1
1941.424	1273.424	0.339569	0.675718	484.424	1276.567	61.4526	0.209712	2.14637	0.34361043	487.276583	1302.84522	0.21404506	2.14014303	0.23704938	2	1
1941.576	1273.576	0.387423	0.681091	486.3177	1308.3	61.2437	0.233693	2.13791	0.39149055	489.188742	1334.74512	0.23805399	2.13164275	0.2623	2	1
1941.728	1273.728	0.457734	0.6808	490.4989	1351.946	61.3265	0.272909	2.1253	0.46182768	493.388401	1378.55798	0.27729793	2.11899247	0.30324852	6	1
1941.881	1273.881	0.500398	0.639265	493.8891	1395.605	66.1994	0.297172	2.12151	0.50451797	496.797179	1422.38489	0.30158904	2.11516193	0.32839761	4	1
1942.033	1274.033	0.5158	0.595468	498.254	1434.139	68.6256	0.306569	2.1188	0.51994609	501.180536	1461.08565	0.31101397	2.11241165	0.33810528	6	1
1942.186	1274.186	0.532732	0.575416	502.4155	1458.861	71.6211	0.3168	2.11661	0.53690438	505.360614	1485.97546	0.32127308	2.11018111	0.34865305	6	1
1942.338	1274.338	0.546678	0.576798	505.1132	1482.435	73.9825	0.326339	2.11101	0.5508765	508.076769	1509.71613	0.33084001	2.10454084	0.35846846	6	1
1942.49	1274.49	0.526186	0.5855968	505.891	1488.313	77.20427	0.3156597	2.1073	0.53041061	508.873024	1515.76076	0.32018863	2.10079057	0.34748725	13	1
1942.643	1274.643	0.51772	0.590392	505.4152	1484.749	76.043	0.310283	2.10949	0.5219709	508.4158	1512.36444	0.31484003	2.10294003	0.34195189	13	1
1942.795	1274.795	0.5351	0.593498	504.6997	1468.746	73.3467	0.317915	2.1175	0.53937701	507.718753	1496.52797	0.32249995	2.11090976	0.34981739	13	1
1942.948	1274.948	0.541275	0.598592	504.342	1459.475	71.6819	0.320454	2.12128	0.5455783	507.379628	1487.42456	0.32506705	2.11464923	0.35243423	6	1
1943.1	1275.1	0.514122	0.600498	503.9252	1459.915	70.0248	0.305088	2.1207	0.51845141	506.98128	1488.031	0.30972896	2.11402897	0.33660633	1	1
1943.252	1275.252	0.50664	0.599801	503.085	1465.3	69.7755	0.301828	2.11741	0.51099552	506.159531	1493.5824	0.30649687	2.1106987	0.33324528	1	1
1943.405	1275.405	0.46932	0.597304	501.3029	1473.377	68.1841	0.280445	2.12079	0.47370179	504.396004	1501.82684	0.28514196	2.11403818	0.31111885	1	1
1943.557	1275.557	0.4728	0.605287	498.3131	1465.763	68.2135	0.280065	2.1282	0.4772079	501.424654	1494.37915	0.28478987	2.12140792	0.3107288	1	1
1943.71	1275.71	0.453677	0.609393	495.0443	1464.811	68.2221	0.268257	2.13338	0.45811118	498.174425	1493.5945	0.27300996	2.1265474	0.29846632	1	1
1943.862	1275.862	0.4536	0.616389	490.8041	1470.528	67.789	0.268706	2.1318	0.45806028	493.952674	1499.47772	0.27348686	2.12492714	0.29893755	1	1
1944.014	1276.014	0.456611	0.607314	490.2002	1489.163	67.1339	0.273569	2.12129	0.46109738	493.367222	1518.27889	0.27837776	2.11437688	0.30399709	1	1
1944.167	1276.167	0.470866	0.599806	490.2592	1501.178	65.197	0.283934	2.11212	0.47537866	493.444791	1530.4611	0.28877084	2.10516637	0.3147577	4	1
1944.319	1276.319	0.4781	0.584924	490.0197	1505.386	65.1487	0.289354	2.107	0.48263876	493.223738	1534.83518	0.29421873	2.10000611	0.32037671	4	1
1944.472	1276.472	0.467044	0.581515	488.6544	1498.966	61.69211	0.2806943	2.11606	0.47160903	491.877005	1528.58231	0.28558711	2.1090256	0.3114067	4	1
1944.624	1276.624	0.480878	0.596675	487.8142	1485.953	61.8232	0.284787	2.12708	0.48546913	491.055251	1515.73529	0.28970769	2.12000535	0.31565432	4	1
1944.776	1276.776	0.476461	0.614386	486.0748	1455.077	63.0772	0.278318	2.14081	0.48107822	489.334295	1485.02524	0.28326658	2.1336951	0.30894942	1	1
1944.929	1276.929	0.452158	0.630973	481.8542	1414.069	66.4007	0.262813	2.14848	0.45680149	485.132261	1444.18422	0.26778965	2.14132459	0.2928331	1	1
1945.081	1277.081	0.4484	0.638494	475.1624	1350.719	64.6132	0.257247	2.1602	0.45306958	478.458905	1381.00007	0.26225153	2.15300435	0.287036	3	1
1945.234	1277.234	0.432265	0.67514	467.8503	1286.413	61.6228	0.245309	2.17096	0.43696085	471.165369	1316.86097	0.2503416	2.16372384	0.27457087	4	1
1945.386	1277.386	0.42581	0.70555	464.3059	1245.166	60.3354	0.239283	2.17939	0.43053194	467.639411	1275.77973	0.24434347	2.1721136	0.26826657	4	1
1945.538	1277.538	0.408986	0.7443041	463.6495	1215.852	61.61728	0.233018	2.17127	0.41373403	467.001452	1246.63145	0.23810635	2.16395337	0.26170155	4	1
1945.691	1277.691	0.400228	0.758677	465.3101	1209.317	60.1084	0.234272	2.15406	0.40500229	468.680615	1240.2632	0.23938841	2.14670286	0.26302155	4	1
1945.843	1277.843	0.4148	0.7665038	465.7926	1207.627	57.862	0.24448	2.1451	0.41960037	469.181555	1238.73883	0.24962428	2.13770263	0.27372041	3	1
1945.996	1277.996	0.425358	0.77888	464.0105	1208.458	54.3723	0.245683	2.15805	0.43018463	467.418016	1239.7365	0.25085533	2.15061213	0.27498312	3	1
1946.148	1278.148	0.406715	0.795886	460.8435	1207.509	55.4942	0.229089	2.17988	0.41156771	464.269454	1238.95303	0.2342892	2.1724019	0.25759305	1	1
1946.3	1278.3	0.415115	0.800992	460.0689	1210.62	52.9712	0.23234	2.18349	0.4199938	463.513293	1242.22952	0.23756806	2.17597167	0.26101107	1	1
1946.453	1278.453	0.433556	0.77509	463.3377	1225.015	55.46591	0.2467622	2.16854	0.43846105	466.800651	1256.79105	0.2520183	2.16098117	0.27612438	3	1
1946.605	1278.605	0.4752	0.738457	469.1336	1254.05	55.6032	0.275729	2.1473	0.48013113	472.614988	1285.99145	0.28101296	2.13970095	0.30631176	1	1
1946.758	1278.758	0.481774	0.71312	475.018	1288.402	57.7435	0.282233	2.13744	0.48673138	478.517946	1320.50989	0.287545	2.12980046	0.31306509	1	1
1946.91	1278.91	0.482299	0.688838	477.7815	1315.468	56.9021	0.284141	2.13191	0.48728246	481.299881	1347.74119	0.28948086	2.12423023	0.31504731	4	1
1947.062	1279.062	0.440879	0.683204	476.9478	1339.032	57.0534	0.260855	2.1356	0.44588854	480.484616	1371.47046	0.26622271	2.12788001	0.29085187	2	1
1947.215	1279.215	0.427532	0.685297	475.2839	1344.5	60.1318	0.254753	2.13331	0.43256778	478.839272	1377.10476	0.26014874	2.12554952	0.2844928	2	1
1947.367	1279.367	0.4337	0.693986	474.447	1342.363	60.3245	0.25802	2.1329	0.43876186	478.020805	1375.13293	0.26344359	2.1250993	0.28790504	2	1
1947.52	1279.52	0.454218	0.700185	475.041	1334.043	57.10878	0.2715692	2.12364	0.4593061	478.633359	1366.97914	0.27702082	2.11579882	0.30201505	2	1
1947.672	1279.672	0.465582	0.698503	476.1142	1338.894	57.2404	0.279655	2.11691	0.47069617	479.724991	1371.99522	0.28513446	2.10902861	0.31041611	4	1
1947.824	1279.824	0.469205	0.6973034	478.0276	1335.422	58.5134	0.2835622	2.11049	0.47434524	481.656823	1368.68826	0.2890695	2.10256839	0.31447233	4	1
1947.977	1279.977	0.47239	0.700295	478.976	1323.19	61.3824	0.286261	2.10721	0.47755648	482.623775	1356.62234	0.29179633	2.09924792	0.31727333	6	1
1948.129	1280.129	0.509	0.703398	479.5176	1313.124	60.4811	0.305187	2.1103	0.51419255	483.183805	1346.72128	0.31075016	2.1022977	0.33684546	1	1
1948.282	1280.282	0.505614	0.705297	479.1599	1308.251	60.6645	0.301782	2.11558	0.51083279	482.844656	1342.01427	0.30737318	2.10753723	0.33333486	1	1
1948.434	1280.434	0.483718	0.7048	479.4585	1307.516	62.3806	0.286839	2.12539	0.48896285	483.161685	1341.44412	0.29245801	2.11730702	0.31788458	1	1
1948.586	1280.586	0.486105	0.700707	481.0108	1312.891	59.891	0.288736	2.12339	0.49137592	484.732413	1346.98393	0.29438284	2.11526682	0.31985339	4	1
1948.739	1280.739	0.491786	0.694205	484.2829	1321.457	58.9142	0.29435	2.11492	0.49708315	488.023062	1355.71578	0.30002485	2.10675635	0.32566708	1	1
1948.891	1280.891	0.4971	0.685714	486.6196	1339.14	56.6637	0.300165	2.1051	0.50242321	490.378189	1373.5635	0.30586767	2.09689614	0.33168144	1	1
1949.044	1281.044	0.500688	0.676307	487.8077	1347.23	60.191	0.30183	2.1061	0.50603744	491.584836	1381.81926	0.30756068	2.09785568	0.33340516	4	1
1949.196	1281.196	0.465057	0.671008	486.2619	1346.423	60.9095	0.281254	2.11089	0.4704325	490.057461	1381.17689	0.2870125	2.10260548	0.31211648	6	1
1949.348	1281.348	0.439894	0.6709	483.2163	1331.72	60.6687	0.264893	2.12141	0.44529556	487.030286	1366.63848	0.27067931	2.11308528	0.29512038	2	1

1949.501	1281.501	0.431819	0.6811747	480.6564	1305.313	58.69718	0.2577218	2.13088	0.43724678	484.488932	1340.3971	0.26353611	2.12251482	0.28765272	2	1
1949.653	1281.653	0.4282	0.692582	480.6498	1283.886	58.7501	0.254734	2.1344	0.43365384	484.500755	1319.1346	0.26057613	2.12599462	0.28454002	2	1
1949.806	1281.806	0.443738	0.6977918	482.0184	1279.846	58.94835	0.2593806	2.14506	0.44921806	485.887899	1315.26013	0.26525072	2.13661417	0.28939058	2	1
1949.958	1281.958	0.452087	0.692608	482.3203	1292.576	58.2629	0.256391	2.16986	0.45759311	486.208221	1328.15454	0.26228893	2.16137398	0.28627726	2	1
1950.11	1282.11	0.441195	0.686505	478.8513	1294.733	56.3855	0.239663	2.20701	0.44672716	482.757643	1330.4759	0.24558873	2.19848379	0.26879515	3	1
1950.263	1282.263	0.438207	0.693589	472.8487	1287.007	57.7208	0.23708	2.21019	0.44376538	476.773585	1322.9153	0.24303372	2.20162333	0.26609261	3	1
1950.415	1282.415	0.4367	0.702193	467.3449	1266.104	58.857	0.242637	2.1879	0.44228443	471.288205	1302.17657	0.24861852	2.17929315	0.27191779	3	1
1950.568	1282.568	0.443174	0.711884	466.0387	1261.467	60.2992	0.254276	2.16071	0.44878465	470.000546	1297.70488	0.2602855	2.1520627	0.28408718	4	1
1950.72	1282.72	0.471277	0.696712	467.7617	1265.386	61.5608	0.273532	2.14741	0.47691369	471.741965	1301.78806	0.2795693	2.13872251	0.30414237	1	1
1950.872	1282.872	0.457757	0.683521	469.9113	1275.271	60.3397	0.267243	2.1438	0.46341974	473.909983	1311.8372	0.27330809	2.13507233	0.29760789	2	1
1951.025	1283.025	0.431064	0.680602	470.0886	1260.41	61.9209	0.253646	2.1423	0.43675295	474.105822	1297.14137	0.25973907	2.13353189	0.28344216	2	1
1951.177	1283.177	0.4127	0.696175	469.9705	1241.995	61.3988	0.244492	2.1419	0.41841499	474.006138	1278.89042	0.25061286	2.13309171	0.27388003	2	1
1951.33	1283.33	0.424254	0.719961	470.3282	1223.098	66.4637	0.251201	2.13911	0.4299952	474.382376	1260.1585	0.25734983	2.13026127	0.28089756	3	1
1951.482	1283.482	0.447063	0.7365595	471.9954	1231.72	64.40865	0.2658882	2.12982	0.45283024	476.067991	1268.94446	0.27206481	2.12093109	0.29621477	3	1
1951.634	1283.634	0.443416	0.744887	474.9853	1265.422	61.8947	0.264169	2.1293	0.44920928	479.076306	1302.81037	0.27037339	2.12037092	0.29442926	2	1
1951.787	1283.787	0.463851	0.7585962	476.531	1306.344	57.24389	0.2742084	2.13159	0.46967049	480.640541	1343.89732	0.28044076	2.12262048	0.30487423	2	1
1951.939	1283.939	0.4387	0.767685	475.8779	1334.01	55.4831	0.258456	2.1396	0.44454552	480.005855	1371.72714	0.26471614	2.13059031	0.2884852	3	1
1952.092	1284.092	0.427644	0.782088	472.55	1332.107	56.6994	0.252314	2.14099	0.43351573	476.696489	1369.989	0.25860209	2.13193988	0.28208083	2	1
1952.244	1284.244	0.380076	0.799871	471.9987	1305.77	57.6291	0.231561	2.13441	0.38597376	476.163601	1343.81574	0.23787687	2.12531971	0.26035771	1	1
1952.396	1284.396	0.362508	0.818885	473.9153	1276.118	58.178	0.227036	2.1257	0.36843179	478.098613	1314.32743	0.23337964	2.11656954	0.25560868	1	1
1952.549	1284.549	0.367388	0.829882	478.9695	1268.746	57.6728	0.229749	2.124	0.37333799	483.171345	1307.12015	0.23612059	2.11482911	0.25846344	2	1
1952.701	1284.701	0.3999	0.796626	483.4558	1286.032	59.3535	0.244469	2.1238	0.40587602	487.676055	1324.56975	0.25086836	2.11458895	0.27389791	2	1
1952.854	1284.854	0.44492	0.725908	485.7729	1325.615	61.7304	0.26635	2.1249	0.45092222	490.011685	1364.31738	0.2727773	2.11564853	0.29673292	2	1
1953.006	1285.006	0.4454	0.666891	485.2477	1348.415	65.4075	0.268289	2.11961	0.45142824	489.504894	1387.2809	0.27474406	2.11031837	0.29875446	1	1
1953.158	1285.158	0.447304	0.648529	485.1296	1358.116	66.1668	0.270461	2.11589	0.45335827	489.405202	1397.14537	0.27694382	2.10655821	0.30101733	1	1
1953.311	1285.311	0.450091	0.653692	487.148	1357.64	66.0528	0.274099	2.10902	0.45617146	491.442131	1396.83386	0.28060976	2.09964779	0.30480221	1	1
1953.463	1285.463	0.4533	0.6528017	492.2284	1361.578	64.98255	0.2781957	2.1014	0.45940648	496.540938	1400.93524	0.28473422	2.09198764	0.30906001	1	1
1953.616	1285.616	0.511766	0.645112	497.8733	1377.506	63.0939	0.31029	2.09801	0.51789867	502.204365	1417.02765	0.31685645	2.08855722	0.34225725	4	1
1953.768	1285.768	0.542276	0.6225001	501.5326	1406.068	63.09691	0.3282205	2.095	0.54843469	505.882071	1445.75294	0.3348147	2.08550707	0.36071101	1	1
1953.92	1285.92	0.563771	0.600535	502.0151	1438.336	60.9939	0.341358	2.0919	0.56995571	506.382976	1478.18419	0.34797995	2.08236692	0.37419285	1	1
1954.073	1286.073	0.527088	0.595204	502.4319	1463.078	62.8335	0.321413	2.08891	0.5332989	506.818301	1503.09046	0.32806288	2.07933651	0.35372226	1	1
1954.225	1286.225	0.5126	0.592305	504.342	1486.649	60.6531	0.315724	2.0812	0.51883691	508.746804	1526.82462	0.32240162	2.07158636	0.34787192	4	1
1954.378	1286.378	0.505628	0.587304	506.3013	1498.891	60.1156	0.314384	2.07323	0.5118911	510.724628	1539.23081	0.32108954	2.06357595	0.34649614	4	1
1954.53	1286.53	0.482737	0.577316	506.787	1499.537	58.0958	0.303763	2.06881	0.48902611	511.22873	1540.03988	0.31049628	2.05911581	0.3355497	2	1
1954.682	1286.682	0.461036	0.584194	504.7555	1488.284	59.4703	0.291291	2.07331	0.46735112	509.215632	1528.9499	0.29805202	2.06357567	0.3226642	4	1
1954.835	1286.835	0.421096	0.605166	503.0916	1466.295	60.0971	0.270036	2.07909	0.4274373	507.570254	1507.12495	0.27682494	2.06931526	0.30062126	2	1
1954.987	1286.987	0.452874	0.616582	503.446	1459.803	62.5356	0.286008	2.077	0.45924131	507.943054	1500.79589	0.29282467	2.06718512	0.31720229	4	1
1955.14	1287.14	0.490649	0.613505	505.4677	1472.038	61.7584	0.308072	2.06814	0.49704249	509.983275	1513.19485	0.31491658	2.05828472	0.34001175	2	1
1955.292	1287.292	0.499386	0.604514	507.0824	1497.112	60.1869	0.313281	2.0661	0.5058055	511.616374	1538.4317	0.32015331	2.05620459	0.34538473	4	1
1955.444	1287.444	0.501849	0.5976165	504.3321	1512.517	57.35897	0.3113276	2.07663	0.5082945	508.884472	1553.9995	0.31822763	2.06669445	0.34337615	4	1
1955.597	1287.597	0.469902	0.600196	499.3436	1493.988	60.7925	0.288175	2.09693	0.47637367	503.91449	1535.63433	0.29510294	2.08695406	0.31946342	4	1
1955.749	1287.749	0.4734	0.6162988	492.6452	1455.143	59.77307	0.2839539	2.1164	0.47989768	497.234487	1496.95204	0.29090956	2.10638393	0.31509444	1	1
1955.902	1287.902	0.44591	0.631176	485.8713	1410.092	60.2337	0.267665	2.12238	0.45243385	490.479104	1452.06478	0.27464856	2.11232354	0.29818447	4	1
1956.054	1288.054	0.450097	0.638594	479.2845	1369.488	59.5658	0.270076	2.1216	0.45664685	483.9107	1411.62341	0.27708727	2.11150341	0.30069612	2	1
1956.206	1288.206	0.447389	0.652977	473.5477	1343.298	58.7559	0.269699	2.1184	0.45396485	478.192295	1385.59599	0.27673798	2.10826328	0.30030827	2	1
1956.359	1288.359	0.434132	0.674882	471.6442	1318.08	59.1792	0.263025	2.1182	0.44073401	476.30731	1360.5416	0.27009188	2.1080229	0.29336725	2	1
1956.511	1288.511	0.4544	0.687879	473.7282	1311.336	57.0538	0.27128	2.1249	0.46102801	478.409704	1353.96009	0.27837459	2.11468277	0.30196026	2	1
1956.664	1288.664	0.466162	0.680906	476.7641	1317.046	61.0794	0.276345	2.12869	0.47281617	481.464118	1359.83361	0.28346747	2.11843239	0.30722616	6	1
1956.816	1288.816	0.458213	0.662429	477.6075	1334.102	60.6848	0.271952	2.1292	0.46489317	482.32591	1377.05202	0.27910218	2.11890227	0.30266703	6	1
1956.968	1288.968	0.447796	0.648023	475.9337	1323.354	62.0761	0.269879	2.11849	0.45450216	480.670501	1366.46638	0.27705688	2.10815215	0.30051623	2	1
1957.121	1289.121	0.443411	0.652093	472.4253	1279.577	61.6399	0.271423	2.10683	0.45014332	477.180613	1322.85276	0.27862876	2.09645177	0.30212553	2	1
1957.273	1289.273	0.4346	0.67067	470.151	1216.337	58.1533	0.270044	2.0978	0.44135831	474.924703	1259.77504	0.27727746	2.08738166	0.3006961	2	1
1957.426	1289.426	0.410098	0.6840671	470.745	1200.292	56.69397	0.2605636	2.09153	0.41688247	475.537214	1243.89333	0.26782493	2.08107128	0.29083224	2	1
1957.578	1289.578	0.401314	0.698077	473.4263	1219.885	53.0928	0.257172	2.0898	0.40812446	478.236903	1263.64852	0.26446103	2.07930117	0.28730072	2	1
1957.73	1289.73	0.409354	0.7037895	476.2357	1256.216	55.47439	0.2571198	2.10032	0.41619044	481.064691	1300.14166	0.26443652	2.08978106	0.28725043	2	1
1957.883	1289.883	0.443192	0.697011	476.8888	1266.666	54.459	0.269311	2.11296	0.45005459	481.7363	1310.75482	0.27665559	2.10238069	0.29995055	2	1
1958.035	1290.035	0.471	0.689706	476.1175	1276.249	56.5818	0.278822	2.1291	0.47788858	480.983386	1320.49988	0.28619427	2.11848059	0.30983448	2	1
1958.188	1290.188	0.454167	0.694991	473.4428	1286.232	56.1816	0.266979	2.13836	0.46108173	478.327194	1330.64595	0.27437914	2.12770022	0.29753314	2	1

1958.34	1290.34	0.449504	0.70759	471.8805	1286.272	58.2255	0.26249	2.14489	0.45644471	476.783279	1330.84792	0.26991782	2.13419012	0.29286415	2	1
1958.492	1290.492	0.430312	0.716186	469.7899	1276.606	56.6238	0.25211	2.1459	0.43727869	474.711064	1321.34384	0.25956549	2.13516001	0.28204328	3	1
1958.645	1290.645	0.437583	0.711803	468.3623	1276.009	57.4931	0.25642	2.1442	0.44457584	473.301969	1320.90978	0.26390335	2.13341965	0.28654556	3	1
1958.797	1290.797	0.4514	0.709603	467.5221	1287.584	57.0026	0.263959	2.1434	0.45841881	472.480153	1332.64662	0.27147003	2.13257955	0.29440643	2	1
1958.95	1290.95	0.466639	0.705107	468.592	1295.907	57.4981	0.273154	2.14011	0.47368396	473.568557	1341.13247	0.28069288	2.12924919	0.3039742	2	1
1959.102	1291.102	0.488964	0.698211	471.3391	1300.587	53.8823	0.286865	2.13521	0.49603493	476.334039	1345.97422	0.29443155	2.1243091	0.31820189	2	1
1959.254	1291.254	0.45577	0.686818	472.4155	1301.546	55.1026	0.267392	2.13981	0.4628669	477.42882	1347.09492	0.27498622	2.128869	0.2979919	3	1
1959.407	1291.407	0.418789	0.6785196	469.4421	1297.023	56.52616	0.2459522	2.14678	0.42591205	474.473922	1342.73464	0.25357426	2.13579865	0.27563346	3	1
1959.559	1291.559	0.3797	0.6787	463.3476	1281.858	60.0537	0.222945	2.1583	0.38684901	468.397803	1327.73126	0.23059472	2.14727856	0.25150406	1	1
1959.712	1291.712	0.350716	0.710299	458.7693	1258.323	57.93505	0.2099273	2.1582	0.35789115	463.838003	1304.35889	0.21760487	2.14713821	0.23778529	1	1
1959.864	1291.864	0.396127	0.742148	461.0173	1246.79	60.8694	0.232756	2.15261	0.40332812	466.104382	1292.98742	0.24046122	2.14150812	0.26182188	4	1
1960.016	1292.016	0.451117	0.715021	471.4243	1272.625	60.4776	0.265851	2.13678	0.45834409	476.52976	1318.9839	0.27358388	2.12563804	0.29640918	2	1
1960.169	1292.169	0.524424	0.658886	485.6285	1321.598	62.7439	0.310341	2.12283	0.53167722	490.752459	1368.11941	0.31810171	2.11164769	0.342487	1	1
1960.321	1292.321	0.564	0.61973	499.5077	1384.969	61.1916	0.338918	2.1015	0.57127918	504.650036	1431.6518	0.34670636	2.09027761	0.37186425	1	1
1960.474	1292.474	0.563701	0.598633	509.1368	1445.947	63.9092	0.343308	2.08457	0.57100632	514.297633	1492.79222	0.35112419	2.07330726	0.37636663	1	1
1960.626	1292.626	0.51374	0.583312	515.4349	1492.34	66.1711	0.318773	2.07311	0.52107128	520.614108	1539.34653	0.32661684	2.06180718	0.35118314	4	1
1960.778	1292.778	0.49301	0.565628	517.5287	1544.184	66.9342	0.308721	2.06999	0.50036724	522.726283	1591.35179	0.31659248	2.05864711	0.34083338	4	1
1960.931	1292.931	0.49938	0.564502	517.9456	1553.213	66.978	0.314178	2.06322	0.50676336	523.161678	1600.54308	0.32207731	2.05183677	0.34646094	4	1
1961.083	1293.083	0.5326	0.563901	517.2301	1556.823	64.6741	0.334148	2.0559	0.54000932	522.464552	1604.31425	0.34207495	2.0444767	0.36699294	4	1
1961.236	1293.236	0.529512	0.564399	516.577	1557.535	64.7415	0.332986	2.05421	0.53694745	521.829946	1605.18845	0.34094076	2.04274636	0.36580473	4	1
1961.388	1293.388	0.537094	0.566898	515.6186	1567.555	65.2368	0.336623	2.0558	0.5445554	520.889918	1615.36954	0.3446054	2.04429629	0.36953984	4	1
1961.54	1293.54	0.530114	0.567699	513.5904	1579.137	65.4884	0.331093	2.0616	0.53760135	518.88009	1627.11259	0.33910303	2.05005622	0.36386995	4	1
1961.693	1293.693	0.547558	0.5670084	513.2327	1577.355	66.81538	0.3389826	2.06739	0.55507148	518.540881	1625.49265	0.34702044	2.05580589	0.37196728	4	1
1961.845	1293.845	0.506	0.576385	512.2186	1564.7	65.6725	0.315973	2.0687	0.51353943	517.545152	1612.99861	0.32403847	2.05707582	0.34833397	4	1
1961.998	1293.998	0.487773	0.591588	511.6836	1557.328	65.6999	0.308207	2.06302	0.49533855	517.028642	1605.78859	0.31630028	2.0513555	0.34033631	4	1
1962.15	1294.15	0.453355	0.60388	510.6071	1553.607	62.6069	0.292405	2.05871	0.46094649	515.970511	1602.22846	0.3005259	2.04700543	0.32401939	4	1
1962.302	1294.302	0.487013	0.620686	509.9508	1548.451	63.028	0.306828	2.06612	0.49463044	515.332579	1597.23329	0.31497652	2.05437537	0.33892233	4	1
1962.455	1294.455	0.49518	0.621998	510.0688	1538.586	65.4794	0.308115	2.07558	0.50282355	515.469068	1587.53014	0.31629132	2.06379505	0.34025376	4	1
1962.607	1294.607	0.529	0.618703	511.0831	1525.674	71.4905	0.325699	2.0778	0.5366695	516.501735	1574.77888	0.33390294	2.06597499	0.35835849	1	1
1962.76	1294.76	0.544737	0.607019	511.3817	1526.981	75.4457	0.335782	2.07312	0.55243261	516.818822	1576.24764	0.34401373	2.06125467	0.36871413	6	1
1962.912	1294.912	0.556182	0.59442	511.3817	1540.213	79.966	0.342266	2.0729	0.56390355	516.837187	1589.64029	0.35052534	2.06099462	0.3753646	13	1
1963.064	1295.064	0.506739	0.582619	510.7877	1549.422	80.2131	0.314926	2.0734	0.51448649	516.261552	1599.00991	0.32321295	2.06145456	0.34728873	13	1
1963.217	1295.217	0.531022	0.580404	511.3817	1548.471	79.8025	0.328101	2.0734	0.5387956	516.874038	1598.22053	0.33641574	2.06141425	0.36084264	13	1
1963.369	1295.369	0.4968	0.583897	511.024	1537.607	76.0873	0.311111	2.0687	0.50459954	516.534701	1587.51706	0.31945334	2.0566742	0.34336688	13	1
1963.522	1295.522	0.518314	0.581903	509.0614	1517.995	74.1231	0.321284	2.07298	0.52613964	514.590585	1568.0666	0.32965413	2.06091389	0.35384424	13	1
1963.674	1295.674	0.487025	0.5741173	503.6298	1502.652	69.48206	0.3003755	2.08659	0.49487658	509.177347	1552.88404	0.30877323	2.07448384	0.33229953	1	1
1963.826	1295.826	0.461106	0.588377	496.577	1481.729	66.4383	0.281018	2.10511	0.46898351	502.142909	1532.12144	0.28944333	2.0929638	0.31226982	4	1
1963.979	1295.979	0.468183	0.61338	489.9179	1449.015	64.6712	0.280522	2.11857	0.47608661	495.502291	1499.56885	0.2889751	2.10638349	0.31175953	4	1
1964.131	1296.131	0.448	0.631071	485.7237	1410.509	66.2005	0.267815	2.1253	0.45592954	491.326451	1461.22316	0.27629569	2.11307345	0.29856468	1	1
1964.284	1296.284	0.446904	0.6313	482.2776	1376.393	68.9612	0.267374	2.1249	0.45485964	487.898831	1427.26848	0.27588247	2.11263315	0.29811008	1	1
1964.436	1296.436	0.406365	0.631999	479.7013	1360.646	70.3257	0.248876	2.11991	0.41434657	485.34089	1411.6817	0.25741206	2.10760311	0.27882752	1	1
1964.588	1296.588	0.41632	0.632699	478.5067	1358.848	69.245	0.255193	2.11539	0.4243275	484.164649	1410.04388	0.26375664	2.10304307	0.28542773	1	1
1964.741	1296.741	0.42867	0.638391	480.2888	1367.762	66.9106	0.262996	2.11011	0.43670359	485.965227	1419.11907	0.27158741	2.09772277	0.29356558	1	1
1964.893	1296.893	0.4433	0.635405	483.2163	1382.343	66.4821	0.271213	2.1073	0.45135952	488.911084	1433.86017	0.27983199	2.09487274	0.30211868	1	1
1965.046	1297.046	0.452264	0.628311	484.8211	1387.217	67.7819	0.27718	2.10292	0.46034961	490.534361	1438.89527	0.28582675	2.09045244	0.30832075	1	1
1965.198	1297.198	0.455095	0.621511	485.4841	1387.952	67.678	0.281543	2.09391	0.46320653	491.215717	1439.79028	0.29021732	2.08140241	0.31285144	1	1
1965.35	1297.35	0.474223	0.615105	485.9632	1381.52	66.1586	0.294046	2.08549	0.48236045	491.713172	1433.51824	0.3027479	2.07294238	0.32580329	1	1
1965.503	1297.503	0.488654	0.612404	486.5573	1389.002	63.5207	0.303047	2.08082	0.49681754	492.325747	1441.16122	0.31177665	2.06823209	0.33510725	1	1
1965.655	1297.655	0.5179	0.6042916	486.1996	1394.995	62.73697	0.319283	2.0789	0.52608946	491.9864	1447.3141	0.32804022	2.06627207	0.35184317	1	1
1965.808	1297.808	0.493797	0.586528	486.1996	1400.699	60.7048	0.307996	2.07362	0.50201255	492.004874	1453.17898	0.31678097	2.06095178	0.34022139	2	1
1965.96	1297.96	0.495698	0.593494	487.0955	1407.519	62.3914	0.311346	2.06611	0.50393946	492.919127	1460.15878	0.32015854	2.05340176	0.34367879	2	1
1966.112	1298.112	0.520884	0.61187	489.7834	1415.773	60.1854	0.324681	2.06631	0.52915137	495.625378	1468.57253	0.3335211	2.05356174	0.35740639	1	1
1966.265	1298.265	0.501247	0.626188	493.7118	1433.738	61.511	0.311852	2.07388	0.50954046	499.57225	1486.69828	0.32071984	2.06109146	0.3442084	2	1
1966.417	1298.417	0.5013	0.597944	496.7049	1444.759	59.7114	0.308388	2.0853	0.50961937	502.5837	1497.87895	0.3172834	2.07247144	0.34064199	2	1
1966.57	1298.57	0.485451	0.571621	497.5353	1452.612	61.7093	0.297549	2.09308	0.49379645	503.432571	1505.89262	0.30647214	2.08021116	0.32945758	2	1
1966.722	1298.722	0.467629	0.567407	496.8231	1452.875	62.6971	0.286501	2.09849	0.47600036	502.73872	1506.3152	0.29545169	2.08558115	0.31803121	4	1
1966.874	1298.874	0.466983	0.576286	495.5694	1445.944	63.8619	0.286006	2.099	0.47538026	501.503368	1499.54373	0.29498424	2.08605113	0.31752255	4	1
1967.027	1299.027	0.44625	0.581292	494.6176	1435.953	64.3938	0.277264	2.09341	0.45467334	500.570036	1489.71327	0.28626997	2.08042086	0.30846161	4	1

1967.179	1299.179	0.495	0.586492	492.7633	1415.162	60.558	0.304496	2.087	0.50344924	498.734083	1469.08172	0.31352952	2.07397085	0.33664786	2	1
1967.332	1299.332	0.489821	0.596692	491.28	1398.52	59.5457	0.303968	2.07983	0.49829632	497.269251	1452.60018	0.31302925	2.06676058	0.3361071	2	1
1967.484	1299.484	0.510766	0.606983	490.0821	1382.488	56.8481	0.315933	2.0772	0.51926722	496.089696	1436.72754	0.32502179	2.06409057	0.34844444	4	1
1967.636	1299.636	0.498898	0.6176926	488.4049	1382.113	57.11713	0.3091134	2.07871	0.50742512	494.430841	1436.51186	0.31822973	2.06556057	0.34142268	4	1
1967.789	1299.789	0.497803	0.619697	486.0288	1387.939	58.2752	0.305849	2.08748	0.50635619	492.073206	1442.49818	0.31499305	2.0742903	0.33806027	4	1
1967.941	1299.941	0.4597	0.631291	484.2928	1384.253	59.1479	0.28202	2.0997	0.46827909	490.35555	1438.97142	0.29119158	2.0864703	0.31342027	6	1
1968.094	1300.094	0.458007	0.652166	483.8169	1370.735	62.1326	0.280671	2.10119	0.46661216	489.898114	1425.61366	0.2898703	2.08792004	0.31202547	6	1
1968.246	1300.246	0.444611	0.663591	483.5773	1358.313	61.5926	0.274434	2.0995	0.45324205	489.676856	1413.35081	0.28366083	2.08619004	0.30555625	2	1
1968.398	1300.398	0.447585	0.670289	484.7687	1347.604	60.7108	0.277175	2.0957	0.45624194	490.886598	1402.80091	0.28642935	2.08235004	0.30840634	6	1
1968.551	1300.551	0.43823	0.67669	484.8868	1331.385	59.0315	0.271864	2.09769	0.44691301	491.02316	1386.74202	0.28114606	2.08429978	0.30289447	6	1
1968.703	1300.703	0.4487	0.685386	484.2337	1310.893	59.4625	0.278591	2.0931	0.4574089	490.3884	1366.40904	0.28790059	2.07966979	0.30988413	6	1
1968.856	1300.856	0.45617	0.693088	481.9724	1300.161	61.2961	0.282547	2.0925	0.46490496	488.14556	1355.83707	0.29188429	2.07902954	0.31399139	6	1
1969.008	1301.008	0.44991	0.691503	479.9377	1316.918	62.0021	0.276385	2.10169	0.45867085	486.129199	1372.753	0.28574981	2.08817955	0.30760277	2	1
1969.16	1301.16	0.447991	0.684811	478.382	1338.198	62.5683	0.270359	2.11731	0.45677774	484.591838	1394.1919	0.27975132	2.10375956	0.30134666	1	1
1969.313	1301.313	0.437226	0.682402	477.5517	1351.999	63.6826	0.262378	2.12498	0.44603879	483.779996	1408.15279	0.27179802	2.11138931	0.29304617	2	1
1969.465	1301.465	0.4503	0.681901	476.4752	1353.82	65.1245	0.268192	2.1279	0.45913868	482.721833	1410.1326	0.27763953	2.11426932	0.29910158	1	1
1969.618	1301.618	0.468826	0.6766987	474.9885	1349.304	62.82384	0.2770022	2.13119	0.47769073	481.25359	1405.77641	0.28647742	2.11751907	0.30825998	1	1
1969.77	1301.77	0.432359	0.67021	471.8838	1339.99	60.8763	0.256016	2.13699	0.44124961	478.167226	1396.62113	0.26551873	2.12327909	0.28642733	2	1
1969.922	1301.922	0.447371	0.674596	467.4598	1322.773	60.0032	0.262997	2.1396	0.4562875	473.761561	1379.56281	0.27252724	2.12584911	0.29370734	2	1
1970.075	1302.075	0.429244	0.689576	463.9514	1311.48	60.6261	0.254322	2.13731	0.43818655	470.271616	1368.42949	0.26387992	2.12351887	0.28466821	2	1
1970.227	1302.227	0.4476	0.707386	463.4657	1310.499	59.5256	0.267894	2.1244	0.45656842	469.80425	1367.60709	0.27747942	2.11056889	0.29881226	2	1
1970.38	1302.38	0.454074	0.706801	466.7936	1316.442	57.9975	0.275841	2.10996	0.46306847	473.150604	1373.70968	0.2854541	2.09608865	0.30707509	6	1
1970.532	1302.532	0.513205	0.699312	469.7867	1326.475	60.2841	0.308792	2.10591	0.52222535	476.162036	1383.90119	0.3184326	2.09199868	0.34116913	1	1
1970.684	1302.684	0.501371	0.694508	472.8913	1319.212	61.6217	0.299998	2.11362	0.51041722	479.284968	1376.79666	0.30966609	2.09966871	0.33209849	1	1
1970.837	1302.837	0.483457	0.690107	471.0502	1318.854	63.7425	0.286175	2.12716	0.49252927	477.462319	1376.59812	0.29587076	2.11316847	0.31780461	1	1
1970.989	1302.989	0.4383	0.701282	470.8664	1317.302	62.1069	0.26163	2.129	0.44739814	477.29685	1375.2045	0.27135325	2.1149685	0.2923125	2	1
1971.142	1303.142	0.471666	0.710285	470.7483	1322.412	60.5712	0.278972	2.1298	0.48079018	477.1972	1380.47389	0.28872292	2.11572827	0.31034537	4	1
1971.294	1303.294	0.465205	0.714996	472.596	1313.37	59.0203	0.276439	2.1267	0.47435505	479.063229	1371.59018	0.2862174	2.11258831	0.30772063	4	1
1971.446	1303.446	0.455069	0.719093	473.7282	1306.675	60.7319	0.270693	2.1279	0.46424492	480.213758	1365.05344	0.28049889	2.11374834	0.30175575	6	1
1971.599	1303.599	0.415994	0.7129004	473.2524	1302.396	62.43868	0.2502301	2.1296	0.42519595	479.756406	1360.93369	0.26006365	2.11540812	0.2804374	1	1
1971.751	1303.751	0.4233	0.707209	472.9537	1301.667	64.5382	0.252888	2.1325	0.43252782	479.476033	1360.36286	0.26274903	2.11826815	0.28321704	1	1
1971.904	1303.904	0.458459	0.703503	471.0535	1307.493	63.2318	0.272447	2.12802	0.46771285	477.59428	1366.34803	0.28233568	2.11374793	0.30359103	6	1
1972.056	1304.056	0.484958	0.69741	471.8182	1320.502	63.998	0.286926	2.1274	0.49423772	478.377306	1379.51511	0.29684216	2.11308797	0.31861536	1	1
1972.208	1304.208	0.485482	0.692504	472.061	1340.824	63.0579	0.286681	2.12921	0.49478758	478.638431	1399.99515	0.29662463	2.11485802	0.31836569	1	1
1972.361	1304.361	0.474227	0.694696	472.7141	1348.313	63.1967	0.277925	2.13798	0.48355861	479.309976	1407.64319	0.28789628	2.1235878	0.30929185	1	1
1972.513	1304.513	0.4794	0.6949	471.9396	1342.603	62.5902	0.280555	2.1387	0.48875747	478.5538	1402.09115	0.29055374	2.12426785	0.31202451	1	1
1972.666	1304.666	0.486073	0.693502	471.5228	1321.802	62.5132	0.284941	2.13631	0.4954565	478.155444	1381.44911	0.29496739	2.12183763	0.31657545	1	1
1972.818	1304.818	0.472821	0.698192	469.7341	1307.657	62.6613	0.277922	2.1354	0.48223035	476.385066	1367.46198	0.28797585	2.12088768	0.30930107	6	1
1972.97	1304.97	0.456173	0.702593	470.8008	1301.191	62.2253	0.265962	2.14521	0.46560821	477.470088	1361.15381	0.27604331	2.13065773	0.29687647	6	1
1973.123	1305.123	0.439155	0.710088	468.6052	1301.667	62.3591	0.254506	2.15298	0.44861623	475.29293	1361.78864	0.26461495	2.13838752	0.28494298	1	1
1973.275	1305.275	0.449	0.716495	464.4798	1304.532	61.0796	0.257722	2.1597	0.45848708	471.18585	1364.81138	0.2678584	2.14506758	0.28830163	3	1
1973.428	1305.428	0.465733	0.724487	461.0338	1307.384	60.567	0.267786	2.15661	0.47524611	467.758291	1367.82213	0.27795003	2.14193737	0.29878655	4	1
1973.58	1305.58	0.465001	0.7337953	460.4825	1307.276	60.79449	0.2699999	2.14771	0.47453996	467.22531	1367.87179	0.28019138	2.13299743	0.30109292	4	1
1973.732	1305.732	0.460905	0.737993	461.2012	1305.717	59.5311	0.268579	2.14501	0.4704698	467.962328	1366.47041	0.27879793	2.13025749	0.29961956	4	1
1973.885	1305.885	0.467584	0.745794	463.8792	1297.155	59.9555	0.269488	2.15428	0.47717482	470.658767	1358.06702	0.27973456	2.13948729	0.30056894	4	1
1974.037	1306.037	0.4364	0.759777	466.3899	1285.438	57.5489	0.248668	2.1672	0.44601667	473.187784	1346.50756	0.258942	2.15236735	0.27887157	3	1
1974.19	1306.19	0.427329	0.788077	469.4847	1264.618	59.3824	0.242672	2.17099	0.43697168	476.301021	1325.84609	0.25297362	2.15611715	0.27260526	3	1
1974.342	1306.342	0.442675	0.80667	469.6128	1255.855	58.3625	0.254431	2.15932	0.45234353	476.447437	1317.24054	0.26476006	2.14440722	0.28489778	2	1
1974.494	1306.494	0.46069	0.792123	464.7128	1256.439	57.7619	0.267655	2.1477	0.47038437	471.565752	1317.98195	0.2780115	2.13274728	0.2986791	2	1
1974.647	1306.647	0.447731	0.788606	456.0289	1259.652	57.1665	0.259738	2.15079	0.45745138	462.900287	1321.35335	0.27012211	2.13579709	0.29044029	2	1
1974.799	1306.799	0.4331	0.840813	451.5917	1252.977	57.6943	0.250217	2.1565	0.44284622	458.481401	1314.83568	0.26062855	2.14146716	0.28051062	3	1
1974.952	1306.952	0.471148	0.905293	454.2074	1218.09	57.4376	0.26956	2.16088	0.48092023	461.115534	1280.10699	0.27999916	2.14580697	0.30067262	1	1
1975.104	1307.104	0.495461	0.864065	463.213	1184.526	55.6424	0.286547	2.14922	0.50525906	470.139447	1246.70023	0.29701358	2.13410704	0.31830487	8	2
1975.256	1307.256	0.4983	0.782262	471.9462	1180.686	55.1363	0.287498	2.15162	0.5081239	478.890959	1243.01743	0.29799201	2.13646712	0.31929389	8	2
1975.409	1307.409	0.498001	0.748253	476.9971	1199.688	55.4927	0.283725	2.16486	0.5078509	483.96029	1262.17762	0.29424661	2.14966693	0.31538918	8	2
1975.561	1307.561	0.4826	0.7263194	478.3853	1246.83	55.72807	0.2693302	2.1853	0.49247574	485.366801	1309.47674	0.27987923	2.17006701	0.30045013	2	1
1975.714	1307.714	0.483496	0.729395	477.194	1258.182	55.196	0.26835	2.19098	0.49339774	484.193931	1320.98685	0.27892663	2.17570683	0.29943494	6	1
1975.866	1307.866	0.485498	0.731698	475.9402	1262.402	54.2439	0.270328	2.1879	0.49542557	482.958441	1325.36388	0.28093205	2.17258691	0.30149575	6	1

1976.018	1308.018	0.511516	0.736692	475.402	1255.829	55.8472	0.285524	2.18861	0.5214694	482.438549	1318.94787	0.29615546	2.173257	0.31726972	2	1
1976.171	1308.171	0.521277	0.743095	475.5792	1248.458	54.7389	0.290176	2.19359	0.5312564	482.634178	1311.73485	0.30083505	2.17819682	0.32209094	2	1
1976.323	1308.323	0.5302	0.750288	475.937	1243.906	54.745	0.294368	2.1988	0.54020522	483.010285	1307.33975	0.30505446	2.18336691	0.32643167	2	1
1976.476	1308.476	0.531096	0.753894	476.1142	1236.298	54.6296	0.296937	2.19023	0.54112722	483.205912	1299.88965	0.30765105	2.17475673	0.32909151	2	1
1976.628	1308.628	0.532498	0.7568926	476.4752	1243.417	55.99091	0.3020759	2.17253	0.54255504	483.585218	1307.16547	0.31281735	2.15701682	0.3344037	1	1
1976.78	1308.78	0.516877	0.760594	476.8329	1248.566	57.4019	0.297974	2.1525	0.52695987	483.961223	1312.47125	0.30874286	2.13694691	0.33017127	1	1
1976.933	1308.933	0.48757	0.7609006	477.1316	1253.443	56.1955	0.2824187	2.14801	0.49767886	484.278348	1317.50602	0.29321514	2.13241674	0.31407611	2	1
1977.085	1309.085	0.4742	0.761599	475.402	1254.29	55.8234	0.272032	2.1582	0.48433468	482.567052	1318.50971	0.28285583	2.14256684	0.30329967	2	1
1977.238	1309.238	0.457268	0.7618	474.0334	1250.722	53.5594	0.254951	2.18489	0.46742867	481.216876	1315.0994	0.26580241	2.16921667	0.28551881	6	1
1977.39	1309.39	0.455603	0.766393	472.5993	1242.248	52.5853	0.249013	2.20287	0.46578948	479.801078	1306.78201	0.2598918	2.18715677	0.27932304	2	1
1977.542	1309.542	0.443841	0.7716899	475.9961	1227.319	53.24716	0.2408239	2.20828	0.4540533	483.21618	1292.00958	0.25173009	2.19252687	0.27076174	3	1
1977.695	1309.695	0.469638	0.764112	474.5684	1227.197	53.8205	0.259406	2.19433	0.47987629	481.806902	1292.04514	0.27033976	2.17853671	0.29017673	1	1
1977.847	1309.847	0.4889	0.744515	474.0269	1241.04	54.3212	0.272763	2.1862	0.4991641	481.283702	1306.04463	0.28372415	2.17036681	0.30407975	8	2
1978	1310	0.451151	0.73801	465.6482	1242.704	52.5686	0.251145	2.1862	0.46144108	472.923423	1307.8661	0.26213371	2.17032665	0.28156663	2	1
1978.152	1310.152	0.441807	0.747392	455.1789	1231.861	52.6504	0.244846	2.19	0.45212289	462.472422	1297.1795	0.25586209	2.17408676	0.27498744	2	1
1978.304	1310.304	0.456651	0.763774	451.1782	1207.604	53.1034	0.254695	2.18457	0.4669927	458.490021	1273.07887	0.26573847	2.16861686	0.28528055	2	1
1978.457	1310.457	0.488697	0.750122	453.1965	1194.421	55.3223	0.278017	2.16616	0.49906468	460.526739	1260.05322	0.28908803	2.15016671	0.30955159	1	1
1978.609	1310.609	0.4971	0.7227645	465.1953	1209.537	56.68901	0.2876973	2.1484	0.50749349	472.543836	1275.32549	0.2987957	2.13236682	0.31959036	2	1
1978.762	1310.762	0.485247	0.707923	469.4749	1233.666	57.4348	0.283435	2.13993	0.49566646	476.841853	1299.61176	0.29456096	2.12385667	0.31517877	1	1
1978.914	1310.914	0.488697	0.7192075	471.1617	1244.972	53.43748	0.284685	2.1423	0.49914227	478.546949	1311.07395	0.29583833	2.12618678	0.31647826	8	2
1979.066	1311.066	0.496407	0.740066	469.8523	1240.554	53.907	0.288456	2.1443	0.50687807	477.255845	1306.81211	0.29963669	2.1281469	0.3203882	2	1
1979.219	1311.219	0.504979	0.76408	471.3391	1228.421	52.5907	0.294569	2.13981	0.51547604	478.76106	1294.83625	0.30577724	2.12361675	0.32671716	2	1
1979.371	1311.371	0.4847	0.750422	474.086	1237.821	56.6176	0.284241	2.1361	0.49522284	481.526254	1304.39232	0.2954766	2.11986687	0.31603044	2	1
1979.524	1311.524	0.491174	0.7375061	476.8822	1260.998	55.94958	0.2873427	2.13779	0.50172281	484.340867	1327.72637	0.29860584	2.12151673	0.31924771	2	1
1979.676	1311.676	0.469435	0.732608	478.0243	1268.241	57.4302	0.273261	2.14489	0.48000961	485.50126	1335.12536	0.2845515	2.12857685	0.30464637	2	1
1979.828	1311.828	0.4849	0.725006	478.8612	1235.605	57.0463	0.279315	2.1537	0.49550041	486.356452	1302.64531	0.29063286	2.13734698	0.31093522	1	1
1979.981	1311.981	0.4849	0.721006	477.7913	1194.24	58.4926	0.278531	2.15649	0.49552637	485.304964	1261.43724	0.28987639	2.14009684	0.31012593	1	1
1980.133	1312.133	0.4785	0.719401	472.9537	1169.078	58.3544	0.273399	2.1619	0.48915217	480.485655	1236.4311	0.28477175	2.14546696	0.30480202	1	1
1980.286	1312.286	0.46107	0.73208	468.021	1189.642	57.3523	0.260276	2.17365	0.47174813	475.571365	1257.15195	0.27167627	2.15717683	0.29115333	1	1
1980.438	1312.438	0.477174	0.761851	463.4132	1205.094	55.1382	0.267251	2.18139	0.48787792	470.981854	1272.75973	0.27867862	2.16487696	0.29841923	1	1
1980.59	1312.59	0.485015	0.788834	465.5628	1218.858	53.22373	0.2731453	2.17628	0.49574471	473.149743	1286.67947	0.28460027	2.15972709	0.30455076	1	1
1980.743	1312.743	0.49437	0.780713	471.385	1227.171	55.3425	0.28196	2.16364	0.50512567	478.990351	1295.14919	0.29344249	2.14704696	0.31370293	8	2
1980.895	1312.895	0.4741	0.7495061	477.5484	1241.638	55.87732	0.2732643	2.1537	0.48488146	485.172039	1309.77184	0.28477413	2.1370671	0.30468259	8	2
1981.048	1313.048	0.462447	0.727535	480.4004	1256.377	57.8959	0.268574	2.14782	0.47325442	488.042446	1324.66748	0.28011135	2.13114697	0.29981171	2	1
1981.2	1313.2	0.454306	0.713111	478.9236	1271.106	57.8435	0.265571	2.1432	0.4651392	486.583932	1339.55206	0.27713568	2.12648711	0.29669177	2	1
1981.352	1313.352	0.438204	0.720788	475.0377	1289.265	59.2122	0.254989	2.14981	0.44906299	482.716317	1357.86659	0.26658102	2.13305725	0.28566967	2	1
1981.505	1313.505	0.442789	0.723198	470.0426	1299.495	61.6624	0.253898	2.16127	0.45367394	477.739622	1368.2531	0.26551753	2.14447713	0.28453541	1	1
1981.657	1313.657	0.4614	0.722801	468.8382	1297.489	64.0779	0.260533	2.1734	0.47231072	476.553506	1366.40255	0.27217986	2.15656727	0.29145809	1	1
1981.81	1313.81	0.455922	0.721501	467.706	1283.702	64.152	0.254204	2.18485	0.46685867	475.43971	1352.77198	0.26587836	2.16797715	0.28486297	3	1
1981.962	1313.962	0.447913	0.739471	466.7509	1253.978	59.129	0.247882	2.19129	0.45887545	474.502893	1323.20335	0.25958369	2.1743773	0.27826491	3	1
1982.114	1314.114	0.460682	0.771074	467.8274	1230.174	58.6757	0.258803	2.17806	0.47167023	475.597675	1299.55467	0.27053201	2.16110744	0.28966755	3	1
1982.267	1314.267	0.511677	0.777989	470.8566	1225.894	60.0619	0.294457	2.15436	0.52269117	478.645277	1295.43098	0.30621351	2.13736733	0.32668295	1	1
1982.419	1314.419	0.5065	0.755536	473.5511	1244.621	62.8866	0.296297	2.1367	0.51753995	481.358057	1314.31322	0.30808083	2.11966748	0.32858919	1	1
1982.572	1314.572	0.527815	0.7456239	476.344	1267.207	59.52729	0.308787	2.1357	0.53888089	484.169358	1337.05544	0.32059832	2.11862737	0.34148609	1	1
1982.724	1314.724	0.505536	0.747896	477.4269	1284.693	57.6136	0.296867	2.1327	0.51662766	485.270537	1354.6966	0.30870564	2.11558752	0.32918645	1	1
1982.876	1314.876	0.522813	0.7585976	477.4269	1285.415	57.79678	0.3070437	2.13152	0.53393043	485.288816	1355.57372	0.31890965	2.11436768	0.33969666	1	1
1983.029	1315.029	0.530774	0.766787	476.3604	1271.044	59.268	0.30912	2.14097	0.54191737	484.240714	1341.35882	0.32101344	2.12377757	0.34184157	1	1
1983.181	1315.181	0.522	0.770997	474.2074	1258.943	59.0757	0.300936	2.1526	0.53316914	482.105992	1329.41285	0.31285674	2.13536773	0.33340203	1	1
1983.334	1315.334	0.505068	0.782282	473.4952	1246.58	60.3082	0.290303	2.15559	0.51626308	481.412189	1317.20587	0.30225122	2.13831763	0.32241441	1	1
1983.486	1315.486	0.495807	0.790693	473.9678	1237.112	58.4675	0.286498	2.1501	0.50702784	481.903065	1307.89282	0.29847353	2.13278779	0.31847907	1	1
1983.638	1315.638	0.510458	0.782713	476.1208	1244.637	56.4456	0.294999	2.14971	0.52170461	484.07434	1315.57274	0.30700183	2.13235795	0.32728	2	1
1983.791	1315.791	0.484263	0.763016	478.2605	1253.315	51.4392	0.278848	2.15409	0.49553554	486.232435	1324.40663	0.2908783	2.13669786	0.31055711	6	1
1983.943	1315.943	0.4858	0.744529	479.9344	1261.569	50.8766	0.279347	2.1554	0.4970983	487.92461	1332.81546	0.2914046	2.13796802	0.31107887	6	1
1984.096	1316.096	0.508527	0.740703	481.2439	1267.755	52.45	0.293533	2.15101	0.51985123	489.252503	1339.15727	0.30561807	2.13353793	0.32577636	2	1
1984.248	1316.248	0.521779	0.736008	482.6189	1276.712	54.7387	0.302574	2.14591	0.53312899	490.645776	1348.26902	0.31468636	2.1283981	0.33512159	1	1
1984.4	1316.4	0.510455	0.72981	483.3344	1294.634	55.4349	0.29679	2.1431	0.52183075	491.379548	1366.34572	0.30892965	2.12554827	0.32915165	1	1
1984.553	1316.553	0.454734	0.7251108	481.9691	1305.819	56.35497	0.2644339	2.14779	0.46613568	490.03264	1377.68641	0.27660101	2.13019818	0.29559853	2	1
1984.705	1316.705	0.4504	0.718511	479.6357	1310.141	54.6051	0.25908	2.1577	0.46182743	487.717511	1382.16303	0.2712744	2.14006836	0.29002608	3	1

1984.858	1316.858	0.442432	0.7253006	477.6172	1308.477	55.45668	0.2528119	2.16427	0.45388536	485.717401	1380.65464	0.26503376	2.14659827	0.28349232	3	1
1985.01	1317.01	0.478442	0.732289	477.0135	1304.775	55.4333	0.271438	2.16879	0.48992111	485.131971	1377.10718	0.28368714	2.15107845	0.30289558	2	1
1985.162	1317.162	0.458082	0.725405	477.9094	1308.841	62.6495	0.261879	2.16239	0.46958686	486.04614	1381.32768	0.27415541	2.14463863	0.29295465	1	1
1985.315	1317.315	0.447126	0.716514	479.3961	1317.995	63.8707	0.25725	2.15791	0.45865678	487.551228	1390.63716	0.26955387	2.14011854	0.28813477	1	1
1985.467	1317.467	0.4475	0.707907	481.8444	1337.47	66.2352	0.257817	2.1567	0.45905653	490.017796	1410.26658	0.27014814	2.13886873	0.28873004	1	1
1985.62	1317.62	0.441823	0.691027	482.9734	1349.475	63.4036	0.25235	2.16467	0.45340545	491.165183	1422.42698	0.26470859	2.14679865	0.28303069	1	1
1985.772	1317.772	0.427711	0.675812	482.084	1350.837	65.284	0.24146	2.17559	0.43931919	490.294049	1423.94332	0.25384585	2.15767883	0.27165067	1	1
1985.924	1317.924	0.431215	0.6755	478.4378	1337.187	63.3009	0.242062	2.1798	0.44284894	486.666114	1410.44761	0.25447512	2.16184902	0.27228491	1	1
1986.077	1318.077	0.440869	0.697264	474.6964	1309.632	62.2242	0.247751	2.1783	0.45252885	482.9431	1383.04789	0.26019156	2.16030895	0.27823915	1	1
1986.229	1318.229	0.4508	0.723357	472.7765	1285.914	61.6837	0.25488	2.1726	0.4624856	481.041464	1359.4841	0.26734782	2.15456914	0.28568747	1	1
1986.382	1318.382	0.464645	0.731287	474.7949	1286.154	61.1529	0.264028	2.16752	0.47635651	483.078248	1359.87929	0.27652326	2.14944907	0.29522517	4	1
1986.534	1318.534	0.476481	0.7153376	478.556	1314.034	62.83096	0.2744656	2.15412	0.48821825	486.85761	1387.91343	0.28698812	2.13600926	0.30608173	4	1
1986.686	1318.686	0.481798	0.67047	484.7129	1356.961	62.0174	0.281128	2.14129	0.49356098	493.032773	1430.99452	0.29367777	2.12313946	0.31299954	1	1
1986.839	1318.839	0.479106	0.6334137	490.8993	1402.642	65.47762	0.2837183	2.12743	0.49089489	499.237554	1476.83059	0.2962955	2.10923939	0.31568888	4	1
1986.991	1318.991	0.4902	0.61463	493.7184	1440.223	63.379	0.285296	2.1431	0.50201463	502.074915	1514.5656	0.29790045	2.12486959	0.31732772	4	1
1987.144	1319.144	0.450559	0.6141	492.9472	1463.761	64.4897	0.252896	2.17896	0.46239953	501.322096	1538.25859	0.26552788	2.16068953	0.28364171	4	1
1987.296	1319.296	0.434126	0.627179	492.4089	1456.111	61.1237	0.23701	2.20236	0.44599227	500.802055	1530.76252	0.24966912	2.18404973	0.26703086	1	1
1987.448	1319.448	0.441866	0.628299	493.0653	1441.506	61.5568	0.244982	2.18964	0.453758	501.476714	1516.31141	0.25766836	2.17128993	0.27538114	1	1
1987.601	1319.601	0.483101	0.618416	494.9688	1421.296	61.9796	0.27859	2.15269	0.4950189	503.398593	1496.25627	0.29130378	2.13429987	0.3103915	4	1
1987.753	1319.753	0.4924	0.606909	496.764	1421.129	63.9198	0.292457	2.1225	0.50434363	505.21205	1496.24308	0.30519802	2.10407008	0.32476111	4	1
1987.906	1319.906	0.517898	0.613489	497.7716	1440.029	66.5849	0.311048	2.10716	0.52986753	506.238028	1515.29786	0.32381643	2.08869002	0.34395846	1	1
1988.058	1320.058	0.523391	0.614698	498.4936	1460.121	64.0727	0.316992	2.09712	0.53538625	506.978284	1535.54358	0.32978767	2.07861023	0.35008378	4	1
1988.21	1320.21	0.548363	0.612504	498.7332	1479.252	67.522	0.330158	2.10052	0.56038398	507.236139	1554.82827	0.3429809	2.08197045	0.36362125	1	1
1988.363	1320.363	0.525374	0.608806	498.7332	1480.318	69.3134	0.31426	2.11067	0.53742087	507.254515	1556.04893	0.32711031	2.0920804	0.34727929	1	1
1988.515	1320.515	0.5234	0.6115937	498.4936	1467.315	70.80281	0.310515	2.1201	0.5354726	507.033169	1543.19953	0.32339253	2.10147061	0.34342539	1	1
1988.668	1320.668	0.52848	0.610602	498.0177	1458.756	68.5395	0.311237	2.12807	0.54057849	506.575643	1534.79511	0.32414194	2.10940056	0.34417345	1	1
1988.82	1320.82	0.569367	0.6043983	497.7781	1454.788	66.38138	0.3354679	2.127	0.58149121	506.354296	1530.98063	0.34840006	2.10829078	0.36908588	6	1
1988.972	1320.972	0.557383	0.596013	497.6567	1455.261	66.8555	0.329122	2.12409	0.56953293	506.251148	1531.60712	0.34208138	2.105341	0.36257775	1	1
1989.125	1321.125	0.53665	0.585608	497.7781	1452.524	64.7741	0.319589	2.11462	0.54882582	506.39092	1529.02457	0.33257577	2.09583096	0.35278429	1	1
1989.277	1321.277	0.5165	0.584701	498.1359	1450.607	64.7227	0.308262	2.1142	0.52870153	506.766971	1527.26097	0.32127599	2.09537118	0.3411233	4	1
1989.43	1321.43	0.515803	0.594292	499.0285	1448.349	66.5396	0.306857	2.11779	0.52803042	507.677941	1525.15735	0.31989838	2.09892114	0.3396786	1	1
1989.582	1321.582	0.505916	0.604484	500.2232	1452.747	68.7216	0.298777	2.12669	0.51816913	508.890891	1529.70867	0.31184559	2.10778137	0.33134286	1	1
1989.734	1321.734	0.502474	0.6044	501.6573	1459.803	66.4812	0.294998	2.13321	0.51475284	510.34324	1536.91795	0.3080938	2.11426159	0.32744161	1	1
1989.887	1321.887	0.486239	0.59831	502.5501	1464.916	67.0027	0.284576	2.13789	0.49854373	511.254408	1542.1852	0.29769919	2.11890156	0.31665911	1	1
1990.039	1322.039	0.5075	0.593508	502.4909	1446.908	67.9152	0.296228	2.139	0.51983044	511.213456	1524.3304	0.30937839	2.11997179	0.32872117	1	1
1990.192	1322.192	0.509691	0.592901	500.768	1423.492	71.5199	0.298468	2.13541	0.52204731	509.508923	1501.06857	0.31164577	2.11634176	0.33103988	1	1
1990.344	1322.344	0.462077	0.597692	498.021	1408.146	69.9695	0.272142	2.1353	0.47445902	506.78017	1485.87569	0.28534697	2.11619199	0.30377009	1	1
1990.496	1322.496	0.448989	0.6135612	495.0279	1401.907	67.10929	0.263478	2.14082	0.46139673	503.805316	1479.78976	0.27671017	2.12167223	0.294763	1	1
1990.649	1322.649	0.442022	0.632968	491.3456	1395.612	66.2667	0.255019	2.15625	0.4544556	500.141381	1473.64881	0.26827854	2.1370622	0.28595137	4	1
1990.801	1322.801	0.451	0.6502968	487.9324	1383.416	63.16445	0.2565164	2.1674	0.46345931	496.746425	1461.60581	0.26980313	2.14817244	0.28751731	4	1
1990.954	1322.954	0.45339	0.663878	485.0771	1364.637	64.3469	0.254528	2.17875	0.46587518	493.909489	1442.98077	0.2678421	2.15948242	0.28544731	4	1
1991.106	1323.106	0.481577	0.669895	484.4109	1354.903	62.9167	0.271383	2.1755	0.49408788	493.261532	1433.39969	0.28472429	2.15619266	0.30300179	4	1
1991.258	1323.258	0.457398	0.666306	486.1437	1352.99	65.2907	0.258447	2.17289	0.46993458	495.012574	1431.63957	0.27181547	2.1535429	0.28954244	4	1
1991.411	1323.411	0.454307	0.661404	488.7594	1360.01	66.4185	0.260834	2.15893	0.46686945	497.646636	1438.81341	0.27422984	2.13954288	0.29203396	1	1
1991.563	1323.563	0.4449	0.656508	491.0338	1370.768	67.4702	0.258317	2.1505	0.45748815	499.939277	1449.72421	0.27174002	2.13107313	0.28941511	1	1
1991.716	1323.716	0.448189	0.654202	491.9856	1388.136	68.5411	0.262399	2.14292	0.46080301	500.909438	1467.24597	0.27584937	2.12345312	0.2936722	1	1
1991.868	1323.868	0.446503	0.654999	492.4057	1393.197	69.1178	0.263191	2.13751	0.45914271	501.347778	1472.45969	0.27666855	2.11800336	0.29450097	1	1
1992.02	1324.02	0.454021	0.657296	492.7667	1394.867	68.9518	0.267227	2.1373	0.4666864	501.727017	1474.28236	0.28073173	2.11775361	0.29870526	1	1
1992.173	1324.173	0.479938	0.649712	493.8956	1387.493	69.0678	0.280504	2.13989	0.49262926	502.874275	1467.062	0.29403608	2.12030361	0.31249906	4	1
1992.325	1324.325	0.4701	0.643809	495.0312	1396.544	65.5696	0.27274	2.1479	0.48281695	504.028113	1476.2656	0.28629925	2.12827386	0.30444437	4	1
1992.478	1324.478	0.471893	0.640403	495.9829	1400.942	65.7625	0.27434	2.14581	0.48463581	504.99817	1480.81716	0.28792659	2.12614385	0.30611035	4	1
1992.63	1324.63	0.48428	0.637804	494.6768	1405.369	62.7186	0.283049	2.13941	0.4970485	503.710307	1485.39667	0.29666276	2.11970411	0.31514983	4	1
1992.782	1324.782	0.483114	0.6356013	493.1801	1404.66	65.08721	0.2839203	2.1342	0.49590819	502.231843	1484.84015	0.29756122	2.11445437	0.31605688	4	1
1992.935	1324.935	0.491673	0.634701	492.0512	1403.708	65.353	0.28809	2.13619	0.50449304	501.121298	1484.04158	0.30175826	2.11640437	0.32037997	4	1
1993.087	1325.087	0.4876	0.636998	491.7493	1403.705	66.2764	0.283896	2.1429	0.50044573	500.837632	1484.19098	0.29759142	2.12307463	0.31603983	4	1
1993.24	1325.24	0.483915	0.639596	491.0371	1403.469	66.088	0.281925	2.1426	0.49678658	500.143786	1484.10833	0.29564775	2.12273463	0.31400095	4	1
1993.392	1325.392	0.49579	0.636802	489.3666	1403.945	66.9311	0.287687	2.1458	0.50868726	498.491519	1484.73665	0.30143691	2.12589489	0.31997487	4	1
1993.544	1325.544	0.493276	0.634404	487.5714	1402.862	66.833	0.287449	2.1416	0.50619894	496.714552	1483.80592	0.30122606	2.12165516	0.31973248	4	1

1993.697	1325.697	0.478336	0.636598	486.3242	1397.036	66.8165	0.278831	2.1426	0.49128479	495.485704	1478.13316	0.29263539	2.12261517	0.3108044	4	1
1993.849	1325.849	0.4972	0.637998	486.0813	1386.639	67.0457	0.289886	2.1408	0.51017447	495.261035	1467.88835	0.30371753	2.12077544	0.32226339	4	1
1994.002	1326.002	0.522001	0.640396	486.5573	1375.228	70.116	0.304092	2.1407	0.53500131	495.755386	1456.63051	0.31795086	2.12063545	0.33694767	6	1
1994.154	1326.154	0.511517	0.641498	487.6304	1376.374	70.2841	0.298001	2.1409	0.52454299	496.846715	1457.92862	0.311887	2.12079572	0.33066273	13	1
1994.306	1326.306	0.490716	0.643197	488.3492	1388.674	68.4355	0.285047	2.145	0.50376766	497.583745	1470.3807	0.29896014	2.12485599	0.31726491	4	1
1994.459	1326.459	0.510852	0.645398	488.4673	1397.598	66.1514	0.295124	2.15009	0.52392951	497.720193	1479.45773	0.30906445	2.12990601	0.32769755	4	1
1994.611	1326.611	0.5109	0.647596	488.8874	1402.153	65.3024	0.294504	2.1525	0.52400318	498.158521	1484.16473	0.30847159	2.13227628	0.32706061	4	1
1994.764	1326.764	0.515282	0.6477998	489.5405	1402.986	65.06607	0.2972971	2.1515	0.52841102	498.829968	1485.15068	0.311292	2.1312363	0.32995164	6	1
1994.916	1326.916	0.487345	0.6475	490.1378	1403.705	66.0281	0.281146	2.1521	0.50049969	499.445495	1486.02159	0.29516803	2.13179658	0.31323794	4	1
1995.068	1327.068	0.486265	0.645502	489.0614	1399.754	65.0206	0.279778	2.1548	0.49944535	498.387321	1482.22247	0.29382716	2.13445687	0.31182329	4	1
1995.221	1327.221	0.464153	0.648196	487.578	1390.601	63.8249	0.267592	2.1543	0.47735919	496.922266	1473.2223	0.28166847	2.13391689	0.29917051	4	1
1995.373	1327.373	0.4763	0.659891	486.0223	1372.675	63.5181	0.274694	2.153	0.48953186	495.384791	1455.4481	0.28879759	2.13257717	0.30655524	1	1
1995.526	1327.526	0.473212	0.669085	484.5947	1357.581	64.5992	0.27338	2.15161	0.48646969	493.975535	1440.50685	0.28751089	2.1311472	0.30519466	1	1
1995.678	1327.678	0.462309	0.674795	481.9068	1342.376	66.3405	0.267436	2.1514	0.47559235	491.305858	1425.45356	0.28159401	2.13089749	0.29902046	1	1
1995.83	1327.83	0.433775	0.680291	478.5592	1323.725	69.081	0.251696	2.1529	0.44708401	487.976481	1406.95424	0.26588113	2.13235778	0.28262239	1	1
1995.983	1327.983	0.417951	0.699469	475.1723	1311.375	67.9074	0.242941	2.15469	0.43128584	484.607923	1394.75687	0.25715342	2.13410781	0.27347582	1	1
1996.135	1328.135	0.4068	0.727354	474.2665	1302.862	65.6295	0.235926	2.1589	0.4201605	483.720344	1386.39547	0.25016554	2.1382781	0.2661331	1	1
1996.288	1328.288	0.419449	0.728099	475.1592	1300.958	62.6979	0.239224	2.16876	0.43283533	484.631384	1384.64402	0.25349082	2.14809813	0.26959287	3	1
1996.44	1328.44	0.440083	0.725302	476.8297	1301.428	61.7652	0.248187	2.17539	0.45349498	486.320104	1385.26553	0.26248093	2.15468843	0.27897358	1	1
1996.592	1328.592	0.435894	0.721306	477.4893	1303.456	62.4226	0.245193	2.1778	0.44933164	486.997924	1387.44501	0.25951404	2.15705873	0.27584787	1	1
1996.745	1328.745	0.428917	0.7169014	476.9544	1300.482	59.54952	0.2417301	2.1768	0.44238046	486.481362	1384.62344	0.25607842	2.15601877	0.27222907	2	1
1996.897	1328.897	0.4224	0.713705	475.1033	1290.689	60.9497	0.236878	2.1813	0.43588911	484.64848	1374.98184	0.25125342	2.16047907	0.26715142	3	1
1997.05	1329.05	0.420508	0.724991	471.8937	1272.74	62.4599	0.235166	2.18359	0.43402293	481.457218	1357.18519	0.2495687	2.16272911	0.26536097	3	1
1997.202	1329.202	0.416506	0.734784	468.4247	1261.707	63.4625	0.234375	2.17931	0.43004658	478.006434	1346.30351	0.2488048	2.15840941	0.26453564	4	1
1997.354	1329.354	0.385186	0.740995	464.3551	1251.411	61.7088	0.21831	2.17959	0.39875223	473.95505	1336.15879	0.23276689	2.15864972	0.24765599	1	1
1997.507	1329.507	0.376521	0.745293	461.3259	1243.449	59.3559	0.215277	2.17611	0.39011305	470.944186	1328.34902	0.22976116	2.15512977	0.24446406	1	1
1997.659	1329.659	0.382	0.762286	460.3052	1230.66	61.4534	0.221338	2.1661	0.39561769	469.9417	1315.71122	0.23584925	2.14508007	0.25085228	1	1
1997.812	1329.812	0.393853	0.773083	461.6115	1233.305	65.5903	0.232081	2.15136	0.40749651	471.266334	1318.50837	0.24661952	2.13030012	0.26214566	1	1
1997.964	1329.964	0.383117	0.765612	466.0256	1231.91	65.7501	0.227271	2.1505	0.39678615	475.698648	1317.26449	0.24183661	2.12940044	0.25709929	1	1
1998.116	1330.116	0.418074	0.732452	474.0433	1254.234	66.7234	0.241686	2.15879	0.43176879	483.734561	1339.73957	0.25627869	2.13765075	0.27221972	1	1
1998.269	1330.269	0.464451	0.699352	484.2599	1289.974	66.7885	0.268985	2.15013	0.4781716	493.969493	1375.6316	0.28360495	2.1289508	0.30070045	1	1
1998.421	1330.421	0.5202	0.671921	495.6285	1352.317	70.445	0.305547	2.1315	0.53394624	505.356304	1438.1256	0.32019403	2.11028112	0.33856582	6	1
1998.574	1330.574	0.541614	0.61978	503.5937	1430.807	72.3161	0.322565	2.11417	0.55538605	513.339835	1516.76755	0.33723928	2.09291118	0.3560945	6	1
1998.726	1330.726	0.543898	0.565624	506.9052	1491.451	73.82742	0.3239939	2.1137	0.55769569	516.669545	1577.56247	0.33869526	2.0924015	0.35756729	6	1
1998.878	1330.878	0.512517	0.544833	507.0856	1524.27	74.6116	0.305117	2.1174	0.52634032	516.868154	1610.53235	0.31984543	2.09606182	0.33813433	1	1
1999.031	1331.031	0.533549	0.542402	505.4775	1519.468	73.8461	0.316318	2.12009	0.54739813	515.278383	1605.88219	0.33107368	2.09871188	0.34968043	1	1
1999.183	1331.183	0.5232	0.5427	504.6406	1491.421	73.6809	0.310703	2.119	0.53707476	514.459691	1577.98599	0.32548574	2.09758221	0.34390172	1	1
1999.336	1331.336	0.502483	0.5425	504.2238	1484.053	73.5617	0.299458	2.11761	0.51638356	514.061218	1570.76974	0.31426799	2.09615227	0.33230517	1	1
1999.488	1331.488	0.490519	0.541901	504.342	1497.368	74.6079	0.291658	2.12169	0.50444519	514.197625	1584.23547	0.30649505	2.1001926	0.32424668	1	1
1999.64	1331.64	0.533968	0.5423	504.5816	1510.056	74.395	0.314664	2.12711	0.54791982	514.455431	1597.07415	0.32952811	2.10557293	0.34799376	1	1
1999.793	1331.793	0.514148	0.543298	505.0574	1520.515	75.5548	0.302368	2.13049	0.52812562	514.949557	1607.68479	0.31725935	2.108913	0.33532184	13	1
1999.945	1331.945	0.5113	0.544798	504.9984	1505.625	76.2562	0.300413	2.1317	0.52530324	514.908762	1592.94539	0.31533141	2.11008333	0.33330752	13	1
2000.098	1332.098	0.49885	0.545599	504.1648	1487.795	75.5894	0.29178	2.13738	0.51287904	514.093486	1575.26695	0.30672564	2.11572341	0.32438905	13	1
2000.25	1332.25	0.513676	0.542904	501.9593	1461.985	76.0663	0.298292	2.14439	0.52773066	511.906189	1549.60747	0.31326469	2.12269374	0.33112496	13	1
2000.402	1332.402	0.505009	0.554091	499.3272	1442.136	76.9135	0.293319	2.14439	0.51908928	509.292292	1529.90896	0.30831874	2.12265408	0.32598891	13	1
2000.555	1332.555	0.510782	0.562187	497.3055	1443.324	81.3472	0.297658	2.14061	0.52488807	507.288914	1531.24839	0.31268496	2.11883416	0.33047803	13	1
2000.707	1332.707	0.5249	0.5798844	497.3613	1446.311	81.02827	0.3065526	2.1378	0.53903169	507.362916	1534.3858	0.32160661	2.1159845	0.33966343	13	1
2000.86	1332.86	0.533466	0.577903	499.4979	1450.709	79.1108	0.312343	2.13471	0.54762348	509.517836	1538.93516	0.32742423	2.11285458	0.34563563	13	1
2001.012	1333.012	0.530303	0.568208	501.595	1441.067	74.3584	0.312035	2.129	0.5444861	511.633136	1529.44349	0.32714327	2.10710492	0.34532236	13	1
2001.164	1333.164	0.495738	0.565105	499.1336	1411.595	70.6306	0.289139	2.14052	0.50994672	509.189936	1500.12178	0.30427431	2.11858527	0.32168448	1	1
2001.317	1333.317	0.456893	0.602469	488.3164	1345.507	65.4884	0.263423	2.15497	0.4711275	498.391055	1434.18502	0.27858552	2.13299535	0.29499501	1	1
2001.469	1333.469	0.4339	0.685857	473.9678	1268.251	59.7754	0.244234	2.1774	0.44816011	484.060653	1357.07923	0.25942356	2.1553857	0.27497564	2	1
2001.622	1333.622	0.482206	0.8014	463.807	1198.359	61.3028	0.270662	2.17949	0.4964919	473.91817	1287.33839	0.28587877	2.15743579	0.30253303	1	1
2001.774	1333.774	0.489089	0.827458	460.7253	1170.794	65.257	0.27385	2.1825	0.50340051	470.854667	1259.92352	0.2890938	2.16040614	0.30584919	1	1
2001.926	1333.926	0.487783	0.802939	464.8441	1178.412	68.7462	0.273886	2.1795	0.50212012	474.991664	1267.69161	0.28915682	2.1573665	0.30589062	4	1
2002.079	1334.079	0.46705	0.778838	469.4224	1209.462	65.8659	0.262354	2.1782	0.48141289	479.588279	1298.89265	0.27765202	2.15602659	0.29390228	1	1
2002.231	1334.231	0.4346	0.76652	471.9396	1244.86	64.3603	0.245516	2.1744	0.4489885	482.123674	1334.44067	0.26084105	2.15218695	0.27633674	3	1
2002.384	1334.384	0.425437	0.762203	472.5927	1267.919	64.6361	0.241323	2.17211	0.43985128	482.795088	1357.65063	0.25667525	2.14985704	0.2719542	3	1

2002.536	1334.536	0.41292	0.751717	472.596	1289.104	65.7664	0.235061	2.1712	0.42735988	482.816582	1378.98557	0.25044026	2.1489074	0.26539826	1	1
2002.688	1334.688	0.424168	0.7445076	472.596	1294.145	62.98495	0.2396853	2.1752	0.43863348	482.834775	1384.17647	0.25509158	2.15286776	0.27024774	3	1
2002.841	1334.841	0.404447	0.746497	472.4778	1291.293	61.8062	0.228814	2.1771	0.41893826	482.734887	1381.47531	0.24424747	2.15472787	0.25885133	4	1
2002.993	1334.993	0.4174	0.735908	472.3564	1269.563	59.8149	0.235065	2.1786	0.43191686	482.631679	1359.89513	0.25052548	2.15618823	0.26541471	2	1
2003.146	1335.146	0.426464	0.753671	472.1201	1253.042	61.4606	0.239903	2.1785	0.44100663	482.413689	1343.52489	0.25539067	2.15604834	0.27048797	3	1
2003.298	1335.298	0.456576	0.738012	473.0128	1243.676	63.546	0.255723	2.1808	0.47114422	483.32458	1334.30863	0.27123767	2.1583087	0.28702431	1	1
2003.45	1335.45	0.465272	0.709445	475.1099	1264.368	65.3517	0.261155	2.1789	0.47986582	485.439869	1355.15034	0.27669668	2.15636907	0.29269008	1	1
2003.603	1335.603	0.447656	0.682143	479.5044	1299.17	66.2201	0.25218	2.17591	0.46227559	489.852678	1390.10298	0.26774886	2.15333918	0.28333559	1	1
2003.755	1335.755	0.4712	0.659635	484.47	1340.217	66.2211	0.266607	2.1714	0.48584518	494.836467	1431.29961	0.28220286	2.14878955	0.29837341	1	1
2003.908	1335.908	0.465025	0.635139	488.4542	1369.455	67.2194	0.263274	2.1709	0.47969594	498.838974	1460.68818	0.27889703	2.14824967	0.2949089	1	1
2004.06	1336.06	0.501441	0.619425	490.6137	1392.452	70.5731	0.285517	2.16561	0.51613753	501.016661	1483.83472	0.30116703	2.14292004	0.31801078	13	1
2004.212	1336.212	0.477429	0.629484	490.4956	1402.635	70.8449	0.272965	2.1613	0.49215112	500.916747	1494.16723	0.28864202	2.13857042	0.30499475	1	1
2004.365	1336.365	0.513114	0.640291	488.6512	1406.321	71.4247	0.294667	2.15671	0.52786188	499.090653	1498.00368	0.31037119	2.13394054	0.32748755	13	1
2004.517	1336.517	0.4842	0.648187	486.5605	1404.063	70.2188	0.276764	2.1614	0.49897347	497.018138	1495.89511	0.29249518	2.13859092	0.30894736	4	1
2004.67	1336.67	0.493463	0.6531045	485.0739	1396.337	70.86169	0.281694	2.16269	0.50826223	495.549842	1488.31948	0.29745234	2.13984104	0.31406523	13	1
2004.822	1336.822	0.489606	0.663783	483.6364	1384.867	69.4838	0.279156	2.1639	0.50443081	494.130526	1476.99883	0.29494133	2.14101142	0.31143733	4	1
2004.974	1336.974	0.501962	0.670495	483.3377	1366.817	67.5564	0.286621	2.16261	0.5168124	493.850009	1459.09814	0.30243331	2.1396818	0.31917841	4	1
2005.127	1337.127	0.478456	0.663911	483.6331	1359.567	66.0475	0.272143	2.16629	0.49333215	494.163711	1451.9984	0.28798247	2.14332193	0.30416511	1	1
2005.279	1337.279	0.4582	0.659204	484.1713	1357.519	67.2396	0.257886	2.1764	0.47310173	494.720093	1450.09963	0.27375244	2.15339232	0.28933245	1	1
2005.432	1337.432	0.473738	0.662095	482.8061	1359.422	68.316	0.263817	2.18676	0.48866548	493.373194	1452.15281	0.2797106	2.16371245	0.29551471	1	1
2005.584	1337.584	0.46142	0.665395	479.1664	1359.429	68.6739	0.254148	2.19628	0.47637306	489.751674	1452.30896	0.27006857	2.17319284	0.28544226	1	1
2005.736	1337.736	0.461219	0.683371	475.2182	1352.964	69.7522	0.253487	2.19829	0.47619764	485.821654	1445.99308	0.26943454	2.17516323	0.2847566	1	1
2005.889	1337.889	0.472763	0.708459	473.7939	1339.898	67.0314	0.262506	2.18953	0.48776738	484.415653	1433.07714	0.27848069	2.16636336	0.29416197	1	1
2006.041	1338.041	0.5119	0.701012	474.9819	1323.387	67.0459	0.290554	2.1697	0.52692996	485.621832	1416.71518	0.30655565	2.14649376	0.32327789	4	1
2006.194	1338.194	0.533713	0.67564	478.6676	1327.667	63.6064	0.30709	2.15546	0.5487687	489.325829	1421.14516	0.32311879	2.1322139	0.3403623	6	1
2006.346	1338.346	0.551686	0.661012	483.213	1348.671	64.9977	0.318465	2.1528	0.56676727	493.889406	1442.29812	0.33452076	2.1295143	0.3520824	1	1
2006.498	1338.498	0.515505	0.655708	485.786	1369.573	62.9613	0.294047	2.16441	0.53061184	496.480583	1463.34904	0.31012971	2.1410847	0.32690287	6	1
2006.651	1338.651	0.522084	0.6545982	487.3909	1367.548	62.28388	0.2963389	2.17059	0.53721658	498.103778	1461.47391	0.31244875	2.14722484	0.32927604	6	1
2006.803	1338.803	0.5017	0.651205	486.6196	1357.401	60.8912	0.283738	2.1729	0.51685815	497.350654	1451.47575	0.2998748	2.14949524	0.31624025	1	1
2006.956	1338.956	0.518035	0.648902	485.7269	1348.011	63.9242	0.294911	2.16682	0.53321889	496.476248	1442.23554	0.31107493	2.14337539	0.32780821	6	1
2007.108	1339.108	0.506419	0.648501	484.6505	1346.902	67.1252	0.289101	2.16301	0.52162845	495.418022	1441.27531	0.30529188	2.13952579	0.32180241	6	1
2007.26	1339.26	0.522627	0.646102	485.1263	1350.364	67.5724	0.299765	2.1585	0.53786202	495.911995	1444.88604	0.31598283	2.1349762	0.3328315	6	1
2007.413	1339.413	0.539759	0.640409	485.425	1353.216	64.7441	0.30964	2.1596	0.55501975	496.228987	1447.8877	0.32588496	2.13603635	0.34302315	6	1
2007.565	1339.565	0.5048	0.633811	485.7237	1354.536	64.7263	0.289526	2.1579	0.52008631	496.545859	1449.35636	0.3057979	2.13429676	0.32225435	4	1
2007.718	1339.718	0.531394	0.62741	485.7237	1354.181	64.2271	0.305348	2.1569	0.54670604	496.56415	1449.15095	0.32164702	2.13325691	0.33860582	6	1
2007.87	1339.87	0.527307	0.630795	485.7237	1358.467	65.1715	0.304434	2.15111	0.5426446	496.582321	1453.58552	0.32075996	2.12742733	0.33766693	6	1
2008.022	1340.022	0.515623	0.64328	485.6055	1368.877	63.1163	0.298846	2.1465	0.53098616	496.482291	1464.14406	0.31519889	2.12277774	0.33190244	6	1
2008.175	1340.175	0.467554	0.64969	485.4841	1381.349	63.2285	0.271284	2.14809	0.48294289	496.37918	1476.76553	0.28766401	2.1243279	0.30335343	1	1
2008.327	1340.327	0.4411	0.657594	484.9492	1383.298	64.3313	0.255528	2.153	0.45651444	495.862448	1478.86299	0.27193494	2.12919832	0.28695487	4	1
2008.48	1340.48	0.429546	0.662792	484.5914	1371.293	64.4264	0.246612	2.16206	0.44498617	495.522936	1467.00739	0.26304604	2.13821848	0.27764944	1	1
2008.632	1340.632	0.420707	0.6620976	483.8136	1363.016	65.49032	0.2402786	2.1675	0.43617272	494.763303	1458.87877	0.25673957	2.1436189	0.27102793	1	1
2008.784	1340.784	0.42383	0.657907	483.935	1364.687	63.1338	0.241005	2.1704	0.43932127	494.90287	1460.69811	0.2574929	2.14647933	0.27179244	1	1
2008.937	1340.937	0.46131	0.650406	484.8277	1373.371	62.9741	0.261027	2.1715	0.47682699	495.813855	1469.53139	0.277542	2.14753949	0.29270268	4	1
2009.089	1341.089	0.475	0.63792	485.425	1388.907	61.8407	0.269289	2.1695	0.49054254	496.429321	1485.21566	0.28583092	2.14549992	0.30130413	4	1
2009.242	1341.242	0.484868	0.62511	485.7237	1396.282	61.6446	0.2748	2.1699	0.50043626	496.746305	1492.73986	0.29136902	2.14586009	0.30703377	4	1
2009.394	1341.394	0.456146	0.626398	485.7237	1394.759	61.9407	0.259638	2.16641	0.47173981	496.764469	1491.36505	0.27623393	2.14233052	0.29126778	4	1
2009.546	1341.546	0.459404	0.630294	485.425	1387.105	61.9806	0.261118	2.1675	0.47502335	496.483933	1483.8592	0.27774085	2.14338095	0.29281364	4	1
2009.699	1341.699	0.464588	0.6338912	484.831	1371.52	61.46402	0.2625768	2.17249	0.48023306	495.908215	1468.42329	0.27922674	2.14833112	0.29433689	4	1
2009.851	1341.851	0.4875	0.636895	483.6364	1367.427	61.8165	0.274606	2.1762	0.50317061	494.731777	1464.47836	0.29128285	2.15200156	0.30684845	1	1
2010.004	1342.004	0.492281	0.6392965	483.3377	1370.873	62.45187	0.276944	2.17789	0.50797732	494.451358	1468.07337	0.29364793	2.15365173	0.30927947	1	1
2010.156	1342.156	0.525247	0.637403	483.6331	1386.255	66.9011	0.298148	2.17091	0.54096886	494.764919	1483.60337	0.31487884	2.14663217	0.33123762	6	1
2010.308	1342.308	0.520555	0.633903	484.9492	1394.88	67.0844	0.296102	2.16799	0.5363024	496.099179	1492.37632	0.31285974	2.14367261	0.32912758	1	1
2010.461	1342.461	0.49259	0.626013	485.6613	1397.847	68.1271	0.281543	2.16142	0.5083631	496.829558	1495.49222	0.29832782	2.13706279	0.31406185	4	1
2010.613	1342.613	0.4769	0.6322091	486.321	1398.214	66.56736	0.2737456	2.1575	0.49269864	497.507417	1496.0071	0.29055732	2.13310324	0.30597515	4	1
2010.766	1342.766	0.477697	0.650071	486.8559	1403.682	66.5169	0.275782	2.15192	0.49352135	498.060594	1501.62391	0.29262079	2.12748342	0.30809356	4	1
2010.918	1342.918	0.49039	0.658693	488.4083	1413.722	65.1142	0.283287	2.1506	0.50623988	499.631152	1511.81172	0.30015268	2.12612387	0.3158816	4	1
2011.07	1343.07	0.496604	0.656404	490.7943	1428.054	64.3517	0.286754	2.15081	0.51247941	502.035309	1526.29149	0.30364657	2.12629431	0.31947716	4	1
2011.223	1343.223	0.499194	0.644609	488.8316	1428.884	65.0622	0.28573	2.15998	0.51509511	500.090884	1527.27018	0.30264964	2.1354245	0.3184207	4	1

2011.375	1343.375	0.475	0.662571	482.3236	1414.687	66.0066	0.271712	2.1609	0.49092664	493.60104	1513.22087	0.28865853	2.13630495	0.30388287	4	1
2011.528	1343.528	0.448805	0.675679	469.0089	1399.948	66.364	0.258756	2.15592	0.46475734	480.304614	1498.6305	0.27572959	2.13128515	0.29040534	4	1
2011.68	1343.68	0.434423	0.6924594	463.5346	1384.516	65.55115	0.2548701	2.14392	0.45040087	474.848468	1483.34611	0.27187057	2.1192456	0.28635775	4	1
2011.832	1343.832	0.447911	0.68631	463.528	1384.608	67.5832	0.263903	2.1376	0.4639144	474.860022	1483.58569	0.28093035	2.11288605	0.29577409	1	1
2011.985	1343.985	0.461966	0.6845982	467.9324	1380.919	68.48417	0.2703774	2.14089	0.47799509	479.282694	1480.04519	0.28743181	2.11613625	0.30251215	1	1
2012.137	1344.137	0.432	0.681106	470.9255	1391.415	69.9377	0.254673	2.1406	0.44805461	482.293947	1490.68869	0.27175429	2.11580671	0.28616428	1	1
2012.29	1344.29	0.44196	0.682699	473.1834	1397.118	69.5918	0.259904	2.1404	0.4580403	484.570118	1496.54012	0.27701234	2.11556691	0.29162178	1	1
2012.442	1344.442	0.433514	0.678407	474.8605	1401.907	69.1693	0.255453	2.1406	0.44961983	486.265369	1501.47654	0.27258821	2.11572737	0.28698598	1	1
2012.594	1344.594	0.425691	0.6672021	479.2189	1402.514	70.37579	0.2499899	2.1451	0.44182235	490.641919	1502.23093	0.26715198	2.12018783	0.28128829	1	1
2012.747	1344.747	0.420113	0.658514	477.7913	1402.99	70.357	0.247382	2.1444	0.43627003	489.232588	1502.85524	0.26457112	2.11944804	0.27856782	1	1
2012.899	1344.899	0.4534	0.664895	478.8021	1402.511	71.0308	0.264813	2.1441	0.46958255	490.261537	1502.52355	0.28202899	2.11910851	0.29674945	1	1
2013.052	1345.052	0.453002	0.67079	479.3961	1403.702	68.425	0.264721	2.1437	0.46921024	490.873805	1503.86279	0.28196403	2.11866871	0.29665776	1	1
2013.204	1345.204	0.466489	0.661408	481.4868	1404.421	67.7393	0.271439	2.1456	0.48272275	492.982652	1504.72902	0.28870889	2.12052918	0.30364758	4	1
2013.356	1345.356	0.476317	0.646524	483.4001	1409.091	66.6673	0.277808	2.14229	0.49257626	494.914099	1509.54621	0.29510474	2.11717965	0.31026456	4	1
2013.509	1345.509	0.487066	0.629926	486.3111	1418.95	67.1189	0.286326	2.13343	0.50335095	497.843365	1519.55334	0.30364978	2.10827987	0.31909821	4	1
2013.661	1345.661	0.5059	0.6187269	491.5129	1437.361	67.13638	0.2994065	2.1244	0.52221046	503.063311	1538.11145	0.31675713	2.09921034	0.33262966	1	1
2013.814	1345.814	0.523231	0.601028	499.1204	1455.665	67.4598	0.31008	2.12131	0.53956713	510.689075	1556.5635	0.32745766	2.09608056	0.34364461	1	1
2013.966	1345.966	0.508412	0.578216	501.8313	1471.598	67.57198	0.2999781	2.12739	0.52477364	513.41812	1572.64354	0.31738261	2.10212103	0.33322795	1	1
2014.118	1346.118	0.505208	0.575704	500.9387	1490.469	65.9249	0.293844	2.1429	0.52159515	512.543663	1591.66154	0.31127535	2.11759151	0.32689369	4	1
2014.271	1346.271	0.515176	0.581395	497.6075	1493.443	65.6288	0.298644	2.14629	0.53158883	509.230726	1594.78347	0.31610238	2.12094173	0.33185815	1	1
2014.423	1346.423	0.5351	0.579004	496.2849	1484.979	65.6438	0.311275	2.1424	0.55153833	507.926268	1586.4664	0.32876022	2.11701221	0.34489186	1	1
2014.576	1346.576	0.546056	0.570507	496.344	1465.126	67.6493	0.319703	2.13473	0.56252	508.003629	1566.76126	0.33721524	2.10930244	0.35357157	1	1
2014.728	1346.728	0.517845	0.5706	497.6567	1453.61	66.3774	0.302724	2.1369	0.5343345	509.33447	1555.39211	0.32026307	2.11143292	0.33608261	1	1
2014.88	1346.88	0.494852	0.58349	498.254	1450.965	67.0862	0.28964	2.13699	0.51136701	509.949911	1552.89392	0.30720591	2.11148341	0.32256508	1	1
2015.033	1347.033	0.464872	0.585696	498.3754	1450.847	65.8434	0.274127	2.13371	0.48141267	510.08957	1552.92366	0.29171992	2.10816364	0.30648799	4	1
2015.185	1347.185	0.4842	0.579905	498.6117	1452.875	68.5652	0.285746	2.13	0.50076617	510.344009	1555.0984	0.30336575	2.10441413	0.31854164	1	1
2015.338	1347.338	0.508005	0.576605	498.7299	1454.657	67.6787	0.298491	2.13189	0.52459684	510.480467	1557.02806	0.31613776	2.10626436	0.33172812	1	1
2015.49	1347.49	0.502609	0.573705	498.9695	1456.928	67.9919	0.294767	2.1343	0.51922633	510.738205	1559.44572	0.31244058	2.10863485	0.32788397	1	1
2015.642	1347.642	0.506236	0.5680135	499.209	1458.605	66.88129	0.2963687	2.1359	0.52287883	510.995842	1561.26934	0.31406911	2.11019535	0.32954342	1	1
2015.795	1347.795	0.466228	0.56201	499.5668	1459.317	65.8972	0.274466	2.135	0.48289649	511.371898	1562.12889	0.29219341	2.10925558	0.3068601	4	1
2015.947	1347.947	0.4888	0.5586993	499.6882	1463.256	65.81642	0.2882045	2.1303	0.50549398	511.511434	1566.21444	0.30595873	2.10451608	0.32110736	4	1
2016.1	1348.1	0.504537	0.554007	499.5668	1470.627	67.2164	0.299985	2.11974	0.52125664	511.408288	1573.73291	0.31776622	2.09391632	0.33329107	1	1
2016.252	1348.252	0.512494	0.543308	499.6849	1485.445	68.3475	0.305445	2.1162	0.52923913	511.544523	1588.69739	0.32325304	2.09033682	0.33892992	1	1
2016.404	1348.404	0.505795	0.532817	499.5668	1488.914	67.5702	0.299953	2.12231	0.52256562	511.444556	1592.31282	0.31778785	2.09640732	0.33326599	1	1
2016.557	1348.557	0.499016	0.54549	499.209	1484.513	65.3857	0.293006	2.13337	0.51581227	511.105009	1588.05918	0.31086784	2.10742757	0.32609124	4	1
2016.709	1348.709	0.4963	0.558479	498.9695	1468.031	65.4888	0.290282	2.1376	0.51312176	510.883642	1571.72354	0.30817065	2.11161807	0.32327749	4	1
2016.862	1348.862	0.500782	0.563196	498.7332	1459.235	66.411	0.294437	2.13182	0.51762941	510.665593	1563.07482	0.31235263	2.10579832	0.32757884	1	1
2017.014	1349.014	0.504794	0.5634	498.4936	1454.792	66.9828	0.298282	2.12621	0.52166689	510.444124	1558.7781	0.31622443	2.10014883	0.33155619	1	1
2017.166	1349.166	0.494388	0.5637	498.0144	1455.979	65.9833	0.294313	2.1199	0.51128638	509.983055	1560.11135	0.31228223	2.09379934	0.32745863		

Well B20: Wireline logs

MD/RT	Burial Depth	ARLC	AT90	DTCO	DTSM	HSGR	PHI	RHOZ
m	m	v/v	Ωm	µs/m	µs/m	gAPI	v/v	g/cm³
1405.016	1044.016	-9999	-9999	531.4707	-9999	45.7284	0.421543	1.95445
1405.169	1044.169	-9999	-9999	538.3457	-9999	48.3715	0.401191	1.98803
1405.321	1044.321	-9999	-9999	539.9639	-9999	50.69753	0.380264	2.02256
1405.473	1044.473	-9999	-9999	540.187	-9999	54.00705	0.36843	2.04209
1405.626	1044.626	-9999	-9999	540.0128	-9999	55.43916	0.37203	2.03615
1405.778	1044.778	-9999	-9999	539.5504	-9999	54.3935	0.382242	2.01093
1405.931	1044.931	-9999	-9999	538.9268	-9999	51.23525	0.385739	2.01353
1406.083	1045.083	-9999	-9999	538.182	-9999	50.84621	0.37907	2.03113
1406.235	1045.235	-9999	-9999	537.6863	-9999	52.37218	0.365054	2.04766
1406.388	1045.388	-9999	-9999	536.4293	-9999	55.16818	0.361914	2.05281
1406.54	1045.54	-9999	-9999	534.8833	-9999	56.172	0.367979	2.04808
1406.693	1045.693	-9999	-9999	533.6889	-9999	54.83025	0.365613	2.04674
1406.845	1045.845	-9999	-9999	534.3616	-9999	54.57099	0.36708	2.04412
1406.997	1045.997	-9999	-9999	535.3535	-9999	53.7456	0.368669	2.0417
1407.15	1046.15	-9999	-9999	538.0703	-9999	54.87091	0.371983	2.03623
1407.302	1046.302	-9999	-9999	539.1467	-9999	54.2629	0.375051	2.03117
1407.455	1046.455	-9999	-9999	539.0417	-9999	53.91914	0.378347	2.02573
1407.607	1046.607	-9999	-9999	537.9717	-9999	54.14887	0.376493	2.02879
1407.759	1046.759	-9999	-9999	536.3944	-9999	54.79337	0.368189	2.04247
1407.912	1046.912	-9999	-9999	534.785	-9999	55.34834	0.36324	2.052
1408.064	1047.064	-9999	-9999	533.2557	-9999	54.3886	0.36444	2.04867
1408.217	1047.217	-9999	-9999	531.7526	-9999	51.17506	0.370214	2.03915
1408.369	1047.369	-9999	-9999	530.5751	-9999	51.84733	0.369852	2.03974
1408.521	1047.521	-9999	-9999	530.3148	-9999	51.72536	0.364178	2.04911
1408.674	1047.674	-9999	-9999	531.6409	-9999	52.95135	0.358358	2.05819
1408.826	1047.826	-9999	-9999	534.3417	-9999	54.2148	0.357168	2.06067
1408.979	1047.979	-9999	-9999	536.9149	-9999	53.98442	0.358603	2.05823
1409.131	1048.131	-9999	-9999	538.9641	-9999	52.30051	0.362305	2.05215
1409.283	1048.283	-9999	-9999	539.4453	-9999	51.84	0.362682	2.04237
1409.436	1048.436	-9999	-9999	539.3295	-9999	52.17138	0.376655	2.02852
1409.588	1048.588	-9999	-9999	539.5704	-9999	54.8285	0.382732	2.02309
1409.741	1048.741	-9999	-9999	535.5267	-9999	54.27004	0.366987	2.04447
1409.893	1048.893	-9999	-9999	535.9928	-9999	55.05001	0.357659	2.05986
1410.045	1049.045	-9999	-9999	537.8702	-9999	52.1279	0.359112	2.05247
1410.198	1049.198	0.65919	-9999	540.174	-9999	49.8836	0.369574	2.0402
1410.35	1049.35	0.685591	0.619335	541.7657	-9999	48.532	0.374628	2.03186
1410.503	1049.503	0.690288	0.627106	541.3103	-9999	49.9009	0.371101	2.03218
1410.655	1049.655	0.689996	0.631287	544.0761	-9999	50.9768	0.379632	2.02361
1410.807	1049.807	0.664815	0.683536	548.1654	-9999	50.5154	0.383625	2.01702
1410.96	1049.96	0.650184	0.691462	551.5717	-9999	49.9719	0.382424	2.0172
1411.112	1050.112	0.597191	0.603647	561.2996	-9999	51.17963	0.387058	2.01136
1411.265	1050.265	0.607743	0.593647	565.7073	-9999	52.12873	0.3866	2.01081
1411.417	1050.417	0.606497	0.586397	564.8539	-9999	54.8239	0.389157	2.00309
1411.569	1050.569	0.672128	0.586366	560.2527	-9999	56.51639	0.383512	2.0172
1411.722	1050.722	0.653713	0.583087	553.7872	-9999	57.93252	0.374952	2.03199
1411.874	1050.874	0.60734	0.615774	547.7187	-9999	58.4072	0.367171	2.04349
1412.027	1051.027	0.587385	0.572053	540.1473	-9999	58.1324	0.362694	2.05155
1412.179	1051.179	0.595313	0.57379	539.5208	-9999	58.27052	0.365794	2.04644
1412.331	1051.331	0.547391	0.625836	543.2244	-9999	55.61868	0.372346	2.03536
1412.484	1051.484	0.556385	0.5662999	535.0771	-9999	58.81245	0.363966	2.04859
1412.636	1051.636	0.574469	0.566174	531.9152	-9999	59.4638	0.3712	2.03752
1412.788	1051.788	0.59093	0.580914	531.3728	-9999	55.50114	0.367025	2.04441
1412.941	1051.941	0.607964	0.583626	530.1707	-9999	50.44822	0.365556	2.04683
1413.093	1052.093	0.621435	0.556285	528.0801	-9999	50.61354	0.366373	2.04994
1413.246	1052.246	0.641451	0.570395	526.8329	-9999	50.60637	0.363199	2.05204
1413.398	1052.398	0.636525	0.602264	526.8724	-9999	56.557	0.361807	2.05302
1413.551	1052.551	0.664774	0.631347	527.6141	-9999	53.29665	0.362084	2.05256
1413.703	1052.703	0.679243	0.649364	527.9193	-9999	53.38167	0.363763	2.04709
1413.855	1052.855	0.673474	0.663785	527.0889	-9999	53.40815	0.367993	2.04281
1414.008	1053.008	0.583705	0.677432	524.8142	-9999	51.75669	0.372964	2.03461
1414.16	1053.16	0.593202	0.682004	526.6245	-9999	49.2	0.376514	2.02907
1414.313	1053.313	0.559916	0.7063202	517.788	-9999	48.44755	0.369764	2.03989
1414.465	1053.465	0.569298	0.720743	513.6889	-9999	50.54385	0.356505	2.06177
1414.617	1053.617	0.571789	0.706195	511.3487	-9999	53.93123	0.361364	2.05784
1414.77	1053.77	0.566604	0.698175	513.0292	-9999	53.75856	0.345624	2.07972
1414.922	1053.922	0.64549	0.720784	-9999	-9999	55.8011	0.350603	2.07166
1415.075	1054.075	0.605685	0.659599	514.9945	-9999	54.5496	0.353646	2.06369
1415.227	1054.227	0.733316	0.5981732	543.2983	-9999	51.68678	0.368846	2.0414
1415.379	1054.379	0.701122	0.6099438	550.5317	-9999	49.47327	0.374821	2.03155
1415.532	1054.532	0.636064	0.6134197	553.2022	-9999	48.54887	0.373562	2.03693
1415.684	1054.684	0.577026	0.604125	548.756	-9999	49.8242	0.37357	2.03361
1415.837	1054.837	0.582222	0.600877	542.4778	-9999	52.44613	0.378094	2.02614
1415.989	1054.989	0.582989	0.597746	539.0865	-9999	52.74167	0.378911	2.02497
1416.141	1055.141	0.610812	0.5695053	533.6528	-9999	55.28398	0.361954	2.05278
1416.294	1055.294	0.625218	0.5695135	533.1047	-9999	54.83617	0.353873	2.06281
1416.446	1055.446	0.642353	0.5997735	534.8275	-9999	54.4223	0.362347	2.05213
1416.599	1055.599	0.612137	0.6086439	534.0565	-9999	55.22361	0.362465	2.05193
1416.751	1055.751	0.616394	0.613662	533.784	-9999	54.94553	0.359345	2.05708
1416.903	1055.903	0.601342	0.623827	531.1473	-9999	55.66628	0.361414	2.05387
1417.056	1056.056	0.571604	0.58853	532.8782	-9999	57.96701	0.359647	2.05654
1417.208	1056.208	0.559021	0.584088	534.3775	-9999	57.7136	0.364285	2.04893
1417.361	1056.361	0.573745	0.593493	534.1152	-9999	58.52913	0.361651	2.05266
1417.513	1056.513	0.578323	0.6097294	534.6505	-9999	57.71355	0.372617	2.03518
1417.665	1056.665	0.586094	0.612746	534.9754	-9999	58.3061	0.366983	2.04497
1417.818	1056.818	0.577494	0.5898775	534.0508	-9999	60.008	0.363562	2.05187
1417.97	1056.97	0.558891	0.578938	535.4777	-9999	56.0385	0.365879	2.0463
1418.123	1057.123	0.55907	0.581023	536.682	-9999	57.90374	0.363157	2.05016
1418.275	1057.275	0.57218	0.590193	537.3194	-9999	58.27736	0.362717	2.05072
1418.427	1057.427	0.585807	0.6006775	537.1021	-9999	58.22796	0.365244	2.04735
1418.58	1057.58	0.575132	0.5991347	536.1569	-9999	58.67006	0.369554	2.04024
1418.732	1057.732	0.594961	0.5873407	533.2281	-9999	59.12718	0.371302	2.03757
1418.885	1057.885	0.601617	0.5879073	534.785	-9999	58.16026	0.373181	2.03425
1419.037	1058.037	0.606713	0.5985297	534.6537	-9999	60.23907	0.373679	2.03818
1419.189	1058.189	0.591887	0.6076564	534.6537	-9999	59.12141	0.371993	2.0347
1419.342	1058.342	0.577582	0.609811	534.703	-9999	55.93818	0.365165	2.04583
1419.494	1058.494	0.568155	0.612746	534.9754	-9999	58.3061	0.366983	2.04497
1419.647	1058.647	0.559356	0.6106598	535.6548	-9999	60.008	0.363562	2.05187
1419.799	1058.799	0.555394	0.6073297	536.7312	-9999	61.36646	0.370583	2.03854
1419.951	1058.951	0.54986	0.6087747	537.634	-9999	60.59552	0.374	2.0329
1420.104	1059.104	0.552354	0.6076237	537.8273	-9999	61.74633	0.376237	2.02321
1420.256	1059.256	0.553764	0.605215	537.1549	-9999	61.8825	0.37642	2.02894
1420.409	1059.409	0.55895	0.5930293	537.1053	-9999	59.30422	0.373985	2.03301
1420.561	1059.561	0.57752	0.581257	537.3445	-9999	59.9041	0.372082	2.03707
1420.713	1059.713	0.589717	0.5805386	536.7706	-9999	59.56474	0.374466	2.03215
1420.866	1059.866	0.573228	0.595204	536.2849	-9999	61.61568	0.381122	2.02115
1421.018	1060.018	0.593864	0.6090796	536.152	-9999	59.6502	0.381506	2.02053
1421.171	1060.171	0.588257	0.615342	536.9445	-9999	61.13157	0.388856	2.00839
1421.323	1060.323	0.584643	0.6088134	537.6731	-9999	62.13044	0.382865	2.01829
1421.475	1060.475	0.592911	0.6070563	537.8569	-9999	59.9041	0.372082	2.03707
1421.628	1060.628	0.605245	0.6023748	537.4007	-9999	60.96784	0.376992	2.02796
1421.78	1060.78	0.61073	0.597434	536.4883	-9999	60.0257	0.379548	2.0375
1421.933	1060.933	0.603144	0.5952839	535.6239	-9999	60.69044	0.380307	2.02518
1422.085	1061.085	0.596742	0.5959513	535.0279	-9999	62.77563	0.378436	2.02558
1422.237	1061.237	0.599186	0.6035615	534.3586	-9999	62.63304	0.378444	2.0257
1422.39	1061.39	0.576096	0.6055133	534.2136	-9999	62.32079	0.381459	2.02059
1422.542	1061.542	0.567944	0.60511	533.3941	-9999	62.4545	0.385376	2.01413
1422.695	1061.695	0.577928	0.6041947	533.725	-9999	64.33057	0.384753	2.01502
1422.847	1061.847	0.578628	0.607357	533.1364	-9999	64.43663	0.377205	2.02761
1422.999	1061.999	0.569565	0.6058008	533.0191	-9999	63.9909	0.367053	2.04436
1423.152	1062.152	0.568644	0.6048197	532.9943	-9999	62.9943	0.361501	2.05344
1423.304	1062.304	0.561146	0.6078227	532.7601	-9999	61.761	0.364848	2.048
1423.457	1062.457	0.567779	0.6095899	532.9865	-9999	62.30592	0.368744	2.04157
1423.609	1062.609	0.598564	0.612196	533.8464	-9999	62.4848	0.369224	2.04076
1423.761	1062.761	0.602178	0.6132255	535.2445	-9999	65.59301	0.370127	2.03929
1423.914	1062.914	0.607292	0.6052451	536.7037	-9999	65.09799	0.369548	2.04025
1424.066	1063.066	0.584018	0.596872	537.7125	-9999	64.1196	0.370798	2.03818
1424.219	1063.219	0.570452	0.5893649	538.126	-9999	62.65033	0.372128	2.03599
1424.371	1063.371	0.588226	0.584836	538.1949	-9999	60.92678	0.369065	2.04104
1424.523	1063.523	0.585456	0.5813734	537.4618	-9999	59.46132	0.361288	2.05387
1424.676	1063.676	0.55383	0.5866862	537.3088	-9999	57.79145	0.352948	2.06764
1424.828	1063.828	0.54463	0.588527	536.3177	-9999	58.3503	0.354868	2.06447
1424.981	1063.981	0.537246	0.5864334	535.6184	-9999	61.32	0.364424	2.0487

Depth-determined logs (referenced to 1250m burial depth)

ARLC_determ	DTCO_determ	DTSM_determ	PHI_determ	RHOZ_determ
d	nd	nd	nd	nd
v/v	Ωm	µs/m	µs/m	gAPI
-9999	506.080933	-9999	38.8094497	2.01094529
-9999	512.385574	-9999	36.8062486	2.04448212
-9999	514.223265	-9999	39.3972954	2.07896924
-9999	514.465855	-9999	39.3729272	2.08145635
-9999	514.311273	-9999	39.1315591	2.09247315
-9999	514.383683	-9999	39.1812727	2.07588031
-9999	513.263769	-9999	39.4566117	2.06976764
-9999	513.264179	-9999	39.3453164	2.06976714
-9999	513.264179	-9999	39.3492915	2.07013193

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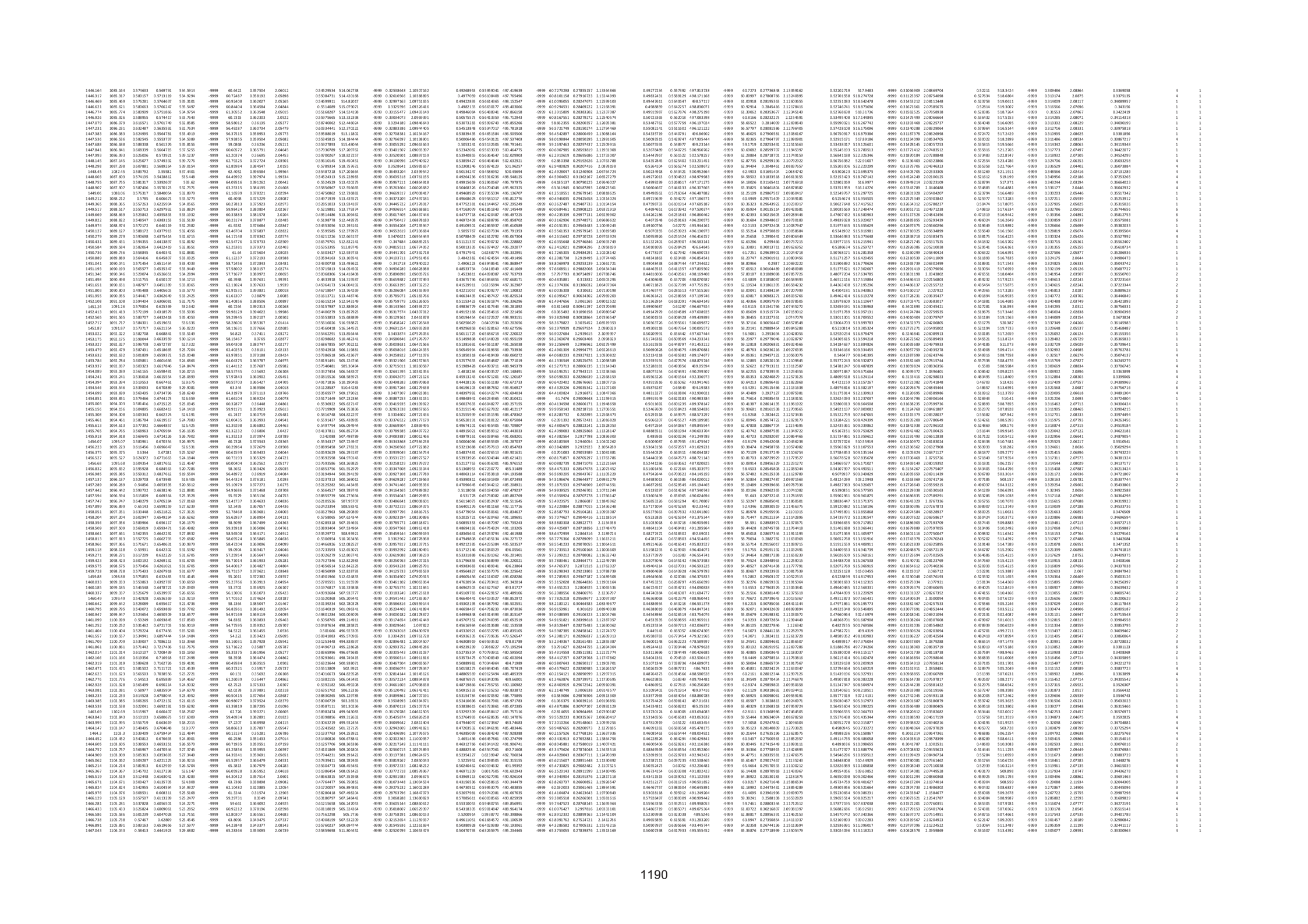

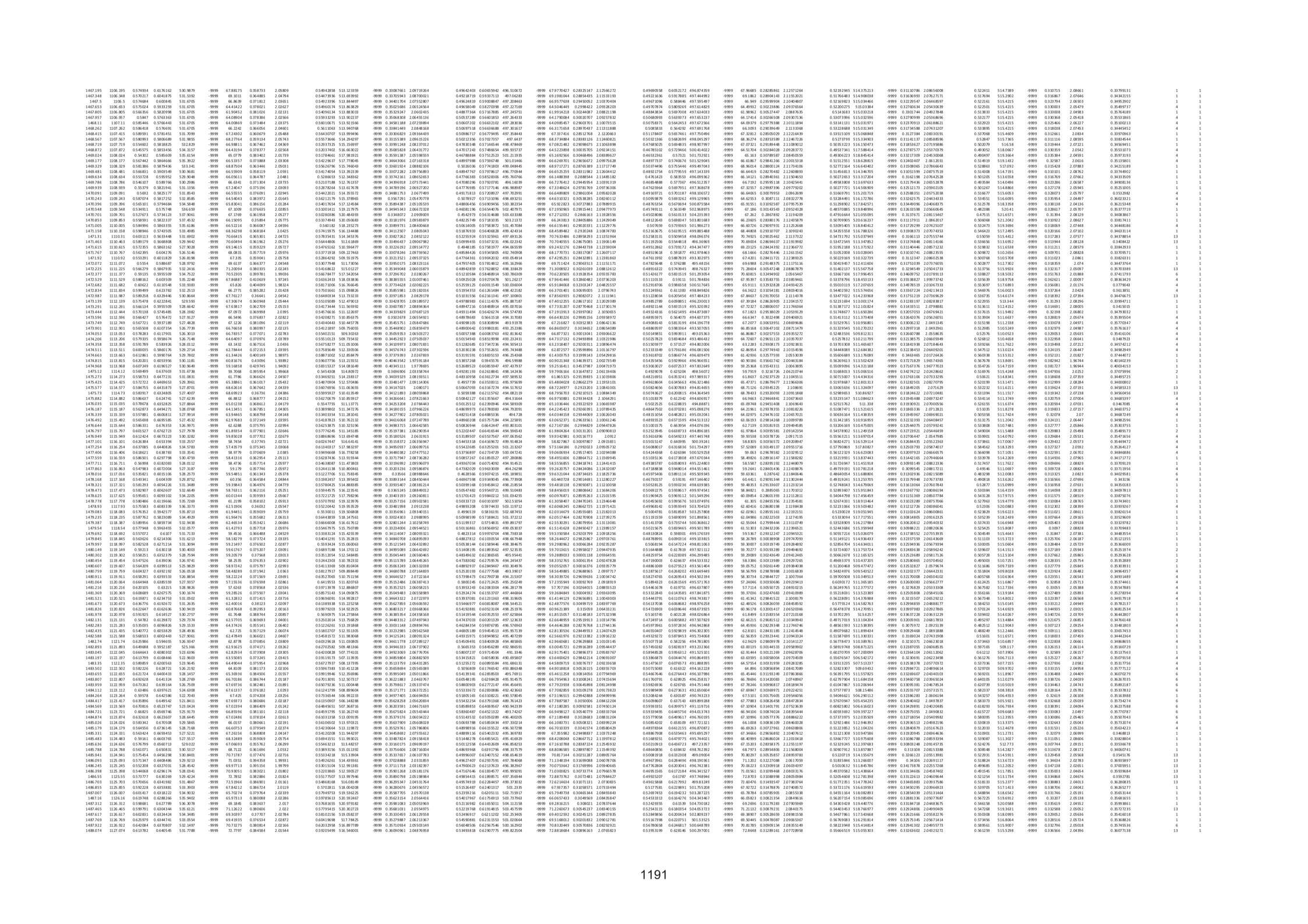



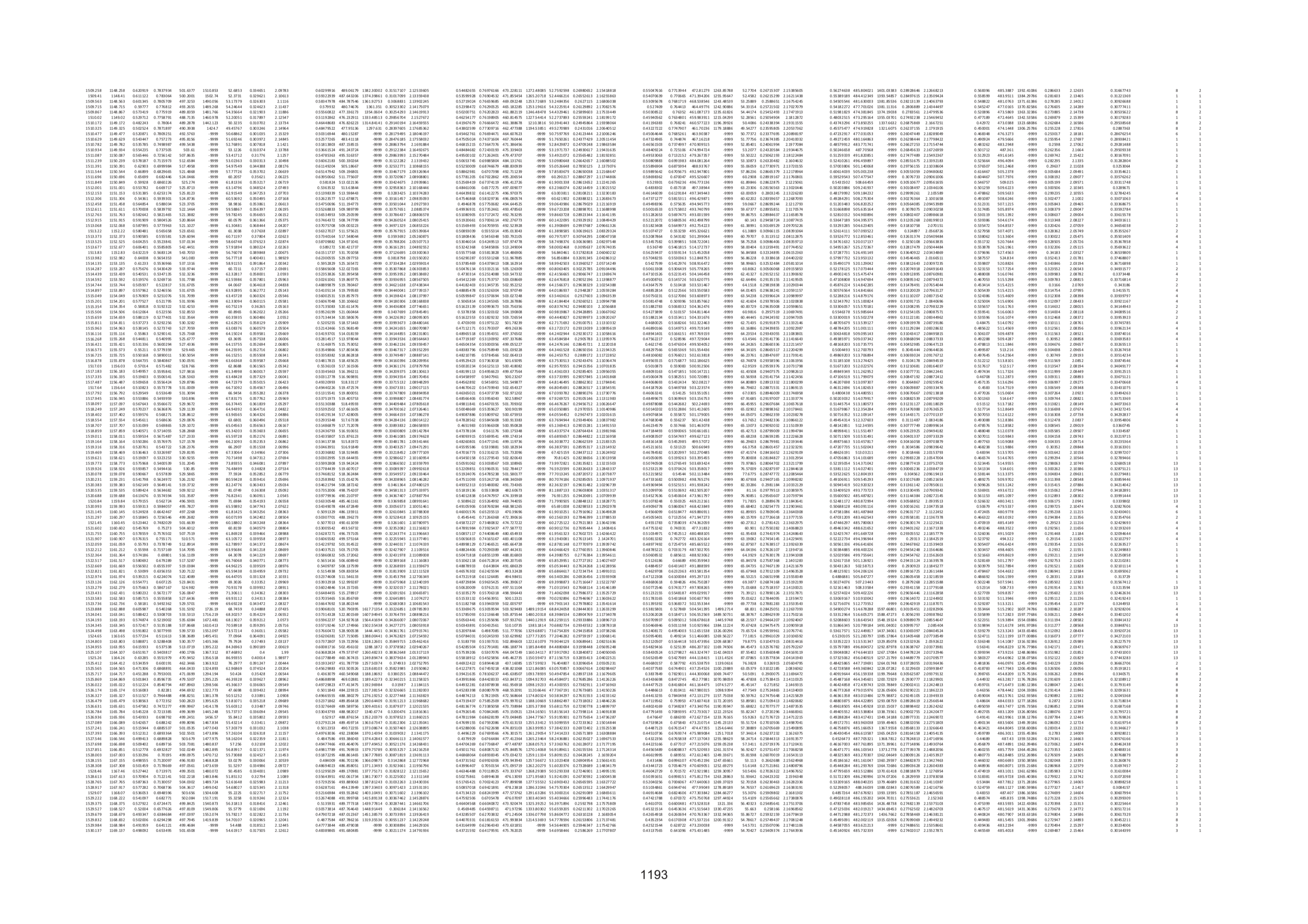

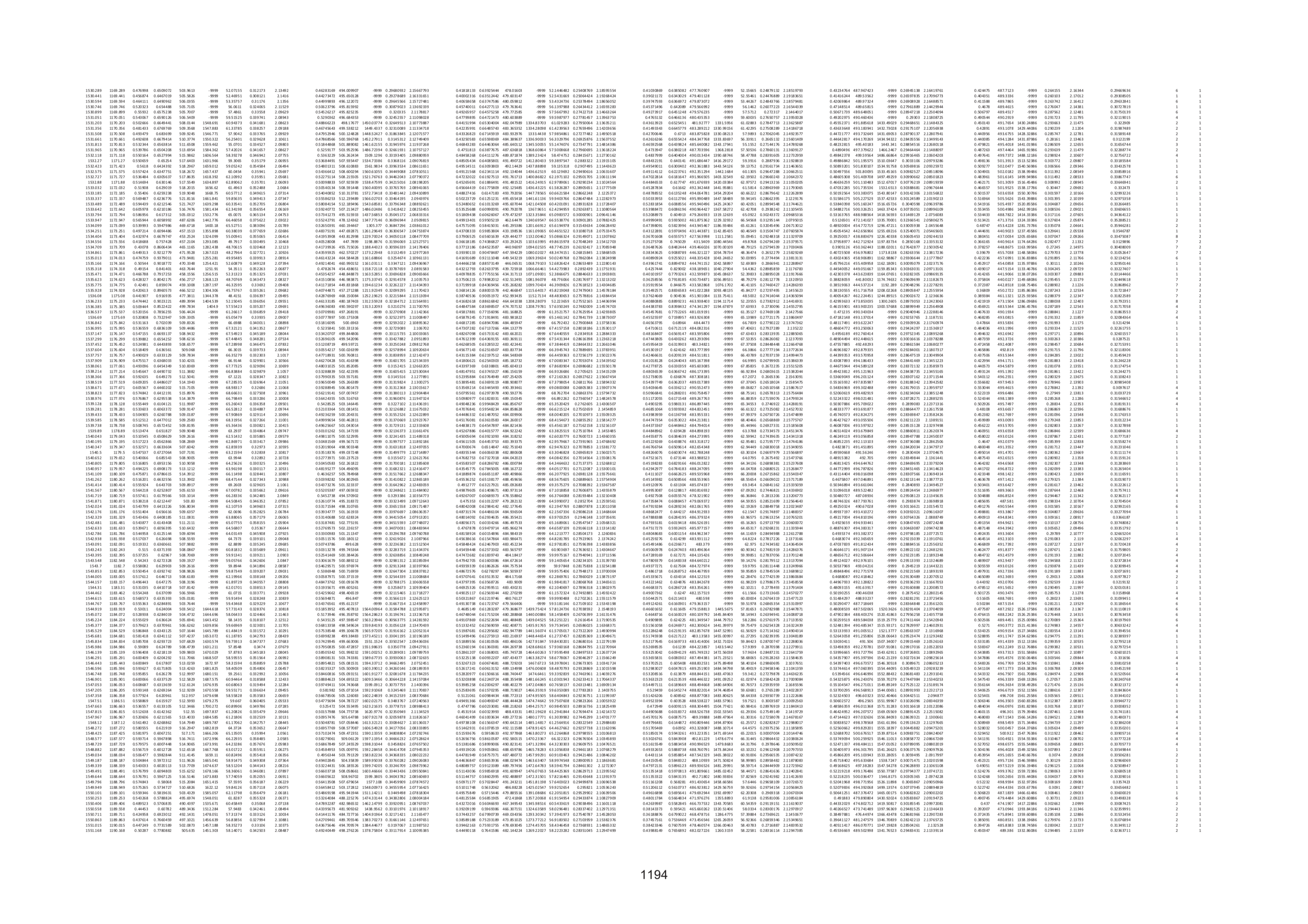

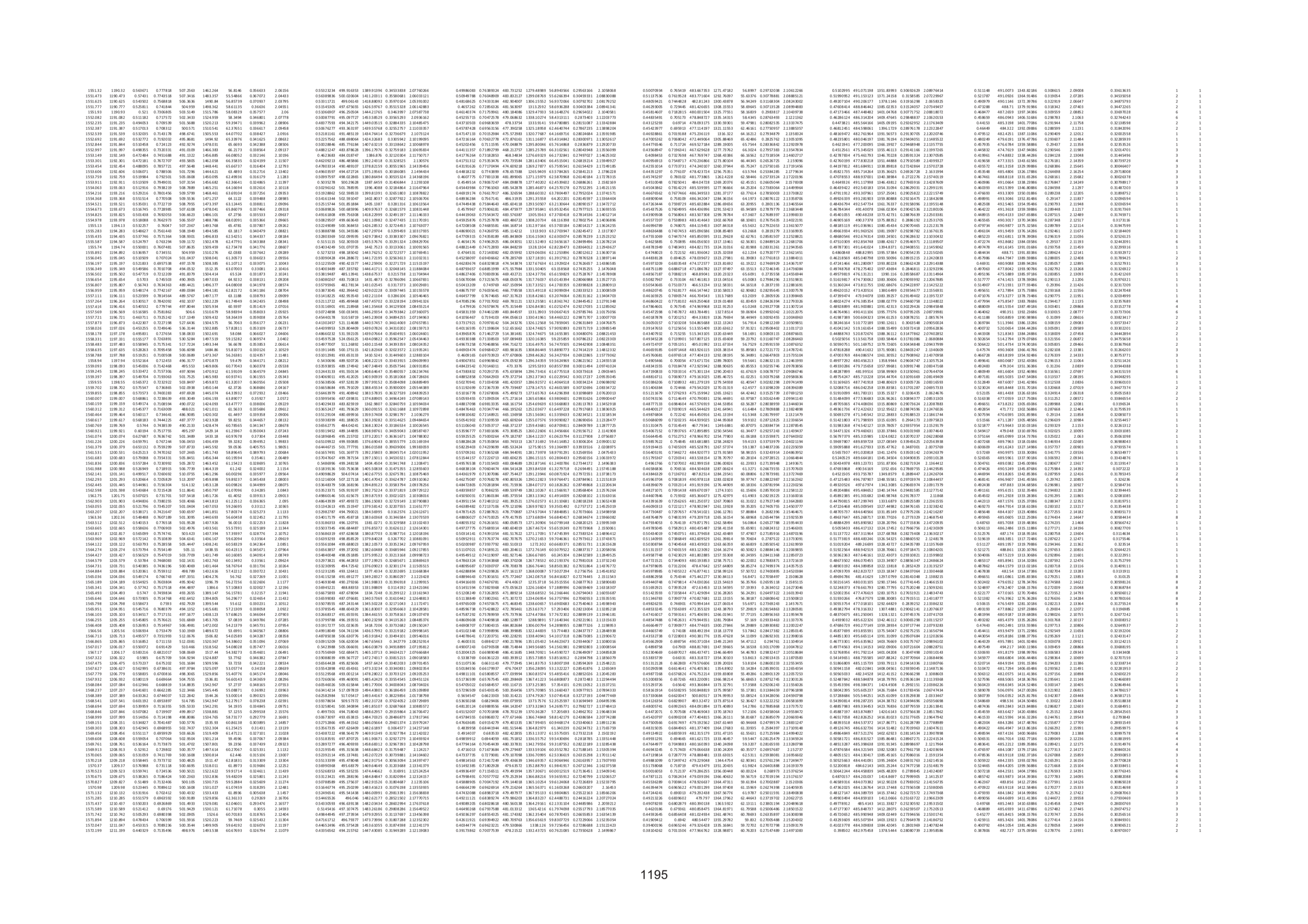

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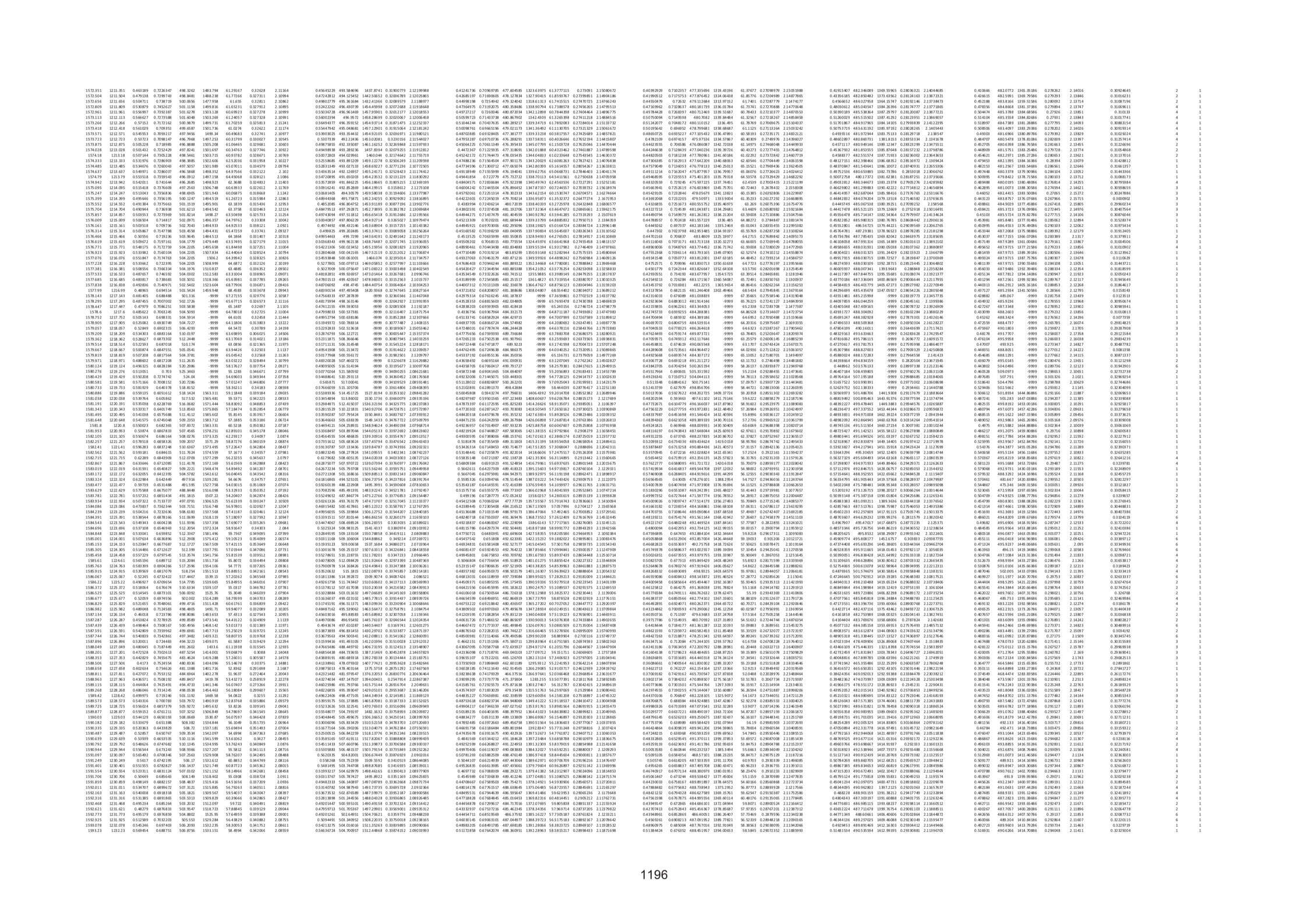

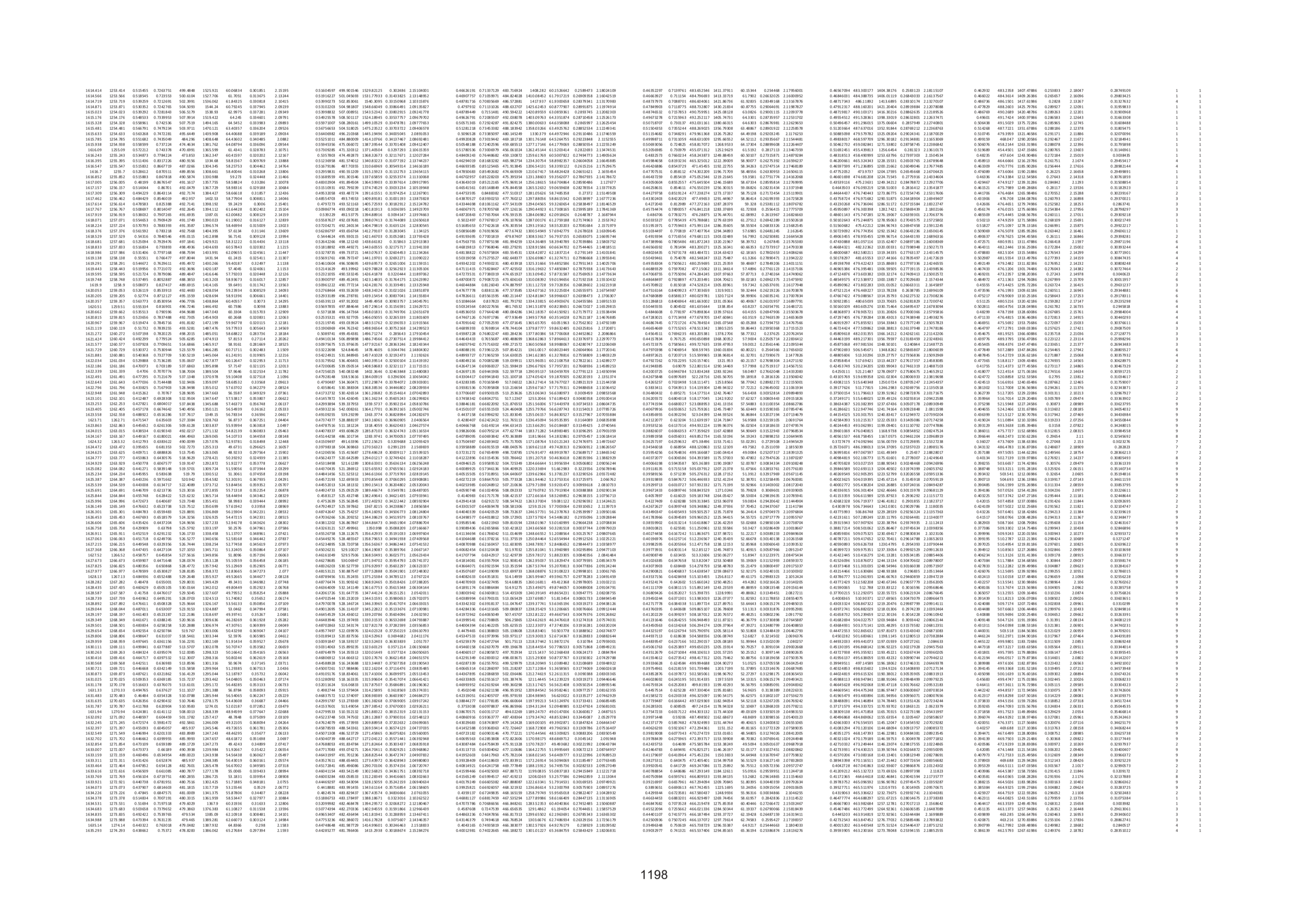

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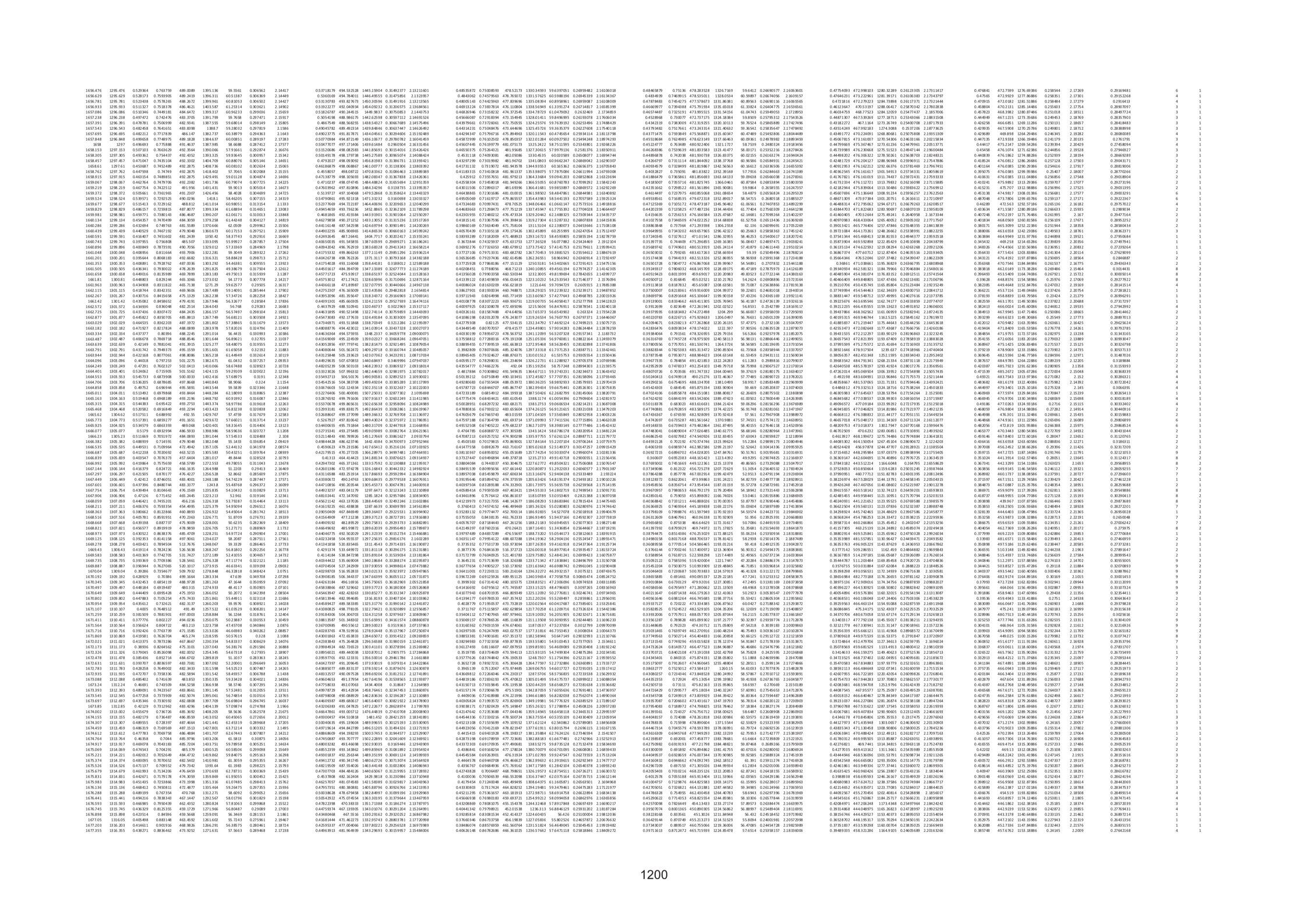

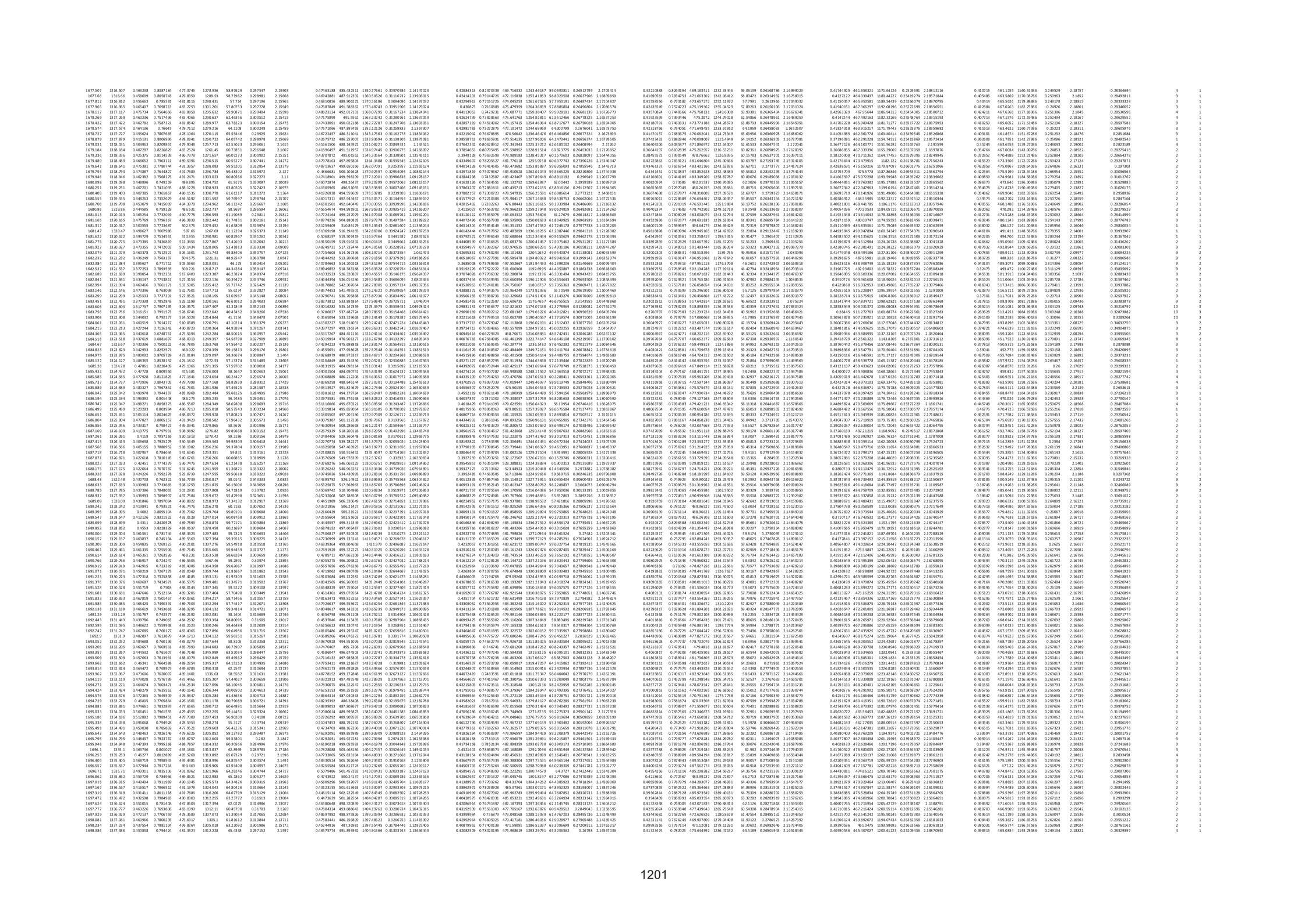

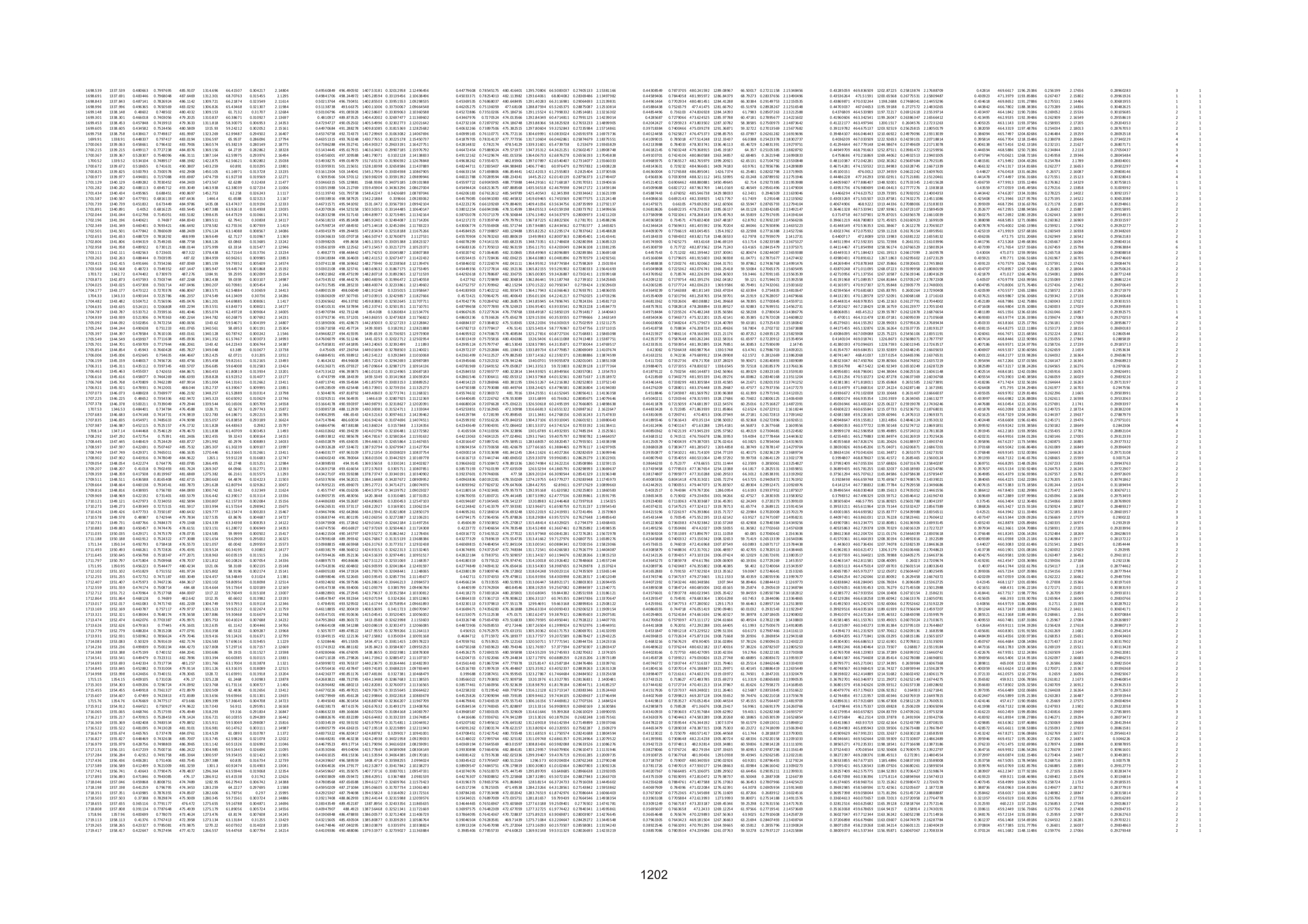

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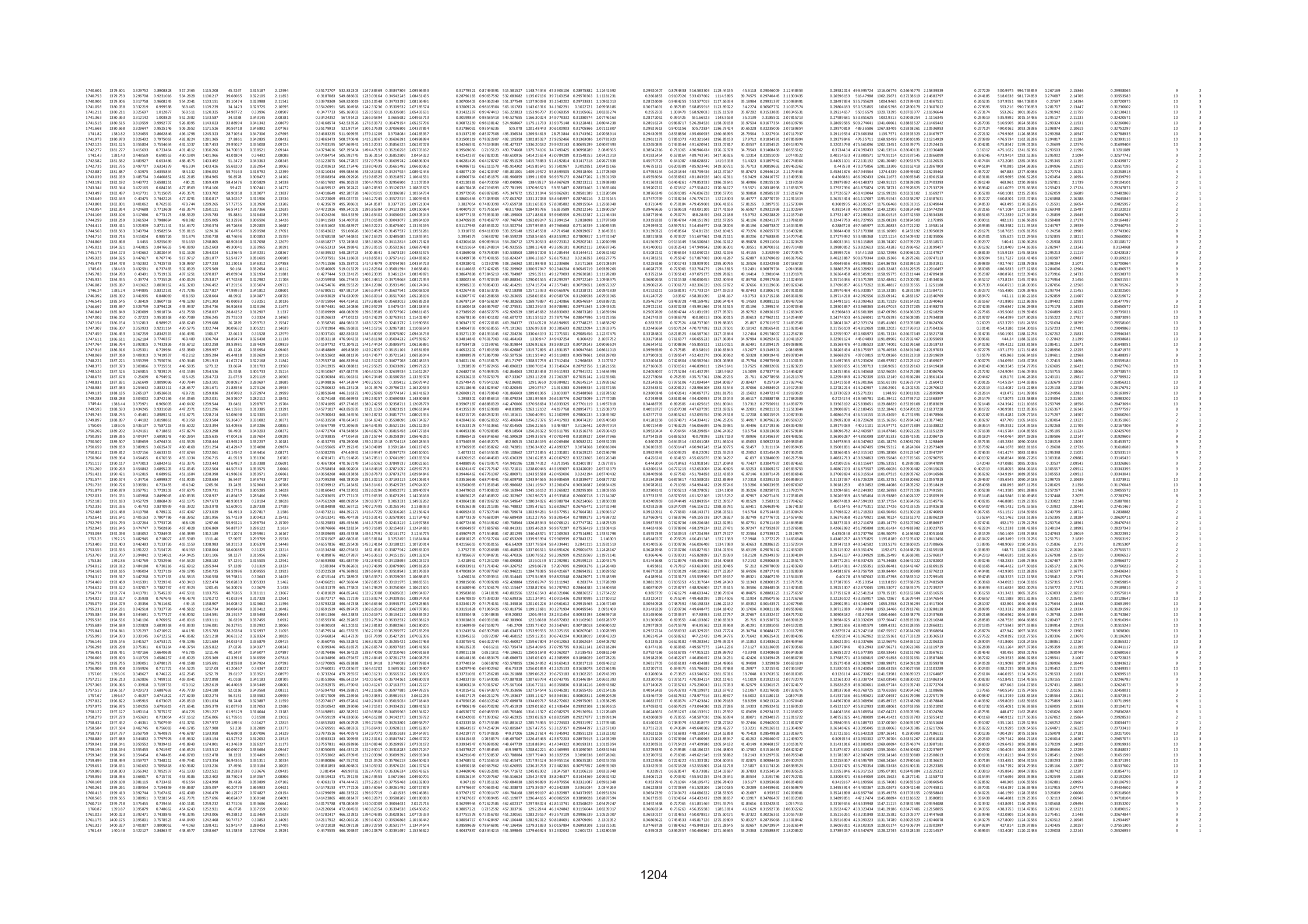

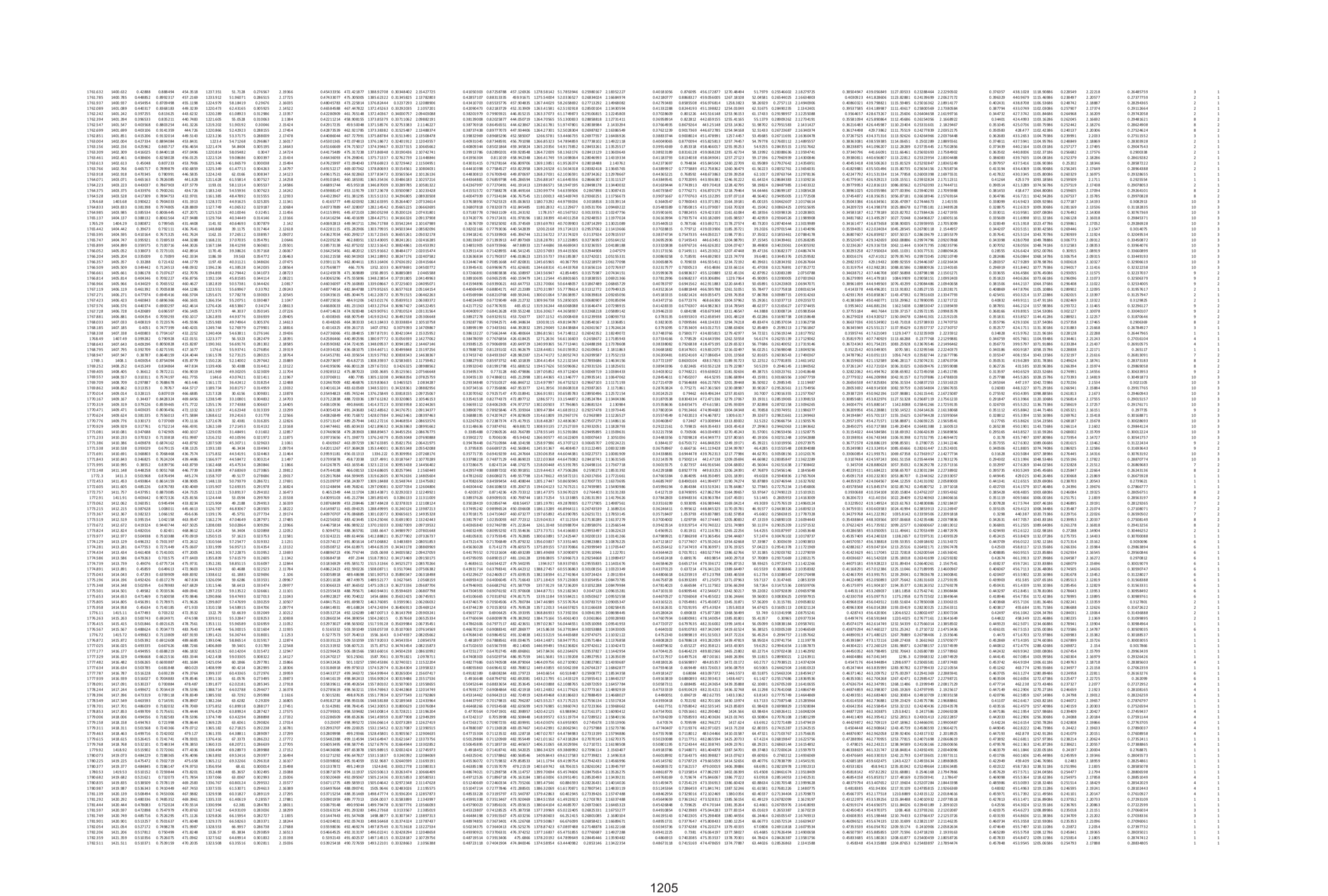

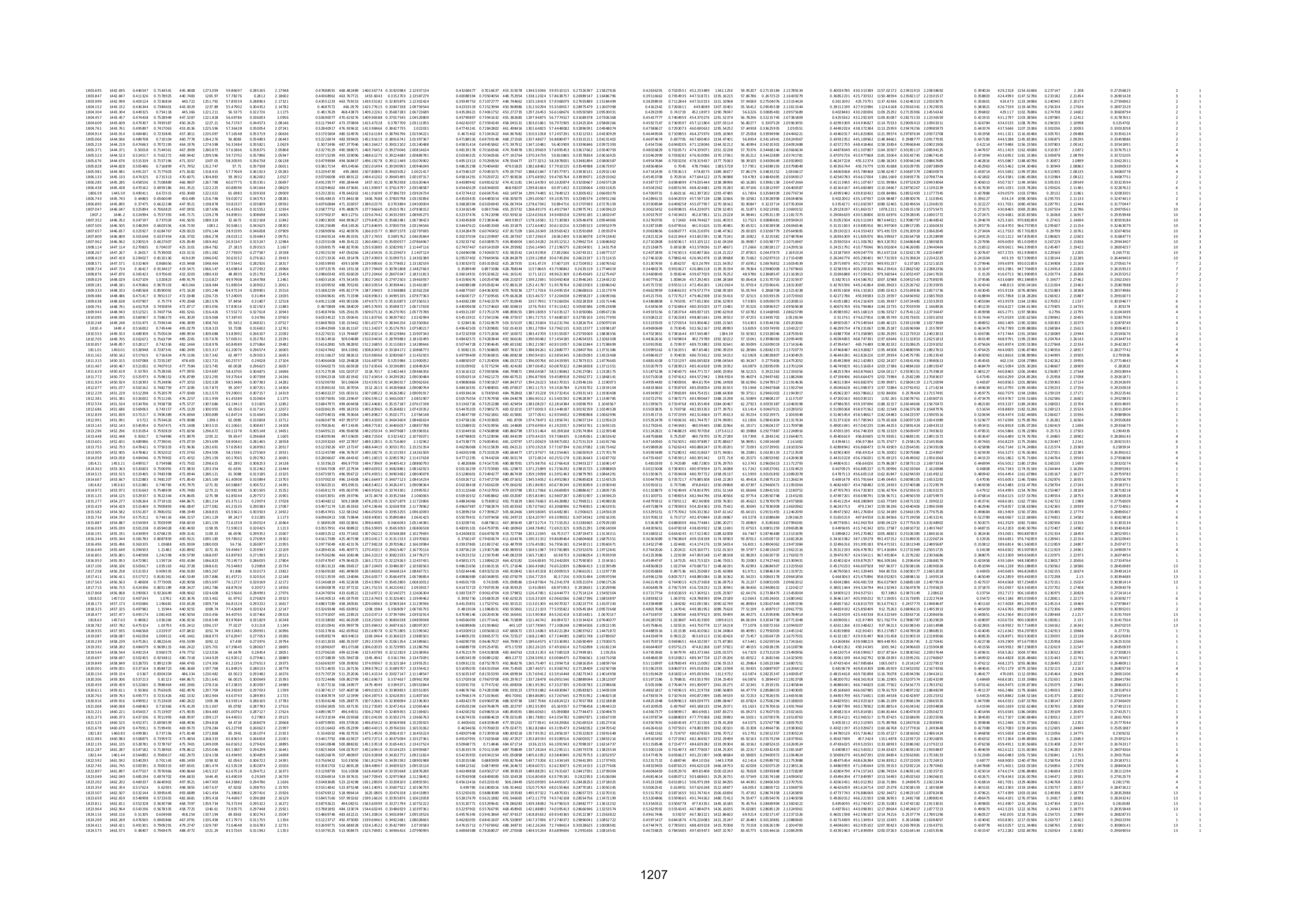

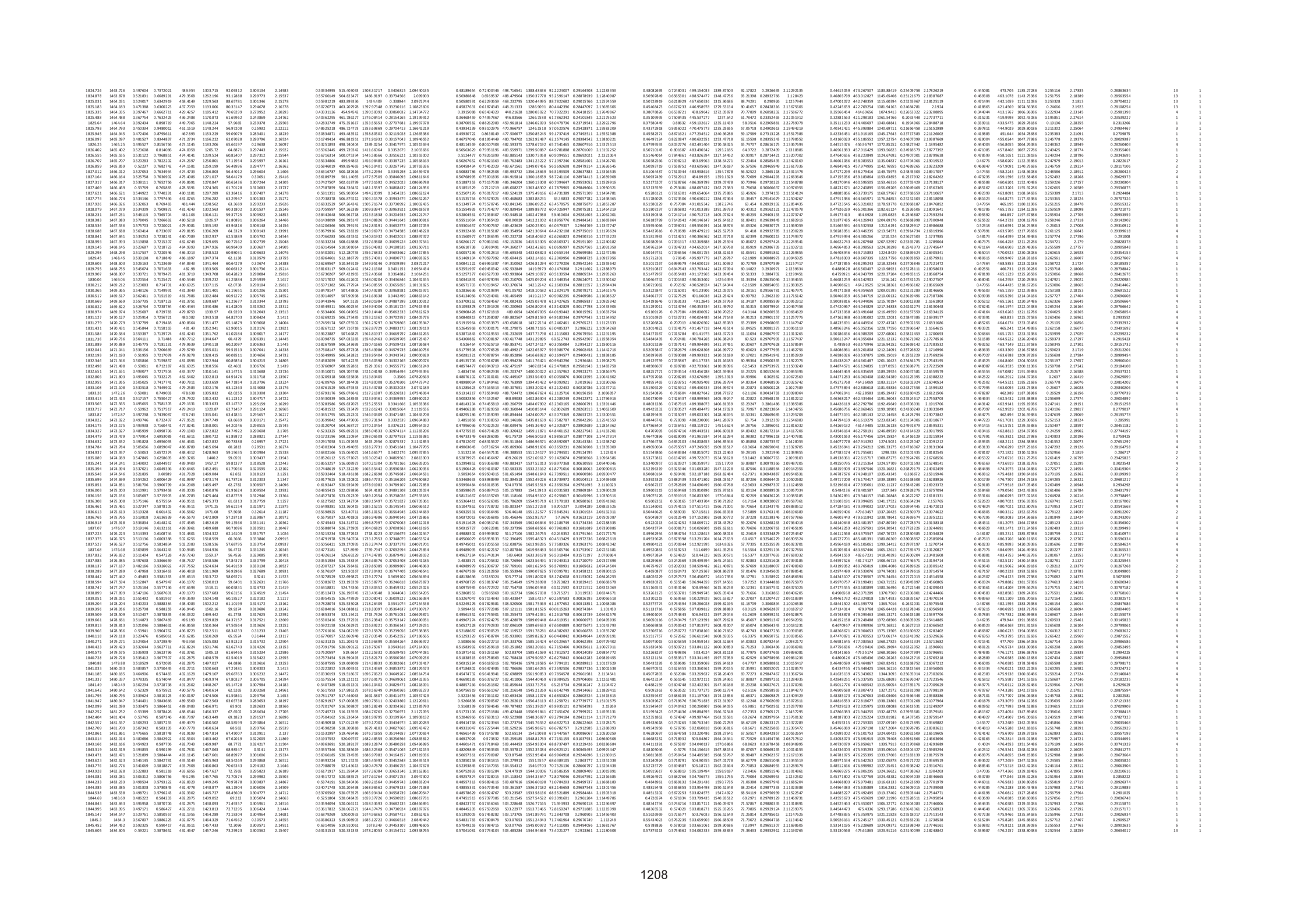

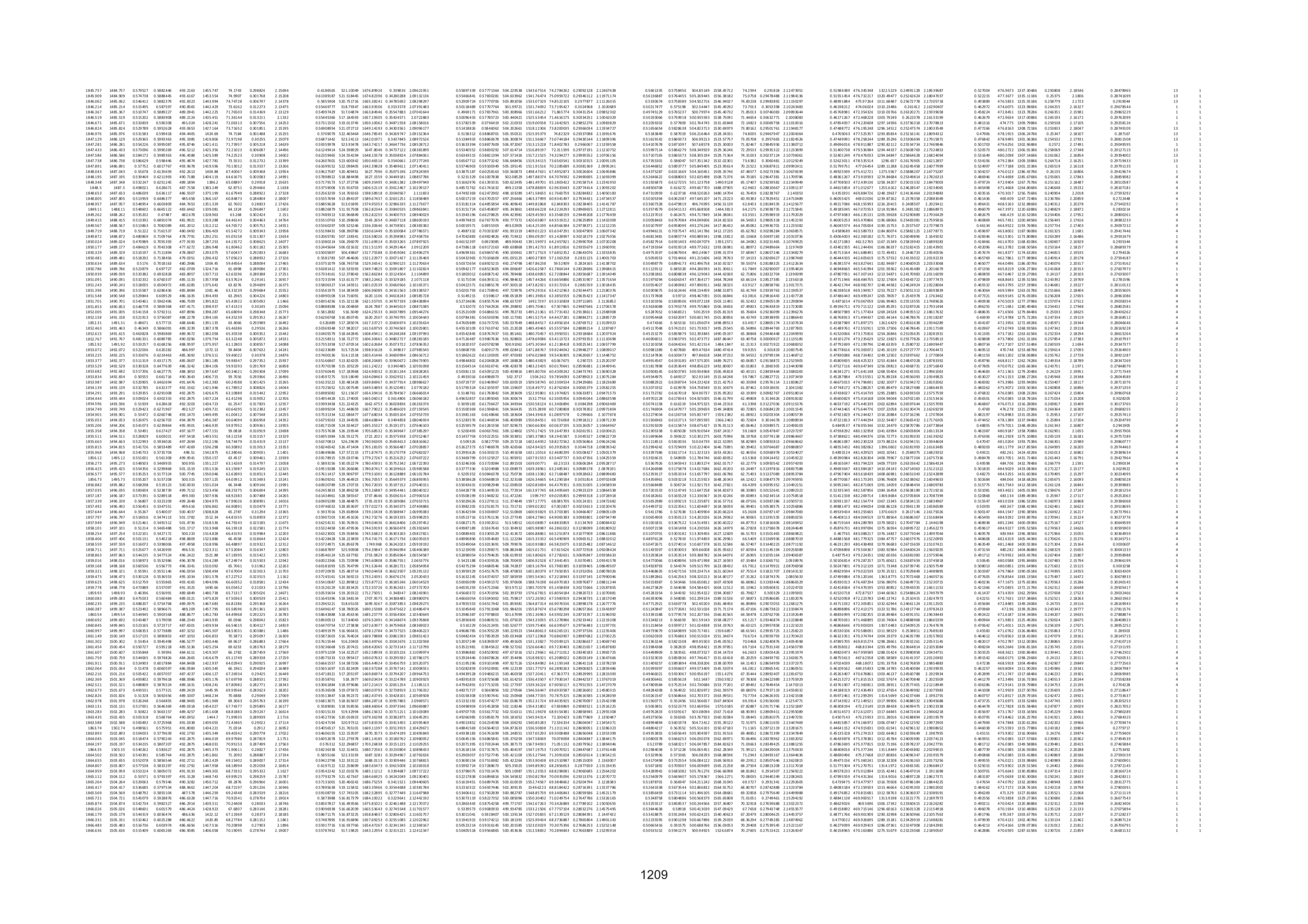

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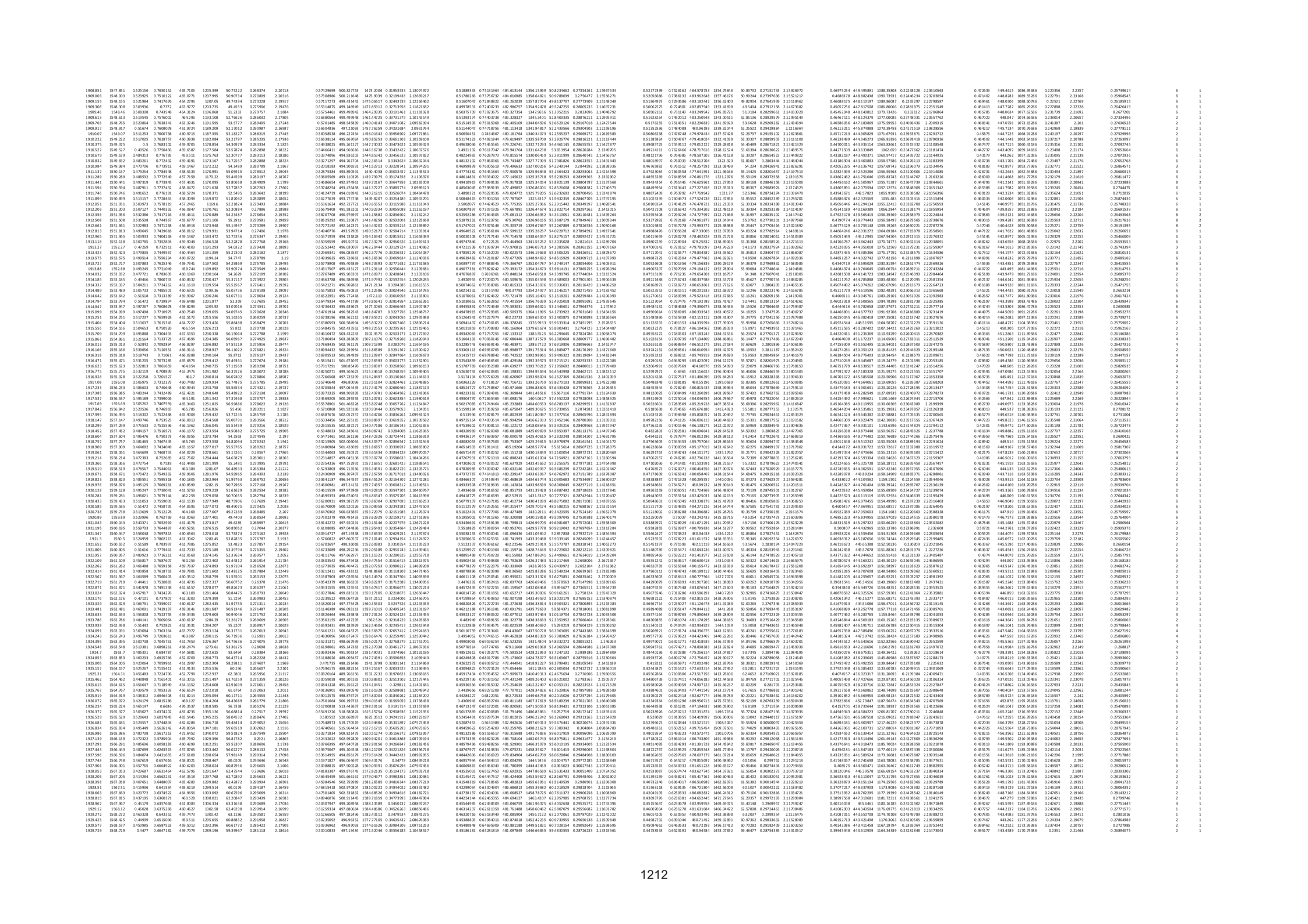

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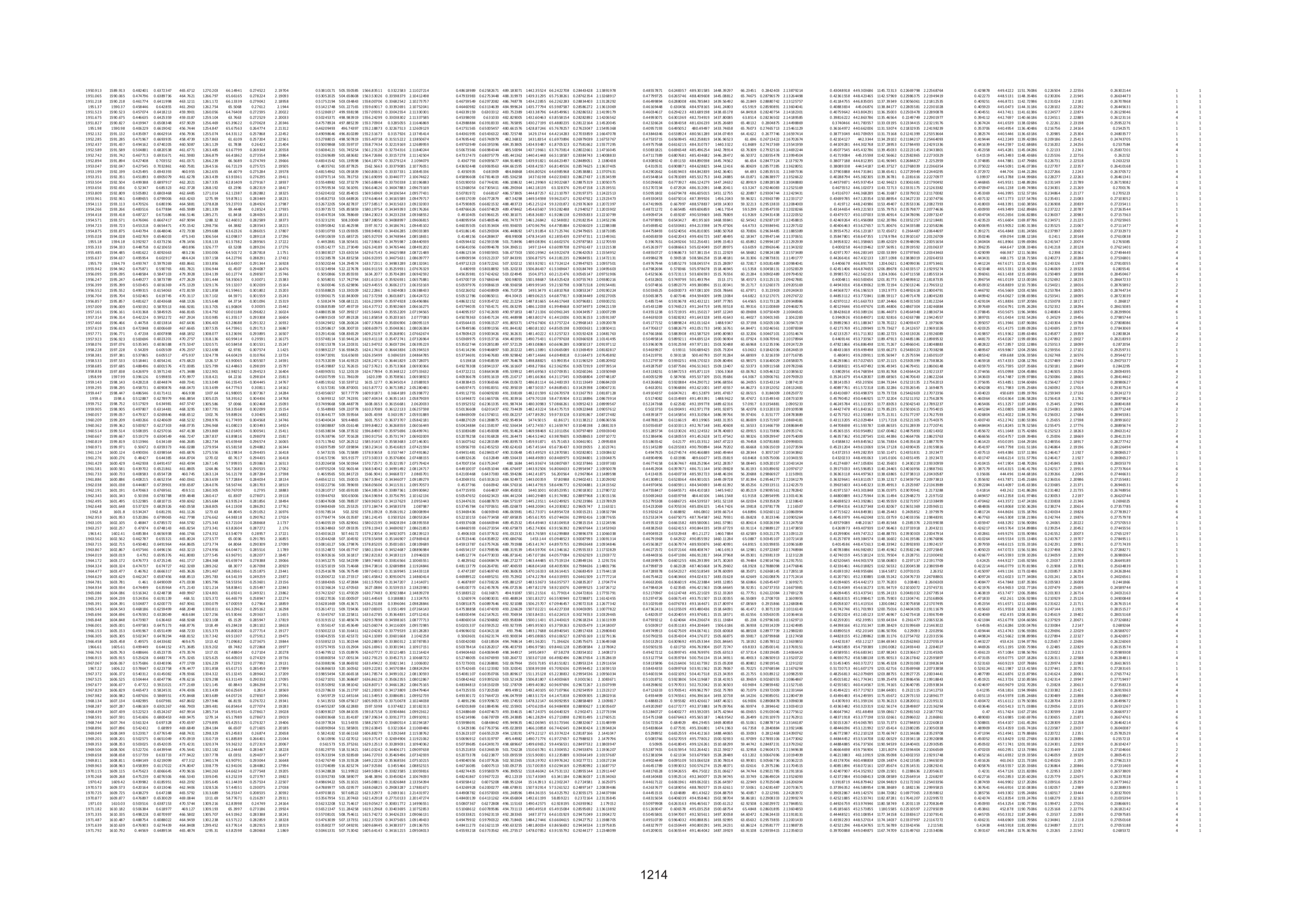

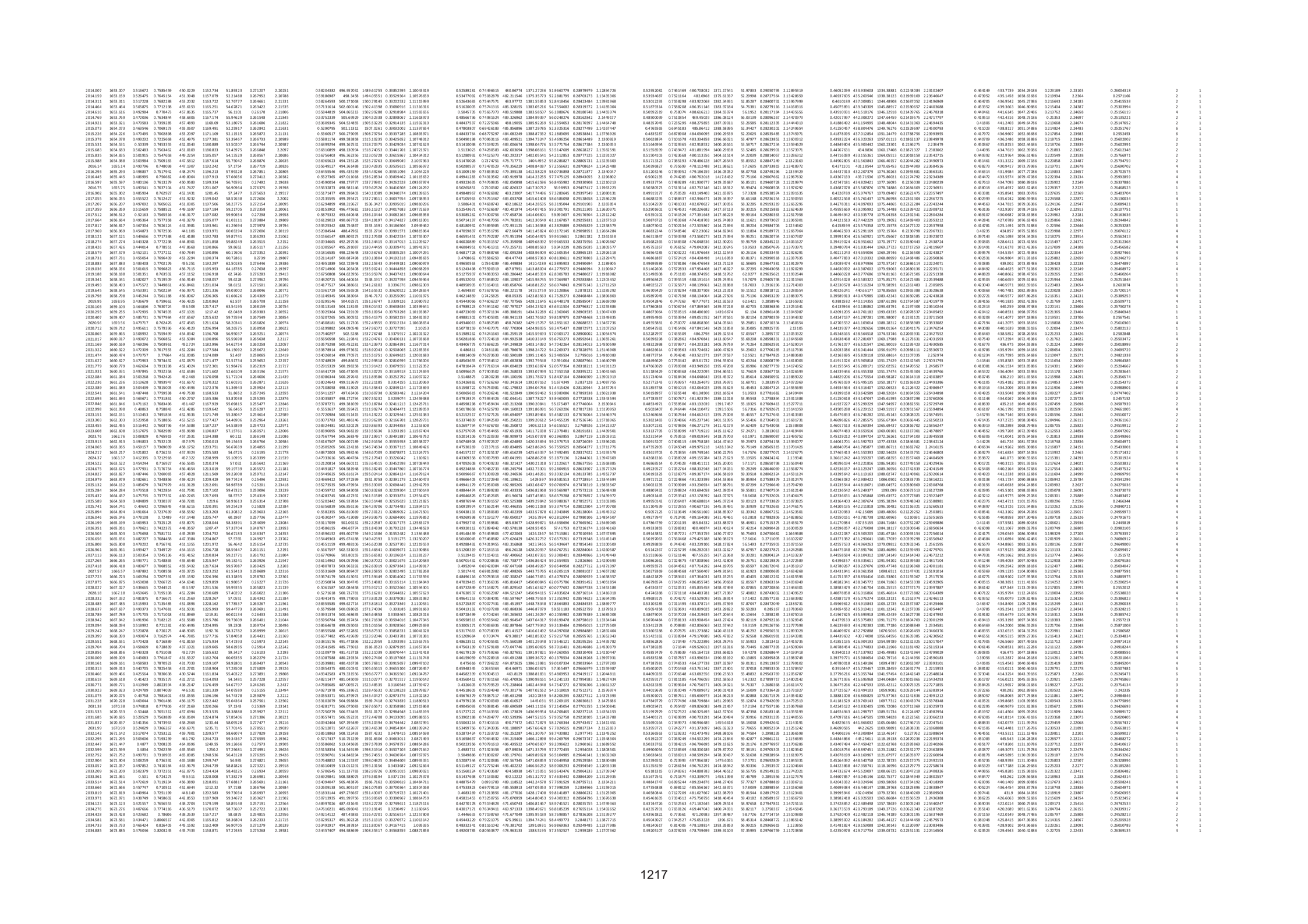

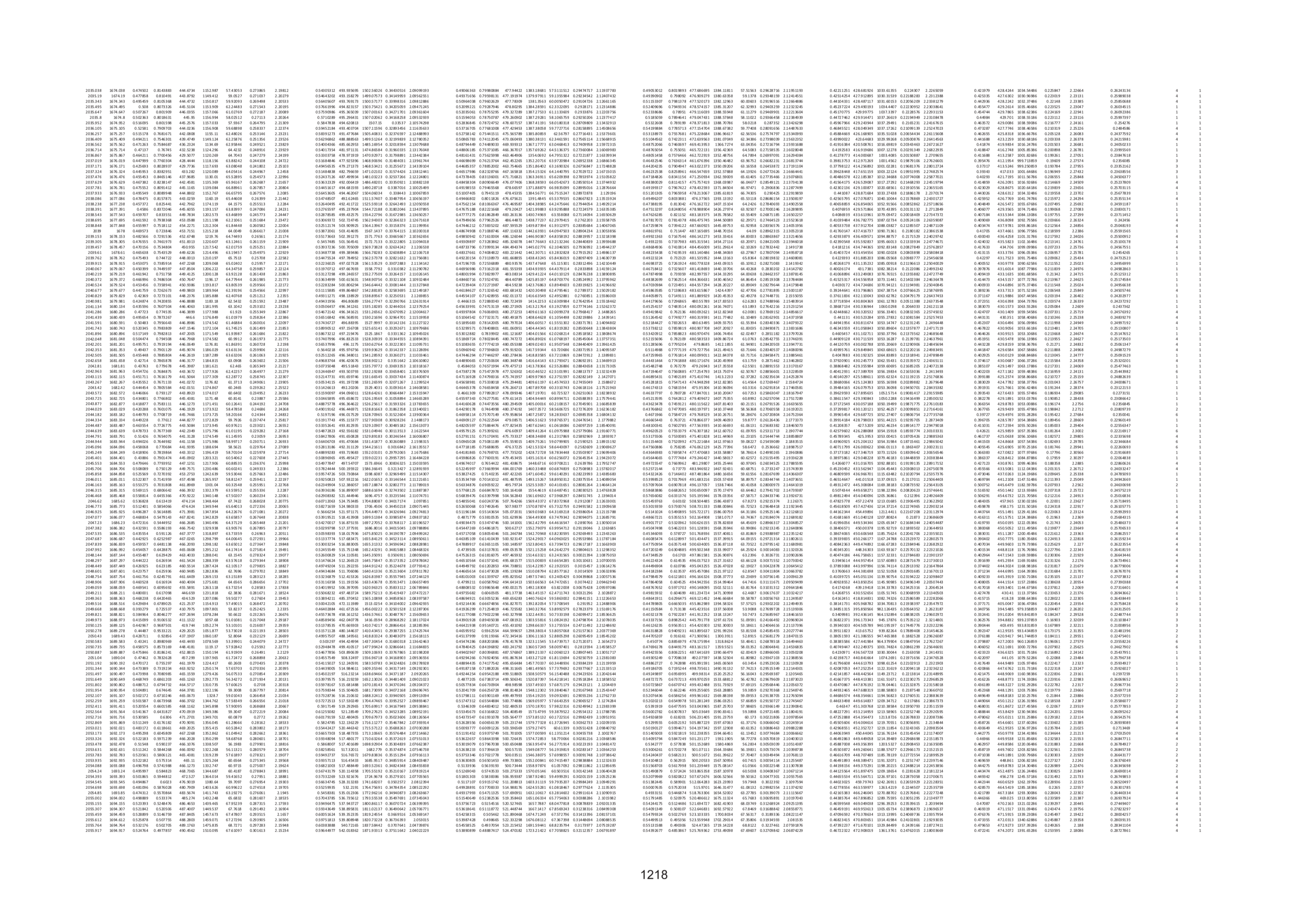

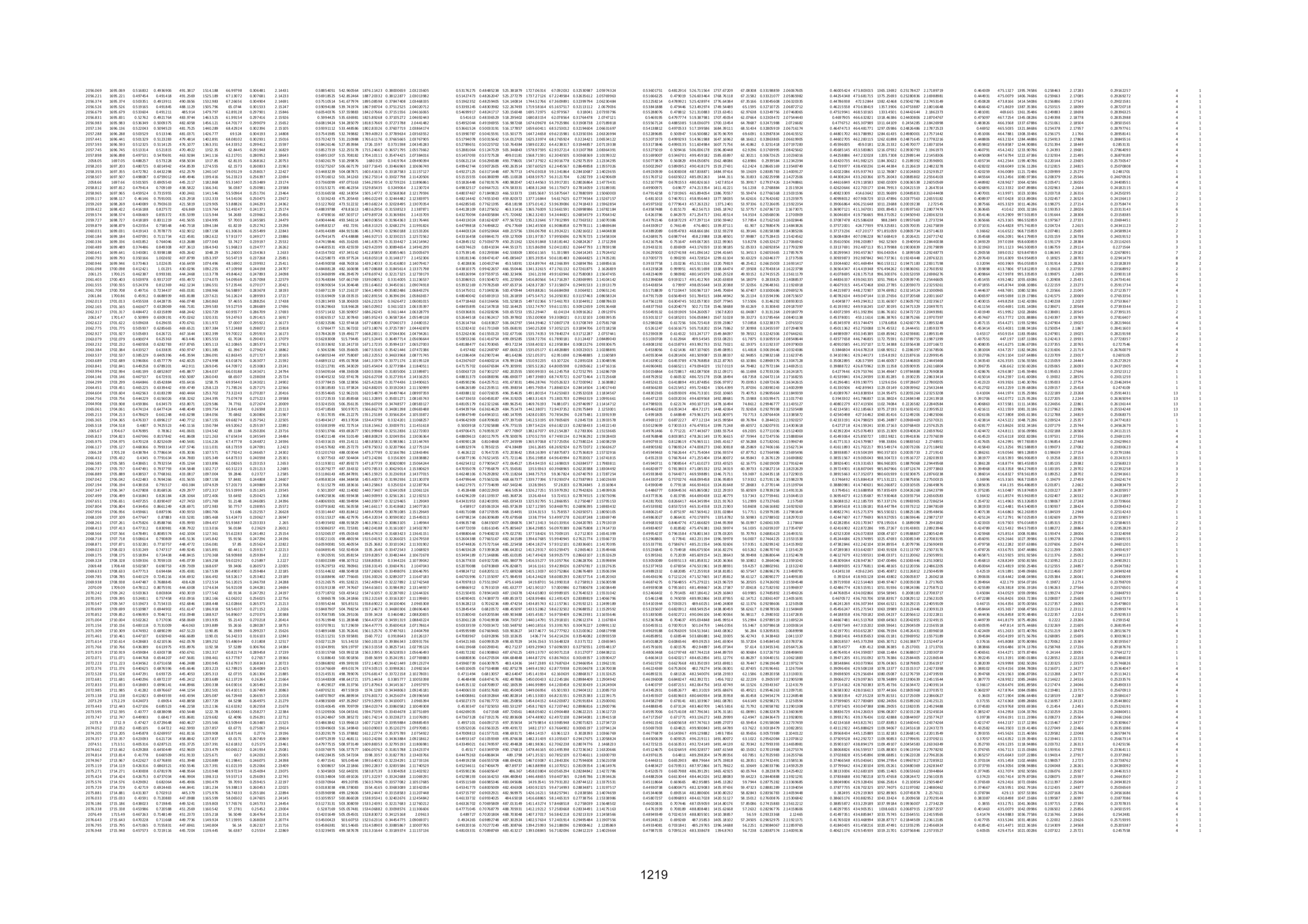

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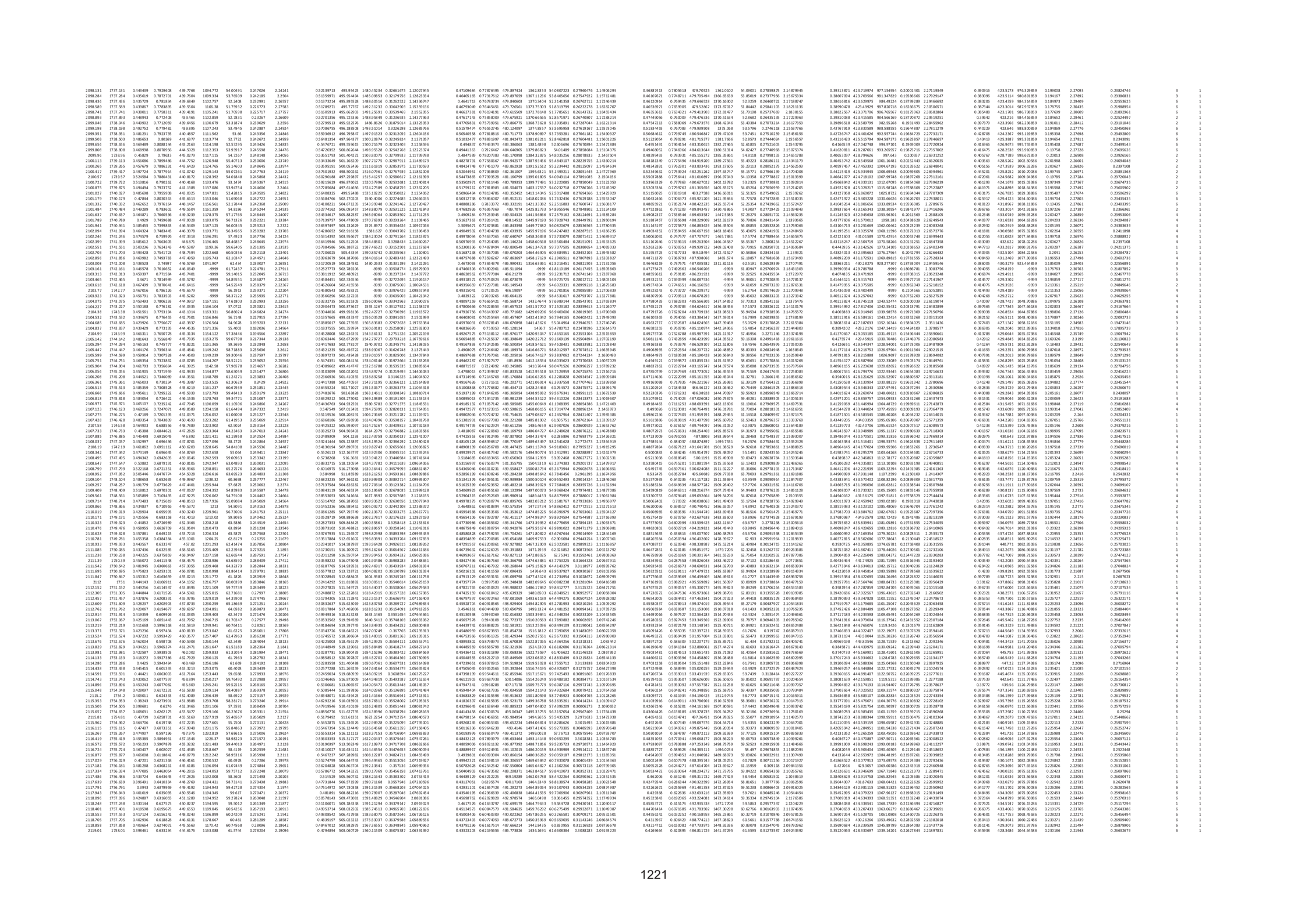
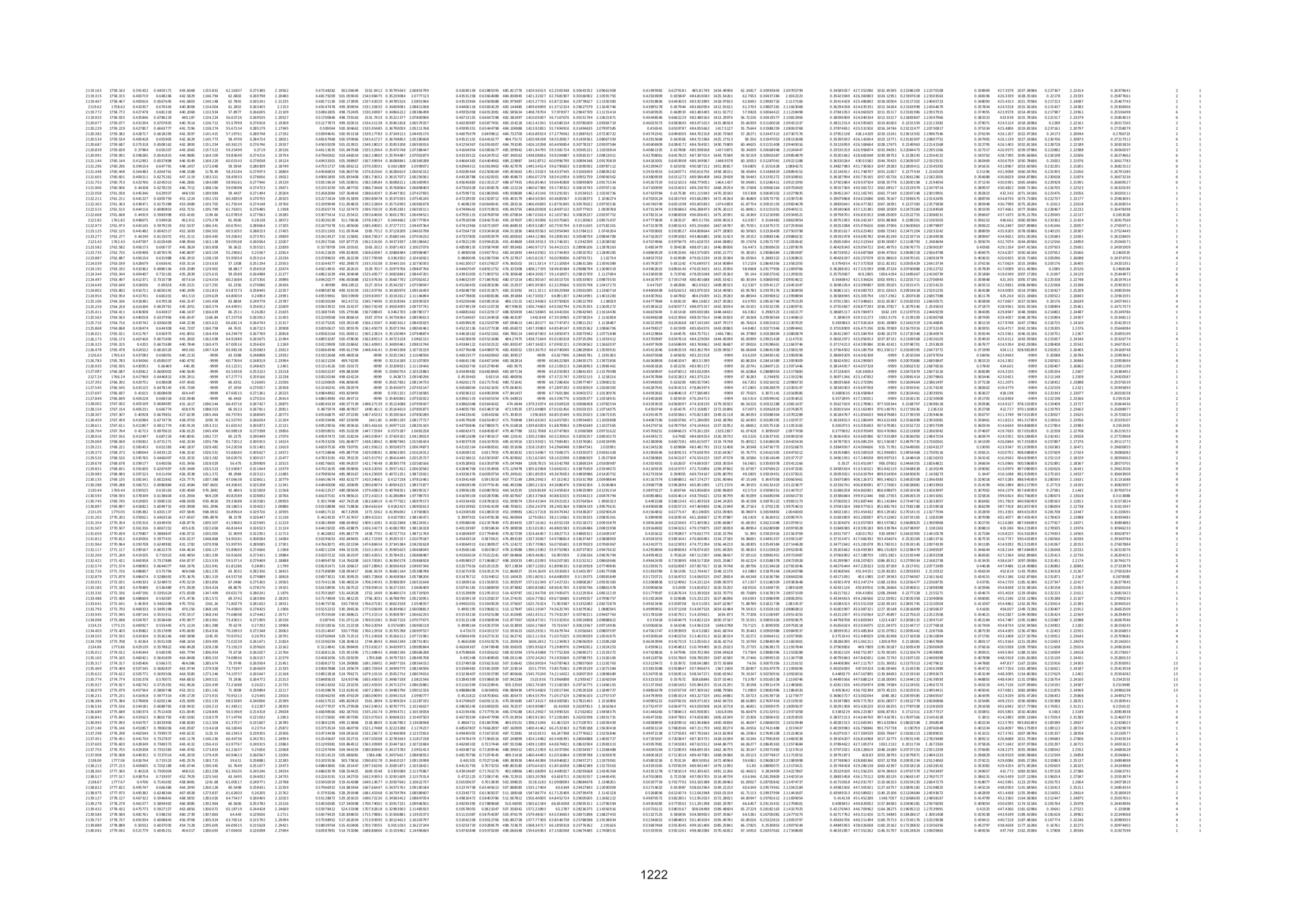
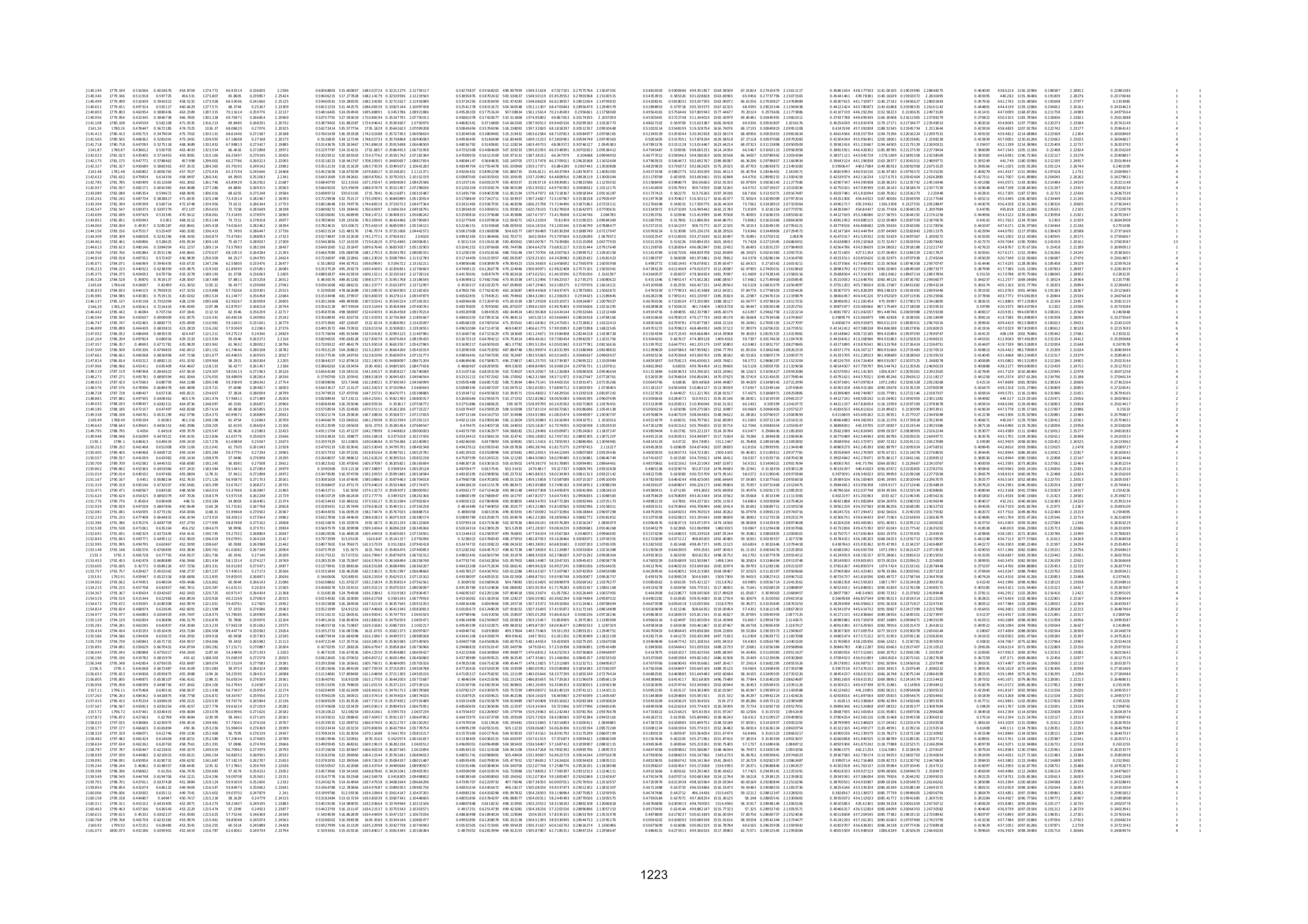
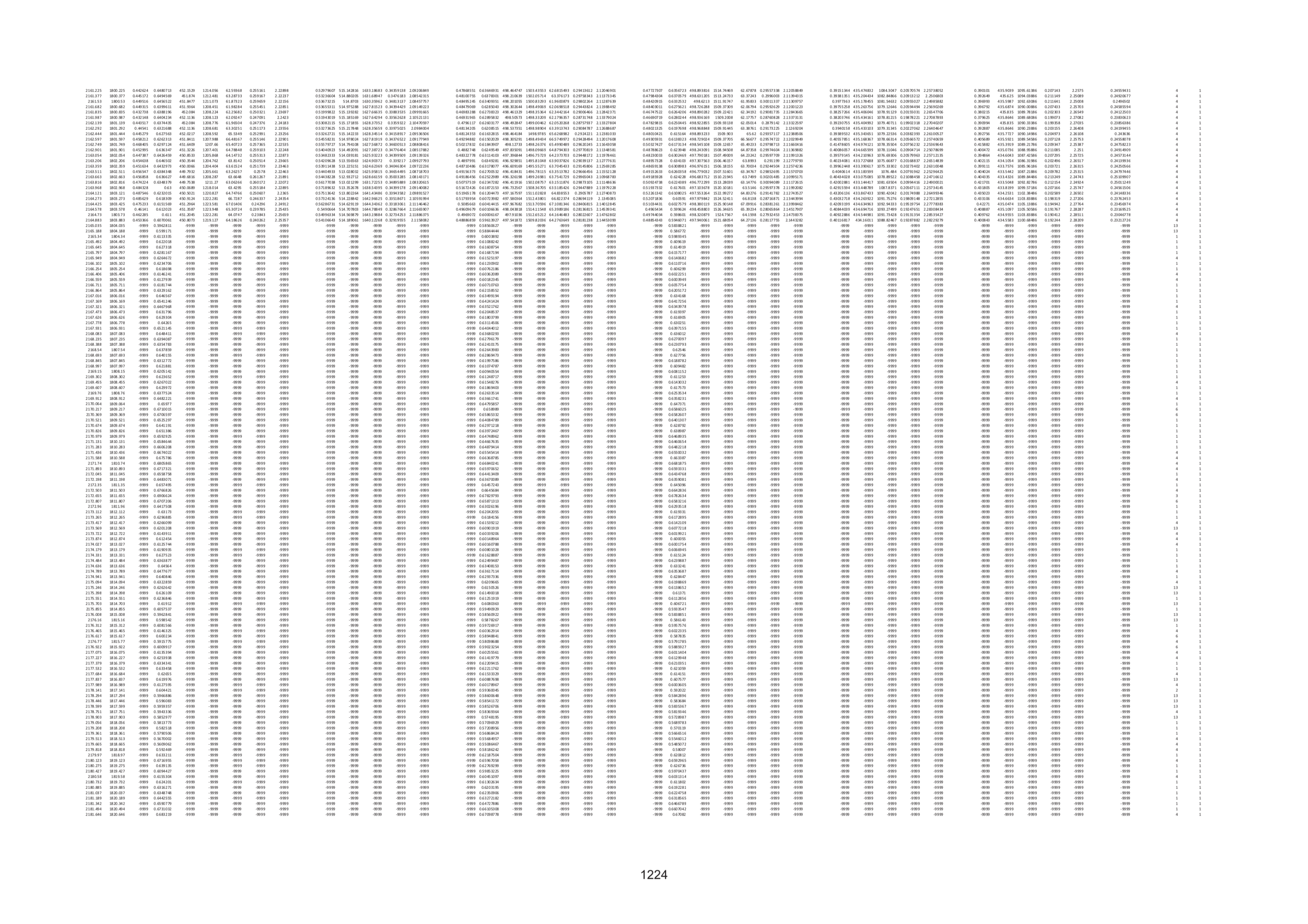


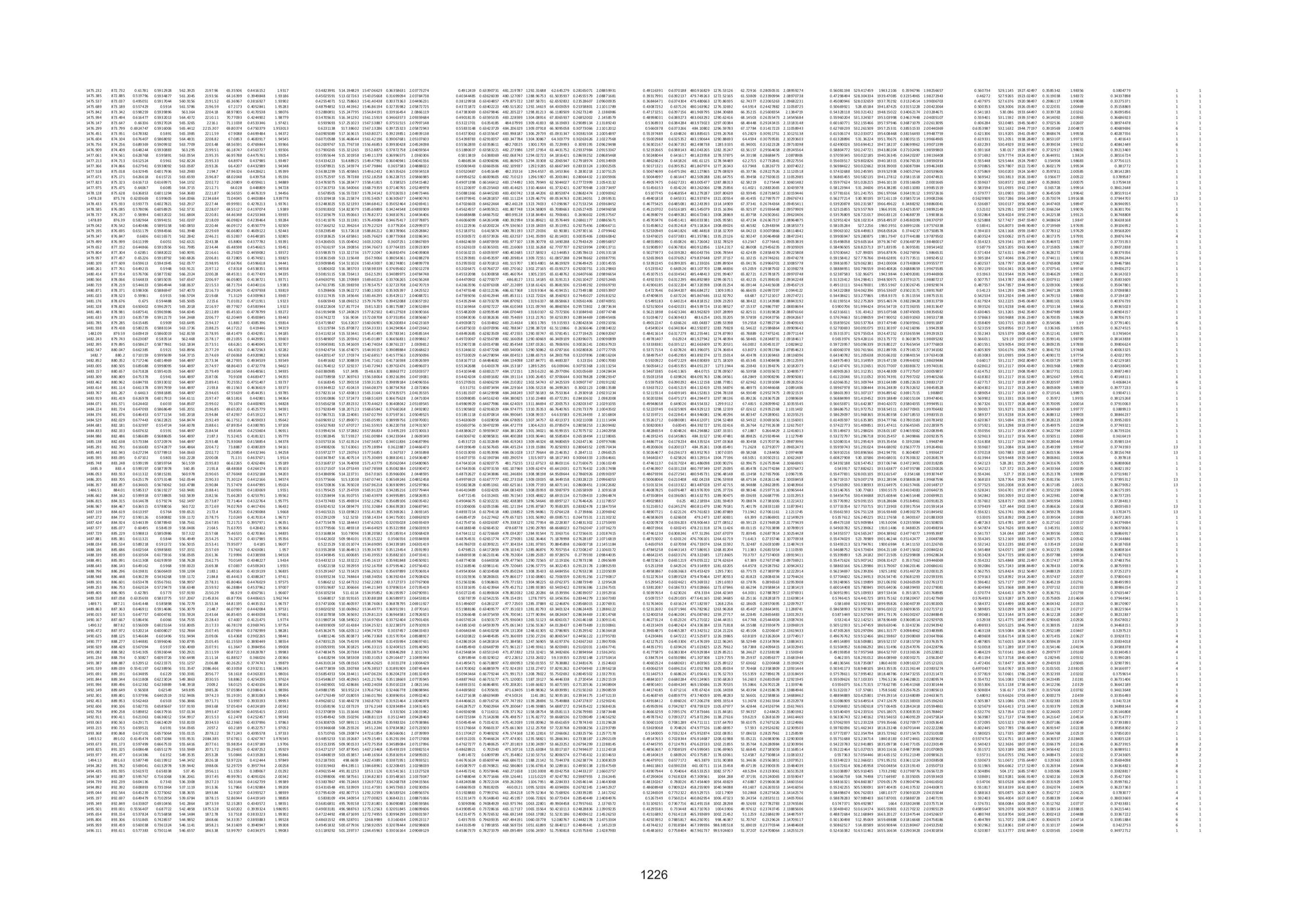






Well B22: Wireline logs

| | | | | | | | | | Depth-determined logs (referenced to 1250m burial depth) | | | | | | | | | | Depth-determined and factor-harmonised logs (referenced to Well B19) | | | | | | | | | | Depth-determined and bulk shift-harmonised logs (referenced to Well B19) | | | | | | | | | | Factor-harmonised logs (referenced to Well B19) | | | | | | | | | | Bulk shift-harmonised logs (referenced to Well B19) | | | | | | | | | | Porosity harmonisation (referenced to Well B19) | ANN wireline facies |
|---|---|---



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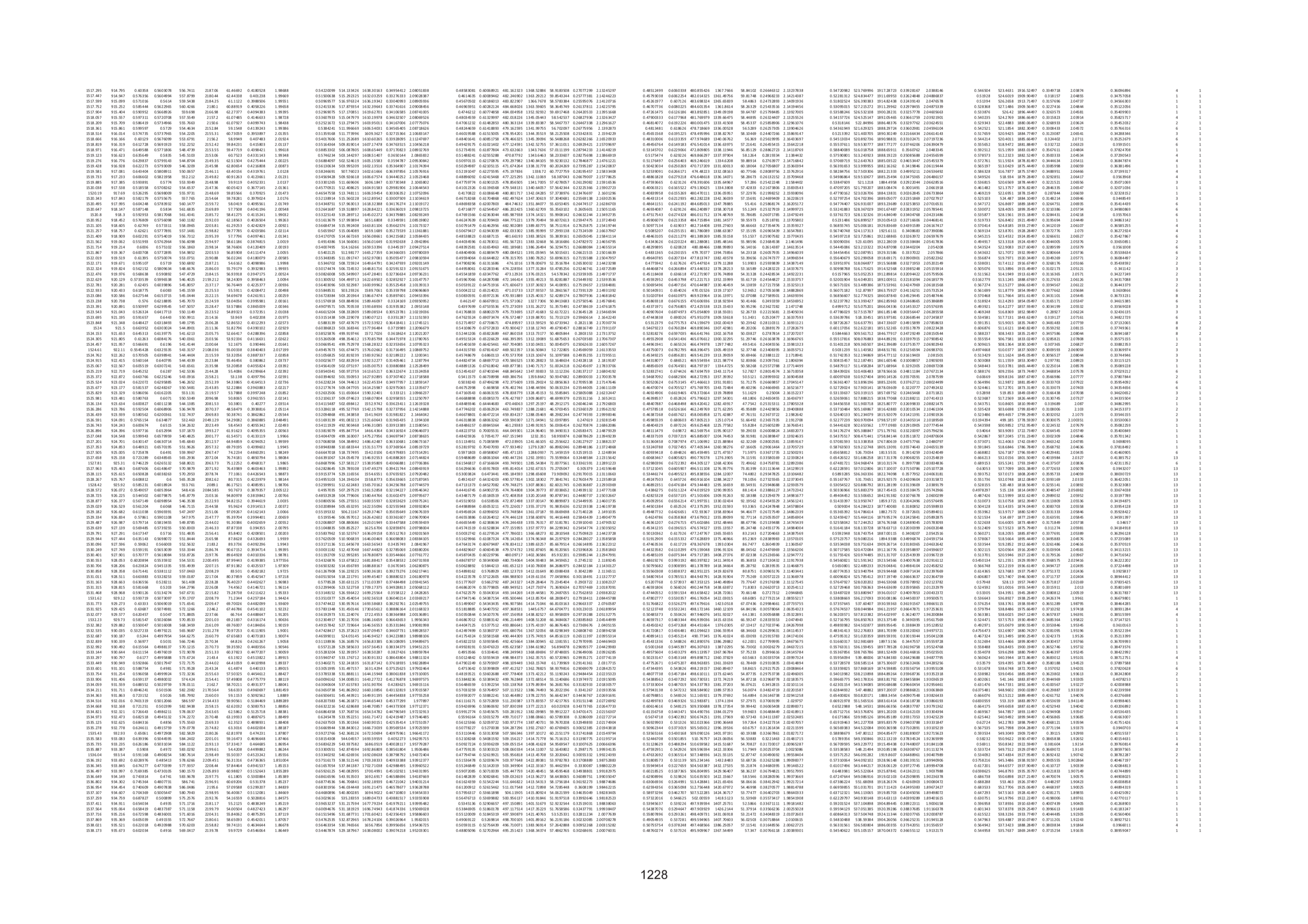



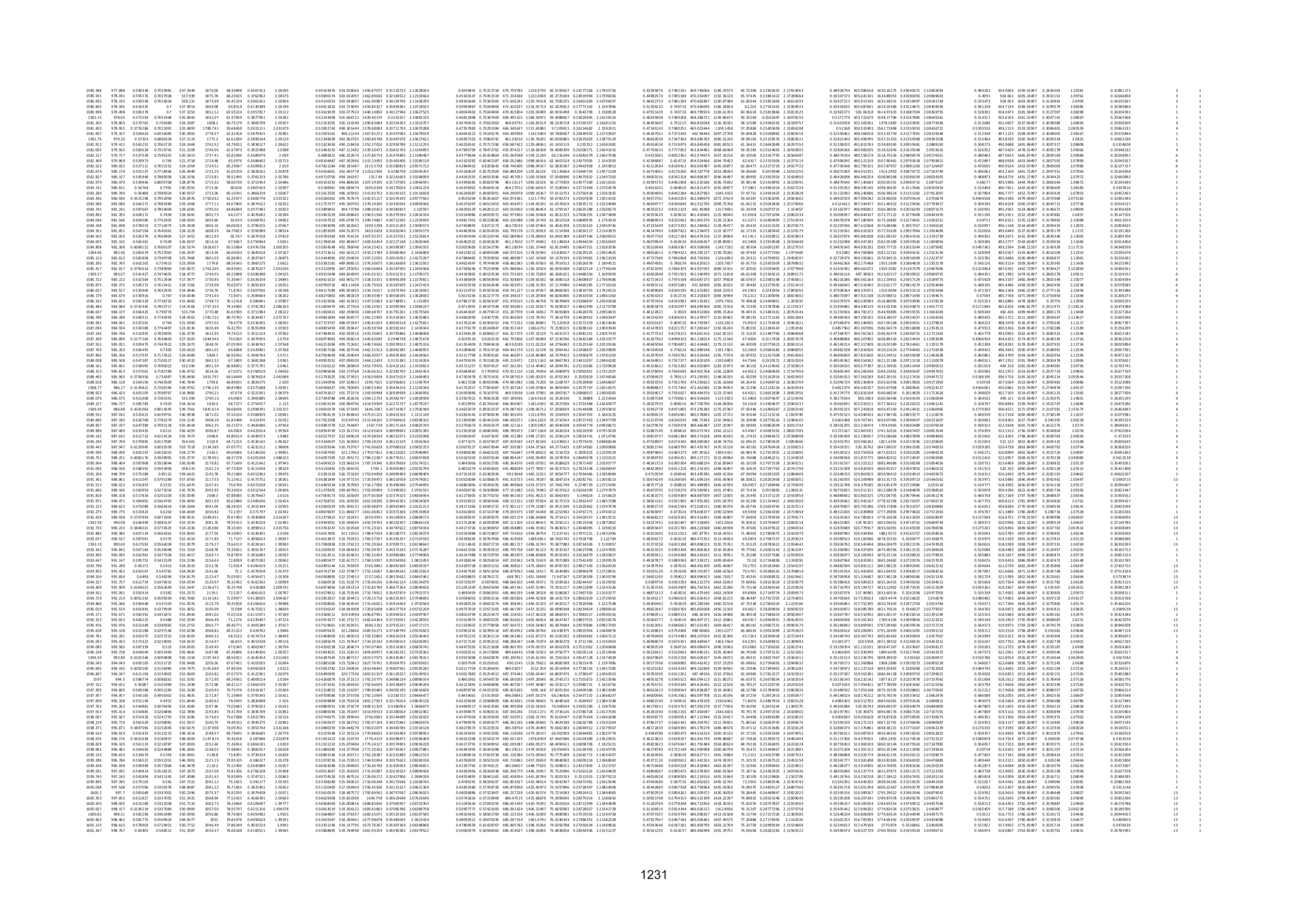

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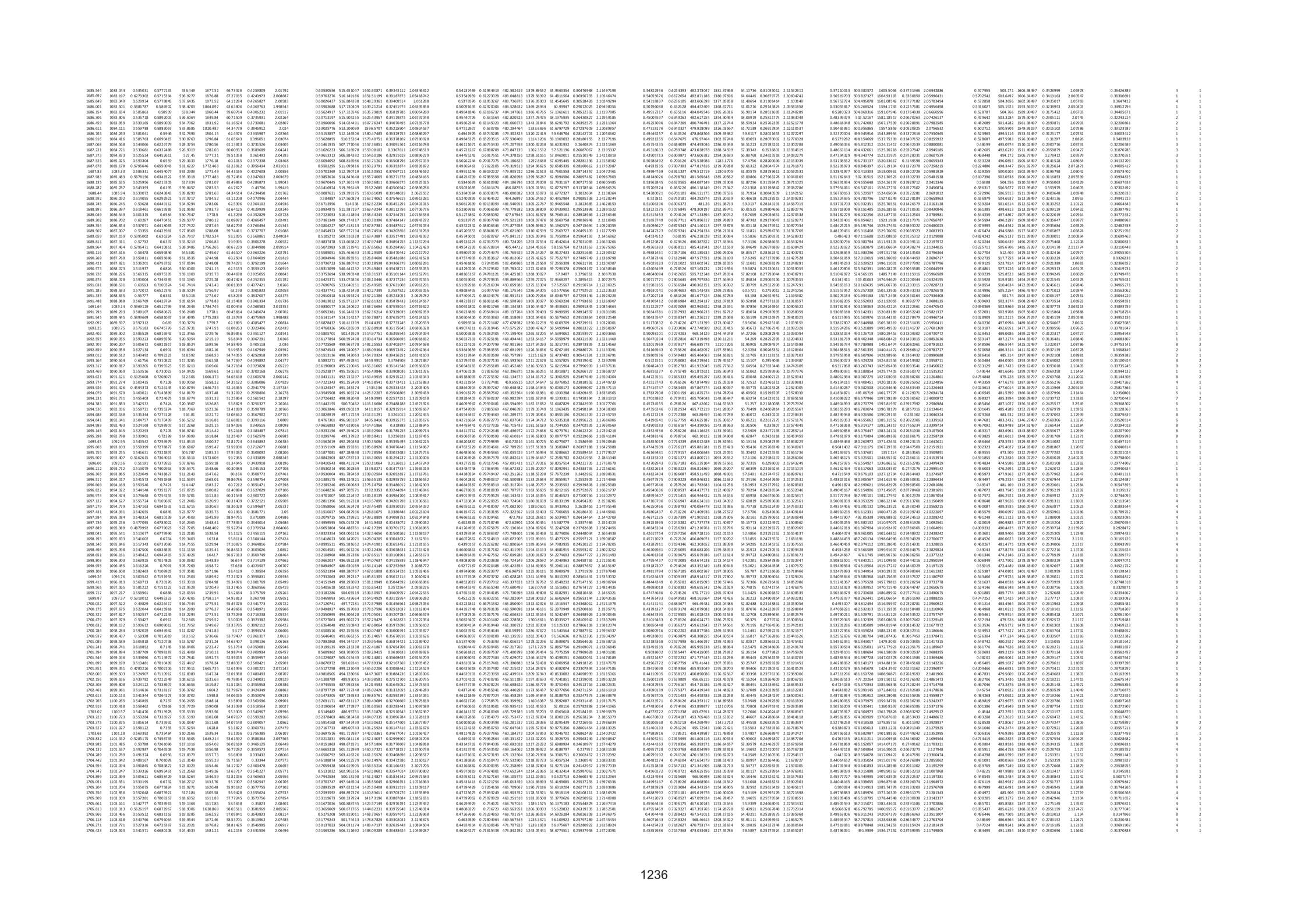



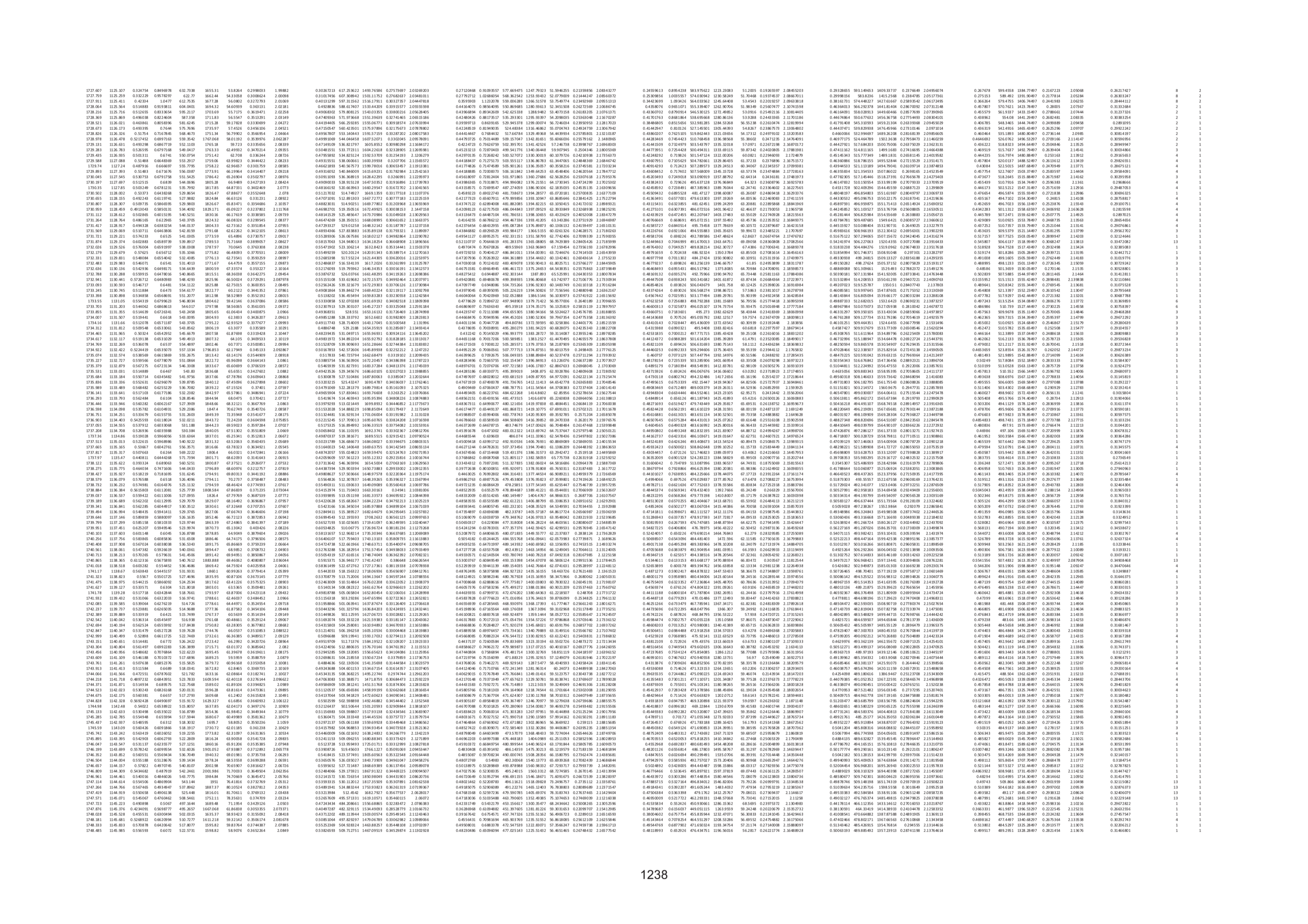

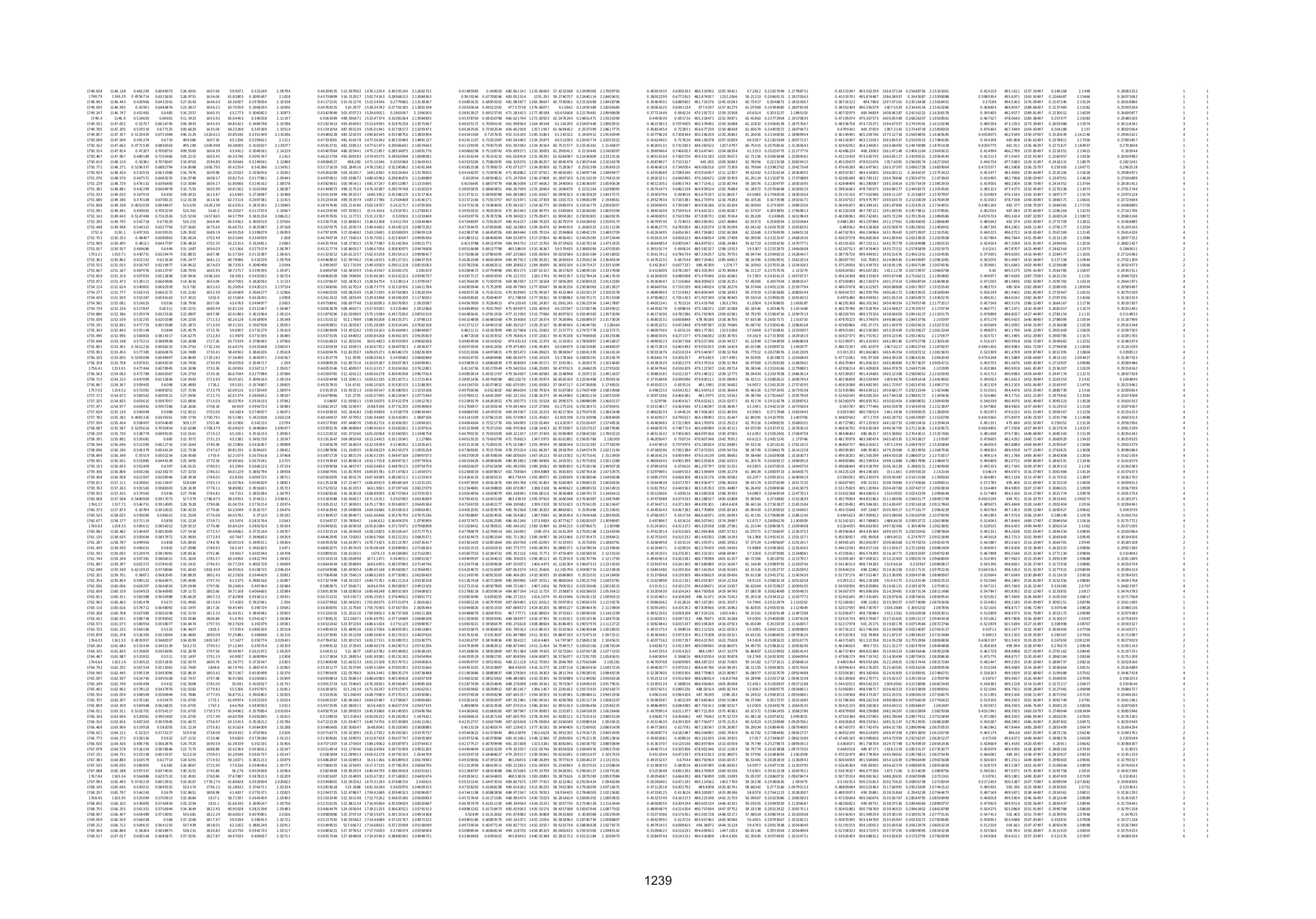

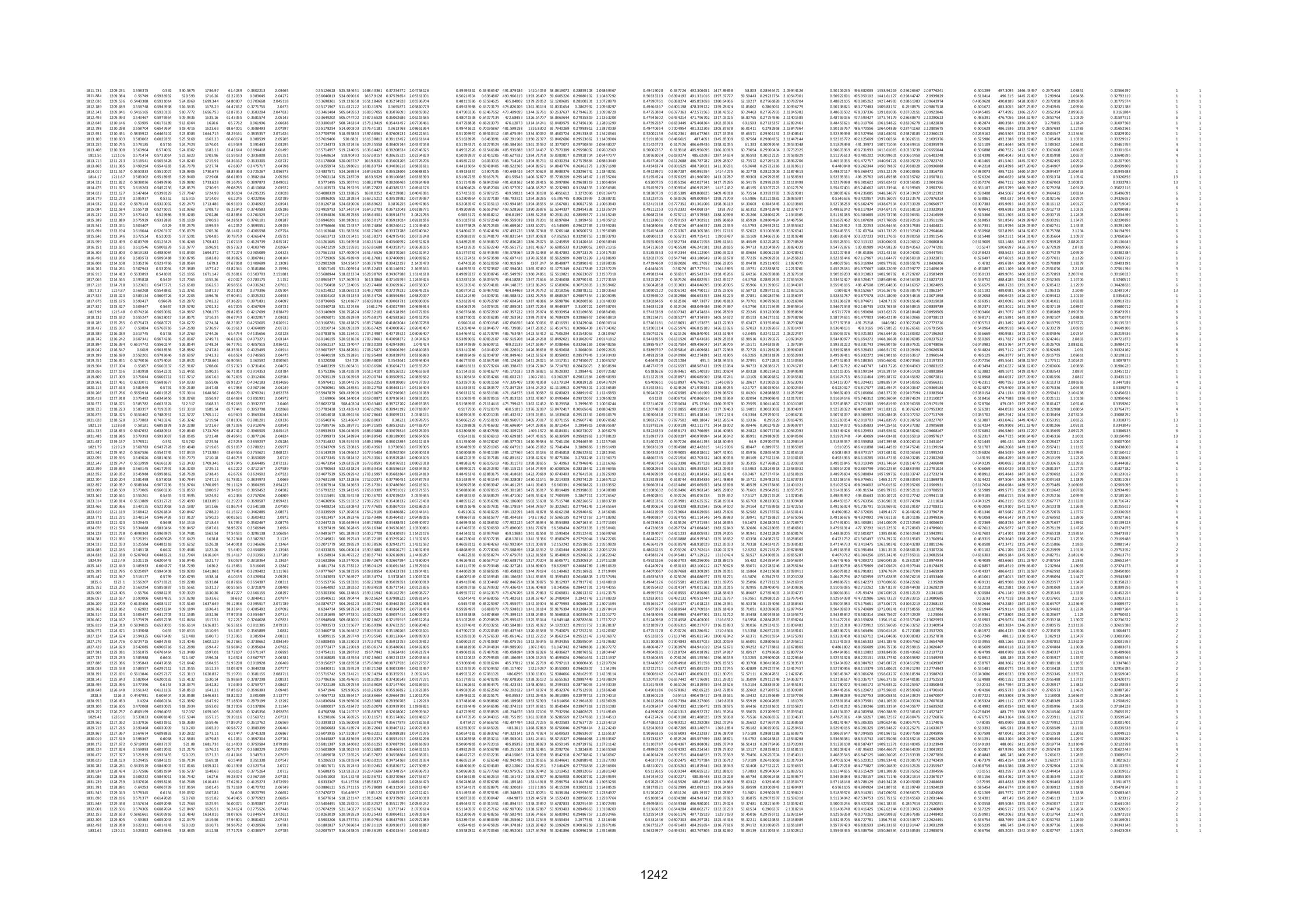

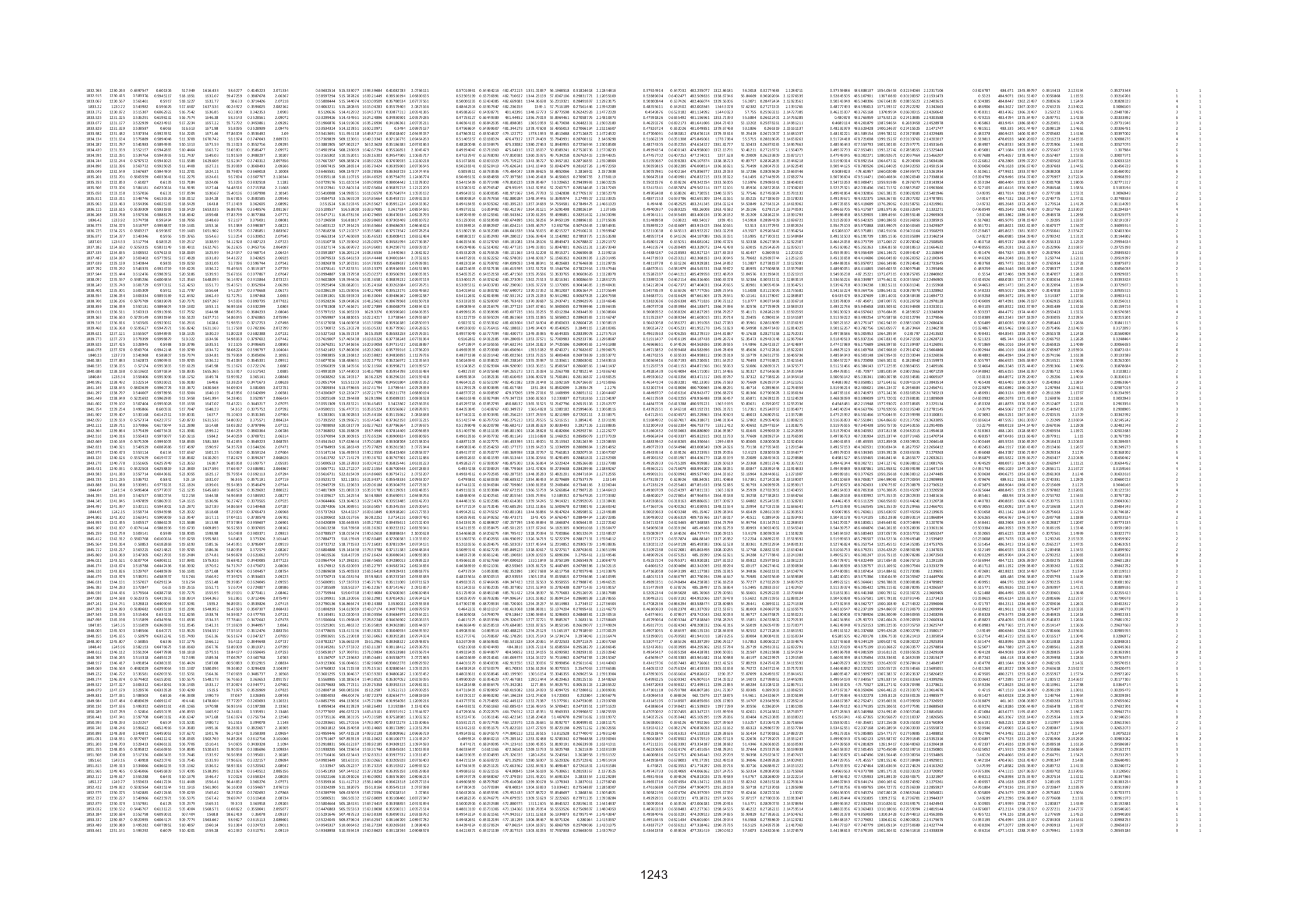

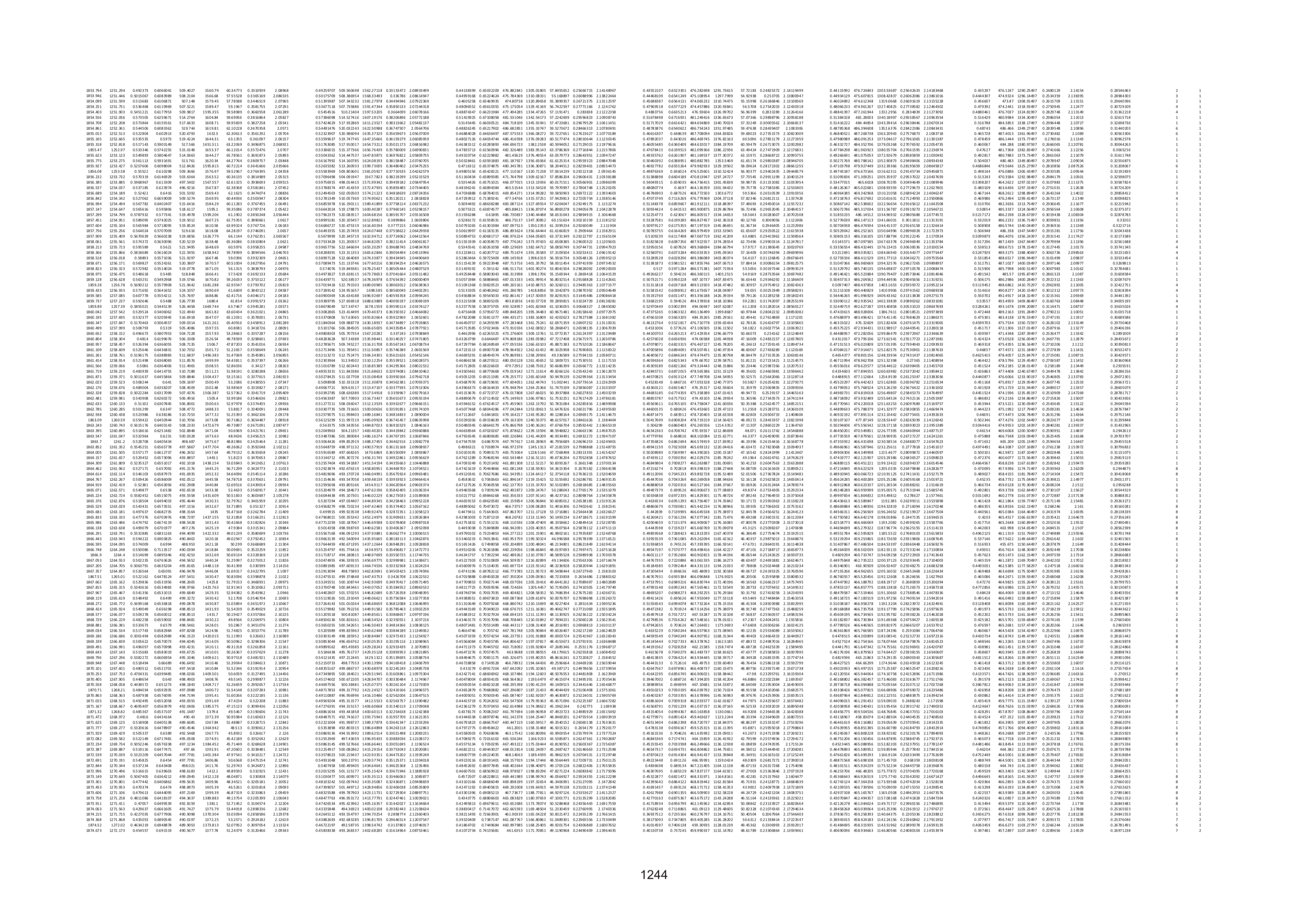

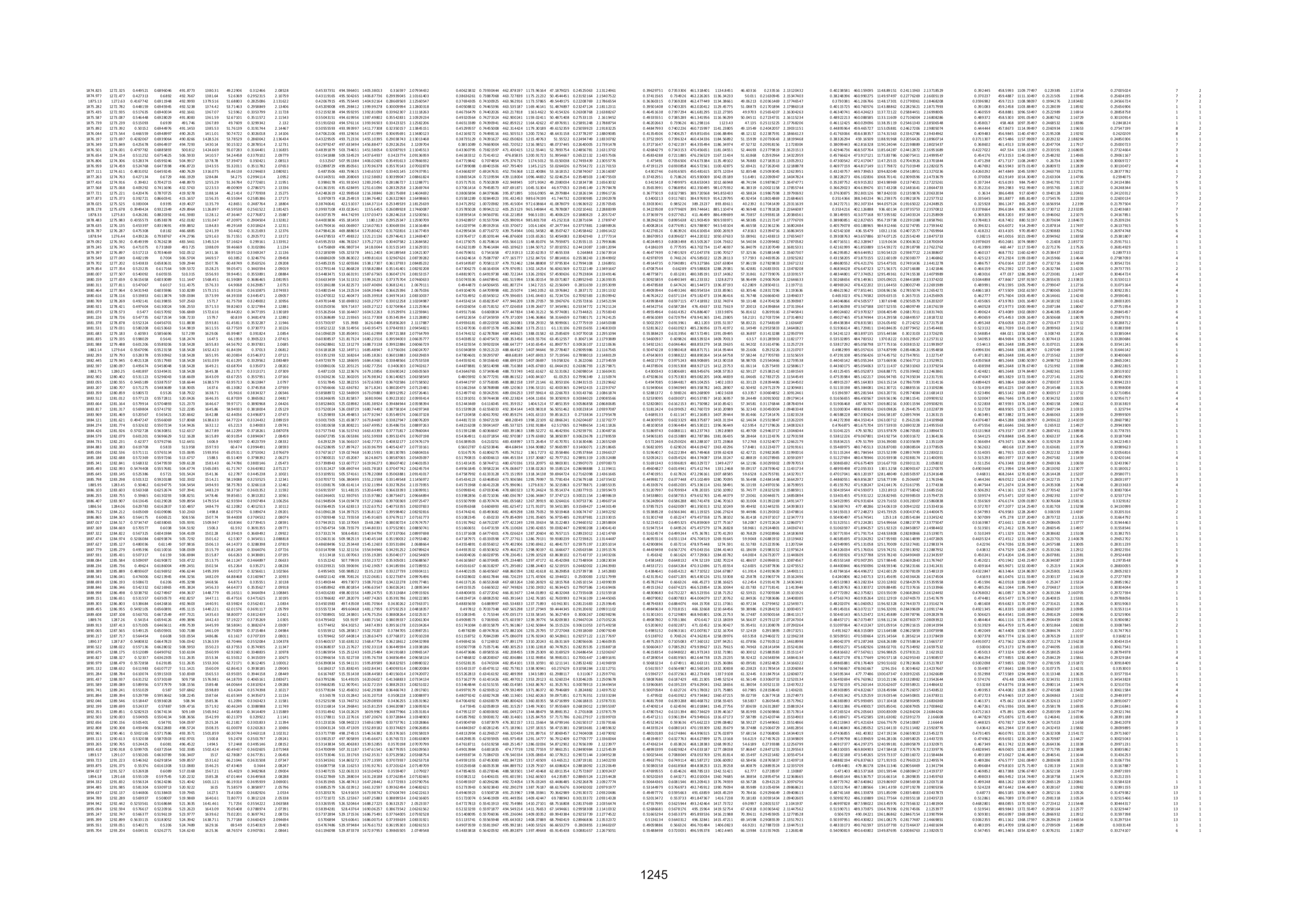

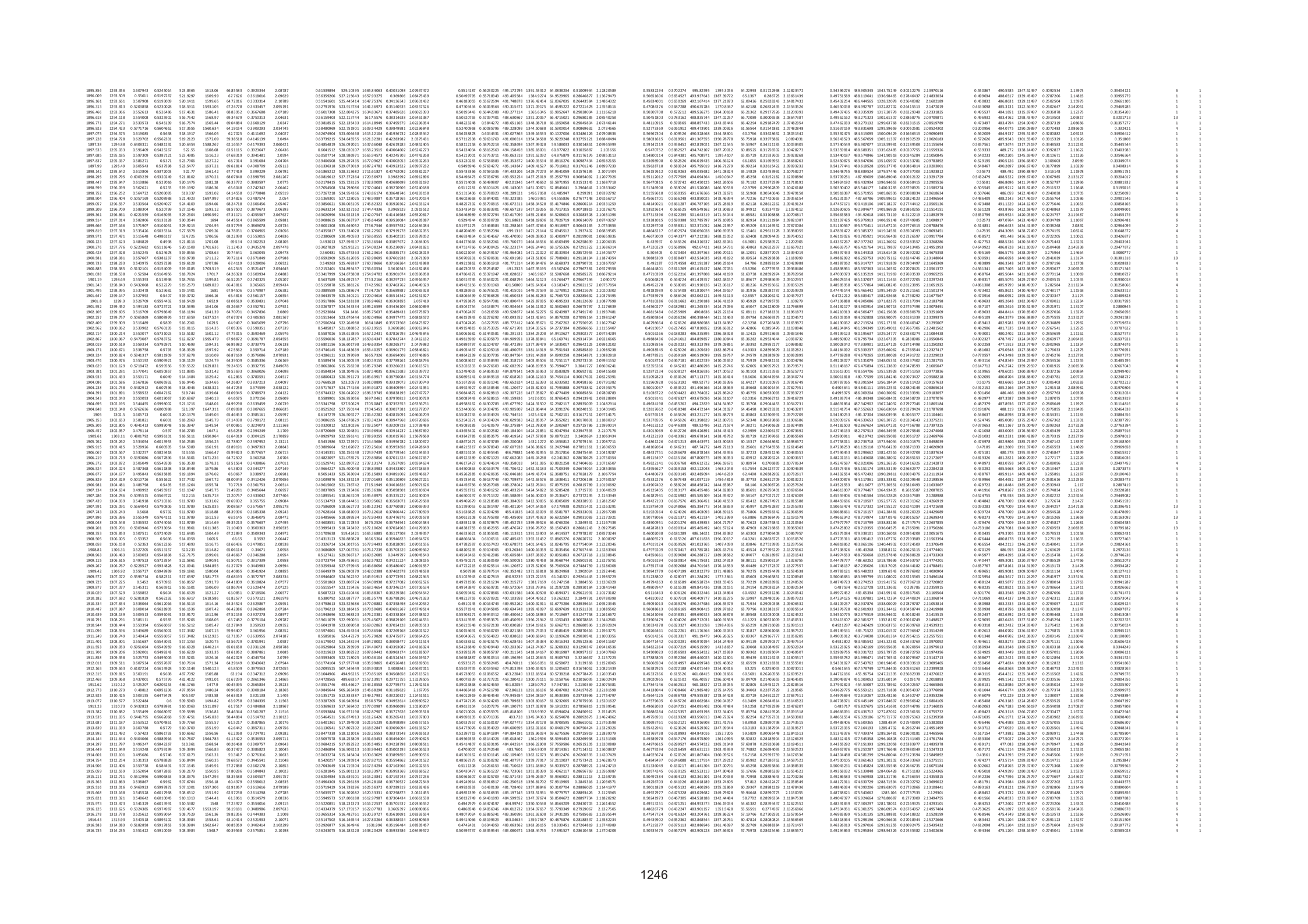

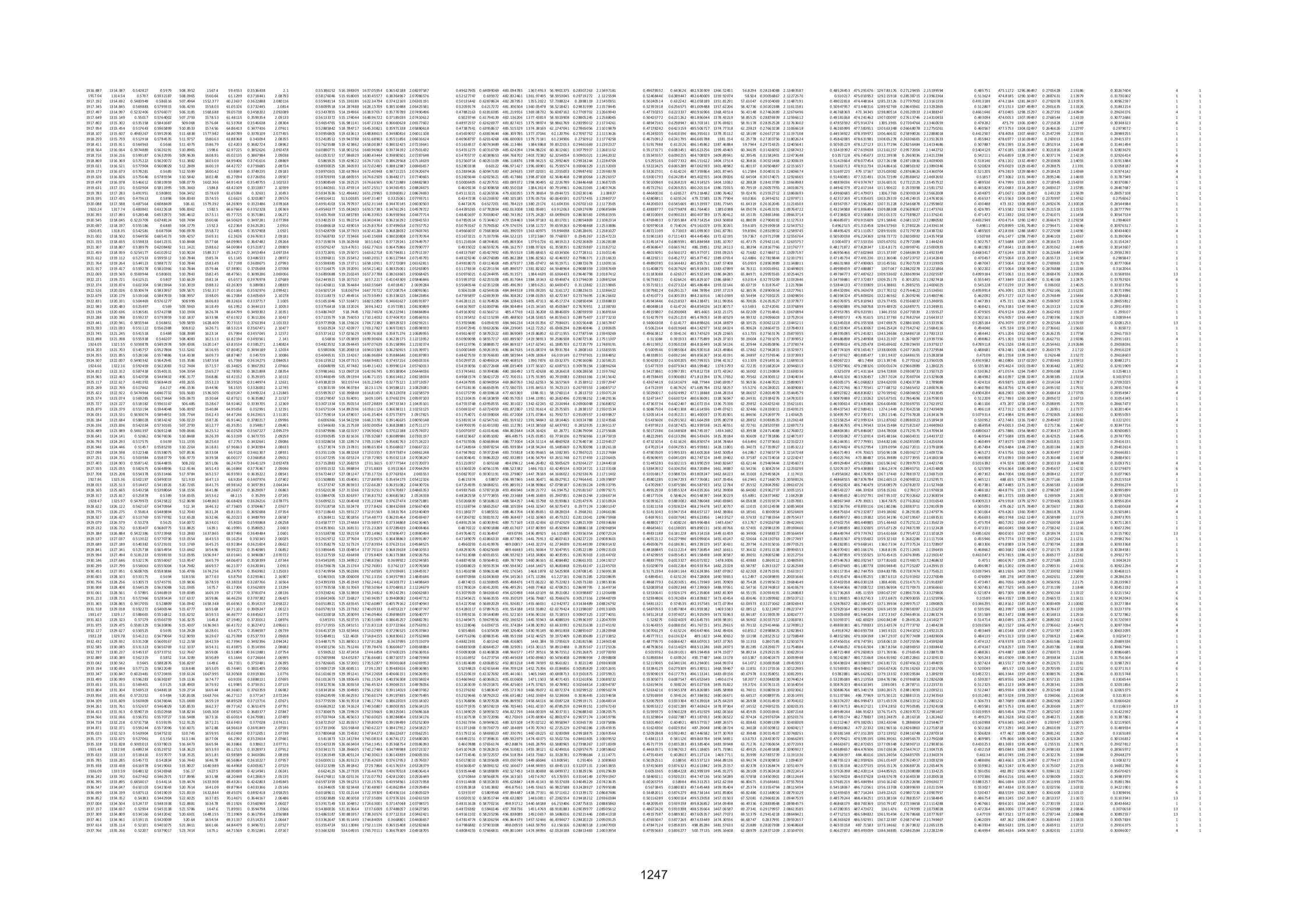

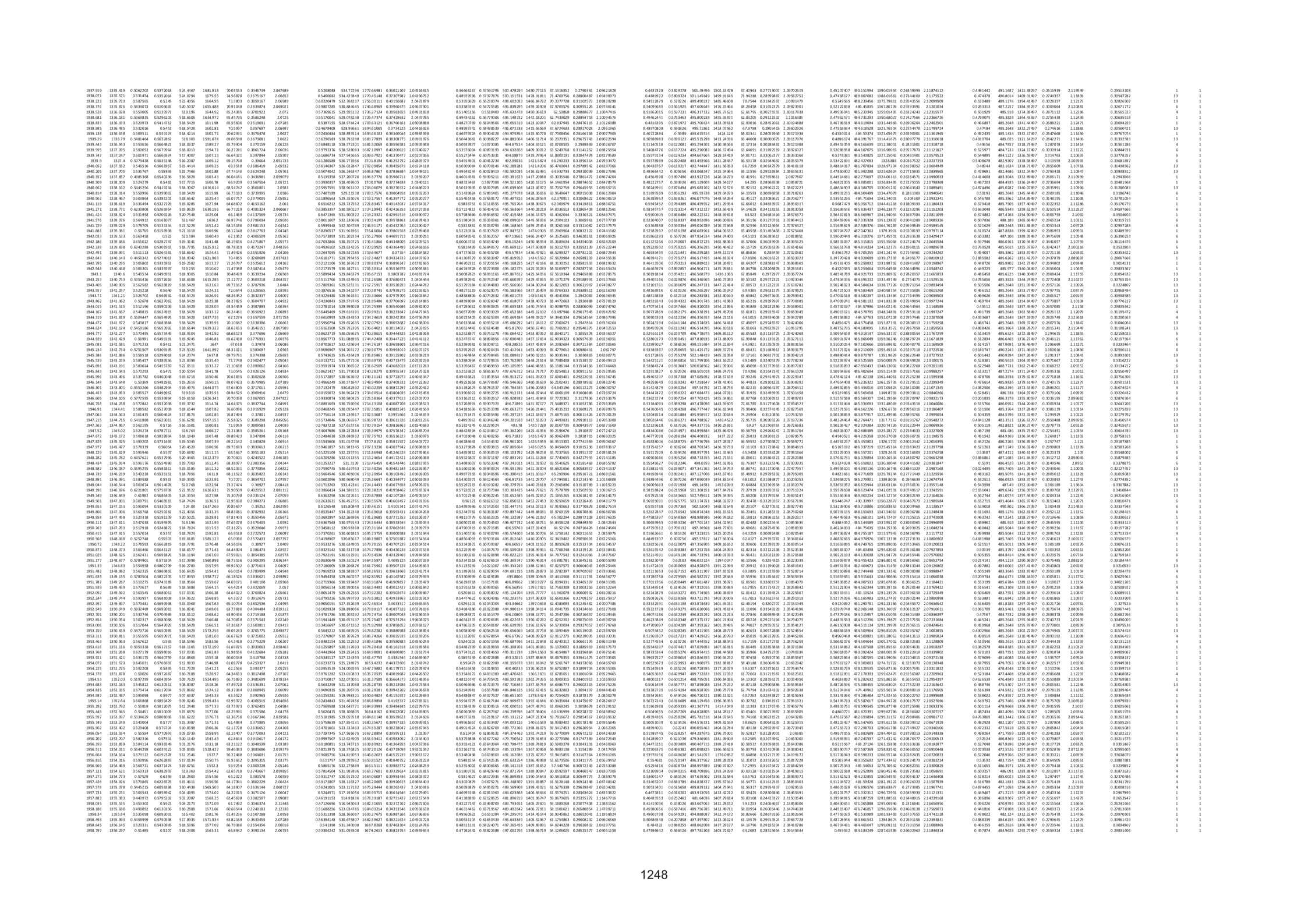

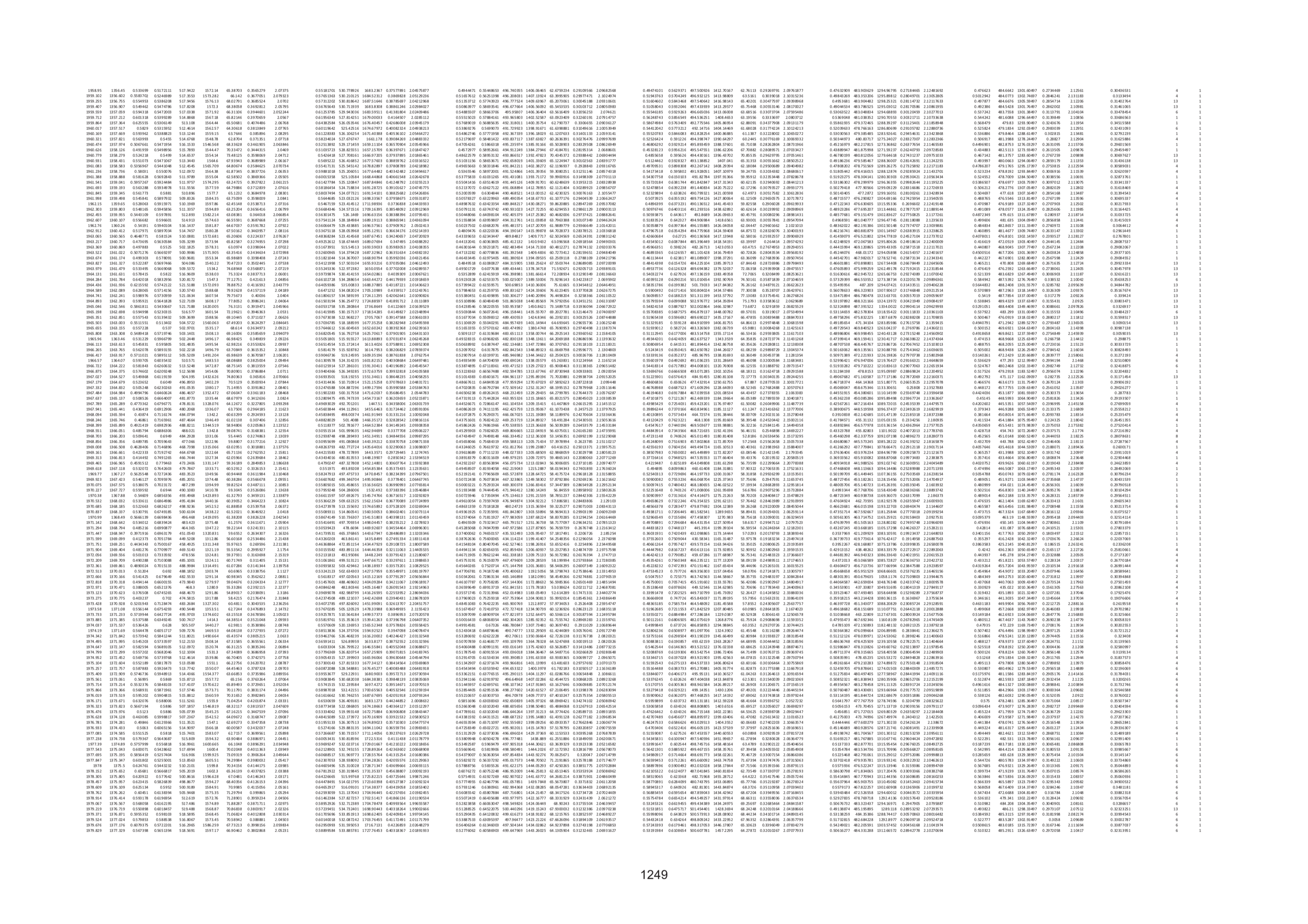

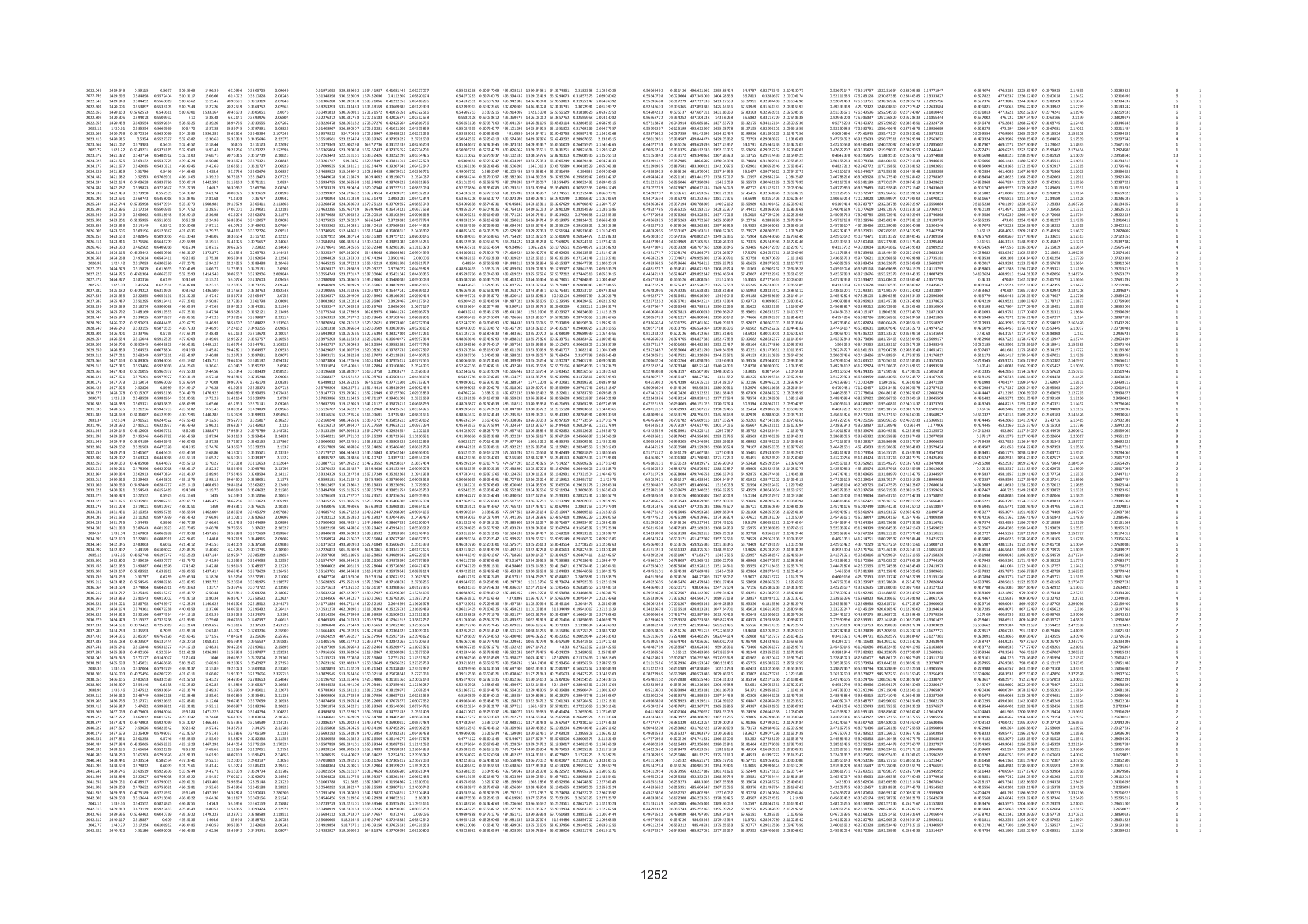

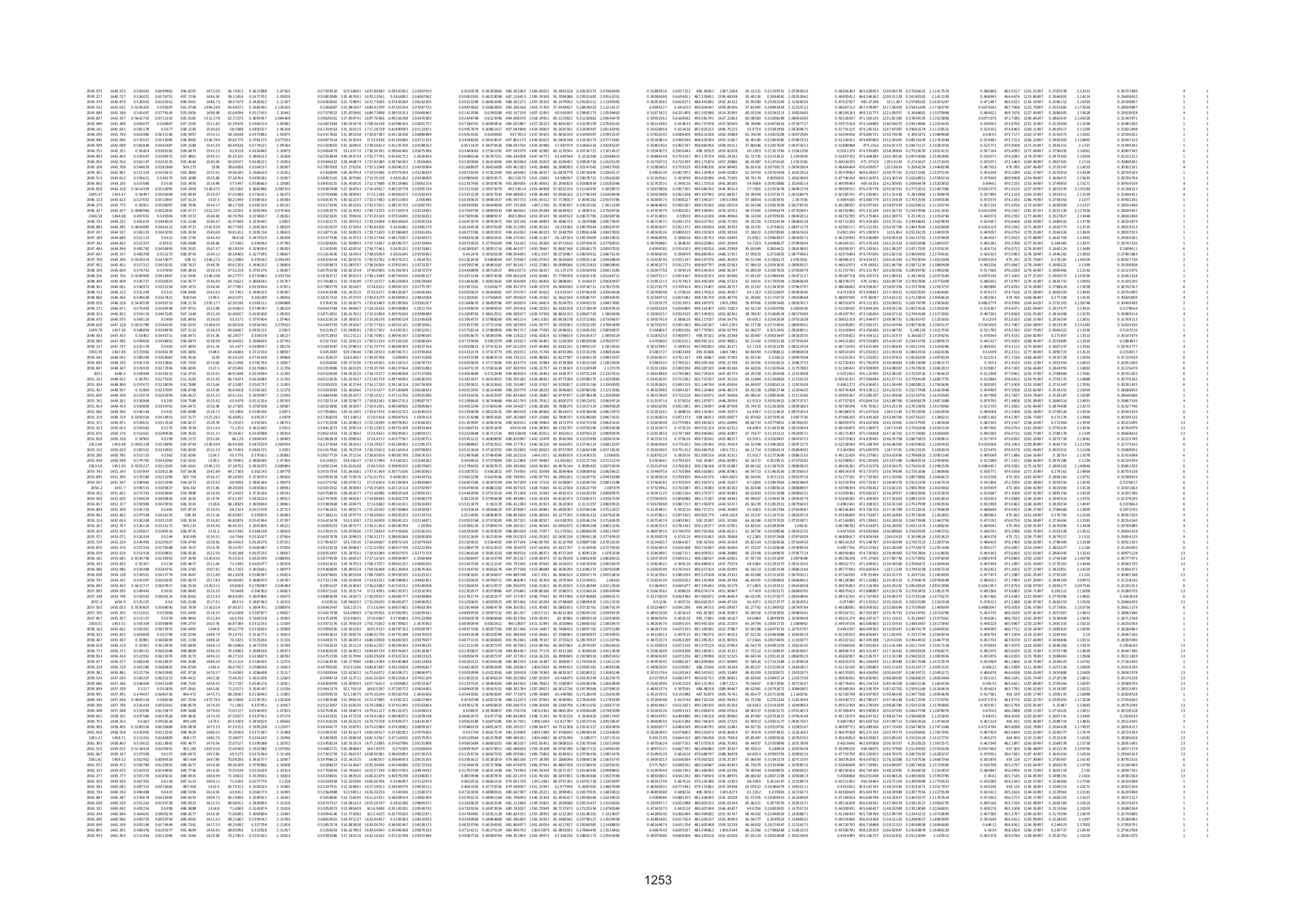

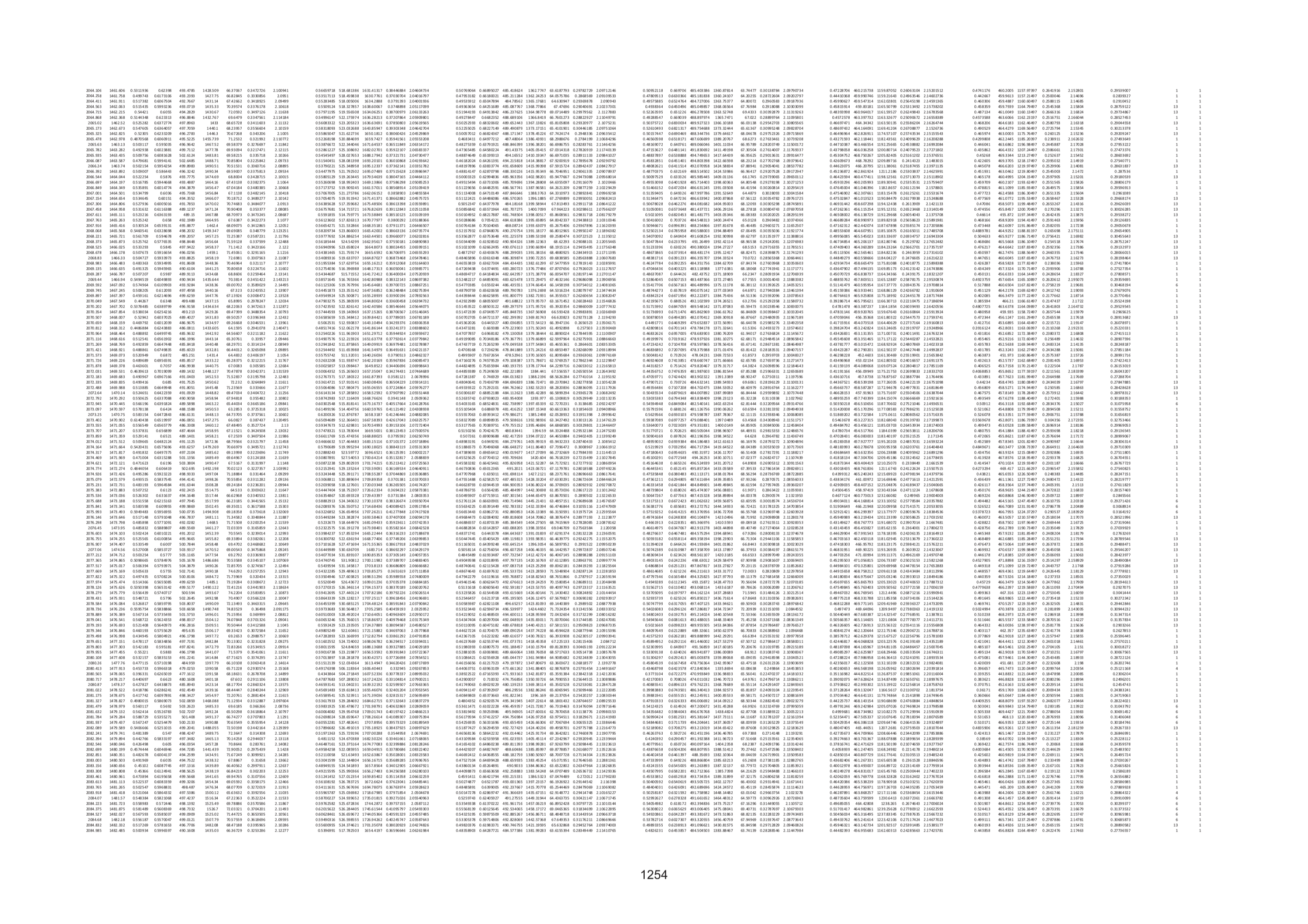

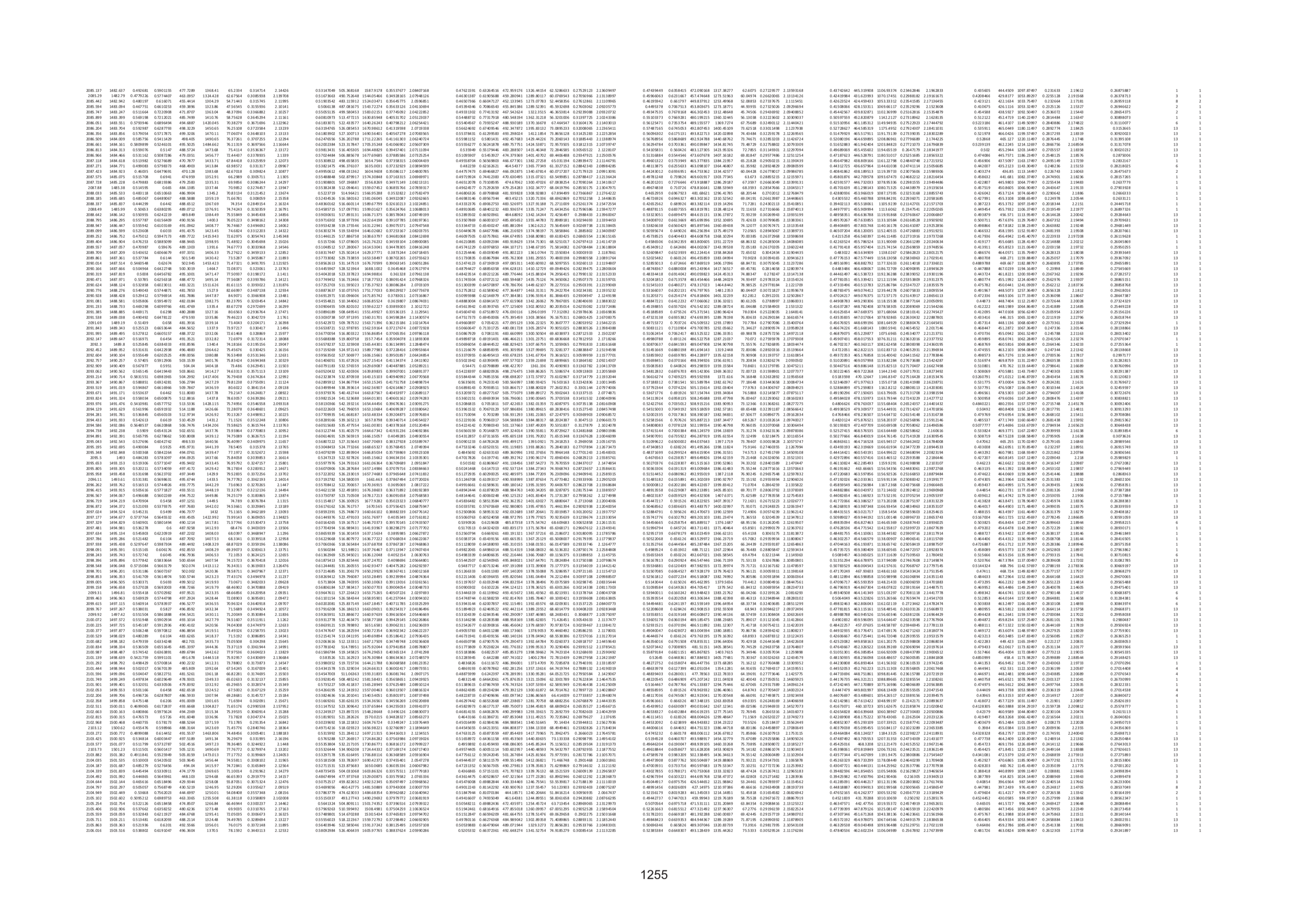

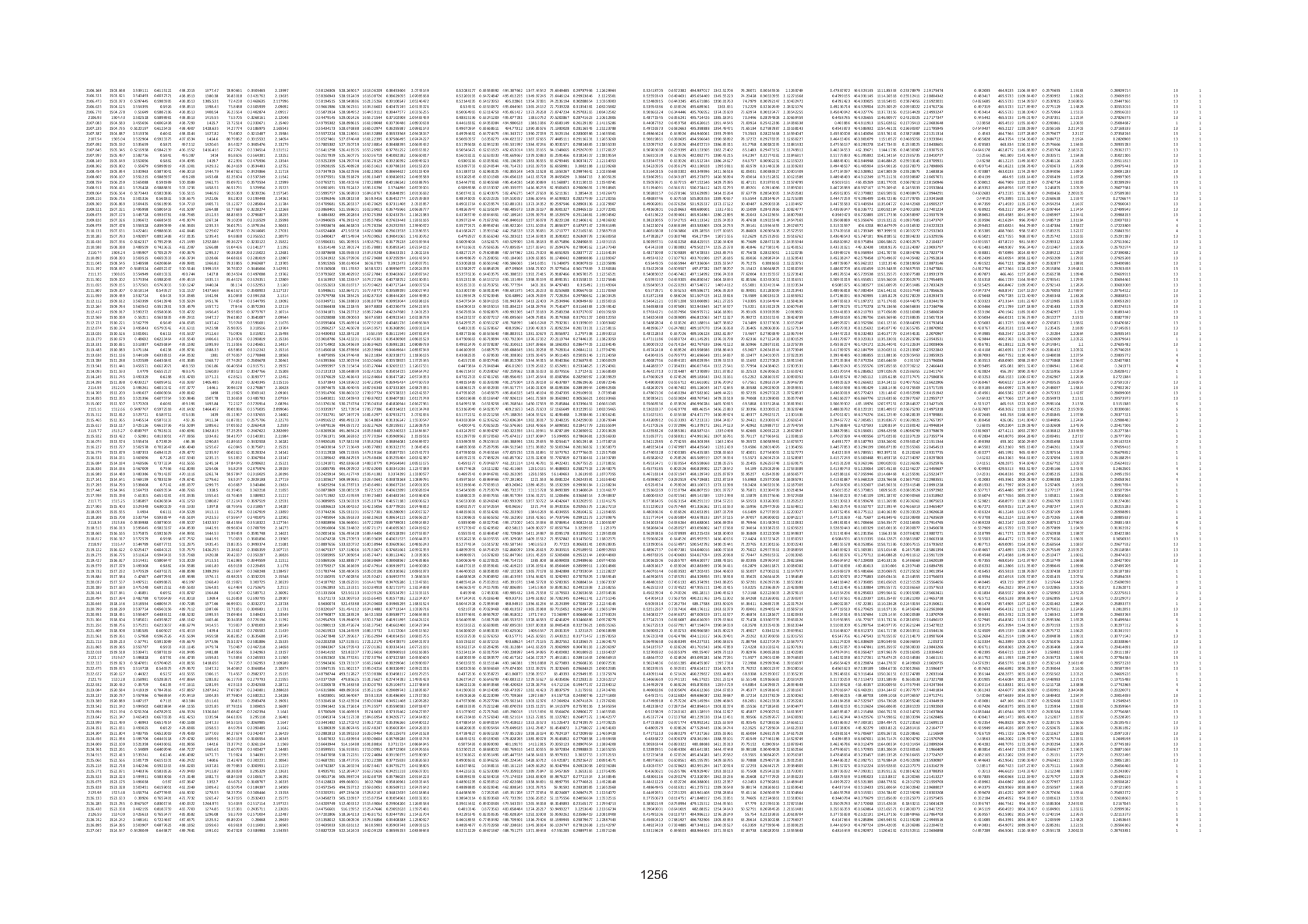

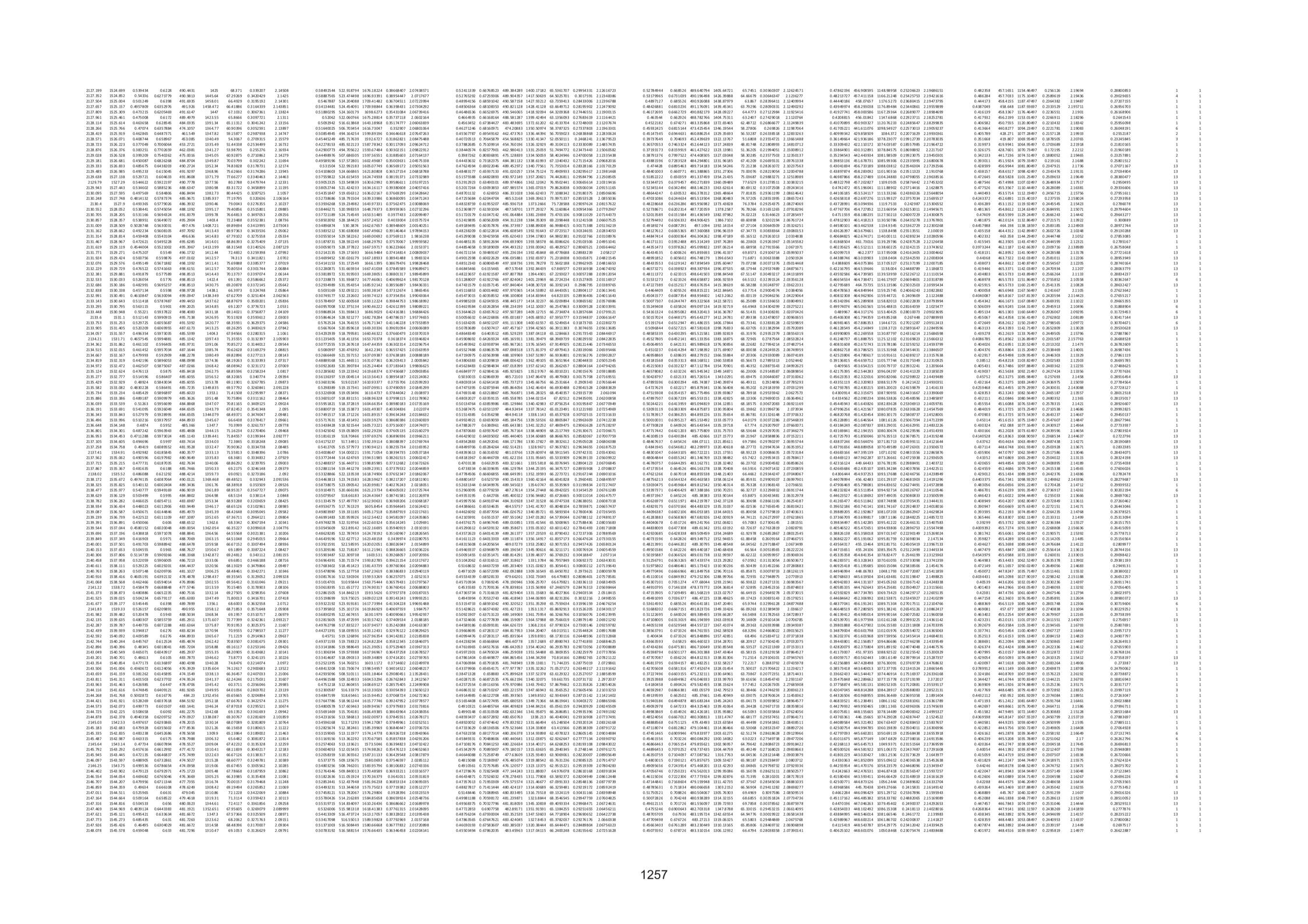

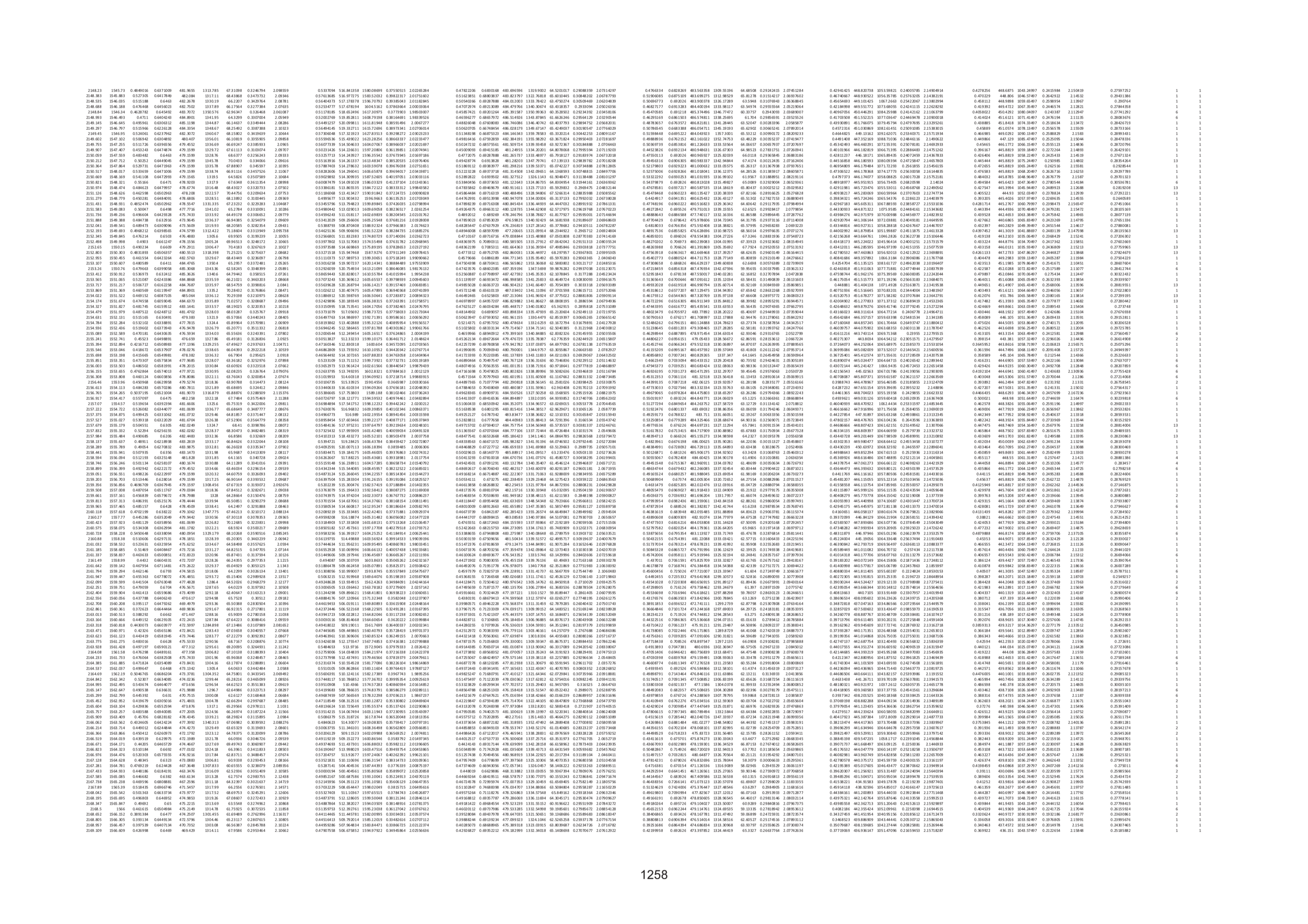

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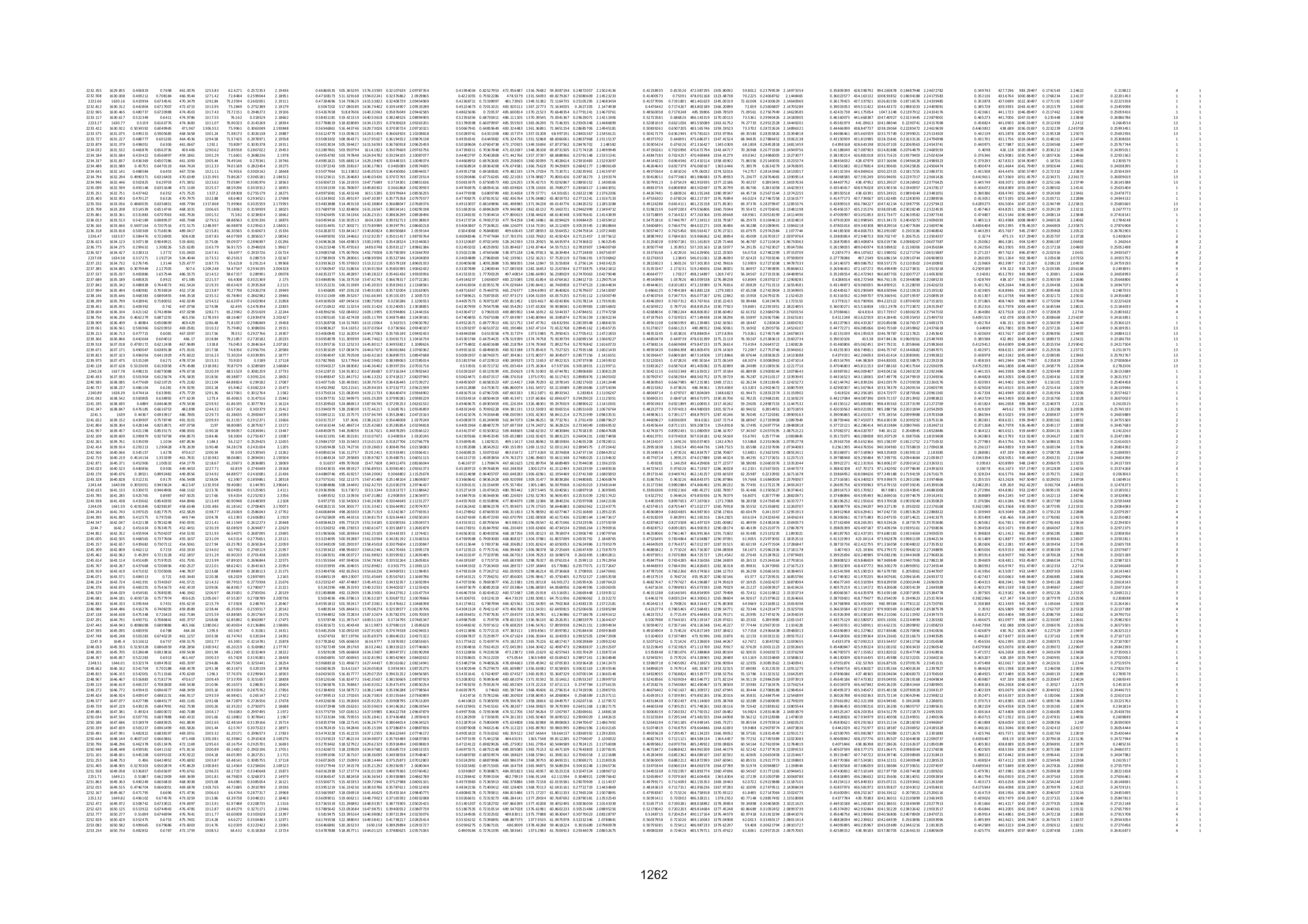

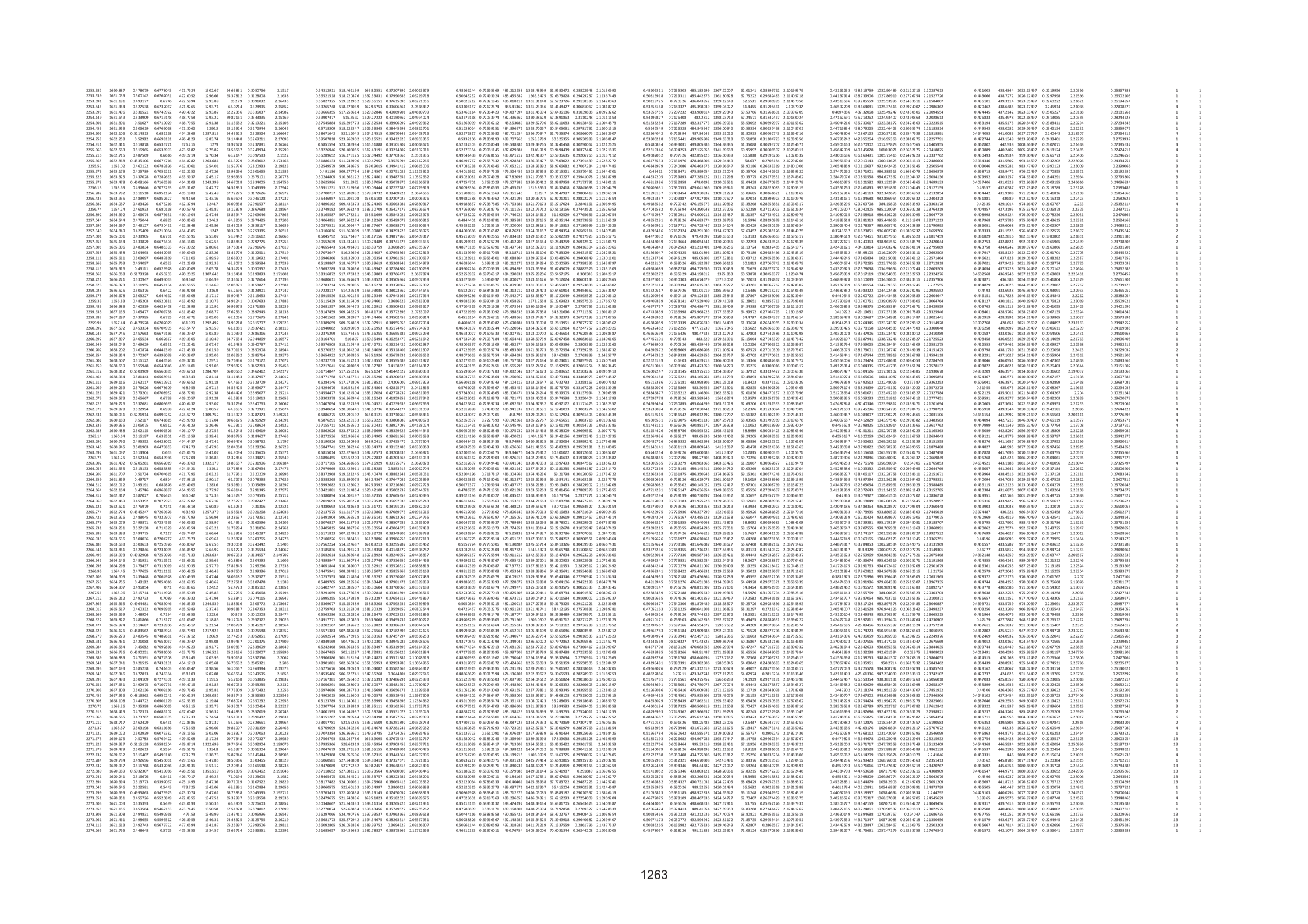

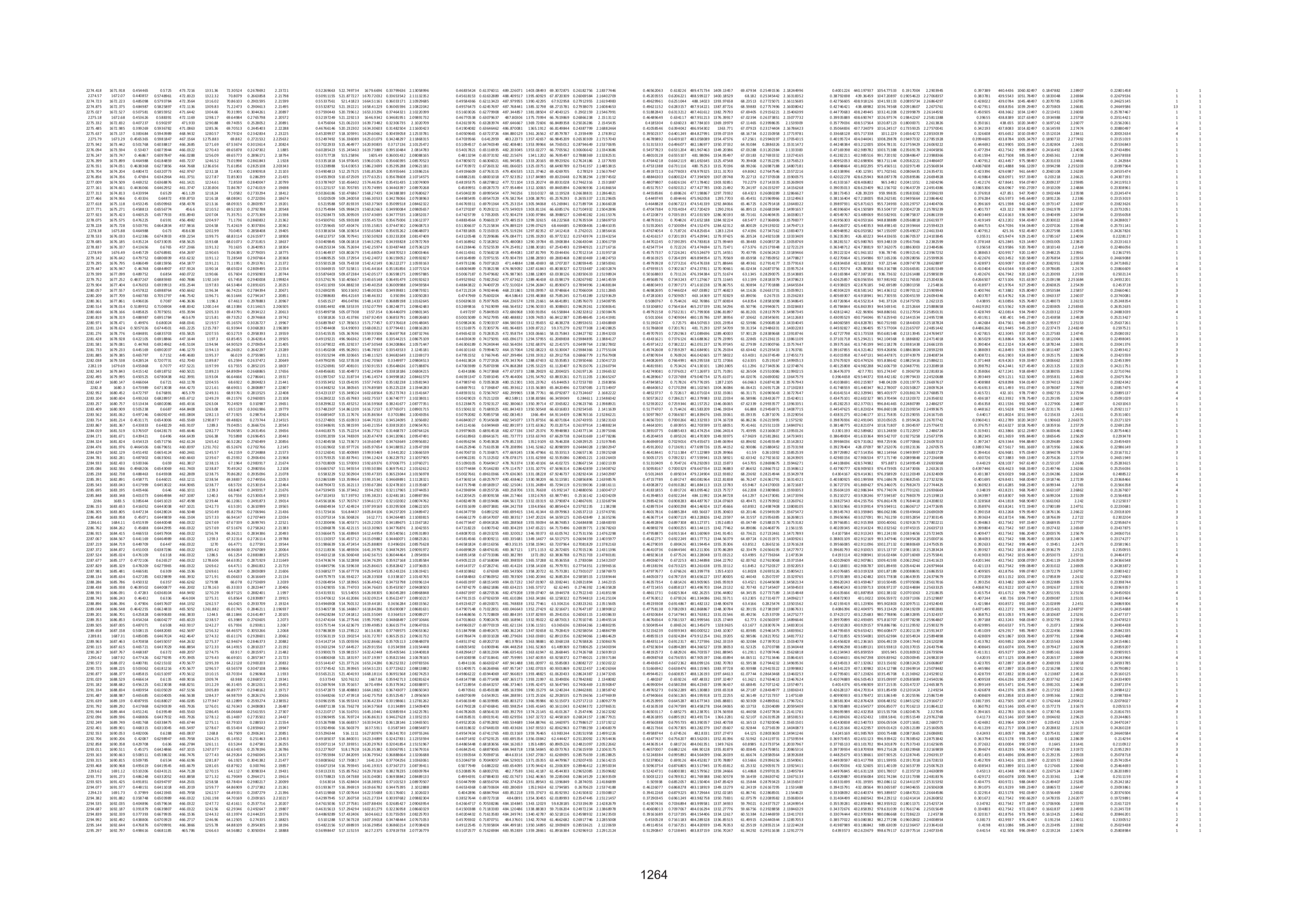

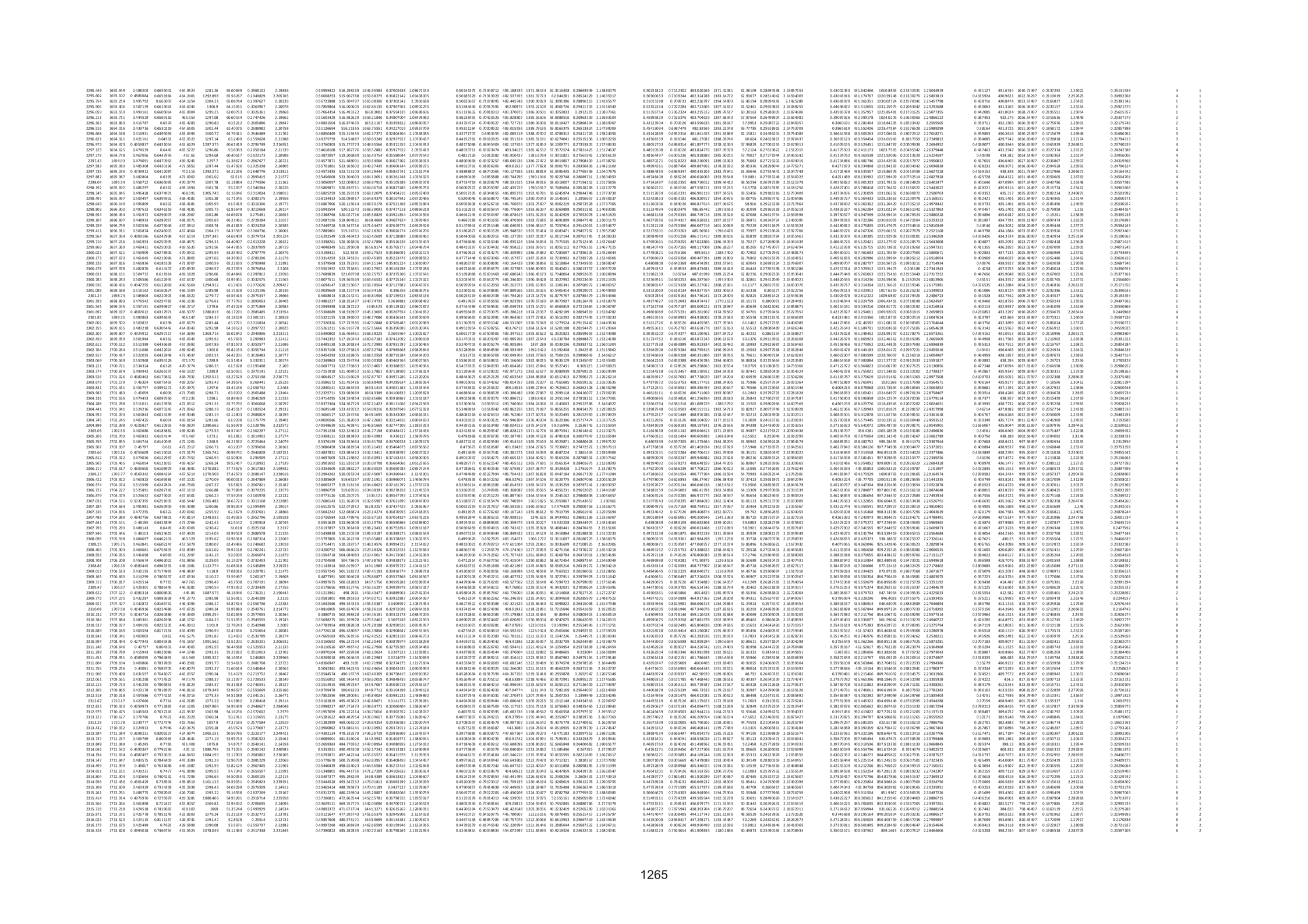

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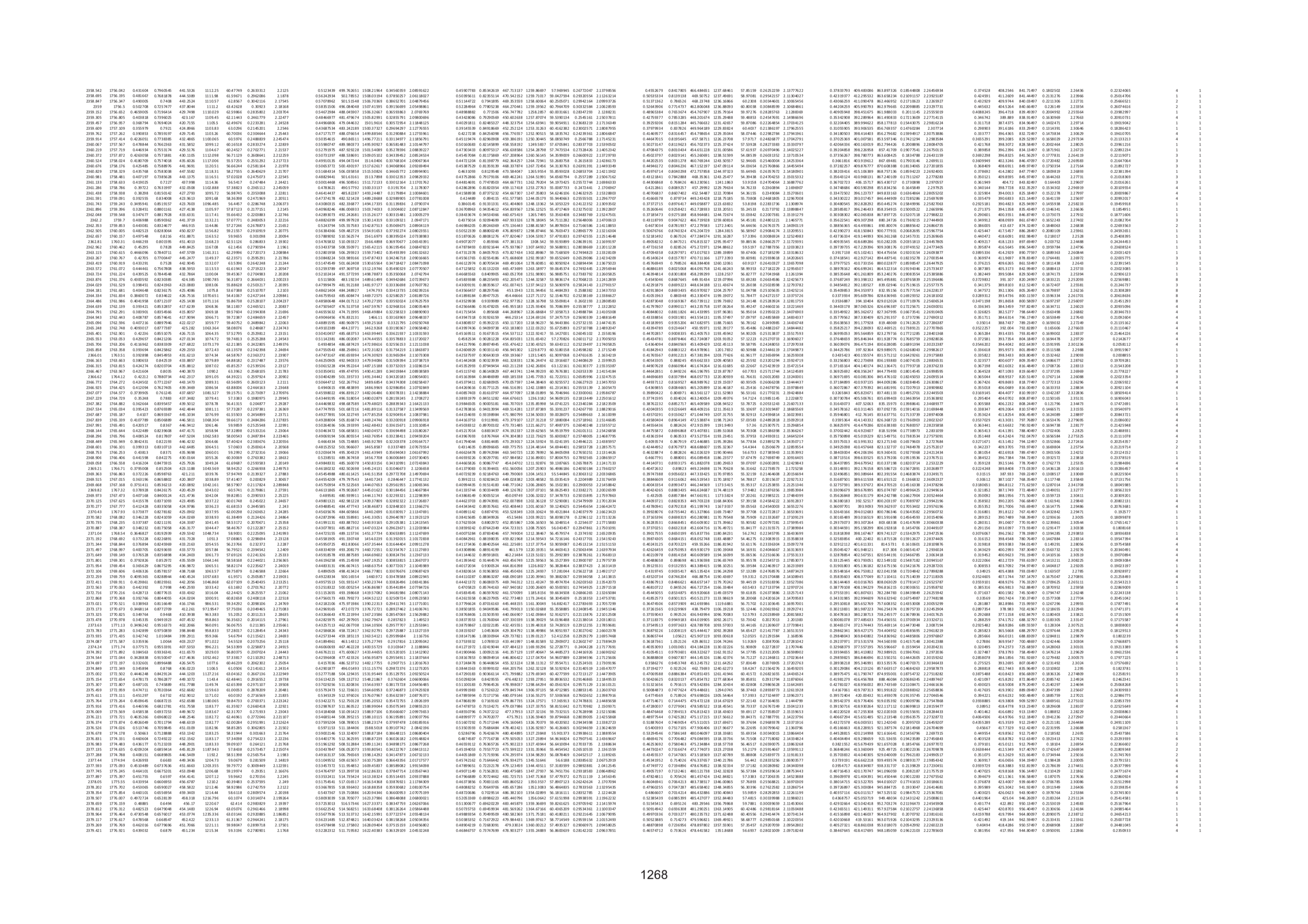

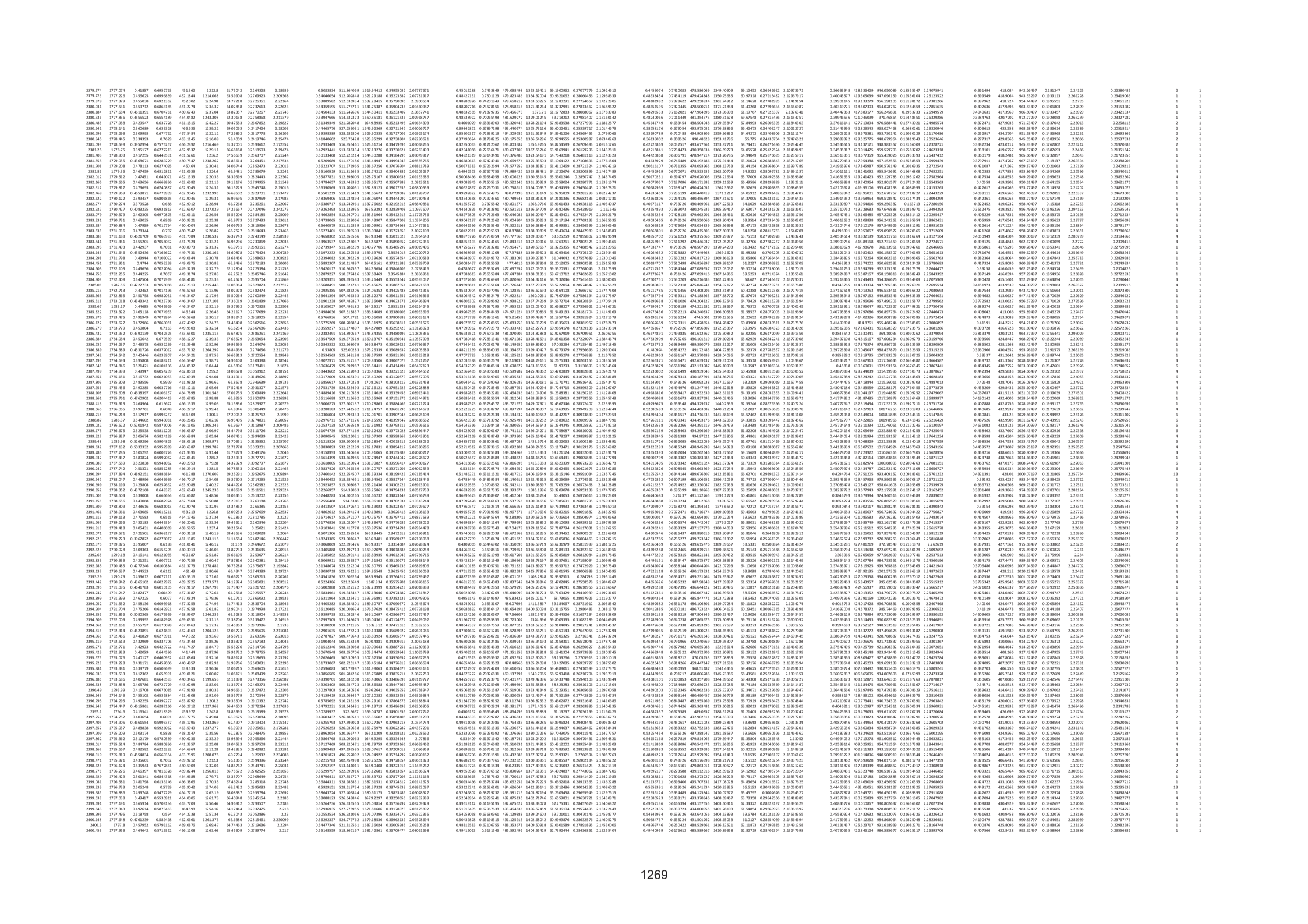

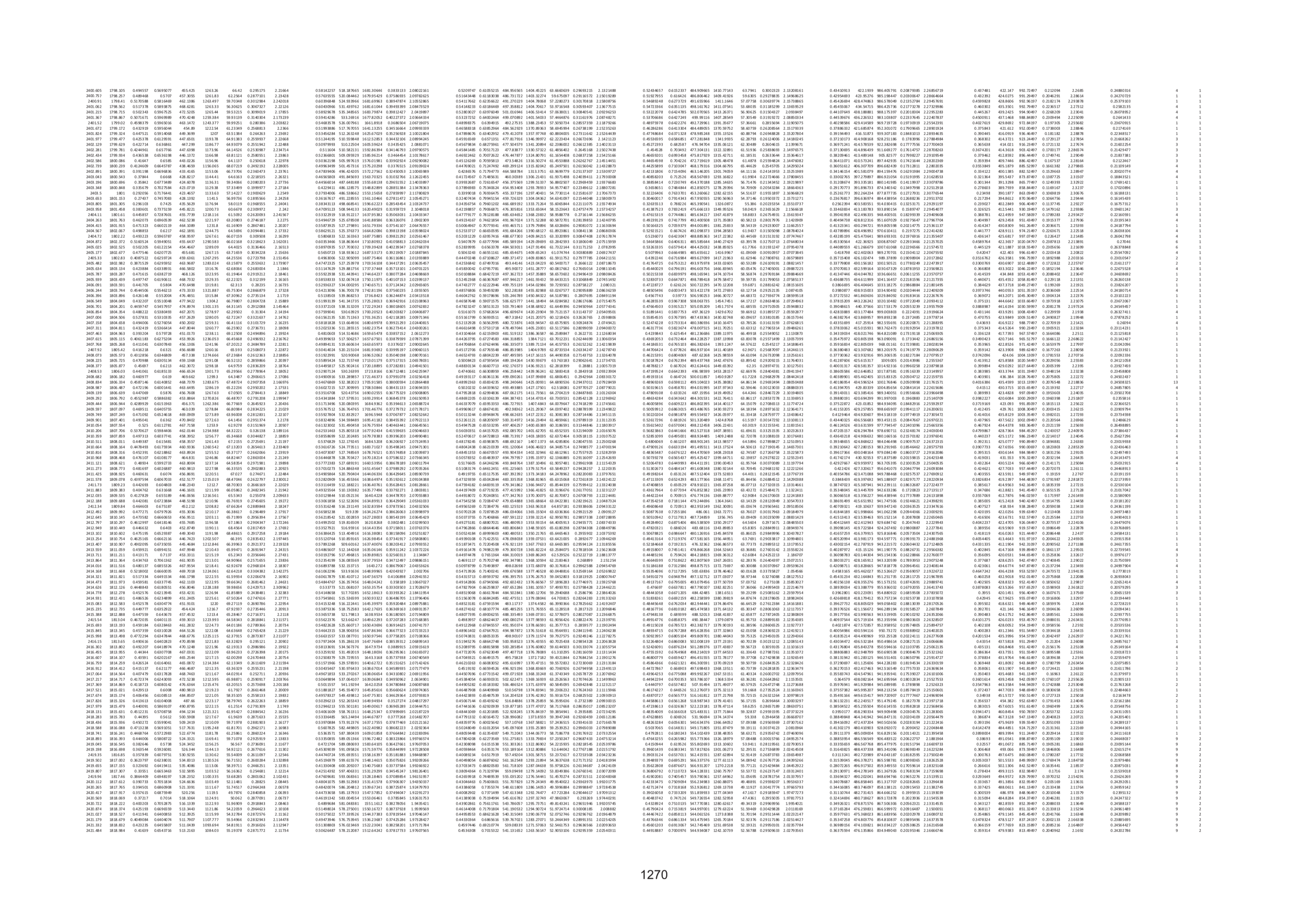

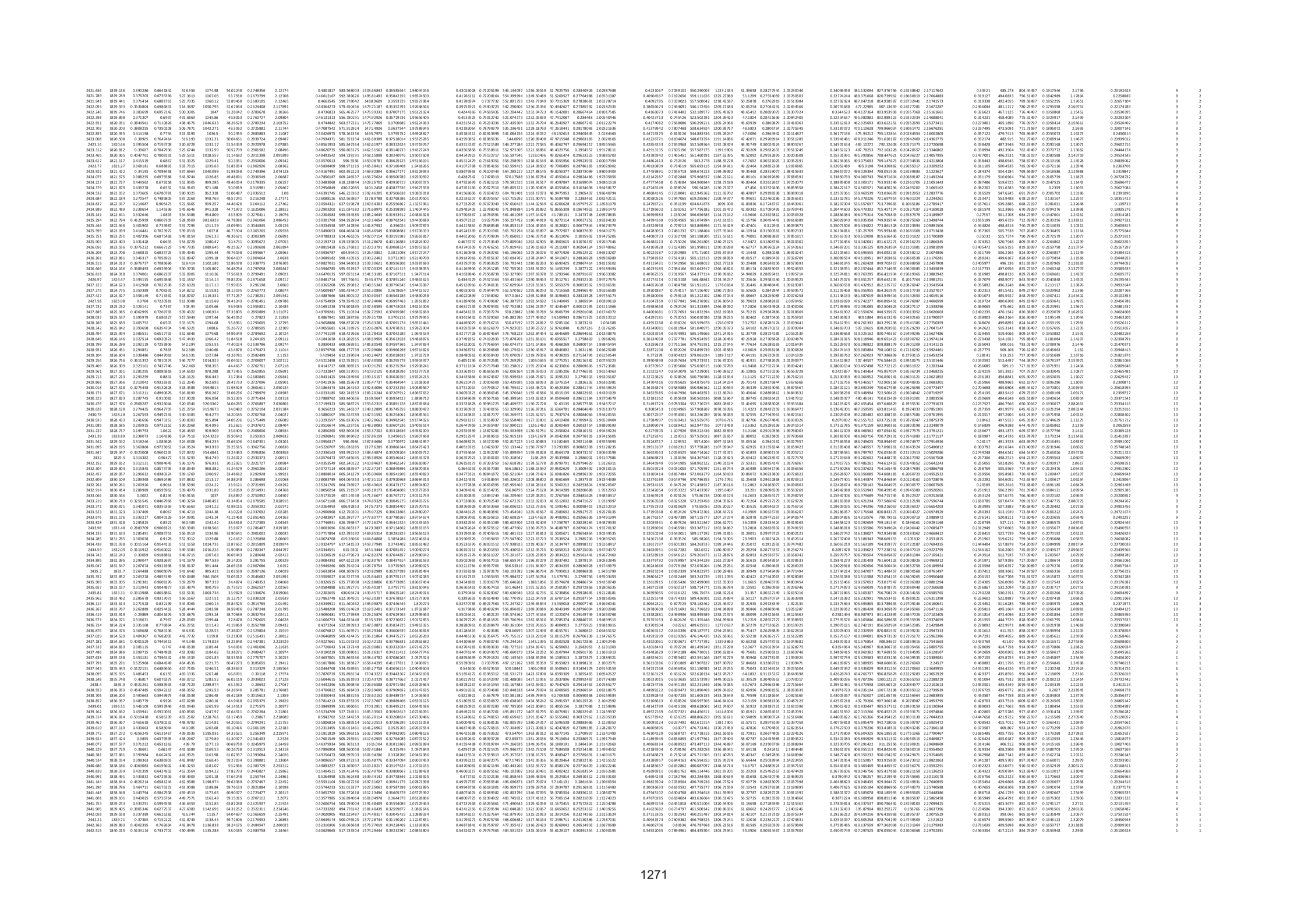

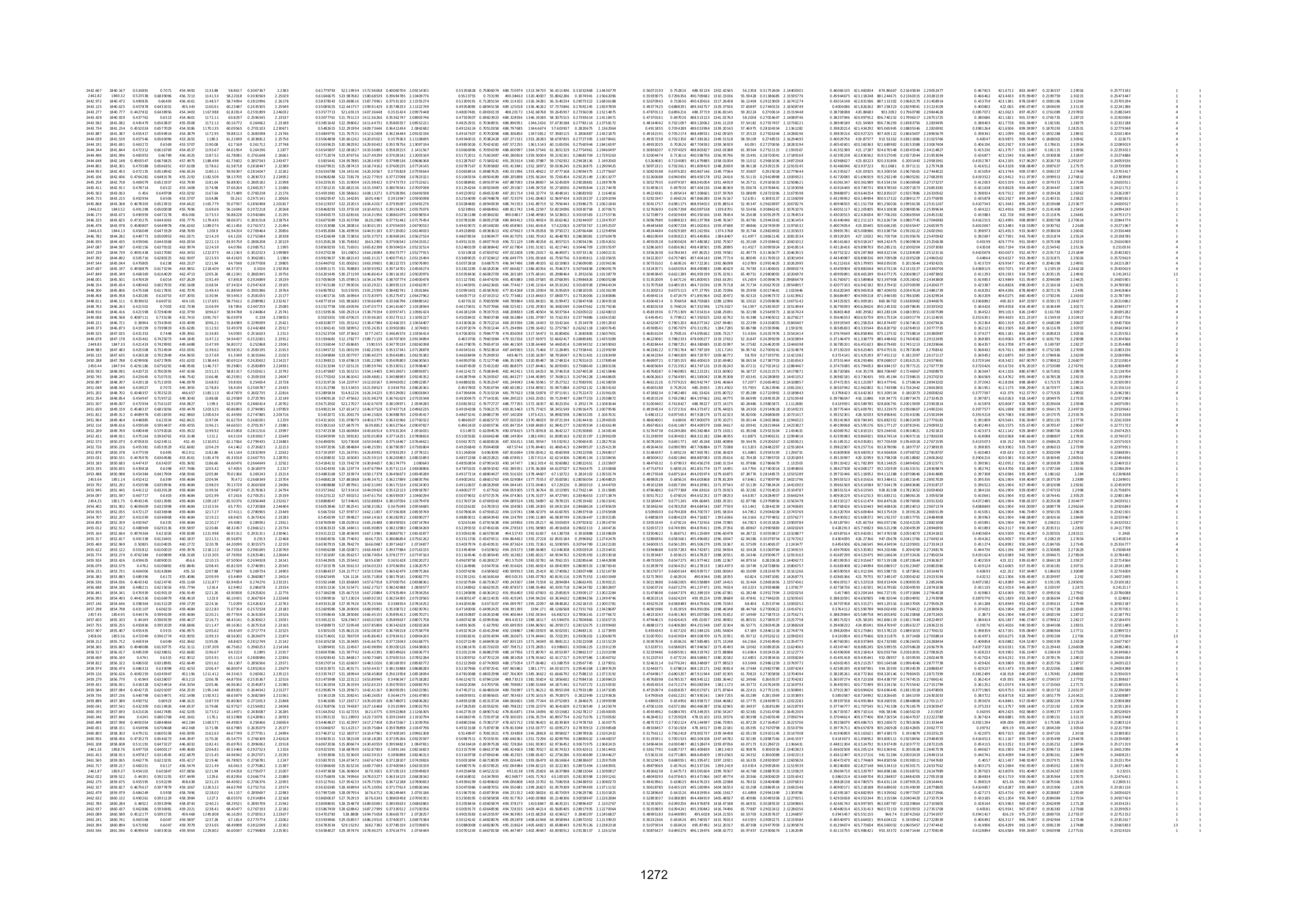

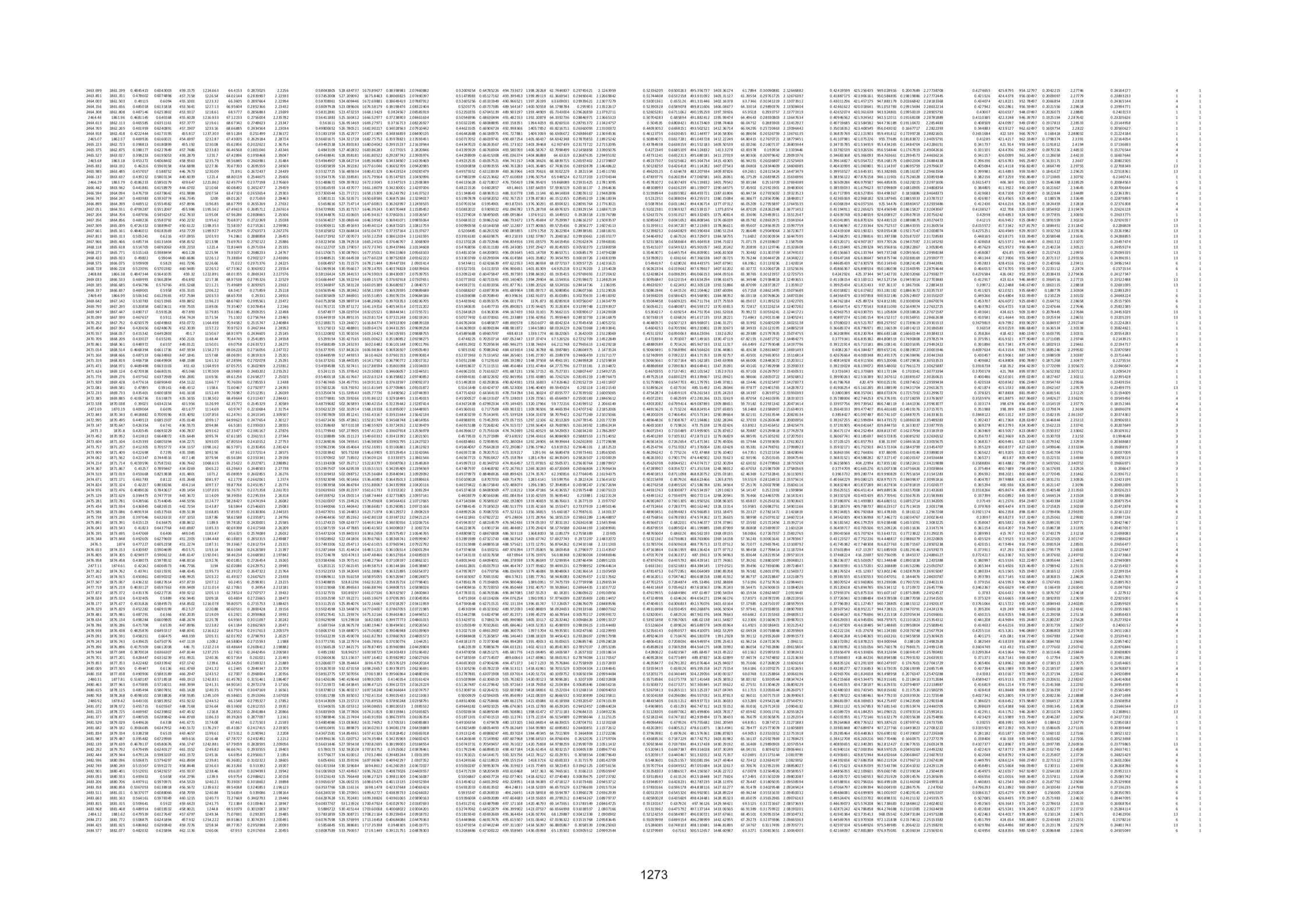

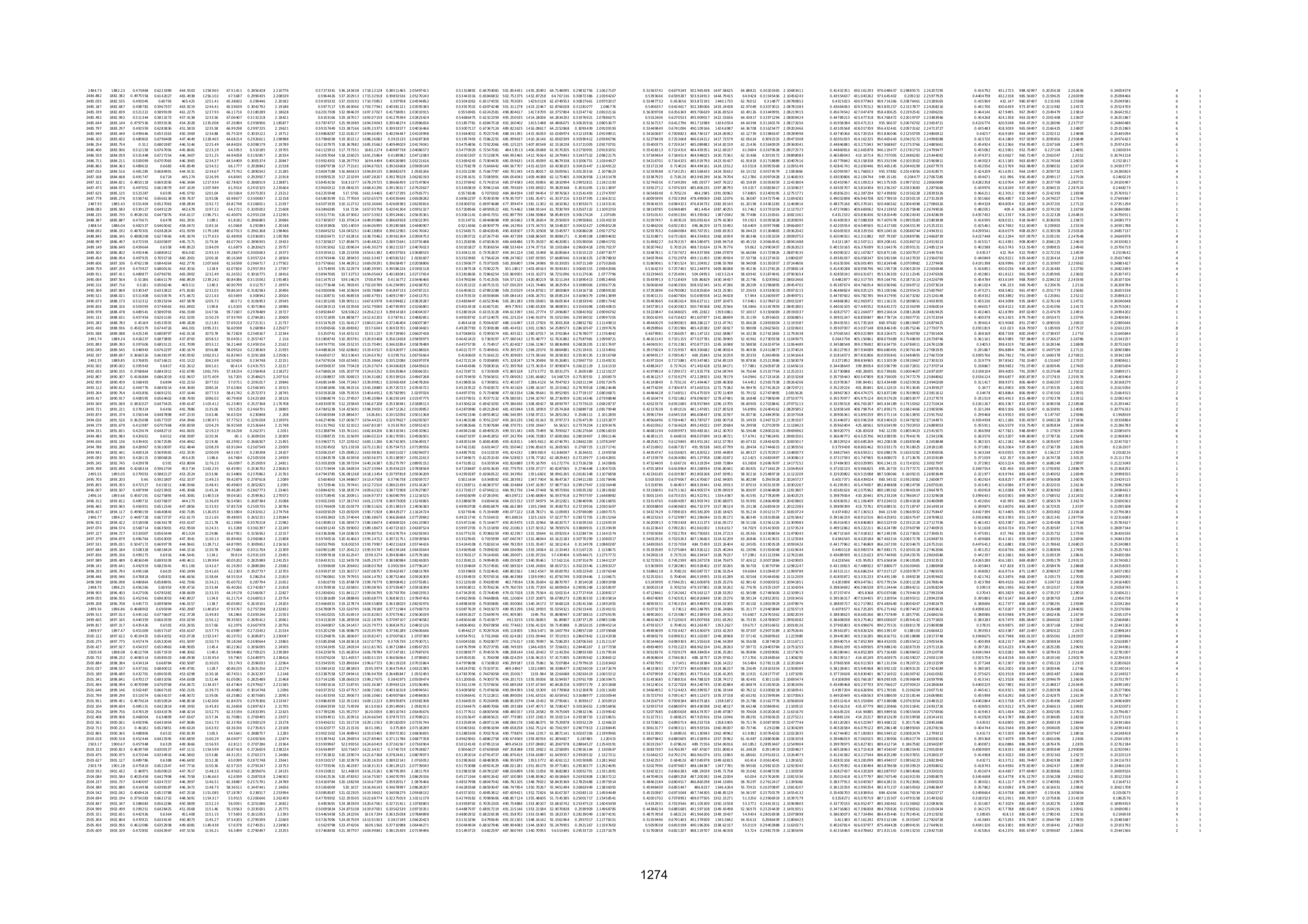

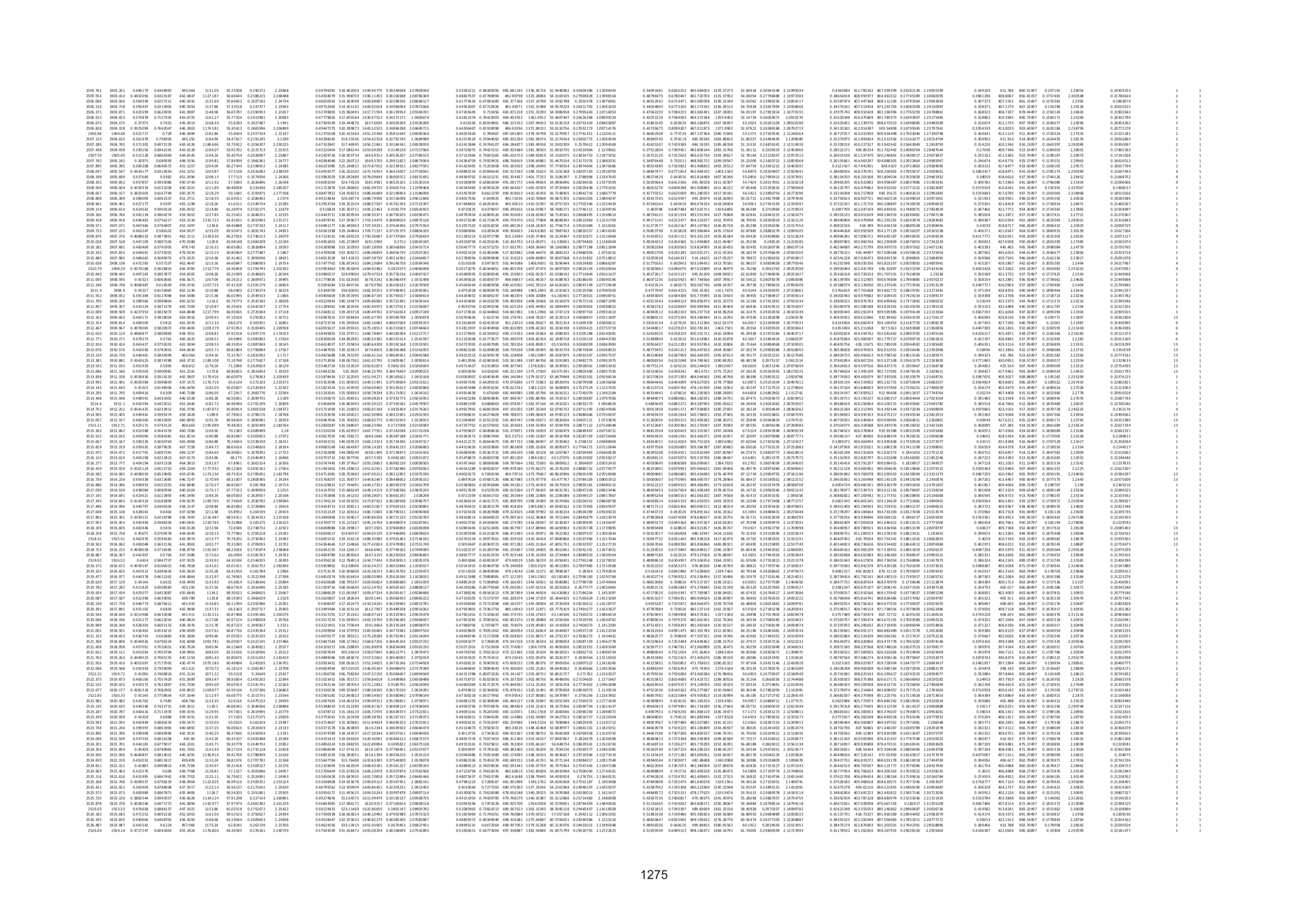

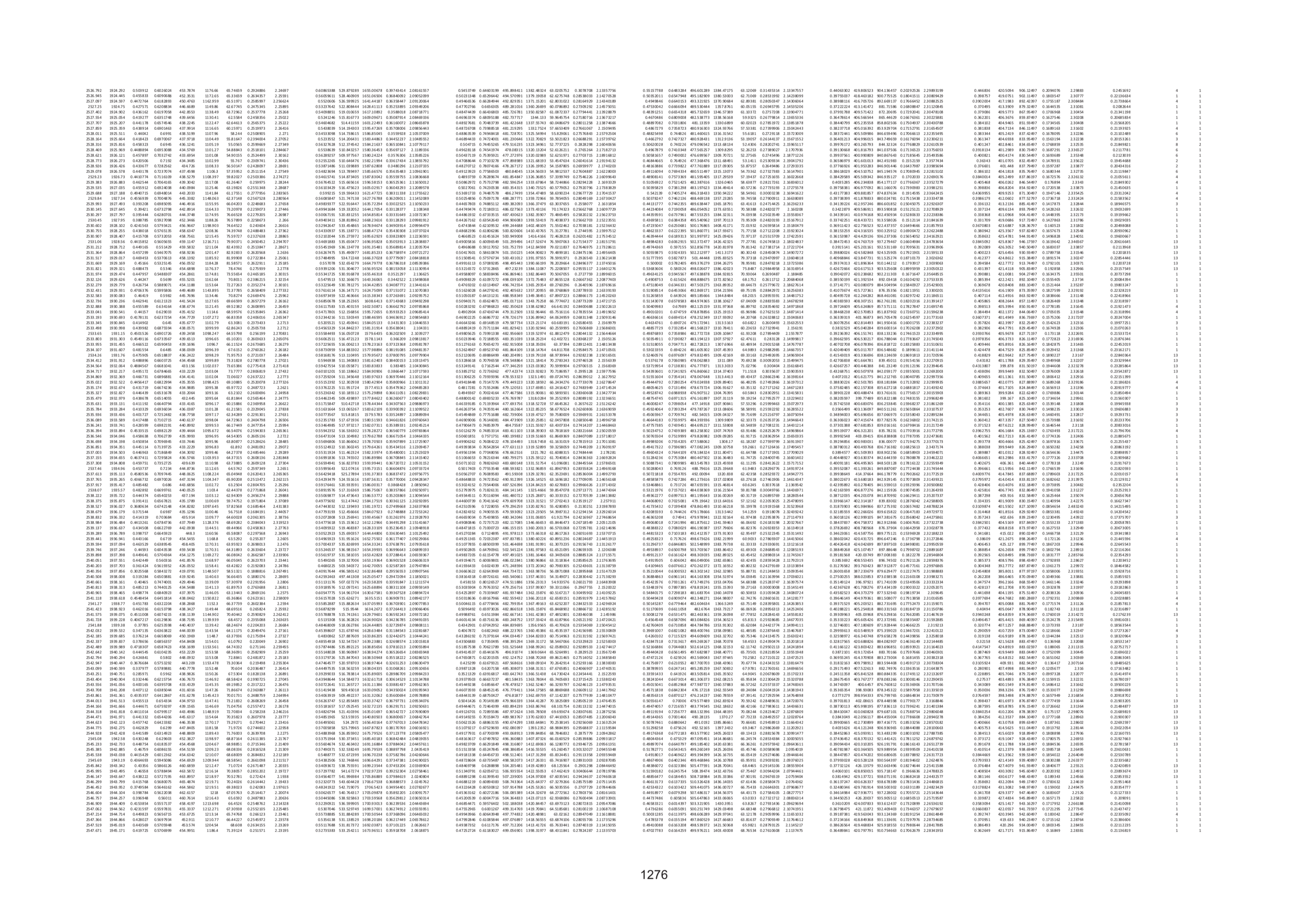

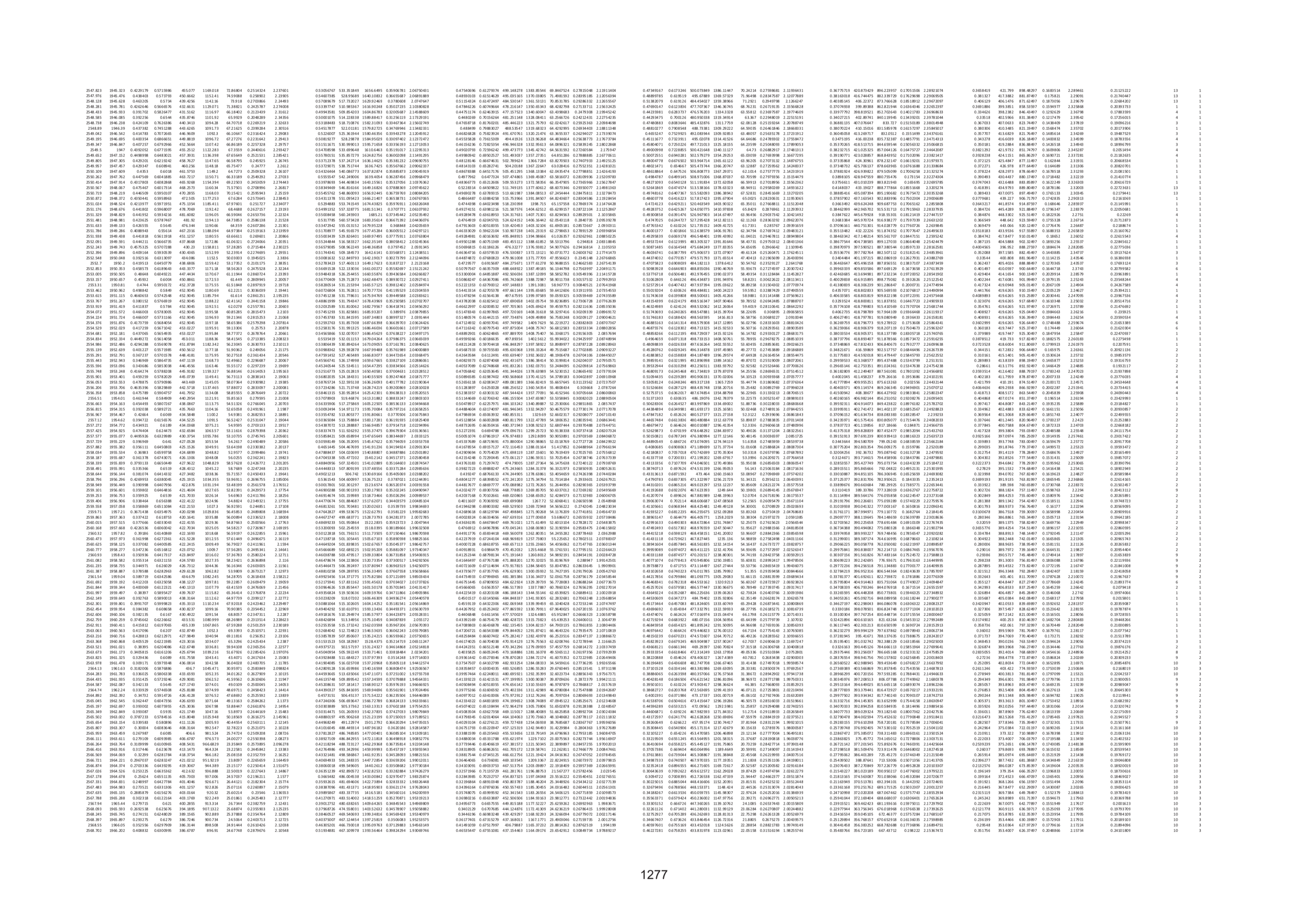

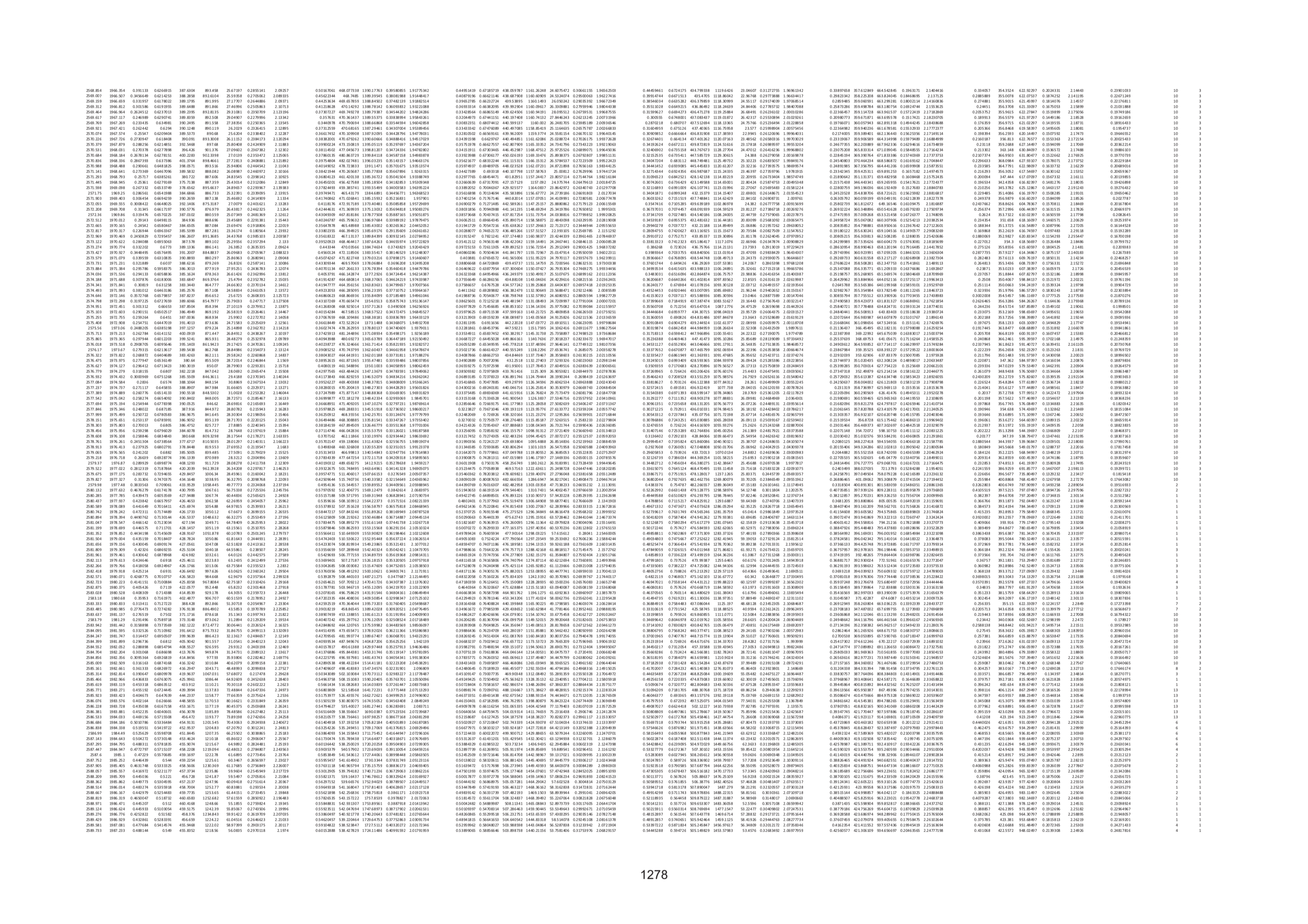

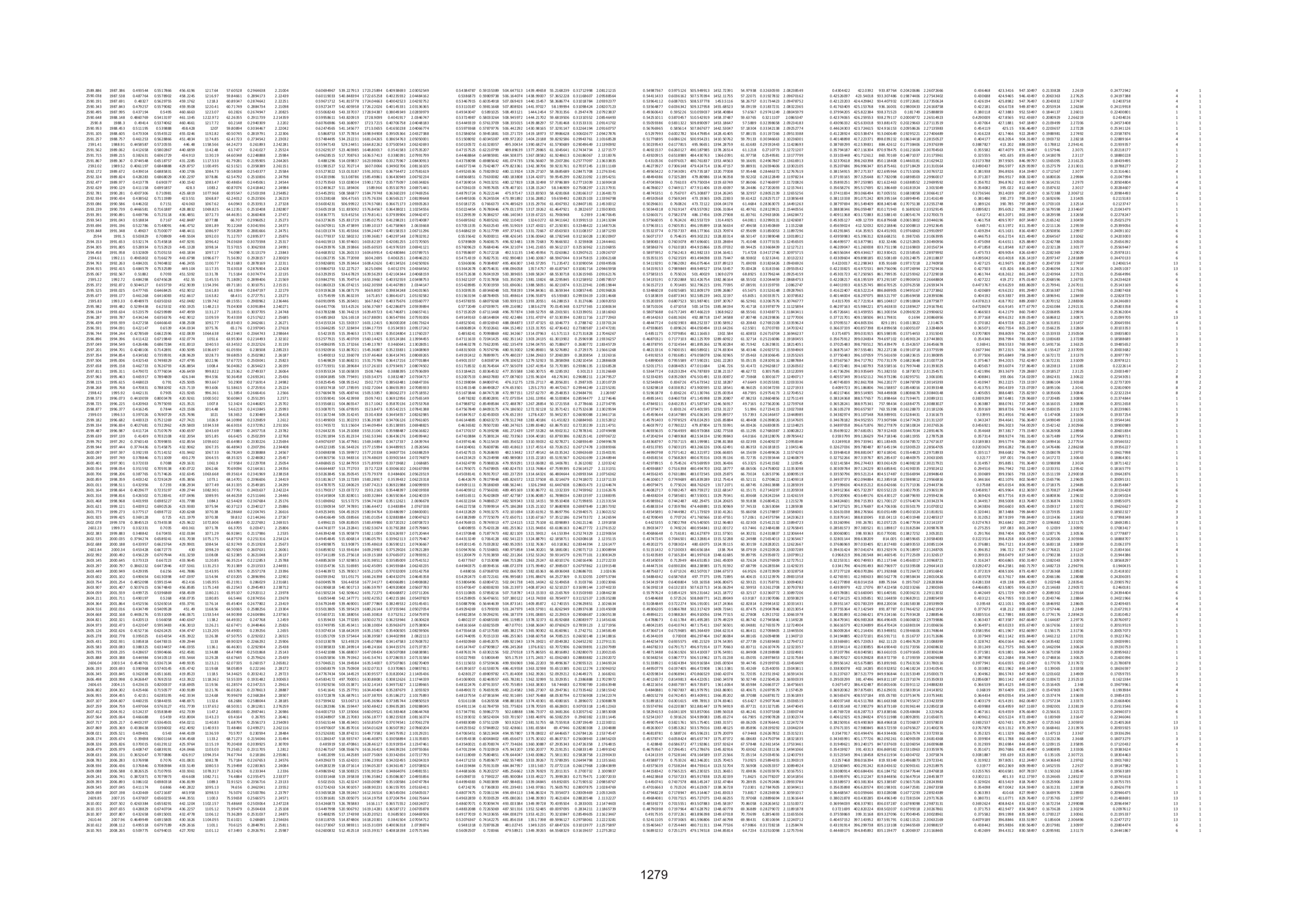

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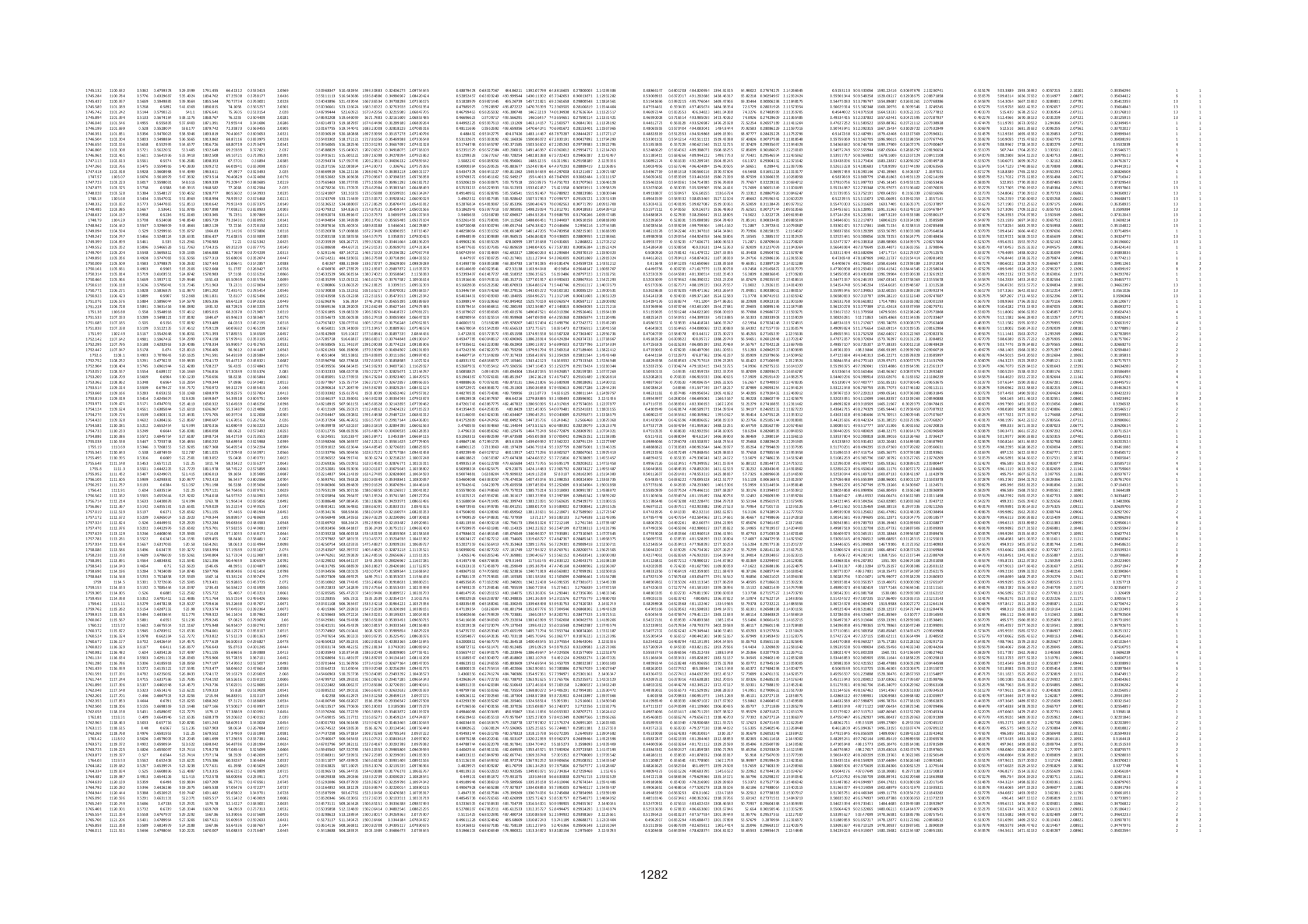
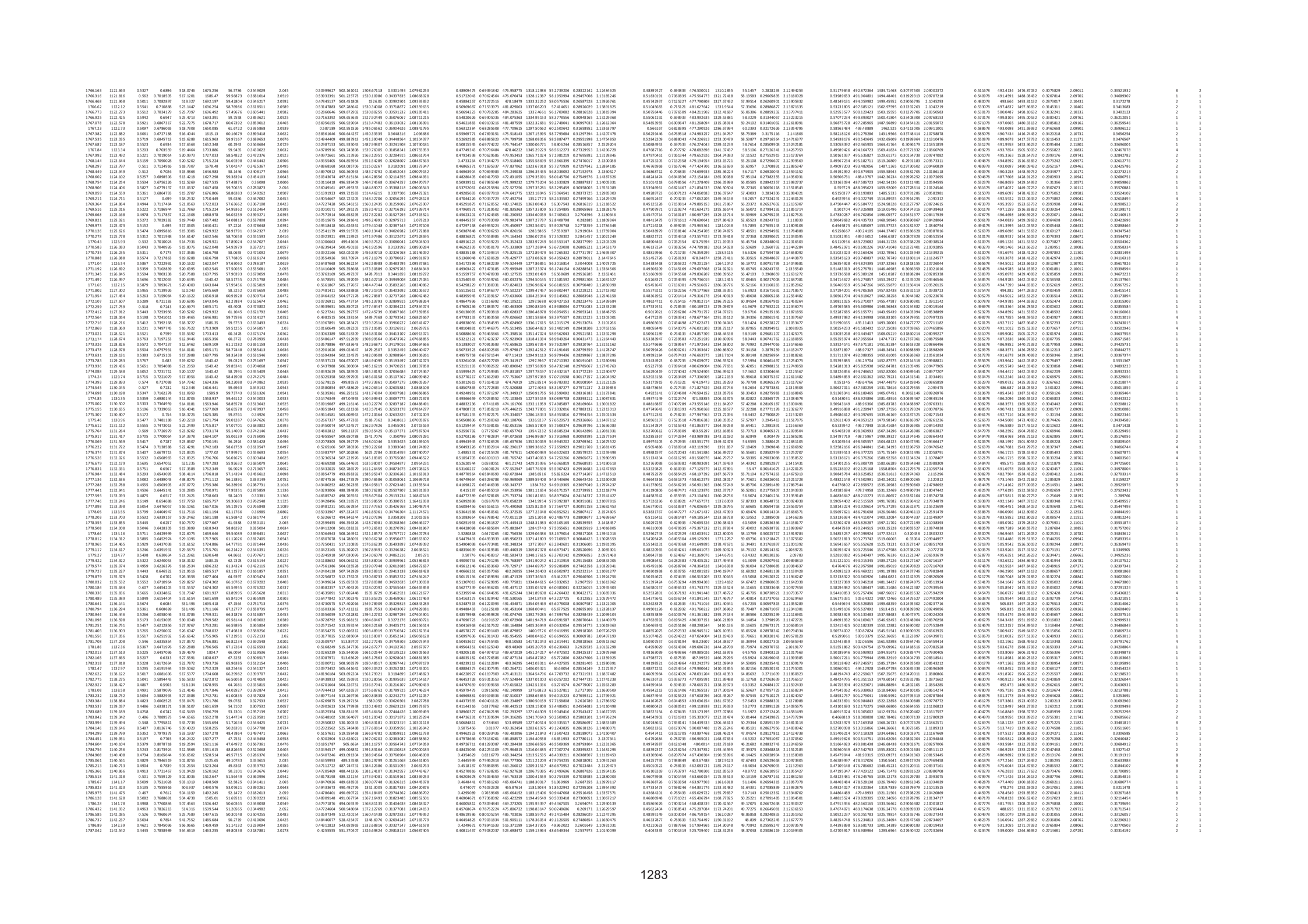
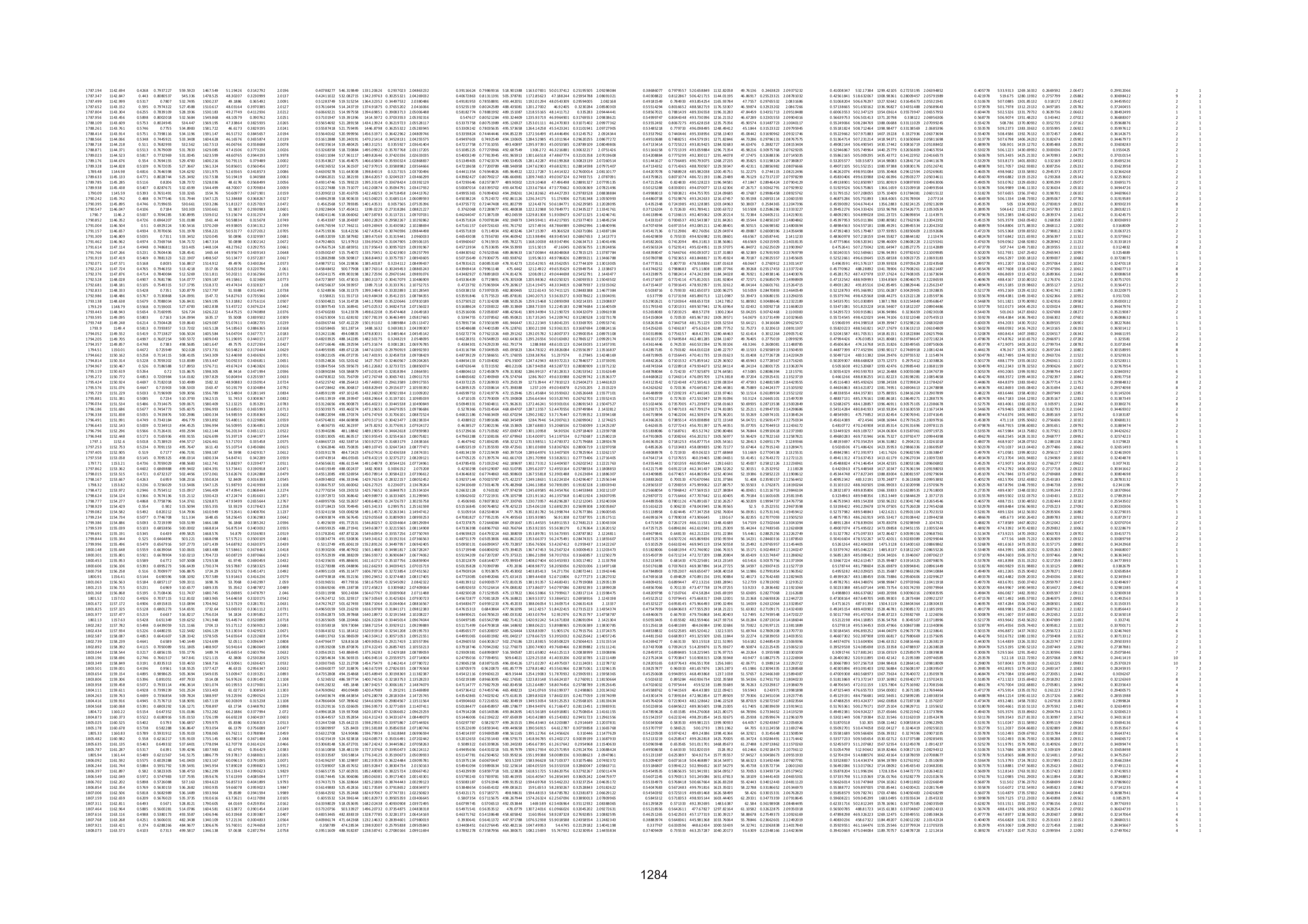
Well B24: Wireline logs

								Depth-determined logs (referenced to 1250m burial depth)								Depth-determined and factor-harmonised logs (referenced to Well B19)								Depth-determined and bulk shift-harmonised logs (referenced to Well B19)								Factor-harmonised logs (referenced to Well B19)								Bulk shift-harmonised logs (referenced to Well B19)								Porosity harmonisation (referenced to Well B20)	ANN wireline facies output	
MD.RT	Burial Depth	ARLC	AT90	DTCO	DTSM	HSGR	PHI	RHOZ	ARLC_determ d_factor	AT90_hdcfo r	DTCO_determ nd_hfactor	DTSM_determ nd_hfactor	HSGR_hdcfo r	PHI_determ nd_hfactor	RHOZ_determ nd_hfactor	ARLC_determ d_hshift	DTCO_determ nd_hshift	DTSM_hfact nd_hshift	PHI_hfact nd_hshift	RHOZ_hdcfo _hshift	ARLC_hdcfo r	DTCO_hfact r	DTSM_hfact or	PHI_hfact or	RHOZ_hdcfo or	ARLC_hshift	DTCO_hfact	DTSM_hfact	PHI_hfact	RHOZ_hshift	PHI_harmB2	Wireline	Wireline
																																													D	Facies ID	Facies Group
m	m	v/v	Ωm	µs/m	µs/m	gAPI	v/v	g/cm³	v/v	µs/m	µs/m	µs/m	gAPI	v/v	g/cm³	v/v	Ωm	µs/m	µs/m	v/v	g/cm³	v/v	µs/m	µs/m	v/v	g/cm³	v/v	µs/m	µs/m	v/v	g/cm³	v/v	g/cm³	v/v	µs/m	µs/m	v/v	g/cm³	v/v	µs/m	µs/m	v/v	g/cm³	v/v	unitless	unitless
1725.015	1080.515	0.404	0.6595	541.6987	1924.005	67.6086	1.9963		0.5738116	2.507737	1894.36114	-9999	2.0425492			0.5502947	0.6636393	494.45838	1480.36765	66.04957	-9999	2.0867602																																								
1725.168	1080.668	0.5482	0.6419669	535.7514	1885.471	67.56078	0.3772013	1.9992	0.5186366	2.514.09476	1856.07171	0.34416645	2.0454066			0.4973838	0.6499845	488.80697	1446.91408	66.20557868	0.29534616	2.08968515																																							
1725.32	1080.82	0.5333	0.6220157	528.0367	1858.985	66.16582	0.3645371	2.0148	0.5031647	506.950099	1826.28826	0.3315333	2.00696402			0.4825458	0.625910	481.531203	1427.96225	64.64008632	0.28407487	2.03557949																																							
1725.472	1080.972	0.5215	0.617705	522.3907	1848.734	65.23825	0.34953	2.044	0.4913955	501.229422	1819.81042	0.31655723	2.00102157			0.4725262	0.6215732	475.978958	1415.2325	63.71434438	0.27156137	2.13536824																																							
1725.625	1081.125	0.5316	0.6239849	520.4009	1869.481	63.89977	0.3631549	2.0329	0.4793251	502.913769	1860.61179	0.3304314	2.00937884			0.4610547	0.6278016	474.29727	1431.03341	62.42620147	0.28144798	2.14401726																																							
1725.777	1081.277	0.5276	0.6348	521.9167	1864.542	60.7576	0.4073245	2.0399	0.4759515	501.920191	1858.11452	0.37441404	2.0859364			0.5730613	0.6387525	475.788777	1448.69667	59.35605545	0.32119431	2.13109247																																							
1725.93	1081.43	0.6231	0.67125	525.2921	1890.718	58.43846	0.4075888	2.0299	0.5190716	504.289039	1862.5356	0.37407058	2.07589368			0.5687726	0.6794535	478.3800	1452.5616	57.07135841	0.33214785	2.12083235																																							
1726.082	1081.582	0.6143	0.7026486	529.3494	1877.138	57.24118	0.4045868	2.0232	0.5384306	507.338.36481	1849.17811	0.3771736	2.09135124			0.5820599	0.7070874	480.4230	1436.90243	55.91222155	0.34116645	2.14194195																																							
1726.234	1081.734	0.5733	0.6871807	533.7029	1861.132	60.55574	0.3830763	2.0213	0.5143343	512.738477	1833.44354	0.35025915	2.0672088			0.5210669	0.6934839	487.005384	1427.13023	57.19559493	0.30407284	2.11195946																																							
1726.387	1081.887	0.581	0.6752285	537.4034	1849.321	62.2617	0.3860762	2.0249	0.5150282	516.456423	1821.86748	0.3529021	2.07076608			0.5284782	0.6794569	490.536735	1417.02976	60.82397006	0.31007312	2.11559375																																							
1726.539	1082.039	0.5962	0.6918599	541.3099	1827.966	64.72773	0.3891583	2.0273	0.5662906	521.0.34.1.1	1810.24.1.1	0.3709.1.1	2.0628407			0.5408198	0.6956419	493.72.1.1	1404.38.1.1	63.28.1.1	0.32.1.1	2.09.1.1																																							
1726.692	1082.192	0.5645	0.6756137	537.9982	1793.727	66.51175	0.3763336	2.0285	0.5346384	517.093194	1766.5925	0.34360995	2.07428094			0.5127081	0.6809512	491.140199	1368.88182	64.97801362	0.29476476	2.13918469																																							
1726.844	1082.344	0.5668	0.6649095	534.2403	1750.062	70.67896	0.3765388	2.0318	0.5369646	513.3534	1523.33667	0.34384617	2.0775385			0.5149043	0.6690733	487.589445	1330.94314	69.0491332	0.29497141	2.12251278																																							
1726.996	1082.496	0.5696	0.6502496	530.7238	1743.461	70.81641	0.3777077	2.0377	0.5299748	508.9.1.1	1523.9.1.1	0.3440.1.1	2.0783139			0.5026.1.1	0.6.1.1	484.19.1.1	1330.1.1	68.1.1	0.30.1.1	2.1.1																																						
1727.149	1082.649	0.5883	0.5845178	530.3627	1774.515	70.19688	0.3859532	2.0389	0.5385502	508.931457	1538.7925	0.35312482	2.0815432			0.5136161	0.6881738	483.942306	1352.73206	68.57811866	0.30103102	2.1296795																																							
1727.301	1082.801	0.5893	0.5901	533.4047	1824.502	67.173	0.3876826	2.0348	0.5595105	512.579871	1598.50417	0.35908324	2.08041094			0.5365985	0.5937935	486.850939	1396.61717	65.62404808	0.30461122	2.1254744																																							
1727.454	1082.954	0.5965	0.7136726	534.7213	1866.9382	66.53482	0.3806992	2.0281	0.5444809	513.3.1.1	1638.3.1.1	0.3.1.1	2.0.1.1			0.5221.1.1	0.5989.1.1	487.1.1	1426.1.1	64.1.1	0.29.1.1	2.1.1																																							
1727.606	1083.106	0.5894	0.5971979	540.5454	1899.187	66.68822	0.3871368	2.0275	0.5546851	522.75234	1673.1368	0.3725.1.1	2.0.1.1			0.5135298	0.6009378	494.05193	1462.29351	65.15041368	0.30419368	2.1179024.1																																							
1727.758	1083.258	0.572	0.5814779	545.9133	1919.827	67.83094	0.3818184	2.023	0.5423137	525.220536	1694.55596	0.34097527	2.0694804			0.5320877	0.5851192	498.860999	1480.53787	66.2667862	0.29971459	2.1132.1.1.1																																							
1727.911	1083.411	0.545	0.5546436	546.2897	1922.214	67.01207	0.3893583	2.0174	0.5153471	525.33878	1707.1864	0.35773138	2.0628407			0.4942212	0.5579357	499.162382	1487.23586	64.7853758	0.30479113	2.1049868																																							
1728.063	1083.563	0.5316	0.5524	545.1564	1914.579	66.7307	0.3634079	2.0157	0.5010959	524.424385	1689.7924	0.33096399	2.00108828			0.4881305	0.5557582	498.304085	1476.37614	65.19139173	0.28392321	2.10571666																																							
1728.216	1083.716	0.5428	0.5450236	543.844	1890.243	68.33044	0.3680382	2.0187	0.5113795	523.33422	1665.69966	0.31567049	2.00405359			0.4923647	0.5489777	496.870732	1455.32604	66.73523291	0.28795783	2.10877399																																							
1728.368	1083.868	0.5516	0.5299247	541.5771	1914.255	71.9211	0.3674176	2.023	0.5322052	521.9.1.1	1.9.1.1	0.3.1.1	2.0.1.1			0.5122007	0.5.1.1	494.1.1	1.1.1	68.1.1	0.30.1.1	2.1.1																																							
1728.52	1084.02	0.5468	0.5382386	538.6544	1815.196	71.70765	0.3670445	2.0288	0.5172532	517.98544	1687.7258	0.35132282	2.0845937			0.5365121	0.5788758	491.483955	1397.28178	68.2.1.1	0.30.1.1	2.1.1																																							
1728.673	1084.173	0.5568	0.5434357	534.7737	1824.563	67.173	0.3787826	2.0348	0.5232126	514.322674	1665.9.1.1	0.3.1.1	2.0.1.1			0.5.1.1	0.5.1.1	488.1.1	1.1.1	66.1.1	0.30.1.1	2.1.1																																							
1728.825	1084.325	0.5786	0.5638084	531.2577	1781.11	69.53892	0.3813367	2.0369	0.5449089	511.8.20.48	1593.9.3.19	0.3.1.1	2.0.1.1			0.5.1.1	0.5.1.1	483.1.1	1.1.1	68.1.1	0.30.1.1	2.1.1																																							
1728.978	1084.478	0.601	0.5763575	528.0364	1735.388	63.82274	0.3947382	2.0323	0.5715369	507.420615	1512.03582	0.36248086	2.0774428			0.5481132	0.5789667	481.354932	1342.53146	70.75.1.1	0.31.1.1	2.1.1																																							
1729.13	1084.63	0.5858	0.5798944	526.8433	1692.081	63.00019	0.3997324	2.0174	0.5563658	506.24482	1490.6.1.1	0.3.1.1	2.0.1.1			0.5319536	0.5835252	480.859127	1283.43688	61.51350655	0.32.1.1	2.1.1																																							
1729.282	1084.782	0.5951	0.5911326	526.4046	1686.367	62.76818	0.4009748	2.0037	0.5545838	505.723.1.1	1483.77168	0.3675143	2.0.1.1			0.5425033	0.6146307	480.034127	1276.01485	61.26020111	0.33.1.1	2.0.1.1																																							
1729.435	1084.935	0.6004	0.635618	526.9625	1675.972	62.23745	0.4114392	1.9993	0.5181024	506.4.0.736	1463.3.2.08	0.3739.1.2.02	2.0163.1.55			0.5572081	0.6395838	480.3.1.1	1269.8.1.1	60.8.1.1	0.35.1.1	2.0.1.1																																							
1729.587	1085.087	0.5707	0.6	525.9485	1646.846	62.189	0.4179405	1.99	0.5503436	506.4.1.1	1.1.1	0.3.1.1	2.0.1.1			0.5277939	0.6.1.1	480.1.1	1.1.1	60.1.1	0.36.1.1	2.0.1.1																																							
1729.74	1085.24	0.561	0.6973983	523.134	1680.506	62.19299	0.3821588	2.0031	0.5316764	502.84099	1483.79006	0.35005077	2.04830142			0.5090869	0.7016354	477.570434	1274.18951	60.758845	0.30029922	2.0923659																																							
1729.892	1085.392	0.5083	0.7048941	519.7491	1666.906	61.07949	0.3517763	2.0365	0.4970043	499.245102	1465.01965	0.31969424	2.01138803			0.4593728	0.709303	474.381394	1262.51736	61.6249027	0.27425246	2.10601268																																							
1730.044	1085.544	0.5013	0.6.1.1	519.2.1.1	1652.92	62.45776	0.3.1.1	2.0.1.1	0.5.1.1	500.1.1	1.1.1	0.3.1.1	2.0.1.1			0.4.1.1	0.6.1.1	474.1.1	1.1.1	61.1.1	0.3.1.1	2.0.1.1																																							
1730.197	1085.697	0.5464	0.7033799	520.3973	1643.045	60.06116	0.3634697	2.0399	0.5171579	500.536121	1421.64137	0.33146078	2.00405567			0.4956468	0.7077809	475.415634	1242.09152	59.58767141	0.28443649	2.12983724																																							
1730.349	1085.849	0.5809	0.7071	526.5447	1643.283	59.1591	0.3806954	2.0433	0.5516878	506.30321	1422.11953	0.34871745	2.08106057			0.5290774	0.7115281	480.702945	1242.50496	57.79481533	0.29155027	2.13326263																																							
1730.502	1086.002	0.5731	0.7135796	531.3133	1636.634	58.51615	0.3815004	2.0417	0.5549155	511.3.1.1	1.1.1	0.3.1.1	2.0.1.1			0.5262.1.1	0.7.1.1	484.1.1	1.1.1	57.1.1	0.29.1.1	2.1.1																																							
1730.654	1086.154	0.7165952	534.4785	1668.574	1903.004	63.5514	0.2572		0.5111433	514.075546	1447.89259	0.32323097	2.01387552			0.4901948	0.7210826	488.275349	1265.02745	57.66688313	0.27728648	2.14373664																																							
1730.806	1086.306	0.6548	0.6898472	535.7312	1685.277	60.89441	0.3564889	2.0405	0.5156711	515.34.1.1	1464.8.1.1	0.3246.0.1.1	2.0.1.1			0.4945702	0.7103424	491.488.1.1	1293.8.1.1	57.2.1.1	0.29.1.1	2.1.1																																							
1730.959	1086.459	0.6573	0.6.1.1	536.1278	1683.249	60.60108	0.3.1.1	2.0.1.1	0.5421909	516.3.1.1	1.1.1	0.3.1.1	2.0.1.1			0.5197977	0.7.1.1	491.1.1	1.1.1	57.1.1	0.29.1.1	2.1.1																																							
1731.111	1086.611	0.6323	0.6338	537.3419	1715.7	64.3737	0.4075407	2.0491	0.6032636	516.396945	1495.74032	0.37571794	2.09364809			0.5785044	0.6377689	491.050148	1306.83214	62.88892687	0.32231288	2.13897111																																							
1731.264	1086.764	0.5945	0.5994506	537.9384	1746.002	65.28735	0.3920495	2.0369	0.5693542	517.61.638	1526.2838	0.36205789	2.0814054			0.5460207	0.5986763	491.6.1.1	1333.51805	63.73818503	0.30910354	2.12464343																																							
1731.416	1086.916	0.5849	0.5849138	538.1946	1771.084	66.42114	0.3844842	2.0277	0.5510826	518.0.1.1	1.1.1	0.3.1.1	2.0.1.1			0.4817756	0.5885.1.1	492.1.1	1.1.1	62.1.1	0.30.1.1	2.1.1																																							
1731.568	1087.068	0.5277	0.5912045	539.3701	1805.295	65.37103	0.3590015	2.0229	0.4983038	519.083177	1586.05637	0.32727178	2.06732068			0.4778879	0.5958239	493.031659	1385.7415	63.86360077	0.28075292	2.11207377																																							
1731.721	1087.221	0.576	0.5949339	539.9666	1825.041	64.23232	0.3850992	2.0192	0.5470038	519.09098	1613.4.1.1	0.3.1.1	2.0.1.1			0.5246183	0.5981685	493.661068	1403.20441	62.83907705	0.30113346	2.10825009																																							
1731.873	1087.373	0.5966	0.5913258	539.1298	1842.42	64.6771	0.3826737	2.0231	0.5574563	519.0.1.1	1.1.1	0.3.1.1	2.0.1.1			0.5544401	0.5977.1.1	493.1.1	1.1.1	63.1.1	0.30.1.1	2.1.1																																							
1732.026	1087.526	0.5771	0.5721815	538.9526	1843.95	65.68098	0.3864634	2.0166	0.5481.1.1	518.7.2.81	1625.4.3.33	0.35482691	2.06089301			0.5252706	0.5757642	492.090128	1420.14523	64.16604034	0.30419132	2.10590695																																							
1732.178	1087.678	0.5794	0.5593101	538.7736	1872.821	68.71387	0.3817015	2.0385	0.5505231	518.364102	1654.54875	0.35459594	2.0762504			0.5272959	0.5623142	492.338376	1462.53475	66.21129516	0.31039546	2.1074048																																							
1732.33	1087.83	0.5982	0.5761638	539.3705	1873.084	68.24995	0.3811183	2.0377	0.5540.1.1	520.9.1.1	1.1.1	0.3.1.1	2.0.1.1			0.5405157	0.5.1.1	493.1.1	1.1.1	67.1.1	0.30.1.1	2.1.1																																							
1732.483	1087.983	0.5588	0.5441841	540.2052	1956.234	72.69418	0.3946884	2.0096	0.5599775	520.034.1	1738.41698	0.3631449	2.09376563			0.5370762	0.547759	493.935152	1518.85935	71.01788319	0.31152699	2.09822528																																							
1732.635	1088.135	0.5661	0.5586	540.8017	1968.026	70.7906	0.3831602	2.0081	0.5575705	520.0.1.1	1760.4.1.1	0.3.1.1	2.0.1.1			0.5314736	0.5629087	494.520.1.1	1538.2.1.1	69.1.1	0.31.1.1	2.0.1.1																																							
1732.788	1088.288	0.5354	0.5737476	538.4017	1968.138	73.03615	0.3965	2.0069	0.5549155	519.1.1.1	1.1.1	0.3.1.1	2.0.1.1			0.5216216	0.5.1.1	493.1.1	1.1.1	71.1.1	0.31.1.1	2.0.1.1																																							
1732.94	1088.44	0.5593	0.581826	540.921	1946.434	68.83543	0.3938059	2.0213	0.5564761	520.2.1.1	1.1.1	0.3.1.1	2.0.1.1			0.5349879	0.5.1.1	493.1.1	1.1.1	67.1.1	0.30.1.1	2.1.1																																							
1733.092	1088.592	0.5617	0.5910761	541.2789	1923.051	67.97187	0.3771637	2.0243	0.5346289	521.3.1.1	1.1.1	0.3.1.1	2.0.1.1			0.5130629	0.5947775	495.028183	1467.70219	65.60446164	0.29639955	2.11307011																																							
1733.245	1088.745	0.5704	0.5622676	541.1597	1880.699	67.3736	0.3939028	2.0349	0.5507367	521.2.1.1	1.1.1	0.3.1.1	2.0.1.1			0.5177874	0.5.1.1	494.1.1	1.1.1	66.1.1	0.30.1.1	2.1.1																																							
1733.397	1088.897	0.4158	0.5482	540.2053	1863.28	68.874	0.3092662	2.0214	0.387.1445	520.150491	1646.92027	0.27790862	2.06531093			0.3712779	0.5516329	495.094507	1438.91844	67.28573916	0.23840631	2.1100205																																							
1733.55	1089.05	0.4455	0.54571	538.0579	1858.268	70.223	0.3221126	2.02	0.4177274	518.02.0.58	1626.2.1.48	0.2978614	2.0638683			0.4001718	0.5491273	492.022438	1434.74942	68.60363863	0.2494534	2.10856664																																							
1733.702	1089.202	0.5056	0.5603768	539.3104	1842.766	68.4855	0.3818466	2.0227	0.4770002	518.4.0.48	1612.8.0.57	0.3257.0.1.1	2.0.1.1			0.4574598	0.5.1.1	493.1.1	1.1.1	67.1.1	0.30.1.1	2.1.1																																							
1733.854	1089.354	0.5994	0.5639971	535.1945	1876.878	69.07432	0.3950518	2.028	0.5708275	515.197672	1661.23589	0.36378715	2.0717836			0.5474233	0.5675289	489.341158	1451.42604	67.48434963	0.31207795	2.11663329																																							
1734.007	1089.507	0.6193	0.5622048	535.791	1884.491	69.83737	0.4027098	2.04	0.5090758	515.81352	1669.589	0.37147626	2.0817497			0.5565454	0.5657349	489.921617	1458.72417	68.22084873	0.31807411	2.12884952																																							
1734.159	1089.659	0.5988	0.5.1.1	536.8737	1881.138	70.3826	0.3.1.1	2.0469	0.5702.1.1	516.3.1.1	1675.5.1.1	0.3.1.1	2.0.1.1			0.5.1.1	0.5.1.1	490.1.1	1.1.1	68.1.1	0.30.1.1	2.1.1																																							
1734.312	1089.812	0.5658.896	540.1454	1887.617	69.32006	0.3798744	2.045		0.5517157	520.206673	1672.6934	0.34870286	2.08165601			0.5290041	0.5721502.1	494.0.987.7	1461.4165	67.72157077	0.29913775	2.13387095																																							
1734.464	1089.964	0.5784	0.5686	542.1736	1876.88	71.0502	0.3803796	2.0398	0.5495932	522.224135	1662.19471	0.34923895	2.08134367			0.5274009	0.5721509	496.044393	1452.26376	69.41181703	0.29955765	2.12851513																																							
1734.616	1090.116	0.589	0.5690139	543.7245	1854.54	70.3873	0.3933989	2.0387	0.5505707	523.2.1.1	1.1.1	0.3.1.1	2.0.1.1			0.5373928	0.5.1.1	497.1.1	1.1.1	68.1.1	0.30.1.1	2.1.1																																							
1734.769	1090.269	0.5841	0.5670962	544.3808	1901.097	70.3021	0.3886629	2.0217	0.555695	524.50042	1686.88966	0.35758424	2.06522871			0.5329258	0.5706478	498.176664	1473.8398	68.48355742	0.30675672	2.10991651																																							
1734.921	1090.421	0.5686	0.5665	544.2038	1920.104	68.3477	0.3877364	2.0209	0.5308224	525.340733	1674.20374	0.34966862	2.06438107			0.5180727	0.5749273	498.022499	1468.80392	66.57624118	0.29996624	2.10907594																																							
1735.074	1090.574	0.5446	0.5593186	542.1282	1927.463	69.69617	0.3875.1.1	2.0225	0.5162908	525.2.1.1	1.1.1	0.3.1.1	2.0.1.1			0.4990928	0.5.1.1	498.2.1.1	1.1.1	68.1.1	0.30.1.1	2.1.1																																							
1735.226	1090.726	0.5577	0.5430129	540.9808	1923.408	71.88154	0.3782729	2.0092	0.5287782	522.151.8004	1709.9.3.24	0.34728709	2.05260143			0.5071074	0.5464133	496.050235	1493.95818	70.23081961	0.29792323	2.09703587																																							
1735.378	1090.878	0.5412	0.5319981	539.1912	1909.927	71.66444	0.3722986	2.0026	0.5129036	519.3878.81	1686.07619	0.34134367	2.0459391			0.4919853	0.5353279	493.13088	1482.31876	70.01139068	0.29282461	2.0903475																																							
1735.531	1091.031	0.5299	0.5.2964	538.1116	1875.53	69.40319	0.3.1.1	2.0389	0.5568408	522.3.1.1	1.1.1	0.3.1.1	2.0.1.1			0.5140033	0.5.1.1	497.1.1	1.1.1	67.1.1	0.30.1.1	2.1.1																																							
1735.683	1091.183	0.5535	0.5728	538.1771	1884.754	67.9739	0.3790934	2.0007	0.5252682	518.41226	1671.97714	0.34820043	2.04397417			0.5037467	0.531.1052	492.394433	1460.81807	66.40464496	0.29870674	2.0882185																																							
1735.836	1091.336	0.5368	0.5232828	538.2993	1879.266	68.78913	0.3520147	2.0124	0.4778879	518.551061	1666.72833	0.3211798	2.0556316			0.4980407	0.5354582	492.502509	1456.62448	67.25702686	0.29725686	2.1001316																																							
1735.988	1091.488	0.4914	0.5146027	538.1174	1877.107	69.79477	0.3518021	2.0237	0







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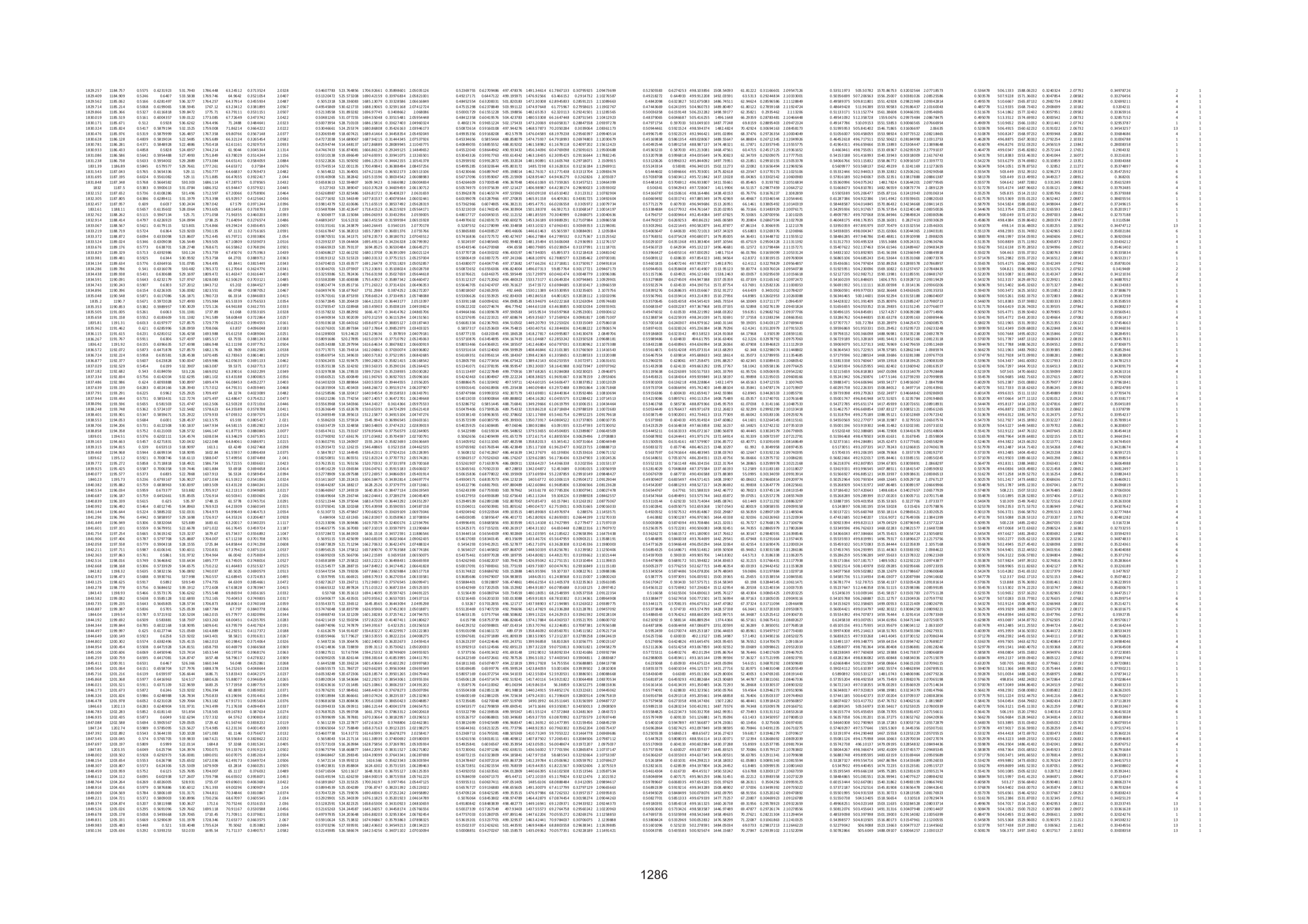

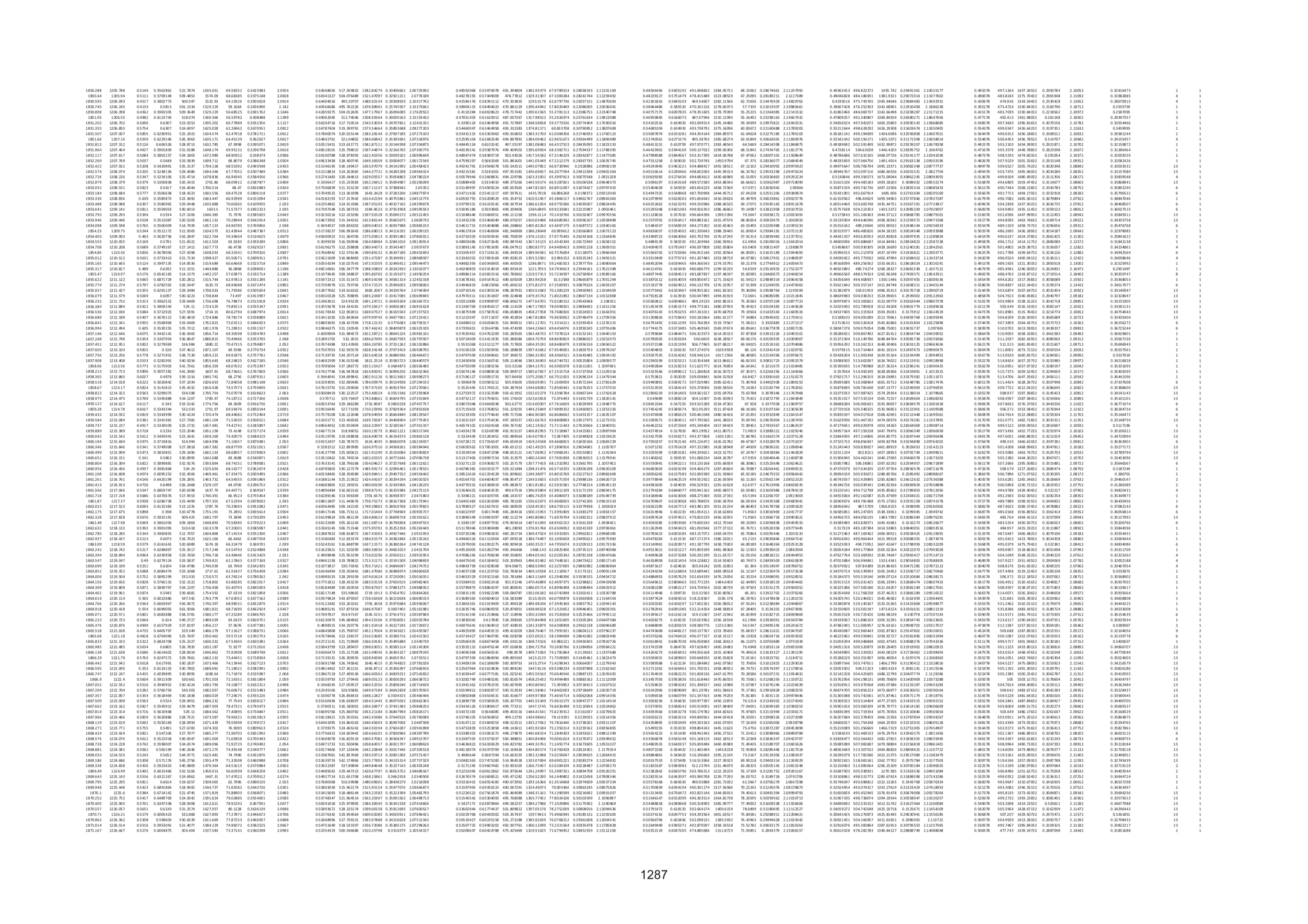

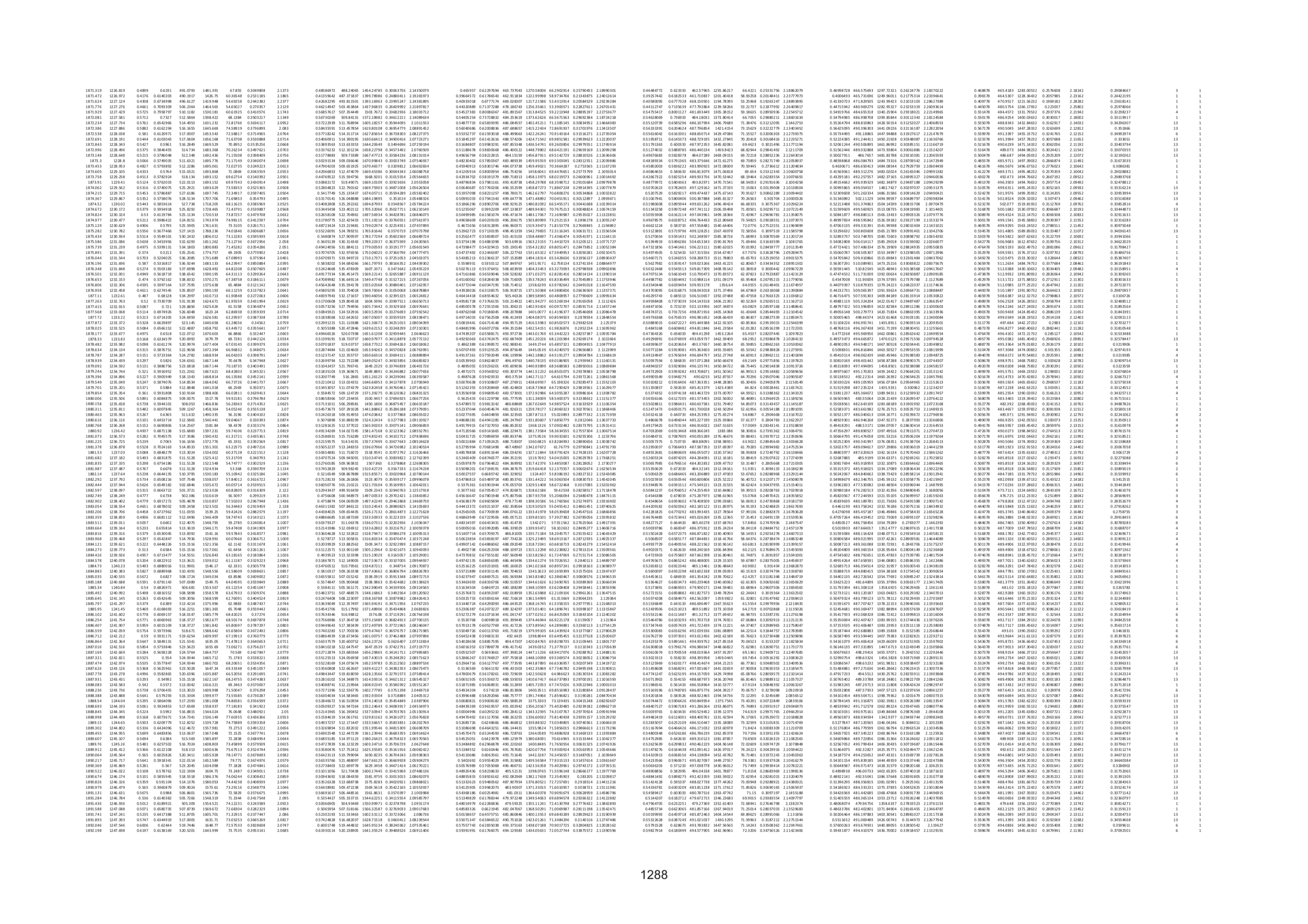



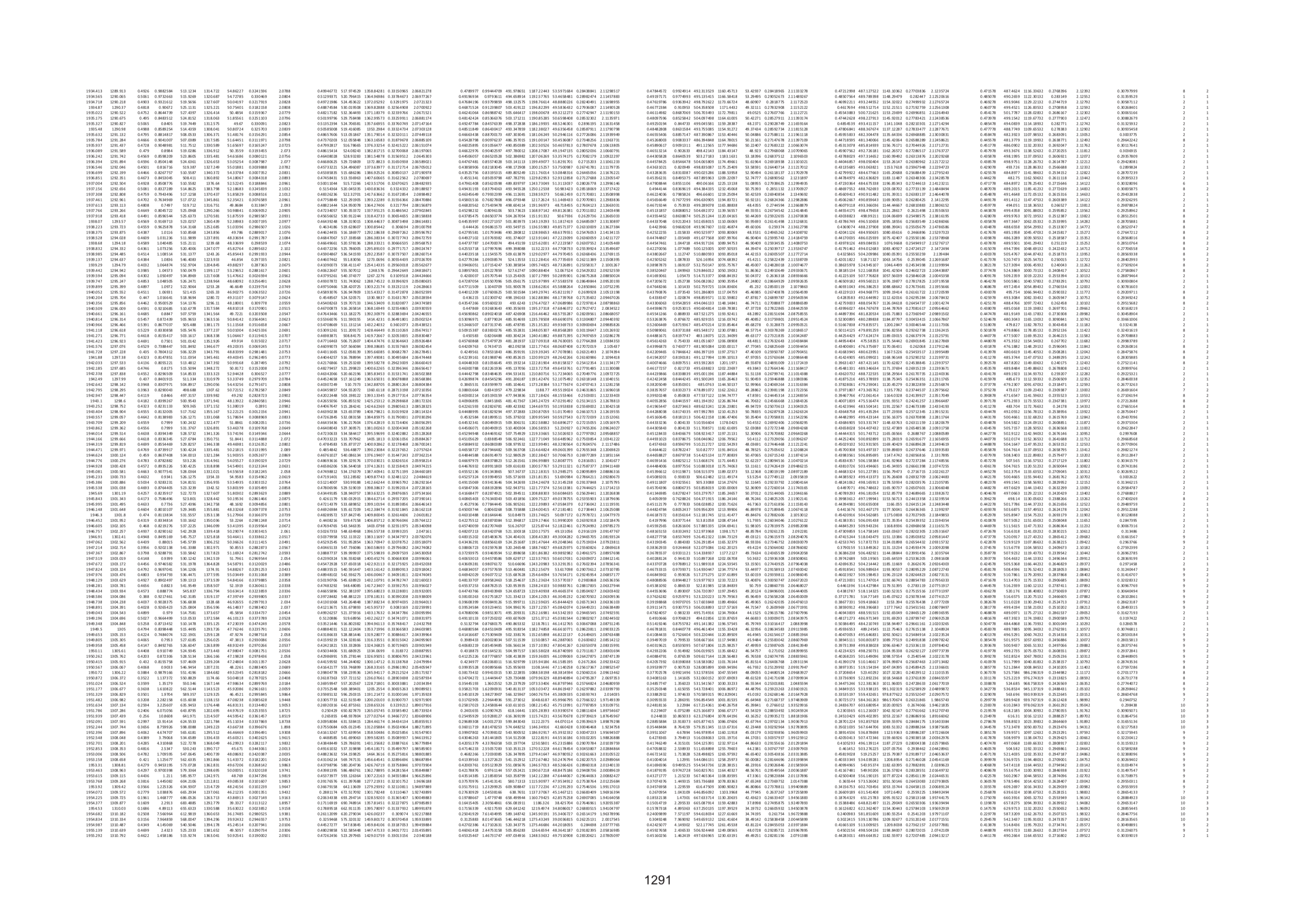

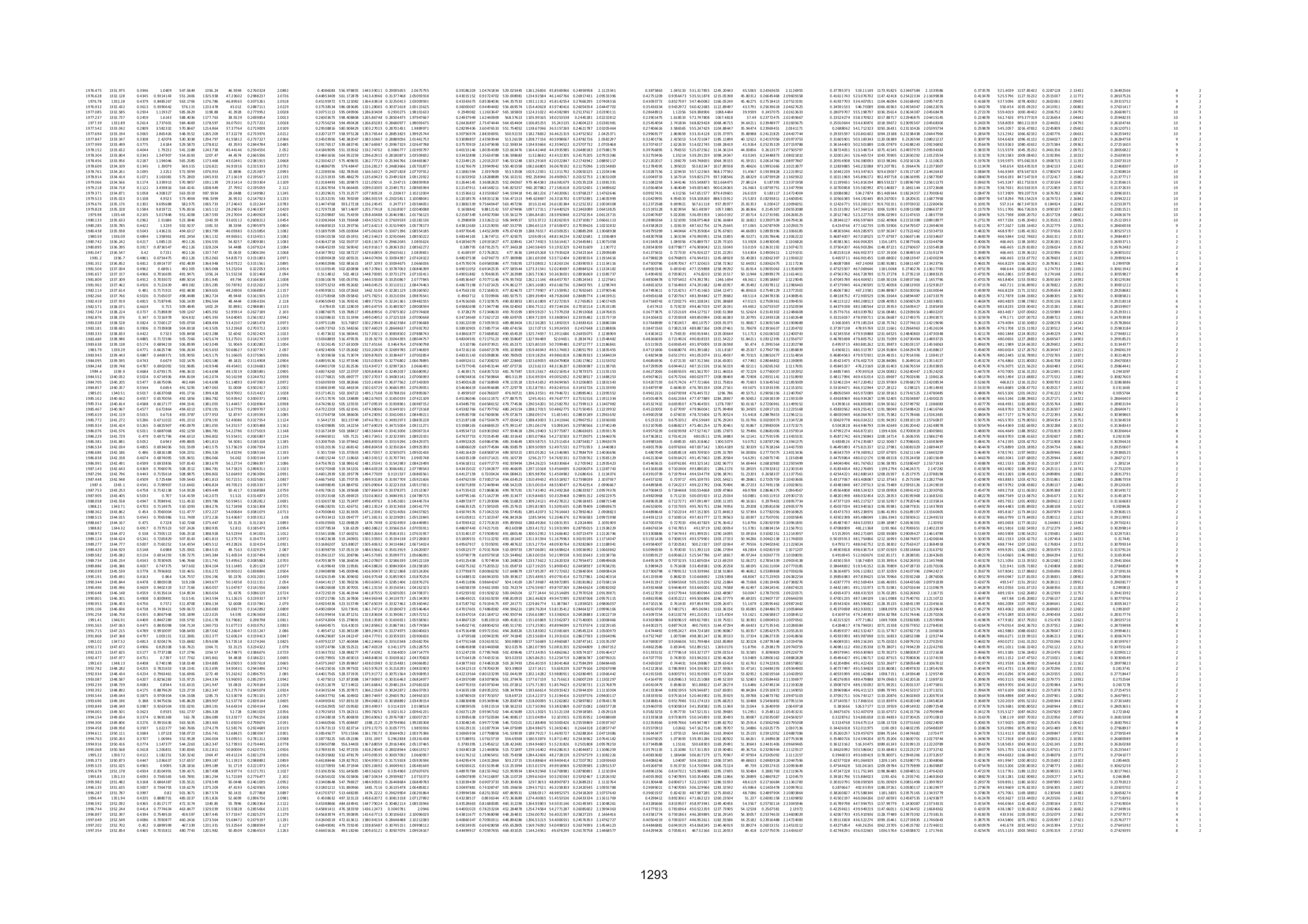

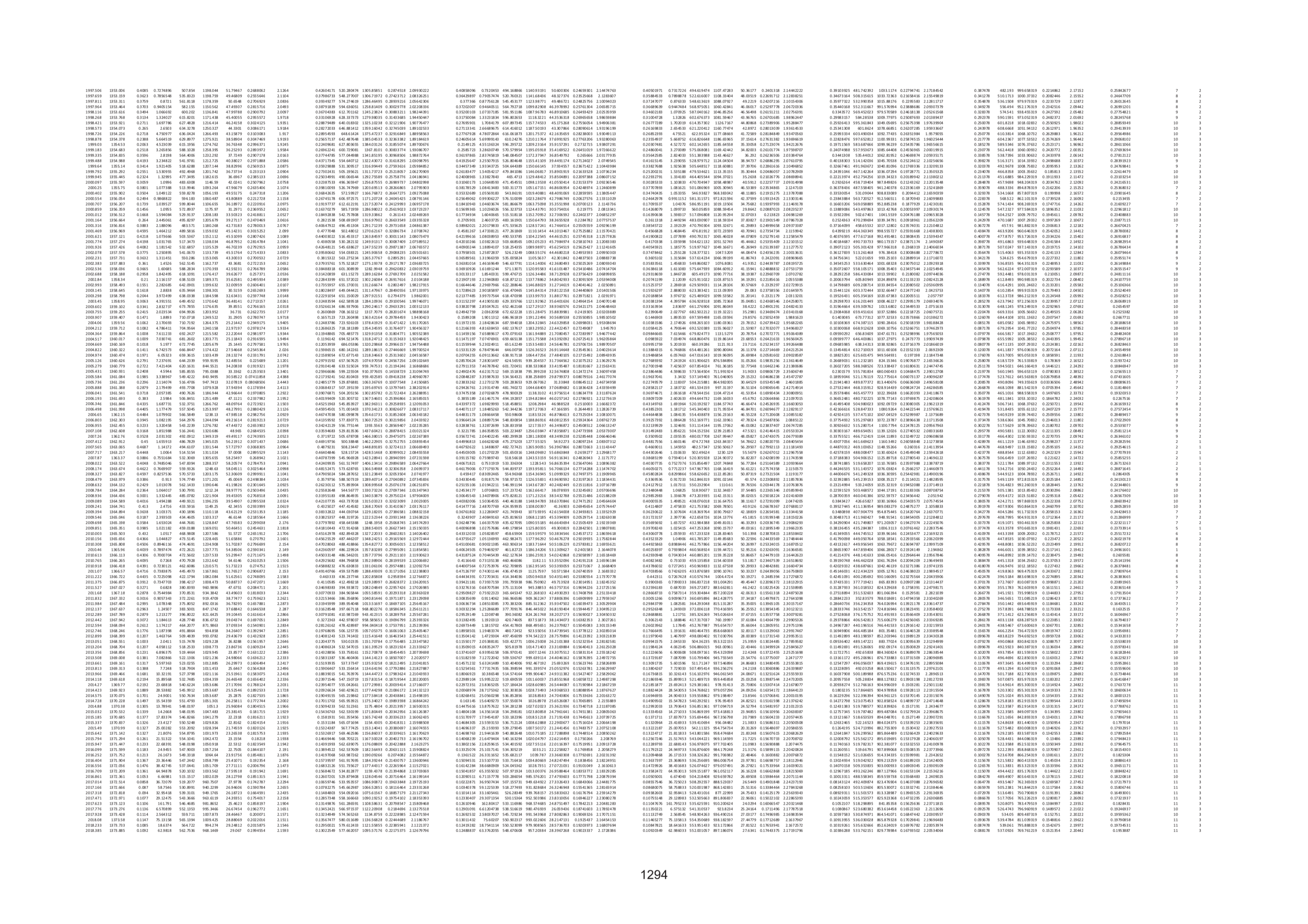

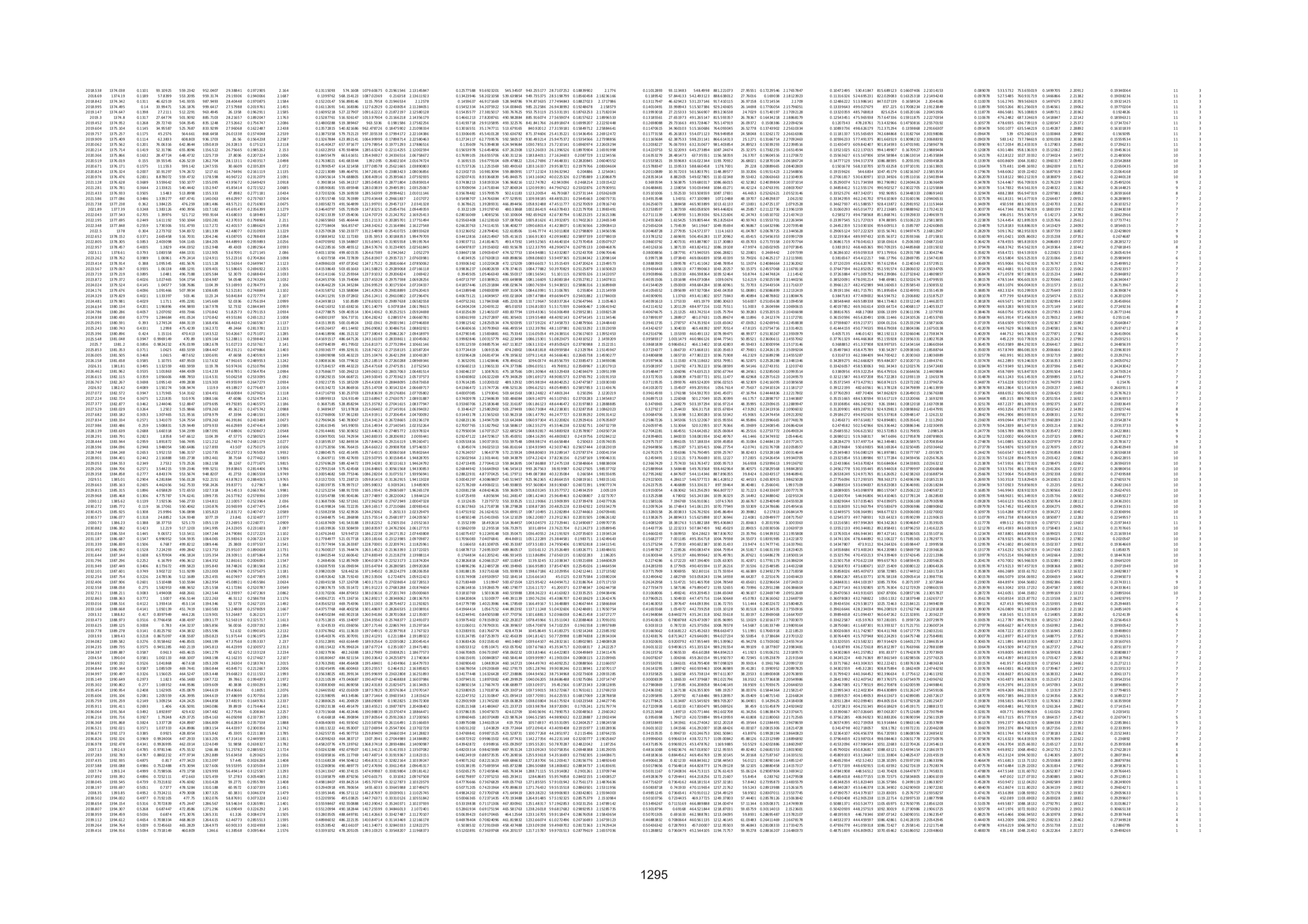

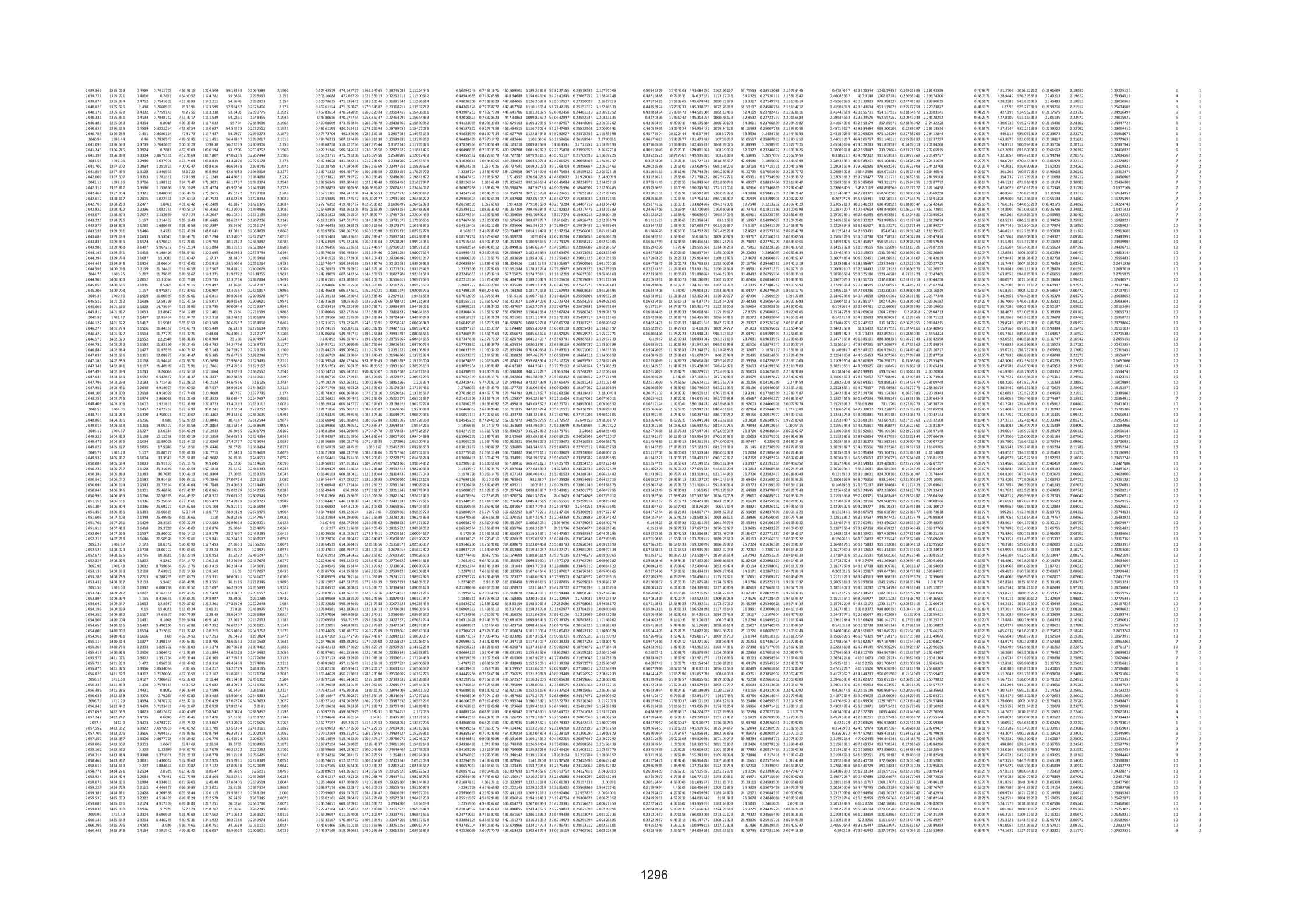

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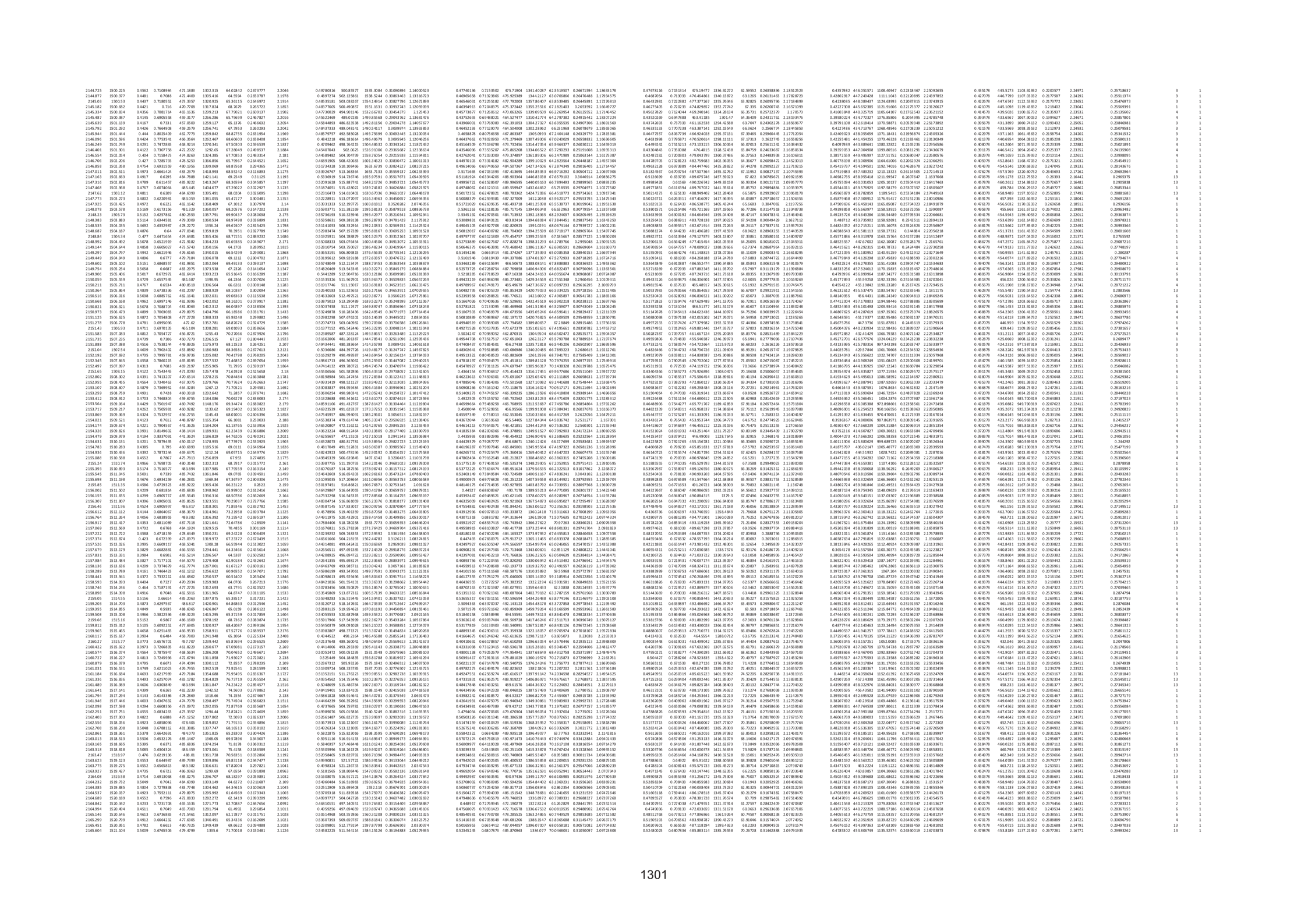

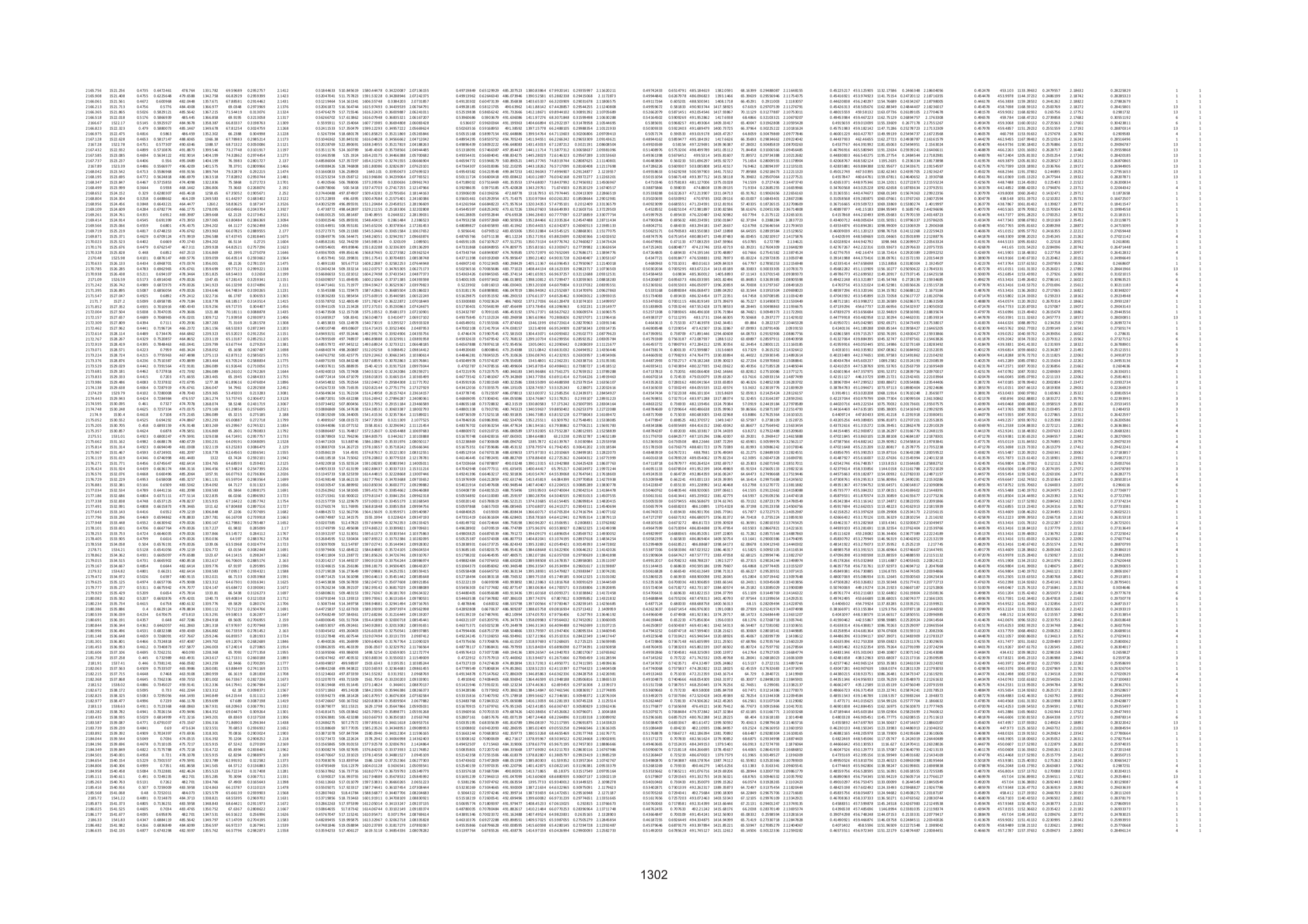

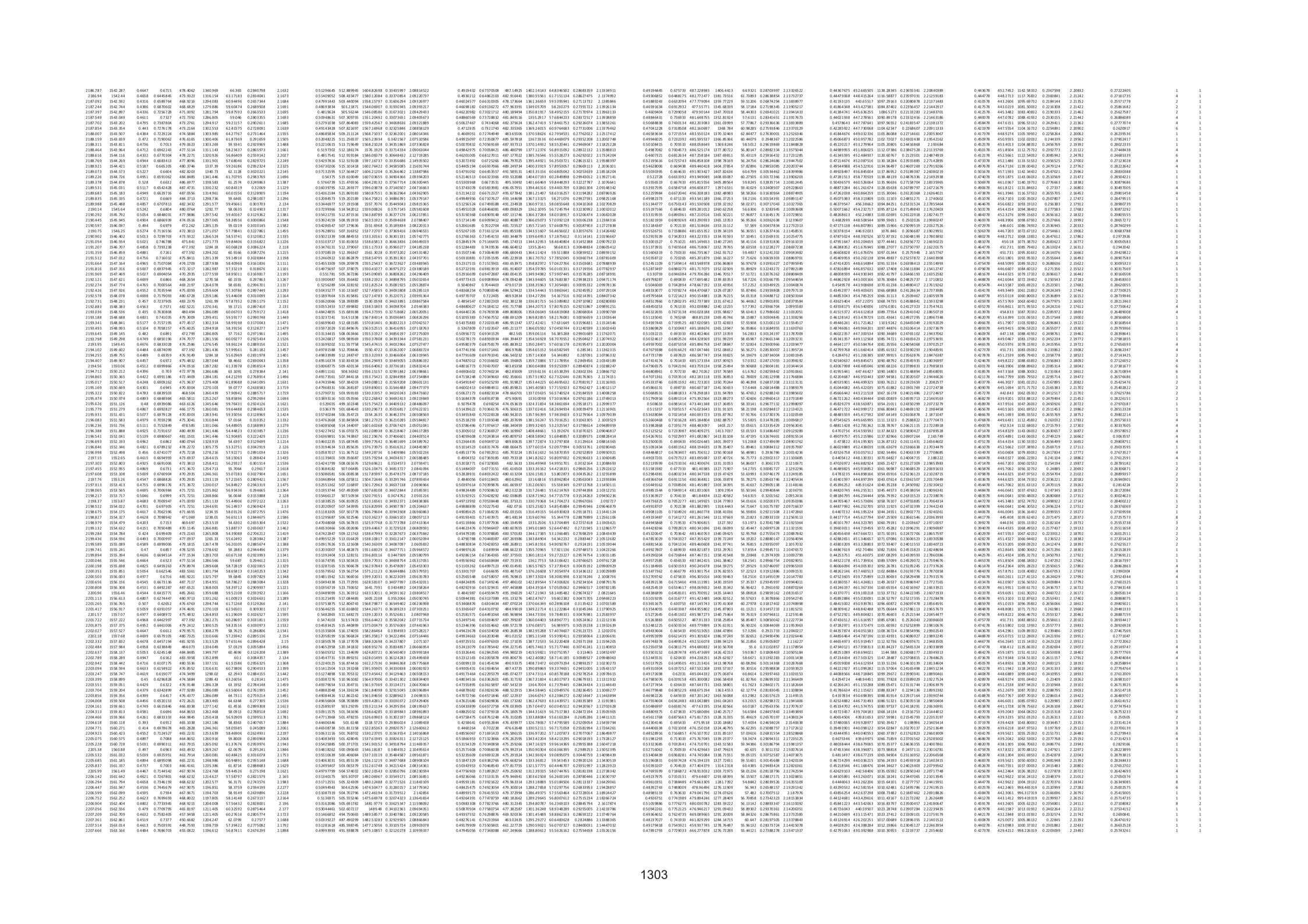

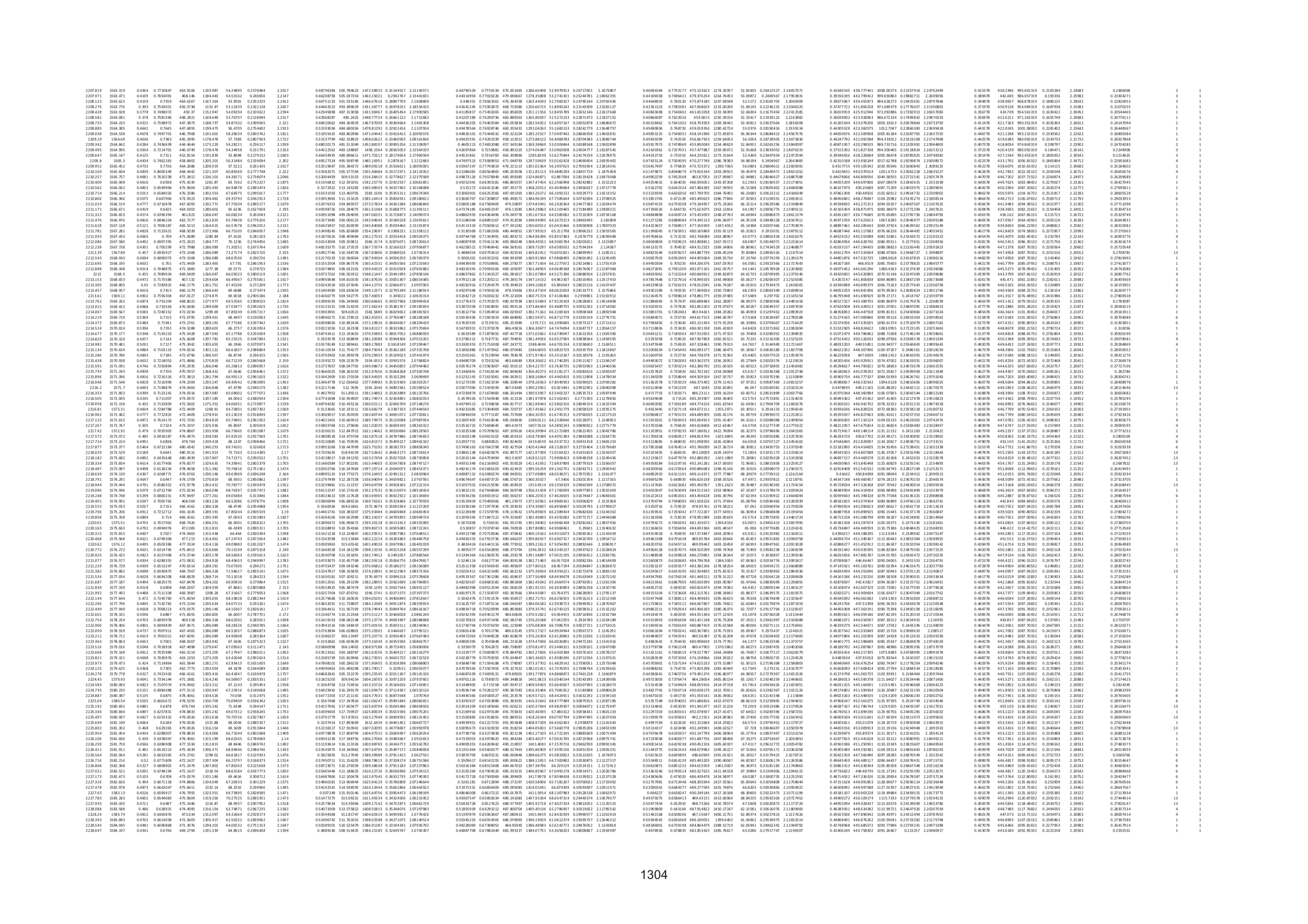

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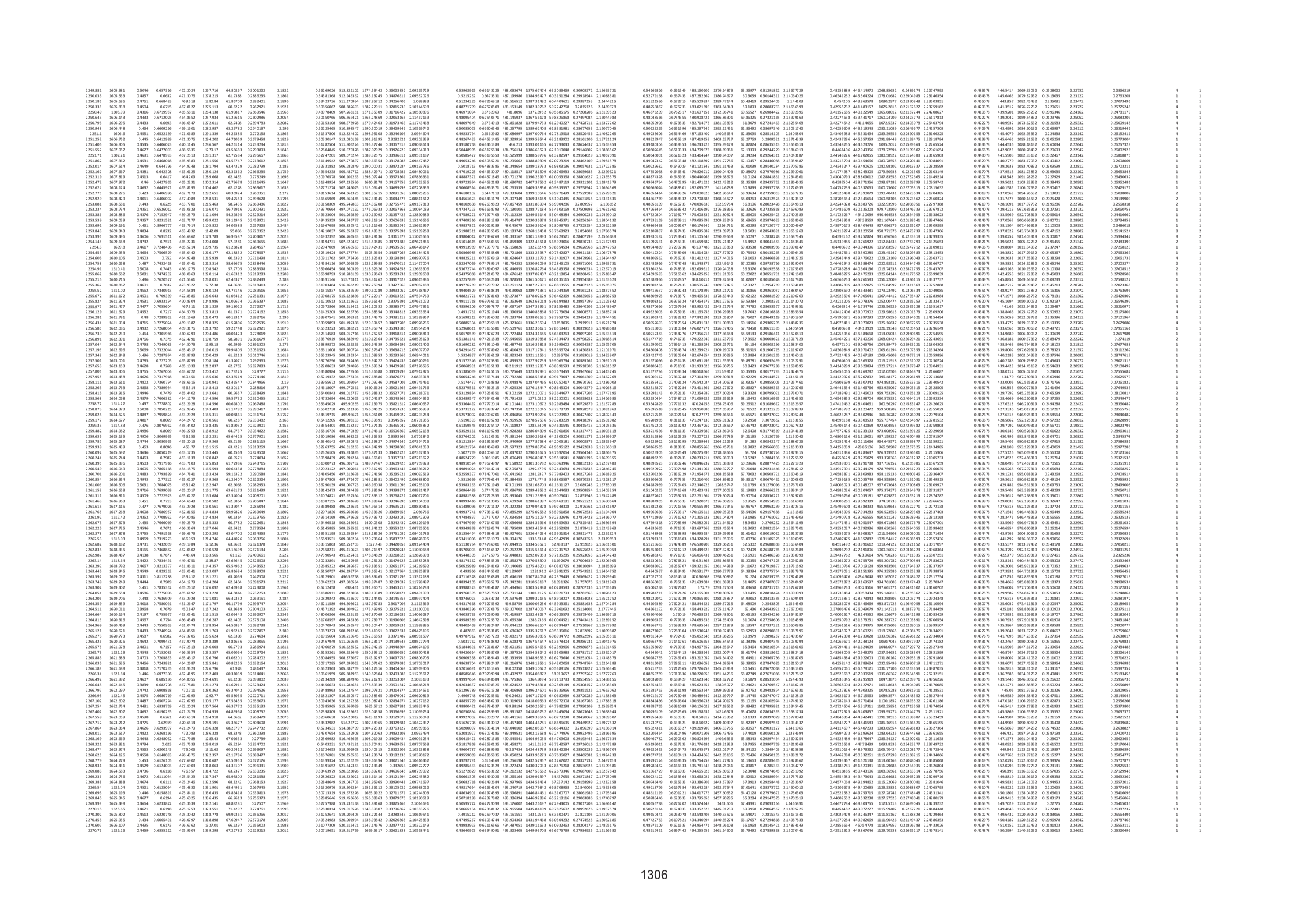

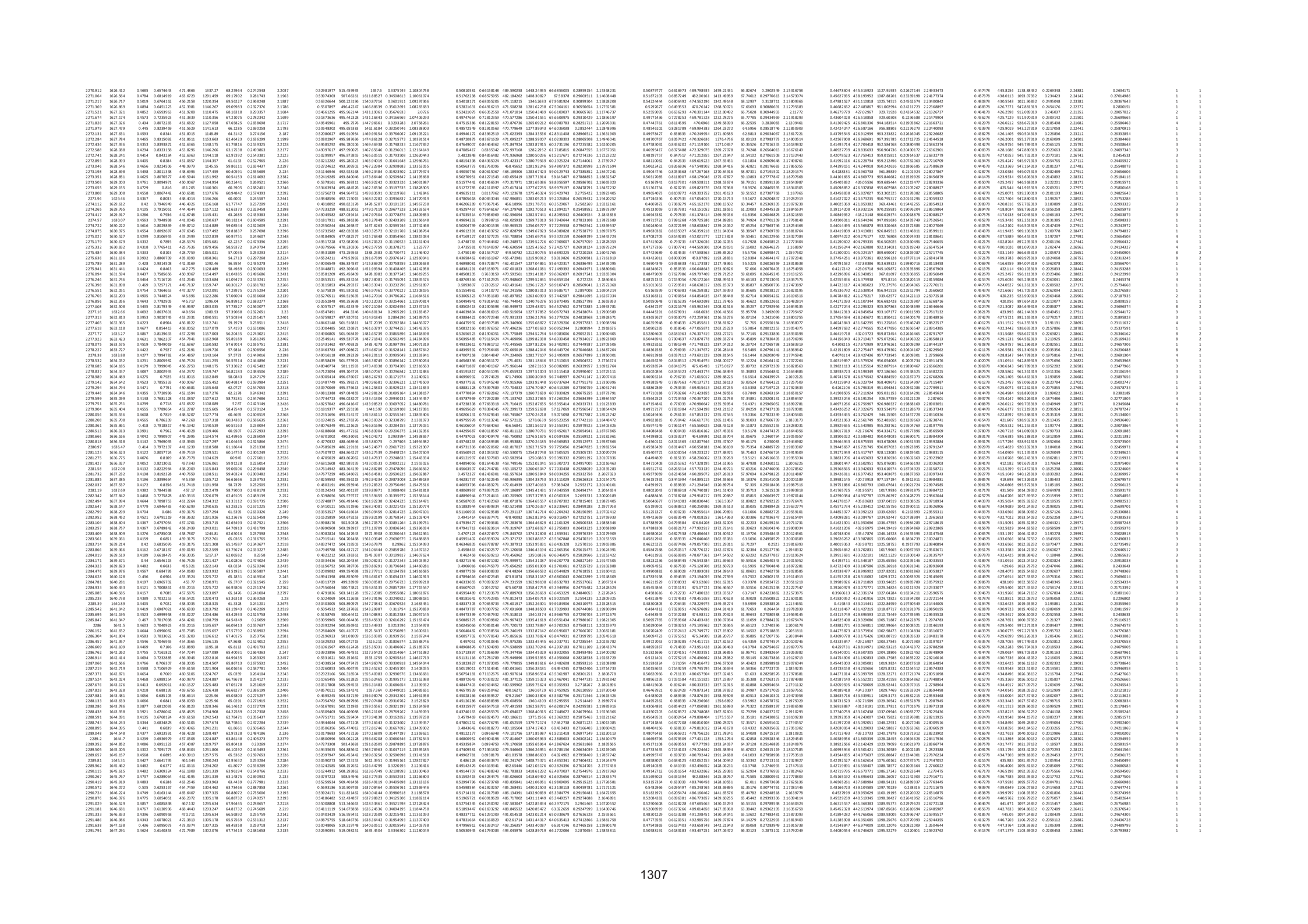

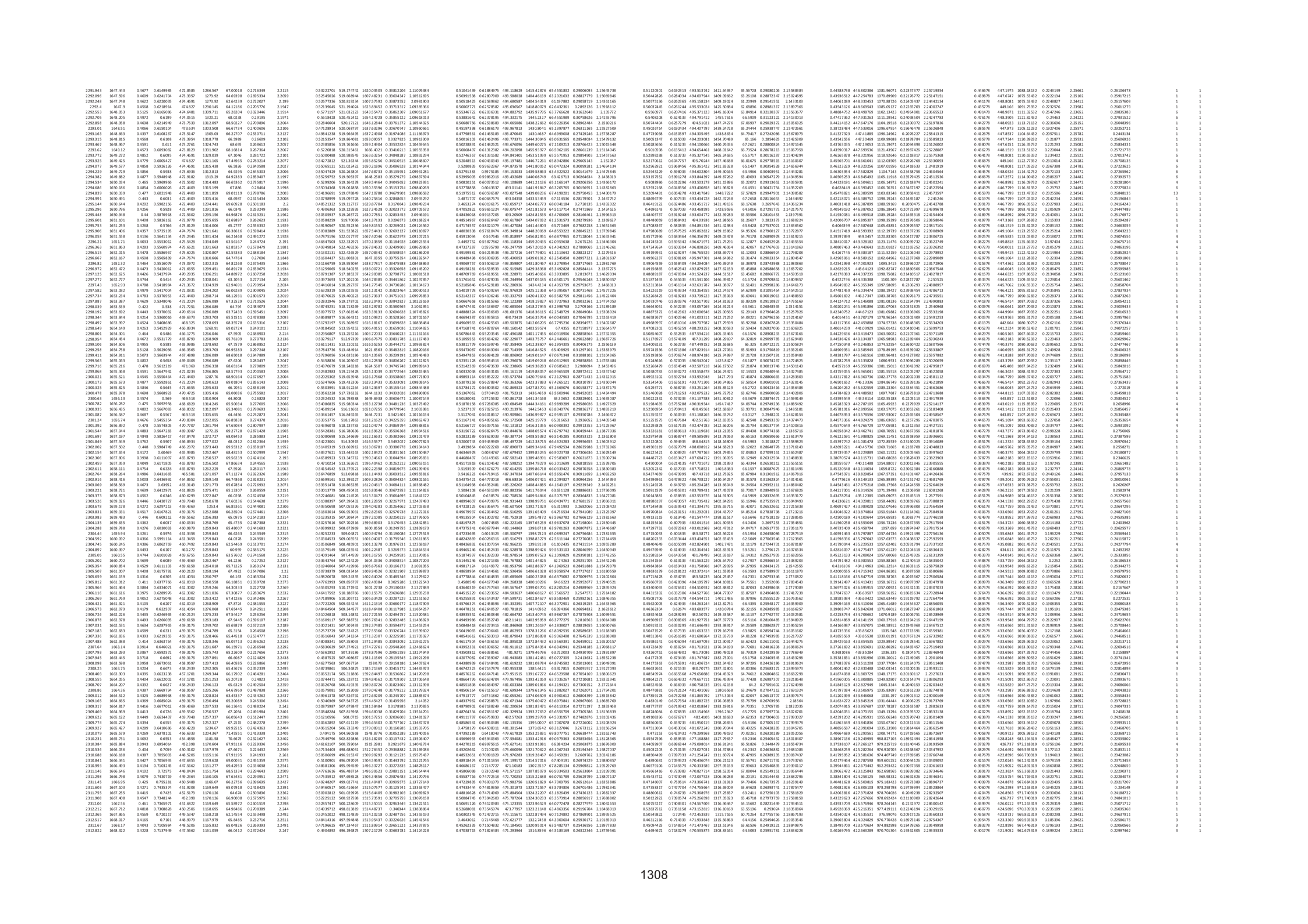

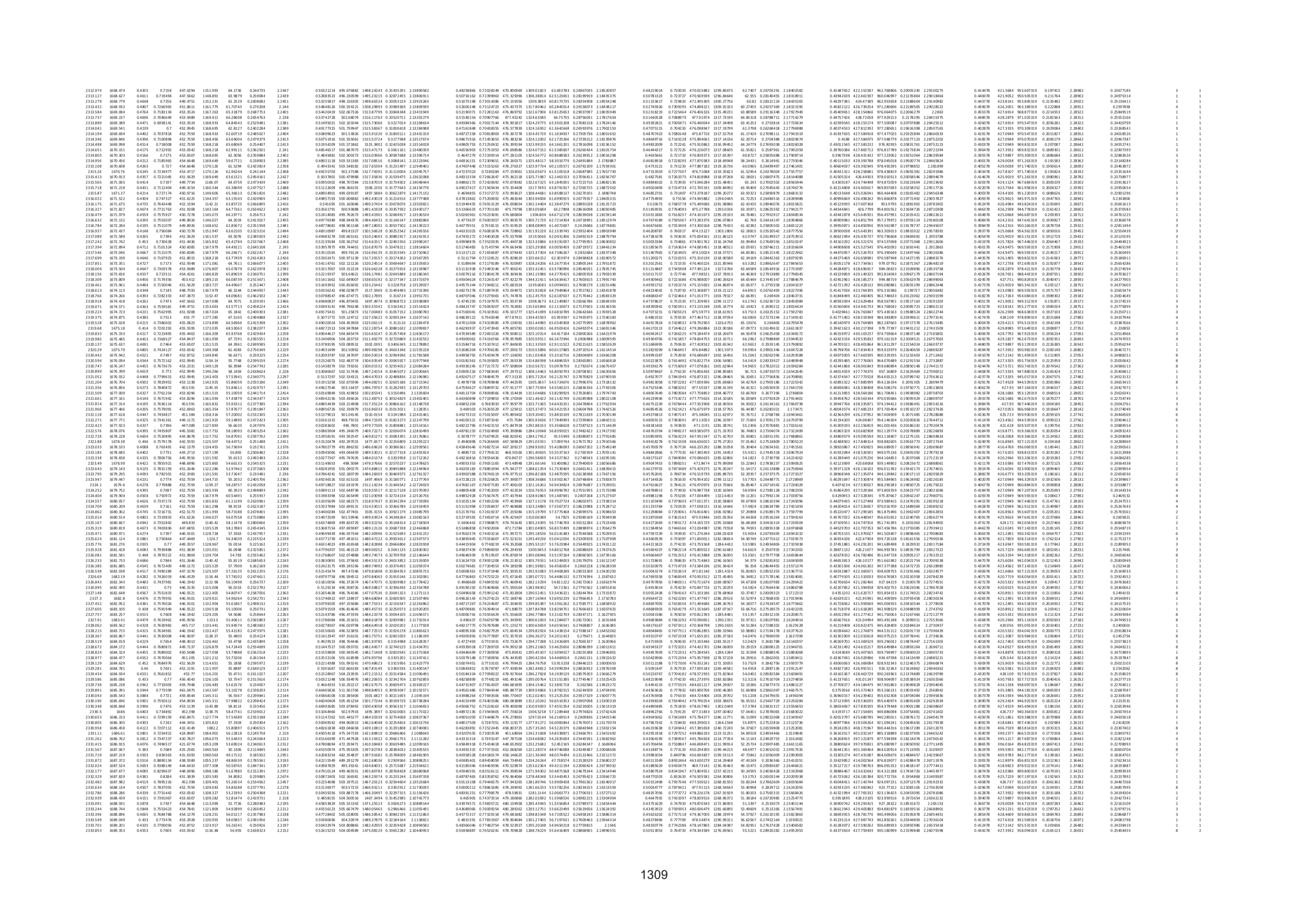

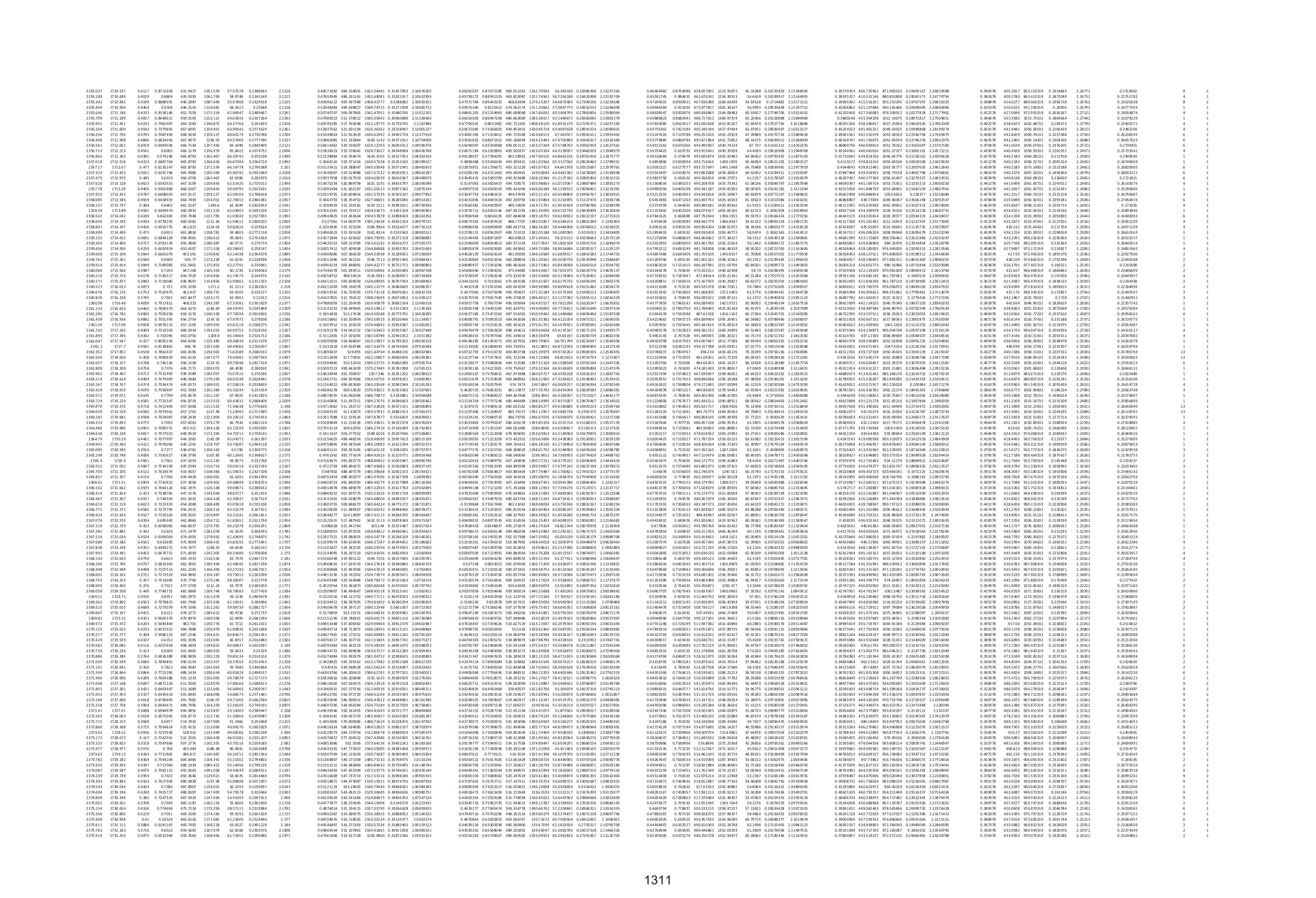

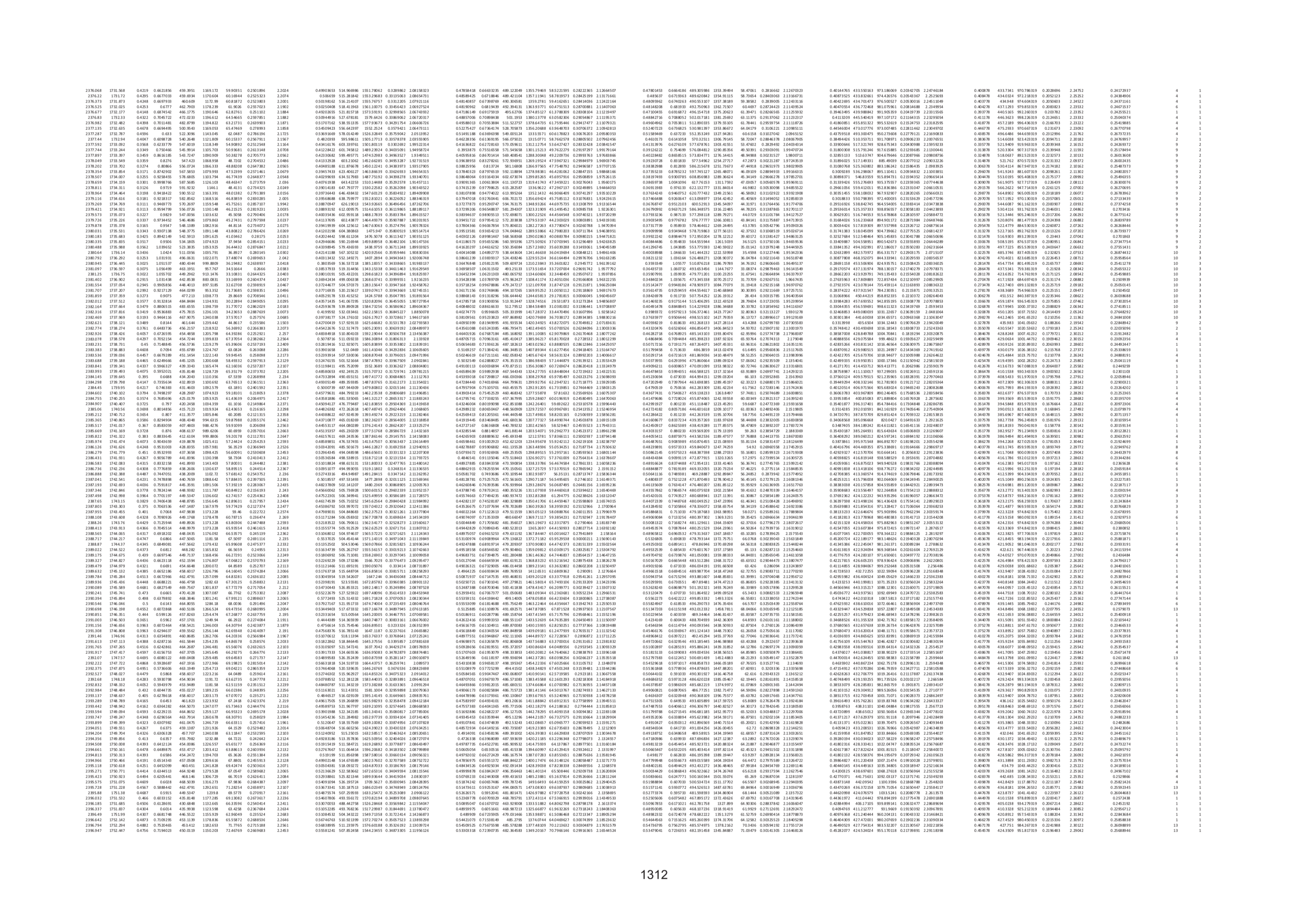

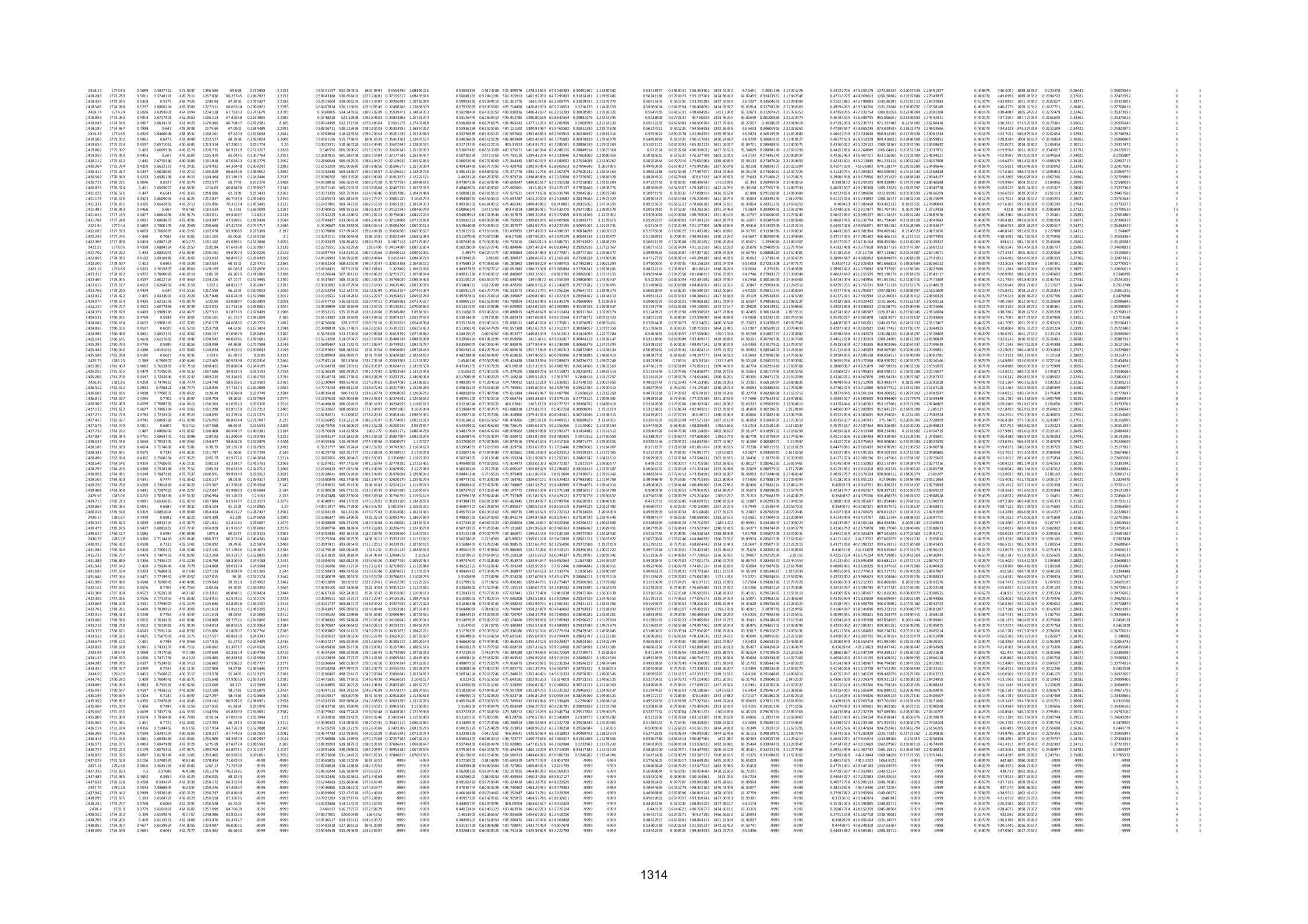

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IPSOM report: Facies_13silt_detrend_hfactor_USE_v4

Generated by a7914903 [2010-10-12 15:16:09]

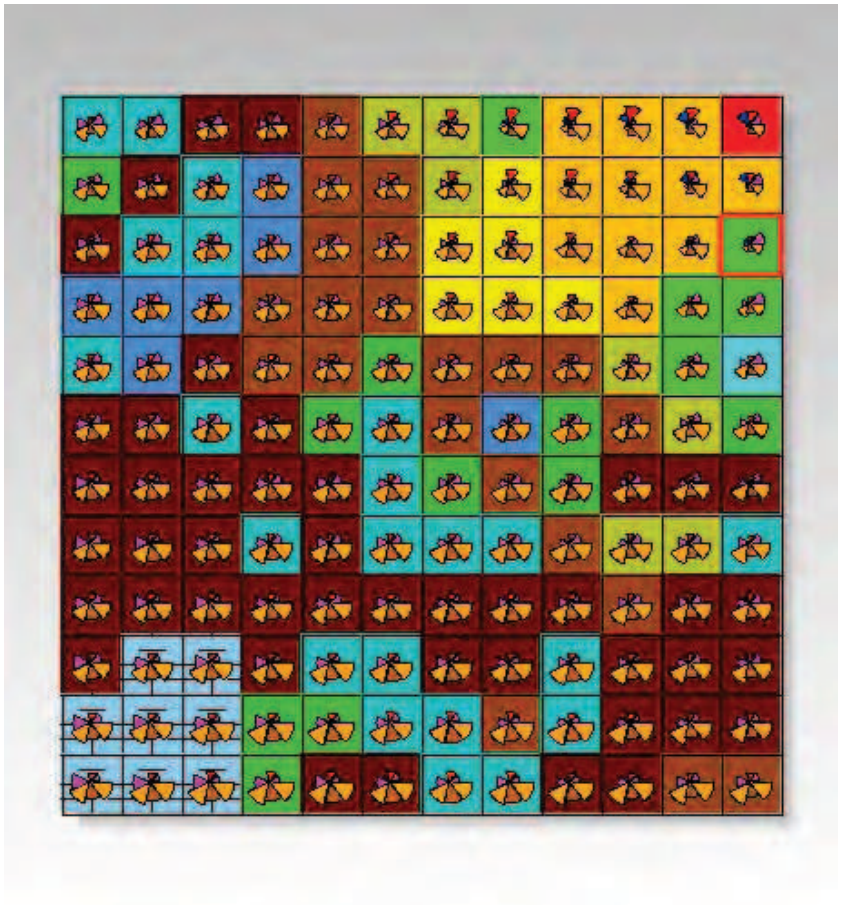
1) Workflow parameters

Inputs properties								
	Variable	Weight	Transformation	Norm Min	Norm Max	Unit	Color	Activate
1	Bulk Density	1	Linear	1.791626	2.651566	g/cm3		yes
2	Compressional Slowness	1	Linear	330.0019	789.206	us/ft		yes
3	Deep Resistivity	1	Logarithmic	0.4607542	1099.56	ohm.m		yes
4	Gamma Ray	2	Linear	20.80927	117.037	gAPI		yes
5	Neutron Porosity	1	Linear	0.03664001	0.6616769	v/v		yes
6	Shear Slowness	1	Linear	355.8517	2007.124	us/ft		yes
7	Porosity	1	Linear	-0.03497039	0.3753988	v/v		yes

Indexation properties						
	Supervised	Supervised methods	Unsupervised methods	HC method	Weighting Fact	Class number
1	yes	quantitative classification	Hierarchical Clustering (HC)	Ward	1.3	4

2) Main plots

Self organizing map (Dimension 12*12)



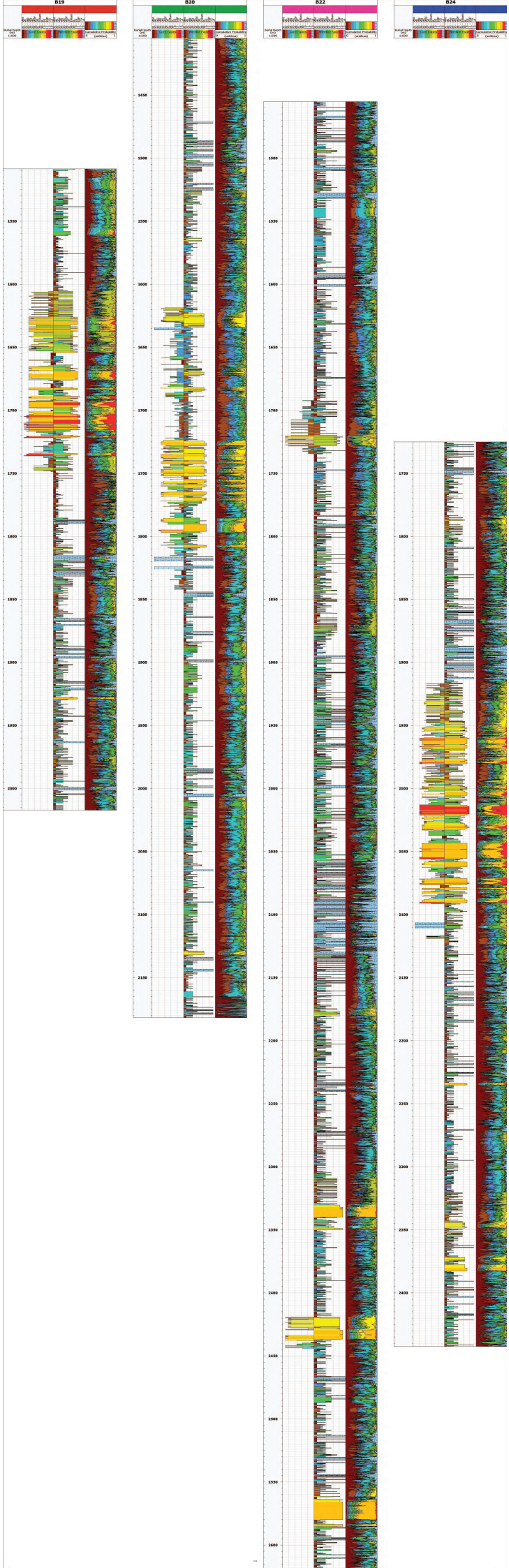
3) Statistics

Variables classification			
	Variable	**Correlation**	**Information**
1	Gamma Ray	0.8405719	0.2084535
2	Neutron Porosity	0.749385	0.18584
3	Deep Resistivity	0.7128505	0.1767798
4	Shear Slowness	0.5542465	0.1374476
5	Bulk Density	0.4370647	0.1083877
6	Porosity	0.430683	0.1068051
7	Compressional Slowness	0.3076186	0.07628634

4) Input and zonation data

Input data				
Use	yes	yes	yes	yes
Group				
Well	B19	B20	B22	B24
Dataset	Ipsom_B19	Ipsom_B20	Ipsom_B22	Ipsom_B24
Bulk Density	RHOZ_detrend	RHOZ_detrend_hfactor	RHOZ_detrend_hfactor	RHOZ_detrend_hfactor
Compressional Slowness	DTCO_detrend	DTCO_detrend_hfactor	DTCO_detrend_hfactor	DTCO_detrend_hfactor
Deep Resistivity	AT90	AT90	AT90	AT90
Gamma Ray	HSGR	HSGR	HSGR	HSGR
Neutron Porosity	APLC_detrend	APLC_detrend_hfactor	APLC_detrend_hfactor	APLC_detrend_hfactor
Shear Slowness	DTSM_detrend	DTSM_detrend_hfactor	DTSM_detrend_hfactor	DTSM_detrend_hfactor
Porosity	PHI_use_detrend	PHI_use_detrend_hfactor	PHI_use_detrend_hfactor	PHI_use_detrend_hfactor
Lithology	Facies_13silt	Facies_13silt	Facies_13silt	Facies_13silt
DataSetType	Learn/Index	Learn/Index	Learn/Index	Learn/Index

Zonation									
	Group	**Well**	**Dataset**	**Zone**	**Top**	**Bottom**	**Unit**	**Top zone delta**	**Bottom zone delta**
1	B19	B19	Ipsom_B19	ALL	1508.455	2017.166	m		
2	B20	B20	Ipsom_B20	ALL	1405.016	2181.799	m		
3	B22	B22	Ipsom_B22	ALL	1455.115	2618.841	m		
4	B24	B24	Ipsom_B24	ALL	1725.015	2442.514	m		


B19
B20
B22
B24
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250
2300
2350
2400
2450
2500
2550
2600

Well B19: mudlog data

MDRT_unshifted	Burial Depth_unshifted	MDRT	Burial Depth	P_mudlog	Pump Pressure	Fluid Temperature	ROP_ave	Vcut_ave	Vflow_ave	Hole Diameter	TG GC equiv	(calibrated total gas concentrations) TG GC norm_ave	TG GC norm_ave	TG GCnorm
m	m	m	m	MPa	MPa	°C	m/hr	m3/min	m3/min	in	ppmv	ppmv	vol.% scaled	mol/m³ scaled
1200	532	-9999	-9999	12.43216	15.75243	48	56.558	0.149454	2.868576	17.5	1405	3277.187	2.62175	55.6064
1201	533	-9999	-9999	12.44252	15.89722	48	58.532	0.150724	2.864791	17.5	1410	3265.46	2.612368	55.91671
1202	534	-9999	-9999	12.45289	15.95927	48	53.535	0.143708	2.863655	17.5	1415	3438.392	2.750714	59.10776
1203	535	-9999	-9999	12.46325	20.97176	48	55.526	0.139118	3.398154	17.5	1420	3003.736	2.402989	67.85358
1204	536	-9999	-9999	12.47361	25.19135	48	42.077	0.101273	3.827039	17.5	1430	3689.616	2.951693	100.1172
1205	537	-9999	-9999	12.48397	25.10172	48	7.451	0.050513	3.829689	17.5	1440	7443.75	5.955	201.2664
1206	538	-9999	-9999	12.49433	25.08793	48	43.481	0.092281	3.808491	17.5	1473	4191.214	3.352971	113.2611
1207	539	-9999	-9999	12.50469	25.14998	48	29.374	0.083981	3.81644	17.5	1473	4595.815	3.676652	124.502
1208	540	-9999	-9999	12.51505	25.1293	48	30.818	0.081833	3.816819	17.5	1470	4706.412	3.76513	127.3932
1209	541	-9999	-9999	12.52541	25.15688	48	34.242	0.083038	3.815683	17.5	1480	4671.006	3.736805	126.5736
1210	542	-9999	-9999	12.53577	25.05346	48	21.856	0.062238	3.81909	17.5	1475	6205.467	4.964373	167.4627
1211	543	-9999	-9999	12.54613	25.03967	48	20.473	0.053674	3.81909	17.5	1468	7161.527	5.729222	193.1569
1212	544	-9999	-9999	12.55649	24.95693	48	18.831	0.048898	3.819469	17.5	1508	8074.317	6.459454	217.0566
1213	545	-9999	-9999	12.56685	24.94314	48	15.876	0.046374	3.819847	17.5	1458	8230.652	6.584522	221.137
1214	546	-9999	-9999	12.57721	24.90177	48	23.574	0.058162	3.819847	17.5	1558	7012.629	5.610103	188.0993
1215	547	-9999	-9999	12.58757	24.87419	48	22.658	0.059929	3.819847	17.5	1435	6268.579	5.014863	167.9555
1216	548	-9999	-9999	12.59793	24.88109	48	22.659	0.058216	3.818712	17.5	1988	8942.459	7.153967	239.6638
1217	549	-9999	-9999	12.60829	24.84661	48	19.659	0.056045	3.820226	17.5	2094	9780.256	7.824205	261.7541
1218	550	-9999	-9999	12.61865	24.88109	48	26.7	0.06384	3.818333	17.5	2379	9759.568	7.807655	261.5628
1219	551	-9999	-9999	12.62901	24.83972	48	19.337	0.055217	3.819469	17.5	2239	10616.41	8.493132	284.0538
1220	552	-9999	-9999	12.63937	24.83972	48	22.056	0.058572	3.820983	17.5	1941	8672.884	6.938307	232.0525
1221	553	-9999	-9999	12.64973	24.8673	48	26.204	0.065351	3.81909	17.5	1881	7536.659	6.029327	201.8754
1222	554	-9999	-9999	12.66009	24.83972	48	22.375	0.056337	3.81909	17.5	1864	8663.458	6.930767	231.8003
1223	555	-9999	-9999	12.74244	24.68114	48	12.958	0.039675	3.812655	17.5	1588	10498.02	8.398413	279.0927
1224	556	-9999	-9999	12.75286	24.7363	48	16.402	0.042089	3.819847	17.5	1447	9000.266	7.200212	239.8093
1225	557	-9999	-9999	12.76328	24.76388	48	17.556	0.046772	3.820983	17.5	1563	8745.791	6.996633	233.2887
1226	558	-9999	-9999	12.7737	24.76388	48	20.191	0.05331	3.81909	17.5	2145	10535.56	8.428447	281.0297
1227	559	-9999	-9999	12.78412	24.79835	48	23.429	0.061031	3.81909	17.5	2888	12390.42	9.912339	330.9672
1228	560	-9999	-9999	12.79453	24.79146	48	25.475	0.064506	3.818333	17.5	3062	12431.8	9.945442	331.9802
1229	561	-9999	-9999	12.80495	24.76388	48	21.988	0.059423	3.816819	17.5	3236	14267.59	11.41407	380.5795
1230	562	-9999	-9999	12.81537	24.7294	48	22.283	0.058854	3.817197	17.5	2795	12441.17	9.952935	331.3987
1231	563	-9999	-9999	12.82579	24.7294	48	23.29	0.059756	3.817197	17.5	2881	12630.4	10.10432	336.4393
1232	564	-9999	-9999	12.83621	24.70872	48	21.027	0.055814	3.817576	17.5	2616	12277.35	9.821876	326.7614
1233	565	-9999	-9999	12.84663	24.67424	48	20.07	0.052767	3.818333	17.5	2675	13276.58	10.62126	352.8629
1234	566	-9999	-9999	12.85705	24.68114	48	19.202	0.050913	3.817197	17.5	2940	15127.8	12.10224	402.1767
1235	567	-9999	-9999	12.86747	24.75698	48	19.396	0.053189	3.81909	17.5	2763	13601.93	10.88154	362.7222
1236	568	-9999	-9999	12.87789	25.30856	48	24.686	0.061434	3.847102	17.5	2075	8779.565	7.023652	239.3407
1237	569	-9999	-9999	12.88831	25.27409	48	22.163	0.056559	3.848995	17.5	1975	9072.363	7.257891	246.9858
1238	570	-9999	-9999	12.89872	25.09483	48	15.83	0.045686	3.838017	17.5	2488	14189.43	11.35154	383.5527
1239	571	-9999	-9999	12.90914	25.15688	48	18.853	0.050337	3.841802	17.5	2201	11381.35	9.105081	308.4087
1240	572	-9999	-9999	12.91956	25.15688	48	23.718	0.061066	3.83991	17.5	1906	8128.334	6.502668	220.2593
1241	573	-9999	-9999	12.92998	25.17756	48	25.737	0.065782	3.839153	17.5	2727	10797.99	8.638391	292.8415
1242	574	-9999	-9999	12.9404	25.15688	48	23.566	0.063999	3.838774	17.5	2629	10701.02	8.560814	289.9732
1243	575	-9999	-9999	12.95082	25.17756	48	26.159	0.065199	3.83726	17.5	2915	11651.32	9.32106	315.9839
1244	576	-9999	-9999	12.96124	25.14309	48	20.699	0.057396	3.833853	17.5	2864	13015.38	10.4123	352.4937
1245	577	-9999	-9999	13.04494	25.17067	48	22.125	0.057795	3.83726	17.5	2727	12296.32	9.837056	333.3849
1246	578	-9999	-9999	13.05542	25.14309	48	22.792	0.056595	3.83726	17.5	3215	14804.19	11.84336	400.94
1247	579	-9999	-9999	13.0659	25.10861	48	15.957	0.047336	3.838396	17.5	2447	13467.72	10.77417	364.2443
1248	580	-9999	-9999	13.07638	25.14998	48	21.485	0.054109	3.836503	17.5	1759	8473.421	6.778737	229.5475
1249	581	-9999	-9999	13.08685	25.1293	48	21.677	0.057748	3.83726	17.5	2040	9205.961	7.364769	249.1871
1250	582	-9999	-9999	13.09733	25.13619	48	23.692	0.061322	3.836503	17.5	1983	8428.862	6.74309	228.2152
1251	583	-9999	-9999	13.10781	25.13619	48	23.602	0.06271	3.835367	17.5	1994	8290.529	6.632423	224.4697
1252	584	-9999	-9999	13.11829	25.17756	48	25.116	0.061839	3.836124	17.5	2295	9674.553	7.739643	262.3739
1253	585	-9999	-9999	13.12877	24.9983	48	17.16	0.051	3.825525	17.5	1976	10128.06	8.102446	272.7173
1254	586	-9999	-9999	13.13924	24.92246	48	22.717	0.056434	3.81909	17.5	1402	6504.961	5.203969	174.6271
1255	587	-9999	-9999	13.14972	24.94314	48	20.856	0.054709	3.81909	17.5	1528	7313.194	5.850555	196.4872
1256	588	-9999	-9999	13.1602	24.95004	48	18.802	0.051966	3.820226	17.5	1491	7510.525	6.00842	201.8448
1257	589	-9999	-9999	13.17068	24.9914	48	22.615	0.058473	3.819847	17.5	1580	7073.894	5.659115	190.4256
1258	590	-9999	-9999	13.18116	24.9914	48	24.277	0.061737	3.820226	17.5	1643	6966.321	5.573057	187.5297
1259	591	-9999	-9999	13.19163	24.9983	48	21.271	0.057104	3.819469	17.5	1589	7285.382	5.828305	196.1728
1260	592	-9999	-9999	13.20211	24.97072	48	21.053	0.054796	3.820983	17.5	1544	7374.366	5.899493	198.3498
1261	593	-9999	-9999	13.28682	24.97761	48	19.659	0.052818	3.820983	17.5	1449	7179.787	5.74383	193.1695
1262	594	-9999	-9999	13.29735	25.00519	48	20.936	0.054222	3.82174	17.5	1395	6731.871	5.385497	181.3185
1263	595	-9999	-9999	13.30789	25.00519	48	20.429	0.053595	3.822118	17.5	1649	8049.969	6.439975	216.8206
1264	596	-9999	-9999	13.31843	25.09483	48	19.747	0.054306	3.820604	17.5	1415	6819.896	5.455917	184.3478
1265	597	-9999	-9999	13.32896	25.37062	48	24.606	0.061275	3.81644	17.5	1239	5298.178	4.238542	144.7883
1266	598	-9999	-9999	13.3395	25.31546	48	21.769	0.05956	3.817197	17.5	1493	6566.918	5.253535	179.0702
1267	599	-9999	-9999	13.35004	25.32235	48	24.34	0.062912	3.816062	17.5	1934	8055.813	6.444651	219.7301
1268	600	-9999	-9999	13.36057	25.34304	48	24.548	0.064045	3.813791	17.5	2076	8499.407	6.799526	232.0189
1269	601	-9999	-9999	13.37111	25.31546	48	23.732	0.063573	3.813033	17.5	1587	6546.877	5.237501	178.5237
1270	602	-9999	-9999	13.45641	25.32235	48	25.711	0.065886	3.812276	17.5	1612	6417.802	5.134242	175.0517
1271	603	-9999	-9999	13.467	25.30167	48	23.894	0.063215	3.812276	17.5	1636	6788.558	5.430847	185.0132
1272	604	-9999	-9999	13.4776	25.28788	48	23.083	0.061261	3.811898	17.5	1470	6294.949	5.035959	171.467

1273	605	-9999	-9999	13.48819	25.34304	48	23.681	0.059125	3.810762	17.5	1698	7536.178	6.028942	205.7244
1274	606	-9999	-9999	13.49879	25.2534	48	17.223	0.050199	3.809627	17.5	1608	8408.294	6.726635	228.7198
1275	607	-9999	-9999	13.50938	25.23272	48	22.071	0.053454	3.805463	17.5	1480	7275.66	5.820528	197.7482
1276	608	-9999	-9999	13.51998	25.21204	48	16.571	0.044852	3.805084	17.5	1682	9855.568	7.884454	267.649
1277	609	-9999	-9999	13.53057	25.26719	48	14.077	0.040085	3.805841	17.5	1396	9150.629	7.320503	249.0485
1278	610	-9999	-9999	13.54117	25.3913	48	18.667	0.047382	3.809248	17.5	1412	7823.113	6.258491	213.9639
1279	611	-9999	-9999	13.55177	25.36372	48	19.466	0.049566	3.808491	17.5	1483	7855.995	6.284796	214.6299
1280	612	-9999	-9999	13.56236	25.33614	48	16.668	0.04503	3.810005	17.5	1470	8568.198	6.854559	233.8331
1281	613	-9999	-9999	13.57296	25.21893	48	16.701	0.04484	3.803948	17.5	1519	8905.398	7.124318	241.9112
1282	614	-9999	-9999	13.58355	25.19135	48	18.934	0.048635	3.796756	17.5	1565	8475.328	6.780263	229.9768
1283	615	-9999	-9999	13.59415	25.19135	48	18.634	0.050462	3.797513	17.5	1602	8359.816	6.687852	226.8424
1284	616	-9999	-9999	13.60474	25.22583	48	21.775	0.061568	3.797135	17.5	1631	6976.545	5.581236	189.5666
1285	617	-9999	-9999	13.61534	25.36372	48	34.875	0.080949	3.792592	17.5	1686	5491.718	4.393374	150.0366
1286	618	-9999	-9999	13.62594	25.23272	48	23.596	0.063048	3.795242	17.5	1654	6912.295	5.529836	187.8721
1287	619	-9999	-9999	13.63653	25.17756	48	14.73	0.042611	3.797513	17.5	1624	10036.15	8.028917	272.1803
1288	620	-9999	-9999	13.64713	25.17756	48	14.798	0.037814	3.798649	17.5	1384	9635.071	7.708057	261.3031
1289	621	-9999	-9999	13.65772	25.2534	48	12.437	0.03298	3.795999	17.5	1043	8331.232	6.664986	226.6236
1290	622	-9999	-9999	13.66832	24.96382	48	10.773	0.031113	3.78275	17.5	980	8326.823	6.661459	223.9064
1291	623	-9999	-9999	13.67891	25.23962	48	15.526	0.040319	3.794864	17.5	1654	10809.98	8.647984	293.8892
1292	624	-9999	-9999	13.68951	25.24651	48	19.204	0.049201	3.789185	17.5	1982	10631.2	8.504961	289.1077
1293	625	-9999	-9999	13.7001	25.48093	48	20.023	0.046053	3.797135	17.5	2176	12443.6	9.954878	341.5366
1294	626	-9999	-9999	13.7107	25.60504	48	5.879	0.023432	3.800542	17.5	1794	20145.28	16.11622	555.6159
1295	627	-9999	-9999	13.7213	25.54988	48	9.974	0.024645	3.797513	17.5	1293	13815.85	11.05268	380.2265
1296	628	-9999	-9999	13.73189	25.5223	48	10.508	0.026776	3.794864	17.5	1579	15539.53	12.43163	427.2025
1297	629	-9999	-9999	13.74249	25.44646	48	9.145	0.023989	3.794864	17.5	2207	24243.32	19.39466	664.5008
1298	630	-9999	-9999	13.75308	25.42577	48	7.698	0.018275	3.796378	17.5	2733	39392.63	31.5141	1078.86
1299	631	-9999	-9999	13.76368	25.36372	48	1.799	0.009539	3.798649	17.5	2060	56850.73	45.48059	1553.192
1300	632	-9999	-9999	13.77427	25.36372	48	6.891	0.015408	3.804327	17.5	2031	34648.2	27.71856	946.607
1301	633	-9999	-9999	13.78487	25.30167	48	5.826	0.01766	3.805841	17.5	1263	18791.84	15.03347	512.1468
1302	634	-9999	-9999	13.79546	25.30167	48	10.136	0.02412	3.806977	17.5	1265	13776.55	11.02124	375.4616
1303	635	-9999	-9999	13.80606	25.28788	48	8.714	0.023303	3.807734	17.5	1375	15495.9	12.39672	422.0902
1304	636	-9999	-9999	13.81666	25.2603	48	8.228	0.021862	3.807355	17.5	1444	17348.23	13.87858	472.0301
1305	637	-9999	-9999	13.82725	25.2603	48	8.302	0.020063	3.807355	17.5	1245	16298.81	13.03905	443.4763
1306	638	-9999	-9999	13.83785	25.2534	48	4.383	0.015181	3.808491	17.5	1165	20149.99	16.11999	548.1137
1307	639	-9999	-9999	13.84844	25.32925	48	8.836	0.021211	3.815305	17.5	1125	13901.63	11.12131	379.2836
1308	640	-9999	-9999	13.85904	25.37751	48	8.714	0.02288	3.819469	17.5	1069	12232.84	9.786275	334.3894
1309	641	-9999	-9999	13.86963	25.61193	48	8.56	0.025458	3.847481	17.5	1077	10995.62	8.796498	303.3459
1310	642	-9999	-9999	13.88023	25.72225	48	15.186	0.03854	3.849373	17.5	1268	8546.992	6.837594	236.809
1311	643	-9999	-9999	13.89083	25.06725	48	18.714	0.049405	3.792971	17.5	2538	13543.88	10.8351	365.7007
1312	644	-9999	-9999	13.90142	24.95693	48	22.788	0.058266	3.7801	17.5	2932	13311.98	10.64958	357.8572
1313	645	-9999	-9999	13.91202	24.97072	48	23.202	0.056545	3.778586	17.5	3050	14274.98	11.41998	383.9569
1314	646	-9999	-9999	13.92261	24.90867	48	13.541	0.043185	3.780479	17.5	3168	19404.5	15.5236	520.6298
1315	647	-9999	-9999	13.93321	24.95004	48	21.26	0.051381	3.777451	17.5	2709	13957.53	11.16602	375.1075
1316	648	-9999	-9999	13.9438	24.94314	48	18.762	0.050199	3.777829	17.5	2461	12976.98	10.38158	348.6589
1317	649	-9999	-9999	13.9544	24.94314	48	18.336	0.047911	3.778965	17.5	3177	17547.34	14.03787	471.4529
1318	650	-9999	-9999	13.96499	24.90177	48	17.312	0.045392	3.776694	17.5	3188	18596.27	14.87701	498.8065
1319	651	-9999	-9999	13.97559	24.90867	48	16.082	0.043829	3.775937	17.5	2696	16290.65	13.03252	437.084
1320	652	-9999	-9999	13.98619	24.95693	48	18.455	0.046986	3.774422	17.5	2682	15123.21	12.09857	406.5473
1321	653	-9999	-9999	13.99678	24.85351	48	17.403	0.047296	3.767987	17.5	2272	12748.95	10.19916	341.3015
1322	654	-9999	-9999	14.00738	24.97761	48	19.947	0.052723	3.763823	17.5	2506	12628.51	10.10281	339.7653
1323	655	-9999	-9999	14.01797	25.59814	48	23.217	0.061909	3.802056	17.5	2919	12401.06	9.920844	341.9347
1324	656	-9999	-9999	14.02857	25.58435	48	28.573	0.076205	3.803191	17.5	3333	11500.22	9.200175	316.9251
1325	657	-9999	-9999	14.03916	25.68088	48	36.526	0.092865	3.800163	17.5	4339	12295.13	9.836102	340.1097
1326	658	-9999	-9999	14.04976	25.64641	48	37.408	0.093916	3.799785	17.5	4455	12483.82	9.987054	344.8656
1327	659	-9999	-9999	14.06035	25.59125	48	28.327	0.079496	3.80092	17.5	4572	15131.24	12.10499	417.1016
1328	660	-9999	-9999	14.07095	25.61193	48	30.835	0.077954	3.799785	17.5	5071	17119.64	13.69571	472.2946
1329	661	-9999	-9999	14.08155	25.58435	48	26.364	0.07046	3.800542	17.5	5082	18977.9	15.18232	522.9964
1330	662	-9999	-9999	14.09214	25.58435	48	24.624	0.066061	3.800542	17.5	5093	20285.27	16.22822	559.0251
1331	663	-9999	-9999	14.10274	25.57056	48	26.01	0.066385	3.800163	17.5	3966	15721.03	12.57683	433.0095
1332	664	-9999	-9999	14.11333	25.59814	48	22.945	0.062921	3.799027	17.5	4597	19231.22	15.38498	530.2631
1333	665	-9999	-9999	14.12393	25.57746	48	25.908	0.07846	3.800542	17.5	4439	14886.37	11.90909	410.1306
1334	666	-9999	-9999	14.13452	25.85325	48	52.61	0.116155	3.793349	17.5	4480	10167.58	8.134066	283.145
1335	667	-9999	-9999	14.14512	25.67398	48	28.925	0.084444	3.79827	17.5	4522	14098.68	11.27894	389.895
1336	668	-9999	-9999	14.15571	25.59814	48	24.541	0.064856	3.800163	17.5	4768	19345.58	15.47646	533.4162
1337	669	-9999	-9999	14.16631	25.56367	48	21.029	0.060343	3.800163	17.5	4882	21289.59	17.03167	586.2278
1338	670	-9999	-9999	14.17691	25.63262	48	29.154	0.063283	3.797892	17.5	3122	12989.9	10.39192	358.6533
1339	671	-9999	-9999	14.1875	25.95667	48	6.879	0.027109	3.833096	17.5	1716	16513.85	13.21108	461.7143
1340	672	-9999	-9999	14.1981	25.72914	48	5.242	0.016451	3.822497	17.5	2263	35986.55	28.78924	997.3362
1341	673	-9999	-9999	14.20869	25.71535	48	9.724	0.023225	3.810005	17.5	1680	18985.39	15.18831	525.8815
1342	674	-9999	-9999	14.21929	25.71535	48	8.904	0.023413	3.811898	17.5	1953	21882.98	17.50638	606.1427
1343	675	-9999	-9999	14.22988	25.71535	48	8.13	0.021893	3.812655	17.5	1948	23337.57	18.67006	646.4341
1344	676	-9999	-9999	14.24048	25.52919	48	8.575	0.023116	3.791457	17.5	1521	17354.44	13.88355	477.2256
1345	677	-9999	-9999	14.25108	25.52919	48	10.362	0.032926	3.791078	17.5	2280	18265.56	14.61245	502.2802
1346	678	-9999	-9999	14.26167	25.68088	48	25.173	0.05293	3.78805	17.5	2401	11975.06	9.580046	331.2558
1347	679	-9999	-9999	14.27227	25.68088	48	9.826	0.034511	3.797135	17.5	2518	19215.02	15.37202	531.5288
1348	680	-9999	-9999	14.28286	25.74983	48	14.339	0.034099	3.80622	17.5	3113	23985.17	19.18814	665.2626
1349	681	-9999	-9999	14.29346	25.73604	48	10.693	0.029568	3.809627	17.5	3212	28514.44	22.81155	790.4648
1350	682	-9999	-9999	14.30405	25.77051	48	10.417	0.031541	3.810384	17.5	3308	27524.21	22.01937	764.0361
1351	683	-9999	-9999	14.4737	25.68088	48	19.673	0.048634	4.402799	17.5	3344	15616.95	12.49356	431.9984
1352	684	-9999	-9999	14.48441	25.52919	48	21.961	0.056053	5.090984	17.5	2951	10341.15	8.272922	284.3689

1353	685	-9999	-9999	14.49513	25.50162	48	20.496	0.05311	5.090984	17.5	3157	11676.06	9.340846	320.7303
1354	686	-9999	-9999	14.50584	25.44646	48	17.347	0.046184	5.090606	17.5	2648	11263.12	9.010495	308.7181
1355	687	-9999	-9999	14.51655	25.43956	48	15.59	0.044507	5.089092	17.5	2650	11699.83	9.359861	320.6012
1356	688	-9999	-9999	14.52727	25.46025	48	21.937	0.054997	5.086063	17.5	2949	10542.79	8.43423	289.1306
1357	689	-9999	-9999	14.53798	25.46714	48	22.263	0.061032	5.086821	17.5	2882	9282.973	7.426379	254.6498
1358	690	-9999	-9999	14.54869	25.52919	48	28.396	0.068439	5.084171	17.5	2706	7776.81	6.221448	213.8526
1359	691	-9999	-9999	14.55941	25.57056	48	20.454	0.057279	5.086821	17.5	2960	10159.05	8.127244	279.8141
1360	692	-9999	-9999	14.57012	25.81188	48	20.6	0.058229	5.084549	17.5	2914	9842.299	7.873839	273.648
1361	693	-9999	-9999	14.58083	25.71535	48	30.129	0.070413	4.677997	17.5	2963	8995.382	7.196306	249.1656
1362	694	-9999	-9999	14.59155	25.67398	48	19.692	0.060297	3.749817	17.5	3098	13701.79	10.96143	378.9191
1363	695	-9999	-9999	14.60226	25.74293	48	28.808	0.070156	3.786157	17.5	2415	9091.843	7.273475	252.1076
1364	696	-9999	-9999	14.61297	25.74293	48	25.298	0.070654	4.014795	17.5	2345	8266.884	6.613507	229.2323
1365	697	-9999	-9999	14.62369	25.76362	48	31.359	0.078394	3.762309	17.5	3158	10707.12	8.5657	297.1363
1366	698	-9999	-9999	14.6344	25.7912	48	28.302	0.070066	3.787293	17.5	3507	13216.05	10.57284	367.1549
1367	699	-9999	-9999	14.64511	25.82567	48	15.448	0.05175	3.763066	17.5	3277	16827.68	13.46214	468.1141
1368	700	-9999	-9999	14.65583	25.81877	48	28.092	0.068017	3.763066	17.5	3055	11935.84	9.548668	331.9437
1369	701	-9999	-9999	14.66654	25.84635	48	27.52	0.073346	3.763066	17.5	2857	10351.21	8.280966	288.1816
1370	702	-9999	-9999	14.67725	25.81877	48	29.335	0.079792	3.764202	17.5	3099	10317.91	8.254324	286.948
1371	703	-9999	-9999	14.68797	25.86014	48	37.367	0.089577	3.762688	17.5	3212	9529.725	7.62378	265.4528
1372	704	-9999	-9999	14.69868	25.92909	48	25.772	0.072005	3.758902	17.5	4256	15724.55	12.57964	439.1789
1373	705	-9999	-9999	14.70939	25.7912	48	23.989	0.063533	3.763445	17.5	3531	14767.68	11.81415	410.2606
1374	706	-9999	-9999	14.72011	25.7843	48	23.368	0.067001	3.764202	17.5	3702	14678.42	11.74274	407.6719
1375	707	-9999	-9999	14.73082	25.80499	48	35.556	0.093574	3.763066	17.5	3793	10771.79	8.617434	299.4109
1376	708	-9999	-9999	14.74153	25.6533	48	48.11	0.105623	3.766094	17.5	3887	9771.558	7.817246	270.012
1377	709	-9999	-9999	14.75225	25.87393	48	13.225	0.062317	3.758145	17.5	3313	14146.33	11.31706	394.2594
1378	710	-9999	-9999	14.76296	25.46025	48	41.308	0.094506	3.713477	17.5	3505	9987.274	7.989819	273.896
1379	711	-9999	-9999	14.77367	25.41888	48	37.375	0.095247	3.716884	17.5	2863	8087.098	6.469678	221.4242
1380	712	-9999	-9999	14.78439	25.34993	48	26.715	0.078674	3.718398	17.5	2226	7609.168	6.087334	207.7734
1381	713	-9999	-9999	14.7951	25.43956	48	35.44	0.08455	3.715749	17.5	1840	5856.741	4.685393	160.4877
1382	714	-9999	-9999	14.80581	25.37062	48	24.62	0.069034	3.717641	17.5	2087	8131.895	6.505516	222.228
1383	715	-9999	-9999	14.81653	25.34304	48	23.739	0.069929	3.716884	17.5	2329	8960.571	7.168457	244.6078
1384	716	-9999	-9999	14.82724	25.39819	48	40.126	0.089725	3.714992	17.5	2124	6372.133	5.097707	174.3266
1385	717	-9999	-9999	14.83795	25.33614	48	20.669	0.071704	3.716127	17.5	2619	9828.803	7.863042	268.236
1386	718	-9999	-9999	14.84867	25.35683	48	40.955	0.094817	3.714613	17.5	2873	8157.132	6.525706	222.7965
1387	719	-9999	-9999	14.85938	25.41198	48	32.052	0.08206	3.713477	17.5	2663	8738.968	6.991174	239.2075
1388	720	-9999	-9999	14.87009	25.32235	48	18.244	0.0539	3.714234	17.5	2270	11338.83	9.071063	309.2774
1389	721	-9999	-9999	14.88081	25.30167	48	18.068	0.049298	3.714992	17.5	2478	13530.41	10.82432	368.7534
1390	722	-9999	-9999	14.89152	25.33614	48	22.071	0.055954	3.712342	17.5	2176	10475.7	8.380564	285.8905
1391	723	-9999	-9999	14.90223	25.34304	48	21.434	0.056652	3.71272	17.5	2544	12095.11	9.676091	330.1753
1392	724	-9999	-9999	14.91295	25.32925	48	21.574	0.056194	3.71272	17.5	2643	12668.31	10.13465	345.6345
1393	725	-9999	-9999	14.92366	25.33614	48	20.604	0.054572	3.713856	17.5	2776	13697.06	10.95765	373.804
1394	726	-9999	-9999	14.93437	25.33614	48	20.64	0.048829	3.71272	17.5	2483	13696.41	10.95713	373.7862
1395	727	-9999	-9999	14.94509	25.30167	48	8.351	0.03264	3.714234	17.5	2221	18320.35	14.65628	499.297
1396	728	-9999	-9999	14.9558	25.30167	48	20.498	0.049191	3.713477	17.5	1857	10165.96	8.132768	277.0598
1397	729	-9999	-9999	14.96651	25.31546	48	21.998	0.057582	3.711585	17.5	1951	9128.748	7.302998	248.9276
1398	730	-9999	-9999	14.97723	25.32925	48	23.015	0.063253	3.712342	17.5	1566	6669.001	5.335201	181.9529
1399	731	-9999	-9999	14.98794	25.40509	48	30.399	0.077133	3.711963	17.5	1776	6202.973	4.962378	169.7449
1400	732	-9999	-9999	14.99865	25.42577	48	31.544	0.081941	3.711963	17.5	1984	6522.833	5.218266	178.6432
1401	733	-9999	-9999	15.33924	25.44646	48	30.561	0.077414	3.712342	17.5	2105	7324.657	5.859726	200.7662
1402	734	-9999	-9999	15.35019	25.37751	48	23.008	0.063387	3.71272	17.5	2180	9263.29	7.410632	253.2155
1403	735	-9999	-9999	15.36114	25.33614	48	22.169	0.059611	3.713477	17.5	1975	8921.941	7.137553	243.487
1404	736	-9999	-9999	15.37209	25.36372	48	24.455	0.076833	3.712342	17.5	2294	8042.631	6.434105	219.7289
1405	737	-9999	-9999	15.38304	25.48093	48	55.481	0.146414	3.713856	17.5	2599	4779.669	3.823735	131.1865
1406	738	-9999	-9999	15.39399	26.77715	48	88	0.220897	3.743761	17.5	1794	2169.328	1.735462	62.5699
1407	739	-9999	-9999	15.40494	26.79783	48	97	0.229843	3.751331	17.5	1905	2209.422	1.767537	63.77556
1408	740	-9999	-9999	15.41588	26.48067	48	48.912	0.170811	3.755874	17.5	2011	3134.614	2.507691	89.41061
1409	741	-9999	-9999	15.42683	26.52893	48	97.449	0.234084	3.757388	17.5	1586	1803.206	1.442565	51.52775
1410	742	-9999	-9999	15.43778	26.61857	48	95.89	0.230927	3.754738	17.5	1473	1698.821	1.359057	48.7089
1411	743	-9999	-9999	15.44873	26.4393	48	46.38	0.132945	3.757767	17.5	2171	4345.698	3.476558	123.7615
1412	744	-9999	-9999	15.45968	26.30141	48	22.207	0.069903	3.760795	17.5	1929	7337.626	5.870101	207.879
1413	745	-9999	-9999	15.47063	26.27383	48	24.436	0.063665	3.761931	17.5	1336	5578.184	4.462547	157.8673
1414	746	-9999	-9999	15.48158	26.28762	48	25.447	0.066566	3.761173	17.5	1153	4605.27	3.684216	130.4014
1415	747	-9999	-9999	15.49253	26.30141	48	25.798	0.071752	3.760795	17.5	1316	4876.86	3.901488	138.1641
1416	748	-9999	-9999	15.50347	26.32209	48	35.228	0.089764	3.759659	17.5	1477	4376.526	3.501221	124.0869
1417	749	-9999	-9999	15.51442	26.37036	48	38.292	0.09859	3.756631	17.5	1497	4041.955	3.233564	114.811
1418	750	-9999	-9999	15.52537	26.34967	48	36.762	0.112766	3.756252	17.5	1526	3602.653	2.882123	102.2524
1419	751	-9999	-9999	15.53632	26.48067	48	72.193	0.16927	3.752467	17.5	1477	2325.328	1.860263	66.32684
1420	752	-9999	-9999	15.54727	26.55651	48	61.042	0.158347	3.750574	17.5	1429	2406.166	1.924933	68.82919
1421	753	-9999	-9999	15.55822	26.45999	48	45.269	0.135261	3.751331	17.5	1663	3277.439	2.621951	93.41149
1422	754	-9999	-9999	15.56917	26.42551	48	66.789	0.146744	3.755117	17.5	1495	2713.04	2.170432	77.22459
1423	755	-9999	-9999	15.58012	26.29451	48	22.708	0.088151	3.75436	17.5	1328	4012.666	3.210133	113.6512
1424	756	-9999	-9999	15.59106	26.26004	48	43.698	0.100164	3.753603	17.5	1498	3984.302	3.187442	112.6999
1425	757	-9999	-9999	15.60201	26.32899	48	31.253	0.087234	3.752467	17.5	1065	3253.485	2.602788	92.26968
1426	758	-9999	-9999	15.61296	26.29451	48	30.513	0.08211	3.75436	17.5	1202	3899.168	3.119334	110.4366
1427	759	-9999	-9999	15.62391	26.32899	48	34.217	0.087164	3.752467	17.5	1348	4121.336	3.297069	116.8822
1428	760	-9999	-9999	15.63486	26.35657	48	31.682	0.084135	3.752088	17.5	1495	4735.789	3.788631	134.4489
1429	761	-9999	-9999	15.64581	26.34967	48	31.201	0.080697	3.752088	17.5	1457	4812.032	3.849626	136.5777
1430	762	-9999	-9999	15.65676	26.36346	48	27.809	0.07469	3.744518	17.5	1420	5077.298	4.061838	144.182
1431	763	-9999	-9999	15.66771	26.35657	48	28.138	0.0737	3.751331	17.5	1649	5964.381	4.771505	169.3286
1432	764	-9999	-9999	15.67866	26.36346	48	27.955	0.073936	3.751331	17.5	1589	5729.017	4.583214	162.6891

1433	765	-9999	-9999	15.6896	26.32899	48	28.897	0.07609	3.750574	17.5	1529	5357.726	4.286181	151.9465
1434	766	-9999	-9999	15.70055	26.37036	48	30.231	0.080756	3.771015	17.5	1718	5641.456	4.513165	160.2445
1435	767	-9999	-9999	15.7115	26.41172	48	34.608	0.089409	3.748303	17.5	1622	4839.862	3.87189	137.6911
1436	768	-9999	-9999	15.72245	26.34278	48	35.529	0.09748	3.746032	17.5	1526	4178.964	3.343171	118.5786
1437	769	-9999	-9999	15.7334	26.03251	48	45.899	0.112811	3.704392	17.5	1345	3218.506	2.574805	90.24984
1438	770	-9999	-9999	15.74435	26.03251	48	38.511	0.100234	3.7025	17.5	1164	3136.484	2.509187	87.94986
1439	771	-9999	-9999	15.7553	25.99804	48	28.97	0.078977	3.7025	17.5	1291	4415.014	3.532011	123.6371
1440	772	-9999	-9999	15.76625	26.0463	48	25.975	0.070405	3.699093	17.5	1273	4888.014	3.910411	137.137
1441	773	-9999	-9999	15.77719	25.93599	48	27.919	0.072621	3.676759	17.5	1255	4700.225	3.76018	131.3099
1442	774	-9999	-9999	15.78814	25.6602	48	28.199	0.072671	3.63247	17.5	1358	5144.456	4.115565	142.1921
1443	775	-9999	-9999	15.79909	25.56367	48	25.249	0.069342	3.635498	17.5	1460	5791.496	4.633197	159.474
1444	776	-9999	-9999	15.81004	25.54988	48	29.168	0.073197	3.637769	17.5	1360	5107.535	4.086028	140.5647
1445	777	-9999	-9999	15.82099	25.48783	48	25.245	0.076478	3.639662	17.5	1250	4490.669	3.592535	123.2877
1446	778	-9999	-9999	15.83194	25.56367	48	44.512	0.112336	3.637391	17.5	1225	2997.963	2.398371	82.5516
1447	779	-9999	-9999	15.84289	25.48093	48	53.259	0.144996	3.642312	17.5	1200	2272.201	1.817761	62.36459
1448	780	-9999	-9999	15.85384	25.48783	48	73.593	0.164015	3.641176	17.5	1184	1982.562	1.58605	54.42966
1449	781	-9999	-9999	15.86478	25.43267	48	26.944	0.088415	3.641933	17.5	1169	3630.436	2.904349	99.45502
1450	782	-9999	-9999	15.87573	25.3844	48	20.551	0.056748	3.643826	17.5	1168	5648.491	4.518793	154.4456
1451	783	-9999	-9999	16.22833	25.37062	48	20.453	0.054393	3.644205	17.5	1495	7542.217	6.033773	206.1133
1452	784	-9999	-9999	16.23952	25.41888	48	21.858	0.05799	3.637012	17.5	1478	7007.706	5.606165	191.8705
1453	785	-9999	-9999	16.2507	25.39819	48	24.552	0.060915	3.643069	17.5	1485	6691.669	5.353335	183.0684
1454	786	-9999	-9999	16.26188	25.33614	48	19.051	0.053656	3.645719	17.5	1492	7627.293	6.101835	208.1551
1455	787	-9999	-9999	16.27307	25.3844	48	21.782	0.055852	3.64269	17.5	1345	6610.862	5.28869	180.7595
1456	788	-9999	-9999	16.28425	25.41198	48	21.376	0.054784	3.640798	17.5	1197	6001.327	4.801061	164.2714
1457	789	-9999	-9999	16.29544	25.36372	48	17.828	0.049392	3.641176	17.5	1360	7562.055	6.049644	206.5993
1458	790	-9999	-9999	16.30662	25.36372	48	20.113	0.051496	3.640041	17.5	1303	6951.331	5.561065	189.914
1459	791	-9999	-9999	16.3178	25.32925	48	19.325	0.073305	3.64269	17.5	1245	4662.442	3.729954	127.2072
1460	792	-9999	-9999	16.32899	25.43956	48	70	0.146772	3.765337	17.5	1218	2203.935	1.763148	60.39271
1461	793	-9999	-9999	16.34017	25.43267	48	35.872	0.101772	3.630956	17.5	1190	3220.304	2.576243	88.21955
1462	794	-9999	-9999	16.35136	25.21893	48	18.938	0.061626	3.638526	17.5	1250	5574.713	4.45977	151.4346
1463	795	-9999	-9999	16.36254	25.17067	48	29.116	0.069327	3.640798	17.5	1470	5824	4.6592	157.9036
1464	796	-9999	-9999	16.37373	25.18446	48	22.925	0.083721	3.640041	17.5	1315	4315.064	3.452051	117.0566
1465	797	-9999	-9999	16.38491	25.37751	48	70.384	0.150831	3.637769	17.5	1160	2114.138	1.69131	57.79075
1466	798	-9999	-9999	16.39609	26.01872	48	40.004	0.112254	3.655939	17.5	1100	2680.355	2.144284	75.11977
1467	799	-9999	-9999	16.40728	25.94978	48	25.964	0.071804	3.658968	17.5	1098	4179.194	3.343356	116.816
1468	800	-9999	-9999	16.41846	25.86014	48	20.126	0.055964	3.661239	17.5	1070	5222.156	4.177725	145.4644
1469	801	-9999	-9999	16.42965	25.86014	48	21.341	0.055269	3.661239	17.5	1100	5436.071	4.348857	151.4231
1470	802	-9999	-9999	16.44083	25.82567	48	20.732	0.054003	3.661996	17.5	1150	5815.182	4.652146	161.7674
1471	803	-9999	-9999	16.45202	25.83256	48	19.062	0.049945	3.659346	17.5	1170	6401.668	5.121334	178.1298
1472	804	-9999	-9999	16.4632	25.84635	48	17.083	0.047778	3.656318	17.5	1130	6468.59	5.174872	180.0881
1473	805	-9999	-9999	16.47438	25.86704	48	21.72	0.053382	3.653668	17.5	1198	6142.332	4.913866	171.1418
1474	806	-9999	-9999	16.48557	25.88083	48	17.95	0.051318	3.65329	17.5	1214	6475.34	5.180272	180.5164
1475	807	-9999	-9999	16.6704	25.88772	48	23.68	0.061157	3.652154	17.5	1250	5596.46	4.477168	156.057
1476	808	-9999	-9999	16.6817	26.03941	48	27	0.068957	3.647611	17.5	1260	5009.347	4.007478	140.5039
1477	809	-9999	-9999	16.69301	26.01183	48	25.804	0.067017	3.646854	17.5	1270	5196.392	4.157113	145.5958
1478	810	-9999	-9999	16.70431	25.97046	48	22.836	0.061306	3.649126	17.5	1320	5900.403	4.720322	165.0583
1479	811	-9999	-9999	16.71561	25.97735	48	22.862	0.059532	3.647233	17.5	1350	6217.53	4.974024	173.9758
1480	812	-9999	-9999	16.72691	25.9153	48	21.675	0.059358	3.648369	17.5	1320	6095.268	4.876215	170.1473
1481	813	-9999	-9999	16.73821	25.90841	48	26	0.065985	3.652154	17.5	1280	5311.505	4.249204	148.2294
1482	814	-9999	-9999	16.74952	25.77741	48	25.02	0.063074	3.656696	17.5	1258	5454.313	4.363451	151.4451
1483	815	-9999	-9999	16.76082	25.83946	48	17.968	0.049863	3.654804	17.5	1235	6776.766	5.421412	188.6175
1484	816	-9999	-9999	16.77212	25.83256	48	16.985	0.047397	3.655561	17.5	1195	6897.086	5.517669	191.9151
1485	817	-9999	-9999	16.78342	25.87393	48	22.336	0.056856	3.655561	17.5	1185	5701.529	4.561223	158.9022
1486	818	-9999	-9999	16.79472	25.88083	48	23.517	0.061829	3.655182	17.5	1190	5265.583	4.212467	146.7914
1487	819	-9999	-9999	16.80603	25.9153	48	24.8	0.061611	3.655182	17.5	1168	5186.528	4.149223	144.7802
1488	820	-9999	-9999	16.81733	25.81188	48	17.989	0.054592	3.659725	17.5	1147	5741.002	4.592802	159.6186
1489	821	-9999	-9999	16.82863	25.88083	48	27.92	0.065591	3.656696	17.5	1113	4640.497	3.712398	129.3656
1490	822	-9999	-9999	16.83993	25.83946	48	20.126	0.055918	3.658589	17.5	1080	5279.075	4.22326	146.9323
1491	823	-9999	-9999	16.85123	25.82567	48	19.281	0.050228	3.659725	17.5	1063	5782.813	4.62625	160.8669
1492	824	-9999	-9999	16.86254	25.83256	48	17.46	0.047074	3.659346	17.5	1070	6211.595	4.969276	172.841
1493	825	-9999	-9999	16.87384	25.82567	48	18.385	0.048735	3.659725	17.5	1108	6212.29	4.969832	172.8142
1494	826	-9999	-9999	16.88514	25.54298	48	20.3	0.046678	3.59613	17.5	1110	6612.685	5.290148	181.9389
1495	827	-9999	-9999	16.89644	25.57746	48	7.017	0.02928	3.619599	17.5	1095	10332	8.265599	284.6543
1496	828	-9999	-9999	16.90774	25.59814	48	18.501	0.04065	3.602944	17.5	1110	7578.873	6.063099	208.9725
1497	829	-9999	-9999	16.91905	25.56367	48	11.815	0.037952	3.602944	17.5	1038	7591.046	6.072836	209.0262
1498	830	-9999	-9999	16.93035	25.57056	48	20.914	0.050207	3.600672	17.5	1085	6001.862	4.801489	165.3112
1499	831	-9999	-9999	16.94165	25.52919	48	19.19	0.050469	3.60143	17.5	1067	5870.332	4.696266	161.4269
1500	832	-9999	-9999	16.95295	25.50851	48	17.587	0.043697	3.602565	17.5	1120	7114.641	5.691713	195.4853
1501	833	-9999	-9999	16.96425	25.43267	48	10.257	0.035671	3.605594	17.5	1160	9019.042	7.215234	247.0747
1502	834	-9999	-9999	16.97556	25.48093	48	22.851	0.05298	3.604079	17.5	1110	5813.172	4.650538	159.5528
1503	835	-9999	-9999	16.98686	25.44646	48	19.335	0.0528	3.604079	17.5	1090	5727.935	4.582348	157.0006
1504	836	-9999	-9999	16.99816	25.43267	48	20.393	0.051691	3.604079	17.5	1100	5904.515	4.723612	161.7529
1505	837	-9999	-9999	17.00946	25.41888	48	17.144	0.044137	3.604836	17.5	1082	6800.503	5.440403	186.1973
1506	838	-9999	-9999	17.02076	25.2534	48	11.83	0.061067	3.59348	17.5	1090	4967.121	3.973696	135.1141
1507	839	-9999	-9999	17.19174	22.35761	50	75	0.080081	2.960561	12.25	955	4028.071	3.222457	96.40559
1508	840	-9999	-9999	17.14989	22.40587	50	61.413	0.073234	2.960183	12.25	820	3782.523	3.026019	90.72422
1509	841	1511.027	843.027	17.17903	22.48861	50	20.677	0.033061	2.957912	12.25	706	7219.457	5.775566	173.7989
1510	842	1512.027	844.027	16.90598	22.53687	50	9.969	0.025892	2.966618	12.25	750	9763.992	7.811194	235.5596
1511	843	1513.027	845.027	17.23737	22.96435	50	60.126	0.061925	2.999551	12.25	790	4253.069	3.402455	104.5529
1512	844	1513.995	845.995	17.17758	22.92298	50	38.148	0.052452	3.006365	12.25	795	5041.557	4.033246	123.7131

1513	845	1514.964	846.964	17.26019	22.95745	50	31.749	0.04483	3.004093	12.25	800	5940.355	4.752284	145.9876
1514	846	1515.932	847.932	17.16465	22.93677	50	43.797	0.053057	3.006365	12.25	775	4858.699	3.886959	119.2977
1515	847	1516.901	848.901	17.21166	22.94366	50	40.349	0.053661	3.007122	12.25	750	4647.874	3.718299	114.1555
1516	848	1517.869	849.869	17.31226	22.93677	50	44.908	0.051222	3.005986	12.25	735	4773.535	3.818828	117.2066
1517	849	1518.837	850.837	17.1808	22.95745	50	18.756	0.030147	3.003715	12.25	720	7951.079	6.360863	195.4022
1518	850	1519.806	851.806	17.17426	22.77819	50	20.578	0.032354	2.980245	12.25	760	7881.958	6.305566	192.191
1519	851	1520.774	852.774	17.16769	22.77819	50	49.727	0.059313	2.979867	12.25	740	4186.818	3.349454	102.0899
1520	852	1521.742	853.742	17.17899	22.79887	50	56.96	0.070788	2.979867	12.25	732	3470.211	2.776169	84.69329
1521	853	1522.711	854.711	17.17239	22.77129	50	52.36	0.069708	2.978731	12.25	724	3486.763	2.78941	84.99431
1522	854	1523.679	855.679	17.23743	22.80577	50	58.496	0.073876	2.97911	12.25	715	3248.744	2.598995	79.31219
1523	855	1524.648	856.648	17.2129	22.80577	50	57.977	0.076386	2.979867	12.25	751	3299.339	2.639471	80.54738
1524	856	1525.616	857.616	17.2242	22.79198	50	65.617	0.075767	2.97911	12.25	787	3486.659	2.789327	85.06897
1525	857	1526.584	858.584	17.19959	22.79198	50	32.688	0.051382	2.978731	12.25	823	5377.164	4.301732	131.1943
1526	858	1527.553	859.553	17.26477	22.79198	50	43.114	0.054114	2.978353	12.25	906	5621.373	4.497098	137.1526
1527	859	1528.521	860.521	17.34799	22.83334	50	47.07	0.060091	2.977217	12.25	990	5533.686	4.426949	135.2583
1528	860	1529.489	861.489	17.50326	22.81266	50	48.678	0.061548	2.977217	12.25	990	5402.742	4.322193	131.938
1529	861	1530.458	862.458	17.53272	22.80577	50	45.078	0.059171	2.977974	12.25	990	5618.297	4.494638	137.1605
1530	862	1531.426	863.426	17.16592	22.80577	50	46.794	0.060296	2.977217	12.25	990	5514.842	4.411873	134.6349
1531	863	1532.395	864.395	17.35739	22.83334	50	48.775	0.058542	2.97646	12.25	990	5681.559	4.545247	138.8727
1532	864	1533.363	865.363	17.27854	22.85403	50	30.958	0.046012	2.975324	12.25	990	7231.565	5.785252	176.9192
1533	865	1534.331	866.331	17.4703	22.87471	50	41.844	0.053055	2.975324	12.25	940	5954.829	4.763863	145.8159
1534	866	1535.3	867.3	17.42752	22.8885	50	48.943	0.057673	2.975324	12.25	889	5180.733	4.144586	126.937
1535	867	1536.268	868.268	17.29431	22.90919	50	31.188	0.043938	2.97381	12.25	845	6466.966	5.173573	158.5952
1536	868	1537.236	869.236	17.35982	22.94366	50	31.092	0.041017	2.973053	12.25	801	6568.551	5.254841	161.3289
1537	869	1538.205	870.205	17.58826	22.95056	50	35.614	0.046079	2.972675	12.25	734	5358.568	4.286854	131.6503
1538	870	1539.173	871.173	17.59971	22.99882	50	41.215	0.048744	2.973053	12.25	667	4602.598	3.682078	113.3152
1539	871	1540.142	872.142	17.66551	23.0195	50	26.711	0.040273	2.971918	12.25	760	6349.84	5.079872	156.4727
1540	872	1541.11	873.11	17.31438	23.04019	50	39.645	0.048642	2.971539	12.25	790	5465.606	4.372485	134.8044
1541	873	1542.078	874.078	17.59775	23.03329	50	41.417	0.053542	2.971539	12.25	820	5153.963	4.12317	127.08
1542	874	1543.047	875.047	17.7181	23.04708	50	44.233	0.055547	2.971918	12.25	852	5161.097	4.128878	127.3321
1543	875	1544.015	876.015	17.62059	23.07466	50	40.544	0.052863	2.972675	12.25	921	5860.879	4.688703	144.7698
1544	876	1544.983	876.983	17.63201	23.08845	50	39.973	0.051501	2.97116	12.25	992	6482.944	5.186356	160.2311
1545	877	1545.952	877.952	17.58886	23.08156	50	39.598	0.048035	2.972675	12.25	994	6961.217	5.568973	172.0006
1546	878	1546.92	878.92	17.67305	23.2815	50	25.514	0.039281	2.983274	12.25	994	8482.312	6.78585	211.4
1547	879	1547.889	879.889	17.64806	24.29503	50	41.425	0.050842	3.043462	12.25	904	5842.218	4.673774	151.941
1548	880	1548.857	880.857	17.58657	27.44594	50	45.75	0.058324	3.286106	12.25	877	4575.821	3.660656	134.4395
1549	881	1549.825	881.825	17.67087	26.74957	50	47.412	0.060253	3.235003	12.25	850	4360.803	3.488642	124.8714
1550	882	1550.794	882.794	17.60929	26.72888	50	45.428	0.056295	3.235381	12.25	883	4848.052	3.878442	138.7164
1551	883	1551.762	883.762	17.67543	26.7082	50	33.254	0.044611	3.235003	12.25	914	6333.308	5.066646	181.0735
1552	884	1552.73	884.73	17.65028	26.90815	50	29.478	0.039409	3.249387	12.25	1003	7832.525	6.26602	225.6137
1553	885	1553.699	885.699	17.69822	27.01846	50	32.512	0.040846	3.256958	12.25	1089	8185.921	6.548737	236.7598
1554	886	1554.667	886.667	17.49008	26.99778	50	30.848	0.039979	3.258472	12.25	1199	9203.815	7.363052	265.9964
1555	887	1555.636	887.636	17.50133	26.98399	50	30.432	0.03938	3.258472	12.25	1306	10177.73	8.142182	293.9928
1556	888	1556.604	888.604	17.54922	26.9633	50	30.967	0.039819	3.256958	12.25	2132	16439.26	13.15141	474.4989
1557	889	1557.572	889.572	17.46885	26.95641	50	31.289	0.040705	3.25658	12.25	2342	17667.45	14.13396	509.8186
1558	890	1558.541	890.541	17.46173	26.97709	50	33.596	0.042269	3.255444	12.25	2553	18553.37	14.8427	535.7939
1559	891	1559.509	891.509	17.43623	26.99088	50	31.332	0.040229	3.255823	12.25	4471	34135.72	27.30858	986.2931
1560	892	1560.494	892.494	17.41068	27.05294	50	28.573	0.033886	3.252794	12.25	5843	53009.65	5.300965	191.893
1561	893	1561.479	893.479	17.38509	27.11499	50	12.313	0.021882	3.249766	12.25	7216	101475	10.1475	368.1785
1562	894	1562.465	894.465	17.35945	27.17704	50	24.162	0.029887	3.247495	12.25	5343	55049.24	5.504924	200.1904
1563	895	1563.45	895.45	17.57297	27.17704	50	30.337	0.037142	3.246738	12.25	4752	39405.93	3.940593	143.3024
1564	896	1564.435	896.435	17.62104	27.18394	50	27.602	0.036102	3.246359	12.25	4162	35511.68	3.551168	129.1735
1565	897	1565.42	897.42	17.72443	27.18394	50	27.52	0.036251	3.246738	12.25	3902	33153.24	3.315324	120.5947
1566	898	1566.405	898.405	17.82794	27.17704	50	31.274	0.037003	3.247116	12.25	3810	31709.78	3.170978	115.3148
1567	899	1567.39	899.39	17.54415	27.17015	50	19.846	0.031666	3.245223	12.25	3666	35674.13	3.567413	129.6986
1568	900	1568.376	900.376	17.73995	27.15636	50	36.931	0.044066	3.245602	12.25	3584	25059.23	2.505923	91.0603
1569	901	1569.361	901.361	17.73279	27.15636	50	37.813	0.044456	3.245981	12.25	3500	24254.24	2.425424	88.13512
1570	902	1570.346	902.346	17.63319	27.13567	50	19.019	0.033527	3.247116	12.25	3500	32149.25	3.214925	116.735
1571	903	1571.331	903.331	17.79238	27.12878	50	42.375	0.047744	3.24863	12.25	3459	22301.34	2.230134	80.95637
1572	904	1572.316	904.316	17.85923	27.12878	50	34.006	0.047064	3.249009	12.25	3416	22339.78	2.233978	81.09591
1573	905	1573.302	905.302	17.87059	27.12188	50	40.956	0.046917	3.247495	12.25	3279	21521.14	2.152114	78.10429
1574	906	1574.287	906.287	17.91901	27.24599	50	20.839	0.030919	3.246738	12.25	3140	31279.72	3.127972	114.0395
1575	907	1575.272	907.272	17.94894	27.31494	50	19.793	0.02664	3.246738	12.25	2806	32442.27	3.244227	118.5772
1576	908	1576.257	908.257	18.07166	27.28736	50	24.151	0.031337	3.246738	12.25	2974	29230.14	2.923014	106.7289
1577	909	1577.242	909.242	18.02743	27.27357	50	29.66	0.034744	3.246359	12.25	2799	24815.47	2.481547	90.56371
1578	910	1578.227	910.227	18.07601	27.24599	50	19.145	0.027875	3.246359	12.25	3416	37749.52	3.774952	137.6271
1579	911	1579.213	911.213	18.08747	27.22531	50	23.678	0.029163	3.246738	12.25	3446	36394.67	3.639467	132.5868
1580	912	1580.198	912.198	18.09892	27.21152	50	22.065	0.028585	3.245981	12.25	3105	33463.64	3.346364	121.8472
1581	913	1581.183	913.183	18.11038	27.19083	50	21.292	0.027412	3.245981	12.25	3472	39021	3.9021	141.9746
1582	914	1582.168	914.168	18.10321	27.19083	50	20.527	0.02659	3.245981	12.25	2718	31490.5	3.14905	114.5755
1583	915	1583.153	915.153	18.22647	27.19773	50	20.532	0.025666	3.244845	12.25	2450	29418.01	2.941801	107.0621
1584	916	1584.138	916.138	18.27528	27.17704	50	16.969	0.022633	3.245223	12.25	2920	39754.89	3.975489	144.5715
1585	917	1585.124	917.124	18.26816	27.17015	50	17.081	0.025513	3.245223	12.25	4232	51114.27	5.111427	185.8335
1586	918	1586.109	918.109	18.26101	27.17704	50	33.617	0.035952	3.245223	12.25	4655	39897.78	3.989778	145.0911
1587	919	1587.094	919.094	18.23516	27.17015	50	16.017	0.026778	3.246359	12.25	4361	50166.07	5.016607	182.3862
1588	920	1588.258	920.258	18.22796	27.15636	50	27.122	0.031175	3.245602	12.25	4371	43199.87	4.319987	156.9798
1589	921	1589.421	921.421	18.27685	27.17015	50	20.794	0.029702	3.246738	12.25	2741	28422.95	2.842295	103.3358
1590	922	1590.585	922.585	18.30707	27.16325	50	28.139	0.034736	3.247116	12.25	2354	20870.33	2.087033	75.85792
1591	923	1591.749	923.749	18.35604	27.20462	50	28.547	0.036218	3.247116	12.25	2429	20653.86	2.065386	75.18545
1592	924	1592.913	924.913	18.36144	27.25288	50	26.479	0.034681	3.246359	12.25	2507	22266.93	2.226693	81.20124

1593	925	1594.076	926.076	18.36682	27.2322	50	27.18	0.034454	3.247116	12.25	2599	23230.74	2.323074	84.65167
1594	926	1595.24	927.24	18.3722	27.22531	50	25.386	0.03696	3.24863	12.25	2728	22720.04	2.272004	82.76974
1595	927	1596.404	928.404	18.37757	27.25978	50	43.54	0.051126	3.247116	12.25	2684	16167.4	1.61674	58.97288
1596	928	1597.568	929.568	18.38293	27.2322	50	38.743	0.04852	3.24863	12.25	2636	16723.28	1.672328	60.93881
1597	929	1598.731	930.731	18.38828	27.2322	50	27.631	0.03151	3.24863	11	2732	26689.35	2.668935	97.2547
1598	930	1599.895	931.895	18.39363	4.824239	50	32.866	0.029669	0.749509	11	1005	45195.12	8.135121	52.51491
1599	931	1601.648	933.648	18.39897	4.838028	50	12.397	0.014914	0.749509	11	1184	105918.9	19.0654	123.4253
1600	932	1603.4	935.4	18.4043	4.989713	50	3.754	0.005557	0.748374	11	1215	292165.3	52.58975	351.1288
1601	933	1605.153	937.153	18.40962	5.08624	50	4.707	0.004631	0.747995	11	1274	367791	66.20238	450.5679
1602	934	1606.906	938.906	18.41494	5.210345	50	4.186	0.004549	0.745724	11	1434	422711.7	76.08811	530.485
1603	935	1607.931	939.931	18.42024	5.148292	50	4.844	0.005186	0.746481	11	1485	383576	69.04368	475.6384
1604	936	1608.956	940.956	18.42554	5.155187	50	6.416	0.006363	0.746859	11	1461	307429.8	55.33736	381.7268
1605	937	1609.981	941.981	18.43083	5.182766	50	6.272	0.006323	0.746859	11	1409	298377.9	53.70803	372.4694
1606	938	1611.006	943.006	18.43612	5.182766	50	5.043	0.005355	0.747617	11	1362	340183.9	61.2331	424.6564
1607	939	1612.032	944.032	18.4414	5.299977	50	4.511	0.004739	0.746859	11	1362	384808.8	69.26558	491.2259
1608	940	1613.057	945.057	18.44666	5.327556	50	4.306	0.00468	0.728311	11	1463	429246.3	77.26433	550.8037
1609	941	1614.082	946.082	18.45193	5.961874	50	5.315	0.005124	0.736639	11	1153	305488.3	54.9879	438.6718
1610	942	1615.107	947.107	18.45718	5.837768	50	4.05	0.004692	0.730204	11	1197	349348.4	62.88271	491.2108
1611	943	1616.132	948.132	18.46242	5.865347	50	5.608	0.005428	0.730204	11	1312	331039.7	59.58715	467.6663
1612	944	1617.157	949.157	18.46766	5.7964	50	4.891	0.005183	0.730582	11	1374	362870.1	65.31661	506.6077
1613	945	1618.183	950.183	18.47289	5.672294	50	4.786	0.005223	0.731718	11	1751	458199.4	82.47588	626.0017
1614	946	1619.179	951.179	18.47812	5.568873	50	6.153	0.006033	0.733232	11	1620	366210.3	65.91786	491.2021
1615	947	1620.175	952.175	18.48333	5.575767	50	5.475	0.006059	0.756701	11	1600	349000.1	62.82002	468.6974
1616	948	1621.171	953.171	18.48854	5.299977	50	6.967	0.006937	0.738532	11	1850	361108	64.99944	460.9708
1617	949	1622.167	954.167	18.49374	5.196556	50	6.754	0.007103	0.739289	11	1727	328896	59.20128	411.6579
1618	950	1623.163	955.163	18.49893	5.148292	50	7.072	0.008324	0.73891	11	1512	245825	44.2485	304.8257
1619	951	1624.159	956.159	18.50411	5.120713	50	13.073	0.012409	0.739289	11	1842	200783.1	36.14096	247.6395
1620	952	1625.155	957.155	18.50929	5.141398	50	12.365	0.011626	0.739289	11	1866	217094.5	39.07701	268.839
1621	953	1626.151	958.151	18.51446	5.541293	50	4.671	0.006386	0.734746	11	1763	375755.6	67.63601	501.5093
1622	954	1627.147	959.147	18.51962	5.582662	50	5.862	0.005985	0.733989	11	2335	531579.1	95.68424	714.7787
1623	955	1628.143	960.143	18.52477	5.534399	50	6.473	0.006476	0.734746	11	5516	1159223	208.6602	1545.254
1624	956	1629.139	961.139	18.52992	5.541293	50	5.68	0.0093	0.735125	11	3195	467344.7	84.12204	623.7503
1625	957	1630.135	962.135	18.53505	6.954719	50	24.562	0.021494	0.66888	11	4768	331639.1	59.69505	555.5302
1626	958	1631.131	963.131	18.54018	6.809929	50	20.314	0.020132	0.663959	11	4914	367623.1	66.17216	602.9866
1627	959	1632.128	964.128	18.54531	6.837508	50	10.551	0.014162	0.679101	11	4702	488903.3	88.00259	805.1617
1628	960	1633.124	965.124	18.55042	6.982298	50	19.342	0.017723	0.682508	11	4500	372015.1	66.96271	625.6353
1629	961	1634.12	966.12	18.55553	6.313506	50	14.526	0.016501	0.69235	11	4331	379106.1	68.2391	576.4926
1630	962	1635.116	967.116	18.56063	6.734087	50	17.932	0.016322	0.68705	11	4159	370875.3	66.75756	601.5461
1631	963	1636.112	968.112	18.56572	6.196295	50	8.091	0.009765	0.694999	11	4079	601042.9	108.1877	897.0154
1632	964	1637.108	969.108	18.5708	5.886031	50	6.147	0.009352	0.730961	11	3996	584577.2	105.2239	828.7561
1633	965	1638.104	970.104	18.57588	6.0584	50	21.376	0.018822	0.731718	11	4015	291527.3	52.47492	425.402
1634	966	1639.1	971.1	18.58094	6.265243	50	17.144	0.018046	0.72869	11	4029	306384.5	55.14921	462.3459
1635	967	1640.096	972.096	18.58601	6.07219	50	14.36	0.015006	0.730582	11	3930	358472.1	64.52498	524.2797
1636	968	1641.092	973.092	18.59106	5.954979	50	12.155	0.013976	0.733232	11	3826	373361.8	67.20513	535.516
1637	969	1642.088	974.088	18.5961	5.989453	50	17.803	0.015812	0.733232	11	3728	321553.8	57.87968	463.8772
1638	970	1643.084	975.084	18.60114	5.823979	50	8.029	0.01105	0.73626	11	3630	446167	80.31006	625.8633
1639	971	1644.08	976.08	18.60617	6.106664	50	13.955	0.013124	0.733611	11	3473	360722.1	64.92997	530.5655
1640	972	1645.076	977.076	18.61119	6.085979	50	12.011	0.012913	0.733611	11	3316	350054.2	63.00975	513.1308
1641	973	1646.073	978.073	18.61621	6.106664	50	12.639	0.012917	0.733232	11	3159	333527.5	60.03495	490.5666
1642	974	1647.215	979.215	18.62121	6.079085	50	12.099	0.01165	0.73891	11	3002	348742.7	62.77369	510.6292
1643	975	1648.358	980.358	18.62621	5.886031	50	6.303	0.007913	0.746859	11	2713	459081.3	82.63463	650.8403
1644	976	1649.501	981.501	18.6312	5.968768	50	8.426	0.008375	0.744967	11	2440	391086.8	70.39562	562.238
1645	977	1650.644	982.644	18.63618	5.906716	50	8.402	0.008545	0.744967	11	2248	353148.9	63.56681	502.4193
1646	978	1651.787	983.787	18.64116	5.872242	50	7.357	0.007558	0.747617	11	1957	346342.7	62.34168	489.8603
1647	979	1652.93	984.93	18.64613	5.886031	50	5.857	0.006132	0.748374	11	2030	442352.9	79.62353	627.1245
1648	980	1654.073	986.073	18.65109	5.892926	50	4.66	0.005743	0.749131	11	1679	390259.7	70.24674	553.9199
1649	981	1655.216	987.216	18.65604	5.741241	50	8.699	0.008515	0.75178	11	1319	206051.7	37.0893	284.934
1650	982	1656.359	988.359	18.66099	5.837768	50	9.762	0.01016	0.751023	11	1243	162893.6	29.32085	229.0409
1651	983	1657.502	989.502	18.66592	5.954979	50	10.983	0.010542	0.748752	11	1170	148231.9	26.68173	212.6102
1652	984	1658.389	990.389	18.67085	5.486135	50	7.239	0.007514	0.732853	11	1190	216100.8	38.89814	285.552
1653	985	1659.277	991.277	18.68215	5.017292	50	3.494	0.004742	0.716955	11	1205	354444.6	63.80003	428.3316
1654	986	1660.165	992.165	18.69346	5.182766	50	6.194	0.005767	0.749131	11	1215	281223.4	50.62022	351.0552
1655	987	1661.053	993.053	18.70476	5.389609	50	5.066	0.00546	0.748752	11	1186	290096.3	52.21733	376.5839
1656	988	1661.941	993.941	18.71606	5.520609	50	5.103	0.005183	0.745345	11	1155	298990.9	53.81836	397.5642
1657	989	1662.829	994.829	18.72736	5.568873	50	4.48	0.004839	0.742695	11	1181	328595.7	59.14723	440.7492
1658	990	1663.717	995.717	18.73866	5.644715	50	4.949	0.005359	0.739667	11	1179	297449	53.54081	404.4052
1659	991	1664.605	996.605	18.74996	5.624031	50	6.699	0.006461	0.739667	11	1177	246294.1	44.33293	333.6291
1660	992	1665.493	997.493	18.76127	5.65161	50	5.6	0.006002	0.739289	11	1300	292985.6	52.73741	398.8235
1661	993	1666.381	998.381	18.77257	5.437872	50	5.593	0.005774	0.741938	11	1368	319332.6	57.47987	418.2487
1662	994	1667.269	999.269	18.78387	5.596452	50	5.403	0.005414	0.740424	11	1440	359248.4	64.66471	484.2503
1663	995	1668.157	1000.157	18.79517	5.520609	50	4.087	0.004531	0.741181	11	2004	596670.2	107.4006	793.3844
1664	996	1669.045	1001.045	18.80647	5.272398	50	4.442	0.004628	0.744967	11	2890	838206.5	150.8772	1064.441
1665	997	1669.932	1001.932	18.81778	5.237924	50	4.897	0.005469	0.746102	11	2237	548194.2	98.67496	691.6015
1666	998	1670.82	1002.82	18.82908	5.079345	50	7.584	0.007388	0.747995	11	4251	769290.7	138.4723	941.1535
1667	999	1671.708	1003.708	18.84038	4.906976	50	7.469	0.00885	0.751023	11	5081	764413.8	137.5945	903.4513
1668	1000	1672.596	1004.596	18.85168	4.913871	50	13.698	0.012275	0.751023	11	2416	262074.7	47.17345	310.1781
1669	1001	1673.484	1005.484	18.86298	5.037976	50	8.691	0.011055	0.749131	11	4191	506040.3	91.08726	614.0498
1670	1002	1674.372	1006.372	18.87429	4.865607	50	15.441	0.015272	0.751023	11	3974	346479.9	62.36639	406.0481
1671	1003	1675.26	1007.26	18.88559	4.893186	50	17.821	0.017563	0.751023	11	3762	285209.7	51.33775	336.1386
1672	1004	1676.148	1008.148	18.89689	4.906976	50	14.794	0.016477	0.750645	11	3401	274978.7	49.49617	324.994

1673	1005	1677.036	1009.036	18.90819	4.92766	50	18.243	0.01904	0.750266	11	3043	213023.2	38.34418	252.8308
1674	1006	1677.924	1009.924	18.91949	5.106924	50	22.288	0.021966	0.747995	11	2686	163475.4	29.42558	201.0824
1675	1007	1678.872	1010.872	18.9308	5.417188	50	19.575	0.020206	0.743074	11	2358	157048.5	28.26873	204.9132
1676	1008	1679.82	1011.82	18.9421	5.093134	50	16.207	0.017079	0.747238	11	2029	158986.4	28.61755	195.0326
1677	1009	1680.769	1012.769	18.9534	5.410293	50	14.318	0.014047	0.743453	11	1701	162880.1	29.31842	212.2517
1678	1010	1681.717	1013.717	18.9647	5.465451	50	7.716	0.008163	0.741181	11	2298	379835.5	68.37038	500.0159
1679	1011	1682.665	1014.665	18.976	4.520869	50	2	0.005486	0.591658	11	2540	782502.3	140.8504	852.0595
1680	1012	1683.613	1015.613	18.98731	5.189661	50	15.996	0.013498	0.586737	11	7292	920706.6	165.7272	1150.86
1681	1013	1684.562	1016.562	18.99861	5.665399	50	12.04	0.014856	0.662066	11	6573	668300.7	120.2941	911.9369
1682	1014	1685.51	1017.51	19.00991	5.251714	50	21.713	0.019319	0.596958	11	4364	378406.7	68.11321	478.6545
1683	1015	1686.458	1018.458	19.02121	5.534399	50	12.776	0.016058	0.647303	11	7135	686443.6	123.5598	915.0348
1684	1016	1687.406	1019.406	19.03251	6.699613	50	20	0.019605	0.761244	11	3373	226014.4	40.68259	364.7103
1685	1017	1688.355	1020.355	19.04382	5.258608	50	20.543	0.022241	0.651089	11	3099	214007.3	38.52131	271.0577
1686	1018	1689.303	1021.303	19.05512	4.955239	50	26.386	0.024879	0.597336	11	2730	183701.7	33.06631	219.2502
1687	1019	1690.251	1022.251	19.06642	5.120713	50	17.719	0.019301	0.581059	11	2638	235225.6	42.34061	290.1198
1688	1020	1691.199	1023.199	19.07772	5.093134	50	14.3	0.015856	0.580302	11	2666	289735.1	52.15232	355.4255
1689	1021	1692.148	1024.148	19.08902	5.36203	50	16.735	0.016649	0.624212	11	2571	247382.7	44.52889	319.4927
1690	1022	1693.096	1025.096	19.10033	5.36203	50	14.998	0.015547	0.593929	11	2693	291640.4	52.49527	376.6511
1691	1023	1694.044	1026.044	19.11163	5.596452	50	13.14	0.013097	0.981554	11	2922	227302.8	90.92114	680.875
1692	1024	1694.993	1026.993	19.12293	5.692978	50	8.144	0.010289	1.325269	11	2742	201096.6	80.43862	612.765
1693	1025	1695.941	1027.941	19.13423	5.76882	50	13.755	0.011393	1.326783	11	2947	194959.5	77.98381	601.9789
1694	1026	1696.889	1028.889	19.14553	6.568612	50	2.69	0.008026	1.388106	11	2983	267746.9	107.0988	941.3429
1695	1027	1697.837	1029.837	19.15684	6.651349	50	21.878	0.020361	1.434288	11	3069	105092.3	42.03692	374.1369
1696	1028	1698.786	1030.786	19.16814	6.561718	50	27.487	0.026106	1.436559	11	3054	81433.39	32.57336	286.0025
1697	1029	1699.734	1031.734	19.17944	6.844403	50	19.074	0.024494	1.432395	11	3196	91094.33	36.43773	333.7157
1698	1030	1700.682	1032.682	19.19074	6.189401	50	37.796	0.038327	0.705599	11	19562	723355.3	34.46711	285.4587
1699	1031	1701.63	1033.63	19.20204	6.099769	50	51.281	0.048147	0.706356	11	45436	1335991	46.71982	381.333
1700	1032	1702.579	1034.579	19.21335	6.334191	50	35.384	0.035558	0.704084	11	71311	2848329	76.96659	652.3537
1701	1033	1703.527	1035.527	19.22465	6.341085	50	12.719	0.019114	0.70257	11	78063	5812923	136.2585	1156.157
1702	1034	1704.475	1036.475	19.23595	6.36177	50	24.226	0.022027	0.70257	11	84815	5480614	129.6123	1103.351
1703	1035	1705.423	1037.423	19.24725	6.341085	50	17.698	0.021361	0.701813	11	91565	6107814	142.1563	1206.2
1704	1036	1706.372	1038.372	19.25855	6.21698	50	28.454	0.030261	0.703327	11	89286	4195079	103.9016	864.3536
1705	1037	1707.32	1039.32	19.26986	6.182506	50	43.403	0.03863	0.704841	11	87007	3195478	83.90957	694.17
1706	1038	1708.268	1040.268	19.28116	6.134243	50	21.226	0.027013	0.707491	11	84728	4433411	108.6682	891.9763
1707	1039	1709.216	1041.216	19.29246	6.175611	50	27.833	0.027216	0.707491	11	82449	4281857	105.6371	872.9441
1708	1040	1710.165	1042.165	19.30376	6.07219	50	24.76	0.024885	0.709763	11	69988	3962462	99.24924	806.4219
1709	1041	1711.113	1043.113	19.31506	6.099769	50	16.971	0.019341	0.709384	11	57529	4192969	103.8594	847.7131
1710	1042	1712.061	1044.061	19.32637	5.948084	50	19.153	0.021316	0.711655	11	45067	2970813	79.41625	632.0862
1711	1043	1713.01	1045.01	19.33767	6.003242	50	29.631	0.028684	0.710898	11	48521	2379448	67.58897	542.9396
1712	1044	1713.958	1045.958	19.34897	5.954979	50	28.126	0.033153	0.712034	11	51971	2201625	64.0325	510.2353
1713	1045	1714.906	1046.906	19.36027	5.975663	50	49.495	0.043426	0.712034	11	55425	1792469	55.84939	446.5749
1714	1046	1715.854	1047.854	19.37157	6.127348	50	24.909	0.032999	0.709763	11	58880	2513913	70.27825	576.2133
1715	1047	1716.803	1048.803	19.38288	6.07219	50	41.613	0.038796	0.710898	11	57320	2078340	61.56679	500.2438
1716	1048	1717.751	1049.751	19.39418	6.341085	50	32.887	0.032514	0.705977	11	55766	2429452	68.58903	581.98
1717	1049	1718.699	1050.699	19.40548	6.458296	50	14.778	0.018492	0.70522	11	54207	4156772	103.1354	891.2832
1718	1050	1719.647	1051.647	19.41678	6.382454	50	14.887	0.014162	0.704841	11	52648	5274366	125.4873	1071.71
1719	1051	1720.596	1052.596	19.58998	6.499665	50	7.533	0.009595	0.704084	11	42904	6350618	147.0124	1278.6
1720	1052	1721.271	1053.271	19.50013	6.423822	50	10.444	0.012695	0.704084	11	47593	5324382	126.4876	1087.255
1721	1053	1721.946	1053.946	19.49121	6.306612	50	24.074	0.022125	0.706356	11	52279	3345187	86.90373	733.372
1722	1054	1722.62	1054.62	19.50253	6.444507	50	21.148	0.022078	0.704463	11	56965	3662614	93.25228	804.1534
1723	1055	1723.295	1055.295	19.57471	6.430717	50	18.95	0.020461	0.705977	11	84887	5876647	137.5329	1183.466
1724	1056	1723.97	1055.97	19.72815	6.444507	50	21.32	0.020003	0.711655	11	90942	6388471	147.7694	1274.278
1725	1057	1724.645	1056.645	19.71929	5.817084	50	11.393	0.012398	0.759351	11	11012	1169717	43.39434	337.7756
1726	1058	1725.32	1057.32	19.79168	5.761926	50	4.77	0.006425	0.759351	11	3813	781541.2	35.63082	274.7156
1727	1059	1725.995	1057.995	19.76248	5.686083	50	6.665	0.007605	0.758594	11	3069	531992.7	30.63985	233.1255
1728	1060	1726.67	1058.67	19.46877	5.775715	50	12.527	0.011373	0.758973	11	1274	147595.5	22.95191	177.384
1729	1061	1727.345	1059.345	19.45968	5.706768	50	8.965	0.010386	0.758973	11	615	78019.87	21.5604	164.6405
1730	1062	1728.02	1060.02	19.59314	5.906716	50	11.646	0.010491	0.755187	11	308	38877.42	20.77755	164.2216
1731	1063	1728.695	1060.695	19.64522	6.099769	50	5.089	0.00636	0.752916	11	542	113187.9	22.26376	181.7195
1732	1064	1729.369	1061.369	19.61579	6.099769	50	4.76	0.00501	0.748374	11	773	206183.4	24.12367	196.9004
1733	1065	1730.044	1062.044	19.56591	5.954979	50	4.828	0.005039	0.744967	11	1007	268261.3	25.36523	202.1198
1734	1066	1730.719	1062.719	19.51596	5.63782	50	5.054	0.008114	0.749131	11	188	30928.24	20.61856	155.5462
1735	1067	1731.394	1063.394	19.44551	5.713662	50	21.858	0.0179	0.749509	11	687	51207.39	21.02415	160.7396
1736	1068	1732.069	1064.069	19.45671	5.91361	50	10.979	0.012485	0.747238	11	1930	206876.9	24.13754	191.0009
1737	1069	1732.744	1064.744	19.38612	6.113558	50	6.392	0.00745	0.744967	11	2105	379268.8	27.58538	225.6643
1738	1070	1733.419	1065.419	19.47913	6.092874	50	6.517	0.006851	0.745345	11	2047	400846.9	28.01694	228.4192
1739	1071	1734.094	1066.094	19.61318	6.017032	50	7.143	0.00739	0.747995	11	2548	460963.6	29.21927	235.2564
1740	1072	1734.768	1066.768	19.68591	6.092874	50	7.626	0.008196	0.746481	11	83109	13583962	291.6792	2378.031
1741	1073	1735.896	1067.896	19.65623	6.051506	50	9.728	0.010122	0.775628	11	24902	3171734	83.43467	675.6158
1742	1074	1737.024	1069.024	19.68803	5.968768	50	11.972	0.012507	1.048556	11	1778	135576.4	22.71153	181.3932
1743	1075	1738.152	1070.152	19.76089	6.037716	50	14.678	0.014148	1.049313	11	1526	102788.2	22.05576	178.1905
1744	1076	1739.28	1071.28	19.77223	5.968768	50	11.097	0.012374	1.227227	11	1271	83695.7	21.67391	173.1059
1745	1077	1740.407	1072.407	19.80411	5.968768	50	12.46	0.01385	1.365394	11	2721	143882.1	22.87764	182.7199
1746	1078	1741.535	1073.535	19.7949	5.9274	50	19.122	0.017841	1.366529	11	2800	114848.6	22.29697	176.8479
1747	1079	1742.663	1074.663	19.92964	5.968768	50	14.176	0.014801	1.366529	11	2883	142541.7	22.85083	182.5058
1748	1080	1743.791	1075.791	20.02337	5.948084	50	9.726	0.010661	1.368044	11	3044	208712.4	24.17425	192.4066
1749	1081	1744.919	1076.919	20.05541	5.837768	50	8.543	0.008976	1.348359	11	2929	242010.9	24.84022	194.0403
1750	1082	1746.046	1078.046	20.06688	5.906716	50	7.985	0.0085	1.347602	11	4851	423489.4	28.46979	225.0195
1751	1083	1748.485	1080.485	20.09896	5.920505	50	8.65	0.011808	1.362744	11	720	44743.51	20.89487	165.5344
1752	1084	1750.924	1082.924	20.19294	27.34941	50	25.67	0.02975	3.20207	12.25	767	8051.427	0.805143	29.46528

1753	1085	1751.922	1083.922	20.14256	27.05983	50	27.33	0.037363	3.205477	12.25	1207	10077.91	1.007791	36.49098
1754	1086	1752.919	1084.919	20.15405	27.03915	50	39.152	0.047336	3.205477	12.25	2220	14630.7	1.46307	52.93561
1755	1087	1753.917	1085.917	20.14487	27.04604	50	36.687	0.048524	3.205098	12.25	2509	16132.41	1.613241	58.38385
1756	1088	1754.914	1086.914	20.1977	27.05294	50	40.262	0.051153	3.205855	12.25	2801	17080.29	1.708029	61.83001
1757	1089	1755.912	1087.912	20.31263	27.05294	50	40.68	0.052514	3.205477	12.25	3021	17946.54	1.794654	64.96582
1758	1090	1756.909	1088.909	20.40697	27.07362	50	41.776	0.054049	3.205855	12.25	3244	18721.87	1.872187	67.82432
1759	1091	1757.907	1089.907	20.37717	27.08741	50	44.127	0.056742	3.205477	12.25	3365	18500.58	1.850058	67.05677
1760	1092	1758.904	1090.904	20.40947	27.08052	50	46.18	0.058981	3.205855	12.25	3481	18409.69	1.840969	66.71034
1761	1093	1759.902	1091.902	20.4418	27.08741	50	46.052	0.059154	3.205855	12.25	3489	18398.05	1.839805	66.68516
1762	1094	1760.899	1092.899	20.47415	27.1012	50	45.317	0.058702	3.20472	12.25	3492	18562.19	1.856219	67.31433
1763	1095	1761.897	1093.897	20.52728	27.1012	50	46.279	0.059739	3.20472	12.25	3499	18276.49	1.827649	66.27825
1764	1096	1762.894	1094.894	20.60123	27.11499	50	48	0.057254	3.205098	12.25	3277	17857.91	1.785791	64.79327
1765	1097	1763.892	1095.892	20.65446	27.11499	50	28.569	0.041501	3.205855	12.25	3058	22984.43	2.298443	83.39365
1766	1098	1764.889	1096.889	20.64538	27.14946	50	31.152	0.044708	3.205855	12.25	3354	23401.15	2.340115	85.01357
1767	1099	1765.887	1097.887	20.74028	27.16325	50	55.196	0.065699	3.208127	12.25	3436	16302.09	1.630209	59.25361
1768	1100	1766.884	1098.884	20.71039	27.17015	50	54.273	0.069551	3.208127	12.25	3514	15748.81	1.574881	57.25711
1769	1101	1767.882	1099.882	20.78458	27.17704	50	51.874	0.06535	3.208127	12.25	3594	17142.75	1.714275	62.34081
1770	1102	1768.879	1100.879	20.71298	27.18394	50	42.814	0.058791	3.207748	12.25	3878	20563.37	2.056337	74.79912
1771	1103	1769.877	1101.877	20.80808	27.17704	50	50.884	0.060071	3.207748	12.25	4165	21614.6	2.16146	78.60302
1772	1104	1770.874	1102.874	20.84069	27.21152	50	33.63	0.048213	3.207748	12.25	3663	23684.81	2.368481	86.24074
1773	1105	1771.872	1103.872	20.87332	27.19773	50	39.308	0.0497	3.208505	12.25	3148	19741.23	1.974123	71.84501
1774	1106	1772.869	1104.869	20.90598	27.19773	50	40.78	0.05252	3.208127	12.25	2828	16784.21	1.678421	61.08341
1775	1107	1773.867	1105.867	20.87597	26.99088	50	42.358	0.053834	3.206991	12.25	1712	9916.292	0.991629	35.81428
1776	1108	1774.864	1106.864	20.88773	27.02536	50	40.697	0.047633	3.215319	12.25	1191	7776.365	0.777637	28.12146
1777	1109	1775.862	1107.862	21.08778	26.94951	50	16.863	0.030565	3.223647	12.25	998	10128.96	1.012896	36.5263
1778	1110	1776.859	1108.859	20.99498	26.8323	50	34.306	0.040629	3.23311	12.25	1421	10817.66	1.081766	38.84017
1779	1111	1777.857	1109.857	21.02774	26.80472	50	35.278	0.045146	3.235381	12.25	2431	16643.41	1.664341	59.69575
1780	1112	1778.854	1110.854	20.93478	26.79783	50	34.997	0.045072	3.238031	12.25	2671	18301.57	1.830157	65.62628
1781	1113	1779.852	1111.852	20.96751	26.72199	50	34.804	0.045183	3.242952	12.25	2909	19853.04	1.985304	70.9881
1782	1114	1780.849	1112.849	21.08417	26.66683	50	36.376	0.046809	3.246359	12.25	2931	19288.11	1.928811	68.82574
1783	1115	1781.847	1113.847	21.07502	26.68062	50	37.859	0.048468	3.244845	12.25	2954	18782.86	1.878286	67.05751
1784	1116	1782.844	1114.844	21.06583	26.68062	50	38.087	0.049058	3.246738	12.25	3031	19029.49	1.902949	67.938
1785	1117	1783.842	1115.842	21.03561	26.72199	50	38.443	0.046426	3.242574	12.25	3106	20632.22	2.063222	73.7742
1786	1118	1784.84	1116.84	21.00534	26.85299	50	24.525	0.036238	3.233489	12.25	2906	24800.14	2.480014	89.11207
1787	1119	1785.837	1117.837	20.97503	26.98399	50	32.357	0.039994	3.223268	12.25	3026	23473.69	2.347369	84.75735
1788	1120	1786.835	1118.835	21.11307	27.03225	50	32.449	0.041802	3.217969	12.25	3145	23379.65	2.337965	84.56879
1789	1121	1787.832	1119.832	21.12487	27.08052	50	32.679	0.043314	3.214183	12.25	3168	22755.66	2.275566	82.45862
1790	1122	1788.83	1120.83	21.30527	27.12878	50	38.711	0.04849	3.211155	12.25	3113	19992.32	1.999232	72.57436
1791	1123	1789.827	1121.827	21.33826	27.18394	50	38.48	0.049241	3.208505	12.25	3061	19374.55	1.937455	70.47481
1792	1124	1790.825	1122.825	21.30798	27.19083	50	36.872	0.046685	3.206234	12.25	3055	20409.6	2.04096	74.25862
1793	1125	1791.822	1123.822	21.34098	27.21152	50	31.623	0.042506	3.203963	12.25	3048	22380.72	2.238072	81.4923
1794	1126	1792.82	1124.82	21.33176	27.22531	50	34.749	0.045786	3.203584	12.25	3188	21734.28	2.173428	79.1786
1795	1127	1793.817	1125.817	21.34365	27.26667	50	42.782	0.053985	3.200177	12.25	3324	19240.29	1.924029	70.19944
1796	1128	1794.815	1126.815	21.37668	27.25288	50	45.737	0.057689	3.200934	12.25	3322	17989.97	1.798997	65.60435
1797	1129	1795.812	1127.812	21.11356	27.28046	50	43.146	0.056089	3.199799	12.25	3318	18487.34	1.848734	67.48635
1798	1130	1796.81	1128.81	21.16764	27.26667	50	43.099	0.056078	3.198663	12.25	3429	19116.47	1.911647	69.74767
1799	1131	1797.807	1129.807	21.22178	27.29425	50	45.825	0.058191	3.19942	12.25	3544	19035.74	1.903574	69.52338
1800	1132	1798.805	1130.805	21.19119	27.30115	50	44.815	0.057739	3.19942	12.25	3448	18665.11	1.866511	68.18694
1801	1133	1799.802	1131.802	21.16056	27.30115	50	44.022	0.057198	3.197527	12.25	3352	18327.59	1.832759	66.95393
1802	1134	1800.8	1132.8	21.19352	27.27357	50	45.687	0.056795	3.198284	12.25	3325	18304.88	1.830488	66.80343
1803	1135	1801.797	1133.797	21.22651	27.28736	50	37.938	0.048744	3.197527	12.25	3299	21166.26	2.116626	77.28503
1804	1136	1802.795	1134.795	21.23828	27.50799	50	29.748	0.039942	3.206612	12.25	3275	25570.01	2.557001	94.11951
1805	1137	1803.792	1135.792	21.25005	27.7631	50	29.233	0.03812	3.221375	12.25	2623	21360.29	2.136029	79.35329
1806	1138	1804.79	1136.79	21.28309	27.76999	50	30.988	0.040297	3.220618	12.25	1970	15179.21	1.517921	56.40464
1807	1139	1805.787	1137.787	21.35869	27.7631	50	34.633	0.045343	3.219861	12.25	2881	19733.05	1.973305	73.30808
1808	1140	1806.785	1138.785	21.41309	27.7562	50	41.815	0.055971	3.217969	12.25	3176	17633.32	1.763332	65.49134
1809	1141	1807.782	1139.782	21.38233	27.76999	50	58.977	0.06803	3.216833	12.25	3473	15869.98	1.586998	58.97148
1810	1142	1808.78	1140.78	21.2663	27.77689	50	39.35	0.056542	3.217211	12.25	3961	21774.82	2.177482	80.93345
1811	1143	1809.777	1141.777	21.17145	27.76999	50	47.153	0.060271	3.216833	12.25	4448	22941.86	2.294186	85.24995
1812	1144	1810.775	1142.775	21.31113	27.78378	50	52.948	0.065403	3.215697	12.25	4461	21210.89	2.121089	78.85695
1813	1145	1811.772	1143.772	21.49365	27.7631	50	45.885	0.060032	3.216833	12.25	4477	23183.29	2.318329	86.12569
1814	1146	1812.77	1144.77	21.39872	27.77689	50	43.309	0.058162	3.216454	12.25	4490	24000.91	2.400091	89.20745
1815	1147	1813.767	1145.767	21.45325	27.78378	50	51.961	0.06548	3.214562	12.25	4871	23141.18	2.314118	86.03333
1816	1148	1814.765	1146.765	21.48645	27.79068	50	54.037	0.065228	3.215319	12.25	5252	25042.03	2.504203	93.1233
1817	1149	1815.762	1147.762	21.64802	27.77689	50	35.903	0.051069	3.21494	12.25	5306	32317.29	3.231729	120.1181
1818	1150	1816.76	1148.76	21.59573	27.78378	50	40.374	0.051328	3.21494	12.25	5363	32499.93	3.249993	120.8269
1819	1151	1817.762	1149.762	21.69327	27.79757	50	41.829	0.056169	3.21494	12.25	5480	30346.65	3.034665	112.8775
1820	1152	1818.765	1150.765	21.7909	27.83894	50	54.102	0.065723	3.213805	12.25	5602	26521.83	2.652183	98.79751
1821	1153	1819.767	1151.767	21.91007	27.81825	50	48.086	0.064647	3.215319	12.25	5473	26330.05	2.633005	98.01022
1822	1154	1820.77	1152.77	21.85775	27.80446	50	54.861	0.06732	3.213048	12.25	5347	24719.98	2.471998	91.97131
1823	1155	1821.772	1153.772	21.67659	27.80446	50	46.235	0.061206	3.213805	12.25	5216	26516.92	2.651692	98.65688
1824	1156	1822.775	1154.775	21.7529	27.79068	50	45.468	0.061198	3.214183	12.25	5809	29531.84	2.953184	109.8195
1825	1157	1823.777	1155.777	21.85077	27.85962	50	57.126	0.069375	3.211155	12.25	6402	28737.6	2.87376	107.1311
1826	1158	1824.78	1156.78	21.81974	27.83204	50	49.371	0.064582	3.213805	12.25	9544	45983.55	4.598355	171.2527
1827	1159	1825.782	1157.782	21.48755	27.84583	50	46.391	0.060504	3.21229	12.25	12686	65271.47	6.527147	243.2055
1828	1160	1826.785	1158.785	21.8006	27.83204	50	47.063	0.059295	3.214183	12.25	15830	83059.91	8.305991	309.3331
1829	1161	1827.787	1159.787	21.94172	27.83894	50	41.719	0.057173	3.212669	12.25	23037	125419.8	12.54198	467.2063
1830	1162	1828.79	1160.79	21.93218	27.87341	50	52.534	0.06605	3.21229	12.25	30247	142558.2	14.25582	531.7066
1831	1163	1829.792	1161.792	21.79327	27.85962	50	55.992	0.071236	3.212669	12.25	28684	125335.9	12.53359	467.2406
1832	1164	1830.795	1162.795	21.7189	27.85273	50	55.513	0.065945	3.213426	12.25	27124	127998	12.7998	477.0466

1833	1165	1831.797	1163.797	21.73075	27.44594	50	29.312	0.046308	3.197527	12.25	25561	172627.2	17.26272	633.9823
1834	1166	1832.799	1164.799	21.69943	27.66657	50	43.07	0.05232	3.186928	12.25	6677	40044.28	4.004428	148.2469
1835	1167	1833.802	1165.802	21.75446	27.67346	50	42.261	0.055468	3.187685	12.25	3557	20116.94	2.011694	74.49298
1836	1168	1834.804	1166.804	21.7447	27.67346	50	46.413	0.05912	3.184657	12.25	4064	21585.37	2.158537	79.93057
1837	1169	1835.807	1167.807	21.54028	27.65967	50	47.631	0.05999	3.188442	12.25	4569	23887.1	2.38871	88.40976
1838	1170	1836.809	1168.809	21.59528	27.66657	50	42.664	0.057674	3.188064	12.25	4956	26954	2.6954	99.7857
1839	1171	1837.812	1169.812	21.80188	27.72862	50	50.52	0.06406	3.185036	12.25	5341	26177.02	2.617702	97.12662
1840	1172	1838.814	1170.814	21.74875	27.72173	50	53.827	0.067144	3.186928	12.25	5170	24160.64	2.416064	89.62279
1841	1173	1839.817	1171.817	21.7389	27.7631	50	47.118	0.062598	3.182764	12.25	5005	25121.05	2.512105	93.32447
1842	1174	1840.819	1172.819	21.77239	27.72862	50	49.458	0.063138	3.185414	12.25	4834	24035.15	2.403515	89.17949
1843	1175	1841.822	1173.822	21.78421	27.73552	50	49.325	0.063252	3.184657	12.25	4849	24072.27	2.407227	89.33943
1844	1176	1842.824	1174.824	21.79603	27.74241	50	48.045	0.06218	3.185036	12.25	4863	24554.78	2.455478	91.15283
1845	1177	1843.827	1175.827	21.8513	27.7562	50	48.305	0.062438	3.1839	12.25	5100	25654.52	2.565452	95.28262
1846	1178	1844.829	1176.829	21.92834	27.78378	50	49.744	0.063371	3.185036	12.25	5338	26446.83	2.644683	98.32291
1847	1179	1845.832	1177.832	21.94022	27.76999	50	48.078	0.062694	3.183143	12.25	5575	27935.96	2.793596	103.8076
1848	1180	1846.834	1178.834	21.99561	27.77689	50	50.147	0.063624	3.184278	12.25	6940	34255.51	3.425551	127.3221
1849	1181	1847.836	1179.836	22.02928	27.7562	50	47.87	0.061654	3.183143	12.25	8307	42328.1	4.23281	157.2095
1850	1182	1848.839	1180.839	21.99763	27.76999	50	45.728	0.060949	3.185414	12.25	10470	53928.07	5.392807	200.392
1851	1183	1849.841	1181.841	22.00952	27.83204	50	53.288	0.066584	3.1839	12.25	12633	59590.72	5.959072	221.9287
1852	1184	1850.844	1182.844	22.04322	27.83894	50	51.453	0.066272	3.185793	12.25	14796	70080.17	7.008017	261.0584
1853	1185	1851.846	1183.846	22.07693	27.86652	50	49.781	0.064164	3.188442	12.25	19777	96669.68	9.666968	360.4647
1854	1186	1852.849	1184.849	22.08885	27.88031	50	48.478	0.062548	3.1892	12.25	24758	124114.8	12.41148	463.0319
1855	1187	1853.851	1185.851	22.14444	27.87341	50	47.828	0.061286	3.190335	12.25	24253	124042.7	12.40427	462.6484
1856	1188	1854.854	1186.854	22.11268	27.8941	50	45.849	0.058797	3.188064	12.25	23744	126668.7	12.66687	472.7933
1857	1189	1855.856	1187.856	22.2339	27.90099	50	42.818	0.055621	3.188064	12.25	22626	127597.3	12.75973	476.3773
1858	1190	1856.859	1188.859	22.224	27.90099	50	42.117	0.057182	3.189957	12.25	21509	117917.9	11.79179	440.2397
1859	1191	1857.861	1189.861	22.25785	27.91478	50	55.225	0.067978	3.192606	12.25	20776	95729.77	9.572977	357.5782
1860	1192	1858.864	1190.864	22.26982	27.94236	50	53.815	0.069205	3.191849	12.25	20042	90731.85	9.073185	339.2444
1861	1193	1859.866	1191.866	22.19416	27.92168	50	52.066	0.061755	3.191092	12.25	19309	97981.79	9.798179	366.0806
1862	1194	1860.869	1192.869	22.31569	27.22531	50	25.75	0.042317	3.133176	12.25	21765	164155.7	16.41557	598.024
1863	1195	1861.871	1193.871	22.56894	26.94262	50	42.166	0.046767	3.109328	12.25	6570	45181.81	4.518181	162.8896
1864	1196	1862.933	1194.933	22.8005	27.29425	50	23.555	0.038828	3.131283	12.25	13844	113867.4	11.38674	415.8727
1865	1197	1863.994	1195.994	22.68099	27.30115	50	44.581	0.053389	3.132419	12.25	12435	74355.06	7.435506	271.6322
1866	1198	1865.056	1197.056	22.67118	27.28736	50	46.958	0.057332	3.131661	12.25	10615	59121.73	5.912173	215.873
1867	1199	1866.117	1198.117	22.41957	27.31494	50	34.8	0.048696	3.131283	12.25	8793	57665.66	5.766566	210.7693
1868	1200	1867.179	1199.179	22.54154	27.30115	50	40.806	0.051603	3.129769	12.25	8066	49942.94	4.994294	182.4504
1869	1201	1868.24	1200.24	22.72964	27.30115	50	42.485	0.052356	3.130526	12.25	7343	44801.27	4.480127	163.667
1870	1202	1869.302	1201.302	22.63172	27.29425	50	33.274	0.046559	3.12939	12.25	6450	44268.8	4.42688	161.6809
1871	1203	1870.363	1202.363	22.7099	27.30804	50	41.42	0.046908	3.13204	12.25	5560	37844.19	3.784419	138.2864
1872	1204	1871.425	1203.425	22.63389	27.31494	50	19.675	0.030176	3.131661	12.25	6213	65744.85	6.574485	240.2989
1873	1205	1872.487	1204.487	22.66803	27.29425	50	20.525	0.029485	3.130904	12.25	5747	62254.6	6.22546	227.3696
1874	1206	1873.548	1205.548	22.72425	27.30804	50	35.648	0.04439	3.130904	12.25	5702	41026.93	4.102693	149.9165
1875	1207	1874.61	1206.61	22.84675	27.29425	50	43.777	0.054086	3.131283	12.25	5659	33414.37	3.341437	122.0378
1876	1208	1875.671	1207.671	22.90311	27.30115	50	41.327	0.051794	3.132419	12.25	5275	32513.19	3.251319	118.7764
1877	1209	1876.733	1208.733	22.84902	27.29425	50	32.318	0.045064	3.13204	12.25	4894	34674.21	3.467421	126.639
1878	1210	1877.794	1209.794	22.75065	27.30115	50	39.435	0.049623	3.131283	12.25	4367	28104.67	2.810467	102.6713
1879	1211	1878.856	1210.856	22.80701	27.27357	50	41.224	0.052259	3.130904	12.25	3845	23499.79	2.349979	85.76218
1880	1212	1879.917	1211.917	22.88554	27.28046	50	39.238	0.05113	3.130526	12.25	3567	22284.79	2.228479	81.3486
1881	1213	1880.979	1212.979	22.91986	27.27357	50	40.131	0.051883	3.131661	12.25	3291	20254.86	2.025486	73.91986
1882	1214	1882.04	1214.04	22.97636	27.29425	50	42.053	0.054099	3.12939	12.25	3425	20230.82	2.023082	73.88809
1883	1215	1883.102	1215.102	22.9664	27.30115	50	43.8	0.055304	3.130526	12.25	3558	20550.9	2.05509	75.07609
1884	1216	1884.164	1216.164	23.15604	27.29425	50	40.508	0.053639	3.131661	12.25	3187	18972.67	1.897267	69.29302
1885	1217	1885.225	1217.225	23.21271	27.30115	50	44.167	0.056224	3.130526	12.25	2818	16010.35	1.601035	58.48862
1886	1218	1886.287	1218.287	23.22503	27.29425	50	44.873	0.056872	3.129769	12.25	3138	17629.48	1.762948	64.38736
1887	1219	1887.348	1219.348	23.25956	27.32873	50	41.411	0.054523	3.130147	12.25	3456	20250.29	2.025029	74.05264
1888	1220	1888.41	1220.41	23.27188	27.30115	50	43.602	0.053164	3.130526	12.25	3225	19377.38	1.937738	70.78902
1889	1221	1889.471	1221.471	23.12854	27.3701	50	31.967	0.044724	3.134311	12.25	2995	21365.77	2.136577	78.25006
1890	1222	1890.533	1222.533	23.27428	28.03889	50	36.977	0.047758	3.167623	12.25	2740	18112.03	1.811203	67.95441
1891	1223	1891.594	1223.594	23.37565	28.0251	50	42.717	0.052822	3.168001	12.25	2484	14843.97	1.484397	55.66561
1892	1224	1892.656	1224.656	23.43256	28.03889	50	38.348	0.051527	3.166487	12.25	2187	13404.03	1.340403	50.29049
1893	1225	1893.205	1225.205	23.5118	28.00441	50	44.048	0.055916	3.166866	12.25	2580	14569.91	1.456991	54.59754
1894	1226	1893.753	1225.753	23.36814	28.00441	50	46.071	0.058513	3.167244	12.25	2970	16025.77	1.602577	60.05308
1895	1227	1894.302	1226.302	23.35817	28.0182	50	44.387	0.057537	3.163459	12.25	3363	18476.39	1.847639	69.27034
1896	1228	1894.85	1226.85	23.57138	28.06647	50	44.549	0.057256	3.161188	12.25	3472	19182.73	1.918273	72.04235
1897	1229	1895.399	1227.399	23.51682	28.14231	50	44.274	0.057077	3.159295	12.25	3579	19847.78	1.984778	74.74142
1898	1230	1895.948	1227.948	23.39514	28.1561	50	44.378	0.057301	3.158159	12.25	4011	22164.25	2.216425	83.50554
1899	1231	1896.496	1228.496	23.25097	28.16989	50	45.284	0.057982	3.157781	12.25	4443	24266.34	2.426634	91.47009
1900	1232	1897.045	1229.045	23.44217	28.18368	50	44.726	0.057298	3.158916	12.25	4875	26933.86	2.693386	101.5748
1901	1233	1897.593	1229.593	23.43212	28.19747	50	42.865	0.050371	3.157024	12.25	5569	35020.46	3.502046	132.1362
1902	1234	1898.142	1230.142	23.44445	28.17678	50	18.581	0.030272	3.156645	12.25	6265	65561.57	6.556157	247.1898
1903	1235	1899.23	1231.23	23.54639	28.19057	50	23.904	0.029609	3.156645	12.25	4852	51912.17	5.191217	195.8226
1904	1236	1900.317	1232.317	23.44669	28.20436	50	23.805	0.030768	3.156267	12.25	3693	38028.56	3.802856	143.5212
1905	1237	1901.405	1233.405	23.459	28.18368	50	24.278	0.031121	3.156645	12.25	2918	29703.27	2.970327	112.019
1906	1238	1902.492	1234.492	23.44888	28.19747	50	24.132	0.031247	3.156645	12.25	3084	31266.08	3.126608	117.9705
1907	1239	1903.58	1235.58	23.50608	28.16989	50	24.832	0.031801	3.156267	12.25	4047	40320.05	4.032005	151.9833
1908	1240	1904.668	1236.668	23.45102	28.16299	50	24.757	0.031687	3.157024	12.25	3058	30568.9	3.05689	115.1989
1909	1241	1905.755	1237.755	23.41836	28.16299	50	23.826	0.03078	3.157402	12.25	4003	41189.58	4.118958	155.223
1910	1242	1906.843	1238.843	23.56555	28.14231	50	23.398	0.031306	3.158916	12.25	3998	40427.15	4.042715	152.2379
1911	1243	1907.93	1239.93	23.55539	28.12852	50	28.494	0.036101	3.158538	12.25	3993	35018.46	3.501846	131.8055
1912	1244	1909.018	1241.018	23.47767	28.14231	50	30.884	0.037987	3.158916	12.25	3600	30000.46	3.000046	112.9737

1913	1245	1910.105	1242.105	23.46743	28.12162	50	25.02	0.033294	3.159295	12.25	3272	31107.4	3.11074	117.0561
1914	1246	1911.193	1243.193	23.52476	28.12852	50	24.21	0.03218	3.160052	12.25	3117	30652.29	3.065229	115.3718
1915	1247	1912.281	1244.281	23.53705	28.10094	50	28.122	0.035937	3.160809	12.25	2768	24368.46	2.436846	91.63022
1916	1248	1913.368	1245.368	23.70724	28.12852	50	30.796	0.039044	3.16043	12.25	2419	19603.67	1.960367	73.78602
1917	1249	1914.456	1246.456	23.60677	28.12852	50	30.669	0.037784	3.160809	12.25	2890	24198.72	2.419872	91.08125
1918	1250	1915.543	1247.543	23.59651	27.7562	50	22.631	0.034121	3.129012	12.25	2067	19360.5	1.93605	71.90619
1919	1251	1916.631	1248.631	23.69918	27.06673	50	37.836	0.042165	3.069202	12.25	2033	15709.42	1.570942	56.89652
1920	1252	1917.719	1249.719	23.21424	27.03915	50	22.547	0.03414	3.068067	12.25	3224	30780.13	3.078013	111.3662
1921	1253	1918.806	1250.806	23.79173	27.03225	50	31.094	0.0403	3.068445	12.25	6257	50599.04	5.059904	183.0267
1922	1254	1919.894	1251.894	23.82674	27.04604	50	40.907	0.044801	3.066174	12.25	4109	29912.72	2.991272	108.2554
1923	1255	1920.981	1252.981	23.25051	27.05983	50	14.084	0.027095	3.066553	12.25	4279	51499.5	5.14995	186.4738
1924	1256	1922.069	1254.069	23.39851	27.0943	50	29.041	0.033338	3.063903	12.25	7037	68892.85	6.889285	249.771
1925	1257	1923.189	1255.189	23.61464	27.10809	50	25.133	0.034698	3.062767	12.25	2674	25161.57	2.516157	91.2697
1926	1258	1924.31	1256.31	23.60423	27.11499	50	32.149	0.039963	3.062767	12.25	3191	26071.12	2.607112	94.59299
1927	1259	1925.43	1257.43	23.57111	27.13567	50	32.528	0.042113	3.06201	12.25	3661	28390.59	2.839059	103.0872
1928	1260	1926.55	1258.55	23.28827	27.14946	50	34.02	0.040569	3.060874	12.25	4129	33250.78	3.325078	120.7961
1929	1261	1927.67	1259.67	23.16409	27.17015	50	20.477	0.029015	3.060496	12.25	6417	72264.25	7.226425	262.7273
1930	1262	1928.791	1260.791	23.15338	27.14946	50	19.303	0.026991	3.061253	12.25	6705	81147.47	8.114747	294.799
1931	1263	1929.911	1261.911	23.46091	27.12188	50	28.112	0.034379	3.060496	12.25	6337	60228.14	6.022814	218.5793
1932	1264	1931.031	1263.031	23.31384	27.1012	50	28.482	0.037736	3.060496	12.25	5802	50237.32	5.023732	182.1817
1933	1265	1932.151	1264.151	23.39418	27.1012	50	33.841	0.042687	3.059739	12.25	5268	40333.11	4.033311	146.2649
1934	1266	1933.272	1265.272	23.42905	27.13567	50	35.111	0.043751	3.060496	12.25	3661	27341.24	2.734124	99.277
1935	1267	1934.392	1266.392	23.46395	27.12188	50	29.63	0.038658	3.060874	12.25	3582	30272.27	3.027227	109.8638
1936	1268	1935.512	1267.512	23.43049	27.10809	50	26.544	0.037475	3.059739	12.25	3506	30576.38	3.057638	110.9111
1937	1269	1936.632	1268.632	23.39698	27.11499	50	38.857	0.047943	3.05936	12.25	3524	24025.84	2.402584	87.17216
1938	1270	1937.753	1269.753	23.34061	27.1012	50	41.481	0.052368	3.05936	12.25	3542	22108.33	2.210833	80.17413
1939	1271	1938.873	1270.873	23.53528	27.10809	50	39.293	0.050941	3.060496	12.25	4027	25829.8	2.58298	93.69358
1940	1272	1939.993	1271.993	23.54741	27.10809	50	38.773	0.048024	3.06201	12.25	4513	30690.35	3.069035	111.3245
1941	1273	1941.113	1273.113	23.5824	27.11499	50	29.444	0.04028	3.060496	12.25	3950	32041.82	3.204182	116.2563
1942	1274	1942.234	1274.234	23.45738	27.08741	50	31.187	0.043077	3.060496	12.25	4104	31129.17	3.112917	112.8301
1943	1275	1943.354	1275.354	23.46945	27.08052	50	46.582	0.056941	3.060496	12.25	4257	24427.94	2.442794	88.51839
1944	1276	1944.474	1276.474	23.75617	27.08052	50	47.875	0.061217	3.060117	12.25	4694	25057.1	2.50571	90.79825
1945	1277	1945.595	1277.595	23.74549	27.10809	50	47.239	0.05964	3.059739	12.25	5132	28123.14	2.812314	102.0123
1946	1278	1946.715	1278.715	23.66606	27.08741	50	41.139	0.050529	3.06201	12.25	2938	18989.19	1.898919	68.82777
1947	1279	1947.835	1279.835	23.28855	27.37699	50	23.709	0.032307	3.070716	12.25	1595	16077.62	1.607762	58.89756
1948	1280	1948.955	1280.955	23.62158	27.3701	50	14.602	0.023842	3.056332	12.25	1348	18498.69	1.849869	67.74966
1949	1281	1950.076	1282.076	23.6796	27.27357	50	29.007	0.03575	3.047626	12.25	1629	14951.56	1.495156	54.56553
1950	1282	1951.196	1283.196	23.69175	27.27357	50	35.992	0.043311	3.046868	12.25	1910	14473.87	1.447387	52.82218
1951	1283	1952.316	1284.316	23.56609	27.29425	50	28.887	0.040236	3.047247	12.25	2190	17861.51	1.786151	65.23479
1952	1284	1953.436	1285.436	23.64711	27.28736	50	35.993	0.044826	3.046111	12.25	1675	12266.99	1.226699	44.79086
1953	1285	1954.557	1286.557	23.68221	27.34941	50	36.066	0.046767	3.044219	12.25	1835	12888.93	1.288893	47.1688
1954	1286	1955.677	1287.677	23.74035	27.32183	50	37.716	0.048584	3.044597	12.25	2513	16988.9	1.69889	62.11046
1955	1287	1956.797	1288.797	23.79853	27.34252	50	39.512	0.050739	3.043083	12.25	3192	20673.07	2.067307	75.63682
1956	1288	1957.917	1289.917	23.99493	27.33562	50	40.721	0.050981	3.042326	12.25	2916	18800.81	1.880081	68.76941
1957	1289	1959.038	1291.038	23.98415	27.39078	50	35.214	0.04775	3.041569	12.25	2640	18177.34	1.817734	66.62306
1958	1290	1960.158	1292.158	23.83505	27.34941	50	40.977	0.050417	3.042326	12.25	2574	16781.31	1.678131	61.41347
1959	1291	1961.278	1293.278	23.77803	27.34941	50	35.861	0.04761	3.041569	12.25	2507	17312.39	1.731239	63.35701
1960	1292	1962.398	1294.398	23.79017	27.35631	50	37.48	0.047683	3.041569	12.25	2685	18513.39	1.851339	67.76932
1961	1293	1963.519	1295.519	23.68688	27.38388	50	36.458	0.045388	3.040812	12.25	2904	21040.88	2.104088	77.09898
1962	1294	1964.639	1296.639	24.11473	27.35631	50	28.233	0.03883	3.042326	12.25	3124	26444.57	2.644457	96.80189
1963	1295	1965.759	1297.759	24.15013	27.3632	50	31.589	0.040027	3.041947	12.25	3106	25509.11	2.550911	93.40111
1964	1296	1966.88	1298.88	24.11619	27.3632	50	31.969	0.040268	3.041947	12.25	3088	25209.53	2.520953	92.3042
1965	1297	1968	1300	24.19787	27.35631	50	28.216	0.038252	3.042326	12.25	2388	20519.92	2.051992	75.11436
1966	1298	1969.12	1301.12	24.09445	27.35631	50	33.451	0.041949	3.042326	12.25	2441	19126.66	1.912666	70.01426
1967	1299	1970.24	1302.24	24.19934	27.34941	50	33.496	0.043077	3.042705	12.25	2494	19027.81	1.902781	69.63482
1968	1300	1971.361	1303.361	24.30432	27.32183	50	33.339	0.043008	3.04119	12.25	2022	15459.42	1.545942	56.51878
1969	1301	1972.481	1304.481	24.24712	27.34252	50	33.597	0.042703	3.043083	12.25	2470	19007.56	1.900756	69.54318
1970	1302	1973.601	1305.601	24.18986	27.32183	50	31.302	0.04147	3.043083	12.25	2916	23106.67	2.310667	84.4767
1971	1303	1974.721	1306.721	24.20214	27.34252	50	34.479	0.043447	3.042705	12.25	2611	19751.05	1.975105	72.2634
1972	1304	1975.842	1307.842	24.23764	27.32183	50	33.278	0.044285	3.042705	12.25	2306	17113.66	1.711366	62.56661
1973	1305	1976.962	1308.962	24.2267	27.30804	50	38.812	0.048506	3.043462	12.25	1921	13012.67	1.301267	47.5496
1974	1306	1978.082	1310.082	24.28546	27.28046	50	37.549	0.046888	3.044219	12.25	1900	13311.17	1.331117	48.59122
1975	1307	1979.202	1311.202	24.1815	27.35631	50	29.527	0.036995	3.040433	12.25	1878	16696.07	1.669607	61.11694
1976	1308	1980.323	1312.323	23.86806	27.27357	50	16.77	0.024558	3.035891	12.25	1533	20562.19	2.056219	75.04143
1977	1309	1981.443	1313.443	24.15944	27.1012	50	17.851	0.024689	3.020749	12.25	1019	13663.1	1.36631	49.54818
1978	1310	1982.563	1314.563	24.07851	27.12878	50	26.898	0.032041	3.020371	12.25	1596	16491.67	1.649167	59.86662
1979	1311	1983.683	1315.683	24.11398	27.1012	50	23.894	0.032897	3.018478	12.25	1472	14823.84	1.482384	53.75749
1980	1312	1984.804	1316.804	24.14948	27.1012	50	30.853	0.034097	3.018099	12.25	1351	13128.29	1.312829	47.60872
1981	1313	1985.924	1317.924	24.11503	27.1012	50	11.612	0.021839	3.017721	12.25	2181	33093.58	3.309358	120.0113
1982	1314	1986.653	1318.653	24.08054	27.0943	50	24.486	0.029814	3.016964	12.25	2891	32140.37	3.214037	116.5249
1983	1315	1987.382	1319.382	24.13938	27.11499	50	29.403	0.037624	3.015071	12.25	3465	30545.31	3.054531	110.8265
1984	1316	1988.111	1320.111	23.98805	27.10809	50	33.258	0.042037	3.015828	12.25	2593	20453.3	2.04533	74.19116
1985	1317	1988.839	1320.839	24.02351	27.1012	50	33.491	0.042087	3.015071	12.25	1723	13578.17	1.357817	49.24017
1986	1318	1989.568	1321.568	24.15252	27.12878	50	28.936	0.036964	3.013178	12.25	1814	16286.75	1.628675	59.12275
1987	1319	1990.297	1322.297	24.23486	27.11499	50	23.046	0.032465	3.0128	12.25	1751	17901.9	1.79019	64.95287
1988	1320	1991.026	1323.026	24.5045	27.12188	50	30.193	0.036666	3.0128	12.25	1689	15289.55	1.528955	55.48866
1989	1321	1991.755	1323.755	24.37633	27.13567	50	27.075	0.03621	3.013178	12.25	1430	13106.47	1.310647	47.59005
1990	1322	1992.484	1324.484	24.52916	27.12188	50	30.273	0.038776	3.013178	12.25	1479	12658.36	1.265836	45.93958
1991	1323	1993.213	1325.213	24.4946	27.11499	50	32.561	0.040162	3.012043	12.25	1573	13003.17	1.300317	47.17896
1992	1324	1993.942	1325.942	24.3662	27.14946	50	26.671	0.035813	3.012421	12.25	1667	15451.79	1.545179	56.1345

1993	1325	1994.67	1326.67	24.44882	27.14257	50	27.672	0.035364	3.012043	12.25	1324	12429.93	1.242993	45.14496
1994	1326	1995.399	1327.399	24.50804	27.13567	50	27.464	0.035227	3.012043	12.25	1481	13957.9	1.39579	50.6816
1995	1327	1996.128	1328.128	24.54381	27.28736	50	26.657	0.035125	3.019614	12.25	1635	15415.35	1.541535	56.28655
1996	1328	1996.857	1328.857	24.57961	27.34252	50	29.617	0.035417	3.024913	12.25	1666	15550.92	1.555092	56.89634
1997	1329	1997.586	1329.586	24.49789	27.35631	50	19.944	0.028546	3.026806	12.25	1440	16666.04	1.666604	61.00699
1998	1330	1998.315	1330.315	24.48663	27.34941	50	23.654	0.030742	3.02567	12.25	1732	18620.88	1.862088	68.14563
1999	1331	1999.044	1331.044	24.59302	27.35631	50	28.72	0.035409	3.027184	12.25	1689	15756.93	1.575693	57.67915
2000	1332	1999.773	1331.773	24.86433	27.39078	50	26.502	0.036037	3.02567	12.25	1649	15123.24	1.512324	55.42927
2001	1333	2000.501	1332.501	24.8532	27.41836	50	33.235	0.04162	3.023778	12.25	1703	13531.89	1.353189	49.64662
2002	1334	2001.23	1333.23	24.86562	27.43215	50	34.542	0.042954	3.021506	12.25	1767	13614.71	1.361471	49.97561
2003	1335	2001.959	1333.959	24.61865	27.43215	50	28.797	0.038439	3.020371	12.25	1834	15796.73	1.579673	57.98516
2004	1336	2002.688	1334.688	24.72532	27.45973	50	29.426	0.035127	3.014314	12.25	1952	18435.25	1.843525	67.73843
2005	1337	2003.688	1335.688	24.92649	26.93573	50	17.219	0.028516	2.991602	12.25	1152	13503.94	1.350394	48.67196
2006	1338	2004.688	1336.688	24.86807	26.73578	50	34.605	0.039551	2.981381	12.25	1580	13399.37	1.339937	47.93656
2007	1339	2005.688	1337.688	24.88047	26.73578	50	28.699	0.039862	2.979867	12.25	2006	16887.82	1.688782	60.41659
2008	1340	2006.688	1338.688	24.96379	26.75646	50	36.388	0.044719	2.979488	12.25	2760	20714.53	2.071453	74.16406
2009	1341	2007.688	1339.688	24.95257	26.72199	50	34.175	0.044778	2.978731	12.25	2812	21082.25	2.108225	75.38335
2010	1342	2008.688	1340.688	25.01231	26.73578	50	35.614	0.045697	2.977974	12.25	2864	21045.96	2.104596	75.29243
2011	1343	2009.688	1341.688	24.97741	26.74267	50	36.351	0.046702	2.977974	12.25	2782	20003.37	2.000337	71.58099
2012	1344	2010.688	1342.688	24.98983	26.77715	50	36.649	0.046764	2.978731	12.25	3699	26554.72	2.655472	95.14715
2013	1345	2011.688	1343.688	24.95485	26.79094	50	35.01	0.045944	2.978731	12.25	3533	25815.71	2.581571	92.54689
2014	1346	2012.688	1344.688	24.94354	26.81851	50	37.446	0.045967	2.978731	12.25	3401	24838.78	2.483878	89.13632
2015	1347	2013.688	1345.688	25.1457	26.8392	50	29.448	0.041898	2.978353	12.25	2898	23223.3	2.32233	83.40332
2016	1348	2014.688	1346.688	25.20565	26.8392	50	40.042	0.047995	2.97646	12.25	2836	19852.41	1.985241	71.29723
2017	1349	-9999	-9999	25.31314	26.8323	50	34.077	0.045158	2.977217	12.25	2774	20632.74	2.063274	74.08065
2018	1350	-9999	-9999	25.32569	26.8323	50	34.124	0.04511	2.976839	12.25	2712	20195.84	2.019584	72.51199
2019	1351	-9999	-9999	25.19562	26.85299	50	39.675	0.048226	2.975324	12.25	2744	19123.74	1.912374	68.71559
2020	1352	-9999	-9999	25.16054	26.8392	50	31.945	0.042033	2.975703	12.25	2776	22194.42	2.219442	79.70824
2021	1353	-9999	-9999	25.31575	26.8392	50	28.45	0.039982	2.975703	12.25	2299	19323.32	1.932332	69.39708
2022	1354	-9999	-9999	25.32828	26.84609	50	40.604	0.048619	2.976081	12.25	2312	15978.67	1.597867	57.39996
2023	1355	-9999	-9999	25.36462	26.86678	50	35.735	0.047266	2.975703	12.25	2324	16523.18	1.652318	59.4017
2024	1356	-9999	-9999	25.06739	26.8392	50	36.755	0.045036	2.975703	12.25	2419	18050.41	1.805041	64.82559
2025	1357	-9999	-9999	25.15129	26.81851	50	27.148	0.035959	2.973432	12.25	2514	23512.45	2.351245	84.37669
2026	1358	-9999	-9999	25.28297	26.84609	50	22.251	0.031616	2.974189	12.25	2282	24268.6	2.42686	87.17974
2027	1359	-9999	-9999	25.39091	26.8323	50	31.202	0.038441	2.974946	12.25	2396	20951.45	2.095145	75.22494
2028	1360	-9999	-9999	25.40343	26.8392	50	32.106	0.042254	2.974189	12.25	2489	19805.52	1.980552	71.12883
2029	1361	-9999	-9999	25.48762	26.85988	50	37.312	0.046804	2.974189	12.25	2585	18569.93	1.856993	66.74276
2030	1362	-9999	-9999	25.45239	26.85299	50	36.789	0.047878	2.974189	12.25	2796	19635.19	1.963519	70.55334
2031	1363	-9999	-9999	25.48883	26.85299	50	38.68	0.04861	2.974189	12.25	2403	16620.95	1.662095	59.72253
2032	1364	-9999	-9999	25.42962	26.86678	50	35.054	0.043495	2.975324	12.25	2013	15554.85	1.555485	55.92053
2033	1365	-9999	-9999	25.39426	26.81162	50	23.827	0.03554	2.970025	12.25	1575	14921.22	1.492122	53.53245
2034	1366	-9999	-9999	25.47859	26.90125	50	35.282	0.043289	2.974946	12.25	1949	15134.05	1.513405	54.47752
2035	1367	-9999	-9999	25.49112	27.37699	50	36.806	0.044285	3.008636	12.25	1935	14523.09	1.452309	53.20281
2036	1368	-9999	-9999	25.50364	26.51515	50	23.895	0.032738	2.961318	12.25	1339	13811.39	1.381139	49.00284
2037	1369	-9999	-9999	25.51617	24.39156	50	20.201	0.028156	2.81066	12.25	1388	17539.51	1.753951	57.24623
2038	1370	-9999	-9999	25.5287	24.39845	50	26.528	0.030221	2.811038	12.25	1433	16868.48	1.686848	55.07165
2039	1371	-9999	-9999	25.54122	24.41914	50	14.539	0.023276	2.811038	12.25	1479	22604.52	2.260452	73.86104
2040	1372	-9999	-9999	25.55375	24.40535	50	23.8	0.028652	2.808767	12.25	1551	19272.92	1.927292	62.93936

Well B20: mudlog data

MDRT_unshifted	Burial Depth_unshifted	MDRT	Burial Depth	P_mudlog	Pump Pressure	Fluid Temperature	ROP_ave	Vcut_ave	Vflow_ave	Hole Diameter	TG GC equiv	(calibrated total gas concentrations) TG GC norm_ave	TG GC norm_ave	TG GCnorm
m	m	m	m	MPa	MPa	°C	m/hr	m3/min	m3/min	in	ppmv	ppmv	vol.% scaled	mol/m³ scaled
963	602	-9999	-9999	9.625356	16.49017	33.5	52	0.136193	3.071852	17.5	2152	5143.85	1.314385	30.56319
964	603	-9999	-9999	9.635352	16.73148	33.5	51.035	0.134049	3.072609	17.5	2479	6018.728	1.401873	33.07456
965	604	-9999	-9999	9.645347	16.78664	33.5	50	0.12315	3.072609	17.5	2807	7418.246	1.541825	36.49638
966	605	-9999	-9999	9.655342	16.50396	34.7	30.213	0.089484	3.071852	17.5	3134	11401.24	1.940124	44.97512
967	606	-9999	-9999	9.665337	16.60048	34.8	33.511	0.084782	3.071852	17.5	3196	12271.65	2.027165	47.25236
968	607	-9999	-9999	9.675332	16.61427	34.8	29.367	0.07948	3.072988	17.5	3259	13343.33	2.134333	49.79174
969	608	-9999	-9999	9.685327	16.66254	34.8	30.537	0.083369	3.074502	17.5	3321	12956.62	2.095662	49.03162
970	609	-9999	-9999	9.695323	16.7177	34.8	38.881	0.097736	3.074123	17.5	3325	11066.65	1.906665	44.75737
971	610	-9999	-9999	9.728181	16.70391	34.8	37.147	0.097316	3.074502	17.5	3415	11413.89	1.941389	45.53489
972	611	-9999	-9999	9.738199	16.70391	34.8	34.779	0.091211	3.074502	17.5	3214	11461.01	1.946101	45.64541
973	612	-9999	-9999	9.748218	16.69701	34.8	32.044	0.085855	3.074123	17.5	3214	12177.49	2.017749	47.30638
974	613	-9999	-9999	9.735303	16.69012	34.8	33.12	0.085742	3.07488	17.5	2987	11329.6	1.93296	45.29976
975	614	-9999	-9999	9.745298	16.68322	34.9	31.292	0.084862	3.074123	17.5	3267	12523.16	2.052316	48.06146
976	615	-9999	-9999	9.858707	16.73148	34.9	35.519	0.090391	3.072988	17.5	3607	12985.53	2.098553	49.28641
977	616	-9999	-9999	9.868808	16.68322	34.9	33.066	0.096612	3.074502	17.5	3947	13288	2.1288	49.85258
978	617	-9999	-9999	9.786798	16.10406	34.9	52.859	0.132217	3.000308	17.5	3153	7948.249	1.594825	36.05132
979	618	-9999	-9999	9.796805	4.562238	35	57.453	0.135987	1.279844	17.5	3284	18869.02	2.686902	17.20131
980	619	-9999	-9999	9.818349	16.33159	35	27.894	0.084723	3.029834	17.5	3330	12972.46	2.097246	48.06287
981	620	-9999	-9999	9.886114	16.38675	35	24.461	0.065352	3.028699	17.5	3841	19405.84	2.740584	63.01844
982	621	-9999	-9999	10.00024	16.69701	33.1	23.511	0.063273	3.06201	17.5	3559	18369.62	2.636962	62.16707
983	622	-9999	-9999	9.871551	16.77285	24.3	25.998	0.068769	3.07488	17.5	3125	14778.53	2.277853	55.54085
984	623	-9999	-9999	9.881593	16.78664	24.4	29.55	0.075719	3.07488	17.5	3125	13421.99	2.142199	52.2586
985	624	-9999	-9999	9.914828	16.85559	24.3	28.728	0.075169	3.076395	17.5	3256	14080.11	2.208011	54.10348
986	625	-9999	-9999	10.01776	16.8418	24.4	27.207	0.079318	3.070338	17.5	3456	14191.05	2.219105	54.31256
987	626	-9999	-9999	10.06278	17.03485	24.4	43.59	0.101836	3.076773	17.5	3254	10385.37	1.838537	45.51399
988	627	-9999	-9999	10.10787	16.89696	24.6	31.004	0.088275	3.075259	17.5	3445	12690.26	2.069026	50.77111
989	628	-9999	-9999	9.990021	16.89006	24.9	33.995	0.091184	3.075259	17.5	3425	12214.11	2.021411	49.53257
990	629	-9999	-9999	10.01178	16.94522	24.9	41.26	0.09974	3.076395	17.5	3647	11885.74	1.988574	48.88704
991	630	-9999	-9999	10.18523	16.93833	24.7	28.749	0.08427	3.076016	17.5	3251	12541.65	2.054165	50.51289
992	631	-9999	-9999	10.20718	16.94522	24.8	36.199	0.084525	3.076773	17.5	2987	11485.63	1.948563	47.9195
993	632	-9999	-9999	10.07719	19.68244	24.7	19.492	0.062472	3.351972	17.5	3000	14326.32	2.232632	63.79586
994	633	-9999	-9999	10.23947	27.87341	24.7	28.506	0.074696	4.143499	17.5	2874	9285.902	1.72859	69.94852
995	634	-9999	-9999	10.13263	27.94236	24.7	37.073	0.083076	4.141985	17.5	2864	8323.212	1.632321	66.21632
996	635	-9999	-9999	10.27179	27.95615	28	12.929	0.053491	4.142742	17.5	2867	12937.87	2.093787	84.04676
997	636	-9999	-9999	10.18821	27.94236	35.3	33.372	0.076417	4.144634	17.5	2987	9431.035	1.743104	68.2803
998	637	-9999	-9999	10.21017	27.94236	35.3	28.103	0.07833	4.144256	17.5	3025	9318.654	1.731865	67.84009
999	638	-9999	-9999	10.19688	27.95615	35.3	33.104	0.086268	4.147284	17.5	3065	8566.755	1.656676	64.9268
1000	639	-9999	-9999	10.21886	27.96994	35.3	36.499	0.094002	4.145392	17.5	3098	7950.233	1.595023	62.54142
1001	640	-9999	-9999	10.22908	27.96304	35.3	35.58	0.093647	4.146149	17.5	3110	8009.829	1.600983	62.75963
1002	641	-9999	-9999	10.2275	27.93547	35.4	35.05	0.091251	4.14577	17.5	3125	8260.51	1.626051	63.6588
1003	642	-9999	-9999	10.39122	27.91478	35.4	32.618	0.088335	4.146149	17.5	3222	8797.239	1.679724	65.71137
1004	643	-9999	-9999	10.42522	27.8872	35.4	36.217	0.092944	4.14577	17.5	3225	8369.581	1.636958	63.97509
1005	644	-9999	-9999	10.32912	27.90099	35.4	34.778	0.091111	4.14842	17.5	3546	9381.739	1.738174	67.96437
1006	645	-9999	-9999	10.35124	27.85962	35.4	32.75	0.087939	4.148798	17.5	3612	9900.244	1.790024	69.888
1007	646	-9999	-9999	10.36153	27.8941	36	35.055	0.08975	4.149934	17.5	3677	9872.286	1.787229	69.72959
1008	647	-9999	-9999	10.38368	27.5011	36.1	32	0.087107	4.082554	17.5	3743	10525.3	1.85253	71.23599
1009	648	-9999	-9999	10.39398	27.48731	36.2	35.879	0.093068	4.085204	17.5	3808	10015.76	1.801576	69.21952
1010	649	-9999	-9999	10.40429	27.48731	36.2	37.031	0.097058	4.086339	17.5	3874	9767.725	1.776773	68.26653
1011	650	-9999	-9999	10.39078	27.53557	36.3	37.657	0.097496	4.084447	17.5	3654	9175.9	1.71759	66.08715
1012	651	-9999	-9999	10.46063	27.50799	36.3	35.001	0.09302	4.085204	17.5	3654	9615.64	1.761564	67.71124
1013	652	-9999	-9999	10.43519	27.48041	36.4	34.777	0.091887	4.085582	17.5	3547	9448.258	1.744826	66.97897
1014	653	-9999	-9999	10.42162	27.48731	36.5	35.742	0.093043	4.086339	17.5	3456	9089.843	1.708984	65.59838
1015	654	-9999	-9999	10.58724	27.4942	36.5	34.745	0.092429	4.085204	17.5	3445	9123.671	1.712367	65.74471
1016	655	-9999	-9999	10.59767	27.48731	36.5	36.365	0.093435	4.085961	17.5	3254	8523.403	1.65234	63.42413
1017	656	-9999	-9999	10.59612	27.48041	36.6	33.181	0.094116	4.087096	17.5	3336	8672.604	1.66726	63.96012
1018	657	-9999	-9999	10.60654	27.55625	36.7	45.851	0.11174	4.085961	17.5	3354	7346.167	1.534617	59.01502
1019	658	-9999	-9999	10.61696	27.44594	36.7	38.605	0.102433	4.086718	17.5	3254	7773.228	1.577323	60.41449
1020	659	-9999	-9999	10.62738	27.42525	36.8	33.665	0.091072	4.088232	17.5	3664	9840.955	1.784095	68.26075
1021	660	-9999	-9999	10.70992	27.43904	36.9	34.723	0.090074	4.087096	17.5	3888	10561.16	1.856116	71.02909
1022	661	-9999	-9999	10.66025	27.43904	36.9	33.153	0.091213	4.088232	17.5	3874	10388.8	1.83888	70.36952
1023	662	-9999	-9999	10.7309	27.46662	37	40.977	0.103944	4.088989	17.5	3945	9281.825	1.728182	66.17852
1024	663	-9999	-9999	10.74139	27.43904	37	40.324	0.105438	4.089746	17.5	3508	8135.191	1.613519	61.72559
1025	664	-9999	-9999	10.71568	27.42525	37.1	38.524	0.10108	4.089746	17.5	3747	9064.053	1.706405	65.22514
1026	665	-9999	-9999	10.73821	27.41146	37.2	36.425	0.095825	4.088989	17.5	3846	9815.497	1.78155	68.04126
1027	666	-9999	-9999	10.68822	27.39078	37.3	34.621	0.09313	4.084447	17.5	3395	8925.14	1.692514	64.57122
1028	667	-9999	-9999	10.69863	27.39078	37.3	37.781	0.096849	4.09126	17.5	3451	8709.508	1.670951	63.74856
1029	668	-9999	-9999	10.70904	27.37699	37.4	35.437	0.092384	4.091639	17.5	3547	9383.521	1.738352	66.26526
1030	669	-9999	-9999	10.73991	27.39078	37.5	31.457	0.087012	4.09126	17.5	2154	6050.719	1.405072	53.57048
1031	670	-9999	-9999	10.77082	27.47352	37.6	37.453	0.098858	4.090125	17.5	1984	4906.734	1.290673	49.34162
1032	671	-9999	-9999	10.80177	27.58383	37.6	44.502	0.111624	4.084068	17.5	1546	3391.236	1.139124	43.72283
1033	672	-9999	-9999	10.83276	27.59073	37.6	39.465	0.105296	4.086718	17.5	1530	3555.544	1.155554	44.36458
1034	673	-9999	-9999	10.86379	27.60452	37.7	38.111	0.104653	4.086339	17.5	1536	3591.729	1.159173	44.51142
1035	674	-9999	-9999	10.89485	27.57004	37.8	47.097	0.112115	4.087096	17.5	1354	2954.89	1.095489	41.99996

1036	675	-9999	-9999	10.92596	27.20462	39.1	29.547	0.087681	4.009874	17.5	1684	4789.666	1.278967	48.18295
1037	676	-9999	-9999	10.95711	27.2322	39.1	34.96	0.085394	4.006846	17.5	1246	3641.578	1.164158	43.90218
1038	677	-9999	-9999	10.9883	27.21152	39.2	25.634	0.075163	4.009117	17.5	1635	5425.791	1.342579	50.57607
1039	678	-9999	-9999	11.01953	27.21841	38.9	34.161	0.085912	4.010253	17.5	1435	4165.102	1.21651	45.88263
1040	679	-9999	-9999	11.05079	27.21152	38.7	33.927	0.085443	4.009874	17.5	1235	3604.633	1.160463	43.78571
1041	680	-9999	-9999	11.0821	27.13567	39.3	25.264	0.077461	4.009496	17.5	1453	4678.335	1.267834	47.61198
1042	681	-9999	-9999	11.11345	27.25288	39.6	41.922	0.099408	4.004196	17.5	1408	3537.247	1.153725	43.47217
1043	682	-9999	-9999	11.14483	27.25978	39.7	34.075	0.095724	4.004575	17.5	1362	3553.042	1.155304	43.52878
1044	683	-9999	-9999	11.17626	27.30804	39.6	40.391	0.097136	4.003061	17.5	1425	3664.733	1.166473	44.04149
1045	684	-9999	-9999	11.20773	27.30804	39.8	26.199	0.092343	4.001168	17.5	1355	3667.313	1.166731	44.02308
1046	685	-9999	-9999	11.21845	26.35657	38.2	65.705	0.141617	3.980727	17.5	1285	2279.419	1.027942	37.62725
1047	686	-9999	-9999	11.38942	26.85299	36.7	34.405	0.099082	3.970506	17.5	1342	3411.224	1.141122	42.76292
1048	687	-9999	-9999	11.2399	26.84609	36.6	22.958	0.078371	3.970885	17.5	1762	5661.935	1.366193	51.20071
1049	688	-9999	-9999	11.25063	21.59918	36.6	52.745	0.12354	3.547677	17.5	1245	2840.66	1.084066	32.68705
1050	689	-9999	-9999	11.26135	14.95953	36.5	48.2	0.129436	2.815202	17.5	1449	3976.515	1.197652	25.01908
1051	690	-9999	-9999	11.33394	22.40587	36.6	50.06	0.129145	3.486353	17.5	1652	3669.108	1.166911	36.4991
1052	691	-9999	-9999	11.41904	26.47378	36.6	46.5	0.124206	3.95385	17.5	1513	3080.89	1.108089	40.95182
1053	692	-9999	-9999	11.45469	26.45999	36.6	47.6	0.125543	3.948172	17.5	1374	2772.036	1.077204	39.78965
1054	693	-9999	-9999	11.47797	26.54272	36.6	49.813	0.117806	3.956879	17.5	1235	2649.404	1.06494	39.45967
1055	694	-9999	-9999	11.48886	26.56341	36.6	22.191	0.069441	3.955743	17.5	1452	5285.959	1.328596	49.26737
1056	695	-9999	-9999	11.47489	27.00467	36.6	20.011	0.056063	3.994354	17.5	1589	7095.846	1.509585	56.90875
1057	696	-9999	-9999	11.53553	27.05983	36.6	25.8	0.065754	4.003818	17.5	1514	5750.782	1.375078	51.94397
1058	697	-9999	-9999	11.49662	27.06673	36.6	26.958	0.066946	3.510201	17.5	1466	6238.434	1.423843	53.79979
1059	698	-9999	-9999	11.40775	27.01846	36.6	19.259	0.056602	3.649883	17.5	1446	6999.289	1.499929	56.57362
1060	699	-9999	-9999	11.41852	27.02536	36.6	25.274	0.063037	4.005332	17.5	1459	5778.585	1.377858	51.98268
1061	700	-9999	-9999	11.42929	27.05294	36.7	23.608	0.063407	4.005332	17.5	1444	5685.763	1.368576	51.6685
1062	701	-9999	-9999	11.44006	27.05294	36.7	25.103	0.064661	4.006467	17.5	1425	5500.608	1.350061	50.96948
1063	702	-9999	-9999	11.45084	27.01846	36.7	23.652	0.087223	4.007982	17.5	1543	4413.781	1.241378	46.80661
1064	703	-9999	-9999	11.44908	26.99088	36.7	79.487	0.152585	4.006467	17.5	2206	3608.551	1.160855	43.72578
1065	704	-9999	-9999	11.45984	2.073231	37.1	6.871	0.078985	0.921745	17.5	3902	53595.91	6.159591	17.79843
1066	705	-9999	-9999	11.4957	10.58136	37.2	73.414	0.148765	2.056986	17.5	7108	23228.22	3.122822	46.03954
1067	706	-9999	-9999	11.43112	14.77337	35.5	39.22	0.112108	2.799303	17.5	9267	29529.35	3.752935	77.67449
1068	707	-9999	-9999	11.41668	26.29451	17.9	25.736	0.074512	3.982619	17.5	10030	33799.07	4.179907	163.2894
1069	708	-9999	-9999	11.75459	26.3152	18.2	28.006	0.070737	3.981105	17.5	18520	65764.06	7.376406	288.0915
1070	709	-9999	-9999	11.45066	26.32899	18.5	23.789	0.065923	3.981105	17.5	21245	80950.45	8.895045	347.2276
1071	710	-9999	-9999	11.46136	26.37725	18.9	27.391	0.068573	3.978077	17.5	17717	64947.35	7.294735	284.8891
1072	711	-9999	-9999	11.52254	26.34967	19	23.254	0.065218	3.97997	17.5	19792	76250.46	8.425046	328.5758
1073	712	-9999	-9999	11.57119	26.39104	19.1	28.537	0.07122	3.978834	17.5	22139	78126.5	8.61265	336.3045
1074	713	-9999	-9999	11.58197	26.36346	19.2	25.25	0.06749	3.979212	17.5	24486	91176.03	9.917603	386.723
1075	714	-9999	-9999	11.49151	26.35657	19.2	24.596	0.065684	3.981105	17.5	25207	96395.28	10.43953	406.9683
1076	715	-9999	-9999	11.5022	26.37036	19.1	26.375	0.067759	3.979212	17.5	22691	84156.92	9.215692	359.5699
1077	716	-9999	-9999	11.51289	26.37725	19.2	24.651	0.065364	3.981105	17.5	23476	90215.91	9.821591	383.1795
1078	717	-9999	-9999	11.68857	26.47378	19.3	24.298	0.062497	3.978077	17.5	21880	88007.06	9.600706	375.804
1079	718	-9999	-9999	11.68671	26.4462	19.5	20.886	0.055845	3.979591	17.5	16500	74243.44	8.224344	321.3734
1080	719	-9999	-9999	11.69754	26.39793	19.6	19.697	0.055494	3.97997	17.5	16177	73243.72	8.124372	316.7793
1081	720	-9999	-9999	11.55565	26.40483	19.8	27.063	0.067576	3.97997	17.5	18400	68413.73	7.641373	297.8209
1082	721	-9999	-9999	11.56634	26.40483	19.8	26.381	0.069379	3.980727	17.5	19309	69915.22	7.791522	303.673
1083	722	-9999	-9999	11.78103	26.4393	19.9	25.859	0.067844	3.979212	17.5	20215	74880	8.288	323.3345
1084	723	-9999	-9999	11.58772	26.55651	19.7	25.124	0.065876	3.976563	17.5	22055	84192.65	9.219265	361.5065
1085	724	-9999	-9999	11.59841	26.5772	19.5	24.091	0.06306	3.975427	17.5	25319	100997.5	10.89975	428.027
1086	725	-9999	-9999	11.6091	26.54962	19.5	22.527	0.060388	3.977698	17.5	26950	112196	12.0196	471.513
1087	726	-9999	-9999	11.61979	26.49446	19.5	23.714	0.063637	3.976941	17.5	25982	102663.2	11.06632	433.2152
1088	727	-9999	-9999	11.60486	26.45999	19.4	27.95	0.073146	3.980727	17.5	25002	85865.54	9.386554	367.1045
1089	728	-9999	-9999	11.67963	26.45999	19.6	31.537	0.082167	3.980727	17.5	24642	75338.73	8.333873	325.7119
1090	729	-9999	-9999	11.70319	26.4393	19.7	33.553	0.087817	3.980727	17.5	24247	69361.04	7.736104	302.0098
1091	730	-9999	-9999	11.71392	26.42551	19.7	34.807	0.0893	3.980727	17.5	23850	67092.32	7.509232	293
1092	731	-9999	-9999	11.72466	26.40483	19.7	31.162	0.077767	3.982998	17.5	25720	83035.95	9.103595	354.9319
1093	732	-9999	-9999	11.7354	26.71509	19.9	18.148	0.055252	3.984512	17.5	18392	83542.71	9.154271	360.855
1094	733	-9999	-9999	12.00373	27.33562	20.1	22.429	0.057199	3.993218	17.5	15102	66118.15	7.411815	298.7511
1095	734	-9999	-9999	12.0147	27.35631	20.1	22.767	0.060376	3.995111	17.5	43454	180150.8	18.81508	758.9612
1096	735	-9999	-9999	11.81922	27.30804	20.1	24.389	0.064381	3.993976	17.5	70318	273465.1	28.14651	1133.368
1097	736	-9999	-9999	11.84292	27.34252	20.1	26.71	0.068463	3.994354	17.5	56227	205610.3	21.36103	861.2251
1098	737	-9999	-9999	11.85372	27.32183	20	25.125	0.065905	3.995868	17.5	42126	159962.3	16.79623	676.902
1099	738	-9999	-9999	11.86451	27.29425	19.9	23.304	0.061698	3.997004	17.5	38816	157399.1	16.53991	666.1264
1100	739	-9999	-9999	11.84941	27.30804	19.9	22.565	0.060091	3.997004	17.5	27868	116026.9	12.40269	499.7569
1101	740	-9999	-9999	11.87314	27.24599	20	23.672	0.062565	3.997761	17.5	25151	100556.6	10.85566	436.2774
1102	741	-9999	-9999	11.845	27.31494	20	25.631	0.063779	3.997004	17.5	23280	91321.41	9.932141	400.1724
1103	742	-9999	-9999	11.85575	27.34252	20.1	19.461	0.055512	3.99549	17.5	22811	102845.7	11.08457	446.9029
1104	743	-9999	-9999	11.84051	27.32873	20.1	23.303	0.061257	3.995868	17.5	21828	89175.77	9.717577	391.5916
1105	744	-9999	-9999	11.82521	27.41836	20	27.225	0.070214	3.993597	17.5	22053	78646.47	8.664647	350.426
1106	745	-9999	-9999	11.82289	27.34252	20.1	28.151	0.071718	3.994354	17.5	22268	77733.49	8.573349	345.6566
1107	746	-9999	-9999	11.82055	27.25288	20.1	23.959	0.066121	3.998518	17.5	22358	84565.9	9.25659	371.9799
1108	747	-9999	-9999	11.83123	27.22531	20.1	27.019	0.071638	3.999654	17.5	22065	77008.83	8.500883	341.2658
1109	748	-9999	-9999	11.98553	27.24599	20.2	31.57	0.080054	4.000411	17.5	20695	64621.36	7.262136	291.6586
1110	749	-9999	-9999	12.06167	27.0943	20.2	29.528	0.081343	4.001546	17.5	22503	69134.14	7.713414	308.058
1111	750	-9999	-9999	11.85018	27.20462	20.2	36.088	0.09107	4.001168	17.5	26054	71500.85	7.950085	318.8029
1112	751	-9999	-9999	11.86085	27.15636	20.2	34.105	0.09049	4.001168	17.5	22513	62179.29	7.017929	280.9237
1113	752	-9999	-9999	11.87152	27.1012	20.1	34.152	0.089328	4.002303	17.5	23059	64497.85	7.249785	289.7141
1114	753	-9999	-9999	11.86907	27.02536	20	33.292	0.087587	4.004953	17.5	23602	67284.34	7.528434	300.1098
1115	754	-9999	-9999	11.8666	26.92883	20	32.709	0.085309	4.014038	17.5	25378	74110.56	8.211056	326.1524

1116	755	-9999	-9999	11.8641	26.79783	20.2	30.7	0.080744	4.019716	17.5	27149	83647.07	9.164707	362.0146
1117	756	-9999	-9999	11.87473	26.79094	20.2	28.892	0.083746	4.020095	17.5	25398	75439.17	8.343917	329.5078
1118	757	-9999	-9999	11.88536	26.88746	20.2	44.991	0.105132	4.018959	17.5	25935	61381.55	6.938155	274.9804
1119	758	-9999	-9999	11.86964	26.75646	20.2	31.243	0.086856	4.022366	17.5	26468	75759.8	8.37598	330.3484
1120	759	-9999	-9999	11.85388	26.72888	20.2	28.398	0.075578	4.023123	17.5	26170	86068.68	9.406868	370.6241
1121	760	-9999	-9999	11.85127	26.7013	20.3	27.769	0.069077	4.024259	17.5	26365	94843.17	10.28432	404.639
1122	761	-9999	-9999	11.86184	26.50825	20.4	18.284	0.052947	4.012903	17.5	23600	111074.5	11.90745	464.9559
1123	762	-9999	-9999	11.85919	26.29451	20.8	20.014	0.051249	3.98754	17.5	15591	76292.65	8.429265	326.0434
1124	763	-9999	-9999	11.85652	26.20488	20.7	18.702	0.053942	3.988297	17.5	6985	32467.99	4.046799	156.0494
1125	764	-9999	-9999	11.88031	26.19799	20.4	28.369	0.069555	3.989433	17.5	10913	39328.45	4.732845	182.6426
1126	765	-9999	-9999	11.89087	26.14283	20.4	26.67	0.07406	3.989433	17.5	18722	63365.88	7.136588	274.8243
1127	766	-9999	-9999	11.86163	26.10835	20.6	34.089	0.084972	3.989812	17.5	20139	59402.85	6.740285	259.0442
1128	767	-9999	-9999	11.85887	26.02562	20.7	31.033	0.079404	3.992083	17.5	21557	68005.8	7.60058	291.0825
1129	768	-9999	-9999	11.85609	25.94288	20.9	23.121	0.065948	3.991704	17.5	24250	92119.04	10.0119	381.951
1130	769	-9999	-9999	11.85329	26.08078	21	27.095	0.070077	3.996247	17.5	30496	108896.1	11.68961	448.1728
1131	770	-9999	-9999	11.86378	26.20488	21	28.541	0.073689	4.001546	17.5	33481	113544.3	12.15443	468.2112
1132	771	-9999	-9999	11.8876	26.25314	20.9	27.032	0.074353	4.000411	17.5	36464	122592	13.0592	504.1628
1133	772	-9999	-9999	12.15153	26.19799	21	33.137	0.08406	4.001546	17.5	72333	215039	22.3039	858.9618
1134	773	-9999	-9999	12.12221	26.1842	20.8	32.396	0.08194	4.003061	17.5	30873	94121.65	10.21217	393.3486
1135	774	-9999	-9999	11.9191	26.14283	20.7	24.413	0.068696	4.004575	17.5	47135	171338.8	17.93388	689.9142
1136	775	-9999	-9999	12.0366	26.17041	20.8	26.839	0.070578	4.004196	17.5	47079	166586.6	17.45866	672.1125
1137	776	-9999	-9999	12.11412	26.21178	20.9	29.417	0.0764	4.001925	17.5	26949	88141.14	9.614114	370.577
1138	777	-9999	-9999	12.21856	26.22557	20.8	29.975	0.077659	4.000789	17.5	28109	90470.49	9.847049	379.8844
1139	778	-9999	-9999	12.22929	26.15662	20.8	28.04	0.074026	4.004196	17.5	29439	99317.32	10.73173	412.9257
1140	779	-9999	-9999	12.05214	26.10146	20.9	26.924	0.07158	4.004575	17.5	25728	89755.11	9.775511	375.2123
1141	780	-9999	-9999	12.10301	26.06009	20.9	27.737	0.072614	4.00571	17.5	25884	88987.42	9.698742	371.6757
1142	781	-9999	-9999	12.08672	25.96356	21.4	27.964	0.073175	4.00836	17.5	25909	88332.16	9.633216	367.1729
1143	782	-9999	-9999	12.08385	25.9222	21.3	27.524	0.071147	4.010631	17.5	24793	86888.3	9.48883	361.2159
1144	783	-9999	-9999	12.08096	25.86014	21.4	24.424	0.067257	4.012524	17.5	25194	93356.35	10.13563	384.7838
1145	784	-9999	-9999	12.105	25.85325	21.6	28.38	0.072472	4.012903	17.5	21793	74935.42	8.293542	314.5541
1146	785	-9999	-9999	12.11557	25.80499	21.6	27.567	0.074021	4.014417	17.5	19829	66730.43	7.473043	282.9054
1147	786	-9999	-9999	12.11264	25.79809	21.4	30.4	0.078418	4.013281	17.5	19470	61865.45	6.986545	264.597
1148	787	-9999	-9999	12.25835	25.56367	21.3	29.924	0.078559	4.024259	17.5	18216	57620.05	6.562005	246.3441
1149	788	-9999	-9999	12.33666	25.74293	21.3	29.315	0.077382	4.017445	17.5	18613	59872.04	6.787204	256.585
1150	789	-9999	-9999	12.44217	25.74983	21.4	29.541	0.075628	4.017824	17.5	21777	71667.98	7.966798	301.1571
1151	790	-9999	-9999	12.54785	25.57746	21.9	25.239	0.063599	4.029558	17.5	16875	65846.81	7.384681	276.8136
1152	791	-9999	-9999	12.396	20.04097	22.5	14.75	0.043112	3.384905	17.5	23034	157843.8	16.58438	486.1094
1153	792	-9999	-9999	12.36604	17.83465	22.8	14.219	0.040129	3.065038	17.5	24334	197842.5	20.58425	536.3833
1154	793	-9999	-9999	12.68924	17.90359	22.9	20.02	0.048848	3.064281	17.5	23029	153851.3	16.18513	423.2388
1155	794	-9999	-9999	12.60505	17.86912	22.8	17.259	0.050274	3.064281	17.5	24744	160620.9	16.86209	440.2406
1156	795	-9999	-9999	12.8065	17.96565	22.9	25.758	0.062846	3.063146	17.5	24582	127694.3	13.56943	356.0683
1157	796	-9999	-9999	12.4498	17.93117	22.7	23.236	0.05886	3.062767	17.5	23410	129858.2	13.78582	361.2965
1158	797	-9999	-9999	12.47419	17.90359	22.7	15.721	0.045006	3.063524	17.5	25341	183794.5	19.17945	501.8787
1159	798	-9999	-9999	12.48497	17.86222	22.4	16.664	0.043434	3.062767	17.5	24424	183600.1	19.16001	500.7193
1160	799	-9999	-9999	12.49574	17.83465	22.4	16.817	0.041299	3.063146	17.5	19925	157502.4	16.55024	431.8488
1161	800	-9999	-9999	12.49284	17.74501	22.6	10.387	0.031473	3.063146	17.5	20951	217321.5	22.53215	584.5858
1162	801	-9999	-9999	12.88665	17.7588	22.4	13.512	0.037816	3.063146	17.5	19415	167609.1	17.56091	456.2719
1163	802	-9999	-9999	12.89774	17.84154	22.5	21.928	0.052063	3.06201	17.5	17831	111851.8	11.98518	312.7468
1164	803	-9999	-9999	12.89512	17.80017	22.5	17.676	0.048993	3.062389	17.5	20635	137534.7	14.55347	378.8846
1165	804	-9999	-9999	12.60446	17.84844	22.4	19.257	0.050475	3.061253	17.5	13845	89602.05	9.760205	254.872
1166	805	-9999	-9999	12.61528	17.84154	22.5	20.57	0.052714	3.061632	17.5	13790	85445.13	9.344513	243.8401
1167	806	-9999	-9999	12.61236	17.82086	22.6	18.85	0.050268	3.06201	17.5	13865	90078.92	9.807892	255.5486
1168	807	-9999	-9999	12.62317	17.84154	22.3	18.831	0.048735	3.060874	17.5	13914	93274.51	10.12745	264.4493
1169	808	-9999	-9999	12.63398	17.83465	22.4	17.127	0.047408	3.061632	17.5	16802	115760.3	12.37603	322.9302
1170	809	-9999	-9999	12.65856	17.87601	25.9	20.93	0.051102	3.060117	17.5	15811	101108.4	10.91084	282.0195
1171	810	-9999	-9999	12.66938	17.86912	38.4	15.858	0.045984	3.060496	17.5	16181	114976.6	12.29766	304.9944
1172	811	-9999	-9999	12.90096	17.90359	38.4	20.655	0.052815	3.05936	17.5	15836	98007.28	10.60073	263.416
1173	812	-9999	-9999	12.93959	17.92428	38.4	22.14	0.054245	3.065795	17.5	17081	102709.5	11.07095	275.4182
1174	813	-9999	-9999	12.66037	17.85533	38.4	14.669	0.041221	3.05936	17.5	16769	132969.9	14.09699	349.3498
1175	814	-9999	-9999	12.67115	17.85533	38.3	13.325	0.037953	3.05936	17.5	16755	144299.7	15.22997	377.5484
1176	815	-9999	-9999	13.0696	17.8967	38.3	18.708	0.048071	3.058603	17.5	17047	115941.1	12.39411	307.9597
1177	816	-9999	-9999	12.72044	17.91049	38.4	21.628	0.054121	3.05936	17.5	17744	107166.2	11.51662	286.2852
1178	817	-9999	-9999	13.06409	17.92428	38.4	18.38	0.049544	3.058225	17.5	17008	112251.6	12.02516	299.1567
1179	818	-9999	-9999	12.76981	17.8898	37.5	18	0.047894	3.054818	17.5	16112	110124	11.8124	294.1482
1180	819	-9999	-9999	12.98902	17.8898	36.6	19	0.050355	3.054818	17.5	12077	78511.18	8.651118	216.0531
1181	820	-9999	-9999	12.93051	17.92428	35.7	21	0.05342	3.054818	17.5	13148	80569.4	8.85694	222.2653
1182	821	-9999	-9999	13.05278	17.93807	34.8	19	0.052106	3.058603	17.5	15528	97431.86	10.54319	265.5592
1183	822	-9999	-9999	13.41201	17.8898	34	22	0.055172	3.066174	17.5	17905	105843.1	11.38431	286.7185
1184	823	-9999	-9999	13.33971	17.93117	33.1	19	0.051669	3.066174	17.5	17325	109357.9	11.73579	297.1247
1185	824	-9999	-9999	13.35098	17.93807	32.2	20	0.052544	3.066174	17.5	21095	130935.4	13.89354	352.9268
1186	825	-9999	-9999	13.36225	17.93807	31.3	21	0.054734	3.058603	17.5	22437	134025.4	14.20254	361.8426
1187	826	-9999	-9999	13.37351	17.91049	30.5	21	0.054734	3.058603	17.5	21979	131289.6	13.92896	355.2604
1188	827	-9999	-9999	13.38478	17.93807	29.6	20	0.056923	3.043462	17.5	21521	124224.4	13.22244	338.7638
1189	828	-9999	-9999	13.43804	17.92428	28.7	29	0.066118	3.054818	17.5	21268	105298	11.3298	290.9153
1190	829	-9999	-9999	13.51939	17.80707	22.6	15	0.045101	3.058603	17.5	24845	180108.5	18.81085	489.745
1191	830	-9999	-9999	13.39054	17.93117	23.1	14	0.037657	3.054818	17.5	27857	242162.1	25.01621	654.7353
1192	831	-9999	-9999	13.44388	17.91049	23.6	15	0.03897	3.058603	17.5	30167	253089.7	26.10897	681.3974
1193	832	-9999	-9999	13.52538	17.91049	27.2	15	0.039846	3.054818	17.5	28825	236809	24.4809	631.2496
1194	833	-9999	-9999	13.53672	17.91738	38.5	16	0.041598	3.054818	17.5	27483	216277.2	22.42772	557.5536
1195	834	-9999	-9999	13.53399	17.60022	22.6	16	0.047015	3.058603	17.5	16607	115485.8	12.34858	317.7638

1196	835	-9999	-9999	13.72836	25.77051	23.1	27.373	0.06057	4.037508	17.5	26046	106505	11.4505	430.7082
1197	836	-9999	-9999	13.73984	21.14413	23.6	12.837	0.041308	3.457206	17.5	19012	133128.6	14.11286	434.8187
1198	837	-9999	-9999	13.44103	18.11733	27.2	15.617	0.03888	3.055196	17.5	14830	124847.2	13.28472	346.5078
1199	838	-9999	-9999	13.43813	18.07596	38.5	13.488	0.037064	3.055953	17.5	16545	146071	15.4071	386.4108
1200	839	-9999	-9999	13.54823	18.09665	38.5	15.078	0.040714	3.054818	17.5	18225	146532.6	15.45326	388.0119
1201	840	-9999	-9999	13.46055	18.11733	38.6	19.183	0.048112	3.054439	17.5	28563	194366.4	20.23664	508.5341
1202	841	-9999	-9999	13.59912	18.11733	38.6	18.067	0.046368	3.054818	17.5	41788	295016.6	30.30166	761.4617
1203	842	-9999	-9999	13.62459	18.07596	38.7	14.444	0.041643	3.054818	17.5	38765	304727.2	31.27272	783.8182
1204	843	-9999	-9999	13.59339	18.07596	38.7	19.261	0.048522	3.054818	17.5	37483	252877.4	26.08774	653.8619
1205	844	-9999	-9999	13.54794	18.07596	28	19.326	0.050034	3.054818	17.5	40337	263908.3	27.19083	705.7241
1206	845	-9999	-9999	13.55918	18.14491	24.5	17.702	0.046939	3.053682	17.5	44258	308771.2	31.67712	835.0042
1207	846	-9999	-9999	13.59885	18.08975	24.5	17.064	0.043869	3.054061	17.5	47438	354073.1	36.20731	951.5178
1208	847	-9999	-9999	13.61011	18.20007	33.5	14.229	0.041368	3.044976	17.5	28423	225644.5	23.36445	599.6248
1209	848	-9999	-9999	13.77795	18.38623	39.1	20.495	0.052172	3.049518	17.5	15199	95532.02	10.3532	263.6081
1210	849	-9999	-9999	13.68963	18.36554	39.1	22.94	0.057656	3.049897	17.5	17464	99314.08	10.73141	272.9304
1211	850	-9999	-9999	13.65817	18.33796	39.1	19.42	0.057686	3.049897	17.5	21687	123266.7	13.12667	333.3474
1212	851	-9999	-9999	13.65518	18.43449	39.2	31.122	0.076953	3.04914	17.5	24012	102335.4	11.03354	281.5779
1213	852	-9999	-9999	13.66645	18.48275	39.2	31.836	0.077601	3.047247	17.5	25184	106500.1	11.45001	292.9713
1214	853	-9999	-9999	13.8778	18.47586	39.2	18.758	0.056008	3.048004	17.5	23423	137206.5	14.52065	371.401
1215	854	-9999	-9999	13.91784	18.51033	39.3	21.043	0.054034	3.047247	17.5	20652	125426.1	13.34261	341.7971
1216	855	-9999	-9999	13.62867	18.57928	39.3	20.472	0.051104	3.046111	17.5	24871	159769.9	16.77699	431.3764
1217	856	-9999	-9999	13.63987	18.51033	39.3	13.779	0.044958	3.046868	17.5	42416	309647	31.7647	813.7151
1218	857	-9999	-9999	13.65108	18.58617	39.3	27.087	0.063321	3.045354	17.5	47164	244583.4	25.25834	649.6932
1219	858	-9999	-9999	13.69099	18.54481	39.3	22.484	0.061063	3.046111	17.5	33899	182247.9	19.02479	488.2651
1220	859	-9999	-9999	13.91767	18.56549	39.3	22.432	0.060687	3.045733	17.5	19891	107613.5	11.56135	297.0491
1221	860	-9999	-9999	13.82845	18.59307	39.4	26.385	0.065099	3.04649	17.5	16627	83837.37	9.183737	236.2354
1222	861	-9999	-9999	14.04119	18.45517	39.4	20.701	0.058778	3.046868	17.5	13366	74633.03	8.263303	210.9824
1223	862	-9999	-9999	14.05268	18.54481	39.4	25.048	0.068062	3.045354	17.5	20110	97021.91	10.50219	269.4491
1224	863	-9999	-9999	14.06417	18.73786	39.4	34.546	0.084285	3.043462	17.5	23944	93342.79	10.13428	262.7165
1225	864	-9999	-9999	14.07566	18.59996	39.4	29.256	0.075006	3.044976	17.5	24686	108086.2	11.60862	298.7219
1226	865	-9999	-9999	14.08715	18.54481	39.5	19.728	0.056024	3.044976	17.5	22652	132783.7	14.07837	361.0856
1227	866	-9999	-9999	14.09864	18.53102	39.5	19.78	0.051122	3.045354	17.5	22438	144124.4	15.21244	389.8825
1228	867	-9999	-9999	14.11013	18.53102	39.5	17.904	0.0472	3.046111	17.5	19476	135461.2	14.34612	367.6794
1229	868	-9999	-9999	14.12162	18.50344	39.5	16.398	0.046226	3.044976	17.5	20582	146224	15.4224	394.6754
1230	869	-9999	-9999	14.13311	18.47586	39.5	22.074	0.057177	3.04649	17.5	20994	120525.2	12.85252	328.419
1231	870	-9999	-9999	14.1446	18.61375	39.5	25.885	0.06314	3.044597	17.5	20255	105365.6	11.33656	291.8439
1232	871	-9999	-9999	14.15609	18.52412	39.6	18.584	0.05168	3.044976	17.5	19707	125231.8	13.32318	341.226
1233	872	-9999	-9999	14.16758	18.5517	39.6	17.805	0.047068	3.045354	17.5	19428	135539.4	14.35394	368.1727
1234	873	-9999	-9999	14.17907	18.57928	39.6	17.689	0.048435	3.045354	17.5	19332	131063.1	13.90631	357.2214
1235	874	-9999	-9999	14.19056	18.61375	39.6	22.054	0.05483	3.044597	17.5	18689	111954.5	11.99545	308.7075
1236	875	-9999	-9999	14.20205	18.59307	39.6	19.314	0.048315	3.044597	17.5	19566	133012	14.1012	362.4965
1237	876	-9999	-9999	14.21354	18.5586	39.7	11.031	0.040434	3.032862	17.5	12527	102152.9	11.01529	282.5523
1238	877	-9999	-9999	14.22503	18.58617	39.8	28.904	0.06802	3.016585	17.5	11647	56762.61	6.476261	166.3157
1239	878	-9999	-9999	14.23652	18.52412	39.8	28.696	0.074646	3.018857	17.5	10768	47784.54	5.578454	142.781
1240	879	-9999	-9999	14.24801	18.46896	39.8	26.787	0.067633	3.021885	17.5	13931	68162.25	7.616225	194.3575
1241	880	-9999	-9999	14.2595	18.56549	39.8	18.616	0.051334	3.020749	17.5	23593	152145.6	16.01456	410.8094
1242	881	-9999	-9999	14.27099	18.58617	39.8	15.986	0.038286	3.019992	17.5	21147	182895.6	19.08956	490.2357
1243	882	-9999	-9999	14.28249	19.00675	39.8	4.877	0.017374	3.062767	17.5	13446	252681.8	26.06818	684.6013
1244	883	-9999	-9999	14.29398	19.52386	39.9	4.185	0.019504	3.124848	17.5	8369	137312.8	14.53128	391.8771
1245	884	-9999	-9999	14.30547	19.31702	39.9	22.927	0.052776	3.126362	17.5	9168	55564.29	6.356429	169.603
1246	885	-9999	-9999	14.31696	19.3446	39.9	24.637	0.063463	3.125605	17.5	11725	59109.2	6.71092	179.3172
1247	886	-9999	-9999	14.32845	19.32391	39.9	23.462	0.063162	3.125605	17.5	15592	78979.35	8.697935	232.1622
1248	887	-9999	-9999	14.33994	19.42044	39.9	25.763	0.067257	3.125226	17.5	15867	75487.97	8.348797	223.9563
1249	888	-9999	-9999	14.35143	19.42733	39.9	27.086	0.067072	3.124469	17.5	15097	72039.98	8.003998	214.7833
1250	889	-9999	-9999	14.36292	19.42733	39.9	19.071	0.054696	3.124469	17.5	15581	91172.43	9.917243	266.1242
1251	890	-9999	-9999	14.37441	19.4756	39.9	21.544	0.056161	3.124469	17.5	15933	90799.96	9.879996	265.7834
1252	891	-9999	-9999	14.3859	19.38597	39.9	23.013	0.05739	3.125605	17.5	17127	95480.08	10.34801	277.0923
1253	892	-9999	-9999	14.39739	19.50318	39.9	17.47	0.046887	3.124091	17.5	18299	124926.6	13.29266	358.0945
1254	893	-9999	-9999	14.40888	19.50318	39.9	14.186	0.040978	3.124091	17.5	16206	126590.6	13.45906	362.5771
1255	894	-9999	-9999	14.42037	19.49628	39.9	19.371	0.04882	3.124091	17.5	15895	104216.6	11.22166	302.1964
1256	895	-9999	-9999	14.43186	19.46181	39.9	19.825	0.052745	3.124469	17.5	14481	87870.33	9.587033	257.7197
1257	896	-9999	-9999	14.63573	19.48249	40	21.787	0.056412	3.123334	17.5	14880	84451.94	9.245194	248.7151
1258	897	-9999	-9999	14.63256	19.4756	40	21.861	0.058551	3.123712	17.5	15833	86567.46	9.456746	254.3162
1259	898	-9999	-9999	14.31811	19.52386	40	24.488	0.061142	3.122955	17.5	16063	84124.45	9.212445	248.3603
1260	899	-9999	-9999	14.31465	19.54455	40	19.822	0.056199	3.123334	17.5	15795	89985.91	9.798591	264.4422
1261	900	-9999	-9999	14.6823	19.57212	40	24.57	0.061881	3.122198	17.5	17546	90815.59	9.881559	267.0576
1262	901	-9999	-9999	14.47109	19.55834	40	23.221	0.061094	3.121819	17.5	17541	91970.83	9.997083	269.9894
1263	902	-9999	-9999	14.69072	19.55144	40	22.071	0.058273	3.122198	17.5	17367	95454.71	10.34547	279.2998
1264	903	-9999	-9999	14.59819	19.57212	40	21.578	0.05646	3.121441	17.5	17486	99219.39	10.72194	289.7696
1265	904	-9999	-9999	14.52038	19.36528	40	20.559	0.052354	3.101757	17.5	18351	113005.6	12.10056	323.5719
1266	905	-9999	-9999	14.41262	18.74475	40	15.752	0.043159	3.043083	17.5	15233	115983.4	12.39834	320.9111
1267	906	-9999	-9999	14.39417	18.73786	40.1	15	0.040274	3.042326	17.5	11148	90984.53	9.898453	256.0296
1268	907	-9999	-9999	14.37568	18.76544	40.1	16.225	0.042762	3.041947	17.5	11913	91582.55	9.958255	257.9555
1269	908	-9999	-9999	14.37208	18.8137	40.1	17.759	0.044789	3.042705	17.5	13455	98730.32	10.67303	277.182
1270	909	-9999	-9999	14.3834	18.80681	40.1	15.028	0.041417	3.041569	17.5	13352	105990.8	11.39908	295.9292
1271	910	-9999	-9999	14.34984	18.82749	40.1	16.717	0.044181	3.040812	17.5	14631	108904.2	11.69042	303.8263
1272	911	-9999	-9999	14.34615	18.83439	40.1	19.005	0.049278	3.040433	17.5	14935	99681.5	10.76815	279.9596
1273	912	-9999	-9999	14.31247	18.84128	40.1	19.804	0.050555	3.041569	17.5	15709	102162.1	11.01621	286.5139
1274	913	-9999	-9999	14.27872	18.83439	40.2	17.235	0.045943	3.041569	17.5	10002	71576.41	7.957641	206.8236
1275	914	-9999	-9999	14.2599	18.8137	40.2	16.18	0.042385	3.041569	17.5	16322	126607.8	13.46078	349.469

1276	915	-9999	-9999	14.27109	18.79302	40.2	14.844	0.041817	3.041569	17.5	16770	131849.5	13.98495	362.6784
1277	916	-9999	-9999	14.49275	18.8206	40.2	19.946	0.048807	3.041569	17.5	16328	109990.8	11.79908	306.4402
1278	917	-9999	-9999	14.35364	18.79302	40.2	16.836	0.046824	3.04119	17.5	16405	115202.1	12.32021	319.5058
1279	918	-9999	-9999	14.36487	18.84128	40.3	19.647	0.051431	3.040055	17.5	17434	111503.5	11.95035	310.611
1280	919	-9999	-9999	14.39117	18.83439	40.3	22.034	0.056355	3.041569	17.5	17241	100585.4	10.85854	282.1296
1281	920	-9999	-9999	14.40242	18.86886	40.3	20.919	0.054991	3.040055	17.5	16910	101150.9	10.91509	284.1179
1282	921	-9999	-9999	14.30801	18.88265	40.3	19.878	0.053607	3.040055	17.5	18034	110660.5	11.86605	309.097
1283	922	-9999	-9999	14.25875	18.89644	40.3	21.995	0.056343	3.040812	17.5	18316	106905.3	11.49053	299.5336
1284	923	-9999	-9999	14.25475	18.93781	40.3	20.818	0.055485	3.040055	17.5	17465	103541.6	11.15416	291.4017
1285	924	-9999	-9999	14.67431	18.95849	40.4	21.448	0.056007	3.040433	17.5	19489	114448.1	12.24481	320.1422
1286	925	-9999	-9999	14.68573	18.98607	40.4	21.299	0.055435	3.039676	17.5	19295	114508	12.2508	320.7648
1287	926	-9999	-9999	14.31836	18.98607	40.4	19.957	0.054057	3.038541	17.5	19162	116661.1	12.46611	326.4024
1288	927	-9999	-9999	14.31432	18.99986	40.4	22.327	0.055598	3.038919	17.5	19207	113680.1	12.16801	318.8286
1289	928	-9999	-9999	14.31026	18.9447	40.4	17.708	0.050038	3.039298	17.5	18268	120121.9	12.81219	334.7328
1290	929	-9999	-9999	14.30617	18.96539	40.4	21.116	0.055013	3.038919	17.5	19556	116975.6	12.49756	326.8694
1291	930	-9999	-9999	14.43885	18.97228	40.4	23.466	0.058896	3.037784	17.5	18960	105973.8	11.39738	298.2029
1292	931	-9999	-9999	14.45004	18.92402	40.5	19.525	0.052296	3.038541	17.5	17978	113138.7	12.11387	316.0421
1293	932	-9999	-9999	14.46122	18.92402	40.5	17.866	0.048925	3.038919	17.5	17771	119526.2	12.75262	332.7065
1294	933	-9999	-9999	14.45717	18.93781	37.9	20.745	0.051914	3.04384	17.5	15000	94926.35	10.29264	270.9693
1295	934	-9999	-9999	14.46834	19.09639	27.4	17.714	0.048408	3.056332	17.5	10330	69820.17	7.782017	213.8064
1296	935	-9999	-9999	14.47952	19.13086	27.4	18.953	0.049456	3.055953	17.5	10054	66523.77	7.452377	205.1193
1297	936	-9999	-9999	14.46015	19.13775	27.2	19.42	0.051976	3.055575	17.5	11660	73418.72	8.141872	224.327
1298	937	-9999	-9999	14.34905	19.2136	27.2	22.068	0.056649	3.053682	17.5	12814	74074.62	8.207462	227.0303
1299	938	-9999	-9999	14.34481	19.23428	27	21.682	0.056049	3.053682	17.5	14764	86260.55	9.426055	261.193
1300	939	-9999	-9999	14.35585	19.31702	26.7	19.208	0.052625	3.052168	17.5	15612	97197.57	10.51976	293.0459
1301	940	-9999	-9999	14.33626	19.29633	26.9	21.671	0.054867	3.053304	17.5	16000	95507.43	10.35074	287.837
1302	941	-9999	-9999	14.33195	19.28254	27.4	19.413	0.050522	3.053304	17.5	17055	110561.3	11.85613	328.9156
1303	942	-9999	-9999	14.32762	19.11707	26.5	16.058	0.039424	3.054439	17.5	20648	171471	17.9471	495.1027
1304	943	-9999	-9999	14.38467	19.08949	26.2	6.39	0.027875	3.055196	17.5	18890	221810.3	22.98103	633.6926
1305	944	-9999	-9999	14.39571	19.15844	25.7	22.042	0.051292	3.056332	17.5	9678	61735.57	6.973557	193.3104
1306	945	-9999	-9999	14.62199	19.13775	25.7	22.582	0.053803	3.055575	17.5	13004	79099.93	8.709993	241.1845
1307	946	-9999	-9999	14.64857	19.05502	25.6	10.505	0.036213	3.056711	17.5	14659	132429.4	14.04294	387.3053
1308	947	-9999	-9999	14.65978	19.04812	25.1	18.101	0.041961	3.057468	17.5	15534	121082.1	12.90821	356.4773
1309	948	-9999	-9999	14.67099	19.05502	25	12.92	0.036541	3.058225	17.5	15385	137672.4	14.56724	402.5741
1310	949	-9999	-9999	14.6822	19.03433	25	13.671	0.037407	3.058603	17.5	15849	138523.6	14.65236	404.487
1311	950	-9999	-9999	14.69341	19.00675	25.1	17.826	0.045032	3.057846	17.5	14924	108380.3	11.63803	320.7015
1312	951	-9999	-9999	14.70461	19.01365	25.1	17.868	0.048089	3.058982	17.5	14836	100854.3	10.88543	300.0713
1313	952	-9999	-9999	14.71582	19.05502	25	20.527	0.054423	3.057846	17.5	15562	93512.39	10.15124	280.5353
1314	953	-9999	-9999	14.72703	19.11018	25.1	24.314	0.061747	3.056332	17.5	15165	80356.85	8.835685	244.804
1315	954	-9999	-9999	14.7692	19.08949	25.1	23.235	0.05691	3.056711	17.5	17762	102105.7	11.01057	304.7317
1316	955	-9999	-9999	14.78043	18.97918	25	12.716	0.039798	3.057089	17.5	17146	140925.4	14.89254	409.9259
1317	956	-9999	-9999	14.80717	18.98607	25.1	16.792	0.041934	3.057089	17.5	16164	126087.3	13.40873	369.0934
1318	957	-9999	-9999	14.81841	18.98607	25.1	15.885	0.042518	3.057089	17.5	15306	117755.5	12.57555	346.1588
1319	958	-9999	-9999	14.82965	19.02054	25.1	16.77	0.043293	3.057089	17.5	14826	112021.8	12.00218	330.9761
1320	959	-9999	-9999	14.68549	18.95849	25.1	15.906	0.046637	3.056711	17.5	14773	103630.5	11.16305	306.8317
1321	960	-9999	-9999	14.8988	19.15154	25	26.114	0.063214	3.054818	17.5	15124	78318.79	8.631879	239.7554
1322	961	-9999	-9999	15.1124	19.15154	24.9	24.006	0.061747	3.054818	17.5	15394	81611.3	8.96113	248.984
1323	962	-9999	-9999	15.03038	19.13086	25	18.879	0.052885	3.054439	17.5	15840	98059.9	10.60599	294.2692
1324	963	-9999	-9999	15.13527	19.32391	25.1	21.256	0.056933	3.048761	17.5	14240	82039.31	9.003931	252.2556
1325	964	-9999	-9999	15.0375	19.3377	25.2	26.12	0.063884	3.04914	17.5	10194	52332.75	6.033275	169.0931
1326	965	-9999	-9999	15.04885	19.31702	25.3	20.162	0.056451	3.049518	17.5	11335	65844.4	7.38444	206.6712
1327	966	-9999	-9999	15.07582	19.31702	25.1	22.154	0.056905	3.048761	17.5	12974	74783.03	8.278303	231.8435
1328	967	-9999	-9999	15.11845	19.28944	25.1	21.18	0.055757	3.04914	17.5	14955	87965.72	9.596572	268.3794
1329	968	-9999	-9999	15.2863	19.28944	25.1	20.462	0.053484	3.04914	17.5	15641	95910.7	10.39107	290.5985
1330	969	-9999	-9999	15.31346	19.24807	24.8	19.117	0.050442	3.049518	17.5	16177	105165.6	11.31656	316.1201
1331	970	-9999	-9999	15.32497	19.31012	24.8	18.269	0.048103	3.048761	17.5	16741	114152.6	12.21526	342.3248
1332	971	-9999	-9999	15.33649	19.30323	24.8	17.664	0.047229	3.048383	17.5	16363	113654	12.1654	340.8057
1333	972	-9999	-9999	15.17538	19.28254	24.8	18.936	0.048822	3.048761	17.5	17874	120083.4	12.80834	358.4328
1334	973	-9999	-9999	15.20247	19.25497	24.9	18.091	0.048279	3.048761	17.5	11542	78414.3	8.64143	241.3977
1335	974	-9999	-9999	15.32388	19.26186	25	18.96	0.049277	3.048383	17.5	13803	91888.34	9.988834	279.0437
1336	975	-9999	-9999	15.35109	19.22739	24.9	18.607	0.048463	3.048761	17.5	15885	107511.3	11.55113	322.2179
1337	976	-9999	-9999	15.3311	19.19981	25	17.291	0.046416	3.049897	17.5	16113	113820.5	12.18205	339.2161
1338	977	-9999	-9999	15.16929	19.2136	25.1	18.234	0.046739	3.049897	17.5	15897	111518.3	11.95183	332.9329
1339	978	-9999	-9999	15.1491	19.26876	25.1	16.516	0.043254	3.044597	17.5	16798	127557.4	13.55574	378.6956
1340	979	-9999	-9999	15.38127	19.15154	25.2	14.484	0.039356	3.050275	17.5	16202	134963.8	14.29638	396.8239
1341	980	-9999	-9999	15.23488	19.13775	25.3	15.429	0.040707	3.050275	17.5	16463	132588.6	14.05886	389.8193
1342	981	-9999	-9999	15.26204	19.18602	25.3	16.765	0.043408	3.049518	17.5	15175	114638.5	12.26385	340.9055
1343	982	-9999	-9999	15.27341	19.16533	25.2	16.645	0.044242	3.049897	17.5	15747	116702.2	12.47022	346.3846
1344	983	-9999	-9999	15.28478	19.16533	25.2	17.694	0.043415	3.04914	17.5	16013	120963.4	12.89634	358.2207
1345	984	-9999	-9999	15.26449	19.0826	25.3	11.73	0.035601	3.049897	17.5	15891	146353.9	15.43539	426.754
1346	985	-9999	-9999	15.27583	19.0757	25.4	16.691	0.041458	3.049897	17.5	15738	124467.8	13.24678	365.9889
1347	986	-9999	-9999	15.14446	19.0826	25.4	16.187	0.043988	3.049518	17.5	14985	111708.9	11.97089	330.8575
1348	987	-9999	-9999	15.1557	19.06881	25.2	19.021	0.05002	3.051032	17.5	14860	97370.72	10.53707	291.2134
1349	988	-9999	-9999	15.34164	19.13086	25	21.964	0.055085	3.050654	17.5	16043	95468.63	10.34686	287.0796
1350	989	-9999	-9999	15.36891	19.09639	25.2	18.925	0.050841	3.049897	17.5	15733	101463.2	10.94632	302.9614
1351	990	-9999	-9999	15.36439	19.09639	25.1	18.447	0.048287	3.050275	17.5	15641	106193.1	11.41931	316.1582
1352	991	-9999	-9999	15.32801	19.17912	27.9	17.564	0.052857	3.054061	17.5	10448	64722.76	7.272276	200.3339
1353	992	-9999	-9999	15.37121	19.68934	40.4	32.01	0.073628	3.065417	17.5	9986	44244.38	5.224438	141.8593
1354	993	-9999	-9999	15.46227	19.62039	40.3	22.547	0.066005	3.068445	17.5	11637	57457.52	6.545752	177.1711
1355	994	-9999	-9999	15.45774	19.64797	40.3	28.543	0.071363	3.06731	17.5	13518	61756.7	6.97567	189.0729

1356	995	-9999	-9999	15.43722	19.78586	40.3	26.258	0.069203	3.065417	17.5	13070	61611.37	6.961137	190.0032
1357	996	-9999	-9999	15.54446	19.82034	40.3	24.47	0.065548	3.064281	17.5	13880	69104.02	7.710402	210.8209
1358	997	-9999	-9999	15.60387	19.83413	40.3	25.559	0.065939	3.064281	17.5	15786	78126.8	8.61268	235.6552
1359	998	-9999	-9999	15.66336	19.8686	40.3	23.885	0.063619	3.063524	17.5	16791	86152.15	9.415215	258.0615
1360	999	-9999	-9999	15.53079	19.8617	40.3	24.194	0.061544	3.063524	17.5	15947	84580.46	9.258046	253.6656
1361	1000	-9999	-9999	15.67039	19.77207	40.3	19.893	0.053726	3.06466	17.5	14846	90166.51	9.816651	267.7573
1362	1001	-9999	-9999	15.6819	19.69623	40.3	18.932	0.049912	3.065795	17.5	16284	106417.8	11.44178	310.8869
1363	1002	-9999	-9999	15.7897	19.71002	40.3	18.367	0.048292	3.065417	17.5	16022	108230.7	11.62307	316.0339
1364	1003	-9999	-9999	15.76917	19.78586	40.3	17.889	0.049937	3.065417	17.5	16230	106024.1	11.40241	311.227
1365	1004	-9999	-9999	15.68431	19.83413	40.3	24.123	0.059834	3.065417	17.5	16909	92188.66	10.01887	274.1305
1366	1005	-9999	-9999	15.9531	19.66865	40.3	22.268	0.059516	3.066553	17.5	15136	82933.45	9.093345	246.7311
1367	1006	-9999	-9999	15.96478	19.58591	40.3	22.726	0.059418	3.06731	17.5	16974	93134.78	10.11348	273.2562
1368	1007	-9999	-9999	15.97646	19.59281	40.3	22.525	0.060163	3.068067	17.5	15965	86491.41	9.449141	255.3964
1369	1008	-9999	-9999	15.97202	19.59281	40.3	24.574	0.064013	3.06731	17.5	14756	75151.91	8.315191	224.7474
1370	1009	-9999	-9999	15.67724	19.62039	40.3	25.372	0.065788	3.066553	17.5	13548	67154.86	7.515486	203.4184
1371	1010	-9999	-9999	15.88237	19.6066	40.3	24.184	0.063761	3.068067	17.5	10993	56194.64	6.419464	173.6308
1372	1011	-9999	-9999	16.03933	19.6066	40.3	23.509	0.064197	3.067688	17.5	9182	46623.96	5.462396	147.7444
1373	1012	-9999	-9999	16.01869	19.69623	40.3	28.393	0.072046	3.066931	17.5	7754	35092.46	4.309246	117.0874
1374	1013	-9999	-9999	15.90095	19.78586	40.4	27.456	0.071809	3.051032	17.5	7226	32981.73	4.098173	111.8233
1375	1014	-9999	-9999	15.96109	19.75139	40.3	25.779	0.068387	3.051032	17.5	6700	32111.11	4.011111	109.2919
1376	1015	-9999	-9999	15.7783	19.71691	40.4	25.609	0.067729	3.051032	17.5	6681	32330.98	4.033098	109.6642
1377	1016	-9999	-9999	16.03294	19.70312	40.4	26.464	0.071443	3.051032	17.5	6663	30567.66	3.856766	104.7962
1378	1017	-9999	-9999	15.99591	19.72381	40.4	31.696	0.081164	3.051032	17.5	6532	26377.54	3.437754	93.50885
1379	1018	-9999	-9999	16.1374	19.75828	40.4	32.114	0.074	3.051032	17.5	6399	28342.07	3.634207	99.02527
1380	1019	-9999	-9999	16.1491	19.46181	40.3	8.849	0.0373	3.051032	17.5	6269	55086.34	6.308634	169.373
1381	1020	-9999	-9999	15.9657	19.67555	40.3	17.675	0.043658	3.051032	17.5	10439	78369.37	8.636937	234.4295
1382	1021	-9999	-9999	16.13996	19.71691	40.2	20.157	0.054111	3.051032	17.5	11590	70201.68	7.820168	212.7744
1383	1022	-9999	-9999	16.18421	19.79965	40.2	25.276	0.064193	3.051032	17.5	12743	65063.08	7.306308	199.6272
1384	1023	-9999	-9999	16.19591	19.79965	40.2	25.343	0.066081	3.051032	17.5	13094	64945.44	7.294544	199.3058
1385	1024	-9999	-9999	16.15869	19.82723	40.2	24.267	0.064222	3.051032	17.5	13447	68626.66	7.662666	209.6555
1386	1025	-9999	-9999	16.25195	19.80655	40.2	24.259	0.063326	3.051032	17.5	13798	71414.69	7.941469	217.057
1387	1026	-9999	-9999	16.34532	19.79965	40.2	23.32	0.062631	3.051032	17.5	13962	73065.28	8.106528	221.4913
1388	1027	-9999	-9999	16.32442	19.80655	40.2	25.497	0.066525	3.051032	17.5	14129	69610.8	7.76108	212.1266
1389	1028	-9999	-9999	16.27077	19.81344	40.2	26.622	0.069754	3.051032	17.5	13546	63649.63	7.164963	195.9017
1390	1029	-9999	-9999	16.33158	19.82034	40.2	27.318	0.071329	3.051032	17.5	14058	64596.83	7.259683	198.5605
1391	1030	-9999	-9999	16.34419	19.81344	40.2	27.006	0.069605	3.051032	17.5	14570	68608.04	7.660804	209.4587
1392	1031	-9999	-9999	16.3568	19.80655	40.1	23.62	0.058418	3.051032	17.5	15627	87675.79	9.567579	261.5855
1393	1032	-9999	-9999	16.36942	19.72381	40.1	11.929	0.040581	3.051032	17.5	15147	122337.3	13.03373	354.8642
1394	1033	-9999	-9999	16.38203	19.78586	40.1	21.342	0.052465	3.051032	17.5	13738	85824.29	9.382429	256.2555
1395	1034	-9999	-9999	16.39465	19.79965	40.1	22.521	0.061192	3.051032	17.5	13302	71248.2	7.92482	216.5957
1396	1035	-9999	-9999	16.40727	19.8617	40.1	28.324	0.07362	3.051032	17.5	12866	57279.52	6.527952	178.9766
1397	1036	-9999	-9999	16.41988	19.95134	40.1	32.316	0.083329	3.051032	17.5	14340	56403.71	6.440371	177.3723
1398	1037	-9999	-9999	16.4325	20.02028	40.1	32.717	0.085276	3.051032	17.5	15261	58655.34	6.665534	184.2078
1399	1038	-9999	-9999	16.44512	20.03407	40.1	31.569	0.082722	3.051032	17.5	16183	64119.8	7.21198	199.4466
1400	1039	-9999	-9999	16.45775	20.02028	40.1	29.926	0.078896	3.051032	17.5	17840	74113.04	8.211304	226.9265
1401	1040	-9999	-9999	16.47037	19.98581	40.1	28.908	0.076009	3.051032	17.5	18376	79239.19	8.723919	240.6779
1402	1041	-9999	-9999	16.483	19.95134	40	28.03	0.074671	3.051032	17.5	18913	83015.8	9.10158	250.7439
1403	1042	-9999	-9999	16.49562	19.94444	40	29.505	0.078707	3.051032	17.5	18322	76297.5	8.42975	232.155
1404	1043	-9999	-9999	16.50825	19.9927	40	33.701	0.088588	3.051032	17.5	18708	69216.24	7.721624	213.1679
1405	1044	-9999	-9999	16.52088	20.03407	40	38.006	0.09874	3.051032	17.5	19094	63381.01	7.138101	197.4665
1406	1045	-9999	-9999	16.53351	20.07544	40	39.775	0.102288	3.051032	17.5	19145	61345.4	6.93454	192.2314
1407	1046	-9999	-9999	16.54614	20.04786	40	36.499	0.097325	3.051032	17.5	19197	64648.92	7.264892	201.1124
1408	1047	-9999	-9999	16.55877	20.04786	40	36.499	0.10062	3.051032	17.5	19197	62531.89	7.053189	195.2518
1409	1048	-9999	-9999	16.5714	22.86782	33	47.3	0.058123	2.982895	12.25	30	173.0356	0.817304	26.39781
1410	1049	-9999	-9999	16.56657	22.86092	33	45.2	0.057994	2.982895	12.25	46	265.9092	0.826591	26.68973
1411	1050	-9999	-9999	16.67798	22.86782	33	42.2	0.04879	2.982895	12.25	61	419.1417	0.841914	27.1927
1412	1051	-9999	-9999	16.72305	28.14231	20	13.4	0.029802	3.380362	12.25	76	754.4103	0.875441	36.34048
1413	1052	-9999	-9999	16.58518	28.14231	21	43.1	0.047181	3.384148	12.25	82	513.569	0.851357	35.22058
1414	1053	-9999	-9999	16.73009	28.1561	20	34.1	0.045786	3.380362	12.25	101	652.5642	0.865256	35.93531
1415	1054	-9999	-9999	16.92517	28.45947	20	33.9	0.042825	3.369006	12.25	120	831.7224	0.883172	37.07458
1416	1055	-9999	-9999	16.68707	28.1561	20	29.9	0.039285	3.380362	12.25	126	948.8083	0.894881	37.16565
1417	1056	-9999	-9999	16.73222	28.16989	20	29.6	0.036625	3.380362	12.25	132	1066.195	0.90662	37.67161
1418	1057	-9999	-9999	16.67725	28.20436	20	22.4	0.030875	3.380362	12.25	145	1389.324	0.938932	39.06202
1419	1058	-9999	-9999	16.75584	28.21126	20	24.7	0.032291	3.380362	12.25	162	1484.14	0.948414	39.46612
1420	1059	-9999	-9999	16.78436	28.21815	20	29.3	0.036646	3.380362	12.25	178	1436.906	0.943691	39.27916
1421	1060	-9999	-9999	16.79618	28.22504	20	28.9	0.03714	3.376577	12.25	201	1602.809	0.960281	39.97947
1422	1061	-9999	-9999	16.77452	28.21815	21	28.2	0.03935	3.376577	12.25	224	1685.899	0.96859	40.17849
1423	1062	-9999	-9999	16.81982	28.20436	21	41.7	0.049884	3.376577	12.25	333	1976.988	0.997699	41.36574
1424	1063	-9999	-9999	16.949	28.19747	20	37.5	0.048533	3.376577	12.25	442	2697.196	1.06972	44.49222
1425	1064	-9999	-9999	16.94412	28.22504	20	34.5	0.046087	3.376577	12.25	593	3810.687	1.181069	49.17155
1426	1065	-9999	-9999	16.9728	28.20436	20	39.3	0.049283	3.376577	12.25	637	3827.906	1.182791	49.20715
1427	1066	-9999	-9999	16.9679	28.23194	21	38	0.048082	3.376577	12.25	1112	6849.294	1.484929	61.62709
1428	1067	-9999	-9999	17.04704	28.21815	21	32.8	0.038212	3.376577	12.25	1586	12291.99	2.029199	84.17406
1429	1068	-9999	-9999	17.09263	28.23194	20	8.9	0.018709	3.380362	12.25	1667	26358.18	3.435818	143.0787
1430	1069	-9999	-9999	17.05408	28.09404	20	18.8	0.026111	3.387933	12.25	1600	18086.48	2.608648	108.102
1431	1070	-9999	-9999	17.06601	28.08026	20	37.6	0.04231	3.391718	12.25	1366	9518.828	1.751883	72.56216
1432	1071	-9999	-9999	17.11165	28.14231	20	28	0.039264	3.387933	12.25	1163	8742.856	1.674286	69.50136
1433	1072	-9999	-9999	17.14047	28.14231	20	33.4	0.040444	3.384148	12.25	748	5465.129	1.346513	55.89517
1434	1073	-9999	-9999	17.1862	28.17678	20	26.9	0.035766	3.380362	12.25	610	5045.341	1.304534	54.21892
1435	1074	-9999	-9999	17.23197	28.21126	20	25.7	0.033256	3.380362	12.25	472	4198.62	1.219862	50.76182

1436	1075	-9999	-9999	17.24398	28.21815	20	25.3	0.032462	3.380362	12.25	346	3153.069	1.115307	46.42234
1437	1076	-9999	-9999	17.22215	28.23883	20	24.4	0.031647	3.380362	12.25	447	4178.417	1.217842	50.72729
1438	1077	-9999	-9999	17.23414	28.26641	20	24.6	0.032634	3.380362	12.25	831	7533.002	1.5533	64.76348
1439	1078	-9999	-9999	17.33083	28.25262	20	29.3	0.038127	3.380362	12.25	780	6052.063	1.405206	58.56025
1440	1079	-9999	-9999	17.32592	28.2802	20	35.9	0.044392	3.380362	12.25	730	4864.729	1.286473	53.66452
1441	1080	-9999	-9999	17.27009	28.30089	20	34	0.043877	3.380362	12.25	2151	14502.52	2.250252	93.93668
1442	1081	-9999	-9999	17.45184	28.2802	20	32.6	0.041795	3.380362	12.25	1541	10907.12	1.890712	78.87001
1443	1082	-9999	-9999	17.379	28.26641	20	30.4	0.038899	3.380362	12.25	1608	12228.82	2.022882	84.34227
1444	1083	-9999	-9999	17.45904	28.2871	20	27.1	0.036324	3.380362	12.25	1292	10522.09	1.852209	77.28271
1445	1084	-9999	-9999	17.40309	28.26641	20	30.5	0.038749	3.380362	12.25	1401	10695.88	1.869588	77.95083
1446	1085	-9999	-9999	17.34704	28.26641	20	31.5	0.040294	3.380362	12.25	1510	11086.07	1.908607	79.57768
1447	1086	-9999	-9999	17.49532	28.30089	20	31.3	0.040251	3.380362	12.25	2163	15897.17	2.389717	99.75868
1448	1087	-9999	-9999	17.40512	28.2802	20	30.9	0.039779	3.380362	12.25	1501	11162.65	1.916265	79.93594
1449	1088	-9999	-9999	17.40009	28.2871	20	30.5	0.035638	3.380362	12.25	1654	13729.73	2.172973	90.66651
1450	1089	-9999	-9999	17.46331	24.5984	20	13.2	0.021134	3.179736	12.25	2556	38035.84	4.603584	167.0348
1451	1090	-9999	-9999	17.4241	22.71613	21	15.2	0.023151	3.005608	12.25	1274	18309.45	2.630945	87.85596
1452	1091	-9999	-9999	17.26517	22.69545	21	33.9	0.03862	3.009393	12.25	1185	10195.92	1.819592	60.70688
1453	1092	-9999	-9999	17.41391	22.68166	21	29.2	0.038169	3.009393	12.25	1096	9541.468	1.754147	58.48788
1454	1093	-9999	-9999	17.5286	22.68855	26	27.2	0.035638	3.009393	12.25	623	5808.968	1.380897	45.28695
1455	1094	-9999	-9999	17.42075	22.67477	36	28.1	0.03493	3.009393	12.25	611	5812.559	1.381256	43.80681
1456	1095	-9999	-9999	17.32987	22.70924	36	23.2	0.032505	3.009393	12.25	599	6123.43	1.412343	44.86085
1457	1096	-9999	-9999	17.30747	22.72303	36	30.6	0.035101	3.005608	12.25	671	6360.136	1.436014	45.64041
1458	1097	-9999	-9999	17.23352	22.86092	36	18	0.028236	3.047247	12.25	1141	13261.16	2.126116	67.98381
1459	1098	-9999	-9999	17.29687	23.75724	36	29	0.034822	3.092672	12.25	2592	24068.12	3.206812	106.56
1460	1099	-9999	-9999	17.46342	23.84687	36	28.3	0.035981	3.088886	12.25	2481	22322.93	3.032293	101.141
1461	1100	-9999	-9999	17.49259	23.90203	36	25.5	0.035316	3.088886	12.25	2272	20827.45	2.882745	96.3753
1462	1101	-9999	-9999	17.50456	23.88824	36	34.3	0.042589	3.088886	12.25	2062	15674.21	2.367421	79.10145
1463	1102	-9999	-9999	17.48208	23.9434	36	35.8	0.045207	3.085101	12.25	1732	12418.62	2.041862	68.38125
1464	1103	-9999	-9999	17.45956	23.86066	36	33.2	0.04334	3.088886	12.25	1665	12437.14	2.043714	68.20674
1465	1104	-9999	-9999	17.59222	23.8193	36	33.4	0.044842	3.088886	12.25	1596	11522.43	1.952243	65.04105
1466	1105	-9999	-9999	17.67326	23.93651	36	42.2	0.051	3.085101	12.25	1824	11592.73	1.959273	65.59647
1467	1106	-9999	-9999	17.71986	23.91582	36	35.5	0.048897	3.085101	12.25	2052	13602.64	2.160264	72.26314
1468	1107	-9999	-9999	17.69737	23.89514	36	43.7	0.051193	3.088886	12.25	2355	14892.86	2.289286	76.51283
1469	1108	-9999	-9999	17.7959	23.79172	36	28.3	0.039886	3.088886	12.25	2659	21582.24	2.958224	98.44225
1470	1109	-9999	-9999	17.73879	23.77103	36	29	0.038212	3.092672	12.25	2870	24285.31	3.228531	107.344
1471	1110	-9999	-9999	17.66427	23.92961	36	33.8	0.042053	3.088886	12.25	3005	23133.75	3.113375	104.2058
1472	1111	-9999	-9999	17.62429	23.9503	36	31.8	0.04053	3.088886	12.25	3137	25057.64	3.305764	110.7407
1473	1112	-9999	-9999	17.63626	23.90893	36	27.9	0.037719	3.088886	12.25	2929	25139.58	3.313958	110.8235
1474	1113	-9999	-9999	17.66559	23.9503	36	32.4	0.040894	3.088886	12.25	3103	24564.98	3.256498	109.0904
1475	1114	-9999	-9999	17.7123	23.99166	36	33.1	0.042353	3.085101	12.25	3276	25071.88	3.307188	110.9798
1476	1115	-9999	-9999	17.68956	23.79172	36	32.6	0.041731	3.092672	12.25	2431	18836.1	2.68361	89.30379
1477	1116	-9999	-9999	17.66677	23.9503	36	31	0.042117	3.085101	12.25	2412	18562.96	2.656296	88.98401
1478	1117	-9999	-9999	17.80053	23.95719	36	39.7	0.049326	3.088886	12.25	2394	15712.41	2.371241	79.45775
1479	1118	-9999	-9999	17.69069	23.98477	36	40.1	0.048597	3.085101	12.25	2593	17295.15	2.529515	84.85894
1480	1119	-9999	-9999	17.75492	23.90203	36	26.4	0.039993	3.088886	12.25	2793	22609.06	3.060906	102.3316
1481	1120	-9999	-9999	17.9064	23.96408	36	40.7	0.048382	3.085101	12.25	2932	19642.99	2.764299	92.65536
1482	1121	-9999	-9999	17.81381	23.74345	36	36.3	0.046215	3.092672	12.25	3072	21493.2	2.94932	97.94687
1483	1122	-9999	-9999	17.75599	23.8193	36	29.5	0.0395	3.088886	12.25	1658	13589.02	2.158902	71.92612
1484	1123	-9999	-9999	17.87279	23.93651	36	29.8	0.037011	3.088886	12.25	4017	35137.45	4.313745	144.4242
1485	1124	-9999	-9999	18.04218	23.95719	36	23.8	0.032183	3.088886	12.25	3851	38738.23	4.673823	156.6148
1486	1125	-9999	-9999	18.07182	23.95719	36	25	0.033771	3.07753	12.25	3204	30827.97	3.882797	130.1084
1487	1126	-9999	-9999	17.97895	23.59177	36	33.6	0.040315	3.047247	12.25	2355	19169.73	2.716973	89.65417
1488	1127	-9999	-9999	18.02607	23.56419	36	28.5	0.038212	3.043462	12.25	2032	17472.36	2.547236	83.95495
1489	1128	-9999	-9999	18.24855	23.57798	36	30.5	0.037547	3.043462	12.25	1256	10991.15	1.899115	62.63003
1490	1129	-9999	-9999	18.31343	23.55729	36	24.5	0.031776	3.043462	12.25	1289	13328.75	2.132875	70.27738
1491	1130	-9999	-9999	18.23795	23.57798	36	19.6	0.026991	3.043462	12.25	1322	16093.2	2.40932	79.45584
1492	1131	-9999	-9999	18.14479	23.57108	36	22.9	0.029544	3.043462	12.25	1228	13657.02	2.165702	71.4008
1493	1132	-9999	-9999	18.24484	23.57108	23	26.5	0.031711	3.043462	12.25	1199	12423.28	2.042328	70.289
1494	1133	-9999	-9999	18.39777	23.57798	23	18.9	0.029265	3.043462	12.25	1082	12147.99	2.014799	69.36184
1495	1134	-9999	-9999	18.26928	23.58487	23	34.3	0.038127	3.043462	12.25	1308	11272.29	1.927229	66.36651
1496	1135	-9999	-9999	17.96448	23.60556	23	21.6	0.032269	3.039676	12.25	2117	21582.67	2.958267	101.961
1497	1136	-9999	-9999	17.97649	23.58487	23	29.7	0.038963	3.043462	12.25	2275	19184.8	2.71848	93.61423
1498	1137	-9999	-9999	17.97086	23.58487	23	41.2	0.050056	3.039676	12.25	2431	15977.26	2.397726	82.56869
1499	1138	-9999	-9999	18.19463	23.58487	22	38.8	0.048382	3.039676	12.25	1974	13422.48	2.142248	74.02092
1500	1139	-9999	-9999	18.2774	23.60556	23	29.1	0.040122	3.039676	12.25	1515	12422.33	2.042233	70.38853
1501	1140	-9999	-9999	18.30726	23.60556	24	31.8	0.03995	3.043462	12.25	1419	11670.63	1.967063	67.56952
1502	1141	-9999	-9999	18.42555	23.56419	24	29.9	0.039779	3.043462	12.25	1494	12340.49	2.034049	69.74807
1503	1142	-9999	-9999	18.42012	23.57798	24	34	0.04319	3.043462	12.25	1571	11951.55	1.995155	68.4544
1504	1143	-9999	-9999	18.37926	23.57108	24	35.4	0.044756	3.043462	12.25	1684	12362.87	2.036287	69.84525
1505	1144	-9999	-9999	18.37376	23.57108	24	33	0.038556	3.043462	12.25	1726	14709.04	2.270904	77.89267
1506	1145	-9999	-9999	18.35051	22.96435	24	12.3	0.021777	3.051032	12.25	1769	26624.07	3.462407	115.7045
1507	1146	-9999	-9999	18.3627	23.63314	32	19.3	0.025039	3.039676	12.25	2091	27473.59	3.547359	118.7974
1508	1147	-9999	-9999	18.7477	23.5504	37	27.2	0.033406	3.039676	12.25	2221	21872.18	2.987218	98.08157
1509	1148	-9999	-9999	18.60025	23.52972	37	27.6	0.035874	3.043462	12.25	2352	21542.33	2.954233	96.91335
1510	1149	-9999	-9999	18.79035	23.52282	37	29.6	0.037912	3.043462	12.25	1913	16579.45	2.457945	80.60903
1511	1150	-9999	-9999	18.80279	23.51593	37	30.7	0.036453	3.043462	12.25	1745	15728.73	2.372873	77.79627
1512	1151	-9999	-9999	18.81523	23.4125	37	17.5	0.027635	3.043462	12.25	2372	28202.69	3.620269	118.171
1513	1152	-9999	-9999	18.82768	23.35735	37	28.1	0.034608	3.043462	12.25	1961	18618.08	2.661808	86.6807
1514	1153	-9999	-9999	18.87577	23.36424	37	31.4	0.036603	3.043462	12.25	3744	33608.45	4.160845	135.5362
1515	1154	-9999	-9999	18.81689	25.32925	31	16.9	0.026305	3.251659	12.25	1809	21149.62	2.914962	104.9691

1516	1155	-9999	-9999	19.00779	28.58357	30	23.6	0.028987	3.391718	12.25	1310	13324.65	2.132465	86.94302
1517	1156	-9999	-9999	18.84173	28.5491	37	23.8	0.030081	3.391718	12.25	812	7958.802	1.59588	63.52064
1518	1157	-9999	-9999	18.81841	28.50773	37	21.4	0.028622	3.395504	12.25	832	8560.966	1.656097	65.82191
1519	1158	-9999	-9999	19.06329	28.51462	37	24	0.029759	3.391718	12.25	823	8153.857	1.615386	64.21937
1520	1159	-9999	-9999	19.07584	28.49394	37	21.3	0.027978	3.391718	12.25	769	8103.795	1.61038	63.97392
1521	1160	-9999	-9999	19.10629	28.48015	37	21.2	0.027678	3.395504	12.25	841	8948.733	1.694873	67.29793
1522	1161	-9999	-9999	18.74257	28.46636	37	22.9	0.028793	3.395504	12.25	958	9798.696	1.77987	70.63864
1523	1162	-9999	-9999	18.79075	28.45257	37	21.4	0.029716	3.395504	12.25	1438	14251.63	2.225163	88.26844
1524	1163	-9999	-9999	18.92868	28.44568	37	30	0.03729	3.395504	12.25	1543	12186.29	2.018629	80.05619
1525	1164	-9999	-9999	18.95905	28.38362	37	32.4	0.042954	3.399289	12.25	1651	11307.18	1.930718	76.40274
1526	1165	-9999	-9999	19.11521	28.36983	37	40.6	0.048833	3.399289	12.25	1743	10500.17	1.850017	73.17367
1527	1166	-9999	-9999	19.00189	28.43878	37	32.8	0.043941	3.395504	12.25	1787	11977.05	1.997705	79.20718
1528	1167	-9999	-9999	19.05031	28.43878	37	33	0.043533	3.395504	12.25	1833	12400.4	2.04004	80.88572
1529	1168	-9999	-9999	18.93678	28.33536	37	38.1	0.047095	3.399289	12.25	1964	12268.13	2.026813	80.06904
1530	1169	-9999	-9999	18.78705	28.27331	37	34.1	0.044799	3.376577	12.25	2093	13836.35	2.183635	86.07537
1531	1170	-9999	-9999	18.63711	28.70078	37	34.3	0.045014	3.403075	12.25	2929	19120.62	2.712062	108.5214
1532	1171	-9999	-9999	18.64928	28.88005	37	38.5	0.048275	3.418216	12.25	3767	22828.27	3.082827	124.1279
1533	1172	-9999	-9999	18.73365	28.88005	37	36.7	0.047395	3.418216	12.25	3221	19881.77	2.788177	112.264
1534	1173	-9999	-9999	19.07094	28.91452	37	35.6	0.045722	3.414431	12.25	2674	17128.49	2.512849	101.2989
1535	1174	-9999	-9999	19.02916	28.92831	37	34	0.041624	3.414431	12.25	2044	14382.04	2.238204	90.27029
1536	1175	-9999	-9999	18.89689	28.92142	37	22.4	0.032441	3.414431	12.25	1951	17613.54	2.561354	103.2788
1537	1176	-9999	-9999	18.81872	28.88694	37	27.6	0.036045	3.414431	12.25	2041	16583.45	2.458345	99.00716
1538	1177	-9999	-9999	18.9215	28.85247	37	35.2	0.042525	3.414431	12.25	2129	14662.67	2.266267	91.16252
1539	1178	-9999	-9999	18.89756	28.89384	37	29.8	0.038577	3.414431	12.25	2318	17598.07	2.559807	103.118
1540	1179	-9999	-9999	18.98236	28.91452	37	25.4	0.032806	3.414431	12.25	2505	22363.59	3.036359	122.4028
1541	1180	-9999	-9999	18.94026	28.90073	37	21.5	0.029673	3.414431	12.25	2318	22878.76	3.087876	124.4202
1542	1181	-9999	-9999	18.98886	28.94899	37	26.9	0.034522	3.418216	12.25	2927	24804.28	3.280428	132.3995
1543	1182	-9999	-9999	19.03751	28.92831	37	31.8	0.037333	3.414431	12.25	2466	19345.72	2.734572	110.2896
1544	1183	-9999	-9999	19.04984	26.08767	38	19.9	0.02963	3.232732	12.25	1944	20295.16	2.829516	102.5821
1545	1184	-9999	-9999	19.00761	24.35709	38	26.7	0.032655	3.130526	12.25	1277	12491.61	2.049161	69.36264
1546	1185	-9999	-9999	19.16552	26.03251	38	25.5	0.033814	3.240302	12.25	1380	12594.96	2.059496	74.50771
1547	1186	-9999	-9999	19.26898	28.44568	38	28.9	0.038856	3.403075	12.25	1534	11600.99	1.960099	77.48513
1548	1187	-9999	-9999	19.04452	28.52841	38	40	0.046215	3.40686	12.25	1664	10568.49	1.856849	73.61703
1549	1188	-9999	-9999	18.98388	28.2871	38	26.5	0.037118	3.418216	12.25	1793	14131.69	2.213169	87.00158
1550	1189	-9999	-9999	19.17862	28.34915	38	27	0.0342	3.414431	12.25	1905	16313.53	2.431353	95.78823
1551	1190	-9999	-9999	18.99013	28.49394	38	24.9	0.032376	3.403075	12.25	1768	16046.53	2.404653	95.22019
1552	1191	-9999	-9999	19.14855	28.38362	38	24.3	0.03184	3.40686	12.25	1632	15044.97	2.304497	90.90091
1553	1192	-9999	-9999	19.21574	28.44568	38	26.3	0.034994	3.40686	12.25	2100	17614.51	2.561451	101.2573
1554	1193	-9999	-9999	19.22811	28.36294	38	33.6	0.041645	3.40686	12.25	2839	20009.91	2.800991	110.4046
1555	1194	-9999	-9999	19.20387	28.43189	38	33.4	0.042246	3.403075	12.25	3576	24873.67	3.287367	129.8907
1556	1195	-9999	-9999	19.23454	28.43189	38	29.7	0.038577	3.403075	12.25	3672	27970.55	3.597055	142.1271
1557	1196	-9999	-9999	19.13692	28.35605	38	27.6	0.035037	3.40686	12.25	4371	36618.44	4.461844	175.8264
1558	1197	-9999	-9999	19.2776	28.2871	38	23.2	0.032698	3.380362	12.25	4010	36279.03	4.427903	174.0647
1559	1198	-9999	-9999	19.05137	28.88694	38	32	0.038642	3.418216	12.25	4619	34969.89	4.296989	172.5003
1560	1199	-9999	-9999	19.15542	28.86626	38	28.9	0.03774	3.422002	12.25	4523	35021.93	4.302193	172.5856
1561	1200	-9999	-9999	19.13095	28.85247	38	28.3	0.034865	3.422002	12.25	3465	29042.18	3.704218	148.5264
1562	1201	-9999	-9999	19.05126	26.3152	38	20.4	0.029973	3.490139	12.25	2407	23008.93	3.100893	113.4012
1563	1202	-9999	-9999	19.15546	28.38362	38	29.8	0.03656	3.399289	12.25	1255	10098.24	1.809824	71.3885
1564	1203	-9999	-9999	19.07565	28.37673	38	30.8	0.039371	3.399289	12.25	1110	8293.89	1.629389	64.25565
1565	1204	-9999	-9999	19.17997	28.35605	38	30.5	0.039414	3.403075	12.25	1067	7955.057	1.595506	62.87358
1566	1205	-9999	-9999	19.28441	28.38362	38	30.9	0.040809	3.40686	12.25	1025	7372.564	1.537256	60.63709
1567	1206	-9999	-9999	19.25982	28.36294	38	36.1	0.046044	3.410645	12.25	930	5922.106	1.392211	54.87573
1568	1207	-9999	-9999	19.1429	28.37673	38	39.3	0.048811	3.414431	12.25	832	4992.098	1.29921	51.23489
1569	1208	-9999	-9999	19.13663	28.39052	38	34.2	0.044628	3.410645	12.25	944	6201.997	1.4202	56.03339
1570	1209	-9999	-9999	19.05641	28.45947	36	31.9	0.040487	3.410645	12.25	851	6162.836	1.416284	56.37696
1571	1210	-9999	-9999	18.95758	28.36294	37	26.9	0.035509	3.40686	12.25	755	6241	1.4241	56.31368
1572	1211	-9999	-9999	19.26576	28.29399	38	26	0.032784	3.255444	12.25	1182	11074.99	1.907499	75.00371
1573	1212	-9999	-9999	19.31505	13.76674	36	21.9	0.028193	3.263015	12.25	1609	17490.46	2.549046	49.08326
1574	1213	-9999	-9999	19.3088	27.43215	34	17.8	0.026433	3.270586	12.25	1934	22370.71	3.037071	117.2892
1575	1214	-9999	-9999	19.39524	28.50773	36	30.1	0.035187	3.399289	12.25	2258	18877.8	2.68778	107.172
1576	1215	-9999	-9999	19.37044	28.53531	25	25.8	0.030317	3.399289	12.25	2352	22822.67	3.082267	127.5593
1577	1216	-9999	-9999	19.21564	28.51462	38	8	0.015555	3.399289	12.25	1982	37483.23	4.548323	180.2367
1578	1217	-9999	-9999	19.35787	26.5772	39	14.7	0.02064	3.493924	12.25	1555	21562.61	2.956261	108.8385
1579	1218	-9999	-9999	19.29578	28.5422	39	29.4	0.036346	3.403075	12.25	2023	16355.75	2.435575	96.29853
1580	1219	-9999	-9999	19.3638	28.58357	39	37.1	0.042611	3.399289	12.25	2489	17183.71	2.518371	99.71647
1581	1220	-9999	-9999	19.52496	28.49394	39	20.8	0.032548	3.403075	12.25	3505	31643.93	3.964393	156.4804
1582	1221	-9999	-9999	19.59319	28.46636	39	31.4	0.038406	3.410645	12.25	2998	22887.67	3.088767	121.8001
1583	1222	-9999	-9999	19.34466	28.50084	39	32.6	0.04231	3.40686	12.25	2492	17288.06	2.528806	99.83982
1584	1223	-9999	-9999	19.31958	28.4181	39	35.4	0.042804	3.414431	12.25	2185	14950.29	2.295029	90.34703
1585	1224	-9999	-9999	19.33178	28.79731	39	25.3	0.03405	3.387933	12.25	1991	17259.13	2.525913	100.763
1586	1225	-9999	-9999	19.39999	28.85247	39	22.1	0.027892	3.384148	12.25	1795	19016.53	2.701653	107.98
1587	1226	-9999	-9999	19.50564	28.79731	39	16.3	0.021842	3.384148	12.25	2143	28992.43	3.699243	147.5691
1588	1227	-9999	-9999	19.51793	28.88005	39	14.5	0.021477	3.384148	12.25	1734	23857.52	3.185752	127.4502
1589	1228	-9999	-9999	19.41798	28.94899	39	25.8	0.031475	3.384148	12.25	3172	29779.22	3.777922	151.5015
1590	1229	-9999	-9999	19.35533	29.02484	39	29	0.03596	3.380362	12.25	2438	20056.54	2.805654	112.8066
1591	1230	-9999	-9999	19.40496	28.96968	39	25.8	0.03375	3.380362	12.25	1703	14927.33	2.292733	92.00847
1592	1231	-9999	-9999	19.37967	28.88694	39	25.1	0.034994	3.384148	12.25	2064	17428.74	2.542874	101.7553
1593	1232	-9999	-9999	19.22306	29.04552	39	36.9	0.044005	3.376577	12.25	2058	13850.41	2.185041	87.91629
1594	1233	-9999	-9999	19.19759	29.0731	39	32.4	0.04216	3.380362	12.25	2051	14391.28	2.239128	90.17805
1595	1234	-9999	-9999	19.43497	28.90073	39	30	0.040422	3.384148	12.25	2466	18026.95	2.602695	104.1988

1596	1235	-9999	-9999	19.44716	29.00415	39	36	0.044821	3.380362	12.25	3187	21034.87	2.903487	116.657
1597	1236	-9999	-9999	19.40294	28.99726	39	34.9	0.045615	3.384148	12.25	3259	21112.09	2.911209	116.9394
1598	1237	-9999	-9999	19.20814	28.5422	39	37	0.045743	3.395504	12.25	2531	16295.22	2.429522	96.0592
1599	1238	-9999	-9999	19.44606	28.01131	39	30.3	0.041538	3.410645	12.25	2341	16524.14	2.452414	95.16075
1600	1239	-9999	-9999	19.43938	28.21126	39	35.4	0.043619	3.40686	12.25	2150	14467.93	2.246793	87.80435
1601	1240	-9999	-9999	19.26305	27.48731	39	31.4	0.037547	3.429572	12.25	2305	17899.97	2.589997	98.61935
1602	1241	-9999	-9999	19.27508	27.10809	39	14	0.022721	3.622628	12.25	2461	29898.64	3.789864	142.3158
1603	1242	-9999	-9999	19.28711	28.27331	39	18.5	0.020984	3.7854	12.25	3124	39329.63	4.732963	185.3704
1604	1243	1582.85	1221.85	19.29827	28.24573	39	9.8	0.018623	3.789185	12.25	2326	32961.25	4.096125	160.2716
1605	1244	1583.85	1222.85	19.30943	22.14387	39	29.1	0.033278	2.926114	12.25	1977	20303.13	2.830313	86.81978
1606	1245	1584.85	1223.85	19.32059	22.21971	39	28.9	0.038513	2.922329	12.25	1974	17539.33	2.553933	78.61015
1607	1246	1585.85	1224.85	19.33174	22.27487	39	34.8	0.042611	2.922329	12.25	2026	16270.11	2.427011	74.88893
1608	1247	1586.85	1225.85	19.3429	22.29555	39	30.5	0.039543	2.918543	12.25	2503	21688.47	2.968847	91.6931
1609	1248	1587.85	1226.85	19.35405	13.553	26	27.5	0.028545	1.839704	11	2979	56726.35	10.67263	209.0798
1610	1249	1588.85	1227.85	19.36521	4.810449	12	24.5	0.024186	0.760865	11	139	7553.463	5.755346	41.98341
1611	1250	1589.85	1228.85	19.37636	4.741502	12	14.3	0.015432	0.760865	11	698	59446.88	10.94469	78.69368
1612	1251	1590.85	1229.85	19.38751	4.727712	12	7.5	0.008875	0.760865	11	748	110770.1	16.07701	115.2596
1613	1252	1591.85	1230.85	19.39866	4.734607	12	7	0.007353	0.760865	11	854	152653.7	20.26537	145.4987
1614	1253	1592.85	1231.85	19.4098	4.727712	12	7	0.008045	0.760865	11	803	131190.1	18.11901	129.8991
1615	1254	1593.85	1232.85	19.42095	4.789765	12	11.5	0.011038	0.760865	11	713	84899.93	13.48999	97.98205
1616	1255	1594.85	1233.85	19.4321	4.769081	12	10.8	0.011505	0.760865	11	646	73798.81	12.37988	89.53065
1617	1256	1595.85	1234.85	19.44324	4.734607	12	11.8	0.01211	0.760865	11	558	60558.43	11.05584	79.37731
1618	1257	1596.85	1235.85	19.45439	4.700133	12	12	0.012439	0.760865	11	596	62973.21	11.29732	80.52045
1619	1258	1597.85	1236.85	19.46553	4.748396	12	12.1	0.012301	0.760865	11	564	60262.61	11.02626	79.39549
1620	1259	1598.85	1237.85	19.47667	4.631186	12	10.7	0.010467	0.760865	11	576	72327.85	12.23279	85.90889
1621	1260	1599.85	1238.85	19.48781	4.534659	12	5.6	0.006488	0.760865	11	623	126210.4	17.62104	121.1705
1622	1261	1600.85	1239.85	19.49895	4.445027	12	4.4	0.004602	0.760865	11	611	174501	22.4501	151.3259
1623	1262	1602.154	1241.154	19.51009	4.472606	12	3.4	0.004429	0.764651	11	536	158273.4	20.82734	141.2587
1624	1263	1603.458	1242.458	19.52123	4.548448	12	7.6	0.007007	0.764651	11	547	102097.6	15.20976	104.9074
1625	1264	1604.762	1243.762	19.53236	4.465711	13	6.7	0.006574	0.764651	11	537	106825.2	15.68252	105.8295
1626	1265	1606.066	1245.066	19.5435	4.431238	12	3.6	0.004412	0.764651	11	547	162155	21.2155	142.5604
1627	1266	1607.369	1246.369	19.55463	4.369185	12	4.4	0.004204	0.764651	11	539	167674	21.7674	144.2207
1628	1267	1608.673	1247.673	19.56577	4.314027	13	3.1	0.003841	0.764651	11	368	125307.8	17.53078	114.2837
1629	1268	1609.977	1248.977	19.5769	4.300237	13	5.4	0.005104	0.764651	11	562	144011.6	19.40116	126.0725
1630	1269	1611.281	1250.281	19.58803	4.293342	13	4.8	0.005173	0.764651	11	433	109471.2	15.94712	103.4613
1631	1270	1612.585	1251.585	19.59916	4.334711	13	5.3	0.005899	0.764651	11	513	113722.4	16.37224	107.2429
1632	1271	1613.889	1252.889	19.61029	4.396764	13	8.1	0.008027	0.764651	11	481	78362.86	12.83629	85.28501
1633	1272	1615.193	1254.193	19.62141	4.37608	14	8.7	0.008339	0.764651	11	567	88924.04	13.8924	91.54777
1634	1273	1616.497	1255.497	19.63254	4.389869	13	5.3	0.00647	0.764651	11	632	127740.5	17.77405	117.9066
1635	1274	1617.801	1256.801	19.64367	4.410553	14	7.5	0.008927	0.764651	11	682	99912.04	14.9912	99.56684
1636	1275	1619.104	1258.104	19.65479	4.300237	13	16.3	0.013719	0.764651	11	674	64249.52	11.42495	74.24154
1637	1276	1620.408	1259.408	19.66591	4.003763	13	6.6	0.008633	0.768436	11	668	100696.5	15.06965	91.17415
1638	1277	1621.712	1260.712	19.67704	1.397544	13	7.2	0.007145	0.219553	11	662	422002	47.2002	99.68037
1639	1278	1623.016	1262.016	19.68816	4.438132	13	5.9	0.006315	0.760865	11	664	138201.8	18.82018	126.2189
1640	1279	1624.32	1263.32	19.69928	4.36229	13	5.7	0.005951	0.760865	11	686	151497	20.1497	132.8261
1641	1280	1625.195	1264.195	19.7104	4.334711	13	5.7	0.006799	0.760865	11	654	126422.3	17.64223	115.5617
1642	1281	1626.07	1265.07	19.72151	4.307132	13	10.8	0.009636	0.760865	11	623	84971.12	13.49711	87.84746
1643	1282	1626.945	1265.945	19.73263	4.245079	13	6.8	0.009186	0.764651	11	614	87409.17	13.74092	88.14582
1644	1283	1627.82	1266.82	19.74375	4.286448	13	15.1	0.013771	0.764651	11	599	56884.89	10.68849	69.23314
1645	1284	1628.694	1267.694	19.75486	4.196816	13	12.4	0.011487	0.741938	11	450	52798.66	10.27987	65.19399
1646	1285	1629.569	1268.569	19.76597	3.969289	13	1.7	0.007145	0.582952	11	475	114040	16.404	98.39268
1647	1286	1630.444	1269.444	19.77709	7.671773	11	22.1	0.018165	0.75708	11	398	28939.99	7.893999	92.15929
1648	1287	1631.319	1270.319	19.7882	7.526984	11	14.9	0.018805	0.760865	11	395	27606.16	7.760616	88.89216
1649	1288	1632.194	1271.194	19.79931	7.458036	11	27	0.024376	0.760865	11	745	40168.33	9.016833	102.3351
1650	1289	1633.069	1272.069	19.81042	7.389088	11	18	0.02083	0.760865	11	465	29340.33	7.934033	89.21362
1651	1290	1633.944	1272.944	19.82152	7.354615	11	21.4	0.02102	0.760865	11	329	20571.13	7.057113	78.98294
1652	1291	1634.819	1273.819	19.83263	7.244299	11	17.9	0.018079	0.760865	11	364	26462.05	7.646205	84.29244
1653	1292	1635.694	1274.694	19.84374	7.230509	12	11.5	0.013096	0.760865	11	358	35927.39	8.592739	94.21522
1654	1293	1636.568	1275.568	19.85484	7.230509	12	11.8	0.012041	0.760865	11	416	45406.97	9.540697	104.6091
1655	1294	1637.443	1276.443	19.86595	7.354615	12	10.9	0.011557	0.760865	11	384	43671.01	9.367101	104.4686
1656	1295	1638.318	1277.318	19.87705	7.258088	12	11.4	0.011712	0.760865	11	242	27155.96	7.715596	84.92045
1657	1296	1639.193	1278.193	19.88815	7.209825	12	11.2	0.012577	0.760865	11	340	35529	8.5529	93.51014
1658	1297	1640.068	1279.068	19.89925	7.285667	12	16.5	0.015639	0.760865	11	185	15546.83	6.554683	72.41718
1659	1298	1640.943	1279.943	19.91035	7.375299	12	13.2	0.014255	0.760865	11	138	12723.02	6.272302	70.14992
1660	1299	1641.818	1280.818	19.92145	7.430457	11	13.1	0.012906	0.760865	11	160	16293.7	6.62937	74.96077
1661	1300	1642.693	1281.693	19.93254	7.20293	11	9	0.010743	0.760865	11	510	62390.3	11.23903	123.1925
1662	1301	1643.568	1282.568	19.94364	7.113298	12	13	0.013269	0.764651	11	512	50461.22	10.04612	108.3653
1663	1302	1644.442	1283.442	19.95473	7.065035	12	15.7	0.015432	0.764651	11	486	41186.47	9.118647	97.69342
1664	1303	1645.317	1284.317	19.96583	7.099509	12	13.4	0.014048	0.764651	11	462	43009.97	9.300997	100.1333
1665	1304	1646.192	1285.192	19.97692	6.851297	12	11.9	0.012889	0.764651	11	433	43935.42	9.393542	97.59393
1666	1305	1647.067	1286.067	19.98801	7.278772	12	13.5	0.014325	0.764651	11	425	38800.9	8.88009	98.0158
1667	1306	1647.942	1286.942	19.9991	6.940929	12	16.9	0.015864	0.764651	11	441	36354.02	8.635402	90.89097
1668	1307	1648.955	1287.955	20.01019	6.982298	12	10.6	0.011868	0.764651	11	451	49697.62	9.969762	105.5611
1669	1308	1649.968	1288.968	20.02128	6.996087	12	9.3	0.009948	0.764651	11	422	55478.89	10.54789	111.9029
1670	1309	1650.981	1289.981	20.03237	6.76856	12	9.7	0.009982	0.768436	11	435	56708.99	10.6709	109.5262
1671	1310	1651.994	1290.994	20.04345	6.678928	11	9.6	0.010519	0.768436	11	525	64952.25	11.49523	116.8344
1672	1311	1653.007	1292.007	20.05454	6.76856	11	12.7	0.012335	0.768436	11	1254	132295.9	18.22959	187.7671
1673	1312	1654.02	1293.02	20.06562	6.706507	12	10.9	0.011193	0.768436	11	1452	168811	19.68656	200.2105
1674	1313	1655.033	1294.033	20.07671	6.341085	11	8.4	0.008944	0.768436	11	2421	352243.3	35.64517	343.9621
1675	1314	1656.046	1295.046	20.08779	6.547928	11	7.2	0.007629	0.764651	11	2585	443103.4	43.55	433.9487

1676	1315	1657.059	1296.059	20.09887	1.163123	12	6.9	0.007232	0.227124	11	2748	1673107	150.5603	265.5563
1677	1316	1658.072	1297.072	20.10995	5.865347	11	7	0.008079	0.741938	11	3265	544684.2	52.38752	467.5929
1678	1317	1659.085	1298.085	20.12103	5.692978	11	11.8	0.01102	0.741938	11	4234	517833.2	50.05149	433.6135
1679	1318	1660.098	1299.098	20.13211	5.444767	12	9.5	0.010899	0.741938	11	4751	587520.4	56.11427	463.3117
1680	1319	1661.111	1300.111	20.14318	5.320661	12	13.2	0.011903	0.745724	11	4957	558468.6	53.58677	432.3583
1681	1320	1662.124	1301.124	20.15426	5.299977	12	6.5	0.007578	0.745724	11	4685	829094	77.13118	619.9042
1682	1321	1663.137	1302.137	20.16533	4.003763	16	4.6	0.007249	0.533741	11	3210	829672	77.18146	462.1172
1683	1322	1664.15	1303.15	20.1764	5.892926	34	17	0.015449	0.776007	11	3666	305788.9	31.60363	262.1872
1684	1323	1665.163	1304.163	20.18748	5.844663	34	16.7	0.016643	0.776007	11	3863	299109.6	31.02253	255.2585
1685	1324	1666.138	1305.138	20.19855	5.865347	34	12.4	0.013148	0.776007	11	3925	384686.3	38.46771	317.6388
1686	1325	1667.113	1306.113	20.20962	5.899821	34	9.7	0.009827	0.776007	11	4125	540948.9	52.06256	432.422
1687	1326	1668.089	1307.089	20.22069	5.76882	34	5.6	0.006834	0.776007	11	3688	695463.7	65.50534	531.9946
1688	1327	1669.064	1308.064	20.23175	5.727452	34	7.4	0.007353	0.779792	11	4183	729568.8	68.47248	552.1041
1689	1328	1670.039	1309.039	20.24282	5.672294	34	7.3	0.007612	0.779792	11	4432	746645.4	69.95815	558.6509
1690	1329	1671.015	1310.015	20.25389	5.699873	34	7.4	0.007405	0.779792	11	4750	822653.9	76.57089	614.4298
1691	1330	1671.99	1310.99	20.26495	5.568873	34	5.9	0.007024	0.779792	11	5364	979332.2	90.2019	707.1742
1692	1331	1672.965	1311.965	20.27601	5.679189	34	9.6	0.009757	0.779792	11	5621	738757.3	69.27189	553.8431
1693	1332	1673.941	1312.941	20.28708	5.741241	34	12.1	0.011833	0.779792	11	5717	619554.3	58.90123	476.0731
1694	1333	1674.916	1313.916	20.29814	5.823979	34	10.4	0.011591	0.779792	11	4210	465773.3	45.52228	373.2392
1695	1334	1675.941	1314.941	20.3092	5.541293	34	13.3	0.012145	0.783578	11	5145	540645.3	52.03614	405.938
1696	1335	1676.966	1315.966	20.32026	5.706768	33	6.6	0.008391	0.779792	11	4775	729791.7	68.49188	552.0634
1697	1336	1677.991	1316.991	20.33131	5.603346	33	8.8	0.009169	0.783578	11	4270	594314.3	56.70534	448.7776
1698	1337	1679.016	1318.016	20.34237	5.665399	33	11.2	0.010294	0.779792	11	4349	541800.9	52.13668	417.1897
1699	1338	1680.041	1319.041	20.35343	5.479241	33	5.9	0.007681	0.783578	11	4138	687498.4	64.81236	501.5774
1700	1339	1681.066	1320.066	20.36448	5.286187	33	9.6	0.009965	0.783578	11	3053	390992.6	39.01635	291.3057
1701	1340	1682.091	1321.091	20.37553	5.403398	33	13.3	0.012041	0.783578	11	3603	381873.2	38.22297	291.7099
1702	1341	1683.116	1322.116	20.38659	5.686083	26	6.8	0.008719	0.779792	11	4056	596533.3	56.8984	467.6471
1703	1342	1684.141	1323.141	20.39764	5.286187	33	9.9	0.009481	0.787363	11	4808	644102.7	61.03693	455.7167
1704	1343	1685.166	1324.166	20.40869	5.327556	33	8.4	0.008858	0.783578	11	4255	613047	58.33509	438.9526
1705	1344	1686.191	1325.191	20.41974	5.196556	33	7.7	0.009878	0.783578	11	2646	341836.1	34.73974	254.9775
1706	1345	1687.216	1326.216	20.43079	5.113819	33	17.9	0.015172	0.783578	11	1315	110609	14.62298	105.6187
1707	1346	1688.241	1327.241	20.44183	5.148292	33	8.4	0.011989	0.783578	11	1243	132312.9	16.51122	120.061
1708	1347	1689.266	1328.266	20.45288	5.065555	33	17.8	0.016366	0.783578	11	1015	79147.84	11.88586	85.03887
1709	1348	1690.291	1329.291	20.46392	5.079345	33	15	0.015761	0.783578	11	912	73848.32	11.4248	81.96268
1710	1349	1691.316	1330.316	20.47497	5.258608	33	13.3	0.012802	0.783578	11	612	61007.59	10.30766	76.55801
1711	1350	1692.341	1331.341	20.48601	5.403398	33	5.8	0.007526	0.779792	11	486	82816.01	12.20499	93.146
1712	1351	1693.366	1332.366	20.49705	4.982818	33	7	0.007474	0.783578	11	1462	249647.8	26.71936	188.0446
1713	1352	1694.391	1333.391	20.50809	1.307913	33	9.4	0.01166	0.174128	11	2015	992411.6	91.33981	168.7324
1714	1353	1695.416	1334.416	20.51913	4.824239	33	22.8	0.019013	0.753295	11	2214	154582.9	18.44871	125.7056
1715	1354	1696.441	1335.441	20.53017	4.865607	33	9.3	0.012404	0.753295	11	2165	231696.9	25.15763	172.8886
1716	1355	1697.466	1336.466	20.54121	4.865607	33	11.7	0.010795	0.749509	11	2635	325660.7	33.33248	229.068
1717	1356	1698.491	1337.491	20.55224	4.955239	33	6.3	0.007958	0.749509	11	5478	918403.5	84.9011	594.2069
1718	1357	1699.516	1338.516	20.56328	4.838028	33	9.1	0.008962	0.753295	11	4536	671931.1	63.458	433.6252
1719	1358	1700.541	1339.541	20.57431	4.831133	33	9.1	0.009342	0.749509	11	4123	588828.6	56.22809	383.6737
1720	1359	1701.566	1340.566	20.58535	4.700133	33	8.5	0.008719	0.749509	11	6460	988487.8	90.99844	604.093
1721	1360	1702.591	1341.591	20.59638	4.679449	33	7.3	0.012785	0.749509	11	6082	634704.1	60.21926	398.0062
1722	1361	1703.616	1342.616	20.60741	4.417448	33	36.2	0.037732	0.753295	11	2952	103858.5	14.03569	87.57194
1723	1362	1704.641	1343.641	20.61844	4.37608	31	66	0.056053	0.768436	11	2517	58435.49	10.08389	62.73636
1724	1363	1705.666	1344.666	20.62947	4.472606	31	23.8	0.029912	0.764651	11	2657	116166.2	15.10646	96.05709
1725	1364	1706.691	1345.691	20.64049	4.3485	31	11.7	0.013304	0.768436	11	3002	293645.2	30.54713	188.8496
1726	1365	1707.716	1346.716	20.65152	4.417448	31	6.3	0.008304	0.768436	11	3441	539239.8	51.91386	326.0325
1727	1366	1708.74	1347.74	20.66255	4.479501	31	11.1	0.009792	0.768436	11	3690	490397.7	47.6646	303.551
1728	1367	1709.765	1348.765	20.67357	4.3485	31	5.9	0.006816	0.768436	11	4184	798792.4	74.49494	460.5454
1729	1368	1710.79	1349.79	20.68459	4.314027	31	4.7	0.005	0.768436	11	3955	1029407	94.55841	579.9481
1730	1369	1711.815	1350.815	20.69561	4.279553	25	4.2	0.004412	0.776007	11	4361	1273874	115.8271	718.8985
1731	1370	1712.84	1351.84	20.70664	4.341606	31	4	0.004066	0.787363	11	4953	1547290	139.6142	861.7596
1732	1371	1713.865	1352.865	20.71766	4.334711	31	3.3	0.00365	0.783578	11	5182	1811670	162.6153	1002.138
1733	1372	1714.89	1353.89	20.72867	6.154927	30	3.9	0.005623	0.916067	11	1947	378008.7	37.88675	332.6187
1734	1373	1715.915	1354.915	20.73969	8.237144	29	13.6	0.011505	0.912281	11	920	87656.41	12.62611	148.8393
1735	1374	1716.94	1355.94	20.75071	8.085459	29	8.2	0.00929	0.912281	11	1125	132738.1	16.54822	191.4817
1736	1375	1717.965	1356.965	20.76172	7.520089	29	7.3	0.008131	0.919852	11	1062	141989.1	17.35305	186.7541
1737	1376	1718.99	1357.99	20.77274	7.009877	29	9.6	0.008789	0.927423	11	1124	137902.2	16.99749	170.5165
1738	1377	1720.015	1359.015	20.78375	6.49277	29	5.1	0.008166	0.934994	11	1052	137788	16.98755	157.8455
1739	1378	1721.04	1360.04	20.79476	6.113558	29	17.2	0.0141	0.938779	11	796	60136.52	10.23188	89.52014
1740	1379	1722.065	1361.065	20.80577	5.899821	29	7.6	0.009429	0.942565	11	847	95306.4	13.29166	112.2249
1741	1380	1723.09	1362.09	20.81678	5.706768	29	6.9	0.007578	0.94635	11	713	99428.28	13.65026	111.4814
1742	1381	1724.115	1363.115	20.82779	5.575767	29	8.6	0.00782	0.94635	11	728	98375.62	13.55868	108.1916
1743	1382	1725.14	1364.14	20.8388	5.465451	29	3.9	0.005328	0.950135	11	1095	216283.9	23.8167	186.2855
1744	1383	1726.165	1365.165	20.84981	5.410293	29	6.6	0.006072	0.953921	11	1507	260159.8	27.6339	213.9609
1745	1384	1727.19	1366.19	20.86081	5.761926	29	4.8	0.005657	1.003131	11	1412	248814.4	26.64686	219.7278
1746	1385	1728.246	1367.246	20.87182	5.644715	29	6.9	0.006401	0.980419	11	976	155518.8	18.53013	149.6897
1747	1386	1729.301	1368.301	20.88282	6.079085	29	4.6	0.005778	1.052341	11	773	127122.6	16.05967	139.716
1748	1387	1730.357	1369.357	20.89382	5.237924	29	8.1	0.007439	0.934994	11	1065	153115.3	18.32104	137.3348
1749	1388	1731.412	1370.412	20.90483	5.162082	29	6	0.006782	0.931208	11	1163	184159	21.02184	155.2984
1750	1389	1732.468	1371.468	20.91583	5.272398	29	7.1	0.007128	0.950135	11	1135	167594.4	19.58071	147.7434
1751	1390	1733.523	1372.523	20.92682	5.396504	29	6.8	0.007145	0.957706	11	1567	228998.7	24.92288	192.4785
1752	1391	1734.579	1373.579	20.93782	5.444767	29	7	0.006782	0.957706	11	1412	217401.5	23.91393	186.3381
1753	1392	1735.634	1374.634	20.94882	5.720557	29	4.4	0.005415	0.999346	11	1399	258525.9	27.49175	225.0671
1754	1393	1736.69	1375.69	20.95982	6.134243	29	6.7	0.006643	1.059912	11	1256	178375.4	20.51866	180.128
1755	1394	1737.745	1376.745	20.97081	5.375819	29	7.2	0.007162	0.950135	11	1184	173985.1	20.13671	154.9189

1756	1395	1738.801	1377.801	20.9818	5.451662	29	5.9	0.006332	0.953921	11	1205	199498.6	22.35638	174.4222
1757	1396	1739.856	1378.856	20.9928	5.568873	29	5.8	0.005969	0.972848	11	1217	209591.1	23.23443	185.17
1758	1397	1740.911	1379.911	21.00379	6.20319	29	5.4	0.005796	1.056127	11	1249	204055.3	22.75281	201.9861
1759	1398	1741.967	1380.967	21.01478	5.424083	29	6.1	0.006626	0.931208	11	1201	194645.2	21.93413	170.2621
1760	1399	1743.022	1382.022	21.02577	5.424083	29	8.5	0.008252	0.931208	11	1215	158109.3	18.75551	145.5883
1761	1400	1744.078	1383.078	21.03676	5.410293	29	7.6	0.007768	0.931208	11	1213	167692.6	19.58926	151.6736
1762	1401	1745.133	1384.133	21.04774	5.699873	29	6	0.007076	0.972848	11	1265	183767.5	20.98777	171.1996
1763	1402	1746.189	1385.189	21.05873	6.044611	29	9.3	0.008425	1.022058	11	1940	225290.8	24.6003	212.8042
1764	1403	1747.244	1386.244	21.06971	6.444507	29	5.5	0.006522	1.08641	11	2893	408281.5	40.52049	373.7109
1765	1404	1748.3	1387.3	21.0807	5.789505	29	6.4	0.006297	0.999346	11	3518	559017	53.63448	444.3824
1766	1405	1749.355	1388.355	21.09168	5.251714	29	5.3	0.005796	0.931208	11	3033	561988	53.89295	405.046
1767	1406	1750.411	1389.411	21.10266	5.224135	30	5.9	0.007145	0.931208	11	3754	564213.7	54.08659	403.0328
1768	1407	1751.466	1390.466	21.11364	5.596452	29	12.4	0.011332	1.006916	11	1690	148114.7	17.88598	143.2508
1769	1408	1752.522	1391.522	21.12462	5.472346	29	10	0.010484	0.991775	11	774	74439.18	11.47621	89.87592
1770	1409	1753.577	1392.577	21.1356	5.430977	29	8.2	0.009221	0.991775	11	859	93928.89	13.17181	102.3752
1771	1410	1754.633	1393.633	21.14658	5.486135	29	10.5	0.009775	0.991775	11	1036	106867.2	14.29745	112.2526
1772	1411	1755.688	1394.688	21.15756	5.520609	29	6.3	0.007751	0.991775	11	1054	137118.4	16.9293	133.7511
1773	1412	1756.682	1395.682	21.16853	5.520609	29	9.1	0.009584	0.991775	11	1222	128556.7	16.18443	127.8662
1774	1413	1757.675	1396.675	21.1795	5.499925	29	12.7	0.01237	0.987989	11	789	64560.22	10.61674	83.56401
1775	1414	1758.669	1397.669	21.19048	5.320661	29	11.6	0.012785	0.961492	11	997	81105.73	12.0562	91.80099
1776	1415	1759.663	1398.663	21.20145	5.299977	29	14.8	0.01557	0.965277	11	1441	95877.3	13.34133	101.1916
1777	1416	1760.656	1399.656	21.21242	5.410293	29	19.2	0.018771	0.980419	11	1546	84006.81	12.30859	95.30168
1778	1417	1761.65	1400.65	21.22339	5.320661	29	16.9	0.016695	0.987989	11	1370	83059.11	12.22614	93.09502
1779	1418	1762.644	1401.644	21.23436	5.451662	29	9.7	0.011505	0.987989	11	1218	107156.8	14.32264	111.7438
1780	1419	1763.637	1402.637	21.24533	5.520609	29	10.8	0.011124	0.984204	11	1027	93803.85	13.16093	103.9789
1781	1420	1764.631	1403.631	21.25629	5.699873	29	11.4	0.010224	0.980419	11	840	83796.63	12.29031	100.2534
1782	1421	1765.625	1404.625	21.26726	6.444507	29	2.7	0.005501	1.078839	11	1061	178763.1	20.55239	189.5498
1783	1422	1766.618	1405.618	21.27822	5.465451	29	9.6	0.008944	1.014487	11	1405	154840.8	18.47115	144.4746
1784	1423	1767.612	1406.612	21.28919	5.079345	29	10.6	0.010276	0.957706	11	1469	149262	17.9858	130.7401
1785	1424	1768.606	1407.606	21.30015	5.106924	29	7.4	0.00891	0.953921	11	1624	191078.9	21.62387	158.0389
1786	1425	1769.599	1408.599	21.31111	5.134503	29	11.3	0.011228	0.953921	11	1558	145464.4	17.6554	129.7321
1787	1426	1770.593	1409.593	21.32207	4.810449	29	12.3	0.011159	0.859286	11	875	91255.07	12.93919	89.0767
1788	1427	1771.587	1410.587	21.33303	5.920505	29	4	0.006574	1.067483	11	613	87349.88	12.59944	106.7533
1789	1428	1772.58	1411.58	21.34399	5.899821	29	9.7	0.008564	1.071268	11	644	70198.65	11.10728	93.78168
1790	1429	1773.574	1412.574	21.35494	5.858452	29	6.7	0.007543	1.071268	11	667	82544.37	12.18136	102.1292
1791	1430	1774.568	1413.568	21.3659	5.892926	29	7.1	0.006903	1.071268	11	781	105615.2	14.18852	119.6574
1792	1431	1775.561	1414.561	21.37685	5.858452	29	4.8	0.006263	1.071268	11	1281	190936.4	21.61146	181.1918
1793	1432	1776.555	1415.555	21.38781	5.575767	29	9.9	0.008598	1.033414	11	1161	130661.5	16.36755	130.605
1794	1433	1777.549	1416.549	21.39876	5.327556	29	5.3	0.00654	0.999346	11	941	143988.7	17.52702	133.6311
1795	1434	1778.542	1417.542	21.40971	5.327556	29	6.7	0.006505	0.999346	11	851	130909.8	16.38916	124.9557
1796	1435	1779.536	1418.536	21.42066	5.403398	29	5.5	0.006799	0.99556	11	1026	151577.1	18.18721	140.6385
1797	1436	1780.53	1419.53	21.43161	5.403398	29	10.6	0.011799	0.99556	11	1138	96880.57	13.42861	103.8411
1798	1437	1781.523	1420.523	21.44256	5.355135	29	20.3	0.018131	0.999346	11	1253	69154.49	11.01644	84.42734
1799	1438	1782.517	1421.517	21.4535	5.327556	29	13	0.013823	0.999346	11	1090	78906.05	11.86483	90.46088
1800	1439	1783.511	1422.511	21.46445	5.424083	29	7.6	0.00846	0.99556	11	1159	137611.1	16.97216	131.7452
1801	1440	1784.504	1423.504	21.47539	5.513714	29	5.5	0.006332	0.99556	11	901	142929.7	17.43488	137.5735
1802	1441	1785.498	1424.498	21.48634	5.568873	29	7	0.006764	0.99556	11	854	126811.9	16.03263	127.7743
1803	1442	1786.492	1425.492	21.49728	5.603346	29	5.6	0.005501	0.991775	11	812	148820.3	17.94737	143.9195
1804	1443	1787.485	1426.485	21.50822	5.520609	29	2.4	0.003581	1.029629	11	783	212352.3	23.47465	185.4631
1805	1444	1788.479	1427.479	21.51916	5.155187	29	5.5	0.004671	1.006916	11	610	129693.7	16.28335	120.1323
1806	1445	1789.472	1428.472	21.5301	5.148292	29	2.6	0.003097	1.003131	11	975	313863.1	32.30609	238.023
1807	1446	1790.466	1429.466	21.54104	5.272398	29	2	0.003322	0.99556	11	1361	411562.4	40.80593	307.8951
1808	1447	1791.46	1430.46	21.55198	5.272398	28	8.6	0.007076	1.029629	11	1326	182006.1	20.83453	157.7259
1809	1448	1792.453	1431.453	21.56291	5.472346	28	4.5	0.005398	1.059912	11	1522	266033.6	28.14493	221.1489
1810	1449	1793.447	1432.447	21.57385	5.989453	28	4.6	0.004706	1.124264	11	1785	337401.8	34.35396	295.4439
1811	1450	1794.441	1433.441	21.58478	5.934295	28	4.3	0.005796	1.120478	11	3278	504785.6	48.91635	416.8063
1812	1451	1795.434	1434.434	21.59571	5.755031	28	11.7	0.00993	1.101551	11	3624	331297.3	33.82286	279.4918
1813	1452	1796.428	1435.428	21.60665	5.803294	28	6.3	0.008304	1.101551	11	3350	366222.6	36.86136	307.1546
1814	1453	1797.422	1436.422	21.61758	5.9274	28	11.1	0.010173	1.097766	11	2611	233811.6	25.34161	215.6798
1815	1454	1798.415	1437.415	21.62851	5.741241	28	8.1	0.009411	1.101551	11	2112	203721.4	22.72376	187.3256
1816	1455	1799.409	1438.409	21.63943	5.741241	28	10.9	0.009913	1.101551	11	1852	169600.8	19.75527	162.8545
1817	1456	1800.403	1439.403	21.65036	5.755031	28	5.6	0.006418	1.101551	11	1692	239313.9	25.82031	213.3636
1818	1457	1801.396	1440.396	21.66129	5.748136	28	3.8	0.004152	1.101551	11	1299	284013.8	29.7092	245.2049
1819	1458	1802.39	1441.39	21.67221	5.706768	28	3.2	0.003737	1.101551	11	3494	848810.4	78.8465	646.0762
1820	1459	1803.384	1442.384	21.68314	5.865347	28	5	0.005138	1.093981	11	4068	723704.3	67.96228	572.3646
1821	1460	1804.377	1443.377	21.69406	5.748136	28	6.5	0.009532	1.097766	11	2595	247983.2	26.57454	219.333
1822	1461	1805.371	1444.371	21.70498	5.658504	28	24.1	0.018581	1.097766	11	2154	105603.4	14.1875	115.2706
1823	1462	1806.384	1445.384	21.7159	5.665399	28	4.5	0.008131	1.097766	11	1768	198071	22.23218	180.8521
1824	1463	1807.398	1446.398	21.72682	5.692978	28	4.9	0.004775	1.097766	11	1542	294179.1	30.59358	250.0811
1825	1464	1808.411	1447.411	21.73774	5.755031	28	3.5	0.003927	1.097766	11	1395	323582.4	33.15167	273.9455
1826	1465	1809.425	1448.425	21.74866	5.748136	29	3.8	0.003927	1.097766	11	1244	288556.6	30.10443	247.6446
1827	1466	1810.438	1449.438	21.75958	5.734347	29	4	0.004256	1.097766	11	1347	288316.2	30.08351	246.8788
1828	1467	1811.452	1450.452	21.77049	5.734347	29	4.8	0.008027	1.097766	11	1327	150587.7	18.10113	148.546
1829	1468	1812.465	1451.465	21.7814	5.079345	29	23.2	0.018338	1.029629	11	1246	65989.95	10.74113	78.07803
1830	1469	1813.479	1452.479	21.79232	5.313767	29	8.4	0.01128	1.056127	11	1278	107278.7	14.33325	108.998
1831	1470	1814.492	1453.492	21.80323	5.465451	29	8.4	0.008062	1.056127	11	1333	156557.7	18.62052	145.6429
1832	1471	1815.506	1454.506	21.81414	5.727452	29	4.6	0.005623	1.08641	11	1505	246380.2	26.43508	216.6773
1833	1472	1816.519	1455.519	21.82505	5.789505	29	5.7	0.005917	1.105337	11	1808	276454.7	29.05156	240.7034
1834	1473	1817.533	1456.533	21.83596	5.63782	29	6.8	0.006436	1.08641	11	1828	261448.3	27.74601	223.8634
1835	1474	1818.546	1457.546	21.84687	4.769081	29	4.3	0.004706	0.965277	11	1572	346081.2	35.10906	239.6212

1836	1475	1819.559	1458.559	21.85777	3.962394	29	3.2	0.003495	0.844144	11	1678	568814	54.48681	308.9729
1837	1476	1820.573	1459.573	21.86868	4.713923	29	3.1	0.003287	0.957706	11	1215	385955	38.57809	260.2522
1838	1477	1821.586	1460.586	21.87958	4.741502	29	3.4	0.003581	0.957706	11	1253	365337.9	36.7844	249.6036
1839	1478	1822.6	1461.6	21.89049	4.775975	29	4	0.003962	0.957706	11	1541	406145	40.33462	275.6839
1840	1479	1823.613	1462.613	21.90139	4.720817	29	3.5	0.00365	0.957706	11	1462	418195.1	41.38297	279.5827
1841	1480	1824.627	1463.627	21.91229	4.679449	29	3.1	0.004398	0.957706	12.25	1235	293184	30.50701	204.2988
1842	1481	1825.64	1464.64	21.94588	25.32925	41	4.6	0.006286	2.941256	12.25	1467	79339.45	11.90253	414.9718
1843	1482	1826.461	1465.461	22.00119	24.77767	41	7.8	0.01032	2.914758	12.25	1386	46076.04	9.008615	307.2383
1844	1483	1827.281	1466.281	22.07825	24.77077	42	12.3	0.017379	2.918543	12.25	2824	55676.64	3.027066	102.8817
1845	1484	1828.102	1467.102	21.87302	25.01209	42	24	0.027442	2.933685	12.25	3541	43984.68	2.559387	87.83398
1846	1485	1828.923	1467.923	22.01527	24.31572	42	19.6	0.028214	2.88826	12.25	4516	55418.07	3.016723	100.6466
1847	1486	1829.743	1468.743	22.30987	24.75698	42	29.1	0.03596	2.914758	12.25	5314	50699.6	2.827984	96.06193
1848	1487	1830.564	1469.564	22.23493	24.43982	42	31.6	0.041559	2.895831	12.25	5123	42567.78	2.502711	83.92386
1849	1488	1831.384	1470.384	22.20342	24.58461	42	38.2	0.048168	2.903402	12.25	5211	37261.22	2.290449	77.26105
1850	1489	1832.205	1471.205	22.23721	24.36398	42	40.1	0.047739	2.88826	12.25	5330	38656.31	2.346252	78.43314
1851	1490	1833.026	1472.026	22.35819	23.95719	42	23.9	0.035809	2.857977	12.25	3952	38615.47	2.344619	77.0699
1852	1491	1833.846	1472.846	22.5665	24.95693	42	31.2	0.03862	2.926114	12.25	2003	17724.61	1.508984	51.67168
1853	1492	1834.667	1473.667	22.55687	24.61219	42	31.3	0.041581	2.903402	12.25	2463	20401.54	1.616062	54.57389
1854	1493	1835.487	1474.487	22.48173	24.2123	42	37.4	0.047696	2.876904	12.25	2754	20070.52	1.602821	53.2473
1855	1494	1836.308	1475.308	22.49386	24.80525	42	41.4	0.051772	2.910973	12.25	2144	14226.2	1.369048	46.59495
1856	1495	1837.891	1476.891	22.61524	24.71561	42	38.3	0.048726	2.910973	12.25	2232	15736.15	1.429446	48.47477
1857	1496	1839.473	1478.473	22.69301	24.7363	42	32.5	0.040766	2.907187	12.25	1965	16580.42	1.463217	49.66152
1858	1497	1841.056	1480.056	22.7271	24.9983	43	21.7	0.030789	2.926114	12.25	2331	25873.7	1.834948	62.73863
1859	1498	1842.638	1481.638	22.82688	24.7363	43	24.2	0.027034	2.907187	12.25	2232	28399.46	1.935979	65.4992
1860	1499	1844.221	1483.221	22.77347	24.32261	43	7.5	0.015019	2.873119	12.25	1890	43799.56	2.551982	84.89628
1861	1500	1845.804	1484.804	22.80762	24.11577	43	15.8	0.019267	2.854192	12.25	1955	35550.59	2.222024	73.29099
1862	1501	1847.386	1486.386	22.62258	24.11577	43	19.1	0.024974	2.854192	12.25	3112	43657.91	2.546317	83.98743
1863	1502	1848.969	1487.969	22.6786	24.10198	43	24.2	0.029845	2.854192	12.25	3651	42860.88	2.514435	82.88844
1864	1503	1850.552	1489.552	22.77855	24.11577	43	23.2	0.028214	2.854192	12.25	3954	49100.65	2.764026	91.16834
1865	1504	1852.134	1491.134	23.07621	24.08819	43	14.5	0.024824	2.854192	12.25	4162	58741.51	3.14966	103.7692
1866	1505	1853.717	1492.717	23.06661	24.10198	43	34.5	0.040251	2.854192	12.25	4624	40249.58	2.409983	79.44518
1867	1506	1855.299	1494.299	23.01303	24.08819	43	35.1	0.042847	2.850406	12.25	5185	42454.47	2.498179	82.30543
1868	1507	1856.882	1495.882	23.00337	24.10198	43	24.8	0.034007	2.854192	12.25	801	8252.388	1.130096	37.25363
1869	1508	1857.893	1496.893	23.25772	24.10198	43	24.2	0.033213	2.850406	12.25	6127	64718.68	3.388747	111.7102
1870	1509	1858.905	1497.905	23.09404	24.10198	43	33.2	0.040272	2.850406	12.25	6898	60091.31	3.203652	105.6085
1871	1510	1859.916	1498.916	22.9522	24.09509	43	30.7	0.040036	2.842835	12.25	7021	61687.21	3.267488	107.682
1872	1511	1860.927	1499.927	23.27301	24.12266	43	30.6	0.039864	2.850406	12.25	7158	62993.93	3.319757	109.5298
1873	1512	1861.939	1500.939	23.26339	24.11577	43	32.7	0.041216	2.850406	12.25	7365	62689.98	3.307599	109.0975
1874	1513	1862.95	1501.95	23.342	24.11577	43	30.7	0.039328	2.854192	12.25	7598	67688.24	3.507529	115.692
1875	1514	1863.962	1502.962	23.42068	24.15024	43	27.8	0.038599	2.854192	12.25	7229	65618.07	3.424723	113.1222
1876	1515	1864.973	1503.973	23.52151	24.13645	43	38	0.046022	2.850406	12.25	7254	55297.18	3.011887	99.42897
1877	1516	1865.984	1504.984	23.46776	24.11577	43	34.7	0.044134	2.850406	12.25	7293	57972.85	3.118914	102.8739
1878	1517	1866.996	1505.996	23.48026	24.12956	43	28.9	0.039736	2.850406	12.25	7382	65175.71	3.407029	112.4413
1879	1518	1868.007	1507.007	23.4264	24.15024	43	34.9	0.042868	2.850406	12.25	7298	59725.68	3.189027	105.3369
1880	1519	1869.018	1508.018	23.35034	24.12956	43	31.3	0.041989	2.850406	12.25	7256	60626.04	3.225042	106.4352
1881	1520	1870.03	1509.03	23.36276	24.13645	43	35.6	0.042546	2.850406	12.25	6687	55139.31	3.005573	99.22051
1882	1521	1871.041	1510.041	23.28655	24.15714	43	24.6	0.033471	2.850406	12.25	6745	70698.48	3.627939	119.8688
1883	1522	1872.052	1511.052	23.21025	24.15024	43	22	0.029308	2.850406	12.25	5920	70863.69	3.634548	120.0529
1884	1523	1873.064	1512.064	23.11168	24.14335	43	24	0.032827	2.850406	12.25	5443	58170.08	3.126803	103.2521
1885	1524	1874.075	1513.075	23.36805	24.17093	43	35	0.040637	2.850406	12.25	4735	40878.29	2.435132	80.50383
1886	1525	1875.087	1514.087	23.26943	24.14335	43	25.4	0.033342	2.850406	12.25	4195	44140.14	2.565606	84.72043
1887	1526	1876.098	1515.098	23.39285	24.14335	43	18.8	0.023837	2.850406	12.25	2853	41989.48	2.479579	81.8797
1888	1527	1877.109	1516.109	23.29411	24.2054	43	10.5	0.016735	2.850406	12.25	1828	38320.78	2.332831	77.23184
1889	1528	1878.121	1517.121	23.26197	24.23988	43	17.2	0.026262	2.846621	12.25	3659	48945.29	2.757811	91.43148
1890	1529	1879.132	1518.132	23.00727	24.23298	43	43.1	0.046344	2.846621	12.25	2132	16160.82	1.446433	47.94086
1891	1530	1880.177	1519.177	23.04171	24.25366	43	26.4	0.037397	2.850406	12.25	2265	21248.27	1.649931	54.73232
1892	1531	1881.222	1520.222	23.45483	24.23988	43	25.6	0.034286	2.846621	12.25	4512	46229.82	2.649193	87.83037
1893	1532	1882.267	1521.267	23.24437	24.23298	43	31	0.042289	2.850406	12.25	5484	45494.99	2.6198	86.83117
1894	1533	1883.312	1522.312	22.92218	24.26745	43	47.5	0.054647	2.850406	12.25	5962	38275.05	2.331002	77.36912
1895	1534	1884.357	1523.357	22.9789	24.25366	43	33.7	0.047031	2.846621	12.25	5745	42912.06	2.516482	83.478
1896	1535	1885.402	1524.402	22.99103	24.25366	43	36.9	0.045743	2.846621	12.25	5641	43321.03	2.532841	84.02067
1897	1536	1886.447	1525.447	22.86916	24.26056	43	31.9	0.043619	2.846621	12.25	5698	45889.67	2.635587	87.45385
1898	1537	1887.492	1526.492	22.97059	24.28124	43	38.8	0.04776	2.846621	12.25	5773	42462.57	2.498503	82.97582
1899	1538	1888.537	1527.537	22.89327	24.25366	43	35.5	0.044928	2.846621	12.25	5695	44529.41	2.581176	85.62406
1900	1539	1889.582	1528.582	22.97243	24.26745	43	28.6	0.038599	2.846621	12.25	5664	51549.2	2.861968	94.9926
1901	1540	1890.628	1529.628	22.91738	24.27435	43	30	0.038792	2.846621	12.25	5548	50242.11	2.809685	93.28374
1902	1541	1891.673	1530.673	22.88465	24.30193	43	32.2	0.041645	2.846621	12.25	5755	48545.58	2.741823	91.13411
1903	1542	1892.718	1531.718	22.96389	24.29503	43	35.3	0.044628	2.846621	12.25	5963	46938.73	2.677549	88.97249
1904	1543	1893.763	1532.763	22.61731	24.29503	43	34.6	0.045228	2.846621	12.25	6354	49352.2	2.774088	92.18038
1905	1544	1894.808	1533.808	22.58433	24.3364	43	37.1	0.047116	2.846621	12.25	6745	50289.75	2.81159	93.58563
1906	1545	1895.853	1534.853	22.59619	24.32951	43	36.6	0.048511	2.846621	12.25	7227	52334.41	2.893377	96.28066
1907	1546	1896.898	1535.898	22.58559	24.32261	43	42.6	0.052223	2.846621	12.25	7265	48870.29	2.754812	91.64376
1908	1547	1897.943	1536.943	22.48512	24.3364	43	36.4	0.04761	2.846621	12.25	7303	53885.74	2.95543	98.37342
1909	1548	1898.988	1537.988	22.53437	24.36398	42	33.7	0.043641	2.846621	12.25	6798	54721.76	2.988871	99.9153
1910	1549	1900.033	1539.033	22.58365	24.35709	42	32.2	0.040444	2.846621	12.25	6293	54660.83	2.986433	99.80558
1911	1550	1901.078	1540.078	22.63297	24.35019	42	26	0.036603	2.846621	12.25	6338	60827.94	3.233117	108.0191
1912	1551	1902.164	1541.164	22.68233	24.35019	42	34.4	0.04289	2.846621	12.25	6021	49315.76	2.77263	92.63412
1913	1552	1903.25	1542.25	22.73173	24.36398	42	36.3	0.046516	2.846621	12.25	5705	43085.01	2.523401	84.35505
1914	1553	1904.336	1543.336	22.78116	24.35709	42	37.2	0.043276	2.850406	12.25	5138	41652.49	2.4661	82.4162
1915	1554	1905.421	1544.421	22.68034	24.46051	42	16.6	0.030317	2.850406	12.25	2724	31522.28	2.060891	69.16673

1916	1555	1906.507	1545.507	22.53429	24.88798	42	37.7	0.044563	2.873119	12.25	4019	31389.72	2.055589	70.19442
1917	1556	1907.593	1546.593	22.74917	24.89488	42	40.3	0.051021	2.873119	12.25	4434	30247.52	2.009901	68.65328
1918	1557	1908.679	1547.679	22.80619	24.88109	42	38.9	0.050678	2.873119	12.25	4848	33295.74	2.13183	72.77773
1919	1558	1909.765	1548.765	22.63735	24.88109	42	40.3	0.04952	2.873119	12.25	4973	34953.33	2.198133	75.04125
1920	1559	1910.851	1549.851	22.87518	24.89488	42	30.7	0.041002	2.873119	12.25	5097	43267.31	2.530692	86.44224
1921	1560	1911.936	1550.936	22.84187	24.88798	42	28	0.038341	2.869333	12.25	3524	32032.43	2.081297	71.07231
1922	1561	1913.022	1552.022	22.92164	24.87419	42	36	0.044628	2.873119	12.25	3732	29106.12	1.964245	67.03803
1923	1562	1914.108	1553.108	22.82037	24.8604	42	36	0.044971	2.869333	12.25	3940	30533.98	2.021359	68.94906
1924	1563	1915.194	1554.194	22.69633	24.87419	42	29.6	0.040379	2.869333	12.25	4857	41920.55	2.476822	84.53187
1925	1564	1916.28	1555.28	22.93475	24.88798	42	33.8	0.041817	2.869333	12.25	4957	41312.89	2.452516	83.74871
1926	1565	1917.366	1556.366	22.7426	24.8673	42	30.1	0.039307	2.869333	12.25	5057	44837.98	2.593519	88.4901
1927	1566	1918.452	1557.452	22.61829	24.8673	42	29	0.036925	2.869333	12.25	5151	48617.12	2.744685	93.64783
1928	1567	1919.537	1558.537	22.49384	24.8673	42	26	0.034136	2.865548	12.25	5035	51473.2	2.858928	97.54577
1929	1568	1920.623	1559.623	22.48279	24.8604	42	26.1	0.033964	2.865548	12.25	4919	50541.46	2.821658	96.24745
1930	1569	1921.709	1560.709	22.449	24.8673	42	27.9	0.035938	2.865548	12.25	4675	45396.11	2.615844	89.25184
1931	1570	1922.795	1561.795	22.41517	24.87419	42	29.8	0.037376	2.865548	12.25	5335	49812.47	2.792499	95.30566
1932	1571	1923.881	1562.881	22.49501	24.87419	42	27.1	0.037183	2.865548	12.25	5994	56256.15	3.050246	104.1023
1933	1572	1924.967	1563.967	22.4839	24.88109	42	35.1	0.04334	2.857977	12.25	5488	44306.1	2.572244	87.81287
1934	1573	1926.052	1565.052	22.47276	24.90177	42	34.5	0.041517	2.865548	12.25	5592	47004.35	2.680174	91.57351
1935	1574	1927.138	1566.138	22.5755	24.88798	42	20.4	0.031304	2.869333	12.25	5695	63404.04	3.336162	113.9235
1936	1575	1928.224	1567.224	22.67834	24.88798	42	29.8	0.036153	2.869333	12.25	5911	56982.25	3.07929	105.1519
1937	1576	1929.31	1568.31	22.78127	24.89488	42	28.9	0.038878	2.865548	12.25	6220	55832.11	3.033284	103.6095
1938	1577	1930.396	1569.396	22.7474	24.88109	42	35.8	0.045057	2.865548	12.25	6060	46935.9	2.677436	91.40398
1939	1578	1931.482	1570.482	22.85045	24.88798	42	37.9	0.044563	2.865548	12.25	5901	46210.53	2.648421	90.43851
1940	1579	1932.567	1571.567	22.77088	24.88798	42	20.3	0.032269	2.865548	12.25	5986	64735.23	3.389409	115.7418
1941	1580	1933.653	1572.653	22.85117	24.88109	42	31.3	0.036732	2.865548	12.25	5864	55711.14	3.028446	103.387
1942	1581	1934.739	1573.739	22.8858	24.88798	42	25.7	0.034265	2.865548	12.25	5349	54477.79	2.979112	101.731
1943	1582	1935.825	1574.825	22.73746	24.89488	42	25.6	0.031154	2.865548	12.25	5276	59100.34	3.164014	108.0749
1944	1583	1937.311	1576.311	22.79494	24.91556	42	17.1	0.023923	2.869333	12.25	3475	50624.23	2.824969	96.57419
1945	1584	1938.797	1577.797	22.94405	24.95693	41	17.5	0.025918	2.861762	12.25	3405	45906.7	2.636268	90.56026
1946	1585	1940.283	1579.283	22.88712	24.97072	41	33.7	0.036882	2.861762	12.25	3745	35481.49	2.21926	76.27743
1947	1586	1941.769	1580.769	23.01349	24.95693	41	19.6	0.033127	2.861762	12.25	4648	49028.06	2.761123	94.84922
1948	1587	1943.255	1582.255	23.09411	24.97072	41	42.3	0.048168	2.861762	12.25	5250	38086.31	2.323452	79.85861
1949	1588	1944.74	1583.74	23.10597	24.97072	41	35.7	0.048747	2.861762	12.25	5852	41949.03	2.477961	85.16918
1950	1589	1946.226	1585.226	23.16374	24.97072	41	42.1	0.053274	2.861762	12.25	6240	40929.25	2.43717	83.76716
1951	1590	1947.712	1586.712	23.22155	24.96382	41	44.2	0.056321	2.861762	12.25	6628	41122.46	2.444899	84.00959
1952	1591	1949.198	1588.198	23.25644	24.96382	41	43.6	0.051687	2.861762	12.25	6765	45735.87	2.629435	90.35047
1953	1592	1950.684	1589.684	23.26835	24.96382	41	22.3	0.037311	2.861762	12.25	6902	64639.99	3.3856	116.3332
1954	1593	1952.17	1591.17	23.28026	24.97761	41	41.1	0.048361	2.861762	12.25	1092	7890.321	1.115613	38.35494
1955	1594	1953.656	1592.656	23.20011	24.98451	41	38.7	0.051815	2.861762	12.25	1571	10594.61	1.223784	42.08551
1956	1595	1955.142	1594.142	23.28107	24.97761	41	45.6	0.051687	2.857977	12.25	2051	13884.48	1.355379	46.59815
1957	1596	1956.628	1595.628	23.33905	24.97761	41	19.8	0.030853	2.857977	12.25	1597	18111.18	1.524447	52.41074
1958	1597	1958.114	1597.114	23.42013	24.97072	41	19	0.027463	2.857977	12.25	1417	18053.47	1.522139	52.31692
1959	1598	1959.6	1598.6	23.40902	24.9983	41	32.2	0.035981	2.857977	12.25	2708	26333.97	1.853359	63.77154
1960	1599	1961.086	1600.086	23.42097	24.98451	41	19.9	0.028386	2.857977	12.25	3999	49293.8	2.771752	95.31958
1961	1600	1962.571	1601.571	23.4791	24.97072	41	20.5	0.027978	2.857977	12.25	4232	52925.97	2.917039	100.2606
1962	1601	1964.057	1603.057	23.56037	24.97761	41	28.5	0.035852	2.857977	12.25	3856	37632.35	2.305294	79.25637
1963	1602	1965.543	1604.543	23.45682	24.9914	41	32.6	0.041989	2.857977	12.25	4044	33699.32	2.147973	73.88841
1964	1603	1967.029	1606.029	23.56126	25.02588	41	36.8	0.045379	2.857977	12.25	4307	33209.72	2.128389	73.31574
1965	1604	1968.515	1607.515	23.57326	25.00519	41	31.7	0.041366	2.857977	12.25	4569	38646.92	2.345877	80.74067
1966	1605	1970.001	1609.001	23.51582	25.01898	41	29.2	0.039114	2.857977	12.25	4864	43511.86	2.540474	87.48657
1967	1606	1971.487	1610.487	23.89829	25.01898	41	33.8	0.042117	2.857977	12.25	4960	41206.16	2.448246	84.3105
1968	1607	1972.973	1611.973	23.67875	25.03277	41	31.9	0.040658	2.857977	12.25	5056	43510.96	2.540438	87.53354
1969	1608	1974.459	1613.459	23.71397	25.01209	41	28.1	0.039028	2.857977	12.25	4672	41886.19	2.475448	85.22375
1970	1609	1975.945	1614.945	23.7492	24.9983	41	37.6	0.046301	2.857977	12.25	4288	32404.41	2.096176	72.12655
1971	1610	1977.431	1616.431	23.94689	25.02588	41	37.3	0.047331	2.857977	12.25	4966	36711.49	2.268459	78.14069
1972	1611	1978.917	1617.917	23.95904	24.9983	41	33.8	0.041753	2.857977	12.25	4088	34258.54	2.170341	74.67847
1973	1612	1980.402	1619.402	24.04088	24.9914	41	22.1	0.034586	2.857977	12.25	3210	32474.37	2.098975	72.20293
1974	1613	1981.888	1620.888	24.02982	25.36372	41	39	0.043383	2.876904	12.25	3115	24958.07	1.798323	62.78234
1975	1614	1983.374	1622.374	23.94899	25.37062	41	24.1	0.037397	2.873119	12.25	3602	33523.72	2.140949	74.76429
1976	1615	1984.86	1623.86	24.00764	25.33614	41	38.9	0.047352	2.873119	12.25	4089	30055.28	2.002211	69.8244
1977	1616	1986.346	1625.346	24.06634	25.32925	41	41	0.050163	2.873119	12.25	3772	26171.77	1.846871	64.3896
1978	1617	1987.832	1626.832	24.07851	25.32925	41	30.9	0.044327	2.873119	12.25	3454	27120.52	1.884821	65.71269
1979	1618	1989.318	1628.318	24.04409	25.32925	41	42	0.050549	2.873119	12.25	3573	24601.62	1.784065	62.19991
1980	1619	1990.247	1629.247	24.03293	25.31546	41	36.7	0.048339	2.873119	12.25	4976	35828.21	2.233128	77.81376
1981	1620	1991.176	1630.176	24.20832	25.31546	41	36.5	0.047567	2.869333	12.25	4912	35989.12	2.239565	78.03803
1982	1621	1992.105	1631.105	24.15054	25.30856	41	39	0.049562	2.869333	12.25	4848	34090.17	2.163607	75.37073
1983	1622	1993.034	1632.034	24.18607	25.34304	41	38.5	0.05027	2.869333	12.25	4783	33159.4	2.126376	74.17466
1984	1623	1993.963	1632.963	24.15155	25.33614	41	41.3	0.051858	2.873119	12.25	4718	31665.56	2.066623	72.07067
1985	1624	1994.891	1633.891	24.18709	25.34304	40	38	0.045829	2.869333	12.25	3882	29521.12	1.980845	69.31873
1986	1625	1995.82	1634.82	24.19928	25.34304	40	20.3	0.032763	2.869333	12.25	3045	32391.18	2.095647	73.33619
1987	1626	1996.749	1635.749	24.30504	25.34993	40	33.5	0.04068	2.869333	12.25	3967	33986.18	2.159447	75.58941
1988	1627	1997.678	1636.678	24.43429	25.34993	40	35.3	0.044907	2.869333	12.25	4167	32339.46	2.093578	73.28373
1989	1628	1998.607	1637.607	24.44658	25.36372	40	34.6	0.045057	2.869333	12.25	4368	33786.39	2.151456	75.35064
1990	1629	1999.536	1638.536	24.36516	25.36372	40	36.3	0.045164	2.869333	12.25	4569	35257.18	2.210287	77.4111
1991	1630	2000.465	1639.465	24.21332	25.35683	40	30.7	0.040701	2.869333	12.25	4770	40844.12	2.433765	85.21481
1992	1631	2001.394	1640.394	24.31929	25.37751	40	30.6	0.0398	2.869333	12.25	4786	41909	2.47636	86.77694
1993	1632	2002.323	1641.323	24.3315	25.3913	40	32.4	0.041517	2.869333	12.25	4876	40931.84	2.437273	85.45368
1994	1633	2003.252	1642.252	24.50804	25.3844	40	33.3	0.041109	2.869333	12.25	4966	42100.74	2.48403	87.06935
1995	1634	2004.18	1643.18	24.3794	25.3844	40	26	0.036989	2.869333	12.25	4899	46158.18	2.646327	92.75815

1996	1635	2005.109	1644.109	24.48562	25.37062	40	35.1	0.042568	2.869333	12.25	4652	38086.98	2.323479	81.39755
1997	1636	2006.038	1645.038	24.23927	25.41888	40	32	0.0395	2.869333	12.25	4405	38866.07	2.354643	82.64622
1998	1637	2006.967	1645.967	24.11028	25.32235	40	21	0.03051	2.865548	12.25	4123	47159.11	2.686364	93.93134
1999	1638	2007.896	1646.896	24.52242	25.39819	40	26.2	0.03051	2.869333	12.25	3858	44069.81	2.562792	89.87891
2000	1639	2008.825	1647.825	24.60533	25.39819	40	16.4	0.025532	2.869333	12.25	3650	49822.37	2.792895	97.94877
2001	1640	2009.823	1648.823	24.47628	25.3913	40	27.2	0.032183	2.869333	12.25	3470	37576.53	2.303061	80.74804
2002	1641	2010.821	1649.821	24.0407	25.34993	40	24.8	0.03317	2.865548	12.25	2804	29499.89	1.979995	69.30787
2003	1642	2011.819	1650.819	24.00554	25.10861	40	28.2	0.039371	2.842835	12.25	1583	14143.36	1.365734	47.35115
2004	1643	2012.817	1651.817	23.99394	25.10861	40	45.9	0.05336	2.83905	12.25	3229	21314.67	1.652587	57.29657
2005	1644	2013.816	1652.816	24.24196	25.09483	40	36.9	0.048554	2.83905	12.25	4045	29344.08	1.973763	68.39443
2006	1645	2014.814	1653.814	24.08873	25.09483	40	32.8	0.043834	2.83905	12.25	2948	23688.94	1.747557	60.556
2007	1646	2015.812	1654.812	23.9826	25.08793	40	36.2	0.047417	2.83905	12.25	3404	25286.21	1.811448	62.75269
2008	1647	2016.81	1655.81	24.01819	25.1224	40	43.4	0.052523	2.835265	12.25	4090	27464.89	1.898595	65.86204
2009	1648	2017.808	1656.808	23.88824	25.09483	40	35	0.048275	2.835265	12.25	4775	34886.45	2.195458	76.07656
2010	1649	2018.806	1657.806	23.90013	25.08793	40	41.6	0.050957	2.83905	12.25	5123	35411.73	2.216469	76.78354
2011	1650	2019.804	1658.804	23.74629	25.10861	40	36.1	0.047395	2.83905	12.25	5471	40659.07	2.426363	84.12403
2012	1651	2020.802	1659.802	23.73442	25.1293	40	34.9	0.044606	2.835265	12.25	5221	41282.42	2.451297	85.05851
2013	1652	2021.8	1660.8	23.69881	25.10861	40	32.2	0.040873	2.835265	12.25	4972	42904.42	2.516177	87.23795
2014	1653	2022.799	1661.799	23.78172	25.13619	40	26.8	0.036303	2.835265	12.25	5200	50520.64	2.820826	97.90781
2015	1654	2023.797	1662.797	23.58003	25.14998	40	29.8	0.039543	2.835265	12.25	5057	45105.92	2.604237	90.43982
2016	1655	2024.795	1663.795	23.52053	25.1293	40	38.3	0.047331	2.835265	12.25	4913	36610.63	2.264425	78.57418
2017	1656	2025.793	1664.793	23.55594	25.14998	40	37.6	0.048275	2.835265	12.25	4853	35456.32	2.218253	77.03539
2018	1657	2026.791	1665.791	23.56762	25.15688	40	36.3	0.046537	2.835265	12.25	4793	36325.68	2.253027	78.26449
2019	1658	2027.789	1666.789	23.60307	25.17756	40	34.1	0.044199	2.835265	12.25	4937	39396.88	2.375875	82.59977
2020	1659	2028.787	1667.787	23.59097	25.17067	40	33.3	0.04231	2.835265	12.25	4785	39887.88	2.395515	83.25977
2021	1660	2029.785	1668.785	23.53127	25.17067	40	29.9	0.038835	2.835265	12.25	4633	42077.47	2.483099	86.30387
2022	1661	2030.783	1669.783	23.63814	25.19135	40	28.1	0.036517	2.835265	12.25	4672	45124.17	2.604967	90.61397
2023	1662	2031.782	1670.782	23.72128	25.17067	40	27.9	0.035895	2.835265	12.25	4711	46289.56	2.651582	92.15978
2024	1663	2032.78	1671.78	23.66152	25.16377	40	27.6	0.035359	2.835265	12.25	4633	46213.73	2.648549	92.02913
2025	1664	2033.778	1672.778	23.48249	25.01209	40	26.5	0.033835	2.827694	12.25	4768	49834.68	2.793387	96.47674
2026	1665	2034.776	1673.776	23.58949	25.04656	40	24.1	0.032784	2.827694	12.25	4627	49911.8	2.796472	96.71641
2027	1666	2035.774	1674.774	23.57727	25.18446	40	29.9	0.038985	2.835265	12.25	4486	40585.44	2.423418	84.2757
2028	1667	2036.772	1675.772	23.54115	25.20514	40	38	0.046666	2.83905	12.25	4564	34448.7	2.177948	75.80157
2029	1668	2037.77	1676.77	23.33778	25.17067	40	35.6	0.040916	2.83905	12.25	4355	37490.73	2.299629	79.92711
2030	1669	2038.768	1677.768	23.75556	25.3913	40	10.3	0.022035	2.850406	12.25	4145	65994.36	3.439774	120.6025
2031	1670	2039.766	1678.766	23.31296	25.85325	40	25.9	0.029931	2.873119	12.25	3016	35072.21	2.202888	78.64102
2032	1671	2040.765	1679.765	23.42013	25.83256	40	25.6	0.035423	2.873119	12.25	3268	32110.05	2.084402	74.35163
2033	1672	2041.763	1680.763	23.47952	25.83256	40	36.8	0.043963	2.873119	12.25	3521	27875.97	1.915039	68.31037
2034	1673	2042.761	1681.761	23.70658	25.83256	40	32.1	0.04349	2.869333	12.25	3966	31781.73	2.071269	73.88318
2035	1674	2043.759	1682.759	23.4547	25.81877	40	37.5	0.046923	2.869333	12.25	3904	28996.1	1.959844	69.87127
2036	1675	2044.757	1683.757	23.39432	25.81877	40	36.6	0.048211	2.869333	12.25	3841	27766.41	1.910656	68.11767
2037	1676	2045.755	1684.755	23.42979	25.83946	40	40.8	0.04731	2.869333	12.25	3724	27433.4	1.897336	67.69696
2038	1677	2046.753	1685.753	23.36931	25.86014	40	20.7	0.032655	2.869333	12.25	3607	38495.5	2.33982	83.55163
2039	1678	2047.751	1686.751	23.4528	25.85325	40	28.6	0.03317	2.869333	12.25	3790	39820.64	2.392826	85.4216
2040	1679	2048.75	1687.75	23.72848	25.86014	40	19.5	0.029287	2.869333	12.25	3629	43184.99	2.5274	90.24983
2041	1680	2049.748	1688.748	23.9804	25.84635	40	29.9	0.032698	2.869333	12.25	3779	40278.24	2.411129	86.05208
2042	1681	2050.746	1689.746	23.89599	25.84635	40	13.3	0.024717	2.869333	12.25	3930	55413.88	3.016555	107.6594
2043	1682	2051.744	1690.744	23.97984	25.86014	40	32.1	0.035058	2.869333	12.25	4152	41274.69	2.450988	87.52126
2044	1683	2052.742	1691.742	23.5825	25.86704	40	21.7	0.032698	2.869333	12.25	4148	44211.2	2.568448	91.74006
2045	1684	2053.74	1692.74	23.42551	25.88772	40	33.5	0.041087	2.869333	12.25	4144	35150.34	2.206013	78.8576
2046	1685	2054.738	1693.738	23.79827	25.88083	40	35.8	0.042053	2.869333	12.25	4188	34707.96	2.188318	78.20423
2047	1686	2055.736	1694.736	24.02679	25.87393	40	19.3	0.031304	2.869333	12.25	4536	50500.57	2.820023	100.7527
2048	1687	2056.734	1695.734	24.13498	25.87393	40	32.9	0.039114	2.865548	12.25	3847	34323.17	2.172927	77.63348
2049	1688	2057.733	1696.733	24.14676	25.88772	40	31.4	0.040787	2.869333	12.25	3158	26984.14	1.879365	67.18103
2050	1689	2058.731	1697.731	24.39989	25.86704	40	31.6	0.041452	2.869333	12.25	4620	38843.05	2.353722	84.07046
2051	1690	2059.729	1698.729	24.33935	25.88772	40	35.4	0.043834	2.869333	12.25	4573	36358.95	2.254358	80.58576
2052	1691	2060.727	1699.727	24.01301	25.88083	40	31.1	0.040809	2.869333	12.25	4525	38644.4	2.345776	83.83131
2053	1692	2061.725	1700.725	24.00054	25.85325	40	30.4	0.038041	2.869333	12.25	4358	39926.11	2.397044	85.57221
2054	1693	2062.723	1701.723	23.93969	25.87393	40	24.6	0.03214	2.865548	12.25	4191	45504.85	2.620194	93.61328
2055	1694	2063.721	1702.721	23.80618	25.86704	40	21	0.027871	2.869333	12.25	3853	48180.17	2.727207	97.41063
2056	1695	2064.719	1703.719	24.25346	25.86704	40	21.3	0.026047	2.869333	12.25	3583	47940.95	2.717638	97.06884
2057	1696	2065.717	1704.717	24.48321	25.83946	40	15.2	0.022207	2.865548	12.25	2105	33079.85	2.123194	75.75559
2058	1697	2066.716	1705.716	24.39819	25.34993	40	21.4	0.02476	2.831479	12.25	2717	38755.2	2.350208	82.2668
2059	1698	2067.714	1706.714	24.45853	25.33614	40	14.6	0.020276	2.831479	12.25	2452	42710.51	2.50842	87.75712
2060	1699	2068.712	1707.712	24.34915	25.33614	40	14.7	0.020898	2.827694	12.25	2500	42306.6	2.492264	87.19189
2061	1700	2069.71	1708.71	24.11833	25.40509	40	24	0.032162	2.827694	12.25	2957	32514.48	2.100579	73.68877
2062	1701	2070.708	1709.708	24.0572	25.44646	40	39.2	0.043469	2.827694	12.25	3321	27018.21	1.880728	66.08379
2063	1702	2071.706	1710.706	24.4089	25.41888	40	21.8	0.036174	2.827694	12.25	4286	41900.74	2.47603	86.90681
2064	1703	2072.704	1711.704	24.17774	25.3844	40	42.2	0.048769	2.827694	12.25	4398	31892.08	2.075683	72.75614
2065	1704	2073.702	1712.702	24.23807	25.37062	40	36.7	0.047782	2.827694	12.25	4510	33379.78	2.135191	74.80133
2066	1705	2074.7	1713.7	24.51736	25.37062	40	33.7	0.044392	2.827694	12.25	4249	33849.59	2.153983	75.45967
2067	1706	2075.699	1714.699	24.52923	25.41198	40	35.4	0.044585	2.827694	12.25	3988	31632.73	2.065309	72.47116
2068	1707	2076.697	1715.697	24.39502	25.2603	40	32.5	0.040873	2.820123	12.25	4105	35613.09	2.224523	77.59202
2069	1708	2077.695	1716.695	24.43117	25.36372	40	25.1	0.034286	2.827694	12.25	4223	43558.35	2.542334	89.0404
2070	1709	2078.693	1717.693	24.17491	25.34993	40	26.9	0.032462	2.823908	12.25	5142	56092.14	3.043686	106.5413
2071	1710	2079.691	1718.691	24.38164	25.37751	40	18.6	0.029223	2.827694	12.25	6143	74341.36	3.773655	132.2369
2072	1711	2080.553	1719.553	24.36902	25.08104	40	34.9	0.038341	2.808767	12.25	6414	59559.11	3.182364	110.214
2073	1712	2081.415	1720.415	24.35638	25.33614	40	20.5	0.031776	2.823908	12.25	6685	74499.82	3.779993	132.2431
2074	1713	2082.276	1721.276	24.29488	25.30856	40	31.2	0.037848	2.823908	12.25	5999	56129.24	3.04517	106.4193
2075	1714	2083.138	1722.138	24.64859	25.35683	40	31.1	0.040165	2.823908	12.25	5023	44285.98	2.571439	90.03527

2076	1715	2084	1723	24.61159	25.30167	40	31.6	0.040079	2.820123	12.25	4986	44113.03	2.564521	89.59772
2077	1716	2084.862	1723.862	24.6479	24.92935	40	29.3	0.038835	2.797411	12.25	4949	45555.64	2.622226	90.26566
2078	1717	2085.724	1724.724	24.83101	25.30856	40	32.2	0.041045	2.820123	12.25	4757	41096.95	2.443878	85.40604
2079	1718	2086.586	1725.586	24.72058	25.23962	40	33.2	0.041495	2.816338	12.25	4541	38857.05	2.354282	82.05079
2080	1719	2087.447	1726.447	24.65901	25.35683	40	28.4	0.037161	2.823908	12.25	4326	41223.75	2.44895	85.74649
2081	1720	2088.309	1727.309	24.64637	25.35683	40	26.4	0.035488	2.823908	12.25	4359	43497.1	2.539884	88.93041
2082	1721	2089.171	1728.171	24.70723	25.47404	40	31.4	0.040551	2.831479	12.25	4161	36239.49	2.249579	79.12991
2083	1722	2090.033	1729.033	24.79267	25.46025	40	37	0.043748	2.831479	12.25	3962	31984.78	2.079391	73.10387
2084	1723	2090.895	1729.895	25.29526	25.3844	40	24.5	0.032698	2.827694	12.25	3530	38178.32	2.327133	81.56986
2085	1724	2091.757	1730.757	25.25831	25.70846	40	17.4	0.026841	2.842835	12.25	2609	34192	2.16768	76.95074
2086	1725	2092.618	1731.618	25.22131	26.26693	40	31	0.035595	2.876904	12.25	2598	25370.37	1.814815	65.82385
2087	1726	2093.48	1732.48	25.11055	26.32899	40	24.5	0.041474	2.876904	12.25	3232	27087.79	1.883512	68.47689
2088	1727	2094.342	1733.342	24.8276	26.3152	40	64.3	0.075953	2.880689	12.25	2839	12975.53	1.319021	47.92918
2089	1728	2095.204	1734.204	24.8149	26.3083	40	72.3	0.081252	2.880689	12.25	2446	10450.19	1.218008	44.24706
2090	1729	2096.066	1735.066	24.72835	26.30141	40	25.2	0.041045	2.876904	12.25	2910	24644.05	1.785762	64.8551
2091	1730	2096.928	1735.928	24.69095	26.30141	40	18.2	0.027013	2.876904	12.25	3373	43403.5	2.53614	92.10724
2092	1731	2097.789	1736.789	24.72739	26.28762	40	27.9	0.033492	2.876904	12.25	3508	36407.5	2.2563	81.90107
2093	1732	2098.651	1737.651	24.83777	26.26004	40	26.3	0.035016	2.876904	12.25	3735	37077	2.28308	82.78622
2094	1733	2099.513	1738.513	24.70172	26.28072	40	30.1	0.036882	2.876904	12.25	3459	32599.34	2.103974	76.35178
2095	1734	2100.375	1739.375	24.56553	26.28072	40	25.2	0.035702	2.876904	12.25	3666	35692.2	2.227688	80.84128
2096	1735	2101.237	1740.237	24.82402	26.29451	40	35.5	0.039714	2.876904	12.25	3874	33906.84	2.156274	78.29077
2097	1736	2102.099	1741.099	24.61367	26.32209	40	17.9	0.032226	2.876904	12.25	3814	41138.16	2.445526	88.8862
2098	1737	2102.96	1741.96	24.55131	26.34967	40	43.1	0.047739	2.880689	12.25	3773	27435.94	1.897438	69.03737
2099	1738	2103.822	1742.822	24.39004	26.35657	40	32.2	0.0395	2.880689	12.25	3490	30671.48	2.026859	73.76561
2100	1739	2104.684	1743.684	24.52527	26.34967	40	12.2	0.023837	2.880689	12.25	3753	54654.71	2.986188	108.6511
2101	1740	2105.452	1744.452	24.56168	26.32899	40	30.1	0.034715	2.880689	12.25	4038	40378.56	2.415143	87.80484
2102	1741	2106.221	1745.221	24.64761	26.30141	40	29.2	0.037655	2.876904	12.25	3924	36223.13	2.248925	81.67621
2103	1742	2106.989	1745.989	24.65934	26.32899	40	28.6	0.037032	2.880689	12.25	4160	38995.6	2.359824	85.79368
2104	1743	2107.758	1746.758	24.52245	26.32899	41	29	0.036796	2.876904	12.25	4337	40969.38	2.438775	88.3818
2105	1744	2108.526	1747.526	24.93061	26.21178	41	26.9	0.034822	2.869333	12.25	4615	46188.27	2.647531	95.52001
2106	1745	2109.294	1748.294	24.79369	26.34967	41	25.7	0.035058	2.876904	12.25	4647	46073.88	2.642955	95.85657
2107	1746	2110.063	1749.063	24.92949	26.17041	41	33.7	0.040015	2.865548	12.25	5057	44102.78	2.564111	92.36432
2108	1747	2110.831	1749.831	24.96614	26.26004	41	26	0.03493	2.873119	12.25	5029	50111.01	2.80444	101.3674
2109	1748	2111.599	1750.599	25.00281	26.3152	41	25.1	0.032763	2.876904	12.25	4784	50755.87	2.830235	102.5147
2110	1749	2112.368	1751.368	25.08919	26.3152	41	26.3	0.032934	2.876904	12.25	5215	55040.21	3.001608	108.722
2111	1750	2113.136	1752.136	25.07623	26.26693	41	23.2	0.033063	2.873119	12.25	2477	26075.3	1.843012	66.63378
2112	1751	2113.905	1752.905	25.01352	26.32209	41	35	0.041066	2.876904	12.25	480	4062.875	0.962515	34.87264
2113	1752	2114.673	1753.673	25.09999	26.28762	41	28.2	0.039307	2.876904	12.25	776	6862.311	1.074492	38.87868
2114	1753	2115.441	1754.441	25.28608	26.21867	41	35.4	0.043512	2.869333	12.25	763	6111.321	1.044453	37.69263
2115	1754	2116.21	1755.21	25.22334	26.14283	41	33	0.042525	2.865548	12.25	730	5990.61	1.039624	37.40985
2116	1755	2116.978	1755.978	25.23527	26.24625	41	30.8	0.036475	2.873119	12.25	698	6660.586	1.066423	38.52599
2117	1756	2117.746	1756.746	25.2472	26.34278	40	13.8	0.02594	2.873119	12.25	953	12787.11	1.311485	47.70526
2118	1757	2118.515	1757.515	25.43367	26.21867	40	34.9	0.039457	2.846621	12.25	2185	19453.58	1.578143	57.13453
2119	1758	2119.283	1758.283	25.47062	26.63925	40	30.5	0.041302	2.873119	12.25	3417	28795.21	1.951808	71.79607
2120	1759	2120.052	1759.052	25.33289	26.74267	40	35.6	0.044585	2.880689	12.25	3392	26410.3	1.856412	68.5521
2121	1760	2120.82	1759.82	25.36981	26.47378	40	34.9	0.040487	2.861762	12.25	3367	29060.1	1.962404	71.73744
2122	1761	2121.588	1760.588	25.45672	26.80472	40	13.5	0.025833	2.880689	12.25	3493	46939.14	2.677566	99.10443
2123	1762	2122.357	1761.357	25.64367	26.52893	40	31.5	0.035702	2.865548	12.25	3762	36772	2.27088	83.18702
2124	1763	2123.125	1762.125	25.33068	26.41862	40	26.9	0.034822	2.857977	12.25	2698	27109.67	1.884387	68.74192
2125	1764	2124.125	1763.125	25.49271	25.97046	40	23.2	0.030531	2.823908	12.25	3034	35190.02	2.207601	79.16656
2126	1765	2125.125	1764.125	25.52973	26.88057	40	22.6	0.029566	2.880689	12.25	3919	46013.91	2.640556	98.01113
2127	1766	2126.125	1765.125	25.54174	26.77025	40	24.2	0.030424	2.873119	12.25	3494	39971.7	2.398868	88.67483
2128	1767	2127.125	1766.125	25.32828	26.91504	40	22.4	0.03051	2.884475	12.25	3278	37247.93	2.289917	85.10525
2129	1768	2128.125	1767.125	25.91666	26.58409	40	28.4	0.034586	2.865548	12.25	3201	32297.77	2.091911	76.79033
2130	1769	2129.125	1768.125	26.00406	26.74267	40	25.2	0.034329	2.873119	12.25	3307	33528.97	2.141159	79.06699
2131	1770	2130.125	1769.125	26.01627	26.27383	40	30.8	0.037933	2.846621	12.25	3234	29949.37	1.997975	72.48613
2132	1771	2131.125	1770.125	26.00338	26.89436	40	28.4	0.036968	2.884475	12.25	3160	29634.29	1.985372	73.73005
2133	1772	2132.125	1771.125	25.51335	26.85299	40	27.9	0.035423	2.880689	12.25	2978	29183.72	1.967349	72.94836
2134	1773	2133.125	1772.125	25.9524	26.86678	40	25.1	0.032956	2.880689	12.25	3104	32695.92	2.107837	78.19772
2135	1774	2134.125	1773.125	26.11538	26.84609	40	25.3	0.032334	2.884475	12.25	3020	32380.72	2.095229	77.67014
2136	1775	2135.125	1774.125	26.12761	26.79783	40	24.4	0.031239	2.876904	12.25	2936	32668.47	2.106739	77.95642
2137	1776	2136.125	1775.125	26.26563	26.64615	40	22.7	0.02948	2.869333	12.25	2688	31777.6	2.071104	76.20401
2138	1777	2137.125	1776.125	26.22758	26.45309	40	22.2	0.028472	2.857977	12.25	2620	32198.17	2.087927	76.2664
2139	1778	2138.125	1777.125	26.34058	26.69441	40	21.2	0.027292	2.873119	12.25	2877	36690.93	2.267637	83.58636
2140	1779	2139.125	1778.125	26.52925	26.77025	40	20.2	0.028021	2.876904	12.25	2740	33989.24	2.15957	79.8291
2141	1780	2140.125	1779.125	26.61726	26.64615	40	28.6	0.032527	2.873119	12.25	2683	28709.62	1.948385	71.68869
2142	1781	2141.125	1780.125	26.37752	26.68751	40	17	0.024331	2.873119	12.25	2554	36535.39	2.261416	83.33551
2143	1782	2142.125	1781.125	26.188	26.8392	40	16.8	0.023666	2.884475	12.25	2620	38381.2	2.335248	86.54542
2144	1783	2143.125	1782.125	26.40215	26.84609	40	26.1	0.032655	2.884475	12.25	3171	33664.67	2.146587	79.57398
2145	1784	2144.125	1783.125	26.64174	26.71509	40	31	0.034887	2.873119	12.25	3117	31097.27	2.043891	75.39732
2146	1785	2145.125	1784.125	26.57837	26.16351	40	12.5	0.024674	2.83905	12.25	2344	33461.56	2.138463	77.25725
2147	1786	2146.125	1785.125	26.5402	25.74983	40	34	0.038942	2.804981	12.25	4235	38770.94	2.350837	83.58695
2148	1787	2147.125	1786.125	26.50198	25.72914	40	33	0.041559	2.804981	12.25	5967	51186.56	2.847462	101.1637
2149	1788	2148.125	1787.125	26.74202	25.70846	40	27.7	0.037805	2.808767	12.25	1141	10745.42	1.229817	43.65742
2150	1789	2149.125	1788.125	26.65322	25.70846	40	32.4	0.040766	2.808767	12.25	3323	29021.55	1.960862	69.60887
2151	1790	2150.125	1789.125	26.71626	25.70156	40	32.7	0.04113	2.808767	12.25	5505	47651.77	2.706071	96.03737
2152	1791	2151.125	1790.125	26.67801	25.69467	40	28.5	0.037333	2.808767	12.25	5652	53900.99	2.956039	104.8805
2153	1792	2152.125	1791.125	26.71576	25.68777	40	27.3	0.035981	2.804981	12.25	5383	53336.05	2.933442	104.0508
2154	1793	2153.125	1792.125	26.70281	25.68088	40	30	0.036002	2.808767	12.25	5114	50572.29	2.822891	100.1027
2155	1794	2154.125	1793.125	26.61372	25.66709	40	20.5	0.029137	2.808767	12.25	4401	53776.86	2.951074	104.592

2156	1795	2155.125	1794.125	26.7276	25.67398	40	23.8	0.029909	2.808767	12.25	4298	51161.99	2.84648	100.912
2157	1796	2156.125	1795.125	26.58763	25.6533	40	23.7	0.030746	2.808767	12.25	4104	47523.12	2.700925	95.67474
2158	1797	2157.125	1796.125	26.67618	25.6602	40	24.7	0.031432	2.808767	12.25	4393	49758.51	2.790341	98.86867
2159	1798	2158.125	1797.125	26.86646	25.68088	40	24	0.031947	2.808767	12.25	4409	49134.8	2.765392	98.06367
2160	1799	2159.125	1798.125	26.82805	25.68777	40	28.2	0.035917	2.808767	12.25	4424	43853.42	2.554137	90.59666
2161	1800	2160.125	1799.125	26.84047	25.68777	40	30.6	0.038298	2.808767	12.25	4108	38188.8	2.327552	82.55957
2162	1801	2161.125	1800.125	27.03106	25.69467	40	27.9	0.036775	2.808767	12.25	4430	42888.09	2.515524	89.25098
2163	1802	2162.125	1801.125	27.04356	25.68777	40	29.2	0.039628	2.808767	12.25	4753	42701.66	2.508066	88.96251
2164	1803	2163.125	1802.125	26.92868	25.68777	40	40	0.048125	2.808767	12.25	4583	33905.05	2.156202	76.48169
2165	1804	-9999	-9999	26.94113	25.72225	40	35.1	0.044992	2.808767	12.25	4879	38607.9	2.344316	83.2658
2166	1805	-9999	-9999	26.80057	25.68777	40	29.3	0.037054	2.808767	12.25	5176	49733.12	2.789325	98.93891
2167	1806	-9999	-9999	26.9405	25.68088	40	20.4	0.030274	2.808767	12.25	5118	60188.99	3.20756	113.7434
2168	1807	-9999	-9999	26.92741	25.69467	40	30.2	0.03493	2.808767	12.25	5602	57099.53	3.083981	109.4199
2169	1808	-9999	-9999	27.19518	25.70846	40	21.6	0.030617	2.808767	12.25	5642	65607.41	3.424297	121.5595
2170	1809	-9999	-9999	27.07999	25.71535	40	26.1	0.03375	2.808767	12.25	5404	57007.29	3.080292	109.377
2171	1810	-9999	-9999	27.11802	25.71535	40	31.3	0.035895	2.808767	12.25	5165	51229.27	2.849171	101.1702
2172	1811	-9999	-9999	27.18166	25.72225	40	16	0.024481	2.808767	12.25	4333	63015.42	3.320617	117.9422
2173	1812	-9999	-9999	27.16859	25.57746	40	18.8	0.028021	2.797411	12.25	2138	27275.19	1.891008	66.78704
2174	1813	-9999	-9999	27.25787	25.08793	40	39.4	0.046408	2.755771	12.25	3183	24888.37	1.795535	62.20141
2175	1814	-9999	-9999	27.37284	25.83256	40	39.9	0.050249	2.801196	12.25	3607	25625.67	1.825027	65.0996
2176	1815	-9999	-9999	27.33419	26.4462	40	35.2	0.04864	2.83905	12.25	4031	29190.92	1.967637	71.85379
2177	1816	-9999	-9999	27.37238	26.62546	40	46	0.05645	2.850406	12.25	4268	26525.06	1.861002	68.4204
2178	1817	-9999	-9999	27.25674	26.75646	40	43.9	0.054197	2.861762	12.25	4505	29046.07	1.961843	72.48271
2179	1818	-9999	-9999	27.39752	26.1842	40	31	0.046087	2.827694	12.25	4490	34453.96	2.178159	78.75358
2180	1819	-9999	-9999	27.4101	26.19109	40	46.9	0.056128	2.823908	12.25	4475	28233.47	1.929339	69.7756
2181	1820	-9999	-9999	27.42267	26.60478	40	43	0.054733	2.850406	12.25	4470	28651.66	1.946066	71.49223
2182	1821	-9999	-9999	27.43524	26.59788	40	36.2	0.047846	2.850406	12.25	4465	32739.3	2.109572	77.47881
2183	1822	-9999	-9999	27.44782	26.60478	40	35.2	0.045786	2.850406	12.25	3097	23730.1	1.749204	64.26013
2184	1823	-9999	-9999	27.46039	26.76336	40	36.4	0.046387	2.861762	12.25	1729	13024.62	1.320985	48.818
2185	1824	-9999	-9999	27.47297	26.41862	40	35.4	0.046644	2.83905	12.25	1622	12248.35	1.289934	47.05646
2186	1825	-9999	-9999	27.48554	26.37725	40	39.4	0.049434	2.83905	12.25	1516	10801.98	1.232079	44.87553
2187	1826	-9999	-9999	27.49811	26.40483	40	37.4	0.048575	2.83905	12.25	1564	11340.88	1.253635	45.70841

Well B22: mudlog data

MDRT_unshifted	Burial Depth_unshifted	MDRT	Burial Depth	P_mudlog	Pump Pressure	Fluid Temperature	ROP_ave	Vcut_ave	Vflow_ave	Hole Diameter	TG GC equiv	TG GC norm_ave (calibrated total gas concentrations)	TG GC norm_ave	TG GCnorm
m	m	m	m	MPa	MPa	°C	m/hr	m3/min	m3/min	in	ppmv	ppmv	vol.% scaled	mol/m³ scaled
1120	517.5	-9999	-9999	11.30008	17.45543	36	18.133	0.047041	3.061632	17.5	9453	65636.09	4.594526	112.175
1121	518.5	-9999	-9999	11.31017	17.53817	36	19.899	0.050448	3.061253	17.5	9644	62447.07	4.371295	107.2307
1122	519.5	-9999	-9999	11.32026	17.64849	36	17.484	0.048105	3.058982	17.5	9585	65136.93	4.559585	112.5531
1123	520.5	-9999	-9999	11.34357	17.85533	36.1	20.026	0.051037	3.051789	17.5	11769	75561.14	5.28928	132.0531
1124	521.5	-9999	-9999	11.36691	17.82086	36.1	18.97	0.049326	3.051789	17.5	12857	85410.14	5.97871	148.9774
1125	522.5	-9999	-9999	11.36378	17.82775	36.1	16.744	0.046213	3.051789	17.5	13621	96581.27	6.760689	168.5279
1126	523.5	-9999	-9999	11.45341	17.86912	36.1	19.594	0.054016	3.052168	17.5	13083	79356.06	5.554924	138.7924
1127	524.5	-9999	-9999	11.41051	17.86912	36.1	28.24	0.072611	3.053304	17.5	11440	51600.48	3.612034	90.24833
1128	525.5	-9999	-9999	11.47376	17.80707	36	33.274	0.07726	3.054439	17.5	11983	50778.55	3.554498	88.53101
1129	526.5	-9999	-9999	11.5371	17.93807	36.1	15.109	0.048443	3.052168	17.5	12526	84717.84	5.930249	148.7417
1130	527.5	-9999	-9999	11.5074	17.91738	36.1	16.923	0.043587	3.04649	17.5	13078	98487.72	6.89414	172.7185
1131	528.5	-9999	-9999	11.46433	17.75191	36.1	16.743	0.044119	3.028699	17.5	13204	98814.62	6.917023	171.6914
1132	529.5	-9999	-9999	11.47446	17.73812	36.2	16.864	0.044644	3.02832	17.5	15655	115795	8.105651	200.9737
1133	530.5	-9999	-9999	11.57797	17.7588	36.2	17.758	0.047088	3.029077	17.5	15979	112028.6	7.842001	194.6635
1134	531.5	-9999	-9999	11.53479	17.78638	36.2	19.643	0.049902	3.029456	17.5	16070	106300.5	7.441036	184.9971
1135	532.5	-9999	-9999	11.59841	17.77949	36.2	17.635	0.047665	3.029456	17.5	16673	115465.5	8.082587	200.8693
1136	533.5	-9999	-9999	11.54176	17.71743	36.2	18.673	0.048787	3.030213	17.5	16121	109047.4	7.633316	189.0418
1137	534.5	-9999	-9999	11.5653	17.74501	36.2	19.092	0.048608	3.030213	17.5	14285	96984.11	6.788888	168.391
1138	535.5	-9999	-9999	11.56208	17.71054	36.2	15.969	0.044356	3.030591	17.5	15586	115946.5	8.116257	200.9238
1139	536.5	-9999	-9999	11.57224	17.73812	36.2	18.331	0.046465	3.03097	17.5	14637	103931	7.275171	180.3826
1140	537.5	-9999	-9999	11.5824	17.72433	36.2	16.823	0.045154	3.031348	17.5	13926	101741.7	7.121919	176.4456
1141	538.5	-9999	-9999	11.59256	17.73122	36.2	17.498	0.045753	3.032105	17.5	12042	86803.92	6.076274	150.5983
1142	539.5	-9999	-9999	11.60272	17.80017	36.3	17.674	0.046927	3.032105	17.5	11835	83176.03	5.822322	144.8185
1143	540.5	-9999	-9999	11.61288	17.78638	36.3	18.978	0.049575	3.031727	17.5	14172	94293.37	6.600536	164.0478
1144	541.5	-9999	-9999	11.62304	17.82775	36.3	19.632	0.051754	3.031348	17.5	15212	96962.38	6.787367	169.0835
1145	542.5	-9999	-9999	11.61972	17.77949	36.4	20.69	0.068679	3.032105	17.5	17051	81880.29	5.73162	142.3508
1146	543.5	-9999	-9999	11.72431	17.7657	36.4	54.457	0.11207	3.032105	17.5	17150	50469.47	3.532863	87.67429
1147	544.5	-9999	-9999	11.77505	17.75191	36.4	17.427	0.062708	3.031727	17.5	17247	90719.93	6.350395	157.474
1148	545.5	-9999	-9999	11.75828	17.7657	36.4	19.046	0.049103	3.031348	17.5	19229	129185	9.042948	224.4169
1149	546.5	-9999	-9999	11.71442	17.75191	36.4	18.53	0.049478	3.02832	17.5	20129	134340	9.403798	233.1909
1150	547.5	-9999	-9999	11.72461	17.77259	36.4	19.832	0.051182	3.031348	17.5	21040	135610	9.492702	235.6697
1151	548.5	-9999	-9999	11.76191	17.79328	36.5	19.031	0.04987	3.031727	17.5	22357	147872	10.35104	257.1951
1152	549.5	-9999	-9999	11.74501	17.79328	36.5	17.936	0.047635	3.031727	17.5	22663	156928.5	10.985	272.9473
1153	550.5	-9999	-9999	11.8095	17.90359	36.5	18.013	0.048596	3.040433	17.5	14926	101019.9	7.071395	176.7943
1154	551.5	-9999	-9999	11.7654	18.57238	36.6	20.995	0.054693	3.093429	17.5	12055	71251.24	4.987586	129.3126
1155	552.5	-9999	-9999	11.78919	18.60686	36.6	22.915	0.057666	3.094186	17.5	16078	90109.09	6.307636	163.8409
1156	553.5	-9999	-9999	11.78579	18.57238	36.6	19.041	0.053131	3.09305	17.5	20100	122308.6	8.561604	221.9757
1157	554.5	-9999	-9999	11.83685	18.59996	36.7	22.262	0.05681	3.094186	17.5	22954	130584.1	9.140887	237.27
1158	555.5	-9999	-9999	11.88798	18.60686	36.7	21.652	0.057565	3.09305	17.5	22274	125098.9	8.75692	227.3877
1159	556.5	-9999	-9999	11.89824	18.58617	36.7	22.596	0.057771	3.093429	17.5	21326	119332.4	8.353265	216.665
1160	557.5	-9999	-9999	11.92216	18.59307	36.7	19.901	0.052605	3.093807	17.5	21418	131600.4	9.212028	239.028
1161	558.5	-9999	-9999	11.98711	18.58617	36.7	17.939	0.048709	3.093429	17.5	21071	139841.4	9.788897	253.9021
1162	559.5	-9999	-9999	11.92904	18.59307	36.7	19.584	0.051157	3.093807	17.5	21522	135983.7	9.518859	246.9895
1163	560.5	-9999	-9999	11.99407	18.60686	36.7	20.556	0.053212	3.093807	17.5	22330	135639.3	9.494748	246.5466
1164	561.5	-9999	-9999	12.01809	18.60686	36.7	19.717	0.052384	3.09305	17.5	22430	138435.3	9.690471	251.6288
1165	562.5	-9999	-9999	11.97355	18.61375	36.7	20.209	0.051736	3.09305	17.5	24234	151442.9	10.601	275.3743
1166	563.5	-9999	-9999	11.99756	18.60686	36.7	17.6	0.048345	3.093429	17.5	24689	165086.1	11.55603	300.071
1167	564.5	-9999	-9999	12.02159	18.61375	36.7	19.801	0.050774	3.092672	17.5	12601	80247.87	5.617351	145.9177
1168	565.5	-9999	-9999	12.03189	18.60686	36.7	19.152	0.049323	3.093429	17.5	10137	66438.04	4.650663	120.762
1169	566.5	-9999	-9999	12.04219	18.59307	36.7	16.235	0.044164	3.09305	17.5	14773	108145.8	7.570207	196.4271
1170	567.5	-9999	-9999	12.10759	18.59307	36.7	16.77	0.04386	3.093807	17.5	13491	99420.84	6.959459	180.5797
1171	568.5	-9999	-9999	12.11793	18.60686	36.7	16.853	0.044315	3.09305	17.5	14715	107354	7.514781	195.1335
1172	569.5	-9999	-9999	12.14208	18.62754	36.7	17.025	0.045879	3.09305	17.5	13565	95590.37	6.691326	173.9443
1173	570.5	-9999	-9999	12.15244	18.6896	36.8	19.826	0.051079	3.092293	17.5	16739	105975.3	7.418273	193.4216
1174	571.5	-9999	-9999	12.21809	18.76544	36.8	20.325	0.053749	3.091536	17.5	16305	98124.4	6.868708	179.8192
1175	572.5	-9999	-9999	12.20083	18.73096	36.8	21.625	0.056258	3.091915	17.5	16236	93339.36	6.533755	170.7361
1176	573.5	-9999	-9999	12.21121	18.75165	36.8	21.657	0.056114	3.091915	17.5	15926	91792.25	6.425457	168.0915
1177	574.5	-9999	-9999	12.15231	18.73786	36.8	19.9	0.053339	3.091915	17.5	16289	98768.43	6.91379	180.7334
1178	575.5	-9999	-9999	12.25972	18.78612	36.8	20.559	0.054558	3.091158	17.5	16651	98732.51	6.911276	181.133
1179	576.5	-9999	-9999	12.22848	18.79302	36.8	22.463	0.057628	3.091536	17.5	15970	89638.37	6.274686	164.5094
1180	577.5	-9999	-9999	12.23885	18.77233	36.8	21.2	0.056063	3.091158	17.5	16525	95355.07	6.674855	174.8084
1181	578.5	-9999	-9999	12.24923	18.75854	36.8	20.773	0.054415	3.092293	17.5	18314	108839.1	7.618735	199.3812
1182	579.5	-9999	-9999	12.2596	18.76544	36.8	19.98	0.053067	3.091536	17.5	15990	97465.78	6.822605	178.6122
1183	580.5	-9999	-9999	12.32568	23.99856	36.9	20.5	0.053988	3.562061	17.5	13436	69866.36	4.890645	163.6868
1184	581.5	-9999	-9999	12.35004	24.61909	36.9	21.318	0.055562	3.61695	17.5	12416	61781.8	4.324726	148.4885
1185	582.5	-9999	-9999	12.29071	24.70872	36.9	21.12	0.055043	3.623385	17.5	13897	69679.68	4.877578	168.0802
1186	583.5	-9999	-9999	12.31505	24.69493	36.9	19.908	0.053454	3.623006	17.5	13758	71040.82	4.972857	171.2679
1187	584.5	-9999	-9999	12.29748	24.71561	36.9	21.325	0.054549	3.625278	17.5	13258	67042.62	4.692983	161.7643
1188	585.5	-9999	-9999	12.33582	24.70182	36.9	19.37	0.052761	3.626035	17.5	15376	80371.41	5.625999	193.8166
1189	586.5	-9999	-9999	12.44418	24.71561	36.9	21.689	0.0554	3.62717	17.5	13802	68685.27	4.807969	165.7278
1190	587.5	-9999	-9999	12.42663	24.59151	36.9	20.396	0.054063	3.613543	17.5	13585	69538.3	4.867681	166.9435
1191	588.5	-9999	-9999	12.42305	24.70182	36.9	20.196	0.053298	3.622628	17.5	15283	79154.38	5.540807	190.8817
1192	589.5	-9999	-9999	12.48962	24.66735	36.9	20.541	0.053421	3.623006	17.5	15007	77537.79	5.427645	186.7223

1193	590.5	-9999	-9999	12.55627	24.55014	36.9	19.642	0.052001	3.626413	17.5	15205	80630.28	5.64412	193.2468
1194	591.5	-9999	-9999	12.52463	24.48809	36.9	19.65	0.051656	3.631713	17.5	16365	87233.07	6.106315	208.5433
1195	592.5	-9999	-9999	12.47884	24.57772	36.9	19.73	0.052274	3.633227	17.5	14840	78136.59	5.469561	187.4806
1196	593.5	-9999	-9999	12.47521	24.63288	36.9	20.813	0.054491	3.633984	17.5	15741	79492.09	5.564447	191.161
1197	594.5	-9999	-9999	12.49973	24.68114	36.9	21.464	0.053702	3.635498	17.5	17025	87202.5	6.104175	210.1137
1198	595.5	-9999	-9999	12.52428	24.66046	36.9	15.976	0.045418	3.637769	17.5	11420	69119.23	4.838346	166.4027
1199	596.5	-9999	-9999	12.52061	24.67424	36.9	18.358	0.048773	3.633227	17.5	9825	55445.33	3.881173	133.5578
1200	597.5	-9999	-9999	12.5028	24.70872	36.9	21.978	0.055521	3.633984	17.5	10897	54008.7	3.780609	130.2789
1201	598.5	-9999	-9999	12.52736	24.70182	36.9	20.529	0.053569	3.640041	17.5	11969	61381.67	4.296717	148.0226
1202	599.5	-9999	-9999	12.52364	24.70182	36.9	18.246	0.049506	3.640041	17.5	14353	79648.09	5.575366	192.0723
1203	600.5	-9999	-9999	12.5199	24.68114	36.9	19.549	0.051064	3.637769	17.5	12723	68491.54	4.794407	165.0298
1204	601.5	-9999	-9999	12.51613	24.66046	36.9	20.178	0.053428	3.638526	17.5	13660	70267.3	4.918711	169.1666
1205	602.5	-9999	-9999	12.54071	24.67424	36.9	21.758	0.056646	3.637391	17.5	13099	63573.61	4.450153	153.1373
1206	603.5	-9999	-9999	12.53692	24.68114	36.9	22.158	0.05853	3.637012	17.5	13442	63145.73	4.420201	152.1491
1207	604.5	-9999	-9999	12.53311	24.68114	36.9	23.279	0.06068	3.637391	17.5	13785	62455.66	4.371896	150.4864
1208	605.5	-9999	-9999	12.60038	24.69493	36.8	23.306	0.060676	3.637012	17.5	15347	69544.36	4.868106	167.7143
1209	606.5	-9999	-9999	12.62504	24.70182	36.9	22.068	0.058768	3.637769	17.5	16872	78920.97	5.524468	190.3188
1210	607.5	-9999	-9999	12.55001	24.67424	36.9	22.635	0.055218	3.637769	17.5	15602	77671.46	5.437002	187.0965
1211	608.5	-9999	-9999	12.56038	24.63288	36.8	13.499	0.045409	3.638148	17.5	17516	106025.5	7.421787	255.0504
1212	609.5	-9999	-9999	12.57076	24.50877	36.8	27.074	0.0629	3.624142	17.5	11496	50429.94	3.530096	120.7009
1213	610.5	-9999	-9999	12.56685	24.50877	36.7	21.856	0.060054	3.624899	17.5	12649	58105.87	4.067411	139.1176
1214	611.5	-9999	-9999	12.57721	24.52946	36.7	22.652	0.060905	3.625656	17.5	12295	55678.7	3.897509	133.4189
1215	612.5	-9999	-9999	12.58757	24.55703	36.8	26.63	0.07056	3.626413	17.5	12981	50730.55	3.551139	121.6595
1216	613.5	-9999	-9999	12.58361	24.59151	36.8	31.973	0.08025	3.623006	17.5	13666	47002.9	3.290203	112.8782
1217	614.5	-9999	-9999	12.59396	24.62598	36.7	28.753	0.076883	3.623006	17.5	14740	52917.16	3.704201	127.3006
1218	615.5	-9999	-9999	12.58997	24.59151	36.7	28.6	0.072996	3.623763	17.5	15754	59556.63	4.168964	143.0724
1219	616.5	-9999	-9999	12.58595	24.55703	36.7	23.555	0.065803	3.624899	17.5	15883	66587.24	4.661107	159.7377
1220	617.5	-9999	-9999	12.59628	24.62598	36.7	27.46	0.067804	3.624142	17.5	16014	65168.69	4.561808	156.7736
1221	618.5	-9999	-9999	12.6066	24.61219	36.7	21.455	0.060041	3.625656	17.5	16073	73834.94	5.168446	177.5222
1222	619.5	-9999	-9999	12.60254	24.61219	36.7	23.841	0.060688	3.626413	17.5	14789	67198.1	4.703867	161.5652
1223	620.5	-9999	-9999	12.61286	24.61219	36.7	21.78	0.058502	3.627549	17.5	14093	66408.41	4.648588	159.6665
1224	621.5	-9999	-9999	12.62317	24.62598	36.7	22.644	0.0578	3.627927	17.5	17872	85228.79	5.966016	205.0314
1225	622.5	-9999	-9999	12.70559	24.64667	36.7	19.647	0.054798	3.631334	17.5	19667	98833.36	6.918335	237.9591
1226	623.5	-9999	-9999	12.62936	24.66735	36.7	23.916	0.059741	3.62982	17.5	21100	97302.49	6.811174	234.4698
1227	624.5	-9999	-9999	12.63966	24.68803	36.7	21.125	0.05725	3.629442	17.5	16975	81695.31	5.718672	197.0263
1228	625.5	-9999	-9999	12.69333	24.64667	36.7	22.33	0.057952	3.630577	17.5	16533	78578.61	5.500503	189.1921
1229	626.5	-9999	-9999	12.66026	24.62598	36.7	21.906	0.056156	3.638526	17.5	15292	74841.71	5.23892	180.0436
1230	627.5	-9999	-9999	12.65609	24.5984	36.8	18.294	0.050138	3.629063	17.5	16293	89544.24	6.268097	215.1022
1231	628.5	-9999	-9999	12.72434	24.52946	36.8	19.423	0.050358	3.631713	17.5	12402	67812.78	4.746894	162.4426
1232	629.5	-9999	-9999	12.69117	24.43293	36.8	19.021	0.050703	3.63512	17.5	9385	50919.61	3.564373	121.4957
1233	630.5	-9999	-9999	12.74502	24.48809	36.8	20.287	0.053268	3.633227	17.5	8438	43599.32	3.051953	104.2641
1234	631.5	-9999	-9999	12.69724	24.52946	36.8	21.484	0.056178	3.633227	17.5	9231	45226.04	3.165823	108.337
1235	632.5	-9999	-9999	12.76569	24.57082	36.8	22.076	0.056311	3.632091	17.5	10024	49010.46	3.430732	117.6004
1236	633.5	-9999	-9999	12.73237	24.3364	36.8	18.815	0.05155	3.639662	17.5	10355	55190.1	3.863307	131.165
1237	634.5	-9999	-9999	12.78636	24.32261	36.9	20.393	0.052472	3.640041	17.5	10879	56957.99	3.987059	135.2462
1238	635.5	-9999	-9999	12.75298	24.32261	36.9	19.448	0.051344	3.639662	17.5	10969	58697.43	4.10882	139.3765
1239	636.5	-9999	-9999	12.76328	24.32951	36.9	19.073	0.044808	3.640419	17.5	11773	72174.55	5.052219	171.4264
1240	637.5	-9999	-9999	12.75898	24.39845	36.9	6.591	0.03094	3.640419	17.5	11504	102136.1	7.149529	243.2775
1241	638.5	-9999	-9999	12.76927	24.66735	36.9	25.223	0.05669	3.646097	17.5	8532	41277.72	2.889441	99.40277
1242	639.5	-9999	-9999	12.77956	24.77077	36.9	21.985	0.058655	3.649883	17.5	9916	46318.48	3.242293	112.0093
1243	640.5	-9999	-9999	12.78985	24.72251	36.9	20.792	0.054558	3.646854	17.5	11055	55562.89	3.889402	134.1027
1244	641.5	-9999	-9999	12.78549	24.77767	36.9	19.445	0.053317	3.652911	17.5	12934	66409.53	4.648667	160.639
1245	642.5	-9999	-9999	12.81043	24.7294	36.9	23.192	0.059009	3.646854	17.5	12454	57872.91	4.051104	139.717
1246	643.5	-9999	-9999	12.80605	24.70872	36.9	22.55	0.059485	3.64269	17.5	12383	57147.8	4.000346	137.851
1247	644.5	-9999	-9999	12.87505	24.70182	36.9	22.458	0.058683	3.647611	17.5	13605	63559.31	4.449152	153.274
1248	645.5	-9999	-9999	12.92945	24.67424	36.9	21.637	0.056938	3.646854	17.5	14135	68072.66	4.765086	163.9747
1249	646.5	-9999	-9999	12.8957	24.69493	36.9	21.029	0.056023	3.651018	17.5	13290	64974.54	4.548218	156.6431
1250	647.5	-9999	-9999	12.92074	24.69493	36.9	22.192	0.057956	3.645719	17.5	12594	59604.99	4.172349	143.698
1251	648.5	-9999	-9999	12.91635	24.66735	36.9	22.562	0.058152	3.643826	17.5	13189	62242.76	4.356993	149.8896
1252	649.5	-9999	-9999	12.91193	24.68114	36.9	20.367	0.055392	3.645719	17.5	13902	68841.27	4.818889	165.8725
1253	650.5	-9999	-9999	12.90749	24.69493	36.9	22.473	0.059402	3.648369	17.5	12177	56187.82	3.933147	135.4597
1254	651.5	-9999	-9999	12.9178	24.72251	36.9	25.402	0.064747	3.648747	17.5	13476	57042.12	3.992949	137.6729
1255	652.5	-9999	-9999	12.91332	24.76388	36.9	23.788	0.062202	3.651018	17.5	13476	59339.38	4.153756	143.457
1256	653.5	-9999	-9999	12.92361	24.7294	36.9	21.502	0.057423	3.649504	17.5	13473	64290.12	4.500308	155.2094
1257	654.5	-9999	-9999	12.9339	24.70872	36.9	21.346	0.055806	3.649504	17.5	12575	61744.27	4.322099	148.9386
1258	655.5	-9999	-9999	12.94419	24.70872	36.9	20.562	0.055913	3.648747	17.5	12614	61829.76	4.328083	149.1448
1259	656.5	-9999	-9999	12.98412	24.70872	36.9	24.099	0.060782	3.642312	17.5	14247	64352.97	4.504708	155.2312
1260	657.5	-9999	-9999	13.02411	24.71561	36.9	21.856	0.058336	3.648369	17.5	16092	75608.63	5.292604	182.4329
1261	658.5	-9999	-9999	13.0196	24.70872	36.9	21.705	0.056705	3.648747	17.5	14818	71618.45	5.013292	172.7569
1262	659.5	-9999	-9999	12.98535	24.76388	36.9	20.826	0.055155	3.652154	17.5	13495	66994.61	4.689622	161.9641
1263	660.5	-9999	-9999	12.99564	24.88798	36.9	20.953	0.054939	3.66086	17.5	14135	70280.57	4.91964	170.7596
1264	661.5	-9999	-9999	13.09521	24.8673	36.9	20.83	0.054964	3.661996	17.5	14460	71840.42	5.028829	174.4045
1265	662.5	-9999	-9999	13.13536	24.89488	36.9	21.254	0.054903	3.661617	17.5	14743	73336.37	5.133546	178.2336
1266	663.5	-9999	-9999	13.07122	24.8604	36.9	19.54	0.052004	3.664646	17.5	13378	70197.66	4.913836	170.3692
1267	664.5	-9999	-9999	13.12629	24.79146	36.9	19.352	0.051531	3.668053	17.5	11306	59814.69	4.187029	144.7672
1268	665.5	-9999	-9999	13.18144	24.84661	36.9	20.737	0.048716	3.666538	17.5	10045	56236.47	3.936553	136.4098
1269	666.5	-9999	-9999	13.16195	24.84661	36.8	8.958	0.034471	3.659346	17.5	7195	57039.5	3.992765	138.4023
1270	667.5	-9999	-9999	13.17233	24.7294	36.8	22.155	0.05107	3.644205	17.5	7912	42512.96	2.975907	102.6681
1271	668.5	-9999	-9999	13.1827	24.68803	36.8	19.054	0.052133	3.644583	17.5	9137	48088.97	3.366228	115.9397
1272	669.5	-9999	-9999	13.20804	24.75009	36.8	20.689	0.053291	3.643069	17.5	10891	56097.56	3.926829	135.5879

1273	670.5	-9999	-9999	13.23342	24.78456	36.8	19.896	0.05669	3.641555	17.5	11398	55212.19	3.864853	133.6339
1274	671.5	-9999	-9999	13.24381	24.74319	36.8	29.195	0.068704	3.635498	17.5	9698	38827.04	2.717893	93.81891
1275	672.5	-9999	-9999	13.25421	24.95693	36.8	20.23	0.054612	3.621492	17.5	8083	40869	2.86083	99.60602
1276	673.5	-9999	-9999	13.32469	24.75009	36.8	14.608	0.045108	3.632848	17.5	7192	43888.33	3.072183	106.0782
1277	674.5	-9999	-9999	13.30507	24.78456	36.8	24.355	0.058239	3.63247	17.5	7687	36336.17	2.543532	87.94695
1278	675.5	-9999	-9999	13.31548	24.81903	36.8	20.978	0.054956	3.633984	17.5	9189	46011.82	3.220827	111.5205
1279	676.5	-9999	-9999	13.3259	24.80525	36.8	17.241	0.044799	3.633227	17.5	9645	59257.45	4.148021	143.5446
1280	677.5	-9999	-9999	13.35139	24.75009	36.8	12.369	0.035605	3.63512	17.5	9849	76095.39	5.326677	183.9227
1281	678.5	-9999	-9999	13.36182	24.76388	36.8	14.598	0.039106	3.635498	17.5	8716	61306.82	4.291477	148.2613
1282	679.5	-9999	-9999	13.43262	24.75698	36.8	18.549	0.04832	3.636634	17.5	8567	48752.92	3.412704	117.8688
1283	680.5	-9999	-9999	13.4431	24.81214	36.8	21.559	0.053248	3.633984	17.5	8399	43405.54	3.038388	105.1743
1284	681.5	-9999	-9999	13.4687	24.57772	36.9	16.821	0.048137	3.630199	17.5	8039	46003.54	3.220248	110.3807
1285	682.5	-9999	-9999	13.5397	24.78456	36.9	21.092	0.054052	3.651018	17.5	8590	43527.6	3.046932	105.3189
1286	683.5	-9999	-9999	13.51996	24.77767	36.9	22.255	0.0594	3.651775	17.5	9298	42864.61	3.000523	103.6859
1287	684.5	-9999	-9999	13.59108	24.79146	36.9	25.545	0.064275	3.653668	17.5	10168	43297.77	3.030844	104.7919
1288	685.5	-9999	-9999	13.55615	24.76388	36.9	22.355	0.060172	3.652911	17.5	11039	50221.9	3.515533	121.4149
1289	686.5	-9999	-9999	13.64255	24.68114	36.9	22.456	0.058488	3.656318	17.5	11129	52041.41	3.642899	125.3934
1290	687.5	-9999	-9999	13.69869	24.63977	36.9	21.394	0.056979	3.656696	17.5	9183	44074.14	3.08519	106.0183
1291	688.5	-9999	-9999	13.64852	24.72251	36.9	22.095	0.057789	3.655182	17.5	9493	44941.94	3.145935	108.4687
1292	689.5	-9999	-9999	13.6743	24.7294	36.9	22.203	0.058	3.653668	17.5	9175	43296	3.03072	104.5254
1293	690.5	-9999	-9999	13.74577	24.75698	36.9	21.553	0.056788	3.653668	17.5	9436	45478.34	3.183484	109.9164
1294	691.5	-9999	-9999	13.81734	24.77077	36.9	21.276	0.055333	3.654047	17.5	9741	48177.91	3.372453	116.5058
1295	692.5	-9999	-9999	13.78228	24.79835	36.9	19.711	0.051739	3.652911	17.5	10686	56540.7	3.957849	136.8813
1296	693.5	-9999	-9999	13.73189	24.76388	36.9	18.04	0.042098	3.649504	17.5	10733	69860.18	4.890213	168.8918
1297	694.5	-9999	-9999	13.81883	24.66735	36.9	4.271	0.020446	3.643826	17.5	10150	136239.5	9.536762	328.0845
1298	695.5	-9999	-9999	13.92118	25.10861	36.8	11.57	0.03164	3.652911	17.5	8646	74805.54	5.236388	183.4243
1299	696.5	-9999	-9999	13.94719	25.22583	36.7	21.709	0.052346	3.654047	17.5	10416	54455.75	3.811903	134.1929
1300	697.5	-9999	-9999	13.94263	25.23272	36.7	21.141	0.054112	3.656318	17.5	11105	56127.86	3.92895	138.3512
1301	698.5	-9999	-9999	13.95335	25.23962	36.7	17.308	0.048071	3.658589	17.5	10480	59588.19	4.171174	146.9209
1302	699.5	-9999	-9999	14.0867	25.23962	36.7	19.412	0.047858	3.660103	17.5	11991	68455.04	4.791853	168.783
1303	700.5	-9999	-9999	14.03616	25.19825	36.7	14.342	0.042424	3.660482	17.5	13584	87474.1	6.123187	215.3229
1304	701.5	-9999	-9999	14.01623	25.24651	36.6	20.107	0.04951	3.66086	17.5	12353	68154.36	4.770805	168.1418
1305	702.5	-9999	-9999	13.90407	25.19135	36.6	18.301	0.047994	3.663132	17.5	10309	58637.76	4.104643	144.3476
1306	703.5	-9999	-9999	13.97623	25.06035	36.6	16.297	0.045147	3.649126	17.5	7138	43327.07	3.032895	106.1029
1307	704.5	-9999	-9999	14.00231	24.88798	36.5	19.617	0.049519	3.631713	17.5	6804	37834.17	2.648392	92.04385
1308	705.5	-9999	-9999	14.16702	24.91556	36.5	18.325	0.049419	3.63247	17.5	9430	52531.22	3.677186	127.9408
1309	706.5	-9999	-9999	14.17785	24.90867	36.5	19.945	0.052161	3.63247	17.5	11992	63291.04	4.430373	154.1039
1310	707.5	-9999	-9999	14.2041	24.92935	36.5	21.02	0.054246	3.63247	17.5	11825	60010.74	4.200752	146.2382
1311	708.5	-9999	-9999	14.21494	24.95693	36.5	19.862	0.051868	3.627549	17.5	11524	61248.04	4.287362	149.4185
1312	709.5	-9999	-9999	14.11766	24.94314	36.5	17.987	0.048319	3.631713	17.5	12919	73620.82	5.153457	179.5034
1313	710.5	-9999	-9999	14.14388	24.92935	36.5	18.54	0.04778	3.63247	17.5	11308	65153.09	4.560716	158.7694
1314	711.5	-9999	-9999	14.17012	24.97072	36.5	16.973	0.044644	3.632848	17.5	12044	74261.21	5.198284	181.265
1315	712.5	-9999	-9999	14.21187	24.95004	36.5	15.525	0.042256	3.632848	17.5	12830	83578.42	5.850489	203.8385
1316	713.5	-9999	-9999	14.20719	24.97761	36.5	17.43	0.044107	3.632848	17.5	13293	82959.07	5.807135	202.5516
1317	714.5	-9999	-9999	14.18697	24.95004	36.5	15.487	0.04189	3.633605	17.5	12483	82011.47	5.740803	200.0169
1318	715.5	-9999	-9999	14.21326	24.96382	36.5	16.289	0.042163	3.634363	17.5	13154	85841.04	6.008873	209.4725
1319	716.5	-9999	-9999	14.28616	24.92935	36.5	15.649	0.041355	3.634741	17.5	11162	74258.32	5.198083	180.9577
1320	717.5	-9999	-9999	14.26591	24.90867	36.5	15.56	0.040624	3.635877	17.5	10811	73193.41	5.123539	178.2146
1321	718.5	-9999	-9999	14.29227	24.92246	36.5	14.888	0.039511	3.635877	17.5	10159	70717.55	4.950228	172.2816
1322	719.5	-9999	-9999	14.30309	24.82593	36.5	15.122	0.040088	3.638905	17.5	9478	64972.41	4.548069	157.6723
1323	720.5	-9999	-9999	14.32948	24.8604	36.5	16.177	0.040633	3.637769	17.5	7761	52504.86	3.67534	127.5935
1324	721.5	-9999	-9999	14.30914	24.89488	36.5	12.968	0.039418	3.636634	17.5	7741	54001.33	3.780093	131.4121
1325	722.5	-9999	-9999	14.31995	24.94314	36.5	21.973	0.04925	3.635498	17.5	7969	44507.75	3.115542	108.5195
1326	723.5	-9999	-9999	14.31514	25.08104	36.5	11.616	0.038508	3.633984	17.5	7470	53380.42	3.73663	130.8725
1327	724.5	-9999	-9999	14.32594	25.10172	36.4	19.508	0.049656	3.646097	17.5	7125	39353.54	2.754748	96.59363
1328	725.5	-9999	-9999	14.35237	25.18446	36.4	23.756	0.05953	3.652911	17.5	7709	35450.51	2.481536	87.30042
1329	726.5	-9999	-9999	14.34753	25.37751	36.4	21.422	0.057974	3.66351	17.5	8947	42125.43	2.94878	104.5333
1330	727.5	-9999	-9999	14.31135	25.43267	36.4	22.957	0.060615	3.66616	17.5	10422	46898.48	3.282893	116.6304
1331	728.5	-9999	-9999	14.30644	25.53609	36.4	25.182	0.065235	3.669567	17.5	11471	47918.74	3.354311	119.6523
1332	729.5	-9999	-9999	14.30151	25.61883	36.4	25.298	0.065369	3.669945	17.5	11511	47982.64	3.358785	120.2
1333	730.5	-9999	-9999	14.35933	25.61883	36.4	22.914	0.061023	3.671459	17.5	11550	51552.69	3.608688	129.1433
1334	731.5	-9999	-9999	14.3701	25.63951	36.4	22.409	0.058649	3.671081	17.5	12203	56677.6	3.967432	142.0962
1335	732.5	-9999	-9999	14.38087	25.67398	36.4	21.392	0.056333	3.671081	17.5	12340	59670.11	4.176908	149.7998
1336	733.5	-9999	-9999	14.37591	25.70156	36.4	20.676	0.054271	3.668431	17.5	12705	63815.75	4.467102	160.3794
1337	734.5	-9999	-9999	14.38668	25.70846	36.4	19.847	0.053248	3.668053	17.5	12178	62350.14	4.36451	156.7381
1338	735.5	-9999	-9999	14.39744	25.71535	36.4	21.543	0.055765	3.667296	17.5	10225	49998.11	3.499868	125.7208
1339	736.5	-9999	-9999	14.4082	25.73604	36.4	21.337	0.056602	3.668053	17.5	8272	39842.16	2.788951	100.2642
1340	737.5	-9999	-9999	14.43473	25.74983	36.4	22.376	0.054301	3.667674	17.5	6321	31738.79	2.221716	79.91456
1341	738.5	-9999	-9999	14.42972	25.24651	36.3	13.17	0.041436	3.409888	17.5	4368	30915	2.16405	76.3435
1342	739.5	-9999	-9999	14.44048	25.06725	36.3	19.574	0.048055	3.413674	17.5	7099	43274.71	3.029229	106.1066
1343	740.5	-9999	-9999	14.45124	25.06035	36.3	18.282	0.049902	3.637012	17.5	6305	34739.57	2.43177	85.15557
1344	741.5	-9999	-9999	14.50947	25.09483	36.3	21.263	0.055183	3.637391	17.5	7842	39069	2.73483	95.89986
1345	742.5	-9999	-9999	14.52026	25.1293	36.3	22.692	0.057482	3.636255	17.5	7319	35016.09	2.451126	86.06955
1346	743.5	-9999	-9999	14.53106	25.10861	36.3	19.245	0.052991	3.636634	17.5	7313	37948.48	2.656394	93.2006
1347	744.5	-9999	-9999	14.46256	25.13619	36.2	21.348	0.055562	3.636255	17.5	11185	55361.31	3.875292	136.1594
1348	745.5	-9999	-9999	14.55265	25.14998	36.3	22.254	0.059393	3.635877	17.5	10247	47451.74	3.321622	116.7324
1349	746.5	-9999	-9999	14.57933	25.14309	36.3	25.277	0.065188	3.603322	17.5	12326	52475.05	3.673253	129.0545
1350	747.5	-9999	-9999	14.60603	25.10861	36.3	25.513	0.065776	3.566982	17.5	14405	61396.82	4.297778	150.7892
1351	748.5	-9999	-9999	14.63275	25.10172	36.3	22.889	0.061565	3.629063	17.5	13052	58418.41	4.089289	143.4349
1352	749.5	-9999	-9999	14.69133	25.07414	36.3	23.532	0.062296	3.629442	17.5	15640	69172.92	4.842105	169.6538

1353	750.5	-9999	-9999	14.7022	25.09483	36.3	25.254	0.082057	3.628306	17.5	14594	49017.83	3.431248	120.3206
1354	751.5	-9999	-9999	14.68119	25.23272	35.7	62.853	0.131233	3.623006	17.5	9646	20287.75	1.420143	50.16981
1355	752.5	-9999	-9999	14.69203	26.10835	33.6	23.043	0.076315	3.520422	17.5	8703	32394.02	2.267581	83.45489
1356	753.5	-9999	-9999	14.65498	26.14283	33.6	19.262	0.053878	3.619978	17.5	9259	47472.95	3.323107	122.4634
1357	754.5	-9999	-9999	14.74567	26.12904	33.5	22.955	0.058887	3.619221	17.5	9343	43838.23	3.068676	113.0643
1358	755.5	-9999	-9999	14.75653	26.13593	33.5	23.403	0.059619	3.619221	17.5	9735	45116.61	3.158163	116.3921
1359	756.5	-9999	-9999	14.7514	26.11525	33.5	19.59	0.054884	3.618842	17.5	6976	35123.06	2.458614	90.53896
1360	757.5	-9999	-9999	14.6822	25.73604	33.5	23.58	0.058656	3.598023	17.5	6268	29699.7	2.078979	75.44713
1361	758.5	-9999	-9999	14.69299	25.69467	33.5	20.048	0.054508	3.600294	17.5	6401	32617.59	2.283232	82.72637
1362	759.5	-9999	-9999	14.68776	25.71535	33.5	20.712	0.054672	3.600672	17.5	8863	45022.84	3.151599	114.2811
1363	760.5	-9999	-9999	14.66645	25.70156	33.5	21.963	0.05784	3.600672	17.5	7997	38398.65	2.687906	97.41471
1364	761.5	-9999	-9999	14.69326	25.71535	33.5	23.53	0.057688	3.601051	17.5	9801	47180.14	3.30261	119.757
1365	762.5	-9999	-9999	14.68797	25.58435	33.6	15.663	0.044956	3.603322	17.5	10010	61793.53	4.325547	156.0001
1366	763.5	-9999	-9999	14.66656	25.54298	33.6	16.488	0.043362	3.641555	17.5	5383	34089.95	2.386296	85.9222
1367	764.5	-9999	-9999	14.6773	26.30141	33.6	17.415	0.045943	3.669188	17.5	7245	42978.29	3.00848	111.5413
1368	765.5	-9999	-9999	14.72025	26.21178	33.6	18.776	0.046736	3.663132	17.5	7971	46560.01	3.259201	120.4251
1369	766.5	-9999	-9999	14.74713	26.08078	33.6	14.215	0.040716	3.664646	17.5	8230	55157.66	3.861036	141.9495
1370	767.5	-9999	-9999	14.74177	26.09456	33.7	17.35	0.045983	3.664646	17.5	9029	53580.62	3.750644	137.9189
1371	768.5	-9999	-9999	14.65569	26.10146	33.7	21.401	0.055348	3.663889	17.5	7968	39291.79	2.750425	101.1655
1372	769.5	-9999	-9999	14.65022	26.08767	33.7	23.45	0.060697	3.661239	17.5	9007	40530.48	2.837134	104.2997
1373	770.5	-9999	-9999	14.6609	26.08767	33.7	23.419	0.063299	3.659346	17.5	8361	36095.76	2.526703	92.88751
1374	771.5	-9999	-9999	14.83334	26.09456	33.7	27.436	0.071117	3.66086	17.5	9346	35898.15	2.51287	92.40341
1375	772.5	-9999	-9999	14.90889	26.10146	33.8	29.252	0.074531	3.661996	17.5	10331	37852.09	2.649647	97.42694
1376	773.5	-9999	-9999	14.88733	26.08078	33.8	25.768	0.070399	3.661996	17.5	10443	40507.84	2.835549	104.1799
1377	774.5	-9999	-9999	14.86573	26.08767	33.8	28.453	0.071928	3.661617	17.5	11483	43599.59	3.051971	112.161
1378	775.5	-9999	-9999	14.89274	26.11525	33.8	24.689	0.067371	3.661996	17.5	11023	44679.57	3.12757	115.0608
1379	776.5	-9999	-9999	14.90355	26.13593	33.8	26.652	0.068683	3.662375	17.5	10562	41988.96	2.939227	108.2175
1380	777.5	-9999	-9999	14.94685	26.12904	33.8	25.56	0.067209	3.662375	17.5	11302	45916.42	3.21415	118.3085
1381	778.5	-9999	-9999	14.7951	26.11525	33.8	24.598	0.064432	3.661617	17.5	10448	44285.18	3.099963	114.0452
1382	779.5	-9999	-9999	15.01733	26.10835	33.9	23.197	0.061185	3.663889	17.5	10017	44683.68	3.127857	115.0036
1383	780.5	-9999	-9999	15.09332	26.10835	33.9	22.348	0.059323	3.663889	17.5	10329	47521.83	3.326528	122.3082
1384	781.5	-9999	-9999	15.00647	26.0463	34	22.892	0.058671	3.654425	17.5	8805	41066.43	2.87465	105.4082
1385	782.5	-9999	-9999	15.08254	25.99804	34.1	20.076	0.055359	3.646854	17.5	6748	33424.81	2.339737	85.60707
1386	783.5	-9999	-9999	15.14238	26.02562	34.2	23.232	0.063743	3.646476	17.5	8978	38625.58	2.703791	98.99993
1387	784.5	-9999	-9999	15.13697	26.03251	34.2	32.571	0.078571	3.643826	17.5	8995	31418.09	2.199267	80.54799
1388	785.5	-9999	-9999	15.16423	26.00493	34.2	25.924	0.070669	3.644205	17.5	9013	34997.54	2.449828	89.62972
1389	786.5	-9999	-9999	15.1915	25.97735	34.2	25.126	0.066085	3.644583	17.5	9587	39804.5	2.786315	101.8324
1390	787.5	-9999	-9999	15.21881	25.97046	34.3	24.496	0.065113	3.644205	17.5	10530	44377.06	3.106394	113.4634
1391	788.5	-9999	-9999	15.29526	25.97046	34.3	25.594	0.066476	3.644205	17.5	10568	43623.97	3.053678	111.5379
1392	789.5	-9999	-9999	15.2407	25.99114	34.3	24.945	0.066116	3.643448	17.5	10759	44663.46	3.126442	114.2866
1393	790.5	-9999	-9999	15.21885	25.94978	34.3	25.621	0.066664	3.644205	17.5	10949	45069.06	3.154834	115.1409
1394	791.5	-9999	-9999	15.36107	25.97735	34.4	24.818	0.062725	3.641555	17.5	9004	39419.09	2.759336	100.7808
1395	792.5	-9999	-9999	15.35567	25.9153	34.4	18.358	0.052266	3.644205	17.5	9637	50596.17	3.541732	129.0477
1396	793.5	-9999	-9999	15.39954	25.92909	34.4	21.115	0.055943	3.644205	17.5	8673	42542.25	2.977958	108.5635
1397	794.5	-9999	-9999	15.44347	25.93599	34.4	24.944	0.063165	3.64269	17.5	10051	43682.62	3.057784	111.5033
1398	795.5	-9999	-9999	15.52036	25.88772	34.5	23.365	0.062291	3.644205	17.5	9401	41414	2.89898	105.4814
1399	796.5	-9999	-9999	15.51499	25.90841	34.5	23.855	0.062093	3.643826	17.5	9793	43282.87	3.029801	110.3295
1400	797.5	-9999	-9999	15.5096	25.94978	34.5	23.022	0.060391	3.644205	17.5	11469	52113.61	3.647952	133.0515
1401	798.5	-9999	-9999	15.57016	25.9153	34.5	21.977	0.057895	3.643826	17.5	11102	52626.6	3.683862	134.1827
1402	799.5	-9999	-9999	15.56476	25.9222	34.6	21.289	0.057462	3.643826	17.5	10865	51891.3	3.632391	132.3001
1403	800.5	-9999	-9999	15.52631	25.93599	34.6	24.097	0.062135	3.642312	17.5	10628	46961.45	3.287301	119.7949
1404	801.5	-9999	-9999	15.47126	25.97735	34.6	24.225	0.06329	3.643069	17.5	12375	53671.7	3.757019	137.1305
1405	802.5	-9999	-9999	15.48228	25.95667	34.6	23.543	0.061608	3.643069	17.5	13829	61615.21	4.313065	157.3008
1406	803.5	-9999	-9999	15.52641	25.95667	34.7	22.302	0.058432	3.644583	17.5	15169	71229.37	4.986056	181.7862
1407	804.5	-9999	-9999	15.57058	25.97046	34.7	20.695	0.053297	3.644205	17.5	15392	79247.57	5.54733	202.3571
1408	805.5	-9999	-9999	15.58165	25.93599	34.7	16.638	0.047576	3.646476	17.5	15304	88214.8	6.175036	224.9557
1409	806.5	-9999	-9999	15.54295	25.93599	34.8	21.407	0.054458	3.646854	17.5	14570	73363.67	5.135457	187.0233
1410	807.5	-9999	-9999	15.52078	25.92909	34.8	22.104	0.058234	3.645719	17.5	11507	54200.81	3.794056	138.1353
1411	808.5	-9999	-9999	15.53179	25.90841	34.8	23.17	0.058826	3.647611	17.5	11719	54615.52	3.823086	139.0812
1412	809.5	-9999	-9999	15.59267	25.86014	34.9	19.561	0.053903	3.647611	17.5	11476	58367.68	4.085738	148.3113
1413	810.5	-9999	-9999	15.5538	26.14972	35	21.688	0.056239	3.655561	17.5	11300	54965.03	3.847552	141.1833
1414	811.5	-9999	-9999	15.61475	26.46688	35.2	22.125	0.059348	3.655939	17.5	8406	38741.97	2.711938	100.6543
1415	812.5	-9999	-9999	15.72575	26.20488	35.3	25.351	0.06471	3.632091	17.5	9767	41556.17	2.908932	106.8624
1416	813.5	-9999	-9999	15.63684	26.09456	35.3	24.254	0.063817	3.633605	17.5	11860	51145.67	3.580197	130.9683
1417	814.5	-9999	-9999	15.64788	26.06009	35.3	23.378	0.063351	3.633227	17.5	15674	68097.54	4.766827	174.1464
1418	815.5	-9999	-9999	15.69231	26.06009	35.4	26.915	0.068275	3.63247	17.5	16485	66469.74	4.652882	169.9286
1419	816.5	-9999	-9999	15.72008	26.02562	35.4	24.888	0.066989	3.633984	17.5	17037	69985.08	4.898956	178.6788
1420	817.5	-9999	-9999	15.69773	26.00493	35.4	26.522	0.070215	3.634363	17.5	16930	66343.19	4.644023	169.2461
1421	818.5	-9999	-9999	15.65859	26.03251	35.4	29.381	0.074937	3.634363	17.5	16822	61766.92	4.323685	157.7388
1422	819.5	-9999	-9999	15.73658	25.97046	35.5	27.093	0.071715	3.635877	17.5	16984	65136.27	4.559539	165.8931
1423	820.5	-9999	-9999	15.7979	25.99114	35.5	26.028	0.06587	3.634741	17.5	14575	60876.2	4.261334	155.1667
1424	821.5	-9999	-9999	15.90959	26.06009	35.7	19.228	0.054685	3.654425	17.5	9031	45190.24	3.163317	115.4157
1425	822.5	-9999	-9999	15.88721	26.09456	35.8	21.95	0.057295	3.665024	17.5	7678	36564.23	2.559496	93.47819
1426	823.5	-9999	-9999	15.64654	26.10146	35.9	23.821	0.062495	3.665024	17.5	10083	44021.56	3.081509	112.5365
1427	824.5	-9999	-9999	15.62391	26.12214	35.9	25.492	0.065001	3.665024	17.5	12578	52797.46	3.695822	135.0782
1428	825.5	-9999	-9999	15.65167	26.11525	36	22.66	0.061593	3.665024	17.5	13013	57646.12	4.035229	147.3965
1429	826.5	-9999	-9999	15.7131	26.10146	36	24.533	0.06196	3.664267	17.5	14468	63725.21	4.460765	162.8542
1430	827.5	-9999	-9999	15.82511	26.08078	36	20.711	0.057003	3.665403	17.5	14391	68876.95	4.821386	175.8803
1431	828.5	-9999	-9999	15.88672	26.11525	36.1	22.805	0.060173	3.66616	17.5	14314	64885.69	4.541998	165.8538
1432	829.5	-9999	-9999	15.96525	26.11525	36.1	25.491	0.065261	3.66881	17.5	13957	58292.65	4.080486	149.0014

1433	830.5	-9999	-9999	15.84144	26.11525	36.1	24.273	0.063899	3.668053	17.5	13519	57678.51	4.037496	147.4316
1434	831.5	-9999	-9999	15.76808	26.16351	36.2	23.349	0.061292	3.666917	17.5	14020	62380.07	4.366605	159.6922
1435	832.5	-9999	-9999	15.98181	26.15662	36.2	22.308	0.059587	3.667296	17.5	13418	61403.11	4.298218	157.1498
1436	833.5	-9999	-9999	16.00985	26.17041	36.3	23.503	0.062107	3.667674	17.5	14753	64765.91	4.533614	165.7901
1437	834.5	-9999	-9999	16.021	26.19799	36.3	25.52	0.065042	3.666917	17.5	14944	62657.36	4.386015	160.5615
1438	835.5	-9999	-9999	16.09987	26.27383	36.3	22.959	0.060267	3.674109	17.5	15133	68343.39	4.784037	175.6392
1439	836.5	-9999	-9999	16.128	26.27383	36.4	20.28	0.055807	3.671459	17.5	15015	73282.27	5.129759	188.271
1440	837.5	-9999	-9999	16.15616	26.28762	36.4	23.372	0.059707	3.674488	17.5	15529	70781.29	4.95469	181.9411
1441	838.5	-9999	-9999	16.18435	26.28762	36.4	22.591	0.059675	3.672974	17.5	14940	68161.68	4.771318	175.2075
1442	839.5	-9999	-9999	16.21256	26.1842	36.5	22.549	0.058914	3.658589	17.5	16053	74477.89	5.213452	190.6284
1443	840.5	-9999	-9999	16.20681	25.97046	36.7	21.759	0.05713	3.631713	17.5	11480	55330.59	3.873142	140.3736
1444	841.5	-9999	-9999	16.13304	25.96356	36.7	20.888	0.055513	3.630956	17.5	8915	44229.16	3.096041	112.1795
1445	842.5	-9999	-9999	16.14953	25.99804	36.7	21.468	0.056765	3.631713	17.5	12825	62210.32	4.354722	157.9951
1446	843.5	-9999	-9999	16.16603	26.0463	36.8	22.88	0.058913	3.635498	17.5	14430	67374.2	4.716194	171.3721
1447	844.5	-9999	-9999	16.18253	25.97046	36.8	21.556	0.057029	3.626413	17.5	14416	69706.3	4.879441	176.7877
1448	845.5	-9999	-9999	16.19904	25.94978	36.8	21.138	0.054917	3.625656	17.5	13464	67621.25	4.733488	171.363
1449	846.5	-9999	-9999	16.21556	26.01183	36.8	19.31	0.053823	3.634363	17.5	12944	66171.85	4.63203	168.091
1450	847.5	-9999	-9999	16.23208	25.97046	36.9	24.542	0.061603	3.629442	17.5	14296	63940.55	4.475838	162.1124
1451	848.5	-9999	-9999	16.24862	25.99804	36.9	23.209	0.061265	3.627927	17.5	14096	63419.44	4.439361	160.962
1452	849.5	-9999	-9999	16.26516	25.97046	37	22.539	0.060496	3.627927	17.5	14332	65301.25	4.571087	165.5089
1453	850.5	-9999	-9999	16.2817	25.99804	37	24.795	0.062264	3.629442	17.5	15774	69801.4	4.886098	177.1026
1454	851.5	-9999	-9999	16.29826	25.97735	37	20.479	0.053705	3.628684	17.5	16735	85873.86	6.01117	217.7089
1455	852.5	-9999	-9999	16.31482	25.96356	37	15.94	0.04592	3.631713	17.5	14633	87744.93	6.142145	222.3344
1456	853.5	-9999	-9999	16.33139	25.99804	37	20.632	0.051052	3.63247	17.5	14953	80633.06	5.644314	204.5851
1457	854.5	-9999	-9999	16.34797	26.00493	37	18.124	0.048632	3.631713	17.5	13363	75660.78	5.296255	192.0201
1458	855.5	-9999	-9999	16.36455	26.02562	37	17.937	0.046561	3.634741	17.5	12780	75514.9	5.286043	191.8023
1459	856.5	-9999	-9999	16.38114	26.06009	37	16.464	0.04269	3.636634	17.5	13024	83890.66	5.872346	213.3584
1460	857.5	-9999	-9999	16.39774	26.03941	37.1	13.703	0.022492	3.635498	12.25	13637	166772.6	11.67408	423.6781
1461	858.5	-9999	-9999	16.32297	22.92298	33.9	33.555	0.038701	2.986681	12.25	5489	47487.35	3.324115	107.3079
1462	859.5	-9999	-9999	16.33415	22.92987	33.9	32.456	0.041669	2.987438	12.25	6419	51565.17	3.609562	116.5577
1463	860.5	-9999	-9999	16.44866	22.92298	33.9	30.831	0.039471	2.985924	12.25	6419	54464.73	3.812531	123.0748
1464	861.5	-9999	-9999	16.52885	23.35735	34.8	28.184	0.03757	3.005608	12.25	6419	56844.52	3.979116	130.504
1465	862.5	-9999	-9999	16.48839	23.44008	35	31.541	0.039777	3.009772	12.25	7350	61394.15	4.297591	141.3566
1466	863.5	-9999	-9999	16.48239	23.43319	35	31.042	0.041137	3.006365	12.25	8280	66950.81	4.686557	154.1051
1467	864.5	-9999	-9999	16.47636	23.45387	35	36.022	0.044336	3.005229	12.25	7350	55163.62	3.861453	127.0858
1468	865.5	-9999	-9999	16.53944	23.43319	35	31.511	0.042143	3.001822	12.25	7350	58100	4.067	133.7326
1469	866.5	-9999	-9999	16.49882	23.44698	35	34.354	0.043972	3.001444	12.25	7350	55691.08	3.898376	128.2633
1470	867.5	-9999	-9999	16.52736	23.48835	35	36.015	0.045952	3.002201	12.25	7350	53277.32	3.729413	122.9206
1471	868.5	-9999	-9999	16.48665	23.51593	34.9	35.759	0.045986	3.001444	12.25	7350	53251.23	3.727586	123.0446
1472	869.5	-9999	-9999	16.56718	23.55729	35	35.281	0.045387	2.99993	12.25	6419	47143.66	3.300056	109.0884
1473	870.5	-9999	-9999	16.63046	23.5504	35	34.657	0.043666	2.99993	12.25	6419	49001.43	3.4301	113.354
1474	871.5	-9999	-9999	16.60704	23.57798	35	29.611	0.037472	2.998794	12.25	6419	57123.41	3.998639	132.2972
1475	872.5	-9999	-9999	16.60094	23.59177	35	21.548	0.030038	2.998794	12.25	5489	60935.27	4.265469	141.2079
1476	873.5	-9999	-9999	16.6122	23.61935	35	24.2	0.029932	2.998037	12.25	5489	61166.49	4.281654	141.9094
1477	874.5	-9999	-9999	16.62345	23.61245	35	21.161	0.029023	2.998794	12.25	6419	73752.3	5.162661	171.0592
1478	875.5	-9999	-9999	16.63471	23.60556	35	26.427	0.033215	2.99993	12.25	6419	64419.84	4.509389	149.3701
1479	876.5	-9999	-9999	16.64596	23.61245	35	27.94	0.035469	2.999551	12.25	7350	69085.39	4.835977	160.2349
1480	877.5	-9999	-9999	16.65722	23.57108	35	27.125	0.035401	3.000308	12.25	7350	69199.4	4.843958	160.2181
1481	878.5	-9999	-9999	16.68591	23.57108	35	28.558	0.036271	3.001065	12.25	7350	67523.7	4.726659	156.3384
1482	879.5	-9999	-9999	16.73207	23.55729	35	27.693	0.033903	3.002201	12.25	6419	63065.46	4.414582	145.9308
1483	880.5	-9999	-9999	16.70844	23.5435	35	18.684	0.026163	3.002958	12.25	6419	81701.1	5.719077	188.9421
1484	881.5	-9999	-9999	16.71971	23.50903	35	19.512	0.026152	3.003336	12.25	6419	81724.98	5.720749	188.7206
1485	882.5	-9999	-9999	16.78342	23.48835	35.1	25.158	0.030724	3.004093	12.25	6419	69546.69	4.868268	160.405
1486	883.5	-9999	-9999	16.81222	23.48145	35.1	23.054	0.029586	3.004851	12.25	6419	72203.56	5.054249	166.484
1487	884.5	-9999	-9999	16.82353	23.43319	35.1	20.52	0.027056	3.004093	12.25	6419	78975.33	5.528273	181.7238
1488	885.5	-9999	-9999	16.78229	23.4194	35.1	20.968	0.027732	3.002958	12.25	6419	77078.57	5.3955	177.2549
1489	886.5	-9999	-9999	16.74098	23.48835	35.1	24.862	0.030994	3.008636	12.25	6419	68836	4.81852	158.7658
1490	887.5	-9999	-9999	16.78731	23.48145	35.1	24.042	0.031109	3.009393	12.25	7350	78510.34	5.495724	181.0259
1491	888.5	-9999	-9999	16.76347	23.48145	35.1	23.961	0.03008	3.009772	12.25	6419	70901.87	4.963131	163.4826
1492	889.5	-9999	-9999	16.70445	23.44698	35.1	20.31	0.027674	3.008636	12.25	5489	65924.56	4.614719	151.783
1493	890.5	-9999	-9999	16.68049	23.97098	35.2	23.783	0.029403	3.032484	12.25	7350	82432.37	5.770266	193.9687
1494	891.5	-9999	-9999	16.70925	23.99856	35.2	21.599	0.032049	3.032862	12.25	7350	75616.94	5.293186	178.1363
1495	892.5	-9999	-9999	16.66764	24.00545	35.2	39.195	0.046175	3.032862	12.25	7350	52483.84	3.673869	123.6755
1496	893.5	-9999	-9999	16.62595	24.01235	35.3	36.834	0.0445	3.03362	12.25	8280	61335.16	4.293461	144.5278
1497	894.5	-9999	-9999	16.61944	24.01235	35.2	20.874	0.03229	3.03362	12.25	8280	84527.49	5.916925	199.2419
1498	895.5	-9999	-9999	16.64818	24.03303	35.3	30.168	0.036487	3.03362	12.25	8280	74804.3	5.236301	176.4178
1499	896.5	-9999	-9999	16.80047	24.02614	35.3	28.514	0.038667	3.033998	12.25	8280	70579.53	4.940567	166.4064
1500	897.5	-9999	-9999	16.88231	24.03303	35.3	35.993	0.04434	3.032484	12.25	8280	61579.02	4.310532	145.2274
1501	898.5	-9999	-9999	16.89357	24.03303	35.3	34.175	0.044976	3.034377	12.25	8280	60671.04	4.246973	143.086
1502	899.5	-9999	-9999	16.78104	24.03303	35.3	36.93	0.045195	3.033998	12.25	8280	60384.21	4.226895	142.4096
1503	900.5	1502.34	899.84	16.68605	24.04682	35.3	28.75	0.038988	3.032862	12.25	7350	62158.56	4.351099	146.6783
1504	901.5	1503.34	900.84	16.69715	24.03303	35.3	29.786	0.035789	3.03362	12.25	7350	67698.94	4.738926	159.6606
1505	902.5	1504.34	901.84	16.63738	24.03303	35.3	18.909	0.028558	3.030591	12.25	7350	84923.59	5.944652	200.283
1506	903.5	1505.388	902.888	16.75481	24.03993	35.3	27.682	0.032773	3.035134	12.25	7350	73891.33	5.172393	174.3146
1507	904.5	1506.436	903.936	16.80142	24.01924	35.3	23.111	0.032936	3.034377	12.25	7350	73544.8	5.148136	173.3479
1508	905.5	1507.483	904.983	16.86583	24.05372	35.4	33.38	0.040208	3.034377	12.25	7350	60242.52	4.216976	142.1516
1509	906.5	1508.531	906.031	16.93031	24.03303	35.4	30.771	0.039951	3.034377	12.25	7350	60629.78	4.244085	142.9424
1510	907.5	1509.579	907.079	16.94153	24.03993	35.4	29.741	0.039083	3.035134	12.25	7350	61962.01	4.337341	146.1252
1511	908.5	1510.627	908.127	16.95275	24.03993	35.4	32.421	0.040707	3.034755	12.25	7350	59496.54	4.164758	140.3109
1512	909.5	1511.674	909.174	17.07078	23.96408	35.4	30.303	0.039457	3.031348	12.25	7350	61450.38	4.301526	144.4614

1513	910.5	1512.722	910.222	17.11769	24.03303	35.4	30.269	0.039626	3.033998	12.25	7350	61134.75	4.279433	144.1329
1514	911.5	1513.77	911.27	17.11118	24.03303	35.4	33.311	0.042461	3.034755	12.25	7350	57039.43	3.99276	134.4777
1515	912.5	1514.818	912.318	17.14032	24.05372	35.4	34.388	0.042614	3.034755	12.25	7350	56834.95	3.978447	134.1109
1516	913.5	1515.865	913.365	17.15554	24.04682	35.4	27.75	0.038417	3.035512	12.25	7350	63027.61	4.411932	148.6808
1517	914.5	1516.913	914.413	17.17076	24.02614	35.4	33.666	0.041989	3.034755	12.25	6419	50373.66	3.526156	118.7282
1518	915.5	1517.961	915.461	17.18599	24.01235	35.4	33.29	0.043159	3.034755	12.25	6419	49008.12	3.430569	115.4434
1519	916.5	1519.009	916.509	17.20122	24.03303	35.4	34.331	0.044049	3.034377	12.25	6419	48024.18	3.361693	113.2231
1520	917.5	1520.056	917.556	17.21646	24.06751	35.4	34.69	0.023308	3.034377	9.5	5489	77610.97	6.656658	224.5204
1521	918.5	1521.104	918.604	17.2317	6.258348	32.6	7.537	0.010283	1.193537	9.5	900	73330.96	6.399858	56.64448
1522	919.5	1522.152	919.652	17.24695	3.790025	32.1	14.852	0.010082	0.936508	9.5	1010	106975	8.418497	45.19756
1523	920.5	1523.2	920.7	17.26221	3.78313	32.2	11.184	0.008253	0.936508	9.5	1062	137396.4	10.24379	54.87921
1524	921.5	1524.247	921.747	17.27746	3.762446	32.2	4.374	0.004234	0.935372	9.5	1014	256015	17.3609	92.49934
1525	922.5	1525.295	922.795	17.29273	3.762446	32.3	4.135	0.0031	0.935372	9.5	978	337324.4	22.23946	118.4536
1526	923.5	1526.343	923.843	17.308	3.78313	32.3	3.107	0.002556	0.934615	9.5	1010	422712.1	27.36272	146.5428
1527	924.5	1527.391	924.891	17.32327	3.755551	32.4	3.249	0.002442	0.933101	9.5	1044	458187.6	29.49126	156.7396
1528	925.5	1528.438	925.938	17.33855	3.78313	32.6	2.821	0.002324	0.933101	9.5	1014	467502.1	30.05013	160.7774
1529	926.5	1529.486	926.986	17.35384	3.790025	32.7	3.481	0.002409	0.933101	9.5	982	436910.7	28.21464	151.1827
1530	927.5	1530.534	928.034	17.36913	3.989973	32.8	1.922	0.001891	0.96717	9.5	1000	546684.4	34.80106	196.2483
1531	928.5	1531.582	929.082	17.38442	3.741762	33	3.488	0.002432	0.925909	9.5	1031	457762.8	29.46577	155.7233
1532	929.5	1532.629	930.129	17.39972	3.734867	33.1	2.977	0.002299	0.925909	9.5	974	457500.8	29.45005	155.3027
1533	930.5	1533.677	931.177	17.41503	3.727972	33.3	2.423	0.001876	0.926287	9.5	910	523799.5	33.42797	175.8397
1534	931.5	1534.725	932.225	17.43034	3.734867	33.4	1.866	0.001566	0.925909	9.5	774	533803.8	34.02823	179.2698
1535	932.5	1535.773	933.273	17.44565	3.693499	33.6	2.249	0.001638	0.925909	9.5	668	440378.2	28.42269	147.9832
1536	933.5	1536.82	934.32	17.46098	3.714183	33.7	1.834	0.001487	0.925152	9.5	538	391202.2	25.47213	133.3203
1537	934.5	1537.868	935.368	17.4763	3.721078	33.8	1.935	0.00148	0.927044	9.5	431	314094.2	20.84565	109.2724
1538	935.5	1538.916	936.416	17.49163	3.817604	34	1.897	0.003508	0.918338	9.5	356	110498.1	8.629883	46.38091
1539	936.5	1539.964	937.464	17.50697	3.224655	34	17.665	0.011645	0.802883	9.5	324	34652.5	4.07915	18.5181
1540	937.5	1541.011	938.511	17.52231	3.762446	34	17.692	0.012534	0.953921	9.5	307	25676.44	3.540586	18.75378
1541	938.5	1542.059	939.559	17.53766	3.548709	34	8.702	0.007745	0.908496	9.5	297	42207.82	4.532469	22.64377
1542	939.5	1543.107	940.607	17.55301	3.838288	34	7.524	0.010395	0.933101	12.25	247	25464.43	3.527866	19.06308
1543	940.5	1544.155	941.655	17.56837	3.79692	34	9.652	0.010775	0.932344	12.25	250	24884.52	3.493071	18.67163
1544	941.5	1545.202	942.702	17.58373	3.810709	34	4.09	0.00611	0.932344	12.25	260	45638.56	4.738314	25.41986
1545	942.5	1546.25	943.75	17.5991	3.865867	33.9	2.467	0.003109	0.932723	12.25	135	46555.65	4.793339	26.09576
1546	943.5	1547.298	944.798	17.61447	3.810709	33.9	0.532	0.003375	0.931208	12.25	156	49643.65	4.978619	26.71773
1547	944.5	1548.346	945.846	17.62985	28.19057	33	11.133	0.013611	3.03362	12.25	5492	133006.4	9.310449	370.7099
1548	945.5	1549.393	946.893	17.76881	28.19057	33	18.375	0.023352	3.035134	12.25	23624	333311.7	23.33182	928.9924
1549	946.5	1550.441	947.941	17.72558	28.23194	33	24.206	0.030684	3.033241	12.25	17330	186198.3	13.03388	519.7256
1550	947.5	1551.489	948.989	17.73703	28.23194	33	27.814	0.035276	3.032862	12.25	6881	64316.86	4.50218	179.5243
1551	948.5	1552.537	950.037	17.80325	28.22504	33	28.95	0.036878	3.032484	12.25	7748	69283.17	4.849822	193.3393
1552	949.5	1553.584	951.084	17.77818	28.25262	33	28.265	0.036304	3.034755	12.25	8612	78167.12	5.471698	218.3437
1553	950.5	1554.632	952.132	17.86277	28.23194	33	27.196	0.034049	3.035134	12.25	6389	61823.57	4.32765	172.5649
1554	951.5	1555.68	953.18	17.87427	28.19057	33	21.645	0.030069	3.035512	12.25	2124	23270.76	1.628953	64.8593
1555	952.5	1556.728	954.228	17.90408	28.20436	33	26.367	0.034096	3.035512	12.25	2362	22821.7	1.597519	63.6388
1556	953.5	1557.775	955.275	17.87896	28.22504	33	31.8	0.039119	3.035134	12.25	2155	18150.35	1.270525	50.64977
1557	954.5	1558.823	956.323	17.90878	28.20436	33	28.757	0.037501	3.037405	12.25	1945	17075.36	1.195275	47.615
1558	955.5	1559.871	957.371	17.92028	28.21126	33.1	27.958	0.034093	3.036648	12.25	1531	14788.42	1.03519	41.23444
1559	956.5	1560.919	958.419	17.87672	27.5011	33.1	18.309	0.026462	2.993494	12.25	3094	39058.14	2.734069	106.164
1560	957.5	1561.966	959.466	17.88819	27.28736	33.1	22.142	0.02727	2.978731	12.25	10464	128819.1	9.017339	347.4223
1561	958.5	1563.014	960.514	17.89966	27.0943	33.1	20.223	0.02661	2.970403	12.25	11585	146568.7	10.25981	392.4961
1562	959.5	1564.007	961.507	17.85596	27.06673	33.2	20.988	0.027055	2.970025	12.25	11368	141472.4	9.903071	378.3395
1563	960.5	1565	962.5	17.84899	27.02536	33.2	21.924	0.02895	2.968132	12.25	9518	110769.4	7.753859	295.7777
1564	961.5	1565.993	963.493	17.84199	27.00467	33.2	26.244	0.033078	2.966239	12.25	9229	94061.28	6.58429	250.9712
1565	962.5	1566.986	964.486	17.8534	27.52178	33.2	27.269	0.035104	2.998415	12.25	8940	84935.66	5.945496	230.9621
1566	963.5	1567.979	965.479	17.86481	27.6321	33.2	28.292	0.036283	3.005608	12.25	11524	105673.6	7.397149	288.5056
1567	964.5	1568.972	966.472	17.85777	27.59762	33.2	28.671	0.037286	3.000308	12.25	10530	94128.19	6.588974	256.6643
1568	965.5	1569.965	967.465	17.83225	27.6252	33.2	30.805	0.038738	3.002958	12.25	9534	81958.26	5.737078	223.7033
1569	966.5	1570.958	968.458	17.7882	27.61141	33.2	28.657	0.037274	3.003715	12.25	8469	75643.76	5.295063	206.3649
1570	967.5	1571.951	969.451	17.76257	27.60452	33.2	28.291	0.036165	3.002958	12.25	7530	69335.95	4.853516	189.1092
1571	968.5	1572.943	970.443	17.68141	27.59762	33.2	26.736	0.034286	3.001822	12.25	6535	63495.96	4.444717	173.1378
1572	969.5	1573.936	971.436	17.67416	27.56315	33.2	24.564	0.031662	3.002579	12.25	3521	37037.26	2.592608	100.8653
1573	970.5	1574.929	972.429	17.66688	27.56315	33.3	22.576	0.029978	3.003336	12.25	9446	104915.3	7.344068	285.6274
1574	971.5	1575.922	973.422	17.64105	27.61141	33.3	24.854	0.030624	3.001822	12.25	9487	103202	7.224141	281.4551
1575	972.5	1576.915	974.415	17.61518	27.59073	33.3	20.738	0.027901	3.002958	12.25	9529	113730.6	7.961141	309.9366
1576	973.5	1577.908	975.408	17.58925	27.56315	33.3	22.235	0.029357	3.004093	12.25	6955	78863.81	5.520466	214.7034
1577	974.5	1578.901	976.401	17.58185	27.54246	33.3	27.147	0.034416	3.002579	12.25	7972	77146.66	5.400266	209.8709
1578	975.5	1579.894	977.394	17.55584	27.55625	33.3	29.581	0.036911	2.999551	12.25	6362	57462.25	4.022358	156.3994
1579	976.5	1580.887	978.387	17.54838	27.52178	33.3	26.563	0.035561	3.000687	12.25	6270	58758.21	4.113075	159.7267
1580	977.5	1581.88	979.38	17.52229	27.51488	33.3	29.911	0.0372	2.998415	12.25	6205	55629.86	3.89409	151.1848
1581	978.5	1582.873	980.373	17.51477	27.4942	33.4	27.174	0.035601	2.999551	12.25	6138	57478.82	4.023517	156.0413
1582	979.5	1583.866	981.366	17.46997	27.48041	33.4	27.322	0.034716	2.99993	12.25	4240	40712.24	2.849857	110.4686
1583	980.5	1584.859	982.359	17.46238	27.45283	33.4	25.342	0.033272	3.001822	12.25	5391	53976.17	3.778332	146.312
1584	981.5	1585.852	983.352	17.43611	27.5011	33.4	26.385	0.033936	3.004472	12.25	6543	64172.19	4.492054	174.2559
1585	982.5	1586.845	984.345	17.42846	27.50799	33.4	27.287	0.035094	3.004851	12.25	4592	43545.19	3.048163	118.2741
1586	983.5	1587.838	985.338	17.40211	27.48041	33.4	28.035	0.033588	3.001822	12.25	5170	51276.4	3.589348	139.1334
1587	984.5	1588.831	986.331	17.3944	27.48731	33.5	17.121	0.028775	3.000308	12.25	4778	55344.21	3.874094	150.1597
1588	985.5	1589.824	987.324	17.36797	27.57004	33.6	37.593	0.040702	3.003715	12.25	4105	33576.66	2.350366	91.34449
1589	986.5	1590.816	988.316	17.37891	27.58383	33.6	22.211	0.03179	3.005229	12.25	8414	88071	6.16497	239.7149
1590	987.5	1591.809	989.309	17.37112	27.60452	33.6	21.73	0.029177	3.005986	12.25	8875	101189.1	7.08324	275.6268
1591	988.5	1592.802	990.302	17.5319	27.59762	33.6	26.859	0.033545	3.005608	12.25	8939	88659.2	6.206144	241.4365
1592	989.5	1593.795	991.295	17.54291	27.57004	33.6	27.182	0.034907	3.002958	12.25	9823	93709.34	6.559654	254.934

1593	990.5	1594.788	992.288	17.70397	27.55625	33.6	27.107	0.035112	3.003336	12.25	7175	68039.96	4.762797	185.0085
1594	991.5	1595.781	993.281	17.73385	27.60452	33.6	28.039	0.036267	3.003336	12.25	8075	74136	5.18952	201.9374
1595	992.5	1596.774	994.274	17.72619	27.59762	33.6	29.769	0.037305	3.003336	12.25	8975	80105.59	5.607391	218.1433
1596	993.5	1597.767	995.267	17.79368	27.61141	33.6	26.756	0.035555	3.002958	12.25	8923	83572.22	5.850056	227.6974
1597	994.5	1598.76	996.26	17.89883	27.61141	33.6	28.921	0.036807	3.005986	12.25	8578	77528.75	5.427012	211.2316
1598	995.5	1599.753	997.253	18.00411	27.61831	33.7	29.112	0.03789	3.004851	12.25	8234	72320.55	5.062438	197.0265
1599	996.5	1600.746	998.246	17.92125	27.63899	33.7	31.229	0.037671	3.005229	12.25	8070	71284.12	4.989888	194.3483
1600	997.5	1601.739	999.239	17.93246	27.61141	33.7	21.547	0.032511	3.005608	12.25	6643	67984.07	4.758885	185.1662
1601	998.5	1602.732	1000.232	17.98136	27.34941	33.7	34.108	0.038073	2.987059	12.25	5241	46084.65	3.225925	124.3283
1602	999.5	1603.725	1001.225	17.84171	27.30115	33.7	19.47	0.029668	2.988195	12.25	7831	88333.88	6.183371	237.8888
1603	1000.5	1604.718	1002.218	17.85285	27.33562	33.7	26.286	0.033376	2.988952	12.25	7719	77376.53	5.416357	208.6431
1604	1001.5	1605.711	1003.211	17.86398	27.3632	33.7	30.944	0.037991	2.988195	12.25	7608	67017.15	4.6912	180.8917
1605	1002.5	1606.704	1004.204	17.87512	27.35631	33.8	27.004	0.034718	2.98933	12.25	7885	75974.61	5.318223	204.9511
1606	1003.5	1607.697	1005.197	17.82954	27.32873	33.8	22.855	0.029071	2.990087	12.25	7439	85579.57	5.99057	230.629
1607	1004.5	1608.69	1006.19	17.97307	27.30115	33.8	17.07	0.025138	2.990466	12.25	7186	95590.26	6.691318	257.3469
1608	1005.5	1609.682	1007.182	18.02212	27.32183	33.8	26.029	0.031965	2.990466	12.25	7157	74871.22	5.240986	201.7201
1609	1006.5	1610.675	1008.175	18.01438	27.32873	33.8	27.797	0.034652	2.988573	12.25	6513	62890.93	4.402365	169.4852
1610	1007.5	1611.668	1009.168	18.00663	27.26667	33.8	24.289	0.03177	2.986302	12.25	5866	61828.96	4.328027	166.245
1611	1008.5	1612.661	1010.161	18.09367	27.29425	33.8	23.12	0.0303	2.990845	12.25	6503	71759.62	5.023173	193.1415
1612	1009.5	1613.654	1011.154	18.19979	27.28046	33.9	24.452	0.03256	2.988573	12.25	9802	100730.6	7.051144	270.892
1613	1010.5	1614.647	1012.147	17.86927	27.32873	33.9	30.829	0.037999	2.988195	12.25	9864	86870.6	6.080942	234.0319
1614	1011.5	1615.64	1013.14	18.05136	27.31494	33.9	29.337	0.038404	2.990466	12.25	9924	86410.98	6.048768	232.6762
1615	1012.5	1616.633	1014.133	18.06255	27.34941	33.9	30.817	0.03744	2.99198	12.25	8957	79958.19	5.597073	215.5727
1616	1013.5	1617.626	1015.126	18.14983	27.56315	34	21.897	0.030847	3.004472	12.25	7680	82867.51	5.800726	225.0892
1617	1014.5	1618.619	1016.119	18.10395	27.57004	34.2	25.365	0.033094	3.008636	12.25	5334	53571.25	3.749987	145.4548
1618	1015.5	1619.612	1017.112	18.03895	27.63899	34.2	30.888	0.036705	3.005986	12.25	6044	54779.18	3.834542	149.1065
1619	1016.5	1620.605	1018.105	17.99292	27.6321	34.2	22.156	0.030776	3.006365	12.25	5453	58936.33	4.125543	160.382
1620	1017.5	1621.598	1019.098	17.98496	27.65278	34.2	23.928	0.029237	3.007122	12.25	4863	55312.75	3.871892	150.6339
1621	1018.5	1622.591	1020.091	17.97698	27.06673	34.2	18.398	0.025695	2.977596	12.25	5256	68696.93	4.808785	183.1183
1622	1019.5	1623.584	1021.084	17.94988	26.34278	34.2	22.24	0.027116	2.943527	12.25	5479	68645.33	4.805173	178.0866
1623	1020.5	1624.577	1022.077	17.96095	26.4462	34.3	19.023	0.025156	2.949962	12.25	5044	67969.86	4.75789	176.969
1624	1021.5	1625.57	1023.07	17.99113	26.48757	34.3	18.915	0.024136	2.951855	12.25	5586	78403.61	5.488253	204.454
1625	1022.5	1626.563	1024.063	18.02134	26.49446	34.3	17.811	0.02428	2.951855	12.25	5506	76823.88	5.377672	200.3867
1626	1023.5	1627.556	1025.056	17.93672	26.51515	34.3	23.004	0.028447	2.952612	12.25	5268	62720.25	4.390417	163.7266
1627	1024.5	1628.548	1026.048	17.90944	26.54272	34.3	22.757	0.029561	2.950719	12.25	5058	57986.57	4.05906	151.5271
1628	1025.5	1629.541	1027.041	17.86295	26.52204	34.4	23.747	0.029714	2.949962	12.25	5586	63726.39	4.460847	166.3422
1629	1026.5	1630.534	1028.034	17.93146	26.48757	34.4	20.747	0.027425	2.951098	12.25	5943	73431.57	5.14021	191.4261
1630	1027.5	1631.527	1029.027	17.84651	26.45999	34.4	21.085	0.026524	2.949962	12.25	4192	53575.79	3.750305	139.5194
1631	1028.5	1632.52	1030.02	17.95347	26.40483	34.4	18.535	0.024902	2.950341	12.25	5422	73798.16	5.165871	191.7808
1632	1029.5	1633.513	1031.013	18.07976	26.43241	34.4	20.84	0.026535	2.949962	12.25	5194	66353.92	4.644774	172.6154
1633	1030.5	1634.506	1032.006	18.09084	26.45999	34.5	21.779	0.028536	2.949205	12.25	5738	68182.03	4.772742	177.4985
1634	1031.5	1635.499	1032.999	18.12115	27.65967	34.5	25.042	0.031021	3.014314	12.25	5706	61022.72	4.27159	166.0633
1635	1032.5	1636.492	1033.992	17.88201	27.61831	34.5	22.634	0.029363	3.010529	12.25	5672	64163.19	4.491423	174.3484
1636	1033.5	1637.485	1034.985	17.89295	27.60452	34.5	21.279	0.02748	3.01015	12.25	6045	73079.09	5.115536	198.4762
1637	1034.5	1638.478	1035.978	17.98097	27.60452	34.5	20.328	0.027405	3.009772	12.25	7341	89000.34	6.230024	241.7168
1638	1035.5	1639.471	1036.971	17.87625	27.61141	34.5	25.138	0.031047	3.008257	12.25	7011	75065.6	5.254592	203.9223
1639	1036.5	1640.464	1037.964	17.92576	27.59762	34.6	23.825	0.030563	3.009772	12.25	6263	68085.57	4.76599	184.808
1640	1037.5	1641.457	1038.957	18.14908	27.61141	34.6	22.009	0.028037	3.01015	12.25	6101	72291.38	5.060397	196.322
1641	1038.5	1642.45	1039.95	18.06355	27.59073	34.6	18.812	0.024428	3.011286	12.25	5114	69521.63	4.866514	188.6588
1642	1039.5	1643.443	1040.943	18.03589	27.57694	34.6	16.597	0.022293	3.012421	12.25	4443	66160.11	4.631207	179.447
1643	1040.5	1644.436	1041.936	18.08556	27.60452	34.7	18.702	0.02369	3.011664	12.25	4056	56850.54	3.979538	154.3006
1644	1041.5	1645.429	1042.929	18.01915	27.59762	34.7	19.007	0.024899	3.012421	12.25	3663	48835.49	3.418484	132.5135
1645	1042.5	1646.421	1043.921	18.04948	27.27357	34.9	21.32	0.027172	2.98176	12.25	3033	37435.02	2.620452	100.3208
1646	1043.5	1647.414	1044.914	18.06045	27.28736	34.9	22.356	0.028459	2.981381	12.25	2465	29052.34	2.033664	77.89569
1647	1044.5	1648.407	1045.907	18.07142	27.25288	34.9	21.897	0.027235	2.971539	12.25	3029	37427.65	2.619935	100.2249
1648	1045.5	1649.4	1046.9	18.1018	27.34252	35	16.992	0.024924	2.97646	12.25	3293	44388.67	3.107207	119.2176
1649	1046.5	1650.393	1047.893	18.11278	27.39767	35	26.301	0.02932	2.979867	12.25	3731	42703.39	2.989237	114.9227
1650	1047.5	1651.386	1048.886	18.06549	27.43215	35	14.459	0.023165	2.980624	12.25	3982	57670.6	4.036942	155.3975
1651	1048.5	1652.379	1049.879	18.11531	27.42525	35	23.832	0.028137	2.979867	12.25	4184	49902.14	3.493149	134.4311
1652	1049.5	1653.372	1050.872	18.12628	27.39767	35	21.353	0.029028	2.979867	12.25	3269	37792.2	2.645454	101.7058
1653	1050.5	1654.365	1051.865	18.1178	27.44594	35.1	26.049	0.031664	2.980624	12.25	4160	44077.62	3.085433	118.7914
1654	1051.5	1655.358	1052.858	18.07034	27.41836	35.1	22.031	0.028948	2.980624	12.25	4415	51168.97	3.581828	137.7644
1655	1052.5	1656.351	1053.851	18.13972	27.43904	35.1	20.747	0.027082	2.98176	12.25	4891	60567.91	4.239754	163.1926
1656	1053.5	1657.344	1054.844	18.15068	27.42525	35.1	21.205	0.028033	2.982138	12.25	5276	63110.82	4.417758	169.9587
1657	1054.5	1658.337	1055.837	18.16164	27.43215	35.1	25.09	0.034233	2.982895	12.25	5346	52353.47	3.664743	141.0244
1658	1055.5	1659.33	1056.83	18.1726	27.47352	35.1	37.988	0.043003	2.981003	12.25	5415	42240.87	2.956861	113.9557
1659	1056.5	1660.323	1057.823	18.18356	27.45283	35.1	23.388	0.033332	2.98176	12.25	5456	54895.41	3.842678	147.9831
1660	1057.5	1661.316	1058.816	18.11635	27.45283	35.2	23.815	0.031287	2.982517	12.25	6121	65595.79	4.591705	176.7711
1661	1058.5	1662.309	1059.809	18.18593	27.26667	35.2	27.174	0.035471	2.972675	12.25	6398	60676.86	4.24738	162.4065
1662	1059.5	1663.302	1060.802	18.15774	27.27357	35.2	32.812	0.041304	2.970025	12.25	6397	52146.45	3.650251	139.6094
1663	1060.5	1664.295	1061.795	18.20782	27.28736	35.2	34.087	0.043142	2.968889	12.25	6994	54605.08	3.822356	146.2657
1664	1061.5	1665.287	1062.787	18.17959	27.29425	35.2	31.915	0.042488	2.966997	12.25	7590	60208.17	4.214572	161.315
1665	1062.5	1666.28	1063.78	18.17092	27.28046	35.3	36.282	0.046349	2.969646	12.25	7610	55289.34	3.870254	148.0132
1666	1063.5	1667.273	1064.773	18.20144	27.32183	35.3	38.979	0.048843	2.968511	12.25	7631	52630.39	3.684127	141.1086
1667	1064.5	1668.266	1065.766	18.23199	27.30115	35.3	35.451	0.045851	2.967754	12.25	6918	50840.25	3.558818	136.2059
1668	1065.5	1669.259	1066.759	18.18402	27.26667	35.3	32.917	0.042359	2.969646	12.25	6206	49335.55	3.453489	132.0077
1669	1066.5	1670.252	1067.752	18.21457	27.29425	35.3	30.308	0.039413	2.970025	12.25	5547	47387.37	3.317116	126.9232
1670	1067.5	1671.245	1068.745	18.34345	27.25288	35.3	29.545	0.038508	2.970403	12.25	5266	46037.45	3.222622	123.1207
1671	1068.5	1672.238	1069.738	18.33476	27.28736	35.3	30.991	0.039747	2.970782	12.25	4983	42200.41	2.954029	113.0018
1672	1069.5	1673.231	1070.731	18.42447	27.28046	35.4	31.743	0.040738	2.970782	12.25	4193	34645.78	2.425205	92.71896

1673	1070.5	1674.224	1071.724	18.47488	27.54936	35.5	31.91	0.040702	2.986681	12.25	1606	13211.12	0.924779	35.6925
1674	1071.5	1675.217	1072.717	18.60417	28.10094	35.6	30.321	0.040853	3.014693	12.25	1793	14558.56	1.019099	40.10738
1675	1072.5	1676.21	1073.71	18.57584	28.11473	35.6	37.211	0.046146	3.0128	12.25	1799	12939.77	0.905784	35.66526
1676	1073.5	1677.203	1074.703	18.5672	28.1561	35.6	35.912	0.045109	3.011286	12.25	1803	13273.26	0.929128	36.63828
1677	1074.5	1678.196	1075.696	18.57148	28.10094	35.6	29.386	0.040194	3.011286	12.25	1931	15953.79	1.116765	43.95111
1678	1075.5	1679.189	1076.689	18.57576	28.12162	35.6	33.882	0.042494	3.009393	12.25	2059	16100.94	1.127066	44.38912
1679	1076.5	1680.182	1077.682	18.58002	28.10783	35.6	33.141	0.044789	3.009014	12.25	2187	16227.72	1.13594	44.71672
1680	1077.5	1681.175	1078.675	18.58428	28.14231	35.7	42.304	0.049533	3.007879	12.25	1948	13074.82	0.915237	36.06117
1681	1078.5	1682.168	1079.668	18.58853	28.11473	35.7	28.505	0.040343	3.008636	12.25	1711	14096.4	0.986748	38.84064
1682	1079.5	1683.16	1080.66	18.59277	28.11473	35.7	31.708	0.040211	3.008636	12.25	1876	15506.66	1.085466	42.72643
1683	1080.5	1684.153	1081.653	18.597	28.13541	35.7	32.078	0.040986	3.007879	12.25	2042	16563.89	1.159473	45.67306
1684	1081.5	1685.146	1082.646	18.60123	28.12852	35.7	31.006	0.040147	3.007122	12.25	2209	18297.37	1.280816	50.44056
1685	1082.5	1686.139	1083.639	18.60544	28.13541	35.7	31.016	0.039241	3.007879	12.25	2496	21146.55	1.480259	58.30922
1686	1083.5	1687.132	1084.632	18.60965	28.1561	35.7	27.826	0.036591	3.006365	12.25	2784	25307.43	1.77152	69.83368
1687	1084.5	1688.125	1085.625	18.61385	28.14231	35.7	28.225	0.035217	3.007122	12.25	3012	28441.45	1.990901	78.44329
1688	1085.5	1689.118	1086.618	18.61805	28.13541	35.7	23.413	0.031749	3.0075	12.25	3176	33261.82	2.328327	91.71569
1689	1086.5	1690.111	1087.611	18.62223	28.11473	35.7	26.098	0.034494	3.005229	12.25	3211	30975.61	2.168293	85.34896
1690	1087.5	1691.104	1088.604	18.62641	28.14231	35.8	32.964	0.040808	3.004093	12.25	3246	26478.35	1.853484	73.00531
1691	1088.5	1692.097	1089.597	18.63057	28.16299	35.8	32.243	0.037886	3.004472	12.25	2584	22701.25	1.589087	62.6372
1692	1089.5	1693.141	1090.641	18.63473	28.19747	35.8	14.641	0.01385	3.011286	9.5	2416	57930.1	4.055107	160.0362
1693	1090.5	1694.184	1091.684	18.63889	6.513454	34.5	16.524	0.013441	0.682886	9.5	15574	1696704	50.90113	465.9892
1694	1091.5	1695.228	1092.728	18.64303	6.444507	34.5	23.43	0.018802	0.684022	9.5	27755	2158060	64.74179	586.4236
1695	1092.5	1696.271	1093.771	18.64716	6.403138	34.5	35.467	0.025283	0.685157	9.5	27606	1593607	47.8082	430.2613
1696	1093.5	1697.315	1094.815	18.65129	6.272138	34.5	30.639	0.023519	0.68705	9.5	27453	1698967	50.96901	449.3232
1697	1094.5	1698.359	1095.859	18.65541	6.251453	34.4	24.241	0.020415	0.687807	9.5	27304	1944510	58.33529	512.7322
1698	1095.5	1699.402	1096.902	18.65952	6.237664	34.4	30.607	0.02319	0.688186	9.5	26884	1684539	50.53618	443.2029
1699	1096.5	1700.446	1097.946	18.66363	6.299717	34.4	33.049	0.023877	0.687429	9.5	26471	1612712	48.38137	428.5262
1700	1097.5	1701.489	1098.989	18.66772	6.251453	34.4	22.239	0.019006	0.688564	9.5	26051	1990646	59.71938	524.8976
1701	1098.5	1702.533	1100.033	18.67181	6.010137	34.4	25.284	0.018925	0.690457	9.5	25637	1961953	58.85859	497.3618
1702	1099.5	1703.577	1101.077	18.67589	5.961874	34.4	23.29	0.018305	0.691593	9.5	25599	2022060	60.66181	508.4829
1703	1100.5	1704.62	1102.12	18.67996	5.906716	34.4	23.417	0.018532	0.691971	9.5	25556	1992863	59.78589	496.5043
1704	1101.5	1705.664	1103.164	18.68402	5.748136	34.4	26.661	0.019789	0.694621	9.5	24911	1812216	54.36649	439.3762
1705	1102.5	1706.708	1104.208	18.68807	5.78261	34.4	23.301	0.01833	0.694621	9.5	24269	1906094	57.18281	464.9086
1706	1103.5	1707.751	1105.251	18.69212	5.748136	34.4	22.186	0.017174	0.694999	9.5	23624	1979239	59.37717	479.8713
1707	1104.5	1708.795	1106.295	18.69616	5.920505	34.4	21.048	0.016481	0.724147	9.5	23464	1966017	58.98051	490.9593
1708	1105.5	1709.838	1107.338	18.70019	6.244559	34.4	21.346	0.017214	0.780549	9.5	23304	1734373	52.03118	456.8184
1709	1106.5	1710.882	1108.382	18.70421	6.099769	34.4	26.973	0.019797	0.782064	9.5	22191	1433319	42.99958	368.7702
1710	1107.5	1711.926	1109.426	18.70823	6.030821	34.4	24.18	0.018746	0.782442	9.5	21081	1437280	43.11841	365.6095
1711	1108.5	1712.969	1110.469	18.71223	6.079085	34.4	21.579	0.017001	0.782064	9.5	19972	1502139	45.06416	385.1658
1712	1109.5	1714.013	1111.513	18.71623	5.968768	34.4	21.255	0.016734	0.783578	9.5	18862	1438457	43.15372	362.1439
1713	1110.5	1715.056	1112.556	18.72022	6.196295	34.4	23.087	0.017537	0.780928	9.5	18356	1340314	40.20941	350.2983
1714	1111.5	1716.1	1113.6	18.7242	6.465191	34.3	22.305	0.017367	0.778278	9.5	17846	1320325	39.60975	360.1662
1715	1112.5	1717.144	1114.644	18.72817	6.327296	34.3	22.282	0.017867	0.779792	9.5	17340	1244574	37.33723	332.2612
1716	1113.5	1718.187	1115.687	18.73214	6.334191	34.3	27.03	0.019812	0.779792	9.5	16830	1089394	32.68182	291.15
1717	1114.5	1719.231	1116.731	18.7361	6.292822	34.3	23.132	0.018188	0.780171	9.5	16246	1144882	34.34645	303.9813
1718	1115.5	1720.274	1117.774	18.74005	6.196295	34.3	21.397	0.017621	0.781307	9.5	15665	1137835	34.13506	297.4762
1719	1116.5	1721.318	1118.818	18.74399	6.196295	34.3	27.837	0.020066	0.781307	9.5	15075	961540.5	28.84621	251.3856
1720	1117.5	1722.362	1119.862	18.74792	6.099769	34.3	22.763	0.017973	0.782442	9.5	14491	1030463	30.91389	265.208
1721	1118.5	1723.405	1120.905	18.75184	6.189401	34.3	20.394	0.016215	0.780928	9.5	14014	1106722	33.20166	289.02
1722	1119.5	1724.449	1121.949	18.75576	6.196295	34.3	21.321	0.014756	0.783199	9.5	13535	1171178	35.13534	306.1933
1723	1120.5	1725.492	1122.992	18.75967	6.196295	34.3	8.675	0.009583	0.781307	9.5	13058	1743966	52.31897	455.9432
1724	1121.5	1726.536	1124.036	18.76357	6.403138	34.3	18.247	0.013925	0.797962	9.5	12579	1132094	33.96282	305.8553
1725	1122.5	1727.58	1125.08	18.76746	6.299717	34.2	26.248	0.019057	0.799855	9.5	12239	802923	24.08769	213.4897
1726	1123.5	1728.623	1126.123	18.77135	6.272138	34.2	24.449	0.018544	0.799476	9.5	11904	802959.7	24.08879	212.5648
1727	1124.5	1729.667	1127.167	18.77522	6.127348	34.2	19.663	0.015172	0.800991	9.5	11563	951500.2	28.545	246.0727
1728	1125.5	1730.711	1128.211	18.77909	5.934295	34.2	14.475	0.012043	0.804776	9.5	11223	1157957	34.73871	290.0304
1729	1126.5	1731.754	1129.254	18.78295	6.63756	34.2	15.768	0.012543	0.869128	9.5	10952	1004608	30.13824	281.4409
1730	1127.5	1732.798	1130.298	18.7868	6.603086	34.2	19.66	0.01493	0.870642	9.5	10689	822299.1	24.66897	229.1705
1731	1128.5	1733.841	1131.341	18.79065	6.582402	34.2	21.297	0.016061	0.871021	9.5	10418	744684.4	22.34053	206.8896
1732	1129.5	1734.885	1132.385	18.79448	6.541033	34.2	19.623	0.01536	0.871778	9.5	9884	738111.9	22.14336	203.7748
1733	1130.5	1735.929	1133.429	18.79831	6.582402	34.2	19.25	0.013972	0.871021	9.5	9354	768629.8	23.05889	213.5422
1734	1131.5	1736.972	1134.472	18.80213	6.589297	34.2	11.654	0.010293	0.870642	9.5	8820	984190.8	29.52572	273.7161
1735	1132.5	1738.016	1135.516	18.80594	6.589297	34.2	13.903	0.01044	0.870263	9.5	8288	912192.8	27.36578	253.6925
1736	1133.5	1739.059	1136.559	18.80974	6.534139	34.2	13.643	0.011272	0.871399	9.5	7754	789433.1	10.36263	95.26187
1737	1134.5	1740.103	1137.603	18.81354	6.396243	34.1	18.878	0.02192	0.872535	12.25	11246	587993.8	7.743919	69.70884
1738	1135.5	1741.032	1138.532	18.68114	26.82541	40.7	13.01	0.021389	2.929521	12.25	14729	235063.1	3.155821	116.6354
1739	1136.5	1741.961	1139.461	18.91709	27.4942	40.8	28.772	0.034083	2.904916	12.25	15354	155078.7	2.116023	80.12995
1740	1137.5	1742.89	1140.39	18.98943	27.54246	40.8	30.755	0.039109	2.904537	12.25	15971	140599.2	1.927789	73.13004
1741	1138.5	1743.819	1141.319	18.91835	27.4942	40.8	30.485	0.038727	2.905673	12.25	17022	151269.4	2.066502	78.25468
1742	1139.5	1744.748	1142.248	18.82668	27.52178	40.9	27.803	0.037168	2.906052	12.25	18069	167288	2.274743	86.19937
1743	1140.5	1745.676	1143.176	18.83748	27.54936	41	31.534	0.03992	2.905673	12.25	18751	161655.8	2.201525	83.48183
1744	1141.5	1746.605	1144.105	18.86882	27.58383	41.1	32.118	0.040888	2.907187	12.25	19429	163449.9	2.224849	84.44497
1745	1142.5	1747.534	1145.034	18.94127	27.57694	41.3	30.563	0.040772	2.90643	12.25	19750	166664.2	2.266634	85.95475
1746	1143.5	1748.463	1145.963	19.15768	27.58383	41.4	35.661	0.044152	2.90643	12.25	20065	156362.8	2.132717	80.87086
1747	1144.5	1749.392	1146.892	19.33319	27.52867	41.7	32.574	0.042237	2.907566	12.25	20907	170243.6	2.313167	87.45458
1748	1145.5	1750.321	1147.821	19.22079	27.50799	42	30.9	0.039912	2.906809	12.25	21746	187440.2	2.536723	95.74333
1749	1146.5	1751.25	1148.75	19.10824	27.52867	42.2	29.846	0.038588	2.907187	12.25	23839	212500.2	2.862502	108.0519
1750	1147.5	1752.179	1149.679	19.11916	27.59762	42.3	29.568	0.038359	2.906809	12.25	25925	232509.4	3.122622	118.1284
1751	1148.5	1753.108	1150.608	19.08886	27.55625	42.3	30.663	0.038502	2.90643	12.25	24450	218490.5	2.940377	111.0674
1752	1149.5	1754.037	1151.537	19.24414	27.53557	42.5	27.231	0.036899	2.907566	12.25	22976	214156.6	2.884036	108.7885

1753	1150.5	1754.965	1152.465	19.21385	27.52867	42.7	32.391	0.040672	2.908323	12.25	19347	163559.9	2.226279	83.9031
1754	1151.5	1755.894	1153.394	19.26611	27.54246	42.9	32.768	0.042083	2.901509	12.25	15713	128684.5	1.772899	66.80745
1755	1152.5	1756.823	1154.323	19.23577	27.55625	43	32.678	0.041839	2.909458	12.25	13785	113242.2	1.572149	59.25358
1756	1153.5	1757.752	1155.252	19.39145	27.53557	43.2	31.525	0.040844	2.909458	12.25	11854	99752.81	1.396787	52.57148
1757	1154.5	1758.681	1156.181	19.3818	27.52867	43.3	31.587	0.042476	2.909458	12.25	11021	89178.5	1.259321	47.37077
1758	1155.5	1759.61	1157.11	19.45493	27.59073	43.4	40.101	0.04733	2.914379	12.25	10187	73852.64	1.060084	39.95353
1759	1156.5	1760.453	1157.953	19.34174	27.64589	43.5	28.603	0.038246	2.911351	12.25	10536	94622.43	1.330092	50.21419
1760	1157.5	1761.296	1158.796	19.45634	27.57694	43.4	23.744	0.033831	2.918543	12.25	10885	110243.6	1.533167	57.75467
1761	1158.5	1762.14	1159.64	19.55032	27.66657	43.4	34.098	0.041254	2.917786	12.25	10660	88559.19	1.251269	47.28875
1762	1159.5	1762.983	1160.483	19.60291	27.6321	43.5	32.142	0.042805	2.917029	12.25	10430	83530.46	1.185896	44.74813
1763	1160.5	1763.826	1161.326	19.65555	27.65278	43.5	36.841	0.042087	2.917029	12.25	11339	92359.81	1.300677	49.11599
1764	1161.5	1764.669	1162.169	19.729	27.52867	43.6	16.654	0.029956	2.9193	12.25	12245	140021.6	1.92028	72.16512
1765	1162.5	1765.513	1163.013	19.78174	27.6321	43.3	36.162	0.044757	2.918922	12.25	13842	105953	1.477389	55.78244
1766	1163.5	1766.356	1163.856	19.79295	27.72173	43.2	47.302	0.05308	2.918543	12.25	15005	96858.26	1.359157	51.50106
1767	1164.5	1767.199	1164.699	19.80416	27.65967	43.2	22.026	0.037984	2.9193	12.25	16167	145798.6	1.995382	75.43959
1768	1165.5	1768.042	1165.542	19.77373	27.74241	43.3	41.628	0.049673	2.919679	12.25	17435	120217.9	1.662832	63.03498
1769	1166.5	1768.886	1166.386	19.82657	27.70794	44	42.976	0.052013	2.920815	12.25	18700	123091.7	1.700192	64.22903
1770	1167.5	1769.729	1167.229	19.90029	27.70794	44.1	28.888	0.042284	2.920436	12.25	18407	149059.2	2.03777	76.95763
1771	1168.5	1770.572	1168.072	19.95324	27.7562	44.2	38.549	0.047417	2.9193	12.25	18113	130852.1	1.801078	68.11581
1772	1169.5	1771.415	1168.915	19.92278	27.69415	44.2	37.915	0.043491	2.920058	12.25	18997	149587.4	2.044636	77.1542
1773	1170.5	1772.259	1169.759	19.97577	27.55625	44.2	12.493	0.02471	2.923843	12.25	19878	275135.3	3.676759	138.0514
1774	1171.5	1773.299	1170.799	20.02881	27.56315	44.4	27.281	0.032763	2.9193	12.25	20239	211603.2	2.850841	107
1775	1172.5	1774.339	1171.839	20.0401	27.59073	44.5	31.086	0.039332	2.918165	12.25	20154	175591.5	2.382689	89.49024
1776	1173.5	1775.379	1172.879	20.05139	27.59073	44.6	31.694	0.040574	2.918922	12.25	20069	169454.4	2.302907	86.46652
1777	1174.5	1776.419	1173.919	20.0836	27.61141	44.6	31.246	0.039898	2.918543	12.25	19710	169265.1	2.300446	86.43888
1778	1175.5	1777.459	1174.959	20.1577	27.59073	44.6	29.279	0.038737	2.920058	12.25	19349	171059	2.323767	87.24974
1779	1176.5	1778.499	1175.999	20.37847	27.59073	44.6	32.181	0.040603	2.920058	12.25	19276	162581	2.213553	83.11156
1780	1177.5	1779.539	1177.039	20.41088	27.57004	44.6	31.238	0.039296	2.920436	12.25	19207	167363.1	2.27572	85.38168
1781	1178.5	1780.579	1178.079	20.1288	27.58383	44.8	26.019	0.034976	2.921193	12.25	18683	182856.4	2.477134	92.92642
1782	1179.5	1781.619	1179.119	20.26598	27.52867	44.9	27.704	0.035571	2.921193	12.25	18154	174708.2	2.371206	88.7469
1783	1180.5	1782.659	1180.159	20.27736	27.54936	45	28.955	0.036643	2.922329	12.25	17186	160494.7	2.186431	81.86707
1784	1181.5	1783.7	1181.2	20.20472	27.51488	45	27.259	0.03563	2.920815	12.25	16218	155840.4	2.125925	79.50191
1785	1182.5	1784.74	1182.24	20.25807	27.5011	44.9	28.072	0.036542	2.922329	12.25	14850	139061.4	1.907798	71.33143
1786	1183.5	1785.78	1183.28	20.39558	27.54936	44.9	30.767	0.038158	2.920815	12.25	13482	120965.3	1.672549	62.64536
1787	1184.5	1786.82	1184.32	20.49115	27.47352	44.8	26.708	0.032689	2.922329	12.25	12635	132266.2	1.819461	67.98171
1788	1185.5	1787.86	1185.36	20.46052	27.63899	45.8	14.756	0.022384	2.92725	12.25	10528	160678.3	2.188818	82.01686
1789	1186.5	1788.9	1186.4	20.34559	27.58383	45.9	18.593	0.025831	2.928764	12.25	10380	137206.6	1.883685	70.42034
1790	1187.5	1789.94	1187.44	20.2516	27.60452	45.8	31.264	0.036502	2.92725	12.25	10227	95713.84	1.34428	50.30848
1791	1188.5	1790.98	1188.48	20.43159	27.59762	45.8	26.478	0.035902	2.928385	12.25	10354	98482.81	1.380276	51.64272
1792	1189.5	1792.02	1189.52	20.48519	27.53557	45.8	30.156	0.036744	2.927628	12.25	10476	97385.83	1.366016	50.99424
1793	1190.5	1793.06	1190.56	20.62328	27.5011	45.8	24.153	0.031793	2.9299	12.25	11587	124390.8	1.71708	64.01944
1794	1191.5	1794.1	1191.6	20.67702	27.52867	45.8	21.412	0.029153	2.928764	12.25	11730	137381.2	1.885955	70.38628
1795	1192.5	1795.14	1192.64	20.70968	27.57004	45.8	26.076	0.032909	2.928385	12.25	11867	123139.6	1.700815	63.572
1796	1193.5	1796.181	1193.681	20.70007	27.59073	45.8	27.666	0.036077	2.928385	12.25	12164	115137.3	1.596785	59.7284
1797	1194.5	1797.221	1194.721	20.73275	27.58383	45.8	31.408	0.037209	2.927628	12.25	12460	114381.9	1.586965	59.34626
1798	1195.5	1798.261	1195.761	20.80779	27.53557	45.8	20.124	0.030713	2.929521	12.25	13863	154078.1	2.103015	78.5069
1799	1196.5	1799.301	1196.801	20.81937	27.6252	45.8	31.242	0.037142	2.928385	12.25	13895	127751.2	1.760766	65.94449
1800	1197.5	1800.341	1197.841	20.89451	27.61831	45.7	28.019	0.037041	2.929143	12.25	13925	128341.7	1.768442	66.2362
1801	1198.5	1801.381	1198.881	20.88492	27.59762	45.7	29.324	0.038121	2.928007	12.25	14159	126851.6	1.749071	65.46162
1802	1199.5	1802.421	1199.921	20.85409	27.63899	45.7	32.359	0.039844	2.928385	12.25	14236	122010.1	1.686131	63.20057
1803	1200.5	1803.461	1200.961	20.88688	27.61831	45.7	26.945	0.034945	2.928385	12.25	14313	139868.8	1.918294	71.84885
1804	1201.5	1804.501	1202.001	20.91971	27.57004	45.7	22.731	0.031108	2.928385	12.25	14059	154331.2	2.106305	78.75285
1805	1202.5	1805.541	1203.041	20.9313	27.59762	45.7	27.119	0.033821	2.928385	12.25	13803	139367.1	1.911773	71.55096
1806	1203.5	1806.581	1204.081	20.96416	27.57004	45.7	26.425	0.033981	2.928764	12.25	13948	140147.9	1.921923	71.85898
1807	1204.5	1807.621	1205.121	21.03959	27.58383	45.7	25.561	0.033462	2.928385	12.25	13142	134117.4	1.843526	68.96225
1808	1205.5	1808.661	1206.161	20.98738	27.61141	45.7	27.289	0.034342	2.928007	12.25	12335	122670.8	1.69472	63.45912
1809	1206.5	1809.702	1207.202	20.97769	27.58383	45.7	25.344	0.03059	2.929143	12.25	11649	130007.2	1.790093	66.96345
1810	1207.5	1810.742	1208.242	21.07452	27.60452	45.7	13.909	0.022049	2.938985	12.25	10962	169165.2	2.299147	86.07054
1811	1208.5	1811.782	1209.282	21.10748	27.91478	46	21.784	0.027912	2.96359	12.25	10471	126584.1	1.745593	66.02011
1812	1209.5	1812.822	1210.322	21.07648	28.00441	46	29.047	0.035316	2.961697	12.25	9980	95416.22	1.340411	50.8585
1813	1210.5	1813.862	1211.362	21.10945	27.99062	46	26.627	0.033789	2.963211	12.25	9923	99106.17	1.38838	52.65263
1814	1211.5	1814.902	1212.402	21.12109	27.95615	46.1	21.93	0.029656	2.962076	12.25	9866	112313.9	1.560081	59.0728
1815	1212.5	1815.942	1213.442	21.15411	27.99752	46.1	23.873	0.030557	2.962833	12.25	10018	110651.3	1.538466	58.34056
1816	1213.5	1816.982	1214.482	21.25128	28.32847	46.4	25	0.03162	2.980624	12.25	9730	103238.4	1.442099	55.28068
1817	1214.5	1818.022	1215.522	21.30576	28.53531	46.6	23.502	0.030929	2.985924	12.25	10372	112310.3	1.560034	60.2005
1818	1215.5	1819.062	1216.562	21.31749	28.56289	46.6	25.145	0.030492	2.986302	12.25	11505	126348.3	1.742528	67.30778
1819	1216.5	1820.102	1217.602	21.3078	28.61115	46.6	18.034	0.030741	2.984788	12.25	13222	144100.9	1.973312	76.35095
1820	1217.5	1821.142	1218.642	21.31951	28.70078	46.7	45.996	0.052702	2.983652	12.25	13622	86629.08	1.226178	47.57676
1821	1218.5	1822.183	1219.683	21.28835	28.77663	46.8	43.616	0.055672	2.983274	12.25	14024	84438.61	1.197702	46.58011
1822	1219.5	1823.223	1220.723	21.06409	28.76284	46.8	39.016	0.050568	2.983652	12.25	14428	95628.09	1.343165	52.21232
1823	1220.5	1824.263	1221.763	21.24735	28.73526	46.8	36.005	0.047467	2.984409	12.25	15273	107812.6	1.501564	58.31373
1824	1221.5	1825.303	1222.803	21.3449	28.73526	46.8	38.2	0.050379	2.984409	12.25	16116	107189.7	1.493466	57.99922
1825	1222.5	1826.343	1223.843	21.42106	28.77663	46.8	45.999	0.055354	2.983274	12.25	16960	102702.9	1.435137	55.81427
1826	1223.5	1827.383	1224.883	21.3683	28.74905	46.8	35.798	0.047652	2.984031	12.25	17557	123470.7	1.705119	66.25062
1827	1224.5	1828.423	1225.923	21.31548	28.72836	46.7	32.906	0.03852	2.984409	12.25	18145	157838.8	2.151904	83.57598
1828	1225.5	1829.463	1226.963	21.24106	28.57668	46.8	12.111	0.02456	2.987059	12.25	18860	257080.7	3.442049	132.9354
1829	1226.5	1830.503	1228.003	21.31728	28.56289	46.7	33.119	0.039356	2.985166	12.25	19637	167145.9	2.272897	87.76663
1830	1227.5	1831.543	1229.043	21.37202	28.9421	46.7	38.843	0.048257	3.004093	12.25	20416	140831.6	1.930811	75.54704
1831	1228.5	1832.626	1230.126	21.34059	29.342	46.7	36.423	0.047762	3.021506	12.25	21440	148566.2	2.031361	80.57945
1832	1229.5	1833.71	1231.21	21.39538	29.27994	46.7	38.073	0.04879	3.021506	12.25	22469	152415.6	2.081402	82.38987

1833	1230.5	1834.793	1232.293	21.42864	29.23168	46.7	38.685	0.04912	3.02302	12.25	22317	150292.2	2.053798	81.1632
1834	1231.5	1835.876	1233.376	21.44033	29.23168	46.7	36.125	0.047353	3.022263	12.25	22165	154876.9	2.1134	83.51857
1835	1232.5	1836.959	1234.459	21.38721	29.25236	46.7	37.518	0.048719	3.023399	12.25	22013	149446.4	2.042803	80.78581
1836	1233.5	1838.042	1235.542	21.39886	29.24547	46.7	40.872	0.051098	3.021885	12.25	22551	146043.5	1.998565	79.01773
1837	1234.5	1839.125	1236.625	21.4754	29.22478	46.8	37.152	0.048259	3.021885	12.25	23085	158297.4	2.157866	85.22905
1838	1235.5	1840.208	1237.708	21.48709	29.2041	46.8	35.445	0.046538	3.022642	12.25	23623	167934.6	2.28315	90.11357
1839	1236.5	1841.292	1238.792	21.47713	29.211	46.8	37.972	0.047157	3.023778	12.25	23532	165029.1	2.245379	88.64368
1840	1237.5	1842.375	1239.875	21.44548	29.22478	46.9	32.457	0.043585	3.023399	12.25	23436	177849.3	2.41204	95.23839
1841	1238.5	1843.458	1240.958	21.45714	29.21789	46.9	35.34	0.044786	3.024535	12.25	22673	167383.5	2.275985	89.8451
1842	1239.5	1844.541	1242.041	21.46879	29.22478	46.9	34.919	0.044499	3.024535	12.25	21905	162753.8	2.2158	87.48992
1843	1240.5	1845.624	1243.124	21.43705	29.19721	46.9	32.386	0.042384	3.024156	12.25	21454	167381.1	2.275954	89.78026
1844	1241.5	1846.707	1244.207	21.4921	29.2041	46.9	33.078	0.039156	3.024913	12.25	20607	173981.6	2.36176	93.1871
1845	1242.5	1847.79	1245.29	21.5472	29.16273	46.9	17.8	0.034677	3.017342	12.25	18018	172203.1	2.338641	92.14416
1846	1243.5	1848.874	1246.374	21.51542	29.13515	47	57.344	0.062735	3.013178	12.25	18332	96977.97	1.360714	53.54568
1847	1244.5	1849.957	1247.457	21.50533	29.16273	47	45.22	0.058342	3.010907	12.25	18652	106181.7	1.480362	58.30913
1848	1245.5	1851.04	1248.54	21.42994	29.12136	47	33.694	0.046454	3.013178	12.25	18970	135525.2	1.861827	73.23043
1849	1246.5	1852.123	1249.623	21.44154	29.16963	47	36.516	0.046312	3.011286	12.25	19692	141203.5	1.935645	76.26004
1850	1247.5	1853.206	1250.706	21.43136	29.2041	47	36.092	0.046064	3.01015	12.25	20416	147237.4	2.014086	79.44421
1851	1248.5	1854.289	1251.789	21.44294	29.21789	47.1	33.812	0.043946	3.01015	12.25	20648	156088.4	2.129149	83.99622
1852	1249.5	1855.372	1252.872	21.43272	29.19031	47.1	33.483	0.0429	3.010907	12.25	20879	161641.4	2.201338	86.76215
1853	1250.5	1856.455	1253.955	21.4443	29.211	47.1	32.205	0.041654	3.010529	12.25	20182	160939.1	2.192208	86.46351
1854	1251.5	1857.539	1255.039	21.49952	29.2041	46.9	31.839	0.041381	3.010529	12.25	19481	156376	2.132888	84.15656
1855	1252.5	1858.622	1256.122	21.57663	29.22478	46.6	33.306	0.044428	3.009014	12.25	19148	143232.5	1.962022	77.54229
1856	1253.5	1859.705	1257.205	21.54456	29.27305	46.6	42.007	0.048987	3.009772	12.25	18817	127624	1.759112	69.63778
1857	1254.5	1860.788	1258.288	21.53431	29.22478	46.6	26.986	0.035448	3.010529	12.25	18484	173204	2.351652	92.94111
1858	1255.5	1861.871	1259.371	21.61153	29.25236	46.6	15.266	0.024116	3.009772	12.25	17906	246693.8	3.307019	130.8221
1859	1256.5	1862.854	1260.354	21.68882	29.19031	46.7	24.35	0.032049	3.010529	12.25	19418	201256.1	2.71633	107.1936
1860	1257.5	1863.837	1261.337	21.72238	29.24547	46.7	36.707	0.045317	3.009393	12.25	19962	146373.3	2.002853	79.18726
1861	1258.5	1864.82	1262.32	21.66833	29.27994	46.8	40.036	0.050048	3.0075	12.25	20503	136216.3	1.870812	74.03076
1862	1259.5	1865.803	1263.303	21.37308	29.23857	46.8	36.41	0.046962	3.008257	12.25	21047	148981.6	2.036761	80.48372
1863	1260.5	1866.786	1264.286	21.51616	29.23857	46.8	33.202	0.043139	3.009393	12.25	19592	150915.4	2.061901	81.47715
1864	1261.5	1867.769	1265.269	21.52771	29.30063	46.9	31.842	0.04127	3.008636	12.25	18138	146078	1.999014	79.13505
1865	1262.5	1868.751	1266.251	21.3636	29.29373	46.9	31.781	0.04062	3.009014	12.25	17660	144488	1.978344	78.29835
1866	1263.5	1869.734	1267.234	21.33112	29.29373	46.9	30.353	0.040149	3.010907	12.25	17177	142095.4	1.94724	77.06733
1867	1264.5	1870.717	1268.217	21.32057	29.29373	46.9	33.931	0.042486	3.011286	12.25	16910	132174.8	1.818272	71.96309
1868	1265.5	1871.7	1269.2	21.28801	29.32131	47	31.94	0.03981	3.009772	12.25	16640	138876.9	1.9054	75.45881
1869	1266.5	1872.683	1270.183	21.29941	29.25236	47.1	23.854	0.03365	3.010907	12.25	15726	155215.3	2.117799	83.64705
1870	1267.5	1873.666	1271.166	21.48692	29.27994	47.5	29.48	0.036473	3.01015	12.25	14813	134922.2	1.853988	73.20486
1871	1268.5	1874.649	1272.149	21.43233	29.27994	47.6	28.219	0.037647	3.010907	12.25	14366	126736.7	1.747578	68.98172
1872	1269.5	1875.632	1273.132	21.37767	29.31442	47.6	33.111	0.042562	3.009393	12.25	13914	108631.2	1.512205	59.76119
1873	1270.5	1876.615	1274.115	21.25679	29.32821	47.6	37.708	0.044541	3.01015	12.25	13095	97668.31	1.369688	54.15449
1874	1271.5	1877.598	1275.098	21.20195	29.14205	47.7	23.655	0.036105	3.003715	12.25	12276	113196.5	1.571554	61.72219
1875	1272.5	1878.581	1276.081	21.14704	29.15584	47.6	35.949	0.039288	2.997658	12.25	12303	104464	1.458033	57.30863
1876	1273.5	1879.563	1277.063	21.13623	29.25236	47.5	15.663	0.028557	2.996144	12.25	12324	144035.8	1.972465	77.80958
1877	1274.5	1880.546	1278.046	21.1475	29.23857	47.4	34.499	0.041453	2.996144	12.25	13192	106215.8	1.480805	58.40531
1878	1275.5	1881.529	1279.029	21.31353	29.24547	47.4	39.546	0.049474	2.995766	12.25	14060	94862.93	1.333218	52.59664
1879	1276.5	1882.512	1280.012	21.30276	29.28684	47.4	37.907	0.049048	2.994251	12.25	14952	101809.1	1.423519	56.23851
1880	1277.5	1883.495	1280.995	21.07064	29.27994	47.3	37.43	0.047927	2.993494	12.25	15843	110428.7	1.535573	60.67006
1881	1278.5	1884.478	1281.978	21.41402	29.26615	47.3	35.749	0.046753	2.995008	12.25	16028	114465.2	1.588048	62.71378
1882	1279.5	1885.461	1282.961	21.35893	29.26615	47.3	37.479	0.047537	2.993873	12.25	16207	113876.9	1.580399	62.41171
1883	1280.5	1886.444	1283.944	21.48112	29.28684	47.3	35.896	0.046514	2.994251	12.25	16206	116360	1.61268	63.73155
1884	1281.5	1887.427	1284.927	21.51471	29.3351	47.3	35.729	0.046364	2.993116	12.25	16205	116774	1.618063	64.04963
1885	1282.5	1888.41	1285.91	21.52613	29.32131	47.3	37.28	0.047144	2.992737	12.25	16204	114848.1	1.593025	63.0289
1886	1283.5	1889.392	1286.892	21.53755	29.34889	47.3	34.881	0.045038	2.992737	12.25	16583	123030.4	1.699396	67.30075
1887	1284.5	1890.375	1287.875	21.54897	29.32821	47.3	33.11	0.042246	2.993873	12.25	16958	134078.6	1.843022	72.9373
1888	1285.5	1891.358	1288.858	21.56039	29.30063	47.3	29.577	0.039627	2.993116	12.25	17183	144872.8	1.983347	78.41682
1889	1286.5	1892.341	1289.841	21.57181	29.342	47.2	33.274	0.041897	2.992737	12.25	17406	138820	1.90466	75.43562
1890	1287.5	1893.324	1290.824	21.53873	29.27994	47.2	32.598	0.04134	2.993494	12.25	15738	127176	1.753288	69.29355
1891	1288.5	1894.307	1291.807	21.61691	29.28684	47.3	29.009	0.038452	2.994251	12.25	16071	139583	1.914579	75.66228
1892	1289.5	1895.29	1292.79	21.71744	29.30063	47.3	30.584	0.039876	2.993494	12.25	16128	135109.9	1.856429	73.39881
1893	1290.5	1896.273	1293.773	21.70663	29.34889	47.3	34.51	0.043975	2.994251	12.25	16180	122880.4	1.697446	67.22352
1894	1291.5	1897.256	1294.756	21.62891	29.30063	47.3	36.335	0.045171	2.99463	12.25	17109	126480.9	1.744252	68.96357
1895	1292.5	1898.239	1295.739	21.90804	29.26615	47.2	30.681	0.041057	2.994251	12.25	18036	146710.2	2.007233	79.29258
1896	1293.5	1899.222	1296.722	21.94192	29.30063	47	32.301	0.04047	2.993873	12.25	18332	151301.6	2.066921	81.79774
1897	1294.5	1900.204	1297.704	21.9535	29.211	47	28.737	0.039484	2.99463	12.25	18627	157534.4	2.147947	84.74427
1898	1295.5	1901.187	1298.687	21.98741	29.21789	47	36.779	0.045927	2.995387	12.25	17755	129063.6	1.777827	70.15827
1899	1296.5	1902.17	1299.67	22.06607	29.27305	47	38.201	0.047639	2.994251	12.25	16882	118351.5	1.638569	64.78481
1900	1297.5	1903.153	1300.653	22.12243	29.30063	47	32.452	0.042575	2.993494	12.25	16011	125626.5	1.733144	68.58863
1901	1298.5	1904.136	1301.636	22.22359	29.25236	47	30.426	0.039476	2.995387	12.25	14302	120952.9	1.672387	66.07517
1902	1299.5	1905.119	1302.619	22.23528	29.22478	47	29.831	0.039764	2.995766	12.25	12599	105763.9	1.47493	58.2188
1903	1300.5	1906.102	1303.602	22.22457	28.96278	46.7	35.582	0.04374	2.974189	12.25	9106	69996.78	1.009958	39.54497
1904	1301.5	1907.085	1304.585	22.19141	28.85247	46.6	31.705	0.04269	2.965104	12.25	9566	75573.01	1.082449	42.23514
1905	1302.5	1908.068	1305.568	22.15821	28.88694	46.6	36.566	0.045733	2.965104	12.25	10027	73943.7	1.061268	41.45817
1906	1303.5	1909.051	1306.551	22.19229	28.90073	46.6	35.183	0.045352	2.964347	12.25	11172	83100.9	1.180312	46.13059
1907	1304.5	1910.033	1307.533	22.31618	28.92831	46.7	34.078	0.043857	2.963968	12.25	12320	94777.01	1.332101	52.09642
1908	1305.5	1911.016	1308.516	22.39527	28.90763	46.7	32.911	0.042363	2.963211	12.25	13467	107280.2	1.494642	58.41135
1909	1306.5	1911.999	1309.499	22.40701	28.88005	46.7	31.724	0.040578	2.964725	12.25	14823	123213.3	1.701773	66.44268
1910	1307.5	1912.982	1310.482	22.39626	28.91452	46.8	29.32	0.038213	2.963211	12.25	16178	142871.5	1.95733	76.48774
1911	1308.5	1913.965	1311.465	22.38549	28.91452	46.7	29.101	0.039184	2.962454	12.25	16932	145864.2	1.996235	78.03245
1912	1309.5	1914.948	1312.448	22.48724	28.96968	46.7	36.904	0.046228	2.962076	12.25	17683	129138.2	1.778796	69.66546

1913	1310.5	1915.931	1313.431	22.47648	28.96968	46.7	38.742	0.048169	2.96094	12.25	17308	121353.6	1.677597	65.70205
1914	1311.5	1916.914	1314.414	22.5333	29.01105	46.7	32.632	0.044145	2.960561	12.25	16933	129561.9	1.784305	69.98099
1915	1312.5	1917.897	1315.397	22.49998	28.98347	46.7	36.481	0.04533	2.960183	12.25	17073	127235.7	1.754064	68.72952
1916	1313.5	1918.88	1316.38	22.53429	28.97657	46.7	32.716	0.042728	2.96094	12.25	17210	136032.1	1.868417	73.19282
1917	1314.5	1919.863	1317.363	22.56862	28.98347	46.7	31.8	0.041092	2.959804	12.25	21127	173707.2	2.358194	92.40118
1918	1315.5	1920.845	1318.345	22.64813	28.98347	46.7	31.605	0.041419	2.960561	12.25	25042	204218.9	2.754845	107.9432
1919	1316.5	1921.828	1319.328	22.65994	29.01794	46.7	34.825	0.044643	2.959047	12.25	25320	191671.6	2.59173	101.6726
1920	1317.5	1922.811	1320.311	22.62654	29.03863	46.7	37.167	0.046988	2.959047	12.25	25597	184100.3	2.493304	97.88112
1921	1318.5	1923.794	1321.294	22.66094	29.03863	46.7	35.506	0.045505	2.959426	12.25	25875	192136.6	2.597776	101.9824
1922	1319.5	1924.777	1322.277	22.67274	29.03173	46.7	32.9	0.04275	2.960183	12.25	26193	206980.8	2.79075	109.5321
1923	1320.5	1925.76	1323.26	22.77509	29.01105	46.6	32.143	0.041848	2.959804	12.25	26508	214011.2	2.882145	113.074
1924	1321.5	1926.743	1324.243	22.78693	29.01794	46.5	33.574	0.042474	2.959047	12.25	26249	208849.8	2.815048	110.5024
1925	1322.5	1927.726	1325.226	22.77611	29.05242	46.5	31.525	0.040574	2.958669	12.25	25989	216492.5	2.914402	114.5384
1926	1323.5	1928.709	1326.209	22.78795	28.99036	46.5	29.434	0.03864	2.958669	12.25	25256	220916.7	2.971917	116.5493
1927	1324.5	1929.692	1327.192	22.89052	29.02484	46.4	30.833	0.03851	2.960561	12.25	24518	215050.2	2.895653	113.7291
1928	1325.5	1930.674	1328.174	22.9251	28.98347	46.4	26.72	0.036383	2.959804	12.25	22549	209396.6	2.822156	110.6844
1929	1326.5	1931.657	1329.157	22.86886	29.01105	46.3	31.859	0.038897	2.959426	12.25	20577	178754.9	2.423813	95.18174
1930	1327.5	1932.64	1330.14	22.92616	29.00415	46.3	27.135	0.035948	2.959804	12.25	19632	184515.2	2.498698	98.09909
1931	1328.5	1933.623	1331.123	23.02897	28.97657	46.2	27.145	0.032582	2.959426	12.25	18687	193798.8	2.619385	102.7716
1932	1329.5	1934.606	1332.106	22.99541	29.08689	45.8	16.144	0.025643	2.952233	12.25	15681	207133	2.792729	110.1279
1933	1330.5	1935.589	1333.089	23.03007	29.06621	45.6	27.797	0.034364	2.949584	12.25	18071	178284.4	2.417697	95.33097
1934	1331.5	1936.572	1334.072	23.06475	29.06621	45.6	32.833	0.041422	2.949584	12.25	20461	167468.6	2.277091	89.78682
1935	1332.5	1937.555	1335.055	23.1678	29.05931	45.5	33.931	0.043646	2.949205	12.25	22325	173438.7	2.354703	92.85417
1936	1333.5	1938.538	1336.038	23.15698	29.06621	45.5	34.866	0.044557	2.949962	12.25	24185	183998.1	2.491975	98.29062
1937	1334.5	1939.521	1337.021	23.16894	29.06621	45.5	34.276	0.044448	2.949584	12.25	24722	188569	2.551396	100.6344
1938	1335.5	1940.504	1338.004	23.24935	29.03173	45.5	35.193	0.044923	2.949584	12.25	25258	190620.1	2.578062	101.5655
1939	1336.5	1941.486	1338.986	23.23852	29.04552	45.5	34.329	0.042647	2.949962	12.25	24580	195380.2	2.639943	104.0528
1940	1337.5	1942.469	1339.969	23.18198	29.01105	45.6	26.258	0.036246	2.949584	12.25	23900	223553.9	3.0062	118.311
1941	1338.5	1943.452	1340.952	23.30819	29.02484	45.5	29.572	0.037469	2.950719	12.25	25187	227810.8	3.06154	120.584
1942	1339.5	1944.435	1341.935	23.36592	29.01794	45.5	30.09	0.039706	2.949584	12.25	26472	226033.6	3.038437	119.6456
1943	1340.5	1945.418	1342.918	23.35508	29.05931	45.4	35.128	0.043949	2.949205	12.25	25757	198718.9	2.683346	105.847
1944	1341.5	1946.401	1343.901	23.34421	29.05931	45.4	34.236	0.044501	2.948827	12.25	25041	190821.8	2.580684	101.7973
1945	1342.5	1947.384	1344.884	23.40202	29.05931	45.4	35.34	0.045047	2.94807	12.25	24325	183166.6	2.481166	97.87178
1946	1343.5	1948.367	1345.867	23.36823	29.07999	45.4	34.36	0.043978	2.948448	12.25	24594	189669	2.565697	101.2782
1947	1344.5	1949.35	1346.85	23.38024	29.05931	45.4	32.194	0.041407	2.948448	12.25	24860	203627.7	2.74716	108.3641
1948	1345.5	1950.333	1347.833	23.41518	29.04552	45.4	29.852	0.038758	2.948827	12.25	24725	216336.7	2.912377	114.8268
1949	1346.5	1951.315	1348.815	23.51898	29.04552	45.3	29.039	0.03758	2.949205	12.25	24588	221851.6	2.984071	117.6904
1950	1347.5	1952.298	1349.798	23.48514	29.02484	45.3	29.144	0.038115	2.949584	12.25	24453	217509.4	2.927622	115.3818
1951	1348.5	1953.281	1350.781	23.45124	29.06621	45.3	32.03	0.039521	2.948827	12.25	23827	204454.7	2.757911	108.8482
1952	1349.5	1954.264	1351.764	23.46326	29.01105	45.3	26.933	0.036812	2.949584	12.25	23202	213684.4	2.877897	113.3682
1953	1350.5	1955.247	1352.747	23.54426	29.03173	45.3	31.812	0.040718	2.94807	12.25	22078	183924.8	2.491022	98.19813
1954	1351.5	1956.23	1353.73	23.4643	29.06621	45.3	35.595	0.044779	2.948827	12.25	20955	158695.7	2.163044	85.37021
1955	1352.5	1957.213	1354.713	23.38424	29.05242	45.3	34.513	0.044858	2.94807	12.25	19831	149955.4	2.049421	80.8474
1956	1353.5	1958.196	1355.696	23.44226	29.05931	45.3	35.429	0.046874	2.948448	12.25	19049	137829.6	1.891784	74.64654
1957	1354.5	1959.179	1356.679	23.26993	29.09378	45.3	42.243	0.052295	2.947691	12.25	18271	118528.3	1.640868	64.8226
1958	1355.5	1960.162	1357.662	23.48928	29.09378	45.4	39.334	0.049772	2.947691	12.25	17491	119218.5	1.64984	65.1566
1959	1356.5	1961.145	1358.645	23.57047	29.05242	45.3	32.4	0.043308	2.947691	12.25	15292	119787.9	1.657243	65.37643
1960	1357.5	1962.127	1359.627	23.62865	29.211	45.2	32.916	0.042044	2.948448	12.25	13091	105601.8	1.472824	58.43677
1961	1358.5	1963.11	1360.61	23.61762	29.27994	45.2	31.896	0.041747	2.952991	12.25	8308	67392.81	0.976107	38.82009
1962	1359.5	1964.093	1361.593	23.53727	29.30752	45.2	34.072	0.04574	2.951476	12.25	13367	99015.13	1.387197	55.22125
1963	1360.5	1965.076	1362.576	23.50304	29.31442	45.2	44.999	0.054739	2.951855	12.25	15931	98594.14	1.381724	55.01633
1964	1361.5	1966.059	1363.559	23.63063	29.08689	45.2	41.059	0.051273	2.937849	12.25	17897	118811.8	1.644554	64.97322
1965	1362.5	1967.042	1364.542	23.66579	28.9352	45.2	29.739	0.041138	2.931035	12.25	19862	164723.5	2.241405	88.09192
1966	1363.5	1968.025	1365.525	23.72413	28.87315	45.2	31.722	0.039725	2.929143	12.25	21830	187608	2.538904	99.57025
1967	1364.5	1969.008	1366.508	23.64356	28.9352	45.2	28.522	0.037648	2.923464	12.25	23799	216230.8	2.911	114.4084
1968	1365.5	1969.979	1367.479	23.42389	28.92831	45.3	29.66	0.039255	2.930657	12.25	21128	183654.5	2.487508	97.71029
1969	1366.5	1970.95	1368.45	23.31989	29.01794	45.3	35.796	0.044521	2.9299	12.25	21606	165636.8	2.253278	88.78388
1970	1367.5	1971.921	1369.421	23.28535	28.99726	45.4	34.659	0.044283	2.931035	12.25	22084	170143.3	2.311863	90.99875
1971	1368.5	1972.892	1370.392	23.34358	29.04552	45.4	31.964	0.041551	2.928764	12.25	21717	178457.6	2.419949	95.41171
1972	1369.5	1973.863	1371.363	23.30899	29.05931	45.4	31.145	0.041556	2.929143	12.25	21352	175414.7	2.380391	93.89664
1973	1370.5	1974.834	1372.334	23.52986	29.07999	45.4	37.139	0.045672	3.739597	12.25	21237	124341.9	1.716445	67.75487
1974	1371.5	1975.805	1373.305	23.56503	29.03863	45.4	33.167	0.043382	3.721427	12.25	22471	139187.4	1.909436	75.26577
1975	1372.5	1976.776	1374.276	23.55371	28.99726	45.4	32.389	0.041405	3.251659	12.25	22758	169034	2.297442	90.43111
1976	1373.5	1977.747	1375.247	23.5889	29.00415	45.4	30.258	0.03916	2.930657	12.25	23043	200786.7	2.710227	106.7044
1977	1374.5	1978.718	1376.218	23.53102	29.47989	45.4	29.094	0.037865	2.957154	12.25	23277	207878.5	2.802421	112.1439
1978	1375.5	1979.689	1377.189	23.51963	29.61089	45.4	29.849	0.039021	2.966618	12.25	24176	208847.1	2.815012	113.1483
1979	1376.5	1980.66	1378.16	23.67131	29.65226	45.3	33.377	0.040676	2.966239	12.25	25073	207810.3	2.801534	112.7993
1980	1377.5	1981.631	1379.131	23.70658	29.604	45.3	26.223	0.03721	2.966618	12.25	24822	224863	3.023219	121.5269
1981	1378.5	1982.602	1380.102	23.69524	29.70742	45.3	35.158	0.043069	2.964347	12.25	43606	341549.5	4.540143	183.1417
1982	1379.5	1983.573	1381.073	23.82387	29.70052	45.3	33.88	0.043117	2.957533	12.25	50917	399287.1	5.290732	213.3696
1983	1380.5	1984.544	1382.044	23.88258	29.71431	45.3	30.281	0.04053	2.965861	12.25	58228	484402.5	6.397232	258.1134
1984	1381.5	1985.515	1383.015	23.82455	29.76258	45.3	33.897	0.042756	2.96359	12.25	60490	477388.8	6.306054	254.8478
1985	1382.5	1986.486	1383.986	23.67297	29.80394	45.3	33.406	0.041897	2.963211	12.25	62749	505425.4	6.67053	269.9522
1986	1383.5	1987.457	1384.957	23.47447	29.81773	45.3	27.754	0.037337	2.962454	12.25	48638	439730.8	5.816501	235.499
1987	1384.5	1988.428	1385.928	23.41611	29.866	45.3	29.597	0.037175	2.962833	12.25	42634	387081.7	5.132062	208.1237
1988	1385.5	1989.399	1386.899	23.4513	29.55573	45.2	27.121	0.037004	2.946934	12.25	36630	335907.7	4.466801	179.3195
1989	1386.5	1990.37	1387.87	23.65043	29.37647	45.2	34.386	0.043285	2.935199	12.25	30624	241037.9	3.233493	129.0211
1990	1387.5	1991.341	1388.841	23.80289	29.38336	45.3	37.078	0.047147	2.934064	12.25	24622	177991.9	2.413895	96.31026
1991	1388.5	1992.312	1389.812	23.79141	29.39715	45.3	37.044	0.04809	2.934821	12.25	20620	146099.6	1.999295	79.80589
1992	1389.5	1993.283	1390.783	23.75645	29.39715	45.3	38.885	0.048717	2.934442	12.25	16621	116266.4	1.611463	64.3248

1993	1390.5	1994.254	1391.754	23.76838	29.38336	45.3	34.474	0.045675	2.934442	12.25	12621	94165.28	1.324149	52.83126
1994	1391.5	1995.225	1392.725	23.82726	29.36268	45.2	36.1	0.045885	2.933685	12.25	13371	99329.51	1.391284	55.48818
1995	1392.5	1996.196	1393.696	23.86269	29.32821	45.1	34.987	0.044968	2.934064	12.25	14126	107064.9	1.491843	59.44758
1996	1393.5	1997.167	1394.667	23.92165	29.36957	45.1	33.538	0.042945	2.934442	12.25	14878	118060.8	1.63479	65.23567
1997	1394.5	1998.138	1395.638	23.91013	29.36268	45	31.019	0.040528	2.933306	12.25	15630	131476.3	1.809192	72.20086
1998	1395.5	1999.109	1396.609	24.11028	29.3351	45	31.278	0.040804	2.933685	12.25	17076	142650	1.95445	77.92455
1999	1396.5	2000.08	1397.58	24.00467	29.40405	45	34.047	0.043552	2.933685	12.25	18519	144943.1	1.98426	79.299
2000	1397.5	2001.051	1398.551	23.9225	29.43163	45	35.52	0.04358	2.932171	12.25	19960	156201.2	2.130616	85.22785
2001	1398.5	2002.022	1399.522	23.9109	29.36957	45.1	26.99	0.038938	2.932171	12.25	19112	167397	2.276161	90.82933
2002	1399.5	2002.993	1400.493	24.0407	29.43852	45.1	38	0.045498	2.935578	12.25	18264	136745.6	1.877693	75.10451
2003	1400.5	2003.964	1401.464	24.07629	29.41784	45.1	33.065	0.043736	2.931792	12.25	18271	142490.7	1.952379	78.03696
2004	1401.5	2004.935	1402.435	24.06472	29.44542	45.1	33.586	0.042726	2.932549	12.25	18276	145863.9	1.99623	79.86452
2005	1402.5	2005.906	1403.406	24.05312	29.39715	45	31.726	0.04104	2.932549	12.25	18346	152435.5	2.081661	83.17203
2006	1403.5	2006.877	1404.377	24.08873	29.40405	45	30.79	0.040003	2.932928	12.25	18338	156300.1	2.131902	85.19936
2007	1404.5	2007.848	1405.348	24.24251	29.39026	45	31.559	0.040855	2.932928	12.25	19009	158638.8	2.162304	86.37384
2008	1405.5	2008.819	1406.319	24.27823	29.43163	45.1	33.392	0.042077	2.932171	12.25	19022	154177.2	2.104303	84.14883
2009	1406.5	2009.79	1407.29	24.33762	29.40405	45.2	30.986	0.040332	2.932928	12.25	19009	160695.4	2.18904	87.42788
2010	1407.5	2010.761	1408.261	24.39706	29.39715	45.2	30.645	0.038806	2.932171	12.25	18944	166487.9	2.264342	90.41416
2011	1408.5	2011.732	1409.232	24.36185	29.31442	45.2	27.301	0.036452	2.935578	12.25	18896	176585.6	2.395612	95.3865
2012	1409.5	2012.703	1410.203	24.32659	29.32821	45.2	30.046	0.037863	2.934442	12.25	18824	169421.1	2.302475	91.72115
2013	1410.5	2013.674	1411.174	24.12539	29.34889	45.2	28.988	0.039114	2.933685	12.25	18555	161701.2	2.202115	87.7851
2014	1411.5	2014.645	1412.145	24.16109	29.35579	45.2	36.305	0.046603	2.934442	12.25	18325	133999.2	1.841989	73.4463
2015	1412.5	2015.616	1413.116	24.2917	29.34889	45.2	43	0.054348	2.934821	12.25	18142	113741.6	1.578641	62.93093
2016	1413.5	2016.587	1414.087	24.42242	29.32131	45.2	45	0.061173	2.935199	12.25	17206	95825.99	1.345738	53.59607
2017	1414.5	2017.558	1415.058	24.33955	29.27994	45.2	62.114	0.068826	2.934821	12.25	16407	81226.38	1.155943	45.97225
2018	1415.5	2018.529	1416.029	24.37538	29.23857	45	27.326	0.043554	2.918922	12.25	19638	154470.9	2.108122	83.77492
2019	1416.5	2019.5	1417	24.435	29.22478	44.9	31.578	0.038539	2.918165	12.25	20372	181141.9	2.454845	97.53803
2020	1417.5	2020.471	1417.971	24.4471	29.18342	44.9	25.986	0.036161	2.918922	12.25	21106	199962.1	2.699507	107.1073
2021	1418.5	2021.442	1418.942	24.38782	29.211	44.9	33.015	0.041688	2.917408	12.25	22018	181037	2.453481	97.43785
2022	1419.5	2022.413	1419.913	24.51891	29.23168	44.9	36.254	0.046471	2.915894	12.25	22930	169219.9	2.299859	91.40154
2023	1420.5	2023.384	1420.884	24.43577	29.25236	44.9	38.56	0.049429	2.916651	12.25	22420	155515.4	2.1217	84.38079
2024	1421.5	2024.355	1421.855	24.51934	29.27305	44.8	39.882	0.050505	2.916272	12.25	21913	148779.6	2.034135	80.98095
2025	1422.5	2025.326	1422.826	24.60297	28.83178	44.8	37.303	0.047987	2.923464	12.25	22442	159970.1	2.179611	85.46449
2026	1423.5	2026.297	1423.797	24.51971	29.19721	44.9	34.564	0.045784	2.925736	12.25	22968	171465.8	2.329056	92.45273
2027	1424.5	2027.268	1424.768	24.60341	29.54194	44.8	37.829	0.047558	2.910973	12.25	23497	169726	2.306438	92.66506
2028	1425.5	2028.239	1425.739	24.20966	29.74189	44.8	35.779	0.045992	2.904916	12.25	22947	171755.3	2.332819	94.3593
2029	1426.5	2029.21	1426.71	24.29326	29.87289	44.8	33.414	0.04332	2.901509	12.25	22396	178178.2	2.416317	98.16718
2030	1427.5	2030.181	1427.681	24.52033	30.32795	44.7	32.472	0.039773	2.889396	12.25	21304	185380.8	2.509951	103.5571
2031	1428.5	2031.152	1428.652	24.5324	30.32795	44.8	22.072	0.031187	2.887503	12.25	20208	224403.9	3.017251	124.4485
2032	1429.5	2032.123	1429.623	24.30526	29.89358	44.8	24.595	0.032304	2.875011	12.25	18642	200721.6	2.709381	110.1497
2033	1430.5	2033.094	1430.594	24.31722	29.50747	44.8	30.111	0.038373	2.85987	12.25	18636	169816.3	2.307612	92.60404
2034	1431.5	2034.065	1431.565	24.47286	29.43852	44.7	33.81	0.041428	2.862141	12.25	18627	157093.6	2.142216	85.79284
2035	1432.5	2035.036	1432.536	24.29323	29.30752	44.7	27.736	0.035796	2.863277	12.25	19166	186995	2.530936	100.9095
2036	1433.5	2036.007	1433.507	24.18532	29.23857	45.8	22.085	0.027634	2.866683	12.25	19704	248735.9	3.333567	132.1407
2037	1434.5	2036.978	1434.478	24.1972	29.30063	50.9	12.718	0.017133	2.812931	12.25	16956	351825.4	4.67373	182.7353
2038	1435.5	2037.965	1435.465	24.20907	30.21763	52.5	6.897	0.015762	2.950719	12.25	15681	337165.1	4.483146	179.8814
2039	1436.5	2038.953	1436.453	24.12493	29.15584	51.5	33.156	0.035681	2.901131	12.25	16222	156709.9	2.137229	82.99562
2040	1437.5	2039.941	1437.441	24.16078	29.18342	51.5	26.782	0.033992	2.91173	12.25	16602	167740.1	2.280621	88.64778
2041	1438.5	2040.929	1438.429	24.17263	29.19721	51.2	18.144	0.028493	2.899238	12.25	16984	205597.4	2.772766	107.9281
2042	1439.5	2041.916	1439.416	24.13639	29.13515	50.9	33.442	0.040761	2.900752	12.25	18884	159713.6	2.176277	84.60837
2043	1440.5	2042.904	1440.404	24.31657	29.16963	50.8	38.065	0.046279	2.900752	12.25	18361	136773.2	1.878052	73.12308
2044	1441.5	2043.892	1441.392	24.25628	29.12826	50.8	29.995	0.040614	2.901888	12.25	17837	151345.1	2.067487	80.38467
2045	1442.5	2044.88	1442.38	24.24408	29.14894	50.9	31.247	0.039881	2.901509	12.25	17315	149636.3	2.045272	79.55288
2046	1443.5	2045.868	1443.368	24.30411	29.12826	50.9	30.892	0.041552	2.901131	12.25	15730	130489.1	1.796359	69.82155
2047	1444.5	2046.855	1444.355	24.29188	29.11447	49.7	38.848	0.048365	2.887882	12.25	14148	101295.1	1.416836	55.24866
2048	1445.5	2047.843	1445.343	24.35197	29.14894	49.2	39.133	0.049516	2.879175	12.25	16774	117658.7	1.629564	63.71775
2049	1446.5	2048.831	1446.331	24.5086	29.16963	49.1	35.403	0.045034	2.87804	12.25	17463	134734.1	1.851543	72.47124
2050	1447.5	2049.819	1447.319	24.56883	29.12136	48.8	29.151	0.040953	2.879554	12.25	18150	153909.9	2.100828	82.16896
2051	1448.5	2050.807	1448.307	24.58082	29.16963	48.8	38.866	0.046368	2.878797	12.25	18942	141904.3	1.944755	76.1906
2052	1449.5	2051.794	1449.294	24.64112	29.16273	48.7	31.497	0.043604	2.878418	12.25	19734	157230.6	2.143998	84.00267
2053	1450.5	2052.782	1450.282	24.67729	29.19721	48.7	38.374	0.046694	2.87804	12.25	19949	148444.2	2.029774	79.62133
2054	1451.5	2053.77	1451.27	24.7135	29.16963	48.7	32.638	0.043981	2.877661	12.25	20161	159296.3	2.170851	85.0749
2055	1452.5	2054.758	1452.258	24.72553	29.22478	48.6	36.061	0.044525	2.869333	12.25	20373	159467.2	2.173074	85.34955
2056	1453.5	2055.745	1453.245	24.81017	29.18342	48.5	30.639	0.040429	2.876904	12.25	16393	140942.7	1.932255	75.80728
2057	1454.5	2056.733	1454.233	24.82224	29.2041	48.4	29.813	0.039077	2.87804	12.25	12411	110353.4	1.534594	60.26744
2058	1455.5	2057.721	1455.221	24.88277	29.23168	48.3	32.24	0.043232	2.87539	12.25	9617	77364.24	1.105735	43.47959
2059	1456.5	2058.709	1456.209	24.87062	29.31442	48.3	42.721	0.051484	2.875011	12.25	10564	71369.57	1.027804	40.5296
2060	1457.5	2059.697	1457.197	24.90695	29.28684	48.3	36.834	0.048071	2.873876	12.25	11512	83329.97	1.18329	46.61697
2061	1458.5	2060.684	1458.184	24.84625	29.25236	48.4	33.991	0.044037	2.874633	12.25	12458	98413.09	1.37937	54.26093
2062	1459.5	2061.672	1459.172	24.80975	29.27994	48.9	32.447	0.043207	2.874633	12.25	17859	143788.6	1.969252	77.41802
2063	1460.5	2062.66	1460.16	24.82178	29.3351	49.3	37.598	0.046979	2.874254	12.25	23260	172257.2	2.339343	92.02653
2064	1461.5	2063.648	1461.148	24.83381	29.29373	49.5	36.122	0.046414	2.873119	12.25	23145	173562.7	2.356315	92.5061
2065	1462.5	2064.636	1462.136	24.87016	29.28684	49.6	34.239	0.045783	2.873497	12.25	23029	175049.1	2.375638	93.21387
2066	1463.5	2065.623	1463.123	24.93085	29.31442	49.7	40.307	0.049636	2.87274	12.25	24475	171642.9	2.331357	91.53417
2067	1464.5	2066.611	1464.111	24.86991	29.28684	49.6	35.878	0.047338	2.873119	12.25	25918	190562.3	2.57731	101.1269
2068	1465.5	2067.599	1465.099	24.93063	29.32131	49.6	36.814	0.046046	2.873119	12.25	27361	206818.8	2.788644	109.5479
2069	1466.5	2068.587	1466.087	24.94269	29.25926	49.5	31.475	0.04259	2.874254	12.25	27549	225045.8	3.025595	118.6415
2070	1467.5	2069.574	1467.074	24.85727	29.27305	49.4	35.79	0.04505	2.874254	12.25	27736	214202.7	2.884636	113.2025
2071	1468.5	2070.562	1468.062	24.82051	29.25236	49.3	35.333	0.045699	2.874633	12.25	26916	204891.7	2.763592	108.4093
2072	1469.5	2071.55	1469.05	24.88128	29.25236	49.3	35.87	0.04606	2.873876	12.25	26095	197136.6	2.662776	104.4545

2073	1470.5	2072.538	1470.038	24.84448	29.24547	49.2	35.862	0.046052	2.874633	12.25	21993	166130.3	2.259694	88.64915
2074	1471.5	2073.526	1471.026	24.85647	29.26615	49.1	35.323	0.044818	2.873876	12.25	17896	138942.8	1.906257	74.85969
2075	1472.5	2074.513	1472.013	24.94174	29.24547	48.5	31.733	0.041768	2.871226	12.25	13797	115047.1	1.595612	62.73303
2076	1473.5	2075.501	1473.001	25.02708	29.24547	48	32.416	0.041069	2.869333	12.25	13506	114611.2	1.589945	62.60757
2077	1474.5	2076.489	1473.989	25.03913	29.22478	48.1	30.019	0.038962	2.869333	12.25	13212	118181.1	1.636354	64.3694
2078	1475.5	2077.477	1474.977	25.07565	29.211	48.1	29.101	0.039497	2.868955	12.25	12916	113984.4	1.581797	62.19393
2079	1476.5	2078.465	1475.965	25.01429	29.24547	48	37.662	0.044806	2.867441	12.25	14752	114821.5	1.592679	62.71521
2080	1477.5	2079.452	1476.952	25.05081	29.21789	48	29.081	0.041249	2.868198	12.25	16586	140190.6	1.922478	75.63038
2081	1478.5	2080.44	1477.94	24.98936	29.30752	48	38.267	0.044948	2.866305	12.25	8804	68335.37	0.98836	39.0014
2082	1479.5	2081.428	1478.928	25.17294	29.2041	47.9	27.345	0.041238	2.867819	12.25	12368	104581.3	1.459556	57.40979
2083	1480.5	2082.416	1479.916	25.11147	29.32131	47.8	44.553	0.051019	2.864412	12.25	15931	109013.2	1.517171	59.93417
2084	1481.5	2083.403	1480.903	25.14806	29.25926	47.8	32.23	0.045313	2.866683	12.25	16155	124365.8	1.716756	67.67502
2085	1482.5	2084.391	1481.891	25.06194	29.28684	47.7	37.723	0.046773	2.864791	12.25	16379	122235.5	1.689062	66.66686
2086	1483.5	2085.379	1482.879	25.0494	29.23857	47.7	34.878	0.044323	2.865926	12.25	16218	127673.1	1.75975	69.34243
2087	1484.5	2086.367	1483.867	25.15969	29.24547	47.7	29.347	0.040523	2.865926	12.25	16054	138234.7	1.897051	74.77037
2088	1485.5	2087.355	1484.855	25.12258	29.30752	47.7	36.603	0.044312	2.865169	12.25	15514	122193.4	1.688514	66.69231
2089	1486.5	2088.342	1485.842	25.1838	29.30752	47.6	30.772	0.041563	2.864034	12.25	14974	125791.6	1.73529	68.56122
2090	1487.5	2089.33	1486.83	25.22046	29.3351	47.6	34.026	0.042893	2.864412	12.25	14435	117487.9	1.627343	64.35673
2091	1488.5	2090.318	1487.818	25.15868	29.34889	47.6	33.04	0.039868	2.862898	12.25	14650	128354.3	1.768606	69.97616
2092	1489.5	2091.306	1488.806	25.02293	29.32821	47.6	19.629	0.030025	2.857977	12.25	14861	173186.1	2.35142	92.97003
2093	1490.5	2092.294	1489.794	25.01025	29.36268	47.6	28.382	0.035333	2.759935	12.25	14733	151082.3	2.06407	81.70477
2094	1491.5	2093.281	1490.781	25.07151	29.31442	47.5	31.522	0.040301	2.722081	12.25	14769	134628	1.850164	73.13986
2095	1492.5	2094.269	1491.769	25.13281	29.3351	47.5	33.364	0.043033	2.765235	12.25	14808	124439.4	1.717712	67.95176
2096	1493.5	2095.257	1492.757	25.29286	29.40405	47.4	35.592	0.045699	2.782648	12.25	14641	115134.3	1.596746	63.33461
2097	1494.5	2096.245	1493.745	25.30493	29.40405	47.4	37.262	0.045962	2.797789	12.25	14474	112557.1	1.563243	62.00572
2098	1495.5	2097.232	1494.732	25.2923	29.3351	47.4	29.58	0.041154	2.793247	12.25	14307	124460.7	1.717988	67.98389
2099	1496.5	2098.22	1495.72	25.35378	29.34889	47.4	36.226	0.044697	2.781133	12.25	14124	113622	1.577086	62.43745
2100	1497.5	2099.208	1496.708	25.29169	29.35579	47.3	33.837	0.043966	2.811795	12.25	13941	112770.1	1.566011	62.03292
2101	1498.5	2100.196	1497.696	25.15532	29.40405	47.3	33.342	0.043004	2.806496	12.25	12842	106404.2	1.483254	58.85134
2102	1499.5	2101.184	1498.684	25.26628	29.36268	47.3	33.228	0.042847	2.815581	12.25	11746	97365.62	1.365753	54.113
2103	1500.5	2102.171	1499.671	25.32782	29.36957	47.3	33.445	0.040694	2.83905	12.25	10441	90373.08	1.27485	50.52315
2104	1501.5	2103.159	1500.659	25.43894	29.37647	46.8	22.658	0.032036	2.844728	12.25	9136	100249.7	1.403246	55.71155
2105	1502.5	2104.147	1501.647	25.45103	29.43852	46.6	25.234	0.03329	2.870469	12.25	9794	102493.9	1.432421	57.02564
2106	1503.5	2105.135	1502.635	25.31436	29.43852	46.5	31.562	0.03993	2.871226	12.25	10559	92098.43	1.29728	51.66172
2107	1504.5	2106.123	1503.623	25.37599	29.47989	46.4	34.625	0.045079	2.87009	12.25	11325	87532.2	1.237919	49.3825
2108	1505.5	2107.11	1504.61	25.38803	29.51436	46.4	40.042	0.050151	2.869712	12.25	12088	83992.55	1.191903	47.60248
2109	1506.5	2108.098	1505.598	25.44974	29.49368	46.3	38.948	0.047272	2.869712	12.25	12893	95040.23	1.335523	53.3177
2110	1507.5	2109.086	1506.586	25.3376	29.473	46.3	24.493	0.036502	2.869712	12.25	13699	130777.1	1.800102	71.81457
2111	1508.5	2110.074	1507.574	25.27505	29.45921	46.2	33.209	0.04111	2.868955	12.25	13950	118279	1.637627	65.32255
2112	1509.5	2111.061	1508.561	25.56053	29.49368	46.3	34.274	0.044034	2.869333	12.25	14201	112394.7	1.561132	62.32461
2113	1510.5	2112.049	1509.549	25.57263	29.50058	46.4	34.93	0.042856	2.868955	12.25	13964	113573.3	1.576453	62.93129
2114	1511.5	2113.037	1510.537	25.38563	29.47989	46.4	25.748	0.034603	2.868955	12.25	13722	138223.2	1.896901	75.67034
2115	1512.5	2114.025	1511.525	25.52214	29.40405	46.3	23.355	0.028847	2.869712	12.25	11969	144584.4	1.979598	78.79073
2116	1513.5	2115.013	1512.513	25.40965	29.50747	46.4	15.281	0.023195	2.868955	12.25	10217	153534.3	2.095946	83.68877
2117	1514.5	2116	1513.5	25.09766	29.48679	46.6	23.628	0.03011	2.869712	12.25	9891	114468.5	1.588091	63.32661
2118	1515.5	2116.988	1514.488	25.48354	29.52126	46.6	30.545	0.037907	2.869333	12.25	10993	101069.4	1.413902	56.44658
2119	1516.5	2117.976	1515.476	25.52051	29.55573	46.5	30.867	0.038571	2.869333	12.25	12096	109295.7	1.520844	60.8059
2120	1517.5	2118.964	1516.464	25.38281	29.67984	46.4	25.757	0.035506	2.868198	12.25	13181	129430	1.78259	71.5926
2121	1518.5	2119.952	1517.452	25.46969	29.53505	46.3	31.592	0.039174	2.868955	12.25	14266	126936	1.750168	69.96946
2122	1519.5	2120.939	1518.439	25.4817	29.55573	46.3	30.455	0.038259	2.869333	12.25	15216	138607.4	1.901896	76.08858
2123	1520.5	2121.927	1519.427	25.46871	29.56952	46.2	24.905	0.034659	2.868198	12.25	16172	162680	2.21484	88.67754
2124	1521.5	2122.915	1520.415	25.40569	29.55573	46.1	31.465	0.038892	2.869333	12.25	16040	143735.5	1.968562	78.80502
2125	1522.5	2123.903	1521.403	25.51772	29.54194	46.1	30.502	0.039264	2.868576	12.25	15909	141246.5	1.936205	77.47355
2126	1523.5	2124.89	1522.39	25.07921	29.50058	46.1	29.53	0.038118	2.869712	12.25	15797	144414.6	1.97739	79.01068
2127	1524.5	2125.878	1523.378	25.34141	29.52815	46	29.036	0.03805	2.869712	12.25	15684	143635.4	1.96726	78.70409
2128	1525.5	2126.866	1524.366	25.45354	29.54884	46	31.67	0.039909	2.868955	12.25	15960	139391	1.912083	76.55019
2129	1526.5	2127.854	1525.354	25.31511	29.56263	46	30.293	0.039401	2.87009	12.25	16237	143582	1.966566	78.76817
2130	1527.5	2128.842	1526.342	25.55269	29.59021	46	30.799	0.039892	2.868955	12.25	15476	135222.7	1.857896	74.48493
2131	1528.5	2129.829	1527.329	25.66504	29.57642	45.9	32.439	0.041414	2.869712	12.25	14714	123806.3	1.709483	68.52443
2132	1529.5	2130.817	1528.317	25.67708	29.57642	45.9	32.468	0.040624	2.869333	12.25	11430	98057.85	1.374752	55.1068
2133	1530.5	2131.805	1529.305	25.71424	29.61089	46.6	27.029	0.03609	2.87009	12.25	11846	114363.2	1.586722	63.53832
2134	1531.5	2132.793	1530.293	25.60068	29.62468	46.9	27.625	0.038259	2.869333	12.25	12740	116052	1.608676	64.38705
2135	1532.5	2133.781	1531.281	25.61267	29.63158	46.9	40.789	0.047973	2.869712	12.25	13635	99041.27	1.387537	55.54888
2136	1533.5	2134.768	1532.268	25.67496	29.67294	46.9	32.813	0.044648	2.868955	12.25	14316	111763.5	1.552926	62.25689
2137	1534.5	2135.756	1533.256	25.71214	29.71431	46.9	36.052	0.045383	2.868955	12.25	14996	115176	1.597288	64.12464
2138	1535.5	2136.744	1534.244	25.67383	29.70052	47	34.498	0.044849	2.868576	12.25	15674	121830.5	1.683797	67.54515
2139	1536.5	2137.732	1535.232	25.73621	29.7281	47	34.99	0.044578	2.868576	12.25	16826	131579.8	1.810537	72.69675
2140	1537.5	2138.719	1536.219	25.79863	29.72121	47	33.313	0.04296	2.868955	12.25	17975	145842.5	1.995953	80.12301
2141	1538.5	2139.707	1537.207	25.73506	29.67984	47	31.984	0.041034	2.869712	12.25	17416	147899.2	2.02269	81.08328
2142	1539.5	2140.695	1538.195	25.72187	29.7281	47	30.002	0.038999	2.869333	12.25	16854	150616	2.058009	82.63325
2143	1540.5	2141.683	1539.183	25.83479	29.70052	47	29.773	0.037807	2.869333	12.25	18032	166221.4	2.260878	90.69466
2144	1541.5	2142.671	1540.171	25.77112	29.75568	46.9	27.118	0.035519	2.868198	12.25	18657	183137	2.480781	99.732
2145	1542.5	2143.658	1541.158	25.78314	29.71431	46.9	27.3	0.035169	2.868955	12.25	19282	191102.6	2.584333	103.7505
2146	1543.5	2144.655	1542.155	25.71937	29.72121	46.8	27.598	0.036248	2.868576	12.25	18484	177764	2.410932	96.84187
2147	1544.5	2145.651	1543.151	25.75663	29.79015	46.6	31.253	0.038878	2.868198	12.25	17687	158613.2	2.161971	87.09757
2148	1545.5	2146.647	1544.147	25.79392	29.74189	46.4	28.593	0.037307	2.868198	12.25	17006	158928.9	2.166076	87.1761
2149	1546.5	2147.643	1545.143	25.75532	29.74189	46.2	28.255	0.036249	2.868198	12.25	16324	157007.9	2.141102	86.22496
2150	1547.5	2148.639	1546.139	25.76731	29.74879	46.1	27.336	0.035507	2.868576	12.25	16340	160423.6	2.185506	88.06116
2151	1548.5	2149.635	1547.135	25.75397	29.74879	46	27.893	0.036252	2.868955	12.25	16355	157252.4	2.144281	86.42714
2152	1549.5	2150.631	1548.131	25.53793	29.79015	45.9	30.054	0.038132	2.867819	12.25	16431	150254.7	2.053311	82.90157

2153	1550.5	2151.627	1549.127	25.72722	29.78326	45.9	29.614	0.037876	2.867819	12.25	16506	151959.8	2.075477	83.77711
2154	1551.5	2152.623	1550.123	25.78989	29.76258	45.8	28.021	0.036729	2.868576	12.25	16279	154508.6	2.108612	85.08215
2155	1552.5	2153.619	1551.119	25.80186	29.78326	45.8	29.488	0.03713	2.867441	12.25	16054	150787.1	2.060232	83.18783
2156	1553.5	2154.616	1552.116	25.71231	29.76258	45.7	27.082	0.035852	2.868576	12.25	15778	153416.2	2.094411	84.53565
2157	1554.5	2155.612	1553.112	25.72423	29.78326	45.7	29.283	0.037298	2.868198	12.25	15506	144944.1	1.984273	80.14588
2158	1555.5	2156.608	1554.108	25.65994	29.74879	45.7	29.626	0.037149	2.868198	12.25	15400	144530.2	1.978893	79.83606
2159	1556.5	2157.604	1555.104	25.54474	29.735	45.7	25.359	0.034402	2.868576	12.25	15295	154987	2.114831	85.28077
2160	1557.5	2158.6	1556.1	25.68372	29.78326	45.7	29.28	0.037705	2.868576	12.25	14551	134531.1	1.848905	74.67827
2161	1558.5	2159.596	1557.096	25.67017	29.83842	45.6	33.258	0.041022	2.868576	12.25	13802	117290	1.62477	65.7675
2162	1559.5	2160.592	1558.092	25.68205	29.65226	45.4	28.882	0.038256	2.867062	12.25	7347	66984.8	0.970802	39.07554
2163	1560.5	2161.588	1559.088	25.69393	29.63847	45.4	29.516	0.037926	2.864791	12.25	9521	87630.51	1.239197	49.85542
2164	1561.5	2162.584	1560.084	25.70581	29.63158	45.3	29.818	0.037918	2.861762	12.25	11695	107776.3	1.501092	60.39691
2165	1562.5	2163.58	1561.08	25.6922	29.62468	45.3	27.939	0.037664	2.842835	12.25	16831	157191.6	2.14349	86.22395
2166	1563.5	2164.577	1562.077	25.65307	29.66605	45.3	33.971	0.041936	2.8417	12.25	17338	145488.6	1.991352	80.21591
2167	1564.5	2165.573	1563.073	25.6394	29.63847	45.3	31.634	0.041175	2.842457	12.25	17839	152419.6	2.081455	83.76748
2168	1565.5	2166.569	1564.069	25.34495	29.66605	45.3	31.402	0.040926	2.841321	12.25	18346	157768.6	2.150992	86.64653
2169	1566.5	2167.565	1565.065	25.50985	29.67984	45.3	33.506	0.041594	2.840564	12.25	18789	159026.8	2.167349	87.346
2170	1567.5	2168.561	1566.061	25.64935	29.65915	45.3	28.434	0.038837	2.842078	12.25	19232	174238	2.365094	95.24889
2171	1568.5	2169.557	1567.057	25.53337	29.68673	45.3	33.769	0.042	2.840564	12.25	19481	163288.5	2.22275	89.59953
2172	1569.5	2170.553	1568.053	25.51956	29.68673	45.3	32.244	0.041451	2.840564	12.25	19732	167583.1	2.27858	91.85004
2173	1570.5	2171.549	1569.049	25.32665	29.69363	45.3	30.45	0.039323	2.839807	12.25	23782	212968.7	2.868593	115.6605
2174	1571.5	2172.545	1570.045	25.51747	29.70052	45.2	29.231	0.036765	2.840943	12.25	27837	266514.1	3.564683	143.805
2175	1572.5	2173.542	1571.042	25.22193	29.7281	45.2	23.982	0.033039	2.834129	12.25	35643	380653.7	5.048498	203.8537
2176	1573.5	2174.538	1572.038	25.18229	29.65915	45.2	28.828	0.036403	2.840564	12.25	36442	352417.2	4.681424	188.5931
2177	1574.5	2175.534	1573.034	25.14261	29.67294	45.2	30.374	0.038778	2.839807	12.25	37236	338136	4.495768	181.1981
2178	1575.5	2176.53	1574.03	25.10287	29.68673	45.2	30.411	0.039114	2.83905	12.25	34364	309454.2	4.122904	166.2474
2179	1576.5	2177.526	1575.026	25.06309	29.63847	45.2	30.285	0.039576	2.841321	12.25	31489	280032	3.740415	150.5791
2180	1577.5	2178.522	1576.022	25.02326	29.70742	45.2	32.904	0.041517	2.83905	12.25	28638	242962.5	3.258512	131.4841
2181	1578.5	2179.518	1577.018	24.95771	29.76258	45.2	31.603	0.040619	2.83905	12.25	25787	223613.3	3.006973	121.5596
2182	1579.5	2180.514	1578.014	24.91778	29.76258	45.1	30.001	0.038525	2.837157	12.25	23566	215603	2.902839	117.3867
2183	1580.5	2181.51	1579.01	24.8778	29.74879	45.1	27.952	0.036208	2.83905	12.25	21339	207586.3	2.798622	113.1199
2184	1581.5	2182.506	1580.006	25.01775	29.70742	45.1	26.948	0.035429	2.838671	12.25	19185	190759.2	2.579869	104.1329
2185	1582.5	2183.503	1581.003	25.10638	29.70052	45.1	29.384	0.037814	2.839429	12.25	17027	158583.2	2.161582	87.2291
2186	1583.5	2184.499	1581.999	25.09213	29.735	45.1	31.758	0.039975	2.83905	12.25	15734	138637.3	1.902285	76.85445
2187	1584.5	2185.495	1582.995	25.07787	29.69363	45.1	29.898	0.038704	2.838671	12.25	14440	131432.1	1.808618	72.96852
2188	1585.5	2186.491	1583.991	25.08933	29.69363	45.1	29.039	0.036595	2.839429	12.25	13428	129227.5	1.779958	71.81225
2189	1586.5	2187.487	1584.987	25.07503	29.67984	45.1	24.509	0.031759	2.83905	12.25	12413	137668.3	1.889688	76.20391
2190	1587.5	2188.483	1585.983	25.08648	29.604	45.1	20.948	0.028648	2.840186	12.25	6328	77773.15	1.111051	44.68995
2191	1588.5	2189.479	1586.979	25.02056	29.61779	44.5	25.22	0.028137	2.851163	12.25	8824	109994.5	1.529929	61.68348
2192	1589.5	2190.475	1587.975	25.1352	29.76947	44.5	9.311	0.018878	2.845485	12.25	10065	187369.3	2.535801	102.7617
2193	1590.5	2191.471	1588.971	25.22412	29.77637	44.4	25.523	0.028949	2.843214	12.25	10785	131033.1	1.80343	73.1228
2194	1591.5	2192.467	1589.967	25.23562	29.80394	44.4	23.521	0.031408	2.842835	12.25	11506	128866.1	1.775259	72.04722
2195	1592.5	2193.464	1590.964	25.24712	29.78326	44.3	26.777	0.034901	2.842835	12.25	12419	125168.5	1.72719	70.06982
2196	1593.5	2194.46	1591.96	25.23277	29.87289	44.3	32.038	0.040716	2.840564	12.25	13331	115263	1.598419	65.04092
2197	1594.5	2195.456	1592.956	25.2184	29.90047	44.3	34.841	0.043957	2.840943	12.25	14206	113758	1.578854	64.3041
2198	1595.5	2196.452	1593.952	25.22988	29.87289	44.2	33.472	0.04363	2.840186	12.25	15078	121679.3	1.681831	68.45654
2199	1596.5	2197.448	1594.948	25.31902	29.92116	44.2	34.619	0.044489	2.840564	12.25	14747	116693.4	1.617014	65.9246
2200	1597.5	2198.444	1595.944	25.35644	29.90047	44.2	35.406	0.04461	2.83905	12.25	14422	113872.8	1.580346	64.38514
2201	1598.5	2199.44	1596.94	25.41979	29.88668	44.1	31.675	0.042702	2.83905	12.25	14249	117533.3	1.627933	66.31421
2202	1599.5	2200.436	1597.936	25.56095	29.93494	44.1	36.92	0.042326	2.838671	12.25	14075	117146.6	1.622905	66.21615
2203	1600.5	2201.432	1598.932	25.5985	29.81773	44.1	17.916	0.030241	2.840564	12.25	13902	161834.2	2.203844	89.56696
2204	1601.5	2202.429	1599.929	25.55822	29.87289	44	32.365	0.038152	2.839429	12.25	13706	126521.3	1.744777	71.06346
2205	1602.5	2203.425	1600.925	25.56982	30.05216	44	30.442	0.035876	2.835643	12.25	13247	130216.4	1.792814	73.45816
2206	1603.5	2204.421	1601.921	25.71127	29.70742	43.9	13.076	0.024738	2.831858	12.25	13191	188294	2.547822	103.2286
2207	1604.5	2205.417	1602.917	25.74891	29.87289	43.9	32.554	0.035862	2.83905	12.25	12173	119562	1.654306	67.39993
2208	1605.5	2206.413	1603.913	25.78657	29.866	43.9	23.852	0.034503	2.839807	12.25	12258	125105	1.726364	70.31949
2209	1606.5	2207.409	1604.909	25.85026	29.88668	43.8	32.849	0.039686	2.839429	12.25	12345	109552.7	1.524185	62.14677
2210	1607.5	2208.405	1605.905	25.70586	29.90047	43.8	29.72	0.038785	2.840564	12.25	12212	110846	1.540998	62.86131
2211	1608.5	2209.401	1606.901	25.79558	29.96252	43.8	29.039	0.037347	2.838293	12.25	12078	113941.9	1.581244	64.63691
2212	1609.5	2210.397	1607.897	25.80724	29.90047	43.8	28.19	0.035926	2.838671	12.25	11867	116362.5	1.612713	65.78672
2213	1610.5	2211.393	1608.893	25.81891	29.85221	43.7	25.646	0.033828	2.839807	12.25	11657	121346.6	1.677506	68.34092
2214	1611.5	2212.39	1609.89	25.93484	29.85221	43.7	26.889	0.034481	2.839807	12.25	11666	119137.8	1.648792	67.17112
2215	1612.5	2213.386	1610.886	26.05086	29.84531	43.7	27.508	0.035394	2.839807	12.25	11673	116136.6	1.609776	65.56648
2216	1613.5	2214.382	1611.882	26.01044	29.82463	43.7	28.041	0.036132	2.840186	12.25	11633	113358	1.573654	64.05079
2217	1614.5	2215.378	1612.878	26.04828	29.84531	43.6	28.732	0.037376	2.839429	12.25	11594	109246.8	1.520208	61.93792
2218	1615.5	2216.374	1613.874	25.98169	29.82463	43.6	31.233	0.038797	2.840186	12.25	10626	96432.65	1.353624	55.11256
2219	1616.5	2217.37	1614.87	25.99341	29.77637	43.6	27.161	0.033664	2.842457	12.25	9658	100932.2	1.412119	57.40111
2220	1617.5	2218.366	1615.866	26.00512	29.25926	43.8	17.023	0.025209	2.809902	12.25	5323	75147.19	1.076913	42.98801
2221	1618.5	2219.362	1616.862	26.06913	28.87315	44	22.24	0.03014	2.790597	12.25	8158	96992.42	1.360901	53.57351
2222	1619.5	2220.358	1617.858	26.15935	29.14205	44	34.495	0.041226	2.80271	12.25	9432	81630.74	1.1612	46.13773
2223	1620.5	2221.354	1618.854	26.06644	29.25926	44	31.926	0.0428	2.808388	12.25	10709	89093.37	1.258214	50.19344
2224	1621.5	2222.351	1619.851	26.05198	29.37647	44	37.284	0.045943	2.804981	12.25	11674	90587.79	1.277641	51.17263
2225	1622.5	2223.347	1620.847	26.06369	29.27305	44	33.069	0.04298	2.806117	12.25	12643	104829.1	1.462778	58.38154
2226	1623.5	2224.343	1621.843	26.07541	29.30063	44	30.759	0.041155	2.806496	12.25	13091	113341.8	1.573443	62.8575
2227	1624.5	2225.339	1622.839	26.21821	29.35579	44	35.708	0.045483	2.804981	12.25	13543	106152.7	1.479985	59.23526
2228	1625.5	2226.335	1623.835	26.20375	29.36268	44	38.398	0.047717	2.804224	12.25	14154	105776.5	1.475095	59.05338
2229	1626.5	2227.331	1624.831	26.268	29.32821	43.9	33.101	0.044003	2.803846	12.25	14769	119706.7	1.656187	66.2462
2230	1627.5	2228.327	1625.827	26.22728	29.32821	43.9	34.285	0.042076	2.803089	12.25	15382	130418.1	1.795436	71.81605
2231	1628.5	2229.323	1626.823	26.2653	29.31442	43.9	25.868	0.03677	2.803467	12.25	15050	146000.1	1.998001	79.88093
2232	1629.5	2230.319	1627.819	26.04058	29.37647	43.9	33.618	0.040378	2.801575	12.25	14716	130088.5	1.791151	71.76257

2233	1630.5	2231.316	1628.816	26.1574	29.36957	43.8	27.855	0.038014	2.804603	12.25	15819	148374.7	2.028871	81.2934
2234	1631.5	2232.312	1629.812	26.30062	29.42473	43.8	32.139	0.040598	2.803846	12.25	16922	148660.2	2.032582	81.59506
2235	1632.5	2233.308	1630.808	26.36502	29.45921	43.7	32.807	0.042041	2.804981	12.25	20913	177341.1	2.405435	96.70632
2236	1633.5	2234.304	1631.804	25.9293	29.43852	43.7	32.579	0.04187	2.804603	12.25	24904	212077.9	2.857012	114.7806
2237	1634.5	2235.3	1632.8	25.88823	29.50747	44	32.024	0.041668	2.802332	12.25	24847	212792.2	2.866299	115.3142
2238	1635.5	2236.296	1633.796	25.87345	29.53505	44.5	33.529	0.042375	2.802332	12.25	24785	208717.9	2.813332	113.1107
2239	1636.5	2237.292	1634.792	26.17497	29.5971	44.7	31.361	0.04098	2.800439	12.25	25303	220483.8	2.966289	119.4358
2240	1637.5	2238.288	1635.788	26.34489	29.45921	44.7	32.025	0.040919	2.80271	12.25	25816	225107.5	3.026397	121.2883
2241	1638.5	2239.284	1636.784	26.22473	29.44542	44.7	31.252	0.040514	2.803467	12.25	23793	209484.3	2.823296	113.0956
2242	1639.5	2240.28	1637.78	25.84051	29.49368	44.8	31.793	0.040073	2.802332	12.25	21768	193839.4	2.619912	105.0875
2243	1640.5	2241.259	1638.759	25.79923	29.4661	44.7	28.35	0.03497	2.803467	12.25	21588	220201.8	2.962623	118.7602
2244	1641.5	2242.238	1639.738	25.83715	29.56952	44.7	17.795	0.027035	2.817095	12.25	21404	281035.9	3.753466	150.9901
2245	1642.5	2243.216	1640.716	25.98081	29.72121	44.6	26.476	0.031804	2.82618	12.25	19936	221798.6	2.983381	120.6656
2246	1643.5	2244.195	1641.695	26.07171	29.70742	44.5	24.532	0.032732	2.82618	12.25	18470	199660.3	2.695583	109.0091
2247	1644.5	2245.174	1642.674	26.05686	29.75568	44.4	27.954	0.031837	2.825801	12.25	17823	198108.4	2.675409	108.4032
2248	1645.5	2246.153	1643.653	26.17432	29.58331	44.2	12.039	0.021899	2.822016	12.25	17176	277936.3	3.713172	149.6743
2249	1646.5	2247.131	1644.631	26.10653	29.49368	43.8	25.955	0.029892	2.809902	12.25	6789	80828.35	1.150769	46.30418
2250	1647.5	2248.11	1645.61	26.11814	29.44542	43.8	23.46	0.031878	2.812174	12.25	7439	82980.76	1.17875	47.35246
2251	1648.5	2249.089	1646.589	26.12975	29.48679	43.9	28.783	0.035981	2.807631	12.25	8087	80051.82	1.140674	45.87278
2252	1649.5	2250.067	1647.567	26.08833	29.4661	43.9	29.109	0.0378	2.80801	12.25	9208	86750.51	1.227757	49.34023
2253	1650.5	2251.046	1648.546	26.12644	29.50058	43.9	30.96	0.039415	2.806874	12.25	10331	93380.88	1.313951	52.86594
2254	1651.5	2252.025	1649.525	26.16457	29.48679	43.9	30.756	0.039546	2.799682	12.25	11073	100012.8	1.400166	56.3084
2255	1652.5	2253.003	1650.503	26.25583	29.50058	43.9	30.331	0.039619	2.806117	12.25	11815	106273.8	1.48156	59.60956
2256	1653.5	2253.982	1651.482	26.13467	29.52815	43.9	32.575	0.041548	2.803089	12.25	12346	106008.4	1.47811	59.52633
2257	1654.5	2254.961	1652.461	26.1994	29.59021	43.9	33.015	0.040373	2.802332	12.25	12879	113832.7	1.579825	63.75633
2258	1655.5	2255.939	1653.439	26.29076	29.67984	43.7	23.537	0.033212	2.862519	12.25	10961	115294.1	1.598823	64.75932
2259	1656.5	2256.918	1654.418	26.3024	29.85221	43.6	27.631	0.033535	2.829965	12.25	10615	111850.2	1.554052	63.33145
2260	1657.5	2257.897	1655.397	26.34065	29.81084	43.6	22.24	0.029175	2.830722	12.25	10266	124306.8	1.715988	69.83383
2261	1658.5	2258.875	1656.375	26.3523	29.85221	43.7	19.387	0.026836	2.830722	12.25	9805	129073.1	1.777951	72.433
2262	1659.5	2259.854	1657.354	26.44385	29.83842	43.7	25.288	0.031466	2.829965	12.25	10063	113007.2	1.569093	63.8947
2263	1660.5	2260.833	1658.333	26.40226	29.89358	43.7	26.117	0.034084	2.829965	12.25	10317	106961	1.490493	60.80623
2264	1661.5	2261.811	1659.311	26.30731	29.90047	43.7	29.101	0.035439	2.815959	12.25	10575	105967.9	1.477583	60.29346
2265	1662.5	2262.79	1660.29	26.29226	29.87979	43.7	22.652	0.030458	2.828829	12.25	10494	121794.5	1.683329	68.6415
2266	1663.5	2263.769	1661.269	26.35723	29.83152	43.7	22.251	0.028582	2.829587	12.25	10413	128755.5	1.773821	72.2147
2267	1664.5	2264.747	1662.247	26.28879	29.85221	43.7	21.557	0.027504	2.829965	12.25	9448	121383.8	1.67799	68.36062
2268	1665.5	2265.726	1663.226	26.22028	29.84531	43.7	19.712	0.027859	2.829587	12.25	9317	118191.8	1.636494	66.65469
2269	1666.5	2266.705	1664.205	26.31198	29.83842	43.7	29.44	0.035111	2.829965	12.25	9185	92437.79	1.301691	53.00588
2270	1667.5	2267.684	1665.184	26.4572	29.96252	43.7	26.175	0.032773	2.826937	12.25	9103	98255.78	1.377325	56.31902
2271	1668.5	2268.662	1666.162	26.73622	29.88668	43.7	18.606	0.025668	2.829208	12.25	9016	124152.1	1.713977	69.90735
2272	1669.5	2269.641	1667.141	26.82823	29.84531	43.7	19.035	0.02456	2.828829	12.25	8521	122644.4	1.694378	69.01231
2273	1670.5	2270.62	1668.12	26.78652	29.87289	43.7	19.725	0.025363	2.827694	12.25	8142	113525.4	1.57583	64.24316
2274	1671.5	2271.598	1669.098	26.74477	29.87289	43.6	20.278	0.025967	2.828829	12.25	8290	112857	1.567141	63.90911
2275	1672.5	2272.577	1670.077	26.75653	29.87979	43.5	20.189	0.026003	2.828451	12.25	7797	106010.8	1.47814	60.31254
2276	1673.5	2273.556	1671.056	26.74149	29.90047	43.5	20.162	0.027526	2.828072	12.25	7301	93786.77	1.319228	53.86571
2277	1674.5	2274.534	1672.034	26.72643	29.42473	43.1	27.458	0.034168	2.809902	12.25	6417	66837.18	0.968883	38.9805
2278	1675.5	2275.513	1673.013	26.71135	29.48679	43	29.257	0.036049	2.807253	12.25	7224	71383.84	1.02799	41.45883
2279	1676.5	2276.492	1673.992	26.74991	29.66605	43	23.532	0.028506	2.801953	12.25	6848	85736.33	1.214572	49.28149
2280	1677.5	2277.47	1674.97	26.78849	29.63847	43	9.476	0.019543	2.80271	12.25	7649	139646.3	1.915402	77.64556
2281	1678.5	2278.449	1675.949	26.74653	29.71431	43.1	29.651	0.034069	2.800439	12.25	8584	89971.6	1.269631	51.58299
2282	1679.5	2279.428	1676.928	26.81199	29.71431	43.1	30.708	0.039027	2.800439	12.25	8961	81990.2	1.165873	47.36747
2283	1680.5	2280.406	1677.906	26.87749	29.735	43.2	29.415	0.038184	2.800817	12.25	9336	87296.34	1.234852	50.18906
2284	1681.5	2281.385	1678.885	26.88927	29.70742	43.2	29.599	0.037486	2.801196	12.25	9249	88081.67	1.245062	50.55707
2285	1682.5	2282.364	1679.864	26.90104	29.7281	43.3	26.902	0.035409	2.800439	12.25	9157	92344.4	1.300477	52.82734
2286	1683.5	2283.342	1680.842	26.93972	29.71431	43.3	27.828	0.035126	2.800439	12.25	9412	95681.25	1.343856	54.56415
2287	1684.5	2284.321	1681.821	27.00536	29.7281	43.2	25.501	0.033445	2.80006	12.25	9091	97077.58	1.362009	55.34433
2288	1685.5	2285.3	1682.8	26.99023	29.72121	43.2	26.046	0.032636	2.801196	12.25	8771	95942.95	1.347258	54.73227
2289	1686.5	2286.278	1683.778	27.08287	29.74879	43.2	22.423	0.028899	2.799682	12.25	8711	107664	1.499632	60.97898
2290	1687.5	2287.257	1684.757	27.0947	29.70052	43.1	18.956	0.027841	2.801575	12.25	8651	110910.5	1.541837	62.6132
2291	1688.5	2288.236	1685.736	27.13351	29.79015	43.1	31.516	0.037432	2.80006	12.25	9316	88883.42	1.255484	51.13844
2292	1689.5	2289.214	1686.714	27.17233	29.81084	43.1	29.442	0.036331	2.798925	12.25	9060	89096.37	1.258253	51.28679
2293	1690.5	2290.193	1687.693	27.1302	29.77637	43	20.047	0.028746	2.798546	12.25	8802	109412.1	1.522357	61.9996
2294	1691.5	2291.172	1688.672	27.14203	29.7281	43.9	24.351	0.03119	2.80006	12.25	8936	102321.4	1.430178	57.98605
2295	1692.5	2292.151	1689.651	27.18088	29.76947	46.6	27.917	0.034815	2.798546	12.25	9037	92751.53	1.30577	52.56797
2296	1693.5	2293.129	1690.629	27.19272	29.76947	48.3	26.248	0.033873	2.799303	12.25	9134	96329.64	1.352285	54.15268
2297	1694.5	2294.108	1691.608	27.23161	29.7281	49.1	24.965	0.032044	2.799303	12.25	9087	101304.3	1.416956	56.5229
2298	1695.5	2295.087	1692.587	27.32463	29.735	49.6	23.241	0.029716	2.798168	12.25	9041	108730.8	1.5135	60.29455
2299	1696.5	2296.065	1693.565	27.33652	29.74189	49.8	20.571	0.02822	2.798925	12.25	9275	117425.9	1.626537	64.77258
2300	1697.5	2297.044	1694.544	27.32133	29.74879	49.8	26.003	0.033098	2.799303	12.25	9171	98982.59	1.386774	55.23744
2301	1698.5	2298.023	1695.523	27.38739	29.79015	49.7	29.682	0.037442	2.798546	12.25	9066	86521.17	1.224775	48.86775
2302	1699.5	2299.001	1696.501	27.42639	29.79015	49.7	29.779	0.038235	2.797411	12.25	8645	80825.5	1.150731	45.91345
2303	1700.5	2299.98	1697.48	27.51964	29.79015	49.6	29.407	0.037838	2.798925	12.25	8221	77624.75	1.109122	44.26696
2304	1701.5	2300.959	1698.459	27.55872	29.80394	49.5	28.95	0.035733	2.797789	12.25	7709	77110.97	1.102443	44.0344
2305	1702.5	2301.937	1699.437	27.54354	29.77637	49.4	21.336	0.030974	2.803089	12.25	6379	73471.07	1.055124	42.11842
2306	1703.5	2302.916	1700.416	27.55549	29.87289	49.2	30.07	0.035126	2.813309	12.25	6765	68457.13	0.989943	39.66922
2307	1704.5	2304.007	1701.507	27.48596	30.07284	49.1	22.1	0.030725	2.808388	12.25	7156	82932.86	1.178127	47.54093
2308	1705.5	2305.098	1702.598	27.30767	30.09352	49.2	24.731	0.031509	2.807253	12.25	7903	89347.26	1.261514	50.92506
2309	1706.5	2306.19	1703.69	27.21077	30.05905	49.2	25.831	0.033632	2.80801	12.25	10108	107030.5	1.491396	60.13601
2310	1707.5	2307.281	1704.781	27.22256	30.13489	49.2	28.699	0.036324	2.807253	12.25	12317	120790.7	1.67028	67.51887
2311	1708.5	2308.372	1705.872	27.17993	30.1211	49.2	28.67	0.036834	2.806496	12.25	13547	131049	1.803637	72.8763
2312	1709.5	2309.463	1706.963	27.16447	30.10731	49.2	28.295	0.03616	2.806496	12.25	14778	145619	1.993047	80.49259

2313	1710.5	2310.554	1708.054	27.20345	30.14179	49.1	26.686	0.034879	2.804981	12.25	14952	152826.6	2.086746	84.39947
2314	1711.5	2311.646	1709.146	27.18797	30.128	49.1	27.527	0.035563	2.805738	12.25	15123	151562.4	2.070311	83.69643
2315	1712.5	2312.737	1710.237	27.14521	30.19005	49	28.958	0.037357	2.803467	12.25	13543	129313.2	1.781071	72.17402
2316	1713.5	2313.828	1711.328	27.1024	30.16937	49	30.756	0.037308	2.804981	12.25	12976	123996.2	1.71195	69.32552
2317	1714.5	2314.919	1712.419	27.14138	30.2521	49	21.903	0.031288	2.801953	12.25	12408	141536.5	1.939974	78.77482
2318	1715.5	2316.01	1713.51	27.1531	30.15558	49	27.457	0.034538	2.804603	12.25	11121	114807.7	1.592499	64.45888
2319	1716.5	2317.102	1714.602	27.0556	30.19005	49	29.245	0.038169	2.804224	12.25	9835	91887.18	1.294533	52.45814
2320	1717.5	2318.193	1715.693	27.03996	30.24521	48.9	33.459	0.039583	2.803089	12.25	8040	72462.04	1.042007	42.31533
2321	1718.5	2319.284	1716.784	27.02429	30.15558	48.9	21.407	0.031369	2.804981	12.25	6247	70997.77	1.022971	41.41919
2322	1719.5	2320.375	1717.875	27.0086	30.14868	48.9	27.116	0.034568	2.804224	12.25	8009	82620.74	1.17407	47.52617
2323	1720.5	2321.466	1718.966	26.99288	30.21074	48.9	31.244	0.038674	2.803467	12.25	9772	90130.59	1.271698	51.58409
2324	1721.5	2322.558	1720.058	27.03186	30.22452	48.9	28.158	0.036153	2.803089	12.25	10024	98915.38	1.3859	56.24216
2325	1722.5	2323.649	1721.149	27.04349	30.18316	48.9	24.624	0.031296	2.803846	12.25	10277	117119.6	1.622555	65.75589
2326	1723.5	2324.74	1722.24	27.05512	30.20384	48.9	19.208	0.027684	2.803089	12.25	10659	137356.2	1.885631	76.46974
2327	1724.5	2325.831	1723.331	26.95717	30.19695	48.8	27.574	0.033388	2.803467	12.25	10929	116759	1.617866	65.61622
2328	1725.5	2326.922	1724.422	26.88653	30.14868	48.8	26.112	0.033474	2.803846	12.25	11199	119322.1	1.651188	66.86061
2329	1726.5	2328.014	1725.514	26.76099	30.13489	48.8	23.992	0.032473	2.804981	12.25	12488	137101.7	1.882322	76.18494
2330	1727.5	2329.105	1726.605	26.69019	30.17626	48.8	29.269	0.033245	2.804224	12.25	13781	147820.9	2.021672	81.9373
2331	1728.5	2330.196	1727.696	26.70164	30.1211	48.8	13.882	0.023808	2.804981	12.25	15462	231535.2	3.109957	125.8145
2332	1729.5	2331.196	1728.696	26.7131	30.1211	48.8	26.166	0.029944	2.806117	12.25	14773	175810.9	2.385542	96.50805
2333	1730.5	2332.196	1729.696	26.72455	30.14179	48.8	21.019	0.025616	2.804981	12.25	14087	196054.3	2.648706	107.228
2334	1731.5	2333.197	1730.697	26.73601	30.27968	48.6	9.149	0.014887	2.816716	12.25	9305	221911.5	2.984849	121.4644
2335	1732.5	2334.197	1731.697	26.74746	30.36242	48.5	11.768	0.013139	2.807253	12.25	7027	190514	2.576682	105.1738
2336	1733.5	2335.197	1732.697	26.75892	29.14894	48.5	5.017	0.009564	2.736844	12.25	7607	290611	3.877943	151.9619
2337	1734.5	2336.197	1733.697	26.77037	29.19721	48.5	12.741	0.015534	2.733059	12.25	5778	136097.3	1.869265	73.37068
2338	1735.5	2337.197	1734.697	26.78183	29.50058	48.5	16.419	0.019031	2.72246	12.25	5136	99129.82	1.388688	55.07386
2339	1736.5	2338.198	1735.698	26.79328	29.08689	48.4	10.282	0.017055	2.727002	12.25	5294	113824.2	1.579714	61.79044
2340	1737.5	2339.198	1736.698	26.91493	29.06621	48.4	21.945	0.027885	2.727759	12.25	5109	67167.57	0.973178	38.03875
2341	1738.5	2340.198	1737.698	26.76107	29.03173	48.4	31.904	0.039099	2.728895	12.25	6709	62878.34	0.917418	35.81672
2342	1739.5	2341.198	1738.698	26.52435	29.0731	48.4	32.673	0.040719	2.728516	12.25	8310	74795.31	1.072339	41.9246
2343	1740.5	2342.199	1739.699	26.48051	29.09378	48.4	27.188	0.036718	2.727759	12.25	9233	92183.87	1.29839	50.7985
2344	1741.5	2343.199	1740.699	26.547	29.08689	48.4	29.711	0.035433	2.728516	12.25	10155	105038.9	1.465505	57.32316
2345	1742.5	2344.199	1741.699	26.53072	29.13515	48.3	19.112	0.02901	2.726624	12.25	11326	143188.6	1.961452	76.8733
2346	1743.5	2345.199	1742.699	26.51442	29.09378	48.3	29.049	0.035085	2.727759	12.25	14481	151311	2.067043	80.8966
2347	1744.5	2346.199	1743.699	26.4152	29.10757	48.3	28.216	0.036685	2.727002	12.25	17634	176270.5	2.391516	93.63966
2348	1745.5	2347.2	1744.7	26.42645	29.18342	48.3	29.067	0.035621	2.726624	12.25	20317	209181.4	2.819358	110.6794
2349	1746.5	2348.2	1745.7	26.32709	29.36268	48.3	21.54	0.028996	2.721324	12.25	23000	291485.3	3.88931	153.6203
2350	1747.5	2349.2	1746.7	26.44896	29.00415	48.3	19.915	0.025834	2.73003	12.25	22474	318652.3	4.24248	165.5238
2351	1748.5	2350.2	1747.7	26.48789	28.97657	48.3	19.208	0.025014	2.730409	12.25	19821	290211.5	3.87275	150.9548
2352	1749.5	2351.2	1748.7	26.52685	28.99726	48.3	19.838	0.025583	2.73003	12.25	17165	245769.7	3.295007	128.5268
2353	1750.5	2352.201	1749.701	26.73204	28.99726	48.3	20.676	0.027409	2.729652	12.25	13858	185223.2	2.507901	97.82455
2354	1751.5	2353.201	1750.701	26.68797	29.01794	48.3	25.207	0.030837	2.728895	12.25	12380	147118.4	2.01254	78.55821
2355	1752.5	2354.201	1751.701	26.56068	29.09378	48.3	22.219	0.028626	2.727002	12.25	10903	139667.7	1.915679	74.97278
2356	1753.5	2355.201	1752.701	26.57196	28.97657	48.3	19.338	0.026437	2.729652	12.25	10031	139003.5	1.907046	74.33421
2357	1754.5	2356.202	1753.702	26.63874	29.10068	48.3	23.646	0.029581	2.728138	12.25	10087	124993.8	1.72492	67.52313
2358	1755.5	2357.202	1754.702	26.65004	29.08689	48.3	23.947	0.03073	2.727381	12.25	10143	121022	1.673286	65.47086
2359	1756.5	2358.202	1755.702	26.6058	29.09378	48.2	23.79	0.03046	2.727002	12.25	10361	124735.9	1.721566	67.39685
2360	1757.5	2359.202	1756.702	26.64486	29.11447	48.2	22.859	0.029055	2.725488	12.25	9397	118666.5	1.642664	64.35367
2361	1758.5	2360.202	1757.702	26.65615	29.19031	48.1	20.192	0.027458	2.734952	12.25	8433	112294	1.559822	61.28648
2362	1759.5	2361.203	1758.703	26.61183	30.27279	47.5	24.351	0.030647	2.78189	12.25	8637	101307.5	1.416998	57.84746
2363	1760.5	2362.203	1759.703	26.65091	30.30037	47.5	25.241	0.033013	2.780376	12.25	8427	91809.81	1.293527	52.85502
2364	1761.5	2363.203	1760.703	26.41171	30.43137	47.4	28.55	0.036347	2.777348	12.25	8217	81398.47	1.15818	47.54401
2365	1762.5	2364.203	1761.703	26.39504	30.46584	47.4	29.964	0.038179	2.776969	12.25	9095	85784.29	1.215196	49.94104
2366	1763.5	2365.203	1762.703	26.57333	30.47274	47.4	29.538	0.036448	2.776212	12.25	9974	98570.44	1.381416	56.78505
2367	1764.5	2366.204	1763.704	26.44523	30.41068	47.4	21.759	0.03061	2.776969	12.25	10852	127666.7	1.759667	72.18633
2368	1765.5	2367.204	1764.704	26.51216	30.35552	47.3	26.092	0.031303	2.779998	12.25	12690	145822.4	1.995692	81.74569
2369	1766.5	2368.204	1765.704	26.41179	30.33484	47.3	19.772	0.02717	2.778862	12.25	12990	172048.7	2.336633	95.64579
2370	1767.5	2369.204	1766.704	26.39504	30.32795	47.3	21.454	0.027509	2.779998	12.25	13291	173793.6	2.359317	96.55239
2371	1768.5	2370.205	1767.705	26.48992	30.259	47.3	22.627	0.028855	2.780376	12.25	12278	153041.7	2.089542	85.31773
2372	1769.5	2371.205	1768.705	26.52902	30.24521	47.2	22.523	0.029186	2.781133	12.25	12592	155130.7	2.116699	86.41416
2373	1770.5	2372.205	1769.705	26.26083	30.2521	47.2	23.311	0.028109	2.780755	12.25	12904	165091	2.246183	91.72123
2374	1771.5	2373.205	1770.705	26.63523	30.14868	47.2	15.241	0.024003	2.783783	12.25	13979	209208.2	2.819707	114.7471
2375	1772.5	2374.205	1771.705	26.64645	30.22452	47.2	27.597	0.033063	2.783026	12.25	13414	145780	1.99514	81.39581
2376	1773.5	2375.206	1772.706	26.71361	30.23142	47.1	28.471	0.036521	2.784162	12.25	13057	128411.2	1.769346	72.22309
2377	1774.5	2376.206	1773.706	26.78083	30.22452	47.1	28.737	0.036797	2.784162	12.25	12697	123934.4	1.711147	69.83156
2378	1775.5	2377.206	1774.706	26.84808	30.17626	47.2	28.085	0.036149	2.785297	12.25	13129	130394.2	1.795125	73.11885
2379	1776.5	2378.206	1775.706	26.77535	30.16247	47.2	27.408	0.035212	2.786054	12.25	13561	138234.4	1.897047	77.235
2380	1777.5	2379.206	1776.706	26.89868	30.17626	47.1	26.397	0.034177	2.786054	12.25	13818	145117	1.986521	80.94006
2381	1778.5	2380.207	1777.707	26.90999	30.19695	47.1	26.297	0.034241	2.784919	12.25	14078	147633.5	2.019236	82.32938
2382	1779.5	2381.207	1778.707	26.89324	30.20384	47.1	28.004	0.035344	2.785676	12.25	14207	144294.8	1.975832	80.57811
2383	1780.5	2382.207	1779.707	26.93259	30.16937	47.1	26.42	0.033888	2.786054	12.25	14338	151864.2	2.074234	84.49458
2384	1781.5	2383.207	1780.707	26.94389	30.14868	47.1	24.26	0.032678	2.786054	12.25	13904	152719.9	2.085358	84.88947
2385	1782.5	2384.208	1781.708	26.98327	30.16247	47.1	28.845	0.035562	2.785676	12.25	13456	135832.7	1.865826	75.98761
2386	1783.5	2385.208	1782.708	27.2474	30.19695	47.1	26.105	0.034366	2.78454	12.25	13009	135944.2	1.867274	76.13353
2387	1784.5	2386.208	1783.708	27.34312	30.14868	47	26.908	0.035265	2.786433	12.25	12982	132112.3	1.81746	74.00713
2388	1785.5	2387.208	1784.708	27.4108	30.21763	47	30.628	0.038487	2.78454	12.25	12955	120883.5	1.671485	68.2187
2389	1786.5	2388.208	1785.708	27.45041	30.21763	47	29.961	0.037728	2.783783	12.25	10420	99212.58	1.389763	56.72072
2390	1787.5	2389.209	1786.709	27.37749	29.92116	46.8	25.371	0.033554	2.764099	12.25	7883	84994.58	1.204929	48.725
2391	1788.5	2390.209	1787.709	27.47339	29.61779	46.7	24.944	0.031731	2.741765	12.25	8733	100379.5	1.404934	56.25434
2392	1789.5	2391.209	1788.709	27.56936	29.604	46.7	22.746	0.031972	2.741387	12.25	9526	108686.5	1.512925	60.55015

2393	1790.5	2392.209	1789.709	27.69358	29.79015	46.6	33.085	0.040325	2.744794	12.25	9856	89047.09	1.257612	50.6644
2394	1791.5	2393.209	1790.709	27.73333	30.35552	46.6	32.859	0.041103	2.775834	12.25	8347	73157.67	1.05105	43.14639
2395	1792.5	2394.21	1791.71	27.80131	30.34174	46.6	27.053	0.03578	2.777727	12.25	9741	98009.61	1.374125	56.38324
2396	1793.5	2395.21	1792.71	27.78471	30.35552	46.6	25.694	0.033754	2.776212	12.25	11135	118827.2	1.644754	67.51838
2397	1794.5	2396.21	1793.71	27.96562	30.30037	46.6	27.49	0.035721	2.777727	12.25	12544	126422.1	1.743488	71.44144
2398	1795.5	2397.21	1794.71	27.83613	30.34863	46.6	30.834	0.039288	2.775834	12.25	11670	107008.4	1.491109	61.19724
2399	1796.5	2398.211	1795.711	28.13017	30.39	46.6	32.287	0.040863	2.775077	12.25	11860	104587.9	1.459642	59.98748
2400	1797.5	2399.211	1796.711	28.1419	30.36242	46.5	30.471	0.040378	2.775455	12.25	12050	107524.3	1.497816	61.51967
2401	1798.5	2400.211	1797.711	28.12536	30.39689	46.5	34.023	0.040517	2.77432	12.25	12417	110463.5	1.536025	63.16069
2402	1799.5	2401.211	1798.711	28.08052	30.34174	46.5	22.28	0.031969	2.776212	12.25	12861	144906.1	1.983779	81.42409
2403	1800.5	2402.211	1799.711	27.92247	30.3831	46.5	25.86	0.032825	2.775077	12.25	13100	143811.2	1.969546	80.95012
2404	1801.5	2403.212	1800.712	28.0756	30.32795	46.5	27.27	0.03491	2.775455	12.25	13340	137678.7	1.889823	77.53245
2405	1802.5	2404.212	1801.712	28.17222	30.3831	46.5	27.77	0.035468	2.775077	12.25	14651	148851.3	2.035067	83.6431
2406	1803.5	2405.212	1802.712	28.46719	30.34174	46.5	26.96	0.03479	2.776212	12.25	14765	152870.4	2.087315	85.67372
2407	1804.5	2406.212	1803.712	28.394	30.43137	46.5	26.54	0.034672	2.775455	12.25	14880	154627.5	2.110158	86.86717
2408	1805.5	2407.212	1804.712	28.3491	30.37621	46.6	28.48	0.035588	2.775834	12.25	14683	148632.2	2.032219	83.48097
2409	1806.5	2408.213	1805.713	28.38924	30.35552	46.6	25.41	0.032349	2.775834	12.25	14483	161290.8	2.196781	90.1795
2410	1807.5	2409.213	1806.713	28.45777	30.33484	46.6	20.65	0.029321	2.776212	12.25	15059	184995.7	2.504944	102.7598
2411	1808.5	2410.213	1807.713	28.44119	30.3831	46.6	28.65	0.034082	2.775077	12.25	14792	156395.5	2.133141	87.64661
2412	1809.5	2411.213	1808.713	28.42459	30.36242	46.6	23.6	0.032033	2.775455	12.25	14528	163407.2	2.224294	91.32969
2413	1810.5	2412.214	1809.714	28.43638	30.36242	46.6	26.25	0.033449	2.776591	12.25	15820	170336.6	2.314376	95.02845
2414	1811.5	2413.214	1810.714	28.47658	30.39	46.6	27.3	0.035533	2.775077	12.25	17113	173549.8	2.356147	96.83147
2415	1812.5	2414.214	1811.714	28.54524	30.40379	46.7	30.16	0.038496	2.775077	12.25	18405	172285.8	2.339715	96.16972
2416	1813.5	2415.214	1812.714	28.55706	30.40379	46.7	31.48	0.048867	2.775834	12.25	17231	127027.9	1.751362	71.98655
2417	1814.5	2416.214	1813.714	28.6827	30.43826	46.7	71.68	0.076047	2.773941	12.25	16054	76103.18	1.089341	44.82615
2418	1815.5	2417.215	1814.715	28.95077	30.39689	46.7	36.24	0.053995	2.775077	12.25	14880	99305.49	1.390971	57.16036
2419	1816.5	2418.215	1815.715	28.76339	8.685303	36.6	35.02	0.048005	0.735882	12.25	33535	949305.8	20.88473	253.2191
2420	1817.5	2419.215	1816.715	28.46189	8.699092	36.6	47.42	0.058814	0.735503	12.25	34747	803251.4	17.67153	214.6005
2421	1818.5	2420.215	1817.715	28.67316	8.705987	36.7	49.42	0.064725	0.735882	12.25	35954	754860.2	16.60693	201.7668
2422	1819.5	2421.215	1818.715	28.31433	8.719777	36.7	56.57	0.067115	0.735503	12.25	37165	752884.6	16.56346	201.5575
2423	1820.5	2422.216	1819.716	28.24044	8.678408	36.7	37.11	0.049489	0.73626	12.25	38372	1053102	23.16823	280.5921
2424	1821.5	2423.216	1820.716	28.50893	8.630145	36.7	25.65	0.033269	0.736639	12.25	39584	1615194	35.53428	427.9648
2425	1822.5	2424.216	1821.716	28.20665	8.630145	36.7	15.35	0.024277	0.737017	12.25	42935	2399599	52.79118	635.802
2426	1823.5	2425.216	1822.716	28.44677	8.595671	36.8	26.1	0.030334	0.737396	12.25	46284	2069196	45.52232	545.8917
2427	1824.5	2426.217	1823.717	28.57279	8.595671	36.8	21.63	0.028579	0.737774	12.25	49635	2354072	51.78958	621.047
2428	1825.5	2427.217	1824.717	28.12721	8.62325	36.8	20.58	0.026264	0.737396	12.25	48496	2504078	55.08971	662.7409
2429	1826.5	2428.217	1825.717	28.13879	8.595671	36.9	18.46	0.024279	0.737396	12.25	47363	2645483	58.20063	697.7016
2430	1827.5	2429.217	1826.717	28.15038	8.588776	36.9	18.74	0.024721	0.737774	12.25	46225	2534457	55.75805	667.8841
2431	1828.5	2430.217	1827.717	28.16196	8.581881	36.9	21.8	0.028379	0.737774	12.25	45485	2172415	47.79312	572.0186
2432	1829.5	2431.218	1828.718	28.17355	8.574987	37	26.33	0.032072	0.737774	12.25	44742	1890898	41.59976	497.3321
2433	1830.5	2432.218	1829.718	28.01327	8.581881	37	22.36	0.030557	0.738153	12.25	44001	1950764	42.9168	513.4901
2434	1831.5	2433.218	1830.718	28.02478	8.568092	37	26.65	0.031739	0.738153	12.25	43258	1846389	40.62057	485.2352
2435	1832.5	2434.15	1831.65	28.0363	8.740461	37	18.97	0.026279	0.755187	12.25	41534	2092876	46.04326	561.0772
2436	1833.5	2435.082	1832.582	27.84706	9.036935	37	19.95	0.02535	0.780171	12.25	39808	2012827	44.28218	557.9206
2437	1834.5	2436.014	1833.514	28.1454	9.036935	37.1	19.38	0.024429	0.779414	12.25	38084	2000151	44.00332	554.2284
2438	1835.5	2436.946	1834.446	28.44397	9.050725	37.1	16.39	0.021662	0.779414	12.25	36905	2185885	48.08946	606.6182
2439	1836.5	2437.878	1835.378	28.51306	9.04383	37.1	16.02	0.020711	0.779414	12.25	35722	2212916	48.68414	613.6519
2440	1837.5	2438.81	1836.31	28.29495	9.04383	37.2	16.06	0.020473	0.779035	12.25	34543	2165823	47.64811	600.3994
2441	1838.5	2439.742	1837.242	28.45023	9.030041	37.2	15.16	0.019868	0.778657	12.25	33450	2162213	47.5687	598.4849
2442	1839.5	2440.674	1838.174	28.20314	9.036935	37.2	15.9	0.020973	0.779035	12.25	32360	1980588	43.57293	548.6308
2443	1840.5	2441.606	1839.106	28.47354	9.050725	37.2	18.99	0.022586	0.779035	12.25	31266	1776929	39.09244	492.9675
2444	1841.5	2442.538	1840.038	28.4852	9.04383	37.3	13.41	0.019153	0.779414	12.25	30175	2021311	44.46884	560.1579
2445	1842.5	2443.47	1840.97	28.55442	9.016251	37.3	16.64	0.020805	0.779414	12.25	29085	1793589	39.45897	495.5347
2446	1843.5	2444.402	1841.902	28.62369	8.850777	37.3	17	0.021378	0.780549	12.25	26936	1614204	35.51249	437.789
2447	1844.5	2445.334	1842.834	28.75063	8.830093	37.3	15	0.019168	0.780171	12.25	24789	1657612	36.46746	448.5109
2448	1845.5	2446.266	1843.766	28.70474	9.105883	37.3	12.34	0.02007	0.779792	12.25	22641	1446701	31.82742	403.6694
2449	1846.5	2447.198	1844.698	28.54347	9.105883	37.3	29.18	0.032681	0.784335	12.25	20494	799517.1	17.58938	223.0873
2450	1847.5	2448.13	1845.63	28.61282	9.112778	37.4	23.26	0.030044	0.784335	12.25	18345	778492.8	17.12684	217.3154
2451	1848.5	2449.062	1846.562	28.65335	9.112778	37.4	17.81	0.024929	0.783578	12.25	17392	890344.6	19.58758	248.5387
2452	1849.5	2449.994	1847.494	28.78051	9.105883	37.4	21.69	0.027313	0.783578	12.25	16438	768064.9	16.89743	214.2423
2453	1850.5	2450.926	1848.426	28.85	9.085199	37.4	22.73	0.0288	0.783199	12.25	15485	686513.1	15.10329	191.0594
2454	1851.5	2451.858	1849.358	28.89066	9.078304	37.4	21.62	0.028886	0.783578	12.25	14531	641994.1	14.12387	178.534
2455	1852.5	2452.79	1850.29	28.98914	9.092093	37.4	25.42	0.031246	0.783578	12.25	13578	554577.6	12.20071	154.4583
2456	1853.5	2453.722	1851.222	29.05877	9.092093	37.4	22.33	0.029525	0.783578	12.25	12938	559235.2	12.30318	155.7556
2457	1854.5	2454.654	1852.154	29.15738	9.105883	37.4	22.87	0.029928	0.783578	12.25	12293	524194.2	11.53227	146.2175
2458	1855.5	2455.586	1853.086	29.08244	9.092093	37.4	25.68	0.031965	0.783956	12.25	11949	476838.4	10.49044	132.8068
2459	1856.5	2456.518	1854.018	29.12322	9.098988	37.4	23.39	0.030563	0.783578	12.25	11611	484824.5	10.66614	135.1334
2460	1857.5	2457.45	1854.95	29.1061	9.105883	37.4	23.21	0.029416	0.783578	12.25	11267	488819.2	10.75402	136.3501
2461	1858.5	2458.381	1855.881	29.08896	9.112778	37.4	20.87	0.028012	0.783578	12.25	10925	497724.1	10.94993	138.9391
2462	1859.5	2459.313	1856.813	29.2457	9.126567	37.4	23.87	0.030518	0.783199	12.25	10050	420466.6	9.250266	117.5504
2463	1860.5	2460.245	1857.745	29.28658	8.078564	37.4	25.89	0.029049	0.682886	12.25	9172	462368.9	10.17212	114.4216
2464	1861.5	2461.177	1858.677	29.35649	11.95342	39.5	7.96	0.016883	1.085274	12.25	5615	306443.4	6.741754	111.4553
2465	1862.5	2462.109	1859.609	29.39742	31.18979	46	20.96	0.022026	2.996901	12.25	3344	50658.47	1.013169	42.81477
2466	1863.5	2463.041	1860.541	29.46741	31.16221	46.1	10.86	0.017845	3.001444	12.25	3296	61538.91	1.230778	51.94827
2467	1864.5	2463.973	1861.473	29.56649	31.15532	46.2	18.77	0.021977	3.001444	12.25	7465	113170.2	2.263403	95.48192
2468	1865.5	2464.905	1862.405	29.52036	31.176	46.2	16.49	0.022316	3.001822	12.25	7628	113870.2	2.277404	96.13634
2469	1866.5	2465.837	1863.337	29.56139	31.18979	46.2	19.28	0.024528	3.001444	12.25	7814	106140.3	2.122807	89.64994
2470	1867.5	2466.769	1864.269	29.63152	31.21047	46.3	20.71	0.025129	3.000687	12.25	8000	106095.7	2.121914	89.64359
2471	1868.5	2467.701	1865.201	29.52716	31.19669	46.4	15	0.021949	3.001065	12.25	7973	121040.4	2.420807	102.1936
2472	1869.5	2468.633	1866.133	29.71372	31.22426	46.4	21.59	0.024582	3.001065	12.25	8747	118569.3	2.371386	100.1958

2473	1870.5	2469.565	1867.065	29.55106	31.20358	46.4	13.21	0.020494	3.002201	12.25	8249	134068.5	2.68137	113.2182
2474	1871.5	2470.497	1867.997	29.27174	31.25874	46.5	21.09	0.025631	3.002579	12.25	10499	136423.9	2.728478	115.3748
2475	1872.5	2471.429	1868.929	29.4584	31.27253	46.5	21.89	0.027618	3.005229	12.25	10759	129630.7	2.592614	109.6781
2476	1873.5	2472.361	1869.861	29.67435	31.26563	46.6	20.07	0.025882	3.004093	12.25	11016	141682	2.83364	119.8106
2477	1874.5	2473.293	1870.793	29.65718	31.25874	46.7	18.46	0.024247	3.002579	12.25	11983	164593.9	3.291878	139.1114
2478	1875.5	2474.225	1871.725	29.81502	31.27253	46.7	19.1	0.024685	3.003715	12.25	11809	159267.5	3.185351	134.6691
2479	1876.5	2475.157	1872.657	29.71031	31.27942	46.8	20.19	0.025676	3.004093	12.25	12231	158570.6	3.171412	134.0674
2480	1877.5	2476.089	1873.589	29.80988	31.28632	46.8	19.81	0.025687	3.004093	12.25	10113	131056.7	2.621135	110.8296
2481	1878.5	2477.021	1874.521	29.90953	31.27942	46.9	20.29	0.025247	3.004093	12.25	7995	105414.1	2.108282	89.09711
2482	1879.5	2477.953	1875.453	29.8047	30.65889	47.3	16.7	0.023348	2.970782	12.25	7823	112785.5	2.25571	93.31974
2483	1880.5	2478.885	1876.385	29.87517	29.25926	48.1	21.73	0.026002	2.89621	12.25	7902	104930	2.0986	82.6502
2484	1881.5	2479.817	1877.317	29.97494	29.23168	48.1	17.57	0.024073	2.895452	12.25	8545	122592	2.451841	96.47102
2485	1882.5	2480.749	1878.249	30.07477	29.22478	48.1	20.19	0.025146	2.893938	12.25	9128	125434.9	2.508697	98.68483
2486	1883.5	2481.681	1879.181	29.94054	29.211	48.1	18.87	0.026504	2.894317	12.25	9710	126578.6	2.531572	99.53765
2487	1884.5	2482.783	1880.283	29.89402	29.23168	48.1	27.86	0.034108	2.893938	12.25	7708	78090.24	1.561805	61.45134
2488	1885.5	2483.885	1881.385	29.93533	29.21789	48.1	28.66	0.036288	2.893181	12.25	6841	65160.26	1.303205	51.2522
2489	1886.5	2484.987	1882.487	30.06458	29.22478	48	26.63	0.034571	2.893181	12.25	5971	59697.28	1.193946	46.98096
2490	1887.5	2486.089	1883.589	30.13528	29.21789	48	25.95	0.033582	2.892803	12.25	7786	80146.63	1.602933	63.05944
2491	1888.5	2487.191	1884.691	30.20604	29.23168	48.1	26.09	0.032735	2.891667	12.25	9601	101428.2	2.028563	79.81658
2492	1889.5	2488.293	1885.793	29.95412	29.22478	48.1	22.26	0.029321	2.891289	12.25	12418	146480	2.9296	115.2419
2493	1890.5	2489.395	1886.895	29.93679	29.22478	48.1	21.53	0.028165	2.891289	12.25	15235	187087.6	3.741752	147.1896
2494	1891.5	2490.497	1887.997	29.91944	29.211	48.1	22.89	0.029207	2.889396	12.25	15765	186806.8	3.736135	146.8993
2495	1892.5	2491.599	1889.099	29.96081	29.211	48.1	23.04	0.030426	2.889774	12.25	16294	185317.5	3.70635	145.7282
2496	1893.5	2492.701	1890.201	29.59081	29.211	48.1	26.76	0.033125	2.889017	12.25	15891	166051	3.321019	130.5776
2497	1894.5	2493.803	1891.303	29.89664	29.21789	48.1	24.31	0.031703	2.88826	12.25	15485	169113.2	3.382264	133.017
2498	1895.5	2494.905	1892.405	29.93802	29.24547	48.1	23.76	0.030763	2.889774	12.25	14409	162084.3	3.241685	127.6087
2499	1896.5	2496.007	1893.507	29.8029	29.25236	48.2	24.03	0.030368	2.889017	12.25	13335	151992.9	3.039857	119.6547
2500	1897.5	2497.109	1894.609	29.90312	29.24547	48.4	21.66	0.029555	2.889017	12.25	14099	165122.4	3.302449	129.8793
2501	1898.5	2498.211	1895.711	29.65009	29.27994	48.4	27.08	0.033239	2.889017	12.25	14863	154777.7	3.095554	121.8861
2502	1899.5	2499.313	1896.813	29.89759	29.30752	48.4	24.94	0.03249	2.890153	12.25	12198	129901.9	2.598037	102.3929
2503	1900.5	2500.415	1897.915	29.96847	29.30752	48.4	24.59	0.031765	2.889396	12.25	9535	103887.8	2.077757	81.88782
2504	1901.5	2501.517	1899.017	29.98045	29.30063	48.4	24.75	0.032007	2.889396	12.25	11181	120898.9	2.417979	95.2741
2505	1902.5	2502.619	1900.119	29.81547	29.30063	48.5	25.59	0.031615	2.88826	12.25	12824	140441.9	2.808837	110.6404
2506	1903.5	2503.721	1901.221	29.88638	29.30752	48.7	20.24	0.027733	2.889396	12.25	12193	152159.4	3.043189	119.8253
2507	1904.5	2504.823	1902.323	29.4851	29.30752	48.9	22.71	0.027478	2.888639	12.25	11561	145651.3	2.913025	114.6289
2508	1905.5	2505.925	1903.425	29.99881	29.29373	49	16.99	0.022228	2.887882	12.25	7225	112553.3	2.251066	88.5113
2509	1906.5	2507.027	1904.527	30.04031	29.30063	49.1	12.93	0.019398	2.889017	12.25	9200	164165.1	3.283301	129.0888
2510	1907.5	2508.129	1905.629	30.14094	29.31442	49.3	21.7	0.0247	2.888639	12.25	9218	129196.9	2.583939	101.5769
2511	1908.5	2509.231	1906.731	30.12338	29.36268	49.4	15.39	0.023792	2.891667	12.25	5172	75175.68	1.503514	59.1834
2512	1909.5	2510.333	1907.833	30.2241	30.34863	49.6	27.63	0.033112	2.939742	12.25	6641	68223.42	1.364468	55.47921
2513	1910.5	2511.319	1908.819	30.23613	30.36931	49.6	28.42	0.036798	2.938985	12.25	9135	84465.88	1.689318	68.73438
2514	1911.5	2512.306	1909.806	30.24816	30.35552	49.6	30.2	0.036768	2.941256	12.25	11627	107512.7	2.150253	87.44904
2515	1912.5	2513.292	1910.792	30.2898	30.35552	49.6	22.15	0.031422	2.938985	12.25	12312	133321.9	2.666438	108.4418
2516	1913.5	2514.279	1911.779	30.33147	30.36242	49.6	27.65	0.033773	2.938227	12.25	13320	134228.9	2.684578	109.2044
2517	1914.5	2515.265	1912.765	30.34352	30.35552	49.6	24.66	0.031729	2.939742	12.25	14326	153591	3.07182	124.9284
2518	1915.5	2516.252	1913.752	30.47416	30.35552	49.6	21.59	0.029051	2.938227	12.25	13331	156177.4	3.123548	127.0321
2519	1916.5	2517.238	1914.738	30.57523	30.34863	49.6	24.38	0.030787	2.937092	12.25	12336	136425.2	2.728505	110.9409
2520	1917.5	2518.225	1915.725	30.35002	30.33484	49.5	24.38	0.03075	2.937092	12.25	12937	143241.5	2.864829	116.467
2521	1918.5	2519.211	1916.711	30.36207	30.33484	49.5	21.42	0.028798	2.936713	12.25	12500	147805.5	2.956111	120.1779
2522	1919.5	2520.198	1917.698	30.25534	30.34863	49.4	24.16	0.030194	2.935956	12.25	12063	136075.1	2.721501	110.7247
2523	1920.5	2521.184	1918.684	30.08912	30.33484	49.4	22.67	0.02998	2.935956	12.25	12323	140002.8	2.800056	113.869
2524	1921.5	2522.171	1919.671	30.19019	30.36242	49.4	24.89	0.029946	2.935578	12.25	12583	143139	2.86278	116.5256
2525	1922.5	2523.157	1920.657	30.26161	30.3831	49.4	17.34	0.02471	2.935578	12.25	11391	157032.1	3.140642	127.9227
2526	1923.5	2524.144	1921.644	30.30333	30.39	49.4	20.92	0.026388	2.935578	12.25	11141	143820.3	2.876407	117.1866
2527	1924.5	2525.13	1922.63	30.55333	30.42447	49.3	21.97	0.027815	2.935578	12.25	11032	135108	2.702161	110.2467
2528	1925.5	2526.117	1923.617	30.2678	30.43137	49.2	20.84	0.027573	2.935578	12.25	10923	134949.4	2.698988	110.1764
2529	1926.5	2527.103	1924.603	29.86294	30.43826	49.2	23.18	0.029405	2.934442	12.25	11159	129324.3	2.586486	105.6079
2530	1927.5	2528.09	1925.59	29.96411	30.44516	49.2	23.49	0.03016	2.932928	12.25	11097	125450.1	2.509002	102.4674
2531	1928.5	2529.076	1926.576	30.45271	30.47274	49.2	23.43	0.030173	2.932928	12.25	11036	124707.3	2.494146	101.9529
2532	1929.5	2530.063	1927.563	30.55416	30.47963	49.1	23.42	0.02971	2.933306	12.25	10709	122884	2.45768	100.5162
2533	1930.5	2531.049	1928.549	30.47677	30.50031	49.1	21.36	0.027264	2.933306	12.25	10382	129819.5	2.596391	106.2614
2534	1931.5	2532.036	1929.536	30.25014	30.47963	49.1	18.21	0.024189	2.932171	12.25	9170	129289	2.58578	105.7553
2535	1932.5	2533.022	1930.522	30.29192	30.47274	49	18.54	0.024035	2.931035	12.25	9081	128907	2.57814	105.4518
2536	1933.5	2534.009	1931.509	30.33373	30.46584	49	19.65	0.025433	2.931035	12.25	8475	113687.6	2.273753	92.98058
2537	1934.5	2534.995	1932.495	30.19635	30.47274	49	21.4	0.026759	2.930657	12.25	8624	109968.2	2.199364	89.95897
2538	1935.5	2535.982	1933.482	30.29789	30.47274	49	19.47	0.025588	2.930657	12.25	8774	117003.1	2.340062	95.71382
2539	1936.5	2536.968	1934.468	30.30983	30.47274	49	19.98	0.025311	2.930278	12.25	8515	114805.8	2.296115	93.9163
2540	1937.5	2537.955	1935.455	30.44138	30.48653	49	18.58	0.023412	2.931035	12.25	8281	120674.9	2.413498	98.76217
2541	1938.5	2538.941	1936.441	30.57302	30.43826	49	14.82	0.02181	2.924979	12.25	6525	102284.5	2.045691	83.5787
2542	1939.5	2539.928	1937.428	30.46535	30.39689	48.9	23.79	0.028175	2.918922	12.25	3958	48126.24	0.962525	39.28365
2543	1940.5	2540.914	1938.414	30.50727	30.40379	48.9	21.34	0.0283	2.9193	12.25	6263	75808.57	1.516171	61.89373
2544	1941.5	2541.901	1939.401	30.54922	30.41758	48.9	22.75	0.028884	2.918543	12.25	8323	98733.3	1.974666	80.64713
2545	1942.5	2542.887	1940.387	30.56123	30.42447	48.9	22.28	0.029341	2.920058	12.25	8458	98720.75	1.974415	80.65516
2546	1943.5	2543.874	1941.374	30.66316	30.42447	48.9	24.88	0.031619	2.9193	12.25	8593	93092.87	1.861857	76.05717
2547	1944.5	2544.86	1942.36	30.79514	30.43137	48.9	25.57	0.032836	2.9193	12.25	10352	107994.1	2.159882	88.25151
2548	1945.5	2545.847	1943.347	30.77724	30.44516	48.9	25.88	0.032741	2.918922	12.25	10237	107116.2	2.142324	87.57377
2549	1946.5	2546.833	1944.333	30.45922	30.46584	48.9	23.51	0.030804	2.9193	12.25	10123	112570.9	2.251418	92.09585
2550	1947.5	2547.82	1945.32	30.68131	30.45205	48.8	23.65	0.030782	2.918922	12.25	9557	106364.7	2.127294	87.00608
2551	1948.5	2548.806	1946.306	30.84351	30.45895	48.8	25.36	0.032248	2.918543	12.25	8992	95541.19	1.910824	78.17017
2552	1949.5	2549.793	1947.293	30.91569	30.47274	48.8	25.21	0.032132	2.918543	12.25	10381	110697.2	2.213944	90.61157

2553	1950.5	2550.779	1948.279	30.83763	30.47963	48.8	23.56	0.029896	2.917786	12.25	10209	117034.4	2.340687	95.82055
2554	1951.5	2551.766	1949.266	30.96998	30.48653	48.8	19.89	0.02656	2.918165	12.25	10040	129538.2	2.590764	106.0819
2555	1952.5	2552.752	1950.252	31.04227	30.49342	48.8	20.67	0.026663	2.918165	12.25	9854	126647.3	2.532946	103.7379
2556	1953.5	2553.739	1951.239	31.05442	30.50031	48.8	21.7	0.028122	2.917786	12.25	9589	116862.7	2.337255	95.74495
2557	1954.5	2554.725	1952.225	30.76553	30.5141	48.7	23.6	0.030544	2.917408	12.25	10293	115509.1	2.310183	94.70817
2558	1955.5	2555.712	1953.212	30.53665	30.5141	48.7	26.26	0.033374	2.917029	12.25	9954	102246	2.04492	83.83346
2559	1956.5	2556.698	1954.198	30.51846	30.54168	48.7	26.91	0.033576	2.917408	12.25	9614	98147.65	1.962953	80.54588
2560	1957.5	2557.685	1955.185	30.83177	30.54858	48.7	22.59	0.030132	2.917786	12.25	9767	111090.4	2.221807	91.18803
2561	1958.5	2558.671	1956.171	30.39156	30.55547	48.7	23.17	0.029686	2.917786	12.25	9885	114122.7	2.282454	93.69827
2562	1959.5	2559.658	1957.158	30.3431	30.54168	48.7	23.09	0.029935	2.917408	12.25	9246	105871.7	2.117433	86.88468
2563	1960.5	2560.644	1958.144	30.65668	30.54858	48.6	23.99	0.02972	2.917408	12.25	10047	115874.1	2.317481	95.14428
2564	1961.5	2561.631	1959.131	30.06493	30.55547	48.6	19.47	0.024672	2.917408	12.25	9526	132346.6	2.646932	108.6944
2565	1962.5	2562.617	1960.117	30.07666	30.54858	48.6	13.12	0.019179	2.917786	12.25	9006	160934.4	3.218689	132.1434
2566	1963.5	2563.604	1961.104	30.08838	30.54858	48.5	17.44	0.020713	2.917029	12.25	8473	140232.5	2.80465	115.1808
2567	1964.5	2564.59	1962.09	30.10011	30.53479	48.5	13.66	0.018031	2.917408	12.25	8148	154891.4	3.097828	127.1636
2568	1965.5	2565.577	1963.077	30.11183	30.521	48.5	11.96	0.015967	2.917786	12.25	7084	152053	3.041059	124.7769
2569	1966.5	2566.563	1964.063	30.12356	30.50721	48.4	12.92	0.016199	2.917029	12.25	5874	124309.9	2.486198	101.9961
2570	1967.5	2567.55	1965.05	30.13528	29.88668	48.1	11.86	0.015454	2.877283	12.25	4617	103830.1	2.076603	83.53759
2571	1968.5	2568.536	1966.036	30.14701	29.58331	48	11.67	0.016632	2.858734	12.25	3805	80025.18	1.600504	63.75136
2572	1969.5	2569.523	1967.023	30.15874	29.56263	48	18.98	0.020647	2.859491	12.25	5395	91380.12	1.827602	72.74628
2573	1970.5	2570.509	1968.009	30.17046	29.56952	48	8.64	0.014624	2.859113	12.25	6155	147206.4	2.944128	117.216
2574	1971.5	2571.496	1968.996	30.18219	29.58331	47.9	14.62	0.016158	2.85987	12.25	4394	95086.89	1.901738	75.77374
2575	1972.5	2572.482	1969.982	30.19391	29.85221	47.8	8.19	0.013245	2.87539	12.25	4061	106634.9	2.132699	85.77535
2576	1973.5	2573.469	1970.969	30.20564	30.23142	47.7	14.35	0.019269	2.896588	12.25	4417	79136.25	1.582725	64.48459
2577	1974.5	2574.455	1971.955	30.21737	30.24521	47.7	24.22	0.028409	2.897345	12.25	4479	54415.11	1.088302	44.36066
2578	1975.5	2575.442	1972.942	30.22909	30.22452	47.6	21.18	0.027639	2.896588	12.25	4477	55921.21	1.118424	45.5715
2579	1976.5	2576.428	1973.928	30.24082	30.21763	47.6	19.88	0.026232	2.89621	12.25	4966	65365.99	1.30732	53.25612
2580	1977.5	2577.415	1974.915	30.25254	30.19695	47.6	21.56	0.027575	2.896588	12.25	4838	60571.44	1.211429	49.31604
2581	1978.5	2578.401	1975.901	30.14273	30.20384	47.5	22.4	0.028302	2.894317	12.25	4712	57522.93	1.150459	46.85931
2582	1979.5	2579.388	1976.888	30.33679	30.17626	47.5	20.75	0.027622	2.893181	12.25	5585	69886.54	1.397731	56.87896
2583	1980.5	2580.374	1977.874	30.28772	30.18316	47.5	23.34	0.029098	2.89356	12.25	5817	69087.96	1.381759	56.24187
2584	1981.5	2581.361	1978.861	30.2386	30.15558	47.4	21.51	0.028038	2.893938	12.25	6051	74574.14	1.491483	60.67141
2585	1982.5	2582.347	1979.847	30.25031	30.15558	47.4	21.3	0.027225	2.89356	12.25	5985	75973.79	1.519476	61.81012
2586	1983.5	2583.334	1980.834	30.38379	30.16937	47.4	20.18	0.025978	2.894695	12.25	5708	75904.61	1.518092	61.78208
2587	1984.5	2584.32	1981.82	30.63919	30.17626	47.4	19.06	0.025191	2.894317	12.25	5966	81826.05	1.636521	66.61702
2588	1985.5	2585.307	1982.807	30.71197	30.128	47.4	20.99	0.026378	2.894317	12.25	6223	81511.71	1.630234	66.25497
2589	1986.5	2586.293	1983.793	30.81527	30.128	47.4	19.92	0.025852	2.894695	12.25	6413	85697.25	1.713945	69.65709
2590	1987.5	2587.28	1984.78	30.79669	30.15558	47.4	19.82	0.025978	2.89356	12.25	6413	85313.13	1.706263	69.40835
2591	1988.5	2588.266	1985.766	30.83908	30.16937	47.4	21.88	0.027828	2.892046	12.25	6413	79684.83	1.593697	64.85896
2592	1989.5	2589.253	1986.753	30.97304	30.19005	47.4	22.36	0.028678	2.892424	12.25	6956	83860.15	1.677203	68.30424
2593	1990.5	2590.239	1987.739	30.49656	30.19005	47.4	22.34	0.028502	2.892424	12.25	6800	82485.49	1.64971	67.18458
2594	1991.5	2591.226	1988.726	30.59994	30.19005	47.3	21.12	0.02733	2.892046	12.25	6644	84058.71	1.681174	68.48734
2595	1992.5	2592.212	1989.712	30.67283	30.18316	47.3	20.56	0.027103	2.89091	12.25	6584	84031.6	1.680632	68.44961
2596	1993.5	2593.199	1990.699	30.8069	30.20384	47.3	22.96	0.028712	2.89091	12.25	6527	78635.29	1.572706	64.09784
2597	1994.5	2594.185	1991.685	30.84935	30.21763	47.3	21.42	0.02754	2.890531	12.25	6473	81312.57	1.626251	66.31042
2598	1995.5	2595.172	1992.672	30.55536	30.16937	47.2	19.72	0.027313	2.885989	12.25	3694	46863.35	0.937267	38.16794
2599	1996.5	2596.158	1993.658	30.32234	30.08663	46.9	27	0.031844	2.874254	12.25	3819	41724.54	0.834491	33.9212
2600	1997.5	2597.145	1994.645	30.6095	30.1211	46.9	20.7	0.027727	2.873876	12.25	4740	59484.87	1.189697	48.4154
2601	1998.5	2598.131	1995.631	30.56003	30.128	46.9	19.43	0.026064	2.874254	12.25	5661	75565.35	1.511307	61.51756
2602	1999.5	2599.118	1996.618	30.57178	30.1211	46.9	23.06	0.029302	2.868576	12.25	6615	78698.72	1.573974	64.05376
2603	2000.5	2600.104	1997.604	30.67546	30.16937	47	24.9	0.031477	2.87274	12.25	6213	68707.6	1.374152	55.99399
2604	2001.5	2601.091	1998.591	30.7179	30.1211	47	24.05	0.030909	2.873119	12.25	5813	65458.02	1.30916	53.26037
2605	2002.5	2602.077	1999.577	31.03638	30.11421	47	22.96	0.029546	2.872362	12.25	6427	75729.17	1.514583	61.60346
2606	2003.5	2603.077	2000.577	30.89489	30.11421	47	21.82	0.028242	2.872362	12.25	5209	64212.54	1.284251	52.23502
2607	2004.5	2604.077	2001.577	30.56914	30.11421	47	21.39	0.027721	2.871983	12.25	5069	63670.38	1.273408	51.79398
2608	2005.5	2605.077	2002.577	30.91861	30.10731	46.9	21.82	0.028832	2.872362	12.25	6439	77750.68	1.555014	63.25317
2609	2006.5	2606.077	2003.577	30.96118	30.10042	46.9	25.71	0.03213	2.871983	12.25	7330	79435.53	1.588711	64.60906
2610	2007.5	2607.077	2004.577	30.75795	30.1211	46.8	25.09	0.031437	2.870469	12.25	8221	91103.36	1.822067	74.17322
2611	2008.5	-9999	-9999	30.80048	30.128	46.8	20.45	0.027407	2.870847	12.25	8660	110062.8	2.201255	89.62981
2612	2009.5	-9999	-9999	30.84302	30.09352	46.8	20.85	0.02697	2.871604	12.25	8809	113743.4	2.274868	92.52117
2613	2010.5	-9999	-9999	30.94712	30.11421	46.7	21.85	0.028015	2.869712	12.25	8957	111414.2	2.228283	90.71716
2614	2011.5	-9999	-9999	30.83587	30.09352	46.7	22.32	0.028894	2.870469	12.25	7519	90655.86	1.813117	73.76435
2615	2012.5	-9999	-9999	30.81688	30.1211	46.8	23.54	0.029725	2.869333	12.25	7840	91921.98	1.83844	74.83971
2616	2013.5	-9999	-9999	30.67467	30.11421	46.8	22.06	0.028916	2.868576	12.25	8159	98364.15	1.967283	80.06637
2617	2014.5	-9999	-9999	30.62478	30.10731	46.8	22.99	0.02963	2.868198	12.25	9378	110348.6	2.206973	89.80093
2618	2015.5	-9999	-9999	30.57484	30.07284	46.7	24.08	0.02992	2.868955	12.25	9189	107049.7	2.140994	87.04375
2619	2016.5	-9999	-9999	30.46318	30.07284	46.7	20.14	0.027523	2.868198	12.25	9000	114007.6	2.280153	92.70135
2620	2017.5	-9999	-9999	30.44397	30.04526	46.6	23.64	0.029727	2.868198	12.25	8484	99504.92	1.990098	80.86004
2621	2018.5	-9999	-9999	30.45559	30.05216	46.5	23.85	0.030973	2.866305	12.25	7970	89773.58	1.795472	72.99169
2622	2019.5	-9999	-9999	30.46721	30.03147	46.5	25.32	0.031937	2.866305	12.25	7753	84695.06	1.693901	68.81513
2623	2020.5	-9999	-9999	30.47883	30.07973	46.5	23.72	0.030737	2.866683	12.25	6206	70431.44	1.408629	57.31784
2624	2021.5	-9999	-9999	30.49045	30.08663	46.5	23.06	0.029645	2.867062	12.25	4658	54803.48	1.09607	44.60987
2625	2022.5	-9999	-9999	30.50207	30.07973	46.6	22.21	0.028817	2.867062	12.25	7005	84785.62	1.695712	68.97784
2626	2023.5	-9999	-9999	30.51369	30.04526	46.5	22.41	0.028072	2.868198	12.25	6769	84068.72	1.681374	68.33759
2627	2024.5	-9999	-9999	30.52531	30.14868	46.3	18.99	0.025547	2.870847	12.25	5907	80540.44	1.610809	65.73602
2628	2025.5	-9999	-9999	30.53693	30.20384	46.1	20.7	0.026232	2.871604	12.25	7906	104956	2.09912	85.87416
2629	2026.5	-9999	-9999	30.54855	30.24521	46.1	20.47	0.027472	2.869333	12.25	8329	105663.7	2.113273	86.57158
2630	2027.5	-9999	-9999	30.56017	30.22452	46.1	25.46	0.03198	2.869712	12.25	8752	95366.66	1.907333	78.08167
2631	2028.5	-9999	-9999	30.57179	30.20384	46.1	26.74	0.033462	2.87009	12.25	8878	92441.26	1.848825	75.6347
2632	2029.5	-9999	-9999	30.58341	30.21074	46	23.54	0.031186	2.867441	12.25	9004	100689.8	2.013796	82.42822

2633	2030.5	-9999	-9999	30.59503	30.22452	46	24.45	0.030422	2.867819	12.25	8775	100579.5	2.011589	82.37546
2634	2031.5	-9999	-9999	30.60665	30.21074	45.9	20.45	0.028133	2.868198	12.25	8545	105899.4	2.117988	86.72016
2635	2032.5	-9999	-9999	30.61827	30.22452	45.9	24.87	0.030712	2.867819	12.25	8986	102026.5	2.040531	83.58683
2636	2033.5	-9999	-9999	30.62989	30.20384	45.9	23.21	0.031115	2.869333	12.25	8479	94971.93	1.899439	77.75398
2637	2034.5	-9999	-9999	30.64151	30.21763	45.8	27.31	0.034277	2.867441	12.25	7974	81128.47	1.622569	66.47143

Well B24: mudlog data

MDRT_unshifted	Burial Depth_unshifted	MDRT	Burial Depth	P_mudlog	Pump Pressure	Fluid Temperature	ROP_ave	Vcut_ave	Vflow_ave	Hole Diameter	TG GC equiv	(calibrated total gas concentrations) TG GC norm_ave	TG GC norm_ave	TG GCnorm
m	m	m	m	MPa	MPa	°C	m/hr	m3/min	m3/min	in	ppmv	ppmv	vol.% scaled	mol/m³ scaled
1212	567.5	-9999	-9999	12.1855	27.11499	45	28.305	0.075973	4.076119	17.5		171.1473	1.01044	37.23763
1213	568.5	-9999	-9999	12.19555	27.08741	45	31.981	0.082406	4.077633	17.5	54	160.7038	1.009803	37.1763
1214	569.5	-9999	-9999	12.20561	27.07362	45	31.969	0.075908	4.076119	17.5	55	177.7573	1.010843	37.19565
1215	570.5	-9999	-9999	12.21566	18.57238	45	13.501	0.041611	3.228568	17.5	535	3982.302	1.24292	31.37423
1216	571.5	-9999	-9999	12.22572	24.10887	45	9.058	0.025631	3.757767	17.5	1740	18065.89	2.102019	68.87723
1217	572.5	-9999	-9999	12.23577	27.47352	45	8.802	0.026606	4.117758	17.5	857	7822.463	1.47717	55.15779
1218	573.5	-9999	-9999	12.24582	27.46662	45	16.496	0.039868	4.11473	17.5	1124	6851.661	1.417951	52.93325
1219	574.5	-9999	-9999	12.25588	27.41836	45	16.265	0.04055	4.112459	17.5	2657	15933.15	1.971922	73.48409
1220	575.5	-9999	-9999	12.26593	27.33562	45	11.051	0.041497	4.118515	17.5	2809	16435.81	2.002585	74.40153
1221	576.5	-9999	-9999	12.27599	27.48731	45	34.302	0.080027	4.113216	17.5	4556	13840.91	1.844296	68.90088
1222	577.5	-9999	-9999	12.3292	27.43904	45	34.506	0.091261	4.114351	17.5	4426	11787.62	1.719045	64.10889
1223	578.5	-9999	-9999	12.32489	27.45973	45	36.094	0.094095	4.113594	17.5	4296	11098.85	1.67703	62.58916
1224	579.5	-9999	-9999	12.32056	27.48041	45	36.01	0.092481	4.115487	17.5	4094	10756.62	1.656154	61.85659
1225	580.5	-9999	-9999	12.33062	27.41836	45	31.072	0.084766	4.117001	17.5	3891	11149.55	1.680123	62.61011
1226	581.5	-9999	-9999	12.34069	27.45283	45	33.29	0.08795	4.115865	17.5	3943	10892.56	1.664446	62.10391
1227	582.5	-9999	-9999	12.45187	27.47352	45	36.627	0.096482	4.116244	17.5	3780	9517.986	1.580597	59.01976
1228	583.5	-9999	-9999	12.66442	27.54936	45	40.546	0.103846	4.114351	17.5	3617	8465.562	1.516399	56.77892
1229	584.5	-9999	-9999	12.63133	27.52178	45	38.352	0.101196	4.117001	17.5	3660	8784.903	1.535879	57.45073
1230	585.5	-9999	-9999	12.77193	27.50799	45	37.156	0.098538	4.117758	17.5	3703	9126.214	1.556699	58.20035
1231	586.5	-9999	-9999	12.57942	27.52178	45	38.063	0.097611	4.117758	17.5	3515	8745.148	1.533454	57.36002
1232	587.5	-9999	-9999	12.76369	27.4942	45	33.514	0.094506	4.118137	17.5	3328	8551.106	1.521617	56.86023
1233	588.5	-9999	-9999	12.64341	27.54936	45	43.713	0.105458	4.117001	17.5	2848	6559.621	1.400137	52.42567
1234	589.5	-9999	-9999	12.71177	27.52867	45	32.478	0.090491	4.116623	17.5	2369	6359.411	1.387924	51.92937
1235	590.5	-9999	-9999	12.64937	27.48041	45	33.038	0.084563	4.116623	17.5	2300	6607.028	1.403029	52.40248
1236	591.5	-9999	-9999	12.67417	27.45283	45	28.494	0.071772	4.115487	17.5	2243	7593.737	1.463218	54.59567
1237	592.5	-9999	-9999	12.69899	27.60452	45	16.897	0.055949	4.098831	17.5	1354	5904.253	1.360159	51.03076
1238	593.5	-9999	-9999	12.72383	27.87341	45	31.694	0.072408	4.092774	17.5	2063	6961.349	1.424642	53.97069
1239	594.5	-9999	-9999	12.71952	27.85962	45	21.692	0.065977	4.09391	17.5	2359	8733.7	1.532756	58.0377
1240	595.5	-9999	-9999	12.71518	27.65278	45	32.215	0.08427	4.103752	17.5	2255	6520.664	1.39776	52.53317
1241	596.5	-9999	-9999	12.72544	27.91478	45	41.903	0.090644	4.094289	17.5	2245	6049.229	1.369003	51.93985
1242	597.5	-9999	-9999	12.72107	27.32873	45	7.184	0.041282	4.110944	17.5	2134	12574.58	1.767049	65.63418
1243	598.5	-9999	-9999	12.81912	27.31494	45	23.64	0.057678	4.10943	17.5	3246	13694.76	1.83538	68.13782
1244	599.5	-9999	-9999	12.74156	27.35631	45	29.981	0.072004	4.106023	17.5	3278	11087.48	1.676337	62.32764
1245	600.5	-9999	-9999	12.86906	27.34941	45	20.877	0.066922	4.110944	17.5	3156	11471.63	1.69977	63.18298
1246	601.5	-9999	-9999	12.80605	27.68725	45	39.347	0.098351	4.104131	17.5	3479	8618.98	1.525758	57.41528
1247	602.5	-9999	-9999	12.80164	27.79757	45	46.347	0.117147	4.102995	17.5	3801	7907.976	1.482387	56.00546
1248	603.5	-9999	-9999	12.79722	27.79068	45	42.804	0.103057	4.103752	17.5	3954	9349.247	1.570304	59.31232
1249	604.5	-9999	-9999	13.13097	27.40457	45	17.798	0.056578	4.112459	17.5	4107	17651.13	2.076719	77.35043
1250	605.5	-9999	-9999	13.12676	27.19773	45	15.217	0.045711	4.110944	17.5	3807	20258.96	2.235797	82.64697
1251	606.5	-9999	-9999	13.24036	27.33562	45	25.729	0.057931	4.106402	17.5	2595	10908.42	1.665414	61.8747
1252	607.5	-9999	-9999	13.29516	27.24599	45	14.17	0.041258	4.112837	17.5	2480	14615.18	1.891526	70.04497
1253	608.5	-9999	-9999	13.18777	27.18394	45	11.815	0.031825	4.11473	17.5	2428	18541.38	2.131024	78.73408
1254	609.5	-9999	-9999	13.22782	27.16325	45	11.251	0.029846	4.118894	17.5	2375	19319.52	2.178491	80.42656
1255	610.5	-9999	-9999	13.07585	27.12878	45	11.343	0.031168	4.116244	17.5	2416	18831.6	2.148728	79.22709
1256	611.5	-9999	-9999	13.10105	27.17704	45	14.558	0.035734	4.120786	17.5	2785	18913.1	2.153699	79.55165
1257	612.5	-9999	-9999	13.12628	27.20462	45	12.034	0.037264	4.119272	17.5	2237	14573.41	1.888978	69.84441
1258	613.5	-9999	-9999	13.16635	27.29425	45	22.408	0.052314	4.116623	17.5	2278	10577.88	1.64525	61.03308
1259	614.5	-9999	-9999	13.17681	27.29425	45	17.807	0.0582	4.11738	17.5	2318	9673.215	1.590066	58.98593
1260	615.5	-9999	-9999	13.17244	27.26667	45	39.28	0.094317	4.118894	17.5	3363	8656.816	1.528066	56.62865
1261	616.5	-9999	-9999	13.16805	27.29425	45	40.472	0.106237	4.118894	17.5	3556	8126.523	1.495718	55.48594
1262	617.5	-9999	-9999	13.14878	27.26667	45	41.455	0.109551	4.118894	17.5	3750	8310.642	1.506949	55.84609
1263	618.5	-9999	-9999	13.1592	27.28736	45	43.899	0.113943	4.11738	17.5	3469	7394.293	1.451052	53.81539
1264	619.5	-9999	-9999	13.15474	27.30804	45	43.17	0.113505	4.119651	17.5	3189	6819.924	1.416015	52.55579
1265	620.5	-9999	-9999	13.20982	27.27357	45	42.642	0.098294	4.11738	17.5	3191	7884.605	1.480961	54.89687
1266	621.5	-9999	-9999	13.35441	27.57694	45	10.744	0.047781	4.119651	17.5	1588	8067.469	1.492116	55.92559
1267	622.5	-9999	-9999	13.32021	27.55625	45	23.503	0.05043	4.121165	17.5	1364	6563.01	1.400344	52.44654
1268	623.5	-9999	-9999	13.31579	27.52178	45	10.416	0.030822	4.118515	17.5	1536	12099.93	1.738096	65.0148
1269	624.5	-9999	-9999	13.22171	27.64589	45	5.225	0.017602	4.123436	17.5	1504	20721.87	2.264034	85.06981
1270	625.5	-9999	-9999	13.23213	27.93547	45	8.883	0.020258	4.115108	17.5	1430	17153.33	2.046353	77.69597
1271	626.5	-9999	-9999	13.24255	27.85962	45	5.509	0.015957	4.118137	17.5	1381	21015.24	2.28193	86.40513
1272	627.5	-9999	-9999	13.25297	27.68725	45	5.524	0.015618	4.116244	17.5	1464	22772.82	2.389142	89.90501
1273	628.5	-9999	-9999	13.26339	27.64589	45	8.063	0.018378	4.115487	17.5	1348	17822.33	2.087162	78.42396
1274	629.5	-9999	-9999	13.3488	27.83204	45	4.196	0.013597	4.142363	17.5	1103	19583.01	2.194563	83.01475
1275	630.5	-9999	-9999	13.55441	27.78378	45	6.206	0.014241	4.142363	17.5	1895	32122.75	2.959487	111.7558
1276	631.5	-9999	-9999	13.55002	27.82515	45	3.504	0.01029	4.137064	17.5	564	13248.74	1.808173	68.38165
1277	632.5	-9999	-9999	13.44037	27.79068	45	3.278	0.009303	4.137064	17.5	622	16162.07	1.985886	75.00937
1278	633.5	-9999	-9999	13.54117	27.71483	45	4.629	0.014306	4.139713	17.5	989	16699.59	2.018675	76.03976
1279	634.5	-9999	-9999	13.77763	27.68036	45	10.878	0.026709	4.140849	17.5	1414	12785.19	1.779896	66.96201
1280	635.5	-9999	-9999	13.42674	27.69415	45	12.856	0.031503	4.142363	17.5	1554	11908.35	1.72641	64.98212
1281	636.5	-9999	-9999	13.48247	27.63899	45	9.644	0.027693	4.141985	17.5	1583	13800.72	1.841844	69.189
1282	637.5	-9999	-9999	13.4779	27.63899	45	11.813	0.036934	4.141606	17.5	958	6262.855	1.382034	51.91621
1283	638.5	-9999	-9999	13.57904	27.72862	45	27.453	0.058465	4.138578	17.5	2142	8852.605	1.540009	58.03815
1284	639.5	-9999	-9999	13.54428	27.65967	45	11.897	0.039083	4.140092	17.5	2012	12434.45	1.758501	66.10766

1285	640.5	-9999	-9999	13.52457	27.68036	45	14.217	0.035303	4.139713	17.5	1687	11543.46	1.704151	64.11237
1286	641.5	-9999	-9999	13.51996	27.56315	45	11.859	0.04271	4.134792	17.5	2260	12797.57	1.780652	66.70676
1287	642.5	-9999	-9999	13.53047	27.34252	45	35.887	0.08508	4.11208	17.5	2602	7437.335	1.453677	54.02174
1288	643.5	-9999	-9999	13.52582	27.34941	45	38.898	0.102423	4.111701	17.5	2943	6988.304	1.426287	53.0172
1289	644.5	-9999	-9999	13.50597	27.35631	45	42.433	0.108037	4.111323	17.5	2238	5038.544	1.307351	48.60845
1290	645.5	-9999	-9999	13.53163	27.39078	45	38.104	0.098011	4.112837	17.5	1534	3805.463	1.232133	45.86951
1291	646.5	-9999	-9999	13.52693	27.38388	45	28.988	0.083647	4.110566	17.5	2148	6247.153	1.381076	51.40138
1292	647.5	-9999	-9999	13.52219	27.35631	45	36.976	0.095381	4.113594	17.5	2147	5472.005	1.333792	49.59155
1293	648.5	-9999	-9999	13.51744	27.41836	45	40.939	0.094719	4.111323	17.5	2147	5513.348	1.336314	49.79802
1294	649.5	-9999	-9999	13.57359	27.45283	45	15.585	0.073096	4.112837	17.5	966	3213.225	1.196007	44.62547
1295	650.5	-9999	-9999	13.5231	27.85962	45	63.657	0.135015	4.113973	17.5	1093	1967.778	1.120034	42.41004
1296	651.5	-9999	-9999	13.53354	27.80446	45	38.133	0.101325	4.114351	17.5	1220	2926.451	1.178514	44.53599
1297	652.5	-9999	-9999	13.57452	27.81825	45	15.216	0.059123	4.11208	17.5	1673	6881.435	1.419768	53.67958
1298	653.5	-9999	-9999	13.63083	27.83204	45	36.027	0.084583	4.111701	17.5	1933	5558.098	1.339044	50.65263
1299	654.5	-9999	-9999	13.58016	27.83894	45	33.846	0.089346	4.11208	17.5	2192	5966.261	1.363942	51.60723
1300	655.5	-9999	-9999	13.60592	27.81136	45	32.637	0.092744	4.112837	17.5	2452	6428.241	1.392123	52.62133
1301	656.5	-9999	-9999	13.69297	27.84583	45	47.414	0.114703	4.108673	17.5	2484	5270.788	1.321518	50.01444
1302	657.5	-9999	-9999	13.62685	27.88031	45	39.664	0.107893	4.107538	17.5	2516	5677.213	1.34631	51.01579
1303	658.5	-9999	-9999	13.7447	27.86652	45	40.335	0.106326	4.108295	17.5	2654	6075.773	1.370622	51.91137
1304	659.5	-9999	-9999	13.61708	27.88031	45	41.821	0.106694	4.107538	17.5	2792	6370.808	1.388619	52.61902
1305	660.5	-9999	-9999	13.62752	27.90099	45	36.047	0.100627	4.107538	17.5	2258	5462.973	1.333241	50.55807
1306	661.5	-9999	-9999	13.71484	27.92168	45	43.801	0.10825	4.106402	17.5	2603	5855.755	1.357201	51.5048
1307	662.5	-9999	-9999	13.70996	27.8872	45	35.97	0.099392	4.107916	17.5	2948	7220.292	1.440438	54.59608
1308	663.5	-9999	-9999	13.65885	27.8941	45	39.309	0.096491	4.10678	17.5	3306	8342.886	1.508916	57.20571
1309	664.5	-9999	-9999	13.68471	27.85273	45	27.158	0.078572	4.10678	17.5	3664	11355.02	1.692656	64.07646
1310	665.5	-9999	-9999	13.67974	27.84583	45	31.5	0.083876	4.108295	17.5	3678	10673.69	1.651095	62.48767
1311	666.5	-9999	-9999	13.67475	27.82515	45	38.396	0.098335	4.109809	17.5	3692	9135.459	1.557263	58.89271
1312	667.5	-9999	-9999	13.68518	27.8872	45	39.493	0.101534	4.106402	17.5	3575	8574.351	1.523035	57.72673
1313	668.5	-9999	-9999	13.74198	27.86652	45	35.515	0.09613	4.108295	17.5	3458	8755.991	1.534115	58.10357
1314	669.5	-9999	-9999	13.70604	27.85273	45	37.987	0.09939	4.106023	17.5	2916	7145.367	1.435867	54.35558
1315	670.5	-9999	-9999	13.70099	27.8941	45	39.522	0.102198	4.105645	17.5	2948	7025.942	1.428582	54.16012
1316	671.5	-9999	-9999	13.69591	27.8941	45	37.323	0.099244	4.107159	17.5	2979	7308.413	1.445813	54.81337
1317	672.5	-9999	-9999	13.76834	27.8872	45	37.839	0.100774	4.107538	17.5	2857	6902.064	1.421026	53.86032
1318	673.5	-9999	-9999	13.70121	27.8941	45	41.468	0.106484	4.107159	17.5	2735	6253.639	1.381472	52.37408
1319	674.5	-9999	-9999	13.71161	27.90789	45	39.475	0.104082	4.105266	17.5	2729	6386.824	1.389596	52.70813
1320	675.5	-9999	-9999	13.75308	27.86652	45	38.334	0.102811	4.107159	17.5	2723	6448.6	1.393365	52.77272
1321	676.5	-9999	-9999	13.74795	27.8941	45	41.988	0.108021	4.106402	17.5	3411	7689.746	1.469074	55.69525
1322	677.5	-9999	-9999	13.75836	27.90789	45	40.411	0.106261	4.10678	17.5	4100	9395.271	1.573112	59.66896
1323	678.5	-9999	-9999	13.73761	27.90099	45	39.045	0.092332	4.104888	17.5	3150	8311.096	1.506977	57.14632
1324	679.5	-9999	-9999	13.77917	28.11473	45	14.275	0.066055	4.115487	17.5	2200	8092.772	1.493659	57.0752
1325	680.5	-9999	-9999	13.80518	28.43878	45	54.71	0.115277	4.118894	17.5	1512	3184.42	1.19425	46.16025
1326	681.5	-9999	-9999	13.79999	28.40431	45	30.152	0.093824	4.120029	17.5	1575	4074.425	1.24854	48.20018
1327	682.5	-9999	-9999	13.81039	28.45257	45	38.956	0.099728	4.117001	17.5	2411	5872.19	1.358204	52.52287
1328	683.5	-9999	-9999	13.7739	28.45257	45	41.781	0.107885	4.116623	17.5	2389	5379.141	1.328128	51.3598
1329	684.5	-9999	-9999	13.81556	28.46636	45	40.307	0.105014	4.115865	17.5	2255	5217.221	1.31825	51.00256
1330	685.5	-9999	-9999	13.88859	28.43878	45	36.82	0.102702	4.11738	17.5	537	1269.917	1.077465	41.64628
1331	686.5	-9999	-9999	13.86769	28.48705	45	46.962	0.118702	4.116623	17.5	948	1940.027	1.118342	43.29961
1332	687.5	-9999	-9999	13.9722	28.49394	45	46.423	0.121986	4.115108	17.5	1359	2707.249	1.165142	45.12253
1333	688.5	-9999	-9999	13.84145	28.45947	45	45.936	0.119503	4.115865	17.5	2240	4554.147	1.277803	49.42568
1334	689.5	-9999	-9999	13.86754	28.48705	45	42.753	0.113919	4.113594	17.5	3120	6657.914	1.406133	54.44221
1335	690.5	-9999	-9999	13.95652	28.43189	45	43.218	0.11316	4.116244	17.5	3856	8278.313	1.504977	58.15641
1336	691.5	-9999	-9999	13.95124	28.4112	45	42.809	0.112198	4.115865	17.5	4591	9941.682	1.606443	62.03216
1337	692.5	-9999	-9999	13.96169	28.4112	45	41.783	0.114578	4.119272	17.5	4367	9252.576	1.564407	60.40897
1338	693.5	-9999	-9999	14.06664	28.44568	45	51.73	0.127709	4.117001	17.5	4143	7879.781	1.480667	57.24474
1339	694.5	-9999	-9999	13.93528	28.39741	45	42.956	0.114477	4.119651	17.5	3505	7432.065	1.453356	56.09354
1340	695.5	-9999	-9999	13.96146	28.30089	45	37.887	0.101063	4.121544	17.5	2866	6880.546	1.419713	54.60881
1341	696.5	-9999	-9999	13.95609	28.24573	45	36.303	0.095649	4.122679	17.5	3031	7686.45	1.468873	56.38963
1342	697.5	-9999	-9999	13.9823	28.24573	45	35.343	0.093442	4.121922	17.5	3197	8300.457	1.506328	57.82749
1343	698.5	-9999	-9999	13.9611	28.22504	45	35.726	0.093387	4.123058	17.5	3926	10196.34	1.621977	62.22163
1344	699.5	-9999	-9999	14.08225	28.21126	45	35.029	0.092076	4.12495	17.5	4654	12253.47	1.747462	67.00267
1345	700.5	-9999	-9999	13.99772	28.19057	45	34.441	0.094737	4.126465	17.5	4610	11792.43	1.719338	65.87601
1346	701.5	-9999	-9999	14.03982	28.22504	45	43.566	0.103215	4.125329	17.5	4565	10721.15	1.65399	63.4497
1347	702.5	-9999	-9999	14.12954	28.17678	45	27.015	0.080493	4.124193	17.5	6312	19013.72	2.159837	82.71312
1348	703.5	-9999	-9999	14.09242	28.19057	45	32.204	0.084464	4.124572	17.5	5535	15887.9	1.969162	75.44794
1349	704.5	-9999	-9999	14.02347	28.21815	45	37.067	0.097277	4.123815	17.5	4758	11860.88	1.723514	66.10059
1350	705.5	-9999	-9999	14.11333	28.24573	45	41.687	0.108007	4.121922	17.5	5124	11509.57	1.702084	65.34251
1351	706.5	-9999	-9999	14.04426	28.23194	45	42.849	0.103768	4.122301	17.5	5321	12439.13	1.758787	67.48637
1352	707.5	-9999	-9999	14.05466	24.68803	45	23.901	0.065594	3.620357	17.5	4950	20844.38	2.271507	76.21889
1353	708.5	-9999	-9999	14.11284	5.968768	45	11.35	0.050744	0.839223	17.5	3850	90406.65	6.514806	52.85039
1354	709.5	-9999	-9999	14.09139	28.32157	45	46.587	0.108473	4.09656	17.5	3840	8641.53	1.527133	58.78362
1355	710.5	-9999	-9999	14.08584	28.43189	45	50.031	0.125974	4.102238	17.5	4278	8278.252	1.504973	58.15627
1356	711.5	-9999	-9999	14.08027	28.5491	45	40.987	0.113185	4.112459	17.5	4871	10464.74	1.638349	63.57127
1357	712.5	-9999	-9999	14.15456	28.50084	45	44.511	0.116865	4.116623	17.5	5463	11355.47	1.692684	65.56854
1358	713.5	-9999	-9999	14.149	28.49394	45	47.864	0.125025	4.116244	17.5	5231	10164.5	1.620034	62.73917
1359	714.5	-9999	-9999	14.15942	28.53531	45	49.564	0.127948	4.116244	17.5	864	1640.511	1.100071	42.66438
1360	715.5	-9999	-9999	14.20186	28.57668	45	46.086	0.121534	4.113594	17.5	4497	8995.044	1.548698	60.15066
1361	716.5	-9999	-9999	14.2764	28.62494	45	43.65	0.115859	4.112459	17.5	8129	17061.07	2.040725	79.39464
1362	717.5	-9999	-9999	14.15861	28.56978	45	43.911	0.115004	4.113594	17.5	6981	14756.48	1.900145	73.7829
1363	718.5	-9999	-9999	14.23319	28.56289	45	43.351	0.113492	4.114351	17.5	5832	12489.69	1.761871	68.3972
1364	719.5	-9999	-9999	14.27575	28.57668	45	41.876	0.110788	4.11473	17.5	6004	13170.59	1.803406	70.04341

1365	720.5	-9999	-9999	14.36657	28.61115	45	42.162	0.110027	4.112837	17.5	6175	13645.72	1.832389	71.25496
1366	721.5	-9999	-9999	14.21627	28.61115	45	40.754	0.110922	4.113216	17.5	6041	13240.62	1.807678	70.29402
1367	722.5	-9999	-9999	14.33934	28.63184	45	48.145	0.12182	4.110944	17.5	5908	11797.23	1.719631	66.91855
1368	723.5	-9999	-9999	14.25319	28.64563	45	44.877	0.118464	4.110187	17.5	7191	14768.64	1.900887	74.00766
1369	724.5	-9999	-9999	14.32808	28.63873	45	42.894	0.113053	4.111323	17.5	8474	18231.53	2.112123	82.21196
1370	725.5	-9999	-9999	14.41919	28.6732	45	41.737	0.109992	4.10943	17.5	9757	21586.1	2.316752	90.28545
1371	726.5	-9999	-9999	14.3813	28.62494	45	41.356	0.110353	4.10943	17.5	7276	16044.51	1.978715	76.98213
1372	727.5	-9999	-9999	14.44024	28.64563	45	44.862	0.113434	4.110187	17.5	4795	10284.48	1.627353	63.3581
1373	728.5	-9999	-9999	14.35378	28.65252	45	38.256	0.107489	4.110566	17.5	3899	8824.412	1.538289	59.90497
1374	729.5	-9999	-9999	14.34806	28.68699	45	47.597	0.120232	4.110566	17.5	3003	6076.228	1.37065	53.44088
1375	730.5	-9999	-9999	14.34232	28.72147	45	45.94	0.120427	4.106402	17.5	3097	6262.631	1.382021	53.94897
1376	731.5	-9999	-9999	14.35275	28.72836	45	43.672	0.112249	4.110566	17.5	3192	6917.966	1.421996	55.52279
1377	732.5	-9999	-9999	14.34697	28.6732	45	35.725	0.098664	4.109809	17.5	3353	8269.025	1.50441	58.62794
1378	733.5	-9999	-9999	14.35738	28.65941	45	38.755	0.101508	4.11208	17.5	3514	8418.588	1.513534	58.95512
1379	734.5	-9999	-9999	14.41651	28.72836	45	41.078	0.100456	4.110187	17.5	5040	12206.56	1.7446	68.11908
1380	735.5	-9999	-9999	14.45946	28.63873	45	26.353	0.067143	4.11208	17.5	6567	23785.13	2.450893	95.3982
1381	736.5	-9999	-9999	14.48619	28.46636	45	6.85	0.036691	4.113216	17.5	3134	20766.35	2.266747	87.6995
1382	737.5	-9999	-9999	14.38279	28.52152	45	30.041	0.068421	4.087096	17.5	3535	12641.11	1.771107	68.65618
1383	738.5	-9999	-9999	14.44204	28.58357	45	29.245	0.079777	4.084068	17.5	3937	12083.53	1.737096	67.48422
1384	739.5	-9999	-9999	14.4036	28.8042	45	35.173	0.090266	4.078011	17.5	3443	9353.258	1.570549	61.48502
1385	740.5	-9999	-9999	14.41401	28.70768	45	36.212	0.093074	4.079147	17.5	4789	12613.79	1.769441	69.03927
1386	741.5	-9999	-9999	14.42442	28.63873	45	32.541	0.090548	4.079526	17.5	6136	16610.99	2.01327	78.36423
1387	742.5	-9999	-9999	14.43483	28.84557	45	40.417	0.097661	4.072333	17.5	6690	16821.37	2.026104	79.43335
1388	743.5	-9999	-9999	14.42889	28.6801	45	28.828	0.083309	4.074983	17.5	7244	21338.34	2.301639	89.71806
1389	744.5	-9999	-9999	14.43929	28.70768	45	34.531	0.084515	4.076876	17.5	5595	16238.26	1.990534	77.66576
1390	745.5	-9999	-9999	14.43332	28.70078	45	26.062	0.07152	4.078011	17.5	6613	22673.63	2.383092	92.96008
1391	746.5	-9999	-9999	14.42733	28.62494	45	24.558	0.06844	4.079147	17.5	4901	17555.11	2.070862	80.56711
1392	747.5	-9999	-9999	14.4377	28.75594	45	32.009	0.076846	4.074983	17.5	6275	20038.55	2.222352	86.85652
1393	748.5	-9999	-9999	14.43167	28.69389	45	22.906	0.059118	4.07574	17.5	6520	27059.58	2.650635	103.3716
1394	749.5	-9999	-9999	14.6882	28.52841	45	11.38	0.04417	4.082175	17.5	4850	26898.13	2.640786	102.3936
1395	750.5	-9999	-9999	14.69874	28.52841	45	32.449	0.07641	4.082554	17.5	5797	18583.25	2.133578	82.72717
1396	751.5	-9999	-9999	14.70928	28.5491	45	33.328	0.089283	4.08104	17.5	5341	14658.23	1.894152	73.49695
1397	752.5	-9999	-9999	14.67047	28.57668	45	38.143	0.097295	4.08104	17.5	5532	13932.18	1.849863	71.84777
1398	753.5	-9999	-9999	14.6316	28.61805	45	36.302	0.095772	4.079904	17.5	5723	14646.6	1.893443	73.64685
1399	754.5	-9999	-9999	14.72442	28.61115	45	35.371	0.094104	4.079904	17.5	5367	13978.95	1.852716	72.04539
1400	755.5	-9999	-9999	14.71846	28.63184	45	37.127	0.096557	4.079526	17.5	5011	12721.26	1.775997	69.112
1401	756.5	-9999	-9999	14.79495	28.61805	45	36.637	0.099932	4.08104	17.5	5245	12860.88	1.784514	69.40999
1402	757.5	-9999	-9999	14.72298	28.6801	45	44.548	0.100786	4.079904	17.5	5479	13324.49	1.812794	70.66285
1403	758.5	-9999	-9999	14.93169	28.5422	45	15.345	0.064985	4.083311	17.5	5873	22132.83	2.350103	91.16674
1404	759.5	-9999	-9999	14.94233	28.58357	45	42.483	0.098446	4.082554	17.5	5623	13990.64	1.853429	72.00364
1405	760.5	-9999	-9999	14.87027	28.62494	45	39.553	0.104008	4.079904	17.5	5588	13168.66	1.803289	70.15714
1406	761.5	-9999	-9999	14.93051	28.58357	45	36.836	0.100463	4.082554	17.5	5554	13541.6	1.826037	70.93951
1407	762.5	-9999	-9999	14.99082	28.61115	45	42.538	0.09684	4.082175	17.5	5132	12982.01	1.791903	69.68059
1408	763.5	-9999	-9999	14.85229	28.52152	45	14.173	0.056377	4.084447	17.5	5455	23689.71	2.445072	94.78212
1409	764.5	-9999	-9999	15.09507	28.51462	45	29.523	0.068125	4.084068	17.5	5083	18269.36	2.114431	81.94514
1410	765.5	-9999	-9999	15.10579	28.56978	45	23.317	0.080476	4.080283	17.5	2365	7202.317	1.439341	55.88983
1411	766.5	-9999	-9999	15.08328	28.8042	45	61	0.131445	4.067412	17.5	2320	4339.351	1.2647	49.51144
1412	767.5	-9999	-9999	15.14384	28.78352	45	32.876	0.101238	4.070441	17.5	2330	5654.173	1.344905	52.61353
1413	768.5	-9999	-9999	15.20447	28.72836	45	38.703	0.093132	4.071576	17.5	2230	5880.912	1.358736	53.05275
1414	769.5	-9999	-9999	15.18193	28.71457	45	25.005	0.075078	4.071198	17.5	2816	9212.938	1.561989	60.95964
1415	770.5	-9999	-9999	15.19267	28.65941	45	32.739	0.084786	4.071955	17.5	2734	7918.985	1.483058	57.76802
1416	771.5	-9999	-9999	15.17007	28.70768	45	37.673	0.097693	4.070819	17.5	2651	6665.957	1.406623	54.88301
1417	772.5	-9999	-9999	15.23083	28.74905	45	39.68	0.10232	4.067034	17.5	3051	7331.72	1.447235	56.54895
1418	773.5	-9999	-9999	15.27496	28.75594	45	37.283	0.098476	4.068926	17.5	2479	6186.808	1.377395	53.83296
1419	774.5	-9999	-9999	15.20221	28.72836	45	36.086	0.09493	4.069684	17.5	2415	6251.076	1.381316	53.9344
1420	775.5	-9999	-9999	15.31322	28.74905	45	35.172	0.095143	4.070062	17.5	2437	6293.269	1.383889	54.0738
1421	776.5	-9999	-9999	15.19017	28.79731	45	40.513	0.10938	4.067412	17.5	2458	5524.908	1.337019	52.33011
1422	777.5	-9999	-9999	15.33479	28.63873	45	52.577	0.130125	4.055299	17.5	2498	4733.8	1.288762	50.16357
1423	778.5	-9999	-9999	15.36233	28.52841	45	46.356	0.120064	4.036372	17.5	2424	5001.819	1.305111	50.60426
1424	779.5	-9999	-9999	15.49048	28.50773	45	36.2	0.102847	4.043564	17.5	2351	5653.245	1.344848	52.10721
1425	780.5	-9999	-9999	15.4678	28.53531	45	43.724	0.108242	4.041293	17.5	2726	6231.762	1.380137	53.52627
1426	781.5	-9999	-9999	15.61296	28.46636	45	36.105	0.09672	4.043186	17.5	2482	6346.898	1.387161	53.66867
1427	782.5	-9999	-9999	15.48951	28.48705	45	32.744	0.089826	4.046214	17.5	2571	7073.754	1.431499	55.42434
1428	783.5	-9999	-9999	15.51718	28.50773	45	38.063	0.097247	4.045457	17.5	2494	6339.449	1.386706	53.72905
1429	784.5	-9999	-9999	15.7804	28.52152	45	37.096	0.098144	4.043943	17.5	2418	6092.414	1.371637	53.1709
1430	785.5	-9999	-9999	15.80827	28.17678	45	37.692	0.092928	4.051514	17.5	2369	6292.173	1.383823	52.99487
1431	786.5	-9999	-9999	15.80248	27.57004	45	24.364	0.068447	4.097696	17.5	1964	7002.424	1.427148	53.47717
1432	787.5	-9999	-9999	15.84724	27.43215	45	21.17	0.059846	4.107538	17.5	2005	8156.415	1.497541	55.83425
1433	788.5	-9999	-9999	15.95953	27.41836	45	27.631	0.084656	4.102995	17.5	2193	6313.617	1.385131	51.61717
1434	789.5	-9999	-9999	15.85249	27.47352	45	61.643	0.13576	4.092774	17.5	1416	2548.426	1.155454	43.14485
1435	790.5	-9999	-9999	15.93112	27.42525	45	35.845	0.103202	4.08369	17.5	1420	3369.352	1.20553	44.93563
1436	791.5	-9999	-9999	15.84079	28.52841	45	30.669	0.086382	4.028801	17.5	1385	3979.725	1.242763	48.1868
1437	792.5	-9999	-9999	16.1225	28.5422	45	38.756	0.096635	4.025394	17.5	1243	3195.433	1.194921	46.35418
1438	793.5	-9999	-9999	15.99829	28.60426	45	35	0.093232	4.025394	17.5	1528	4071.439	1.248358	48.5324
1439	794.5	-9999	-9999	16.07718	28.74905	45	34.167	0.093361	4.020473	17.5	1371	3652.549	1.222805	47.77964
1440	795.5	-9999	-9999	16.12226	28.77663	45	41.548	0.099751	4.019716	17.5	1459	3638.654	1.221958	47.79232
1441	796.5	-9999	-9999	15.89595	28.79731	45	27.452	0.077659	4.011767	17.5	1327	4259.366	1.259821	49.30863
1442	797.5	-9999	-9999	16.12767	17.28996	45	26	0.068068	2.977974	17.5	807	3981.181	1.242852	29.20623
1443	798.5	-9999	-9999	16.17283	28.98347	45	24	0.063053	4.037886	17.5	986	3872.718	1.236236	48.69829
1444	799.5	-9999	-9999	16.25204	28.52841	45	22	0.056485	4.006846	17.5	925	4087.003	1.249307	48.44053

1445	800.5	-9999	-9999	16.24628	28.46636	45	17	0.04515	4.023502	17.5	864	4756.062	1.29012	49.91419
1446	801.5	-9999	-9999	16.34265	28.61115	45	13.114	0.037423	4.020095	17.5	1039	6906.237	1.42128	55.26843
1447	802.5	-9999	-9999	16.03028	28.9421	45	16.01	0.045157	4.020095	17.5	2048	11281.65	1.688181	66.40656
1448	803.5	-9999	-9999	16.19478	28.95589	45	25.974	0.070663	4.020095	17.5	2607	9177.265	1.559813	61.38631
1449	804.5	-9999	-9999	16.24008	29.06621	45	41.473	0.101089	4.020095	17.5	3398	8361.471	1.51005	59.65428
1450	805.5	-9999	-9999	16.16593	29.40405	45	39	0.094511	4.020095	17.5	3238	8522.366	1.519864	60.73989
1451	806.5	-9999	-9999	16.33083	29.14894	45	18.369	0.060642	4.020095	17.5	4207	17256.82	2.052666	81.32109
1452	807.5	-9999	-9999	16.35917	29.07999	45	26.018	0.062179	4.020095	17.5	4367	17470.48	2.0657	81.64386
1453	808.5	-9999	-9999	16.37044	29.03173	45	19.562	0.055292	4.020095	17.5	4220	18985.01	2.158086	85.15373
1454	809.5	-9999	-9999	16.22765	29.19031	45	22.01	0.053981	4.020095	17.5	3476	16017.93	1.977094	78.43828
1455	810.5	-9999	-9999	16.32446	29.01794	45	15.678	0.051398	4.020095	17.5	2757	13342.92	1.813918	71.53957
1456	811.5	-9999	-9999	16.35282	29.15584	45	32.661	0.073654	4.039779	17.5	2982	10021.99	1.611341	63.85208
1457	812.5	-9999	-9999	16.27828	29.16963	45	21.888	0.059299	4.038265	17.5	3529	14736.94	1.898953	75.28477
1458	813.5	-9999	-9999	16.32379	29.0731	45	15.214	0.04373	4.041293	17.5	3682	20834.75	2.27092	89.73362
1459	814.5	-9999	-9999	16.28345	29.01794	45	17.125	0.044923	4.045078	17.5	2624	14439.97	1.880838	74.17884
1460	815.5	-9999	-9999	16.41493	29.03173	45	18.881	0.05002	4.0447	17.5	2464	12178.87	1.742911	68.77177
1461	816.5	-9999	-9999	16.27137	29.10068	45	21.587	0.056636	4.043186	17.5	2930	12795.28	1.780512	70.42229
1462	817.5	-9999	-9999	16.43742	29.14205	45	24.116	0.065794	4.040536	17.5	2891	10874.8	1.663363	65.88235
1463	818.5	-9999	-9999	16.20753	29.14205	45	32.209	0.079779	4.040915	17.5	3088	9578.714	1.584302	62.7509
1464	819.5	-9999	-9999	16.21861	29.15584	45	29.247	0.075486	4.040915	17.5	3180	10425.06	1.635928	64.82639
1465	820.5	-9999	-9999	16.21244	29.01794	45	23.198	0.072618	4.043564	17.5	3974	13533.7	1.825556	71.99856
1466	821.5	-9999	-9999	16.18899	28.9352	45	43.806	0.100391	4.045078	17.5	4220	10391.83	1.633902	64.25612
1467	822.5	-9999	-9999	16.45909	28.98347	45	30.849	0.087534	4.043564	17.5	3640	10284.01	1.627325	64.10421
1468	823.5	-9999	-9999	16.29748	29.12136	45	32.706	0.097058	4.038643	17.5	3575	9120.334	1.55634	61.59966
1469	824.5	-9999	-9999	16.44694	29.10757	45	59.986	0.136021	4.041293	17.5	2023	3680.172	1.224491	48.44216
1470	825.5	-9999	-9999	16.47544	29.07999	45	37.994	0.111646	4.040157	17.5	3587	7952.238	1.485087	58.69595
1471	826.5	-9999	-9999	16.53861	29.10757	45	43.014	0.110408	4.038643	17.5	3729	8362.868	1.510135	59.74256
1472	827.5	-9999	-9999	16.23791	29.11447	45	42.099	0.113071	4.038265	17.5	3973	8701.036	1.530763	60.57298
1473	828.5	-9999	-9999	16.35299	29.11447	45	46.821	0.119223	4.037129	17.5	4217	8761.345	1.534442	60.71855
1474	829.5	-9999	-9999	16.45086	29.15584	45	42.897	0.116166	4.035615	17.5	4218	8997.43	1.548843	61.3755
1475	830.5	-9999	-9999	16.42729	29.14205	45	46.889	0.119724	4.037129	17.5	4219	8728.858	1.53246	60.69758
1476	831.5	-9999	-9999	16.45581	29.15584	45	42.97	0.112324	4.036751	17.5	4764	10506.77	1.640913	65.02391
1477	832.5	-9999	-9999	16.43218	29.17652	45	37.754	0.101744	4.034479	17.5	5309	12933.49	1.788943	70.94014
1478	833.5	-9999	-9999	16.3911	29.15584	45	38.376	0.102334	4.033722	17.5	4875	11809.97	1.720408	68.17404
1479	834.5	-9999	-9999	16.48925	29.15584	45	42.451	0.109637	4.033344	17.5	4442	10045.13	1.612753	63.90802
1480	835.5	-9999	-9999	16.39586	29.16963	45	42.208	0.110968	4.032587	17.5	5072	11334.35	1.691395	67.05606
1481	836.5	-9999	-9999	16.35463	29.16963	45	42.145	0.109067	4.032965	17.5	5702	12963.16	1.790753	70.99512
1482	837.5	-9999	-9999	16.40057	29.14205	45	38.297	0.102281	4.032587	17.5	5780	14013.64	1.854832	73.46606
1483	838.5	-9999	-9999	16.37672	29.16273	45	38.254	0.10445	4.032587	17.5	5858	13907.79	1.848375	73.26228
1484	839.5	-9999	-9999	16.38776	29.18342	45	47.228	0.11816	4.032587	17.5	6204	13020.21	1.794233	71.16672
1485	840.5	-9999	-9999	16.62608	29.17652	45	42.686	0.112477	4.03183	17.5	6549	14441.37	1.880923	74.5876
1486	841.5	-9999	-9999	16.58479	29.15584	45	38.902	0.099374	4.032587	17.5	5944	14832.77	1.904799	75.48085
1487	842.5	-9999	-9999	16.61346	29.21789	45	28.655	0.084806	4.032208	17.5	5340	15616.14	1.952584	77.53909
1488	843.5	-9999	-9999	16.55456	29.17652	45	40.156	0.099616	4.032587	17.5	3227	8033.181	1.490024	59.08658
1489	844.5	-9999	-9999	16.60074	29.17652	45	38.222	0.100633	4.03183	17.5	4598	11332.48	1.691282	67.0674
1490	845.5	-9999	-9999	16.71714	29.19721	45	36.781	0.096539	4.033722	17.5	4311	11070.58	1.675305	66.48096
1491	846.5	-9999	-9999	16.69325	29.21789	45	35.128	0.096416	4.030315	17.5	4025	10358.07	1.631842	64.8021
1492	847.5	-9999	-9999	16.68688	29.23168	45	42.9	0.109895	4.031451	17.5	4632	10455.16	1.637765	65.06797
1493	848.5	-9999	-9999	16.66292	29.27305	45	44.248	0.11034	4.028801	17.5	5240	11787.52	1.719039	68.39364
1494	849.5	-9999	-9999	16.53337	29.26615	45	32.101	0.093059	4.028801	17.5	5313	14171.23	1.864445	74.16128
1495	850.5	-9999	-9999	16.59723	29.30752	45	39.874	0.102271	4.028423	17.5	5386	13073.12	1.79746	71.59792
1496	851.5	-9999	-9999	16.52027	29.342	45	41.968	0.104977	4.027287	17.5	4325	10230.05	1.624033	64.76592
1497	852.5	-9999	-9999	16.51369	29.34889	45	32	0.092814	4.028801	17.5	2884	7712.669	1.470473	58.65577
1498	853.5	-9999	-9999	16.64818	29.40405	45	42	0.104213	4.025394	17.5	2763	6586.445	1.401773	56.02049
1499	854.5	-9999	-9999	16.51811	29.43163	45	38	0.103586	4.032587	17.5	1891	4526.968	1.276145	51.04772
1500	855.5	-9999	-9999	16.63508	29.50747	45	42.568	0.098241	4.032208	17.5	1154	2913.205	1.177706	47.23139
1501	856.5	-9999	-9999	16.69919	27.60452	45	16.089	0.059612	3.873978	17.5	1058	4581.334	1.279461	48.00311
1502	857.5	-9999	-9999	16.728	30.18316	45	29.218	0.065337	4.079526	17.5	1241	4655.917	1.284011	52.67389
1503	858.5	-9999	-9999	16.65066	30.19695	45	16.254	0.047719	4.080283	17.5	1431	7349.574	1.448324	59.44164
1504	859.5	-9999	-9999	16.89192	30.17626	45	14.745	0.046873	4.079147	17.5	1683	8802.129	1.53693	63.03497
1505	860.5	-9999	-9999	16.6551	30.2521	45	31.815	0.076813	4.075362	17.5	1639	5235.726	1.319379	54.24844
1506	861.5	-9999	-9999	16.75481	30.32795	45	33.42	0.080992	4.071955	17.5	1635	4957.626	1.302415	53.68519
1507	862.5	-9999	-9999	16.76594	30.28658	45	19.473	0.060331	4.073847	17.5	2066	8405.925	1.512761	62.27055
1508	863.5	-9999	-9999	16.81257	30.16937	45	26.471	0.065765	4.06022	17.5	2566	9609.769	1.586196	65.04068
1509	864.5	-9999	-9999	16.87702	30.04526	45	24.836	0.064848	4.064763	17.5	3065	11627.75	1.709293	69.79986
1510	865.5	-9999	-9999	16.76376	30.08663	45	22.285	0.058454	4.056813	17.5	2742	11562.89	1.705336	69.73417
1511	866.5	-9999	-9999	16.7215	30.06595	45	19.521	0.048048	4.063248	17.5	2314	11852.56	1.723006	70.40829
1512	867.5	-9999	-9999	16.80377	29.94873	45	9.363	0.031428	4.067412	17.5	1103	8628.587	1.526344	62.12879
1513	868.5	-9999	-9999	16.90394	29.866	45	14.802	0.037351	4.067412	17.5	1719	11314.99	1.690214	68.60895
1514	869.5	-9999	-9999	16.87947	29.81773	45	16.731	0.040382	4.059084	17.5	700	4270.574	1.260505	51.08357
1515	870.5	-9999	-9999	16.89061	29.78326	45	10.497	0.034653	4.059084	17.5	981	6974.297	1.425432	57.70066
1516	871.5	-9999	-9999	16.93746	29.76258	45	20.421	0.051104	4.057949	17.5	1748	8429.05	1.514172	61.25024
1517	872.5	-9999	-9999	16.96649	30.00389	45	24.53	0.064376	4.048864	17.5	1298	4979.901	1.303774	53.16697
1518	873.5	-9999	-9999	16.81683	30.03837	45	28.479	0.073687	4.048485	17.5	2070	6938.816	1.423268	58.10653
1519	874.5	-9999	-9999	16.75638	30.128	45	29.84	0.075261	4.045078	17.5	2042	6707.513	1.409158	57.70216
1520	875.5	-9999	-9999	16.74952	30.09352	45	24.04	0.067058	4.046593	17.5	558	2056.325	1.125436	46.03157
1521	876.5	-9999	-9999	16.99332	29.997	45	27.147	0.077005	4.048107	17.5	438	1405.079	1.08571	44.2643
1522	877.5	-9999	-9999	17.04033	29.74879	45	43.236	0.106426	4.055678	17.5	781	1809.417	1.110374	44.89529
1523	878.5	-9999	-9999	17.08739	29.81773	45	42.964	0.113123	4.051892	17.5	491	1071.209	1.065344	43.17441
1524	879.5	-9999	-9999	17.09861	29.74879	45	43.256	0.105786	4.054163	17.5	683	1592.541	1.097145	44.36039

1525	880.5	-9999	-9999	17.09187	29.7281	45	25.605	0.075971	4.056056	17.5	876	2842.849	1.173414	47.41114
1526	881.5	-9999	-9999	17.10308	29.74189	45	27.825	0.072237	4.020473	17.5	451	1552.885	1.094726	44.25232
1527	882.5	-9999	-9999	17.29406	29.77637	45	28.069	0.079704	4.001546	17.5	387	1213.39	1.074017	43.46551
1528	883.5	-9999	-9999	17.19745	29.74879	45	41.927	0.101305	4.003061	17.5	384	946.9131	1.057762	42.76802
1529	884.5	-9999	-9999	17.22671	29.81084	45	35.581	0.099493	4.003439	17.5	265	665.3064	1.040584	42.16123
1530	885.5	-9999	-9999	17.29201	29.89358	45	42.969	0.109386	4.007982	17.5	345	786.9198	1.048002	42.57965
1531	886.5	-9999	-9999	17.33936	29.93494	45	42.358	0.112485	4.005332	17.5	425	943.3158	1.057542	43.02672
1532	887.5	-9999	-9999	17.4589	29.96252	45	44.49	0.115433	4.003061	17.5	541	1170.781	1.071418	43.63141
1533	888.5	-9999	-9999	17.4342	30.03147	45	43.306	0.113041	4.014417	17.5	511	1126.06	1.06869	43.62046
1534	889.5	-9999	-9999	17.33722	30.07284	45	40.448	0.106982	4.013281	17.5	481	1120.306	1.068339	43.6662
1535	890.5	-9999	-9999	17.49309	30.06595	45	39.225	0.102743	4.015552	17.5	273	661.7064	1.040364	42.51305
1536	891.5	-9999	-9999	17.50449	30.10042	45	37.295	0.100513	4.015552	17.5	579	1434.536	1.087507	44.49042
1537	892.5	-9999	-9999	17.49779	30.07973	45	41.145	0.10451	4.020852	17.5	446	1061.353	1.064743	43.5292
1538	893.5	-9999	-9999	17.36432	30.08663	45	36.803	0.098965	4.017824	17.5	313	787.1759	1.048018	42.85527
1539	894.5	-9999	-9999	17.32125	30.05905	45	37.658	0.100322	4.020095	17.5	509	1262.081	1.076987	43.9995
1540	895.5	-9999	-9999	17.42316	30.03837	45	41.678	0.106491	4.019716	17.5	745	1740.401	1.106164	45.16043
1541	896.5	-9999	-9999	17.32562	29.866	45	38.832	0.097749	4.023502	17.5	772	1962.902	1.119737	45.45222
1542	897.5	-9999	-9999	17.55471	25.59125	45	26.233	0.082175	3.671459	17.5	461	1527.99	1.093207	38.02385
1543	898.5	-9999	-9999	17.29361	30.54168	45	43.907	0.102946	4.032208	17.5	573	1380.396	1.084204	45.00555
1544	899.5	-9999	-9999	17.70472	30.63821	45	33.245	0.090275	4.02653	17.5	1211	3331.543	1.203224	50.10395
1545	900.5	-9999	-9999	17.51611	30.60374	45	29.282	0.084041	4.042807	17.5	1574	4632.678	1.282593	53.3489
1546	901.5	-9999	-9999	17.69125	30.58305	45	41.558	0.104035	4.04205	17.5	1825	4339.934	1.264736	52.57058
1547	902.5	-9999	-9999	17.81197	30.67958	45	42.079	0.106182	4.038643	17.5	2583	6023.325	1.367423	57.0183
1548	903.5	-9999	-9999	17.84171	30.63132	45	32.624	0.093815	4.039779	17.5	1992	5256.061	1.32062	54.98009
1549	904.5	-9999	-9999	17.835	30.61063	45	41.678	0.104175	4.039022	17.5	2149	5107.352	1.311548	54.56557
1550	905.5	-9999	-9999	17.86476	30.67268	45	38.578	0.103874	4.037129	17.5	2306	5498.952	1.335436	55.67201
1551	906.5	-9999	-9999	17.83977	30.6451	45	41.236	0.102525	4.038265	17.5	1646	3975.611	1.242512	51.75161
1552	907.5	-9999	-9999	17.63201	30.61063	45	30.624	0.088593	4.039779	17.5	1626	4543.23	1.277137	53.13391
1553	908.5	-9999	-9999	17.67994	30.56237	45	38.595	0.086642	4.039779	17.5	1248	3565.582	1.2175	50.57294
1554	909.5	-9999	-9999	17.7828	30.58305	45	12.867	0.045775	4.034101	17.5	871	4716.723	1.28772	53.52594
1555	910.5	-9999	-9999	17.90408	30.6451	45	14.478	0.036573	4.025016	17.5	1263	8579.857	1.523371	63.4496
1556	911.5	-9999	-9999	17.87896	30.65889	45	12.745	0.049572	4.023123	17.5	902	4522.789	1.27589	53.16573
1557	912.5	-9999	-9999	17.87212	30.67268	45	47.754	0.102299	4.011388	17.5	2363	5758.372	1.351261	56.33171
1558	913.5	-9999	-9999	17.95697	30.65889	45	29.867	0.08762	4.012903	17.5	2477	7044.706	1.429727	59.57604
1559	914.5	-9999	-9999	18.06026	30.68647	45	32.884	0.089753	4.011767	17.5	582	1616.367	1.098598	45.81925
1560	915.5	-9999	-9999	18.07185	30.70716	45	43.573	0.110423	4.006467	17.5	789	1783.426	1.108789	46.27544
1561	916.5	-9999	-9999	18.08343	30.783	45	45.007	0.110125	4.006467	17.5	934	2116.904	1.129131	47.24081
1562	917.5	-9999	-9999	18.09502	30.76921	45	27.9	0.077266	4.004196	17.5	1046	3380.848	1.206232	50.44396
1563	918.5	-9999	-9999	18.1066	30.68647	45	19.853	0.05414	4.008739	17.5	755	3478.71	1.212201	50.55729
1564	919.5	-9999	-9999	18.11818	30.6451	45	16.333	0.047089	4.010253	17.5	845	4474.726	1.272958	53.01971
1565	920.5	-9999	-9999	18.12977	30.61063	45	22.356	0.056606	4.01101	17.5	674	2968.523	1.18108	49.13756
1566	921.5	-9999	-9999	18.14135	30.62442	45	23.52	0.06146	4.012524	17.5	863	3499.445	1.213466	50.5077
1567	922.5	-9999	-9999	18.15294	30.60374	45	23.926	0.060411	4.011767	17.5	698	2880.092	1.175686	48.90212
1568	923.5	-9999	-9999	18.16452	30.54858	45	18.741	0.049666	4.013281	17.5	597	2995.118	1.182702	49.10531
1569	924.5	-9999	-9999	18.17611	30.47963	45	14.537	0.038363	4.015931	17.5	529	3433.654	1.209453	50.10265
1570	925.5	-9999	-9999	18.18769	30.42447	45	10.724	0.030051	4.017066	17.5	623	5160.767	1.314807	54.36846
1571	926.5	-9999	-9999	18.19928	30.37621	45	11.198	0.03294	4.019338	17.5	492	3716.143	1.226685	50.64407
1572	927.5	-9999	-9999	18.21086	30.41758	45	19.711	0.04386	4.018581	17.5	485	2751.72	1.167855	48.28092
1573	928.5	-9999	-9999	18.22245	30.39689	45	10.124	0.030877	4.018202	17.5	475	3828.51	1.233539	50.96173
1574	929.5	-9999	-9999	18.36374	30.32795	45	10.309	0.028136	4.020852	17.5	465	4110.331	1.25073	51.55475
1575	930.5	-9999	-9999	18.31978	28.70078	45	12.896	0.045087	3.962178	17.5	1250	6997.213	1.42683	55.65805
1576	931.5	-9999	-9999	18.16443	28.88005	45	41.076	0.089324	3.868679	17.5	1277	3695.388	1.225419	48.09993
1577	932.5	-9999	-9999	18.23165	28.90073	45	26.797	0.08176	3.867543	17.5	1305	4126.987	1.251746	49.16852
1578	933.5	-9999	-9999	18.22464	28.90073	45	38.459	0.099857	3.867922	17.5	1456	3769.704	1.229952	48.31245
1579	934.5	-9999	-9999	18.2176	28.96278	45	47.418	0.118116	3.867165	17.5	1608	3520.337	1.214741	47.81739
1580	935.5	-9999	-9999	18.19193	28.92831	45	41.621	0.109534	3.866786	17.5	1975	4663.034	1.284445	50.50108
1581	936.5	-9999	-9999	18.24067	28.88005	45	36.25	0.10142	3.867922	17.5	1504	3833.962	1.233872	48.43172
1582	937.5	-9999	-9999	18.40121	29.01105	45	45	0.115534	3.861865	17.5	1195	2678.321	1.163378	45.87184
1583	938.5	-9999	-9999	18.3942	29.14894	45	47.604	0.113214	3.859215	17.5	1322	3025.741	1.18457	46.92947
1584	939.5	-9999	-9999	18.48041	29.12826	45	23.141	0.077111	3.859972	17.5	1908	6410.296	1.391028	55.06967
1585	940.5	-9999	-9999	18.45476	29.10757	45	35.937	0.089578	3.858458	17.5	1505	4354.353	1.265616	50.06911
1586	941.5	-9999	-9999	18.55976	29.14894	45	37.687	0.093678	3.858458	17.5	1528	4227.378	1.25787	49.83341
1587	942.5	-9999	-9999	18.51541	29.12826	45	27.256	0.080574	3.85808	17.5	1891	6083.101	1.371069	54.27951
1588	943.5	-9999	-9999	18.50839	29.23168	45	37.303	0.092763	3.856187	17.5	2771	7746.427	1.472532	58.50333
1589	944.5	-9999	-9999	18.50133	29.25236	45	35.384	0.090265	3.856187	17.5	2282	6556.021	1.399917	55.65772
1590	945.5	-9999	-9999	18.4381	29.32131	45	27.306	0.074962	3.854294	17.5	2134	7385.951	1.450543	57.80642
1591	946.5	-9999	-9999	18.58081	29.30752	45	26.59	0.077371	3.855051	17.5	1986	6658.373	1.406161	56.01136
1592	947.5	-9999	-9999	18.49878	29.342	45	43.034	0.097525	3.853159	17.5	2197	5846.499	1.356636	54.10223
1593	948.5	-9999	-9999	18.58542	29.37647	45	24.001	0.071969	3.853537	17.5	2408	8682.573	1.529637	61.07311
1594	949.5	-9999	-9999	18.44695	29.32131	45	25.325	0.067571	3.854294	17.5	2626	10083.04	1.615066	64.3629
1595	950.5	-9999	-9999	18.51486	29.35579	45	29.016	0.070318	3.855808	17.5	2417	8914.415	1.543779	61.59436
1596	951.5	-9999	-9999	18.80831	29.32131	45	19.203	0.057644	3.855808	17.5	2516	11319.83	1.690509	67.36945
1597	952.5	-9999	-9999	18.53808	29.29373	45	25.819	0.068547	3.856566	17.5	3902	14760.37	1.900383	75.66201
1598	953.5	-9999	-9999	18.81307	29.23168	45	34.068	0.081879	3.858837	17.5	3826	12109.16	1.738659	69.07648
1599	954.5	-9999	-9999	18.80602	29.211	45	24.904	0.069111	3.859215	17.5	3750	14060.06	1.857664	73.75229
1600	955.5	-9999	-9999	18.79894	29.17652	45	24.15	0.06282	3.862622	17.5	3920	16154.9	1.985449	78.73255
1601	956.5	-9999	-9999	18.52796	29.21789	45	21.964	0.058832	3.861487	17.5	5840	25706.75	2.568112	101.9823
1602	957.5	-9999	-9999	18.59612	29.25236	45	22.353	0.053759	3.860729	17.5	4991	24047.16	2.466877	98.07775
1603	958.5	-9999	-9999	18.56998	29.16273	45	11.399	0.034769	3.863758	17.5	3482	25919.17	2.58107	102.3034
1604	959.5	-9999	-9999	18.50603	29.10757	45	11.457	0.033687	3.880035	17.5	3110	23794.01	2.451435	96.98138

1605	960.5	-9999	-9999	18.47978	29.12136	45	19.706	0.044823	3.868679	17.5	3143	18124.97	2.105623	83.34017
1606	961.5	-9999	-9999	18.62364	29.09378	45	12.086	0.034551	3.860729	17.5	1846	13838.75	1.844164	72.92253
1607	962.5	-9999	-9999	18.67308	29.04552	45	10.858	0.033833	3.867543	17.5	1238	9461.094	1.577127	62.25981
1608	963.5	-9999	-9999	18.66577	28.99726	45	21.75	0.051869	3.870572	17.5	1341	6679.57	1.407454	55.46935
1609	964.5	-9999	-9999	18.75314	29.05242	45	20.599	0.061711	3.870572	17.5	1632	6832.582	1.416788	55.94342
1610	965.5	-9999	-9999	18.72689	29.05931	45	36.788	0.089987	3.867165	17.5	1637	4704.1	1.28695	50.82871
1611	966.5	-9999	-9999	18.79542	29.04552	45	37.76	0.092083	3.866786	17.5	1643	4614.343	1.281475	50.58845
1612	967.5	-9999	-9999	18.78811	28.90763	45	22.469	0.06557	3.840288	17.5	1315	5222.271	1.318559	51.80526
1613	968.5	-9999	-9999	18.87572	28.94899	45	22.111	0.05382	3.838396	17.5	1456	7048.057	1.429931	56.26143
1614	969.5	-9999	-9999	19.00143	28.92142	45	12	0.036873	3.838017	17.5	1396	9864.394	1.601728	62.96082
1615	970.5	-9999	-9999	18.5759	28.83868	45	14.099	0.033889	3.838774	17.5	1598	12283.48	1.749292	68.56456
1616	971.5	-9999	-9999	18.8918	29.04552	45	9	0.027539	3.845966	17.5	1394	13161.45	1.802848	71.17056
1617	972.5	-9999	-9999	18.9035	29.17652	45	12.795	0.036124	3.876628	17.5	1289	9204.504	1.561475	61.91994
1618	973.5	-9999	-9999	18.85804	29.23168	45	22.32	0.050136	3.874735	17.5	1283	6604.42	1.40287	55.73566
1619	974.5	-9999	-9999	18.88876	29.19031	45	12.425	0.035629	3.875871	17.5	1445	10464.07	1.638308	64.99745
1620	975.5	-9999	-9999	18.82413	29.14894	45	9.348	0.02634	3.878142	17.5	1516	14840.87	1.905293	75.48256
1621	976.5	-9999	-9999	18.85484	29.211	45	10.338	0.026496	3.876628	17.5	1806	17582.38	2.072525	82.28264
1622	977.5	-9999	-9999	18.88556	29.29373	45	9.812	0.025171	3.874357	17.5	1282	13145.64	1.801884	71.74038
1623	978.5	-9999	-9999	18.95453	29.38336	45	7.9	0.022962	3.870193	17.5	1256	14133.24	1.862127	74.36575
1624	979.5	-9999	-9999	18.88973	29.43852	45	11.029	0.027674	3.869057	17.5	1264	11805.02	1.720106	68.82295
1625	980.5	-9999	-9999	19.01615	29.39715	45	11.186	0.042426	3.87095	17.5	707	4304.964	1.262603	50.44685
1626	981.5	-9999	-9999	19.04699	29.58331	45	41.119	0.08185	3.863001	17.5	651	2058.899	1.125593	45.25746
1627	982.5	-9999	-9999	19.03955	29.50058	45	11.267	0.041676	3.867165	17.5	607	3766.301	1.229744	49.30686
1628	983.5	-9999	-9999	19.05126	29.45921	45	8.991	0.025272	3.868679	17.5	717	7333.45	1.44734	57.95004
1629	984.5	-9999	-9999	19.00542	29.41784	45	10.486	0.028881	3.870572	17.5	1107	9902.71	1.604065	64.13496
1630	985.5	-9999	-9999	18.95952	29.48679	45	15.024	0.035738	3.867922	17.5	1225	8861.816	1.540571	61.74064
1631	986.5	-9999	-9999	19.08636	29.49368	45	11.037	0.031362	3.8683	17.5	1143	9421.434	1.574707	63.12347
1632	987.5	-9999	-9999	19.11728	29.50058	45	12.453	0.032966	3.868679	17.5	1560	12232	1.746152	70.01234
1633	988.5	-9999	-9999	19.01364	29.473	45	14.438	0.036246	3.8683	17.5	1983	14142.88	1.862716	74.61617
1634	989.5	-9999	-9999	19.00605	29.45231	45	12.574	0.044524	3.867543	17.5	986	5725.912	1.349281	54.01119
1635	990.5	-9999	-9999	18.95993	29.41094	45	36.95	0.088561	3.864136	17.5	869	2539.369	1.154902	46.16533
1636	991.5	-9999	-9999	18.97153	29.4661	45	41.88	0.103157	3.859972	17.5	816	2049.313	1.125008	45.05473
1637	992.5	-9999	-9999	18.90604	28.60426	45	31.118	0.089632	3.861108	17.5	647	1869.511	1.11404	43.31053
1638	993.5	-9999	-9999	18.91759	29.3351	45	38.349	0.099996	3.860729	17.5	704	1823.567	1.111238	44.30539
1639	994.5	-9999	-9999	18.94843	29.63847	45	43.855	0.113604	3.858458	17.5	641	1462.349	1.089203	43.87597
1640	995.5	-9999	-9999	18.94069	29.87289	45	45.678	0.123896	3.855051	17.5	838	1754.507	1.107025	44.94659
1641	996.5	-9999	-9999	19.14543	29.87289	45	56.386	0.135963	3.856566	17.5	1061	2023.46	1.123431	45.6127
1642	997.5	-9999	-9999	19.13776	29.8591	45	39.288	0.107736	3.855808	17.5	1284	3090.915	1.188546	48.23416
1643	998.5	-9999	-9999	19.11073	29.80394	45	32.509	0.090691	3.858458	17.5	1470	4200.849	1.256252	50.88766
1644	999.5	-9999	-9999	19.08366	29.83152	45	37.796	0.095433	3.856944	17.5	1656	4499.018	1.27444	51.67219
1645	1000.5	-9999	-9999	19.0178	29.83842	45	34.256	0.094257	3.856944	17.5	1970	5418.874	1.330551	53.95969
1646	1001.5	-9999	-9999	18.89371	29.83842	45	40.443	0.103416	3.855808	17.5	2110	5291.486	1.322781	53.64456
1647	1002.5	-9999	-9999	18.94397	29.84531	45	40.153	0.102998	3.85543	17.5	2250	5666.044	1.345629	54.58376
1648	1003.5	-9999	-9999	18.91667	29.83152	45	34.171	0.095838	3.855808	17.5	2424	6559.648	1.400139	56.76864
1649	1004.5	-9999	-9999	18.98639	29.8591	45	42.036	0.106483	3.844831	17.5	2598	6345.717	1.387089	56.29153
1650	1005.5	-9999	-9999	19.05618	29.87979	45	40.87	0.10815	3.852402	17.5	2399	5757.996	1.351238	54.87459
1651	1006.5	-9999	-9999	19.00942	29.90047	45	41.476	0.108606	3.855051	17.5	2200	5254.609	1.320531	53.6647
1652	1007.5	-9999	-9999	19.07928	29.87979	45	41.258	0.106996	3.85278	17.5	2304	5589.109	1.340936	54.45622
1653	1008.5	-9999	-9999	19.09083	29.87289	45	37.847	0.100905	3.854294	17.5	2408	6191.53	1.377683	55.93565
1654	1009.5	-9999	-9999	19.18026	29.8591	45	37.8	0.101723	3.855808	17.5	2588	6598.254	1.402493	56.91669
1655	1010.5	-9999	-9999	19.25031	29.866	45	43.267	0.109878	3.85543	17.5	2767	6531.663	1.398431	56.76495
1656	1011.5	-9999	-9999	19.35942	29.866	45	40.071	0.108569	3.854294	17.5	3026	7231.315	1.44111	58.49736
1657	1012.5	-9999	-9999	19.23456	29.87289	45	44.398	0.114532	3.854673	17.5	3284	7438.549	1.453752	59.02412
1658	1013.5	-9999	-9999	19.24617	29.87289	45	43.904	0.115373	3.854294	17.5	3685	8286.841	1.505497	61.12506
1659	1014.5	-9999	-9999	19.55074	29.866	45	43.473	0.11141	3.854673	17.5	4085	9512.175	1.580243	64.14501
1660	1015.5	-9999	-9999	19.40619	29.85221	45	36.641	0.10192	3.855051	17.5	7403	18841.66	2.149341	87.2055
1661	1016.5	-9999	-9999	19.39832	29.83842	45	42.726	0.110608	3.857701	17.5	10721	25125.83	2.532675	102.7111
1662	1017.5	-9999	-9999	19.5274	29.866	45	45.06	0.116278	3.85543	17.5	10887	24285	2.481385	100.7241
1663	1018.5	-9999	-9999	19.51957	29.88668	45	42.588	0.111639	3.854673	17.5	11052	25682.48	2.566631	104.2565
1664	1019.5	-9999	-9999	19.49213	29.87289	45	39.548	0.106323	3.856187	17.5	8323	20300.02	2.238301	90.87781
1665	1020.5	-9999	-9999	19.44504	29.90047	45	42.038	0.109472	3.857323	17.5	5595	13249.84	1.80824	73.48457
1666	1021.5	-9999	-9999	19.41749	29.89358	45	42.311	0.111191	3.85543	17.5	5423	12650.17	1.77166	71.98142
1667	1022.5	-9999	-9999	19.52727	29.93494	45	42.655	0.102412	3.854673	17.5	5251	13301.55	1.811394	73.69763
1668	1023.5	-9999	-9999	19.4408	29.7281	45	20.957	0.072988	3.83461	17.5	7129	25471.59	2.553767	103.1836
1669	1024.5	-9999	-9999	19.4721	29.01794	45	40.206	0.096822	3.766094	17.5	4215	11559.36	1.705121	67.2487
1670	1025.5	-9999	-9999	19.66072	28.99726	45	39.339	0.102885	3.766094	17.5	3273	8446.984	1.515266	59.71836
1671	1026.5	-9999	-9999	19.8102	29.01794	45	37.406	0.099198	3.76458	17.5	2976	7969.215	1.486122	58.61154
1672	1027.5	-9999	-9999	19.80237	29.09378	45	37.583	0.10016	3.763445	17.5	2261	5998.226	1.365892	54.01054
1673	1028.5	-9999	-9999	19.71573	29.10757	45	41.005	0.104816	3.763066	17.5	1812	4593.984	1.280233	50.64739
1674	1029.5	-9999	-9999	19.66839	29.10757	45	37.774	0.101329	3.761931	17.5	1363	3575.617	1.218113	48.18984
1675	1030.5	-9999	-9999	19.71958	29.10757	45	39.313	0.102475	3.761552	17.5	1695	4397.306	1.268236	50.17276
1676	1031.5	-9999	-9999	19.71162	29.10757	45	39.004	0.102536	3.761552	17.5	2026	5252.87	1.320425	52.23743
1677	1032.5	-9999	-9999	19.76287	29.12826	45	38.841	0.102954	3.758524	17.5	2136	5520.021	1.336721	52.91971
1678	1033.5	-9999	-9999	19.7549	29.11447	45	40.757	0.107258	3.757767	17.5	2246	5572.489	1.339922	53.0213
1679	1034.5	-9999	-9999	19.78644	29.10757	45	43.086	0.109038	3.759281	17.5	2561	6247.786	1.381115	54.63839
1680	1035.5	-9999	-9999	19.65977	29.10068	45	35.919	0.097648	3.759281	17.5	2877	7837.403	1.478082	58.46064
1681	1036.5	-9999	-9999	19.67148	29.12826	45	36.245	0.096249	3.759281	17.5	2674	7390.245	1.450805	57.43618
1682	1037.5	-9999	-9999	19.68318	29.11447	45	38.914	0.100974	3.759281	17.5	2470	6507.03	1.396929	55.27709
1683	1038.5	-9999	-9999	19.73451	29.10757	45	38.702	0.100987	3.758902	17.5	2504	6596.435	1.402383	55.47976
1684	1039.5	-9999	-9999	19.76606	29.12826	45	36.91	0.096394	3.759659	17.5	2538	7003.156	1.427193	56.50139

1685	1040.5	-9999	-9999	19.71828	29.12136	45	33.801	0.088482	3.759281	17.5	2723	8186.347	1.499367	59.34467
1686	1041.5	-9999	-9999	19.74984	29.16273	45	29.959	0.084555	3.764959	17.5	2908	9134.693	1.557216	61.72189
1687	1042.5	-9999	-9999	19.88072	29.211	45	39.469	0.100879	3.770637	17.5	2502	6577.641	1.401236	55.63137
1688	1043.5	-9999	-9999	19.87263	29.27305	45	42.552	0.109398	3.768366	17.5	2095	5081.862	1.309994	52.11937
1689	1044.5	-9999	-9999	19.94405	29.27305	45	40.164	0.107682	3.769501	17.5	2544	6267.458	1.382315	54.99674
1690	1045.5	-9999	-9999	19.99565	29.29373	45	42.714	0.112358	3.768366	17.5	2992	7066.523	1.431058	56.97626
1691	1046.5	-9999	-9999	19.92785	29.27305	45	45.581	0.118043	3.767609	17.5	3036	6826.439	1.416413	56.35336
1692	1047.5	-9999	-9999	19.9994	29.28684	45	44.548	0.116225	3.769123	17.5	3080	7030.929	1.428887	56.87643
1693	1048.5	-9999	-9999	20.09094	29.3351	45	41.659	0.109245	3.766094	17.5	3124	7593.094	1.463179	58.33739
1694	1049.5	-9999	-9999	20.16264	29.28684	45	38.308	0.102837	3.76988	17.5	7119	18363	2.120143	84.39168
1695	1050.5	-9999	-9999	20.09472	29.27994	45	39.966	0.104045	3.768744	17.5	5325	13580.1	1.828386	72.76124
1696	1051.5	-9999	-9999	20.20641	29.28684	45	39.444	0.095342	3.768744	17.5	3532	9829.725	1.599613	63.67215
1697	1052.5	-9999	-9999	20.21833	29.29373	45	19.998	0.070638	3.764202	17.5	1739	6540.164	1.39895	55.69792
1698	1053.5	-9999	-9999	20.23024	29.25236	45	41.886	0.089733	3.761931	17.5	1677	4967.87	1.30304	51.80608
1699	1054.5	-9999	-9999	20.16215	29.40405	45	17.389	0.065106	3.74906	17.5	2551	10451.24	1.637525	65.4421
1700	1055.5	-9999	-9999	20.31411	29.3351	45	37.246	0.091233	3.750196	17.5	2810	8212.963	1.500991	59.84497
1701	1056.5	-9999	-9999	20.20591	29.34889	45	41.984	0.108568	3.748682	17.5	2930	7199.255	1.439155	57.40651
1702	1057.5	-9999	-9999	19.99737	29.39715	45	42.764	0.11166	3.74641	17.5	3050	7290.986	1.44475	57.72449
1703	1058.5	-9999	-9999	19.92892	29.37647	45	41.968	0.108888	3.746032	17.5	3756	9208.186	1.561699	62.35325
1704	1059.5	-9999	-9999	20.36191	29.42473	45	38.041	0.102887	3.742625	17.5	4463	11590.13	1.706998	68.26648
1705	1060.5	-9999	-9999	20.29357	29.54194	45	40.841	0.106665	3.738461	17.5	5062	12694.27	1.77435	71.24271
1706	1061.5	-9999	-9999	20.24522	29.54884	45	42.195	0.109791	3.737325	17.5	5661	13796.35	1.841577	73.95924
1707	1062.5	-9999	-9999	20.39776	29.51436	45	41.119	0.107732	3.738461	17.5	6034	14981.86	1.913894	76.77384
1708	1063.5	-9999	-9999	20.3896	29.56263	45	39.367	0.102934	3.736947	17.5	6407	16656.34	2.016037	81.00345
1709	1064.5	-9999	-9999	20.40154	29.56263	45	36.492	0.097114	3.738461	17.5	6820	18784.91	2.145879	86.22047
1710	1065.5	-9999	-9999	20.39334	29.65915	45	36.453	0.095769	3.734297	17.5	7232	20222.11	2.233549	90.03602
1711	1066.5	-9999	-9999	20.38512	29.63158	45	36.411	0.095811	3.734676	17.5	6530	18249.15	2.113198	85.10539
1712	1067.5	-9999	-9999	20.37688	29.61779	45	36.716	0.096171	3.736947	17.5	5828	16216.63	1.989214	80.07487
1713	1068.5	-9999	-9999	20.34845	29.56952	45	36.358	0.094847	3.738461	17.5	5492	15488.62	1.944806	78.15965
1714	1069.5	-9999	-9999	20.11819	29.67294	45	34.463	0.093429	3.744139	17.5	5156	14739.38	1.899102	76.5898
1715	1070.5	-9999	-9999	20.19049	29.76947	45	39.162	0.101625	3.755495	17.5	5170	13546.41	1.826331	73.8946
1716	1071.5	-9999	-9999	20.38409	29.74189	45	40.978	0.105633	3.753981	17.5	5183	13070.43	1.797296	72.65246
1717	1072.5	-9999	-9999	20.27468	29.74879	45	38.169	0.100939	3.755495	17.5	5286	13944.38	1.850607	74.82481
1718	1073.5	-9999	-9999	20.06401	29.74879	45	36.87	0.097193	3.754738	17.5	5389	14766.98	1.900786	76.85365
1719	1074.5	-9999	-9999	20.1364	29.7281	45	36.32	0.092919	3.755117	17.5	5591	16023.59	1.977439	79.89734
1720	1075.5	-9999	-9999	20.57335	29.74879	45	30.058	0.082165	3.756252	17.5	5462	17697.46	2.079545	84.08133
1721	1076.5	1727.397	1082.897	20.52453	29.71431	45	31.095	0.087298	3.756252	17.5	5334	16266.41	1.992251	80.45848
1722	1077.5	1728.397	1083.897	20.53645	29.75568	45	44.933	0.104292	3.753981	17.5	5192	13261.51	1.808952	73.15752
1723	1078.5	1729.397	1084.897	20.40639	21.64745	52	27.353	0.040825	2.831479	12.25	452	3910.194	1.238522	35.65501
1724	1079.5	1730.397	1085.897	20.27615	21.63366	52	35.932	0.042925	2.832236	12.25	521	4285.495	1.261415	36.29094
1725	1080.5	1731.397	1086.897	20.491	21.5716	52	28.982	0.042605	2.830344	12.25	754	6252.788	1.38142	39.62948
1726	1081.5	1732.397	1087.897	20.29968	20.50292	52	46.712	0.053835	2.741765	12.25	1524	10325.02	1.629826	44.4393
1727	1082.5	1733.397	1088.897	20.4131	20.50292	52	35.083	0.048641	2.740251	12.25	2293	17203.16	2.049393	55.87932
1728	1083.5	1734.54	1090.04	20.60801	20.46844	52	39.663	0.053875	2.741008	12.25	1632	11051.58	1.674146	45.57099
1729	1084.5	1735.683	1091.183	20.59958	19.2067	52	57.364	0.064185	2.741387	12.25	970	5512.759	1.336278	34.13186
1730	1085.5	1736.826	1092.326	20.34672	18.85507	52	30.033	0.046184	2.741008	12.25	1079	8523.449	1.51993	38.11203
1731	1086.5	1737.969	1093.469	20.31772	18.86196	52	37.76	0.046403	2.74063	12.25	1188	9341.557	1.569835	39.37777
1732	1087.5	1739.112	1094.612	20.49259	18.83439	52	35.202	0.045611	2.74063	12.25	873	6983.784	1.426011	35.71778
1733	1088.5	1740.255	1095.755	20.52482	18.84818	52	34.017	0.042449	2.739494	12.25	811	6974.013	1.425415	35.72899
1734	1089.5	1741.398	1096.898	20.57749	19.42044	52	26.576	0.036329	2.786433	12.25	1214	11992.82	1.731562	44.72057
1735	1090.5	1742.541	1098.041	20.54851	19.78586	52	28.999	0.03775	2.817095	12.25	1855	17443.35	2.064045	54.31056
1736	1091.5	1743.684	1099.184	20.62166	19.77897	52	33.371	0.042007	2.81823	12.25	1783	15060.89	1.918714	50.46893
1737	1092.5	1744.827	1100.327	20.67444	19.76518	52	33.304	0.042401	2.817473	12.25	1711	14322.35	1.873664	49.24958
1738	1093.5	1745.97	1101.47	20.56358	19.77207	52	31.035	0.040242	2.817095	12.25	1290	11379.09	1.694124	44.5459
1739	1094.5	1747.113	1102.613	20.51399	19.7307	52	30.116	0.038454	2.817095	12.25	1259	11621.99	1.708941	44.84148
1740	1095.5	1748.256	1103.756	20.56676	19.7307	52	27.728	0.039864	2.815581	12.25	1227	10931.89	1.666845	43.7369
1741	1096.5	1749.399	1104.899	20.78354	19.65486	52	44.77	0.053448	2.812931	12.25	1518	10096.82	1.615906	42.23731
1742	1097.5	1750.542	1106.042	20.48785	19.46181	52	42.3	0.051315	2.798168	12.25	2284	15906.59	1.970302	50.99483
1743	1098.5	1751.685	1107.185	20.39701	19.44112	52	25.199	0.037148	2.798925	12.25	2299	22111.46	2.348799	60.72638
1744	1099.5	1752.828	1108.328	20.53191	19.44112	52	30.041	0.03724	2.799303	12.25	2299	22053.57	2.345268	60.63508
1745	1100.5	1753.971	1109.471	20.70803	19.44112	52	28.205	0.037178	2.799682	12.25	2401	23067.45	2.407114	62.23408
1746	1101.5	1755.114	1110.614	20.7199	19.44112	52	30.417	0.03842	2.798925	12.25	2504	23285.58	2.42042	62.5781
1747	1102.5	1756.257	1111.757	20.79347	19.43423	52	29.194	0.034886	2.797789	12.25	1943	19907.08	2.214332	57.22953
1748	1103.5	1757.4	1112.9	20.90826	19.44802	52	15.403	0.021423	2.797789	12.25	1329	22173.07	2.352557	60.84512
1749	1104.5	1758.543	1114.043	20.79668	20.22023	52	9.043	0.026064	2.850028	12.25	1930	25981.85	2.584893	69.50866
1750	1105.5	1759.436	1114.936	20.82917	20.99244	52	69.903	0.068863	2.902266	12.25	1448	7245.093	1.441951	40.25535
1751	1106.5	1760.328	1115.828	20.79985	20.97866	52	32.302	0.051293	2.902645	12.25	966	6488.183	1.395779	38.94077
1752	1107.5	1761.221	1116.721	20.72922	20.97866	52	39.956	0.049092	2.901509	12.25	1036	7273.144	1.443662	40.27665
1753	1108.5	1762.113	1117.613	20.74105	20.97176	52	36.683	0.047534	2.900752	12.25	1106	8021.214	1.489294	41.53608
1754	1109.5	1763.006	1118.506	20.67029	20.93729	52	34.858	0.044925	2.899995	12.25	3134	24055.46	2.467383	68.70165
1755	1110.5	1763.899	1119.399	20.72339	20.9166	52	33.271	0.042949	2.899995	12.25	3029	24319.33	2.483479	69.08152
1756	1111.5	1764.791	1120.291	20.71453	20.90281	52	32.233	0.041656	2.901509	12.25	2923	24184.06	2.475228	68.8066
1757	1112.5	1765.684	1121.184	20.78838	20.90971	52	31.946	0.040915	2.900752	12.25	3139	26448.49	2.613358	72.67032
1758	1113.5	1766.577	1122.077	20.69673	20.87523	52	30.678	0.039614	2.901509	12.25	3354	29180.11	2.779987	77.17636
1759	1114.5	1767.469	1122.969	20.68779	20.86834	52	29.976	0.038854	2.902266	12.25	2312	20502.8	2.250671	62.46117
1760	1115.5	1768.362	1123.862	20.76172	20.88902	52	30.509	0.039358	2.901888	12.25	2231	19533.59	2.191549	60.88068
1761	1116.5	1769.254	1124.754	20.75278	20.88213	52	31.429	0.038234	2.903023	12.25	2149	19361.22	2.181035	60.5686
1762	1117.5	1770.147	1125.647	20.59861	20.86834	52	21.977	0.030645	2.903023	12.25	2300	25853.56	2.577067	71.5194
1763	1118.5	1771.04	1126.54	20.65182	20.85455	52	23.492	0.030629	2.903023	12.25	1684	18938.85	2.15527	59.77405
1764	1119.5	1771.932	1127.432	20.70506	20.83387	52	26.812	0.033548	2.903402	12.25	1849	18982.7	2.157945	59.78888

1765	1120.5	1772.825	1128.325	20.61291	20.82697	52	25.622	0.033003	2.903023	12.25	2014	21021.11	2.282288	63.21304
1766	1121.5	1773.718	1129.218	20.583	20.81318	52	24.52	0.031785	2.902266	12.25	2091	22666.75	2.382672	65.94971
1767	1122.5	1774.61	1130.11	20.61546	20.77871	52	24.443	0.031332	2.901888	12.25	2230	24526.84	2.496138	68.97588
1768	1123.5	1775.503	1131.003	20.52306	20.75113	52	23.738	0.030498	2.902266	12.25	2526	28538.43	2.740844	75.63735
1769	1124.5	1776.395	1131.895	20.45136	20.68908	52	22.748	0.029376	2.90378	12.25	2901	34008.64	3.074527	84.59206
1770	1125.5	1777.288	1132.788	20.56711	20.71665	52	22.186	0.030774	2.90378	12.25	3150	35250.09	3.150256	86.79118
1771	1126.5	1778.281	1133.781	20.49533	20.69597	52	31.94	0.041002	2.90378	12.25	3399	28548.09	2.741434	75.45252
1772	1127.5	1779.274	1134.774	20.5069	20.68908	52	41.158	0.048928	2.90378	12.25	3274	23043.99	2.405683	66.1896
1773	1128.5	1780.267	1135.767	20.35149	20.66839	52	31.471	0.042635	2.904537	12.25	3309	26720.88	2.629974	72.28835
1774	1129.5	1781.26	1136.76	20.53005	20.67529	52	31.672	0.042873	2.903402	12.25	3344	26864.42	2.63873	72.55321
1775	1130.5	1782.253	1137.753	20.49983	20.64771	52	41.662	0.051182	2.904537	12.25	4498	30257.02	2.845678	78.139
1776	1131.5	1783.246	1138.746	20.53229	20.6546	52	40.228	0.047878	2.904537	12.25	3754	26994.91	2.646689	72.69926
1777	1132.5	1784.239	1139.739	20.66937	20.63392	52	20.575	0.034621	2.904159	12.25	2023	20120.52	2.227351	61.11962
1778	1133.5	1785.233	1140.733	20.55541	20.93039	52	38.832	0.044539	2.921193	12.25	855	6571.447	1.400858	38.99256
1779	1134.5	1786.226	1141.726	20.67169	21.04071	52	31.686	0.037324	2.930657	12.25	996	9105.672	1.555446	43.52367
1780	1135.5	1787.219	1142.719	20.72522	21.06829	52	8.381	0.017362	2.929143	12.25	1933	38008.81	2.140264	59.96624
1781	1136.5	1788.212	1143.712	20.73686	21.08897	52	15.712	0.018922	2.929143	12.25	2377	42885.85	2.286576	64.12851
1782	1137.5	1789.205	1144.705	20.37088	21.06829	52	16.964	0.022686	2.928764	12.25	2782	41871.41	2.256142	63.21293
1783	1138.5	1790.198	1145.698	20.4033	21.06139	52	22.166	0.028121	2.928007	12.25	2991	36326.24	2.089787	58.5328
1784	1139.5	1791.191	1146.691	20.37274	21.06139	52	25.436	0.032496	2.928764	12.25	4256	44717.93	2.341538	65.58408
1785	1140.5	1792.184	1147.684	20.36314	21.08897	52	27.549	0.036734	2.927628	12.25	6411	59613.24	2.788397	78.20243
1786	1141.5	1793.177	1148.677	20.35353	21.06139	52	35.577	0.042871	2.927628	12.25	8565	68240.6	3.047218	85.34947
1787	1142.5	1794.17	1149.67	20.30181	21.06829	52	29.958	0.040496	2.928764	12.25	9791	82552.27	3.476568	97.407
1788	1143.5	1795.163	1150.663	20.29212	21.07518	52	33.335	0.04354	2.929143	12.25	11017	86383.28	3.591498	100.6601
1789	1144.5	1796.156	1151.656	20.26134	21.06139	52	39.635	0.049296	2.930657	12.25	10361	71717.88	3.151537	88.27132
1790	1145.5	1797.149	1152.649	20.20945	21.03381	52	37.882	0.04984	2.929521	12.25	9705	66468.91	2.994067	83.75096
1791	1146.5	1798.142	1153.642	20.19965	21.03381	52	41.132	0.050768	2.9299	12.25	9902	66570.51	2.997115	83.83622
1792	1147.5	1799.135	1154.635	20.18984	21.06139	52	34.208	0.045269	2.929143	12.25	10098	76154.68	3.28464	91.99943
1793	1148.5	1800.128	1155.628	20.13778	21.08897	52	33.024	0.043354	2.928764	12.25	8721	68683.17	3.060495	85.83359
1794	1149.5	1801.122	1156.622	20.10677	21.07518	52	35.761	0.045116	2.927628	12.25	7343	55593.4	2.667802	74.77133
1795	1150.5	1802.115	1157.615	20.07571	21.03381	52	34.21	0.044004	2.929143	12.25	5034	39055.23	2.171657	60.74625
1796	1151.5	1803.108	1158.608	20.04461	21.02692	52	32.493	0.041857	2.928764	12.25	4645	37890.88	2.136727	59.74957
1797	1152.5	1804.101	1159.601	20.01345	21.0545	52	30.904	0.039853	2.929143	12.25	4255	36449.74	2.093492	58.61738
1798	1153.5	1805.094	1160.594	20.10926	21.08208	52	29.639	0.038092	2.927628	12.25	5390	48332.42	2.449973	68.68862
1799	1154.5	1806.087	1161.587	20.16281	21.10276	52	28.079	0.036491	2.925357	12.25	4451	41695.58	2.250868	63.16833
1800	1155.5	1807.08	1162.58	19.98329	21.10966	52	28.123	0.03083	2.928385	12.25	3512	38900.59	2.167018	60.83504
1801	1156.5	1808.073	1163.573	19.95199	21.06829	52	3.12	0.012909	2.927628	12.25	2372	62765.58	2.882967	80.77541
1802	1157.5	1809.084	1164.584	20.38736	21.00623	52	19.561	0.023348	2.928385	12.25	1679	24556.43	1.736693	48.5156
1803	1158.5	1810.094	1165.594	20.50481	21.01313	52	27.458	0.033875	2.929143	12.25	3158	31826.4	1.954792	54.62626
1804	1159.5	1811.105	1166.605	20.45247	20.98555	52	28.493	0.037117	2.929521	12.25	4183	38469.33	2.15408	60.11632
1805	1160.5	1812.115	1167.615	20.0388	20.97176	52	31.566	0.042068	2.929521	12.25	4626	37537.19	2.126116	59.2969
1806	1161.5	1813.126	1168.626	20.58145	20.98555	52	41.311	0.04435	2.929521	12.25	5069	39015.23	2.170457	60.57337
1807	1162.5	1814.137	1169.637	20.4652	20.99934	52	9.895	0.023786	2.931792	12.25	5621	80605.56	3.418167	95.45729
1808	1163.5	1815.147	1170.647	20.6681	21.08208	52	29.969	0.034219	2.935956	12.25	2523	25112.87	1.753386	49.15879
1809	1164.5	1816.158	1171.658	20.65823	21.08897	52	29.718	0.038416	2.935578	12.25	4571	40532.67	2.21598	62.14862
1810	1165.5	1817.168	1172.668	20.52049	21.08897	52	30.208	0.038855	2.936713	12.25	4579	40129.79	2.203894	61.80965
1811	1166.5	1818.179	1173.679	20.63843	21.08208	52	30.543	0.038682	2.934821	12.25	4586	40396.86	2.211906	62.01406
1812	1167.5	1819.189	1174.689	20.82049	21.10276	52	27.907	0.036241	2.933306	12.25	4464	41991.67	2.25975	63.41762
1813	1168.5	1820.2	1175.7	20.83198	21.13723	52	26.742	0.034522	2.932171	12.25	4176	41254.3	2.237629	62.8994
1814	1169.5	1821.211	1176.711	20.88618	21.14413	52	26.027	0.033631	2.930657	12.25	3736	37905.74	2.137172	60.09516
1815	1170.5	1822.221	1177.721	20.98316	21.17171	52	25.896	0.033479	2.930657	12.25	3296	33593.42	2.007802	56.53106
1816	1171.5	1823.232	1178.732	20.95196	21.1786	52	26.426	0.033923	2.931035	12.25	3455	34748.45	2.042453	57.5254
1817	1172.5	1824.242	1179.742	21.00629	21.15102	52	26.507	0.034205	2.931414	12.25	3248	32393.13	1.971794	55.46297
1818	1173.5	1825.253	1180.753	20.97504	21.13034	52	26.967	0.03427	2.931035	12.25	3202	31878.09	1.956343	54.97454
1819	1174.5	1826.264	1181.764	21.00799	21.13723	52	25.348	0.035873	2.930657	12.25	3156	30019.29	1.900579	53.42497
1820	1175.5	1827.274	1182.774	20.97669	21.15792	52	38.839	0.044801	2.928764	12.25	3106	23671.81	1.710154	48.11921
1821	1176.5	1828.285	1183.785	20.96678	21.15792	52	28.103	0.039053	2.929143	12.25	3161	27632.92	1.828988	51.46286
1822	1177.5	1829.295	1184.795	21.12844	21.1786	52	30.768	0.039502	2.927628	12.25	3215	27800	1.834	51.65434
1823	1178.5	1830.306	1185.806	21.09711	21.15792	52	32.936	0.042582	2.928385	12.25	3406	27314.56	1.819437	51.19412
1824	1179.5	1831.317	1186.817	21.13016	21.16481	52	35.952	0.045408	2.928385	12.25	3687	27727.37	1.831821	51.55938
1825	1180.5	1832.327	1187.827	21.24917	21.1786	52	34.895	0.046005	2.9299	12.25	3969	29445.88	1.883377	53.04503
1826	1181.5	1833.338	1188.838	21.21782	21.20618	52	38.887	0.047731	2.928385	12.25	3562	25483.76	1.764513	49.76196
1827	1182.5	1834.348	1189.848	21.25095	21.20618	52	32.022	0.042339	2.9299	12.25	3155	25433.26	1.762998	49.71924
1828	1183.5	1835.359	1190.859	21.2841	21.1855	52	30.36	0.040082	2.929143	12.25	3559	30313.44	1.909403	53.79557
1829	1184.5	1836.37	1191.87	21.25268	21.1855	52	33.353	0.038591	2.930278	12.25	3456	30561.88	1.916857	54.00556
1830	1185.5	1837.38	1192.88	21.24276	21.17171	52	16.092	0.027664	2.9299	12.25	2354	29042.39	1.871272	52.68693
1831	1186.5	1838.391	1193.891	21.34059	21.20618	52	31.217	0.036574	2.9299	12.25	2060	19224.12	1.576724	44.46602
1832	1187.5	1839.401	1194.901	21.37381	21.21308	52	29.502	0.039535	2.929521	12.25	2887	24926.68	1.7478	49.30667
1833	1188.5	1840.412	1195.912	21.3639	21.19929	52	35.041	0.04445	2.929521	12.25	2805	21540.73	1.646222	46.41089
1834	1189.5	1841.422	1196.922	21.41874	21.19239	52	37.508	0.045996	2.9299	12.25	2722	20198.48	1.605954	45.26092
1835	1190.5	1842.433	1197.933	21.47362	21.32339	52	29.303	0.039735	2.932928	12.25	2336	20044.69	1.601341	45.40987
1836	1191.5	1843.444	1198.944	21.44209	21.4406	52	30.476	0.039081	2.934064	12.25	1370	11947.75	1.358433	38.73337
1837	1192.5	1844.454	1199.954	21.12937	21.47508	38.3	30.941	0.039797	2.933306	12.25	1915	16404.29	1.492129	44.48838
1838	1193.5	1845.465	1200.965	21.48709	21.48887	38.3	31.247	0.040155	2.932928	12.25	2460	20888.09	1.626643	48.53012
1839	1194.5	1846.475	1201.975	21.60703	21.50955	38.3	31.223	0.040659	2.931792	12.25	2786	23371.88	1.701156	50.80205
1840	1195.5	1847.486	1202.986	21.57546	21.54403	38.3	33.363	0.043338	2.930657	12.25	3113	24509.91	1.735297	51.90466
1841	1196.5	1848.497	1203.997	21.7389	21.55781	38.3	37.316	0.047569	2.929143	12.25	3408	24458.59	1.733758	51.8918
1842	1197.5	1849.507	1205.007	21.62059	21.5785	38.2	39.084	0.049609	2.929143	12.25	3702	25476.48	1.764294	52.87342
1843	1198.5	1850.518	1206.018	21.65403	21.59918	38.3	37.563	0.048489	2.9299	12.25	3865	27205.18	1.816156	54.4623
1844	1199.5	1851.528	1207.028	21.44869	21.62676	38.3	36.662	0.047024	2.929521	12.25	4027	29232.59	1.876978	56.35809

1845	1200.5	1852.539	1208.039	21.65581	21.66813	38.3	34.957	0.045193	2.921193	12.25	4190	31738.38	1.952151	58.72737
1846	1201.5	1853.55	1209.05	21.75448	21.68192	38.3	34.144	0.04395	2.928385	12.25	4195	32594.49	1.977835	59.53788
1847	1202.5	1854.56	1210.06	21.788	21.7026	38.3	33.309	0.043301	2.926871	12.25	4200	33139.28	1.994179	60.08714
1848	1203.5	1855.571	1211.071	21.88683	21.73018	38.4	34.439	0.044039	2.926114	12.25	4473	34711.33	2.04134	61.56657
1849	1204.5	1856.581	1212.081	21.92044	21.73708	38.4	34.191	0.046544	2.925736	12.25	4746	34851.91	2.045557	61.71333
1850	1205.5	1857.592	1213.092	21.80161	21.73708	38.4	45.73	0.053367	2.925736	12.25	4680	29973.7	1.899211	57.29815
1851	1206.5	1858.603	1214.103	21.98773	21.73708	38.4	31.62	0.041742	2.925357	12.25	4614	37785.85	2.133575	64.3688
1852	1207.5	1859.613	1215.113	21.97781	21.7095	38.4	22.339	0.03158	2.926493	12.25	4349	47058.16	2.411745	72.6687
1853	1208.5	1860.624	1216.124	21.72789	21.68192	38.4	26.21	0.034808	2.926114	12.25	5045	49532.19	2.485966	74.8099
1854	1209.5	1861.634	1217.134	21.58683	21.66813	38.4	35.055	0.043164	2.926871	12.25	7695	60908.75	2.827263	85.0264
1855	1210.5	1862.645	1218.145	22.03525	21.67503	38.4	34.75	0.044374	2.925357	12.25	10345	79694.25	3.390827	102.0074
1856	1211.5	1863.655	1219.155	22.15638	21.65434	38.4	32.761	0.042365	2.926871	12.25	11374	91728.26	3.751848	112.7603
1857	1212.5	1864.666	1220.166	22.059	21.63366	38.4	31.66	0.040591	2.927628	12.25	12402	104362.9	4.130888	124.0337
1858	1213.5	1865.677	1221.177	21.8084	21.62676	38.4	29.785	0.039241	3.073366	12.25	13431	111366.4	4.340991	130.3007
1859	1214.5	1866.687	1222.187	22.03899	21.59918	38.4	32.094	0.040883	2.926871	12.25	7106	59384.68	2.78154	83.38519
1860	1215.5	1867.698	1223.198	21.98515	21.5785	38.4	32.388	0.041464	2.92725	12.25	6223	51270.11	2.538103	76.01455
1861	1216.5	1868.708	1224.208	22.15034	21.55781	38.4	31.611	0.041092	2.926114	12.25	5339	44402.71	2.332081	69.77738
1862	1217.5	1869.719	1225.219	22.07456	21.5785	38.4	32.69	0.042252	2.927628	12.25	5161	41722.04	2.251661	67.4358
1863	1218.5	1870.73	1226.23	22.13028	21.55092	38.4	34.559	0.043903	2.927628	12.25	5712	44440.12	2.333203	69.78862
1864	1219.5	1871.74	1227.24	22.22994	21.53713	38.4	33.698	0.038962	2.926871	12.25	6264	54929.26	2.647878	79.15019
1865	1220.5	1872.751	1228.251	22.24186	21.62676	38.4	12.244	0.022824	2.928385	12.25	5627	84189.19	3.525676	105.8279
1866	1221.5	1873.761	1229.261	22.27576	21.77155	38.4	23.704	0.027713	2.9299	12.25	8327	102555.1	4.076653	123.1854
1867	1222.5	1874.772	1230.272	22.19977	21.77845	38.4	22.103	0.03076	2.9299	12.25	5620	62359.11	2.870773	86.77448
1868	1223.5	1875.783	1231.283	22.32162	21.77845	38.4	31.249	0.038483	2.929143	12.25	6599	58541.56	2.756247	83.3127
1869	1224.5	1876.793	1232.293	22.26756	21.79224	38.4	32.264	0.040805	2.928007	12.25	7690	64363.85	2.930916	88.64849
1870	1225.5	1877.804	1233.304	22.38955	21.81292	38.4	29.878	0.039831	2.928764	12.25	7173	61488.99	2.84467	86.12156
1871	1226.5	1878.814	1234.314	22.42355	21.8405	38.4	33.867	0.042876	2.929143	12.25	6657	53006.38	2.590191	78.51645
1872	1227.5	1879.825	1235.325	22.47961	21.86118	38.4	34.488	0.043521	2.928007	12.25	6503	51032.08	2.530962	76.7937
1873	1228.5	1880.835	1236.335	22.60188	21.86808	38.4	31.023	0.04039	2.927628	12.25	6349	53693.1	2.610793	79.24088
1874	1229.5	1881.846	1237.346	22.26094	21.88876	38.4	29.668	0.038347	2.92725	12.25	6215	55366.96	2.661009	80.84138
1875	1230.5	1882.857	1238.357	22.40527	21.88187	38.4	29.032	0.037497	2.926871	12.25	7419	67600.01	3.028	91.9616
1876	1231.5	1883.867	1239.367	22.48348	21.88187	38.4	28.969	0.037107	2.928007	12.25	8624	79373.51	3.381205	102.6886
1877	1232.5	1884.878	1240.378	22.51756	21.88187	38.3	28.042	0.035745	2.928764	12.25	8859	84623.32	3.538699	107.5062
1878	1233.5	1885.888	1241.388	22.30846	21.86118	38.4	25.461	0.032687	2.92725	12.25	7494	78321.74	3.349652	101.6341
1879	1234.5	1886.899	1242.399	22.3867	21.82671	38.3	22.46	0.029843	2.927628	12.25	6370	72907.9	3.187237	96.58469
1880	1235.5	1887.91	1243.41	22.35435	21.79913	38.4	23.793	0.03033	2.928007	12.25	5247	59084.28	2.772528	83.88444
1881	1236.5	1888.92	1244.42	22.38839	21.80603	38.3	23.728	0.032059	2.927628	12.25	4201	44759.73	2.342792	70.9277
1882	1237.5	1889.931	1245.431	22.37813	21.81292	38.3	30.715	0.037934	2.92725	12.25	4660	41965.61	2.258968	68.41157
1883	1238.5	1890.941	1246.441	22.50086	21.84739	38.3	30.216	0.038325	2.92725	12.25	5213	46467.58	2.394027	72.61635
1884	1239.5	1891.952	1247.452	22.57935	21.84739	38.3	27.044	0.033196	2.92725	12.25	5766	59337.7	2.780131	84.32775
1885	1240.5	1892.963	1248.463	22.61353	21.8405	38.3	16.327	0.022394	2.92725	12.25	5652	86219.47	3.586584	108.755
1886	1241.5	1893.973	1249.473	22.42569	21.92324	38.2	12.023	0.020399	2.923086	12.25	4101	68775.26	3.063258	93.26814
1887	1242.5	1894.984	1250.484	22.61531	21.96461	38.2	30.658	0.036761	2.925736	12.25	1444	13425.89	1.402777	42.79145
1888	1243.5	1895.994	1251.494	22.49393	21.95771	38.2	36.681	0.045707	2.926493	12.25	3651	27294.62	1.818838	55.46593
1889	1244.5	1897.005	1252.505	22.63928	21.96461	38.2	35.651	0.044622	2.925357	12.25	3496	26782.26	1.803468	55.01446
1890	1245.5	1898.016	1253.516	22.51776	21.94392	38.2	28.687	0.038235	2.926114	12.25	3341	29862.57	1.895877	57.77894
1891	1246.5	1899.026	1254.526	22.70777	21.94392	38.3	27.805	0.037884	2.926871	12.25	2905	26199.32	1.78598	54.41221
1892	1247.5	1900.037	1255.537	22.74206	21.88876	38.3	36.661	0.057624	2.926493	12.25	1503	8912.621	1.267379	38.5153
1893	1248.5	1901.047	1256.547	22.73179	18.23454	38.2	94.126	0.093304	2.817095	12.25	998	3796.917	1.113908	28.20909
1894	1249.5	1902.058	1257.558	22.7215	21.01313	38.2	21.703	0.044162	2.950341	12.25	1840	14122.15	1.423664	41.54736
1895	1250.5	1903.068	1258.568	22.62195	21.02692	38.2	24.89	0.032301	2.948827	12.25	2429	25501.5	1.765045	51.54381
1896	1251.5	1904.079	1259.579	22.76781	21.23376	38.2	29.284	0.038199	2.942013	12.25	2438	21693.94	1.650818	48.68232
1897	1252.5	1905.09	1260.59	22.73516	21.36476	38.2	36.011	0.043193	2.936713	12.25	2752	21695.74	1.650872	48.98427
1898	1253.5	1906.1	1261.6	22.74714	21.49576	38.1	27.985	0.040165	2.931035	12.25	3107	26391.81	1.791754	53.50766
1899	1254.5	1907.111	1262.611	22.8262	21.5785	38.1	39.251	0.047796	2.928385	12.25	3223	23027.28	1.690818	50.68773
1900	1255.5	1908.121	1263.621	22.79348	21.64055	38.1	37.777	0.049571	2.925357	12.25	3339	23025.44	1.690763	50.83183
1901	1256.5	1909.132	1264.632	22.895	21.71639	38.1	40.682	0.051286	2.923464	12.25	3927	26191.65	1.78575	53.87569
1902	1257.5	1910.143	1265.643	22.90704	21.79913	38.1	38.529	0.049778	2.922707	12.25	3822	26270.34	1.78811	54.15244
1903	1258.5	1911.153	1266.653	22.87428	21.84739	38.1	37.208	0.047867	2.920058	12.25	3717	26592.86	1.797786	54.56601
1904	1259.5	1912.164	1267.664	22.84147	21.90255	38.1	35.737	0.045934	2.9193	12.25	3413	25452.16	1.763565	53.66248
1905	1260.5	1913.174	1268.674	22.92074	21.94392	38.1	33.932	0.044029	2.918165	12.25	3109	24197.69	1.725931	52.61653
1906	1261.5	1914.185	1269.685	22.7757	21.97839	38.1	33.744	0.042323	2.916651	12.25	3128	25339.78	1.760193	53.74536
1907	1262.5	1915.196	1270.696	22.89991	21.97839	38	28.352	0.038705	2.916272	12.25	3148	27889.41	1.836682	56.09887
1908	1263.5	1916.206	1271.706	22.90658	21.98529	38	33.244	0.040088	2.916272	12.25	3297	28201.44	1.846043	56.40248
1909	1264.5	1917.217	1272.717	22.91325	21.9715	38	25.516	0.036128	2.916651	12.25	3411	32370.99	1.97113	60.1865
1910	1265.5	1918.227	1273.727	22.91992	21.96461	37.9	33.076	0.041341	2.914758	12.25	3525	29253.16	1.877595	57.33093
1911	1266.5	1919.238	1274.738	22.92657	21.98529	37.9	34.863	0.044366	2.915894	12.25	3823	29551.78	1.886553	57.65872
1912	1267.5	1920.249	1275.749	22.93323	22.03355	37.9	34.252	0.044919	2.915515	12.25	4120	31459.35	1.943781	59.53818
1913	1268.5	1921.259	1276.759	22.93988	22.04045	37.9	37.488	0.046973	2.914758	12.25	3870	28265.76	1.847973	56.62129
1914	1269.5	1922.27	1277.77	22.94652	22.01976	37.9	34.727	0.040452	2.913622	12.25	4194	35584.27	2.067528	63.28894
1915	1270.5	1923.28	1278.78	22.95315	22.05424	37.9	12.141	0.016107	2.914001	11	3891	82900.82	3.487025	106.9082
1916	1271.5	1924.291	1279.791	22.95978	12.96005	32	9.811	0.011112	1.759832	11	648	33137.43	1.994123	36.62176
1917	1272.5	1925.301	1280.801	22.96641	5.141398	27	12.844	0.011738	0.771465	11	562	62064.38	7.206438	53.3774
1918	1273.5	1926.312	1281.812	22.97303	5.182766	27	6.659	0.008276	0.766922	11	689	108550.6	11.85506	88.51584
1919	1274.5	1927.323	1282.823	22.97964	5.148292	27.1	8.359	0.009377	0.766165	11	662	92145.62	10.21456	75.73453
1920	1275.5	1928.333	1283.833	22.98625	5.168977	27.1	14.106	0.013275	0.766922	11	1390	136535.2	14.65352	109.0831
1921	1276.5	1929.344	1284.844	22.99285	5.141398	27.1	11.947	0.014868	0.766544	11	2377	208558.6	21.85586	161.8304
1922	1277.5	1930.354	1285.854	22.99945	5.148292	27.1	24.049	0.021036	0.767301	11	2247	139213.8	14.92138	110.6326
1923	1278.5	1931.365	1286.865	23.00604	5.162082	27.1	13.448	0.016559	0.769193	11	2377	186618.8	19.66188	146.1709
1924	1279.5	1932.334	1287.834	23.01263	5.196556	27.1	17.875	0.018705	0.769193	11	2241	155755.2	16.57552	124.0491

1925	1280.5	1933.303	1288.803	23.01921	5.182766	27.1	23.173	0.023778	0.769572	11	2106	115087.9	12.50879	93.36582
1926	1281.5	1934.271	1289.771	23.02578	5.279293	27.1	26.877	0.024382	0.769193	11	1694	90324.46	10.03245	76.27699
1927	1282.5	1935.24	1290.74	23.03235	5.417188	27.1	10.254	0.015104	0.766165	11	1282	110780.4	12.07804	94.2283
1928	1283.5	1936.209	1291.709	23.03892	5.368925	27.1	19.414	0.019775	0.765786	11	1137	75081.01	8.508101	65.7856
1929	1284.5	1937.178	1292.678	23.04548	5.306872	27.2	26.396	0.023579	0.766922	11	991	54801.85	6.480185	49.50993
1930	1285.5	1938.147	1293.647	23.05203	5.093134	27.2	11.295	0.015154	0.769572	11	846	72543.43	8.254343	60.52489
1931	1286.5	1939.115	1294.615	23.05857	5.08624	27.2	16.017	0.016692	0.76995	11	877	68240.37	7.824037	57.29201
1932	1287.5	1940.084	1295.584	23.06512	5.093134	27.2	21.118	0.020018	0.76995	11	908	58912.31	6.891231	50.52988
1933	1288.5	1941.053	1296.553	23.07165	5.113819	27.2	15.219	0.016759	0.76995	11	1227	95091.86	10.50919	77.37144
1934	1289.5	1942.022	1297.522	23.07818	5.113819	27.2	14.875	0.016332	0.769572	11	1546	123001.8	13.30018	97.91953
1935	1290.5	1942.99	1298.49	23.08471	5.127608	27.2	19.686	0.020076	0.769193	11	1147	74276.52	8.427652	62.21395
1936	1291.5	1943.959	1299.459	23.09123	5.148292	27.0875	22.425	0.02077	0.768815	11	748	46842.35	5.684235	42.14677
1937	1292.5	1944.928	1300.428	23.09774	5.272398	26.975	10.671	0.014132	0.767301	11	325	29972.42	3.997242	30.3641
1938	1293.5	1946.001	1301.501	23.10425	5.141398	26.8625	16.576	0.018848	0.768436	11	738	50954.62	6.095462	45.1692
1939	1294.5	1947.074	1302.574	23.11075	5.210345	26.75	31.971	0.029834	0.767679	11	1035	45190.41	5.519041	41.46175
1940	1295.5	1948.147	1303.647	23.11725	5.244819	26.6375	27.989	0.028258	0.766922	11	1329	61323.21	7.132321	53.95626
1941	1296.5	1949.221	1304.721	23.12374	5.368925	26.525	19.414	0.022104	0.765786	11	1637	96710.9	10.67109	82.6684
1942	1297.5	1950.294	1305.794	23.13022	5.368925	26.4125	22.12	0.02129	0.769193	11	1433	87505.04	9.750504	75.56503
1943	1298.5	1951.367	1306.867	23.1367	5.010397	26.3	15.168	0.019428	0.763515	11	4017	270803.7	28.08037	203.163
1944	1299.5	1952.44	1307.94	23.14318	5.024187	26.3	29.507	0.025871	0.764651	11	19648	993197	56.62584	410.8186
1945	1300.5	1953.513	1309.013	23.14964	5.141398	26.4	16.347	0.019374	0.763515	11	35280	2384964	133.173	988.3758
1946	1301.5	1954.586	1310.086	23.15611	5.320661	26.4	17.094	0.018712	0.785471	11	37639	2560895	142.8492	1097.156
1947	1302.5	1955.66	1311.16	23.16257	5.430977	26.5	23.436	0.023585	0.781307	11	33513	1818693	102.0281	799.6088
1948	1303.5	1956.733	1312.233	23.16902	5.430977	26.5	25.488	0.026203	0.760865	11	29386	1473973	83.06853	651.0198
1949	1304.5	1957.806	1313.306	23.17546	5.403398	26.6	26.069	0.026645	0.760108	11	27271	1346534	76.05937	592.8632
1950	1305.5	1958.879	1314.379	23.1819	5.389609	26.6	24.248	0.02464	0.751402	11	25154	1358591	76.72251	596.506
1951	1306.5	1959.952	1315.452	23.18834	5.437872	26.7	19.366	0.021945	0.751402	11	23038	1397136	78.84246	618.2713
1952	1307.5	1961.025	1316.525	23.19477	5.320661	26.7	25.135	0.024461	0.730961	11	20921	1170098	66.35538	509.1335
1953	1308.5	1962.099	1317.599	23.20119	5.437872	26.8	21.482	0.026043	0.758216	11	22870	1158204	65.70123	515.0479
1954	1309.5	1963.172	1318.672	23.20761	5.403398	26.8	39.471	0.036276	0.758594	11	24816	901772.7	51.5975	401.921
1955	1310.5	1964.245	1319.745	23.21402	5.424083	26.8	30.321	0.03313	0.759351	11	26765	1063920	60.51559	473.1934
1956	1311.5	1965.318	1320.818	23.22043	5.430977	26.8	30.742	0.030815	0.760108	11	24988	1066810	60.67457	475.0395
1957	1312.5	1966.391	1321.891	23.22683	5.596452	26.9	24.832	0.024848	0.758594	11	23212	1231457	69.73015	562.3849
1958	1313.5	1967.464	1322.964	23.23323	5.596452	26.9	13.555	0.014987	0.758594	11	21436	1885438	105.6991	852.4802
1959	1314.5	1968.538	1324.038	23.23962	5.589557	27	7.578	0.009988	0.760108	11	19659	2589498	144.4224	1162.967
1960	1315.5	1969.611	1325.111	23.246	5.63782	27.1	13.865	0.013825	0.762758	11	19146	1815645	101.8605	827.0426
1961	1316.5	1970.684	1326.184	23.25238	5.755031	27.1	16.873	0.015882	0.760865	11	18635	1542145	86.81797	719.562
1962	1317.5	1971.796	1327.296	23.25876	5.789505	27.1	10.443	0.012716	0.759351	11	18121	1876741	105.2208	877.3114
1963	1318.5	1972.909	1328.409	23.26512	5.63782	27.2	14.854	0.013518	0.761244	11	20885	2029578	113.6268	922.2705
1964	1319.5	1974.022	1329.522	23.27149	5.534399	27.2	8.277	0.011656	0.762758	11	23652	2660366	148.3202	1181.781
1965	1320.5	1975.134	1330.634	23.27784	5.617136	27.3	19.411	0.017413	0.761622	11	30155	2273709	127.054	1027.129
1966	1321.5	1976.247	1331.747	23.2842	5.63782	27.3	14.733	0.017839	0.761244	11	36659	2699565	150.4761	1220.957
1967	1322.5	1977.359	1332.859	23.29054	5.513714	27.3	24.769	0.023737	0.763137	11	44533	2458420	137.2131	1088.834
1968	1323.5	1978.472	1333.972	23.29688	5.527504	27.3	23.396	0.022661	0.763515	11	52408	3029014	168.5958	1341.212
1969	1324.5	1979.584	1335.084	23.30322	5.555083	27.4	12.633	0.016986	0.763894	11	55377	4267737	236.7255	1891.964
1970	1325.5	1980.697	1336.197	23.30954	4.775975	27.4	24.257	0.029673	0.670394	11	11954	600923.9	35.05082	240.8449
1971	1326.5	1981.809	1337.309	23.31587	5.341346	27.5	61.857	0.055944	0.743831	11	12464	299524.5	18.47385	141.9191
1972	1327.5	1982.794	1338.294	23.32219	5.417188	27.5	51.683	0.050915	0.741938	11	12971	343364.8	20.88506	162.7206
1973	1328.5	1983.779	1339.279	23.3285	5.382714	27.5	25.715	0.031394	0.740424	11	13478	579823.6	33.8903	262.3671
1974	1329.5	1984.764	1340.264	23.3348	5.375819	27.6	26.923	0.028115	0.740803	11	14674	704550.5	40.75028	314.9659
1975	1330.5	1985.748	1341.248	23.3411	5.34824	27.6	29.103	0.02604	0.74156	11	15868	821744.4	47.19594	362.9141
1976	1331.5	1986.733	1342.233	23.3474	5.389609	27.7	7.182	0.012954	0.742695	11	17772	1847216	103.5969	802.5051
1977	1332.5	1987.718	1343.218	23.35369	5.437872	27.9	17.047	0.016198	0.743074	11	19677	1634845	91.91649	717.9228
1978	1333.5	1988.703	1344.203	23.35997	5.355135	27.9	18.256	0.019444	0.745345	11	20089	1386179	78.23987	601.8024
1979	1334.5	1989.687	1345.187	23.36625	5.237924	28	22.319	0.021274	0.737774	11	20502	1306241	73.84325	555.3683
1980	1335.5	1990.672	1346.172	23.37253	5.182766	28	15.437	0.019296	0.744967	11	20913	1454851	82.0168	610.3452
1981	1336.5	1991.657	1347.157	23.37879	5.189661	28	27.467	0.024672	0.749131	11	20340	1100515	62.5283	465.9365
1982	1337.5	1992.641	1348.141	23.38505	5.224135	28.1	17.303	0.021939	0.747617	11	19768	1205201	68.28606	512.0511
1983	1338.5	1993.626	1349.126	23.39131	5.299977	28.1	30.136	0.024916	0.745724	11	19194	1033033	58.81679	447.4476
1984	1339.5	1994.611	1350.111	23.39756	5.286187	28.2	6.172	0.013818	0.743074	11	18621	1813521	101.7437	771.7431
1985	1340.5	1995.631	1351.131	23.40381	5.141398	28.3	25.048	0.023967	0.749131	11	19762	1100686	62.5377	461.2133
1986	1341.5	1996.651	1352.151	23.41005	5.237924	28.2	32.17	0.031017	0.748374	11	20905	900599.4	51.53297	387.3175
1987	1342.5	1997.67	1353.17	23.41628	5.403398	28.3	25.558	0.024939	0.707113	11	22903	1298761	73.43187	569.1546
1988	1343.5	1998.69	1354.19	23.42251	5.279293	28.4	9.75	0.014439	0.694999	11	24902	2481430	138.4787	1048.319
1989	1344.5	1999.71	1355.21	23.42873	5.34824	28.4	18.905	0.017883	0.744967	11	26903	2019388	113.0664	867.1195
1990	1345.5	2000.73	1356.23	23.43495	5.396504	28.4	17.999	0.018443	0.748374	11	28551	2068615	115.7738	895.8959
1991	1346.5	2001.75	1357.25	23.44116	5.375819	28.5	15.702	0.018682	0.621941	11	30199	2599094	144.9502	1117.002
1992	1347.5	2002.77	1358.27	23.44737	5.299977	28.5	27.179	0.026069	0.651089	11	31847	1876310	105.197	799.2234
1993	1348.5	2003.79	1359.29	23.45357	5.299977	28.5	26.267	0.026764	0.53677	11	36462	2538082	141.5945	1075.749
1994	1349.5	2004.81	1360.31	23.45976	5.368925	28.5	22.454	0.025001	0.501566	11	41076	3275713	182.1642	1401.978
1995	1350.5	2005.829	1361.329	23.46595	5.286187	28.5	28.428	0.027717	0.397846	11	45689	4143371	229.8854	1741.986
1996	1351.5	2006.849	1362.349	23.47213	5.320661	28.5	24.044	0.025983	0.592794	11	50302	3265759	181.6167	1385.199
1997	1352.5	2007.869	1363.369	23.47831	5.141398	27.5	25.587	0.02482	0.782442	11	13433	691705.3	40.04379	296.1073
1998	1353.5	2008.837	1364.337	23.48448	5.079345	27.5	17.073	0.020371	0.590144	11	16990	1413256	79.72909	582.4481
1999	1354.5	2009.806	1365.306	23.49065	5.113819	27.6	23.871	0.022638	0.534498	11	20546	1698048	95.39266	701.3723
2000	1355.5	2010.774	1366.274	23.49681	5.113819	27.7	18.294	0.022164	0.437214	11	24100	2486965	138.7831	1020.06
2001	1356.5	2011.742	1367.242	23.50297	5.265503	27.7	31.068	0.027936	0.366427	11	24466	2390104	133.4557	1009.999
2002	1357.5	2012.71	1368.21	23.50912	5.093134	27.8	18.909	0.021167	0.376647	11	24829	3114319	173.2876	1268.096
2003	1358.5	2013.679	1369.179	23.51526	5.044871	27.8	15.647	0.017652	0.768815	11	25195	1856478	104.1063	754.6171
2004	1359.5	2014.647	1370.147	23.5214	5.003502	27.9	20.538	0.019148	0.790013	11	24600	1626215	91.44184	657.165

2005	1360.5	2015.615	1371.115	23.52753	4.94145	28	12.881	0.016256	0.791149	11	24006	1866639	104.6652	742.6217
2006	1361.5	2016.583	1372.083	23.53366	4.92766	28.1	21.899	0.021383	0.791906	11	23411	1382540	78.03973	551.9801
2007	1362.5	2017.552	1373.052	23.53978	5.003502	28.1	23.122	0.022967	0.79077	11	22817	1256330	71.09815	510.6218
2008	1363.5	2018.52	1374.02	23.5459	4.948344	28.2	18.368	0.019363	0.792284	11	21443	1397781	78.87798	560.065
2009	1364.5	2019.488	1374.988	23.55201	5.410293	28.2	15.327	0.015249	0.786228	11	20071	1674092	94.07504	730.328
2010	1365.5	2020.456	1375.956	23.55812	5.389609	28.3	8.467	0.011688	0.785849	11	18697	2035556	113.9556	880.9911
2011	1366.5	2021.425	1376.925	23.56422	5.368925	28.3	18.366	0.018227	0.785849	11	24375	1701705	95.59378	736.1996
2012	1367.5	2022.393	1377.893	23.57031	5.293082	28.4	23.427	0.028967	0.786606	11	30054	1319001	74.54504	565.7988
2013	1368.5	2023.361	1378.861	23.5764	5.05866	28.4	55.361	0.053194	0.790013	11	35732	850283.7	48.7656	353.7397
2014	1369.5	2024.329	1379.829	23.58248	5.113819	28.4	62.601	0.061399	0.789634	11	37567	774849	44.61669	327.1729
2015	1370.5	2025.075	1380.575	23.58856	4.527764	28.4	49.138	0.049661	0.710898	11	39399	1116002	63.38012	411.5016
2016	1371.5	2025.821	1381.321	23.59463	4.2175	28.4	27.898	0.034413	0.663959	11	41232	1804535	101.2494	612.3254
2017	1372.5	2026.567	1382.067	23.6007	4.258869	28.4	38.188	0.036895	0.664716	11	43011	1753759	98.45676	601.2767
2018	1373.5	2027.313	1382.813	23.60676	4.183026	28.5	32.615	0.034307	0.665095	11	44789	1962920	109.9606	659.3536
2019	1374.5	2028.059	1383.559	23.61281	4.203711	28.5	29.656	0.03165	0.664716	11	46568	2213500	123.7425	745.6624
2020	1375.5	2028.805	1384.305	23.61886	4.189921	28.5	31.705	0.032311	0.664338	11	47930	2232876	124.8082	749.6173
2021	1376.5	2029.551	1385.051	23.62491	4.176132	28.5	30.291	0.028618	0.665095	11	49291	2589658	144.4312	864.621
2022	1377.5	2030.297	1385.797	23.63094	3.948605	28.5	12.551	0.017529	0.669259	11	50655	4317840	239.4812	1355.519
2023	1378.5	2031.043	1386.543	23.63698	3.934815	28.6	20.828	0.019069	0.668502	11	52941	4153017	230.416	1299.223
2024	1379.5	2031.788	1387.288	23.643	7.251193	27.8	14.36	0.018249	0.61437	11	50657	4518236	250.503	2609.889
2025	1380.5	2032.534	1388.034	23.64903	7.395983	27.8	27.216	0.026696	0.613992	11	5633	343658.1	20.90119	222.1092
2026	1381.5	2033.28	1388.78	23.65504	7.823458	27.8	31.087	0.031151	0.606043	11	6045	320198.9	19.61094	220.4432
2027	1382.5	2034.026	1389.526	23.66105	8.168196	27.8	28.497	0.028488	0.599607	11	6456	377951.7	22.78734	267.4358
2028	1383.5	2034.772	1390.272	23.66706	6.658244	27.9	19.592	0.022245	0.618913	11	6869	498911.3	29.44012	281.5494
2029	1384.5	2035.518	1391.018	23.67305	5.886031	27.9	21.719	0.022158	0.632162	11	7761	554069.9	32.47385	274.5438
2030	1385.5	2036.264	1391.764	23.67905	5.548188	28	21.609	0.02223	0.637083	11	8654	611065.6	35.60861	283.6725
2031	1386.5	2037.01	1392.51	23.68504	5.044871	28	20.338	0.022006	0.645789	11	9032	635548.8	36.95518	267.6927
2032	1387.5	2037.756	1393.256	23.69102	5.168977	28	24.24	0.026185	0.644275	11	8213	486826.6	28.77546	213.5689
2033	1388.5	2038.501	1394.001	23.697	5.127608	28.1	34.059	0.030067	0.644654	11	7113	366974.1	22.18358	163.2726
2034	1389.5	2039.819	1395.319	23.70297	5.596452	28.1	13.319	0.016844	0.638218	11	7021	653103.5	37.92069	304.6182
2035	1390.5	2041.136	1396.636	23.70893	6.403138	28.2	10.028	0.01194	0.62497	11	6929	928542.8	53.06986	487.5998
2036	1391.5	2042.453	1397.953	23.71489	6.816824	28.2	15.586	0.016265	0.61702	11	6698	667406.3	38.70735	378.6154
2037	1392.5	2043.77	1399.27	23.72085	6.49277	28.2	21.644	0.021755	0.62232	11	5879	434241.8	25.8833	241.1418
2038	1393.5	2045.087	1400.587	23.7268	5.941189	28.3	23.587	0.022012	0.629891	11	5061	365015.2	22.07584	188.1348
2039	1394.5	2046.405	1401.905	23.73274	6.527244	28.3	11.243	0.013249	0.621941	11	5801	703982.4	40.71903	381.2466
2040	1395.5	2047.722	1403.222	23.73868	5.706768	28.3	8.025	0.009219	0.634433	11	6541	1118386	63.5112	519.8993
2041	1396.5	2049.039	1404.539	23.74461	5.886031	28.4	9.943	0.010935	0.629512	11	9667	1404373	79.24053	668.8128
2042	1397.5	2050.356	1405.856	23.75053	5.430977	28.4	15.408	0.014812	0.627998	11	12794	1375401	77.64707	604.6968
2043	1398.5	2051.673	1407.173	23.75646	5.306872	28.4	14.043	0.015328	0.625348	11	14990	1563805	88.00927	669.7329
2044	1399.5	2052.99	1408.49	23.76237	5.189661	28.5	17.022	0.017252	0.634812	11	17186	1569272	88.30999	656.9608
2045	1400.5	2054.308	1409.808	23.76828	5.244819	28.4	17.588	0.019434	0.617777	11	23233	1935174	108.4346	815.5168
2046	1401.5	2055.625	1411.125	23.77418	6.106664	28.3	24.957	0.033796	0.747617	12.25	8544	338151.8	20.59835	180.4326
2047	1402.5	2056.942	1412.442	23.7858	6.182506	28.4	40.102	0.045015	0.747238	12.25	8784	261143.4	16.36289	145.0638
2048	1403.5	2057.689	1413.189	23.79742	6.20319	28.4	24.439	0.036963	0.747617	12.25	9024	326553.9	19.96047	177.5499
2049	1404.5	2058.435	1413.935	23.80904	6.237664	28.4	34.418	0.041218	0.747617	12.25	9265	300660.3	18.53632	165.7983
2050	1405.5	2059.182	1414.682	23.82066	6.210085	28.4	29.999	0.038872	0.748374	12.25	9603	330108.6	20.15598	179.4882
2051	1406.5	2059.929	1415.429	23.83228	6.423822	28.5	26.758	0.035845	0.744967	12.25	9941	372271.2	22.47492	206.958
2052	1407.5	2060.676	1416.176	23.8439	6.113558	28.5	30.037	0.035105	0.749509	12.25	10280	390701	23.48856	205.8453
2053	1408.5	2061.422	1416.922	23.85552	6.389349	28.5	16.712	0.026599	0.746102	12.25	9190	463076.8	27.46922	251.5901
2054	1409.5	2062.169	1417.669	23.86714	6.196295	28.6	27.087	0.029659	0.748374	12.25	8098	364836	22.06598	195.9305
2055	1410.5	2062.916	1418.416	23.87876	6.21698	28.6	13.176	0.019333	0.747617	12.25	5572	385499.3	23.20246	206.7094
2056	1411.5	2063.663	1419.163	23.89038	5.941189	28.6	10.318	0.014499	0.751023	12.25	3352	307825.6	18.93041	161.1685
2057	1412.5	2064.41	1419.91	23.902	5.720557	28.7	13.13	0.017594	0.754052	12.25	5909	445392.2	26.49657	217.1355
2058	1413.5	2065.156	1420.656	23.86516	5.617136	28.7	19.165	0.025225	0.756323	12.25	4089	214330.5	13.78818	110.9493
2059	1414.5	2065.903	1421.403	23.61012	5.541293	28.8	27.777	0.033366	0.756701	12.25	2272	89985.75	6.949216	55.14497
2060	1415.5	2066.65	1422.15	23.62158	5.437872	28.8	25.241	0.041167	0.757837	12.25	2352	75389.63	6.14643	47.8642
2061	1416.5	2067.397	1422.897	23.63305	5.382714	28.8	63.13	0.062224	0.760865	12.25	2435	51432.15	4.828768	37.22173
2062	1417.5	2068.143	1423.643	23.64452	5.527504	28.8	12.251	0.032625	0.758216	12.25	2516	101711.7	7.594144	60.11279
2063	1418.5	2068.89	1424.39	23.65598	5.34824	28.8	39.923	0.038998	0.75973	12.25	2438	82286.95	6.525782	49.98071
2064	1419.5	2069.637	1425.137	23.66745	5.293082	28.9	9.819	0.018948	0.760865	12.25	2361	163769.4	11.00732	83.40754
2065	1420.5	2070.384	1425.884	23.67892	5.148292	28.9	9.112	0.011383	0.763515	12.25	2778	319624.1	19.57933	144.3032
2066	1421.5	2071.13	1426.63	23.69038	5.224135	29	6.789	0.009778	0.80364	12.25	8486	1079900	61.39451	459.0027
2067	1422.5	2071.877	1427.377	23.67752	5.237924	29	9.306	0.012839	0.837709	12.25	11644	1082622	61.54422	461.3365
2068	1423.5	2073.3	1428.8	23.68897	5.196556	29.1	15.827	0.019388	0.83733	12.25	14802	911774.7	52.14761	387.6838
2069	1424.5	2074.722	1430.222	23.70043	5.155187	29.1	17.75	0.023051	0.838088	12.25	16401	848950.8	48.69229	359.114
2070	1425.5	2076.144	1431.644	23.71188	3.100549	29.1	20.611	0.024435	0.509893	12.25	18000	1444690	81.45795	361.3265
2071	1426.5	2077.567	1433.067	23.72334	5.36203	29.2	13.694	0.021644	0.807047	12.25	19599	1122035	63.71195	488.5782
2072	1427.5	2078.989	1434.489	23.73479	6.258348	29.2	25.489	0.033188	0.791149	12.25	21553	820871.2	47.14791	421.9939
2073	1428.5	2080.412	1435.912	23.74625	6.754771	29.2	39.03	0.041608	0.780928	12.25	23509	723517.2	41.79344	403.7409
2074	1429.5	2081.834	1437.334	23.7577	7.009877	29.2	12.316	0.022757	0.775628	12.25	25463	1442591	81.34251	815.4774
2075	1430.5	2083.257	1438.757	23.76916	6.989193	29.2	17.771	0.02253	0.77525	12.25	27418	1569737	88.33556	882.9712
2076	1431.5	2084.679	1440.179	23.78061	6.796139	29.2	21.609	0.029003	0.778278	12.25	29489	1306436	73.854	717.8278
2077	1432.5	2086.101	1441.601	23.79207	6.91335	29.3	30.968	0.035485	0.776386	12.25	31561	1145589	65.00739	642.5274
2078	1433.5	2087.524	1443.024	23.80352	7.113298	29.3	19.907	0.027378	0.773357	12.25	33631	1588419	89.36304	908.8021
2079	1434.5	2088.946	1444.446	23.81498	7.175351	29.3	17.005	0.022797	0.772979	12.25	35701	2026019	113.431	1163.631
2080	1435.5	2090.369	1445.869	23.82643	7.251193	29.3	18.323	0.023863	0.771086	12.25	43339	2355314	131.5423	1363.688
2081	1436.5	2091.791	1447.291	23.83789	7.223614	29.3	20.924	0.02495	0.770707	12.25	50979	2651101	147.8106	1526.513
2082	1437.5	2093.213	1448.713	23.87385	9.236883	27.6	14.269	0.021322	0.687807	12.25	2870	195697.1	12.76334	169.5033
2083	1438.5	2094.337	1449.837	23.88532	9.505779	27.7	21.378	0.025774	0.684022	12.25	2876	163134.2	10.97238	149.9107
2084	1439.5	2095.461	1450.961	23.89679	9.285147	27.7	20.344	0.027068	0.685536	12.25	2884	155421	10.54816	140.7697

2085	1440.5	2096.585	1452.085	23.78552	9.374779	27.8	23.404	0.029633	0.684779	12.25	2890	142421.5	9.833183	132.4509
2086	1441.5	2097.709	1453.209	23.79693	8.91283	27.8	24.152	0.032449	0.688564	12.25	2877	128765.6	9.082105	116.3059
2087	1442.5	2098.833	1454.333	23.83291	8.119933	27.8	31.224	0.034026	0.698028	12.25	2863	120541.1	8.62976	100.6817
2088	1443.5	2099.957	1455.457	23.84433	7.175351	27.9	9.541	0.018248	0.771843	12.25	2850	202353.7	13.12946	135.3148
2089	1444.5	2101.081	1456.581	23.85575	6.423822	28	15.66	0.023641	0.789634	12.25	2866	153525	10.44388	96.33107
2090	1445.5	2102.205	1457.705	23.86717	6.513454	28	38.006	0.040763	0.789256	12.25	2880	89517.51	6.923463	64.7509
2091	1446.5	2103.202	1458.702	23.87859	6.547928	28	22.304	0.033029	0.788877	12.25	2896	111147.6	8.113115	76.27859
2092	1447.5	2104.199	1459.699	23.84075	6.78235	28	26.717	0.031247	0.785092	12.25	2910	118622.3	8.524224	83.01301
2093	1448.5	2105.196	1460.696	23.80286	7.065035	28.1	16.463	0.024562	0.781685	12.25	2924	152291.4	10.37603	105.2234
2094	1449.5	2106.193	1461.693	23.61702	7.382194	28.1	21.911	0.027256	0.776764	12.25	2936	138678.7	9.62733	102.0136
2095	1450.5	2107.19	1462.69	23.62829	7.375299	28.2	22.926	0.033725	0.777143	12.25	2950	112555.6	8.190555	86.67937
2096	1451.5	2108.187	1463.687	23.63957	7.251193	28.2	43.571	0.047255	0.778278	12.25	2962	80538.88	6.429638	66.89887
2097	1452.5	2109.184	1464.684	23.65085	6.692718	28.2	23.034	0.033286	0.785471	12.25	2958	113136.8	8.222526	78.96425
2098	1453.5	2110.181	1465.681	23.63743	6.63756	28.2	19.433	0.026926	0.787742	12.25	2951	139127	9.651986	91.92802
2099	1454.5	2111.178	1466.678	23.6487	6.761666	28.3	24.731	0.029006	0.785092	12.25	2947	129410.1	9.117554	88.43226
2100	1455.5	2112.174	1467.674	23.65996	6.740981	28.3	16.835	0.025629	0.785471	12.25	2940	146043.9	10.03242	97.00795
2101	1456.5	2113.171	1468.671	23.67123	6.954719	28.3	27.381	0.034985	0.782821	12.25	2948	107641.5	7.920285	79.01309
2102	1457.5	2114.168	1469.668	24.35066	7.127088	28.3	36.7	0.041694	0.781307	12.25	2956	90743.13	6.990872	71.46973
2103	1458.5	2115.165	1470.665	24.33748	6.996087	28.4	20.144	0.032028	0.782442	12.25	2964	118275.7	8.505162	85.32425
2104	1459.5	2116.162	1471.662	24.32428	7.051245	28.4	32	0.036868	0.782442	12.25	2972	103026	7.666431	77.51642
2105	1460.5	2117.159	1472.659	24.33584	7.037456	28.4	23.69	0.033728	0.780549	12.25	2980	113193.8	8.225661	83.00822
2106	1461.5	2118.156	1473.656	24.34741	6.940929	28.4	30.44	0.034898	0.782442	12.25	3010	110234.4	8.06289	80.24962
2107	1462.5	2119.153	1474.653	24.35897	6.920245	28.4	17.201	0.026111	0.782821	12.25	3040	148723.7	10.1798	101.0172
2108	1463.5	2120.15	1475.65	24.39535	3.976184	28.5	22.456	0.026089	0.449706	12.25	3070	261665.7	16.39161	93.42837
2109	1464.5	2121.147	1476.647	24.40692	6.47898	28.6	14.572	0.023508	0.760865	12.25	3100	173312.4	11.53218	107.0693
2110	1465.5	2122.144	1477.644	24.36881	6.444507	28.6	28.824	0.030504	0.760108	12.25	3130	134994.9	9.424719	87.03717
2111	1466.5	2123.141	1478.641	24.35551	6.423822	28.6	12.303	0.0222	0.760108	12.25	3149	186611.3	12.26362	112.8909
2112	1467.5	2124.138	1479.638	24.36704	6.437612	28.6	25.435	0.029305	0.760108	12.25	3165	142087.1	9.814792	90.54252
2113	1468.5	2125.135	1480.635	24.22932	6.423822	28.6	22.542	0.028976	0.760487	12.25	3198	145127.1	9.981989	91.88768
2114	1469.5	2126.132	1481.632	24.2159	6.444507	28.6	19.448	0.027137	0.760487	12.25	3233	156655.2	10.61603	98.03896
2115	1470.5	2127.129	1482.629	24.22736	6.430717	28.7	26.148	0.028711	0.760487	12.25	3197	146422.9	10.05326	92.61237
2116	1471.5	2128.126	1483.626	24.2139	6.451401	28.7	9.774	0.017963	0.758594	12.25	3160	231892.7	14.7541	136.3545
2117	1472.5	2129.123	1484.623	24.20042	6.0584	28.7	18.48	0.023736	0.715819	12.25	2792	164326.1	11.03794	95.79627
2118	1473.5	2130.119	1485.619	24.18692	4.431238	28.7	26.934	0.030808	0.516329	12.25	2713	170551.6	11.38034	72.24089
2119	1474.5	2131.116	1486.616	24.19834	21.73708	21.7	17.375	0.029285	2.610412	12.25	4661	60970.87	3.658252	116.6185
2120	1475.5	2132.113	1487.613	24.15984	21.99218	21.7	40.058	0.04333	2.605112	12.25	5516	48866.51	2.93199	94.56355
2121	1476.5	2133.11	1488.61	24.19621	21.80603	21.8	24.344	0.039334	2.607762	12.25	4772	46522.26	2.791336	89.23478
2122	1477.5	2134.107	1489.607	24.40747	21.81982	21.7	45.895	0.052546	2.608898	12.25	3859	28149.73	1.688984	54.04673
2123	1478.5	2135.104	1490.604	24.36899	21.86808	21.8	36.984	0.047812	2.607384	12.25	3743	30024.88	1.801493	57.75488
2124	1479.5	2136.101	1491.601	24.50549	21.88876	21.8	29.009	0.04034	2.607005	12.25	3628	34497.88	2.069873	66.42177
2125	1480.5	2137.098	1492.598	24.51703	21.8405	21.8	34.995	0.045535	2.608519	12.25	3211	27033.68	1.622021	51.93552
2126	1481.5	2138.095	1493.595	24.50354	21.86808	25	43.238	0.049659	2.607762	12.25	2795	21583.22	1.294993	41.07118
2127	1482.5	2139.092	1494.592	24.49002	20.68908	25	23.503	0.035884	2.644859	12.25	2771	29196.27	1.751776	52.56284
2128	1483.5	2140.089	1495.589	24.65185	22.06803	25	30	0.038728	2.642966	12.25	4371	42703.58	2.562215	82.00459
2129	1484.5	2141.086	1496.586	24.71357	22.19213	25	37	0.047202	2.642588	12.25	5970	47861	2.87166	92.42536
2130	1485.5	2142.083	1497.583	24.72517	22.16455	25	42	0.051493	2.641074	12.25	7572	55677.32	3.340639	107.386
2131	1486.5	2143.08	1498.58	24.58625	22.19213	25	35	0.048061	2.639938	12.25	6872	54162.78	3.249767	104.5949
2132	1487.5	2144.077	1499.577	24.62289	22.26108	26.5	42	0.050897	2.644102	12.25	6173	45869.93	2.752196	88.41079
2133	1488.5	2145.074	1500.574	24.65955	22.30245	26.5	34.219	0.04381	2.638802	12.25	5475	47359.67	2.84158	91.45178
2134	1489.5	2146.071	1501.571	24.67111	22.19213	26.5	25.311	0.038756	2.641452	12.25	5727	55942.52	3.356551	107.491
2135	1490.5	2147.068	1502.568	24.70781	22.30934	26.5	45.172	0.054406	2.639938	12.25	5978	41621.26	2.497276	80.39573
2136	1491.5	2148.064	1503.564	24.71938	22.32313	26.5	47.576	0.057705	2.638424	12.25	5738	37688.21	2.261293	72.84364
2137	1492.5	2149.061	1504.561	24.80643	22.33003	26.5	33.473	0.049618	2.639181	12.25	5496	41969.58	2.518175	81.14371
2138	1493.5	2150.058	1505.558	24.81804	22.35071	26.5	49.793	0.05759	2.639559	12.25	5254	34562.74	2.073764	66.88526
2139	1494.5	2151.055	1506.555	24.57782	22.37829	26.5	35.772	0.049327	2.638045	12.25	5547	42627.4	2.557644	82.59367
2140	1495.5	2152.052	1507.552	24.38776	22.33692	26.5	37.023	0.048193	2.638045	12.25	5838	45919.67	2.75518	88.80818
2141	1496.5	2153.049	1508.549	24.52519	22.39208	26.5	40.753	0.052652	2.63691	12.25	5457	39304.3	2.358258	76.20184
2142	1497.5	2154.046	1509.546	24.66273	22.42655	26.5	45.367	0.057539	2.63691	12.25	5075	33448.79	2.006927	64.94921
2143	1498.5	2155.043	1510.543	24.52287	22.46792	28	45.955	0.058322	2.635017	12.25	4694	30543.93	1.832636	59.12215
2144	1499.5	2156.04	1511.54	24.73624	22.48171	28	42.641	0.052879	2.633881	12.25	4843	34772.56	2.086353	67.34856
2145	1500.5	2157.037	1512.537	24.84879	22.4955	28	29.938	0.042633	2.636153	12.25	4992	44417.56	2.665054	86.08208
2146	1501.5	2158.034	1513.534	24.78458	22.39208	28	36.312	0.046201	2.638424	12.25	5141	42174.7	2.530482	81.35959
2147	1502.5	2159.031	1514.531	25.12472	22.46103	28	40.147	0.050219	2.636531	12.25	4794	36207.41	2.172444	70.06311
2148	1503.5	2160.028	1515.528	24.42836	22.48861	28	37.16	0.044645	2.63691	12.25	4446	37766.21	2.265972	73.16919
2149	1504.5	2161.025	1516.525	24.81923	22.34382	28	19.293	0.033895	2.640317	12.25	4747	53043.1	3.182586	102.1054
2150	1505.5	2162.022	1517.522	24.80547	22.3645	28	43.645	0.048947	2.638424	12.25	4292	33234.59	1.994076	64.03419
2151	1506.5	2163.019	1518.519	24.79168	22.44034	28	34.258	0.046538	2.637667	12.25	3840	31282.34	1.87694	60.47712
2152	1507.5	2164.016	1519.516	24.52452	22.44724	28	36.229	0.045135	2.636153	12.25	3864	32474.95	1.948497	62.80204
2153	1508.5	2165.013	1520.513	24.6373	22.48861	32	31.193	0.042806	2.636153	12.25	3890	34472.24	2.068335	65.91192
2154	1509.5	2166.009	1521.509	24.95305	22.48861	32	38.511	0.048497	2.637288	12.25	4233	33096.21	1.985773	63.28091
2155	1510.5	2167.006	1522.506	24.88852	22.51619	32	40.796	0.050409	2.635017	12.25	4576	34450.38	2.067023	65.9509
2156	1511.5	2168.003	1523.503	24.92545	22.5024	32	33.251	0.045321	2.635395	12.25	4442	37190.37	2.231422	71.15265
2157	1512.5	2169	1524.5	24.83544	22.51619	32	37.433	0.043981	2.635017	12.25	4309	37181.63	2.230898	71.17952
2158	1513.5	2169.997	1525.497	25.07561	21.99908	32	22.003	0.029419	2.616847	12.25	3454	44865.14	2.691908	83.91611
2159	1514.5	2170.994	1526.494	25.16348	22.01287	32	11.673	0.020693	2.61609	12.25	841	15535.26	0.932116	29.07549
2160	1515.5	2171.991	1527.491	25.12427	21.94392	32	27.751	0.030968	2.617226	12.25	960	11844.45	0.710667	22.09841
2161	1516.5	2172.988	1528.488	25.13591	21.91634	32	21.659	0.028277	2.616847	12.25	944	12757.55	0.765453	23.77209
2162	1517.5	2173.985	1529.485	25.19844	21.90255	32	17.404	0.026188	2.617604	12.25	4033	58832.53	3.529952	109.558
2163	1518.5	2175.204	1530.704	25.36289	21.88876	32	30.783	0.038135	2.61874	12.25	4244	42497.39	2.549843	79.08886
2164	1519.5	2176.423	1531.923	25.34914	21.9715	32	37.202	0.044352	2.617604	12.25	5274	45428.01	2.72568	84.86238

2165	1520.5	2177.643	1533.143	25.43732	21.98529	32	27.124	0.037706	2.617226	12.25	5553	56270.44	3.376227	105.1827
2166	1521.5	2178.862	1534.362	25.57657	21.93703	35	30.04	0.036654	2.61874	12.25	5830	60737.42	3.644245	112.1804
2167	1522.5	2180.081	1535.581	25.61389	21.89566	35	23.552	0.033526	2.61874	12.25	5185	59058.07	3.543484	108.873
2168	1523.5	2181.3	1536.8	25.57466	21.90255	35	32.008	0.038983	2.619497	12.25	5029	49248.41	2.954905	90.8176
2169	1524.5	2182.519	1538.019	25.45878	22.01287	35	30.106	0.03589	2.614576	12.25	4874	51941.29	3.116478	96.26589
2170	1525.5	2183.739	1539.239	25.52161	21.90945	35	14.843	0.022847	2.61874	12.25	3345	55907.06	3.354424	103.1291
2171	1526.5	2184.958	1540.458	25.38002	21.86118	35	17.009	0.024229	2.619875	12.25	4755	74907.92	4.494475	137.8747
2172	1527.5	2186.177	1541.677	25.62184	21.92324	35	30.049	0.038023	2.617983	12.25	4781	48028.74	2.881724	88.65208
2173	1528.5	2187.396	1542.896	25.71039	21.97839	35	40.014	0.050497	2.616847	12.25	4840	36627.15	2.197629	67.77696
2174	1529.5	2188.615	1544.115	25.69663	22.04045	35	45.25	0.055783	2.615711	12.25	4901	33588.79	2.015328	62.3301
2175	1530.5	2189.835	1545.335	25.68284	22.02666	35	38.978	0.053064	2.615711	12.25	4960	35734.57	2.144074	66.2705
2176	1531.5	2191.054	1546.554	25.79712	22.05424	35	46.16	0.057329	2.614576	12.25	4937	32937.07	1.976224	61.15895
2177	1532.5	2192.273	1547.773	25.75771	22.08871	40	43.582	0.055429	2.61344	12.25	4915	33929.47	2.035768	62.09266
2178	1533.5	2193.492	1548.992	25.76955	22.11629	40	37.853	0.048407	2.613819	12.25	5314	41998.5	2.51991	76.95535
2179	1534.5	2194.711	1550.211	25.80703	22.04045	40	30.623	0.042326	2.615333	12.25	5714	51618.99	3.097139	94.25898
2180	1535.5	2195.931	1551.431	25.66489	22.1025	40	36.926	0.046643	2.615711	12.25	4031	33039.61	1.982377	60.50192
2181	1536.5	2197.15	1552.65	25.5226	22.1094	40	39.067	0.050842	2.614576	12.25	4055	30504.44	1.830267	55.87696
2182	1537.5	2198.369	1553.869	25.66274	22.13008	40	43.772	0.054586	2.614197	12.25	4081	28598.62	1.715917	52.43494
2183	1538.5	2199.588	1555.088	25.7002	22.16455	40	40.26	0.051933	2.613819	12.25	3980	29319.75	1.759185	53.84086
2184	1539.5	2200.807	1556.307	25.7634	22.15766	40	37.239	0.048933	2.615711	12.25	3878	30297.94	1.817876	55.61985
2185	1540.5	2202.027	1557.527	25.6723	22.13008	40	38.852	0.048093	2.614576	12.25	4254	33831.17	2.02987	62.02871
2186	1541.5	2203.246	1558.746	25.81273	22.06803	40	31.503	0.040374	2.614954	12.25	4629	43845.06	2.630703	80.16355
2187	1542.5	2204.465	1559.965	25.79879	22.02666	40	23.311	0.033083	2.613819	12.25	5386	62284.52	3.737071	113.6636
2188	1543.5	2205.451	1560.951	25.91362	22.04045	40	29.448	0.039264	2.612683	12.25	4055	39528.92	2.371735	72.18187
2189	1544.5	2206.437	1561.937	25.87392	22.04045	40	41.896	0.050103	2.61344	12.25	5406	41285.8	2.477148	75.39004
2190	1545.5	2207.423	1562.923	25.6537	22.08182	40	36.487	0.05015	2.610412	12.25	6756	51607.48	3.096449	94.41483
2191	1546.5	2208.409	1563.909	25.79439	22.11629	40	45.893	0.056653	2.611169	12.25	7154	48360.11	2.901607	88.61197
2192	1547.5	2209.396	1564.896	25.67713	22.16455	40	43.991	0.057537	2.61079	12.25	7551	50267.05	3.016023	92.30711
2193	1548.5	2210.382	1565.882	25.89539	22.17834	40	46.312	0.058912	2.610033	12.25	7949	51696.58	3.101795	94.99127
2194	1549.5	2211.368	1566.868	25.85554	22.19213	40	45.338	0.058285	2.609276	12.25	7628	50157.47	3.009448	92.2205
2195	1550.5	2212.354	1567.854	25.89316	22.2335	40	43.989	0.056992	2.607762	12.25	7306	49157.99	2.949479	90.55131
2196	1551.5	2213.34	1568.84	25.90496	22.22661	40	44.336	0.056625	2.608141	12.25	7237	49002.67	2.94016	90.23721
2197	1552.5	2214.326	1569.826	25.94262	22.2335	40	42.584	0.054194	2.605491	12.25	7168	50764.13	3.045848	93.5099
2198	1553.5	2215.312	1570.812	26.03206	22.21971	40	37.915	0.050589	2.607005	12.25	7097	53811.87	3.228712	99.06251
2199	1554.5	2216.298	1571.798	25.99212	22.26108	40	41.54	0.051704	2.605491	12.25	6898	51204.34	3.07226	94.43778
2200	1555.5	2217.285	1572.785	26.05575	22.17834	40	36.908	0.048397	2.608519	12.25	6698	53055.6	3.183336	97.48843
2201	1556.5	2218.271	1573.771	26.11941	22.17145	40	36.397	0.046885	2.608141	12.25	6498	53138.96	3.188337	97.61125
2202	1557.5	2219.257	1574.757	26.23498	22.08871	40	36.026	0.046656	2.611547	12.25	6356	52164.62	3.129877	95.46391
2203	1558.5	2220.243	1575.743	26.24689	22.29555	40	36.954	0.046966	2.606626	12.25	6213	50750.26	3.045016	93.74526
2204	1559.5	2221.229	1576.729	26.3107	22.2404	40	35.057	0.046077	2.606626	12.25	6071	50547.03	3.032822	93.13886
2205	1560.5	2222.215	1577.715	26.06304	22.19903	40	37.574	0.046762	2.607384	12.25	5619	46084.7	2.765082	84.75854
2206	1561.5	2223.201	1578.701	25.99695	22.19213	40	32.597	0.043931	2.607762	12.25	5164	45075.78	2.704547	82.8772
2207	1562.5	2224.187	1579.687	26.03472	22.19213	40	36.793	0.047146	2.607762	12.25	4746	38602.38	2.316143	70.97509
2208	1563.5	2225.173	1580.673	26.04652	22.30245	40	39.969	0.050366	2.604355	12.25	4329	33002.64	1.980158	60.98093
2209	1564.5	2226.16	1581.66	26.11032	22.30245	40.5	38.077	0.046873	2.605112	12.25	4457	36500.08	2.190005	67.33584
2210	1565.5	2227.146	1582.646	26.27825	22.19213	40.5	26.188	0.038515	2.606626	12.25	4584	45660.59	2.739635	83.81861
2211	1566.5	2228.132	1583.632	26.15999	22.21971	40.5	36.679	0.046036	2.607384	12.25	4338	36140.26	2.168416	66.42471
2212	1567.5	2229.118	1584.618	26.22391	22.16455	40.5	41.658	0.052421	2.607005	12.25	4092	29942.56	1.796554	54.8969
2213	1568.5	2230.104	1585.604	26.07944	22.19213	40.5	41.012	0.053156	2.605869	12.25	4269	30819.43	1.849166	56.57487
2214	1569.5	2231.09	1586.59	26.22155	22.8885	41.5	42.041	0.057341	2.652808	12.25	4447	29234.56	2.783308	87.54773
2215	1570.5	2232.076	1587.576	26.12909	24.4743	41.5	58.078	0.067689	2.762585	12.25	4756	25433.71	2.551456	85.81528
2216	1571.5	2233.062	1588.562	26.16698	25.15688	41.5	41.13	0.056154	2.806117	12.25	3872	24572.57	2.498926	86.39258
2217	1572.5	2234.049	1589.549	26.15268	25.14309	41.5	39.123	0.049789	2.807631	12.25	2990	21389.36	2.304751	79.6359
2218	1573.5	2235.035	1590.535	26.24282	25.30167	41.5	34.434	0.045558	2.825423	12.25	3199	24852.42	2.515998	87.4834
2219	1574.5	2236.021	1591.521	26.25465	25.39819	41.5	35.476	0.046858	2.829208	12.25	2033	15335.2	1.935447	67.55389
2220	1575.5	2237.007	1592.507	26.29262	25.37751	41.5	42.057	0.05293	2.827694	12.25	3026	20217.97	2.233296	77.88638
2221	1576.5	2237.993	1593.493	26.35675	25.43267	41.5	42.99	0.056087	2.827694	12.25	2200	13871.74	1.846176	64.52549
2222	1577.5	2238.979	1594.479	26.3163	25.43267	41.5	47.391	0.056518	2.827694	12.25	1377	8616.197	1.525588	53.32065
2223	1578.5	2239.965	1595.465	26.2758	25.42577	41.5	30.864	0.044076	2.827315	12.25	1251	10038.73	1.612362	56.33821
2224	1579.5	2240.951	1596.451	26.23526	25.42577	41.5	34.583	0.044661	2.828451	12.25	1404	11114.48	1.677983	58.63109
2225	1580.5	2241.937	1597.437	26.40422	25.46025	41.5	38.96	0.049579	2.82618	12.25	1386	9891.55	1.603385	56.10048
2226	1581.5	2242.924	1598.424	26.54712	25.45335	41.5	40.655	0.050296	2.82618	12.25	1370	9637.972	1.587916	55.54421
2227	1582.5	2243.91	1599.41	26.53283	25.41888	41.5	32.84	0.044884	2.828072	12.25	1136	8949.358	1.545911	54.00165
2228	1583.5	2244.896	1600.396	26.3349	25.42577	41.5	37.182	0.045572	2.818987	12.25	1165	9068.42	1.553174	54.27007
2229	1584.5	2245.882	1601.382	26.47793	25.39819	41.5	30.835	0.042916	2.827694	12.25	1197	9863.734	1.601688	55.90452
2230	1585.5	2246.868	1602.368	26.41105	25.46025	41.5	39.501	0.047119	2.828072	12.25	962	7219.248	1.440374	50.39694
2231	1586.5	2247.854	1603.354	26.50169	25.41888	41.5	30.771	0.041265	2.827315	12.25	1318	11296.81	1.689106	59.00372
2232	1587.5	2248.84	1604.34	26.46102	25.41888	41.5	29.744	0.039917	2.826558	12.25	1582	14021.43	1.855307	64.80947
2233	1588.5	2249.826	1605.326	26.44658	25.42577	41.5	36.297	0.044641	2.826937	12.25	1642	13011.46	1.793699	62.67436
2234	1589.5	2250.813	1606.313	26.45843	25.45335	41.5	33.129	0.043229	2.826558	12.25	1831	14984.82	1.914074	66.95298
2235	1590.5	2251.799	1607.299	26.12821	25.37062	41.5	32.67	0.036157	2.829965	12.25	2018	19721.87	2.203034	76.81012
2236	1591.5	2252.785	1608.285	26.56108	25.30167	41.5	4.711	0.019123	2.830722	12.25	2280	42118.53	3.56923	124.1052
2237	1592.5	2253.771	1609.271	26.5993	25.30167	41.5	37.616	0.041503	2.829965	12.25	2351	20016.45	2.221003	77.22619
2238	1593.5	2254.757	1610.257	26.63754	25.36372	41.5	38.264	0.049259	2.828072	12.25	2969	21312.66	2.300072	80.17161
2239	1594.5	2255.743	1611.243	26.59672	25.34993	41.5	38.912	0.051434	2.828451	12.25	2628	18064.6	2.101941	73.22568
2240	1595.5	2256.729	1612.229	26.6086	25.3844	41.5	45.81	0.055373	2.828072	12.25	1989	12701.14	1.77477	61.91205
2241	1596.5	2257.715	1613.215	26.67324	25.13619	41.5	35.932	0.053245	2.811417	12.25	1472	9833.352	1.599834	55.26381
2242	1597.5	2258.701	1614.201	26.73794	25.10861	41.5	58.627	0.069049	2.807253	12.25	953	4916.444	1.299903	44.85387
2243	1598.5	2259.688	1615.188	26.61783	25.17067	41.5	51.385	0.062115	2.80536	12.25	1547	8877.765	1.541544	53.32327
2244	1599.5	2260.674	1616.174	26.57686	25.10861	41.5	25.339	0.042636	2.809145	12.25	1318	11004.33	1.671264	57.66789

2245	1600.5	2261.66	1617.16	26.77371	25.24651	41.5	45.977	0.057603	2.811795	12.25	1994	12311.11	1.750978	60.75026
2246	1601.5	2262.646	1618.146	26.70631	25.27409	41.5	59.228	0.069247	2.809902	12.25	2669	13716.94	1.836733	63.79518
2247	1602.5	2263.632	1619.132	26.63884	25.26719	41.5	39.856	0.054071	2.810281	12.25	3347	22026.26	2.343602	81.37802
2248	1603.5	2264.618	1620.118	26.70363	25.27409	41.5	33.362	0.044226	2.809524	12.25	3877	31202.53	2.903354	100.8421
2249	1604.5	2265.604	1621.104	26.68903	25.2603	41.5	32.822	0.04413	2.809524	12.25	4410	35568.96	3.169707	110.0332
2250	1605.5	2266.59	1622.09	26.85983	25.2603	41.5	41.031	0.052052	2.808767	12.25	4797	32810.71	3.001453	104.1925
2251	1606.5	2267.577	1623.077	26.79227	25.31546	41.5	45.658	0.055702	2.807631	12.25	5185	33153.93	3.02239	105.1484
2252	1607.5	2268.563	1624.063	26.80417	25.30167	44	35.954	0.049502	2.808388	12.25	5572	40080.05	3.444883	118.8373
2253	1608.5	2269.549	1625.049	26.8426	25.31546	44	41.246	0.052457	2.808767	12.25	5654	38374.28	3.340831	115.3107
2254	1609.5	2270.535	1626.035	26.64222	25.32235	44	43.551	0.05484	2.80801	12.25	5735	37242.62	3.2718	112.9588
2255	1610.5	2271.521	1627.021	26.70714	25.39819	44	40.146	0.052897	2.807631	12.25	5817	39167.5	3.389217	117.3631
2256	1611.5	2272.507	1628.007	26.53307	25.44646	44	42.408	0.053911	2.804603	12.25	6448	42645.94	3.601402	124.9477
2257	1612.5	2273.493	1628.993	26.54483	25.3844	44	41.489	0.052431	2.806496	12.25	7080	48115.2	3.935027	136.1896
2258	1613.5	2274.479	1629.979	26.39709	25.34993	44	36.005	0.048179	2.807631	12.25	7711	57005.03	4.477307	154.7472
2259	1614.5	2275.465	1630.965	26.35559	25.32925	44	39.043	0.04935	2.806874	12.25	7181	51840.72	4.162284	143.7418
2260	1615.5	2276.452	1631.952	26.28744	25.32235	44	37.835	0.047939	2.807253	12.25	6652	49428.68	4.01515	138.6229
2261	1616.5	2277.438	1632.938	26.24583	25.32235	44	33.052	0.044222	2.80801	12.25	6497	52320.84	4.191571	144.7139
2262	1617.5	2278.424	1633.924	26.23081	25.29477	44	36.067	0.047333	2.807253	12.25	6344	47744.12	3.912391	134.9281
2263	1618.5	2279.41	1634.91	26.37561	25.32235	44	43.288	0.053011	2.806496	12.25	6192	41619.88	3.538813	122.1774
2264	1619.5	2280.396	1635.896	26.30731	25.41198	44	37.854	0.04868	2.804224	12.25	5816	42605.47	3.598934	124.6929
2265	1620.5	2281.382	1636.882	26.42559	25.3913	44	32.181	0.0446	2.804603	12.25	5443	43513.94	3.65435	126.5098
2266	1621.5	2282.368	1637.868	26.3839	25.22583	44	41.295	0.05017	2.809524	12.25	5189	36813.61	3.24563	111.6281
2267	1622.5	2283.354	1638.854	26.42224	25.59814	44	36.47	0.048882	2.801575	12.25	4936	36043.05	3.198626	111.6352
2268	1623.5	2284.341	1639.841	26.5941	25.60504	44	40.655	0.05153	2.800439	12.25	4683	32451.66	2.979552	104.0173
2269	1624.5	2285.327	1640.827	26.60582	25.47404	44	41.081	0.052881	2.803089	12.25	4577	30877.56	2.883531	100.1502
2270	1625.5	2286.313	1641.813	26.69772	25.40509	46.5	41.489	0.050801	2.804603	12.25	4473	31394.33	2.915054	100.1813
2271	1626.5	2287.299	1642.799	26.81643	25.32925	46.5	29.738	0.039699	2.806874	12.25	4334	38893.85	3.372525	115.5571
2272	1627.5	2288.285	1643.785	26.56075	25.26719	46.5	24.59	0.032913	2.808388	12.25	4083	44172.95	3.69455	126.2809
2273	1628.5	2289.089	1644.589	26.43865	25.39819	46.5	25.302	0.038099	2.815581	12.25	1493	13918.16	1.849008	63.52736
2274	1629.5	2289.894	1645.394	26.39674	25.48093	46.5	51.772	0.05965	2.818987	12.25	1523	9057.22	1.55249	53.51352
2275	1630.5	2290.698	1646.198	26.24764	25.52919	46.5	45.627	0.059085	2.817095	12.25	1551	9318.283	1.568415	54.16484
2276	1631.5	2291.502	1647.002	26.25918	25.59814	46.5	41.101	0.055059	2.813309	12.25	1864	12033.65	1.734053	60.04682
2277	1632.5	2292.307	1647.807	26.2171	25.56367	46.5	46.589	0.058113	2.813309	12.25	1726	10557.21	1.64399	56.85145
2278	1633.5	2293.111	1648.611	26.17498	25.54988	46.5	43.396	0.058037	2.812931	12.25	1397	8557.285	1.521994	52.60429
2279	1634.5	2293.915	1649.415	26.24013	25.53609	46.5	50.323	0.06276	2.812931	12.25	2145	12150.34	1.741171	60.14715
2280	1635.5	2294.72	1650.22	26.35901	25.53609	46.5	47.821	0.062196	2.811038	12.25	2754	15752.05	1.960875	67.73662
2281	1636.5	2295.524	1651.024	26.07518	25.54988	46.5	48.274	0.061963	2.811795	12.25	3303	18958.1	2.156444	74.5326
2282	1637.5	2296.328	1651.828	26.32841	25.55677	46.5	47.878	0.061288	2.81066	12.25	3041	17653.61	2.07687	71.80168
2283	1638.5	2297.133	1652.633	26.42058	25.57056	46.5	45.864	0.059078	2.809524	12.25	2779	16742.94	2.02132	69.91889
2284	1639.5	2297.937	1653.437	26.35148	25.5223	46.5	44.015	0.058015	2.809902	12.25	3072	18844.63	2.149522	74.21318
2285	1640.5	2298.742	1654.242	26.38992	25.50851	49	48.473	0.061317	2.811038	12.25	3120	18101.29	2.104179	72.04494
2286	1641.5	2299.546	1655.046	26.23999	25.51541	49	47.877	0.061335	2.81066	12.25	3168	18376.71	2.12098	72.63982
2287	1642.5	2300.35	1655.85	26.46687	25.53609	49	45.889	0.059585	2.809902	12.25	3167	18915.6	2.153852	73.82543
2288	1643.5	2301.155	1656.655	26.53231	25.52919	49	46.28	0.060035	2.812174	12.25	3166	18752.82	2.143922	73.46525
2289	1644.5	2301.959	1657.459	26.62475	25.54298	49	48.8	0.059903	2.811795	12.25	3139	18636.43	2.136822	73.2615
2290	1645.5	2302.763	1658.263	26.63638	25.48093	49	37.713	0.05071	2.812174	12.25	3115	21843.56	2.332457	79.77464
2291	1646.5	2303.568	1659.068	26.67499	25.44646	49	36.696	0.04717	2.814445	12.25	3312	24947.59	2.521803	86.13395
2292	1647.5	2304.372	1659.872	26.7406	25.41888	49	35.354	0.045507	2.814445	12.25	3510	27405.47	2.671734	91.15603
2293	1648.5	2305.176	1660.676	26.86025	25.3913	49	33.986	0.043798	2.814823	12.25	3449	27975.9	2.70653	92.24304
2294	1649.5	2305.981	1661.481	26.84495	25.3913	49	32.837	0.042098	2.815202	12.25	3181	26840.48	2.637269	89.88252
2295	1650.5	2306.785	1662.285	27.01877	25.34993	49	30.877	0.040193	2.815581	12.25	2915	25758.49	2.571268	87.49031
2296	1651.5	2307.589	1663.089	27.0846	25.34304	49	30.986	0.039446	2.815581	12.25	2914	26237.06	2.60046	88.45955
2297	1652.5	2308.394	1663.894	27.17752	25.34304	49	29.03	0.0379	2.815202	12.25	2914	27311.03	2.665973	90.68809
2298	1653.5	2309.198	1664.698	27.18936	25.34993	49	29.539	0.037457	2.815959	12.25	2296	21767.85	2.327839	79.20736
2299	1654.5	2310.002	1665.502	27.30945	25.34993	49	27.392	0.034736	2.815202	12.25	2304	23561.29	2.437238	82.9298
2300	1655.5	2310.807	1666.307	26.94224	25.31546	49	22.788	0.028904	2.815581	12.25	2468	30326.62	2.849924	96.84001
2301	1656.5	2311.611	1667.111	27.06232	25.37751	49	16.17	0.029603	2.824287	12.25	2631	31468.6	2.919585	99.45026
2302	1657.5	2312.415	1667.915	27.20958	26.06009	49	50.505	0.056565	2.842835	12.25	1178	7325.604	1.446862	50.61029
2303	1658.5	2313.22	1668.72	27.35697	26.02562	49	45.449	0.060435	2.844728	12.25	1253	7288.169	1.444578	50.46357
2304	1659.5	2314.024	1669.524	27.4231	26.07388	49	49.376	0.061479	2.843971	12.25	1449	8287.384	1.50553	52.69034
2305	1660.5	2314.828	1670.328	27.40786	26.02562	49	43.587	0.059632	2.845107	12.25	1643	9684.046	1.590727	55.56899
2306	1661.5	2315.633	1671.133	27.36546	26.09456	49	54.21	0.064851	2.842457	12.25	1839	9976.268	1.608552	56.34055
2307	1662.5	2316.437	1671.937	27.40448	26.03941	49	41.832	0.058334	2.845107	12.25	2053	12369.95	1.754567	61.3249
2308	1663.5	2317.242	1672.742	27.41636	26.0532	50	50.345	0.060436	2.845485	12.25	2267	13182.57	1.804137	62.89561
2309	1664.5	2318.046	1673.546	27.42824	26.02562	50	38.467	0.050801	2.84435	12.25	2286	15820.45	1.965047	68.43273
2310	1665.5	2318.85	1674.35	27.35853	25.99804	50	32.561	0.050747	2.842835	12.25	2304	15970.64	1.974209	68.67894
2311	1666.5	2319.655	1675.155	27.42479	25.48093	50	67.809	0.070498	2.811795	12.25	1556	7849.637	1.478828	50.42231
2312	1667.5	2320.459	1675.959	27.30056	25.49472	50	24.779	0.041598	2.811038	12.25	1425	12186.44	1.743373	59.47444
2313	1668.5	2321.263	1676.763	27.36683	25.37751	50	26.954	0.036609	2.813688	12.25	1605	15581.37	1.950464	66.23335
2314	1669.5	2322.068	1677.568	27.37866	25.39819	50	38.034	0.045105	2.812931	12.25	1852	14596.92	1.890412	64.24645
2315	1670.5	2322.872	1678.372	27.22697	25.43267	50	31.133	0.043179	2.812174	12.25	2099	17286.32	2.054466	69.91665
2316	1671.5	2323.676	1679.176	27.40233	25.48783	50	38.68	0.045025	2.811417	12.25	2797	22096.21	2.347869	80.0749
2317	1672.5	2324.481	1679.981	27.30505	25.46025	50	23.997	0.037312	2.810281	12.25	2699	25739.68	2.57012	87.56002
2318	1673.5	2325.285	1680.785	27.42599	25.37751	50	39.236	0.043818	2.813309	12.25	2601	21099.46	2.287067	77.66364
2319	1674.5	2326.089	1681.589	27.0283	25.3913	50	23.285	0.035853	2.812174	12.25	2550	25291.12	2.542758	86.39326
2320	1675.5	2326.894	1682.394	27.1219	25.40509	50	34.729	0.04144	2.813688	12.25	2586	22178.32	2.352877	79.98524
2321	1676.5	2327.698	1683.198	27.21556	25.52919	50	30.944	0.042873	2.81823	12.25	2622	21700.52	2.323732	79.38034
2322	1677.5	2328.502	1684.002	26.95392	25.55677	50	41.318	0.047371	2.823908	12.25	2715	20296.03	2.238058	76.53625
2323	1678.5	2329.307	1684.807	27.07492	25.53609	50	24.568	0.035907	2.82353	12.25	2809	27706.57	2.690101	91.92058
2324	1679.5	2330.111	1685.611	26.94978	25.50162	50	27.764	0.035999	2.824665	12.25	2949	29000.9	2.769055	94.49071

2325	1680.5	2330.915	1686.415	26.934	25.48783	50	32.162	0.042435	2.825801	12.25	2988	24917.92	2.519993	85.94526
2326	1681.5	2331.72	1687.22	26.80867	25.56367	50	41.37	0.049366	2.823908	12.25	3082	22108.1	2.348594	80.33798
2327	1682.5	2332.524	1688.024	26.95717	25.22583	50	32.444	0.042446	2.837157	12.25	3175	26364.46	2.608232	88.04028
2328	1683.5	2333.328	1688.828	26.72209	25.51541	50	26.688	0.033972	2.825801	12.25	3081	32094.45	2.957761	100.9847
2329	1684.5	2334.133	1689.633	26.81583	25.45335	50	19.14	0.028378	2.829965	12.25	2106	26223.97	2.599662	88.54248
2330	1685.5	2334.937	1690.437	26.8822	26.02562	50	29.015	0.035351	2.852677	12.25	2997	29718.8	2.812847	97.95732
2331	1686.5	2335.741	1691.241	26.81141	26.0532	50	29.564	0.038904	2.853435	12.25	3887	35014.93	3.135911	109.3237
2332	1687.5	2336.546	1692.046	26.65819	26.10146	50	34.052	0.044648	2.843214	12.25	5339	42057.56	3.565511	124.5307
2333	1688.5	2337.35	1692.85	26.75202	26.00493	50	42.325	0.047892	2.853056	12.25	6790	49693.04	4.031276	140.2775
2334	1689.5	2338.155	1693.655	26.59862	25.94288	50	19.863	0.04037	2.853813	12.25	9441	81948.03	5.99883	208.245
2335	1690.5	2338.959	1694.459	26.58252	25.93599	50	66.377	0.068433	2.851163	12.25	11303	57930.3	4.533749	157.3439
2336	1691.5	2339.763	1695.263	26.4839	26.00493	50	33.581	0.052884	2.851163	12.25	13164	87305.19	6.325617	220.1144
2337	1692.5	2340.568	1696.068	26.52275	25.99114	50	45.781	0.054966	2.85192	12.25	15026	95854.34	6.847115	238.1348
2338	1693.5	2341.372	1696.872	26.47905	26.0463	50	39.48	0.054027	2.847756	12.25	16552	107581.5	7.562472	263.5722
2339	1694.5	2342.176	1697.676	26.51791	26.06009	50	48.107	0.060243	2.848514	12.25	18076	105336.5	7.425527	258.9364
2340	1695.5	2342.981	1698.481	26.52925	26.10835	50	48.871	0.063257	2.844728	12.25	19462	108152.4	7.597294	265.4167
2341	1696.5	2343.785	1699.285	26.54059	26.10146	50	51.238	0.06506	2.847756	12.25	20848	112523.9	7.863955	274.6601
2342	1697.5	2344.589	1700.089	26.55193	26.12904	50	49.41	0.060443	2.843214	12.25	22234	129377.6	8.892034	310.8955
2343	1698.5	2345.394	1700.894	26.56326	26.0532	50	32.836	0.042316	2.847756	12.25	22710	188456.8	12.49587	435.6294
2344	1699.5	2346.198	1701.698	26.5746	25.94288	50	16.471	0.028046	2.850406	12.25	23183	289997.1	18.68982	648.8035
2345	1700.5	2347.17	1702.67	26.58594	25.95667	50	31.996	0.039047	2.850028	12.25	15033	135084.7	9.240167	320.9361
2346	1701.5	2348.142	1703.642	26.62489	26.13593	50	37.536	0.04521	2.843971	12.25	13919	108255.8	7.603602	265.9177
2347	1702.5	2349.114	1704.614	26.63624	25.93599	50	28.573	0.038736	2.850406	12.25	12804	115964.5	8.073833	280.2027
2348	1703.5	2350.086	1705.586	26.64759	26.08078	50	28.712	0.040795	2.844728	12.25	10486	90357.03	6.511779	227.2532
2349	1704.5	2351.058	1706.558	26.65894	26.06009	50	46.716	0.056561	2.846242	12.25	8168	50737.41	4.094982	142.7966
2350	1705.5	2352.03	1707.53	26.61496	26.03941	50	48.042	0.060673	2.847378	12.25	8004	46330.13	3.826138	133.3158
2351	1706.5	2353.002	1708.502	26.62628	26.09456	50	43.902	0.055441	2.84435	12.25	7837	49697.23	4.031531	140.7699
2352	1707.5	2353.974	1709.474	26.3884	26.07388	50	34.751	0.042779	2.846999	12.25	7671	62985.15	4.842094	168.9385
2353	1708.5	2354.946	1710.446	26.67664	25.98425	50	16.476	0.026953	2.849649	12.25	4730	61583.87	4.756616	165.3858
2354	1709.5	2355.918	1711.418	26.96511	25.89462	50	24.966	0.034214	2.853435	12.25	3843	39364.26	3.40122	117.8512
2355	1710.5	2356.89	1712.39	26.94884	25.89462	50	43.123	0.049183	2.854949	12.25	1854	13203.64	1.805422	62.55731
2356	1711.5	2357.861	1713.361	26.90481	25.90841	50	31.775	0.046317	2.853435	12.25	2023	15306.83	1.933716	67.03834
2357	1712.5	2358.833	1714.333	26.88848	25.83256	50	45.652	0.057166	2.855706	12.25	2413	14781.06	1.901645	65.73349
2358	1713.5	2359.805	1715.305	26.89988	26.07388	50	52.056	0.066852	2.83905	12.25	2802	14763.12	1.90055	66.30935
2359	1714.5	2360.777	1716.277	27.13347	26.26004	50	57.709	0.074999	2.857977	12.25	2917	13608.82	1.830138	64.30859
2360	1715.5	2361.749	1717.249	27.0894	26.26693	50	66.664	0.079669	2.857977	12.25	3033	13320.6	1.812556	63.70752
2361	1716.5	2362.721	1718.221	26.93411	26.17041	50	46.956	0.065183	2.857977	12.25	3443	18481.92	2.127397	74.49873
2362	1717.5	2363.693	1719.193	27.08455	26.26004	50	49.314	0.063132	2.857977	12.25	3164	17535.78	2.069683	72.72588
2363	1718.5	2364.665	1720.165	27.15166	26.21178	50	50.035	0.063698	2.857977	12.25	2882	15830.99	1.96569	68.94477
2364	1719.5	2365.637	1721.137	26.99616	26.22557	50	47.43	0.066171	2.857977	12.25	2934	15514.41	1.946379	68.30336
2365	1720.5	2366.609	1722.109	27.42523	26.21178	50	68.653	0.083801	2.857977	12.25	2984	12459.18	1.76001	61.73073
2366	1721.5	2367.581	1723.081	27.35326	26.23246	50	68.538	0.08452	2.857977	12.25	2817	11661.91	1.711376	60.07232
2367	1722.5	2368.553	1724.053	27.50415	26.23935	50	51.124	0.067214	2.857977	12.25	2647	13779.53	1.840552	64.62357
2368	1723.5	2369.525	1725.025	27.57153	26.17041	50	40.237	0.054254	2.857977	12.25	4016	25900.25	2.579916	90.34534
2369	1724.5	2370.497	1725.997	27.4995	26.15662	50	40.794	0.051716	2.857977	12.25	5384	36426.59	3.222022	112.7716
2370	1725.5	2371.469	1726.969	27.12048	26.14283	50	37.626	0.048987	2.857977	12.25	7263	51877.22	4.16451	145.6821
2371	1726.5	2372.441	1727.941	27.13193	26.0532	50	37.02	0.046631	2.823151	12.25	8060	61224.99	4.734724	165.0614
2372	1727.5	2373.413	1728.913	27.14337	26.0463	50	31.63	0.04323	2.822773	12.25	8433	69106.12	5.215473	181.7731
2373	1728.5	2374.385	1729.885	27.518	26.12214	50	37.948	0.048721	2.821637	12.25	8803	64034.77	4.906121	171.4893
2374	1729.5	2375.357	1730.857	27.61344	26.16351	50	43.655	0.053988	2.819744	12.25	8020	52682.35	4.213623	147.5168
2375	1730.5	2376.329	1731.829	27.45731	26.1842	50	39.06	0.05071	2.818987	12.25	7239	50640.13	4.089048	143.2687
2376	1731.5	2377.301	1732.801	27.10523	26.26693	50	36.452	0.046632	2.815581	12.25	7495	57084.94	4.482181	157.5392
2377	1732.5	2378.273	1733.773	27.06067	26.23246	50	32.473	0.043201	2.81823	12.25	7751	63662.35	4.883403	171.416
2378	1733.5	2379.244	1734.744	27.01606	26.15662	50	35.009	0.044016	2.820502	12.25	5814	46831.35	3.856712	134.986
2379	1734.5	2380.216	1735.716	27.02742	26.21867	50	32.641	0.043211	2.817095	12.25	5174	42503.95	3.592741	126.0452
2380	1735.5	2381.188	1736.688	27.03878	26.26004	50	35.825	0.040665	2.816338	12.25	4532	39571.67	3.413872	119.9589
2381	1736.5	2382.16	1737.66	27.1062	26.23246	50	13.59	0.02417	2.817095	12.25	4944	72609.55	5.429183	190.5738
2382	1737.5	2383.132	1738.632	27.28585	26.14972	50	22.468	0.030026	2.819744	12.25	2643	31216.66	2.904216	101.6216
2383	1738.5	2384.104	1739.604	27.10092	26.17041	50	36.484	0.044913	2.819744	12.25	3951	31198.19	2.90309	101.6625
2384	1739.5	2385.076	1740.576	26.88776	26.21178	50	40.924	0.048335	2.81823	12.25	5260	38613.95	3.355451	117.6893
2385	1740.5	2386.048	1741.548	26.92712	26.22557	50	25.101	0.045208	2.817852	12.25	4821	37844.22	3.308497	116.1035
2386	1741.5	2387.02	1742.52	27.21931	25.99804	50	69.379	0.073878	2.798546	12.25	4383	21199.28	2.293156	79.77448
2387	1742.5	2387.992	1743.492	27.20261	25.66709	50	41.715	0.057566	2.767127	12.25	4049	25418.75	2.550544	87.59902
2388	1743.5	2388.964	1744.464	27.35458	25.57056	50	32.063	0.051801	2.761828	12.25	4001	27966.06	2.705929	92.58626
2389	1744.5	2389.936	1745.436	27.47853	25.53609	50	71.468	0.077288	2.769399	12.25	3954	18473.08	2.126858	72.6746
2390	1745.5	2391.225	1746.725	27.37749	25.55677	50	42.288	0.060829	2.767127	12.25	3906	23205.76	2.415551	82.60609
2391	1746.5	2392.513	1748.013	27.47339	25.59814	50	42.889	0.056904	2.765613	12.25	4016	25518.9	2.556653	87.57297
2392	1747.5	2393.802	1749.302	27.76649	25.57746	50	51.372	0.062835	2.76637	12.25	4127	23742.18	2.448273	83.79287
2393	1748.5	2395.09	1750.59	27.63723	25.61193	50	44.485	0.062062	2.764478	12.25	4236	24689.77	2.506076	85.88678
2394	1749.5	2396.379	1751.879	27.73333	25.64641	50	59.946	0.071867	2.764478	12.25	4076	20515.95	2.251473	77.26503
2395	1750.5	2397.667	1753.167	27.74492	25.67398	50	50.688	0.067365	2.764478	12.25	3918	21038.55	2.283351	78.4433
2396	1751.5	2398.956	1754.456	27.50263	25.6533	50	51.277	0.066623	2.763342	12.25	3758	20412.63	2.245171	77.06948
2397	1752.5	2400.244	1755.744	27.96562	25.71535	50	54.719	0.068113	2.763721	12.25	3579	19012.45	2.159759	74.31691
2398	1753.5	2401.533	1757.033	27.83613	25.68088	50	47.307	0.063651	2.762206	12.25	3397	19321.07	2.178585	74.86421
2399	1754.5	2402.821	1758.321	27.6218	25.67398	50	52.719	0.06642	2.764099	12.25	3482	18966.12	2.156934	74.10028
2400	1755.5	2404.11	1759.61	27.94412	25.63951	50	51.385	0.065755	2.764099	12.25	3569	19636.39	2.19782	75.40352
2401	1756.5	2405.398	1760.898	28.01229	25.63951	50	48.213	0.059278	2.764099	12.25	3654	22300.95	2.360358	80.97994
2402	1757.5	2406.687	1762.187	28.16535	25.54988	50	32.044	0.047894	2.766749	12.25	4060	30639.02	2.86898	98.08582
2403	1758.5	2407.975	1763.475	28.14879	25.61193	50	46.835	0.054616	2.764856	12.25	4465	29568.21	2.803661	96.08545
2404	1759.5	2409.264	1764.764	28.1039	25.57746	50	35.172	0.050499	2.765613	12.25	4350	31146.68	2.899947	99.25155

2405	1760.5	2410.552	1766.052	28.39873	25.60504	50	47.844	0.059767	2.767127	12.25	4234	25601.32	2.561681	87.76881
2406	1761.5	2411.841	1767.341	28.38221	25.6533	50	52.012	0.064556	2.763342	12.25	4401	24670.7	2.504913	85.98558
2407	1762.5	2413.129	1768.629	28.28066	25.63951	50	44.989	0.056026	2.761828	12.25	4567	29515.07	2.800419	96.0777
2408	1763.5	2414.418	1769.918	28.2924	25.56367	50	29.158	0.040507	2.764856	12.25	4459	39814.25	3.428669	117.2839
2409	1764.5	2415.706	1771.206	28.24743	25.52919	50	27.172	0.03677	2.762963	12.25	4351	42826.82	3.612436	123.4034
2410	1765.5	2416.995	1772.495	28.34428	25.50162	50	33.533	0.040478	2.764099	12.25	3453	30861.73	2.882566	98.36413
2411	1766.5	2418.283	1773.783	28.44119	25.47404	50	27.357	0.037675	2.765235	12.25	824	7909.337	1.48247	50.5328
2412	1767.5	2419.283	1774.783	28.48138	25.49472	50	32.635	0.040476	2.763721	12.25	890	7956.112	1.485323	50.67117
2413	1768.5	2420.283	1775.783	28.43638	25.50162	50	30.752	0.044082	2.765235	12.25	2128	17457.26	2.064893	70.46201
2414	1769.5	2421.283	1776.783	28.56184	25.98425	50	49.815	0.05587	2.799303	12.25	2080	13299.5	1.811269	62.97715
2415	1770.5	2422.283	1777.783	28.57367	26.14283	50	30.386	0.046496	2.798168	12.25	2034	15633.84	1.953664	68.34274
2416	1771.5	2423.283	1778.783	28.72772	26.14283	50	45.347	0.051504	2.798168	12.25	2130	14779.63	1.901558	66.51994
2417	1772.5	2424.283	1779.783	28.6827	26.13593	50	28.276	0.040239	2.797032	12.25	2052	18231.98	2.112151	73.8674
2418	1773.5	2425.283	1780.783	28.69457	26.14283	50	29.094	0.036709	2.797411	12.25	1974	19222.87	2.172595	76.00132
2419	1774.5	2426.283	1781.783	28.59252	26.14283	50	26.441	0.035347	2.797789	12.25	2527	25552.59	2.558708	89.50825
2420	1775.5	2427.283	1782.783	28.74679	26.10146	50	29.888	0.036994	2.797789	12.25	2323	22444.43	2.36911	82.74464
2421	1776.5	2428.283	1783.783	28.75867	26.11525	50	26.426	0.035444	2.798168	12.25	1708	17221.73	2.050525	71.65544
2422	1777.5	2429.283	1784.783	28.77055	26.08078	50	29.603	0.03777	2.798168	12.25	1094	10351.22	1.631425	56.93474
2423	1778.5	2430.283	1785.783	28.78243	26.10146	50	31.202	0.041153	2.798925	12.25	1258	10921.55	1.666215	58.19499
2424	1779.5	2431.283	1786.783	28.85138	26.10835	50	37.396	0.048764	2.797789	12.25	1176	8619.783	1.525807	53.30511
2425	1780.5	2432.283	1787.783	28.74909	26.19109	50	46.491	0.057477	2.796275	12.25	1093	6800.538	1.414833	49.5848
2426	1781.5	2433.283	1788.783	28.6467	26.23246	50	44.53	0.060003	2.794761	12.25	1148	6845.785	1.417593	49.76
2427	1782.5	2434.283	1789.783	28.74422	26.28762	50	55.051	0.069447	2.793625	12.25	1203	6200.763	1.378247	48.4806
2428	1783.5	-9999	-9999	28.78465	26.21178	50	58.943	0.074376	2.793247	12.25	1229	5915.782	1.360863	47.731
2429	1784.5	-9999	-9999	28.68212	26.41172	50	55.826	0.069942	2.792111	12.25	1255	6426.516	1.392017	49.19616
2430	1785.5	-9999	-9999	28.75115	26.4393	50	43.736	0.05828	2.788326	12.25	1272	7827.542	1.47748	52.27107
2431	1786.5	-9999	-9999	28.56264	26.28762	50	40.86	0.053392	2.792111	12.25	1292	8666.728	1.52867	53.77184
2432	1787.5	-9999	-9999	28.68892	26.27383	50	41.672	0.054255	2.792868	12.25	1452	9582.528	1.584534	55.70764
2433	1788.5	-9999	-9999	28.81529	26.35657	50	45.321	0.055336	2.790975	12.25	1460	9453.366	1.576655	55.6052
2434	1789.5	-9999	-9999	29.02772	26.28072	50	34.955	0.048002	2.792111	12.25	1350	10072.57	1.614427	56.77347
2435	1790.5	-9999	-9999	28.98231	26.23935	50	38.587	0.046045	2.794004	12.25	1335	10376.95	1.632994	57.33603
2436	1791.5	-9999	-9999	29.02289	26.21178	50	25.304	0.038209	2.793247	12.25	1320	12368.13	1.754456	61.53593
2437	1792.5	-9999	-9999	28.97742	26.1773	50	38.279	0.046009	2.794004	12.25	1209	9405.05	1.573708	55.12376
2438	1793.5	-9999	-9999	28.8745	26.21178	50	36.016	0.047811	2.793247	12.25	1039	7780.014	1.474581	51.71956
2439	1794.5	-9999	-9999	29.11606	26.21178	50	40.493	0.050107	2.793247	12.25	1071	7652.126	1.46678	51.44594
2440	1795.5	-9999	-9999	29.18545	26.20488	50	35.55	0.046539	2.794004	12.25	1102	8474.938	1.516971	53.19237
2441	1796.5	-9999	-9999	29.25489	26.23246	50	34.216	0.046467	2.79249	12.25	1168	9001.284	1.549078	54.37537
2442	1797.5	-9999	-9999	29.29562	26.26693	50	44.16	0.056047	2.793247	12.25	1179	7531.057	1.459394	51.29463
2443	1798.5	-9999	-9999	29.33638	26.27383	50	50.365	0.065615	2.79249	12.25	1189	6489.113	1.395836	49.07356
2444	1799.5	-9999	-9999	29.40593	26.3152	50	60.199	0.066276	2.792111	12.25	1058	5717.347	1.348758	47.4931
2445	1800.5	-9999	-9999	29.38918	26.78404	50	17.739	0.03249	2.814823	12.25	1086	11874.88	1.724367	61.80103
2446	1801.5	-9999	-9999	29.34361	26.79094	50	20.274	0.028112	2.823151	12.25	1200	15119.91	1.922314	68.91315
2447	1802.5	-9999	-9999	29.38441	26.75646	50	32.191	0.040588	2.824287	12.25	1431	12483.48	1.761492	63.06658
2448	1803.5	-9999	-9999	29.42524	26.75646	50	40.133	0.05126	2.822016	12.25	1702	11765.71	1.717708	61.49897
2449	1804.5	-9999	-9999	29.43726	26.81851	50	46.191	0.055161	2.822016	12.25	1973	12674.68	1.773155	63.63137
2450	1805.5	-9999	-9999	29.44928	26.8392	50	32.196	0.047505	2.820502	12.25	1929	14396.68	1.878197	67.45289
2451	1806.5	-9999	-9999	29.4613	26.82541	50	46.438	0.055796	2.82088	12.25	1886	11982.65	1.730942	62.13247
2452	1807.5	-9999	-9999	29.47332	26.82541	50	42.106	0.056024	2.819744	12.25	1843	11666.53	1.711658	61.44028
2453	1808.5	-9999	-9999	29.48534	26.86678	50	46.254	0.057917	2.818609	12.25	1947	11926.83	1.727537	62.10587
2454	1809.5	-9999	-9999	29.49736	26.82541	50	42.817	0.05747	2.82088	12.25	2051	12651.46	1.771739	63.5969
2455	1810.5	-9999	-9999	29.50938	26.85988	50	50.333	0.064145	2.817852	12.25	2155	11922.41	1.727267	62.08023
2456	1811.5	-9999	-9999	29.5214	26.84609	50	54.819	0.068145	2.819744	12.25	2130	11084.95	1.676182	60.21325
2457	1812.5	-9999	-9999	29.53342	26.86678	50	48.002	0.06365	2.818609	12.25	2105	11733.2	1.715725	61.68123
2458	1813.5	-9999	-9999	29.54544	26.92194	50	49.834	0.061115	2.816716	12.25	2079	12077.22	1.73671	62.56385
2459	1814.5	-9999	-9999	29.55746	26.90125	50	37.504	0.051629	2.817095	12.25	1845	12685.2	1.773797	63.85079
2460	1815.5	-9999	-9999	29.56948	26.88057	50	40.784	0.051842	2.818609	12.25	1611	11024.99	1.672525	60.15902
2461	1816.5	-9999	-9999	29.5815	26.95641	50	40.985	0.051392	2.819366	12.25	1675	11560.28	1.705177	61.50655
2462	1817.5	-9999	-9999	29.59352	26.98399	50	34.803	0.04548	2.819744	12.25	1739	13560.41	1.827185	65.97486
2463	1818.5	-9999	-9999	29.60554	26.90125	50	31.774	0.042874	2.822773	12.25	1803	14897.75	1.908763	68.70911
2464	1819.5	-9999	-9999	29.61756	26.8392	50	37.93	0.042442	2.825044	12.25	2287	19074.26	2.16353	77.70023
2465	1820.5	-9999	-9999	29.62958	27.01846	50	14.318	0.029262	2.818609	12.25	2771	33596.3	3.049374	110.2456
2466	1821.5	-9999	-9999	29.6416	26.90815	50	41.184	0.043381	2.821637	12.25	2834	23152.76	2.412318	86.85768
2467	1822.5	-9999	-9999	29.65362	26.84609	50	23.134	0.033654	2.822016	12.25	2832	29819.32	2.818978	101.2658

Well B19: Saturation model input and output data

MDRT	Burial Depth	T_reg_K	P_merge52	PHI_harmB20	Salinity Cf	DTCO_detrend_hfactor	DTSM_detrend_hfactor	PHI_use_detrend_hfactor	APLC_detrend_hfactor	TGscaled	TGmod	TGmod	SOL_HC	SAT_HC
m	m	°K	MPa	v/v	mol/L	µs/m	µs/m	µs/m	µs/m	unitless	mol/m³	vol.%	vol.%	vol.%
1508.455	840.455	317.2304	16.79112	0.360732	1.088025	533.8057	689.0961	0.25601	0.424567	440.8042	274.0575	4.120935	100	9.8
1508.608	840.608	317.2359	16.82791	0.361957	0.79893	519.3233	582.6564	0.257233	0.40169	470.6868	351.782	5.278353	100	12.8
1508.76	840.76	317.2414	16.85893	0.36532	0.582604	503.617	546.2587	0.26054	0.411113	453.1201	307.4797	4.605327	100	10.7
1508.912	840.912	317.2469	16.89429	0.377899	0.524545	489.0952	562.7559	0.27284	0.44662	387.1458	133.0116	1.988128	100	3.3
1509.065	841.065	317.2524	16.85905	0.362101	0.677122	479.0141	599.0037	0.257464	0.422945	441.0352	274.7036	4.11451	100	9.5
1509.217	841.217	317.2579	16.87049	0.348767	0.8012	473.7572	641.5096	0.244526	0.396118	495.911	409.2694	6.126037	100	15.8
1509.37	841.37	317.2635	16.86693	0.33188	0.902915	472.3535	690.8021	0.22818	0.36856	556.4991	523.8814	7.843322	100	22
1509.522	841.522	317.2689	16.94058	0.33661	0.913056	473.4405	733.6586	0.232792	0.39186	517.9808	454.4492	6.774808	100	18.5
1509.674	841.674	317.2744	16.88501	0.358373	0.937489	476.6905	793.5291	0.253957	0.444751	415.7838	197.2027	2.949409	100	6.5
1509.827	841.827	317.28	16.83686	0.37293	0.988225	481.0464	868.7781	0.268172	0.471154	359.73	104.0461	1.560541	100	2.5
1509.979	841.979	317.2854	16.86701	0.370093	1.097257	484.8411	954.1682	0.265435	0.464669	372.4558	115.1895	1.724662	100	3
1510.132	842.132	317.291	16.89138	0.377693	1.035575	488.3668	1028.642	0.272882	0.474461	348.6672	96.47971	1.442501	100	2.2
1510.284	842.284	317.2965	16.92291	0.363466	1.165046	491.0816	1103.11	0.259037	0.442981	411.2164	183.0218	2.731446	100	5.9
1510.436	842.436	317.3019	16.94186	0.354464	1.277608	493.3174	1156.546	0.250306	0.419673	455.4295	313.5227	4.673983	100	11.7
1510.589	842.589	317.3075	16.96226	0.36296	1.283606	494.4669	1194.083	0.258605	0.435652	421.926	218.6127	3.255261	100	7.4
1510.741	842.741	317.313	16.97616	0.389688	1.07727	494.3725	1208.195	0.28473	0.49122	309.1891	78.1621	1.162956	100	1.3
1510.894	842.894	317.3185	16.99084	0.394533	1.068308	493.5595	1213.016	0.289504	0.502505	287.0277	70.91807	1.054293	100	1
1511.046	843.046	317.324	16.95867	0.401997	1.003595	493.337	1213.45	0.296848	0.517556	256.1214	62.53838	0.931466	100	0.6
1511.198	843.198	317.3294	16.91442	0.402753	1.018503	494.6145	1214.106	0.29762	0.515698	257.6216	62.91162	0.93945	100	0.7
1511.351	843.351	317.335	16.8696	0.400399	1.062383	495.8232	1215.237	0.295342	0.50766	271.8574	66.60969	0.997289	100	0.8
1511.503	843.503	317.3405	16.81995	0.40834	1.028001	496.979	1217.089	0.303163	0.517071	248.0769	60.58507	0.909737	100	0.6
1511.656	843.656	317.346	16.82238	0.400386	1.08036	497.5937	1218.935	0.29539	0.503356	277.7301	68.22731	1.024361	100	0.9
1511.808	843.808	317.3515	16.84064	0.384249	1.173544	496.7247	1215.186	0.279622	0.476075	337.1376	90.03565	1.350367	100	1.9
1511.96	843.96	317.357	16.86738	0.369539	1.317761	495.4259	1200.391	0.26529	0.451412	390.9508	138.8424	2.079159	100	4.1
1512.113	844.113	317.3625	16.86047	0.35214	1.495879	493.5463	1170.166	0.248381	0.420591	456.8189	317.1254	4.750926	100	12.1
1512.265	844.265	317.368	16.84197	0.376842	1.320406	492.1882	1134.083	0.272476	0.469322	356.3195	101.5383	1.522835	100	2.5
1512.418	844.418	317.3735	16.84366	0.37978	1.266626	490.604	1109.898	0.275376	0.475328	344.0283	93.7378	1.405728	100	2.1
1512.57	844.57	317.379	16.84535	0.411964	0.980706	489.4265	1087.438	0.306934	0.530238	224.702	55.31595	0.82947	100	0.3
1512.722	844.722	317.3845	16.84704	0.405904	0.991546	488.8496	1082.943	0.301015	0.516935	251.2291	61.34108	0.91974	100	0.6
1512.875	844.875	317.39	16.87166	0.42062	0.884906	488.7521	1087.526	0.315503	0.546073	191.0255	48.60259	0.727705	99.3	0
1513.027	845.027	317.3955	16.92984	0.402211	0.977957	488.8907	1105.614	0.297453	0.521673	249.6067	60.95048	0.909512	100	0.6
1513.18	845.18	317.401	16.99593	0.406506	0.932306	489.0884	1109.954	0.301697	0.535747	224.3273	55.23592	0.821097	100	0.3
1513.332	845.332	317.4065	17.0102	0.397382	0.994147	488.8726	1104.904	0.29278	0.51886	259.9376	63.49365	0.943086	100	0.7
1513.484	845.484	317.412	17.01086	0.39999	1.002047	488.2334	1080.347	0.295366	0.519477	255.5169	62.38883	0.926654	100	0.6
1513.637	845.637	317.4175	16.96696	0.371964	1.242691	487.184	1066.736	0.267989	0.465922	367.203	110.2069	1.64108	100	2.8
1513.789	845.789	317.423	16.92808	0.376109	1.251678	486.7843	1060.551	0.272064	0.476523	346.9499	95.43884	1.424403	100	2.2
1513.942	845.942	317.4285	16.91142	0.375205	1.228407	486.923	1075.825	0.271211	0.475359	349.7335	97.14224	1.451253	100	2.3
1514.094	846.094	317.434	16.9165	0.368908	1.256837	487.659	1091.91	0.265099	0.463104	375.081	117.9178	1.761135	100	3.2
1514.246	846.246	317.4395	16.91715	0.400726	0.98444	488.1585	1081.825	0.296239	0.520147	253.388	61.86575	0.923961	100	0.6
1514.399	846.399	317.445	16.96161	0.412188	0.922104	488.061	1068.224	0.307518	0.540977	209.0763	52.08451	0.775884	100	0.2
1514.551	846.551	317.4505	16.97653	0.41061	0.939646	486.9458	1044.25	0.305999	0.538274	214.9037	53.26477	0.792791	100	0.2
1514.704	846.704	317.456	16.98236	0.377831	1.196049	485.7784	1029.806	0.273927	0.478145	342.14	92.68206	1.379032	100	2.1
1514.856	846.856	317.4615	16.94961	0.367983	1.303616	484.0068	1015.253	0.264349	0.461547	378.2637	121.4658	1.810772	100	3.4
1515.008	847.008	317.467	16.97493	0.335443	1.654909	482.5897	995.8367	0.232753	0.403804	501.5519	421.24	6.270586	100	17.3
1515.161	847.161	317.4725	16.98277	0.356388	1.358511	480.9464	984.8313	0.253117	0.452478	406.2788	169.7432	2.52569	100	5.6
1515.313	847.313	317.478	16.93683	0.344098	1.382521	479.0535	978.4109	0.241207	0.434125	448.0421	293.9474	4.38552	100	11.3
1515.466	847.466	317.4835	16.93875	0.348527	1.221286	476.163	977.0432	0.245537	0.44551	426.3549	232.106	3.462548	100	8.4
1515.618	847.618	317.489	16.89361	0.354278	1.10131	473.4299	976.7336	0.251157	0.454371	406.3718	169.9756	2.542396	100	5.5
1515.77	847.77	317.4945	16.84818	0.344249	1.126757	470.9987	977.1458	0.241444	0.438187	442.1095	277.6981	4.164733	100	10.5
1515.923	847.923	317.5	16.80918	0.321018	1.264342	470.4843	977.7975	0.21898	0.403628	520.8004	459.9148	6.91336	100	20
1516.075	848.075	317.5055	16.78246	0.294913	1.443487	470.9216	974.9894	0.193864	0.354275	623.5683	623.3922	9.385559	100	30.5
1516.228	848.228	317.511	16.75625	0.312734	1.243289	471.8938	971.2429	0.211045	0.395242	543.3245	501.3387	7.559711	100	22.7
1516.38	848.38	317.5165	16.80978	0.302695	1.377982	472.1538	964.0105	0.201405	0.39294	559.8039	529.3581	7.957295	100	24.9
1516.532	848.532	317.522	16.86001	0.280602	1.664585	473.3722	972.049	0.180231	0.393621	588.0852	573.5922	8.597053	100	29.4
1516.685	848.685	317.5275	16.91112	0.239603	2.398584	475.887	972.463	0.141212	0.365586	680.6188	693.531	10.36394	100	42.3
1516.837	848.837	317.533	16.96767	0.193525	3.887812	478.1227	968.8181	0.097891	0.328226	791.9581	809.3396	12.05506	100	61.8
1516.99	848.99	317.5385	16.95899	0.190385	1.369522	478.0841	946.0518	0.094991	0.333834	788.2208	805.7248	12.00744	100	62.1
1517.142	849.142	317.544	16.90875	0.198911	3.710054	475.5414	926.5736	0.102987	0.336084	774.0815	791.928	11.83651	100	59
1517.294	849.294	317.5495	16.90788	0.287209	1.597959	472.0961	902.9742	0.186712	0.430276	528.5556	474.6152	7.094278	100	23.4
1517.447	849.447	317.555	16.95687	0.335266	1.112335	469.9177	899.1105	0.233067	0.467528	413.1797	188.8761	2.815228	100	6.8
1517.599	849.599	317.5605	17.01427	0.328965	1.141832	469.5739	904.4019	0.226996	0.432077	470.4801	351.2822	5.218615	100	14.3
1517.752	849.752	317.566	17.00805	0.313257	1.258561	470.6643	917.0558	0.211853	0.402625	532.0213	481.0321	7.148845	100	21.3
1517.904	849.904	317.5715	17.00986	0.323615	1.130395	471.7021	916.3239	0.221883	0.418811	495.8423	409.1217	6.079603	100	17.2
1518.056	850.056	317.577	16.96711	0.351129	0.920804	471.8439	904.4368	0.248579	0.466236	393.5554	143.1959	2.133216	100	4.4
1518.209	850.209	317.5825	16.96465	0.329306	1.061822	470.9718	900.4482	0.227448	0.426991	476.8747	366.5177	5.460944	100	15
1518.361	850.361	317.588	16.93526	0.31812	1.16224	469.9158	901.3239	0.216666	0.409827	515.4399	449.4672	6.708388	100	19.5
1518.514	850.514	317.5936	16.93031	0.327513	1.076413	469.0436	910.531	0.225773	0.426988	479.1891	371.9194	5.552651	100	15.4
1518.666	850.666	317.599	16.97931	0.335437	0.990221	468.5848	902.6373	0.233474	0.439667	451.0645	302.0426	4.496672	100	11.7
1518.818	850.818	317.6045	17.035	0.337844	0.994462	468.2444	898.6155	0.235837	0.440663	446.43	289.5794	4.297325	100	11.1
1518.971	850.971	317.6101	17.0812	0.356562	0.894795	467.7889	898.7911	0.254043	0.469579	381.4021	125.2491	1.853766	100	3.5
1519.123	851.123	317.6155	17.07614	0.368279	0.842565	467.5697	908.029	0.265484	0.482978	347.1226	95.54206	1.414516	100	2.1
1519.276	851.276	317.6211	17.06478	0.359571	0.895295	467.4721	919.9724	0.257032	0.463088	386.2345	131.7011	1.951161	100	3.7
1519.428	851.428	317.6266	17.01857	0.362567	0.883661	467.4926	921.3789	0.259979	0.469528	373.2806	116.0285	1.723587	100	3
1519.58	851.58	317.632	17.02032	0.361594	0.909269	467.5129	910.4323	0.259062	0.471112	372.3602	115.0933	1.709547	100	3
1519.733	851.733	317.6376	17.02207	0.375383	0.812525	467.5335	898.3713	0.272536	0.49871	315.6809	80.57911	1.196785	100	1.4

1519.885	851.885	317.643	17.02382	0.355076	0.905141	467.5539	883.9423	0.25278	0.464428	390.2535	137.7286	2.045409	100	4
1520.038	852.038	317.6486	17.04298	0.361095	0.857534	467.6925	864.6219	0.258666	0.477705	363.8073	107.2849	1.59155	100	2.7
1520.19	852.19	317.6541	17.04468	0.347438	0.980086	467.9525	857.1987	0.245417	0.451509	418.2412	205.697	3.051221	100	7.1
1520.342	852.342	317.6595	17.07599	0.369525	0.897323	468.3306	859.2804	0.266941	0.483606	344.2453	93.86122	1.389807	100	2
1520.495	852.495	317.6651	17.04159	0.363717	0.959126	468.3512	871.2296	0.261311	0.468884	372.3316	115.0646	1.707174	100	3
1520.647	852.647	317.6706	17.0604	0.380317	0.881406	468.0139	873.0979	0.277536	0.498679	308.8245	78.03104	1.156482	100	1.3
1520.8	852.8	317.6761	17.06211	0.402468	0.757649	468.0936	861.2628	0.299249	0.540741	220.8148	54.49191	0.807546	100	0.2
1520.952	852.952	317.6816	17.1011	0.39768	0.773738	468.9476	854.2328	0.294585	0.532952	237.9992	58.24384	0.861225	100	0.4
1521.104	853.104	317.6871	17.15011	0.371316	0.887847	470.8846	857.3896	0.268839	0.480439	345.9968	94.87448	1.398946	100	2
1521.257	853.257	317.6926	17.17752	0.360135	0.949629	472.9235	868.735	0.257974	0.461544	387.066	132.8956	1.956532	100	3.7
1521.409	853.409	317.6981	17.16571	0.357678	0.971264	473.6068	887.0536	0.255613	0.465426	384.9669	129.9295	1.914185	100	3.7
1521.562	853.562	317.7036	17.15802	0.36457	0.952247	472.9742	895.4448	0.262354	0.483786	350.3274	97.51677	1.437319	100	2.2
1521.714	853.714	317.7091	17.11867	0.370467	0.893799	470.9664	898.86	0.268131	0.494372	327.7456	85.56918	1.264089	100	1.7
1521.866	853.866	317.7146	17.12038	0.399179	0.737774	469.0702	898.0781	0.296235	0.536346	231.0384	56.68948	0.837388	100	0.3
1522.019	854.019	317.7201	17.08096	0.374305	0.830659	468.1422	898.2478	0.271937	0.490795	327.4298	85.42886	1.264793	100	1.6
1522.171	854.171	317.7256	17.03364	0.365494	0.860094	467.8607	897.6986	0.263374	0.478279	356.5187	101.6801	1.509532	100	2.4
1522.324	854.324	317.7311	16.99426	0.353589	0.941454	467.9993	897.8699	0.251816	0.461676	395.3802	146.4382	2.178993	100	4.5
1522.476	854.476	317.7366	16.97832	0.353903	0.949679	468.3775	898.2755	0.252152	0.465436	389.7275	136.9022	2.03901	100	4.1
1522.628	854.628	317.7421	16.91743	0.346279	1.010025	468.9951	900.5878	0.244774	0.449497	421.9049	218.5476	3.266609	100	7.8
1522.781	854.781	317.7476	16.86404	0.36797	0.866554	469.0748	897.9007	0.265908	0.484915	343.865	93.64513	1.404088	100	2.1
1522.933	854.933	317.7531	16.84902	0.368478	0.888947	467.7823	889.2278	0.266433	0.49133	334.2873	88.61624	1.329873	100	1.9
1523.086	855.086	317.7586	16.83941	0.358516	0.994035	465.0691	870.1444	0.25676	0.479408	364.0879	107.5182	1.614467	100	2.8
1523.238	855.238	317.7641	16.82913	0.343711	1.116458	462.4574	863.7982	0.242403	0.457226	414.5124	193.0543	2.900645	100	6.8
1523.39	855.39	317.7696	16.82561	0.330265	1.218438	461.1027	867.9048	0.229402	0.429938	470.1116	350.3901	5.265782	100	14.4
1523.543	855.543	317.7751	16.80058	0.346279	1.045566	461.7763	886.0349	0.244956	0.452596	417.3789	202.6427	3.049899	100	7.2
1523.695	855.695	317.7806	16.76869	0.35478	0.962673	463.2309	896.2682	0.253246	0.46308	391.47	139.6855	2.106325	100	4.2
1523.848	855.848	317.7861	16.79729	0.360304	0.932309	464.4394	904.0461	0.258651	0.469783	374.7607	117.5757	1.769982	100	3.2
1524	856	317.7916	16.81739	0.375417	0.865671	465.5396	905.7891	0.273414	0.492703	322.759	83.41815	1.254315	100	1.6
1524.152	856.152	317.7971	16.83465	0.383321	0.860446	466.7577	912.416	0.281165	0.503165	297.625	74.21447	1.114813	100	1.2
1524.305	856.305	317.8026	16.84828	0.381447	0.899908	469.0363	921.6113	0.279363	0.50011	304.327	76.45158	1.14752	100	1.3
1524.457	856.457	317.8081	16.85655	0.376055	0.953864	472.4632	949.9669	0.274127	0.49393	320.0809	82.31648	1.234972	100	1.6
1524.61	856.61	317.8136	16.90433	0.38119	0.944847	476.2874	984.6043	0.279172	0.501032	303.3182	76.10633	1.138642	100	1.3
1524.762	856.762	317.8191	16.98023	0.388445	0.922794	480.4956	1043.815	0.286297	0.503388	290.2348	71.88765	1.070808	100	1
1524.914	856.914	317.8246	16.95718	0.364749	1.089779	483.6273	1094.093	0.263191	0.453287	391.2605	139.3439	2.078416	100	4.1
1525.067	857.067	317.8301	16.95887	0.353123	1.192082	486.2044	1132.776	0.251906	0.4324	435.6572	259.4665	3.86981	100	9.4
1525.219	857.219	317.8356	16.96056	0.354035	1.243673	487.4851	1154.633	0.252823	0.44068	422.9656	221.8077	3.307874	100	7.8
1525.372	857.372	317.8411	16.96225	0.362651	1.228609	489.1071	1170.965	0.261238	0.457941	387.533	133.5782	1.991919	100	3.9
1525.524	857.524	317.8466	16.93302	0.375884	1.172769	491.52	1191.926	0.274171	0.481602	337.0326	89.98227	1.344116	100	2
1525.676	857.676	317.8521	16.89938	0.372706	1.163604	493.9919	1206.696	0.2711	0.473281	352.7541	99.09064	1.483096	100	2.4
1525.829	857.829	317.8576	16.95137	0.383245	1.079919	496.8087	1221.256	0.281422	0.487467	318.9344	81.85537	1.221454	100	1.5
1525.981	857.981	317.8631	16.89925	0.390307	1.062009	499.1034	1239.952	0.288359	0.497331	295.7484	73.61057	1.101775	100	1.2
1526.134	858.134	317.8686	16.86316	0.399371	1.061293	500.8469	1249.746	0.297268	0.512998	261.8342	63.97566	0.959596	100	0.8
1526.286	858.286	317.8741	16.80405	0.386184	1.177761	502.2424	1255.192	0.284386	0.491626	309.1048	78.13175	1.176007	100	1.4
1526.438	858.438	317.8796	16.76016	0.400726	1.093221	504.0581	1256.555	0.298656	0.519772	250.5706	61.18216	0.923279	100	0.7
1526.591	858.591	317.8851	16.7748	0.420178	0.99924	505.3257	1257.435	0.317787	0.551375	180.5564	46.69581	0.704075	99.6	0
1526.743	858.743	317.8906	16.77722	0.413211	1.109755	505.1721	1258.076	0.310969	0.532881	215.4876	53.38462	0.804826	100	0.3
1526.896	858.896	317.8961	16.78639	0.406597	1.18314	503.4106	1258.243	0.304505	0.51578	248.0071	60.56846	0.912651	100	0.6
1527.048	859.048	317.9016	16.78451	0.396022	1.234922	500.9793	1253.754	0.294166	0.495857	289.7683	71.74516	1.081199	100	1.2
1527.2	859.2	317.9071	16.74303	0.418639	1.065838	498.7844	1248.766	0.316395	0.539375	199.0385	50.11683	0.757115	100	0.2
1527.353	859.353	317.9126	16.74067	0.420166	1.009985	497.3214	1239.906	0.317927	0.541893	193.4492	49.05547	0.741196	100	0.1
1527.505	859.505	317.9181	16.74032	0.403618	1.099395	496.623	1244.214	0.301703	0.516431	250.976	61.27994	0.925932	100	0.7
1527.658	859.658	317.9237	16.75033	0.395681	1.137425	498.0088	1234.752	0.293952	0.511182	268.9154	65.82075	0.993972	100	0.9
1527.81	859.81	317.9291	16.80418	0.369296	1.349627	498.8103	1200.919	0.268195	0.464865	368.3773	111.2697	1.675023	100	3
1527.962	859.962	317.9346	16.86802	0.383514	1.181377	498.2301	1147.384	0.282106	0.488632	316.3818	80.85016	1.212576	100	1.6
1528.115	860.115	317.9402	16.92478	0.394308	1.092995	495.218	1079.384	0.292697	0.501819	283.5676	69.89675	1.044852	100	1
1528.267	860.267	317.9456	16.91077	0.412405	0.955872	488.9075	1025.797	0.310478	0.535081	213.1284	52.90217	0.791465	100	0.2
1528.42	860.42	317.9512	16.89661	0.385772	1.022055	478.8821	976.6325	0.284405	0.494374	305.2857	76.78266	1.149704	100	1.3
1528.572	860.572	317.9566	16.86522	0.367117	1.015424	467.4847	935.4861	0.266221	0.474872	357.2924	102.2363	1.533663	100	2.5
1528.724	860.724	317.9621	16.8901	0.30651	1.384909	458.7719	888.2815	0.207522	0.386932	559.6542	529.1114	7.925886	100	24.4
1528.877	860.877	317.9677	16.94479	0.283219	1.457188	457.8406	864.3154	0.18518	0.362759	623.844	623.758	9.314098	100	31.6
1529.029	861.029	317.9731	16.9682	0.29788	1.168371	464.0671	884.7045	0.199279	0.387131	570.7545	547.0261	8.157347	100	25.9
1529.182	861.182	317.9787	16.94905	0.357337	0.759468	473.0603	929.2051	0.256818	0.474212	371.1796	113.923	1.700754	100	3
1529.334	861.334	317.9842	16.88416	0.375533	0.838457	480.0876	987.8059	0.27458	0.484176	332.9167	87.95452	1.31806	100	1.8
1529.486	861.486	317.9896	16.8702	0.393006	0.888167	481.9688	1023.899	0.291693	0.509079	274.9351	67.45007	1.011625	100	0.8
1529.639	861.639	317.9952	16.8704	0.375838	1.08428	481.0376	1046.748	0.274939	0.482835	334.2727	88.6091	1.328976	100	1.9
1529.791	861.791	318.0007	16.93304	0.376558	1.095473	477.8318	1041.491	0.275671	0.489081	324.6422	84.21463	1.258483	100	1.7
1529.944	861.944	318.0062	16.88701	0.374961	1.039663	473.9894	1013.484	0.274143	0.488713	327.2591	85.35324	1.278941	100	1.8
1530.096	862.096	318.0117	16.85964	0.367412	1.044959	469.1656	971.795	0.266809	0.476751	353.8878	99.85079	1.498589	100	2.4
1530.248	862.248	318.0172	16.84639	0.374503	0.969618	464.3452	922.957	0.273755	0.492053	323.1857	83.59699	1.255638	100	1.7
1530.401	862.401	318.0227	16.84806	0.363045	1.010778	461.3922	883.0294	0.262614	0.469455	369.7451	112.5435	1.690278	100	3
1530.553	862.553	318.0282	16.84973	0.363217	0.944176	459.0792	858.2681	0.262812	0.470331	368.2636	111.1655	1.669445	100	2.9
1530.706	862.706	318.0337	16.73213	0.366487	0.865004	459.6937	867.5822	0.266027	0.480919	349.2145	96.81818	1.464075	100	2.2
1530.858	862.858	318.0392	16.65057	0.391562	0.731736	461.7422	883.1455	0.29055	0.530312	247.2113	60.3795	0.917477	100	0.5
1531.01	863.01	318.0447	16.65297	0.388333	0.770074	463.5578	907.9237	0.28742	0.525997	257.4848	62.87747	0.955313	100	0.7
1531.163	863.163	318.0502	16.69095	0.374239	0.897272	466.0168	921.6474	0.273678	0.495524	318.5019	81.683	1.238263	100	1.6
1531.315	863.315	318.0557	16.73476	0.344002	1.173302	466.28	933.0553	0.24428	0.431581	447.3132	291.9768	4.414823	100	11.3
1531.468	863.468	318.0612	16.6738	0.340038	1.225266	468.1449	947.3636	0.240465	0.413484	477.5512	368.1027	5.586034	100	14.9
1531.62	863.62	318.0667	16.73577	0.322101	1.407121	469.0645	973.6713	0.223132	0.375502	553.8862	519.5021	7.854878	100	23
1531.772	863.772	318.0722	16.69717	0.342974	1.184019	471.0605	1003.018	0.243372	0.417355	468.1961	345.727	5.239391	100	13.7
1531.925	863.925	318.0777	16.61256	0.370427	0.999894	473.5752	1020.164	0.270109	0.470232	358.3304	102.9961	1.568742	100	2.6

1532.077	864.077	318.0832	16.56685	0.406161	0.828987	478.1969	1031.233	0.305099	0.53293	223.5197	55.06386	0.840979	100	0.3
1532.23	864.23	318.0887	16.59947	0.405603	0.892699	482.4969	1041.737	0.304581	0.530073	228.1782	56.06474	0.854617	100	0.4
1532.382	864.382	318.0942	16.53644	0.418583	0.862443	486.5902	1060.058	0.317361	0.556369	174.252	45.58503	0.697495	95	0
1532.534	864.534	318.0997	16.58071	0.395184	0.979804	487.6279	1064.76	0.294427	0.518529	258.1203	63.03635	0.961989	100	0.7
1532.687	864.687	318.1052	16.62627	0.400549	0.955692	486.457	1055.401	0.299714	0.529324	235.9269	57.77594	0.87934	100	0.5
1532.839	864.839	318.1107	16.67778	0.381247	1.05611	482.2372	1026.775	0.280852	0.49668	307.0054	77.38405	1.1742	100	1.4
1532.992	864.992	318.1162	16.72392	0.358254	1.232082	477.6236	998.1697	0.25846	0.460654	387.6219	133.709	2.023366	100	4.1
1533.144	865.144	318.1217	16.68394	0.337877	1.42874	473.5153	977.5969	0.238699	0.433983	451.6982	303.7246	4.607077	100	12.2
1533.296	865.296	318.1272	16.68559	0.322588	1.56736	471.3203	958.2419	0.223932	0.410075	505.0702	428.5549	6.50004	100	18.8
1533.449	865.449	318.1327	16.56175	0.327372	1.395726	469.6736	929.0193	0.228587	0.416185	490.2144	396.8665	6.063918	100	17.1
1533.601	865.601	318.1382	16.54511	0.320696	1.396486	467.4228	899.746	0.222164	0.40163	519.1639	456.7505	6.985949	100	20.3
1533.754	865.754	318.1437	16.5322	0.345046	1.150146	463.8758	885.2862	0.245773	0.450564	419.0544	208.6536	3.193843	100	7.7
1533.906	865.906	318.1492	16.57802	0.32822	1.305124	460.9654	880.6157	0.229497	0.42583	475.6483	363.6314	5.550969	100	15.4
1534.058	866.058	318.1547	16.603	0.341315	1.158923	459.6073	881.2469	0.242213	0.452152	421.7762	218.1506	3.325255	100	8.1
1534.211	866.211	318.1602	16.557	0.353449	1.01666	459.1519	886.6317	0.254026	0.472186	377.8273	120.9628	1.848912	100	3.6
1534.363	866.363	318.1657	16.54564	0.356984	0.970885	459.7072	901.9587	0.257494	0.47738	365.8737	109.0371	1.667782	100	3
1534.516	866.516	318.1712	16.49333	0.355884	1.000584	460.9157	931.2391	0.256454	0.477111	367.6803	110.6355	1.697557	100	3.1
1534.668	866.668	318.1767	16.48364	0.350334	1.053067	464.4608	956.5528	0.251088	0.467648	388.1442	134.4844	2.064716	100	4.2
1534.82	866.82	318.1822	16.4457	0.345945	1.127351	469.1415	963.3954	0.246856	0.459423	405.3364	167.4236	2.576322	100	5.8
1534.973	866.973	318.1877	16.40317	0.33209	1.27537	472.8442	953.3384	0.233454	0.430094	464.305	336.1218	5.18559	100	14.1
1535.125	867.125	318.1932	16.40487	0.353141	1.10653	473.5341	953.9387	0.253906	0.46513	387.7305	133.8693	2.065117	100	4.2
1535.278	867.278	318.1987	16.38549	0.350527	1.168082	472.2483	967.8854	0.251397	0.460778	397.1999	149.8406	2.314233	100	5
1535.43	867.43	318.2042	16.33903	0.332755	1.360746	472.6198	986.3223	0.234187	0.434531	457.1683	318.0276	4.925699	100	13.3
1535.582	867.582	318.2097	16.33009	0.327381	1.42949	474.9671	1001.91	0.229015	0.424166	478.6095	370.5721	5.742717	100	16.1
1535.735	867.735	318.2152	16.33171	0.363797	1.06242	476.0606	1011.819	0.264397	0.482908	348.7194	96.51182	1.495509	100	2.5
1535.887	867.887	318.2207	16.33332	0.361509	1.135405	473.8755	990.755	0.262198	0.471679	367.2491	110.2481	1.70822	100	3.1
1536.04	868.04	318.2262	16.45138	0.314929	1.797171	469.7936	938.495	0.217077	0.382466	552.6311	517.3827	7.959753	100	24
1536.192	868.192	318.2317	16.56543	0.291709	1.920977	468.3075	884.3412	0.194762	0.340306	641.6067	646.7188	9.882031	100	32.7
1536.344	868.344	318.2372	16.58711	0.29322	1.623646	471.0191	874.3173	0.196242	0.348066	628.8547	630.3536	9.619681	100	31.5
1536.497	868.497	318.2427	16.55712	0.324614	1.157	476.1527	908.9449	0.22652	0.408853	503.1848	424.6493	6.492162	100	18.4
1536.649	868.649	318.2482	16.58908	0.342657	1.078192	481.6735	979.2317	0.244024	0.436229	441.2509	275.3061	4.201016	100	10.6
1536.802	868.802	318.2538	16.65841	0.36888	0.979424	485.7964	1049.639	0.269559	0.480581	344.8065	94.18262	1.431292	100	2.2
1536.954	868.954	318.2592	16.63016	0.361215	1.161732	488.8721	1116.798	0.262121	0.465514	375.864	118.7653	1.807927	100	3.4
1537.106	869.106	318.2647	16.70406	0.36063	1.289108	490.5695	1164.361	0.261581	0.464051	378.6283	121.8902	1.847424	100	3.6
1537.259	869.259	318.2702	16.79247	0.372257	1.231359	491.5976	1192.431	0.272943	0.483886	335.5764	89.25074	1.345722	100	2
1537.411	869.411	318.2757	16.88637	0.379146	1.304433	491.9198	1216.659	0.279698	0.501378	302.1144	75.69843	1.135141	100	1.5
1537.564	869.564	318.2813	16.8668	0.372771	1.460904	493.1284	1227.633	0.273504	0.494735	319.8294	82.21477	1.234285	100	1.8
1537.716	869.716	318.2867	16.95519	0.367158	1.583847	496.0762	1233.55	0.26806	0.484546	341.4034	92.27909	1.378286	100	2.3
1537.868	869.868	318.2922	16.95687	0.382535	1.442316	499.3849	1233.941	0.283099	0.503461	294.5472	73.22885	1.09366	100	1.4
1538.021	870.021	318.2978	16.95854	0.383095	1.428612	504.3413	1226.481	0.283677	0.494919	305.5374	76.87008	1.147947	100	1.5
1538.173	870.173	318.3032	16.96021	0.383584	1.450007	510.8172	1215.039	0.284184	0.487328	315.3136	80.43787	1.201128	100	1.7
1538.326	870.326	318.3088	16.92054	0.404166	1.279954	515.8918	1188.091	0.30437	0.51186	253.6027	61.91825	0.926735	100	0.7
1538.478	870.478	318.3143	16.93863	0.405407	1.307723	513.6081	1129.99	0.305618	0.497312	271.9572	66.63669	0.996322	100	0.9
1538.63	870.63	318.3197	16.90162	0.408158	1.174421	502.4995	1014.069	0.308347	0.495654	270.4797	66.23854	0.99252	100	0.8
1538.783	870.783	318.3253	16.98963	0.353516	1.537896	486.117	877.2906	0.254989	0.393394	485.2317	385.7499	5.750678	100	14.9
1538.935	870.935	318.3308	16.98638	0.345289	1.312712	474.5915	769.0723	0.247028	0.402769	483.2803	381.3258	5.68588	100	15
1539.088	871.088	318.3363	16.97272	0.331982	1.151189	471.5696	743.3433	0.234157	0.394541	512.3979	443.4301	6.617243	100	18.4
1539.24	871.24	318.3418	16.91668	0.370765	0.778118	475.3903	776.2727	0.271876	0.475107	349.1625	96.78586	1.449056	100	2.1
1539.392	871.392	318.3473	16.82907	0.390263	0.729975	479.536	850.302	0.290956	0.514082	269.0469	65.85572	0.991049	100	0.7
1539.545	871.545	318.3528	16.84191	0.39312	0.77016	481.519	896.3026	0.293783	0.523467	252.1946	61.57501	0.925947	100	0.6
1539.697	871.697	318.3583	16.86567	0.357637	0.973406	481.4245	932.2836	0.259177	0.468227	376.1825	119.1147	1.788752	100	3.3
1539.85	871.85	318.3638	16.8981	0.329924	1.248289	481.5631	937.6669	0.232314	0.418755	481.5248	377.3115	5.655477	100	15.6
1540.002	872.002	318.3693	16.92792	0.333948	1.2462	481.8229	941.8916	0.23624	0.423683	469.3068	348.4362	5.21368	100	14.1
1540.154	872.154	318.3748	16.92264	0.346138	1.205611	480.8882	936.0942	0.248091	0.443515	425.5848	229.782	3.439356	100	8.4
1540.307	872.307	318.3803	16.91577	0.343266	1.226455	478.1125	955.0411	0.245333	0.440654	433.3388	252.7686	3.784988	100	9.5
1540.459	872.459	318.3858	16.81282	0.328232	1.339203	476.3967	948.9113	0.230797	0.416076	487.3154	390.4298	5.881709	100	16.4
1540.612	872.612	318.3913	16.82462	0.333231	1.219124	476.7124	949.184	0.235665	0.433237	456.9152	317.3743	4.777915	100	12.8
1540.764	872.764	318.3968	16.87705	0.356769	0.974264	479.355	948.9739	0.258542	0.479062	362.1066	105.9001	1.589416	100	2.8
1540.916	872.916	318.4023	16.92926	0.377733	0.896912	481.2295	961.6697	0.279005	0.512071	288.3148	71.30446	1.066947	100	1.1
1541.069	873.069	318.4078	16.93093	0.384311	0.955879	481.1909	982.641	0.285463	0.518381	270.6954	66.29645	0.991929	100	0.9
1541.221	873.221	318.4133	16.83299	0.381206	1.05891	479.0616	993.9375	0.282458	0.508426	288.5804	71.38462	1.074198	100	1.2
1541.374	873.374	318.4188	16.72204	0.37737	1.054564	478.3108	999.2015	0.278741	0.503376	300.6792	75.21777	1.139302	100	1.4
1541.526	873.526	318.4243	16.66431	0.358943	1.194461	478.9842	1000.681	0.260807	0.475331	364.1303	107.5535	1.634675	100	3
1541.678	873.678	318.4298	16.64028	0.348591	1.249264	480.9146	1002.023	0.250772	0.459941	399.2161	153.8211	2.341249	100	5.2
1541.831	873.831	318.4353	16.62988	0.357009	1.19107	481.9459	1002.652	0.258985	0.475994	365.7288	108.9116	1.658748	100	3.1
1541.983	873.983	318.4408	16.59007	0.352425	1.188606	481.4311	1002.56	0.254556	0.466875	384.4244	129.1891	1.97227	100	4
1542.136	874.136	318.4463	16.56731	0.382826	0.96924	479.0753	1003.423	0.28422	0.516606	274.8596	67.42927	1.030823	100	1
1542.288	874.288	318.4518	16.54178	0.389503	0.911479	477.7731	1005.486	0.29078	0.524629	254.7354	62.19615	0.952286	100	0.7
1542.44	874.44	318.4573	16.50735	0.40155	0.843938	477.137	1011.972	0.302611	0.539829	217.4335	53.7862	0.82523	100	0.3
1542.593	874.593	318.4628	16.4559	0.391041	0.902062	477.1574	1020.918	0.292345	0.517449	262.4847	64.14214	0.987174	100	0.8
1542.745	874.745	318.4683	16.4134	0.369206	1.093032	477.1777	1036.84	0.271043	0.481525	341.4563	92.30785	1.424313	100	2.2
1542.898	874.898	318.4738	16.38858	0.361184	1.182584	476.8405	1045.073	0.263257	0.472192	365.0815	108.3559	1.674464	100	3
1543.05	875.05	318.4793	16.35839	0.355526	1.2083	475.8466	1045.968	0.257781	0.466293	380.778	124.4729	1.927064	100	3.8
1543.202	875.202	318.4848	16.27201	0.377443	1.028067	473.8354	1038.226	0.27917	0.506884	295.2452	73.45023	1.14313	100	1.4
1543.355	875.355	318.4903	16.27361	0.355322	1.241065	471.657	1021.723	0.257642	0.469733	376.2225	119.1588	1.854356	100	3.6
1543.507	875.507	318.4958	16.27521	0.351159	1.249931	470.4169	1017.172	0.253624	0.463774	389.991	137.3148	2.136724	100	4.5
1543.66	875.66	318.5013	16.31659	0.339824	1.362352	469.5448	1026.714	0.242651	0.437808	440.967	274.513	4.260981	100	11
1543.812	875.812	318.5068	16.35337	0.341036	1.267206	470.4576	1053.229	0.243856	0.435138	442.9894	280.1387	4.338695	100	11.2
1543.964	875.964	318.5123	16.39241	0.32701	1.406679	471.3772	1075.974	0.2303	0.40484	503.5058	425.3166	6.571746	100	18.7
1544.117	876.117	318.5178	16.43429	0.353623	1.150597	472.881	1077.671	0.256139	0.452977	401.4196	158.4425	2.442032	100	5.3

1544.269	876.269	318.5233	16.49045	0.368299	1.067036	473.502	1064.692	0.270457	0.481023	342.9575	93.13506	1.430655	100	2.2
1544.422	876.422	318.5288	16.55542	0.372885	1.036789	473.821	1055.925	0.274959	0.494499	318.1474	81.54235	1.247741	100	1.7
1544.574	876.574	318.5343	16.53406	0.369376	1.050895	474.1991	1052.338	0.271567	0.491785	326.5748	85.05177	1.303122	100	1.9
1544.726	876.726	318.5398	16.62341	0.356937	1.112386	474.938	1052.719	0.259481	0.470202	373.0384	115.7805	1.764541	100	3.3
1544.879	876.879	318.5453	16.6107	0.355887	1.121792	476.3828	1053.345	0.25849	0.463265	383.9795	128.5896	1.961268	100	3.9
1545.031	877.031	318.5508	16.55075	0.365509	1.051234	476.7674	1054.205	0.267887	0.478272	350.3	97.49945	1.492418	100	2.4
1545.184	877.184	318.5563	16.51948	0.360253	1.073018	476.1346	1055.307	0.262797	0.465055	375.5638	118.4386	1.816349	100	3.4
1545.336	877.336	318.5618	16.49716	0.3716	1.017128	474.1268	1055.691	0.273885	0.483702	334.5304	88.73494	1.36266	100	2
1545.488	877.488	318.5673	16.49522	0.367541	1.053598	472.2337	1055.359	0.269957	0.478252	347.4724	95.75218	1.470613	100	2.3
1545.641	877.641	318.5728	16.49102	0.358027	1.119021	471.5977	1055.269	0.260721	0.465523	377.7844	120.9136	1.857551	100	3.6
1545.793	877.793	318.5783	16.53249	0.349848	1.113305	471.9167	1055.413	0.252797	0.454822	403.4862	163.0528	2.498749	100	5.5
1545.946	877.946	318.5839	16.5264	0.350751	1.128304	473.1251	1056.275	0.253705	0.459433	395.8689	147.3348	2.25873	100	4.8
1546.098	878.098	318.5893	16.53091	0.350316	1.153607	473.7461	1053.205	0.253312	0.462576	392.0746	140.6826	2.156198	100	4.6
1546.25	878.25	318.5948	16.48654	0.345076	1.250162	473.7663	1046.394	0.248253	0.456206	407.8473	173.7506	2.670143	100	6.2
1546.403	878.403	318.6003	16.44256	0.344589	1.209536	473.1926	1029.9	0.24781	0.453049	412.8154	187.7632	2.893156	100	6.8
1546.555	878.555	318.6058	16.54148	0.352378	1.143228	472.0183	1021.172	0.255405	0.462771	388.9174	135.6523	2.077882	100	4.3
1546.708	878.708	318.6114	16.65451	0.354323	1.115419	471.4447	1017.159	0.257326	0.462801	386.2254	131.6881	2.00367	100	4
1546.86	878.86	318.6168	16.67236	0.363055	1.046974	471.0449	1016.81	0.265854	0.477706	353.8871	99.85032	1.517666	100	2.5
1547.012	879.012	318.6223	16.67797	0.360982	1.041956	470.9437	1016.956	0.263864	0.470751	366.2309	109.348	1.661498	100	2.9
1547.165	879.165	318.6279	16.6301	0.360895	1.03806	470.6098	1021.263	0.263809	0.465407	373.6814	116.4421	1.774344	100	3.3
1547.317	879.317	318.6333	16.5698	0.342917	1.190858	470.748	1030.249	0.246366	0.42702	450.7277	301.1467	4.605433	100	11.9
1547.47	879.47	318.6389	16.57481	0.36294	1.006372	470.8866	1047.749	0.265861	0.465596	370.5899	113.3504	1.732975	100	3.1
1547.622	879.622	318.6444	16.58661	0.344973	1.14894	472.0392	1057.5	0.248421	0.438101	432.5996	250.6166	3.828955	100	9.5
1547.774	879.774	318.6498	16.59201	0.3555	1.043573	473.7333	1062.782	0.258679	0.461812	385.722	130.9777	2.000481	100	4
1547.927	879.927	318.6554	16.606	0.357941	1.049824	475.539	1064.239	0.261083	0.46563	377.1356	120.1766	1.834012	100	3.5
1548.079	880.079	318.6609	16.6001	0.36374	1.009067	475.8611	1065.697	0.266759	0.475969	355.0363	100.6379	1.536395	100	2.6
1548.232	880.232	318.6664	16.60142	0.353171	1.117362	474.9888	1067.032	0.256504	0.46086	390.0385	137.3894	2.09733	100	4.3
1548.384	880.384	318.6719	16.56326	0.370716	0.961046	472.505	1061.813	0.273618	0.49737	316.0378	80.71685	1.235013	100	1.6
1548.536	880.536	318.6773	16.55254	0.383741	0.901278	471.0878	1052.985	0.286366	0.520685	266.2693	65.12265	0.997065	100	0.9
1548.689	880.689	318.6829	16.46049	0.405916	0.781341	470.5733	1038.856	0.308116	0.554108	190.1314	48.43662	0.745702	100	0
1548.841	880.841	318.6884	16.4146	0.386332	0.910357	471.9653	1038.485	0.288959	0.514818	270.7887	66.32152	1.023884	100	0.9
1548.994	880.994	318.6939	16.37398	0.369151	1.018977	473.4101	1050.874	0.272211	0.477995	344.7163	94.13073	1.456796	100	2.3
1549.146	881.146	318.6994	16.33508	0.325995	1.432845	475.1042	1060.118	0.230331	0.389121	525.1568	468.2316	7.263672	100	20.9
1549.298	881.298	318.7049	16.29317	0.344216	1.244118	475.6628	1065.769	0.248013	0.424804	451.5127	303.2329	4.716092	100	12.2
1549.451	881.451	318.7104	16.2642	0.373156	0.998846	474.1405	1068.287	0.276207	0.485542	328.7868	86.03607	1.340473	100	1.9
1549.603	881.603	318.7159	16.23891	0.372627	0.957559	472.1851	1065.093	0.27572	0.491767	320.8679	82.6366	1.289512	100	1.8
1549.756	881.756	318.7214	16.20024	0.345232	1.155426	470.8991	1055.608	0.249088	0.449765	415.5831	196.5372	3.074181	100	7.3
1549.908	881.908	318.7269	16.27972	0.329072	1.247946	471.9862	1030.909	0.233457	0.422948	474.1622	360.1114	5.605624	100	15.5
1550.06	882.06	318.7324	16.17689	0.360255	1.010118	473.8574	1010.494	0.263751	0.477162	357.5395	102.4158	1.604297	100	2.8
1550.213	882.213	318.7379	16.19383	0.367778	0.975874	475.8404	997.4301	0.27111	0.484568	337.1639	90.04906	1.409139	100	2.1
1550.365	882.365	318.7434	16.23908	0.369533	1.019382	476.4645	1011.501	0.27285	0.480216	340.7686	91.9356	1.434713	100	2.2
1550.518	882.518	318.7489	16.23916	0.375393	1.017696	475.8908	1055.03	0.278598	0.488413	321.5258	82.90647	1.293821	100	1.8
1550.67	882.67	318.7544	16.22683	0.361077	1.143011	474.1193	1090.256	0.26467	0.461718	377.5836	120.6843	1.884818	100	3.6
1550.822	882.822	318.7599	16.23974	0.36628	1.044186	471.9897	1096.529	0.269769	0.47448	352.9364	99.21177	1.54827	100	2.6
1550.975	882.975	318.7654	16.19205	0.342836	1.204794	470.937	1083.704	0.247001	0.443809	426.6822	233.0911	3.648213	100	9.1
1551.127	883.127	318.7709	16.23746	0.335478	1.229297	470.5372	1074.743	0.239896	0.441565	439.5838	270.6323	4.224122	100	11
1551.28	883.28	318.7764	16.28627	0.343684	1.136263	470.5576	1089.625	0.247883	0.468288	391.6844	140.0373	2.179299	100	4.7
1551.432	883.432	318.7819	16.28502	0.366173	1.014999	470.4006	1084.582	0.269783	0.501571	315.5315	80.52158	1.253213	100	1.7
1551.584	883.584	318.7874	16.33204	0.372985	0.972337	469.8203	1055.919	0.276455	0.503436	303.75	76.25372	1.183426	100	1.5
1551.737	883.737	318.7929	16.37894	0.375176	0.980567	468.5345	1036.584	0.278624	0.492021	316.5103	80.90007	1.251998	100	1.6
1551.889	883.889	318.7984	16.38054	0.370915	1.002725	466.9991	1027.231	0.274496	0.478114	341.3992	92.27676	1.427945	100	2.2
1552.042	884.042	318.8039	16.38215	0.389113	0.929764	465.3555	1027.49	0.292304	0.511112	271.2869	66.45563	1.028289	100	0.9
1552.194	884.194	318.8094	16.42613	0.394602	0.93578	463.341	1022.265	0.297707	0.526261	242.9237	59.37391	0.916293	100	0.6
1552.346	884.346	318.8149	16.44193	0.374956	1.106888	459.4754	1012.098	0.278528	0.498377	307.8719	77.69081	1.197848	100	1.6
1552.499	884.499	318.8204	16.53596	0.361914	1.136631	454.5663	988.7222	0.265843	0.482185	347.7223	95.90309	1.470358	100	2.5
1552.651	884.651	318.8259	16.54029	0.330062	1.340501	448.1869	964.5573	0.234949	0.430462	461.7321	329.6708	5.053185	100	13.8
1552.804	884.804	318.8314	16.46797	0.30551	1.505627	441.5516	930.1097	0.211278	0.391946	547.5506	508.6972	7.831258	100	24.3
1552.956	884.956	318.8369	16.47462	0.290799	1.651435	434.6338	895.9144	0.197167	0.369158	598.4711	588.7649	9.060396	100	29.9
1553.108	885.108	318.8424	16.48154	0.281452	1.688443	429.9248	876.5341	0.188237	0.353133	632.9098	635.6217	9.777554	100	33.5
1553.261	885.261	318.8479	16.47369	0.271793	1.751687	427.0899	867.1591	0.179028	0.329738	677.9037	690.4128	10.62555	100	37.9
1553.413	885.413	318.8534	16.49064	0.301547	1.231178	428.2982	892.0934	0.207582	0.383311	564.5667	537.1312	8.258249	100	25.9
1553.566	885.566	318.8589	16.47787	0.327343	1.026352	433.1331	926.5881	0.232496	0.423779	474.3399	360.5337	5.547439	100	15.3
1553.718	885.718	318.8644	16.53128	0.371008	0.790885	442.5824	957.6013	0.274942	0.494258	318.5039	81.68377	1.252852	100	1.6
1553.87	885.87	318.8699	16.59534	0.375574	0.792722	452.2973	964.9472	0.279427	0.500755	303.3491	76.11686	1.163032	100	1.3
1554.023	886.023	318.8754	16.65519	0.358703	0.903221	459.0326	963.3045	0.263013	0.471899	365.8206	108.991	1.659449	100	2.9
1554.175	886.175	318.8809	16.66659	0.361454	0.896084	461.396	976.3251	0.265721	0.48116	349.3048	96.87431	1.473991	100	2.4
1554.328	886.328	318.8864	16.6726	0.367152	0.877146	459.2766	992.0362	0.271301	0.492445	326.0301	84.81373	1.290044	100	1.8
1554.48	886.48	318.8919	16.67697	0.36725	0.888099	455.5357	981.1546	0.271426	0.491022	327.8225	85.60343	1.301738	100	1.8
1554.632	886.632	318.8974	16.68557	0.372029	0.870357	451.365	935.6658	0.276116	0.493462	317.9815	81.47673	1.238372	100	1.6
1554.785	886.785	318.9029	16.67768	0.380713	0.824824	445.8618	923.0955	0.284624	0.501354	295.3499	73.48355	1.117422	100	1.2
1554.937	886.937	318.9084	16.6641	0.391953	0.764656	442.702	935.0035	0.295647	0.515309	260.881	63.73279	0.969942	100	0.7
1555.09	887.09	318.9139	16.6687	0.364196	0.923566	442.1283	958.4428	0.268569	0.47022	360.4724	104.6155	1.591721	100	2.7
1555.242	887.242	318.9194	16.61337	0.330874	1.169918	447.6294	959.1495	0.236239	0.418709	476.1713	364.8644	5.56974	100	15.3
1555.394	887.394	318.9249	16.77239	0.309418	1.405394	453.7473	936.9441	0.215547	0.397189	534.425	485.429	7.340929	100	22.3
1555.547	887.547	318.9304	16.8268	0.297922	1.533966	459.1205	906.035	0.204512	0.385556	565.706	538.9702	8.124727	100	25.9
1555.699	887.699	318.9359	16.90172	0.299668	1.414105	463.3318	886.0443	0.20622	0.390358	556.7231	524.2548	7.868467	100	24.9
1555.852	887.852	318.9415	16.99127	0.307732	1.239788	462.9353	871.6819	0.214011	0.406821	523.252	464.6139	6.937201	100	21.1
1556.004	888.004	318.9469	17.09731	0.303536	1.165734	467.0645	840.185	0.21	0.39873	539.9526	495.378	7.351461	100	22.7
1556.156	888.156	318.9524	17.15801	0.277444	1.384314	465.7063	789.6369	0.184994	0.36927	615.1168	612.0324	9.051123	100	31.3
1556.309	888.309	318.958	17.32602	0.23957	2.019382	458.5951	696.2292	0.148965	0.321492	730.7703	748.1754	10.95909	100	44.8

1556.461	888.461	318.9634	17.32849	0.219122	2.4058	446.6133	607.8958	0.129681	0.299624	787.5592	805.0836	11.79119	100	53
1556.614	888.614	318.969	17.33095	0.210224	1.765548	440.6212	535.5737	0.121343	0.278521	828.1871	843.8179	12.35695	100	57.9
1556.766	888.766	318.9745	17.33342	0.215438	0.338668	434.245	494.7851	0.126273	0.283358	814.7096	831.0979	12.16915	100	55.1
1556.918	888.918	318.9799	17.33588	0.206999	0.054763	428.3972	451.7953	0.118376	0.281973	827.5185	843.1893	12.34465	100	58.2
1557.071	889.071	318.9855	17.33835	0.183141	0.107024	422.7758	392.3119	0.096114	0.268269	877.151	889.3313	13.01856	100	70
1557.223	889.223	318.991	17.34081	0.183397	0.297234	416.8099	355.8517	0.096382	0.281355	858.7236	872.2998	12.76765	100	68.6
1557.376	889.376	318.9965	17.34328	0.189766	0.368982	410.9786	357.8121	0.102346	0.288955	840.0059	854.8897	12.51125	100	64.8
1557.528	889.528	319.002	17.34575	0.210224	0.540902	396.4894	356.5701	0.121521	0.320988	769.3373	787.252	11.51993	100	53.5
1557.68	889.68	319.0074	17.39236	0.232742	0.372172	390.7204	367.1756	0.142769	0.35396	694.514	709.2067	10.3507	100	42.9
1557.833	889.833	319.013	17.39483	0.246883	0.285407	391.6662	387.2815	0.156195	0.373627	648.8459	655.7569	9.569419	100	37
1557.985	889.985	319.0185	17.55939	0.238827	0.386124	396.8719	415.9835	0.148587	0.346703	696.4992	711.4096	10.28613	100	41.5
1558.138	890.138	319.024	17.75921	0.226157	0.452118	400.2004	436.9481	0.136638	0.315035	756.6906	774.6591	11.07714	100	47.5
1558.29	890.29	319.0295	17.82707	0.234481	0.463571	397.3686	445.3551	0.144533	0.32325	734.4603	752.0074	10.71327	100	44.2
1558.442	890.442	319.035	17.83019	0.269657	0.332923	392.6202	437.466	0.177995	0.38279	606.1159	599.6045	8.540759	100	29.9
1558.595	890.595	319.0405	17.91221	0.263504	0.379372	388.0032	426.3072	0.172155	0.380627	617.1608	614.8066	8.718137	100	31.3
1558.747	890.747	319.046	17.9725	0.199831	0.729269	384.5217	420.7288	0.112014	0.321852	781.2645	798.9619	11.29246	100	55.3
1558.9	890.9	319.0515	17.99048	0.128987	2.244962	383.9085	424.7167	0.047167	0.26003	956.0689	961.9515	13.58303	100	100
1559.052	891.052	319.057	17.90591	0.105245	3.7461	379.0847	438.3241	0.026872	0.242938	1007.662	1009.953	14.32698	100	100
1559.204	891.204	319.0625	17.83378	0.118335	2.920741	372.0323	449.6073	0.038107	0.254991	975.5248	979.962	13.95682	100	100
1559.357	891.357	319.068	17.71268	0.151474	1.271871	363.0405	447.4308	0.067275	0.286371	891.9693	902.977	12.94677	100	85.1
1559.509	891.509	319.0735	17.6157	0.1399	1.436607	359.3161	437.9227	0.056699	0.266	934.6747	942.2333	13.58279	100	97
1559.662	891.662	319.079	17.57469	0.099687	2.811695	362.8348	426.1045	0.022232	0.231568	1029.756	1030.794	14.89369	100	100
1559.814	891.814	319.0845	17.58691	0.041971	3.1926	377.3219	415.5256	-0.02715	0.16961	1183.402	1183.173	17.08396	100	100
1559.966	891.966	319.09	17.59903	0.032798	3.207521	399.669	402.9402	-0.03497	0.153348	1216.64	1218.288	17.57936	100	100
1560.119	892.119	319.0955	17.61051	0.069214	3.231247	424.0247	408.465	-0.00377	0.189532	1123.643	1122.121	16.18158	100	100
1560.271	892.271	319.101	17.62443	0.148447	1.890297	443.5264	445.5503	0.064673	0.260949	930.6422	938.5236	13.52372	100	90.9
1560.424	892.424	319.1065	17.64219	0.166037	1.872698	456.1559	527.1308	0.080902	0.292752	864.3574	877.5163	12.63232	100	75.5
1560.576	892.576	319.112	17.61294	0.137128	3.773123	459.6188	631.7568	0.054461	0.271642	929.9772	937.912	13.52395	100	98.6
1560.728	892.728	319.1175	17.6107	0.171668	2.689204	459.8917	743.8827	0.086172	0.322202	816.4437	832.7408	12.00914	100	69.4
1560.881	892.881	319.123	17.54442	0.240987	1.479653	470.4371	844.4948	0.151195	0.401777	616.8996	614.453	8.894157	100	35.7
1561.033	893.033	319.1285	17.43277	0.29939	1.14252	474.005	931.4315	0.206988	0.458097	462.1819	330.8043	4.81856	100	14.5
1561.186	893.186	319.134	17.36697	0.327034	1.262576	478.958	991.2383	0.233678	0.466992	413.0754	188.5561	2.756814	100	6.9
1561.338	893.338	319.1395	17.35166	0.346871	1.385526	479.4738	1029.498	0.252931	0.476142	373.879	116.6474	1.706967	100	3.4
1561.49	893.49	319.145	17.30548	0.358583	1.177537	480.6297	1044.383	0.264346	0.489349	339.9006	91.47153	1.342086	100	2.2
1561.643	893.643	319.1505	17.27497	0.349287	1.240644	479.8755	1053.671	0.255337	0.466571	383.7668	128.3056	1.885819	100	3.9
1561.795	893.795	319.156	17.25807	0.353838	1.189693	479.2393	1069.573	0.25979	0.465846	378.6229	121.8839	1.793187	100	3.5
1561.948	893.948	319.1615	17.31464	0.339847	1.43195	478.426	1099.304	0.246234	0.435797	438.798	268.4156	3.936363	100	10.1
1562.1	894.1	319.167	17.24561	0.352121	1.238589	479.0402	1123.999	0.25818	0.460785	387.8283	134.0142	1.97311	100	4.1
1562.252	894.252	319.1725	17.17342	0.366124	1.111162	480.1959	1128.779	0.271837	0.488493	330.745	86.93207	1.285228	100	1.9
1562.405	894.405	319.178	17.09954	0.387597	0.989634	481.5225	1114.542	0.292833	0.52445	252.1504	61.56428	0.914069	100	0.7
1562.557	894.557	319.1835	16.99999	0.388472	1.028525	483.5151	1110.926	0.293718	0.524194	251.2809	61.35359	0.91621	100	0.7
1562.71	894.71	319.189	16.94063	0.388552	1.062411	486.3907	1127.935	0.293827	0.519543	257.5498	62.8937	0.942467	100	0.8
1562.862	894.862	319.1945	16.8884	0.393372	0.988504	489.6371	1168.641	0.298574	0.525944	242.1654	59.1982	0.889809	100	0.6
1563.014	895.014	319.2	16.83736	0.401204	0.950434	492.1122	1218.386	0.306278	0.535668	218.1149	53.92761	0.813022	100	0.3
1563.167	895.167	319.2055	16.78866	0.390201	1.0275	493.9769	1244.095	0.295529	0.516459	259.4564	63.37213	0.958159	100	0.8
1563.319	895.319	319.211	16.78601	0.39121	1.051742	494.3581	1249.297	0.296545	0.522342	249.935	61.02926	0.922893	100	0.7
1563.472	895.472	319.2165	16.78486	0.37673	1.135391	493.7843	1239.92	0.282419	0.498468	302.3755	75.78653	1.146149	100	1.4
1563.624	895.624	319.222	16.7397	0.353456	1.325802	493.3254	1224.639	0.259772	0.456769	391.1733	139.2022	2.110848	100	4.5
1563.776	895.776	319.2275	16.80039	0.344151	1.437923	493.106	1223.46	0.250763	0.429909	440.6722	273.6882	4.13544	100	10.6
1563.929	895.929	319.233	16.75717	0.370377	1.213898	493.2445	1241.658	0.276308	0.478444	338.4414	90.70555	1.374074	100	2.1
1564.081	896.081	319.2385	16.76306	0.384299	1.108577	493.7438	1257.807	0.289933	0.501073	288.4123	71.33385	1.080259	100	1.2
1564.234	896.234	319.244	16.78045	0.387547	1.076754	494.5945	1278.396	0.293138	0.507396	275.2638	67.54077	1.021786	100	1
1564.386	896.386	319.2495	16.80726	0.367851	1.266253	495.573	1268.599	0.273934	0.472806	349.4989	96.99539	1.4651	100	2.4
1564.538	896.538	319.255	16.85168	0.354029	1.449887	495.5932	1257.898	0.260506	0.455555	391.8361	140.2873	2.113537	100	4.5
1564.691	896.691	319.2605	16.90048	0.339947	1.626786	494.8422	1215.038	0.246862	0.440059	432.0489	249.0078	3.740864	100	9.6
1564.843	896.843	319.266	16.93788	0.336197	1.537752	492.831	1176.12	0.243256	0.437539	440.5025	273.2128	4.09562	100	10.8
1564.996	896.996	319.2716	16.93109	0.334037	1.444477	489.3428	1151.766	0.241194	0.434581	447.4315	292.297	4.383502	100	11.7
1565.148	897.148	319.277	16.89302	0.336438	1.339045	485.7727	1132.595	0.243549	0.435397	443.0542	280.3182	4.213265	100	11
1565.3	897.3	319.2825	16.87158	0.36605	1.032609	483.0459	1132.938	0.272355	0.48446	335.5954	89.2602	1.343309	100	2
1565.453	897.453	319.2881	16.88128	0.391267	0.844433	482.5903	1124.5	0.297015	0.523863	247.1889	60.3742	0.908092	100	0.6
1565.605	897.605	319.2935	16.89734	0.392638	0.801674	484.6355	1130.694	0.298386	0.524087	244.9864	59.85511	0.899453	100	0.5
1565.758	897.758	319.2991	16.84766	0.378849	0.868297	487.5109	1150.675	0.284931	0.500213	296.5017	73.85188	1.11303	100	1.2
1565.91	897.91	319.3046	16.84036	0.38991	0.831098	490.1043	1171.371	0.295774	0.519117	255.4508	62.3725	0.940439	100	0.7
1566.062	898.062	319.31	16.7993	0.39253	0.855582	491.5619	1200.903	0.298368	0.51816	253.1907	61.81756	0.934334	100	0.6
1566.215	898.215	319.3156	16.8113	0.383299	0.924346	492.1172	1216.377	0.289367	0.498653	292.5323	72.59661	1.096496	100	1.2
1566.367	898.367	319.321	16.93698	0.414425	0.756566	492.0192	1230.625	0.319903	0.553135	175.2066	45.75145	0.685979	92.6	0
1566.52	898.52	319.3266	16.97152	0.385941	0.928473	491.5637	1226.118	0.292009	0.505157	279.9104	68.8433	1.030152	100	1
1566.672	898.672	319.3321	16.93279	0.405652	0.86486	490.6288	1230.277	0.311348	0.53924	206.1888	51.51017	0.772534	100	0.2
1566.824	898.824	319.3375	16.9288	0.378293	1.032546	490.1697	1248.587	0.284594	0.488835	312.6674	79.43682	1.191664	100	1.5
1566.977	898.977	319.3431	16.91442	0.380613	0.984934	489.9504	1274.133	0.28689	0.495931	299.7072	74.89561	1.124498	100	1.3
1567.129	899.129	319.3486	16.88297	0.372953	0.99784	489.5538	1298.445	0.27944	0.484084	326.3373	84.94777	1.277786	100	1.8
1567.282	899.282	319.3541	16.78758	0.37882	0.927797	488.8586	1309.154	0.285197	0.496065	301.8579	75.61207	1.143753	100	1.3
1567.434	899.434	319.3596	16.87684	0.395169	0.864018	487.448	1285.591	0.301218	0.519524	247.3762	60.41859	0.90917	100	0.6
1567.586	899.586	319.3651	16.94597	0.388125	0.898394	486.989	1276.267	0.294352	0.501168	282.182	69.49457	1.041552	100	1
1567.739	899.739	319.3706	16.99959	0.385091	0.914809	486.7107	1272.111	0.291414	0.495615	293.9	73.02468	1.091071	100	1.1
1567.891	899.891	319.3761	17.06788	0.391218	0.858289	486.6126	1281.296	0.297437	0.512332	262.5189	64.15091	0.954721	100	0.7
1568.044	900.044	319.3816	17.06793	0.379888	0.921497	486.8691	1268.587	0.286388	0.498616	296.6943	73.91382	1.10003	100	1.2
1568.196	900.196	319.3871	17.11269	0.397816	0.831927	486.2363	1254.48	0.303959	0.530939	227.8413	55.99168	0.831167	100	0.3
1568.348	900.348	319.3926	17.2111	0.37955	0.967162	485.4787	1230.347	0.286116	0.497215	299.0024	74.66371	1.102118	100	1.2
1568.501	900.501	319.3981	17.1967	0.377309	0.975506	485.7976	1220.008	0.283957	0.490466	311.2967	78.92908	1.166057	100	1.4

1568.653	900.653	319.4036	17.1255	0.383526	0.937789	489.8743	1220.344	0.29006	0.49498	296.6452	73.89802	1.096217	100	1.2
1568.806	900.806	319.4091	17.01618	0.389207	0.870272	496.1366	1229.981	0.295647	0.501682	279.6861	68.77954	1.026763	100	0.9
1568.958	900.958	319.4146	17.01224	0.403939	0.799025	495.5268	1245.155	0.310109	0.529794	220.9341	54.51701	0.814045	100	0.3
1569.11	901.11	319.4201	16.95077	0.384909	0.905721	492.7343	1245.271	0.291501	0.500274	287.3512	71.01484	1.064197	100	1.1
1569.263	901.263	319.4256	16.95022	0.386677	0.896834	488.1174	1226.141	0.293259	0.503191	280.8984	69.12537	1.035931	100	1
1569.415	901.415	319.4311	16.9272	0.392622	0.843751	483.7692	1206.885	0.299106	0.510128	263.2578	64.34075	0.965535	100	0.7
1569.568	901.568	319.4366	16.93137	0.399231	0.841313	482.9592	1188.47	0.30561	0.522807	236.7851	57.96917	0.869721	100	0.4
1569.72	901.72	319.4421	16.92971	0.393955	0.835634	484.407	1173.374	0.300471	0.515993	253.2804	61.83946	0.927891	100	0.6
1569.872	901.872	319.4476	16.89795	0.404403	0.767805	486.6982	1154.563	0.310741	0.535539	212.1344	52.70032	0.792237	100	0.2
1570.025	902.025	319.4531	17.00431	0.413377	0.691445	488.5006	1115.141	0.31958	0.549003	181.3549	46.83847	0.699783	93.2	0
1570.177	902.177	319.4586	17.05757	0.387897	0.883743	489.9582	1125.04	0.294629	0.501976	280.6855	69.06443	1.028686	100	0.9
1570.33	902.33	319.4641	17.11971	0.360344	1.069156	491.4029	1217.284	0.267769	0.449715	389.8717	137.1276	2.035183	100	4
1570.482	902.482	319.4696	17.22082	0.344903	1.325474	492.2042	1331.446	0.252788	0.425673	443.7234	282.1665	4.163627	100	10.6
1570.634	902.634	319.4751	17.27757	0.363208	1.096841	491.7484	1406.818	0.270616	0.47326	353.4513	99.55617	1.464315	100	2.4
1570.787	902.787	319.4806	17.27934	0.356319	1.157857	489.6846	1408.374	0.26394	0.46671	371.7029	114.4378	1.683055	100	3.1
1570.939	902.939	319.4861	17.2864	0.34576	1.113429	488.7465	1344.773	0.253708	0.459724	395.4641	146.5912	2.155106	100	4.6
1571.092	903.092	319.4916	17.33901	0.308348	1.469758	490.8475	1280.709	0.217555	0.408658	515.8261	450.2278	6.599344	100	20
1571.244	903.244	319.4971	17.39352	0.298832	1.610836	495.702	1231.247	0.208425	0.414274	520.6752	459.6735	6.717126	100	21.2
1571.396	903.396	319.5026	17.41285	0.322602	1.436271	497.3992	1207.309	0.231366	0.449417	440.5189	273.2588	3.98878	100	10.9
1571.549	903.549	319.5081	17.49223	0.375119	1.101602	497.4194	1213.139	0.282407	0.514785	279.8753	68.83333	1.000297	100	1.1
1571.701	903.701	319.5136	17.49831	0.386926	1.032128	495.7691	1218.764	0.293973	0.509772	270.8329	66.33339	0.963653	100	0.9
1571.854	903.854	319.5191	17.58999	0.382118	0.998757	494.9558	1229.109	0.289302	0.491773	302.1166	75.69918	1.094098	100	1.2
1572.006	904.006	319.5246	17.59153	0.363612	1.065014	496.7023	1254.173	0.271274	0.46128	369.0753	111.9148	1.617415	100	2.8
1572.158	904.158	319.5301	17.59772	0.34335	1.12007	500.07	1313.539	0.251605	0.430252	439.0376	269.0923	3.887689	100	9.7
1572.311	904.311	319.5356	17.59841	0.338186	1.057823	503.5363	1396.448	0.246625	0.425107	453.0098	307.1895	4.437988	100	11.5
1572.463	904.463	319.5411	17.62265	0.327991	1.092	502.5522	1455.075	0.236783	0.40462	494.8652	407.0165	5.872337	100	16.3
1572.616	904.616	319.5466	17.64513	0.347669	0.956989	496.6289	1460.55	0.255886	0.441203	418.0175	204.8967	2.952546	100	6.8
1572.768	904.768	319.5521	17.59685	0.375296	0.816139	491.9756	1436.485	0.282814	0.493137	309.1883	78.1618	1.129357	100	1.3
1572.92	904.92	319.5576	17.57169	0.381371	0.897015	489.2488	1406.595	0.288777	0.500915	290.2248	71.88456	1.040133	100	1
1573.073	905.073	319.5631	17.59706	0.391736	0.976012	489.6235	1362.346	0.298943	0.509817	263.9109	64.50922	0.932107	100	0.7
1573.225	905.225	319.5686	17.68729	0.404738	0.960204	491.2583	1308.179	0.311715	0.516467	237.1082	58.04211	0.834473	100	0.4
1573.378	905.378	319.5741	17.75437	0.401677	1.039456	494.3668	1254.693	0.308742	0.505142	256.8401	62.71682	0.898351	100	0.6
1573.53	905.53	319.5796	17.77153	0.408657	1.037974	497.6164	1229.457	0.31562	0.522799	222.9819	54.94962	0.78636	100	0.3
1573.682	905.682	319.5851	17.68986	0.377044	1.25689	500.5673	1258.234	0.284696	0.471243	336.8038	89.86626	1.291882	100	1.9
1573.835	905.835	319.5906	17.74289	0.371377	1.202143	501.4213	1294.968	0.279196	0.463305	355.3497	100.8558	1.445631	100	2.3
1573.987	905.987	319.5961	17.77157	0.350446	1.315401	499.7741	1359.091	0.258847	0.423447	438.4343	267.3864	3.826608	100	9.4
1574.14	906.14	319.6017	17.84305	0.365718	1.195377	496.4043	1399.678	0.273737	0.462489	364.0085	107.452	1.531742	100	2.6
1574.292	906.292	319.6071	17.90182	0.362659	1.1988	492.7158	1443.689	0.270787	0.462774	367.6861	110.6407	1.572143	100	2.8
1574.444	906.444	319.6126	17.95202	0.373191	1.080642	490.7635	1426.161	0.281083	0.485889	321.5796	82.92865	1.175157	100	1.5
1574.597	906.597	319.6182	18.01095	0.36921	1.133873	490.8428	1391.604	0.277229	0.476264	340.1791	91.61972	1.294172	100	1.9
1574.749	906.749	319.6236	17.98455	0.380777	1.064405	491.9953	1356.764	0.288548	0.500863	290.6127	72.0034	1.01856	100	1.1
1574.902	906.902	319.6292	18.02327	0.380168	1.026238	493.7976	1332.161	0.287983	0.501291	290.803	72.06182	1.017255	100	1
1575.054	907.054	319.6346	18.064	0.388434	0.917925	495.1371	1357.698	0.296094	0.514511	261.3655	63.85609	0.899442	100	0.6
1575.206	907.206	319.6401	18.06716	0.397141	0.834651	496.7128	1403.333	0.304648	0.524837	235.3118	57.63792	0.811729	100	0.3
1575.359	907.359	319.6457	17.97112	0.389176	0.872141	497.9211	1438.31	0.296878	0.505727	272.4045	66.75795	0.945104	100	0.7
1575.511	907.511	319.6511	17.94305	0.386538	0.958791	498.8996	1434.217	0.294327	0.500411	283.2618	69.80767	0.989808	100	0.9
1575.664	907.664	319.6567	17.9014	0.387407	1.065137	499.5139	1415.065	0.295206	0.501337	280.7705	69.08875	0.981863	100	0.9
1575.816	907.816	319.6622	17.90524	0.402508	0.970724	499.0614	1380.568	0.310026	0.527029	224.8638	55.35057	0.786467	100	0.3
1575.968	907.968	319.6676	17.77266	0.41082	0.934979	497.4668	1341.339	0.318213	0.539887	195.8217	49.50307	0.708537	100	0
1576.121	908.121	319.6732	17.66455	0.402575	0.999745	494.5104	1306.25	0.310151	0.525164	227.2654	55.86703	0.804439	100	0.4
1576.273	908.273	319.6787	17.53335	0.377821	1.28991	492.138	1262.841	0.285954	0.485858	314.8996	80.27938	1.16447	100	1.6
1576.426	908.426	319.6842	17.47403	0.367223	1.399275	489.7822	1243.466	0.275644	0.470051	350.941	97.90813	1.424939	100	2.4
1576.578	908.578	319.6897	17.37041	0.377285	1.284883	488.4797	1239.572	0.285489	0.49388	304.4715	76.50129	1.119935	100	1.4
1576.73	908.73	319.6952	17.34558	0.382498	1.181958	487.6071	1239.938	0.290611	0.501992	286.2079	70.67381	1.036097	100	1.1
1576.883	908.883	319.7007	17.3101	0.39818	1.035273	489.8853	1249.798	0.305989	0.529987	226.3544	55.67047	0.817802	100	0.4
1577.035	909.035	319.7062	17.23838	0.399385	0.98603	493.4335	1235.385	0.307199	0.528506	226.7277	55.75091	0.82235	100	0.4
1577.188	909.188	319.7117	17.13838	0.408162	0.891394	496.1285	1250.246	0.315837	0.544472	192.7734	48.92875	0.725879	100	0.1
1577.34	909.34	319.7172	17.14819	0.382038	1.044408	496.4572	1245.531	0.290279	0.499401	290.2415	71.88967	1.065929	100	1.2
1577.492	909.492	319.7227	17.19945	0.394899	0.950417	495.5222	1259.533	0.302891	0.523888	239.0458	58.48185	0.864594	100	0.5
1577.645	909.645	319.7282	17.24858	0.39072	0.995442	494.9452	1288.18	0.298829	0.519435	250.7961	61.23652	0.902792	100	0.7
1577.797	909.797	319.7337	17.23275	0.38213	1.094706	495.2049	1322.497	0.290456	0.506754	279.8503	68.82622	1.015618	100	1
1577.95	909.95	319.7392	17.24563	0.376564	1.191458	495.1662	1342.231	0.285049	0.497919	299.5039	74.82858	1.103395	100	1.4
1578.102	910.102	319.7447	17.22498	0.372128	1.216038	492.8626	1322.526	0.280748	0.491224	314.6788	80.19514	1.183941	100	1.6
1578.254	910.254	319.7502	17.24384	0.377491	1.161844	488.6983	1284.148	0.286012	0.5039	289.921	71.79176	1.058754	100	1.2
1578.407	910.407	319.7557	17.2196	0.34604	1.366615	484.9706	1241.443	0.255417	0.451997	403.7684	163.7042	2.417622	100	5.5
1578.559	910.559	319.7612	17.1474	0.332403	1.372556	484.2064	1208.036	0.242225	0.425501	458.5385	321.5505	4.768499	100	12.9
1578.712	910.712	319.7667	17.2043	0.332207	1.303337	485.5919	1198.052	0.242064	0.427722	455.6957	314.2149	4.6446	100	12.5
1578.864	910.864	319.7722	17.18476	0.32337	1.362597	486.7509	1203.13	0.233544	0.417976	480.9014	375.8782	5.562387	100	15.7
1579.016	911.016	319.7777	17.21039	0.314939	1.486358	485.514	1218.292	0.225433	0.407736	506.2272	430.9356	6.367884	100	18.8
1579.169	911.169	319.7832	17.21078	0.331933	1.314645	482.8627	1220.075	0.241886	0.43665	443.6198	281.8806	4.165285	100	11.1
1579.321	911.321	319.7887	17.29329	0.353606	1.175413	480.6676	1210.052	0.262943	0.464649	375.9229	118.8298	1.747696	100	3.4
1579.474	911.474	319.7942	17.39846	0.368989	1.082001	478.8434	1209.814	0.27795	0.482407	330.7065	86.91422	1.27071	100	1.8
1579.626	911.626	319.7997	17.45496	0.373583	1.063393	478.916	1218.028	0.282461	0.488299	316.3519	80.83853	1.178136	100	1.5
1579.778	911.778	319.8052	17.40858	0.382589	1.012865	478.7589	1220.522	0.291286	0.509018	275.5806	67.62837	0.988209	100	0.9
1579.931	911.931	319.8107	17.35419	0.378687	1.019569	479.2551	1207.217	0.287502	0.497305	296.9663	74.00145	1.084685	100	1.2
1580.083	912.083	319.8162	17.36343	0.396935	0.895782	479.5147	1203.59	0.305383	0.519296	241.9423	59.14661	0.866507	100	0.5
1580.236	912.236	319.8217	17.36566	0.392046	0.90759	480.0699	1209.173	0.300623	0.503191	270.7363	66.30743	0.971305	100	0.8
1580.388	912.388	319.8272	17.3302	0.381439	0.9269	480.0933	1228.627	0.290278	0.493363	298.5745	74.52358	1.093874	100	1.2
1580.54	912.54	319.8327	17.32981	0.373648	0.936138	480.2906	1234.241	0.2827	0.489315	314.6204	80.1729	1.176839	100	1.5
1580.693	912.693	319.8382	17.33056	0.392446	0.80657	480.7868	1229.365	0.301103	0.527323	236.7718	57.96618	0.850848	100	0.4

1580.845	912.845	319.8437	17.35985	0.371717	0.968805	481.1679	1213.354	0.280874	0.489044	317.5139	81.29238	1.191275	100	1.5
1580.998	912.998	319.8492	17.39836	0.355061	1.125045	481.5425	1211.927	0.26468	0.455906	385.5906	130.7938	1.912532	100	3.8
1581.15	913.15	319.8547	17.32707	0.359788	1.125612	481.4478	1229.07	0.269308	0.462093	370.6668	113.4246	1.66529	100	3
1581.302	913.302	319.8602	17.41686	0.348261	1.198188	481.9471	1250.971	0.258129	0.440986	415.2209	195.346	2.853544	100	6.6
1581.455	913.455	319.8657	17.48651	0.366578	1.000488	483.6903	1275.096	0.27598	0.474881	343.8121	93.61521	1.36216	100	2.1
1581.607	913.607	319.8712	17.60783	0.372519	0.912441	487.3501	1292.678	0.281802	0.481985	325.9731	84.78892	1.225394	100	1.6
1581.76	913.76	319.8767	17.66817	0.364591	0.966888	492.3062	1298.99	0.274103	0.469969	353.1816	99.37538	1.431404	100	2.3
1581.912	913.912	319.8822	17.72504	0.329599	1.239995	496.5764	1300.555	0.240153	0.408349	485.0674	385.3788	5.53359	100	15.3
1582.064	914.064	319.8877	17.76854	0.342534	1.171951	497.555	1267.346	0.252716	0.446994	414.4013	192.6995	2.760329	100	6.5
1582.217	914.217	319.8932	17.76447	0.344834	1.323009	495.0219	1248.577	0.254977	0.455881	399.0157	153.4152	2.198126	100	4.9
1582.369	914.369	319.8987	17.84183	0.366514	1.2604	491.0347	1229.413	0.276093	0.493539	317.9084	81.44784	1.162033	100	1.6
1582.522	914.522	319.9042	17.91802	0.379334	1.166766	490.1031	1238.563	0.288631	0.508907	279.397	68.69747	0.976047	100	1
1582.674	914.674	319.9097	17.99303	0.391308	1.102686	492.9818	1242.767	0.300368	0.51869	249.7002	60.97292	0.862769	100	0.6
1582.826	914.826	319.9152	18.01896	0.395065	1.099477	497.6623	1242.156	0.304077	0.521323	240.9484	58.91749	0.832521	100	0.5
1582.979	914.979	319.9207	18.08091	0.391762	1.135581	500.715	1233.231	0.300872	0.516169	252.4847	61.64551	0.868157	100	0.6
1583.131	915.131	319.9262	18.08364	0.378569	1.205082	500.0886	1218.525	0.288	0.497186	296.4429	73.83299	1.039655	100	1.2
1583.284	915.284	319.9318	18.04857	0.374498	1.235367	497.7885	1223.752	0.284055	0.489547	312.4303	79.34849	1.119463	100	1.5
1583.436	915.436	319.9372	18.0783	0.393824	1.055456	495.6556	1249.262	0.302978	0.521094	242.7809	59.34077	0.835853	100	0.5
1583.588	915.588	319.9427	18.03795	0.392731	0.993087	494.8947	1283.675	0.301937	0.517339	249.3991	60.90074	0.859719	100	0.5
1583.741	915.741	319.9483	18.0488	0.367093	1.057626	494.9149	1300.09	0.27692	0.474208	343.4439	93.40752	1.31785	100	2
1583.893	915.893	319.9537	18.03185	0.36814	0.990714	494.9973	1300.358	0.27797	0.479333	334.9216	88.92692	1.255809	100	1.8
1584.046	916.046	319.9593	17.91187	0.377773	0.970866	494.302	1262.081	0.287398	0.498387	295.6163	73.56842	1.045755	100	1.1
1584.198	916.198	319.9647	17.87412	0.403675	0.870836	492.2939	1227.843	0.312779	0.541323	201.3388	50.56066	0.720205	100	0.1
1584.35	916.35	319.9702	17.78542	0.389892	1.031314	490.6403	1213.464	0.299304	0.51478	256.5645	62.64832	0.896766	100	0.7
1584.503	916.503	319.9758	17.69359	0.37721	1.113529	489.2919	1218.565	0.286935	0.488834	309.4381	78.25186	1.125844	100	1.4
1584.655	916.655	319.9812	17.55862	0.368786	1.136935	488.8328	1237.31	0.278745	0.473281	342.2043	92.71747	1.344061	100	2.1
1584.808	916.808	319.9868	17.40524	0.360109	1.200007	487.7207	1246.931	0.27032	0.456079	377.569	120.6676	1.764419	100	3.3
1584.96	916.96	319.9923	17.35097	0.334702	1.454279	485.7094	1247.798	0.245677	0.404481	482.7821	380.19	5.576387	100	15.2
1585.112	917.112	319.9977	17.3075	0.346655	1.348564	484.118	1244.556	0.257299	0.422049	442.5	278.7827	4.09918	100	10.3
1585.265	917.265	320.0033	17.33825	0.336987	1.435084	484.7322	1234.678	0.24795	0.397059	489.8888	396.148	5.814815	100	15.8
1585.417	917.417	320.0088	17.32116	0.344652	1.37794	487.0825	1244.669	0.255413	0.422428	444.5802	284.5241	4.180474	100	10.7
1585.57	917.57	320.0143	17.30054	0.343517	1.424419	489.2426	1244.189	0.254341	0.431919	432.9611	251.6699	3.702146	100	9.3
1585.722	917.722	320.0198	17.31996	0.381809	1.060636	489.2692	1238.099	0.291661	0.507665	276.9303	68.00348	0.999263	100	1
1585.874	917.874	320.0253	17.3257	0.379914	1.045786	488.3342	1215.392	0.289839	0.502377	286.7422	70.83284	1.040515	100	1.1
1586.027	918.027	320.0308	17.32664	0.355181	1.233595	484.4883	1197.541	0.26576	0.454162	386.5086	132.0919	1.940318	100	3.9
1586.179	918.179	320.0363	17.33302	0.354901	1.276034	482.1094	1179.945	0.265516	0.454875	385.8607	131.1725	1.926142	100	3.9
1586.332	918.332	320.0418	17.33823	0.366584	1.159077	479.2186	1180.771	0.276919	0.477216	339.2944	91.15117	1.338091	100	2.1
1586.484	918.484	320.0473	17.31224	0.372744	1.077576	477.5583	1194.581	0.282955	0.491611	311.0992	78.85652	1.159335	100	1.5
1586.636	918.636	320.0528	17.28844	0.346822	1.315328	477.0401	1203.784	0.257753	0.447382	406.9136	171.3426	2.5225	100	5.8
1586.789	918.789	320.0583	17.27923	0.353322	1.264688	477.8349	1203.3	0.264098	0.458965	382.1738	126.2262	1.859302	100	3.7
1586.941	918.941	320.0638	17.22558	0.333675	1.512465	480.0046	1193.382	0.245062	0.417822	465.2199	338.3966	4.999919	100	13.6
1587.094	919.094	320.0693	17.17812	0.324655	1.556182	482.2828	1169.604	0.236362	0.395641	507.8356	434.2249	6.433374	100	18.5
1587.246	919.246	320.0748	17.28601	0.330354	1.401481	483.9799	1150.417	0.241905	0.412268	477.2413	367.3771	5.409581	100	14.9
1587.398	919.398	320.0803	17.28103	0.337479	1.269674	485.1389	1125.559	0.248835	0.431881	440.6127	273.5217	4.028774	100	10.4
1587.551	919.551	320.0858	17.28371	0.32589	1.403715	485.9303	1120.087	0.237644	0.413499	481.4227	377.077	5.553302	100	15.6
1587.703	919.703	320.0913	17.2479	0.344873	1.163526	486.9054	1130.558	0.256064	0.446169	410.9175	182.1607	2.688248	100	6.2
1587.856	919.856	320.0968	17.1888	0.362139	1.029133	488.1169	1160.267	0.27288	0.474984	347.9477	96.03974	1.422135	100	2.3
1588.008	920.008	320.1023	17.11952	0.349497	1.167326	489.0953	1190.161	0.260613	0.449869	399.535	154.4719	2.296545	100	5
1588.16	920.16	320.1078	17.09733	0.359202	1.12886	490.1295	1205.723	0.270079	0.469958	358.7496	103.3075	1.537867	100	2.7
1588.313	920.313	320.1133	16.99117	0.359287	1.17607	490.2679	1216.542	0.270191	0.469388	359.3808	103.7814	1.554466	100	2.8
1588.465	920.465	320.1188	17.01479	0.383036	1.005634	489.8121	1226.697	0.293385	0.509317	272.2721	66.72201	0.998026	100	1
1588.618	920.618	320.1243	17.00659	0.390375	0.96429	489.1201	1244.877	0.300592	0.517912	250.4645	61.1566	0.915228	100	0.7
1588.77	920.77	320.1298	16.98713	0.40162	0.870564	488.7792	1254.111	0.311637	0.538043	207.4406	51.75832	0.775467	100	0.2
1588.922	920.922	320.1353	17.05002	0.398288	0.879369	488.6778	1259.96	0.3084	0.531866	220.4336	54.41185	0.812268	100	0.3
1589.075	921.075	320.1408	17.07232	0.384121	0.942019	488.8194	1260.548	0.294562	0.507692	272.8888	66.88957	0.997266	100	0.9
1589.227	921.227	320.1463	17.11345	0.370418	1.027971	489.0758	1260.178	0.28121	0.481164	327.9247	85.64904	1.273945	100	1.8
1589.38	921.38	320.1518	17.16671	0.37999	0.968151	489.5718	1259.814	0.290583	0.496233	294.1936	73.11719	1.084236	100	1.2
1589.532	921.532	320.1573	17.22588	0.376367	1.023367	489.8316	1254.676	0.287074	0.485939	313.2418	79.65173	1.177153	100	1.5
1589.684	921.684	320.1628	17.2896	0.37438	1.057536	489.9731	1245.91	0.285163	0.485994	315.8039	80.62651	1.18725	100	1.5
1589.837	921.837	320.1683	17.40185	0.350255	1.261867	489.9932	1227.492	0.261699	0.449797	398.1354	151.6592	2.219077	100	4.8
1589.989	921.989	320.1738	17.51626	0.358457	1.169098	490.0133	1218.471	0.269704	0.465111	365.9565	109.1089	1.586245	100	2.9
1590.142	922.142	320.1793	17.61899	0.360782	1.137193	489.4986	1214.062	0.271995	0.462052	367.0153	110.0396	1.590627	100	2.8
1590.294	922.294	320.1848	17.60994	0.364727	1.137043	488.324	1214.387	0.275867	0.462269	361.3722	105.3173	1.523157	100	2.6
1590.446	922.446	320.1903	17.65685	0.377995	1.039766	485.9548	1214.732	0.288838	0.486195	310.4554	78.62098	1.134108	100	1.4
1590.599	922.599	320.1958	17.66914	0.375746	1.078345	483.8942	1215.079	0.286671	0.481639	319.7323	82.17563	1.18459	100	1.5
1590.751	922.751	320.2013	17.67238	0.382129	1.038395	481.9386	1215.424	0.292935	0.495058	292.5704	72.60847	1.046503	100	1.1
1590.904	922.904	320.2068	17.6791	0.372371	1.138091	479.4646	1216.01	0.283436	0.482637	322.8197	83.44354	1.202237	100	1.6
1591.056	923.056	320.2123	17.65299	0.355559	1.292526	477.8042	1211.826	0.267087	0.454761	383.8495	128.4158	1.852903	100	3.7
1591.208	923.208	320.2178	17.70213	0.366357	1.173619	477.7062	1203.181	0.277629	0.472786	344.4273	93.96512	1.352138	100	2.1
1591.361	923.361	320.2233	17.69428	0.381017	1.044432	479.2098	1184.272	0.291964	0.497915	289.9662	71.80553	1.033732	100	1.1
1591.513	923.513	320.2288	17.63139	0.407936	0.852663	483.411	1175.141	0.318357	0.545705	187.5949	47.96899	0.693005	99.1	0
1591.666	923.666	320.2343	17.57537	0.400379	0.868534	486.5227	1171.09	0.310973	0.534778	212.8632	52.84823	0.765898	100	0.2
1591.818	923.818	320.2398	17.57297	0.392762	0.890604	488.3413	1172.011	0.303539	0.51819	246.0134	60.09647	0.871072	100	0.5
1591.97	923.97	320.2453	17.6028	0.377783	0.982384	487.7083	1178.449	0.288921	0.490948	303.7812	76.26439	1.103594	100	1.3
1592.123	924.123	320.2508	17.65082	0.397091	0.863179	486.5404	1183.548	0.307838	0.525113	230.5273	56.57728	0.816532	100	0.3
1592.275	924.275	320.2563	17.70399	0.391128	0.89694	485.3626	1192.857	0.302027	0.516352	250.6379	61.19839	0.88063	100	0.6
1592.428	924.428	320.2619	17.75334	0.414268	0.766718	484.7296	1184.05	0.32475	0.556919	163.2969	43.71885	0.627395	86.2	0
1592.58	924.58	320.2673	17.64194	0.406717	0.820292	484.1491	1178.036	0.317364	0.54492	190.0481	48.42118	0.699198	99.5	0
1592.732	924.732	320.2728	17.61443	0.396619	0.887797	484.1692	1172.287	0.307491	0.530717	223.2734	55.0115	0.795592	100	0.3
1592.885	924.885	320.2783	17.59474	0.375823	1.02017	484.6652	1171.205	0.287182	0.501938	291.015	72.127	1.044284	100	1.1

1593.037	925.037	320.2838	17.61487	0.381248	1.005589	485.6436	1171.663	0.292509	0.515698	264.6738	64.70675	0.935812	100	0.8
1593.19	925.19	320.2894	17.61265	0.376941	1.023795	485.9001	1177.718	0.288331	0.510246	277.9633	68.29278	0.987811	100	1
1593.342	925.342	320.2948	17.61477	0.367101	1.14	484.847	1188.562	0.278761	0.487793	322.1555	83.1668	1.202829	100	1.7
1593.494	925.494	320.3003	17.61176	0.36547	1.106938	483.4328	1203.362	0.2772	0.481802	332.5767	87.79236	1.26996	100	1.9
1593.647	925.647	320.3059	17.67378	0.377308	1.032562	482.5012	1204.182	0.288777	0.501868	288.9105	71.48449	1.030507	100	1.1
1593.799	925.799	320.3113	17.64647	0.394681	0.884158	482.6394	1195.814	0.305796	0.534445	220.4673	54.41892	0.785697	100	0.3
1593.952	925.952	320.3169	17.64736	0.377017	0.987569	483.1355	1196.159	0.28855	0.504893	285.0485	70.33083	1.015397	100	1
1594.104	926.104	320.3224	17.68459	0.364922	1.053155	484.2878	1205.319	0.276783	0.482839	331.7221	87.38821	1.25907	100	1.8
1594.256	926.256	320.3278	17.67333	0.370819	1.025572	485.8667	1210.074	0.28256	0.488645	315.7374	80.60086	1.162023	100	1.5
1594.409	926.409	320.3334	17.66405	0.37794	0.960308	487.7872	1201.511	0.289539	0.496438	295.3517	73.48412	1.059983	100	1.1
1594.561	926.561	320.3389	17.66045	0.369924	1.037105	489.3628	1206.12	0.281745	0.474792	335.9785	89.45116	1.29058	100	1.9
1594.714	926.714	320.3444	17.64744	0.388979	0.943058	489.5011	1201.83	0.300388	0.50779	264.7148	64.71739	0.934417	100	0.7
1594.866	926.866	320.3499	17.64713	0.3927	0.916938	488.6285	1211.094	0.304059	0.518642	244.6728	59.78163	0.86318	100	0.5
1595.018	927.018	320.3553	17.69411	0.383397	0.968071	485.6588	1201.74	0.294987	0.508654	270.9756	66.37177	0.955847	100	0.8
1595.171	927.171	320.3609	17.73433	0.370497	1.036078	482.1147	1178.785	0.28242	0.492549	310.5436	78.65316	1.130209	100	1.4
1595.323	927.323	320.3664	17.73169	0.374647	0.988221	479.3189	1150.19	0.286498	0.503039	290.4399	71.95043	1.03406	100	1.1
1595.476	927.476	320.3719	17.6886	0.369421	0.98833	477.9738	1136.981	0.281429	0.493108	311.1392	78.87122	1.136254	100	1.4
1595.628	927.628	320.3774	17.67687	0.376016	0.896789	477.0946	1131.907	0.287892	0.502782	288.8702	71.47228	1.030348	100	1.1
1595.78	927.78	320.3829	17.71121	0.371995	0.911502	474.3052	1136.426	0.283997	0.494508	305.6631	76.91381	1.106697	100	1.3
1595.933	927.933	320.3884	17.67641	0.35838	0.981727	470.5184	1151.044	0.27076	0.470514	357.0415	102.055	1.47131	100	2.5
1596.085	928.085	320.3939	17.72245	0.363312	0.963231	466.5312	1179.823	0.275591	0.479986	337.3046	90.1207	1.295957	100	1.9
1596.238	928.238	320.3994	17.72269	0.38077	0.803584	467.3227	1204.058	0.292651	0.507007	276.4721	67.87579	0.976071	100	0.8
1596.39	928.39	320.4049	17.73148	0.388715	0.713001	473.6604	1209.258	0.300448	0.51603	253.2594	61.83434	0.888773	100	0.5
1596.542	928.542	320.4104	17.67934	0.380645	0.752146	482.1773	1195.509	0.292586	0.495551	292.3711	72.54647	1.045781	100	1
1596.695	928.695	320.4159	17.78767	0.372935	0.847574	488.9713	1186.462	0.285088	0.481237	322.4714	83.29813	1.193602	100	1.5
1596.847	928.847	320.4214	17.90657	0.384104	0.870312	489.9629	1187.018	0.296025	0.507132	271.6429	66.55171	0.947435	100	0.8
1597	929	320.4269	17.9906	0.380826	0.927206	487.19	1197.937	0.292851	0.506166	277.3571	68.12278	0.965371	100	0.9
1597.152	929.152	320.4324	18.07144	0.383075	0.917919	484.2794	1222.387	0.295078	0.511183	267.3601	65.40914	0.922863	100	0.7
1597.304	929.304	320.4379	18.11664	0.35572	1.127777	485.3758	1242.965	0.268433	0.45131	386.7549	132.4456	1.864143	100	3.7
1597.457	929.457	320.4434	18.092	0.392769	0.883288	490.565	1262.431	0.30462	0.507669	259.0423	63.2678	0.891682	100	0.6
1597.609	929.609	320.4489	18.12418	0.40209	0.817737	497.8808	1262.353	0.313781	0.513979	237.6908	58.17392	0.818475	100	0.3
1597.762	929.762	320.4544	18.1424	0.43644	0.637196	502.7746	1254.135	0.347589	0.576159	105.2269	35.0433	0.492562	62	0
1597.914	929.914	320.4599	18.20959	0.397838	0.801374	503.4707	1254.917	0.309671	0.514688	242.3851	59.24904	0.829794	100	0.4
1598.066	930.066	320.4654	18.26671	0.386405	0.880412	500.3827	1269.821	0.298507	0.504026	272.5052	66.78526	0.932489	100	0.7
1598.219	930.219	320.4709	18.29515	0.355759	1.138226	496.7174	1274.445	0.268645	0.45252	384.7924	129.6902	1.808071	100	3.5
1598.371	930.371	320.4764	18.27958	0.368894	1.049479	494.0429	1269.063	0.281465	0.477226	333.0067	87.99756	1.227854	100	1.7
1598.524	930.524	320.4819	18.33241	0.381641	0.931797	492.5172	1250.148	0.293936	0.498868	285.9301	70.59137	0.982217	100	0.9
1598.676	930.676	320.4874	18.40446	0.369459	0.987064	491.6381	1245.642	0.282074	0.478217	330.7986	86.95691	1.205311	100	1.6
1598.828	930.828	320.4929	18.42905	0.362631	1.051112	491.1789	1251.494	0.275449	0.469375	352.1427	98.68743	1.366142	100	2.2
1598.981	930.981	320.4984	18.42107	0.385652	0.873771	490.8413	1270.614	0.297945	0.508349	267.3147	65.39718	0.905698	100	0.7
1599.133	931.133	320.5039	18.53975	0.38974	0.843403	490.6218	1281.015	0.301972	0.512868	255.5201	62.38961	0.858649	100	0.5
1599.286	931.286	320.5094	18.52009	0.387984	0.836748	490.9995	1290.514	0.300283	0.504436	269.4881	65.97325	0.908925	100	0.6
1599.438	931.438	320.5149	18.49457	0.38793	0.81557	492.0928	1296.25	0.300259	0.507127	265.8077	65.00194	0.896763	100	0.6
1599.59	931.59	320.5204	18.55315	0.397478	0.749626	493.0712	1306.132	0.309637	0.527572	224.6514	55.30516	0.760643	100	0.2
1599.743	931.743	320.5259	18.53747	0.403028	0.720882	493.5639	1297.443	0.315107	0.535165	206.6246	51.59642	0.710231	100	0
1599.895	931.895	320.5314	18.51051	0.403657	0.729383	493.7054	1293.097	0.315752	0.526719	217.3899	53.77716	0.741314	100	0.1
1600.048	932.048	320.5369	18.58946	0.388464	0.805332	494.0243	1289.038	0.300897	0.493581	283.6199	69.91201	0.959745	100	0.8
1600.2	932.2	320.5424	18.49463	0.407674	0.7149	494.6415	1294.368	0.319752	0.538641	195.4174	49.42649	0.681931	95	0
1600.352	932.352	320.5479	18.39228	0.38871	0.772012	495.7347	1304.623	0.301196	0.517808	249.775	60.99087	0.846075	100	0.4
1600.505	932.505	320.5534	18.41416	0.384274	0.791072	495.814	1318.644	0.296886	0.518534	254.72	62.19235	0.861752	100	0.5
1600.657	932.657	320.5589	18.4732	0.372506	0.855344	494.7017	1313.762	0.285422	0.499265	297.1324	74.05503	1.022931	100	1.1
1600.81	932.81	320.5644	18.54918	0.365381	0.918148	492.582	1289.854	0.278504	0.49043	318.8716	81.83029	1.125821	100	1.4
1600.962	932.962	320.5699	18.63723	0.365761	0.942774	490.5672	1260.664	0.278903	0.487129	322.8767	83.46739	1.143059	100	1.5
1601.114	933.114	320.5754	18.62504	0.361806	0.964242	489.9276	1244.836	0.275079	0.467357	355.4378	100.9172	1.382931	100	2.2
1601.267	933.267	320.5809	18.70595	0.375974	0.884373	490.6041	1239.701	0.288922	0.47227	329.5542	86.38437	1.178795	100	1.5
1601.419	933.419	320.5864	18.7525	0.37842	0.892609	492.2947	1240.024	0.291339	0.471112	327.8182	85.60152	1.165298	100	1.4
1601.572	933.572	320.5919	18.80365	0.364216	1.031543	494.8123	1246.306	0.277513	0.461978	359.502	103.873	1.410295	100	2.3
1601.724	933.724	320.5974	18.82199	0.337765	1.27602	497.2249	1257.15	0.251838	0.439406	426.0836	231.2882	3.137283	100	7.8
1601.876	933.876	320.6029	18.8585	0.325071	1.469934	498.3214	1287.266	0.239579	0.433424	451.2571	302.5545	4.096273	100	11.2
1602.029	934.029	320.6084	18.78303	0.337252	1.275352	497.2716	1317.178	0.251398	0.44868	413.8925	191.0896	2.597332	100	6.2
1602.181	934.181	320.6139	18.69367	0.360793	1.075409	495.1419	1361.527	0.274295	0.476358	344.0993	93.7781	1.280618	100	2
1602.334	934.334	320.6195	18.66847	0.375332	0.96318	493.498	1383.021	0.288497	0.489833	305.9038	76.99769	1.052869	100	1.2
1602.486	934.486	320.6249	18.61747	0.362531	1.072031	492.6156	1397.277	0.276045	0.467035	354.5499	100.3024	1.375227	100	2.2
1602.638	934.638	320.6304	18.62632	0.36186	1.096637	492.0383	1402.043	0.27542	0.475502	343.7278	93.56754	1.282309	100	2
1602.791	934.791	320.636	18.60117	0.342927	1.304833	491.9403	1406.066	0.257046	0.448041	406.9799	171.5115	2.353642	100	5.4
1602.943	934.943	320.6414	18.58053	0.340241	1.300192	492.318	1386.837	0.25447	0.446705	412.3796	186.448	2.561427	100	6
1603.096	935.096	320.647	18.58001	0.336946	1.250633	493.1684	1367.683	0.251304	0.440061	425.9163	230.7835	3.170641	100	7.9
1603.248	935.248	320.6525	18.5819	0.339811	1.176505	493.789	1367.939	0.25411	0.44206	419.2847	209.5047	2.878054	100	6.9
1603.4	935.4	320.6579	18.59072	0.349538	1.113358	493.9895	1383.075	0.26358	0.455788	387.2712	133.1945	1.828926	100	3.7
1603.553	935.553	320.6635	18.6188	0.347562	1.159453	494.7842	1387.695	0.26169	0.450435	397.2681	149.9715	2.056291	100	4.4
1603.705	935.705	320.669	18.64659	0.349809	1.13246	498.3848	1343.762	0.263901	0.455251	387.5705	133.6334	1.829633	100	3.7
1603.858	935.858	320.6745	18.64771	0.322453	1.389331	502.2087	1288.471	0.237424	0.400699	499.3904	416.6889	5.704815	100	16.3
1604.01	936.01	320.68	18.6409	0.320988	1.492851	503.0196	1230.199	0.236036	0.392423	512.7269	444.0868	6.08217	100	17.6
1604.162	936.162	320.6854	18.63278	0.319875	1.66674	500.5256	1211.951	0.23499	0.38503	524.3731	466.7467	6.395329	100	18.7
1604.315	936.315	320.691	18.6466	0.350065	1.277894	494.7795	1218.703	0.264266	0.442131	405.1727	167.0272	2.286971	100	5
1604.467	936.467	320.6965	18.59571	0.360072	1.154998	490.848	1249.842	0.274026	0.462197	364.0114	107.4544	1.475242	100	2.5
1604.62	936.62	320.702	18.6909	0.364969	1.088814	490.5105	1279.301	0.278824	0.471888	344.0185	93.73223	1.280465	100	1.9
1604.772	936.772	320.7075	18.74138	0.384706	0.949497	492.9131	1289.172	0.298117	0.507427	268.3498	65.67065	0.894772	100	0.7
1604.924	936.924	320.713	18.69929	0.359254	1.149581	499.9958	1277.047	0.273316	0.463789	362.7952	106.4547	1.45367	100	2.5
1605.077	937.077	320.7185	18.73431	0.357288	1.110952	512.1918	1242.345	0.271432	0.466107	362.1955	105.9712	1.444446	100	2.5

1605.229	937.229	320.724	18.77931	0.337563	1.285417	523.9446	1202.469	0.252306	0.433144	434.0801	254.9189	3.466606	100	8.8
1605.382	937.382	320.7295	18.73677	0.319378	1.367314	532.9999	1169.994	0.234742	0.389349	518.7551	455.9567	6.214319	100	18.1
1605.534	937.534	320.735	18.84436	0.317946	1.219726	541.694	1151.371	0.233387	0.37772	536.6718	489.4999	6.6344	100	19.4
1605.686	937.686	320.7405	18.9552	0.327118	1.010984	554.3329	1137.454	0.242279	0.400647	492.762	402.453	5.423582	100	15
1605.839	937.839	320.746	18.903	0.335114	1.001705	573.2668	1113.995	0.250048	0.421012	453.9383	309.6286	4.183945	100	10.9
1605.991	937.991	320.7515	18.85088	0.324728	1.15001	589.3255	1095.174	0.240025	0.39069	509.6133	437.8336	5.93239	100	16.8
1606.144	938.144	320.757	18.83062	0.325711	1.057837	594.3374	1077.681	0.241005	0.369604	537.3594	490.7384	6.656294	100	18.9
1606.296	938.296	320.7625	18.77857	0.318349	0.937899	580.4387	1082.824	0.23392	0.325918	607.4229	601.4311	8.179892	100	24.2
1606.448	938.448	320.768	18.81787	0.315393	0.800328	556.1857	1111.746	0.231096	0.31343	628.5547	629.9614	8.550579	100	25.5
1606.601	938.601	320.7735	18.79696	0.322508	0.725351	540.0391	1149.763	0.237995	0.345729	574.461	552.8467	7.51214	100	21.6
1606.753	938.753	320.779	18.77672	0.324076	0.782053	544.017	1175.127	0.23954	0.368936	540.3038	496.0026	6.746922	100	19.2
1606.906	938.906	320.7845	18.75699	0.34935	0.845664	568.4021	1165.122	0.26406	0.431514	420.1069	212.5932	2.894829	100	6.6
1607.058	939.058	320.79	18.79578	0.345669	1.060393	591.517	1123.233	0.260515	0.423808	435.6352	259.4034	3.525166	100	8.6
1607.21	939.21	320.7955	18.82668	0.318633	1.270735	598.1172	1089.351	0.234368	0.351775	571.1235	547.6091	7.429924	100	21.9
1607.363	939.363	320.801	18.85389	0.313912	1.001037	585.4298	1080.537	0.22984	0.321151	619.6323	618.1378	8.375159	100	25.2
1607.515	939.515	320.8065	18.89542	0.329004	0.632672	566.5525	1098.503	0.24445	0.344282	567.55	541.93	7.326976	100	20.6
1607.668	939.668	320.812	18.90455	0.346471	0.570318	555.6963	1117.974	0.261408	0.390328	480.6045	375.1939	5.07036	100	12.8
1607.82	939.82	320.8175	18.93754	0.379118	0.578659	551.5582	1141.872	0.293232	0.472175	323.7388	83.83021	1.13097	100	1.2
1607.972	939.972	320.823	18.90945	0.357869	0.769948	550.1996	1152.255	0.272545	0.446351	387.9245	134.157	1.812586	100	3.3
1608.125	940.125	320.8285	18.97606	0.344121	0.930006	544.332	1161.748	0.259213	0.422157	439.7087	270.9838	3.648762	100	9
1608.277	940.277	320.834	18.97626	0.330557	0.985162	534.7294	1172.844	0.246096	0.390028	502.1489	422.4893	5.688785	100	15.6
1608.43	940.43	320.8395	18.97647	0.334316	0.913056	525.4191	1190.768	0.249765	0.397727	486.462	388.5185	5.231388	100	14
1608.582	940.582	320.845	18.97668	0.340442	0.953963	521.8846	1201.177	0.255731	0.417256	451.2788	302.612	4.074673	100	10.4
1608.734	940.734	320.8505	18.97688	0.346189	0.973563	532.502	1195.997	0.261336	0.430522	425.2364	228.7274	3.079826	100	7.3
1608.887	940.887	320.856	18.97709	0.352399	1.027044	558.1374	1172.796	0.267398	0.434436	411.4691	183.7558	2.47429	100	5.4
1609.039	941.039	320.8615	18.97729	0.342492	1.162027	588.653	1130.346	0.257806	0.401274	470.4692	351.2558	4.729711	100	12.3
1609.192	941.192	320.867	18.97749	0.328665	1.106449	606.146	1097.632	0.244438	0.344232	567.6355	542.0669	7.299038	100	20.7
1609.344	941.344	320.8725	18.9777	0.32656	0.736948	604.6268	1092.705	0.24243	0.310187	617.3884	615.1144	8.282663	100	23.7
1609.496	941.496	320.878	18.9779	0.335555	0.423501	588.6277	1087.318	0.251167	0.331553	575.8467	555.0027	7.473271	100	20.5
1609.649	941.649	320.8835	18.97811	0.347427	0.364191	572.4351	1100.003	0.26271	0.38811	481.8673	378.0974	5.091206	100	12.8
1609.801	941.801	320.889	18.97831	0.352234	0.518146	562.14	1103.831	0.26741	0.422621	427.7579	236.3167	3.182094	100	7.2
1609.954	941.954	320.8945	18.97852	0.342435	0.697812	555.7997	1108.083	0.257923	0.410499	457.5781	319.0835	4.296594	100	10.8
1610.106	942.106	320.9	18.97872	0.3226	0.805906	548.639	1108.431	0.238746	0.37141	537.9844	491.8611	6.623142	100	18.9
1610.258	942.258	320.9055	18.97893	0.328419	0.802449	540.4771	1115.689	0.244402	0.39192	501.8761	421.9188	5.681353	100	15.6
1610.411	942.411	320.911	18.97913	0.330884	0.837777	536.2142	1124.586	0.246815	0.406503	478.4213	370.1338	4.984061	100	13.4
1610.563	942.563	320.9165	18.97934	0.357694	0.763494	538.909	1136.391	0.272864	0.460367	368.1418	111.0542	1.495413	100	2.5
1610.716	942.716	320.922	18.97954	0.35524	0.848224	544.5182	1128.636	0.270506	0.449331	386.6256	132.2597	1.780963	100	3.3
1610.868	942.868	320.9275	18.97974	0.345264	0.916313	546.7601	1121.791	0.260841	0.414281	448.3322	294.7296	3.968743	100	9.9
1611.02	943.02	320.933	18.97995	0.343396	0.819113	544.394	1117.213	0.259057	0.400652	469.602	349.1537	4.701615	100	12
1611.173	943.173	320.9385	18.98015	0.338518	0.826372	540.8467	1116.474	0.254354	0.398289	479.3524	372.2982	5.013292	100	13.2
1611.325	943.325	320.944	18.98036	0.34946	0.873872	540.2628	1111.788	0.265002	0.439013	408.4603	175.3684	2.361483	100	5.1
1611.478	943.478	320.9496	18.98056	0.327041	1.116753	539.0325	1101.656	0.243299	0.401692	489.9132	396.2019	5.335212	100	14.8
1611.63	943.63	320.955	18.98077	0.332027	1.020543	534.2839	1081.688	0.248152	0.40836	474.0136	359.758	4.844476	100	13
1611.782	943.782	320.9605	18.98097	0.342716	0.856747	525.2193	1071.722	0.25854	0.427759	432.9067	251.5116	3.38685	100	8.2
1611.935	943.935	320.9661	18.98118	0.359966	0.710607	522.3318	1072.525	0.275334	0.464511	359.0138	103.5051	1.393801	100	2.1
1612.087	944.087	320.9715	18.98138	0.347873	0.794116	521.5049	1083.358	0.263604	0.445959	400.8042	157.122	2.115817	100	4.4
1612.24	944.24	320.9771	18.98159	0.3473	0.828466	525.2698	1102.943	0.263077	0.446386	400.9419	157.4155	2.119775	100	4.4
1612.392	944.392	320.9826	18.98179	0.357923	0.81664	531.1479	1113.127	0.273431	0.466601	358.7563	103.3124	1.391222	100	2.2
1612.544	944.544	320.988	18.982	0.360246	0.830879	541.1515	1112.968	0.275721	0.474885	344.1637	93.81476	1.263329	100	1.8
1612.697	944.697	320.9936	18.9822	0.341835	0.974491	550.4955	1102.609	0.257858	0.436797	421.3758	216.9147	2.921029	100	6.9
1612.849	944.849	320.999	18.9824	0.332904	0.999891	557.7061	1084.167	0.249231	0.400805	482.9513	380.576	5.124953	100	13.8
1613.002	945.002	321.0046	18.98261	0.329633	0.900937	559.0948	1075.343	0.246093	0.360794	542.4962	499.882	6.731585	100	18.8
1613.154	945.154	321.0101	18.98281	0.336533	0.72207	553.8768	1071.82	0.252804	0.360264	533.9663	484.5933	6.525726	100	17.7
1613.306	945.306	321.0155	18.98302	0.33861	0.648914	556.45	1071.422	0.254846	0.373482	512.9075	444.447	5.985119	100	15.9
1613.459	945.459	321.0211	18.98322	0.327482	0.799245	553.3786	1071.633	0.244099	0.360652	545.4439	505.0444	6.801176	100	19.1
1613.611	945.611	321.0266	18.98343	0.315044	0.994879	548.3182	1077.093	0.232111	0.33785	593.4533	581.5006	7.830796	100	23.3
1613.764	945.764	321.0321	18.98363	0.306624	1.002262	539.9595	1087.642	0.224024	0.332601	611.8585	607.5739	8.181944	100	25.2
1613.916	945.916	321.0376	18.98384	0.322681	0.828797	533.9276	1102.547	0.239543	0.390815	510.1069	438.8307	5.909567	100	16.7
1614.068	946.068	321.0431	18.98404	0.3169	1.031643	532.6873	1101.448	0.233989	0.396074	510.514	439.6513	5.920641	100	17.1
1614.221	946.221	321.0486	18.98425	0.296541	1.343973	534.4304	1092.03	0.214411	0.356263	592.4704	580.0634	7.811549	100	25
1614.373	946.373	321.0541	18.98445	0.295751	1.205932	538.2147	1092.573	0.21368	0.354296	596.1934	585.4825	7.884555	100	25.2
1614.526	946.526	321.0596	18.98466	0.319698	0.832272	541.9203	1106.928	0.236776	0.399644	501.7415	421.6372	5.678107	100	16.1
1614.678	946.678	321.0651	18.98486	0.319014	0.858976	540.2861	1122.797	0.236144	0.383881	524.3666	466.7343	6.285445	100	18.1
1614.83	946.83	321.0706	18.98507	0.307015	0.928661	536.9717	1138.21	0.224601	0.334017	609.107	603.7736	8.130958	100	25
1614.983	946.983	321.0761	18.98527	0.321823	0.872893	543.4637	1153.264	0.238915	0.354547	561.0229	531.3608	7.155808	100	20.6
1615.135	947.135	321.0816	18.98548	0.341731	0.765668	566.7164	1144.092	0.258216	0.405842	463.5998	334.3617	4.502846	100	11.5
1615.288	947.288	321.0871	18.98568	0.350554	0.744174	603.4677	1100.085	0.266811	0.429277	419.3986	209.9276	2.827104	100	6.3
1615.44	947.44	321.0926	18.98589	0.313887	0.89865	627.8427	1042.159	0.231339	0.334476	599.1746	589.7737	7.942532	100	23.7
1615.592	947.592	321.0981	18.98609	0.305231	0.731441	626.7894	999.1305	0.223027	0.252227	724.1509	741.2446	9.982439	100	31.1
1615.745	947.745	321.1036	18.98629	0.317666	0.376999	603.9706	1018.847	0.235043	0.248069	713.3056	729.7215	9.827292	100	29.2
1615.897	947.897	321.1091	18.9865	0.333671	0.236075	576.3668	1048.217	0.250547	0.314488	600.2523	591.3146	7.963366	100	22
1616.05	948.05	321.1146	18.9867	0.364854	0.318735	556.715	1090.267	0.280868	0.425274	405.5238	167.8797	2.260882	100	4.3
1616.202	948.202	321.1201	18.98691	0.35693	0.466958	547.2437	1099.936	0.273182	0.43593	401.4254	158.4551	2.133964	100	4.1
1616.354	948.354	321.1256	18.98711	0.357369	0.584388	545.0975	1086.044	0.273638	0.449773	381.6925	125.6147	1.691699	100	2.9
1616.507	948.507	321.1311	18.98732	0.325358	0.880642	543.6309	1066.519	0.242618	0.385859	512.7028	444.0389	5.980053	100	16.8
1616.659	948.659	321.1366	18.98752	0.313991	0.935186	537.2084	1047.121	0.231669	0.355858	569.2134	544.5829	7.334147	100	21.8
1616.812	948.812	321.1421	18.98773	0.319436	0.797155	526.7625	1048.144	0.236953	0.373492	537.5865	491.1465	6.614516	100	19.1
1616.964	948.964	321.1476	18.98793	0.329927	0.78084	515.8964	1062.292	0.247123	0.410732	472.1604	355.3305	4.78543	100	12.8
1617.116	949.116	321.1531	18.98814	0.316522	0.954545	511.0689	1067.643	0.234197	0.3983	507.1548	432.8355	5.829252	100	16.8
1617.269	949.269	321.1586	18.98834	0.307667	1.102729	512.3361	1063.218	0.225688	0.385192	536.9855	490.0653	6.600023	100	20

1617.421	949.421	321.1641	18.98855	0.326447	0.965597	519.3399	1040.733	0.243842	0.420079	463.7883	334.8328	4.509422	100	12.2
1617.574	949.574	321.1696	18.98875	0.327547	0.983765	536.7737	1025.966	0.244935	0.411344	474.3359	360.5242	4.855443	100	13.2
1617.726	949.726	321.1751	18.98895	0.321285	1.099974	559.6983	1006.311	0.23891	0.376666	530.5054	478.2366	6.440787	100	18.5
1617.878	949.878	321.1806	18.98916	0.316487	1.004722	584.4638	1008.637	0.234306	0.335972	593.0172	580.8635	7.822967	100	23.2
1618.031	950.031	321.1861	18.98936	0.332246	0.58504	611.1298	994.2107	0.249568	0.34258	562.8358	534.3223	7.196185	100	19.9
1618.183	950.183	321.1916	18.98957	0.342022	0.457021	626.729	995.9321	0.259072	0.324025	575.3267	554.1949	7.46385	100	20
1618.336	950.336	321.1971	18.98977	0.342176	0.512152	622.4103	983.6586	0.25925	0.254831	670.5679	681.8909	9.183683	100	25.1
1618.488	950.488	321.2026	18.98998	0.340706	0.362924	598.3475	1007.044	0.257852	0.229224	707.8347	723.8241	9.748469	100	26.8
1618.64	950.64	321.2081	18.99018	0.335025	0.164664	568.4757	1050.629	0.252375	0.289586	632.0938	634.5665	8.546377	100	23.6
1618.793	950.793	321.2136	18.99039	0.340744	0.303107	547.974	1078.791	0.257947	0.381821	497.1214	411.8636	5.54702	100	14.4
1618.945	950.945	321.2191	18.99059	0.328095	0.655104	535.8312	1098.038	0.245723	0.386371	507.7114	433.9717	5.844795	100	16.1
1619.098	951.098	321.2246	18.9908	0.323456	0.85973	531.3943	1093.013	0.241266	0.386201	514.0964	446.8106	6.017731	100	17
1619.25	951.25	321.2301	18.991	0.32783	0.852266	534.5518	1091.169	0.245524	0.406197	480.6258	375.2432	5.053866	100	13.8
1619.402	951.402	321.2356	18.99121	0.338577	0.833329	545.0377	1078.319	0.25596	0.428187	435.8773	260.0983	3.503077	100	8.7
1619.555	951.555	321.2411	18.99141	0.321089	1.058093	555.9866	1052.04	0.239064	0.384128	519.9942	458.3588	6.173328	100	17.7
1619.707	951.707	321.2466	18.99162	0.325239	0.936723	560.3976	1011.224	0.243104	0.364516	541.4845	498.0961	6.708544	100	19.1
1619.86	951.86	321.2521	18.99182	0.326261	0.714578	553.5814	991.218	0.244121	0.352692	556.3979	523.7127	7.053585	100	20
1620.012	952.012	321.2576	18.99203	0.33501	0.501901	541.1729	1013.996	0.252618	0.381252	505.2606	428.9476	5.777266	100	15.4
1620.164	952.164	321.2631	18.99223	0.337473	0.532547	533.3063	1034.538	0.255032	0.413462	457.4786	318.8273	4.29413	100	10.9
1620.317	952.317	321.2686	18.99244	0.34824	0.634947	533.0867	1054.593	0.265508	0.449646	393.0884	142.3922	1.917818	100	3.7
1620.469	952.469	321.2741	18.99264	0.334882	0.827579	540.0874	1051.62	0.252579	0.425962	443.6133	281.8627	3.796298	100	9.7
1620.622	952.622	321.2797	18.99284	0.327758	0.922969	546.11	1057.415	0.245711	0.400194	488.6507	393.4053	5.29864	100	14.6
1620.774	952.774	321.2851	18.99305	0.333468	0.827316	548.8375	1068.002	0.251267	0.399621	481.7744	377.8844	5.089611	100	13.6
1620.926	952.926	321.2906	18.99325	0.347006	0.702144	547.1869	1067.615	0.264424	0.421066	434.0238	254.7559	3.431243	100	8.2
1621.079	953.079	321.2962	18.99346	0.355438	0.685085	543.8167	1053.425	0.272647	0.441728	394.1615	144.2546	1.942935	100	3.7
1621.231	953.231	321.3016	18.99366	0.347634	0.727847	539.9509	1047.744	0.265091	0.438107	409.5868	178.42	2.40311	100	5.2
1621.384	953.384	321.3072	18.99387	0.342889	0.769988	536.3444	1051.87	0.260513	0.435249	419.8487	211.6147	2.850214	100	6.6
1621.536	953.536	321.3126	18.99407	0.34465	0.758634	534.2639	1072.461	0.262251	0.439958	410.9528	182.262	2.454875	100	5.4
1621.688	953.688	321.3181	18.99428	0.339615	0.811956	535.0059	1084.875	0.257395	0.426439	436.3098	261.3376	3.519949	100	8.7
1621.841	953.841	321.3237	18.99448	0.323675	0.934995	539.7189	1089.36	0.241993	0.391508	505.7696	429.9954	5.791618	100	16.3
1621.993	953.993	321.3291	18.99469	0.317449	1.059441	546.4933	1079.786	0.236007	0.369953	543.776	502.1308	6.763233	100	19.8
1622.146	954.146	321.3347	18.99489	0.309486	1.134038	552.2205	1054.312	0.228356	0.340998	594.292	582.7233	7.848767	100	23.9
1622.298	954.298	321.3402	18.9951	0.297247	1.105306	554.2883	1010.649	0.216606	0.30474	660.542	670.0035	9.024382	100	28.9
1622.45	954.45	321.3456	18.9953	0.29299	0.978861	548.0266	990.0729	0.212546	0.299956	672.7478	684.4382	9.218839	100	30
1622.603	954.603	321.3512	18.9955	0.292673	0.918323	536.2284	1005.003	0.212269	0.309837	659.493	668.7429	9.007469	100	29.3
1622.755	954.755	321.3567	18.99571	0.298418	0.878597	523.2618	1038.782	0.217818	0.335598	616.2861	613.6215	8.26505	100	26.2
1622.908	954.908	321.3622	18.99591	0.307622	0.933283	513.121	1070.604	0.226703	0.367798	559.5881	529.0025	7.125318	100	21.6
1623.06	955.06	321.3677	18.99612	0.307907	1.024525	508.4511	1089.401	0.227006	0.374946	549.3076	511.7205	6.892563	100	20.9
1623.212	955.212	321.3732	18.99632	0.327691	0.910696	506.6168	1104.204	0.246133	0.416392	465.7169	339.6279	4.574597	100	12.3
1623.365	955.365	321.3787	18.99653	0.330504	0.969414	509.3115	1119.514	0.248883	0.423797	451.702	303.7348	4.091151	100	10.8
1623.517	955.517	321.3842	18.99673	0.33604	1.023119	516.9193	1116.049	0.254272	0.439044	423.2241	222.5994	2.99831	100	7.3
1623.67	955.67	321.3897	18.99694	0.324761	1.22531	535.8956	1091.412	0.243385	0.408993	479.7189	373.1476	5.026139	100	14
1623.822	955.822	321.3952	18.99714	0.325796	1.264943	547.6679	1061.961	0.244414	0.384941	511.49	441.6128	5.948357	100	16.8
1623.974	955.974	321.4007	18.99735	0.323583	1.124415	552.6503	1053.058	0.242303	0.346888	566.9163	540.9151	7.285945	100	21
1624.127	956.127	321.4062	18.99755	0.338906	0.741348	546.9072	1061.935	0.257164	0.382774	496.885	411.3581	5.540876	100	14.7
1624.279	956.279	321.4117	18.99776	0.347431	0.642731	535.6965	1086.98	0.265465	0.418389	436.2815	261.2566	3.519063	100	8.4
1624.432	956.432	321.4172	18.99796	0.314306	0.886378	527.0391	1105.844	0.233431	0.362343	557.8309	526.0968	7.086422	100	21
1624.584	956.584	321.4227	18.99817	0.300034	1.093345	519.7534	1128.516	0.219714	0.330598	620.5697	619.3949	8.343155	100	26.4
1624.736	956.736	321.4282	18.99837	0.316766	0.99577	514.9226	1138.896	0.235861	0.362643	554.0641	519.8016	7.001674	100	20.6
1624.889	956.889	321.4337	18.99858	0.339069	0.940104	511.0831	1139.933	0.257465	0.40477	466.1147	340.6116	4.588017	100	11.9
1625.041	957.041	321.4392	18.99878	0.342706	0.980149	503.63	1134.524	0.261021	0.421134	438.6257	267.9282	3.608989	100	8.9
1625.194	957.194	321.4447	18.99898	0.331611	1.075367	498.4319	1112.616	0.250297	0.413196	464.3802	336.3092	4.530098	100	12.1
1625.346	957.346	321.4502	18.99919	0.335637	0.981107	501.2348	1077.906	0.254224	0.431478	433.7315	253.9088	3.420172	100	8.6
1625.498	957.498	321.4557	18.99939	0.325458	0.961726	523.9294	985.1491	0.244401	0.396845	495.0815	407.4833	5.488852	100	15.3
1625.651	957.651	321.4612	18.9996	0.310329	0.939233	553.6082	881.6161	0.229825	0.300582	648.0389	654.758	8.819702	100	26.9
1625.803	957.803	321.4667	18.9998	0.325157	0.567233	582.8798	802.44	0.244167	0.19178	778.3933	796.1567	10.72441	100	31.4
1625.956	957.956	321.4722	19.00001	0.357504	0.310649	602.8801	781.3618	0.275571	0.137227	810.3396	826.9487	11.13922	100	29.4
1626.108	958.108	321.4777	19.00021	0.374727	0.061871	611.8465	804.5864	0.292383	0.110181	824.4618	840.3128	11.31928	100	28.3
1626.26	958.26	321.4832	19.00042	0.371217	0.013013	617.1143	845.088	0.288986	0.113601	824.4302	840.283	11.31891	100	28.6
1626.413	958.413	321.4887	19.00062	0.352972	0.005507	621.2924	875.1254	0.271248	0.134845	819.5919	835.7186	11.25747	100	30
1626.565	958.565	321.4942	19.00083	0.334368	0.004986	627.7679	881.2418	0.253223	0.206825	745.1343	762.9725	10.27758	100	28.8
1626.718	958.718	321.4997	19.00103	0.328094	0.025437	635.1591	872.647	0.247179	0.245698	699.83	715.0858	9.632561	100	27.4
1626.87	958.87	321.5052	19.00124	0.335363	0.102999	633.1804	876.9781	0.254244	0.235799	703.7404	719.3713	9.690318	100	27
1627.022	959.022	321.5107	19.00144	0.345218	0.064508	630.9356	905.4971	0.263829	0.228169	701.0426	716.4182	9.650574	100	26
1627.175	959.175	321.5162	19.00164	0.351173	0.017569	632.9741	924.7	0.269642	0.263528	644.2253	650.0083	8.756026	100	22.9
1627.327	959.327	321.5217	19.00185	0.328874	0.028152	642.8889	914.6978	0.248047	0.22137	732.2044	749.6673	10.09853	100	28.8
1627.48	959.48	321.5272	19.00205	0.300868	0.040097	645.1635	839.0614	0.221057	0.137734	884.868	896.4418	12.07572	100	38.4
1627.632	959.632	321.5327	19.00226	0.287904	0.010309	641.4059	784.579	0.208635	0.100857	952.9012	959.0271	12.91883	100	43.2
1627.784	959.784	321.5382	19.00246	0.288557	0.002552	631.9084	772.6014	0.209289	0.102569	949.6355	956.0142	12.87829	100	42.9
1627.937	959.937	321.5437	19.00267	0.305911	0.002617	620.2808	826.8048	0.225996	0.11785	905.4931	915.4097	12.33136	100	38.5
1628.089	960.089	321.5492	19.00287	0.316944	0.002858	610.9473	894.919	0.23666	0.160515	831.8975	847.3014	11.41392	100	34.1
1628.242	960.242	321.5547	19.00308	0.313041	0.002978	608.3386	921.9811	0.232924	0.22409	749.3216	767.2282	10.3353	100	31.1
1628.394	960.394	321.5602	19.00328	0.305331	0.012261	610.8919	913.5911	0.225523	0.267704	699.3474	714.5547	9.625768	100	29.6
1628.546	960.546	321.5657	19.00349	0.297661	0.058169	622.3985	896.23	0.218173	0.27249	702.8858	718.4374	9.678102	100	30.6
1628.699	960.699	321.5712	19.00369	0.290432	0.106244	620.3543	899.1638	0.211259	0.256271	734.8087	752.3681	10.13522	100	33.1
1628.851	960.851	321.5767	19.0039	0.298113	0.140723	625.1427	898.7705	0.218665	0.264961	712.5972	728.9612	9.819936	100	31.1
1629.004	961.004	321.5822	19.0041	0.310553	0.146658	631.0472	893.2661	0.230667	0.241783	728.0191	745.3039	10.04013	100	30.5
1629.156	961.156	321.5877	19.0043	0.339295	0.076045	653.9059	874.3755	0.258482	0.226144	711.2164	727.4764	9.800005	100	27
1629.308	961.308	321.5932	19.00451	0.363434	0.01693	669.3115	865.9448	0.281969	0.214184	695.3091	710.0901	9.565819	100	24.3
1629.461	961.461	321.5987	19.00471	0.371129	0.005966	676.9325	865.7861	0.289499	0.174106	740.2258	757.9515	10.21061	100	25.5

1629.613	961.613	321.6042	19.00492	0.371336	0.004654	675.4786	876.2452	0.289729	0.155206	765.9904	783.938	10.56072	100	26.5
1629.766	961.766	321.6098	19.00513	0.366547	0.004429	674.8785	899.8573	0.285088	0.146869	783.9002	801.5298	10.79774	100	27.5
1629.918	961.918	321.6152	19.00533	0.361976	0.004359	675.8173	919.7032	0.280663	0.145265	792.2192	809.5916	10.90638	100	28.2
1630.07	962.07	321.6207	19.00553	0.358616	0.004482	682.4503	941.6589	0.277421	0.138483	806.0525	822.8651	11.08523	100	29
1630.223	962.223	321.6263	19.00574	0.359737	0.00504	692.0632	955.9897	0.278541	0.132142	813.2579	829.721	11.17763	100	29.1
1630.375	962.375	321.6317	19.00594	0.360301	0.005427	703.0218	970.5513	0.279118	0.137151	805.5496	822.3853	11.07885	100	28.8
1630.528	962.528	321.6373	19.00615	0.3548	0.005245	711.0431	979.3088	0.273794	0.130606	821.9277	837.9239	11.28821	100	29.9
1630.68	962.68	321.6427	19.00635	0.344148	0.004718	719.468	965.0021	0.263474	0.119127	852.0102	866.0706	11.66744	100	32
1630.832	962.832	321.6482	19.00656	0.339008	0.004413	721.142	928.2733	0.258517	0.122036	854.8378	868.6962	11.70284	100	32.6
1630.985	962.985	321.6538	19.00676	0.342846	0.004945	716.9348	900.7515	0.262268	0.119573	853.0601	867.0458	11.68065	100	32.2
1631.137	963.137	321.6592	19.00697	0.352839	0.005322	709.3667	900.8785	0.272001	0.133296	820.6904	836.7561	11.27263	100	30
1631.29	963.29	321.6648	19.00717	0.359627	0.006878	699.272	906.3085	0.278632	0.131134	814.5225	830.9205	11.19406	100	29.2
1631.442	963.442	321.6703	19.00738	0.359794	0.005304	690.9296	918.1973	0.278823	0.14623	793.4266	810.7565	10.92244	100	28.4
1631.594	963.594	321.6757	19.00758	0.350711	0.004417	675.6884	934.573	0.270018	0.151958	797.6739	814.8443	10.97755	100	29.4
1631.747	963.747	321.6813	19.00779	0.335165	0.003467	659.6271	965.0786	0.254962	0.1986	754.084	772.0389	10.40092	100	29.1
1631.899	963.899	321.6868	19.00799	0.320331	0.002884	646.1812	983.8431	0.240642	0.262141	686.1597	699.8375	9.428252	100	27.5
1632.052	964.052	321.6923	19.00819	0.316854	0.002958	639.5915	978.3365	0.237313	0.314261	618.8273	617.0556	8.313039	100	24.2
1632.204	964.204	321.6978	19.0084	0.318231	0.008869	639.9888	944.5508	0.23867	0.334866	588.5199	574.238	7.73622	100	22.3
1632.356	964.356	321.7033	19.0086	0.320578	0.035299	643.0969	930.4789	0.240966	0.326449	596.968	586.6015	7.902812	100	22.7
1632.509	964.509	321.7088	19.00881	0.329882	0.101899	648.0562	926.278	0.24999	0.339615	566.3454	539.9988	7.274993	100	20.1
1632.661	964.661	321.7143	19.00901	0.316538	0.145067	648.04	938.5109	0.237122	0.309486	625.681	626.1872	8.436176	100	24.7
1632.814	964.814	321.7198	19.00922	0.305076	0.150773	648.06	944.1758	0.226102	0.282523	678.0972	690.6356	9.304473	100	28.6
1632.966	964.966	321.7253	19.00942	0.295389	0.152232	642.0969	958.1046	0.216815	0.248771	737.4921	755.1396	10.17353	100	32.6
1633.118	965.118	321.7308	19.00963	0.304853	0.146345	636.9215	964.0161	0.225943	0.276273	686.9418	700.7216	9.440418	100	29.1
1633.271	965.271	321.7363	19.00983	0.30323	0.188621	640.3317	939.8287	0.224411	0.276202	689.1548	703.2152	9.474048	100	29.4
1633.423	965.423	321.7418	19.01004	0.296125	0.217497	646.0294	914.4201	0.217607	0.249031	736.0398	753.641	10.15344	100	32.5
1633.576	965.576	321.7473	19.01024	0.296556	0.15564	646.3478	889.8934	0.218049	0.233522	756.8322	774.8012	10.43856	100	33.4
1633.728	965.728	321.7528	19.01045	0.304276	0.07133	642.4951	888.3186	0.225502	0.241576	735.4324	753.0132	10.14505	100	31.5
1633.88	965.88	321.7583	19.01065	0.309666	0.025021	634.0574	900.9346	0.230721	0.259797	703.0854	718.6558	9.682201	100	29.4
1634.033	966.033	321.7638	19.01085	0.30298	0.021781	620.6872	912.1876	0.224311	0.246878	729.7592	747.1215	10.06575	100	31.3
1634.185	966.185	321.7693	19.01106	0.298824	0.050826	609.6897	922.8995	0.220343	0.244478	738.5481	756.2272	10.18846	100	32.2
1634.338	966.338	321.7748	19.01126	0.305026	0.068366	607.8586	934.2763	0.226337	0.257652	712.0949	728.4215	9.813875	100	30.3
1634.49	966.49	321.7803	19.01147	0.318732	0.080611	609.1454	944.4009	0.23958	0.265022	683.6499	696.9904	9.390439	100	27.6
1634.642	966.642	321.7858	19.01167	0.317729	0.064563	604.6229	931.8834	0.23864	0.213374	756.2216	774.1884	10.43055	100	31
1634.795	966.795	321.7913	19.01188	0.308417	0.045127	595.5849	885.8799	0.229688	0.15797	845.0321	859.5783	11.58104	100	35.7
1634.947	966.947	321.7968	19.01208	0.286664	0.014654	583.6882	847.2542	0.20881	0.143321	894.0595	904.8995	12.19169	100	40.8
1635.1	967.1	321.8023	19.01229	0.280176	0.006265	582.7268	840.4355	0.202624	0.211975	807.8545	824.5832	11.10963	100	37.9
1635.252	967.252	321.8078	19.01249	0.30038	0.015817	586.5932	875.7746	0.222038	0.290716	672.4007	684.0335	9.216032	100	28.8
1635.404	967.404	321.8133	19.0127	0.322911	0.050804	593.1209	923.2936	0.243787	0.313299	611.2219	606.6976	8.174105	100	23.3
1635.557	967.557	321.8188	19.0129	0.331253	0.06926	593.5578	973.3335	0.251884	0.301865	615.8272	612.9986	8.25903	100	23
1635.709	967.709	321.8243	19.01311	0.313968	0.068211	587.3715	985.6993	0.23521	0.238665	726.0524	743.2432	10.01387	100	30
1635.862	967.862	321.8298	19.01331	0.302181	0.066849	579.9055	996.4709	0.223883	0.22754	757.0368	775.0065	10.44186	100	32.7
1636.014	968.014	321.8353	19.01352	0.29388	0.085694	575.9607	976.8075	0.215933	0.239104	752.0488	769.9868	10.37426	100	33.5
1636.166	968.166	321.8408	19.01372	0.295988	0.105675	588.5798	955.343	0.217985	0.24843	736.3466	753.9578	10.15833	100	32.5
1636.319	968.319	321.8463	19.01393	0.295028	0.125948	606.9194	926.3904	0.217091	0.220448	776.1951	794.0033	10.69791	100	34.5
1636.471	968.471	321.8518	19.01413	0.300233	0.092812	628.6591	906.9396	0.222122	0.19051	810.5669	827.1648	11.14475	100	35.3
1636.624	968.624	321.8573	19.01434	0.305883	0.048103	641.5869	901.5447	0.227588	0.173009	827.1761	842.8674	11.35636	100	35.3
1636.776	968.776	321.8628	19.01454	0.306367	0.02778	637.1958	877.0498	0.228083	0.147808	861.2706	874.6593	11.78475	100	36.7
1636.928	968.928	321.8683	19.01474	0.291956	0.005302	614.6196	827.6067	0.214255	0.130305	904.5073	914.5038	12.32164	100	40.4
1637.081	969.081	321.8738	19.01495	0.273837	0.002718	587.2159	785.1586	0.196928	0.135111	921.7862	930.3815	12.53561	100	44.1
1637.233	969.233	321.8793	19.01515	0.264605	0.002994	566.3004	806.5732	0.188143	0.165655	891.7589	902.7835	12.1638	100	44.3
1637.386	969.386	321.8848	19.01536	0.27464	0.051647	554.0984	879.7449	0.197753	0.255424	754.6164	772.5748	10.40945	100	36.1
1637.538	969.538	321.8903	19.01556	0.301624	0.189641	551.4009	993.0364	0.223659	0.340745	601.1223	592.5547	7.983939	100	24.6
1637.69	969.69	321.8958	19.01577	0.315115	0.404749	551.3616	1062.805	0.236684	0.3818	526.4921	470.7503	6.342796	100	18.3
1637.843	969.843	321.9013	19.01597	0.306049	0.705331	557.5024	1080.828	0.227974	0.355534	574.7585	553.3105	7.455224	100	22.7
1637.995	969.995	321.9068	19.01618	0.310847	0.831717	564.2206	1072.588	0.232626	0.3592	563.2808	535.0463	7.209156	100	21.6
1638.148	970.148	321.9123	19.01638	0.316408	0.78319	570.6601	1052.574	0.238018	0.361619	552.5018	517.1638	6.968235	100	20.4
1638.3	970.3	321.9178	19.01659	0.320807	0.632446	577.1978	1024.084	0.242293	0.350875	561.4283	532.0248	7.168495	100	20.7
1638.452	970.452	321.9233	19.01679	0.321529	0.517971	582.2422	990.5571	0.243019	0.315873	608.7303	603.2506	8.128219	100	23.6
1638.605	970.605	321.9288	19.017	0.323256	0.401798	585.7148	968.8589	0.244716	0.298857	629.8701	631.6785	8.511284	100	24.6
1638.757	970.757	321.9343	19.0172	0.326065	0.314676	580.8478	951.2125	0.24746	0.308145	613.2662	609.5057	8.212556	100	23.4
1638.91	970.91	321.9399	19.0174	0.330282	0.265834	571.4191	960.2001	0.251568	0.335564	569.7592	545.4498	7.349486	100	20.4
1639.062	971.062	321.9453	19.01761	0.34267	0.250108	558.7708	975.7955	0.2636	0.379132	493.029	403.0348	5.430579	100	13.9
1639.214	971.214	321.9508	19.01781	0.33276	0.402896	559.6078	1013.518	0.254023	0.365299	525.3355	468.5695	6.313629	100	17.1
1639.367	971.367	321.9563	19.01802	0.31617	0.57032	560.399	1036.769	0.238014	0.345408	574.8775	553.4958	7.457973	100	21.9
1639.519	971.519	321.9618	19.01822	0.304256	0.644995	560.3597	1037.132	0.22656	0.325689	617.8962	615.8005	8.297515	100	25.6
1639.672	971.672	321.9674	19.01843	0.309997	0.644984	556.1624	1032.569	0.232117	0.352511	573.2131	550.8957	7.422989	100	22.3
1639.824	971.824	321.9728	19.01863	0.318932	0.6156	556.1068	1023.678	0.240765	0.374429	531.032	479.2097	6.457087	100	18.5
1639.976	971.976	321.9783	19.01884	0.32762	0.584179	565.7624	1011.508	0.249189	0.377376	515.3402	449.2704	6.05369	100	16.7
1640.129	972.129	321.9839	19.01904	0.326648	0.617008	585.3787	975.7126	0.248278	0.315304	602.2566	594.166	8.006113	100	22.8
1640.281	972.281	321.9893	19.01925	0.326602	0.552041	599.0085	944.7542	0.248262	0.216834	738.1679	755.8358	10.18457	100	29.5
1640.434	972.434	321.9949	19.01945	0.330041	0.372733	595.7006	928.0667	0.251617	0.21258	739.4079	757.1114	10.2018	100	29.2
1640.586	972.586	322.0004	19.01966	0.319714	0.241009	579.1467	949.155	0.241661	0.249133	702.7043	718.2389	9.678035	100	28.5
1640.738	972.738	322.0058	19.01986	0.331462	0.228375	564.2208	968.0803	0.253049	0.342988	557.468	525.4942	7.080888	100	19.5
1640.891	972.891	322.0114	19.02007	0.321318	0.272379	565.3698	926.8735	0.243268	0.303445	625.5372	625.9975	8.435169	100	24.4
1641.043	973.043	322.0169	19.02027	0.316369	0.289591	582.6984	839.6055	0.238517	0.197878	777.7741	795.5506	10.7199	100	32.1
1641.196	973.196	322.0224	19.02048	0.333045	0.205677	600.5489	760.3905	0.254667	0.150596	820.7372	836.8003	11.27576	100	32.1
1641.348	973.348	322.0279	19.02068	0.337422	0.097488	606.6567	739.5253	0.258935	0.151834	813.1385	829.6077	11.17888	100	31.3
1641.5	973.5	322.0334	19.02088	0.340613	0.019252	600.5295	760.912	0.262058	0.202983	738.2441	755.9142	10.18591	100	28
1641.653	973.653	322.0389	19.02109	0.34343	0.021105	593.4769	755.0407	0.264818	0.214067	719.1386	735.9459	9.916868	100	26.9

1641.805	973.805	322.0444	19.02129	0.351775	0.015901	591.3307	743.6372	0.272951	0.233223	681.4807	694.5171	9.358649	100	24.6
1641.958	973.958	322.0499	19.0215	0.3545	0.02588	586.6542	781.8616	0.275628	0.279566	613.8326	610.2805	8.223584	100	21.2
1642.11	974.11	322.0554	19.0217	0.338057	0.044165	575.3384	871.9189	0.259692	0.308834	595.4351	584.3842	7.874656	100	21.3
1642.262	974.262	322.0609	19.02191	0.324184	0.119147	556.579	980.8431	0.246291	0.353357	552.4866	517.1381	6.968528	100	19.5
1642.415	974.415	322.0664	19.02211	0.314372	0.272212	541.0984	1050.872	0.236845	0.382944	524.6924	467.3523	6.297679	100	18.1
1642.567	974.567	322.0719	19.02232	0.322878	0.487101	531.1019	1080.88	0.245086	0.411367	474.095	359.9516	4.850445	100	13.2
1642.72	974.72	322.0774	19.02252	0.321486	0.751229	530.8855	1086.064	0.243769	0.408109	480.4082	374.7412	5.049757	100	14
1642.872	974.872	322.0829	19.02273	0.313792	0.876673	534.4793	1085.317	0.23637	0.384944	522.5859	463.3419	6.243699	100	18.3
1643.024	975.024	322.0884	19.02293	0.308298	0.904526	544.299	1083.703	0.231102	0.372133	547.536	508.6719	6.854563	100	20.7
1643.177	975.177	322.0939	19.02314	0.300921	0.872591	557.9421	1073.186	0.22403	0.346345	592.8831	580.6673	7.824755	100	24.4
1643.329	975.329	322.0994	19.02334	0.305504	0.801694	573.9251	1048.402	0.228467	0.328812	610.9547	606.3293	8.170591	100	25.2
1643.482	975.482	322.1049	19.02354	0.310621	0.668998	583.8105	995.8141	0.233426	0.308622	631.9745	634.4119	8.54905	100	25.9
1643.634	975.634	322.1104	19.02375	0.311634	0.478582	584.0503	947.6523	0.23443	0.290299	655.8738	664.3682	8.952755	100	27
1643.786	975.786	322.1159	19.02395	0.30759	0.311798	574.6248	913.2875	0.230561	0.292582	658.0628	667.0189	8.988507	100	27.4
1643.939	975.939	322.1214	19.02416	0.317267	0.227036	563.3516	923.2205	0.23992	0.344104	574.0474	552.2011	7.441287	100	21.6
1644.091	976.091	322.1269	19.02436	0.327117	0.278506	554.333	966.8695	0.249466	0.376956	515.5367	449.6579	6.059469	100	16.6
1644.244	976.244	322.1324	19.02457	0.319193	0.440576	549.7189	1035.046	0.241837	0.365531	541.8324	498.711	6.720518	100	19.3
1644.396	976.396	322.1379	19.02477	0.32692	0.580017	547.2182	1076.375	0.249332	0.394567	491.4187	399.5155	5.383801	100	14.7
1644.548	976.548	322.1434	19.02498	0.334838	0.657769	549.9817	1101.465	0.257024	0.418595	447.6456	292.8764	3.946763	100	10
1644.701	976.701	322.1489	19.02518	0.324265	0.798051	553.149	1111.036	0.246821	0.388668	503.0249	424.3165	5.718053	100	16
1644.853	976.853	322.1544	19.02539	0.327969	0.767549	558.7283	1091.797	0.250431	0.388101	498.826	415.4932	5.599168	100	15.4
1645.006	977.006	322.1599	19.02559	0.32136	0.782488	567.9605	1035.524	0.244071	0.363031	542.2006	499.3609	6.729391	100	19.3
1645.158	977.158	322.1654	19.0258	0.307593	0.885558	572.191	972.2822	0.230818	0.308203	636.1514	639.7894	8.621833	100	26.5
1645.31	977.31	322.1709	19.026	0.318789	0.680578	569.2736	947.9753	0.241644	0.293908	640.9385	645.8756	8.703883	100	25.7
1645.463	977.463	322.1764	19.02621	0.329706	0.406701	548.1186	979.9223	0.252225	0.320752	589.2912	575.3815	7.753921	100	21.7
1645.615	977.615	322.1819	19.02641	0.347786	0.27521	525.5916	1058.231	0.269781	0.399845	455.9164	314.788	4.242142	100	10.3
1645.768	977.768	322.1874	19.02662	0.350242	0.48616	505.2867	1123.795	0.272195	0.440312	396.7403	148.9648	2.007485	100	3.9
1645.92	977.92	322.1929	19.02682	0.346742	0.69267	491.821	1168.805	0.268824	0.44879	389.6936	136.8495	1.844222	100	3.6
1646.072	978.072	322.1984	19.02703	0.332053	0.902112	488.1815	1177.529	0.25461	0.432457	431.8485	248.4213	3.347806	100	8.5
1646.225	978.225	322.2039	19.02723	0.346118	0.874086	491.5917	1172.84	0.268274	0.463087	370.7218	113.4778	1.529269	100	2.8
1646.377	978.377	322.2094	19.02743	0.326273	0.988436	495.4383	1153.084	0.249073	0.429489	443.5844	281.7831	3.797428	100	10.1
1646.53	978.53	322.2149	19.02764	0.317431	0.995107	490.8241	1149.346	0.240559	0.409	483.6084	382.0726	5.148987	100	14.7
1646.682	978.682	322.2204	19.02784	0.318699	0.968982	477.1812	1155.114	0.241811	0.41314	476.1682	364.8569	4.916998	100	13.8
1646.834	978.834	322.2259	19.02805	0.332786	0.896331	464.9924	1179.214	0.25546	0.443906	414.8745	194.2194	2.617408	100	6.2
1646.987	978.987	322.2314	19.02825	0.341812	0.954774	455.6292	1203.51	0.264236	0.462844	376.6296	119.6097	1.611933	100	3.1
1647.139	979.139	322.2369	19.02846	0.345243	1.025469	452.6953	1222.506	0.267593	0.468334	364.4209	107.7969	1.452741	100	2.6
1647.292	979.292	322.2424	19.02866	0.364613	0.93591	455.2094	1209.263	0.286459	0.503622	289.6889	71.72098	0.966562	100	1
1647.444	979.444	322.2479	19.02887	0.321634	1.286566	468.0583	1123.058	0.244786	0.419759	462.9272	332.6773	4.483404	100	12.5
1647.596	979.596	322.2534	19.02907	0.291901	1.69566	491.4584	995.5004	0.216181	0.31916	641.2298	646.2434	8.709283	100	28.6
1647.749	979.749	322.2589	19.02928	0.295274	1.247558	515.7678	860.8818	0.219447	0.219269	774.5716	792.4097	10.67917	100	34.9
1647.901	979.901	322.2644	19.02948	0.314285	0.538837	545.2231	765.0372	0.237776	0.166278	822.4059	838.375	11.29868	100	34.4
1648.054	980.054	322.2699	19.02969	0.3182	0.210637	562.834	749.7654	0.241583	0.11063	893.9465	904.7956	12.19386	100	36.6
1648.206	980.206	322.2754	19.02989	0.302982	0.165877	568.2263	801.2396	0.226942	0.075991	961.9525	967.3886	13.03747	100	41.4
1648.358	980.358	322.2809	19.03009	0.279095	0.04991	574.8922	870.7566	0.204047	0.108743	948.3487	954.8275	12.86823	100	44.4
1648.511	980.511	322.2864	19.0303	0.269692	0.019243	591.269	913.2925	0.195086	0.207955	823.8023	839.6914	11.31657	100	40.2
1648.663	980.663	322.2919	19.0305	0.315092	0.046956	621.9979	923.0034	0.238695	0.336622	586.0621	570.5738	7.689685	100	22.4
1648.816	980.816	322.2975	19.03071	0.328675	0.122463	650.4293	924.735	0.251847	0.302388	615.1551	612.0847	8.249157	100	23.2
1648.968	980.968	322.3029	19.03091	0.33648	0.18342	659.3199	978.5377	0.259433	0.201442	743.9933	761.8085	10.26704	100	28.7
1649.12	981.12	322.3084	19.03112	0.338238	0.163162	642.3493	1057.172	0.261165	0.202485	740.1638	757.8879	10.21424	100	28.3
1649.273	981.273	322.314	19.03132	0.323056	0.103283	606.5931	1105.855	0.246498	0.249924	694.9382	709.6781	9.564538	100	27.7
1649.425	981.425	322.3194	19.03153	0.328362	0.232016	576.7509	1109.261	0.251657	0.355466	542.1703	499.3074	6.729331	100	18.6
1649.578	981.578	322.325	19.03173	0.318753	0.462843	559.3568	1073.072	0.242398	0.367049	538.963	493.6132	6.652613	100	19.1
1649.73	981.73	322.3305	19.03194	0.311256	0.525926	551.7396	1052.612	0.235193	0.366225	550.0426	512.9791	6.913636	100	20.5
1649.882	981.882	322.3359	19.03214	0.312678	0.539622	545.8584	1039.365	0.236593	0.376647	533.7296	484.1615	6.525272	100	19.1
1650.035	982.035	322.3415	19.03235	0.310614	0.553217	558.051	1020.784	0.23463	0.372695	541.8916	498.8156	6.722794	100	19.9
1650.187	982.187	322.347	19.03255	0.316634	0.536404	570.1056	984.5049	0.240465	0.370511	536.8538	489.8281	6.601689	100	19.1
1650.34	982.34	322.3525	19.03275	0.321824	0.481162	595.7999	952.0015	0.245505	0.348826	559.8227	529.389	7.134899	100	20.4
1650.492	982.492	322.358	19.03296	0.323111	0.445891	595.4455	956.9391	0.246777	0.306102	617.0271	614.6257	8.283712	100	23.9
1650.644	982.644	322.3634	19.03316	0.327275	0.380243	582.62	1000.814	0.250831	0.298503	621.9199	621.1992	8.372339	100	23.8
1650.797	982.797	322.369	19.03337	0.309598	0.345545	559.9159	1016.702	0.233793	0.305709	635.4881	638.9396	8.611466	100	26
1650.949	982.949	322.3745	19.03357	0.292082	0.477953	557.8516	993.8873	0.216973	0.309555	653.3916	661.3446	8.913466	100	28.8
1651.102	983.102	322.38	19.03378	0.271211	0.637593	577.842	950.4484	0.197016	0.258787	750.9923	768.9193	10.36337	100	36.7
1651.254	983.254	322.3855	19.03398	0.277838	0.646802	611.0649	905.2935	0.203379	0.217478	799.2176	816.3262	11.00235	100	38.1
1651.406	983.406	322.391	19.03419	0.282392	0.557546	633.1457	907.4775	0.207766	0.160247	872.1425	884.7104	11.92406	100	40.7
1651.559	983.559	322.3965	19.03439	0.28265	0.495673	626.9857	936.7823	0.208042	0.164061	866.4984	879.4963	11.85383	100	40.4
1651.711	983.711	322.402	19.0346	0.278629	0.418225	596.6444	1002.139	0.20422	0.197972	824.9749	840.796	11.33226	100	39.1
1651.864	983.864	322.4075	19.0348	0.294232	0.322679	558.7222	1059.786	0.219206	0.286075	682.7124	695.9228	9.379696	100	30.1
1652.016	984.016	322.413	19.03501	0.312227	0.376714	529.8741	1079.5	0.236551	0.332482	594.7338	583.3659	7.86267	100	23.4
1652.168	984.168	322.4185	19.03521	0.317437	0.465684	515.4077	1065.078	0.241605	0.327685	594.3797	582.8509	7.855757	100	23
1652.321	984.321	322.424	19.03542	0.318816	0.566526	516.9142	1017.87	0.242965	0.327814	592.3253	579.8507	7.815344	100	22.8
1652.473	984.473	322.4295	19.03562	0.303697	0.650839	538.3582	969.6823	0.228419	0.289943	664.6614	674.9225	9.096775	100	28.3
1652.626	984.626	322.435	19.03583	0.305454	0.493783	579.8617	930.4034	0.230138	0.29555	654.5518	662.7602	8.932876	100	27.6
1652.778	984.778	322.4405	19.03603	0.321542	0.291148	640.6265	891.7855	0.245682	0.328174	588.0778	573.5811	7.730922	100	22.2
1652.93	984.93	322.446	19.03623	0.331335	0.140147	704.0463	886.8265	0.255181	0.313342	595.4384	584.389	7.876622	100	21.8
1653.083	985.083	322.4515	19.03644	0.332305	0.077545	756.3503	915.4373	0.256148	0.204819	743.8657	761.6782	10.26623	100	29
1653.235	985.235	322.457	19.03664	0.350666	0.065886	785.379	959.363	0.273986	0.107187	853.9817	867.9015	11.69799	100	31.5
1653.388	985.388	322.4625	19.03685	0.362737	0.065861	789.206	1003.799	0.285757	0.070035	889.0081	900.2526	12.13408	100	31.6
1653.54	985.54	322.468	19.03705	0.351161	0.034469	763.3806	1015.918	0.274523	0.078131	893.3373	904.2353	12.1878	100	32.9
1653.692	985.692	322.4735	19.03726	0.340151	0.024537	698.5956	1031.655	0.263863	0.078083	908.1144	917.8184	12.37092	100	34.5
1653.845	985.845	322.479	19.03746	0.333771	0.03939	596.7875	1063.242	0.257708	0.090672	899.2356	909.6586	12.26098	100	34.9

1653.997	985.997	322.4845	19.03767	0.323535	0.011456	534.9793	1129.49	0.247833	0.150231	830.6726	846.1522	11.40504	100	33.4
1654.15	986.15	322.49	19.03787	0.319061	0.021073	497.6739	1214.421	0.243539	0.266096	676.7048	689.0297	9.287263	100	27.2
1654.302	986.302	322.4955	19.03808	0.365439	0.117964	491.4088	1323.009	0.288557	0.453387	356.1165	101.3943	1.366673	100	1.7
1654.454	986.454	322.501	19.03828	0.384531	0.353336	489.4495	1370.524	0.307221	0.51509	245.211	59.90777	0.807488	100	0.2
1654.607	986.607	322.5065	19.03849	0.370622	0.743491	491.3106	1384.365	0.293666	0.4983	287.0869	70.93576	0.956135	100	0.9
1654.759	986.759	322.512	19.03869	0.350344	1.120557	492.7711	1366.57	0.273954	0.466075	358.7611	103.316	1.39259	100	2.4
1654.912	986.912	322.5175	19.03889	0.343988	1.320474	494.8683	1352.482	0.26781	0.460824	374.4848	117.2832	1.580858	100	3.1
1655.064	987.064	322.523	19.0391	0.323003	1.704092	496.6867	1339.369	0.247515	0.42616	450.3281	300.0814	4.044806	100	11.2
1655.216	987.216	322.5285	19.0393	0.332976	1.558572	496.4046	1327.116	0.257191	0.445987	409.6152	178.4984	2.405993	100	5.9
1655.369	987.369	322.534	19.03951	0.342897	1.479399	493.8087	1321.948	0.266835	0.462151	374	116.7737	1.574007	100	3.2
1655.521	987.521	322.5395	19.03971	0.333535	1.541274	489.4668	1329.512	0.257788	0.442619	413.4392	189.6762	2.556677	100	6.3
1655.674	987.674	322.545	19.03992	0.339294	1.435305	485.8635	1327.911	0.263396	0.453802	390.2658	137.7481	1.856735	100	4.1
1655.826	987.826	322.5505	19.04012	0.327484	1.564785	483.425	1342.615	0.251988	0.436803	429.4687	241.41	3.254028	100	8.6
1655.978	987.978	322.556	19.04033	0.334911	1.48035	484.6985	1348.665	0.259205	0.455126	394.2239	144.3646	1.945933	100	4.4
1656.131	988.131	322.5615	19.04053	0.350315	1.337097	489.8907	1350.51	0.274178	0.48197	336.5158	89.72081	1.209378	100	2
1656.283	988.283	322.567	19.04074	0.374461	1.143426	498.8142	1342.457	0.29772	0.518562	253.53	61.90047	0.834381	100	0.7
1656.436	988.436	322.5725	19.04094	0.368488	1.195824	506.5598	1323.619	0.291922	0.500364	286.6449	70.80384	0.954396	100	1.1
1656.588	988.588	322.578	19.04115	0.335497	1.37387	506.1365	1313.59	0.259885	0.433228	423.5041	223.4559	3.01207	100	7.6
1656.74	988.74	322.5835	19.04135	0.330783	1.2016	497.656	1303.355	0.255347	0.423165	443.6533	281.9731	3.800866	100	10
1656.893	988.893	322.589	19.04156	0.330954	1.100069	481.391	1294.382	0.255542	0.433354	429.3248	240.9832	3.248351	100	8.3
1657.045	989.045	322.5945	19.04176	0.351866	0.987642	475.3459	1281.645	0.275853	0.481106	335.3964	89.16144	1.201862	100	1.8
1657.198	989.198	322.6	19.04197	0.349948	1.065469	480.771	1281.825	0.274018	0.483227	335.0019	88.96647	1.199238	100	1.9
1657.35	989.35	322.6055	19.04217	0.348856	1.126852	493.4524	1295.593	0.272984	0.480866	339.6867	91.35815	1.231482	100	2
1657.502	989.502	322.611	19.04238	0.356843	1.073532	498.441	1305.095	0.280777	0.493626	311.3239	78.93908	1.06408	100	1.4
1657.655	989.655	322.6165	19.04258	0.370307	0.961131	501.1914	1309.076	0.29392	0.515052	263.6184	64.43368	0.868553	100	0.7
1657.807	989.807	322.622	19.04278	0.368906	0.940513	501.6377	1304.613	0.292582	0.51115	270.8504	66.3381	0.894228	100	0.8
1657.96	989.96	322.6276	19.04299	0.374018	0.900505	500.2924	1293.974	0.297596	0.520143	251.5198	61.41138	0.827819	100	0.6
1658.112	990.112	322.633	19.04319	0.371021	0.849434	497.6242	1275.997	0.2947	0.515116	262.4543	64.13435	0.864528	100	0.7
1658.264	990.264	322.6385	19.0434	0.360711	0.754062	495.1924	1262.528	0.284682	0.496105	302.5141	75.83336	1.022233	100	1.1
1658.417	990.417	322.6441	19.0436	0.341769	0.70679	493.4269	1252.12	0.266302	0.456959	381.9004	125.8779	1.696838	100	3.2
1658.569	990.569	322.6495	19.04381	0.333451	0.601118	492.3702	1243.199	0.258267	0.435694	422.3345	219.8702	2.963867	100	7.1
1658.722	990.722	322.6551	19.04401	0.331667	0.543256	484.3067	1251.34	0.256568	0.432536	429.037	240.1291	3.236971	100	8
1658.874	990.874	322.6606	19.04422	0.332968	0.653042	481.1955	1261.556	0.257856	0.444033	411.3935	183.5355	2.47409	100	5.7
1659.026	991.026	322.666	19.04442	0.322608	0.750646	482.0555	1271.667	0.247861	0.434762	437.9801	266.0988	3.58707	100	9.4
1659.179	991.179	322.6716	19.04463	0.314894	0.845619	487.5429	1280.641	0.240441	0.423736	463.4356	333.951	4.501746	100	12.7
1659.331	991.331	322.677	19.04483	0.325654	0.776257	493.7229	1266.876	0.250862	0.439238	427.6632	236.0335	3.181805	100	8.1
1659.484	991.484	322.6826	19.04504	0.337622	0.726124	507.0541	1251.364	0.262476	0.454007	391.2533	139.3322	1.878247	100	3.8
1659.636	991.636	322.6881	19.04524	0.318635	0.885242	510.7004	1231.815	0.244136	0.402578	487.5345	390.9194	5.269749	100	14.9
1659.788	991.788	322.6935	19.04544	0.310465	0.92831	510.7103	1232.714	0.236283	0.364321	551.1672	514.8977	6.941052	100	20.8
1659.941	991.941	322.6991	19.04565	0.315918	0.835857	499.3879	1258.071	0.24157	0.362758	546.0287	506.0615	6.821958	100	20
1660.093	992.093	322.7046	19.04585	0.329419	0.75682	489.5848	1288.995	0.254644	0.403981	471.0976	352.7738	4.755581	100	12.8
1660.246	992.246	322.7101	19.04606	0.343189	0.597399	485.9191	1323.289	0.268015	0.451022	387.7291	133.8673	1.804609	100	3.5
1660.398	992.398	322.7156	19.04626	0.3561	0.479833	488.1902	1319.782	0.280587	0.490108	316.442	80.87352	1.090226	100	1.2
1660.55	992.55	322.7211	19.04647	0.347457	0.647665	490.0019	1281.737	0.272214	0.480471	341.2947	92.22	1.243188	100	1.8
1660.703	992.703	322.7266	19.04667	0.34818	0.806392	489.5459	1243.726	0.272944	0.484885	334.1958	88.57165	1.19401	100	1.7
1660.855	992.855	322.7321	19.04688	0.345302	0.896337	488.4891	1223.996	0.270178	0.478825	346.3767	95.0983	1.281998	100	2.1
1661.008	993.008	322.7376	19.04708	0.351813	0.728945	487.4982	1218.825	0.27653	0.491703	319.8386	82.2185	1.108372	100	1.4
1661.16	993.16	322.7431	19.04729	0.352442	0.587845	487.275	1223.385	0.277169	0.491682	318.9848	81.8755	1.103752	100	1.3
1661.312	993.312	322.7486	19.04749	0.368412	0.477775	488.4303	1238.864	0.292743	0.519908	258.5411	63.14183	0.851209	100	0.5
1661.465	993.465	322.7541	19.0477	0.367338	0.418714	491.1282	1266.28	0.291725	0.516847	264.1709	64.57645	0.870552	100	0.5
1661.617	993.617	322.7596	19.0479	0.356901	0.437984	494.0787	1288.359	0.281589	0.497668	304.6251	76.55421	1.032027	100	1
1661.77	993.77	322.7651	19.04811	0.340917	0.521129	493.9214	1291.509	0.266091	0.470605	363.3595	106.9153	1.44133	100	2.4
1661.922	993.922	322.7706	19.04831	0.313893	0.652235	488.516	1276.325	0.239979	0.423601	464.2596	336.0087	4.529762	100	12.7
1662.074	994.074	322.7761	19.04852	0.294913	0.763215	480.6493	1273.27	0.221738	0.390502	535.11	486.6742	6.560916	100	20.6
1662.227	994.227	322.7816	19.04872	0.346425	0.53209	478.4112	1286.036	0.27152	0.48199	340.1565	91.60765	1.234979	100	1.7
1662.379	994.379	322.7871	19.04893	0.361382	0.502124	479.678	1317.396	0.28609	0.500112	295.0412	73.38541	0.989325	100	0.9
1662.532	994.532	322.7926	19.04913	0.368359	0.522651	483.7378	1342.89	0.292916	0.50283	281.8718	69.40504	0.935668	100	0.7
1662.684	994.684	322.7981	19.04933	0.359241	0.658619	485.9795	1343.047	0.284061	0.482086	322.7162	83.40027	1.124345	100	1.4
1662.836	994.836	322.8036	19.04954	0.353216	0.773284	488.3885	1323.992	0.278229	0.474906	340.6738	91.8846	1.238729	100	1.8
1662.989	994.989	322.8091	19.04974	0.356965	0.838548	490.2527	1308.347	0.281903	0.484803	321.9464	83.08015	1.120037	100	1.5
1663.141	995.141	322.8146	19.04995	0.371661	0.802009	492.7832	1316.834	0.296247	0.509856	267.578	65.46659	0.882584	100	0.7
1663.294	995.294	322.8201	19.05015	0.393577	0.729443	495.7764	1331.63	0.317696	0.542454	192.9926	48.96981	0.660186	97.4	0
1663.446	995.446	322.8256	19.05036	0.399278	0.752393	498.9041	1326.858	0.323309	0.548204	177.3119	46.12072	0.621778	90.9	0
1663.598	995.598	322.8311	19.05056	0.382343	0.914448	506.1014	1298.217	0.306761	0.516215	244.2937	59.69297	0.804756	100	0.5
1663.751	995.751	322.8366	19.05077	0.363604	0.942328	521.8252	1244.861	0.288505	0.48295	315.3913	80.4677	1.084836	100	1.4
1663.903	995.903	322.8421	19.05097	0.302253	1.292861	548.3759	1137.975	0.229129	0.339299	595.5689	584.5783	7.881096	100	24.7
1664.056	996.056	322.8476	19.05118	0.283739	1.074853	564.9792	1073.605	0.211382	0.24132	755.2712	773.2335	10.42452	100	35.4
1664.208	996.208	322.8531	19.05138	0.278831	0.640956	554.7004	1020.493	0.206711	0.212801	801.0734	818.1053	11.02951	100	38.1
1664.36	996.36	322.8586	19.05159	0.272673	0.374096	520.4011	1020.582	0.20085	0.276306	721.5244	738.4737	9.955963	100	34.9
1664.513	996.513	322.8641	19.05179	0.277585	0.503363	489.1606	1021.826	0.205574	0.352032	610.5041	605.7074	8.166063	100	27.7
1664.665	996.665	322.8696	19.05199	0.275014	0.902322	475.3209	1020.568	0.203143	0.366543	593.8336	582.0554	7.847219	100	27
1664.818	996.818	322.8751	19.0522	0.281796	1.07681	477.8349	998.6332	0.20966	0.383603	561.2961	531.8084	7.169816	100	24
1664.97	996.97	322.8806	19.0524	0.266531	1.389695	483.7063	950.1843	0.195097	0.363017	609.8034	604.7385	8.153085	100	29.3
1665.122	997.122	322.8861	19.05261	0.222839	2.204869	489.279	877.8792	0.153681	0.297333	757.6018	775.5731	10.45631	100	46
1665.275	997.275	322.8916	19.05281	0.181	2.869164	487.8155	805.6019	0.114531	0.237549	894.1295	904.9639	12.20081	100	66.9
1665.427	997.427	322.8971	19.05302	0.165845	3.069303	480.0111	760.6687	0.100509	0.220186	937.441	944.7791	12.73764	100	76.4
1665.58	997.58	322.9026	19.05322	0.168125	2.794632	466.1254	755.7292	0.102645	0.219219	935.8281	943.2946	12.71767	100	75.2
1665.732	997.732	322.9081	19.05343	0.183124	1.94421	452.9813	790.4308	0.11659	0.236615	892.5774	903.5364	12.18168	100	65.8
1665.884	997.884	322.9136	19.05363	0.199666	1.623652	444.0283	840.7083	0.132054	0.259215	840.0489	854.9299	11.5264	100	56.8
1666.037	998.037	322.9191	19.05384	0.232357	1.313962	440.3593	900.2455	0.162834	0.312772	723.6645	740.7325	9.986789	100	41.8

1666.189	998.189	322.9246	19.05404	0.266548	1.179364	454.4519	917.3857	0.195336	0.347329	631.1216	633.3061	8.538464	100	30.7
1666.342	998.342	322.9301	19.05425	0.269051	1.335672	491.1405	903.6538	0.197753	0.302139	690.149	704.3318	9.496088	100	34
1666.494	998.494	322.9356	19.05445	0.282705	1.010504	541.8265	826.6779	0.210838	0.274032	710.8804	727.1145	9.803288	100	33.3
1666.646	998.646	322.9411	19.05466	0.284309	0.677114	595.6729	785.6878	0.212402	0.209021	798.436	815.5761	10.996	100	37.2
1666.799	998.799	322.9466	19.05486	0.293279	0.383831	620.7141	796.0815	0.221034	0.150186	867.7157	880.6216	11.87302	100	38.9
1666.951	998.951	322.9521	19.05507	0.285278	0.265586	617.6913	883.6303	0.213386	0.094573	955.017	960.9802	12.9565	100	43.8
1667.104	999.104	322.9577	19.05527	0.265502	0.190748	598.4562	974.1419	0.194506	0.099581	974.1597	978.6953	13.19539	100	48.2
1667.256	999.256	322.9631	19.05547	0.252441	0.096765	573.796	1040.683	0.182097	0.15574	913.7847	923.0286	12.4449	100	47.7
1667.408	999.408	322.9686	19.05568	0.283062	0.136154	568.2364	1027.658	0.211347	0.268467	717.8571	734.5839	9.904193	100	33.2
1667.561	999.561	322.9742	19.05588	0.304332	0.238398	574.7872	992.6752	0.231799	0.273571	682.5884	695.7816	9.381067	100	29
1667.713	999.713	322.9796	19.05609	0.311146	0.339184	592.5489	955.9774	0.238391	0.214916	754.4366	772.3939	10.41405	100	31.8
1667.866	999.866	322.9852	19.05629	0.324907	0.278063	606.9534	948.4215	0.251704	0.167137	802.0004	818.9929	11.04237	100	32.2
1668.018	1000.018	322.9906	19.0565	0.336072	0.226183	596.4185	973.3606	0.262538	0.146589	815.4042	831.7562	11.21449	100	31.6
1668.17	1000.17	322.9961	19.0567	0.32214	0.269024	551.5677	1038.157	0.249084	0.162565	811.924	828.4545	11.17002	100	32.9
1668.323	1000.323	323.0017	19.05691	0.288741	0.519705	488.6568	1092.693	0.216958	0.240843	748.235	766.1262	10.32968	100	34.2
1668.475	1000.475	323.0071	19.05711	0.266207	0.91846	452.7199	1092.638	0.195429	0.320459	668.0741	678.9607	9.15446	100	32.9
1668.628	1000.628	323.0127	19.05732	0.23006	2.008031	458.2665	1003.07	0.161137	0.31252	726.3532	743.5589	10.02547	100	42.6
1668.78	1000.78	323.0182	19.05752	0.200469	2.441105	516.3335	885.7543	0.133334	0.227654	881.8367	893.6499	12.04921	100	59.4
1668.932	1000.932	323.0236	19.05773	0.238514	0.944093	583.8522	822.4128	0.169189	0.159495	926.4158	934.6372	12.60188	100	51.7
1669.085	1001.085	323.0292	19.05793	0.308034	0.292412	644.8534	853.9601	0.235643	0.12805	878.1034	890.2094	12.0029	100	37.3
1669.237	1001.237	323.0347	19.05813	0.360186	0.130323	669.7173	952.4624	0.286181	0.130801	804.5654	821.4455	11.07578	100	28.9
1669.39	1001.39	323.0402	19.05834	0.38009	0.006747	677.7613	1031.164	0.30562	0.125054	785.6696	803.2499	10.83048	100	26.5
1669.542	1001.542	323.0457	19.05854	0.385335	0.004678	673.5375	1061.2	0.310774	0.115675	791.5004	808.8975	10.90666	100	26.4
1669.694	1001.694	323.0512	19.05875	0.38514	0.004818	666.6191	1046.46	0.310611	0.101781	810.899	827.4806	11.15726	100	27
1669.847	1001.847	323.0567	19.05895	0.379978	0.004827	657.5645	1021.807	0.305593	0.09773	823.4136	839.3251	11.31701	100	27.9
1669.999	1001.999	323.0622	19.05916	0.377782	0.005057	648.1553	989.5552	0.303477	0.091146	835.4213	850.6031	11.46911	100	28.4
1670.152	1002.152	323.0677	19.05936	0.381412	0.005834	641.2436	966.3049	0.30705	0.096054	823.7155	839.6096	11.32092	100	27.8
1670.304	1002.304	323.0732	19.05957	0.386923	0.006522	633.1373	966.8564	0.312466	0.0993	811.7633	828.3019	11.16849	100	26.9
1670.456	1002.456	323.0787	19.05977	0.38197	0.004994	624.8833	1000.715	0.307652	0.097455	820.9536	837.0046	11.28587	100	27.6
1670.609	1002.609	323.0842	19.05998	0.364602	0.004116	616.101	1047.161	0.290732	0.12669	803.9574	820.8646	11.06828	100	28.4
1670.761	1002.761	323.0897	19.06018	0.346556	0.003334	605.0607	1085.512	0.273208	0.188589	742.7207	760.508	10.25449	100	27.7
1670.914	1002.914	323.0952	19.06039	0.349773	0.003514	605.6121	1066.53	0.27636	0.243741	662.2613	672.0626	9.061941	100	23.9
1671.066	1003.066	323.1007	19.06059	0.358711	0.004587	604.4438	1014.329	0.285079	0.219086	684.2526	697.6755	9.407333	100	24.3
1671.218	1003.218	323.1062	19.06079	0.37195	0.00599	619.8754	945.8958	0.298007	0.144938	768.7367	786.6583	10.6072	100	26.6
1671.371	1003.371	323.1117	19.061	0.379164	0.005072	643.3904	925.1287	0.305076	0.098316	823.3193	839.2362	11.31619	100	27.9
1671.523	1003.523	323.1172	19.0612	0.372969	0.004072	677.1777	945.6515	0.299057	0.079932	856.9956	870.698	11.74046	100	29.6
1671.676	1003.676	323.1227	19.06141	0.361403	0.003721	711.7889	990.6331	0.287811	0.07279	882.3706	894.1418	12.05661	100	31.5
1671.828	1003.828	323.1282	19.06161	0.350226	0.003499	728.927	1037.448	0.276967	0.068895	902.7105	912.8526	12.30895	100	33.3
1671.98	1003.98	323.1337	19.06182	0.337012	0.003411	731.8972	1073.743	0.264172	0.071452	916.8393	925.8354	12.48405	100	35.2
1672.133	1004.133	323.1392	19.06202	0.319986	0.003385	721.8021	1082.703	0.247728	0.092579	910.3776	919.898	12.40404	100	37
1672.285	1004.285	323.1447	19.06223	0.304282	0.003631	705.5304	1070.846	0.232614	0.107875	910.1249	919.6658	12.40094	100	39
1672.438	1004.438	323.1502	19.06243	0.302007	0.004329	697.6374	1045.341	0.230453	0.11627	901.5225	911.7607	12.2944	100	38.9
1672.59	1004.59	323.1557	19.06264	0.311574	0.005173	697.2141	1022.152	0.239694	0.108538	899.4394	909.846	12.26862	100	37.6
1672.742	1004.742	323.1612	19.06284	0.323746	0.005258	703.0919	1015.824	0.251471	0.099051	896.2794	906.9408	12.22949	100	36
1672.895	1004.895	323.1667	19.06305	0.328798	0.004633	704.0045	998.6403	0.256385	0.093104	897.7057	908.2522	12.24721	100	35.4
1673.047	1005.047	323.1722	19.06325	0.327001	0.003795	704.0504	988.6201	0.254674	0.105618	882.7969	894.5344	12.06227	100	35.1
1673.2	1005.2	323.1777	19.06346	0.326563	0.003373	702.705	976.7848	0.254279	0.124472	857.3239	871.0023	11.745	100	34.1
1673.352	1005.352	323.1832	19.06366	0.329574	0.003184	696.7614	996.4405	0.257219	0.146441	822.95	838.8881	11.31199	100	32.5
1673.504	1005.504	323.1887	19.06387	0.330476	0.002998	688.7666	1028.547	0.25812	0.170048	789.1289	806.6042	10.87669	100	31
1673.657	1005.657	323.1942	19.06407	0.327642	0.002787	680.3421	1081.768	0.255405	0.225101	716.902	733.5668	9.891853	100	28.3
1673.809	1005.809	323.1997	19.06428	0.317142	0.002482	679.0883	1119.777	0.245288	0.248661	698.3507	713.456	9.620697	100	28.4
1673.962	1005.962	323.2052	19.06448	0.306254	0.002244	667.3983	1134.091	0.234818	0.235045	731.5893	749.0279	10.10041	100	31.1
1674.114	1006.114	323.2107	19.06468	0.296997	0.002819	638.4779	1128.593	0.225941	0.207663	781.6273	799.3158	10.77856	100	34.5
1674.266	1006.266	323.2162	19.06489	0.298962	0.013675	595.8853	1115.399	0.227857	0.248362	722.8182	739.8402	9.976581	100	31.5
1674.419	1006.419	323.2217	19.06509	0.311319	0.130171	582.0553	1124.482	0.239782	0.320403	606.9457	600.765	8.101213	100	24.1
1674.571	1006.571	323.2272	19.0653	0.34527	0.220198	601.1954	1159.036	0.272654	0.410204	437.6561	265.1783	3.575895	100	8.4
1674.724	1006.724	323.2327	19.0655	0.331138	0.295542	654.822	1203.065	0.258983	0.374775	505.4137	429.2629	5.788576	100	15.6
1674.876	1006.876	323.2382	19.06571	0.310498	0.360325	719.4495	1208.775	0.239074	0.274043	671.8999	683.449	9.216283	100	27.9
1675.028	1007.028	323.2437	19.06591	0.321739	0.183259	754.3101	1174.119	0.249949	0.172797	796.6108	813.8225	10.9744	100	32.3
1675.181	1007.181	323.2492	19.06612	0.356484	0.106564	754.868	1114.784	0.283662	0.115104	829.7028	845.2417	11.39813	100	30.1
1675.333	1007.333	323.2547	19.06632	0.372513	0.008108	718.9671	1080.627	0.299305	0.104547	822.6834	838.6367	11.3091	100	28.4
1675.486	1007.486	323.2602	19.06653	0.357973	0.005008	657.4739	1086.023	0.285166	0.161647	763.3979	781.362	10.53678	100	27.5
1675.638	1007.638	323.2657	19.06673	0.332475	0.007874	593.0926	1136.409	0.260444	0.260725	660.7869	670.2973	9.039088	100	25.2
1675.79	1007.79	323.2712	19.06694	0.328042	0.099626	560.3455	1180.442	0.256181	0.36394	524.2333	466.4813	6.290608	100	17.2
1675.943	1007.943	323.2767	19.06714	0.31061	0.298495	543.9492	1214.748	0.239375	0.372442	535.6925	487.7302	6.57718	100	19.3
1676.095	1008.095	323.2822	19.06734	0.302772	0.548009	535.3965	1219.056	0.231855	0.37089	548.2119	509.8376	6.875328	100	21
1676.248	1008.248	323.2878	19.06755	0.317295	0.705905	521.7471	1238.002	0.245879	0.407174	478.7869	370.9847	5.002867	100	14.1
1676.4	1008.4	323.2932	19.06775	0.341163	0.787114	508.6653	1254.564	0.269002	0.459363	374.8557	117.677	1.586924	100	3
1676.552	1008.552	323.2987	19.06796	0.364967	0.807688	499.4661	1278.281	0.292171	0.5061	278.3863	68.41179	0.922565	100	0.8
1676.705	1008.705	323.3043	19.06816	0.372245	0.821187	494.3137	1288.077	0.299294	0.521069	247.8992	60.54279	0.816451	100	0.5
1676.857	1008.857	323.3097	19.06837	0.374887	0.864442	491.281	1292.556	0.3019	0.527928	234.8376	57.53178	0.775848	100	0.4
1677.01	1009.01	323.3153	19.06857	0.353069	1.076724	489.3973	1292.726	0.280674	0.489715	316.8639	81.03778	1.092843	100	1.5
1677.162	1009.162	323.3207	19.06878	0.361576	1.061446	487.9205	1297.534	0.288979	0.502469	287.8022	71.15013	0.959505	100	1.1
1677.314	1009.314	323.3262	19.06898	0.341294	1.273937	487.4576	1308.956	0.269295	0.461609	371.3528	114.0927	1.538619	100	3
1677.467	1009.467	323.3318	19.06919	0.373757	0.994336	487.4774	1328.483	0.300908	0.517568	250.5022	61.16567	0.824864	100	0.6
1677.619	1009.619	323.3372	19.06939	0.388264	0.927746	487.5595	1348.638	0.315111	0.541776	197.4968	49.82167	0.671884	100	0.1
1677.772	1009.772	323.3428	19.0696	0.419221	0.774255	486.8637	1367.226	0.345504	0.592402	85.69027	32.53206	0.438722	61.4	0
1677.924	1009.924	323.3483	19.0698	0.392584	0.941681	485.0915	1391.077	0.319394	0.54657	184.9691	47.48987	0.640442	100	0
1678.076	1010.076	323.3537	19.07001	0.39395	0.932808	483.7983	1383.844	0.32076	0.54874	180.0911	46.61287	0.628617	98.4	0
1678.229	1010.229	323.3593	19.07021	0.375742	1.045112	482.9254	1366.642	0.302984	0.521655	241.9976	59.15939	0.797822	100	0.6

1678.381	1010.381	323.3648	19.07042	0.352573	1.197097	482.466	1352.202	0.280441	0.487919	319.6632	82.14776	1.107845	100	1.6
1678.534	1010.534	323.3703	19.07062	0.333898	1.346152	481.8918	1343.215	0.262348	0.463146	378.818	122.1126	1.646817	100	3.5
1678.686	1010.686	323.3758	19.07082	0.354673	1.142655	482.2658	1334.288	0.282538	0.50391	294.7018	73.27776	0.988232	100	1.3
1678.838	1010.838	323.3813	19.07103	0.367824	1.050568	483.0009	1315.812	0.29537	0.525088	247.7669	60.51134	0.816065	100	0.7
1678.991	1010.991	323.3868	19.07123	0.35863	1.124925	483.7361	1306.102	0.286443	0.504782	288.1098	71.24266	0.960792	100	1.1
1679.143	1011.143	323.3923	19.07144	0.360006	1.106364	483.7591	1298.603	0.28781	0.503162	288.4592	71.34802	0.962216	100	1.1
1679.296	1011.296	323.3978	19.07164	0.349384	1.192303	483.1815	1296.746	0.277509	0.484166	328.8888	86.08215	1.160928	100	1.8
1679.448	1011.448	323.4033	19.07185	0.373656	1.008468	482.6039	1294.753	0.30117	0.527749	236.0926	57.8132	0.779688	100	0.5
1679.6	1011.6	323.4088	19.07205	0.350323	1.170996	482.2658	1293.601	0.278476	0.489646	319.9914	82.28024	1.109662	100	1.7
1679.753	1011.753	323.4143	19.07226	0.349011	1.130454	482.1674	1293.41	0.27723	0.489178	322.3579	83.25091	1.122757	100	1.7
1679.905	1011.905	323.4198	19.07246	0.309025	1.540738	482.2462	1289.513	0.238568	0.419704	471.5845	353.9467	4.77349	100	14.1
1680.058	1012.058	323.4253	19.07267	0.319003	1.398293	483.6903	1281.949	0.24822	0.438558	432.2462	249.5848	3.366027	100	9.1
1680.21	1012.21	323.4308	19.07287	0.308036	1.533479	487.054	1264.791	0.237671	0.419077	473.6879	358.9827	4.841441	100	14.4
1680.362	1012.362	323.4363	19.07308	0.325165	1.257464	489.2235	1256.227	0.25423	0.447393	411.7608	184.6103	2.489765	100	6.2
1680.515	1012.515	323.4418	19.07328	0.328465	1.142375	488.8297	1256.867	0.257449	0.45111	402.189	160.1266	2.159571	100	5.1
1680.667	1012.667	323.4473	19.07348	0.336438	1.040515	485.6265	1267.887	0.265196	0.461747	376.8181	119.8201	1.615977	100	3.2
1680.82	1012.82	323.4528	19.07369	0.341553	1.091102	480.5331	1288.734	0.270183	0.469644	359.0396	103.5244	1.396207	100	2.5
1680.972	1012.972	323.4583	19.07389	0.34798	1.087193	476.5422	1298.392	0.276449	0.480387	335.566	89.24559	1.203636	100	1.9
1681.124	1013.124	323.4638	19.0741	0.354184	1.082127	472.4332	1298.082	0.282505	0.490648	313.0491	79.5795	1.073275	100	1.5
1681.277	1013.277	323.4693	19.0743	0.36444	1.017023	467.8747	1288.135	0.292516	0.509615	273.0594	66.93602	0.902758	100	0.9
1681.429	1013.429	323.4748	19.07451	0.356171	1.046115	462.1542	1270.132	0.284493	0.49679	301.8302	75.60274	1.019648	100	1.3
1681.582	1013.582	323.4803	19.07471	0.342698	1.152101	453.9133	1256.391	0.271432	0.474109	351.1525	98.04397	1.322316	100	2.3
1681.734	1013.734	323.4858	19.07492	0.344834	1.132306	446.808	1228.256	0.273533	0.478739	341.8656	92.53139	1.247972	100	2.1
1681.886	1013.886	323.4913	19.07512	0.353396	1.088792	449.6074	1179.213	0.281878	0.496205	306.2455	77.11709	1.040083	100	1.4
1682.039	1014.039	323.4968	19.07533	0.333097	1.312808	477.2608	1110.67	0.262209	0.452709	393.4132	142.9499	1.92798	100	4.3
1682.191	1014.191	323.5023	19.07553	0.310323	1.572906	534.5729	1072.952	0.240234	0.357732	554.806	521.0487	7.027462	100	21.4
1682.344	1014.344	323.5078	19.07574	0.32501	1.164855	603.0568	1066.103	0.254439	0.23575	703.5396	719.152	9.699341	100	28.5
1682.496	1014.496	323.5133	19.07594	0.368428	0.565161	669.7714	1088.89	0.296623	0.160449	749.2401	767.1455	10.34668	100	26.4
1682.648	1014.648	323.5188	19.07615	0.393582	0.355695	709.1414	1124.287	0.321229	0.114304	778.9645	796.7154	10.74553	100	25.5
1682.801	1014.801	323.5243	19.07635	0.390905	0.308122	729.7682	1130.98	0.318636	0.105773	794.3156	811.6133	10.9465	100	26.2
1682.953	1014.953	323.5298	19.07656	0.380677	0.242551	740.2375	1109.918	0.308661	0.102175	813.0467	829.5206	11.18805	100	27.6
1683.106	1015.106	323.5353	19.07676	0.374493	0.15791	741.1794	1081.318	0.30265	0.111865	807.9697	824.693	11.12298	100	27.9
1683.258	1015.258	323.5408	19.07697	0.375246	0.067113	726.3386	1070.4	0.303412	0.113729	804.3449	821.2348	11.07637	100	27.6
1683.41	1015.41	323.5463	19.07717	0.37524	0.025452	679.7451	1086.214	0.303435	0.136397	773.0318	790.8956	10.66721	100	26.5
1683.563	1015.563	323.5518	19.07737	0.355191	0.014912	618.439	1132.888	0.283927	0.182678	736.0851	753.6878	10.16541	100	26.7
1683.715	1015.715	323.5573	19.07758	0.325409	0.016815	550.3162	1197.604	0.255073	0.271417	653.443	661.4073	8.920798	100	25.5
1683.868	1015.868	323.5628	19.07778	0.314657	0.089848	504.6615	1246.5	0.244718	0.373936	526.2579	470.3096	6.343372	100	18.2
1684.02	1016.02	323.5683	19.07799	0.327963	0.352403	478.4619	1269.257	0.257599	0.448356	405.7832	168.5153	2.272883	100	5
1684.172	1016.172	323.5738	19.07819	0.335409	0.716307	469.3676	1254.488	0.264835	0.473817	360.6605	104.7611	1.412991	100	2.5
1684.325	1016.325	323.5793	19.0784	0.340522	0.747429	467.1261	1226.003	0.269819	0.482312	342.0595	92.6378	1.249479	100	2
1684.477	1016.477	323.5848	19.0786	0.332605	0.853849	467.4411	1206.879	0.262174	0.46726	373.3805	116.1312	1.566359	100	3.1
1684.63	1016.63	323.5903	19.07881	0.305709	1.181208	468.7672	1198.009	0.236231	0.415198	481.0288	376.1714	5.073753	100	15.1
1684.782	1016.782	323.5958	19.07901	0.303639	1.300787	469.8041	1211.593	0.234266	0.405932	496.5268	410.5909	5.538018	100	16.8
1684.934	1016.934	323.6013	19.07922	0.283289	1.626573	470.9626	1226.204	0.214753	0.358432	589.004	574.9561	7.754986	100	26.1
1685.087	1017.087	323.6068	19.07942	0.280279	1.701117	472.5247	1220.071	0.211899	0.3505	603.8901	596.4762	8.045278	100	27.5
1685.239	1017.239	323.6123	19.07963	0.275651	1.826904	475.1765	1206.487	0.207499	0.345903	616.3065	613.6492	8.276934	100	28.9
1685.392	1017.392	323.6179	19.07983	0.299375	1.470929	477.812	1182.993	0.230275	0.400313	509.7884	438.1876	5.910319	100	18.4
1685.544	1017.544	323.6233	19.08003	0.303277	1.368533	479.1541	1166.244	0.234056	0.412351	487.9588	391.8657	5.285544	100	16
1685.696	1017.696	323.6288	19.08024	0.326416	1.106598	473.6207	1150.857	0.256406	0.456679	395.9424	147.4709	1.989116	100	4.6
1685.849	1017.849	323.6343	19.08044	0.317943	1.173343	468.7046	1131.866	0.248247	0.445943	422.0189	218.8988	2.95256	100	7.8
1686.001	1018.001	323.6398	19.08065	0.325563	1.12617	462.029	1115.986	0.255637	0.460245	392.0831	140.6968	1.897758	100	4.3
1686.154	1018.154	323.6454	19.08085	0.308261	1.308064	456.2234	1100.457	0.238965	0.429896	456.9722	317.5214	4.282835	100	12.5
1686.306	1018.306	323.6508	19.08106	0.308544	1.318582	451.7501	1083.515	0.239265	0.427306	460.1316	325.617	4.392044	100	12.8
1686.458	1018.458	323.6563	19.08126	0.299722	1.403298	449.3148	1073.848	0.230801	0.410788	494.6061	406.4566	5.482458	100	16.9
1686.611	1018.611	323.6619	19.08147	0.31728	1.165177	448.4451	1067.589	0.247745	0.446972	421.291	216.6523	2.922307	100	7.7
1686.763	1018.763	323.6673	19.08167	0.314648	1.15934	448.5796	1064.867	0.245233	0.445787	426.392	232.2178	3.132272	100	8.4
1686.916	1018.916	323.6729	19.08188	0.30559	1.24353	449.0161	1059.203	0.23653	0.433565	455.2686	313.1039	4.22332	100	12.4
1687.068	1019.068	323.6784	19.08208	0.293376	1.353955	448.084	1050.638	0.224814	0.414774	497.3676	412.3896	5.56256	100	17.6
1687.22	1019.22	323.6838	19.08229	0.279571	1.517805	444.9332	1036.209	0.211607	0.395528	542.1534	499.2777	6.734579	100	22.8
1687.373	1019.373	323.6894	19.08249	0.262686	1.765409	440.6767	1028.293	0.195507	0.36779	602.6499	594.7233	8.022041	100	29.4
1687.525	1019.525	323.6949	19.0827	0.24904	2.027001	437.283	1017.566	0.182551	0.34593	650.6966	658.0398	8.876126	100	34.6
1687.678	1019.678	323.7004	19.0829	0.256166	1.696426	435.3402	1004.77	0.189353	0.359803	622.164	621.5247	8.383613	100	31.6
1687.83	1019.83	323.7059	19.08311	0.283159	1.267163	435.4124	988.1775	0.215153	0.403852	525.7731	469.3959	6.3316	100	21
1687.982	1019.982	323.7114	19.08331	0.320887	0.942669	432.209	988.2081	0.251475	0.461781	395.706	147.0347	1.983332	100	4.6
1688.135	1020.135	323.7169	19.08352	0.29715	1.32803	433.1806	995.5065	0.228633	0.418847	486.4784	388.5554	5.241191	100	16.2
1688.287	1020.287	323.7224	19.08372	0.251347	1.981829	432.2484	972.767	0.184881	0.347072	645.905	652.1063	8.79624	100	33.9
1688.44	1020.44	323.7279	19.08392	0.202629	2.628072	443.3906	902.3822	0.13893	0.246124	848.6258	862.9241	11.64	100	56.8
1688.592	1020.592	323.7334	19.08413	0.181874	2.124806	455.5992	800.7975	0.119584	0.159668	994.6318	997.751	13.45872	100	73.5
1688.744	1020.744	323.7389	19.08433	0.200158	0.9982	469.6096	716.9706	0.136671	0.088336	1069.489	1068.843	14.41773	100	71.3
1688.897	1020.897	323.7444	19.08454	0.22186	0.402731	481.6444	667.167	0.157083	0.06185	1077.873	1076.977	14.5275	100	64.4
1689.049	1021.049	323.7499	19.08474	0.242738	0.070937	501.6246	659.3268	0.176847	0.067314	1043.058	1043.444	14.07522	100	56.6
1689.202	1021.202	323.7554	19.08495	0.256744	0.002283	520.0691	656.3949	0.190179	0.092343	990.1196	993.5397	13.40209	100	50.7
1689.354	1021.354	323.7609	19.08515	0.269076	0.001568	540.4169	675.9581	0.201961	0.109444	950.2605	956.5907	12.90373	100	46.3
1689.506	1021.506	323.7664	19.08536	0.276733	0.001664	561.9659	701.7639	0.209305	0.160774	869.2911	882.0773	11.89863	100	41.3
1689.659	1021.659	323.7719	19.08556	0.281548	0.001881	571.3095	751.3293	0.21394	0.207179	798.8548	815.9781	11.00704	100	37.3
1689.811	1021.811	323.7774	19.08577	0.279608	0.004587	571.5392	806.3049	0.212111	0.240257	755.7333	773.6978	10.43673	100	35.5
1689.964	1021.964	323.7829	19.08597	0.261398	0.060356	562.6419	835.7021	0.194748	0.192775	845.2181	859.7516	11.59759	100	42.7
1690.116	1022.116	323.7884	19.08618	0.253477	0.070584	557.4694	822.2625	0.187236	0.187218	863.2542	876.4955	11.82349	100	45
1690.268	1022.268	323.7939	19.08638	0.258127	0.033005	559.0644	800.0928	0.191688	0.215855	817.5908	833.8265	11.24795	100	41.9
1690.421	1022.421	323.7994	19.08658	0.262938	0.014729	568.9102	799.7728	0.196298	0.223952	800.0553	817.1296	11.02276	100	40.2

1690.573	1022.573	323.8049	19.08679	0.236225	0.01629	578.211	846.8278	0.170952	0.147999	939.8473	946.9944	12.77462	100	52.6
1690.726	1022.726	323.8104	19.08699	0.196736	0.029844	580.1539	881.9326	0.133829	0.098327	1059.626	1059.323	14.28994	100	71.6
1690.878	1022.878	323.8159	19.0872	0.163533	0.002605	563.4095	890.2125	0.103	0.076391	1132.441	1130.952	15.25625	100	93
1691.03	1023.03	323.8214	19.0874	0.161203	0.002575	530.7051	906.8864	0.100877	0.118855	1076.77	1075.904	14.51372	100	89.6
1691.183	1023.183	323.8269	19.08761	0.199972	0.02327	485.0635	952.2469	0.136938	0.207001	905.3649	915.2919	12.34713	100	60.4
1691.335	1023.335	323.8324	19.08781	0.276354	0.201964	461.1645	1052.875	0.209273	0.358441	596.5545	586.0046	7.90513	100	26.8
1691.488	1023.488	323.8379	19.08802	0.31745	0.406616	454.5876	1131.843	0.24879	0.429984	443.2922	280.976	3.790344	100	10.1
1691.64	1023.64	323.8434	19.08822	0.319146	0.644828	460.5375	1167.345	0.250455	0.431596	438.7692	268.334	3.619818	100	9.6
1691.792	1023.792	323.8489	19.08843	0.310996	0.823386	472.7692	1160.695	0.242619	0.415252	472.1372	355.2748	4.792661	100	13.8
1691.945	1023.945	323.8544	19.08863	0.288361	0.867737	492.3425	1124.601	0.220882	0.369266	565.5952	538.7917	7.268331	100	23.7
1692.097	1024.097	323.8599	19.08884	0.273692	0.776251	529.5266	1082.062	0.206866	0.326183	644.3927	650.2178	8.771503	100	30.5
1692.25	1024.25	323.8654	19.08904	0.270994	0.60842	565.562	1048.344	0.204315	0.278902	713.1611	729.5665	9.841961	100	34.8
1692.402	1024.402	323.8709	19.08924	0.277565	0.349694	603.0479	1038.343	0.210624	0.227581	775.2772	793.1027	10.69911	100	36.9
1692.554	1024.554	323.8764	19.08945	0.286391	0.198903	638.9849	1046.457	0.219103	0.163322	852.2543	866.2974	11.68656	100	39.1
1692.707	1024.707	323.8819	19.08965	0.292304	0.043497	653.0774	1077.293	0.224803	0.13429	884.4515	896.0583	12.08808	100	39.6
1692.859	1024.859	323.8874	19.08986	0.297202	0.006928	649.6838	1096.839	0.229535	0.181826	812.3225	828.833	11.18123	100	35.8
1693.012	1025.012	323.8929	19.09006	0.320682	0.006219	628.545	1094.302	0.252186	0.247989	689.7582	703.8932	9.495786	100	27.7
1693.164	1025.164	323.8984	19.09027	0.346556	0.015824	595.6864	1011.175	0.277272	0.260073	638.4633	642.7388	8.670816	100	23.1
1693.316	1025.316	323.9039	19.09047	0.347423	0.024553	559.2045	918.4034	0.278141	0.201071	718.6874	735.4667	9.92179	100	26.6
1693.469	1025.469	323.9094	19.09068	0.327768	0.005959	537.9902	806.4986	0.259118	0.15086	814.2308	830.6439	11.20581	100	32.3
1693.621	1025.621	323.9149	19.09088	0.297283	0.002157	529.7819	758.2849	0.229751	0.136368	874.757	887.1233	11.96779	100	38.5
1693.774	1025.774	323.9204	19.09109	0.274519	0.001634	531.1702	705.7839	0.207958	0.112392	937.9173	945.2175	12.75155	100	44.8
1693.926	1025.926	323.9259	19.09129	0.264408	0.001484	532.624	690.592	0.198332	0.111926	951.8451	958.0525	12.92475	100	47.3
1694.078	1026.078	323.9314	19.0915	0.267318	0.001531	529.3026	676.6547	0.201135	0.104674	957.9843	963.7207	13.00126	100	47
1694.231	1026.231	323.9369	19.0917	0.265875	0.001432	528.9678	685.7247	0.199786	0.117949	941.5254	948.5397	12.7965	100	46.5
1694.383	1026.383	323.9424	19.09191	0.264886	0.001403	528.5673	696.6315	0.19887	0.111016	952.3579	958.5257	12.93126	100	47.2
1694.536	1026.536	323.9479	19.09211	0.256624	0.00131	533.9957	744.697	0.191027	0.114424	958.4772	964.1761	13.00754	100	49.1
1694.688	1026.688	323.9534	19.09232	0.260751	0.001391	541.0681	762.6786	0.194984	0.099791	973.211	977.8152	13.19158	100	49
1694.84	1026.84	323.9589	19.09252	0.264165	0.001435	552.8139	773.8802	0.198265	0.11219	951.5722	957.8008	12.92161	100	47.3
1694.993	1026.993	323.9644	19.09272	0.259739	0.001345	566.1353	799.3334	0.194074	0.108834	961.9861	967.4197	13.05143	100	48.7
1695.145	1027.145	323.9699	19.09293	0.252778	0.001241	572.4626	837.5178	0.187478	0.096852	987.6251	991.2144	13.37248	100	51.4
1695.298	1027.298	323.9755	19.09313	0.245845	0.001126	567.4905	867.7468	0.18092	0.081442	1017.94	1019.622	13.75578	100	54.5
1695.45	1027.45	323.9809	19.09334	0.240598	0.001071	557.1161	867.661	0.175972	0.081209	1025.09	1026.375	13.84693	100	56.1
1695.602	1027.602	323.9864	19.09354	0.236851	0.000995	554.5103	837.1161	0.172451	0.090855	1016.637	1018.395	13.73931	100	56.6
1695.755	1027.755	323.992	19.09375	0.243755	0.001119	563.6898	801.7019	0.179021	0.113311	976.582	980.9434	13.2341	100	52.8
1695.907	1027.907	323.9974	19.09395	0.260438	0.001366	580.5588	787.8028	0.194905	0.150094	903.9025	913.948	12.33029	100	45.7
1696.06	1028.06	324.003	19.09416	0.277661	0.001658	594.4248	812.0864	0.211375	0.164265	861.6169	874.98	11.8046	100	40.8
1696.212	1028.212	324.0085	19.09436	0.288167	0.001897	596.942	856.6611	0.221466	0.155565	859.6985	873.2032	11.78067	100	39.1
1696.364	1028.364	324.0139	19.09457	0.29276	0.001956	588.6025	877.6478	0.2259	0.142479	871.6378	884.2445	11.92967	100	39
1696.517	1028.517	324.0195	19.09477	0.291904	0.001924	576.9648	875.1841	0.225106	0.143006	872.0053	884.5838	11.93429	100	39.1
1696.669	1028.669	324.025	19.09498	0.287308	0.001848	570.5124	852.0586	0.220724	0.141836	879.668	891.6516	12.02968	100	40.1
1696.822	1028.822	324.0305	19.09518	0.284239	0.001792	571.1261	831.2917	0.21781	0.143059	882.0008	893.8011	12.05873	100	40.7
1696.974	1028.974	324.036	19.09538	0.288416	0.001995	577.4634	798.832	0.221841	0.134906	887.6901	899.0397	12.12945	100	40.3
1697.126	1029.126	324.0414	19.09559	0.297834	0.002168	587.0531	773.4752	0.230911	0.13562	874.1876	886.5979	11.96162	100	38.4
1697.279	1029.279	324.047	19.09579	0.30579	0.003361	595.5663	751.0631	0.238593	0.134752	864.7836	877.9106	11.84446	100	36.9
1697.431	1029.431	324.0525	19.096	0.311402	0.003004	595.9108	780.5012	0.244027	0.166678	813.2279	829.6925	11.19396	100	34.1
1697.584	1029.584	324.058	19.0962	0.308626	0.004817	584.1616	840.6788	0.241379	0.194096	779.0444	796.7936	10.75013	100	33
1697.736	1029.736	324.0635	19.09641	0.312212	0.009639	562.0151	895.8067	0.244863	0.276868	660.0108	669.3656	9.030934	100	27
1697.888	1029.888	324.069	19.09661	0.307346	0.07403	543.5671	910.4064	0.240201	0.298351	636.7989	640.6174	8.6431	100	26.2
1698.041	1030.041	324.0745	19.09682	0.302257	0.155156	536.3962	888.5718	0.235329	0.291009	653.6533	661.6642	8.927088	100	27.7
1698.193	1030.193	324.08	19.09702	0.296147	0.144361	542.0049	860.2664	0.229482	0.26662	695.3801	710.1688	9.58154	100	30.5
1698.346	1030.346	324.0855	19.09723	0.299926	0.121593	555.7562	855.6647	0.233142	0.296229	649.468	656.5255	8.857818	100	27.7
1698.498	1030.498	324.091	19.09743	0.299059	0.155938	562.205	872.2371	0.232335	0.320138	617.587	615.3828	8.302751	100	25.9
1698.65	1030.65	324.0965	19.09764	0.291539	0.200014	559.4809	912.8914	0.225139	0.334306	607.9666	602.1887	8.124761	100	26
1698.803	1030.803	324.102	19.09784	0.277788	0.229603	548.319	935.4083	0.21199	0.33543	624.561	624.7076	8.428618	100	28.5
1698.955	1030.955	324.1075	19.09805	0.262444	0.223953	534.9451	940.9814	0.197365	0.327061	656.2918	664.8755	8.970595	100	32.4
1699.108	1031.108	324.113	19.09825	0.2454	0.292182	526.0478	933.8853	0.181184	0.298504	718.0307	734.7685	9.913638	100	38.8
1699.26	1031.26	324.1185	19.09846	0.256011	0.311324	523.4713	929.2392	0.191293	0.313394	683.5319	696.8562	9.402145	100	35.1
1699.412	1031.412	324.124	19.09866	0.274717	0.436356	526.5956	952.9521	0.209162	0.342307	618.9725	617.251	8.328123	100	28.6
1699.565	1031.565	324.1295	19.09887	0.302895	0.446069	531.2526	989.2386	0.236217	0.380284	529.2289	475.8691	6.420579	100	19.4
1699.717	1031.717	324.135	19.09907	0.315246	0.46638	538.2036	1018.832	0.248145	0.392303	496.1818	409.8509	5.529861	100	15.8
1699.87	1031.87	324.1405	19.09927	0.313648	0.450244	555.4598	1018.868	0.246631	0.384264	509.3656	437.3324	5.900673	100	17
1700.022	1032.022	324.146	19.09948	0.29691	0.523326	574.0912	994.4542	0.230544	0.348888	580.3843	561.9885	7.582608	100	23.8
1700.174	1032.174	324.1515	19.09968	0.281461	0.607402	592.1612	967.4766	0.215751	0.306267	659.6153	668.89	9.025005	100	30.5
1700.327	1032.327	324.157	19.09989	0.27249	0.426517	601.8003	958.6046	0.207198	0.230659	775.758	793.5746	10.70735	100	37.7
1700.479	1032.479	324.1625	19.10009	0.291207	0.169275	602.8668	958.6049	0.225149	0.190545	806.3428	823.1421	11.10633	100	36.4
1700.632	1032.632	324.168	19.1003	0.319841	0.022412	600.4512	966.4828	0.252745	0.152725	820.4511	836.5302	11.287	100	33.5
1700.784	1032.784	324.1735	19.1005	0.335827	0.007463	594.6813	958.0848	0.268236	0.130637	829.5554	845.1033	11.40272	100	32.1
1700.936	1032.936	324.179	19.10071	0.327197	0.005618	586.808	941.3698	0.259909	0.136152	833.4365	848.7441	11.45188	100	33.2
1701.089	1033.089	324.1845	19.10091	0.305856	0.00652	579.2728	910.8294	0.239341	0.164091	823.2636	839.1837	11.32292	100	35.2
1701.241	1033.241	324.19	19.10112	0.298321	0.009641	575.6362	863.1662	0.232119	0.202887	779.6928	797.4274	10.75955	100	34.2
1701.394	1033.394	324.1955	19.10132	0.302323	0.018917	572.5643	829.4417	0.235995	0.208094	767.1576	785.0952	10.59319	100	33.2
1701.546	1033.546	324.201	19.10153	0.311433	0.019965	568.2222	824.8073	0.244795	0.190471	779.3318	797.0746	10.75486	100	32.7
1701.698	1033.698	324.2065	19.10173	0.315937	0.02782	558.6716	846.1128	0.249167	0.194778	767.3559	785.2917	10.59591	100	31.7
1701.851	1033.851	324.212	19.10193	0.311627	0.033698	549.1245	872.297	0.245037	0.198591	767.7927	785.7242	10.60178	100	32.2
1702.003	1034.003	324.2175	19.10214	0.307101	0.053558	543.3909	891.7224	0.240703	0.245228	709.4144	725.533	9.789654	100	30
1702.156	1034.156	324.223	19.10234	0.309215	0.100369	546.7712	907.0853	0.242767	0.287488	648.2478	655.0168	8.838207	100	26.7
1702.308	1034.308	324.2285	19.10255	0.309809	0.170694	551.2707	931.4865	0.243367	0.304358	624.1392	624.1492	8.421734	100	25.3
1702.46	1034.46	324.234	19.10275	0.302298	0.174631	555.4712	951.5076	0.236162	0.277059	671.7545	683.2791	9.219614	100	28.7
1702.613	1034.613	324.2395	19.10296	0.303303	0.176523	557.4698	966.6213	0.237156	0.24345	716.764	733.4197	9.896202	100	30.8

1702.765	1034.765	324.245	19.10316	0.313345	0.146773	547.8505	941.9962	0.246858	0.20177	760.8929	778.8652	10.50945	100	31.7
1702.918	1034.918	324.2505	19.10337	0.316351	0.077645	527.3188	867.7398	0.249786	0.150803	827.188	842.8786	11.37323	100	34.2
1703.07	1035.07	324.256	19.10357	0.308371	0.022793	507.0495	770.6436	0.242118	0.126746	870.9677	883.6258	11.92309	100	36.9
1703.222	1035.222	324.2615	19.10378	0.295862	0.003363	503.0388	705.1872	0.230111	0.120159	896.628	907.2613	12.24205	100	39.6
1703.375	1035.375	324.267	19.10398	0.288996	0.001852	510.3116	698.6725	0.223547	0.125471	898.3563	908.8503	12.26354	100	40.7
1703.527	1035.527	324.2725	19.10419	0.28173	0.001714	520.436	745.944	0.216611	0.116312	920.5674	929.2614	12.53899	100	42.8
1703.68	1035.68	324.278	19.10439	0.27061	0.001514	528.1617	791.2641	0.206004	0.09632	962.7933	968.1663	13.064	100	46.7
1703.832	1035.832	324.2835	19.1046	0.263013	0.001397	537.2557	816.0173	0.198782	0.093572	976.5505	980.9142	13.23606	100	48.7
1703.984	1035.984	324.289	19.1048	0.275691	0.001601	550.7869	807.8466	0.210913	0.112424	933.7951	941.4239	12.70324	100	44.4
1704.137	1036.137	324.2945	19.10501	0.301931	0.00208	559.7137	804.4304	0.236109	0.129185	875.8939	888.172	11.98471	100	37.9
1704.289	1036.289	324.3	19.10521	0.312704	0.0023	559.7134	832.3774	0.246513	0.118853	875.7945	888.0803	11.98352	100	36.5
1704.442	1036.442	324.3056	19.10541	0.280067	0.001641	541.4135	877.8151	0.215182	0.090595	958.0281	963.7611	13.00478	100	44.8
1704.594	1036.594	324.311	19.10562	0.228639	0.000918	519.5065	886.601	0.166302	0.076732	1044.613	1044.929	14.10009	100	60.4
1704.746	1036.746	324.3165	19.10582	0.196208	0.000585	497.8195	836.6347	0.135856	0.071234	1094.215	1092.948	14.7481	100	74.2
1704.899	1036.899	324.3221	19.10603	0.18973	0.000537	488.7154	758.7512	0.129835	0.068974	1105.644	1104.213	14.90016	100	77.7
1705.051	1037.051	324.3275	19.10623	0.185318	0.00048	475.7385	715.8047	0.125751	0.064995	1116.771	1115.259	15.04926	100	80.5
1705.204	1037.204	324.3331	19.10644	0.177604	0.000432	469.1222	722.965	0.118606	0.057454	1137.038	1135.587	15.32362	100	85.7
1705.356	1037.356	324.3386	19.10664	0.172084	0.000395	457.9635	752.4734	0.113512	0.049158	1155.515	1154.364	15.57705	100	90.1
1705.508	1037.508	324.344	19.10685	0.174893	0.000429	448.5442	773.0447	0.116144	0.047685	1153.916	1152.73	15.55505	100	88.5
1705.661	1037.661	324.3496	19.10705	0.174987	0.000413	445.1736	763.5587	0.116258	0.053993	1145.053	1143.703	15.43329	100	87.7
1705.813	1037.813	324.355	19.10726	0.175354	0.000413	449.6599	740.7498	0.116626	0.056636	1140.898	1139.49	15.37648	100	87.2
1705.966	1037.966	324.3606	19.10746	0.182847	0.000483	465.8593	716.9776	0.123615	0.087267	1088.983	1087.818	14.67926	100	79.5
1706.118	1038.118	324.3661	19.10767	0.208038	0.000852	486.3646	724.1656	0.147182	0.136314	988.7758	992.2867	13.39019	100	63.1
1706.27	1038.27	324.3715	19.10787	0.250113	0.002684	502.2981	780.5355	0.186942	0.158491	903.3015	913.3957	12.32565	100	47.7
1706.423	1038.423	324.3771	19.10807	0.274031	0.005444	512.6656	858.007	0.209763	0.121639	922.6651	931.1894	12.56581	100	44.2
1706.575	1038.575	324.3826	19.10828	0.284138	0.002671	519.9907	906.3267	0.219463	0.091878	950.3492	956.6725	12.90973	100	43.8
1706.728	1038.728	324.3881	19.10848	0.285159	0.002094	530.588	906.3481	0.220468	0.093101	947.274	953.8367	12.87151	100	43.5
1706.88	1038.88	324.3936	19.10869	0.297298	0.002096	541.4936	898.9856	0.232146	0.097129	925.6011	933.8882	12.60236	100	40.7
1707.032	1039.032	324.3991	19.10889	0.30867	0.002244	549.288	920.3051	0.243116	0.090763	919.2475	928.0484	12.52359	100	38.8
1707.185	1039.185	324.4046	19.1091	0.301034	0.002242	549.964	960.8381	0.235793	0.09099	929.0396	937.0498	12.6451	100	40.3
1707.337	1039.337	324.4101	19.1093	0.273707	0.001699	548.9103	1002.284	0.209618	0.083019	976.1611	980.5527	13.2322	100	46.7
1707.49	1039.49	324.4156	19.10951	0.247688	0.001185	552.8518	999.6993	0.184858	0.07747	1017.987	1019.667	13.76008	100	54.1
1707.642	1039.642	324.4211	19.10971	0.234072	0.000891	559.2678	974.9134	0.171982	0.068283	1048.434	1048.582	14.15032	100	59.1
1707.794	1039.794	324.4266	19.10992	0.228987	0.000578	561.3713	942.2744	0.167204	0.070204	1052.377	1052.358	14.20133	100	60.7
1707.947	1039.947	324.4321	19.11012	0.228606	0.000684	555.5066	903.4371	0.166871	0.069934	1053.21	1053.157	14.21216	100	60.9
1708.099	1040.099	324.4376	19.11033	0.230159	0.000691	546.9799	865.6549	0.168366	0.070861	1049.867	1049.954	14.16898	100	60.2
1708.252	1040.252	324.4431	19.11053	0.235396	0.000826	540.5801	836.9184	0.173344	0.059933	1058.078	1057.833	14.27536	100	59.3
1708.404	1040.404	324.4486	19.11073	0.23363	0.000794	534.6758	830.6331	0.1717	0.061116	1058.714	1058.445	14.28367	100	59.8
1708.556	1040.556	324.4541	19.11094	0.228164	0.000815	523.3924	844.4976	0.166563	0.054547	1074.869	1074.057	14.4944	100	62.3
1708.709	1040.709	324.4596	19.11115	0.214362	0.000725	502.0566	852.0198	0.153585	0.055871	1090.951	1089.745	14.70616	100	67.5
1708.861	1040.861	324.4651	19.11135	0.206008	0.000668	480.3039	835.4742	0.145768	0.051602	1107.629	1106.178	14.92797	100	71.5
1709.014	1041.014	324.4706	19.11156	0.20876	0.000695	470.9339	790.9293	0.148377	0.062089	1089.558	1088.38	14.68784	100	69.3
1709.166	1041.166	324.4761	19.11176	0.229625	0.000894	480.3199	737.7535	0.168052	0.070446	1050.874	1050.918	14.18232	100	60.5
1709.318	1041.318	324.4816	19.11196	0.253155	0.001208	512.1019	718.4087	0.190379	0.07248	1017.254	1018.976	13.75131	100	52.8
1709.471	1041.471	324.4871	19.11217	0.269831	0.001635	557.2151	750.7685	0.206296	0.068425	1000.884	1003.598	13.54383	100	48.6
1709.623	1041.623	324.4926	19.11237	0.265018	0.001562	591.9113	817.3434	0.20173	0.063144	1014.475	1016.357	13.71606	100	50.2
1709.776	1041.776	324.4981	19.11258	0.243159	0.001138	608.1632	877.639	0.18097	0.059686	1047.895	1048.066	14.14403	100	56.8
1709.928	1041.928	324.5036	19.11278	0.211173	0.000647	617.9071	904.3549	0.150806	0.058402	1091.293	1090.081	14.71109	100	68.6
1710.08	1042.08	324.5091	19.11299	0.187972	0.0004	620.1485	896.8566	0.129122	0.069737	1105.574	1104.144	14.90091	100	78.5
1710.233	1042.233	324.5146	19.11319	0.181144	0.000359	618.7438	867.6669	0.122794	0.07514	1106.851	1105.408	14.91803	100	81.7
1710.385	1042.385	324.5201	19.1134	0.177752	0.000375	598.4711	837.7625	0.119669	0.072585	1114.69	1113.187	15.02306	100	83.9
1710.538	1042.538	324.5256	19.1136	0.168733	0.000547	574.5394	820.9126	0.111336	0.06345	1138.795	1137.362	15.34937	100	90.6
1710.69	1042.69	324.5311	19.11381	0.156796	0.001167	538.5366	807.989	0.100345	0.057846	1161.697	1160.702	15.6644	100	99.9
1710.842	1042.842	324.5366	19.11401	0.148485	0.00041	508.8219	797.1273	0.092732	0.076204	1146.869	1145.547	15.45994	100	100
1710.995	1042.995	324.5421	19.11422	0.147408	0.007053	480.5908	778.5961	0.091771	0.118097	1090.382	1089.188	14.69937	100	99.7
1711.147	1043.147	324.5476	19.11442	0.153492	0.162903	458.3097	758.0493	0.097386	0.207526	959.2214	964.8639	13.02158	100	84.3
1711.3	1043.3	324.5531	19.11462	0.149815	0.928167	445.5068	739.653	0.094035	0.238631	920.9219	929.5872	12.54554	100	83.3
1711.452	1043.452	324.5586	19.11483	0.127696	1.840771	452.5299	705.882	0.07446	0.162805	1052.574	1052.547	14.20503	100	100
1711.604	1043.604	324.5641	19.11503	0.166676	0.713746	461.9488	700.4737	0.109624	0.082862	1114.369	1112.868	15.01916	100	89.8
1711.757	1043.757	324.5696	19.11524	0.218099	0.183437	480.7508	695.6251	0.157645	0.052313	1090.258	1089.067	14.69799	100	66.3
1711.909	1043.909	324.5751	19.11544	0.231458	0.029184	489.1031	720.5579	0.170274	0.04867	1077.857	1076.961	14.53467	100	61.5
1712.062	1044.062	324.5806	19.11565	0.213003	0.006219	490.1402	750.2023	0.152907	0.048895	1101.514	1100.133	14.84743	100	68.6
1712.214	1044.214	324.5861	19.11585	0.180338	0.000791	479.3195	772.7457	0.122398	0.049623	1142.611	1141.225	15.40208	100	84.8
1712.366	1044.366	324.5916	19.11606	0.152586	0.000393	468.6923	781.1202	0.09677	0.073634	1144.842	1143.489	15.43267	100	100
1712.519	1044.519	324.5971	19.11626	0.144724	0.000912	462.89	757.2762	0.089584	0.124817	1084.128	1083.071	14.61732	100	100
1712.671	1044.671	324.6026	19.11647	0.16943	0.040858	472.7979	730.3704	0.112362	0.157809	1007.165	1009.486	13.62424	100	79.7
1712.824	1044.824	324.6081	19.11667	0.205449	0.144555	496.1158	722.9053	0.145951	0.109531	1027.434	1028.594	13.88218	100	66.5
1712.976	1044.976	324.6136	19.11688	0.240058	0.121643	529.8536	762.9634	0.178602	0.056707	1055.273	1055.137	14.24046	100	58
1713.128	1045.128	324.6191	19.11708	0.250653	0.010313	549.0526	829.8784	0.188681	0.0529	1046.619	1046.846	14.1286	100	54.9
1713.281	1045.281	324.6246	19.11728	0.241073	0.001365	544.8486	863.214	0.179618	0.061002	1047.945	1048.113	14.14576	100	57.3
1713.433	1045.433	324.6301	19.11749	0.227821	0.000929	530.3586	847.9228	0.167109	0.06085	1065.416	1064.905	14.37244	100	61.8
1713.586	1045.586	324.6357	19.11769	0.225435	0.000848	524.9697	799.3312	0.164885	0.065659	1061.849	1061.463	14.32604	100	62.3
1713.738	1045.738	324.6411	19.1179	0.245427	0.001178	548.9766	779.3799	0.183828	0.073893	1024.345	1025.67	13.843	100	55
1713.89	1045.89	324.6466	19.1181	0.272529	0.001395	592.0877	812.7264	0.209661	0.091833	963.9384	969.2255	13.08124	100	46.4
1714.043	1046.043	324.6522	19.11831	0.290874	0.001646	632.4354	889.1237	0.227256	0.089569	942.7814	949.6967	12.8177	100	42.4
1714.195	1046.195	324.6576	19.11851	0.293389	0.001357	667.939	941.603	0.229697	0.087891	941.7287	948.727	12.80466	100	41.9
1714.348	1046.348	324.6632	19.11872	0.290526	0.00154	679.6653	967.0651	0.226976	0.079353	957.2659	963.0571	12.99811	100	43.1
1714.5	1046.5	324.6687	19.0441	0.286909	0.001587	672.2873	944.1953	0.223534	0.088732	949.0717	955.4942	12.94572	100	43.4
1714.652	1046.652	324.6741	18.96306	0.282526	0.002108	650.7118	960.8954	0.219361	0.085862	958.7928	964.4677	13.12222	100	44.8
1714.805	1046.805	324.6797	18.87869	0.275801	0.004729	625.1357	965.9072	0.212952	0.076933	979.959	984.0805	13.44794	100	47.1

1714.957	1046.957	324.6851	18.88082	0.262944	0.012057	593.209	975.0161	0.200705	0.072132	1003.485	1006.035	13.74662	100	50.7
1715.11	1047.11	324.6907	18.82559	0.233473	0.087588	553.7669	973.9727	0.172749	0.064889	1052.059	1052.053	14.417	100	60.5
1715.262	1047.262	324.6962	18.82958	0.191077	0.196576	510.5208	963.1375	0.132943	0.06349	1108.923	1107.46	15.17334	100	78.7
1715.414	1047.414	324.7016	18.84207	0.146469	0.670304	468.7878	935.8562	0.091699	0.107169	1105.563	1104.133	15.11813	100	100
1715.567	1047.567	324.7072	18.80127	0.139553	1.430968	427.3239	882.7475	0.085396	0.202416	982.8189	986.7397	13.5397	100	96.9
1715.719	1047.719	324.7127	18.8031	0.162657	1.74382	408.7021	827.8621	0.106644	0.260873	872.8263	885.3416	12.14736	100	74.1
1715.872	1047.872	324.7182	18.79706	0.151389	2.279934	408.9712	779.7462	0.096295	0.230524	928.9907	937.0048	12.86044	100	84.6
1716.024	1048.024	324.7237	18.75648	0.146987	2.235594	436.434	745.4966	0.092282	0.214855	956.1509	962.0272	13.2321	100	89.8
1716.176	1048.176	324.7292	18.80049	0.147515	1.746146	462.0197	740.0009	0.092793	0.18415	997.8189	1000.73	13.73299	100	92.9
1716.329	1048.329	324.7347	18.84425	0.16196	1.17382	481.9835	775.3558	0.10611	0.173711	993.847	997.018	13.65107	100	83.8
1716.481	1048.481	324.7402	18.88671	0.188893	0.618354	487.0275	860.0729	0.131123	0.212914	905.2294	915.1673	12.50291	100	65.2
1716.634	1048.634	324.7457	18.97767	0.233182	0.463205	475.987	975.0406	0.172745	0.300592	726.7951	744.0222	10.1171	100	41.9
1716.786	1048.786	324.7512	18.95412	0.297034	0.458554	463.7978	1051.78	0.23366	0.419181	479.08	371.6659	5.060085	100	15.2
1716.938	1048.938	324.7567	18.92801	0.314693	0.616129	449.2849	1094.185	0.250691	0.44282	422.9558	221.7777	3.023542	100	7.9
1717.091	1049.091	324.7622	18.97826	0.323933	0.847921	442.4125	1104.674	0.25964	0.455995	392.4231	141.265	1.920921	100	4.3
1717.243	1049.243	324.7677	19.00249	0.317045	1.071949	437.6994	1131.57	0.253014	0.441055	422.1846	219.4091	2.979837	100	7.9
1717.396	1049.396	324.7732	19.02679	0.313292	1.126581	433.6199	1164.994	0.249421	0.43212	439.4745	270.3245	3.666782	100	10.2
1717.548	1049.548	324.7787	19.05117	0.325168	1.01094	429.6256	1194.006	0.260915	0.451796	396.4588	148.4339	2.010915	100	4.6
1717.7	1049.7	324.7842	19.07561	0.314374	1.093065	429.0576	1200.833	0.250518	0.428773	442.579	279.0017	3.775094	100	10.5
1717.853	1049.853	324.7897	19.10014	0.327324	0.999513	435.372	1189.217	0.263055	0.449203	397.0844	149.6194	2.021939	100	4.6
1718.005	1050.005	324.7952	19.12473	0.338218	0.913438	448.5978	1184.068	0.27363	0.464196	361.7996	105.6554	1.426035	100	2.6
1718.158	1050.158	324.8007	19.1494	0.344724	0.913082	463.4156	1188.014	0.279968	0.469006	346.4166	95.12188	1.282262	100	2.1
1718.31	1050.31	324.8062	19.17415	0.344051	1.001729	474.2194	1196.747	0.279343	0.463562	354.7922	100.4692	1.35265	100	2.4
1718.462	1050.462	324.8117	19.19897	0.334131	1.12646	478.8499	1192.109	0.269751	0.444375	394.5063	144.8647	1.94792	100	4.3
1718.615	1050.615	324.8172	19.22387	0.32907	1.163755	478.4527	1172.505	0.264879	0.437226	411.0952	182.6718	2.45321	100	6
1718.767	1050.767	324.8227	19.24883	0.315746	1.26913	477.1004	1186.082	0.252032	0.414037	460.8253	327.3779	4.391036	100	12.5
1718.92	1050.92	324.8282	19.27388	0.315073	1.224722	475.4561	1215.466	0.251409	0.414264	461.3703	328.7571	4.403985	100	12.5
1719.072	1051.072	324.8337	19.299	0.312712	1.219495	472.548	1252.062	0.249159	0.409901	470.4982	351.3259	4.700382	100	13.6
1719.224	1051.224	324.8392	19.32419	0.322756	1.092714	468.0811	1274.237	0.258882	0.432699	425.6182	229.883	3.071718	100	8
1719.377	1051.377	324.8447	19.28328	0.314024	1.153913	463.8211	1285.432	0.250479	0.418584	456.6931	316.8001	4.24196	100	12
1719.529	1051.529	324.8502	19.24207	0.311241	1.161844	467.3521	1277.362	0.247822	0.414778	465.6123	339.369	4.553748	100	13.2
1719.682	1051.682	324.8557	19.20261	0.298854	1.295679	486.1509	1221.993	0.235925	0.385723	522.126	462.4618	6.218014	100	19.4
1719.834	1051.834	324.8612	19.21877	0.260655	1.538647	528.4841	1117.84	0.199391	0.287891	707.5503	723.5159	9.720132	100	36.1
1719.986	1051.986	324.8667	19.21023	0.252331	0.854075	576.9479	1011.308	0.191497	0.180473	866.6826	879.6667	11.82326	100	45.6
1720.139	1052.139	324.8722	19.2495	0.278914	0.238061	618.1982	934.5871	0.216879	0.124271	909.2129	918.8278	12.32511	100	42.6
1720.291	1052.291	324.8777	19.20764	0.292488	0.086617	635.2903	890.0041	0.229917	0.134219	877.4927	889.6464	11.9593	100	39.2
1720.444	1052.444	324.8832	19.21498	0.261588	0.045374	636.6028	848.1107	0.200388	0.144307	904.3212	914.3328	12.28673	100	45.4
1720.596	1052.596	324.8887	19.12247	0.220931	0.017863	627.8038	792.9675	0.161886	0.12519	983.8346	987.6847	13.3355	100	59
1720.748	1052.748	324.8942	19.02066	0.222744	0.009701	616.3497	731.2822	0.163622	0.098899	1017.721	1019.416	13.83633	100	60.8
1720.901	1052.901	324.8997	19.00739	0.255218	0.005814	594.702	678.1903	0.194404	0.094143	981.8051	985.7968	13.38937	100	50.9
1721.053	1053.053	324.9052	18.91623	0.257971	0.026928	556.7071	644.5588	0.197051	0.11666	947.0794	953.6573	13.01424	100	48.9
1721.206	1053.206	324.9107	18.94776	0.227925	0.039665	504.4916	634.4374	0.168591	0.184118	893.2621	904.1662	12.31888	100	52.6
1721.358	1053.358	324.9162	18.8816	0.215351	0.014968	451.1438	642.6961	0.156768	0.270677	790.1255	807.5686	11.04076	100	49.7
1721.51	1053.51	324.9217	18.78293	0.223132	0.084014	418.843	682.7532	0.164123	0.320844	710.7457	726.9694	9.990224	100	43.1
1721.663	1053.663	324.9272	18.7283	0.221019	0.404741	411.2519	738.9431	0.162158	0.320673	713.6934	730.1373	10.06264	100	44
1721.815	1053.815	324.9327	18.62686	0.24804	0.712825	424.9175	842.4162	0.187745	0.364301	618.1773	616.1798	8.537653	100	32.9
1721.968	1053.968	324.9382	18.49137	0.279605	0.81583	446.5714	959.4	0.217865	0.405564	519.6688	457.7292	6.387974	100	21.3
1722.12	1054.12	324.9437	18.46865	0.327955	0.763241	462.5246	1065.931	0.264423	0.474646	360.0848	104.3171	1.457611	100	2.7
1722.272	1054.272	324.9492	18.43631	0.329648	0.964294	472.0616	1140.048	0.266088	0.471425	362.2326	106.001	1.483716	100	2.9
1722.425	1054.425	324.9547	18.32859	0.30953	1.312415	474.9331	1174.156	0.246687	0.433933	440.7436	273.888	3.855893	100	11
1722.577	1054.577	324.9602	18.26707	0.306156	1.444684	475.1397	1190.156	0.243464	0.434441	444.4908	284.2785	4.015504	100	11.7
1722.73	1054.73	324.9658	18.19566	0.321892	1.353368	474.4471	1198.616	0.25867	0.462657	384.5698	129.3866	1.834709	100	4.3
1722.882	1054.882	324.9712	18.13306	0.328924	1.379439	474.5814	1214.645	0.265496	0.473689	359.9253	104.195	1.48254	100	3.1
1723.034	1055.034	324.9767	18.06591	0.319215	1.550311	475.5558	1218.375	0.256138	0.454011	399.9955	155.4223	2.219563	100	5.6
1723.187	1055.187	324.9823	17.99253	0.307627	1.671249	475.0405	1215.42	0.244989	0.4348	441.891	277.0905	3.973064	100	11.6
1723.339	1055.339	324.9877	17.93082	0.306433	1.609251	472.7331	1199.916	0.243866	0.430982	448.7102	295.7472	4.255034	100	12.6
1723.492	1055.492	324.9933	17.86318	0.312889	1.512616	468.5878	1187.683	0.250114	0.439283	428.6312	238.9221	3.450367	100	9.7
1723.644	1055.644	324.9987	17.79689	0.305667	1.634076	465.6142	1173.84	0.243182	0.426758	455.4825	313.6606	4.54642	100	13.6
1723.796	1055.796	325.0042	17.73584	0.293092	1.823294	463.6612	1158.914	0.231118	0.409361	496.1379	409.7567	5.959588	100	19.1
1723.949	1055.949	325.0098	17.67566	0.288703	1.824329	463.6808	1156.674	0.226934	0.403509	509.9891	438.5928	6.400541	100	21
1724.101	1056.101	325.0152	17.56563	0.281799	1.900129	465.1902	1168.023	0.220344	0.390223	537.4186	490.8449	7.207541	100	24.4
1724.254	1056.254	325.0208	17.51266	0.262747	2.282135	468.3013	1178.382	0.202168	0.352801	614.1428	610.7044	8.994512	100	33.2
1724.406	1056.406	325.0263	17.44197	0.279558	1.982895	472.0851	1184.161	0.218253	0.388621	542.5143	499.9138	7.392413	100	25.3
1724.558	1056.558	325.0317	17.4436	0.323666	1.352624	474.9762	1180.827	0.260708	0.465993	377.1523	120.1954	1.777236	100	4
1724.711	1056.711	325.0373	17.50874	0.320652	1.436389	475.8294	1170.395	0.257823	0.457562	392.7686	141.8476	2.089699	100	5.1
1724.863	1056.863	325.0428	17.57453	0.308283	1.532342	472.5701	1157.965	0.245918	0.432963	443.1434	280.5648	4.118032	100	12
1725.016	1057.016	325.0483	17.56764	0.279065	2.096612	468.3101	1162.738	0.217889	0.377514	558.3444	526.9479	7.73747	100	26.6
1725.168	1057.168	325.0538	17.62097	0.297116	1.672921	465.0312	1182.331	0.235227	0.413691	484.4932	384.0802	5.622864	100	17.6
1725.32	1057.32	325.0593	17.71723	0.31862	1.438248	464.9916	1194.759	0.255969	0.452572	402.214	160.1819	2.332472	100	5.9
1725.473	1057.473	325.0648	17.7625	0.327697	1.326917	465.7233	1185.039	0.264768	0.467728	369.1563	111.9903	1.626652	100	3.5
1725.625	1057.625	325.0703	17.70801	0.322515	1.482847	465.385	1170.584	0.259785	0.457404	390.2792	137.7692	2.007203	100	4.8
1725.778	1057.778	325.0758	17.78503	0.315665	1.607255	463.1466	1176.663	0.253198	0.442591	419.8115	211.4742	3.067893	100	8.4
1725.93	1057.93	325.0813	17.90287	0.327837	1.466286	460.1795	1182.186	0.264984	0.465323	372.1761	114.9087	1.656188	100	3.6
1726.082	1058.082	325.0868	17.89525	0.321124	1.517915	458.2231	1186.145	0.258522	0.45191	399.6041	154.6138	2.229429	100	5.6
1726.235	1058.235	325.0923	17.88498	0.337478	1.309305	457.4091	1182.237	0.274374	0.479251	339.9987	91.52366	1.320478	100	2.4
1726.387	1058.387	325.0978	17.91946	0.327756	1.350806	454.803	1165.773	0.264987	0.456545	384.2871	129.0033	1.857715	100	4.2
1726.54	1058.54	325.1033	17.77961	0.328483	1.298224	448.9381	1129.302	0.265717	0.45229	389.1503	136.0089	1.973841	100	4.5
1726.692	1058.692	325.1088	17.7809	0.30325	1.518388	439.5811	1075.434	0.241396	0.406175	486.3528	388.2735	5.634528	100	17.2
1726.844	1058.844	325.1143	17.86535	0.285979	1.764749	428.2812	1018.236	0.224834	0.383226	540.8773	497.0207	7.179068	100	23.9
1726.997	1058.997	325.1198	17.8755	0.232247	2.81711	412.1341	966.7846	0.173701	0.318812	700.3323	715.6381	10.33117	100	43.7

1727.149	1059.149	325.1253	17.89712	0.14965	2.116389	389.7379	905.8118	0.0967	0.241385	913.4424	922.7141	13.30489	100	88.7
1727.302	1059.302	325.1308	17.97029	0.102467	2.107705	367.9459	803.8427	0.05568	0.228465	987.8792	991.4511	14.23877	100	100
1727.454	1059.454	325.1363	18.04675	0.134867	2.087479	368.415	687.2766	0.083443	0.274667	885.8074	897.3067	12.83302	100	95
1727.606	1059.606	325.1418	18.05645	0.252055	1.294741	391.5095	666.4903	0.192585	0.409741	548.7901	510.8322	7.302009	100	27.6
1727.759	1059.759	325.1473	18.07872	0.3111	0.777053	417.7777	687.2906	0.249145	0.454654	408.7577	176.164	2.515125	100	6.4
1727.911	1059.911	325.1528	18.09484	0.323555	0.801489	435.9627	743.3432	0.261195	0.450226	398.2401	151.8658	2.16634	100	5
1728.064	1060.064	325.1583	18.02712	0.315543	0.916768	443.8851	803.5076	0.253484	0.432127	433.8568	254.2721	3.640641	100	9.9
1728.216	1060.216	325.1638	18.09674	0.300487	1.194277	449.6609	901.6633	0.239007	0.408701	486.1628	387.8467	5.532152	100	16.9
1728.368	1060.368	325.1693	18.04871	0.31045	1.119423	456.7267	1001.569	0.248626	0.428602	445.4255	286.8399	4.102214	100	11.7
1728.521	1060.521	325.1748	18.13041	0.305726	1.182697	459.3652	1057.381	0.244103	0.418163	466.0733	340.5093	4.848187	100	14.4
1728.673	1060.673	325.1803	18.11911	0.296859	1.249797	458.377	1067.198	0.2356	0.398566	504.8508	428.102	6.099171	100	19.1
1728.826	1060.826	325.1858	18.05972	0.271907	1.577013	452.7484	1043.088	0.211719	0.361144	589.4492	575.6154	8.227509	100	29
1728.978	1060.978	325.1913	18.13469	0.278938	1.498188	448.0387	1016.909	0.218468	0.395866	532.2187	481.3947	6.852817	100	23.3
1729.13	1061.13	325.1968	18.20453	0.283564	1.427962	445.4259	996.079	0.222924	0.418456	494.8946	407.08	5.773086	100	19
1729.283	1061.283	325.2023	18.27391	0.287359	1.361019	445.3864	972.7988	0.226589	0.42227	484.5753	384.2661	5.429235	100	17.5
1729.435	1061.435	325.2078	18.25971	0.304721	1.200462	441.2311	947.2368	0.243296	0.441392	435.1307	257.9524	3.647413	100	10.5
1729.588	1061.588	325.2133	18.26085	0.271221	1.71406	431.382	929.7584	0.211198	0.384762	557.5758	525.6732	7.432598	100	26.2
1729.74	1061.74	325.2188	18.25711	0.224818	2.584391	415.0378	916.2402	0.16717	0.326357	698.9327	714.0979	10.09895	100	44.1
1729.892	1061.892	325.2243	18.19471	0.185035	3.518455	405.6086	886.7791	0.129907	0.287673	803.7404	820.6572	11.64533	100	62.5
1730.045	1062.045	325.2298	18.14195	0.211216	2.123566	407.9418	828.2414	0.15442	0.338755	699.4182	714.6326	10.17003	100	47.2
1730.197	1062.197	325.2353	18.09462	0.252466	1.414441	421.1578	826.994	0.193433	0.388247	577.2813	557.2236	7.950493	100	30.2
1730.35	1062.35	325.2408	18.09687	0.262617	1.544076	432.29	864.4522	0.203123	0.379112	576.5153	556.0392	7.932734	100	29
1730.502	1062.502	325.2463	18.05237	0.274718	1.452889	437.7213	931.7476	0.214702	0.385698	551.4484	515.3762	7.370599	100	25.5
1730.654	1062.654	325.2518	17.99655	0.28063	1.391864	438.4593	982.561	0.220384	0.387164	541.5838	498.2716	7.147889	100	24.1
1730.807	1062.807	325.2573	17.97488	0.307768	1.07937	437.1694	1011.604	0.246474	0.428959	447.9027	293.5711	4.216457	100	12.2
1730.959	1062.959	325.2628	18.07182	0.301484	1.165698	436.0532	1034.839	0.240451	0.407387	485.9833	387.4431	5.535329	100	16.9
1731.112	1063.112	325.2683	18.04272	0.308097	1.082517	434.8848	1040.324	0.246844	0.428133	448.5319	295.2675	4.225206	100	12.2
1731.264	1063.264	325.2738	18.04435	0.283526	1.355703	433.6472	1043.218	0.223265	0.398392	522.1143	462.4393	6.616898	100	22
1731.416	1063.416	325.2793	18.16695	0.290054	1.27544	434.323	1047.898	0.229551	0.419774	483.9321	382.8079	5.441095	100	17.3
1731.569	1063.569	325.2848	18.25893	0.294799	1.222035	437.1387	1058.023	0.234133	0.422693	473.5809	358.7279	5.073583	100	15.8
1731.721	1063.721	325.2903	18.34307	0.303577	1.156991	440.8634	1073.933	0.242599	0.431628	449.5673	298.0477	4.196377	100	12.3
1731.874	1063.874	325.2959	18.48218	0.295997	1.254242	441.6574	1067.173	0.235337	0.415023	482.5031	379.5526	5.304402	100	16.5
1732.026	1064.026	325.3013	18.61804	0.288143	1.312984	439.5337	1039.636	0.227825	0.401306	511.7996	442.2335	6.136108	100	19.9
1732.178	1064.178	325.3068	18.61972	0.267395	1.492654	434.7746	1002.799	0.208003	0.366032	587.832	573.2155	7.952925	100	28.5
1732.331	1064.331	325.3123	18.67591	0.268452	1.426669	434.6171	972.646	0.209039	0.3787	568.9205	544.1169	7.526977	100	26.7
1732.483	1064.483	325.3178	18.71699	0.263131	1.48447	435.1714	958.2394	0.20399	0.376368	579.106	560.0319	7.730531	100	28.1
1732.636	1064.636	325.3234	18.71863	0.271097	1.380219	435.4895	948.0333	0.211618	0.393328	545.1749	504.5759	6.964529	100	24.4
1732.788	1064.788	325.3288	18.72027	0.275777	1.305505	430.143	907.3426	0.216117	0.400019	529.7323	476.8043	6.58073	100	22.5
1732.94	1064.94	325.3343	18.79765	0.269087	1.356792	422.3942	864.5937	0.209752	0.392802	548.4749	510.2903	7.014505	100	24.7
1733.093	1065.093	325.3399	18.86264	0.249926	1.563898	417.3628	817.6954	0.191531	0.361555	616.7413	614.2387	8.414934	100	32.5
1733.245	1065.245	325.3453	18.91393	0.249225	1.584628	424.4711	777.1684	0.190892	0.360508	619.0676	617.3789	8.435552	100	32.7
1733.398	1065.398	325.3509	19.05625	0.289879	1.058715	436.4367	712.3049	0.229733	0.417508	486.8074	389.293	5.280191	100	16.7
1733.55	1065.55	325.3564	19.00323	0.322559	0.697129	447.7624	631.3477	0.261228	0.449812	398.7645	152.9097	2.079702	100	4.7
1733.702	1065.702	325.3618	19.12328	0.311558	0.599314	440.4631	551.6577	0.250636	0.408986	469.721	349.4426	4.723515	100	13.4
1733.855	1065.855	325.3674	19.08889	0.256035	0.672253	432.7865	498.8841	0.197473	0.276838	725.451	742.6118	10.05597	100	37.8
1734.007	1066.007	325.3729	19.09448	0.214908	0.701436	437.5089	482.4657	0.158589	0.143248	963.4643	968.7869	13.1151	100	59.9
1734.16	1066.16	325.3784	19.16516	0.184766	0.71955	453.0453	497.8147	0.130409	0.065787	1109.249	1107.783	14.94276	100	80.3
1734.312	1066.312	325.3839	19.09886	0.156189	1.121987	467.7119	541.9377	0.103976	0.037949	1184.144	1183.948	16.02471	100	100
1734.464	1066.464	325.3894	19.10053	0.138934	1.419242	469.3821	580.4882	0.088179	0.03664	1207.75	1208.81	16.36005	100	100
1734.617	1066.617	325.3949	19.10221	0.150384	1.195282	454.3868	606.5358	0.098693	0.041349	1186.742	1186.663	16.05915	100	100
1734.769	1066.769	325.4004	19.23717	0.169775	0.925436	433.6875	626.8978	0.116599	0.050089	1149.971	1148.705	15.43876	100	90.7
1734.922	1066.922	325.4059	19.23169	0.171616	0.925759	416.9987	655.5577	0.11833	0.052109	1144.794	1143.44	15.37249	100	89.3
1735.074	1067.074	325.4114	19.2909	0.150998	1.244	397.6876	680.8421	0.099337	0.049947	1173.989	1173.385	15.72785	100	100
1735.226	1067.226	325.4169	19.35667	0.128896	1.762953	382.4593	687.7772	0.079704	0.045867	1206.713	1207.709	16.13428	100	100
1735.379	1067.379	325.4224	19.41315	0.122856	1.984271	372.3836	675.9152	0.074561	0.042113	1218.991	1220.805	16.263	100	100
1735.531	1067.531	325.4279	19.46444	0.122265	2.170403	364.6051	663.9531	0.074081	0.056829	1199.345	1199.908	15.94361	100	100
1735.684	1067.684	325.4334	19.52354	0.123264	2.284364	370.3417	659.4489	0.074963	0.115124	1117.68	1116.165	14.78716	100	100
1735.836	1067.836	325.4389	19.60723	0.16131	1.35197	391.7068	668.7336	0.108964	0.230899	910.9888	920.4596	12.14368	100	74.7
1735.988	1067.988	325.4444	19.69223	0.24401	0.711563	418.3162	709.8824	0.186426	0.361655	623.6488	623.499	8.19126	100	32.1
1736.141	1068.141	325.4499	19.74837	0.287464	0.699271	443.7345	797.213	0.227899	0.414315	493.7445	404.5903	5.30064	100	16.8
1736.293	1068.293	325.4554	19.77291	0.302747	0.833019	463.9574	914.3864	0.242607	0.426069	457.2279	318.1813	4.163576	100	12.1
1736.446	1068.446	325.4609	19.75271	0.306337	0.967443	474.8072	1008.783	0.246089	0.430977	445.6489	287.4505	3.765255	100	10.7
1736.598	1068.598	325.4664	19.70311	0.317184	0.908014	481.2032	1061.834	0.256573	0.448197	407.417	172.6326	2.266871	100	5.5
1736.75	1068.75	325.4719	19.65534	0.330008	0.829423	482.5584	1089.866	0.268995	0.467734	363.3148	106.8786	1.406797	100	2.6
1736.903	1068.903	325.4774	19.60528	0.323603	0.864727	482.2825	1095.823	0.262827	0.45561	388.5568	135.1046	1.782787	100	3.9
1737.055	1069.055	325.4829	19.55207	0.304495	1.017673	481.1663	1092.147	0.244423	0.420909	461.8416	329.9469	4.365494	100	12.8
1737.208	1069.208	325.4884	19.49032	0.287863	1.168417	481.6027	1077.422	0.22847	0.388666	528.3526	474.2364	6.29411	100	20.4
1737.36	1069.36	325.4939	19.47087	0.318126	0.92036	484.2443	1072.962	0.257617	0.442977	413.1803	188.8778	2.509288	100	6.3
1737.512	1069.512	325.4994	19.40766	0.326106	0.878703	489.1111	1077.877	0.265354	0.459475	379.7357	123.2033	1.642026	100	3.4
1737.665	1069.665	325.5049	19.35044	0.319859	0.938021	495.3072	1089.171	0.259345	0.448357	403.3717	162.79	2.175941	100	5.2
1737.817	1069.817	325.5104	19.29561	0.31039	1.014305	501.8509	1087.903	0.250235	0.433649	436.2398	261.1373	3.50027	100	9.7
1737.97	1069.97	325.5159	19.24571	0.307872	0.993391	506.6817	1069.134	0.247836	0.425908	450.2326	299.8266	4.029125	100	11.5
1738.122	1070.122	325.5214	19.24744	0.31733	0.92227	508.1517	1054.044	0.256983	0.440493	417.4827	203.006	2.727829	100	7
1738.274	1070.274	325.5269	19.24918	0.318192	0.938282	505.7852	1042.713	0.257842	0.444844	410.2936	180.3882	2.423728	100	6
1738.427	1070.427	325.5324	19.25091	0.320413	0.936116	501.8762	1054.978	0.260013	0.458827	388.0004	134.2699	1.80394	100	4
1738.579	1070.579	325.5379	19.25264	0.317134	0.960944	499.4407	1060.746	0.256874	0.455189	397.3524	150.1338	2.016925	100	4.8
1738.732	1070.732	325.5434	19.25437	0.320324	0.954122	499.4012	1065.155	0.259981	0.453325	395.6377	146.9091	1.973458	100	4.6
1738.884	1070.884	325.5489	19.31315	0.330329	0.925904	501.3864	1067.684	0.269681	0.457638	376.2995	119.2437	1.597068	100	3.2
1739.036	1071.036	325.5544	19.31489	0.339869	0.90511	502.6003	1078.706	0.27895	0.470684	345.5047	94.58672	1.266735	100	2.1
1739.189	1071.189	325.5599	19.35419	0.343425	0.887291	502.3836	1097.14	0.282426	0.477585	331.1851	87.13676	1.164657	100	1.8

1739.341	1071.341	325.5654	19.43338	0.345337	0.897392	500.9688	1106.144	0.284309	0.480729	324.2477	84.04622	1.118882	100	1.6
1739.494	1071.494	325.5709	19.50008	0.342572	0.888573	498.6121	1109.844	0.281652	0.476474	333.7854	88.3724	1.172553	100	1.8
1739.646	1071.646	325.5764	19.5733	0.338864	0.897022	495.9403	1104.981	0.278083	0.469796	347.9275	96.0275	1.269477	100	2.1
1739.798	1071.798	325.5819	19.51287	0.32936	0.947698	492.9108	1095.764	0.268904	0.455887	379.7888	123.2672	1.634543	100	3.4
1739.951	1071.951	325.5874	19.4558	0.318341	1.027698	490.5542	1077.719	0.25828	0.439693	416.797	200.627	2.66802	100	6.8
1740.103	1072.103	325.5929	19.40219	0.329413	0.944421	489.4314	1065.259	0.269009	0.462869	370.0082	112.7931	1.504048	100	3
1740.256	1072.256	325.5984	19.41379	0.335523	0.896827	490.5798	1058.731	0.274952	0.475646	344.175	93.8212	1.250351	100	2.1
1740.408	1072.408	325.6039	19.41553	0.337904	0.897885	492.2139	1058.236	0.277286	0.480221	334.6405	88.78887	1.183197	100	1.9
1740.56	1072.56	325.6094	19.35847	0.343195	0.863742	493.3064	1059.32	0.282444	0.487122	317.9989	81.4836	1.088997	100	1.5
1740.713	1072.713	325.6149	19.3007	0.323595	0.962726	491.9574	1060.281	0.26349	0.448274	397.7664	150.9361	2.023145	100	4.7
1740.865	1072.865	325.6204	19.30244	0.318711	0.966267	490.7821	1059.097	0.258798	0.436609	420.3389	213.479	2.861255	100	7.4
1741.018	1073.018	325.6259	19.30417	0.312661	1.02458	490.6835	1058.752	0.252987	0.427068	441.524	276.068	3.699862	100	10.3
1741.17	1073.17	325.6314	19.30591	0.313802	1.059894	491.5955	1059.116	0.254114	0.428762	437.6308	265.1065	3.552691	100	9.8
1741.322	1073.322	325.6369	19.30764	0.306849	1.152865	493.584	1060.321	0.247439	0.410488	472.0605	355.0907	4.758215	100	14
1741.475	1073.475	325.6424	19.25943	0.305924	1.151465	492.6518	1066.756	0.246576	0.404037	482.1545	378.7552	5.08784	100	15.2
1741.627	1073.627	325.6479	19.22733	0.306008	1.164531	490.3409	1080.98	0.246683	0.406549	478.5401	370.4106	4.983956	100	14.8
1741.78	1073.78	325.6535	19.24184	0.296913	1.244961	486.9735	1096.919	0.237961	0.400302	499.1966	416.2788	5.59706	100	17.4
1741.932	1073.932	325.6589	19.24919	0.28632	1.33525	487.5738	1090.081	0.227821	0.384031	535.6452	487.6445	6.554242	100	21.5
1742.084	1074.084	325.6644	19.24706	0.295392	1.227624	492.9721	1033.441	0.236554	0.398675	503.3848	425.0651	5.713834	100	17.9
1742.237	1074.237	325.67	19.23705	0.316298	0.998245	498.0392	990.3348	0.25671	0.424977	439.2722	269.7543	3.628006	100	9.9
1742.389	1074.389	325.6754	19.2238	0.332324	0.881021	497.0609	974.2111	0.272228	0.455089	376.3028	119.2474	1.6049	100	3.2
1742.542	1074.542	325.681	19.22571	0.335674	0.924001	490.2474	1013.803	0.2755	0.465475	357.4555	102.3546	1.377432	100	2.5
1742.694	1074.694	325.6865	19.18992	0.339226	0.965309	477.1818	1057.494	0.278969	0.481232	330.9234	87.01491	1.173156	100	1.9
1742.846	1074.846	325.6919	19.25399	0.335647	0.990214	466.7351	1088.686	0.275527	0.476759	341.8461	92.52073	1.243334	100	2.1
1742.999	1074.999	325.6975	19.31266	0.329118	0.996237	459.6886	1090.36	0.269232	0.46783	362.8546	106.5029	1.426992	100	2.8
1743.151	1075.151	325.703	19.36936	0.33528	0.935826	457.4171	1077.364	0.275224	0.480328	337.3371	90.13731	1.204268	100	2
1743.304	1075.304	325.7085	19.42153	0.334333	0.948442	456.4849	1073.213	0.274334	0.481253	337.291	90.1138	1.200803	100	2
1743.456	1075.456	325.714	19.42322	0.31502	1.086796	454.7156	1076.301	0.255691	0.453429	401.414	158.4303	2.110996	100	5.2
1743.608	1075.608	325.7194	19.42491	0.298627	1.207896	451.9846	1083.459	0.239929	0.431215	453.8209	309.3207	4.121233	100	12.3
1743.761	1075.761	325.725	19.4266	0.295532	1.235891	451.7679	1066.814	0.236982	0.435131	452.4831	305.8008	4.074045	100	12.3
1743.913	1075.913	325.7305	19.4283	0.311453	1.096771	455.7254	1046.251	0.252331	0.455568	403.0998	162.1696	2.160356	100	5.4
1744.066	1076.066	325.736	19.42999	0.344614	0.896731	464.0055	1039.725	0.284436	0.502707	293.7425	72.97516	0.972075	100	1.2
1744.218	1076.218	325.7415	19.43168	0.363675	0.805179	473.828	1050.665	0.302997	0.522093	241.3755	59.01582	0.786072	100	0.5
1744.37	1076.37	325.747	19.43337	0.353743	0.890006	478.163	1066.454	0.293358	0.502941	281.1072	69.18521	0.921459	100	1
1744.523	1076.523	325.7525	19.37708	0.34906	0.92229	480.0828	1073.356	0.288833	0.495897	297.0719	74.03552	0.988878	100	1.2
1744.675	1076.675	325.758	19.32644	0.340212	0.979857	480.8831	1074.333	0.280273	0.482108	327.9149	85.64467	1.146891	100	1.8
1744.828	1076.828	325.7635	19.32812	0.329032	1.069356	482.9834	1073.51	0.269469	0.46112	371.7873	114.5214	1.533479	100	3.1
1744.98	1076.98	325.769	19.32981	0.322225	1.110698	484.9751	1072.203	0.262914	0.445888	401.8534	159.3873	2.134094	100	5.1
1745.132	1077.132	325.7745	19.3249	0.328759	1.03758	483.9181	1071.114	0.269258	0.455079	380.4151	124.027	1.661078	100	3.5
1745.285	1077.285	325.78	19.32106	0.325487	1.069871	479.3658	1061.506	0.26612	0.447146	395.6926	147.01	1.969298	100	4.5
1745.437	1077.437	325.7855	19.3118	0.321458	1.105934	472.0895	1042.025	0.262254	0.438048	413.5845	190.1271	2.548112	100	6.4
1745.59	1077.59	325.791	19.30461	0.297668	1.285888	470.6222	998.5305	0.239355	0.38708	515.5204	449.6258	6.028233	100	18.9
1745.742	1077.742	325.7965	19.241	0.299764	1.159247	472.6041	977.6099	0.241397	0.380909	521.2184	460.7195	6.19707	100	19.2
1745.894	1077.894	325.802	19.30045	0.312334	1.067659	475.669	973.3323	0.253527	0.400153	477.921	368.967	4.948004	100	14.3
1746.047	1078.047	325.8075	19.29085	0.325515	1.030352	477.7102	1010.932	0.266281	0.427395	422.7274	221.0772	2.966225	100	7.6
1746.199	1078.199	325.813	19.29253	0.329749	1.049187	478.3925	1044.084	0.270403	0.441387	397.7288	150.8629	2.024006	100	4.6
1746.352	1078.352	325.8185	19.20649	0.329909	1.073527	479.3637	1063.231	0.270585	0.44271	395.6528	146.9368	1.980016	100	4.5
1746.504	1078.504	325.824	19.14389	0.321417	1.165754	477.1218	1069.864	0.262401	0.421477	436.2484	261.1618	3.530568	100	9.5
1746.656	1078.656	325.8295	19.15629	0.315846	1.23299	476.9573	1070.847	0.257048	0.406793	463.8994	335.1102	4.52744	100	12.9
1746.809	1078.809	325.835	19.21902	0.322963	1.158813	476.5009	1077.273	0.263947	0.420865	434.959	257.4578	3.467245	100	9.2
1746.961	1078.961	325.8405	19.27962	0.321992	1.145211	477.9512	1087.07	0.263036	0.425823	429.3742	241.1298	3.237388	100	8.6
1747.114	1079.114	325.846	19.30026	0.333816	1.074572	479.756	1112.284	0.274501	0.459719	366.7771	109.8283	1.473021	100	2.9
1747.266	1079.266	325.8515	19.32022	0.33995	1.042715	481.3309	1133.838	0.280472	0.48065	329.6523	86.42916	1.158033	100	1.9
1747.418	1079.418	325.857	19.37432	0.351204	0.979143	483.0831	1164.816	0.291424	0.50379	282.6055	69.61709	0.930234	100	1.1
1747.571	1079.571	325.8625	19.37809	0.343851	1.074333	483.8147	1183.709	0.28431	0.490781	310.3748	78.59161	1.049967	100	1.5
1747.723	1079.723	325.868	19.45978	0.339768	1.105408	483.8373	1204.419	0.280375	0.483767	325.4845	84.57693	1.125299	100	1.8
1747.876	1079.876	325.8735	19.53553	0.344388	1.072003	482.9642	1213.699	0.284884	0.491763	308.2273	77.81736	1.031446	100	1.5
1748.028	1080.028	325.879	19.62014	0.356899	0.957975	481.372	1218.51	0.297067	0.512406	262.9274	64.25577	0.848109	100	0.8
1748.18	1080.18	325.8845	19.56559	0.355581	0.968089	480.3149	1219.236	0.295813	0.511253	266.2492	65.11738	0.861837	100	0.8
1748.333	1080.333	325.89	19.58313	0.355631	0.97359	480.692	1220.432	0.295888	0.515268	260.6047	63.66263	0.841857	100	0.8
1748.485	1080.485	325.8955	19.59966	0.351337	0.993376	481.6074	1220.436	0.29174	0.513406	268.8987	65.81631	0.86963	100	0.9
1748.638	1080.638	325.901	19.624	0.351376	0.995339	482.874	1222.109	0.291804	0.515129	266.4323	65.16535	0.859995	100	0.9
1748.79	1080.79	325.9065	19.64639	0.34986	0.991903	482.8998	1221.882	0.290358	0.511568	273.342	67.0131	0.883406	100	1
1748.942	1080.942	325.912	19.59113	0.343709	1.043737	481.9641	1220.451	0.284412	0.498487	299.5995	74.8601	0.989587	100	1.3
1749.095	1081.095	325.9175	19.53005	0.341281	1.090588	481.744	1220.22	0.282082	0.494927	307.7273	77.63944	1.029483	100	1.5
1749.247	1081.247	325.923	19.46738	0.366607	0.904231	482.0029	1218.792	0.306734	0.533046	221.1036	54.55267	0.725647	100	0.4
1749.4	1081.4	325.9285	19.46907	0.369996	0.884155	482.1996	1220.582	0.310065	0.530982	219.3561	54.18622	0.720721	100	0.3
1749.552	1081.552	325.934	19.406	0.370911	0.87881	480.9093	1227.979	0.310984	0.523015	229.0825	56.26142	0.750715	100	0.4
1749.704	1081.704	325.9395	19.34309	0.340358	1.110503	480.0327	1239.958	0.281294	0.461608	354.7952	100.4713	1.344913	100	2.4
1749.857	1081.857	325.945	19.3482	0.334696	1.150306	481.2992	1258.61	0.275833	0.448798	380.0088	123.5327	1.653209	100	3.4
1750.009	1082.009	325.9505	19.32877	0.34485	1.057135	484.8434	1267.982	0.285706	0.469685	337.5603	90.25136	1.209019	100	2
1750.162	1082.162	325.956	19.31202	0.361423	0.941931	488.7848	1272.624	0.301844	0.509553	260.2717	63.5782	0.852438	100	0.8
1750.314	1082.314	325.9615	19.25895	0.366378	0.914573	490.2514	1267.52	0.306697	0.526328	230.4252	56.55489	0.76033	100	0.5
1750.466	1082.466	325.967	19.32995	0.366322	0.919126	489.0137	1257.345	0.306669	0.528189	227.8958	56.0035	0.750216	100	0.4
1750.619	1082.619	325.9725	19.41639	0.375535	0.84695	485.5872	1238.925	0.315683	0.540468	198.5126	50.01594	0.667094	100	0.1
1750.771	1082.771	325.978	19.50598	0.367247	0.902411	483.0926	1229.573	0.307625	0.521425	235.9122	57.77265	0.767094	100	0.5
1750.924	1082.924	325.9836	19.59992	0.374579	0.861762	482.4556	1225.777	0.314803	0.53211	211.261	52.52364	0.694136	100	0.2
1751.076	1083.076	325.989	19.63957	0.37277	0.869027	483.3085	1226.239	0.313064	0.530982	215.2164	53.32892	0.703396	100	0.3
1751.228	1083.228	325.9945	19.64027	0.386868	0.783925	483.4459	1224.812	0.326863	0.560204	155.8475	42.49454	0.560481	87.1	0
1751.381	1083.381	326.0001	19.64983	0.383094	0.800323	482.3365	1225.531	0.323199	0.555747	167.0542	44.34994	0.584682	92.3	0

1751.533	1083.533	326.0055	19.59766	0.366362	0.886245	480.8002	1225.176	0.306895	0.526564	229.8266	56.42383	0.745805	100	0.4
1751.686	1083.686	326.0111	19.66362	0.359159	0.918333	479.1556	1221.855	0.299906	0.509859	262.524	64.15222	0.845186	100	0.8
1751.838	1083.838	326.0166	19.66095	0.341956	1.014335	478.4529	1213.622	0.283217	0.47877	328.4579	85.88791	1.131713	100	1.8
1751.99	1083.99	326.022	19.66752	0.3391	1.01046	478.1735	1197.136	0.280473	0.471459	342.3341	92.7891	1.222264	100	2
1752.143	1084.143	326.0276	19.67854	0.341249	0.986662	478.8494	1193.453	0.282584	0.47826	330.0353	86.60456	1.140189	100	1.8
1752.295	1084.295	326.033	19.59923	0.356201	0.893489	480.1815	1198.46	0.297134	0.507903	269.0478	65.85598	0.870469	100	0.8
1752.448	1084.448	326.0386	19.63813	0.352838	0.956936	482.8166	1214.629	0.293891	0.50564	276.6474	67.92459	0.896083	100	1
1752.6	1084.6	326.0441	19.60835	0.345823	1.026052	484.1585	1224.594	0.287103	0.49247	304.1897	76.4044	1.009464	100	1.4
1752.752	1084.752	326.0495	19.54543	0.344401	1.11017	484.4731	1224.589	0.285749	0.486946	313.6816	79.81716	1.057891	100	1.6
1752.905	1084.905	326.0551	19.52826	0.367688	0.891986	483.485	1215.092	0.308427	0.523897	231.3933	56.76757	0.753051	100	0.4
1753.057	1085.057	326.0606	19.58977	0.375127	0.801808	481.4728	1197.042	0.31571	0.529543	213.5516	52.98835	0.700767	100	0.2
1753.21	1085.21	326.0661	19.52023	0.386641	0.71358	479.5888	1184.449	0.326987	0.543117	179.2572	46.46463	0.616642	94.1	0
1753.362	1085.362	326.0716	19.45057	0.387609	0.672425	478.6465	1178.916	0.32796	0.544697	175.7342	45.8437	0.610544	91.7	0
1753.514	1085.514	326.0771	19.44426	0.393171	0.640269	478.3671	1182.495	0.33343	0.559195	148.1774	41.27027	0.549818	80.6	0
1753.667	1085.667	326.0826	19.42781	0.368684	0.725546	478.3865	1188.208	0.309531	0.520347	234.7679	57.5162	0.766898	100	0.4
1753.819	1085.819	326.0881	19.40973	0.352964	0.809467	478.4058	1198.129	0.294253	0.492982	293.6157	72.93533	0.973391	100	1.1
1753.972	1085.972	326.0936	19.33267	0.359603	0.783834	478.4252	1192.07	0.300737	0.503966	269.5097	65.97903	0.884005	100	0.8
1754.124	1086.124	326.0991	19.26313	0.354073	0.826247	478.4445	1191.45	0.295384	0.498846	283.9629	70.01217	0.941375	100	1
1754.276	1086.276	326.1046	19.25822	0.336176	0.960506	478.7625	1193.374	0.278038	0.470711	346.7269	95.30596	1.28181	100	2.2
1754.429	1086.429	326.1101	19.26806	0.350416	0.869527	479.1988	1201.46	0.291882	0.498826	288.8232	71.45808	0.960602	100	1.1
1754.581	1086.581	326.1156	19.26884	0.374041	0.754706	479.9336	1211.624	0.314915	0.537721	203.3616	50.95439	0.684956	100	0.2
1754.734	1086.734	326.1211	19.20122	0.385804	0.695662	479.4771	1209.965	0.326433	0.552988	166.3981	44.23906	0.596747	90.4	0
1754.886	1086.886	326.1266	19.20744	0.368965	0.777754	478.7219	1197.448	0.310017	0.523325	229.9876	56.45906	0.761353	100	0.4
1755.038	1087.038	326.1321	19.21486	0.372394	0.761632	477.8452	1188.115	0.313388	0.532344	212.8897	52.85361	0.712473	100	0.2
1755.191	1087.191	326.1376	19.21492	0.348654	0.898437	477.625	1184.791	0.290303	0.494056	297.5844	74.20131	1.000254	100	1.3
1755.343	1087.343	326.1431	19.2793	0.32601	1.075572	478.002	1190.627	0.268384	0.456061	380.2663	123.8454	1.664024	100	3.6
1755.496	1087.496	326.1486	19.25616	0.310274	1.221792	478.855	1202.995	0.253218	0.428599	439.0925	269.2474	3.622002	100	10.2
1755.648	1087.648	326.1541	19.3066	0.320936	1.152889	480.0099	1220.573	0.263532	0.453496	390.5004	138.1206	1.853306	100	4.3
1755.8	1087.8	326.1596	19.29984	0.346082	0.99649	480.5084	1228.344	0.287912	0.498952	294.1271	73.09622	0.981158	100	1.3
1755.953	1087.953	326.1651	19.29213	0.351946	0.986823	481.2399	1226.442	0.293635	0.508449	273.1234	66.95347	0.89907	100	1
1756.105	1088.105	326.1706	19.20801	0.341696	1.089453	481.502	1217.846	0.283708	0.4874	315.8708	80.65233	1.087689	100	1.7
1756.258	1088.258	326.1761	19.13011	0.366218	0.893131	482.0564	1203.824	0.307578	0.529261	225.1619	55.41438	0.750323	100	0.4
1756.41	1088.41	326.1816	19.09808	0.362265	0.920667	482.7912	1200.43	0.303753	0.519772	243.5355	59.51613	0.807199	100	0.6
1756.562	1088.562	326.1871	19.11227	0.365382	0.873307	484.2447	1205.464	0.306816	0.52476	232.4243	56.99508	0.772454	100	0.5
1756.715	1088.715	326.1926	19.23945	0.356187	0.965937	485.2749	1221.631	0.297891	0.510445	264.4955	64.66051	0.870671	100	0.9
1756.867	1088.867	326.1981	19.30572	0.357493	0.935556	486.2525	1230.501	0.299188	0.513839	258.0223	63.01182	0.845626	100	0.8
1757.02	1089.02	326.2036	19.27995	0.352705	0.996644	487.1613	1234.069	0.294558	0.505202	276.3308	67.83648	0.911579	100	1
1757.172	1089.172	326.2091	19.34271	0.355094	0.94459	487.1872	1232.891	0.296907	0.507691	269.6548	66.01774	0.884328	100	0.9
1757.324	1089.324	326.2146	19.32404	0.349321	0.987181	486.3072	1233.13	0.291323	0.496256	293.1414	72.78669	0.975938	100	1.2
1757.477	1089.477	326.2201	19.30277	0.360893	0.911254	485.7326	1235.152	0.302603	0.516884	249.1068	60.83078	0.816523	100	0.7
1757.629	1089.629	326.2256	19.37811	0.362265	0.923056	485.4532	1236.591	0.303966	0.518778	244.6127	59.76758	0.799205	100	0.6
1757.782	1089.782	326.2311	19.30641	0.350103	1.02244	485.1149	1237.661	0.292162	0.499185	287.9405	71.1917	0.955446	100	1.2
1757.934	1089.934	326.2366	19.30153	0.354486	0.99528	484.3596	1237.546	0.296449	0.509126	268.3065	65.65917	0.881426	100	0.9
1758.086	1090.086	326.2421	19.28597	0.348817	1.036291	482.8266	1237.544	0.290966	0.499278	289.4636	71.65238	0.962654	100	1.2
1758.239	1090.239	326.2476	19.3105	0.360697	0.955482	482.0123	1235.405	0.302545	0.519342	245.7964	60.04535	0.805719	100	0.6
1758.391	1090.391	326.2531	19.24064	0.361595	0.94955	482.0875	1234.921	0.303446	0.517717	246.7945	60.28084	0.811771	100	0.7
1758.544	1090.544	326.2586	19.30198	0.368882	0.894142	483.1177	1233.138	0.310573	0.530195	219.7396	54.26641	0.72851	100	0.4
1758.696	1090.696	326.2641	19.30524	0.356529	0.986021	484.5712	1232.414	0.298569	0.509207	265.269	64.86146	0.870613	100	0.9
1758.848	1090.848	326.2696	19.35251	0.351542	1.035345	485.3092	1232.892	0.293746	0.502011	281.8558	69.40043	0.929319	100	1.1
1759.001	1091.001	326.2751	19.28914	0.357804	1.010599	485.3877	1234.202	0.299862	0.515098	255.3556	62.34899	0.837597	100	0.8
1759.153	1091.153	326.2806	19.23551	0.368346	0.942173	485.1707	1235.991	0.310156	0.534156	214.8492	53.2536	0.717376	100	0.4
1759.306	1091.306	326.2861	19.23323	0.386768	0.835312	484.3564	1237.421	0.328172	0.566256	145.6885	40.88075	0.550774	86.6	0
1759.458	1091.458	326.2916	19.29836	0.366702	0.96611	484.2542	1236.947	0.308607	0.532167	219.732	54.26482	0.728683	100	0.4
1759.61	1091.61	326.2971	19.3907	0.35414	1.085565	483.5581	1236.349	0.296404	0.509045	268.4811	65.70544	0.878202	100	1
1759.763	1091.763	326.3026	19.51139	0.357669	1.051413	484.0533	1235.042	0.299864	0.51236	259.1316	63.29027	0.840806	100	0.8
1759.915	1091.915	326.3081	19.5896	0.36228	0.98808	484.9062	1230.858	0.304379	0.518095	244.9857	59.85495	0.792069	100	0.6
1760.068	1092.068	326.3137	19.59598	0.367898	0.928846	485.523	1222.301	0.309879	0.526191	226.2234	55.64228	0.736098	100	0.4
1760.22	1092.22	326.3191	19.64056	0.381271	0.819214	485.7819	1211.77	0.322958	0.548633	177.205	46.10188	0.60854	97.2	0
1760.372	1092.372	326.3246	19.69539	0.361871	0.926869	485.8011	1212.024	0.304059	0.524379	236.7553	57.96245	0.763024	100	0.5
1760.525	1092.525	326.3302	19.78134	0.355294	0.954634	485.4627	1227.346	0.297686	0.524706	245.1003	59.88181	0.78495	100	0.6
1760.677	1092.677	326.3356	19.81403	0.335892	1.117753	484.7666	1236.343	0.278877	0.497734	308.2759	77.83469	1.01865	100	1.5
1760.83	1092.83	326.3412	19.92689	0.3494	1.018772	483.5979	1240.148	0.292009	0.5133	268.6726	65.75626	0.855822	100	0.9
1760.982	1092.982	326.3467	19.86546	0.366419	0.892427	483.4924	1238.613	0.308596	0.530862	221.5475	54.6462	0.713383	100	0.3
1761.134	1093.134	326.3521	19.80247	0.369472	0.867189	484.4667	1239.087	0.311598	0.528193	221.0886	54.5495	0.714345	100	0.3
1761.287	1093.287	326.3577	19.77387	0.353019	0.962718	485.7956	1243.014	0.295606	0.49732	285.7625	70.54174	0.925088	100	1
1761.439	1093.439	326.3631	19.82142	0.344014	1.006218	487.0096	1245.645	0.286885	0.482473	318.2854	81.59703	1.067572	100	1.6
1761.592	1093.592	326.3687	19.82134	0.351137	0.952675	487.7444	1250.875	0.293829	0.499533	285.16	70.3637	0.920617	100	1
1761.744	1093.744	326.3742	19.95338	0.359308	0.923321	487.885	1258.519	0.301803	0.515803	251.704	61.45599	0.79888	100	0.6
1761.896	1093.896	326.3796	20.0091	0.359685	0.937226	487.6647	1276.566	0.302196	0.517474	248.8562	60.77088	0.787836	100	0.6
1762.049	1094.049	326.3852	19.88093	0.367996	0.894775	487.8023	1286.67	0.310319	0.528159	222.9013	54.93252	0.716643	100	0.3
1762.201	1094.201	326.3907	19.89474	0.372552	0.884673	488.4188	1292.777	0.314788	0.530412	213.6243	53.00318	0.691013	100	0.2
1762.354	1094.354	326.3962	19.88104	0.379255	0.855182	489.0323	1291.591	0.321359	0.53801	194.0712	49.1724	0.641511	100	0.1
1762.506	1094.506	326.4017	19.95881	0.365016	0.95332	489.0548	1290.271	0.307493	0.517401	241.6459	59.07816	0.767818	100	0.5
1762.658	1094.658	326.4072	20.03378	0.353839	0.99214	488.4767	1289.424	0.296641	0.502972	276.5343	67.89311	0.879169	100	0.9
1762.811	1094.811	326.4127	20.10464	0.344214	1.064414	487.784	1285.744	0.287317	0.488072	309.9636	78.44206	1.012288	100	1.4
1762.963	1094.963	326.4182	20.15406	0.338952	1.064044	487.5604	1278.565	0.28224	0.476851	332.454	87.73404	1.129505	100	1.8
1763.116	1095.116	326.4237	20.23196	0.369824	0.866814	487.7012	1264.063	0.312286	0.529369	218.516	54.01102	0.692745	100	0.3
1763.268	1095.268	326.4292	20.31413	0.380509	0.82597	488.0781	1256.845	0.322742	0.547593	178.9383	46.40807	0.592889	95.9	0
1763.42	1095.42	326.4347	20.46836	0.381792	0.840756	488.0974	1253.136	0.324022	0.548991	175.2433	45.75786	0.580296	94.1	0
1763.573	1095.573	326.4402	20.54308	0.35097	1.044069	487.8772	1252.898	0.294011	0.494593	291.7265	72.34654	0.914251	100	1.1

1763.725	1095.725	326.4457	20.4823	0.349705	1.076543	487.6569	1252.178	0.292808	0.49229	296.5642	73.87197	0.936239	100	1.2
1763.878	1095.878	326.4512	20.44112	0.345237	1.175875	487.5581	1252.179	0.288495	0.482557	315.9478	80.68207	1.02457	100	1.5
1764.03	1096.03	326.4567	20.47446	0.342802	1.167051	486.862	1256.342	0.286159	0.476556	327.4536	85.43939	1.083275	100	1.7
1764.182	1096.182	326.4622	20.45587	0.364048	0.971209	486.5234	1260.536	0.306841	0.515718	244.8682	59.82739	0.759225	100	0.5
1764.335	1096.335	326.4677	20.50422	0.379066	0.838423	486.4214	1267.189	0.321517	0.543734	185.9533	47.66887	0.603549	98.6	0
1764.487	1096.487	326.4732	20.54212	0.382566	0.815321	487.2184	1257.663	0.324964	0.552422	169.2079	44.71585	0.56515	90.8	0
1764.64	1096.64	326.4787	20.55111	0.358625	0.976565	488.544	1257.654	0.30164	0.511521	257.8386	62.96586	0.795478	100	0.7
1764.792	1096.792	326.4842	20.46722	0.363661	0.916507	490.0599	1263.845	0.30657	0.520569	238.5483	58.36857	0.740352	100	0.5
1764.944	1096.944	326.4897	20.37436	0.350785	1.022122	489.3604	1283.079	0.294068	0.493912	292.5869	72.61363	0.925141	100	1.1
1765.097	1097.097	326.4952	20.28988	0.353759	0.995734	487.5386	1293.532	0.296986	0.494139	288.2471	71.28403	0.9119	100	1
1765.249	1097.249	326.5007	20.22128	0.355862	0.981382	486.1203	1293.084	0.299058	0.492668	287.4188	71.03509	0.911735	100	1
1765.402	1097.402	326.5062	20.27253	0.388846	0.765774	485.7229	1287.377	0.331263	0.551959	161.1542	43.36306	0.555199	86.3	0
1765.554	1097.554	326.5117	20.22406	0.390549	0.758278	486.0999	1278.405	0.332956	0.554721	155.0057	42.3584	0.543611	83.8	0
1765.706	1097.706	326.5172	20.29892	0.370195	0.860495	486.3587	1286.035	0.313097	0.52395	224.8758	55.35314	0.707835	100	0.3
1765.859	1097.859	326.5227	20.34102	0.367319	0.887841	486.3781	1290.793	0.31032	0.522383	230.8708	56.65267	0.723	100	0.4
1766.011	1098.011	326.5282	20.38941	0.370883	0.85912	486.2759	1291.634	0.31382	0.532306	212.3452	52.74304	0.671556	100	0.2
1766.164	1098.164	326.5337	20.25856	0.367331	0.86074	486.4758	1284.138	0.310383	0.522565	230.5311	56.5781	0.724934	100	0.4
1766.316	1098.316	326.5392	20.31054	0.358285	0.898053	487.9226	1261.589	0.3016	0.501995	271.0389	66.38882	0.848526	100	0.8
1766.468	1098.468	326.5447	20.364	0.351193	0.984572	490.2163	1246.145	0.29473	0.491074	295.5913	73.56046	0.937793	100	1.1
1766.621	1098.621	326.5502	20.31472	0.336557	1.106637	491.8995	1238.173	0.280553	0.471565	342.0783	92.64812	1.183944	100	2
1766.773	1098.773	326.5557	20.26839	0.32014	1.255608	492.5194	1256.409	0.264696	0.450845	392.5526	141.4827	1.812054	100	4.2
1766.926	1098.926	326.5612	20.29516	0.336132	1.084727	493.3691	1273.401	0.280193	0.477666	334.1546	88.55157	1.132689	100	1.9
1767.078	1099.078	326.5667	20.30309	0.332401	1.114389	495.1803	1276.563	0.276606	0.465321	356.141	101.4117	1.29671	100	2.4
1767.23	1099.23	326.5722	20.20024	0.351623	0.96992	494.5989	1260.919	0.295279	0.494019	290.7678	72.05101	0.925875	100	1.1
1767.383	1099.383	326.5777	20.23135	0.349522	0.98298	490.7587	1253.671	0.293264	0.488274	301.4776	75.48439	0.968553	100	1.2
1767.535	1099.535	326.5832	20.18356	0.356978	0.969138	488.7957	1255.431	0.30054	0.500184	275.0017	67.46845	0.867711	100	0.9
1767.688	1099.688	326.5887	20.19234	0.34357	1.066971	488.4016	1268.265	0.287538	0.475411	327.1315	85.2968	1.09655	100	1.7
1767.84	1099.84	326.5942	20.05607	0.348259	1.036098	488.657	1286.198	0.292116	0.48683	305.0537	76.70228	0.992617	100	1.3
1767.992	1099.992	326.5997	19.98449	0.343284	1.046254	488.079	1296.117	0.287313	0.485604	313.3747	79.70163	1.035055	100	1.5
1768.145	1100.145	326.6052	19.98442	0.352366	0.95894	487.0875	1299.561	0.29616	0.50844	269.6524	66.01711	0.857354	100	0.9
1768.297	1100.297	326.6107	19.98408	0.368982	0.866451	486.0894	1294.671	0.312363	0.538123	206.3306	51.5382	0.669339	100	0.2
1768.45	1100.45	326.6162	19.91035	0.381336	0.812873	484.7992	1285.635	0.324448	0.556477	164.3236	43.89039	0.572086	91.6	0
1768.602	1100.602	326.6217	19.84232	0.374737	0.844584	484.2179	1268.316	0.318029	0.539605	196.4648	49.62514	0.649012	100	0.1
1768.754	1100.754	326.6272	19.71857	0.357213	0.924744	484.4767	1259.09	0.300979	0.507483	264.3231	64.61585	0.850266	100	0.8
1768.907	1100.907	326.6327	19.65557	0.340966	1.018881	485.4478	1254.684	0.285222	0.479302	324.957	84.34959	1.113436	100	1.7
1769.059	1101.059	326.6382	19.73062	0.341208	1.019591	485.4703	1255.143	0.285484	0.484061	318.0283	81.49522	1.071766	100	1.6
1769.212	1101.212	326.6438	19.72411	0.35258	0.934268	484.4788	1255.972	0.296552	0.5063	272.0641	66.66564	0.877033	100	0.9
1769.364	1101.364	326.6492	19.76432	0.353553	0.933049	483.8384	1256.09	0.297524	0.507615	268.9086	65.81895	0.864182	100	0.9
1769.516	1101.516	326.6547	19.81693	0.325027	1.161186	483.9758	1256.562	0.269893	0.454206	380.7432	124.43	1.629504	100	3.5
1769.669	1101.669	326.6603	19.78325	0.31102	1.328925	484.5891	1257.269	0.256398	0.43023	432.4536	250.1906	3.281936	100	9.1
1769.821	1101.821	326.6657	19.74907	0.322195	1.209046	485.9835	1257.265	0.267208	0.4546	383.9048	128.4897	1.688373	100	3.8
1769.974	1101.974	326.6713	19.8179	0.324768	1.202644	486.6559	1256.193	0.269722	0.462397	369.6759	112.4781	1.472975	100	3.1
1770.126	1102.126	326.6767	19.83301	0.33521	1.127481	486.6785	1254.512	0.279854	0.48064	330.518	86.82697	1.136224	100	1.9
1770.278	1102.278	326.6822	19.8963	0.357916	0.962632	486.3367	1252.831	0.301926	0.520259	245.3854	59.94873	0.782063	100	0.6
1770.431	1102.431	326.6878	19.91463	0.350587	1.025582	485.6438	1251.4	0.294826	0.50506	276.1583	67.78854	0.883554	100	1
1770.583	1102.583	326.6932	19.97898	0.360876	0.979839	486.3785	1250.553	0.30486	0.522638	238.0519	58.2558	0.756923	100	0.5
1770.736	1102.736	326.6988	19.99413	0.372519	0.930993	486.7523	1251.263	0.316234	0.543383	193.7283	49.10789	0.6376	100	0.1
1770.888	1102.888	326.7043	20.0592	0.371864	0.929211	487.1326	1251.974	0.315621	0.544094	193.594	49.08266	0.63526	100	0.1
1771.04	1103.04	326.7097	19.93691	0.359884	0.999583	486.4955	1252.921	0.303974	0.520401	242.3626	59.24383	0.77138	100	0.6
1771.193	1103.193	326.7153	19.85507	0.348878	1.075457	485.2053	1252.678	0.293298	0.495609	291.3085	72.21742	0.944105	100	1.2
1771.345	1103.345	326.7208	19.76418	0.359482	0.985939	482.8353	1252.431	0.303634	0.512177	254.1811	62.05995	0.814977	100	0.7
1771.498	1103.498	326.7263	19.75422	0.354018	1.030789	482.4377	1252.428	0.298345	0.505731	270.3758	66.21067	0.869925	100	0.9
1771.65	1103.65	326.7318	19.70363	0.364246	0.922255	483.586	1252.778	0.308327	0.526399	228.0783	56.04306	0.738196	100	0.4
1771.802	1103.802	326.7373	19.65854	0.356986	0.976576	485.3972	1254.92	0.301284	0.513592	255.471	62.37747	0.823489	100	0.7
1771.955	1103.955	326.7428	19.66686	0.369754	0.870034	485.5969	1256.223	0.313747	0.53374	210.4682	52.36382	0.691015	100	0.3
1772.107	1104.107	326.7483	19.67301	0.366556	0.897831	484.3625	1256.697	0.310656	0.528415	222.082	54.75904	0.722412	100	0.4
1772.26	1104.26	326.7538	19.63762	0.360653	0.912161	483.2529	1254.672	0.304933	0.521969	238.8757	58.44307	0.772385	100	0.5
1772.412	1104.412	326.7593	19.5102	0.356282	0.910723	483.2688	1249.054	0.300705	0.518377	249.6668	60.96491	0.81088	100	0.7
1772.564	1104.564	326.7648	19.49253	0.365701	0.841214	483.6457	1240.539	0.309902	0.53515	213.828	53.04473	0.706173	100	0.3
1772.717	1104.717	326.7703	19.52477	0.348956	0.990606	483.9015	1225.57	0.293636	0.505122	277.7141	68.22282	0.906777	100	1
1772.869	1104.869	326.7758	19.49114	0.364894	0.909331	483.028	1223.009	0.309168	0.529854	222.1494	54.77328	0.729255	100	0.4
1773.022	1105.022	326.7813	19.49308	0.365409	0.883006	481.8592	1228.352	0.309696	0.530081	221.108	54.5536	0.72627	100	0.4
1773.174	1105.174	326.7868	19.56211	0.374597	0.837269	480.5	1244.106	0.318683	0.545097	187.9835	48.04033	0.637355	100	0.1
1773.326	1105.326	326.7923	19.49943	0.36043	0.921356	479.9219	1251.984	0.3049	0.521934	238.9702	58.46461	0.778109	100	0.6
1773.479	1105.479	326.7978	19.37173	0.361007	0.924961	480.4762	1250.552	0.305487	0.518573	242.7973	59.34458	0.794938	100	0.6
1773.631	1105.631	326.8033	19.24772	0.346921	0.994396	481.9296	1242.188	0.291818	0.489392	301.9299	75.6363	1.01959	100	1.4
1773.784	1105.784	326.8088	19.3207	0.34451	0.998034	484.5056	1225.777	0.289504	0.483245	313.6067	79.78892	1.071595	100	1.5
1773.936	1105.936	326.8143	19.32123	0.331867	1.072041	484.6528	1216.883	0.277273	0.468472	350.8719	97.86382	1.31433	100	2.4
1774.088	1106.088	326.8198	19.32198	0.342972	0.921168	483.1196	1210.652	0.288063	0.492878	302.3013	75.76146	1.017466	100	1.4
1774.241	1106.241	326.8253	19.30677	0.345328	0.863373	480.6415	1205.055	0.290376	0.497193	293.1551	72.79097	0.978342	100	1.2
1774.393	1106.393	326.8308	19.22828	0.3517	0.812518	479.2232	1196.559	0.296592	0.503831	275.4175	67.58325	0.912	100	0.9
1774.546	1106.546	326.8363	19.20354	0.344345	0.884351	479.0029	1181.812	0.289474	0.488619	306.2308	77.11197	1.041916	100	1.4
1774.698	1106.698	326.8418	19.1329	0.34282	0.9135	479.9148	1179.124	0.288021	0.484892	313.3803	79.70376	1.080856	100	1.5
1774.85	1106.85	326.8473	19.06643	0.332623	0.988551	480.295	1184.031	0.278164	0.467355	351.1852	98.06504	1.334426	100	2.4
1775.003	1107.003	326.8528	19.06986	0.346062	0.909703	480.5507	1200.771	0.29122	0.493258	297.4195	74.14789	1.008808	100	1.3
1775.155	1107.155	326.8583	19.06829	0.349617	0.899558	479.618	1208.691	0.294699	0.501669	281.0123	69.15799	0.941007	100	1.1
1775.308	1107.308	326.8638	18.99626	0.363682	0.823435	477.4976	1213.559	0.308408	0.526498	227.8304	55.98932	0.764676	100	0.5
1775.46	1107.46	326.8693	18.99605	0.343927	0.920707	474.7633	1213.809	0.289226	0.495049	297.6997	74.23869	1.013943	100	1.3
1775.612	1107.612	326.8748	18.93793	0.342278	0.901027	472.8724	1214.991	0.287653	0.494332	300.8611	75.27835	1.03126	100	1.4
1775.765	1107.765	326.8803	18.88071	0.32829	0.97644	472.1172	1214.985	0.274128	0.469839	353.3264	99.47232	1.366782	100	2.6

1775.917	1107.917	326.8858	18.87399	0.333059	0.976605	472.015	1214.976	0.278769	0.476007	338.4084	90.68844	1.246542	100	2.2
1776.07	1108.07	326.8913	18.8972	0.337124	0.989055	473.2223	1215.919	0.282734	0.483007	323.2773	83.63551	1.148224	100	1.8
1776.222	1108.222	326.8968	18.84284	0.355249	0.848014	474.4985	1215.915	0.300358	0.517108	251.898	61.50303	0.846778	100	0.7
1776.374	1108.374	326.9023	18.89966	0.366026	0.767834	475.6532	1211.6	0.310875	0.538363	208.051	51.87978	0.712181	100	0.3
1776.527	1108.527	326.9078	18.91713	0.346733	0.861659	476.1484	1201.6	0.292134	0.505198	279.6818	68.77832	0.943312	100	1.1
1776.679	1108.679	326.9133	18.89263	0.342412	0.901089	475.6917	1181.994	0.287967	0.497546	295.9932	73.68883	1.011964	100	1.3
1776.832	1108.832	326.9188	18.91858	0.333618	0.960758	474.8775	1170.577	0.279468	0.480043	331.874	87.45971	1.199474	100	2
1776.984	1108.984	326.9243	18.93596	0.332032	0.935648	474.0598	1166.707	0.277959	0.473412	343.1083	93.2193	1.277328	100	2.3
1777.136	1109.136	326.9298	18.94474	0.32572	0.955951	473.3012	1167.996	0.271878	0.456478	374.8682	117.6902	1.611926	100	3.4
1777.289	1109.289	326.9353	18.9437	0.344229	0.811562	471.952	1163.471	0.289834	0.487482	307.3032	77.48919	1.061391	100	1.4
1777.441	1109.441	326.9408	18.98035	0.346662	0.77599	469.7624	1151.757	0.292223	0.493284	296.0009	73.6913	1.007467	100	1.2
1777.594	1109.594	326.9463	19.038	0.346714	0.76103	468.5312	1139.266	0.2923	0.497993	289.3968	71.63207	0.976412	100	1.1
1777.746	1109.746	326.9518	19.09225	0.336719	0.825827	470.4541	1145.17	0.28263	0.485149	320.4647	82.47221	1.121048	100	1.7
1777.898	1109.898	326.9573	19.16558	0.339221	0.886484	474.8382	1170.63	0.285082	0.493188	305.9882	77.02716	1.043111	100	1.5
1778.051	1110.051	326.9628	19.19082	0.345936	0.894029	479.5506	1199.6	0.291623	0.506352	278.7946	68.52698	0.926815	100	1.1
1778.203	1110.203	326.9683	19.31773	0.339148	1.011363	482.6876	1216.271	0.285063	0.492322	307.2087	77.45579	1.040831	100	1.5
1778.356	1110.356	326.9739	19.44629	0.340372	0.990598	484.0131	1220.663	0.286277	0.491254	307.0079	77.38493	1.033147	100	1.5
1778.508	1110.508	326.9793	19.45342	0.360809	0.873187	484.2752	1219.24	0.306161	0.522926	235.8591	57.76072	0.770882	100	0.5
1778.66	1110.66	326.9848	19.52009	0.373798	0.79291	482.2628	1215.638	0.318848	0.545384	187.3601	47.92595	0.637492	100	0.1
1778.813	1110.813	326.9903	19.60616	0.355166	0.867562	478.1207	1205.996	0.300723	0.519096	248.6509	60.72185	0.804234	100	0.6
1778.965	1110.965	326.9958	19.73808	0.326265	1.000642	472.1012	1186.148	0.272719	0.47776	344.3386	93.91443	1.235727	100	2.2
1779.118	1111.118	327.0014	19.79347	0.329459	0.903731	467.6637	1163.677	0.275836	0.490238	322.8183	83.44296	1.094949	100	1.7
1779.27	1111.27	327.0068	19.81178	0.3345	0.845354	466.8886	1139.386	0.280743	0.497204	306.4333	77.18289	1.011901	100	1.4
1779.422	1111.422	327.0123	19.82229	0.340309	0.82644	469.4808	1133.858	0.286399	0.498649	296.6338	73.89433	0.968297	100	1.2
1779.575	1111.575	327.0179	19.88343	0.348346	0.810547	473.481	1140.982	0.294225	0.502562	280.4346	68.99273	0.901359	100	1
1779.727	1111.727	327.0233	19.89775	0.34443	0.846279	475.896	1159.963	0.290449	0.490198	302.7065	75.89849	0.990895	100	1.3
1779.88	1111.88	327.0289	19.91299	0.340383	0.870633	476.3322	1171.246	0.286549	0.483852	316.8468	81.03111	1.057126	100	1.5
1780.032	1112.032	327.0344	19.91721	0.333499	0.902548	474.9237	1181.168	0.279904	0.476366	336.3486	89.63669	1.169167	100	1.9
1780.184	1112.184	327.0398	19.99838	0.349347	0.791084	474.165	1189.309	0.295302	0.506609	273.3627	67.01875	0.870694	100	0.9
1780.337	1112.337	327.0454	20.06356	0.360955	0.716103	474.8966	1202.009	0.306618	0.524153	233.5366	57.24171	0.74132	100	0.4
1780.489	1112.489	327.0509	20.12261	0.375399	0.659197	476.9472	1208.125	0.320725	0.540536	191.459	48.68326	0.628682	98.5	0
1780.642	1112.642	327.0564	20.13098	0.381014	0.651163	479.346	1212.751	0.326235	0.543851	179.2813	46.46892	0.599851	92.3	0
1780.794	1112.794	327.0619	20.13913	0.394542	0.621518	480.6844	1230.406	0.339496	0.564975	131.8313	38.77883	0.500391	73.5	0
1780.946	1112.946	327.0674	20.13321	0.388367	0.686264	480.8841	1247.479	0.333477	0.557403	150.5853	41.65072	0.537611	81.8	0
1781.099	1113.099	327.0729	20.13287	0.374982	0.782762	480.7852	1252.584	0.320423	0.537295	196.3499	49.60329	0.640279	100	0.1
1781.251	1113.251	327.0784	20.07383	0.360585	0.889001	480.9226	1241.965	0.306414	0.512074	250.4856	61.16168	0.791754	100	0.6
1781.404	1113.404	327.0839	19.99701	0.375788	0.78234	481.5359	1238.151	0.321262	0.53511	198.2065	49.95732	0.649149	100	0.1
1781.556	1113.556	327.0894	20.07744	0.385603	0.724224	482.6316	1245.154	0.330879	0.54781	167.4103	44.41022	0.574817	89.1	0
1781.708	1113.708	327.0949	20.0192	0.378486	0.760211	483.3662	1264.258	0.323949	0.536588	192.4588	48.86987	0.634347	100	0
1781.861	1113.861	327.1004	19.96365	0.349258	0.952687	483.2674	1270.903	0.295504	0.493788	290.7777	72.05406	0.937843	100	1.1
1782.013	1114.013	327.1059	19.99577	0.351747	0.929543	482.9288	1265.896	0.297948	0.508212	267.4984	65.44559	0.850501	100	0.8
1782.166	1114.166	327.1114	20.04318	0.351954	0.905595	482.3541	1245.087	0.298176	0.514913	257.9376	62.99061	0.816715	100	0.7
1782.318	1114.318	327.1169	20.10234	0.345162	0.916242	482.1337	1226.996	0.291604	0.502987	283.4644	69.86666	0.903274	100	1
1782.47	1114.47	327.1224	20.16357	0.339476	0.91372	482.0314	1214.411	0.286115	0.48955	309.5823	78.30396	1.009365	100	1.4
1782.623	1114.623	327.1279	20.20632	0.361557	0.779725	482.3494	1205.968	0.307597	0.524112	232.2424	56.95487	0.73266	100	0.4
1782.775	1114.775	327.1334	20.23338	0.379347	0.695521	483.3235	1214.878	0.324973	0.55185	169.9837	44.84843	0.576178	90.2	0
1782.928	1114.928	327.1389	20.10981	0.374105	0.750556	485.243	1222.835	0.319881	0.543312	188.7941	48.18948	0.622827	100	0
1783.08	1115.08	327.1444	19.99081	0.352084	0.892974	487.297	1229.411	0.298459	0.504637	271.7278	66.57465	0.865466	100	0.9
1783.232	1115.232	327.1499	19.97351	0.345791	0.934235	488.3336	1231.433	0.292373	0.494542	294.0576	73.0743	0.950778	100	1.2
1783.385	1115.385	327.1554	19.95308	0.352484	0.884533	488.3528	1231.421	0.2989	0.505634	269.7429	66.04129	0.860143	100	0.8
1783.537	1115.537	327.1609	19.88584	0.344578	0.923372	487.3579	1233.078	0.291247	0.491388	299.9636	74.98033	0.979812	100	1.3
1783.69	1115.69	327.1664	19.71817	0.352139	0.860234	485.116	1233.545	0.298617	0.504275	272.0084	66.65055	0.878225	100	0.9
1783.842	1115.842	327.1719	19.65039	0.35343	0.839265	482.6277	1229.364	0.299899	0.50704	266.425	65.16343	0.861543	100	0.8
1783.994	1115.994	327.1774	19.5902	0.358273	0.80016	480.4907	1221.697	0.304635	0.515783	247.8226	60.52458	0.802633	100	0.6
1784.147	1116.147	327.1829	19.51593	0.367685	0.752445	479.2628	1210.621	0.313829	0.530464	214.8765	53.2592	0.70893	100	0.3
1784.299	1116.299	327.1884	19.45104	0.358959	0.793117	478.9211	1217.145	0.305355	0.512826	250.9093	61.26382	0.818158	100	0.6
1784.452	1116.452	327.1939	19.31621	0.346643	0.85402	479.2948	1224.503	0.293409	0.489547	299.5207	74.83413	1.006246	100	1.3
1784.604	1116.604	327.1994	19.35798	0.333808	0.92999	480.9253	1236.318	0.280989	0.467917	346.5111	95.17784	1.277101	100	2.2
1784.756	1116.756	327.2049	19.41118	0.360368	0.801383	483.4552	1241.338	0.306805	0.519831	239.2425	58.52669	0.783212	100	0.5
1784.909	1116.909	327.2104	19.35099	0.367099	0.780601	485.4961	1243.941	0.313388	0.533593	211.1672	52.5047	0.70478	100	0.3
1785.061	1117.061	327.2159	19.38031	0.364812	0.817308	480.6284	1221.14	0.311185	0.530864	217.9718	53.89788	0.722416	100	0.3
1785.214	1117.214	327.2214	19.38194	0.335514	1.016189	466.6208	1175.367	0.282746	0.487366	317.246	81.18724	1.088112	100	1.7
1785.366	1117.366	327.2269	19.43974	0.294819	1.433419	443.5091	1100.762	0.24351	0.428166	453.0864	307.3911	4.107843	100	12.6
1785.518	1117.518	327.2324	19.40632	0.280668	1.275353	425.8945	1004.86	0.229966	0.405563	502.9708	424.2038	5.678536	100	18.8
1785.671	1117.671	327.2379	19.40291	0.291737	0.854974	417.7122	933.2911	0.240603	0.415451	474.6459	361.2598	4.836846	100	15
1785.823	1117.823	327.2434	19.41429	0.325652	0.646347	420.8721	912.3382	0.273305	0.469302	355.2028	100.7534	1.348213	100	2.4
1785.976	1117.976	327.2489	19.45091	0.306276	0.834161	430.5797	938.5966	0.254633	0.440346	420.9291	215.5325	2.878818	100	7.8
1786.128	1118.128	327.2544	19.50358	0.306819	0.929514	442.8502	990.8725	0.255182	0.451339	405.0005	166.6123	2.219536	100	5.7
1786.28	1118.28	327.2599	19.57598	0.312468	0.970306	454.7729	1047.914	0.260652	0.463392	380.8197	124.5243	1.652864	100	3.7
1786.433	1118.433	327.2654	19.6421	0.322519	0.970014	464.1883	1105.125	0.270381	0.47249	354.838	100.5008	1.329605	100	2.6
1786.585	1118.585	327.2709	19.70731	0.335337	0.935019	469.9607	1141.525	0.282809	0.48894	314.9865	80.31261	1.059088	100	1.6
1786.738	1118.738	327.2764	19.76863	0.345067	0.920916	472.356	1169.805	0.292271	0.503709	281.5487	69.31201	0.911257	100	1.1
1786.89	1118.89	327.2819	19.75571	0.354728	0.880517	472.8019	1185.514	0.301683	0.522764	242.263	59.22077	0.779095	100	0.6
1787.042	1119.042	327.2874	19.81656	0.328545	1.109661	473.182	1199.033	0.276312	0.475495	342.5077	92.88509	1.218317	100	2.2
1787.195	1119.195	327.2929	19.87509	0.320212	1.244777	474.0316	1215.068	0.268282	0.458291	377.3288	120.3949	1.574614	100	3.5
1787.347	1119.347	327.2984	19.82167	0.312773	1.360444	475.9018	1224.404	0.261129	0.442678	408.7474	176.1366	2.309755	100	6
1787.5	1119.5	327.304	19.82718	0.327766	1.199673	477.7064	1237.11	0.275636	0.471788	348.5543	96.41031	1.263943	100	2.4
1787.652	1119.652	327.3094	19.79494	0.326391	1.213766	480.3544	1255.151	0.274333	0.469235	353.8771	99.84359	1.311059	100	2.6
1787.804	1119.804	327.3149	19.79736	0.338624	1.108381	481.3318	1280.004	0.286203	0.492698	305.1163	76.72397	1.007365	100	1.5
1787.957	1119.957	327.3204	19.77849	0.352714	1.007391	482.0041	1298.161	0.299908	0.516213	253.7538	61.95523	0.814227	100	0.8

1788.109	1120.109	327.3259	19.77702	0.364429	0.91514	482.3843	1294.746	0.311334	0.533315	214.3842	53.1584	0.698678	100	0.3
1788.262	1120.262	327.3315	19.98061	0.379896	0.8345	483.0567	1290.334	0.32645	0.55645	161.5986	43.4366	0.565213	91.7	0
1788.414	1120.414	327.3369	20.17348	0.391449	0.794081	484.5692	1292.09	0.337773	0.573158	122.9159	37.48443	0.483207	75.2	0
1788.566	1120.566	327.3424	20.11304	0.372623	0.923567	487.6963	1307.736	0.319401	0.538969	195.4491	49.43249	0.639109	100	0.1
1788.719	1120.719	327.348	20.14149	0.35419	1.09905	491.6997	1340.199	0.301473	0.502813	270.086	66.13303	0.85386	100	0.9
1788.871	1120.871	327.3534	20.17509	0.35439	1.162032	495.2502	1381.076	0.301693	0.501753	271.244	66.44406	0.85649	100	0.9
1789.024	1121.024	327.359	20.3511	0.343422	1.315263	498.0625	1422.309	0.291066	0.481562	313.7741	79.85204	1.020641	100	1.6
1789.176	1121.176	327.3645	20.48855	0.350894	1.266301	499.7619	1457.012	0.298347	0.493988	286.5771	70.78366	0.89882	100	1.1
1789.328	1121.328	327.3699	20.57381	0.339386	1.377057	501.5139	1474.954	0.287203	0.46886	336.6342	89.78053	1.135451	100	2
1789.481	1121.481	327.3755	20.59459	0.348735	1.317041	502.2453	1475.419	0.296302	0.484027	303.1453	76.04746	0.960836	100	1.3
1789.633	1121.633	327.381	20.55931	0.345099	1.379511	502.0871	1465.855	0.292797	0.478491	315.6221	80.55647	1.019523	100	1.6
1789.786	1121.786	327.3865	20.60294	0.348307	1.312406	500.9184	1445.161	0.295938	0.489575	295.9928	73.68869	0.930691	100	1.3
1789.938	1121.938	327.392	20.63494	0.335343	1.333751	497.8952	1429.69	0.283388	0.471176	338.7014	90.84075	1.145602	100	2
1790.09	1122.09	327.3974	20.66557	0.337534	1.20756	495.0395	1411.932	0.285537	0.475526	329.7325	86.46581	1.088868	100	1.8
1790.243	1122.243	327.403	20.66777	0.322461	1.3336	491.4354	1377.953	0.270976	0.445996	390.5784	138.2449	1.740767	100	4
1790.395	1122.395	327.4085	20.62384	0.334942	1.189886	489.5347	1338.444	0.283078	0.468629	342.6453	92.96137	1.173007	100	2
1790.548	1122.548	327.414	20.68723	0.345528	1.099977	488.1853	1305.505	0.29337	0.490767	297.8907	74.30071	0.934755	100	1.2
1790.7	1122.7	327.4195	20.61869	0.360539	0.958122	488.0797	1291.524	0.307989	0.519061	238.6722	58.39676	0.737062	100	0.5
1790.852	1122.852	327.425	20.71198	0.368789	0.892222	488.5781	1289.468	0.316053	0.534008	206.9161	51.65418	0.649106	100	0.2
1791.005	1123.005	327.4305	20.71993	0.366222	0.894187	488.5974	1290.524	0.313576	0.530448	215.2469	53.33519	0.669988	100	0.2
1791.157	1123.157	327.436	20.67676	0.355606	0.949879	488.6165	1292.062	0.303267	0.512366	254.4267	62.12025	0.781943	100	0.6
1791.31	1123.31	327.4415	20.66458	0.364255	0.85893	488.6357	1293.474	0.311712	0.524247	226.3766	55.67525	0.701228	100	0.3
1791.462	1123.462	327.447	20.6425	0.37401	0.803149	488.8911	1292.63	0.32125	0.536501	196.304	49.59459	0.625302	100	0.1
1791.614	1123.614	327.4525	20.62296	0.393159	0.733383	489.3894	1285.32	0.339995	0.567631	127.4768	38.14109	0.481344	73.7	0
1791.767	1123.767	327.458	20.69623	0.379016	0.845935	489.2905	1272.459	0.326189	0.54533	177.3028	46.11911	0.580026	95.5	0
1791.919	1123.919	327.4635	20.67471	0.365788	0.935078	488.6533	1258.208	0.31331	0.525604	222.2995	54.80503	0.689974	100	0.3
1792.072	1124.072	327.469	20.67199	0.349723	0.989685	487.2449	1258.671	0.297704	0.496647	283.7955	69.96325	0.880935	100	1
1792.224	1124.224	327.4745	20.75051	0.354407	0.920019	486.5419	1277.243	0.302283	0.503148	268.506	65.71206	0.824366	100	0.8
1792.376	1124.376	327.48	20.70907	0.358504	0.882911	486.5611	1294.097	0.306294	0.507524	256.9305	62.73931	0.788618	100	0.6
1792.529	1124.529	327.4855	20.70976	0.369315	0.834943	486.8167	1302.751	0.316851	0.531039	209.9115	52.25192	0.656781	100	0.2
1792.681	1124.681	327.491	20.75758	0.366674	0.858998	486.419	1284.742	0.314303	0.531641	212.5974	52.79423	0.662117	100	0.2
1792.834	1124.834	327.4965	20.71226	0.341718	1.02681	485.4897	1264.52	0.290063	0.496012	295.2164	73.44105	0.923034	100	1.2
1792.986	1124.986	327.502	20.72103	0.340637	1.032512	483.2378	1260.127	0.289041	0.494797	298.3038	74.43522	0.935156	100	1.2
1793.138	1125.138	327.5075	20.70096	0.338302	1.053796	482.7186	1273.972	0.286803	0.49345	303.2514	76.08358	0.95678	100	1.3
1793.291	1125.291	327.513	20.81972	0.34789	1.001554	483.0957	1286.2	0.296131	0.509812	267.7977	65.52458	0.819428	100	0.8
1793.443	1125.443	327.5185	20.78372	0.316607	1.280389	485.0248	1292.654	0.26587	0.454079	386.4712	132.0384	1.654034	100	3.8
1793.596	1125.596	327.524	20.78698	0.285684	1.747498	487.0657	1296.681	0.236152	0.39066	514.9988	448.5965	5.618747	100	18.5
1793.748	1125.748	327.5295	20.7201	0.328452	1.210428	488.6404	1306.929	0.277367	0.472702	344.9045	94.23905	1.184088	100	2.2
1793.9	1125.9	327.535	20.78588	0.337243	1.133728	489.3193	1324.239	0.285906	0.490806	308.1376	77.78537	0.974351	100	1.4
1794.053	1126.053	327.5405	20.83696	0.370659	0.868295	490.113	1333.858	0.318422	0.546854	185.9191	47.66264	0.595611	100	0
1794.205	1126.205	327.546	20.88278	0.373931	0.850072	491.504	1334.582	0.321641	0.547316	180.8396	46.74635	0.58292	97.7	0
1794.358	1126.358	327.5515	20.768	0.388718	0.770106	492.2388	1330.642	0.336116	0.569655	130.0357	38.51457	0.482863	75.8	0
1794.51	1126.51	327.557	20.65473	0.371364	0.871237	492.2611	1323.459	0.319188	0.544412	188.2312	48.08586	0.606089	100	0
1794.662	1126.662	327.5625	20.60702	0.358393	0.94753	491.6206	1330.599	0.306577	0.526479	230.3837	56.54579	0.714339	100	0.4
1794.815	1126.815	327.568	20.72113	0.350794	0.989815	491.2262	1335.219	0.299213	0.514056	257.6884	62.9283	0.790711	100	0.7
1794.967	1126.967	327.5735	20.78612	0.34714	1.05028	490.7662	1340.82	0.295689	0.500254	281.5987	69.32639	0.868462	100	1
1795.12	1127.12	327.579	20.87929	0.363062	0.922715	490.6673	1343.181	0.3112	0.523886	227.5812	55.93534	0.697674	100	0.4
1795.272	1127.272	327.5845	20.90487	0.354692	0.976957	490.3254	1343.652	0.30308	0.508621	259.8529	63.47223	0.790748	100	0.7
1795.424	1127.424	327.59	20.80916	0.342692	1.05144	490.3478	1342.674	0.291449	0.489702	302.0111	75.66361	0.946865	100	1.3
1795.577	1127.577	327.5955	20.85802	0.365671	0.893405	491.1974	1341.353	0.31382	0.530832	214.3809	53.15772	0.663714	100	0.2
1795.729	1127.729	327.601	21.01528	0.373113	0.833722	492.0566	1342.523	0.321102	0.544391	185.6195	47.60808	0.590099	98.8	0
1795.882	1127.882	327.6065	21.04333	0.350074	0.958223	492.4304	1345.361	0.298696	0.504479	271.6196	66.54541	0.823768	100	0.8
1796.034	1128.034	327.612	21.03537	0.315099	1.219679	491.7964	1347.615	0.264856	0.441747	404.8879	166.3421	2.059939	100	5.1
1796.186	1128.186	327.6175	20.88159	0.340984	0.978458	489.7215	1342.46	0.289923	0.488573	305.6762	76.91838	0.959378	100	1.3
1796.339	1128.339	327.623	20.79813	0.335727	1.004568	485.9338	1328.165	0.284853	0.487603	314.0103	79.94132	1.000992	100	1.5
1796.491	1128.491	327.6285	20.76685	0.327665	1.043277	482.008	1305.679	0.277074	0.480629	334.371	88.65704	1.11177	100	1.9
1796.644	1128.644	327.634	20.73866	0.311828	1.162249	479.6479	1294.964	0.261805	0.454361	391.6906	140.0475	1.758563	100	4.2
1796.796	1128.796	327.6395	20.69344	0.30388	1.217233	480.0739	1292.516	0.254175	0.433318	431.2598	246.6948	3.104362	100	8.8
1796.948	1128.948	327.645	20.74136	0.311919	1.136661	482.6661	1296.803	0.261945	0.439004	412.6911	187.3862	2.352753	100	6.1
1797.101	1129.101	327.6505	20.62905	0.311142	1.183877	486.0132	1303.799	0.261222	0.434848	419.4227	210.0175	2.650935	100	7.1
1797.253	1129.253	327.656	20.6139	0.321299	1.110803	489.2026	1313.224	0.271049	0.453366	380.3072	123.8952	1.565002	100	3.4
1797.406	1129.406	327.6616	20.6173	0.347509	0.959283	491.7193	1329.372	0.296463	0.501002	279.4982	68.72617	0.867997	100	0.9
1797.558	1129.558	327.667	20.5132	0.36045	0.869574	492.641	1333.114	0.309072	0.522786	232.0362	56.90932	0.722321	100	0.4
1797.71	1129.71	327.6725	20.51959	0.379134	0.779775	492.0627	1327.573	0.327318	0.55232	166.099	44.18862	0.560701	90.4	0
1797.863	1129.863	327.6781	20.59868	0.369626	0.828596	490.0013	1305.109	0.318065	0.535131	202.5905	50.8039	0.642234	100	0.1
1798.015	1130.015	327.6835	20.6363	0.350072	0.944027	487.5688	1286.163	0.299056	0.504403	271.2263	66.4393	0.838405	100	0.8
1798.168	1130.168	327.6891	20.64262	0.327216	1.077682	483.9024	1265.462	0.276925	0.473854	343.925	93.67915	1.181811	100	2.1
1798.32	1130.32	327.6946	20.6289	0.307558	1.211246	480.4492	1251.526	0.257976	0.450477	402.3354	160.4514	2.025517	100	5.1
1798.472	1130.472	327.7	20.62364	0.304903	1.167008	478.3777	1235.611	0.255445	0.448509	408.5446	175.5933	2.217247	100	5.8
1798.625	1130.625	327.7056	20.5079	0.322563	0.997529	477.7405	1220.722	0.272504	0.477344	345.2096	94.41536	1.198779	100	2.2
1798.777	1130.777	327.711	20.49757	0.325454	0.965176	478.1174	1218.877	0.275324	0.47784	340.6327	91.8625	1.166955	100	2
1798.93	1130.93	327.7166	20.50547	0.33827	0.912368	479.2656	1229.915	0.287759	0.500477	292.2347	72.5041	0.920706	100	1.1
1799.082	1131.082	327.7221	20.58348	0.338903	0.923454	480.9585	1238.874	0.288398	0.499796	292.292	72.52189	0.917538	100	1.1
1799.234	1131.234	327.7275	20.66175	0.35098	0.879421	482.4117	1249.631	0.300146	0.516799	252.6162	61.67752	0.777463	100	0.6
1799.387	1131.387	327.7331	20.66369	0.346478	0.930602	483.7404	1262.569	0.2958	0.501786	279.3315	68.67889	0.86565	100	0.9
1799.539	1131.539	327.7386	20.58925	0.358371	0.851893	484.6555	1282.87	0.307386	0.515378	244.5866	59.76147	0.755918	100	0.5
1799.692	1131.692	327.7441	20.65908	0.347204	0.908479	486.4601	1295.572	0.296556	0.49429	288.6321	71.40026	0.90017	100	1
1799.844	1131.844	327.7496	20.68251	0.349767	0.878218	487.2011	1302.629	0.299071	0.50242	273.9426	67.17733	0.846006	100	0.8
1799.996	1131.996	327.7551	20.64149	0.339528	0.954562	487.217	1304.049	0.28916	0.490329	304.306	76.44437	0.964589	100	1.3
1800.149	1132.149	327.7606	20.50326	0.326483	1.068177	485.9924	1301.657	0.276553	0.470751	348.7213	96.51301	1.225846	100	2.2

1800.301	1132.301	327.7661	20.40779	0.317103	1.126863	483.8585	1293.631	0.267516	0.455315	382.4935	126.6368	1.615827	100	3.6
1800.454	1132.454	327.7716	20.28152	0.320904	1.066089	481.6198	1282.915	0.271213	0.460123	370.7565	113.5114	1.457181	100	3
1800.606	1132.606	327.7771	20.16599	0.342362	0.866714	480.2572	1266.515	0.292012	0.495641	293.0397	72.75489	0.939221	100	1.1
1800.758	1132.758	327.7826	20.15726	0.34713	0.831634	481.0508	1263.264	0.296666	0.502196	277.5706	68.18257	0.88058	100	0.9
1800.911	1132.911	327.7881	20.10415	0.346275	0.828651	482.8554	1269.431	0.295861	0.501028	280.2935	68.95244	0.892836	100	1
1801.063	1133.063	327.7936	20.0548	0.327459	0.971061	483.9542	1286.252	0.277652	0.469452	348.9959	96.68259	1.254933	100	2.3
1801.216	1133.216	327.7991	19.93305	0.308479	1.113759	484.3902	1291.588	0.259356	0.43828	417.2631	202.2388	2.640775	100	7.1
1801.368	1133.368	327.8046	19.92974	0.302222	1.163063	483.5166	1285.984	0.253357	0.430619	436.1134	260.7752	3.405727	100	9.8
1801.52	1133.52	327.8101	19.88269	0.299761	1.187253	482.2196	1268.165	0.251016	0.426564	444.939	285.5083	3.737435	100	11
1801.673	1133.673	327.8156	19.8813	0.3195	1.045191	480.2763	1258.509	0.270064	0.463872	367.1693	110.1768	1.442383	100	3
1801.825	1133.825	327.8211	19.89286	0.313959	1.115393	481.9003	1251.782	0.264742	0.459689	380.2855	123.8688	1.620731	100	3.7
1801.978	1133.978	327.8266	19.89188	0.309843	1.174907	484.0002	1243.681	0.260799	0.45892	386.7882	132.4936	1.733687	100	4.1
1802.13	1134.13	327.8321	19.93601	0.313841	1.14553	484.2654	1225.278	0.26468	0.46793	368.9981	111.8429	1.460317	100	3.2
1802.282	1134.282	327.8376	19.84618	0.308934	1.211682	480.9992	1212.439	0.259975	0.458887	387.9698	134.2243	1.760343	100	4.2
1802.435	1134.435	327.8431	19.81629	0.31511	1.198515	478.0483	1201.851	0.265956	0.468668	366.2196	109.3381	1.436102	100	3.1
1802.587	1134.587	327.8486	19.79616	0.324292	1.115035	477.0435	1202.512	0.274849	0.478826	339.9284	91.48626	1.20284	100	2.2
1802.74	1134.74	327.8541	19.7717	0.317784	1.180277	476.5867	1203.204	0.268588	0.462918	370.5219	113.2848	1.491269	100	3.2
1802.892	1134.892	327.8596	19.87565	0.314799	1.201592	477.4395	1205.452	0.265733	0.452789	388.4391	134.927	1.767084	100	4.2
1803.044	1135.044	327.8651	19.82028	0.328863	1.049033	477.7572	1207.226	0.279347	0.480331	331.6445	87.35178	1.147158	100	2
1803.197	1135.197	327.8706	19.72112	0.33639	0.977086	478.0751	1210.535	0.286662	0.494103	302.5447	75.84373	1.00095	100	1.4
1803.349	1135.349	327.8761	19.65315	0.323373	1.075228	477.976	1212.312	0.27409	0.473963	347.6866	95.88147	1.269708	100	2.4
1803.502	1135.502	327.8816	19.63226	0.316115	1.118672	477.4602	1212.294	0.267106	0.466123	368.144	111.0562	1.472214	100	3.2
1803.654	1135.654	327.8871	19.61342	0.307974	1.175596	476.1665	1209.767	0.259283	0.456234	392.5859	141.5387	1.878099	100	4.6
1803.806	1135.806	327.8926	19.56619	0.283704	1.441603	473.8522	1202.931	0.235993	0.413372	483.8777	382.6844	5.089994	100	16.6
1803.959	1135.959	327.8981	19.58721	0.302484	1.270092	471.2557	1192.562	0.25405	0.445895	414.0762	191.6679	2.546678	100	7
1804.111	1136.111	327.9036	19.63837	0.289216	1.426446	468.8823	1176.402	0.241328	0.4155	473.5769	358.7183	4.754147	100	15.1
1804.264	1136.264	327.9091	19.56749	0.3058	1.239047	468.1859	1167.471	0.257293	0.440528	417.0074	201.3517	2.678066	100	7.3
1804.416	1136.416	327.9146	19.52647	0.319538	1.098888	469.4554	1167.648	0.270566	0.459125	373.0257	115.7675	1.542955	100	3.3
1804.568	1136.568	327.9201	19.48235	0.332433	1.003025	471.447	1177.569	0.283061	0.47988	327.1416	85.30126	1.139443	100	1.9
1804.721	1136.721	327.9256	19.47788	0.329415	1.046537	473.3106	1199.776	0.280166	0.477815	333.9865	88.46987	1.182051	100	2.1
1804.873	1136.873	327.9311	19.49294	0.331441	1.032385	474.5276	1218.305	0.282152	0.486837	318.7948	81.79962	1.092115	100	1.8
1805.026	1137.026	327.9366	19.49894	0.340524	0.967181	475.7347	1239.206	0.290979	0.502702	284.7201	70.23417	0.937433	100	1.2
1805.178	1137.178	327.9421	19.55015	0.339336	0.993127	477.5458	1249.403	0.289853	0.498296	292.3537	72.54106	0.965747	100	1.3
1805.33	1137.33	327.9476	19.65373	0.325445	1.123695	479.7178	1257.266	0.276428	0.479211	337.2183	90.07674	1.193015	100	2.2
1805.483	1137.483	327.9531	19.74418	0.316505	1.236513	481.2794	1258.908	0.267819	0.473465	357.0285	102.0456	1.345481	100	2.8
1805.635	1137.635	327.9586	19.81515	0.317106	1.201297	482.4997	1259.249	0.268425	0.475774	353.0052	99.25764	1.304143	100	2.7
1805.788	1137.788	327.9641	19.8838	0.326943	1.123152	483.2902	1259.824	0.277955	0.483372	329.3689	86.29992	1.130071	100	2
1805.94	1137.94	327.9696	19.95428	0.342126	0.991953	483.9098	1266.244	0.292688	0.500216	285.7921	70.55048	0.920652	100	1.1
1806.092	1138.092	327.9751	20.03177	0.350569	0.959736	484.7034	1277.218	0.300911	0.514239	255.092	62.28397	0.80971	100	0.7
1806.245	1138.245	327.9806	20.11661	0.337314	1.05752	486.1502	1292.899	0.288074	0.492536	302.7586	75.91616	0.982871	100	1.4
1806.397	1138.397	327.9861	20.09037	0.320888	1.215605	487.6068	1300.67	0.272206	0.462811	365.6765	108.8664	1.411292	100	2.9
1806.55	1138.55	327.9917	20.19555	0.329716	1.115144	488.161	1304.809	0.280767	0.477381	333.7562	88.35824	1.139612	100	2
1806.702	1138.702	327.9971	20.28057	0.34133	1.014783	487.8845	1302.301	0.292045	0.496935	291.2076	72.18632	0.927228	100	1.2
1806.854	1138.854	328.0026	20.40791	0.346073	0.981628	486.709	1296.162	0.296673	0.502953	276.5154	67.88785	0.866708	100	1
1807.007	1139.007	328.0082	20.49028	0.369803	0.854049	487.621	1280.449	0.319789	0.540231	193.172	49.00344	0.623167	100	0.1
1807.159	1139.159	328.0136	20.545	0.363449	0.918816	488.8936	1270.255	0.313622	0.527758	218.8949	54.08997	0.686071	100	0.3
1807.312	1139.312	328.0192	20.5847	0.372978	0.891343	490.5767	1269.274	0.322939	0.544907	182.3735	47.02111	0.595296	100	0
1807.464	1139.464	328.0247	20.54132	0.362948	0.969814	491.0816	1276.87	0.313187	0.52813	218.983	54.10833	0.686442	100	0.3
1807.616	1139.616	328.0301	20.54099	0.364972	0.939981	490.8019	1294.3	0.315184	0.527527	217.0588	53.70862	0.681391	100	0.3
1807.769	1139.769	328.0357	20.54235	0.365967	0.916611	489.8103	1304.85	0.316179	0.525863	217.9823	53.90006	0.683785	100	0.3
1807.921	1139.921	328.0411	20.53331	0.366422	0.893892	488.1555	1305.815	0.316648	0.523585	220.4782	54.42121	0.690702	100	0.3
1808.074	1140.074	328.0467	20.49071	0.355529	0.984907	485.9167	1296.641	0.306068	0.503693	262.53	64.15374	0.815889	100	0.8
1808.226	1140.226	328.0522	20.35412	0.33726	1.086325	485.2105	1279.646	0.288357	0.464471	341.0979	92.11333	1.179166	100	2
1808.378	1140.378	328.0576	20.38822	0.337769	1.030154	485.2886	1269.221	0.288876	0.463855	341.2318	92.18585	1.178182	100	2
1808.531	1140.531	328.0632	20.4455	0.328107	1.034073	485.1306	1262.775	0.279546	0.44933	374.1519	116.9327	1.490388	100	3
1808.683	1140.683	328.0687	20.48685	0.344737	0.869171	482.5832	1256.173	0.295686	0.493722	290.6175	72.00488	0.915954	100	1.1
1808.836	1140.836	328.0742	20.55418	0.335472	0.90858	478.5591	1244.978	0.286727	0.487375	311.7388	79.09208	1.002904	100	1.4
1808.988	1140.988	328.0797	20.69729	0.335805	0.855927	474.8695	1222.744	0.287076	0.493667	302.5751	75.854	0.955366	100	1.3
1809.14	1141.14	328.0852	20.77967	0.355339	0.733692	472.9128	1202.02	0.306064	0.524889	233.2849	57.18579	0.717468	100	0.4
1809.293	1141.293	328.0907	20.80776	0.346835	0.771327	472.2757	1178.8	0.297826	0.506376	270.2004	66.16366	0.829025	100	0.8
1809.445	1141.445	328.0962	20.81031	0.338813	0.847793	472.7707	1168.218	0.290068	0.488359	305.7707	76.9513	0.964091	100	1.3
1809.598	1141.598	328.1017	20.84131	0.33519	0.85464	472.4944	1164.63	0.286584	0.480816	320.9884	82.68586	1.034448	100	1.5
1809.75	1141.75	328.1072	20.75171	0.324262	0.87357	471.0825	1161.611	0.276034	0.466636	355.1153	100.6927	1.265043	100	2.3
1809.902	1141.902	328.1127	20.65317	0.305131	0.985681	468.2889	1153.079	0.257604	0.437481	420.7835	215.0813	2.714767	100	7.4
1810.055	1142.055	328.1182	20.55946	0.314174	0.930275	465.5776	1134.529	0.266344	0.462588	374.0738	116.8509	1.481479	100	3.2
1810.207	1142.207	328.1237	20.54704	0.313714	0.930893	463.6176	1122.154	0.265925	0.466695	368.9833	111.8291	1.418666	100	3
1810.36	1142.36	328.1292	20.51987	0.310508	0.93288	463.1018	1120.706	0.26286	0.46005	382.3843	126.4962	1.60683	100	3.6
1810.512	1142.512	328.1347	20.49219	0.312344	0.915825	463.9546	1131.406	0.264656	0.45975	380.3193	123.91	1.576075	100	3.5
1810.664	1142.664	328.1402	20.4368	0.311366	0.933287	468.0431	1156.375	0.263739	0.452246	391.9399	140.459	1.791324	100	4.2
1810.817	1142.817	328.1457	20.38699	0.338294	0.784125	474.8953	1184.05	0.289797	0.495302	296.5631	73.87161	0.944373	100	1.2
1810.969	1142.969	328.1512	20.32998	0.351092	0.754336	483.8837	1224.546	0.302244	0.510132	258.9204	63.23714	0.810649	100	0.7
1811.122	1143.122	328.1567	20.26771	0.361751	0.752031	490.795	1267.437	0.31264	0.526495	221.9948	54.74061	0.703848	100	0.3
1811.274	1143.274	328.1622	20.19177	0.320719	1.095651	494.0598	1297.847	0.272868	0.466583	359.5584	103.9158	1.34107	100	2.7
1811.426	1143.426	328.1677	20.12385	0.306796	1.253243	493.2485	1303.706	0.259465	0.460221	386.8337	132.5593	1.716396	100	4.2
1811.579	1143.579	328.1732	20.19271	0.307349	1.28121	491.1836	1288.217	0.260023	0.46942	373.3696	116.12	1.498541	100	3.5
1811.731	1143.731	328.1787	20.26671	0.326416	1.046994	487.6779	1276.458	0.278451	0.491869	316.959	81.07491	1.042557	100	1.7
1811.884	1143.884	328.1842	20.2673	0.341636	0.94182	486.509	1270.851	0.293218	0.50335	280.7357	69.0788	0.888283	100	1
1812.036	1144.036	328.1897	20.22652	0.341044	0.9267	486.5215	1270.444	0.29267	0.490545	299.164	74.71676	0.962689	100	1.3
1812.188	1144.188	328.1952	20.29752	0.364269	0.819525	487.1412	1270.05	0.315272	0.529232	214.5852	53.19952	0.683114	100	0.3
1812.341	1144.341	328.2007	20.27719	0.357495	0.848923	488.5254	1263.727	0.308703	0.517307	240.1056	58.72404	0.754801	100	0.5

1812.493	1144.493	328.2062	20.2927	0.343032	0.913932	488.5479	1252.706	0.294675	0.495006	290.2408	71.88946	0.923343	100	1.1
1812.646	1144.646	328.2117	20.32515	0.329639	0.958818	488.0321	1235.448	0.281723	0.475412	335.1534	89.04121	1.141869	100	1.9
1812.798	1144.798	328.2172	20.39778	0.323987	0.941204	486.2625	1231.536	0.276283	0.471363	348.2478	96.22259	1.229684	100	2.2
1812.95	1144.95	328.2227	20.4711	0.343565	0.809094	484.9064	1242.53	0.29527	0.507653	271.9653	66.63889	0.848647	100	0.9
1813.103	1145.103	328.2282	20.54791	0.332593	0.899341	484.9255	1270.536	0.284661	0.486483	315.8222	80.63359	1.023134	100	1.5
1813.255	1145.255	328.2337	20.62312	0.327021	0.998011	485.3023	1293.991	0.279293	0.472542	342.467	92.86256	1.174123	100	2.1
1813.408	1145.408	328.2392	20.69958	0.326248	1.043581	485.8564	1298.009	0.278572	0.467192	350.8469	97.84782	1.232711	100	2.3
1813.56	1145.56	328.2447	20.76461	0.341708	0.959006	484.5659	1280.008	0.293572	0.495551	291.0111	72.12581	0.905895	100	1.1
1813.712	1145.712	328.2502	20.83168	0.346641	0.896804	483.1508	1263.476	0.298385	0.507318	268.1306	65.61258	0.821512	100	0.8
1813.865	1145.865	328.2557	20.80567	0.340635	0.928279	482.7563	1251.553	0.292582	0.500168	286.0049	70.61356	0.885217	100	1
1814.017	1146.017	328.2612	20.84135	0.343365	0.90639	483.55	1263.673	0.295256	0.504579	276.2288	67.80813	0.84864	100	0.9
1814.17	1146.17	328.2667	20.8431	0.362616	0.829071	484.9935	1279.338	0.313997	0.53618	206.756	51.62245	0.646027	100	0.2
1814.322	1146.322	328.2722	20.76731	0.363815	0.847913	485.7345	1297.962	0.31519	0.535434	206.1389	51.50029	0.6468	100	0.2
1814.474	1146.474	328.2777	20.76904	0.360377	0.89299	486.0522	1301.299	0.311868	0.528517	220.2697	54.37745	0.682888	100	0.3
1814.627	1146.627	328.2832	20.77078	0.343971	0.982823	486.1895	1296.162	0.295947	0.501054	280.1388	68.90834	0.865312	100	1
1814.779	1146.779	328.2887	20.77252	0.374222	0.778019	486.448	1301.732	0.325414	0.553715	166.802	44.30728	0.556348	91.3	0
1814.932	1146.932	328.2942	20.74511	0.36949	0.818078	486.7068	1320.609	0.320824	0.546472	183.1321	47.15761	0.592909	99.8	0
1815.084	1147.084	328.2997	20.80631	0.377412	0.795359	486.6077	1337.694	0.32858	0.55905	155.071	42.36894	0.53118	86.9	0
1815.236	1147.236	328.3052	20.88057	0.354524	1.02389	486.1475	1338.539	0.306302	0.521194	238.0558	58.25668	0.727842	100	0.5
1815.389	1147.389	328.3107	20.90816	0.353955	1.087875	486.9413	1343.265	0.305774	0.519132	241.6304	59.07459	0.737121	100	0.6
1815.541	1147.541	328.3162	20.90991	0.345535	1.19557	488.7522	1366.884	0.297619	0.503652	274.2466	67.2607	0.839208	100	1
1815.694	1147.694	328.3218	20.91166	0.351481	1.184425	491.7414	1392.532	0.30342	0.514336	251.4964	61.40573	0.766103	100	0.7
1815.846	1147.846	328.3272	20.91341	0.351889	1.26019	493.5623	1420.87	0.303843	0.518703	244.886	59.83156	0.746413	100	0.7
1815.998	1147.998	328.3327	20.94329	0.333918	1.610655	492.9216	1406.996	0.286432	0.492018	305.7397	76.94048	0.958528	100	1.6
1816.151	1148.151	328.3383	20.9739	0.320268	1.955759	488.3034	1373.543	0.273256	0.472009	351.535	98.29113	1.22279	100	2.6
1816.303	1148.303	328.3437	21.03624	0.309256	2.255175	479.599	1320.329	0.262657	0.456588	387.4418	133.4442	1.65534	100	4.3
1816.456	1148.456	328.3493	21.10781	0.310419	1.999124	468.801	1261.821	0.263804	0.461795	378.6739	121.9436	1.507703	100	3.7
1816.608	1148.608	328.3547	21.15673	0.30387	1.71017	460.4938	1199.482	0.257522	0.452758	399.8139	155.046	1.912688	100	5
1816.76	1148.76	328.3602	21.2317	0.31232	1.125327	457.5821	1161.037	0.265688	0.46789	367.6624	110.6193	1.359956	100	2.9
1816.913	1148.913	328.3658	21.16284	0.320813	0.864508	459.8592	1156.375	0.27391	0.480368	339.0971	91.04755	1.1229	100	1.9
1817.065	1149.065	328.3712	21.09399	0.323202	0.83626	464.4761	1182.711	0.276244	0.481025	334.9693	88.95043	1.100536	100	1.8
1817.218	1149.218	328.3768	21.07416	0.318919	0.895248	468.5977	1215.729	0.272132	0.47149	353.8011	99.7921	1.235822	100	2.3
1817.37	1149.37	328.3823	21.05847	0.32717	0.86564	471.9675	1240.024	0.280132	0.486555	321.9717	83.0906	1.029751	100	1.6
1817.522	1149.522	328.3877	20.98832	0.350268	0.721855	474.2642	1244.219	0.30255	0.525417	237.4065	58.10956	0.722512	100	0.4
1817.675	1149.675	328.3933	21.01288	0.354305	0.7002	477.493	1250.014	0.306499	0.531913	222.9917	54.9517	0.68248	100	0.3
1817.827	1149.827	328.3988	21.01464	0.367427	0.632829	481.877	1268.859	0.3193	0.551761	177.936	46.23076	0.574129	92.5	0
1817.98	1149.98	328.4043	21.01639	0.362874	0.710284	486.947	1295.697	0.31489	0.544418	194.1558	49.18833	0.610817	100	0
1818.132	1150.132	328.4098	21.01815	0.34838	0.967589	491.1603	1335.843	0.300818	0.517438	250.8073	61.23921	0.760412	100	0.6
1818.284	1150.284	328.4153	21.0199	0.354888	1.112955	493.3913	1375.617	0.307169	0.527458	228.2153	56.0728	0.696213	100	0.5
1818.437	1150.437	328.4208	21.05879	0.366077	1.101216	494.838	1412.826	0.318087	0.546724	186.5608	47.77971	0.592184	100	0.1
1818.589	1150.589	328.4263	21.022	0.381338	1.007582	496.0549	1442.844	0.333006	0.572098	130.9577	38.65004	0.479854	82.6	0
1818.742	1150.742	328.4318	21.10271	0.367331	1.133545	498.4536	1480.289	0.319361	0.546108	185.6535	47.61426	0.588953	100	0.1
1818.894	1150.894	328.4373	21.07175	0.389319	1.018194	499.7295	1519.703	0.340861	0.5782	111.6964	35.91702	0.444908	75.2	0
1819.046	1151.046	328.4428	21.03568	0.390271	1.091229	501.8424	1554.478	0.341819	0.578141	110.4555	35.74775	0.443557	76.3	0
1819.199	1151.199	328.4483	20.9833	0.362051	1.425903	504.0013	1569.918	0.314294	0.53122	213.1916	52.91504	0.658174	100	0.5
1819.351	1151.351	328.4538	21.00148	0.360872	1.495992	505.5792	1570.046	0.313171	0.530434	215.8248	53.45399	0.664325	100	0.5
1819.504	1151.504	328.4593	21.00644	0.37641	1.307843	506.2514	1560.392	0.328346	0.557851	157.0477	42.68941	0.530428	100	0
1819.656	1151.656	328.4648	21.00798	0.379751	1.270335	506.3918	1544.117	0.331634	0.564478	143.3645	40.52036	0.503448	93.7	0
1819.808	1151.808	328.4703	20.91916	0.368968	1.327204	506.4108	1535.821	0.321136	0.549479	178.5516	46.33958	0.578139	100	0.2
1819.961	1151.961	328.4758	20.82285	0.354741	1.457641	506.43	1530.568	0.307308	0.526616	229.1846	56.28367	0.705379	100	0.6
1820.113	1152.113	328.4813	20.90256	0.342457	1.61972	506.6885	1528.73	0.295402	0.50787	271.4844	66.5089	0.830438	100	1.1
1820.266	1152.266	328.4868	20.92024	0.35398	1.465303	507.1835	1525.019	0.306619	0.526324	230.5391	56.57986	0.70589	100	0.7
1820.418	1152.418	328.4923	20.92199	0.349013	1.45608	508.1576	1514.481	0.301818	0.51973	246.2642	60.15558	0.750449	100	0.8
1820.57	1152.57	328.4978	20.8346	0.362921	1.238401	508.2948	1489.414	0.315371	0.544923	192.7946	48.93271	0.612947	100	0.3
1820.723	1152.723	328.5033	20.83634	0.351667	1.3675	506.768	1435.066	0.304448	0.527022	232.5713	57.0276	0.714298	100	0.7
1820.875	1152.875	328.5088	20.74583	0.348783	1.332959	502.3073	1372.014	0.301671	0.521206	244.4295	59.72471	0.751274	100	0.8
1821.028	1153.028	328.5143	20.8258	0.326556	1.433638	494.8961	1304.946	0.280153	0.4798	331.2654	87.17425	1.092467	100	2
1821.18	1153.18	328.5198	20.76679	0.314949	1.411811	487.2616	1258.893	0.268967	0.459194	375.1384	117.9794	1.482635	100	3.3
1821.332	1153.332	328.5253	20.72558	0.310559	1.280618	481.6555	1237.308	0.26476	0.456008	385.3407	130.4458	1.642501	100	3.9
1821.485	1153.485	328.5308	20.68943	0.321167	1.095628	479.5348	1235.733	0.275021	0.481654	335.7888	89.35644	1.12706	100	2
1821.637	1153.637	328.5363	20.62616	0.315674	1.133353	480.4432	1245.128	0.269743	0.477843	348.3312	96.27354	1.217959	100	2.4
1821.79	1153.79	328.5418	20.59536	0.315794	1.191635	482.1262	1264.834	0.269884	0.481356	343.2882	93.32009	1.182335	100	2.3
1821.942	1153.942	328.5473	20.56925	0.318721	1.169639	482.9263	1277.751	0.272735	0.486289	332.5463	87.77792	1.113511	100	2
1822.094	1154.094	328.5528	20.57096	0.323452	1.116866	482.8862	1288.721	0.277331	0.495608	313.3435	79.68992	1.010842	100	1.6
1822.247	1154.247	328.5583	20.53119	0.319131	1.137896	481.9536	1289.168	0.273183	0.485875	332.5002	87.75601	1.115279	100	2
1822.399	1154.399	328.5638	20.48299	0.322882	1.0893	481.1357	1291.409	0.276832	0.492879	317.7991	81.4047	1.036954	100	1.7
1822.552	1154.552	328.5693	20.48643	0.288805	1.407835	480.144	1268.914	0.244047	0.434341	443.8244	282.4449	3.597315	100	11.1
1822.704	1154.704	328.5748	20.55	0.293332	1.311904	480.3369	1262.957	0.248417	0.443518	425.1296	228.4037	2.900271	100	8.5
1822.856	1154.856	328.5803	20.55176	0.294442	1.27012	481.9148	1249.316	0.249508	0.445322	421.1358	216.1725	2.744766	100	7.9
1823.009	1155.009	328.5858	20.55353	0.319174	1.050584	484.6645	1252.852	0.273353	0.483665	335.3159	89.12152	1.131505	100	2
1823.161	1155.161	328.5913	20.55529	0.323854	1.059378	487.1974	1270.496	0.277899	0.490315	319.865	82.22915	1.043925	100	1.7
1823.314	1155.314	328.5968	20.55705	0.316409	1.149975	487.991	1291.983	0.270734	0.476597	348.6821	96.48888	1.22487	100	2.4
1823.466	1155.466	328.6023	20.55882	0.333148	1.039815	487.8919	1318.868	0.286942	0.506846	284.5735	70.19111	0.890972	100	1.2
1823.618	1155.618	328.6078	20.56058	0.339099	1.03264	487.6713	1333.54	0.292734	0.517498	261.8803	63.98743	0.812169	100	0.9
1823.771	1155.771	328.6133	20.46469	0.339319	1.068953	486.8601	1335.535	0.292973	0.51912	259.3117	63.33563	0.807587	100	0.9
1823.923	1155.923	328.6188	20.52623	0.326587	1.202294	485.8026	1324.887	0.280669	0.500751	301.6404	75.539	0.960382	100	1.5
1824.076	1156.076	328.6243	20.41296	0.332081	1.155265	484.6303	1303.702	0.286011	0.510142	281.3098	69.24335	0.885127	100	1.2
1824.228	1156.228	328.6298	20.43651	0.334143	1.15183	484.8232	1295.843	0.288034	0.512103	275.8119	67.69243	0.864339	100	1.1
1824.38	1156.38	328.6353	20.47609	0.355296	1.002382	487.3003	1299.996	0.30859	0.545601	201.2161	50.53688	0.644075	100	0.3
1824.533	1156.533	328.6408	20.46506	0.344412	1.142131	492.4885	1313.757	0.298041	0.525907	242.9511	59.38026	0.75719	100	0.7

1824.685	1156.685	328.6463	20.37996	0.328491	1.410948	499.1961	1316.62	0.282639	0.495711	305.8764	76.98815	0.985739	100	1.6
1824.838	1156.838	328.6519	20.37852	0.310443	1.786696	498.6868	1294.487	0.265236	0.457966	381.9817	125.9812	1.613168	100	4
1824.99	1156.99	328.6573	20.34991	0.301792	1.817675	482.9492	1244.799	0.256931	0.446261	409.5955	178.444	2.288117	100	6.4
1825.142	1157.142	328.6628	20.36415	0.238104	2.87384	444.6847	1151.988	0.196151	0.343264	635.6069	639.092	8.189329	100	33.6
1825.295	1157.295	328.6683	20.35674	0.192882	3.432823	404.6479	1019.887	0.153647	0.277906	784.4571	802.0716	10.28155	100	52.7
1825.447	1157.447	328.6738	20.16716	0.173293	2.896447	386.6853	910.7117	0.135446	0.259723	834.6657	849.8956	10.99497	100	62.9
1825.6	1157.6	328.6794	20.15307	0.214762	1.189787	406.9472	849.4634	0.1742	0.333256	679.7106	692.4901	8.964892	100	40.5
1825.752	1157.752	328.6848	20.15479	0.291849	0.629129	440.7962	902.8445	0.247504	0.447387	421.0506	215.9086	2.79493	100	7.9
1825.904	1157.904	328.6903	20.24529	0.332929	0.792148	471.4388	1019.692	0.287139	0.492899	303.5477	76.18459	0.981904	100	1.3
1826.057	1158.057	328.6959	20.24703	0.334089	1.214372	485.557	1164.912	0.288288	0.48525	312.5174	79.38091	1.023027	100	1.6
1826.209	1158.209	328.7013	20.34146	0.316966	1.634612	488.4148	1237.434	0.271758	0.442059	394.9325	145.6274	1.868281	100	4.6
1826.362	1158.362	328.7069	20.26453	0.309255	1.655842	486.4713	1239.782	0.264347	0.417784	438.6602	268.0258	3.451372	100	9.9
1826.514	1158.514	328.7124	20.32729	0.300741	1.4794	484.9937	1186.619	0.256175	0.397646	477.7267	368.5131	4.731074	100	14.4
1826.666	1158.666	328.7178	20.37239	0.316944	1.12546	486.5651	1130.036	0.271813	0.437687	400.8899	157.3045	2.015171	100	4.9
1826.819	1158.819	328.7234	20.41253	0.345974	0.852213	490.2107	1107.642	0.299941	0.49533	282.5256	69.59395	0.88984	100	1
1826.971	1158.971	328.7289	20.48051	0.346861	0.887073	491.7918	1111.134	0.300828	0.497795	277.9	68.27499	0.870154	100	0.9
1827.124	1159.124	328.7344	20.51556	0.332871	0.985232	493.3567	1136.069	0.287288	0.477106	325.1372	84.4271	1.074227	100	1.7
1827.276	1159.276	328.7399	20.45888	0.329196	0.926363	492.844	1161.754	0.283756	0.47675	330.5027	86.81989	1.107678	100	1.8
1827.428	1159.428	328.7454	20.30983	0.340826	0.83686	490.3458	1173.195	0.295047	0.491701	294.2878	73.14688	0.939945	100	1.2
1827.581	1159.581	328.7509	20.25017	0.322539	1.076691	484.7232	1157.367	0.277369	0.444057	384.4316	129.1988	1.665028	100	3.7
1827.733	1159.733	328.7564	20.19042	0.306706	1.175035	476.7901	1115.395	0.262121	0.401631	464.0218	335.4157	4.335196	100	12.7
1827.886	1159.886	328.7619	20.2206	0.305151	1.129706	471.5778	1090.405	0.260649	0.408432	456.6689	316.7376	4.087856	100	11.9
1828.038	1160.038	328.7674	20.22228	0.299182	1.005939	470.563	1107.921	0.254932	0.413582	457.4516	318.7579	4.113651	100	12.2
1828.19	1160.19	328.7729	20.22396	0.301112	1.13873	477.5724	1159.805	0.256813	0.428129	434.7798	256.9409	3.315661	100	9.5
1828.343	1160.343	328.7784	20.22564	0.304691	1.392008	484.0699	1227.052	0.260283	0.438415	415.7962	197.2441	2.545138	100	7
1828.495	1160.495	328.7839	20.22732	0.320174	1.405455	487.9847	1284.226	0.275238	0.465567	357.6888	102.5246	1.322836	100	2.8
1828.648	1160.648	328.7894	20.229	0.311932	1.669627	491.7451	1327.227	0.26731	0.449758	390.447	138.0355	1.780899	100	4.4
1828.8	1160.8	328.7949	20.23068	0.323064	1.546443	496.5457	1350.719	0.278081	0.465397	354.0015	99.92794	1.289157	100	2.7
1828.952	1160.952	328.8004	20.11085	0.323857	1.599013	499.5579	1365.516	0.278872	0.46365	355.3195	100.8347	1.308464	100	2.7
1829.105	1161.105	328.8059	20.04655	0.324347	1.675231	501.0045	1358.708	0.279372	0.465172	352.5294	98.94192	1.287955	100	2.7
1829.257	1161.257	328.8114	19.90934	0.307013	2.131013	501.2664	1352.215	0.262672	0.440703	409.3424	177.7492	2.329477	100	6.5
1829.41	1161.41	328.8169	19.81987	0.304052	2.293019	499.441	1334.234	0.259846	0.441428	412.2424	186.0376	2.448932	100	7
1829.562	1161.562	328.8224	19.72446	0.305718	2.178565	492.4236	1305.773	0.261476	0.442856	408.0231	174.2116	2.304178	100	6.4
1829.714	1161.714	328.8279	19.65071	0.291841	2.256414	476.9486	1243.387	0.24816	0.423087	453.6793	308.9492	4.101378	100	13
1829.867	1161.867	328.8334	19.64176	0.248651	3.144578	458.6611	1162.409	0.206944	0.362059	594.7757	583.4269	7.748711	100	30.4
1830.019	1162.019	328.8389	19.58837	0.224722	3.187199	445.2111	1060.262	0.184321	0.340039	656.3833	664.9865	8.855705	100	38.7
1830.172	1162.172	328.8444	19.51811	0.228492	2.357007	441.3673	977.3804	0.187905	0.362576	620.3361	619.0819	8.273669	100	35.3
1830.324	1162.324	328.8499	19.47432	0.24977	1.568243	444.5895	965.2103	0.208083	0.403261	536.3454	488.9109	6.548543	100	25
1830.476	1162.476	328.8554	19.47828	0.248587	1.877581	448.3137	994.7141	0.206985	0.404522	536.1209	488.5052	6.54189	100	25.2
1830.629	1162.629	328.8609	19.50139	0.252143	2.029437	449.8753	1039.224	0.21039	0.405345	530.2861	477.8308	6.391575	100	24.3
1830.781	1162.781	328.8664	19.53743	0.273253	1.52458	450.8526	1071.556	0.230536	0.429675	468.9094	347.4684	4.639452	100	15.7
1830.934	1162.934	328.8719	19.53905	0.294759	1.186257	453.3691	1086.145	0.251166	0.457789	401.6425	158.9265	2.121867	100	5.7
1831.086	1163.086	328.8774	19.47615	0.296371	1.198488	457.3297	1093.438	0.25274	0.45703	400.5171	156.5142	2.096323	100	5.6
1831.238	1163.238	328.8829	19.47776	0.295272	1.273764	461.4773	1102.138	0.25171	0.453154	407.2874	172.2987	2.307581	100	6.4
1831.391	1163.391	328.8884	19.47938	0.295595	1.287972	465.0048	1113.884	0.252045	0.451189	409.5371	178.2832	2.38757	100	6.7
1831.543	1163.543	328.8939	19.481	0.287265	1.373798	467.7181	1131.661	0.244075	0.433111	445.4832	286.9976	3.843211	100	12
1831.696	1163.696	328.8994	19.40956	0.284957	1.360195	469.4011	1141.615	0.241889	0.429552	453.411	308.2447	4.142731	100	13.2
1831.848	1163.848	328.9049	19.41117	0.288609	1.295535	470.0798	1147.934	0.245416	0.437752	437.2282	263.9604	3.54732	100	10.9
1832	1164	328.9104	19.32123	0.282084	1.360411	469.741	1150.184	0.239188	0.427538	459.9184	325.0746	4.388692	100	14.2
1832.153	1164.153	328.9159	19.23027	0.298705	1.14097	468.4539	1152.53	0.255162	0.45625	398.2516	151.8884	2.060157	100	5.4
1832.305	1164.305	328.9214	19.23187	0.303948	1.050521	467.8722	1147.487	0.26023	0.461447	384.0863	128.7329	1.745965	100	4.2
1832.458	1164.458	328.9269	19.15943	0.320332	0.887545	467.6517	1136.522	0.276053	0.484781	330.0494	86.61103	1.179069	100	2.1
1832.61	1164.61	328.9324	19.26604	0.284651	1.171519	468.0283	1120.833	0.241749	0.414614	474.2199	360.2485	4.877542	100	15.7
1832.762	1164.762	328.9379	19.40659	0.306926	0.946004	467.9292	1120.441	0.263173	0.459134	383.2161	127.577	1.715025	100	4
1832.915	1164.915	328.9434	19.5047	0.304697	0.981058	467.6494	1134.421	0.261053	0.462644	381.2977	125.1185	1.673676	100	3.9
1833.067	1165.067	328.9489	19.61168	0.308353	0.948542	466.3557	1145.173	0.264599	0.475282	358.9638	103.4676	1.376656	100	2.9
1833.22	1165.22	328.9544	19.61331	0.299814	1.01614	463.8182	1148.943	0.256406	0.461067	389.8885	137.1539	1.824734	100	4.6
1833.372	1165.372	328.9599	19.61493	0.306939	0.936054	461.205	1143.441	0.263288	0.46983	368.2974	111.1965	1.479289	100	3.2
1833.524	1165.524	328.9654	19.56806	0.29507	0.986968	458.8347	1132.888	0.251897	0.446085	416.7855	200.5876	2.674812	100	7.5
1833.677	1165.677	328.9709	19.51841	0.314352	0.817213	458.6142	1116.677	0.270484	0.472927	354.0934	99.99043	1.336713	100	2.6
1833.829	1165.829	328.9764	19.46575	0.30429	0.86571	460.7204	1112.307	0.260813	0.450218	398.7768	152.9343	2.049954	100	5.1
1833.982	1165.982	328.982	19.46751	0.310567	0.829087	462.2853	1118.456	0.266885	0.455325	383.3496	127.7528	1.712289	100	3.9
1834.134	1166.134	328.9874	19.46928	0.310036	0.842675	462.6685	1137.269	0.266399	0.455572	383.68	128.19	1.718019	100	3.9
1834.286	1166.286	328.9929	19.59975	0.3051	0.891821	461.6734	1151.119	0.26167	0.45638	389.0913	135.9183	1.809697	100	4.3
1834.439	1166.439	328.9984	19.73372	0.288758	0.996317	460.501	1157.387	0.245991	0.444755	426.7708	233.3574	3.086376	100	9.2
1834.591	1166.591	329.0039	19.86436	0.259431	1.208043	461.2946	1157.964	0.217985	0.410854	512.2029	443.0404	5.821878	100	21.1
1834.744	1166.744	329.0095	20.00346	0.258223	1.195527	465.2946	1155.79	0.216861	0.411877	512.3421	443.3187	5.785869	100	21
1834.896	1166.896	329.0149	20.0483	0.280736	0.999375	472.5993	1159.68	0.23838	0.439963	443.8864	282.6157	3.680452	100	11.6
1835.048	1167.048	329.0204	20.06981	0.302996	0.863504	479.0804	1169.694	0.259772	0.463295	382.1677	126.2185	1.642015	100	3.8
1835.201	1167.201	329.026	20.07001	0.293501	0.931651	484.2094	1181.894	0.25067	0.438143	429.4381	241.3192	3.139407	100	9.1
1835.353	1167.353	329.0314	20.16736	0.299559	0.872545	485.0193	1182.377	0.256516	0.446489	409.8524	179.1548	2.319692	100	6.2
1835.506	1167.506	329.037	20.25046	0.286376	0.994013	488.4843	1170.337	0.243885	0.417932	466.693	342.0379	4.410954	100	13.9
1835.658	1167.658	329.0425	20.33634	0.295224	0.946483	486.3109	1160.597	0.252401	0.425238	444.8591	285.2893	3.663954	100	10.9
1835.81	1167.81	329.0479	20.48783	0.291466	0.977492	481.3709	1153.505	0.248818	0.419373	457.8964	319.9025	4.078815	100	12.5
1835.963	1167.963	329.0535	20.58025	0.285325	0.971448	474.1926	1145.742	0.242954	0.421293	463.3391	333.7095	4.236228	100	13.3
1836.115	1168.115	329.059	20.66493	0.254162	1.178043	467.0931	1130.408	0.213225	0.387925	550.4136	513.6129	6.493956	100	24.2
1836.268	1168.268	329.0645	20.58233	0.250091	1.239534	465.0905	1101.945	0.209381	0.398618	540.9618	497.1705	6.310803	100	23.9
1836.42	1168.42	329.07	20.52418	0.260259	1.147725	465.7559	1072.506	0.219079	0.421842	495.5286	408.4468	5.199026	100	18.6
1836.572	1168.572	329.0754	20.45975	0.286087	0.963271	468.7647	1058.106	0.243786	0.459811	409.0361	176.9155	2.258883	100	6.4
1836.725	1168.725	329.081	20.39774	0.295442	0.888765	472.1149	1060.925	0.252789	0.466417	387.4959	133.5236	1.709943	100	4.2

1836.877	1168.877	329.0865	20.42562	0.306991	0.828603	472.4981	1079.515	0.263923	0.47516	360.0648	104.3018	1.333953	100	2.7
1837.03	1169.03	329.092	20.51158	0.288126	0.969555	469.9016	1108.961	0.245817	0.435547	439.7184	271.011	3.451892	100	10.5
1837.182	1169.182	329.0975	20.46309	0.305336	0.83636	463.5371	1133.23	0.26238	0.462172	380.1195	123.6669	1.578828	100	3.6
1837.334	1169.334	329.103	20.65634	0.290309	0.957833	462.7749	1141.946	0.247962	0.437501	434.0618	254.8658	3.224091	100	9.6
1837.487	1169.487	329.1085	20.67229	0.310665	0.801701	465.5836	1142.862	0.267564	0.474152	356.4323	101.6186	1.284538	100	2.5
1837.639	1169.639	329.114	20.75985	0.321783	0.82429	470.2071	1143.784	0.278318	0.497196	309.7903	78.37922	0.986704	100	1.5
1837.792	1169.792	329.1195	20.71004	0.303805	1.012158	471.9491	1169.306	0.261008	0.476406	362.3681	106.1098	1.338956	100	2.9
1837.944	1169.944	329.125	20.60945	0.2955	1.186791	470.4845	1203.357	0.253048	0.473352	377.568	120.6665	1.529924	100	3.7
1838.096	1170.096	329.1305	20.69669	0.316694	1.007301	466.6211	1230.324	0.27348	0.508019	301.5307	75.5022	0.953357	100	1.5
1838.249	1170.249	329.136	20.78448	0.337672	0.858805	464.9761	1233.86	0.293796	0.534241	237.3083	58.08734	0.730445	100	0.6
1838.401	1170.401	329.1415	20.78636	0.334551	0.861298	466.7213	1214.735	0.290798	0.520731	260.0898	63.53215	0.798853	100	0.8
1838.554	1170.554	329.147	20.74953	0.340284	0.862605	470.0681	1201.628	0.296379	0.525739	245.477	59.97026	0.755383	100	0.6
1838.706	1170.706	329.1525	20.78763	0.329111	1.006384	473.2575	1192.483	0.285582	0.501126	294.3437	73.16453	0.91994	100	1.3
1838.858	1170.858	329.158	20.76421	0.332734	1.002927	474.2379	1207.595	0.289114	0.501777	288.5715	71.38195	0.898527	100	1.2
1839.011	1171.011	329.1635	20.81455	0.308603	1.171579	475.0316	1219.696	0.265831	0.457048	382.4267	126.5507	1.589227	100	3.7
1839.163	1171.163	329.169	20.86506	0.289676	1.312724	475.8873	1231.621	0.247659	0.422167	455.6405	314.0715	3.934846	100	12.2
1839.316	1171.316	329.1745	20.89326	0.291569	1.295212	477.2717	1227.903	0.249501	0.42568	448.2498	294.5076	3.684927	100	11.3
1839.468	1171.468	329.18	20.85133	0.30419	1.15726	479.5617	1234.524	0.261657	0.445988	403.4496	162.9688	2.043122	100	5.3
1839.62	1171.62	329.1855	20.91512	0.322319	1.015384	481.612	1256.978	0.279167	0.479998	332.3527	87.68597	1.09605	100	1.9
1839.773	1171.773	329.191	20.99619	0.303744	1.204695	482.2842	1284.044	0.261278	0.44875	400.1604	155.7657	1.939718	100	5
1839.925	1171.925	329.1965	21.07711	0.307694	1.170311	481.1741	1299.11	0.265107	0.459902	379.4873	122.9056	1.524805	100	3.5
1840.078	1172.078	329.202	21.00887	0.30964	1.13807	478.6957	1297.055	0.267008	0.467599	366.2436	109.3591	1.36106	100	2.9
1840.23	1172.23	329.2075	21.0834	0.302514	1.187406	477.2738	1285.094	0.260171	0.45937	387.0338	132.8489	1.647729	100	4
1840.382	1172.382	329.213	21.14704	0.304995	1.140523	477.2927	1269.645	0.262585	0.469038	370.3614	113.1306	1.399062	100	3.1
1840.535	1172.535	329.2185	21.30978	0.28917	1.303998	478.8574	1271.988	0.247401	0.440403	430.8303	245.4321	3.012659	100	9
1840.687	1172.687	329.224	21.4313	0.298884	1.250796	480.9079	1291.408	0.256756	0.452638	401.0368	157.6185	1.924096	100	5
1840.84	1172.84	329.2295	21.42425	0.309134	1.195906	482.5909	1313.84	0.266647	0.462824	373.3306	116.0798	1.417494	100	3.2
1840.992	1172.992	329.235	21.41398	0.327776	1.040565	483.8701	1332.971	0.28467	0.492968	306.8594	77.33261	0.94479	100	1.4
1841.144	1173.144	329.2405	21.3106	0.332706	0.998268	485.0245	1335.69	0.289467	0.503	286.3961	70.72977	0.868214	100	1.1
1841.297	1173.297	329.246	21.39279	0.317894	1.112999	486.1134	1328.16	0.275171	0.479103	339.1016	91.04994	1.113479	100	2
1841.449	1173.449	329.2515	21.2786	0.31103	1.172436	488.3443	1330.252	0.268575	0.466973	364.9438	108.2387	1.330621	100	2.8
1841.602	1173.602	329.257	21.24704	0.314166	1.134844	490.979	1345.549	0.271625	0.469291	357.5362	102.4133	1.260846	100	2.6
1841.754	1173.754	329.2625	21.45696	0.318921	1.094969	494.5227	1356.298	0.276239	0.475417	342.7142	92.9996	1.134055	100	2.1
1841.906	1173.906	329.268	21.52228	0.307045	1.242821	495.9167	1357.205	0.264812	0.452461	390.1635	137.5864	1.672821	100	4
1842.059	1174.059	329.2735	21.58565	0.306711	1.282043	494.8069	1341.005	0.264515	0.45707	384.2117	128.9017	1.562774	100	3.7
1842.211	1174.211	329.279	21.56227	0.324595	1.095466	491.4847	1310.638	0.281797	0.496277	306.2576	77.12134	0.935999	100	1.4
1842.364	1174.364	329.2845	21.52543	0.302918	1.18943	489.4788	1280.151	0.260915	0.473826	366.0587	109.1978	1.327525	100	3
1842.516	1174.516	329.29	21.52931	0.283299	1.268709	488.9529	1270.932	0.242103	0.451898	422.2792	219.7	2.670473	100	8
1842.668	1174.668	329.2955	21.39921	0.282335	1.322018	489.7497	1291.603	0.241205	0.446835	430.5062	244.4771	2.989263	100	9.2
1842.821	1174.821	329.301	21.57232	0.307152	1.203193	490.3627	1340.502	0.265066	0.475226	358.3972	103.0455	1.25013	100	2.6
1842.973	1174.973	329.3065	21.52541	0.305796	1.396807	491.8749	1402.561	0.263786	0.457744	384.2894	129.0065	1.568423	100	3.8
1843.126	1175.126	329.312	21.73362	0.303383	1.487907	490.0527	1427.131	0.261488	0.450102	398.0055	151.4038	1.823596	100	4.7
1843.278	1175.278	329.3175	21.91714	0.308449	1.479065	484.5186	1417.89	0.266392	0.462188	374.5597	117.3624	1.402099	100	3.2
1843.43	1175.43	329.323	21.75929	0.326871	1.230577	482.145	1398.493	0.2842	0.49492	304.8143	76.61949	0.921815	100	1.4
1843.583	1175.583	329.3285	21.6163	0.323063	1.196552	482.5217	1380.139	0.280544	0.488667	318.4888	81.67779	0.989003	100	1.6
1843.735	1175.735	329.334	21.54861	0.329564	1.09852	484.8674	1371.702	0.286856	0.507179	284.2324	70.09105	0.851308	100	1.1
1843.888	1175.888	329.3396	21.48907	0.283071	1.521817	486.6718	1366.075	0.242112	0.45597	416.6466	200.1118	2.437091	100	7.3
1844.04	1176.04	329.345	21.35202	0.247277	1.967424	486.7564	1333.965	0.208002	0.42638	504.5533	427.4873	5.238816	100	20.1
1844.192	1176.192	329.3505	21.2724	0.249107	1.800379	487.5531	1314.172	0.209764	0.43879	484.9952	385.2158	4.738056	100	17.8
1844.345	1176.345	329.3561	21.19598	0.285644	1.203924	489.177	1299.979	0.244654	0.475898	385.6384	130.8606	1.615228	100	4.2
1844.497	1176.497	329.3615	21.16331	0.316897	0.997475	493.8529	1321.151	0.27474	0.499014	312.2189	79.2699	0.979923	100	1.6
1844.65	1176.65	329.3671	21.16678	0.326782	0.940601	497.797	1354.276	0.284317	0.491372	309.5489	78.29189	0.967691	100	1.4
1844.802	1176.802	329.3726	21.23406	0.329425	0.966261	499.0828	1387.972	0.286898	0.490569	307.0947	77.41554	0.953916	100	1.4
1844.954	1176.954	329.378	21.19798	0.330104	1.00852	496.2923	1403.508	0.287581	0.488975	308.3526	77.86209	0.961023	100	1.4
1845.107	1177.107	329.3836	21.15128	0.321949	1.13117	492.7472	1408.938	0.27972	0.476462	336.4677	89.69661	1.109489	100	2
1845.259	1177.259	329.389	21.0393	0.317297	1.174243	490.308	1409.63	0.275253	0.469649	352.0348	98.61673	1.226174	100	2.4
1845.412	1177.412	329.3946	21.0797	0.308285	1.259297	489.6739	1411.019	0.266588	0.452745	387.3218	133.2685	1.653948	100	4
1845.564	1177.564	329.4001	21.10703	0.314892	1.241204	490.6445	1407.051	0.272983	0.465594	360.7644	104.8418	1.299528	100	2.7
1845.716	1177.716	329.4055	21.13501	0.290956	1.530255	492.8195	1392.164	0.249975	0.424362	449.4138	297.6365	3.684528	100	11.4
1845.869	1177.869	329.4111	21.07742	0.302106	1.352821	497.3545	1363.244	0.260715	0.44451	406.7901	171.029	2.122887	100	5.7
1846.021	1178.021	329.4166	21.03002	0.278177	1.691126	500.0121	1334.133	0.237782	0.393085	509.4049	437.412	5.441359	100	18.4
1846.174	1178.174	329.4221	21.04041	0.290104	1.561932	501.2191	1325.775	0.249234	0.410841	469.0968	347.925	4.32612	100	13.6
1846.326	1178.326	329.4276	21.02224	0.28385	1.591694	501.7794	1341.193	0.243264	0.40405	486.7079	389.07	4.841864	100	15.8
1846.478	1178.478	329.4331	21.06233	0.27447	1.763564	501.6178	1374.24	0.234312	0.401247	502.9291	424.1171	5.26828	100	18
1846.631	1178.631	329.4386	21.01157	0.25536	1.975845	501.8764	1379.912	0.216113	0.37745	560.884	531.1331	6.613246	100	24.8
1846.783	1178.783	329.4441	21.08739	0.24282	2.137487	505.7746	1361.152	0.204228	0.34612	620.5203	619.3287	7.684433	100	30.6
1846.936	1178.936	329.4496	21.17373	0.303925	1.165737	512.8661	1344.828	0.262643	0.44286	406.4067	170.0631	2.101723	100	5.5
1847.088	1179.088	329.4551	21.09575	0.319756	1.142478	519.5243	1356.399	0.27793	0.449963	375.5079	118.378	1.468266	100	3.1
1847.24	1179.24	329.4606	21.12465	0.357638	0.911657	522.7167	1398.21	0.31468	0.512569	238.3967	58.33409	0.722574	100	0.5
1847.393	1179.393	329.4661	21.09882	0.345546	1.028041	522.8572	1436.325	0.302953	0.492776	281.8941	69.41149	0.860825	100	1
1847.545	1179.545	329.4716	21.05895	0.351885	0.990137	522.4559	1454.162	0.309136	0.508455	251.7255	61.46121	0.763645	100	0.6
1847.698	1179.698	329.4771	21.05915	0.338834	1.094308	524.1389	1457.333	0.296492	0.485076	301.4362	75.47052	0.937712	100	1.3
1847.85	1179.85	329.4826	21.0663	0.31613	1.321442	527.2658	1450.033	0.274557	0.439945	393.9882	143.95	1.787993	100	4.3
1848.002	1180.002	329.4881	21.08126	0.319199	1.271999	530.2712	1434.343	0.277544	0.445366	382.3848	126.4968	1.57014	100	3.5
1848.155	1180.155	329.4936	20.96227	0.328991	1.154636	531.1238	1428.722	0.287035	0.463904	343.7051	93.55475	1.167696	100	2.1
1848.307	1180.307	329.4991	20.95858	0.329937	1.108538	529.236	1427.948	0.287975	0.46859	335.9403	89.43206	1.116445	100	1.9
1848.46	1180.46	329.5046	20.91439	0.321465	1.173611	526.3406	1435.516	0.279809	0.453179	368.4774	111.3615	1.393092	100	2.9
1848.612	1180.612	329.5101	20.90549	0.33729	1.045282	523.9078	1427.881	0.295147	0.481998	307.5403	77.57311	0.970828	100	1.4
1848.764	1180.764	329.5156	21.05037	0.324992	1.15881	522.5483	1424.128	0.283267	0.45796	357.1066	102.102	1.269237	100	2.5
1848.917	1180.917	329.5211	21.1319	0.318664	1.220047	522.0914	1420.399	0.277179	0.444231	384.4545	129.2299	1.60044	100	3.6

1849.069	1181.069	329.5266	21.21754	0.323353	1.167492	521.9888	1419.994	0.281733	0.453225	365.7578	108.9367	1.343827	100	2.7
1849.222	1181.222	329.5321	21.27751	0.3308	1.114128	522.2474	1418.766	0.288961	0.465603	338.7013	90.84068	1.117533	100	1.9
1849.374	1181.374	329.5376	21.34967	0.30956	1.314804	522.8636	1416.1	0.268473	0.416458	434.7951	256.9851	3.151089	100	8.8
1849.526	1181.526	329.5431	21.43448	0.323225	1.154734	524.136	1414.145	0.281686	0.44203	381.2727	125.0872	1.527897	100	3.3
1849.679	1181.679	329.5486	21.50871	0.332474	1.041611	525.225	1413.51	0.290658	0.457296	347.8233	95.96428	1.168246	100	2
1849.831	1181.831	329.5541	21.4782	0.331224	1.073496	526.0216	1413.706	0.289473	0.45236	356.2713	101.5041	1.237411	100	2.3
1849.984	1181.984	329.5596	21.41086	0.323231	1.153757	526.2802	1410.698	0.281767	0.432766	393.9443	143.8731	1.759316	100	4
1850.136	1182.136	329.5651	21.34796	0.308191	1.253668	526.1219	1402.78	0.26728	0.405857	451.0719	302.0624	3.704344	100	10.6
1850.288	1182.288	329.5706	21.28013	0.310524	1.204841	525.061	1387.681	0.269553	0.421547	426.2821	231.8869	2.852615	100	7.8
1850.441	1182.441	329.5761	21.20967	0.309927	1.230021	523.3012	1383.486	0.269004	0.425356	421.784	218.1749	2.692661	100	7.3
1850.593	1182.593	329.5816	21.28701	0.313429	1.243843	521.1638	1387.848	0.272404	0.431895	408.0677	174.3288	2.143931	100	5.4
1850.746	1182.746	329.5871	21.29205	0.308705	1.302555	519.1645	1403.023	0.267876	0.421364	428.8484	239.5684	2.945618	100	8.2
1850.898	1182.898	329.5926	21.23901	0.330321	1.076482	517.2076	1410.914	0.288776	0.465114	339.6325	91.32946	1.125691	100	1.9
1851.05	1183.05	329.5981	21.17755	0.352379	0.932581	515.9104	1414.817	0.310196	0.508572	250.1004	61.06902	0.754853	100	0.6
1851.203	1183.203	329.6036	21.11793	0.348159	0.989126	515.3354	1415.016	0.306121	0.504114	261.8765	63.98648	0.793103	100	0.8
1851.355	1183.355	329.6091	21.04242	0.348913	1.001205	516.306	1415.213	0.306878	0.50653	257.4974	62.8806	0.782135	100	0.7
1851.508	1183.508	329.6146	20.99615	0.341632	1.041845	517.9298	1415.412	0.299836	0.492513	286.5593	70.77836	0.882276	100	1.1
1851.66	1183.66	329.6201	21.02956	0.336896	1.047725	519.2057	1415.609	0.295269	0.483598	305.1641	76.74051	0.955125	100	1.3
1851.812	1183.812	329.6256	20.99028	0.31148	1.263041	518.8077	1415.807	0.270726	0.436826	403.5785	163.2653	2.035765	100	5.1
1851.965	1183.965	329.6311	20.92436	0.316585	1.212268	516.6868	1416.005	0.275676	0.446116	383.9277	128.5204	1.607479	100	3.6
1852.117	1184.117	329.6366	20.90827	0.311082	1.31749	514.0735	1416.203	0.270393	0.432265	410.3324	180.4974	2.259312	100	5.9
1852.27	1184.27	329.6421	20.86449	0.327428	1.196352	512.6058	1412.716	0.286203	0.461276	348.4795	96.3644	1.208696	100	2.3
1852.422	1184.422	329.6476	20.79276	0.31837	1.281009	512.6806	1405.512	0.277475	0.444346	383.8877	128.4669	1.616808	100	3.7
1852.574	1184.574	329.6531	20.67297	0.310076	1.326402	514.0121	1395.075	0.269499	0.432649	411.0355	182.4997	2.309875	100	6.1
1852.727	1184.727	329.6586	20.57522	0.30679	1.37476	515.4587	1396.226	0.266359	0.435065	412.0358	185.4228	2.357812	100	6.3
1852.879	1184.879	329.6641	20.46925	0.305665	1.401941	515.3628	1409.672	0.2653	0.439199	407.7906	173.6024	2.21872	100	5.9
1853.032	1185.032	329.6697	20.47888	0.309404	1.355794	513.7178	1417.953	0.268928	0.445801	393.6751	143.4035	1.831944	100	4.5
1853.184	1185.184	329.6751	20.39089	0.328998	1.132167	512.3582	1417.944	0.287873	0.475129	327.0567	85.26378	1.093841	100	1.9
1853.336	1185.336	329.6806	20.32535	0.322112	1.211793	513.1548	1407.386	0.281239	0.457574	360.4372	104.5883	1.34601	100	2.7
1853.489	1185.489	329.6862	20.39294	0.321433	1.210804	516.5641	1389.74	0.280609	0.449726	372.1376	114.8702	1.473553	100	3.1
1853.641	1185.641	329.6916	20.30809	0.31291	1.290066	520.6493	1380.346	0.272407	0.431134	409.113	177.1241	2.281476	100	5.9
1853.794	1185.794	329.6972	20.24257	0.308803	1.248881	522.2141	1381.02	0.268474	0.425878	421.7942	218.2064	2.819599	100	7.7
1853.946	1185.946	329.7027	20.13692	0.302796	1.279938	520.2112	1387.295	0.262715	0.423991	432.3454	249.8746	3.245461	100	9.3
1854.098	1186.098	329.7081	20.02451	0.301164	1.291505	514.5557	1399.073	0.26117	0.424645	433.5747	253.454	3.310127	100	9.6
1854.251	1186.251	329.7137	19.96836	0.320928	1.114616	510.6494	1394.87	0.280247	0.462351	355.2152	100.7621	1.31961	100	2.6
1854.403	1186.403	329.7191	19.91426	0.32516	1.103047	509.2274	1402.933	0.284362	0.474569	332.6751	87.8392	1.153453	100	2.1
1854.556	1186.556	329.7247	19.92377	0.308028	1.270029	512.8106	1395.523	0.267853	0.452385	386.0717	131.4702	1.725603	100	4.2
1854.708	1186.708	329.7302	19.92357	0.291391	1.480055	514.2735	1399.382	0.251881	0.425766	444.8473	285.2568	3.744206	100	11.5
1854.86	1186.86	329.7356	19.92117	0.277868	1.633943	517.699	1386.806	0.238947	0.402057	495.4145	408.2011	5.358647	100	18
1855.013	1187.013	329.7412	19.85613	0.277133	1.647092	518.6074	1381.177	0.23827	0.406666	489.989	396.3692	5.220137	100	17.6
1855.165	1187.165	329.7467	19.85001	0.259259	2.011971	514.6321	1375.87	0.221235	0.395204	529.3146	476.0284	6.271222	100	23.1
1855.318	1187.318	329.7522	19.85207	0.235738	2.610477	505.7932	1370.242	0.19893	0.378199	583.5617	566.814	7.466577	100	30.8
1855.47	1187.47	329.7577	19.84657	0.220923	2.846494	497.7286	1359.683	0.184967	0.37586	606.0596	599.5256	7.899739	100	35
1855.622	1187.622	329.7632	19.85643	0.21624	2.723279	496.3757	1338.009	0.180583	0.373416	615.4819	612.5293	8.067255	100	36.5
1855.775	1187.775	329.7687	19.86131	0.235258	2.116338	501.5012	1324.074	0.198553	0.39265	564.1411	536.4423	7.063549	100	29
1855.927	1187.927	329.7742	19.78146	0.253308	1.876895	507.9822	1310.38	0.215698	0.397639	533.5959	483.9173	6.397293	100	24.1
1856.08	1188.08	329.7797	19.76423	0.278432	1.618641	511.2109	1315.33	0.239688	0.415295	476.1239	364.7526	4.826156	100	16.1
1856.232	1188.232	329.7852	19.76096	0.289211	1.601023	511.8369	1325.315	0.25004	0.414094	463.4943	334.0977	4.42133	100	14
1856.384	1188.384	329.7907	19.8203	0.306721	1.452617	510.4247	1341.415	0.266896	0.43832	406.8018	171.0587	2.257099	100	6
1856.537	1188.537	329.7962	19.82394	0.309408	1.429179	508.9571	1362.433	0.26951	0.440042	400.8185	157.1526	2.073263	100	5.3
1856.689	1188.689	329.8017	19.84304	0.302	1.483838	509.7472	1375.805	0.262402	0.427573	427.8349	236.5469	3.117777	100	9
1856.842	1188.842	329.8072	19.89142	0.30861	1.386094	512.3228	1385.273	0.268791	0.433875	410.3208	180.4647	2.372941	100	6.3
1856.994	1188.994	329.8127	19.91377	0.30733	1.367303	515.9254	1394.084	0.267583	0.421447	429.1382	240.4295	3.157979	100	8.9
1857.146	1189.146	329.8182	19.97427	0.319402	1.205436	518.2186	1411.847	0.279251	0.447157	377.5578	120.6549	1.580077	100	3.5
1857.299	1189.299	329.8237	20.04016	0.31385	1.237818	517.998	1418.106	0.273918	0.449176	382.1304	126.1709	1.647002	100	3.8
1857.451	1189.451	329.8292	20.099	0.306111	1.329294	517.8396	1412.826	0.266484	0.450908	389.999	137.3274	1.787509	100	4.4
1857.604	1189.604	329.8347	20.13428	0.305024	1.402158	512.8635	1394.955	0.265463	0.448146	395.2203	146.1473	1.899068	100	4.9
1857.756	1189.756	329.8402	20.16734	0.309192	1.351184	511.7303	1389.594	0.269502	0.450658	386.1798	131.6233	1.707612	100	4.1
1857.908	1189.908	329.8457	20.22443	0.309808	1.449335	510.9746	1395.182	0.270121	0.443243	395.5582	146.7634	1.898785	100	4.8
1858.061	1190.061	329.8512	20.35395	0.29879	1.580569	512.2997	1412.835	0.259541	0.414409	449.9501	299.072	3.845225	100	11.6
1858.213	1190.213	329.8567	20.51218	0.313703	1.345838	514.232	1421.323	0.273926	0.440342	394.3092	144.5152	1.844042	100	4.5
1858.366	1190.366	329.8622	20.54414	0.312167	1.277063	516.6302	1422.232	0.27247	0.440171	396.5558	148.6164	1.893511	100	4.7
1858.518	1190.518	329.8677	20.6765	0.305224	1.301477	517.9685	1417.064	0.265806	0.441995	403.2339	162.475	2.05714	100	5.3
1858.67	1190.67	329.8732	20.75854	0.301008	1.353871	517.751	1409.861	0.261774	0.440442	410.9422	182.2315	2.298393	100	6.3
1858.823	1190.823	329.8787	20.716	0.315194	1.282952	516.8773	1417.671	0.275465	0.463794	359.8222	104.1164	1.315821	100	2.8
1858.975	1190.975	329.8842	20.80732	0.323854	1.284964	516.5942	1422.299	0.283853	0.466277	344.82	94.19041	1.185283	100	2.3
1859.128	1191.128	329.8897	20.87905	0.310229	1.460807	519.1106	1427.129	0.270728	0.432141	410.0411	179.6802	2.253515	100	5.9
1859.28	1191.28	329.8952	20.95092	0.320962	1.286531	521.0461	1426.389	0.281109	0.450102	370.929	113.6787	1.420976	100	3
1859.432	1191.432	329.9007	21.03852	0.319532	1.274892	521.6622	1426.104	0.279752	0.447461	376.4462	119.406	1.486517	100	3.2
1859.585	1191.585	329.9062	21.16826	0.321158	1.278262	521.5039	1425.824	0.281349	0.44938	371.5949	114.3311	1.41484	100	3
1859.737	1191.737	329.9117	21.30078	0.318228	1.312196	522.655	1426.018	0.278544	0.441718	386.0391	131.4241	1.616515	100	3.7
1859.89	1191.89	329.9172	21.41292	0.325925	1.175585	527.1932	1426.214	0.286005	0.455882	356.1961	101.4507	1.241488	100	2.4
1860.042	1192.042	329.9227	21.35196	0.322989	1.107385	534.0811	1421.403	0.283193	0.450174	367.9537	110.883	1.360707	100	2.7
1860.194	1192.194	329.9282	21.29104	0.309289	1.199584	543.6076	1407.813	0.269997	0.42498	420.9309	215.538	2.652401	100	7.2
1860.347	1192.347	329.9337	21.21392	0.306045	1.173619	550.0984	1376.06	0.266897	0.417443	435.6104	259.3321	3.202685	100	9
1860.499	1192.499	329.9392	21.12767	0.304549	1.072806	559.6873	1340.947	0.265482	0.405446	454.1198	310.104	3.845011	100	11.2
1860.652	1192.652	329.9447	21.02571	0.310093	0.874734	571.4752	1308.096	0.270847	0.391927	465.3722	338.7741	4.220435	100	12.1
1860.804	1192.804	329.9502	21.16639	0.321013	0.681539	584.3591	1290.866	0.281409	0.381408	465.3128	338.6269	4.191282	100	11.4
1860.956	1192.956	329.9557	21.13952	0.313862	0.570689	588.976	1288.671	0.274531	0.339117	533.1659	483.1312	5.987349	100	17.4
1861.109	1193.109	329.9612	21.11801	0.306626	0.455764	581.919	1302.903	0.267583	0.326784	559.7746	529.3099	6.566239	100	19.7

1861.261	1193.261	329.9667	21.11495	0.314129	0.423091	562.5877	1342.634	0.274839	0.381181	474.6934	361.3723	4.483618	100	12.5
1861.414	1193.414	329.9722	21.09702	0.333642	0.527327	544.1064	1399.098	0.293724	0.44929	354.6411	100.3651	1.246299	100	2
1861.566	1193.566	329.9777	21.0664	0.350394	0.68862	526.1929	1461.428	0.31	0.499554	262.8147	64.2268	0.798688	100	0.6
1861.718	1193.718	329.9832	20.98243	0.349042	0.888408	514.1835	1498.366	0.308711	0.50447	257.8094	62.95855	0.785987	100	0.7
1861.871	1193.871	329.9887	20.95986	0.3532	0.950641	504.803	1502.963	0.312778	0.515462	237.0288	58.02418	0.725157	100	0.5
1862.023	1194.023	329.9942	20.92153	0.341672	1.132732	496.8041	1475.479	0.301608	0.500215	273.4843	67.05195	0.839493	100	1
1862.176	1194.176	329.9998	20.92334	0.328295	1.186169	489.2747	1437.873	0.288674	0.491079	303.9411	76.31915	0.95545	100	1.5
1862.328	1194.328	330.0052	20.90277	0.307284	1.35339	483.1859	1399.55	0.268417	0.465211	367.5943	110.558	1.38544	100	3.1
1862.48	1194.48	330.0107	20.88434	0.290177	1.51567	478.6526	1371.703	0.251995	0.439253	426.0778	231.2707	2.900671	100	8.7
1862.633	1194.633	330.0163	20.86042	0.274167	1.833487	474.218	1339.829	0.236688	0.412409	484.2466	383.5214	4.815703	100	16.4
1862.785	1194.785	330.0217	20.86223	0.254592	2.080283	468.7329	1314.262	0.218047	0.391349	539.0327	493.7377	6.199193	100	23.3
1862.938	1194.938	330.0273	20.90533	0.242651	2.090888	464.3541	1282.6	0.206733	0.388687	558.3204	526.9082	6.602424	100	26.2
1863.09	1195.09	330.0327	20.95185	0.239336	1.971052	463.7591	1254.286	0.203617	0.391401	558.8752	527.8259	6.599659	100	26.5
1863.242	1195.242	330.0382	20.97301	0.272953	1.266043	469.6396	1249.602	0.235628	0.438891	449.1639	296.9663	3.709498	100	12.2
1863.395	1195.395	330.0438	20.97887	0.307172	1.03628	479.3467	1274.161	0.268483	0.477265	350.8673	97.8609	1.222093	100	2.5
1863.547	1195.547	330.0492	20.98063	0.332495	1.077305	490.0088	1342.08	0.292964	0.504584	279.3835	68.69364	0.857792	100	1.1
1863.7	1195.7	330.0548	20.9824	0.321238	1.411116	498.111	1420.371	0.282102	0.47981	328.562	85.93472	1.07301	100	2
1863.852	1195.852	330.0603	20.98416	0.332635	1.431253	502.6917	1489.268	0.29315	0.499906	285.5834	70.48873	0.880086	100	1.3
1864.004	1196.004	330.0657	21.00407	0.342467	1.375827	504.6862	1520.963	0.302704	0.516565	249.4081	60.90289	0.759707	100	0.9
1864.157	1196.157	330.0713	21.02299	0.344541	1.401861	505.2401	1527.937	0.304742	0.517788	244.9083	59.8368	0.745763	100	0.8
1864.309	1196.309	330.0768	20.99957	0.351864	1.342621	505.6199	1524.927	0.31188	0.531118	216.663	53.62681	0.669103	100	0.5
1864.462	1196.462	330.0823	20.88084	0.333069	1.614868	505.8751	1518.226	0.29367	0.498874	286.2893	70.69801	0.887013	100	1.4
1864.614	1196.614	330.0878	20.72537	0.342038	1.5149	506.2516	1528.997	0.302388	0.513548	254.0085	62.01761	0.783823	100	1
1864.766	1196.766	330.0933	20.69342	0.353228	1.401399	505.3745	1528.355	0.31328	0.532163	213.2888	52.93482	0.670047	100	0.5
1864.919	1196.919	330.0988	20.61662	0.375683	1.173377	504.5041	1519.277	0.335182	0.571831	128.3232	38.26421	0.48612	89	0
1865.071	1197.071	330.1043	20.44043	0.364268	1.288612	503.5644	1499.873	0.324075	0.556352	165.0107	44.00557	0.563786	100	0.1
1865.224	1197.224	330.1098	20.26208	0.353819	1.365764	503.1666	1489.253	0.31393	0.539347	202.4772	50.78183	0.656225	100	0.5
1865.376	1197.376	330.1153	20.26363	0.355913	1.371092	501.7545	1485.464	0.315991	0.542803	194.8639	49.32185	0.637319	100	0.4
1865.528	1197.528	330.1208	20.44056	0.355541	1.388533	499.3217	1485.653	0.315654	0.54323	194.7398	49.29843	0.631618	100	0.4
1865.681	1197.681	330.1263	20.4806	0.353859	1.401964	497.4994	1486.087	0.314044	0.541565	199.2604	50.15947	0.641427	100	0.4
1865.833	1197.833	330.1318	20.50785	0.316002	1.903548	497.7513	1486.279	0.277397	0.476487	339.641	91.33398	1.166452	100	2.5
1865.986	1197.986	330.1373	20.55684	0.313544	1.96128	500.9208	1485.996	0.27505	0.471036	350.4017	97.56397	1.243125	100	2.8
1866.138	1198.138	330.1428	20.40564	0.281585	2.797191	505.1864	1480.7	0.24436	0.412388	473.6883	358.9837	4.607306	100	15.5
1866.29	1198.29	330.1483	20.38803	0.298101	2.336804	507.053	1464.388	0.26023	0.444767	407.1035	171.8269	2.207175	100	6.4
1866.443	1198.443	330.1538	20.35589	0.2979	2.194105	502.9103	1425.444	0.260063	0.444295	407.9862	174.1148	2.240055	100	6.4
1866.595	1198.595	330.1593	20.27381	0.300626	1.922385	490.028	1356.801	0.262709	0.456621	387.3252	133.2733	1.721444	100	4.5
1866.748	1198.748	330.1648	20.24955	0.273457	2.288208	470.2569	1262.852	0.236685	0.423182	469.3837	348.6231	4.508393	100	15.4
1866.9	1198.9	330.1703	20.26295	0.255419	2.24342	456.4358	1158.17	0.219509	0.409796	511.5595	441.7523	5.709109	100	21.3
1867.052	1199.052	330.1758	20.23767	0.257411	1.755377	451.6105	1104.969	0.22143	0.418045	497.5251	412.7257	5.340582	100	19.6
1867.205	1199.205	330.1813	20.29858	0.276345	1.341751	458.8792	1105.638	0.23952	0.444664	435.825	259.9482	3.353818	100	10.8
1867.357	1199.357	330.1868	20.36448	0.306826	1.18331	467.3883	1141.152	0.268801	0.484855	339.9551	91.50048	1.176797	100	2.4
1867.51	1199.51	330.1923	20.36613	0.277439	1.861349	472.458	1183.78	0.240617	0.443747	435.5778	259.2385	3.333872	100	10.8
1867.662	1199.662	330.1978	20.36779	0.253462	2.611684	473.8093	1220.007	0.217773	0.42414	494.1603	405.4919	5.21438	100	19.6
1867.814	1199.814	330.2033	20.36945	0.244629	3.018142	473.5919	1237.81	0.209409	0.429874	497.7899	413.2903	5.314309	100	20.9
1867.967	1199.967	330.2088	20.3711	0.259653	2.400838	473.5517	1244.061	0.223714	0.453487	445.4629	286.9422	3.689413	100	13.2
1868.119	1200.119	330.2143	20.28616	0.27877	1.88429	474.7617	1244.511	0.24199	0.471789	394.984	145.7201	1.881341	100	5.6
1868.272	1200.272	330.2198	20.21683	0.286881	1.633355	476.8614	1242.8	0.249785	0.471517	384.6034	129.4322	1.676698	100	4.6
1868.424	1200.424	330.2253	20.22478	0.297585	1.425234	476.0532	1243.102	0.260084	0.479537	359.3223	103.7372	1.343338	100	3.2
1868.576	1200.576	330.2308	20.11768	0.304938	1.342048	474.3981	1249.858	0.267182	0.488454	337.2229	90.07906	1.172583	100	2.5
1868.729	1200.729	330.2363	20.07333	0.288193	1.567864	470.9677	1251.123	0.251117	0.468246	387.2793	133.2064	1.737768	100	4.7
1868.881	1200.881	330.2418	20.02635	0.268795	1.847109	473.1264	1255.732	0.232581	0.445624	444.0777	283.1424	3.702346	100	12.6
1869.034	1201.034	330.2473	19.9765	0.259586	1.899077	473.503	1231.795	0.223825	0.433002	473.5789	358.7229	4.702193	100	17
1869.186	1201.186	330.2528	19.878	0.273639	1.611958	478.2871	1226.883	0.237257	0.437869	448.3253	294.7111	3.88198	100	12.9
1869.338	1201.338	330.2583	19.754	0.287003	1.455509	483.0351	1214.793	0.250076	0.441211	426.0246	231.1105	3.063055	100	9.3
1869.491	1201.491	330.2638	19.6253	0.295273	1.327133	486.9168	1226.632	0.258038	0.44562	408.9525	176.6892	2.356919	100	6.6
1869.643	1201.643	330.2693	19.53518	0.30701	1.160666	488.14	1256.331	0.269352	0.467658	362.927	106.5618	1.427941	100	3.2
1869.796	1201.796	330.2748	19.52055	0.325721	1.139277	488.5134	1297.531	0.287434	0.501051	291.8914	72.39759	0.970866	100	1.5
1869.948	1201.948	330.2803	19.56821	0.340122	1.184047	489.9631	1339.47	0.301404	0.523675	241.3904	59.01925	0.789572	100	0.9
1870.1	1202.1	330.2858	19.65232	0.34707	1.217339	493.871	1374.013	0.308171	0.532616	219.7137	54.26098	0.722866	100	0.6
1870.253	1202.253	330.2913	19.64996	0.341631	1.237571	498.6421	1396.059	0.302917	0.518809	246.0176	60.09744	0.800725	100	0.9
1870.405	1202.405	330.2968	19.83897	0.336507	1.310701	502.015	1418.517	0.297974	0.507092	269.0092	65.8457	0.869101	100	1.2
1870.558	1202.558	330.3023	19.88326	0.319395	1.532958	502.9857	1438.44	0.281446	0.478633	331.0919	87.09333	1.147048	100	2.3
1870.71	1202.71	330.3078	19.91718	0.303219	1.808684	503.5458	1440.497	0.265877	0.453165	387.7219	133.8567	1.760009	100	4.6
1870.862	1202.862	330.3133	19.91985	0.290379	1.814277	505.6552	1394.816	0.253563	0.42535	443.1003	280.4457	3.686992	100	11.5
1871.015	1203.015	330.3188	19.96462	0.278011	1.676457	507.4562	1337.433	0.241738	0.398364	496.6592	410.8748	5.389898	100	18.2
1871.167	1203.167	330.3243	20.15057	0.244431	2.00408	498.4104	1275.066	0.20977	0.364326	587.7478	573.0902	7.44981	100	29.4
1871.32	1203.32	330.3299	20.33028	0.191992	3.369669	484.2842	1234.844	0.160436	0.324612	710.6339	726.8489	9.366737	100	48.2
1871.472	1203.472	330.3353	20.34743	0.15959	1.74166	467.2074	1187.568	0.130398	0.312898	768.2506	786.1774	10.12305	100	62.7
1871.624	1203.624	330.3408	20.36084	0.188248	3.123737	456.875	1144.217	0.156994	0.355474	672.7936	684.4916	8.808138	100	46.1
1871.777	1203.777	330.3463	20.3596	0.256694	1.573793	456.5986	1113.598	0.221521	0.440828	465.9591	340.2269	4.37841	100	15.8
1871.929	1203.929	330.3518	20.43056	0.284543	1.372892	454.5267	1131.257	0.248142	0.46096	401.4402	158.487	2.032664	100	5.8
1872.082	1204.082	330.3574	20.48562	0.279621	1.554038	457.0432	1175.19	0.243453	0.446246	428.2161	237.6851	3.040423	100	9.6
1872.234	1204.234	330.3628	20.62999	0.261754	1.940223	461.3022	1214.638	0.226414	0.419157	489.1117	394.4284	5.010926	100	18
1872.386	1204.386	330.3683	20.64747	0.24475	2.372242	468.8562	1227.571	0.210272	0.392783	547.7842	509.1004	6.462474	100	25.4
1872.539	1204.539	330.3739	20.56177	0.264415	1.996198	475.3536	1246.423	0.229	0.419503	485.0659	385.3754	4.911954	100	17.5
1872.691	1204.691	330.3793	20.51704	0.29596	1.523274	479.2647	1257.876	0.259221	0.464394	381.4117	125.2612	1.599998	100	4.1
1872.844	1204.844	330.3849	20.44293	0.308679	1.4352	477.2028	1266.981	0.271483	0.490716	328.1657	85.75677	1.099302	100	2.2
1872.996	1204.996	330.3904	20.39291	0.291375	1.733914	475.8432	1249.917	0.254868	0.477358	369.5273	112.338	1.443525	100	3.7
1873.148	1205.148	330.3958	20.34527	0.276231	1.942337	475.6256	1231.229	0.240383	0.462887	409.487	178.1455	2.294428	100	7.1
1873.301	1205.301	330.4014	20.34708	0.285084	1.76521	476.8917	1227.143	0.248884	0.470876	386.7306	132.4107	1.705259	100	4.7

1873.453	1205.453	330.4069	20.41052	0.306192	1.477048	477.1534	1239.732	0.269187	0.489428	333.1112	88.0476	1.130485	100	2.4
1873.606	1205.606	330.4124	20.44285	0.310464	1.420228	476.6964	1250.263	0.273328	0.480391	339.8689	91.45468	1.172425	100	2.4
1873.758	1205.758	330.4179	20.39628	0.291861	1.696411	477.0104	1253.829	0.255459	0.44344	415.5195	196.327	2.522529	100	7.4
1873.91	1205.91	330.4234	20.45214	0.298216	1.631717	480.9708	1254.512	0.261588	0.455913	389.8492	137.0924	1.756752	100	4.6
1874.063	1206.063	330.4289	20.44188	0.301087	1.667046	485.3908	1265.644	0.264374	0.46222	377.3008	120.3631	1.543157	100	3.9
1874.215	1206.215	330.4344	20.44107	0.321367	1.404088	489.7777	1290.801	0.283948	0.492562	308.417	77.88511	0.998605	100	1.7
1874.368	1206.368	330.4399	20.47903	0.30875	1.527865	492.1136	1317.142	0.2718	0.463605	365.1419	108.4075	1.387441	100	3.2
1874.52	1206.52	330.4454	20.54273	0.322972	1.316318	492.6772	1351.276	0.285549	0.481885	320.9409	82.66644	1.054796	100	1.9
1874.672	1206.672	330.4509	20.64104	0.3367	1.171438	492.4596	1380.667	0.298859	0.504025	272.0204	66.6538	0.846523	100	1.1
1874.825	1206.825	330.4564	20.70537	0.327443	1.258587	492.3571	1398.688	0.289921	0.493295	299.1622	74.71617	0.946043	100	1.5
1874.977	1206.977	330.4619	20.76637	0.320986	1.351314	494.0464	1406.675	0.283704	0.493196	307.8787	77.69322	0.980922	100	1.7
1875.13	1207.13	330.4674	20.80192	0.310337	1.489157	495.1351	1402.943	0.273454	0.480772	339.1674	91.08447	1.148086	100	2.4
1875.282	1207.282	330.4729	20.85241	0.335951	1.200035	495.6364	1391.441	0.298232	0.519287	251.8235	61.48496	0.773169	100	0.9
1875.434	1207.434	330.4784	20.7314	0.320934	1.379083	494.5819	1375.975	0.283729	0.4871	316.2563	80.80144	1.021889	100	1.8
1875.587	1207.587	330.4839	20.80878	0.330061	1.298232	494.1249	1374.859	0.292578	0.501956	283.5432	69.88963	0.880683	100	1.3
1875.739	1207.739	330.4894	20.70375	0.33241	1.266352	494.5605	1391.152	0.294877	0.506629	273.9209	67.1714	0.850644	100	1.1
1875.892	1207.892	330.4949	20.71354	0.354576	1.052924	495.7083	1407.39	0.316411	0.539325	199.0835	50.12547	0.634493	100	0.3
1876.044	1208.044	330.5004	20.7349	0.350105	1.154889	497.0431	1417.421	0.31209	0.524895	224.9603	55.37121	0.700196	100	0.5
1876.196	1208.196	330.5059	20.62634	0.334254	1.383923	495.9887	1402.204	0.296737	0.496322	285.5787	70.48734	0.895953	100	1.3
1876.349	1208.349	330.5114	20.635	0.341065	1.226922	494.6389	1380.743	0.303364	0.511101	256.0379	62.5177	0.794336	100	0.9
1876.501	1208.501	330.5169	20.53411	0.330151	1.300365	493.5188	1369.9	0.292814	0.493463	294.9371	73.35234	0.936497	100	1.4
1876.654	1208.654	330.5224	20.52906	0.330204	1.245208	493.2424	1371.396	0.292891	0.492295	296.444	73.83335	0.942878	100	1.4
1876.806	1208.806	330.5279	20.67018	0.34013	1.122453	492.4243	1379.93	0.302532	0.509989	258.7221	63.1873	0.801537	100	0.9
1876.958	1208.958	330.5334	20.82186	0.364971	0.895691	490.1095	1373.171	0.326703	0.554397	164.081	43.84979	0.552279	96.9	0
1877.111	1209.111	330.5389	20.92977	0.34789	0.994757	486.9188	1349.231	0.310113	0.525539	226.8005	55.76663	0.698836	100	0.5
1877.263	1209.263	330.5444	21.01738	0.342479	1.016434	483.5308	1322.629	0.304885	0.513097	251.1857	61.33057	0.765437	100	0.7
1877.416	1209.416	330.5499	20.99288	0.328764	1.103078	482.2993	1313.782	0.291622	0.486331	306.4258	77.18028	0.964361	100	1.5
1877.568	1209.568	330.5554	20.84284	0.316882	1.167907	482.9678	1319.773	0.280165	0.466082	350.1791	97.42291	1.225877	100	2.4
1877.72	1209.72	330.5609	20.85769	0.313201	1.213065	485.8549	1344.46	0.276638	0.463265	358.9344	103.4456	1.300771	100	2.7
1877.873	1209.873	330.5664	20.88245	0.342554	1.024359	487.774	1359.139	0.305057	0.518328	243.7293	59.56126	0.748091	100	0.7
1878.025	1210.025	330.5719	20.89114	0.335833	1.157507	488.9348	1366.177	0.298566	0.507731	267.3112	65.39627	0.821055	100	1
1878.178	1210.178	330.5774	20.91131	0.324659	1.259113	489.3706	1345.919	0.287776	0.488336	308.9665	78.08203	0.979414	100	1.6
1878.33	1210.33	330.5829	20.92872	0.319662	1.290929	489.9243	1322.056	0.282972	0.479091	328.3528	85.84067	1.075872	100	2
1878.482	1210.482	330.5884	20.97691	0.327905	1.220478	491.259	1308.982	0.290965	0.496024	293.9561	73.04235	0.913421	100	1.4
1878.635	1210.635	330.5939	21.00995	0.33669	1.186814	491.2188	1312.499	0.299495	0.5118	260.4139	63.61422	0.794306	100	0.9
1878.787	1210.787	330.5994	21.11598	0.350076	1.066486	492.0121	1326.539	0.312509	0.532164	214.3515	53.15171	0.660419	100	0.4
1878.94	1210.94	330.6049	21.12106	0.352253	1.035249	493.0418	1345.999	0.31465	0.530995	213.0102	52.87811	0.656874	100	0.4
1879.092	1211.092	330.6104	21.13357	0.35885	0.968436	493.7793	1355.422	0.321091	0.540103	191.5532	48.70082	0.60464	100	0.2
1879.244	1211.244	330.6159	21.26862	0.332067	1.179741	494.2148	1360.404	0.295117	0.497341	286.4093	70.73371	0.872751	100	1.2
1879.397	1211.397	330.6214	21.31085	0.323415	1.256307	494.5914	1366.063	0.286771	0.492882	304.0782	76.36613	0.940436	100	1.5
1879.549	1211.549	330.6269	21.42884	0.294415	1.594651	495.0893	1374.855	0.258855	0.451598	399.5743	154.5526	1.893087	100	5.2
1879.702	1211.702	330.6324	21.46305	0.304472	1.495375	494.8094	1386.337	0.26855	0.474732	354.2717	100.112	1.224362	100	2.7
1879.854	1211.854	330.6379	21.52125	0.312403	1.451459	493.161	1385.26	0.276215	0.483338	331.817	87.43287	1.066491	100	2.1
1880.006	1212.006	330.6434	21.50468	0.3224	1.386045	490.5476	1367.508	0.28589	0.493561	304.3569	76.46188	0.933382	100	1.5
1880.159	1212.159	330.6489	21.52266	0.320188	1.376646	489.1421	1347.271	0.283778	0.482939	321.93	83.07335	1.013276	100	1.8
1880.311	1212.311	330.6544	21.58693	0.334503	1.198889	488.1401	1326.147	0.297649	0.507832	268.4369	65.69373	0.798974	100	1
1880.464	1212.464	330.66	21.63326	0.33403	1.193096	488.5757	1324.436	0.297215	0.510847	264.8746	64.75889	0.785971	100	0.9
1880.616	1212.616	330.6654	21.67366	0.343364	1.105178	489.0737	1334.75	0.306289	0.527072	229.9613	56.45329	0.683931	100	0.5
1880.768	1212.768	330.6709	21.72013	0.340446	1.13846	491.2421	1353.575	0.303483	0.516212	248.8209	60.76244	0.734611	100	0.7
1880.921	1212.921	330.6764	21.647	0.347511	1.065093	492.2128	1361.606	0.310364	0.516538	238.8755	58.44304	0.708905	100	0.6
1881.073	1213.073	330.6819	21.67703	0.359846	1.014103	492.7697	1362.886	0.322382	0.523165	213.1446	52.90546	0.640876	100	0.3
1881.226	1213.226	330.6875	21.74516	0.358558	1.028273	493.563	1363.668	0.321153	0.520503	218.5143	54.01067	0.652276	100	0.3
1881.378	1213.378	330.6929	21.79093	0.359633	1.011758	494.7173	1373.868	0.322224	0.528207	206.4054	51.553	0.621329	100	0.2
1881.53	1213.53	330.6984	21.82499	0.337323	1.172418	495.8093	1394.126	0.30058	0.507972	264.1978	64.58341	0.777202	100	0.9
1881.683	1213.683	330.704	21.84086	0.353232	1.028535	495.5917	1405.141	0.316047	0.54219	195.6324	49.46719	0.594879	100	0.2
1881.835	1213.835	330.7094	21.94639	0.344509	1.08548	494.4749	1403.802	0.307599	0.530099	223.9772	55.16126	0.660257	100	0.5
1881.988	1213.988	330.715	21.85216	0.322383	1.274629	494.4938	1393.766	0.286196	0.485803	314.6419	80.1811	0.963775	100	1.6
1882.14	1214.14	330.7205	21.75206	0.335628	1.1508	496.3602	1375.442	0.299036	0.499829	277.5662	68.18134	0.823221	100	1
1882.292	1214.292	330.7259	21.64225	0.359223	1.00076	500.0875	1365.339	0.321974	0.535934	196.0872	49.55343	0.601273	100	0.2
1882.445	1214.445	330.7315	21.63303	0.342924	1.156758	503.3752	1366.597	0.30616	0.508073	256.3594	62.59741	0.759872	100	0.8
1882.597	1214.597	330.737	21.69552	0.33761	1.269586	503.9387	1376.212	0.301032	0.502032	271.7718	66.58655	0.806037	100	1
1882.75	1214.75	330.7425	21.77484	0.330193	1.338823	502.1131	1395.775	0.293873	0.492697	294.5338	73.22462	0.883257	100	1.3
1882.902	1214.902	330.748	21.80967	0.333608	1.290083	500.5761	1405.577	0.297203	0.496883	284.161	70.07016	0.843903	100	1.1
1883.054	1215.054	330.7534	21.82434	0.344758	1.234377	500.654	1412.455	0.308038	0.513727	245.9635	60.0847	0.723177	100	0.7
1883.207	1215.207	330.759	21.83207	0.389145	0.93531	500.7319	1413.476	0.351324	0.585708	86.89501	32.68156	0.393223	65.9	0
1883.359	1215.359	330.7645	21.84806	0.378329	1.069738	500.3304	1413.543	0.340776	0.562366	133.6647	39.05056	0.469526	84.3	0
1883.512	1215.512	330.77	21.98343	0.388291	0.991011	498.5082	1412.303	0.350538	0.576038	101.3253	34.52671	0.41265	70.6	0
1883.664	1215.664	330.7755	22.09869	0.365419	1.193195	501.3231	1412.961	0.328231	0.534852	188.9449	48.21729	0.573358	100	0.2
1883.816	1215.816	330.781	22.10048	0.36682	1.15553	505.5821	1426.895	0.329621	0.541131	178.3625	46.30613	0.550596	100	0.1
1883.969	1215.969	330.7865	22.06928	0.354717	1.310621	510.0642	1457.892	0.317863	0.522518	220.2749	54.37855	0.647477	100	0.5
1884.121	1216.121	330.792	21.99487	0.376578	1.102613	512.3016	1517.943	0.33919	0.562199	136.083	39.41189	0.470822	85.9	0
1884.274	1216.274	330.7975	21.97081	0.368981	1.17297	513.0917	1542.856	0.331802	0.549278	164.1099	43.85462	0.52446	99.7	0
1884.426	1216.426	330.803	22.00212	0.377992	1.098213	513.2318	1545.165	0.34062	0.562232	134.0652	39.11016	0.467079	84.8	0
1884.578	1216.578	330.8085	21.93103	0.36566	1.209728	513.2505	1530.914	0.328614	0.541083	179.817	46.5641	0.55786	100	0.1
1884.731	1216.731	330.814	21.95764	0.366216	1.223657	513.3908	1531.339	0.32918	0.5438	175.2868	45.76546	0.547652	100	0.1
1884.883	1216.883	330.8195	21.90504	0.354174	1.352703	513.6458	1542.263	0.317483	0.529833	210.7039	52.41128	0.628653	100	0.4
1885.036	1217.036	330.825	21.786	0.392819	1.035824	513.9043	1540.907	0.355217	0.5948	68.97682	30.52729	0.368116	62.8	0
1885.188	1217.188	330.8305	21.68584	0.37788	1.131205	513.8047	1533.34	0.340634	0.564036	131.5551	38.73807	0.469234	85.6	0
1885.34	1217.34	330.836	21.65513	0.400277	0.962949	513.2262	1530.785	0.362573	0.595532	57.8151	29.2578	0.354894	58.1	0
1885.493	1217.493	330.8415	21.62535	0.371144	1.160297	513.245	1541.542	0.334109	0.544803	167.1023	44.35807	0.538788	100	0

1885.645	1217.645	330.847	21.5676	0.363344	1.221767	513.0864	1549.877	0.326531	0.537766	187.2701	47.90947	0.583451	100	0.2
1885.798	1217.798	330.8525	21.62249	0.354679	1.335933	512.6295	1552.085	0.318123	0.527634	212.8559	52.84674	0.641993	100	0.4
1885.95	1217.95	330.858	21.62424	0.359472	1.318154	511.214	1549.296	0.32281	0.535414	195.6509	49.4707	0.600941	100	0.3
1886.102	1218.102	330.8635	21.62598	0.376639	1.141146	509.4408	1542.921	0.33957	0.561038	137.1604	39.57396	0.480689	88.2	0
1886.255	1218.255	330.869	21.69972	0.374672	1.136663	508.091	1551.196	0.337675	0.550498	154.321	42.24798	0.511476	94.4	0
1886.407	1218.407	330.8745	21.77215	0.389016	1.05448	508.0473	1550.206	0.351718	0.5705	107.3397	35.32627	0.426298	74	0
1886.56	1218.56	330.88	21.84734	0.383121	1.078513	508.8374	1544.688	0.345977	0.561064	128.283	38.25836	0.460139	81.8	0
1886.712	1218.712	330.8855	21.8491	0.36569	1.214862	509.0989	1526.619	0.32899	0.541285	179.0209	46.42272	0.558296	100	0.1
1886.864	1218.864	330.891	21.85086	0.324465	1.624574	507.8016	1511.594	0.289	0.483666	313.7222	79.83246	0.96003	100	1.7
1887.017	1219.017	330.8965	21.86901	0.312651	1.85921	505.9169	1497.159	0.277619	0.474728	341.7614	92.47435	1.111171	100	2.4
1887.169	1219.169	330.902	21.79227	0.307319	1.954642	504.8591	1481.197	0.272504	0.468733	357.0927	102.0919	1.230958	100	2.9
1887.322	1219.322	330.9075	21.81292	0.309697	1.833363	503.9853	1465.691	0.27482	0.467266	355.9224	101.2573	1.219784	100	2.7
1887.474	1219.474	330.913	21.83313	0.319859	1.631754	502.6321	1449.729	0.284648	0.477669	328.0021	85.68362	1.031261	100	2
1887.626	1219.626	330.9185	21.86308	0.318799	1.605715	499.0603	1425.748	0.283649	0.469907	340.0931	91.5739	1.100698	100	2.2
1887.779	1219.779	330.924	21.86483	0.313657	1.689733	494.3861	1406.696	0.278712	0.466252	351.9505	98.56159	1.184611	100	2.5
1887.931	1219.931	330.9295	21.78809	0.288977	1.997505	490.5716	1391.183	0.254997	0.428066	437.3735	264.3743	3.188452	100	9.9
1888.084	1220.084	330.935	21.79878	0.283774	1.980201	490.5904	1398.141	0.250034	0.427595	444.8727	285.3264	3.439543	100	11
1888.236	1220.236	330.9405	21.73175	0.300859	1.608399	493.8877	1422.203	0.266459	0.458295	379.8396	123.3283	1.491181	100	3.7
1888.388	1220.388	330.946	21.70711	0.31149	1.583426	498.5667	1449.872	0.276721	0.469216	350.6067	97.69435	1.182558	100	2.5
1888.541	1220.541	330.9515	21.7633	0.342569	1.347509	500.9058	1461.35	0.306804	0.513168	248.4388	60.67126	0.732567	100	0.8
1888.693	1220.693	330.957	21.78869	0.335287	1.497032	501.7056	1466.218	0.299769	0.4949	283.3579	69.83563	0.842275	100	1.2
1888.846	1220.846	330.9625	21.71234	0.343645	1.361379	501.4848	1466.997	0.307898	0.507476	254.7839	62.20807	0.752861	100	0.8
1888.998	1220.998	330.968	21.63652	0.337246	1.384798	501.1458	1462.537	0.301716	0.495772	279.4663	68.71712	0.834487	100	1.1
1889.15	1221.15	330.9735	21.63826	0.347776	1.263909	501.2827	1456.978	0.311957	0.512887	241.7145	59.09399	0.717578	100	0.7
1889.303	1221.303	330.979	21.57783	0.353071	1.206488	502.0169	1449.191	0.317127	0.522982	220.6493	54.45714	0.663087	100	0.5
1889.455	1221.455	330.9845	21.51258	0.358401	1.150206	502.8725	1457.231	0.322336	0.537033	194.0713	49.17243	0.600518	100	0.2
1889.608	1221.608	330.99	21.51162	0.346663	1.276788	503.0095	1463.005	0.310951	0.520626	232.4247	56.99517	0.696093	100	0.6
1889.76	1221.76	330.9955	21.51335	0.34032	1.387785	502.3127	1462.257	0.304821	0.510103	255.4056	62.36132	0.761581	100	0.9
1889.912	1221.912	331.001	21.51508	0.33617	1.46131	501.4387	1454.064	0.300822	0.499807	275.1321	67.50442	0.824336	100	1.1
1890.065	1222.065	331.0065	21.50117	0.335124	1.455293	502.8851	1442.126	0.299833	0.495948	281.8214	69.39053	0.847914	100	1.2
1890.217	1222.217	331.012	21.47988	0.336146	1.416251	505.2931	1448.367	0.300848	0.497566	278.1888	68.35619	0.836094	100	1.1
1890.37	1222.37	331.0176	21.56803	0.356306	1.199913	507.3336	1472.563	0.320446	0.533649	201.3495	50.56272	0.615996	100	0.3
1890.522	1222.522	331.023	21.62509	0.348699	1.249445	507.7755	1500.626	0.313076	0.521229	228.6592	56.16927	0.682547	100	0.6
1890.674	1222.674	331.0285	21.70174	0.308186	1.804617	507.0787	1511.929	0.273906	0.460123	367.0398	110.0615	1.332835	100	3.1
1890.827	1222.827	331.0341	21.78456	0.296623	2.042774	505.9095	1510.331	0.262806	0.445719	402.2358	160.2302	1.933209	100	5.4
1890.979	1222.979	331.0395	21.81426	0.318741	1.721004	505.5672	1500.126	0.284136	0.483599	320.5257	82.49703	0.994035	100	1.9
1891.132	1223.132	331.0451	21.72311	0.355656	1.282698	505.8223	1505.064	0.319937	0.529841	207.3068	51.73172	0.62589	100	0.4
1891.284	1223.284	331.0506	21.6509	0.383521	1.057408	506.7959	1509.08	0.347133	0.568191	116.8525	36.629	0.444612	78.3	0
1891.436	1223.436	331.056	21.58574	0.393448	0.997193	507.2939	1517.028	0.35687	0.586269	78.46777	31.65004	0.385312	64.9	0
1891.589	1223.589	331.0616	21.45521	0.379506	1.112205	507.549	1521.019	0.343259	0.573736	114.5469	36.3089	0.44466	80.2	0
1891.741	1223.741	331.0671	21.32194	0.368132	1.199368	507.6891	1521.809	0.332184	0.563132	144.4636	40.69041	0.501366	95.5	0
1891.894	1223.894	331.0726	21.17811	0.344498	1.420096	507.9442	1522.111	0.309219	0.526207	227.1124	55.83396	0.692531	100	0.7
1892.046	1224.046	331.0781	21.18647	0.338885	1.488659	508.442	1522.652	0.303799	0.514405	250.8799	61.25672	0.759508	100	0.9
1892.198	1224.198	331.0835	21.08628	0.334841	1.623609	508.5788	1523.074	0.299904	0.501972	273.4107	67.03186	0.834984	100	1.2
1892.351	1224.351	331.0891	21.00733	0.358232	1.383412	508.4795	1523.022	0.32264	0.539549	190.1793	48.4455	0.605689	100	0.3
1892.503	1224.503	331.0946	21.00902	0.363072	1.345159	508.1404	1522.486	0.327377	0.550165	168.9918	44.679	0.558562	100	0.2
1892.656	1224.656	331.1001	21.01071	0.366865	1.284045	508.1592	1522.788	0.331097	0.557363	153.9255	42.18434	0.52734	100	0
1892.808	1224.808	331.1056	21.01239	0.370655	1.203251	508.6537	1524.401	0.334816	0.562411	141.8266	40.28366	0.503547	95	0
1892.96	1224.96	331.1111	21.01408	0.380135	1.130355	509.0334	1526.261	0.344095	0.572679	114.8515	36.35102	0.454359	81.8	0
1893.113	1225.113	331.1166	21.01577	0.35873	1.336292	509.4066	1527.987	0.323248	0.531604	200.3045	50.36058	0.629426	100	0.4
1893.265	1225.265	331.1221	21.01745	0.34646	1.534173	509.1891	1527.578	0.311345	0.512398	243.2338	59.44595	0.74293	100	0.8
1893.418	1225.418	331.1276	21.00472	0.32343	1.874347	509.0897	1526.574	0.28906	0.481051	317.2474	81.18778	1.015265	100	2
1893.57	1225.57	331.1331	21.11241	0.337427	1.628472	508.9868	1526.274	0.302632	0.515125	251.496	61.40563	0.764065	100	1
1893.722	1225.722	331.1386	21.18564	0.316318	1.860295	509.0055	1526.814	0.282241	0.481397	326.1794	84.87882	1.052583	100	2.1
1893.875	1225.875	331.1441	21.18734	0.3315	1.592335	509.0243	1526.521	0.29694	0.505248	272.981	66.91467	0.829756	100	1.2
1894.027	1226.027	331.1496	21.18904	0.324725	1.69794	508.3867	1520.376	0.29041	0.489532	303.6802	76.22985	0.945204	100	1.7
1894.18	1226.18	331.1551	21.12369	0.330965	1.594878	506.0294	1504.156	0.296471	0.496331	285.9326	70.59211	0.877958	100	1.4
1894.332	1226.332	331.1606	21.08572	0.325476	1.619755	500.7346	1464.952	0.291185	0.487699	305.1406	76.73238	0.956018	100	1.7
1894.484	1226.484	331.1661	21.07672	0.28764	2.174567	494.3535	1415.823	0.254775	0.426581	439.7289	271.0405	3.378381	100	10.7
1894.637	1226.637	331.1716	21.10693	0.27572	2.209338	490.8082	1366.439	0.243385	0.407783	481.389	376.9997	4.692591	100	16
1894.789	1226.789	331.1771	21.15376	0.28828	1.738342	492.1889	1359.46	0.255437	0.428865	435.6638	259.4855	3.222917	100	10
1894.942	1226.942	331.1826	21.21051	0.308415	1.505554	497.439	1388.527	0.274817	0.45668	370.5339	113.2964	1.403526	100	3.2
1895.094	1227.094	331.1881	21.18753	0.347811	1.263947	503.6146	1440.298	0.312953	0.523511	225.6806	55.52562	0.688594	100	0.6
1895.246	1227.246	331.1936	21.15285	0.370307	1.22573	508.4806	1477.958	0.334871	0.559296	146.0495	40.93702	0.508496	96.9	0
1895.399	1227.399	331.1991	21.15291	0.390568	1.107747	511.0527	1503.796	0.354691	0.591667	74.02596	31.11953	0.386553	67.3	0
1895.551	1227.551	331.2046	21.14987	0.365093	1.383923	512.2134	1511.579	0.329837	0.545798	171.624	45.13004	0.560671	100	0.2
1895.704	1227.704	331.2101	21.13956	0.369526	1.362151	512.1141	1507.482	0.334184	0.552298	156.6553	42.62558	0.529817	100	0.1
1895.856	1227.856	331.2156	21.12852	0.366389	1.406175	511.5355	1492.859	0.331149	0.548254	166.4239	44.24341	0.550214	100	0.2
1896.008	1228.008	331.2211	21.11795	0.370318	1.343953	510.9568	1483.12	0.335005	0.559481	145.6092	40.86839	0.508497	100	0
1896.161	1228.161	331.2266	21.11212	0.370296	1.307646	511.5696	1476.163	0.335008	0.564592	138.5526	39.78436	0.495149	96.4	0
1896.313	1228.313	331.2321	21.10542	0.369326	1.260995	511.5325	1469.765	0.334086	0.56673	136.8728	39.53063	0.492151	94.8	0
1896.466	1228.466	331.2376	21.15569	0.367563	1.20954	508.637	1454.243	0.332392	0.563368	143.8508	40.59551	0.50424	96.3	0
1896.618	1228.618	331.2431	21.20401	0.348751	1.352096	500.4246	1410.526	0.314111	0.527841	218.1071	53.92597	0.668335	100	0.5
1896.77	1228.77	331.2486	21.27144	0.322618	1.620392	487.8309	1341.469	0.288816	0.475179	325.6862	84.66429	1.046055	100	2
1896.923	1228.923	331.2541	21.30701	0.304377	1.494124	477.203	1254.929	0.271248	0.437128	402.441	160.6864	1.982119	100	5.2
1897.075	1229.075	331.2596	21.30439	0.298347	1.298859	472.6007	1192.842	0.265472	0.424063	428.4414	238.357	2.940602	100	8.5
1897.228	1229.228	331.2651	21.30477	0.31223	1.048851	474.3426	1181.019	0.278863	0.449787	374.4634	117.2606	1.446633	100	3.2
1897.38	1229.38	331.2706	21.30897	0.325268	1.008808	475.4409	1187.347	0.291476	0.469186	330.2867	86.72022	1.069667	100	1.8
1897.532	1229.532	331.2761	21.34711	0.332654	1.00333	472.8275	1194.67	0.298647	0.4765	310.2978	78.56356	0.967378	100	1.4
1897.685	1229.685	331.2816	21.45292	0.32059	1.043135	468.0351	1176.68	0.287005	0.449756	363.2706	106.8424	1.309264	100	2.6

1897.837	1229.837	331.2871	21.40994	0.3078	1.052805	463.4458	1150.31	0.274691	0.427996	410.2913	180.3816	2.214786	100	5.7
1897.99	1229.99	331.2926	21.40786	0.308695	0.954372	460.6717	1129.927	0.275578	0.432903	402.2964	160.3646	1.969223	100	4.9
1898.142	1230.142	331.2981	21.43668	0.305019	0.981843	460.1423	1119.652	0.272063	0.424556	418.6658	207.2314	2.541423	100	6.8
1898.294	1230.294	331.3036	21.4983	0.296814	1.036257	462.432	1115.912	0.264195	0.403715	458.2839	320.8977	3.924427	100	11.8
1898.447	1230.447	331.3091	21.57631	0.308609	0.953463	466.6714	1132.378	0.275569	0.427945	409.1511	177.2276	2.159788	100	5.5
1898.599	1230.599	331.3146	21.66218	0.335094	0.802405	470.8186	1155.273	0.301182	0.481829	299.4451	74.80922	0.90815	100	1.1
1898.752	1230.752	331.3201	21.62418	0.341049	0.80861	473.6303	1193.968	0.30698	0.4958	272.1647	66.6929	0.81102	100	0.8
1898.904	1230.904	331.3256	21.62591	0.339929	0.844715	475.2702	1229.688	0.305917	0.501972	265.1128	64.82081	0.788203	100	0.8
1899.056	1231.056	331.3311	21.62764	0.320164	1.029782	480.425	1269.327	0.286814	0.476814	326.1942	84.88526	1.032113	100	1.7
1899.209	1231.209	331.3366	21.55551	0.319341	1.054793	484.5462	1290.443	0.286044	0.483519	318.0033	81.48535	0.994022	100	1.6
1899.361	1231.361	331.3421	21.55724	0.311779	1.13525	487.3217	1307.146	0.278771	0.472562	343.1606	93.24857	1.137445	100	2.2
1899.514	1231.514	331.3477	21.62345	0.318768	1.075931	488.9453	1298.889	0.28554	0.483147	319.213	81.96686	0.996856	100	1.7
1899.666	1231.666	331.3531	21.66585	0.334032	0.951181	490.4605	1282.59	0.300326	0.509772	262.0656	64.03481	0.777295	100	0.8
1899.818	1231.818	331.3586	21.61606	0.327464	1.007635	492.9898	1269.109	0.293992	0.499387	285.1363	70.3567	0.855964	100	1.1
1899.971	1231.971	331.3642	21.61048	0.343253	0.890628	494.551	1250.392	0.309314	0.528199	224.2322	55.21563	0.671935	100	0.4
1900.123	1232.123	331.3696	21.58805	0.33753	0.931191	495.2326	1271.409	0.303788	0.520095	243.0415	59.40125	0.723613	100	0.6
1900.276	1232.276	331.3752	21.63441	0.340158	0.894184	495.0118	1281.577	0.30636	0.527292	229.5596	56.36549	0.685205	100	0.5
1900.428	1232.428	331.3807	21.66135	0.332114	0.950055	494.315	1291.337	0.298591	0.513559	259.2338	63.31602	0.768774	100	0.8
1900.58	1232.58	331.3861	21.64536	0.326082	0.990516	493.3163	1295.951	0.292778	0.499625	286.4832	70.75568	0.859736	100	1.1
1900.733	1232.733	331.3917	21.72163	0.347907	0.841333	491.612	1304.209	0.313954	0.531698	213.0002	52.87609	0.640293	100	0.3
1900.885	1232.885	331.3971	21.67731	0.364055	0.760712	488.1059	1320.408	0.329686	0.556927	156.4742	42.59617	0.516845	88.6	0
1901.038	1233.038	331.4027	21.64872	0.329249	0.97788	483.3691	1323.204	0.295915	0.507353	271.4896	66.51031	0.80806	100	0.9
1901.19	1233.19	331.4082	21.67393	0.292994	1.2869	479.7908	1312.065	0.260992	0.459719	385.4195	130.5553	1.584388	100	4
1901.342	1233.342	331.4136	21.68825	0.287567	1.259294	480.2853	1282.021	0.25581	0.45675	396.668	148.8281	1.805002	100	4.9
1901.495	1233.495	331.4192	21.69772	0.323295	0.882329	483.3399	1253.889	0.290231	0.510505	274.9846	67.46373	0.817869	100	1
1901.647	1233.647	331.4247	21.70807	0.333663	0.875081	487.5429	1250.301	0.300287	0.51976	248.3354	60.64662	0.734892	100	0.7
1901.8	1233.8	331.4302	21.69653	0.329998	0.960634	489.521	1266.169	0.296763	0.510126	266.4941	65.18155	0.790264	100	0.9
1901.952	1233.952	331.4357	21.65328	0.317385	1.055849	490.4422	1303.946	0.284596	0.487749	314.1635	79.99932	0.971818	100	1.6
1902.104	1234.104	331.4412	21.70972	0.325755	0.998305	490.8218	1325.573	0.292708	0.497533	289.4684	71.65385	0.868242	100	1.2
1902.257	1234.257	331.4467	21.68039	0.323614	0.998445	491.6709	1341.802	0.290662	0.493476	297.8887	74.30008	0.901507	100	1.3
1902.409	1234.409	331.4522	21.68871	0.3282	0.997603	492.825	1352.283	0.295121	0.501693	280.3972	68.98206	0.836679	100	1.1
1902.562	1234.562	331.4577	21.76744	0.320814	1.071626	493.8546	1363.277	0.288006	0.488472	308.4604	77.9006	0.94153	100	1.5
1902.714	1234.714	331.4632	21.79232	0.31556	1.117145	494.4739	1362.19	0.282958	0.477663	330.343	86.74618	1.047286	100	1.9
1902.866	1234.866	331.4687	21.89742	0.303972	1.172748	493.777	1349.704	0.271815	0.459559	370.7039	113.4605	1.363416	100	3.1
1903.019	1235.019	331.4742	21.91071	0.297839	1.17424	492.3681	1340.38	0.265941	0.451525	389.8977	137.1684	1.647353	100	4.1
1903.171	1235.171	331.4797	21.9918	0.289882	1.253723	490.5916	1330.982	0.258324	0.443725	411.172	182.8933	2.188632	100	6.2
1903.324	1235.324	331.4852	21.99475	0.309925	1.076295	489.3041	1321.891	0.277622	0.482796	330.6236	86.8758	1.039496	100	1.9
1903.476	1235.476	331.4907	22.00359	0.2937	1.28508	489.8544	1311.42	0.262037	0.457998	386.3507	131.8664	1.577225	100	4
1903.628	1235.628	331.4962	21.94402	0.301638	1.200977	491.2481	1316.975	0.269692	0.472321	356.0226	101.328	1.215181	100	2.6
1903.781	1235.781	331.5017	21.82247	0.315065	1.087925	493.1704	1334.405	0.282652	0.492085	310.8643	78.77041	0.949799	100	1.6
1903.933	1235.933	331.5072	21.67775	0.318111	1.021355	493.4319	1350.973	0.285616	0.495558	301.9799	75.65311	0.918162	100	1.4
1904.086	1236.086	331.5127	21.79144	0.305793	1.135433	492.4398	1347.468	0.273764	0.472677	349.9124	97.25462	1.174336	100	2.4
1904.238	1236.238	331.5182	21.86663	0.311498	1.085676	490.6665	1340.486	0.279285	0.482994	328.0547	85.70712	1.031445	100	1.9
1904.39	1236.39	331.5237	21.94014	0.322339	1.015806	489.9073	1333.489	0.289773	0.500554	289.3498	71.6178	0.859083	100	1.2
1904.543	1236.543	331.5292	22.10364	0.332752	0.923735	489.8079	1331.408	0.299869	0.520516	247.868	60.53538	0.720922	100	0.6
1904.695	1236.695	331.5347	22.07942	0.348696	0.818917	490.4205	1331.463	0.315357	0.548791	187.4766	47.9473	0.571626	100	0.1
1904.848	1236.848	331.5402	22.05912	0.347744	0.816039	490.9152	1332.712	0.314458	0.548419	189.23	48.2699	0.575995	100	0.1
1905	1237	331.5457	22.03222	0.340445	0.848321	491.2948	1334.682	0.307398	0.535365	216.9875	53.69386	0.641488	100	0.3
1905.152	1237.152	331.5512	22.07802	0.316058	1.010058	491.1919	1334.979	0.28383	0.493446	307.3597	77.50915	0.924154	100	1.4
1905.305	1237.305	331.5567	22.12094	0.307181	1.110955	490.2621	1333.616	0.275296	0.478346	339.9742	91.5106	1.089048	100	2.1
1905.457	1237.457	331.5622	22.16903	0.311322	1.090973	489.5589	1329.849	0.279311	0.485023	325.2187	84.46217	1.003056	100	1.8
1905.61	1237.61	331.5677	22.10059	0.309308	1.095759	488.5076	1326.941	0.277394	0.478775	336.4866	89.70614	1.068557	100	2
1905.762	1237.762	331.5732	22.06418	0.308267	1.077011	488.7625	1322.455	0.276416	0.472781	346.1081	94.93994	1.132733	100	2.2
1905.914	1237.914	331.5787	22.16766	0.3269	0.915918	490.6322	1336.736	0.294426	0.50386	278.3655	68.40592	0.812455	100	1
1906.067	1238.067	331.5842	22.14179	0.310169	1.070518	492.6135	1352.248	0.278297	0.476794	337.974	90.46386	1.075672	100	2
1906.219	1238.219	331.5897	22.28295	0.31977	1.005502	494.5455	1373.945	0.287585	0.496956	297.3345	74.12038	0.875915	100	1.3
1906.372	1238.372	331.5952	22.40751	0.315054	1.075169	493.9702	1381.495	0.283057	0.488217	315.6413	80.56385	0.946925	100	1.6
1906.524	1238.524	331.6007	22.41237	0.343077	0.91487	492.7351	1384.443	0.310196	0.534035	214.9622	53.27677	0.626076	100	0.3
1906.676	1238.676	331.6062	22.4164	0.339189	0.980825	491.3786	1384.385	0.306449	0.526642	230.3341	56.53493	0.664256	100	0.5
1906.829	1238.829	331.6117	22.46678	0.343719	0.958254	490.8033	1382.897	0.310868	0.53584	211.5437	52.58074	0.616457	100	0.3
1906.981	1238.981	331.6172	22.42589	0.335841	1.010728	490.3428	1375.313	0.303253	0.524788	237.3027	58.08609	0.682218	100	0.6
1907.134	1239.134	331.6227	22.41653	0.327134	1.092874	490.1252	1357.783	0.294848	0.512365	266.0466	65.06437	0.764497	100	0.9
1907.286	1239.286	331.6282	22.56169	0.300991	1.389666	489.3069	1345.975	0.269656	0.468711	361.0529	105.0667	1.226814	100	2.7
1907.438	1239.438	331.6337	22.58727	0.300848	1.358682	488.0719	1339.808	0.269543	0.470263	359.0685	103.5462	1.207744	100	2.7
1907.591	1239.591	331.6392	22.72463	0.298202	1.329032	487.5557	1340.464	0.267024	0.467201	366.7699	109.822	1.273441	100	2.9
1907.743	1239.743	331.6447	22.88359	0.30747	1.168397	487.4528	1342.194	0.275966	0.480721	335.7726	89.34839	1.029068	100	1.9
1907.896	1239.896	331.6502	22.97557	0.313181	1.079681	488.6005	1349.385	0.281495	0.48742	318.8976	81.84065	0.938949	100	1.6
1908.048	1240.048	331.6557	23.02398	0.312382	1.095902	488.6848	1359.012	0.280748	0.483977	324.6801	84.23081	0.964413	100	1.7
1908.2	1240.2	331.6612	23.06974	0.321851	1.058065	488.0437	1377.233	0.289913	0.500305	289.4999	71.66342	0.818954	100	1.1
1908.353	1240.353	331.6667	22.99891	0.323192	1.058837	487.2912	1387.983	0.291232	0.503317	283.5228	69.88368	0.801009	100	1
1908.505	1240.505	331.6722	23.04147	0.327379	1.041544	487.9629	1387.835	0.295305	0.510253	268.3305	65.66553	0.751322	100	0.8
1908.658	1240.658	331.6778	23.00972	0.329412	1.030862	489.6456	1378.86	0.297296	0.513268	261.422	63.87047	0.73177	100	0.8
1908.81	1240.81	331.6832	22.95915	0.331045	1.059615	491.1016	1358.509	0.298902	0.5169	254.1938	62.06306	0.712589	100	0.7
1908.962	1240.962	331.6887	22.92983	0.325557	1.120174	491.4189	1343.009	0.293616	0.506722	275.5329	67.61516	0.777309	100	1
1909.115	1241.115	331.6943	22.93331	0.317848	1.163795	490.0723	1332.599	0.286193	0.494488	302.6606	75.88297	0.872239	100	1.3
1909.267	1241.267	331.6997	22.93551	0.332564	0.976744	488.4138	1326.189	0.300445	0.516385	252.7738	61.71589	0.709338	100	0.6
1909.42	1241.42	331.7053	22.9515	0.331511	0.966622	486.1155	1339.679	0.29945	0.515516	255.3466	62.34677	0.716113	100	0.7
1909.572	1241.572	331.7107	22.83118	0.302331	1.185696	485.8879	1350.633	0.271311	0.463622	365.7918	108.966	1.257994	100	2.8
1909.724	1241.724	331.7162	22.72451	0.294211	1.285401	486.7436	1366.104	0.263531	0.447031	399.4253	154.2474	1.788894	100	4.7
1909.877	1241.877	331.7218	22.60363	0.321448	1.07054	487.8912	1366.64	0.289791	0.488491	305.9702	77.02085	0.897904	100	1.3

1910.029	1242.029	331.7272	22.72125	0.331312	1.046544	488.9273	1377.795	0.299355	0.504618	270.5181	66.24884	0.768451	100	0.9
1910.182	1242.182	331.7328	22.7389	0.338992	1.004395	489.2413	1378.449	0.306819	0.519086	240.2503	58.75719	0.681047	100	0.5
1910.334	1242.334	331.7383	22.78639	0.333042	1.040742	487.8914	1373.981	0.301079	0.515277	253.4295	61.87591	0.715753	100	0.7
1910.486	1242.486	331.7437	22.82381	0.330318	1.022035	484.9824	1358.142	0.298466	0.514083	258.6821	63.17724	0.729653	100	0.7
1910.639	1242.639	331.7493	22.8416	0.324193	1.039712	484.2299	1349.056	0.292566	0.505153	279.1487	68.62712	0.792006	100	1
1910.791	1242.791	331.7548	22.85563	0.324744	1.002314	485.2594	1348.966	0.293123	0.50505	278.5211	68.44979	0.789498	100	1
1910.944	1242.944	331.7603	22.91208	0.342703	0.880733	487.8937	1354.372	0.310541	0.534559	213.763	53.03147	0.610209	100	0.3
1911.096	1243.096	331.7658	22.97228	0.336883	0.947927	488.6967	1364.108	0.304921	0.523812	236.3483	57.87074	0.664208	100	0.5
1911.248	1243.248	331.7713	23.01721	0.343002	0.907205	487.9408	1362.388	0.31088	0.533662	214.5322	53.18867	0.609322	100	0.3
1911.401	1243.401	331.7768	23.04668	0.366824	0.767885	486.5319	1365.299	0.334071	0.574658	125.9541	37.92058	0.43388	75.1	0
1911.553	1243.553	331.7823	22.95814	0.348719	0.886333	485.7726	1375.866	0.316479	0.548382	186.4921	47.76716	0.548593	100	0.1
1911.706	1243.706	331.7878	22.93401	0.332091	1.021852	485.9686	1384.005	0.300377	0.52311	243.5881	59.52838	0.684373	100	0.6
1911.858	1243.858	331.7933	23.00373	0.328265	1.055379	487.0604	1389.935	0.296699	0.514449	260.6162	63.66554	0.729794	100	0.8
1912.01	1244.01	331.7988	22.95535	0.322414	1.10433	487.6763	1390.718	0.291066	0.501686	286.0029	70.61298	0.811096	100	1.1
1912.163	1244.163	331.8043	22.83309	0.333232	1.014184	487.9936	1392.205	0.301556	0.516752	250.7354	61.22187	0.706887	100	0.7
1912.315	1244.315	331.8098	22.83145	0.345272	0.920215	488.0122	1392.86	0.313253	0.533114	212.013	52.67571	0.60826	100	0.3
1912.468	1244.468	331.8153	22.88547	0.345197	0.919433	487.7356	1393.037	0.313205	0.534336	210.3941	52.34891	0.603109	100	0.2
1912.62	1244.62	331.8208	22.81666	0.325424	1.071872	487.275	1392.022	0.294073	0.505314	276.8455	67.97984	0.785494	100	1
1912.772	1244.772	331.8263	22.737	0.31672	1.146406	486.519	1392.68	0.285689	0.496067	301.1767	75.3837	0.874017	100	1.3
1912.925	1244.925	331.8318	22.59963	0.306306	1.247181	486.774	1397.012	0.275674	0.479473	337.8969	90.42413	1.054602	100	2.1
1913.077	1245.077	331.8373	22.45158	0.305284	1.266618	487.4489	1400.782	0.274714	0.476047	343.95	93.69331	1.099747	100	2.2
1913.23	1245.23	331.8428	22.36525	0.306095	1.270468	487.645	1403.456	0.27552	0.477467	340.8779	91.99449	1.083874	100	2.2
1913.382	1245.382	331.8483	22.28845	0.301564	1.314941	487.2499	1402.686	0.271183	0.471405	355.2297	100.7721	1.191287	100	2.6
1913.534	1245.534	331.8538	22.21179	0.303332	1.294415	485.8343	1400.237	0.272909	0.477835	343.9741	93.70701	1.111501	100	2.3
1913.687	1245.687	331.8593	22.24901	0.309347	1.248204	484.6026	1398.034	0.278725	0.489126	320.3662	82.43216	0.976185	100	1.8
1913.839	1245.839	331.8648	22.17752	0.327001	1.088201	482.7703	1396.772	0.295793	0.519979	254.2356	62.07332	0.737406	100	0.8
1913.992	1245.992	331.8703	22.21438	0.337588	0.986537	481.1218	1396.949	0.306068	0.536054	217.8711	53.87696	0.639011	100	0.4
1914.144	1246.144	331.8758	22.23154	0.300228	1.301547	479.2893	1392.595	0.270019	0.479823	345.2179	94.42016	1.119048	100	2.4
1914.296	1246.296	331.8813	22.2635	0.285173	1.507547	478.3496	1382.961	0.255591	0.455967	398.0502	151.4917	1.79296	100	5
1914.449	1246.449	331.8868	22.28016	0.289399	1.468127	477.8924	1365.057	0.259667	0.467058	377.1202	120.1592	1.421112	100	3.6
1914.601	1246.601	331.8923	22.25205	0.314148	1.19821	479.9391	1359.938	0.2835	0.502011	295.9955	73.68958	0.872602	100	1.4
1914.754	1246.754	331.8978	22.06695	0.318016	1.179699	483.5811	1370.217	0.287257	0.503632	288.5739	71.38266	0.8522	100	1.3
1914.906	1246.906	331.9033	22.01749	0.330879	1.107457	487.5478	1394.501	0.299716	0.513947	257.146	62.79299	0.751303	100	0.8
1915.058	1247.058	331.9088	21.94806	0.332788	1.235531	488.4	1408.401	0.301588	0.505591	266.093	65.0765	0.781036	100	0.9
1915.211	1247.211	331.9143	22.01546	0.334793	1.344547	484.1424	1385.299	0.303554	0.506414	262.244	64.08048	0.766796	100	0.9
1915.363	1247.363	331.9198	21.88894	0.319005	1.439494	478.8378	1332.412	0.288309	0.489843	306.1507	77.08392	0.927606	100	1.6
1915.516	1247.516	331.9253	21.90129	0.327863	1.112779	477.7275	1278.03	0.296894	0.516165	257.9789	63.00094	0.757728	100	0.9
1915.668	1247.668	331.9308	21.81167	0.330157	0.928011	482.4522	1259.741	0.299139	0.515597	255.665	62.42542	0.753825	100	0.8
1915.82	1247.82	331.9363	21.71408	0.351705	0.902781	490.1209	1299.013	0.320062	0.538579	195.0751	49.36176	0.598695	100	0.2
1915.973	1247.973	331.9418	21.64593	0.342715	1.099124	495.5482	1353.512	0.311356	0.511714	244.1631	59.66247	0.725864	100	0.7
1916.125	1248.125	331.9473	21.54646	0.338879	1.159739	497.4868	1410.026	0.30766	0.505875	257.3218	62.83681	0.76794	100	0.8
1916.278	1248.278	331.9528	21.5132	0.332695	1.148366	497.0329	1430.051	0.301692	0.501719	271.2931	66.4573	0.813424	100	1
1916.43	1248.43	331.9583	21.49688	0.330198	1.163615	495.8568	1435.668	0.2993	0.505722	269.0703	65.86196	0.806746	100	1
1916.582	1248.582	331.9638	21.41168	0.324553	1.188606	495.0385	1419.863	0.293864	0.499771	284.7833	70.25276	0.863887	100	1.2
1916.735	1248.735	331.9693	21.31201	0.337702	1.042439	494.8176	1421.703	0.306616	0.521429	237.2979	58.085	0.717538	100	0.6
1916.887	1248.887	331.9748	21.17286	0.352677	0.914442	494.4785	1413.288	0.321177	0.543107	187.2882	47.91278	0.595692	100	0.1
1917.04	1249.04	331.9803	21.1145	0.331131	1.101922	494.5562	1432.841	0.3003	0.505086	268.5675	65.72835	0.819412	100	1
1917.192	1249.192	331.9858	20.99823	0.310659	1.317017	494.8734	1434.997	0.280549	0.472712	340.5005	91.79156	1.150554	100	2.3
1917.344	1249.344	331.9913	21.04648	0.291146	1.669791	494.2389	1404.834	0.261805	0.442104	408.6053	175.7556	2.198074	100	6.3
1917.497	1249.497	331.9968	21.12102	0.295316	1.637464	495.0879	1387.418	0.265833	0.453386	387.4775	133.4966	1.663817	100	4.4
1917.649	1249.649	332.0023	21.16883	0.298607	1.756578	494.752	1369.769	0.269021	0.463639	368.9295	111.7791	1.390081	100	3.4
1917.802	1249.802	332.0079	21.17061	0.305943	1.620956	495.007	1343.675	0.276103	0.473327	345.7869	94.75144	1.178244	100	2.6
1917.954	1249.954	332.0133	21.17239	0.301131	1.716239	493.0597	1335.037	0.271496	0.456606	375.2187	118.0657	1.468057	100	3.6
1918.106	1250.106	332.0188	21.17417	0.31558	1.434876	490.3246	1343.932	0.285441	0.471815	334.9867	88.95899	1.106061	100	2.2
1918.259	1250.259	332.0243	21.23936	0.312619	1.440529	486.008	1354.206	0.282608	0.469752	341.7431	92.46431	1.146204	100	2.3
1918.411	1250.411	332.0298	21.30251	0.303526	1.576759	478.0778	1359.303	0.273874	0.466771	357.9103	102.6867	1.269247	100	2.9
1918.564	1250.564	332.0354	21.3043	0.28825	1.856635	466.0912	1342.838	0.259221	0.453252	396.7877	149.0545	1.842243	100	5.2
1918.716	1250.716	332.0408	21.30609	0.258242	2.146934	453.7763	1299.78	0.230569	0.421949	479.525	372.6985	4.606057	100	16.8
1918.868	1250.868	332.0463	21.30788	0.195804	3.420295	443.3387	1207.712	0.171671	0.345834	665.8432	676.3247	8.357895	100	42.1
1919.021	1251.021	332.0519	21.30967	0.165217	3.847261	437.3515	1114.976	0.143266	0.326224	732.1041	749.5631	9.262319	100	55.6
1919.173	1251.173	332.0573	21.16791	0.17447	3.311334	437.8918	1066.712	0.151856	0.350203	687.158	700.9658	8.718686	100	49.4
1919.326	1251.326	332.0629	21.16969	0.237679	1.633738	448.0746	1091.374	0.211143	0.432003	492.4593	401.7928	4.997195	100	19.8
1919.478	1251.478	332.0684	21.17146	0.267735	1.282144	462.9668	1173.504	0.239739	0.456817	418.7527	207.5481	2.581148	100	8.3
1919.63	1251.63	332.0738	21.17324	0.301143	1.094187	478.7812	1274.31	0.271774	0.486631	333.4004	88.18655	1.096646	100	2.2
1919.783	1251.783	332.0794	21.2054	0.327972	1.109969	491.3992	1359.713	0.29768	0.517236	255.4166	62.36405	0.774388	100	0.9
1919.935	1251.935	332.0849	21.17249	0.345053	1.194151	500.3347	1406.717	0.314256	0.537819	204.1365	51.10607	0.635569	100	0.4
1920.088	1252.088	332.0904	21.19678	0.336053	1.398448	508.3218	1466.123	0.305553	0.522822	236.8439	57.98244	0.720286	100	0.8
1920.24	1252.24	332.0959	21.28926	0.329235	1.530352	510.3391	1488.696	0.298975	0.511007	262.2254	64.07571	0.792606	100	1.1
1920.392	1252.392	332.1014	21.36788	0.316428	1.727532	510.7186	1501.78	0.286623	0.489722	308.6439	77.96628	0.96097	100	1.8
1920.545	1252.545	332.1069	21.31044	0.320008	1.721927	510.2024	1491.502	0.290104	0.494924	296.6626	73.90361	0.91331	100	1.6
1920.697	1252.697	332.1124	21.35542	0.317432	1.870763	512.1901	1482.213	0.287641	0.490667	305.9354	77.00871	0.949734	100	1.8
1920.85	1252.85	332.1179	21.31709	0.338191	1.651115	517.2006	1470.619	0.307746	0.525852	229.6339	56.38173	0.696577	100	0.8
1921.002	1253.002	332.1234	21.47673	0.34817	1.581605	522.8443	1499.007	0.317452	0.543106	192.4298	48.86445	0.599323	100	0.4
1921.154	1253.154	332.1289	21.49374	0.361226	1.499916	524.7171	1525.809	0.330174	0.566732	142.2701	40.35178	0.494538	100	0.1
1921.307	1253.307	332.1344	21.50624	0.349846	1.739641	524.5553	1519.324	0.319129	0.549614	181.1352	46.79917	0.573237	100	0.4
1921.459	1253.459	332.1399	21.55656	0.342153	1.81987	514.3113	1469.714	0.311684	0.538199	207.1612	51.70281	0.631864	100	0.7
1921.612	1253.612	332.1454	21.57977	0.302467	2.539622	497.1524	1383.118	0.273364	0.480556	339.5904	91.30721	1.114714	100	2.7
1921.764	1253.764	332.1509	21.53483	0.223731	2.095263	459.9868	1279.996	0.198352	0.377218	585.7141	570.0525	6.973702	100	30.2
1921.916	1253.916	332.1564	21.56966	0.142665	2.072195	418.8764	1158.164	0.122987	0.303753	791.0987	808.5094	9.875368	100	68.6
1922.069	1254.069	332.1619	21.53969	0.097162	2.01692	397.9565	1019.392	0.083824	0.27198	888.9895	900.2355	11.01083	100	100

1922.221	1254.221	332.1674	21.62761	0.122885	2.616893	415.7662	972.6854	0.105869	0.302331	816.6847	832.969	10.14775	100	82.3
1922.374	1254.374	332.1729	21.62603	0.20181	1.109069	454.5969	998.7734	0.177848	0.383333	605.5706	598.8402	7.296059	100	34.9
1922.526	1254.526	332.1784	21.65034	0.277721	0.731591	476.1579	1082.812	0.249767	0.469345	387.6256	133.7145	1.627364	100	4.3
1922.678	1254.678	332.1839	21.65205	0.311414	0.802463	480.7415	1164.987	0.28215	0.509578	287.4161	71.03427	0.864463	100	1.2
1922.831	1254.831	332.1894	21.73912	0.301201	1.143688	479.395	1238.679	0.272339	0.4895	328.6618	85.97966	1.042263	100	2
1922.983	1254.983	332.1949	21.74072	0.295815	1.378533	479.3512	1315.111	0.267186	0.479962	348.9348	96.64477	1.171478	100	2.6
1923.136	1255.136	332.2004	21.68221	0.300448	1.376767	480.4397	1356.409	0.271664	0.482778	338.8706	90.92903	1.105114	100	2.3
1923.288	1255.288	332.2059	21.61529	0.296401	1.436635	482.1912	1378.213	0.267798	0.469925	361.942	105.7687	1.289373	100	3
1923.44	1255.44	332.2114	21.56677	0.320161	1.154835	485.5572	1363.906	0.290711	0.501824	286.3007	70.70141	0.863791	100	1.3
1923.593	1255.593	332.2169	21.65368	0.317231	1.203412	488.011	1328.061	0.287907	0.491493	304.4287	76.48656	0.930818	100	1.5
1923.745	1255.745	332.2224	21.60103	0.317296	1.146558	488.8107	1306.785	0.287994	0.488394	308.5846	77.94503	0.950838	100	1.6
1923.898	1255.898	332.2279	21.53787	0.313639	1.199155	486.8109	1319.083	0.284489	0.48115	323.4185	83.69496	1.02392	100	1.8
1924.05	1256.05	332.2334	21.45001	0.314243	1.146709	485.3888	1343.728	0.285097	0.484941	317.3485	81.22745	0.997725	100	1.7
1924.202	1256.202	332.2389	21.36074	0.310527	1.135682	486.3623	1359.817	0.281538	0.476772	333.5325	88.25018	1.088431	100	2.1
1924.355	1256.355	332.2444	21.26787	0.312439	1.102897	490.0108	1364.153	0.283405	0.475902	332.1574	87.5935	1.084962	100	2
1924.507	1256.507	332.2499	21.31483	0.304966	1.215368	493.856	1366.842	0.276229	0.457326	367.694	110.6478	1.367583	100	3.1
1924.66	1256.66	332.2554	21.22587	0.289484	1.45934	494.7083	1380.924	0.261375	0.426974	430.0787	243.2152	3.018458	100	9.1
1924.812	1256.812	332.2609	21.08913	0.308874	1.266223	493.716	1405.933	0.280041	0.468113	347.5483	95.79794	1.196479	100	2.5
1924.964	1256.964	332.2664	21.0908	0.316498	1.201152	487.6991	1424.983	0.287417	0.491836	304.631	76.55625	0.956096	100	1.6
1925.117	1257.117	332.2719	21.09246	0.320646	1.154014	482.1286	1413.387	0.291446	0.511085	272.5064	66.7856	0.834019	100	1.2
1925.269	1257.269	332.2774	21.21494	0.288331	1.489976	474.3789	1386.798	0.260366	0.465858	377.8121	120.9454	1.501845	100	3.9
1925.422	1257.422	332.2829	21.29096	0.289442	1.471944	470.0589	1345.37	0.261455	0.466581	375.3105	118.1646	1.462204	100	3.7
1925.574	1257.574	332.2884	21.29835	0.307446	1.253916	469.5818	1323.671	0.278786	0.49189	316.4666	80.88306	1.000545	100	1.9
1925.726	1257.726	332.2939	21.32834	0.327408	1.02836	472.7083	1317.269	0.298079	0.522811	247.1721	60.37021	0.745777	100	0.8
1925.879	1257.879	332.2994	21.3539	0.318246	1.139687	475.7562	1322.431	0.28925	0.506615	281.7069	69.35753	0.855809	100	1.2
1926.031	1258.031	332.3049	21.35559	0.307278	1.293721	477.1564	1333.718	0.278697	0.484689	326.5273	85.03096	1.049137	100	2
1926.184	1258.184	332.3104	21.39517	0.296105	1.411663	476.1642	1346.372	0.267973	0.457625	378.675	121.9449	1.501888	100	3.7
1926.336	1258.336	332.3159	21.32248	0.28748	1.499016	473.6163	1342.779	0.259718	0.438173	416.9106	201.0175	2.484045	100	7.3
1926.488	1258.488	332.3214	21.39308	0.277798	1.59611	470.1691	1315.819	0.25047	0.426849	445.3002	286.4972	3.528961	100	11.4
1926.641	1258.641	332.3269	21.4106	0.256981	1.792533	466.2003	1271.978	0.230629	0.402753	505.9338	430.333	5.296499	100	19.5
1926.793	1258.793	332.3324	21.44489	0.255566	1.587458	462.6283	1224.902	0.229306	0.411921	495.107	407.5383	5.008163	100	18.4
1926.946	1258.946	332.338	21.44663	0.252437	1.409651	462.4106	1183.51	0.226355	0.407764	504.915	428.2345	5.262145	100	19.6
1927.098	1259.098	332.3434	21.58119	0.255588	1.233025	467.2535	1159.52	0.229376	0.405277	504.1789	426.7125	5.21154	100	19
1927.25	1259.25	332.3489	21.63652	0.255308	1.178804	478.5259	1135.381	0.229134	0.391499	523.5272	465.1383	5.666718	100	20.8
1927.403	1259.403	332.3544	21.61746	0.241426	1.176919	496.6147	1114.98	0.215976	0.328677	628.3786	629.731	7.678638	100	30.5
1927.555	1259.555	332.3599	21.74552	0.259392	0.687321	527.4044	1083.753	0.233069	0.255252	706.1163	721.9595	8.752686	100	32.3
1927.708	1259.708	332.3655	21.84491	0.310033	0.199693	565.641	1066.298	0.281618	0.181773	740.5214	758.2549	9.15199	100	27.8
1927.86	1259.86	332.3709	21.97467	0.34953	0.046515	600.3658	1078.257	0.319863	0.167827	706.9882	722.9063	8.675165	100	23
1928.012	1260.012	332.3764	21.95192	0.35147	0.012965	620.4992	1126.548	0.321772	0.233349	613.9329	610.4177	7.332755	100	19
1928.165	1260.165	332.382	21.81276	0.345222	0.036115	626.3958	1177.278	0.315728	0.306823	520.8799	460.0679	5.561133	100	14.2
1928.317	1260.317	332.3874	21.77069	0.337411	0.059809	629.7748	1201.197	0.308175	0.293984	549.0202	511.2273	6.191269	100	16.5
1928.47	1260.47	332.393	21.82377	0.339262	0.046449	630.6272	1200.893	0.309994	0.258751	595.1319	583.9443	7.055208	100	18.9
1928.622	1260.622	332.3985	21.98575	0.336559	0.008525	628.2039	1216.207	0.307398	0.211775	663.5424	673.5912	8.079901	100	22.2
1928.774	1260.774	332.4039	22.12958	0.328738	0.012268	612.5645	1237.546	0.299849	0.211189	674.7681	686.7877	8.186079	100	23.1
1928.927	1260.927	332.4095	22.11724	0.310108	0.057532	586.1144	1275.785	0.281883	0.243112	655.5065	663.9219	7.917938	100	23.7
1929.079	1261.079	332.415	22.10691	0.301335	0.202187	551.7581	1317.935	0.27346	0.348115	522.2254	462.6521	5.520176	100	16.5
1929.232	1261.232	332.4205	22.26696	0.329476	0.375001	521.2287	1363.157	0.300636	0.478022	305.4527	76.84063	0.910419	100	1
1929.384	1261.384	332.426	22.31403	0.313157	0.725611	500.4529	1398.658	0.284895	0.494343	304.6518	76.56344	0.905282	100	1.3
1929.536	1261.536	332.4314	22.44273	0.282753	1.258255	492.4373	1414.874	0.255696	0.472278	375.3957	118.2566	1.390469	100	3.5
1929.689	1261.689	332.437	22.63927	0.262926	1.684335	490.7921	1413.62	0.236774	0.462445	415.0781	194.88	2.272084	100	7.4
1929.841	1261.841	332.4425	22.83308	0.265348	1.793954	489.0186	1401.376	0.239107	0.458647	417.0992	201.6693	2.331867	100	7.6
1929.994	1261.994	332.448	23.02857	0.270773	1.788239	485.2926	1381.34	0.24431	0.449111	423.0792	222.1557	2.547601	100	8.2
1930.146	1262.146	332.4535	23.11547	0.273075	1.719425	481.6026	1371.659	0.246533	0.429232	447.4453	292.3343	3.340194	100	11
1930.298	1262.298	332.459	23.05775	0.271239	1.637307	479.1071	1367.989	0.244803	0.422455	459.1845	323.2033	3.701916	100	12.4
1930.451	1262.451	332.4645	23.05962	0.280182	1.469568	477.8787	1363.526	0.253378	0.440295	422.7308	221.0877	2.532134	100	7.8
1930.603	1262.603	332.47	23.00195	0.300362	1.22732	477.5329	1358.909	0.272765	0.474978	348.114	96.14092	1.103802	100	2.3
1930.756	1262.756	332.4755	23.09777	0.306738	1.14683	476.8393	1350.166	0.278926	0.48367	327.6186	85.51269	0.977837	100	1.8
1930.908	1262.908	332.481	23.05477	0.314874	1.061032	476.3786	1355.187	0.286793	0.49702	298.3388	74.44661	0.852848	100	1.3
1931.06	1263.06	332.4865	23.01494	0.295092	1.226482	475.8589	1358.468	0.267773	0.463241	371.201	113.9439	1.307531	100	3.1
1931.213	1263.213	332.492	23.11027	0.281404	1.406936	476.0547	1362.207	0.254669	0.443531	416.4847	199.5601	2.280854	100	6.8
1931.365	1263.365	332.4975	23.0409	0.278164	1.43457	477.0315	1365.371	0.251592	0.43971	426.0035	231.0467	2.648476	100	8.2
1931.518	1263.518	332.503	22.9722	0.267247	1.630132	478.5959	1367.327	0.241184	0.4196	468.1174	345.5346	3.972392	100	13.7
1931.67	1263.67	332.5085	23.06802	0.276416	1.459607	480.5246	1369.647	0.249969	0.429546	442.2696	278.143	3.184777	100	10.2
1931.822	1263.822	332.514	23.03601	0.273516	1.536666	482.4564	1375.198	0.24722	0.416415	464.1849	335.8226	3.85045	100	12.8
1931.975	1263.975	332.5195	23.04649	0.293344	1.311246	484.5	1385.123	0.266239	0.449136	392.7829	141.872	1.625967	100	4.2
1932.127	1264.127	332.525	23.08384	0.296949	1.300266	486.0151	1398.325	0.269726	0.452941	382.7195	126.929	1.452442	100	3.5
1932.28	1264.28	332.5305	23.16198	0.297365	1.304863	485.7941	1393.386	0.270149	0.447789	389.246	136.156	1.552945	100	3.9
1932.432	1264.432	332.536	22.98394	0.298437	1.331206	483.6662	1370.658	0.271204	0.448792	386.4055	131.9446	1.516242	100	3.7
1932.584	1264.584	332.5415	22.81387	0.284487	1.476811	480.5767	1341.763	0.257839	0.43122	429.0984	240.3115	2.781571	100	8.5
1932.737	1264.737	332.547	22.8898	0.277901	1.486733	478.4555	1325.544	0.251558	0.431445	437.456	264.6092	3.052979	100	9.7
1932.889	1264.889	332.5525	22.90404	0.286796	1.276944	477.6929	1316.951	0.260101	0.454373	394.027	144.018	1.660652	100	4.4
1933.042	1265.042	332.558	22.90653	0.302116	1.095894	477.2357	1307.253	0.274839	0.480992	336.9536	89.9422	1.037015	100	2
1933.194	1265.194	332.5635	22.76034	0.302325	1.097031	475.9414	1296.175	0.275064	0.478227	340.4584	91.76901	1.064694	100	2.1
1933.346	1265.346	332.569	22.70916	0.300182	1.146907	475.2477	1300.667	0.273026	0.468933	356.0963	101.3801	1.178792	100	2.5
1933.499	1265.499	332.5745	22.69764	0.299658	1.197188	478.8929	1322.948	0.272546	0.457605	372.3918	115.1251	1.339289	100	3.1
1933.651	1265.651	332.58	22.83357	0.302496	1.197182	483.3354	1348.47	0.2753	0.458104	367.9022	110.8363	1.281949	100	2.8
1933.804	1265.804	332.5855	22.84795	0.279964	1.482955	484.1844	1358.741	0.253701	0.420082	450.1797	299.6855	3.46413	100	11.1
1933.956	1265.956	332.591	22.76002	0.277036	1.509224	480.0971	1349.898	0.250923	0.426545	445.0942	285.9333	3.317617	100	10.7
1934.108	1266.108	332.5965	22.68555	0.277393	1.433166	474.4969	1321.749	0.251288	0.425913	445.4637	286.9444	3.340016	100	10.7
1934.261	1266.261	332.602	22.57158	0.304664	1.075491	472.7335	1298.246	0.277483	0.46312	357.9681	102.7291	1.201649	100	2.5

1934.413	1266.413	332.6075	22.63418	0.30987	0.982394	476.3883	1298.359	0.282521	0.459835	355.5486	100.9947	1.178196	100	2.3
1934.566	1266.566	332.613	22.6229	0.340007	0.782707	484.2508	1326.58	0.311681	0.511156	244.4843	59.73752	0.69724	100	0.5
1934.718	1266.718	332.6185	22.75546	0.334723	0.898488	489.3037	1362.01	0.306583	0.504599	260.5691	63.6536	0.738747	100	0.7
1934.87	1266.87	332.624	22.76706	0.332628	1.05338	488.8463	1379.035	0.304578	0.507444	259.4095	63.3603	0.734988	100	0.8
1935.023	1267.023	332.6295	22.61266	0.300824	1.446276	483.8731	1361.02	0.273909	0.463645	362.176	105.9556	1.237276	100	2.8
1935.175	1267.175	332.635	22.46139	0.27982	1.659289	477.8528	1326.535	0.253779	0.438666	424.4262	226.2678	2.659548	100	8.3
1935.328	1267.328	332.6405	22.32712	0.26215	1.773953	475.1967	1293.065	0.236927	0.4119	484.6196	384.3664	4.544353	100	16.2
1935.48	1267.48	332.646	22.3951	0.280648	1.328455	476.4558	1275.928	0.25462	0.442494	417.9832	204.7748	2.413917	100	7.3
1935.632	1267.632	332.6515	22.45309	0.282575	1.282272	479.3394	1270.353	0.256489	0.437741	421.9629	218.7262	2.571926	100	7.7
1935.785	1267.785	332.657	22.54299	0.285591	1.288702	478.3471	1270.999	0.259403	0.435578	420.9258	215.5222	2.524444	100	7.5
1935.937	1267.937	332.6625	22.69029	0.269037	1.559241	471.3818	1257.804	0.243591	0.400798	490.7439	398.033	4.632828	100	16
1936.09	1268.09	332.668	22.69249	0.278507	1.393816	462.2471	1232.893	0.252667	0.422437	448.3563	294.7947	3.430925	100	11
1936.242	1268.242	332.6735	22.82771	0.275023	1.369465	460.8576	1191.345	0.249358	0.409361	470.9674	352.4595	4.078472	100	13.5
1936.394	1268.394	332.679	22.96086	0.30803	0.922867	469.4747	1196.515	0.281061	0.442482	381.51	125.3846	1.442725	100	3.2
1936.547	1268.547	332.6845	22.87243	0.322713	0.750138	477.3437	1227.138	0.295252	0.450085	351.4358	98.22686	1.134496	100	1.9
1936.699	1268.699	332.69	23.03431	0.321869	0.728419	483.4074	1263.899	0.294461	0.470529	324.3149	84.07485	0.964426	100	1.4
1936.852	1268.852	332.6956	23.19694	0.301348	0.91552	484.4959	1295.211	0.274702	0.460894	364.8779	108.1828	1.23254	100	2.6
1937.004	1269.004	332.701	23.10697	0.297542	1.070072	483.9827	1312.304	0.271066	0.46797	360.1305	104.3522	1.193403	100	2.6
1937.156	1269.156	332.7065	23.08937	0.335872	0.859411	484.4804	1347.887	0.308082	0.51906	238.5439	58.36756	0.668011	100	0.5
1937.309	1269.309	332.7121	23.09291	0.32357	1.021598	486.3401	1386.688	0.296201	0.489705	295.4503	73.5155	0.841263	100	1.1
1937.461	1269.461	332.7175	22.97838	0.310151	1.188444	487.9143	1410.322	0.283273	0.459984	354.3056	100.1351	1.15144	100	2.3
1937.614	1269.614	332.7231	22.91744	0.277952	1.615785	489.0651	1416.215	0.252376	0.392457	490.1302	396.6808	4.573218	100	15.2
1937.766	1269.766	332.7286	23.01084	0.27974	1.616916	489.9204	1415.333	0.254111	0.396405	482.2874	379.0594	4.352887	100	14.3
1937.918	1269.918	332.734	23.09579	0.293897	1.426896	489.043	1411.212	0.267708	0.424506	424.7454	227.238	2.600174	100	7.6
1938.071	1270.071	332.7396	23.10027	0.314428	1.185068	486.8036	1415.299	0.287493	0.46663	339.3103	91.15952	1.042911	100	1.9
1938.223	1270.223	332.7451	23.01121	0.314938	1.170553	484.3672	1409.871	0.288009	0.476991	324.2997	84.06838	0.96541	100	1.7
1938.376	1270.376	332.7506	22.93335	0.311972	1.222104	483.6736	1394.468	0.285173	0.479905	324.1914	84.02226	0.968075	100	1.7
1938.528	1270.528	332.7561	22.93977	0.314525	1.208648	485.0607	1387.061	0.287659	0.486339	311.8835	79.14555	0.91165	100	1.5
1938.68	1270.68	332.7615	23.017	0.31289	1.261003	487.2289	1391.531	0.286106	0.478456	324.9046	84.32707	0.96818	100	1.7
1938.833	1270.833	332.7671	22.96247	0.305679	1.326037	488.4978	1409.665	0.279182	0.461537	357.8086	102.6122	1.180848	100	2.5
1938.985	1270.985	332.7726	22.86962	0.313731	1.265858	488.8773	1421.211	0.286966	0.476622	326.2491	84.90924	0.980991	100	1.8
1939.138	1271.138	332.7781	22.86995	0.305111	1.362424	488.6562	1420.786	0.278683	0.461895	358.0024	102.7543	1.18716	100	2.6
1939.29	1271.29	332.7836	22.82474	0.306465	1.351499	489.4492	1411.183	0.280011	0.462374	355.5099	100.9676	1.168779	100	2.5
1939.442	1271.442	332.7891	22.89265	0.310234	1.30017	490.1274	1394.141	0.283666	0.465909	345.5875	94.63497	1.092328	100	2.2
1939.595	1271.595	332.7946	22.93679	0.315152	1.224126	490.3823	1385.625	0.288432	0.476103	324.9421	84.34318	0.971726	100	1.7
1939.747	1271.747	332.8001	22.94704	0.306775	1.272169	489.0289	1380.522	0.280381	0.466253	349.6454	97.08697	1.118077	100	2.3
1939.9	1271.9	332.8056	22.87001	0.295215	1.386423	487.9185	1375.698	0.269286	0.451638	385.1246	130.1467	1.503725	100	3.8
1940.052	1272.052	332.8111	22.78795	0.270648	1.717156	491.0909	1360.953	0.245779	0.412669	471.3426	353.3642	4.09714	100	14
1940.204	1272.204	332.8166	22.75019	0.254645	2.015984	505.7763	1326.539	0.23055	0.384485	531.2524	479.6163	5.570035	100	20.8
1940.357	1272.357	332.8221	22.8207	0.244375	2.063187	532.4571	1285.138	0.220819	0.355252	585.0222	569.014	6.588484	100	25.9
1940.509	1272.509	332.8276	22.85012	0.25096	1.689216	558.2814	1255.575	0.227095	0.347184	587.495	572.7138	6.623103	100	25.3
1940.662	1272.662	332.8331	22.83136	0.252212	1.623335	568.2244	1254.434	0.228308	0.327988	612.3122	608.1975	7.039157	100	26.8
1940.814	1272.814	332.8386	22.85645	0.275448	1.440967	559.0995	1272.484	0.250485	0.375399	516.2808	451.1219	5.215687	100	17.7
1940.966	1272.966	332.8441	22.88127	0.294968	1.336938	531.9797	1293.189	0.269217	0.424567	422.5786	220.6204	2.548065	100	7.3
1941.119	1273.119	332.8496	22.80368	0.288866	1.452781	506.6816	1291.335	0.263384	0.427083	427.1555	234.5126	2.717506	100	8.1
1941.271	1273.271	332.8551	22.72664	0.259224	2.014214	490.7073	1292.812	0.235076	0.385715	523.3084	464.7215	5.402961	100	19.8
1941.424	1273.424	332.8606	22.65292	0.237049	2.504052	487.2766	1302.845	0.214045	0.34361	610.4355	605.6127	7.063374	100	28.9
1941.576	1273.576	332.8661	22.50266	0.2623	1.883064	489.1888	1334.745	0.238054	0.391491	511.2286	441.0883	5.177997	100	18.6
1941.728	1273.728	332.8716	22.35892	0.303249	1.289861	493.3884	1378.558	0.277298	0.461828	360.0067	104.2573	1.231571	100	2.7
1941.881	1273.881	332.8771	22.3838	0.328398	1.218292	496.7972	1422.385	0.301589	0.504518	267.5723	65.46509	0.772498	100	1
1942.033	1274.033	332.8826	22.32042	0.338105	1.299527	501.1805	1461.086	0.311014	0.519946	233.2751	57.18362	0.676651	100	0.6
1942.186	1274.186	332.8881	22.25207	0.348653	1.302301	505.3606	1485.975	0.321273	0.536904	195.7151	49.48286	0.587289	100	0.3
1942.338	1274.338	332.8936	22.15759	0.358469	1.22506	508.0768	1509.716	0.33084	0.550877	163.2312	43.7079	0.520912	100	0.1
1942.49	1274.49	332.8991	22.09573	0.347487	1.338784	508.873	1515.761	0.320189	0.530411	206.1731	51.50706	0.615548	100	0.4
1942.643	1274.643	332.9046	22.15949	0.341952	1.367827	508.4158	1512.364	0.31484	0.521971	225.201	55.42274	0.660492	100	0.6
1942.795	1274.795	332.9101	22.14357	0.349817	1.240629	507.7188	1496.528	0.3225	0.539377	190.6097	48.52533	0.578706	100	0.3
1942.948	1274.948	332.9156	22.04699	0.352434	1.179926	507.3796	1487.425	0.325067	0.545578	178.5095	46.33213	0.554919	100	0.2
1943.1	1275.1	332.9211	21.96339	0.336606	1.313196	506.9813	1488.031	0.309729	0.518451	237.111	58.04276	0.697769	100	0.7
1943.252	1275.252	332.9266	21.89524	0.333245	1.349478	506.1595	1493.582	0.306497	0.510996	251.8605	61.49393	0.741514	100	0.9
1943.405	1275.405	332.9321	21.897	0.311119	1.615881	504.396	1501.827	0.285142	0.473702	332.7956	87.89665	1.059817	100	2.2
1943.557	1275.557	332.9376	21.80902	0.310729	1.585332	501.4247	1494.379	0.28479	0.477208	328.443	85.88121	1.039611	100	2.1
1943.71	1275.71	332.9431	21.83167	0.298466	1.75161	498.1744	1493.594	0.27301	0.458111	371.0527	113.7992	1.376185	100	3.4
1943.862	1275.862	332.9486	21.97159	0.298938	1.70073	493.9527	1499.478	0.273487	0.45806	370.4649	113.23	1.3608	100	3.3
1944.014	1276.014	332.9541	21.97832	0.303997	1.652837	493.3672	1518.279	0.278378	0.461097	359.5244	103.89	1.248194	100	2.9
1944.167	1276.167	332.9596	22.06956	0.314758	1.500473	493.4448	1530.461	0.288771	0.475379	325.4737	84.57227	1.012012	100	1.9
1944.319	1276.319	332.9651	22.04788	0.320377	1.489385	493.2237	1534.835	0.294219	0.482639	307.9368	77.71388	0.930847	100	1.6
1944.472	1276.472	332.9706	22.0006	0.311407	1.553336	491.877	1528.582	0.285587	0.471609	335.0694	88.99974	1.068277	100	2.2
1944.624	1276.624	332.9761	22.13405	0.315654	1.442162	491.0552	1515.735	0.289708	0.485469	310.256	78.54834	0.937291	100	1.7
1944.776	1276.776	332.9816	22.1489	0.308949	1.478466	489.3343	1485.025	0.283267	0.481078	325.2042	84.45593	1.007137	100	2
1944.929	1276.929	332.9871	22.11292	0.292833	1.69867	485.1323	1444.184	0.26779	0.456802	380.0641	123.5997	1.476286	100	3.8
1945.081	1277.081	332.9926	22.08516	0.287036	1.719628	478.4589	1381	0.262252	0.45307	392.8569	141.9975	1.698133	100	4.7
1945.234	1277.234	332.9981	22.08689	0.274571	1.696966	471.1654	1316.861	0.250342	0.436961	431.5227	247.4664	2.959236	100	9.6
1945.386	1277.386	333.0036	22.08861	0.268267	1.647487	467.6394	1275.78	0.244344	0.430532	448.6719	295.6444	3.53513	100	12
1945.538	1277.538	333.0091	22.16513	0.261702	1.624458	467.0015	1246.631	0.238106	0.413734	480.4602	374.8612	4.46731	100	15.9
1945.691	1277.691	333.0146	22.24101	0.263022	1.524898	468.6806	1240.263	0.239388	0.405002	490.7408	398.0263	4.727646	100	16.7
1945.843	1277.843	333.0201	22.35876	0.27372	1.321973	469.1815	1238.739	0.249624	0.4196	456.4699	316.2227	3.736765	100	12.3
1945.996	1277.996	333.0257	22.50788	0.274983	1.228899	467.418	1239.736	0.250855	0.430185	440.1649	272.266	3.196602	100	10.3
1946.148	1278.148	333.0311	22.56877	0.257593	1.409982	464.2694	1238.953	0.234289	0.411568	488.7175	393.5536	4.608523	100	16.6
1946.3	1278.3	333.0366	22.56987	0.261011	1.314687	463.5133	1242.229	0.237568	0.419994	472.5646	356.2995	4.17213	100	14.7
1946.453	1278.453	333.0422	22.58208	0.276124	1.239121	466.8007	1256.791	0.252018	0.438461	427.1384	234.4613	2.74404	100	8.6

1946.605	1278.605	333.0476	22.57125	0.306312	1.038304	472.615	1285.991	0.281013	0.480131	329.6211	86.41492	1.01185	100	1.8
1946.758	1278.758	333.0532	22.6463	0.313065	1.060314	478.5179	1320.51	0.287545	0.486731	311.4986	79.00342	0.922094	100	1.5
1946.91	1278.91	333.0587	22.65269	0.315047	1.093919	481.2999	1347.741	0.289481	0.487283	308.0665	77.76005	0.907344	100	1.4
1947.062	1279.062	333.0641	22.65008	0.290852	1.356113	480.4846	1371.47	0.266223	0.445889	397.2865	150.0071	1.750578	100	4.7
1947.215	1279.215	333.0697	22.57763	0.284493	1.479333	478.8393	1377.105	0.260149	0.432568	424.0512	225.1261	2.635454	100	8
1947.367	1279.367	333.0751	22.49886	0.287905	1.407412	478.0208	1375.133	0.263444	0.438762	410.9564	182.2723	2.141086	100	6.1
1947.52	1279.52	333.0807	22.56881	0.302015	1.186719	478.6334	1366.979	0.277021	0.459306	363.8689	107.3359	1.257045	100	2.8
1947.672	1279.672	333.0862	22.7553	0.310416	1.113474	479.725	1371.995	0.285135	0.470696	336.9536	89.9422	1.04495	100	1.9
1947.824	1279.824	333.0916	22.96317	0.314472	1.093765	481.6568	1368.688	0.28907	0.474345	326.4877	85.01361	0.979006	100	1.7
1947.977	1279.977	333.0972	22.96555	0.317273	1.089177	482.6238	1356.622	0.291796	0.477557	318.2931	81.6001	0.939613	100	1.5
1948.129	1280.129	333.1027	22.99486	0.336846	0.921178	483.1838	1346.721	0.31075	0.514193	241.5791	59.06275	0.679265	100	0.5
1948.282	1280.282	333.1082	22.99244	0.333335	0.942947	482.8447	1342.014	0.307373	0.510833	250.8757	61.25572	0.704566	100	0.6
1948.434	1280.434	333.1137	23.17097	0.317885	1.080526	483.1617	1341.444	0.292458	0.488963	301.6392	75.53859	0.862355	100	1.3
1948.586	1280.586	333.1192	23.25554	0.319853	1.051727	484.7324	1346.984	0.294383	0.491376	295.653	73.58013	0.837041	100	1.2
1948.739	1280.739	333.1247	23.27482	0.325667	1.011505	488.0231	1355.716	0.300025	0.497083	279.991	68.86624	0.782796	100	0.9
1948.891	1280.891	333.1302	23.32423	0.331681	0.965827	490.3782	1373.563	0.305868	0.502423	264.5586	64.67686	0.733673	100	0.7
1949.044	1281.044	333.1357	23.27876	0.333405	1.004858	491.5848	1381.819	0.307561	0.506037	257.2346	62.81507	0.713913	100	0.7
1949.196	1281.196	333.1412	23.15271	0.312117	1.213178	490.0575	1381.177	0.287013	0.470433	334.7259	88.83076	1.014938	100	1.9
1949.348	1281.348	333.1467	23.10108	0.29512	1.399101	487.0303	1366.638	0.270679	0.445296	391.9548	140.4837	1.608604	100	4.1
1949.501	1281.501	333.1522	23.07057	0.287653	1.425532	484.4889	1340.397	0.263536	0.437247	412.9196	188.0802	2.156399	100	6.2
1949.653	1281.653	333.1577	23.09583	0.28454	1.427393	484.5008	1319.135	0.260576	0.433654	421.9627	218.7258	2.505126	100	7.5
1949.806	1281.806	333.1632	23.16429	0.289391	1.353096	485.8879	1315.26	0.265251	0.449218	394.0331	144.0287	1.644884	100	4.4
1949.958	1281.958	333.1687	23.09232	0.286277	1.397146	486.2082	1328.155	0.262289	0.457593	386.5628	132.1696	1.514035	100	4
1950.11	1282.11	333.1742	22.93264	0.268795	1.624639	482.7576	1330.476	0.245589	0.446727	424.6041	226.8087	2.615762	100	8.5
1950.263	1282.263	333.1797	22.91267	0.266093	1.668354	476.7736	1322.915	0.243034	0.443765	432.2172	249.5001	2.879934	100	9.6
1950.415	1282.415	333.1852	22.85637	0.271918	1.568578	471.2882	1302.177	0.248619	0.442284	426.554	232.7054	2.692544	100	8.7
1950.568	1282.568	333.1907	22.77224	0.284087	1.39143	470.0005	1297.705	0.260286	0.448785	401.4833	158.5804	1.841489	100	5.2
1950.72	1282.72	333.1962	22.6924	0.304142	1.224504	471.742	1301.788	0.279569	0.476914	336.0535	89.48864	1.042744	100	2
1950.872	1282.872	333.2017	22.63921	0.297608	1.321113	473.91	1311.837	0.273308	0.46342	363.3156	106.8793	1.248248	100	2.8
1951.025	1283.025	333.2072	22.59455	0.283442	1.537115	474.1058	1297.141	0.259739	0.436753	418.841	207.8707	2.432434	100	7.3
1951.177	1283.177	333.2127	22.55671	0.27388	1.608539	474.0061	1278.89	0.250613	0.418415	456.7415	316.9253	3.71466	100	12.3
1951.33	1283.33	333.2182	22.52568	0.280898	1.490659	474.3824	1260.158	0.25735	0.429995	431.4639	247.294	2.902442	100	9.1
1951.482	1283.482	333.2237	22.39837	0.296215	1.218133	476.068	1268.944	0.272065	0.45283	379.6448	123.0941	1.452752	100	3.5
1951.634	1283.634	333.2292	22.32622	0.294429	1.188698	479.0763	1302.81	0.270373	0.449209	386.9759	132.7649	1.571843	100	3.9
1951.787	1283.787	333.2347	22.37502	0.304874	1.015383	480.6405	1343.897	0.280441	0.469671	344.8465	94.20566	1.112971	100	2.2
1951.939	1283.939	333.2402	22.40114	0.288485	1.124493	480.0059	1371.727	0.264716	0.444546	401.219	158.0094	1.864667	100	5
1952.092	1284.092	333.2457	22.32877	0.282081	1.165383	476.6965	1369.989	0.258602	0.433516	424.8774	227.639	2.694888	100	8.2
1952.244	1284.244	333.2512	22.39824	0.260358	1.382955	476.1636	1343.816	0.237877	0.385974	519.086	456.5995	5.389139	100	19.4
1952.396	1284.396	333.2567	22.48406	0.255609	1.396803	478.0986	1314.327	0.23338	0.368432	549.5003	512.0508	6.021207	100	22.3
1952.549	1284.549	333.2622	22.60507	0.258463	1.319871	483.1714	1307.12	0.236121	0.373338	538.9471	493.5848	5.773865	100	21.1
1952.701	1284.701	333.2677	22.73205	0.273898	1.242835	487.6761	1324.57	0.250868	0.405876	473.6927	358.9942	4.176658	100	13.9
1952.854	1284.854	333.2732	22.71376	0.296733	1.216016	490.0117	1364.317	0.272777	0.450922	381.2947	125.1147	1.456785	100	3.5
1953.006	1285.006	333.2787	22.63897	0.298755	1.434309	489.5049	1387.281	0.274744	0.451428	377.8822	121.0258	1.413726	100	3.4
1953.158	1285.158	333.2842	22.57767	0.301017	1.487309	489.4052	1397.145	0.276944	0.453358	372.1831	114.9157	1.345919	100	3.2
1953.311	1285.311	333.2897	22.50285	0.304802	1.416174	491.4421	1396.834	0.28061	0.456172	363.2418	106.8188	1.255155	100	2.8
1953.463	1285.463	333.2952	22.61969	0.30906	1.352792	496.5409	1400.935	0.284734	0.459407	353.0858	99.3114	1.161082	100	2.4
1953.616	1285.616	333.3007	22.71078	0.342257	1.035899	502.2044	1417.028	0.316856	0.517899	228.038	56.03432	0.652565	100	0.4
1953.768	1285.768	333.3062	22.57608	0.360711	0.95749	505.8821	1445.753	0.334815	0.548435	161.1158	43.35672	0.507864	94.3	0
1953.92	1285.92	333.3117	22.5299	0.374193	0.905218	506.383	1478.184	0.34798	0.569956	113.2487	36.1299	0.424062	74.5	0
1954.073	1286.073	333.3172	22.51474	0.353722	1.0785	506.8183	1503.09	0.328063	0.533299	191.3207	48.65751	0.571482	100	0.2
1954.225	1286.225	333.3227	22.56037	0.347872	1.110116	508.7468	1526.825	0.322402	0.518837	219.0909	54.13084	0.634522	100	0.4
1954.378	1286.378	333.3282	22.60795	0.346496	1.129516	510.7246	1539.231	0.32109	0.511891	230.4868	56.56839	0.661743	100	0.5
1954.53	1286.53	333.3337	22.6076	0.33555	1.229471	511.2287	1540.04	0.310496	0.489026	276.6591	67.92786	0.794649	100	1
1954.682	1286.682	333.3392	22.64045	0.322664	1.356847	509.2156	1528.95	0.298052	0.467351	323.7437	83.83231	0.979333	100	1.7
1954.835	1286.835	333.3447	22.68931	0.300621	1.555302	507.5703	1507.125	0.276825	0.427437	408.1182	174.4619	2.033823	100	5.5
1954.987	1286.987	333.3502	22.67798	0.317202	1.35113	507.9431	1500.796	0.292825	0.459241	342.1489	92.68699	1.081055	100	2.1
1955.14	1287.14	333.3558	22.61197	0.340012	1.126781	509.9833	1513.195	0.314917	0.497043	259.4964	63.38222	0.74137	100	0.8
1955.292	1287.292	333.3612	22.55684	0.345385	1.089906	511.6164	1538.432	0.320153	0.505806	240.1769	58.74036	0.688719	100	0.6
1955.444	1287.444	333.3667	22.59783	0.343376	1.092608	508.8845	1554	0.318228	0.508295	239.3995	58.56254	0.685429	100	0.6
1955.597	1287.597	333.3723	22.61777	0.319463	1.356063	503.9145	1535.634	0.295103	0.476374	315.3623	80.45657	0.940885	100	1.6
1955.749	1287.749	333.3777	22.66046	0.315094	1.332378	497.2345	1496.952	0.29091	0.479898	316.2859	80.81294	0.94333	100	1.6
1955.902	1287.902	333.3833	22.6889	0.298185	1.487889	490.4791	1452.065	0.274649	0.452434	376.6263	119.6061	1.394476	100	3.4
1956.054	1288.054	333.3887	22.71848	0.300696	1.417542	483.9107	1411.623	0.277087	0.456647	367.4468	110.4253	1.285821	100	3
1956.206	1288.206	333.3942	22.65342	0.300308	1.359776	478.1923	1385.596	0.276738	0.453965	371.63	114.3657	1.335446	100	3.1
1956.359	1288.359	333.3998	22.5909	0.293367	1.375742	476.3073	1360.542	0.270092	0.440734	399.0603	153.5053	1.797332	100	4.8
1956.511	1288.511	333.4052	22.54745	0.30196	1.211569	478.4097	1353.96	0.278375	0.461028	359.6244	103.9659	1.219596	100	2.6
1956.664	1288.664	333.4108	22.533	0.307226	1.227746	481.4641	1359.834	0.283468	0.472816	336.3285	89.62657	1.052055	100	2
1956.816	1288.816	333.4163	22.51727	0.302667	1.329889	482.3259	1377.052	0.279102	0.464893	353.2863	99.4455	1.168121	100	2.5
1956.968	1288.968	333.4217	22.56025	0.300516	1.426185	480.6705	1366.466	0.277057	0.454502	370.4484	113.2142	1.327401	100	3.1
1957.121	1289.121	333.4273	22.37767	0.302126	1.385016	477.1806	1322.853	0.278629	0.450143	374.2945	117.0825	1.38369	100	3.3
1957.273	1289.273	333.4328	22.35452	0.300696	1.289088	474.9247	1259.775	0.277278	0.441358	388.2826	134.6917	1.593425	100	3.9
1957.426	1289.426	333.4383	22.43093	0.290832	1.336803	475.5372	1243.893	0.267825	0.416883	435.1038	257.8749	3.040606	100	9.1
1957.578	1289.578	333.4438	22.38777	0.287301	1.280274	478.2369	1263.649	0.264461	0.408124	451.8321	304.0796	3.592191	100	11.2
1957.73	1289.73	333.4493	22.40841	0.28725	1.299973	481.0647	1300.142	0.264437	0.41619	440.7349	273.8636	3.232374	100	9.9
1957.883	1289.883	333.4548	22.33954	0.299951	1.172517	481.7363	1310.755	0.276656	0.450055	377.1399	120.1814	1.422767	100	3.3
1958.035	1290.035	333.4603	22.2235	0.309835	1.124449	480.9834	1320.5	0.286194	0.477889	325.5656	84.61204	1.006796	100	1.8
1958.188	1290.188	333.4658	22.09985	0.297533	1.223836	478.3272	1330.646	0.274379	0.461082	365.0641	108.3411	1.296206	100	3
1958.34	1290.34	333.4713	22.03678	0.292864	1.264027	476.7833	1330.848	0.269918	0.456445	377.6198	120.7255	1.44843	100	3.6
1958.492	1290.492	333.4768	21.97753	0.282043	1.339694	474.7111	1321.344	0.259566	0.437279	418.355	206.1064	2.479351	100	7.4
1958.645	1290.645	333.4823	21.9304	0.286546	1.312394	473.302	1320.91	0.263903	0.444576	402.2988	160.3701	1.933244	100	5.4

1958.797	1290.797	333.4878	21.86692	0.294406	1.225635	472.4802	1332.647	0.27147	0.458419	372.7535	115.4904	1.396193	100	3.3
1958.95	1290.95	333.4933	21.83113	0.303974	1.148299	473.5685	1341.132	0.280693	0.473684	338.9599	90.97571	1.101606	100	2.2
1959.102	1291.102	333.4988	21.95912	0.318202	1.005459	476.334	1345.974	0.294432	0.496035	289.1564	71.55905	0.861566	100	1.2
1959.254	1291.254	333.5043	21.94684	0.297992	1.22624	477.4288	1347.095	0.274986	0.462867	361.7627	105.6261	1.272443	100	2.9
1959.407	1291.407	333.5098	21.89143	0.275634	1.544473	474.4739	1342.735	0.253574	0.425912	442.3088	278.2518	3.360346	100	10.9
1959.559	1291.559	333.5153	21.95332	0.251504	2.048896	468.3978	1327.731	0.230595	0.386849	527.9277	473.4427	5.701909	100	21.6
1959.712	1291.712	333.5208	21.8967	0.237785	2.130247	463.838	1304.359	0.217605	0.357891	585.8155	570.2045	6.884706	100	28
1959.864	1291.864	333.5263	21.8774	0.261822	1.596491	466.1044	1292.987	0.240461	0.403328	491.5708	399.849	4.832043	100	17.2
1960.016	1292.016	333.5318	21.8996	0.296409	1.22969	476.5298	1318.984	0.273584	0.458344	369.9394	112.7277	1.360943	100	3.2
1960.169	1292.169	333.5373	21.9133	0.342487	0.990454	490.7525	1368.119	0.318102	0.531677	207.3051	51.73139	0.624171	100	0.3
1960.321	1292.321	333.5428	21.93041	0.371864	0.873442	504.65	1431.652	0.346706	0.571279	113.1799	36.12043	0.435488	75.9	0
1960.474	1292.474	333.5483	21.98341	0.376367	0.913568	514.2976	1492.792	0.351124	0.571006	107.4599	35.34244	0.42511	74	0
1960.626	1292.626	333.5538	22.0234	0.351183	1.16591	520.6141	1539.347	0.326617	0.521071	210.1903	52.30792	0.628067	100	0.4
1960.778	1292.778	333.5593	22.05388	0.340833	1.338722	522.7263	1591.352	0.316593	0.500367	252.5956	61.67251	0.739518	100	0.8
1960.931	1292.931	333.5648	22.09639	0.346461	1.285129	523.1617	1600.543	0.322077	0.506763	236.2	57.83735	0.692236	100	0.6
1961.083	1293.083	333.5703	22.07926	0.366993	1.078305	522.4645	1604.314	0.342075	0.540009	162.7237	43.62338	0.522516	98.1	0
1961.236	1293.236	333.5758	22.16259	0.365805	1.086656	521.83	1605.188	0.340941	0.536947	168.5143	44.59767	0.532231	100	0
1961.388	1293.388	333.5813	22.15953	0.36954	1.055375	520.8899	1615.37	0.344605	0.544555	152.9581	42.02908	0.501651	93	0
1961.54	1293.54	333.5868	22.10849	0.36387	1.099566	518.8801	1627.113	0.339103	0.537601	170.1479	44.87654	0.536852	100	0
1961.693	1293.693	333.5923	22.0601	0.371967	1.051598	518.5409	1625.493	0.34702	0.555072	135.1132	39.26658	0.470753	86.4	0
1961.845	1293.845	333.5978	21.99038	0.348334	1.207618	517.5452	1612.999	0.324039	0.513539	224.1425	55.1965	0.66379	100	0.5
1961.998	1293.998	333.6033	21.86462	0.340336	1.232263	517.0286	1605.789	0.3163	0.495339	259.9383	63.49382	0.767877	100	0.9
1962.15	1294.15	333.6088	21.84177	0.324019	1.314353	515.9705	1602.229	0.300526	0.460947	329.1681	86.20867	1.043664	100	1.9
1962.302	1294.302	333.6143	21.76327	0.338922	1.122625	515.3326	1597.233	0.314977	0.49463	262.7425	64.20827	0.780075	100	0.9
1962.455	1294.455	333.6198	21.79041	0.340254	1.132463	515.4691	1587.53	0.316291	0.502824	249.6216	60.95405	0.739646	100	0.7
1962.607	1294.607	333.6253	21.71156	0.358359	1.042285	516.5017	1574.779	0.333903	0.53667	178.6101	46.34994	0.564438	100	0.1
1962.76	1294.76	333.6308	21.65944	0.368714	1.023115	516.8188	1576.248	0.344014	0.552433	142.9041	40.44936	0.493749	90.3	0
1962.912	1294.912	333.6363	21.71436	0.375365	1.038495	516.8372	1589.64	0.350525	0.563904	118.0881	36.80172	0.448117	80.8	0
1963.064	1295.064	333.6418	21.70568	0.347289	1.358087	516.2615	1599.01	0.323213	0.514487	223.9747	55.16073	0.671938	100	0.6
1963.217	1295.217	333.6473	21.73809	0.360843	1.21831	516.874	1598.221	0.336416	0.538796	172.2084	45.23082	0.55018	100	0.1
1963.369	1295.369	333.6528	21.81736	0.343367	1.352604	516.5347	1587.517	0.319453	0.5046	242.807	59.34682	0.719327	100	0.7
1963.522	1295.522	333.6583	21.92659	0.353844	1.228397	514.5906	1568.067	0.329654	0.52614	199.0047	50.11034	0.604423	100	0.3
1963.674	1295.674	333.6638	22.04865	0.3323	1.435314	509.1773	1552.884	0.308773	0.494877	270.9633	66.36847	0.796203	100	1.1
1963.826	1295.826	333.6693	22.15319	0.31227	1.579221	502.1429	1532.121	0.289443	0.468984	333.371	88.1724	1.052915	100	2.1
1963.979	1295.979	333.6748	22.21232	0.31176	1.450182	495.5023	1499.569	0.288975	0.476087	324.2149	84.03224	1.000879	100	1.9
1964.131	1296.131	333.6803	22.27652	0.298565	1.579606	491.3264	1461.223	0.276296	0.45593	369.5292	112.3398	1.334292	100	3.2
1964.284	1296.284	333.6859	22.34509	0.29811	1.633567	487.8988	1427.268	0.275883	0.45486	371.5759	114.3123	1.35367	100	3.3
1964.436	1296.436	333.6913	22.28588	0.278828	1.996756	485.3409	1411.682	0.257412	0.414347	452.9731	307.0928	3.646026	100	12
1964.588	1296.588	333.6968	22.36489	0.285428	1.842031	484.1646	1410.044	0.263757	0.424328	430.4439	244.2936	2.890463	100	9
1964.741	1296.741	333.7024	22.4508	0.293566	1.633019	485.9652	1419.119	0.271587	0.436704	402.5584	160.9487	1.897247	100	5.2
1964.893	1296.893	333.7078	22.4248	0.302119	1.51511	488.9111	1433.86	0.279832	0.45136	370.9557	113.7047	1.341873	100	3.2
1965.046	1297.046	333.7134	22.51576	0.308321	1.481675	490.5344	1438.895	0.285827	0.46035	350.2767	97.48467	1.145935	100	2.4
1965.198	1297.198	333.7188	22.60363	0.312851	1.449265	491.2157	1439.79	0.290217	0.463207	340.2752	91.67098	1.073524	100	2.1
1965.35	1297.35	333.7243	22.60538	0.325803	1.301019	491.7132	1433.518	0.302748	0.482361	296.5504	73.86753	0.86498	100	1.3
1965.503	1297.503	333.7299	22.60713	0.335107	1.184325	492.3257	1441.161	0.311777	0.496818	264.14	64.56845	0.756041	100	0.9
1965.655	1297.655	333.7353	22.629	0.351843	1.057003	491.9864	1447.314	0.32804	0.526089	201.3012	50.55336	0.591386	100	0.2
1965.808	1297.808	333.7409	22.67011	0.340221	1.183239	492.0049	1453.179	0.316781	0.502013	250.0648	61.06046	0.713047	100	0.7
1965.96	1297.96	333.7464	22.67187	0.343679	1.15176	492.9191	1460.159	0.320159	0.503939	242.7449	59.33241	0.692824	100	0.6
1966.112	1298.112	333.7518	22.67362	0.357406	0.972335	495.6254	1468.573	0.333521	0.529151	189.512	48.32198	0.56422	100	0.1
1966.265	1298.265	333.7574	22.67537	0.344208	1.045035	499.5722	1486.698	0.32072	0.50954	234.2409	57.39853	0.670158	100	0.5
1966.417	1298.417	333.7629	22.74338	0.340642	1.132722	502.5837	1497.879	0.317283	0.509619	238.8741	58.44273	0.68037	100	0.6
1966.57	1298.57	333.7684	22.81178	0.329458	1.352537	503.4326	1505.893	0.306472	0.493796	275.6295	67.6419	0.785173	100	1
1966.722	1298.722	333.7739	22.78062	0.318031	1.519289	502.7387	1506.315	0.295452	0.476	315.3961	80.46955	0.93533	100	1.7
1966.874	1298.874	333.7794	22.79678	0.317523	1.510286	501.5034	1499.544	0.294984	0.47538	316.8969	81.05066	0.941445	100	1.7
1967.027	1299.027	333.7849	22.97833	0.308462	1.620025	500.57	1489.713	0.28627	0.454673	357.4982	102.3857	1.180129	100	2.6
1967.179	1299.179	333.7904	23.15243	0.336648	1.212786	498.7341	1469.082	0.31353	0.503449	252.5693	61.6661	0.705591	100	0.7
1967.332	1299.332	333.7959	23.2114	0.336107	1.173017	497.2693	1452.6	0.313029	0.498296	260.3707	63.60327	0.725968	100	0.8
1967.484	1299.484	333.8014	23.40068	0.348444	1.014915	496.0897	1436.728	0.325022	0.519267	214.8812	53.26016	0.603141	100	0.3
1967.636	1299.636	333.8069	23.46063	0.341423	1.043017	494.4308	1436.512	0.31823	0.507425	240.5964	58.83659	0.664646	100	0.5
1967.789	1299.789	333.8124	23.55476	0.33806	1.076447	492.0732	1442.498	0.314993	0.506356	246.538	60.22021	0.677645	100	0.6
1967.941	1299.941	333.8179	23.61294	0.31342	1.279321	490.3556	1438.971	0.291192	0.468279	331.9304	87.48631	0.982122	100	1.8
1968.094	1300.094	333.8234	23.6033	0.312026	1.267706	489.8981	1425.614	0.28987	0.466612	336.0542	89.48899	1.005014	100	1.9
1968.246	1300.246	333.8289	23.52516	0.305556	1.293574	489.6768	1413.351	0.283661	0.453242	363.074	106.6816	1.201974	100	2.6
1968.398	1300.398	333.8344	23.58413	0.308406	1.230849	490.8866	1402.801	0.286429	0.456242	355.1137	100.6916	1.131745	100	2.3
1968.551	1300.551	333.8399	23.62825	0.302895	1.24762	491.0232	1386.742	0.281146	0.446913	375.2786	118.1302	1.325361	100	3
1968.703	1300.703	333.8454	23.54955	0.309884	1.157747	490.3884	1366.409	0.287901	0.457409	351.4729	98.25089	1.105913	100	2.2
1968.856	1300.856	333.8509	23.49671	0.313991	1.117141	488.1456	1355.837	0.291884	0.464905	335.6308	89.27777	1.007117	100	1.8
1969.008	1301.008	333.8564	23.36517	0.307603	1.189984	486.1292	1372.753	0.28575	0.458671	352.6994	99.05441	1.123527	100	2.3
1969.16	1301.16	333.8619	23.23885	0.301347	1.283137	484.5918	1394.192	0.279751	0.456778	363.59	107.1051	1.221273	100	2.7
1969.313	1301.313	333.8674	23.16722	0.293046	1.404628	483.78	1408.153	0.271798	0.446039	389.3852	136.3708	1.55967	100	4
1969.465	1301.465	333.8729	23.0873	0.299102	1.350226	482.7218	1410.133	0.27764	0.459139	363.2461	106.8223	1.225853	100	2.8
1969.618	1301.618	333.8784	23.05605	0.30826	1.236516	481.2536	1405.776	0.286477	0.477691	325.448	84.56117	0.971684	100	1.8
1969.77	1301.77	333.8839	23.12686	0.286427	1.4922	478.1672	1396.621	0.265519	0.44125	404.6597	165.7975	1.899511	100	5.4
1969.922	1301.922	333.8894	23.19382	0.293707	1.369557	473.7616	1379.563	0.272527	0.456288	374.2357	117.0207	1.336936	100	3.2
1970.075	1302.075	333.8949	23.25199	0.284668	1.441119	470.2716	1368.429	0.26388	0.438187	411.1482	182.8247	2.083678	100	6
1970.227	1302.227	333.9004	23.17312	0.298812	1.204889	469.8043	1367.607	0.277479	0.456568	367.014	110.0385	1.258289	100	2.8
1970.38	1302.38	333.9059	23.14455	0.307075	1.109833	473.1506	1373.71	0.285454	0.463069	347.0388	95.49193	1.093273	100	2.1
1970.532	1302.532	333.9114	23.21135	0.341169	0.882439	476.162	1383.901	0.318433	0.522225	219.8921	54.29833	0.619922	100	0.3
1970.684	1302.684	333.9169	23.23883	0.332099	0.965032	479.285	1376.797	0.309666	0.510417	248.285	60.63462	0.691475	100	0.6
1970.837	1302.837	333.9224	23.21879	0.317805	1.111205	477.4623	1376.598	0.295871	0.492529	292.0079	72.43369	0.826735	100	1.2

1970.989	1302.989	333.9279	23.18044	0.292313	1.325633	477.2968	1375.204	0.271353	0.447398	388.1232	134.4531	1.537091	100	3.9
1971.142	1303.142	333.9334	23.13951	0.310345	1.095522	477.1972	1380.474	0.288723	0.48079	318.0719	81.51247	0.933479	100	1.6
1971.294	1303.294	333.9389	23.13972	0.307721	1.09241	479.0632	1371.59	0.286217	0.474355	330.4101	86.77712	0.993773	100	1.8
1971.446	1303.446	333.9444	23.08018	0.301756	1.154095	480.2137	1365.053	0.280499	0.464245	352.2536	98.76017	1.133855	100	2.4
1971.599	1303.599	333.9499	23.01341	0.280437	1.439807	479.7564	1360.934	0.260064	0.425196	434.3418	255.6759	2.943712	100	9.2
1971.751	1303.751	333.9554	22.96109	0.283217	1.451882	479.476	1360.363	0.262749	0.432528	420.518	214.1674	2.471304	100	7.4
1971.904	1303.904	333.9609	22.86735	0.303591	1.20508	477.5943	1366.348	0.282336	0.467713	344.9331	94.25552	1.09198	100	2.2
1972.056	1304.056	333.9664	23.05399	0.318615	1.08464	478.3773	1379.515	0.296842	0.494238	288.3097	71.30292	0.819566	100	1.1
1972.208	1304.208	333.9719	23.23525	0.318366	1.092125	478.6384	1399.995	0.296625	0.494788	287.8512	71.16485	0.811782	100	1.1
1972.361	1304.361	333.9774	23.22249	0.309292	1.172522	479.31	1407.643	0.287896	0.483559	315.3922	80.46807	0.918406	100	1.6
1972.513	1304.513	333.9829	23.13128	0.312025	1.139334	478.5538	1402.091	0.290554	0.488758	304.5505	76.52852	0.876803	100	1.4
1972.666	1304.666	333.9884	23.17843	0.316575	1.100206	478.1555	1381.449	0.294967	0.495457	289.215	71.57685	0.818458	100	1.2
1972.818	1304.818	333.9939	23.08743	0.309301	1.15654	476.3851	1367.462	0.287976	0.48223	317.1154	81.13611	0.931333	100	1.6
1972.97	1304.97	333.9994	23.07489	0.296877	1.268081	477.4701	1361.154	0.276043	0.465608	356.5209	101.6817	1.167801	100	2.6
1973.123	1305.123	334.0049	23.02159	0.284943	1.387423	475.2929	1361.789	0.264615	0.448616	395.7411	147.0992	1.69324	100	4.6
1973.275	1305.275	334.0104	23.05417	0.288302	1.308399	471.1859	1364.811	0.267858	0.458487	377.6432	120.7522	1.38807	100	3.5
1973.428	1305.428	334.016	23.07827	0.298787	1.164996	467.7583	1367.822	0.27795	0.475246	340.5894	91.83923	1.054649	100	2.1
1973.58	1305.58	334.0214	23.05743	0.301093	1.119252	467.2253	1367.872	0.280191	0.47454	338.4707	90.72074	1.042734	100	2
1973.732	1305.732	334.0269	22.89608	0.29962	1.110666	467.9623	1366.47	0.278798	0.47047	346.0106	94.88258	1.098064	100	2.2
1973.885	1305.885	334.0324	22.76021	0.300569	1.085568	470.6588	1358.067	0.279735	0.477175	335.465	89.19544	1.038263	100	2
1974.037	1306.037	334.0379	22.74584	0.278872	1.245225	473.1878	1346.508	0.258942	0.446017	407.157	171.9639	2.002971	100	5.8
1974.19	1306.19	334.0435	22.77037	0.272605	1.257421	476.301	1325.846	0.252974	0.436972	427.8755	236.6682	2.753762	100	8.7
1974.342	1306.342	334.0489	22.82442	0.284898	1.0703	476.4474	1317.24	0.26476	0.452344	390.397	137.9561	1.60151	100	4.2
1974.494	1306.494	334.0544	22.83175	0.298679	0.977661	471.5658	1317.982	0.278012	0.470384	347.2137	95.59664	1.109432	100	2.2
1974.647	1306.647	334.06	22.88433	0.29044	1.051579	462.9003	1321.353	0.270122	0.457451	375.9486	118.8579	1.376317	100	3.3
1974.799	1306.799	334.0654	22.8607	0.280511	1.028353	458.4814	1314.836	0.260629	0.442846	409.2048	177.3737	2.055994	100	5.9
1974.952	1306.952	334.071	22.81466	0.300673	0.756423	461.1155	1280.107	0.279999	0.48092	329.9312	86.55681	1.005292	100	1.8
1975.104	1307.104	334.0765	22.6621	0.318305	0.712149	470.1394	1246.7	0.297014	0.505259	272.8638	66.88277	0.781899	100	0.9
1975.256	1307.256	334.0819	22.5738	0.319294	0.832303	478.891	1243.017	0.297992	0.508124	267.5601	65.46185	0.768217	100	0.9
1975.409	1307.409	334.0875	22.42232	0.315389	0.923588	483.9603	1262.178	0.294247	0.507851	273.1055	66.94858	0.790853	100	1
1975.561	1307.561	334.093	22.42269	0.30045	1.093387	485.3668	1309.477	0.279879	0.492476	314.1502	79.9943	0.944956	100	1.7
1975.714	1307.714	334.0985	22.39026	0.299435	1.089545	484.1939	1320.987	0.278927	0.493398	314.1925	80.01031	0.946494	100	1.7
1975.866	1307.866	334.104	22.30221	0.301496	1.05643	482.9584	1325.364	0.280932	0.495426	308.6265	77.96005	0.925807	100	1.6
1976.018	1308.018	334.1094	22.23124	0.31727	0.935378	482.4385	1318.948	0.296156	0.521469	251.6776	61.44961	0.732023	100	0.8
1976.171	1308.171	334.115	22.24841	0.322091	0.881519	482.6342	1311.735	0.300835	0.531256	231.7139	56.8382	0.676588	100	0.6
1976.323	1308.323	334.1205	22.26882	0.326432	0.840482	483.0103	1307.34	0.305055	0.540205	213.5416	52.98632	0.630179	100	0.4
1976.476	1308.476	334.126	22.27291	0.329092	0.817197	483.2059	1299.89	0.307651	0.541127	208.6861	52.00649	0.618422	100	0.3
1976.628	1308.628	334.1315	22.27614	0.334404	0.788212	483.5852	1307.166	0.312817	0.542555	199.5861	50.22211	0.597127	100	0.2
1976.78	1308.78	334.137	22.33237	0.330171	0.813681	483.9612	1312.471	0.308743	0.52696	226.7303	55.75148	0.661247	100	0.4
1976.933	1308.933	334.1425	22.35211	0.314076	0.911761	484.2784	1317.506	0.293215	0.497679	288.5664	71.3804	0.845897	100	1.2
1977.085	1309.085	334.148	22.37479	0.3033	0.988957	482.567	1318.51	0.282856	0.484335	321.2771	82.80421	0.980316	100	1.8
1977.238	1309.238	334.1535	22.37059	0.285519	1.123227	481.2169	1315.099	0.265802	0.467429	368.1411	111.0536	1.315017	100	3.2
1977.39	1309.39	334.159	22.19915	0.279323	1.16205	479.8011	1306.782	0.259892	0.46579	378.5598	121.8102	1.453289	100	3.8
1977.542	1309.542	334.1645	22.02418	0.270762	1.247884	483.2162	1292.01	0.25173	0.454053	406.0189	169.0971	2.033151	100	6.1
1977.695	1309.695	334.17	21.95098	0.290177	1.076906	481.8069	1292.045	0.27034	0.479876	344.7018	94.12241	1.135394	100	2.5
1977.847	1309.847	334.1755	21.95267	0.30408	1.005899	481.2837	1306.045	0.283724	0.499164	299.6141	74.86493	0.903035	100	1.5
1978	1310	334.181	21.90763	0.281567	1.208203	472.9234	1307.866	0.262134	0.461441	381.4668	125.3303	1.51482	100	4
1978.152	1310.152	334.1865	21.90932	0.274987	1.255543	462.4724	1297.18	0.255862	0.452123	402.9807	161.8993	1.956692	100	5.7
1978.304	1310.304	334.192	21.94805	0.285281	1.115036	458.49	1273.079	0.265739	0.466993	368.8309	111.6877	1.347528	100	3.3
1978.457	1310.457	334.1975	21.96661	0.309552	0.959203	460.5267	1260.053	0.289088	0.499065	292.3493	72.53969	0.874489	100	1.3
1978.609	1310.609	334.203	21.92967	0.31959	0.951705	472.5438	1275.325	0.298796	0.507494	267.3209	65.39881	0.789713	100	1
1978.762	1310.762	334.2085	21.83764	0.315179	1.02479	476.8419	1299.612	0.294561	0.495667	289.4861	71.65922	0.86889	100	1.3
1978.914	1310.914	334.214	21.93252	0.316478	0.955193	478.5469	1311.074	0.295838	0.499142	282.9268	69.71027	0.84169	100	1.2
1979.066	1311.066	334.2195	22.0111	0.320388	0.89073	477.2559	1306.812	0.299637	0.506878	267.0096	65.31688	0.785898	100	0.9
1979.219	1311.219	334.225	22.04456	0.326717	0.800854	478.761	1294.836	0.305777	0.515476	246.6704	60.25151	0.723884	100	0.7
1979.371	1311.371	334.2305	22.19612	0.31603	0.919539	481.5262	1304.392	0.295477	0.495223	288.8348	71.46159	0.852844	100	1.2
1979.524	1311.524	334.236	22.17562	0.319248	0.91774	484.3409	1327.726	0.298606	0.501723	275.5465	67.61894	0.807725	100	1
1979.676	1311.676	334.2415	22.18826	0.304646	1.054081	485.5013	1335.125	0.284552	0.48001	324.9057	84.32754	1.006764	100	1.8
1979.828	1311.828	334.247	22.22929	0.310935	1.015582	486.3564	1302.645	0.290633	0.4955	295.136	73.41552	0.874918	100	1.3
1979.981	1311.981	334.2525	22.28863	0.310126	1.043979	485.305	1261.437	0.289876	0.495526	296.1441	73.73716	0.876476	100	1.4
1980.133	1312.133	334.258	22.29976	0.304802	1.093076	480.4857	1236.431	0.284772	0.489152	311.985	79.18316	0.940763	100	1.6
1980.286	1312.286	334.2635	22.40874	0.291153	1.180616	475.5714	1257.152	0.271676	0.471748	354.0743	99.97747	1.182189	100	2.7
1980.438	1312.438	334.269	22.532	0.298419	1.019994	470.9818	1272.76	0.278679	0.487878	322.152	83.16537	0.978154	100	1.8
1980.59	1312.59	334.2745	22.58831	0.304551	0.904057	473.1497	1286.679	0.2846	0.495745	303.1239	76.04019	0.892186	100	1.4
1980.743	1312.743	334.28	22.7554	0.313703	0.868798	478.9904	1295.149	0.293443	0.505126	277.9759	68.29631	0.795597	100	1
1980.895	1312.895	334.2855	22.72676	0.304683	1.00109	485.172	1309.772	0.284774	0.484882	317.8753	81.43476	0.949827	100	1.6
1981.048	1313.048	334.291	22.78442	0.299812	1.113037	488.0424	1324.667	0.280111	0.473254	340.3553	91.71383	1.067092	100	2.1
1981.2	1313.2	334.2965	22.78617	0.296692	1.180374	486.5839	1339.552	0.277136	0.465139	355.6606	101.0732	1.175915	100	2.6
1981.352	1313.352	334.302	22.83715	0.28567	1.293217	482.7163	1357.867	0.266581	0.449063	392.4113	141.2451	1.639731	100	4.4
1981.505	1313.505	334.3075	22.84843	0.284535	1.329392	477.7396	1368.253	0.265518	0.453674	387.5159	133.553	1.549706	100	4.1
1981.657	1313.657	334.313	22.7891	0.291458	1.275515	476.5535	1366.403	0.27218	0.472311	352.603	98.99054	1.151583	100	2.6
1981.81	1313.81	334.3185	22.79753	0.284863	1.360409	475.4397	1352.772	0.265878	0.466859	368.8229	111.6803	1.298755	100	3.2
1981.962	1313.962	334.324	22.83109	0.278265	1.322055	474.5029	1323.203	0.259584	0.458875	388.5264	135.0588	1.568397	100	4.3
1982.114	1314.114	334.3295	22.8652	0.289668	1.105926	475.5977	1299.555	0.270532	0.47167	355.761	101.1436	1.172857	100	2.6
1982.267	1314.267	334.335	22.86255	0.326683	0.811925	478.6453	1295.431	0.306214	0.522691	236.1115	57.81745	0.670533	100	0.5
1982.419	1314.419	334.3405	22.84686	0.328589	0.854378	481.3581	1314.313	0.308081	0.51754	240.6434	58.8474	0.682943	100	0.6
1982.572	1314.572	334.346	22.8319	0.341486	0.779676	484.1694	1337.055	0.320598	0.538881	193.9187	49.14371	0.570699	100	0.1
1982.724	1314.724	334.3515	22.88826	0.329186	0.839688	485.2705	1354.697	0.308706	0.516628	241.04	58.93857	0.682812	100	0.5
1982.876	1314.876	334.357	22.95074	0.339697	0.760017	485.2888	1355.574	0.31891	0.53393	203.0808	50.89953	0.588122	100	0.2
1983.029	1315.029	334.3625	23.04535	0.341842	0.740496	484.2407	1341.359	0.321013	0.541917	189.1555	48.25614	0.555356	100	0.1

1983.181	1315.181	334.368	22.92105	0.333402	0.77952	482.106	1329.413	0.312857	0.533169	212.4843	52.77126	0.610533	100	0.3
1983.334	1315.334	334.3736	22.8468	0.322414	0.831197	481.4122	1317.206	0.302251	0.516263	250.4503	61.15318	0.709756	100	0.7
1983.486	1315.486	334.379	22.94083	0.318479	0.833177	481.9031	1307.893	0.298474	0.507028	268.4081	65.68608	0.75933	100	0.9
1983.638	1315.638	334.3845	22.98193	0.32728	0.783921	484.0743	1315.573	0.307002	0.521705	236.3852	57.87903	0.667923	100	0.5
1983.791	1315.791	334.3901	22.99725	0.310557	0.893959	486.2324	1324.407	0.290878	0.495536	294.7488	73.29267	0.845258	100	1.2
1983.943	1315.943	334.3955	23.13171	0.311079	0.919549	487.9246	1332.815	0.291405	0.497098	291.866	72.38973	0.83013	100	1.2
1984.096	1316.096	334.4011	23.17934	0.325776	0.841622	489.2525	1339.157	0.305618	0.519851	240.8524	58.8954	0.674041	100	0.5
1984.248	1316.248	334.4066	23.13671	0.335122	0.80789	490.6458	1348.269	0.314686	0.533129	210.0147	52.27265	0.599325	100	0.2
1984.4	1316.4	334.412	23.0505	0.329152	0.859352	491.3795	1366.346	0.30893	0.521831	233.5506	57.24484	0.658731	100	0.5
1984.553	1316.553	334.4176	23.00131	0.295599	1.139853	490.0327	1377.686	0.276601	0.466136	355.0234	100.6289	1.16039	100	2.5
1984.705	1316.705	334.4231	22.78046	0.290026	1.191317	487.7175	1382.163	0.271274	0.461827	368.3195	111.2167	1.294612	100	3.1
1984.858	1316.858	334.4286	22.66204	0.283492	1.252487	485.7174	1380.655	0.265034	0.453885	387.8916	134.1082	1.569054	100	4.2
1985.01	1317.01	334.4341	22.60275	0.302896	1.046943	485.132	1377.107	0.283687	0.489921	312.4207	79.3449	0.930716	100	1.6
1985.162	1317.162	334.4395	22.54494	0.292955	1.231769	486.0461	1381.328	0.274155	0.469587	353.6358	99.68041	1.172192	100	2.6
1985.315	1317.315	334.4451	22.43647	0.288135	1.329079	487.5512	1390.637	0.269554	0.458657	375.0692	117.9052	1.393069	100	3.5
1985.467	1317.467	334.4506	22.45721	0.28873	1.378695	490.0178	1410.267	0.270148	0.459057	373.6977	116.4589	1.374757	100	3.4
1985.62	1317.62	334.4561	22.48497	0.283031	1.480431	491.1652	1422.427	0.264709	0.453405	389.0027	135.7826	1.600954	100	4.4
1985.772	1317.772	334.4616	22.40552	0.271651	1.754622	490.294	1423.943	0.253846	0.439319	423.4323	223.2365	2.641233	100	8.5
1985.924	1317.924	334.4671	22.35309	0.272285	1.705899	486.6661	1410.448	0.254475	0.442849	417.6927	203.7449	2.416171	100	7.7
1986.077	1318.077	334.4726	22.23897	0.278239	1.505383	482.9431	1383.048	0.260192	0.452529	396.4457	148.4093	1.768805	100	5.1
1986.229	1318.229	334.4781	22.30982	0.285688	1.3096	481.0415	1359.484	0.267348	0.462486	372.8299	115.568	1.37313	100	3.5
1986.382	1318.382	334.4836	22.37347	0.295225	1.174336	483.0782	1359.879	0.276523	0.476357	341.0259	92.07437	1.090961	100	2.3
1986.534	1318.534	334.4891	22.45649	0.306082	1.126621	486.8576	1387.913	0.286988	0.488218	310.2153	78.53352	0.927171	100	1.6
1986.686	1318.686	334.4946	22.40411	0.313	1.180518	493.0328	1430.995	0.293678	0.493561	293.6105	72.93368	0.863036	100	1.4
1986.839	1318.839	334.5001	22.34678	0.315689	1.313347	499.2375	1476.831	0.296296	0.490895	293.6772	72.95466	0.865459	100	1.4
1986.991	1318.991	334.5056	22.34585	0.317328	1.333449	502.0749	1514.566	0.2979	0.502015	276.1173	67.77715	0.804081	100	1.2
1987.144	1319.144	334.5111	22.27517	0.283642	1.825971	501.3221	1538.259	0.265528	0.4624	375.4602	118.3263	1.408146	100	3.8
1987.296	1319.296	334.5166	22.17039	0.267031	1.978747	500.8021	1530.763	0.249669	0.445992	419.9873	212.1388	2.536262	100	8.4
1987.448	1319.448	334.5221	22.08126	0.275381	1.829563	501.4767	1516.311	0.257668	0.453758	398.2316	151.8489	1.822647	100	5.4
1987.601	1319.601	334.5276	22.13513	0.310392	1.377305	503.3986	1496.256	0.291304	0.495019	294.8747	73.33256	0.878128	100	1.5
1987.753	1319.753	334.5331	22.20529	0.324761	1.286959	505.212	1496.243	0.305198	0.504344	262.8326	64.23141	0.766779	100	1
1987.906	1319.906	334.5386	22.13571	0.343959	1.112417	506.238	1515.298	0.323816	0.529868	201.9162	50.67271	0.606785	100	0.3
1988.058	1320.058	334.5441	22.06219	0.350084	1.035509	506.9783	1535.544	0.329788	0.535386	186.0599	47.68829	0.572917	100	0.2
1988.21	1320.21	334.5496	22.09986	0.363621	0.968496	507.2361	1554.828	0.342981	0.560384	133.3564	39.00473	0.467819	86.1	0
1988.363	1320.363	334.5551	21.98061	0.347279	1.123026	507.2545	1556.049	0.32711	0.537421	186.9469	47.8503	0.576966	100	0.2
1988.515	1320.515	334.5606	22.12276	0.343425	1.162208	507.0332	1543.2	0.323393	0.535473	194.7662	49.3034	0.590756	100	0.3
1988.668	1320.668	334.5661	22.21738	0.344174	1.137395	506.5757	1534.795	0.324142	0.540579	186.6858	47.80256	0.570394	100	0.2
1988.82	1320.82	334.5716	22.10433	0.369086	0.943255	506.3543	1530.981	0.3484	0.581491	96.75001	33.93066	0.406901	73.1	0
1988.972	1320.972	334.5771	21.98149	0.362578	1.015548	506.2512	1531.607	0.342081	0.569533	121.9723	37.34999	0.450361	84	0
1989.125	1321.125	334.5826	22.01789	0.352784	1.103531	506.3909	1529.025	0.332576	0.548826	163.6658	43.7804	0.527051	100	0.1
1989.277	1321.277	334.5881	21.94452	0.341123	1.208574	506.767	1527.261	0.321276	0.528702	207.0311	51.67698	0.624158	100	0.4
1989.43	1321.43	334.5936	21.96879	0.339679	1.211343	507.6779	1525.157	0.319898	0.52803	209.8583	52.24122	0.630298	100	0.5
1989.582	1321.582	334.5991	21.9249	0.331343	1.284782	508.8909	1529.709	0.311846	0.518169	234.5797	57.47414	0.694802	100	0.7
1989.734	1321.734	334.6046	21.94095	0.327442	1.298825	510.3432	1536.918	0.308094	0.514753	244.4716	59.73455	0.72162	100	0.8
1989.887	1321.887	334.6101	21.96636	0.316659	1.454522	511.2544	1542.185	0.297699	0.498544	281.1848	69.20746	0.835121	100	1.3
1990.039	1322.039	334.6156	22.12226	0.328721	1.344077	511.2135	1524.33	0.309378	0.51983	235.6919	57.72316	0.691745	100	0.8
1990.192	1322.192	334.6211	22.22182	0.33104	1.366927	509.5089	1501.069	0.311646	0.522047	229.5035	56.35325	0.672377	100	0.7
1990.344	1322.344	334.6266	22.26349	0.30377	1.687643	506.7802	1485.876	0.285347	0.474459	331.4677	87.26888	1.039353	100	2.2
1990.496	1322.496	334.6321	22.2841	0.294763	1.695515	503.8053	1479.79	0.27671	0.461397	361.4125	105.3491	1.253566	100	3
1990.649	1322.649	334.6376	22.2858	0.285951	1.727271	500.1414	1473.649	0.268279	0.454456	382.6269	126.8091	1.508829	100	4.1
1990.801	1322.801	334.6431	22.2617	0.287517	1.567011	496.7464	1461.606	0.269803	0.463459	368.0979	111.0142	1.322309	100	3.3
1990.954	1322.954	334.6486	22.10907	0.285447	1.561345	493.9095	1442.981	0.267842	0.465875	367.4701	110.4462	1.324442	100	3.4
1991.106	1323.106	334.6541	22.07924	0.303002	1.292825	493.2615	1433.4	0.284724	0.494088	305.2392	76.76653	0.921793	100	1.7
1991.258	1323.258	334.6596	22.05202	0.289542	1.507412	495.0126	1431.64	0.271816	0.469935	356.3849	101.5848	1.221293	100	2.9
1991.411	1323.411	334.6651	22.07867	0.292034	1.50935	497.6466	1438.813	0.27423	0.466869	357.2831	102.2296	1.227609	100	2.9
1991.563	1323.563	334.6706	22.08606	0.289415	1.584357	499.9393	1449.724	0.27174	0.457488	373.6652	116.4253	1.397636	100	3.6
1991.716	1323.716	334.6761	21.94501	0.293672	1.54791	500.9094	1467.246	0.275849	0.460803	363.4197	106.9648	1.292162	100	3.1
1991.868	1323.868	334.6816	21.80365	0.294501	1.540623	501.3478	1472.46	0.276669	0.459143	364.5805	107.9313	1.312135	100	3.2
1992.02	1324.02	334.6871	21.79387	0.298705	1.469248	501.727	1474.282	0.280732	0.466686	348.563	96.41565	1.172668	100	2.6
1992.173	1324.173	334.6926	21.78786	0.312499	1.326862	502.8743	1467.062	0.294036	0.492629	294.4017	73.18288	0.890348	100	1.5
1992.325	1324.325	334.6981	21.79958	0.304444	1.401917	504.0281	1476.266	0.286299	0.482817	318.6195	81.72978	0.993819	100	1.9
1992.478	1324.478	334.7037	21.81342	0.30611	1.396819	504.9982	1480.817	0.287927	0.484636	313.8639	79.88596	0.970807	100	1.8
1992.63	1324.63	334.7091	21.90605	0.31515	1.262742	503.7103	1485.397	0.296663	0.497049	284.6785	70.22197	0.849842	100	1.3
1992.782	1324.782	334.7146	21.91379	0.316057	1.289946	502.2318	1484.84	0.297561	0.495908	285.0122	70.32014	0.850746	100	1.3
1992.935	1324.935	334.7202	21.93689	0.32038	1.249996	501.1213	1484.042	0.301758	0.504493	267.3731	65.41256	0.790567	100	1.1
1993.087	1325.087	334.7256	21.84059	0.31604	1.299443	500.8376	1484.191	0.297591	0.500446	278.7088	68.50274	0.831501	100	1.3
1993.24	1325.24	334.7312	21.8427	0.314001	1.310429	500.1438	1484.108	0.295648	0.496787	286.4407	70.74303	0.858624	100	1.4
1993.392	1325.392	334.7367	21.84389	0.319975	1.264669	498.4915	1484.737	0.301437	0.508687	262.0286	64.02536	0.777058	100	1
1993.544	1325.544	334.7421	21.75383	0.319733	1.274376	496.7145	1483.806	0.301226	0.506199	265.7536	64.98782	0.791949	100	1.1
1993.697	1325.697	334.7477	21.8751	0.310804	1.367141	495.4857	1478.133	0.292635	0.491285	298.1901	74.39816	0.901711	100	1.6
1993.849	1325.849	334.7531	21.94612	0.322263	1.237225	495.261	1467.888	0.303718	0.510175	256.829	62.71408	0.757699	100	1
1994.002	1326.002	334.7587	21.86166	0.336948	1.115391	495.7554	1456.63	0.317951	0.535001	202.9261	50.86934	0.616927	100	0.4
1994.154	1326.154	334.7642	21.97701	0.330663	1.172047	496.8467	1457.929	0.311887	0.524543	225.7266	55.53549	0.670062	100	0.6
1994.306	1326.306	334.7696	22.16892	0.317265	1.287119	497.5837	1470.381	0.29896	0.503768	272.2356	66.71213	0.798103	100	1.2
1994.459	1326.459	334.7752	22.23481	0.327698	1.149849	497.7202	1479.458	0.309064	0.52393	230.4684	56.56436	0.674748	100	0.6
1994.611	1326.611	334.7807	22.13531	0.327061	1.140768	498.1585	1484.165	0.308472	0.524003	231.1848	56.72168	0.679609	100	0.7
1994.764	1326.764	334.7862	22.10855	0.329952	1.111537	498.83	1485.151	0.311292	0.528411	221.2099	54.57504	0.654671	100	0.6
1994.916	1326.916	334.7917	22.07933	0.313238	1.288312	499.4455	1486.022	0.295168	0.5005	281.9786	69.43585	0.834028	100	1.3
1995.068	1327.068	334.7972	22.13287	0.311823	1.298683	498.3873	1482.222	0.293827	0.499445	285.284	70.40026	0.843621	100	1.3
1995.221	1327.221	334.8027	22.1968	0.299171	1.422585	496.9223	1473.222	0.281669	0.477359	332.5418	87.77575	1.048884	100	2.2

1995.373	1327.373	334.8082	22.16797	0.306555	1.289176	495.3848	1455.448	0.288798	0.489532	305.9054	76.99826	0.92128	100	1.6
1995.526	1327.526	334.8137	22.12602	0.305195	1.28613	493.9755	1440.507	0.287511	0.48647	311.9068	79.15418	0.948844	100	1.7
1995.678	1327.678	334.8192	22.06646	0.299021	1.358755	491.3058	1425.454	0.281594	0.475592	335.0829	89.00641	1.069778	100	2.2
1995.83	1327.83	334.8247	22.11729	0.282622	1.59993	487.9765	1406.954	0.265881	0.447084	396.1082	147.7784	1.772192	100	5
1995.983	1327.983	334.8302	22.17014	0.273476	1.642393	484.6079	1394.757	0.257153	0.431286	429.9539	242.8465	2.905512	100	9.4
1996.135	1328.135	334.8357	22.24367	0.266133	1.606348	483.7203	1386.396	0.250166	0.420161	454.9501	312.2739	3.724134	100	12.8
1996.288	1328.288	334.8412	22.31766	0.269593	1.507044	484.6314	1384.644	0.253491	0.432835	432.87	251.4047	2.988532	100	9.8
1996.44	1328.44	334.8467	22.37399	0.278974	1.374948	486.3201	1385.266	0.262481	0.453495	391.9533	140.4812	1.665857	100	4.6
1996.592	1328.592	334.8522	22.40503	0.275848	1.438863	486.9979	1387.445	0.259514	0.449332	401.7931	159.2552	1.88595	100	5.5
1996.745	1328.745	334.8577	22.40673	0.272229	1.462422	486.4814	1384.623	0.256078	0.442381	416.1267	198.3497	2.348775	100	7.3
1996.897	1328.897	334.8632	22.40844	0.267151	1.570668	484.6485	1374.982	0.251253	0.435889	431.7434	248.1133	2.937872	100	9.8
1997.05	1329.05	334.8687	22.47248	0.265361	1.578841	481.4572	1357.185	0.249569	0.434023	436.6436	262.2924	3.097153	100	10.4
1997.202	1329.202	334.8742	22.53972	0.264536	1.568019	478.0064	1346.303	0.248805	0.430047	443.1851	280.68	3.304656	100	11.3
1997.354	1329.354	334.8797	22.60772	0.247656	1.805565	473.955	1336.159	0.232767	0.398752	508.5036	435.5843	5.113457	100	19.5
1997.507	1329.507	334.8852	22.67326	0.244464	1.799401	470.9442	1328.349	0.229761	0.390113	524.5735	467.1268	5.468334	100	21.2
1997.659	1329.659	334.8907	22.72795	0.250852	1.651669	469.9417	1315.711	0.235849	0.395618	508.5757	435.7307	5.088882	100	19.1
1997.812	1329.812	334.8962	22.78414	0.262146	1.480572	471.2663	1318.508	0.24662	0.407497	477.3199	367.5613	4.282457	100	15.1
1997.964	1329.964	334.9017	22.76847	0.257099	1.592778	475.6986	1317.265	0.241837	0.396786	498.7005	415.227	4.841118	100	17.6
1998.116	1330.116	334.9072	22.82995	0.27222	1.501268	483.7346	1339.74	0.256279	0.431769	430.4945	244.4425	2.842494	100	9.2
1998.269	1330.269	334.9127	22.80938	0.300701	1.254184	493.9695	1375.632	0.283605	0.478172	328.7484	86.01875	1.001159	100	2
1998.421	1330.421	334.9182	22.89262	0.338566	1.004582	505.3563	1438.126	0.320194	0.533946	201.2865	50.55052	0.58627	100	0.3
1998.574	1330.574	334.9237	22.99376	0.356095	1.028229	513.3398	1516.768	0.337239	0.555386	148.1769	41.27021	0.476593	92.1	0
1998.726	1330.726	334.9292	23.03407	0.357567	1.211658	516.6696	1577.562	0.338695	0.557696	142.9804	40.46112	0.466458	94.5	0
1998.878	1330.878	334.9347	23.21986	0.338134	1.529627	516.8682	1610.532	0.319845	0.52634	212.2637	52.72653	0.603128	100	0.5
1999.031	1331.031	334.9402	23.02592	0.34968	1.389339	515.2784	1605.882	0.331074	0.547398	167.7089	44.46085	0.512758	100	0.2
1999.183	1331.183	334.9457	22.87473	0.343902	1.453074	514.4597	1577.986	0.325486	0.537075	189.6666	48.35058	0.561218	100	0.3
1999.336	1331.336	334.9512	22.92166	0.332305	1.601901	514.0612	1570.77	0.314268	0.516384	233.7008	57.27823	0.663524	100	0.8
1999.488	1331.488	334.9567	22.84461	0.324247	1.74264	514.1976	1584.235	0.306495	0.504445	260.9025	63.73826	0.740797	100	1.1
1999.64	1331.64	334.9622	22.84699	0.347994	1.415907	514.4554	1597.074	0.329528	0.54792	169.1219	44.70119	0.519493	100	0.2
1999.793	1331.793	334.9677	22.86266	0.335322	1.588938	514.9496	1607.685	0.317259	0.528126	213.3688	52.95112	0.614965	100	0.6
1999.945	1331.945	334.9732	22.8663	0.333308	1.620454	514.9088	1592.945	0.315331	0.525303	219.9243	54.30506	0.630599	100	0.7
2000.098	1332.098	334.9787	22.97339	0.324389	1.737035	514.0935	1575.267	0.306726	0.512879	248.9455	60.79221	0.702728	100	1
2000.25	1332.25	334.9842	23.15376	0.331125	1.65864	511.9062	1549.607	0.313265	0.527731	219.4265	54.20093	0.621786	100	0.7
2000.402	1332.402	334.9897	23.25813	0.325989	1.687124	509.2923	1529.909	0.308319	0.519089	238.177	58.28418	0.665714	100	0.8
2000.555	1332.555	334.9952	23.3507	0.330478	1.641749	507.2889	1531.248	0.312685	0.524888	224.1491	55.19791	0.628037	100	0.7
2000.707	1332.707	335.0007	23.32371	0.339663	1.416848	507.3629	1534.386	0.321607	0.539032	192.3191	48.84376	0.556373	100	0.3
2000.86	1332.86	335.0062	23.42381	0.345636	1.33571	509.5178	1538.935	0.327424	0.547624	172.4342	45.26981	0.513524	100	0.2
2001.012	1333.012	335.0117	23.47227	0.345322	1.330026	511.6331	1529.443	0.327143	0.544486	177.1514	46.09246	0.521812	100	0.2
2001.164	1333.164	335.0172	23.39105	0.321685	1.582091	509.1899	1500.122	0.304274	0.509947	256.375	62.60128	0.711111	100	1
2001.317	1333.317	335.0227	23.3206	0.294995	1.696477	498.3911	1434.185	0.278586	0.471128	345.3961	94.52354	1.076898	100	2.4
2001.469	1333.469	335.0282	23.32237	0.274976	1.534086	484.0606	1357.079	0.259424	0.44816	403.5345	163.1639	1.858796	100	5.5
2001.622	1333.622	335.0338	23.2486	0.302533	0.922686	473.9182	1287.338	0.285879	0.496492	300.3284	75.1012	0.858222	100	1.3
2001.774	1333.774	335.0392	23.25037	0.305849	0.853301	470.8547	1259.923	0.289094	0.503401	286.3579	70.7184	0.808087	100	1.1
2001.926	1333.926	335.0447	23.18087	0.305891	0.912796	474.9917	1267.692	0.289157	0.50212	288.0379	71.22101	0.816217	100	1.2
2002.079	1334.079	335.0503	23.18263	0.293902	1.072005	479.5883	1298.893	0.277652	0.481413	332.4904	87.75135	1.005598	100	2
2002.231	1334.231	335.0557	23.18439	0.276337	1.291254	482.1237	1334.441	0.260841	0.448989	400.4353	156.3418	1.791509	100	5.1
2002.384	1334.384	335.0613	23.18615	0.271954	1.364546	482.7951	1357.651	0.256675	0.439851	418.7934	207.6967	2.379834	100	7.4
2002.536	1334.536	335.0667	23.12615	0.265398	1.509384	482.8166	1378.986	0.25044	0.42736	444.6357	284.6764	3.27017	100	11.1
2002.688	1334.688	335.0722	23.10019	0.270248	1.432053	482.8348	1384.177	0.255092	0.438634	422.6594	220.8683	2.539996	100	8.1
2002.841	1334.841	335.0778	23.03148	0.258851	1.578805	482.7349	1381.475	0.244248	0.418938	464.8037	337.363	3.89102	100	13.8
2002.993	1334.993	335.0832	23.00158	0.265415	1.487675	482.6317	1359.895	0.250526	0.431917	438.2295	266.8061	3.081181	100	10.3
2003.146	1335.146	335.0888	22.97101	0.270488	1.377978	482.4137	1343.525	0.255391	0.441007	418.9717	208.3496	2.409255	100	7.6
2003.298	1335.298	335.0943	22.88748	0.287024	1.246956	483.3246	1334.309	0.271238	0.471144	355.513	100.9698	1.171736	100	2.7
2003.45	1335.45	335.0997	22.88921	0.29269	1.291881	485.4399	1355.15	0.276697	0.479866	335.9438	89.43378	1.0378	100	2.2
2003.603	1335.603	335.1053	22.86381	0.283336	1.527848	489.8527	1390.103	0.267749	0.462276	372.5662	115.3009	1.339431	100	3.5
2003.755	1335.755	335.1108	22.86554	0.298373	1.412076	494.8365	1431.3	0.282203	0.485845	320.0936	82.32162	0.956258	100	1.9
2003.908	1335.908	335.1163	22.82833	0.294909	1.575582	498.839	1460.688	0.278897	0.479696	333.1418	88.06229	1.024582	100	2.2
2004.06	1336.06	335.1218	22.86422	0.318011	1.382775	501.0167	1483.835	0.301167	0.516138	252.1198	61.55684	0.71511	100	0.9
2004.212	1336.212	335.1273	22.72484	0.304995	1.511796	500.9167	1494.167	0.288642	0.492151	302.5055	75.83047	0.886212	100	1.6
2004.365	1336.365	335.1328	22.78948	0.327488	1.206186	499.0907	1498.004	0.310371	0.527862	223.2383	55.00406	0.641046	100	0.6
2004.517	1336.517	335.1383	22.85084	0.308947	1.37242	497.0181	1495.895	0.292495	0.498974	287.7732	71.14142	0.826957	100	1.4
2004.67	1336.67	335.1438	22.92626	0.314065	1.298962	495.5498	1488.319	0.297452	0.508262	268.114	65.6082	0.7602	100	1.1
2004.822	1336.822	335.1493	22.91435	0.311437	1.275584	494.1305	1476.999	0.294941	0.504431	276.8665	67.98569	0.788157	100	1.2
2004.974	1336.974	335.1548	22.79502	0.319178	1.154227	493.85	1459.098	0.302433	0.516812	249.4409	60.91076	0.709753	100	0.8
2005.127	1337.127	335.1603	22.70464	0.304165	1.321494	494.1637	1451.998	0.287983	0.493332	301.7859	75.58785	0.884209	100	1.6
2005.279	1337.279	335.1658	22.79507	0.289332	1.550016	494.7201	1450.1	0.273753	0.473102	349.3412	96.897	1.129102	100	2.6
2005.432	1337.432	335.1713	22.67074	0.295515	1.465428	493.3732	1452.153	0.279711	0.488666	319.641	82.13881	0.962268	100	2
2005.584	1337.584	335.1768	22.61828	0.285442	1.602463	489.7517	1452.309	0.270069	0.476373	349.9106	97.25349	1.141934	100	2.8
2005.736	1337.736	335.1823	22.45162	0.284757	1.546653	485.8217	1445.993	0.269435	0.476198	351.0277	97.96375	1.158633	100	2.8
2005.889	1337.889	335.1878	22.25082	0.294162	1.291235	484.4156	1433.077	0.278481	0.487767	322.5776	83.34243	0.994417	100	2
2006.041	1338.041	335.1933	22.16331	0.323278	1.022754	485.6218	1416.715	0.306556	0.52693	229.7897	56.41578	0.675746	100	0.6
2006.194	1338.194	335.1988	22.018	0.340362	0.933715	489.3258	1421.145	0.323119	0.548769	176.7953	46.02981	0.554914	100	0.1
2006.346	1338.346	335.2043	22.06507	0.352082	0.895963	493.8894	1442.298	0.334521	0.566767	136.2224	39.43282	0.474396	88.5	0
2006.498	1338.498	335.2098	22.08378	0.326903	1.085307	496.4806	1463.349	0.31013	0.530612	219.7766	54.27415	0.652411	100	0.6
2006.651	1338.651	335.2153	22.09817	0.329276	1.061963	498.1038	1461.474	0.312449	0.537217	207.4619	51.76254	0.621831	100	0.4
2006.803	1338.803	335.2208	22.11142	0.31624	1.17394	497.3506	1451.476	0.299875	0.516858	252.9085	61.74871	0.74137	100	0.9
2006.956	1338.956	335.2263	22.19788	0.327808	1.10515	496.4763	1442.236	0.311075	0.533219	214.8746	53.2588	0.637008	100	0.5
2007.108	1339.108	335.2318	22.2138	0.321802	1.193035	495.418	1441.275	0.305292	0.521628	238.85	58.43723	0.698463	100	0.8
2007.26	1339.26	335.2373	22.30796	0.332832	1.10053	495.912	1444.886	0.315983	0.537862	201.6942	50.62959	0.602651	100	0.4
2007.413	1339.413	335.2428	22.25583	0.343023	1.009572	496.229	1447.888	0.325885	0.55502	164.3515	43.89505	0.523693	100	0.1

2007.565	1339.565	335.2483	22.25751	0.322254	1.211188	496.5459	1449.356	0.305798	0.520086	240.2798	58.76396	0.701045	100	0.8
2007.718	1339.718	335.2538	22.33552	0.338606	1.076332	496.5641	1449.151	0.321647	0.546706	181.6729	46.8954	0.55755	100	0.2
2007.87	1339.87	335.2593	22.33393	0.337667	1.082858	496.5823	1453.586	0.32076	0.542645	188.5017	48.13562	0.572342	100	0.3
2008.022	1340.022	335.2648	22.30536	0.331902	1.077313	496.4823	1464.144	0.315199	0.530986	212.2646	52.72669	0.627724	100	0.4
2008.175	1340.175	335.2703	22.30678	0.303353	1.342425	496.3792	1476.766	0.287664	0.482943	316.5625	80.92035	0.963329	100	1.8
2008.327	1340.327	335.2758	22.26573	0.286955	1.541088	495.8625	1478.863	0.271935	0.456514	374.74	117.5537	1.401979	100	3.6
2008.48	1340.48	335.2813	22.22877	0.277649	1.661776	495.5229	1467.007	0.263046	0.444986	402.9154	161.7516	1.93226	100	5.7
2008.632	1340.632	335.2868	22.24233	0.271028	1.798282	494.7633	1458.879	0.25674	0.436173	423.781	224.3019	2.67791	100	8.7
2008.784	1340.784	335.2923	22.18532	0.271792	1.7556	494.9029	1460.698	0.257493	0.439321	418.3964	206.2556	2.468684	100	7.9
2008.937	1340.937	335.2978	22.1412	0.292703	1.467741	495.8138	1469.531	0.277542	0.476827	338.9708	90.98141	1.0911	100	2.4
2009.089	1341.089	335.3033	22.05357	0.301304	1.387907	496.4293	1485.216	0.285831	0.490543	308.6047	77.95225	0.938497	100	1.8
2009.242	1341.242	335.3088	22.10839	0.307034	1.362996	496.7463	1492.74	0.291369	0.500436	287.3088	71.00215	0.852756	100	1.4
2009.394	1341.394	335.3143	22.1666	0.291268	1.564861	496.7645	1491.365	0.276234	0.47174	347.7963	95.94788	1.149412	100	2.7
2009.546	1341.546	335.3198	22.22316	0.292814	1.527974	496.4839	1483.859	0.277741	0.475023	341.1854	92.16071	1.101307	100	2.5
2009.699	1341.699	335.3253	22.27412	0.294337	1.484076	495.9082	1468.423	0.279227	0.480233	331.9453	87.49333	1.043204	100	2.3
2009.851	1341.851	335.3308	22.28401	0.306849	1.325662	494.7318	1464.478	0.291283	0.503171	283.6543	69.92203	0.833345	100	1.4
2010.004	1342.004	335.3363	22.28876	0.30928	1.298808	494.4514	1468.073	0.293648	0.507977	273.7572	67.12659	0.799872	100	1.2
2010.156	1342.156	335.3418	22.19247	0.331238	1.133009	494.7649	1483.603	0.314879	0.540969	198.9303	50.09606	0.599481	100	0.4
2010.308	1342.308	335.3473	22.2382	0.329128	1.165395	496.0992	1492.376	0.31286	0.536302	208.1563	51.90077	0.619835	100	0.5
2010.461	1342.461	335.3528	22.25634	0.314062	1.365237	496.8296	1495.492	0.298328	0.508363	266.7666	65.25302	0.778685	100	1.1
2010.613	1342.613	335.3583	22.19931	0.305975	1.418818	497.5074	1496.007	0.290557	0.492699	299.1069	74.698	0.893647	100	1.6
2010.766	1342.766	335.3639	22.16865	0.308094	1.324516	498.0606	1501.624	0.292621	0.493521	295.1239	73.41167	0.879459	100	1.5
2010.918	1342.918	335.3693	22.07956	0.315882	1.195419	499.6312	1511.812	0.300153	0.50624	267.1782	65.36124	0.786121	100	1.1
2011.07	1343.07	335.3748	22.09975	0.319477	1.159552	502.0353	1526.292	0.303647	0.512479	253.7461	61.95334	0.744475	100	0.9
2011.223	1343.223	335.3804	22.18969	0.318421	1.214361	500.0909	1527.27	0.30265	0.515095	251.5123	61.40957	0.735021	100	0.9
2011.375	1343.375	335.3858	22.27836	0.303883	1.321585	493.601	1513.221	0.288659	0.490927	304.1724	76.39847	0.910873	100	1.6
2011.528	1343.528	335.3914	22.36101	0.290405	1.445661	480.3046	1498.63	0.27573	0.464757	358.1279	102.8467	1.221786	100	2.9
2011.68	1343.68	335.3968	22.317	0.286358	1.424213	474.8485	1483.346	0.271871	0.450401	383.2653	127.6418	1.519289	100	4
2011.832	1343.832	335.4023	22.33314	0.295774	1.34951	474.86	1483.586	0.28093	0.463914	352.1143	98.66879	1.173615	100	2.6
2011.985	1343.985	335.4079	22.47377	0.302512	1.283843	479.2827	1480.045	0.287432	0.477995	323.7109	83.81841	0.990886	100	1.9
2012.137	1344.137	335.4133	22.40857	0.286164	1.528012	482.2939	1490.689	0.271754	0.448055	386.6637	132.3144	1.568667	100	4.2
2012.29	1344.29	335.4189	22.33028	0.291622	1.439117	484.5701	1496.54	0.277012	0.45804	365.6274	108.824	1.294617	100	3.1
2012.442	1344.442	335.4244	22.24836	0.286986	1.517562	486.2654	1501.477	0.272588	0.44962	383.353	127.7571	1.52535	100	4
2012.594	1344.594	335.4298	22.15592	0.281288	1.675267	490.6419	1502.231	0.267152	0.441822	401.6153	158.8673	1.904561	100	5.5
2012.747	1344.747	335.4354	22.17857	0.278568	1.765856	489.2326	1502.855	0.264571	0.43627	412.8393	187.8357	2.249622	100	6.9
2012.899	1344.899	335.4409	22.14439	0.296749	1.459502	490.2615	1502.524	0.282029	0.469583	342.776	93.03397	1.115924	100	2.5
2013.052	1345.052	335.4464	22.03617	0.296658	1.405809	490.8738	1503.863	0.281964	0.46921	343.3796	93.37138	1.125373	100	2.5
2013.204	1345.204	335.4519	22.01959	0.303648	1.346391	492.9827	1504.729	0.288709	0.482723	315.4243	80.48037	0.970731	100	1.9
2013.356	1345.356	335.4574	22.03597	0.310265	1.311117	494.9141	1509.546	0.295105	0.492576	293.0002	72.74256	0.876771	100	1.5
2013.509	1345.509	335.4629	22.07431	0.319098	1.277717	497.8434	1519.553	0.30365	0.503351	266.3389	65.14087	0.783821	100	1.1
2013.661	1345.661	335.4684	22.12245	0.33263	1.178629	503.0633	1538.111	0.316757	0.522211	222.2247	54.78921	0.657865	100	0.6
2013.814	1345.814	335.4739	22.16262	0.343645	1.137817	510.6891	1556.563	0.327458	0.539567	183.5058	47.225	0.566041	100	0.2
2013.966	1345.966	335.4794	22.19761	0.333228	1.321715	513.4181	1572.644	0.317383	0.524774	217.8243	53.86725	0.644666	100	0.6
2014.118	1346.118	335.4849	22.2181	0.326894	1.37845	512.5436	1591.661	0.311275	0.521595	230.6386	56.60168	0.676788	100	0.7
2014.271	1346.271	335.4904	22.25602	0.331858	1.298183	509.2307	1594.783	0.316102	0.531589	210.186	52.30706	0.624401	100	0.5
2014.423	1346.423	335.4959	22.31509	0.344892	1.179006	507.9263	1586.466	0.32876	0.551538	165.1881	44.03534	0.524304	100	0.1
2014.576	1346.576	335.5014	22.18165	0.353572	1.151236	508.0036	1566.761	0.337215	0.56252	138.3654	39.75601	0.476147	95.1	0
2014.728	1346.728	335.5069	22.12593	0.336083	1.303559	509.3345	1555.392	0.320263	0.534335	200.6553	50.42835	0.605464	100	0.4
2014.88	1346.88	335.5124	22.0812	0.322565	1.413964	509.9499	1552.894	0.307206	0.511367	250.3694	61.13371	0.735463	100	1
2015.033	1347.033	335.5179	22.02856	0.306488	1.592121	510.0896	1552.924	0.29172	0.481413	313.077	79.58994	0.959753	100	1.9
2015.185	1347.185	335.5234	21.97709	0.318542	1.501988	510.344	1555.098	0.303366	0.500766	270.298	66.18981	0.800007	100	1.2
2015.338	1347.338	335.5289	21.92816	0.331728	1.344256	510.4805	1557.028	0.316138	0.524597	219.7863	54.27617	0.657456	100	0.6
2015.49	1347.49	335.5344	21.99619	0.327884	1.403974	510.7382	1559.446	0.312441	0.519226	232.2997	56.96753	0.687973	100	0.8
2015.642	1347.642	335.5399	21.92772	0.329543	1.391445	510.9958	1561.269	0.314069	0.522879	225.0119	55.38226	0.670884	100	0.7
2015.795	1347.795	335.5454	21.85442	0.30686	1.699561	511.3719	1562.129	0.292193	0.482897	310.3759	78.59201	0.955184	100	1.9
2015.947	1347.947	335.5509	21.87502	0.321107	1.515366	511.5114	1566.214	0.305959	0.505494	260.1953	63.55884	0.771772	100	1.1
2016.1	1348.1	335.5564	21.90693	0.333291	1.410571	511.4083	1573.733	0.317766	0.521257	222.1485	54.7731	0.664148	100	0.7
2016.252	1348.252	335.5619	21.9474	0.33893	1.408192	511.5445	1588.697	0.323253	0.529239	203.5609	50.99335	0.617207	100	0.5
2016.404	1348.404	335.5674	21.97318	0.333266	1.509116	511.4445	1592.313	0.317788	0.522566	220.3122	54.38637	0.657526	100	0.7
2016.557	1348.557	335.5729	21.94635	0.326091	1.502354	511.105	1588.059	0.310868	0.515812	239.1815	58.51278	0.70827	100	0.9
2016.709	1348.709	335.5784	21.93119	0.323278	1.482369	510.8836	1571.724	0.308171	0.513122	246.6165	60.23876	0.729666	100	1
2016.862	1348.862	335.5839	21.92391	0.327579	1.425471	510.6656	1563.075	0.312353	0.517629	234.6248	57.48422	0.696536	100	0.8
2017.014	1349.014	335.5894	21.9079	0.331556	1.387134	510.4441	1558.778	0.316224	0.521667	223.71	55.10436	0.668187	100	0.7
2017.166	1349.166	335.5949	21.91788	0.327459	1.417706	509.9831	1560.111	0.312282	0.511286	243.4753	59.50213	0.7212	100	0.9

Well B20: Saturation model input and output data

MDRT	Burial Depth	T_reg_K	P_merge52	PHI_harmB20	Salinity Cf	DTCO_detrend_hfactor	DTSM_detrend_hfactor	PHI_use_detrend_hfactor	APLC_detrend_hfactor	TGscaled	TGmod	TGmod	SOL_HC	SAT_HC
m	m	°K	MPa	v/v	mol/L	µs/m	µs/m	µs/m	µs/m	unitless	mol/m³	vol.%	vol.%	vol.%
1405.016	1044.016	321.9689	15.21691	0.393175		489.7057		0.326113						
1405.168	1044.168	321.974	15.14744	0.375355		495.7966		0.308718						
1405.321	1044.321	321.9792	15.07743	0.356971		497.5748		0.29083						
1405.473	1044.473	321.9843	15.1436	0.346548		497.8095		0.280727						
1405.626	1044.626	321.9894	15.13996	0.349721		497.6793		0.283836						
1405.778	1044.778	321.9945	15.1364	0.358712		497.2313		0.292605						
1405.93	1044.93	321.9996	15.09624	0.361787		496.6469		0.295626						
1406.083	1045.083	322.0048	15.05949	0.352399		496.1387		0.28652						
1406.235	1045.235	322.0099	15.10988	0.343571		495.4843		0.277973						
1406.388	1045.388	322.015	15.1576	0.340818		494.287		0.275329						
1406.54	1045.54	322.0201	15.12273	0.343346		492.6164		0.277809						
1406.692	1045.692	322.0253	15.13836	0.344064		491.6732		0.278533						
1406.845	1045.845	322.0304	15.15852	0.345358		492.3429		0.279816						
1406.997	1045.997	322.0355	15.16212	0.346759		494.1053		0.281203						
1407.15	1046.15	322.0406	15.20506	0.34968		495.9693		0.284067						
1407.302	1046.302	322.0457	15.15776	0.352382		497.0298		0.286721						
1407.454	1046.454	322.0509	15.12949	0.355284		496.9471		0.28957						
1407.607	1046.607	322.056	15.10296	0.353652		495.9306		0.28801						
1407.759	1046.759	322.0611	15.13399	0.346344		494.4252		0.280937						
1407.912	1046.912	322.0662	15.16538	0.34125		492.8849		0.27602						
1408.064	1047.064	322.0714	15.1531	0.343029		491.424		0.277773						
1408.216	1047.216	322.0765	15.12206	0.348121		489.9884		0.282743						
1408.369	1047.369	322.0816	15.1643	0.347802		488.8641		0.28246						
1408.521	1047.521	322.0867	15.16929	0.342798		488.6543		0.27763						
1408.674	1047.674	322.0918	15.17326	0.337837		489.9371		0.272846						
1408.826	1047.826	322.097	15.18312	0.336609		492.3758		0.271683						
1408.978	1047.978	322.1021	15.25893	0.337877		495.0782		0.272939						
1409.131	1048.131	322.1072	15.22703	0.341171		497.0818		0.276161						
1409.283	1048.283	322.1123	15.26315	0.3464		497.5644		0.281262						
1409.436	1048.436	322.1174	15.21979	0.353795		496.5036		0.288474						
1409.588	1048.588	322.1226	15.14621	0.355447		494.8203		0.290108						
1409.74	1048.74	322.1277	15.0813	0.345276		493.8293		0.280252						
1409.893	1048.893	322.1328	15.08506	0.337043		494.2992		0.272294						
1410.045	1049.045	322.1379	15.13162	0.338326		496.1346		0.273564						
1410.198	1049.198	322.1431	15.1125	0.347557		498.3828		0.282548	0.563112					
1410.35	1049.35	322.1482	15.09344	0.35201	1.135452	499.9419		0.286901	0.586991	174.0279	45.54605	0.771689	100	0.6
1410.502	1049.502	322.1533	15.20205	0.352426	1.14004	500.7006		0.287334	0.591261	167.5397	44.43216	0.747451	100	0.5
1410.655	1049.655	322.1584	15.28247	0.356415	1.110346	502.2152		0.291239	0.591023	162.4786	43.58262	0.729315	100	0.4
1410.807	1049.807	322.1635	15.28384	0.359928	1.06304	506.1909		0.294685	0.568296	189.0865	48.24341	0.807249	100	0.6
1410.96	1049.96	322.1687	15.28113	0.361686	1.084619	512.4088		0.296423	0.541399	223.805	55.12457	0.922567	100	0.9
1411.112	1050.112	322.1738	15.20037	0.362946	1.12988	518.9377		0.297678	0.507247	269.2038	65.89749	1.108732	100	1.4
1411.264	1050.264	322.1789	15.15087	0.364302	1.160745	523.2217		0.299025	0.516807	254.1525	62.05294	1.047471	100	1.3
1411.417	1050.417	322.184	15.15345	0.364791	1.206572	522.8817		0.299529	0.551938	204.9762	51.271	0.865334	100	0.8
1411.569	1050.569	322.1891	15.13759	0.359829	1.285463	517.9813		0.294724	0.575031	179.7388	46.55019	0.786492	100	0.6
1411.722	1050.722	322.1943	15.16999	0.351943	1.385059	511.5506		0.28708	0.558418	213.2122	52.91922	0.892205	100	1
1411.874	1050.874	322.1994	15.26465	0.344732	1.500927	505.9103		0.280104	0.516544	280.6256	69.0473	1.156923	100	1.9
1412.026	1051.026	322.2045	15.20265	0.341488	1.550587	501.4865		0.276983	0.49854	309.778	78.37477	1.318579	100	2.4
1412.179	1051.179	322.2096	15.16065	0.344223	1.521502	497.9963		0.279664	0.469587	346.0331	94.8958	1.600973	100	3.2
1412.331	1051.331	322.2147	15.09519	0.34902	1.471416	495.3762		0.284348	0.462455	349.4117	96.94095	1.64259	100	3.2
1412.484	1051.484	322.2199	14.98378	0.350748	1.483568	493.7342		0.286055	0.470607	335.8067	89.36538	1.52551	100	2.9
1412.636	1051.636	322.225	14.95126	0.34899	1.517272	492.6288		0.284373	0.486972	315.544	80.52641	1.377636	100	2.5
1412.788	1051.788	322.2301	14.98215	0.345309	1.560653	491.1552		0.280826	0.50187	299.8787	74.95226	1.279647	100	2.3
1412.941	1051.941	322.2352	14.9847	0.344014	1.627773	489.0433		0.279596	0.51729	280.2979	68.9537	1.177051	100	2
1413.093	1052.093	322.2403	14.98667	0.342354	1.661966	487.0391		0.278013	0.529483	265.6562	64.96239	1.108789	100	1.8
1413.246	1052.246	322.2455	14.99111	0.342287	1.591036	485.8513		0.277975	0.547594	240.7156	58.86398	1.004417	100	1.5
1413.398	1052.398	322.2506	14.99047	0.340705	1.421533	485.9084		0.276468	0.543168	248.9026	60.78196	1.037203	100	1.6
1413.55	1052.55	322.2557	14.91751	0.34095	1.284817	486.645		0.276732	0.568681	213.3296	52.94313	0.907874	100	1.1
1413.703	1052.703	322.2608	14.83858	0.340667	1.228401	486.9591		0.276484	0.581816	195.5457	49.45078	0.852514	100	0.9
1413.855	1052.855	322.2659	14.75121	0.346163	1.146732	486.1745		0.281844	0.576629	195.307	49.4056	0.8568	100	0.9
1414.008	1053.008	322.2711	14.66374	0.350544	1.058909	484.0117		0.286127	0.495546	301.2915	75.4221	1.315818	100	2.1
1414.16	1053.16	322.2762	14.60375	0.353671	0.978132	480.9247		0.289193	0.455361	352.5148	98.93226	1.733109	100	3.2
1414.312	1053.312	322.2813	14.5213	0.347724	0.982259	477.2314		0.283442	0.474121	334.5638	88.75128	1.563632	100	2.8
1414.465	1053.465	322.2864	14.56859	0.336023	1.062432	473.2838		0.272118	0.482605	338.482	90.72662	1.593253	100	3.1
1414.617	1053.617	322.2915	14.53929	0.32741	1.166498	470.8447		0.263806	0.484881	346.8117	95.35638	1.677965	100	3.5
1414.77	1053.77	322.2967	14.60562	0.326401	1.270901	472.6832		0.262858	0.480225	354.5457	100.2996	1.756938	100	3.8
1414.922	1053.922	322.3018	14.6134	0.330832	1.374994	480.1617		0.267172	0.496193	326.5574	85.04415	1.488937	100	3
1415.074	1054.074	322.3069	14.64187	0.335529	1.409455	491.2701		0.271748	0.56076	231.1395	56.71172	0.990977	100	1.5
1415.227	1054.227	322.312	14.6419	0.346915	1.27943	502.0289		0.282818	0.630927	119.0319	36.93419	0.645394	100	0.3
1415.379	1054.379	322.3171	14.55161	0.35218	1.167253	509.047		0.28796	0.601864	152.0426	41.88268	0.736428	100	0.5
1415.532	1054.532	322.3223	14.52141	0.350895	1.15455	510.6823		0.286738	0.543081	234.8499	57.53453	1.01376	100	1.3
1415.684	1054.684	322.3274	14.52287	0.351078	1.195959	507.3665		0.286943	0.489775	308.1294	77.78247	1.370411	100	2.3
1415.836	1054.836	322.3325	14.45259	0.355062	1.2146	501.3104		0.290843	0.494511	296.2111	73.75861	1.305874	100	2.1
1415.989	1054.989	322.3376	14.47572	0.351686	1.293907	495.7497		0.287588	0.494868	300.2106	75.06212	1.326842	100	2.2
1416.141	1055.141	322.3427	14.44235	0.340835	1.498995	492.8088		0.27708	0.520394	279.486	68.72272	1.217616	100	2.1
1416.294	1055.294	322.3479	14.45179	0.335465	1.550771	492.2974		0.271902	0.533435	268.6348	65.74622	1.164133	100	2

1416.446	1055.446	322.353	14.53421	0.341182	1.411885	492.8656
1416.598	1055.598	322.3581	14.60994	0.341286	1.366144	493.2561
1416.751	1055.751	322.3632	14.60445	0.338532	1.412105	493.0112
1416.903	1055.903	322.3683	14.6476	0.336681	1.486404	492.414
1417.056	1056.056	322.3735	14.56015	0.338822	1.514255	492.1725
1417.208	1056.208	322.3786	14.47477	0.342892	1.478888	492.6741
1417.36	1056.36	322.3837	14.59027	0.347369	1.408255	493.4265
1417.513	1056.513	322.3888	14.59273	0.350238	1.31989	493.944
1417.665	1056.665	322.3939	14.63111	0.349627	1.295472	494.1405
1417.818	1056.818	322.3991	14.77545	0.347433	1.367435	494.3691
1417.97	1056.97	322.4042	14.91377	0.344298	1.445062	494.9944
1418.122	1057.122	322.4093	14.91615	0.342232	1.499348	495.9851
1418.275	1057.275	322.4144	14.9779	0.34247	1.44799	496.6391
1418.427	1057.427	322.4195	15.00246	0.343738	1.422482	496.4292
1418.58	1057.58	322.4247	15.03723	0.347536	1.396829	495.5336
1418.732	1057.732	322.4298	15.07196	0.349961	1.45482	494.6537
1418.884	1057.884	322.4349	15.17491	0.350735	1.456733	494.2439
1419.037	1058.037	322.44	15.24063	0.348531	1.417533	494.1356
1419.189	1058.189	322.4452	15.24387	0.34581	1.359023	494.1544
1419.342	1058.342	322.4503	15.24743	0.344551	1.341806	494.221
1419.494	1058.494	322.4554	15.2801	0.345008	1.370941	494.5034
1419.646	1058.646	322.4605	15.31454	0.346664	1.406771	495.1797
1419.799	1058.799	322.4656	15.37805	0.348446	1.409281	496.2401
1419.951	1058.951	322.4708	15.45353	0.351457	1.359208	497.1131
1420.104	1059.104	322.4759	15.34367	0.353427	1.346369	497.3383
1420.256	1059.256	322.481	15.33481	0.353572	1.371798	497.0936
1420.408	1059.408	322.4861	15.36438	0.351399	1.386485	496.6775
1420.561	1059.561	322.4912	15.42531	0.349767	1.456155	496.5406
1420.713	1059.713	322.4964	15.43662	0.351858	1.428101	496.3912
1420.866	1059.866	322.5015	15.44979	0.357726	1.357128	495.9401
1421.018	1060.018	322.5066	15.40902	0.363692	1.227234	495.927
1421.17	1060.17	322.5117	15.36812	0.364527	1.235178	496.6161
1421.323	1060.323	322.5169	15.26175	0.359251	1.306994	497.3399
1421.475	1060.475	322.522	15.21721	0.353728	1.381178	497.5365
1421.628	1060.628	322.5271	15.24814	0.354092	1.358036	497.114
1421.78	1060.78	322.5322	15.24977	0.356341	1.334843	496.2499
1421.932	1060.932	322.5373	15.3139	0.356807	1.349297	495.4305
1422.085	1061.085	322.5425	15.30617	0.355363	1.385884	494.8745
1422.237	1061.237	322.5476	15.28346	0.35537	1.369978	494.4392
1422.39	1061.39	322.5527	15.37925	0.358023	1.331295	494.1436
1422.542	1061.542	322.5578	15.4764	0.361468	1.301676	493.9306
1422.694	1061.694	322.5629	15.38385	0.360874	1.340595	493.6891
1422.847	1061.847	322.5681	15.40702	0.354279	1.411955	493.3587
1422.999	1061.999	322.5732	15.39556	0.345334	1.496038	493.063
1423.152	1062.152	322.5783	15.28528	0.341795	1.513358	492.8818
1423.304	1062.304	322.5834	15.22048	0.343389	1.466438	492.8307
1423.456	1062.456	322.5885	15.28096	0.346825	1.432635	493.0687
1423.609	1062.609	322.5937	15.31054	0.347257	1.420004	493.9195
1423.761	1062.761	322.5988	15.26063	0.348044	1.468006	495.2912
1423.914	1062.914	322.6039	15.22956	0.347534	1.493219	496.7201
1424.066	1063.066	322.609	15.2006	0.348635	1.49248	497.7169
1424.218	1063.218	322.6141	15.21292	0.349808	1.47637	498.1359
1424.371	1063.371	322.6193	15.1917	0.347108	1.488033	498.2214
1424.523	1063.523	322.6244	15.22616	0.340247	1.540772	498.0021
1424.676	1063.676	322.6295	15.26312	0.33288	1.578181	497.4017
1424.828	1063.828	322.6346	15.24949	0.334577	1.563619	496.4614
1424.98	1063.98	322.6397	15.23586	0.343015	1.536731	495.823
1425.133	1064.133	322.6449	15.22324	0.348986	1.500271	496.0418
1425.285	1064.285	322.65	15.21102	0.346879	1.501639	496.7116
1425.438	1064.438	322.6551	15.28411	0.340381	1.520431	496.8066
1425.59	1064.59	322.6602	15.30159	0.33786	1.520369	496.0061
1425.742	1064.742	322.6653	15.30878	0.338545	1.539952	495.4217
1425.895	1064.895	322.6705	15.30721	0.340818	1.55	496.5201
1426.047	1065.047	322.6756	15.35966	0.344385	1.544006	499.2827
1426.2	1065.2	322.6807	15.41045	0.347608	1.50159	501.8676
1426.352	1065.352	322.6858	15.4942	0.351655	1.445353	502.2928
1426.504	1065.504	322.6909	15.5334	0.353542	1.495274	499.787
1426.657	1065.657	322.6961	15.51517	0.352904	1.573038	495.2614
1426.809	1065.809	322.7012	15.5241	0.348244	1.687634	491.2598
1426.962	1065.962	322.7063	15.45307	0.343652	1.682387	490.075
1427.114	1066.114	322.7114	15.4106	0.342334	1.564791	491.6021
1427.266	1066.266	322.7165	15.30747	0.34561	1.370715	494.13
1427.419	1066.419	322.7217	15.31044	0.348242	1.281951	496.1716
1427.571	1066.571	322.7268	15.21574	0.35134	1.301696	497.2002
1427.724	1066.724	322.7319	15.09957	0.354813	1.326036	497.8161
1427.876	1066.876	322.737	14.97811	0.358261	1.311627	498.3367
1428.028	1067.028	322.7421	14.95021	0.357444	1.320277	498.6064
1428.181	1067.181	322.7473	15.0288	0.35365	1.389571	498.7299
1428.333	1067.333	322.7524	15.07162	0.354187	1.425714	498.7487
1428.486	1067.486	322.7575	15.14419	0.358964	1.362147	498.7675

0.277471	0.529974	265.726	64.98061	1.144048	100	1.9
0.277599	0.521667	277.0128	68.02652	1.191467	100	2
0.274955	0.525539	275.3183	67.55583	1.183686	100	2
0.273188	0.511964	296.4902	73.8482	1.290136	100	2.4
0.275291	0.486932	328.1334	85.74231	1.506969	100	3
0.279265	0.473777	340.802	91.95358	1.62572	100	3.3
0.283638	0.487106	316.3738	80.84705	1.418031	100	2.6
0.286452	0.491268	306.7471	77.29309	1.355486	100	2.3
0.285885	0.498271	297.8653	74.29246	1.299457	100	2.2
0.283781	0.486957	316.3813	80.84994	1.400332	100	2.5
0.280765	0.473787	338.7193	90.8501	1.558944	100	3
0.278787	0.473974	341.1904	92.16341	1.58125	100	3.2
0.279045	0.485845	324.4529	84.13371	1.437549	100	2.7
0.280302	0.498182	305.6919	76.92385	1.312224	100	2.3
0.284016	0.488563	313.8415	79.87752	1.359477	100	2.4
0.286398	0.506497	285.8053	70.55441	1.198051	100	1.9
0.287178	0.512543	276.3853	67.85164	1.144357	100	1.8
0.285063	0.517173	272.9147	66.89663	1.123404	100	1.7
0.282448	0.503803	294.9744	73.36421	1.23177	100	2.1
0.281252	0.490903	314.4253	80.09867	1.344546	100	2.4
0.281723	0.482407	325.5005	84.58385	1.416821	100	2.6
0.283358	0.471396	338.4387	90.70412	1.515947	100	2.9
0.285115	0.470932	336.6547	89.79091	1.494516	100	2.8
0.288067	0.465722	339.7704	91.40243	1.513941	100	2.8
0.29001	0.468236	333.6212	88.29301	1.472914	100	2.7
0.290178	0.469535	331.5962	87.32911	1.457696	100	2.6
0.288093	0.474247	327.9718	85.67005	1.427274	100	2.6
0.286533	0.49105	306.9344	77.35901	1.283746	100	2.2
0.288593	0.502114	288.8248	71.45854	1.184979	100	1.9
0.294326	0.487223	301.4618	75.47912	1.250604	100	2
0.300161	0.505894	267.6451	65.48428	1.087882	100	1.4
0.301001	0.500853	273.4415	67.04027	1.116707	100	1.5
0.295891	0.497451	285.1893	70.37233	1.180389	100	1.8
0.290545	0.504784	282.4468	69.57114	1.17038	100	1.8
0.290925	0.516278	266.0588	65.06755	1.092414	100	1.6
0.29314	0.52126	256.128	62.54002	1.049882	100	1.4
0.29362	0.512806	267.1312	65.34886	1.09246	100	1.5
0.292242	0.508672	274.7385	67.39594	1.127267	100	1.7
0.292276	0.510905	271.6097	66.54273	1.114664	100	1.6
0.294884	0.490068	296.7656	73.93675	1.230834	100	1.9
0.298264	0.482728	302.2306	75.73761	1.252928	100	1.9
0.297713	0.491485	290.9058	72.09342	1.199823	100	1.8
0.291323	0.492432	298.4177	74.47237	1.237571	100	2
0.282659	0.484269	321.6391	82.95317	1.379548	100	2.5
0.279252	0.470869	344.8337	94.19827	1.577872	100	3.2
0.280826	0.476713	334.597	88.76757	1.493252	100	2.9
0.284188	0.482731	321.6516	82.95835	1.390029	100	2.5
0.284634	0.510572	282.616	69.62013	1.164302	100	1.9
0.285425	0.513862	276.9828	68.01816	1.141245	100	1.8
0.284957	0.518509	271.2179	66.43703	1.117004	100	1.8
0.286054	0.497505	298.6889	74.56099	1.255998	100	2.1
0.287219	0.485273	313.9602	79.92237	1.345241	100	2.4
0.284624	0.501358	295.345	73.48197	1.238582	100	2.1
0.277993	0.48081	332.8516	87.92339	1.478668	100	2.9
0.270881	0.470331	357.128	102.1174	1.713247	100	3.7
0.272551	0.462044	366.259	109.3726	1.836635	100	4.1
0.280759	0.455398	364.1044	107.532	1.807366	100	3.8
0.286583	0.451053	362.0634	105.8656	1.780857	100	3.7
0.284563	0.46154	350.3786	97.54925	1.642302	100	3.3
0.278284	0.494557	313.48	79.74123	1.336096	100	2.5
0.275867	0.509119	296.72	73.92208	1.237197	100	2.2
0.276558	0.508042	297.252	74.09369	1.239505	100	2.2
0.278788	0.502625	301.6492	75.54197	1.263881	100	2.3
0.282276	0.479894	328.2047	85.77426	1.4302	100	2.7
0.285432	0.484263	317.8208	81.41325	1.353035	100	2.4
0.289391	0.494206	298.636	74.5437	1.2322	100	2
0.291252	0.519403	261.2955	63.83826	1.052597	100	1.5
0.290659	0.535548	239.8346	58.66199	0.968396	100	1.3
0.286158	0.528925	255.1856	62.30704	1.027992	100	1.6
0.281726	0.505013	294.3003	73.15085	1.212457	100	2.2
0.280474	0.473686	339.2586	91.13238	1.514675	100	3
0.28368	0.460674	352.7909	99.11509	1.658462	100	3.3
0.286263	0.453985	358.4571	103.0899	1.724662	100	3.4
0.2893	0.468204	334.6445	88.79083	1.494704	100	2.7
0.292703	0.491262	298.1287	74.37815	1.261732	100	2
0.296084	0.493335	290.6018	72.00005	1.231319	100	1.9
0.295316	0.481924	307.4087	77.52649	1.328326	100	2.2
0.291653	0.47131	327.1116	85.28803	1.453683	100	2.6
0.292201	0.483837	309.0674	78.1183	1.327713	100	2.3
0.296876	0.481248	306.19	77.09768	1.304105	100	2.1

1428.638	1067.638	322.7626	15.18324	0.362168	1.311663	498.7863	0.300021	0.497422	279.5292	68.73498	1.159676	100	1.7
1428.79	1067.79	322.7677	15.08202	0.358975	1.312624	498.821	0.29694	0.480901	306.5802	77.23446	1.311842	100	2.1
1428.943	1067.943	322.7729	14.99837	0.355251	1.373307	498.9288	0.293344	0.508058	274.0657	67.21107	1.14798	100	1.7
1429.095	1068.095	322.778	15.05993	0.354367	1.41601	499.1508	0.292511	0.515866	264.4396	64.64602	1.099668	100	1.6
1429.248	1068.248	322.7831	15.09156	0.356109	1.429872	499.3823	0.294232	0.519798	256.638	62.66659	1.063777	100	1.5
1429.4	1068.4	322.7882	15.1228	0.355295	1.452974	499.1758	0.293467	0.50279	281.1662	69.20212	1.172307	100	1.8
1429.552	1068.552	322.7933	15.11268	0.352267	1.497995	498.1116	0.29055	0.494171	297.0856	74.03993	1.25512	100	2.1
1429.705	1068.705	322.7985	15.17614	0.348913	1.554288	496.2568	0.287318	0.489911	307.4251	77.5323	1.308844	100	2.3
1429.857	1068.857	322.8036	15.23942	0.348821	1.528004	494.2177	0.287254	0.488922	308.8764	78.04967	1.312127	100	2.3
1430.01	1069.01	322.8087	15.30089	0.349972	1.516111	492.7854	0.2884	0.496945	296.224	73.76277	1.235096	100	2.1
1430.162	1069.162	322.8138	15.39664	0.347287	1.564013	492.2674	0.285819	0.487001	313.5087	79.75203	1.327103	100	2.4
1430.314	1069.314	322.819	15.49869	0.340538	1.642455	492.8578	0.279296	0.481878	329.5808	86.39652	1.428238	100	2.8
1430.467	1069.467	322.8241	15.43513	0.334672	1.71315	494.2737	0.273637	0.486588	330.8884	86.99862	1.444125	100	3
1430.619	1069.619	322.8292	15.36801	0.335975	1.697636	495.6168	0.274926	0.49472	317.8884	81.43993	1.35777	100	2.7
1430.772	1069.772	322.8343	15.30006	0.342322	1.611622	496.1407	0.281107	0.488688	317.6823	81.35869	1.362454	100	2.6
1430.924	1069.924	322.8394	15.28087	0.349088	1.510753	495.5179	0.287702	0.496352	298.0063	74.33831	1.246469	100	2.1
1431.076	1070.076	322.8446	15.20286	0.352131	1.486871	494.2761	0.290686	0.505295	281.5457	69.31114	1.168154	100	1.9
1431.229	1070.229	322.8497	15.25519	0.352195	1.496993	493.2627	0.290775	0.492536	299.0308	74.67304	1.254224	100	2.1
1431.381	1070.381	322.8548	15.20817	0.350152	1.532593	492.6591	0.288816	0.472785	328.9903	86.1281	1.451117	100	2.7
1431.534	1070.534	322.8599	15.16311	0.349894	1.51879	492.3127	0.288592	0.456146	352.2614	98.76534	1.669003	100	3.3
1431.686	1070.686	322.865	15.10703	0.35345	1.491785	492.4966	0.292075	0.487826	303.7366	76.24914	1.293312	100	2.2
1431.838	1070.838	322.8702	15.14773	0.356177	1.461932	494.1191	0.294754	0.490441	296.4309	73.82914	1.248917	100	2
1431.991	1070.991	322.8753	15.28888	0.354384	1.449795	497.3421	0.293037	0.499861	285.8008	70.55306	1.182498	100	1.9
1432.143	1071.143	322.8804	15.2878	0.348379	1.491104	500.781	0.287228	0.447429	366.1743	109.2986	1.832044	100	3.8
1432.296	1071.296	322.8855	15.40082	0.343385	1.533791	502.6291	0.282407	0.439882	383.241	127.6098	2.12332	100	4.8
1432.448	1071.448	322.8907	15.48183	0.340583	1.597354	502.1143	0.279715	0.434599	394.2467	144.4047	2.390251	100	5.6
1432.6	1071.6	322.8958	15.48738	0.341998	1.59639	500.1929	0.281115	0.432042	395.8446	147.29	2.437171	100	5.7
1432.753	1071.753	322.9009	15.52049	0.345161	1.537807	498.249	0.28421	0.450101	366.6501	109.7162	1.811606	100	3.8
1432.905	1071.905	322.906	15.57101	0.349637	1.47088	497.2547	0.288583	0.482255	316.2431	80.79636	1.329788	100	2.3
1433.058	1072.058	322.9111	15.61225	0.347806	1.504845	497.3593	0.286832	0.510383	279.8436	68.8243	1.129776	100	1.8
1433.21	1072.21	322.9163	15.62788	0.345839	1.592732	498.137	0.284949	0.500386	296.2377	73.76715	1.209723	100	2.1
1433.362	1072.362	322.9214	15.64255	0.344059	1.664525	498.8387	0.283248	0.515605	277.5823	68.18586	1.117164	100	1.9
1433.515	1072.515	322.9265	15.64021	0.345747	1.682476	498.8003	0.284913	0.504751	290.2641	71.8966	1.178153	100	2
1433.667	1072.667	322.9316	15.71086	0.345285	1.686124	497.8473	0.284492	0.499916	297.5171	74.17949	1.210127	100	2.1
1433.82	1072.82	322.9368	15.63671	0.344357	1.683244	496.0878	0.283617	0.491504	310.3325	78.57617	1.287934	100	2.4
1433.972	1072.972	322.9419	15.56252	0.343739	1.717135	494.4488	0.283045	0.481058	325.539	84.60051	1.393294	100	2.7
1434.124	1073.124	322.947	15.56476	0.345754	1.666173	493.7627	0.285027	0.473868	332.726	87.86347	1.446845	100	2.8
1434.277	1073.277	322.9521	15.66239	0.347053	1.599907	494.1149	0.286315	0.477663	325.7099	84.67459	1.385681	100	2.6
1434.429	1073.429	322.9572	15.70053	0.346008	1.544903	495.3529	0.285327	0.497997	299.0123	74.66697	1.218965	100	2.1
1434.582	1073.582	322.9624	15.73737	0.347149	1.455286	496.9089	0.286462	0.488001	311.2419	78.90894	1.285228	100	2.2
1434.734	1073.734	322.9675	15.65962	0.350712	1.400301	498.2392	0.28995	0.477396	321.0633	82.71654	1.353934	100	2.4
1434.886	1073.886	322.9726	15.55561	0.354994	1.391343	498.8836	0.294139	0.467266	329.2611	86.25091	1.421225	100	2.5
1435.039	1074.039	322.9777	15.55966	0.354082	1.467343	498.6832	0.293279	0.48932	300.0148	74.99726	1.235486	100	2
1435.191	1074.191	322.9828	15.56506	0.351724	1.577358	497.9207	0.291013	0.490537	301.4622	75.47926	1.243013	100	2.1
1435.344	1074.344	322.988	15.57037	0.349205	1.626422	497.1869	0.288592	0.5213	262.3492	64.10741	1.055394	100	1.6
1435.496	1074.496	322.9931	15.45988	0.349044	1.620234	496.888	0.288463	0.528956	251.9615	61.51843	1.020013	100	1.5
1435.648	1074.648	322.9982	15.31872	0.348204	1.591304	497.0627	0.287674	0.531661	249.3184	60.88141	1.018758	100	1.5
1435.801	1074.801	323.0033	15.32638	0.347961	1.615793	497.8275	0.287464	0.503433	288.5624	71.37919	1.193842	100	2
1435.953	1074.953	323.0084	15.33471	0.348301	1.655496	499.1134	0.287821	0.478644	322.279	83.21809	1.391116	100	2.6
1436.106	1075.106	323.0136	15.34201	0.349668	1.647522	500.2849	0.289176	0.467261	336.1175	89.5207	1.495784	100	2.9
1436.258	1075.258	323.0187	15.37831	0.351209	1.644517	500.3673	0.2907	0.463219	339.5919	91.30802	1.522071	100	2.9
1436.41	1075.41	323.0238	15.41696	0.350491	1.65404	499.1729	0.290029	0.475407	323.6985	83.81316	1.393655	100	2.6
1436.563	1075.563	323.0289	15.33669	0.350074	1.69781	497.1942	0.28965	0.470731	330.6745	86.89939	1.45255	100	2.8
1436.715	1075.715	323.034	15.35409	0.349345	1.697932	495.2408	0.288969	0.468509	334.6808	88.80862	1.482803	100	2.9
1436.868	1075.868	323.0392	15.37015	0.348758	1.686399	494.0402	0.288425	0.444401	368.6996	111.5662	1.86086	100	4
1437.02	1076.02	323.0443	15.43041	0.347369	1.611207	493.6111	0.287103	0.44301	372.4438	115.1774	1.913625	100	4.1
1437.172	1076.172	323.0494	15.47262	0.347495	1.532502	493.7919	0.287252	0.453379	357.9285	102.7001	1.701693	100	3.5
1437.325	1076.325	323.0545	15.43606	0.347864	1.484551	494.6268	0.287637	0.462745	344.4719	93.99061	1.561088	100	3
1437.477	1076.477	323.0596	15.51581	0.347136	1.509326	496.1158	0.286957	0.47089	334.1707	88.55943	1.463352	100	2.8
1437.63	1076.63	323.0648	15.48064	0.346116	1.56157	497.621	0.285993	0.488531	311.1566	78.8776	1.306345	100	2.4
1437.782	1076.782	323.0699	15.44864	0.345609	1.589599	498.1509	0.285528	0.468515	339.4211	91.21787	1.513867	100	3
1437.934	1076.934	323.075	15.56661	0.346936	1.596032	497.4839	0.286843	0.478388	323.9815	83.93307	1.382447	100	2.6
1438.087	1077.087	323.0801	15.65658	0.348901	1.553474	496.5244	0.288778	0.487959	308.1035	77.77323	1.273661	100	2.2
1438.239	1077.239	323.0852	15.67334	0.351873	1.539964	495.9842	0.291693	0.522221	256.7985	62.70649	1.025838	100	1.5
1438.392	1077.392	323.0904	15.70931	0.353199	1.535902	496.041	0.293008	0.511317	270.0319	66.11855	1.079202	100	1.6
1438.544	1077.544	323.0955	15.78045	0.351928	1.554285	496.5141	0.291799	0.506531	278.3047	68.38881	1.111255	100	1.7
1438.696	1077.696	323.1006	15.85237	0.348894	1.550137	496.9489	0.288878	0.49492	298.3586	74.4531	1.20434	100	2
1438.849	1077.849	323.1057	15.81911	0.349005	1.59296	497.3899	0.289012	0.508452	279.5001	68.72672	1.114057	100	1.8
1439.001	1078.001	323.1108	15.78229	0.351388	1.577857	498.1581	0.291354	0.521983	257.5948	62.90493	1.022072	100	1.5
1439.154	1078.154	323.116	15.8581	0.353796	1.538829	499.66	0.293722	0.524248	251.2021	61.33454	0.991821	100	1.4
1439.306	1078.306	323.1211	15.93518	0.352802	1.51756	501.7174	0.292782	0.532744	240.7748	58.87758	0.947515	100	1.3
1439.458	1078.458	323.1262	15.95688	0.351035	1.545421	503.6481	0.291091	0.507298	278.2233	68.36589	1.098735	100	1.7
1439.611	1078.611	323.1313	15.95906	0.351844	1.569498	504.3018	0.291905	0.485124	307.7004	77.62988	1.247468	100	2.1
1439.763	1078.763	323.1364	15.86501	0.35407	1.586181	502.9296	0.294096	0.464766	332.7706	87.88473	1.420618	100	2.6
1439.916	1078.916	323.1416	15.7715	0.355673	1.594419	500.1666	0.29568	0.493743	290.5953	71.99806	1.170712	100	1.9
1440.068	1079.068	323.1467	15.88431	0.355337	1.592042	497.1016	0.295381	0.499878	282.5426	69.59887	1.123705	100	1.8
1440.22	1079.22	323.1518	15.98554	0.350594	1.642341	495.0309	0.290797	0.502668	285.0194	70.32226	1.128237	100	1.8
1440.373	1079.373	323.1569	15.98097	0.345141	1.664386	494.4653	0.285527	0.499647	296.4603	73.83858	1.185006	100	2.1
1440.525	1079.525	323.162	15.97312	0.341635	1.584454	495.1287	0.282152	0.493387	309.7567	78.36707	1.258316	100	2.3
1440.678	1079.678	323.1672	16.01526	0.342654	1.448152	496.7353	0.283167	0.497397	302.8217	75.93755	1.216127	100	2.1

1440.83	1079.83	323.1723	16.12849	0.346883	1.373059	498.5197	0.287298	0.513849	274.4165	67.30735	1.070397	100	1.6
1440.982	1079.982	323.1774	16.22393	0.351857	1.337654	499.7166	0.292158	0.511713	270.658	66.28641	1.048006	100	1.5
1441.135	1080.135	323.1825	16.30448	0.357462	1.300756	500.2213	0.297634	0.509325	266.3964	65.15594	1.025086	100	1.4
1441.287	1080.287	323.1876	16.38635	0.358786	1.343618	500.3447	0.298949	0.495102	284.2103	70.08459	1.097167	100	1.6
1441.44	1080.44	323.1928	16.47114	0.354441	1.424617	500.3636	0.294749	0.479297	311.816	79.12059	1.232307	100	2
1441.592	1080.592	323.1979	16.52266	0.347938	1.510276	500.3823	0.288456	0.453724	355.7917	101.1653	1.570796	100	3.1
1441.744	1080.744	323.203	16.57099	0.344658	1.491482	500.3535	0.285299	0.43593	384.7041	129.5695	2.006032	100	4.4
1441.897	1080.897	323.2081	16.61712	0.345595	1.447839	500.1086	0.286234	0.43517	384.4615	129.2394	1.995435	100	4.3
1442.049	1081.049	323.2132	16.61651	0.34817	1.414723	499.4699	0.288762	0.46127	344.956	94.26873	1.455567	100	2.7
1442.202	1081.202	323.2184	16.61806	0.347423	1.468439	498.4472	0.288062	0.4654	340.2215	91.64232	1.414902	100	2.6
1442.354	1081.354	323.2235	16.57251	0.344834	1.550532	497.5672	0.285576	0.466589	342.0137	92.61263	1.433803	100	2.8
1442.506	1081.506	323.2286	16.5353	0.34354	1.578284	497.1191	0.284346	0.475702	331.1339	87.11288	1.35169	100	2.5
1442.659	1081.659	323.2337	16.53513	0.347978	1.486064	496.7884	0.288682	0.480027	319.1819	81.95437	1.271678	100	2.2
1442.811	1081.811	323.2388	16.53483	0.355405	1.39134	496.261	0.295926	0.491965	292.7104	72.65212	1.127372	100	1.7
1442.964	1081.964	323.244	16.49151	0.358219	1.353471	495.4128	0.298691	0.508644	265.8784	65.0204	1.011593	100	1.3
1443.116	1082.116	323.2491	16.45218	0.352404	1.417029	494.7202	0.293061	0.520215	257.6786	62.92585	0.981345	100	1.3
1443.268	1082.268	323.2542	16.41027	0.346772	1.44718	494.6501	0.287617	0.511355	277.4185	68.13997	1.065371	100	1.6
1443.421	1082.421	323.2593	16.36444	0.346825	1.442446	495.377	0.287695	0.497654	296.2188	73.76109	1.156483	100	1.9
1443.573	1082.573	323.2645	16.4438	0.351373	1.387325	496.9167	0.29214	0.485104	307.4044	77.52498	1.209684	100	2
1443.726	1082.726	323.2696	16.45263	0.354169	1.393548	498.7266	0.294884	0.495472	289.3087	71.60531	1.116734	100	1.7
1443.878	1082.878	323.2747	16.50941	0.353713	1.391005	499.9331	0.294467	0.484276	305.3344	76.79956	1.193667	100	1.9
1444.03	1083.03	323.2798	16.51734	0.353078	1.391518	500.0725	0.293877	0.494004	292.7241	72.65637	1.128748	100	1.7
1444.183	1083.183	323.2849	16.513	0.351589	1.410301	499.1035	0.292456	0.487507	303.6516	76.22008	1.184437	100	1.9
1444.335	1083.335	323.2901	16.51163	0.349199	1.450008	497.1629	0.290161	0.497927	292.439	72.56758	1.127787	100	1.8
1444.488	1083.488	323.2952	16.52609	0.348617	1.477976	495.1555	0.289622	0.501368	288.4349	71.34069	1.107771	100	1.7
1444.64	1083.64	323.3003	16.53974	0.348568	1.506156	493.9549	0.289601	0.516034	268.2231	65.63709	1.018385	100	1.5
1444.792	1083.792	323.3054	16.61112	0.349384	1.556213	493.9768	0.29042	0.52437	255.5898	62.40683	0.964149	100	1.4
1444.945	1083.945	323.3106	16.53476	0.349956	1.547842	494.8942	0.291003	0.507242	278.4225	68.42197	1.061941	100	1.6
1445.097	1084.097	323.3157	16.56084	0.350714	1.514249	495.9926	0.291766	0.487145	305.103	76.71933	1.188874	100	2
1445.25	1084.25	323.3208	16.53972	0.350549	1.461704	496.6466	0.291632	0.481891	312.5376	79.38841	1.231812	100	2.1
1445.402	1084.402	323.3259	16.45861	0.35	1.444466	496.5097	0.291125	0.500836	287.0929	70.93754	1.106089	100	1.7
1445.554	1084.554	323.331	16.36418	0.3515	1.413453	495.9917	0.292609	0.525507	250.9995	61.2856	0.961085	100	1.3
1445.707	1084.707	323.3362	16.27851	0.352773	1.375349	495.8073	0.293873	0.532388	239.759	58.64469	0.924495	100	1.1
1445.859	1084.859	323.3413	16.32447	0.349464	1.422096	496.3372	0.290684	0.510493	274.3763	67.29632	1.057927	100	1.6
1446.012	1085.012	323.3464	16.20188	0.342516	1.527605	497.0006	0.283965	0.501619	295.8942	73.65718	1.166652	100	2
1446.164	1085.164	323.3515	16.08118	0.336906	1.634874	497.4194	0.278552	0.49269	315.6869	80.58139	1.285877	100	2.4
1446.316	1085.316	323.3566	16.001	0.337514	1.622825	497.7653	0.279167	0.497706	307.9147	77.70602	1.246198	100	2.3
1446.469	1085.469	323.3618	16.00405	0.3409	1.56522	498.1524	0.282477	0.494229	308.146	77.78837	1.247299	100	2.3
1446.621	1085.621	323.3669	16.00597	0.343156	1.535837	498.4028	0.284692	0.498213	299.5901	74.85701	1.20017	100	2.1
1446.774	1085.774	323.372	16.00854	0.342242	1.562073	497.866	0.283832	0.498461	300.4357	75.13679	1.20448	100	2.1
1446.926	1085.926	323.3771	15.95148	0.341143	1.565321	496.7127	0.282793	0.505756	291.8029	72.3702	1.16428	100	2
1447.078	1086.078	323.3822	15.89591	0.340302	1.543152	495.855	0.282004	0.530733	258.4235	63.11233	1.018892	100	1.6
1447.231	1086.231	323.3874	15.84085	0.339758	1.526919	495.7817	0.281503	0.545139	239.235	58.52499	0.948121	100	1.4
1447.383	1086.383	323.3925	15.8916	0.338186	1.568611	496.5053	0.280005	0.538395	250.6091	61.19144	0.988176	100	1.5
1447.536	1086.536	323.3976	15.94192	0.338672	1.603987	497.5372	0.280503	0.500065	302.816	75.93563	1.222438	100	2.2
1447.688	1086.688	323.4027	15.94888	0.341194	1.576913	498.7913	0.282975	0.505324	292.1479	72.47714	1.166271	100	2
1447.84	1086.84	323.4078	15.85132	0.344221	1.555321	500.4646	0.285938	0.523421	263.0843	64.29611	1.040987	100	1.6
1447.993	1086.993	323.413	15.85675	0.345243	1.549224	502.0298	0.286957	0.539409	239.6155	58.61188	0.948645	100	1.3
1448.145	1087.145	323.4181	15.86078	0.350333	1.498304	502.6327	0.291926	0.538594	233.8814	57.31843	0.927489	100	1.2
1448.298	1087.298	323.4232	15.87779	0.360739	1.408351	501.9624	0.302074	0.523083	241.2835	58.99461	0.953606	100	1.2
1448.45	1087.45	323.4283	15.94018	0.371313	1.340433	500.4568	0.312405	0.501343	257.0282	62.76363	1.010586	100	1.2
1448.602	1087.602	323.4334	15.93302	0.372533	1.411014	498.5479	0.313622	0.492642	267.3554	65.4079	1.053649	100	1.4
1448.755	1087.755	323.4386	15.91165	0.36664	1.478757	496.7978	0.307902	0.499157	266.2586	65.11983	1.050427	100	1.4
1448.907	1087.907	323.4437	15.81066	0.360429	1.461679	495.9621	0.301879	0.504683	266.9439	65.29961	1.060049	100	1.5
1449.06	1088.06	323.4488	15.78811	0.355173	1.381806	496.1365	0.296792	0.494689	287.7564	71.13636	1.156462	100	1.8
1449.212	1088.212	323.4539	15.75572	0.352539	1.321356	496.8125	0.294257	0.496687	288.4978	71.35969	1.162487	100	1.8
1449.364	1088.364	323.459	15.75653	0.35315	1.26524	497.2951	0.294877	0.477524	314.0862	79.97005	1.302706	100	2.2
1449.517	1088.517	323.4642	15.75775	0.357447	1.201763	497.1453	0.299082	0.471631	316.4158	80.86334	1.317174	100	2.1
1449.669	1088.669	323.4693	15.76159	0.358128	1.185043	496.497	0.299771	0.447377	348.9349	96.64486	1.573877	100	2.8
1449.822	1088.822	323.4744	15.75218	0.355751	1.196461	495.8585	0.297486	0.469724	321.2503	82.79321	1.349123	100	2.2
1449.974	1088.974	323.4795	15.7421	0.35382	1.232877	495.6104	0.295635	0.491095	294.3126	73.15472	1.192841	100	1.8
1450.126	1089.126	323.4846	15.72937	0.353955	1.260829	495.7911	0.295793	0.505577	274.1104	67.22333	1.097026	100	1.6
1450.279	1089.279	323.4898	15.76009	0.35528	1.25927	496.0671	0.297107	0.507884	269.1116	65.87295	1.072914	100	1.5
1450.431	1089.431	323.4949	15.78676	0.355624	1.22136	496.2288	0.297469	0.511213	264.019	64.53715	1.0494	100	1.4
1450.584	1089.584	323.5	15.86276	0.356187	1.209618	496.2919	0.298043	0.500134	278.5164	68.44846	1.107698	100	1.6
1450.736	1089.736	323.5051	15.90699	0.352869	1.235958	496.3329	0.294843	0.47918	311.849	79.13279	1.27707	100	2.1
1450.888	1089.888	323.5102	16.0113	0.349865	1.240266	496.4913	0.29195	0.484238	308.8607	78.04402	1.251341	100	2
1451.041	1090.041	323.5154	16.06865	0.350437	1.185674	496.8687	0.292533	0.490622	299.2462	74.74379	1.194182	100	1.8
1451.193	1090.193	323.5205	15.95176	0.356877	1.111022	497.4115	0.29882	0.485337	297.8625	74.29156	1.195638	100	1.8
1451.346	1090.346	323.5256	16.09067	0.365507	1.049631	497.7636	0.307249	0.452381	331.7102	87.38264	1.39425	100	2.2
1451.498	1090.498	323.5307	16.1272	0.372232	1.037548	497.668	0.313832	0.436758	344.1857	93.82725	1.493722	100	2.4
1451.65	1090.65	323.5358	16.15829	0.372233	1.068374	497.3628	0.31386	0.415299	373.7599	116.5236	1.851518	100	3.4
1451.803	1090.803	323.541	16.15445	0.368896	1.114838	497.1307	0.310632	0.422111	368.8149	111.6729	1.774888	100	3.2
1451.955	1090.955	323.5461	16.19599	0.364469	1.145259	496.8253	0.306343	0.466344	313.6913	79.82081	1.265421	100	1.9
1452.108	1091.108	323.5512	16.1145	0.364219	1.159516	496.3362	0.306127	0.511534	251.6278	61.43754	0.978903	100	1.1
1452.26	1091.26	323.5563	16.14653	0.367563	1.137083	496.2817	0.309412	0.498368	265.2636	64.86006	1.031408	100	1.2
1452.412	1091.412	323.5614	16.25209	0.369064	1.099185	497.2212	0.310902	0.491522	272.6557	66.82617	1.055819	100	1.3
1452.565	1091.565	323.5666	16.35773	0.367382	1.075623	498.993	0.309289	0.501945	260.498	63.63557	0.998965	100	1.1
1452.717	1091.717	323.5717	16.26592	0.36146	1.086988	500.2024	0.303545	0.502506	267.6487	65.48523	1.033786	100	1.3
1452.87	1091.87	323.5768	16.22887	0.354685	1.113015	499.6273	0.296979	0.492969	289.8718	71.77672	1.135697	100	1.6

1453.022	1092.022	323.5819	16.24033	0.351554	1.105082	497.2198	0.293962	0.501117	282.7911	69.6709	1.101619	100	1.5
1453.174	1092.174	323.587	16.31666	0.353658	1.118475	493.9549	0.296034	0.514999	260.7743	63.70569	1.002625	100	1.2
1453.327	1092.327	323.5922	16.28323	0.357396	1.114703	491.2648	0.299696	0.513817	257.3516	62.84424	0.9911	100	1.2
1453.479	1092.479	323.5973	16.25349	0.357628	1.169919	489.7338	0.299948	0.50546	268.5371	65.7203	1.038359	100	1.3
1453.632	1092.632	323.6024	16.32282	0.350741	1.241747	489.0601	0.293278	0.518503	259.7415	63.44409	0.998174	100	1.3
1453.784	1092.784	323.6075	16.37485	0.342453	1.311192	488.7709	0.285257	0.525776	260.774	63.70562	0.999136	100	1.4
1453.936	1092.936	323.6126	16.42181	0.337068	1.319986	488.9452	0.280061	0.519894	276.061	67.76152	1.059741	100	1.6
1454.089	1093.089	323.6178	16.4779	0.33639	1.28513	490.1483	0.279431	0.481829	329.4615	86.34209	1.345778	100	2.5
1454.241	1093.241	323.6229	16.58221	0.339907	1.23803	492.12	0.282867	0.459133	356.0414	101.3412	1.569714	100	3.1
1454.394	1093.394	323.628	16.54592	0.3439	1.223411	493.6726	0.286767	0.444281	371.154	113.8981	1.768079	100	3.6
1454.546	1093.546	323.6331	16.51116	0.347567	1.219162	493.9167	0.290354	0.461961	341.8059	92.49866	1.438912	100	2.6
1454.698	1093.698	323.6383	16.49249	0.348913	1.212513	492.6938	0.291687	0.48398	309.5791	78.30281	1.219467	100	2
1454.851	1093.851	323.6434	16.42238	0.347248	1.189289	490.8102	0.290097	0.49849	291.7512	72.35418	1.131621	100	1.7
1455.003	1094.003	323.6485	16.39409	0.343064	1.213521	489.2569	0.286062	0.500276	294.8534	73.32582	1.148801	100	1.8
1455.156	1094.156	323.6536	16.36467	0.339042	1.256503	488.4119	0.282187	0.521516	270.8901	66.34879	1.041364	100	1.5
1455.308	1094.308	323.6587	16.33789	0.339745	1.294489	488.4782	0.282895	0.52556	264.3327	64.61832	1.015871	100	1.5
1455.46	1094.46	323.6639	16.31631	0.342635	1.271129	489.0749	0.285724	0.505202	288.5216	71.36685	1.123457	100	1.8
1455.613	1094.613	323.669	16.29834	0.345192	1.239267	489.7096	0.288233	0.496741	296.7364	73.92737	1.165057	100	1.8
1455.765	1094.765	323.6741	16.35241	0.346222	1.217063	490.4428	0.289259	0.48915	305.7956	76.95996	1.208877	100	1.9
1455.918	1094.918	323.6792	16.39849	0.348791	1.175747	491.068	0.29178	0.489792	301.4312	75.46885	1.182159	100	1.8
1456.07	1095.07	323.6844	16.44217	0.351054	1.153299	491.2868	0.294006	0.500041	284.2158	70.0862	1.09496	100	1.5
1456.222	1095.222	323.6895	16.38758	0.350293	1.155722	490.8546	0.293292	0.532137	240.9074	58.90806	0.923384	100	1.1
1456.375	1095.375	323.6946	16.47414	0.347432	1.176347	489.9015	0.29054	0.548375	222.2974	54.80459	0.854587	100	0.9
1456.527	1095.527	323.6997	16.60116	0.343813	1.198501	488.6213	0.287053	0.539339	239.5784	58.60339	0.906889	100	1.1
1456.68	1095.68	323.7048	16.56969	0.341372	1.198187	486.976	0.284711	0.521278	267.7357	65.50821	1.015668	100	1.4
1456.832	1095.832	323.71	16.53056	0.342134	1.161663	485.3147	0.285477	0.51369	277.1502	68.06492	1.057804	100	1.5
1456.984	1095.984	323.7151	16.56977	0.347218	1.099264	484.1935	0.290438	0.480631	315.9246	80.67312	1.250819	100	2
1457.137	1096.137	323.7202	16.51225	0.353377	1.046693	484.0723	0.296449	0.453908	344.5071	94.01075	1.462681	100	2.5
1457.289	1096.289	323.7253	16.39855	0.354338	1.066646	485.2088	0.297409	0.470967	319.6417	82.13909	1.286798	100	2
1457.442	1096.442	323.7305	16.41164	0.349226	1.106511	487.479	0.292467	0.511806	270.1033	66.13765	1.035311	100	1.4
1457.594	1096.594	323.7356	16.45308	0.343643	1.146917	489.8826	0.287073	0.531778	249.9858	61.04146	0.953157	100	1.2
1457.746	1096.746	323.7407	16.36357	0.343199	1.118094	491.5115	0.286669	0.561141	210.0228	52.27425	0.820708	100	0.8
1457.899	1096.899	323.7458	16.34282	0.345337	1.110769	492.1175	0.28877	0.564013	203.1592	50.91483	0.800385	100	0.7
1458.051	1097.051	323.7509	16.37273	0.347651	1.116483	491.8345	0.291043	0.547791	222.4099	54.8284	0.860353	100	0.9
1458.204	1097.204	323.7561	16.40153	0.346966	1.155107	491.1895	0.290404	0.520257	261.2871	63.83612	0.999965	100	1.3
1458.356	1097.356	323.7612	16.40579	0.345727	1.203802	490.735	0.289228	0.508554	279.0617	68.60248	1.074365	100	1.6
1458.508	1097.508	323.7663	16.387	0.343599	1.226691	491.1031	0.287189	0.486942	311.6995	79.07755	1.239841	100	2.1
1458.661	1097.661	323.7714	16.36517	0.342792	1.20911	492.4618	0.286432	0.483657	317.2784	81.19995	1.274825	100	2.2
1458.813	1097.813	323.7765	16.34331	0.344268	1.192301	494.227	0.287891	0.479498	321.0029	82.69179	1.299991	100	2.2
1458.966	1097.966	323.7817	16.25817	0.347135	1.195751	495.5033	0.290701	0.492124	299.7019	74.89388	1.183551	100	1.9
1459.118	1098.118	323.7868	16.23574	0.347418	1.233991	496.0555	0.291002	0.517122	264.7898	64.73688	1.02446	100	1.4
1459.27	1098.27	323.7919	16.14792	0.344094	1.263896	496.2012	0.287801	0.533319	246.8545	60.29504	0.959347	100	1.3
1459.423	1098.423	323.797	16.0143	0.340817	1.283758	496.2198	0.284648	0.517969	272.3892	66.75379	1.070953	100	1.6
1459.575	1098.575	323.8021	15.98966	0.34337	1.240675	496.2384	0.287152	0.493837	302.2359	75.73938	1.216995	100	2
1459.728	1098.728	323.8073	16.07601	0.348479	1.215117	496.2255	0.292138	0.495648	292.8546	72.6971	1.161876	100	1.8
1459.88	1098.88	323.8124	16.06751	0.350031	1.178485	496.028	0.293672	0.496055	290.1773	71.87004	1.149279	100	1.7
1460.032	1099.032	323.8175	16.12524	0.342564	1.225514	495.3418	0.286448	0.476209	327.5322	85.4743	1.361971	100	2.4
1460.185	1099.185	323.8226	16.14572	0.336394	1.228057	493.817	0.280493	0.469625	344.8376	94.20049	1.499141	100	2.9
1460.337	1099.337	323.8277	16.18399	0.340058	1.222595	491.4889	0.28407	0.451698	364.6404	107.9818	1.71444	100	3.5
1460.49	1099.49	323.8329	16.21111	0.352006	1.143401	488.8528	0.295697	0.466405	328.3002	85.81707	1.360278	100	2.3
1460.642	1099.642	323.838	16.17476	0.361179	1.072068	486.5024	0.304646	0.453022	334.418	88.68002	1.408822	100	2.3
1460.794	1099.794	323.8431	16.1382	0.358052	1.070874	484.8728	0.301629	0.466585	319.865	82.22915	1.309305	100	2
1460.947	1099.947	323.8482	16.10805	0.347156	1.117789	483.815	0.291063	0.449969	357.3761	102.297	1.631897	100	3.1
1461.099	1100.099	323.8533	16.06832	0.339846	1.165461	483.0523	0.283996	0.457074	357.3237	102.259	1.63533	100	3.2
1461.252	1100.252	323.8585	16.03169	0.338538	1.16875	482.1534	0.282755	0.45617	360.2836	104.4699	1.674514	100	3.4
1461.404	1100.404	323.8636	15.95702	0.340395	1.136805	480.8349	0.284582	0.453269	361.7659	105.6286	1.701006	100	3.4
1461.556	1100.556	323.8687	15.95363	0.338601	1.118767	479.5264	0.282868	0.459363	355.7201	101.1149	1.628687	100	3.2
1461.709	1100.709	323.8738	15.86042	0.33728	1.073697	478.8177	0.281615	0.463089	352.3082	98.7961	1.600684	100	3.1
1461.861	1100.861	323.8789	15.76667	0.338112	1.046593	479.1951	0.282448	0.492393	310.72	78.71759	1.282957	100	2.2
1462.014	1101.014	323.8841	15.76263	0.340837	1.046982	480.5953	0.285116	0.527353	258.7929	63.20509	1.030408	100	1.4
1462.166	1101.166	323.8892	15.77385	0.343059	1.072961	482.6019	0.287298	0.535735	244.2152	59.67463	0.972176	100	1.2
1462.318	1101.318	323.8943	15.7259	0.342213	1.106026	484.7197	0.286503	0.5089	282.3437	69.54132	1.13638	100	1.7
1462.471	1101.471	323.8994	15.68197	0.338377	1.149414	486.7072	0.28281	0.501583	297.5381	74.18629	1.215691	100	2
1462.623	1101.623	323.9045	15.68144	0.33639	1.182135	488.4851	0.28091	0.488056	318.8272	81.81256	1.340726	100	2.4
1462.776	1101.776	323.9097	15.67071	0.343055	1.157632	489.6598	0.2874	0.46877	336.486	89.70579	1.471104	100	2.7
1462.928	1101.928	323.9148	15.70184	0.352631	1.108531	490.1008	0.296726	0.487199	298.1846	74.39636	1.217644	100	1.9
1463.08	1102.08	323.9199	15.62527	0.356643	1.083939	489.8337	0.300654	0.509153	262.4659	64.13733	1.054885	100	1.3
1463.233	1102.233	323.925	15.5304	0.354674	1.10053	488.7757	0.298765	0.531548	234.1678	57.38223	0.949554	100	1.1
1463.385	1102.385	323.9301	15.5193	0.35632	1.101685	486.9716	0.300392	0.524107	242.191	59.2041	0.980416	100	1.1
1463.538	1102.538	323.9353	15.52644	0.363155	1.082724	485.0722	0.307071	0.538386	213.2688	52.93074	0.87614	100	0.8
1463.69	1102.69	323.9404	15.58853	0.36577	1.076469	483.7569	0.309645	0.532923	217.2559	53.74941	0.886163	100	0.8
1463.842	1102.842	323.9455	15.57391	0.359283	1.094132	483.1469	0.303354	0.52765	233.215	57.17029	0.94346	100	1
1463.995	1102.995	323.9506	15.55077	0.347049	1.149942	483.7467	0.291487	0.479441	316.1198	80.74857	1.334563	100	2.3
1464.147	1103.147	323.9557	15.513	0.337253	1.242514	485.4833	0.28201	0.472035	339.4176	91.21605	1.511252	100	2.9
1464.3	1103.3	323.9609	15.47155	0.332758	1.290317	487.9282	0.277682	0.463851	356.6852	101.7991	1.691129	100	3.6
1464.452	1103.452	323.966	15.37987	0.33154	1.30232	490.2746	0.276529	0.465144	356.492	101.6611	1.698924	100	3.6
1464.604	1103.604	323.9711	15.34164	0.33076	1.351526	491.9066	0.2758	0.463128	360.2792	104.4665	1.750183	100	3.8
1464.757	1103.757	323.9762	15.34698	0.33377	1.420848	492.7159	0.278741	0.488826	320.7588	82.59202	1.383246	100	2.7
1464.909	1103.909	323.9813	15.2681	0.338837	1.423179	492.7058	0.283677	0.523542	266.0371	65.06188	1.095299	100	1.8
1465.062	1104.062	323.9865	15.23807	0.344828	1.421754	492.315	0.289515	0.522595	259.2883	63.32976	1.068257	100	1.6

1465.214	1104.214	323.9916	15.28028	0.34615	1.436585	491.9937	0.290825	0.502405	285.3432	70.41773	1.184552	100	2
1465.366	1104.366	323.9967	15.16159	0.344363	1.469879	491.6027	0.289116	0.469712	332.8169	87.90686	1.490356	100	2.9
1465.519	1104.519	324.0018	15.17827	0.336915	1.511032	490.9259	0.281919	0.439691	384.1782	128.8565	2.182236	100	5
1465.671	1104.671	324.0069	15.10379	0.320443	1.727077	490.3443	0.266009	0.431566	417.3477	202.5338	3.446972	100	9.4
1465.824	1104.824	324.0121	15.02225	0.304451	1.947715	490.4837	0.250615	0.467305	389.2705	136.1938	2.330551	100	6.4
1465.976	1104.976	324.0172	14.99709	0.299873	2.01313	491.0674	0.246237	0.52658	313.5134	79.7538	1.367061	100	3.3
1466.128	1105.128	324.0223	15.0627	0.316898	1.675327	490.8257	0.262665	0.570856	229.7406	56.40504	0.962635	100	1.7
1466.281	1105.281	324.0274	15.16124	0.342722	1.392828	489.8568	0.287682	0.553101	219.7207	54.26245	0.920055	100	1.2
1466.433	1105.433	324.0325	15.09186	0.355151	1.305144	488.964	0.299782	0.543183	216.7086	53.63621	0.913635	100	1
1466.586	1105.586	324.0377	15.01924	0.344018	1.440342	489.3987	0.288992	0.520092	263.4652	64.39418	1.102214	100	1.7
1466.738	1105.738	324.0428	14.97485	0.329808	1.543159	491.1003	0.275247	0.496111	315.5261	80.51951	1.382339	100	2.8
1466.89	1105.89	324.0479	14.96311	0.324411	1.531765	493.1928	0.270053	0.503809	312.0695	79.21445	1.361022	100	2.8
1467.043	1106.043	324.053	14.94506	0.33301	1.473615	495.2342	0.278399	0.504708	299.3123	74.76553	1.286156	100	2.4
1467.195	1106.195	324.0582	14.90615	0.337991	1.561442	496.5105	0.283252	0.496424	304.0475	76.35562	1.316965	100	2.5
1467.348	1106.348	324.0633	14.82432	0.343422	1.570178	497.0627	0.288544	0.492187	302.5903	75.85914	1.315662	100	2.4
1467.5	1106.5	324.0684	14.83025	0.349529	1.466407	497.2083	0.294501	0.496248	288.7665	71.44091	1.238555	100	2.1
1467.652	1106.652	324.0735	14.82461	0.354997	1.3894	497.227	0.299842	0.496581	280.9365	69.13628	1.199075	100	1.9
1467.805	1106.805	324.0786	14.84234	0.357642	1.356676	497.2456	0.302441	0.488774	288.1237	71.24685	1.234217	100	1.9
1467.957	1106.957	324.0838	14.825	0.355319	1.440167	497.2641	0.300207	0.505373	268.2995	65.6573	1.138739	100	1.7
1468.11	1107.11	324.0889	14.79785	0.351002	1.485237	497.2829	0.296037	0.506072	273.0893	66.94418	1.163211	100	1.9
1468.262	1107.262	324.094	14.68855	0.344455	1.609538	497.3015	0.289705	0.506975	280.582	69.03484	1.20851	100	2.1
1468.414	1107.414	324.0991	14.71394	0.33971	1.688801	497.3582	0.285128	0.509867	282.9068	69.70446	1.218137	100	2.2
1468.567	1107.567	324.1043	14.6976	0.338345	1.720403	497.6435	0.283831	0.502124	295.382	73.49374	1.285808	100	2.4
1468.719	1107.719	324.1094	14.71283	0.345695	1.587941	498.4783	0.290987	0.478304	318.3792	81.63427	1.426768	100	2.7
1468.872	1107.872	324.1145	14.66541	0.355311	1.41305	499.9355	0.300357	0.470173	316.669	80.96182	1.419627	100	2.5
1469.024	1108.024	324.1196	14.54888	0.359732	1.376879	501.2117	0.304685	0.467889	313.8479	79.87992	1.411938	100	2.4
1469.176	1108.176	324.1247	14.53673	0.351358	1.491446	501.0144	0.296567	0.48998	294.5654	73.23461	1.295583	100	2.2
1469.329	1108.329	324.1299	14.60618	0.342152	1.64789	499.0482	0.287654	0.502604	289.4444	71.64654	1.261455	100	2.3
1469.481	1108.481	324.135	14.60838	0.337449	1.649482	496.7707	0.28312	0.489478	313.8153	79.86762	1.406009	100	2.8
1469.634	1108.634	324.1401	14.64795	0.343335	1.540343	495.7606	0.288855	0.477664	322.2046	83.18719	1.460497	100	2.8
1469.786	1108.786	324.1452	14.67976	0.349081	1.506563	496.1602	0.29446	0.470803	323.9375	83.91439	1.470081	100	2.8
1469.938	1108.938	324.1503	14.70693	0.35251	1.507164	496.9888	0.297818	0.47777	309.6888	78.34249	1.369944	100	2.4
1470.091	1109.091	324.1555	14.74347	0.353298	1.4835	497.7028	0.29861	0.491718	289.3469	71.61692	1.24924	100	2.1
1470.243	1109.243	324.1606	14.72982	0.360233	1.374694	498.6931	0.305383	0.507893	257.6795	62.92609	1.098679	100	1.5
1470.396	1109.396	324.1657	14.63074	0.362154	1.384766	500.3822	0.307279	0.488065	282.4257	69.56503	1.222866	100	1.9
1470.548	1109.548	324.1708	14.55327	0.353777	1.514206	502.4078	0.299155	0.460812	331.2462	87.1653	1.540467	100	2.9
1470.7	1109.7	324.1759	14.64122	0.340839	1.689635	503.6332	0.286616	0.454297	357.539	102.4154	1.799091	100	3.9
1470.853	1109.853	324.1811	14.6136	0.338174	1.663359	503.2135	0.284059	0.482258	322.4832	83.30308	1.466151	100	2.9
1471.005	1110.005	324.1862	14.61078	0.344482	1.572255	501.4569	0.290203	0.50614	281.046	69.16764	1.217618	100	2.1
1471.158	1110.158	324.1913	14.70747	0.346331	1.637825	499.4241	0.292025	0.518769	261.1039	63.78947	1.115547	100	1.8
1471.31	1110.31	324.1964	14.72663	0.343789	1.776527	497.693	0.289583	0.522559	259.2436	63.31849	1.105881	100	1.9
1471.462	1110.462	324.2015	14.73304	0.340842	1.80116	496.0222	0.286751	0.509995	280.4909	69.00881	1.204756	100	2.2
1471.615	1110.615	324.2067	14.63132	0.338429	1.709274	494.0654	0.284437	0.494819	304.6267	76.55478	1.345838	100	2.6
1471.767	1110.767	324.2118	14.66409	0.337096	1.625478	492.7408	0.283171	0.485844	318.7589	81.78531	1.434586	100	2.9
1471.92	1110.92	324.2169	14.70675	0.338263	1.606887	493.0547	0.284329	0.477644	328.4777	85.89678	1.502341	100	3
1472.072	1111.072	324.222	14.80875	0.344738	1.622124	495.1628	0.290635	0.479574	317.1112	81.13443	1.409262	100	2.7
1472.224	1111.224	324.2271	14.91062	0.357034	1.506412	498.3383	0.302611	0.489429	286.986	70.90562	1.223173	100	2
1472.377	1111.377	324.2323	15.00772	0.374118	1.280482	500.7862	0.319284	0.512106	232.6825	57.05222	0.977824	100	1.1
1472.529	1111.529	324.2374	15.1061	0.383634	1.137988	501.2619	0.328605	0.50925	223.7597	55.11493	0.938471	100	0.8
1472.682	1111.682	324.2425	15.18826	0.377904	1.138273	500.0359	0.323033	0.525591	208.899	52.04904	0.881479	100	0.7
1472.834	1111.834	324.2476	15.1935	0.361385	1.250168	498.422	0.30695	0.519544	239.4387	58.57149	0.991611	100	1.2
1472.986	1111.986	324.2527	15.19713	0.344767	1.413088	497.1006	0.290821	0.510316	274.4316	67.31152	1.139323	100	1.8
1473.139	1112.139	324.2579	15.19892	0.339947	1.500163	495.887	0.286171	0.49789	297.9958	74.3349	1.258071	100	2.3
1473.291	1112.291	324.263	15.2229	0.341502	1.592564	495.0068	0.287705	0.489472	307.4956	77.55727	1.310556	100	2.4
1473.444	1112.444	324.2681	15.25847	0.34793	1.586355	494.5746	0.293971	0.493115	293.8215	72.99998	1.230687	100	2.1
1473.596	1112.596	324.2732	15.26818	0.353955	1.494906	494.3169	0.299852	0.489787	290.2987	71.9072	1.21151	100	2
1473.748	1112.748	324.2783	15.30062	0.357704	1.398993	493.9196	0.303524	0.490981	283.583	69.90122	1.175231	100	1.8
1473.901	1112.901	324.2835	15.40521	0.357616	1.334917	493.2521	0.303465	0.489007	286.3889	70.72763	1.181066	100	1.8
1474.053	1113.053	324.2886	15.36796	0.354161	1.367163	492.8134	0.300131	0.500574	275.0279	67.47568	1.129509	100	1.7
1474.206	1113.206	324.2937	15.3594	0.348792	1.444112	493.2322	0.294939	0.50155	280.8459	69.11031	1.157534	100	1.9
1474.358	1113.358	324.2988	15.44745	0.345742	1.493598	494.5052	0.292003	0.512827	269.3343	65.93226	1.098025	100	1.7
1474.51	1113.51	324.3039	15.52257	0.34983	1.433141	495.7433	0.295999	0.520303	253.5039	61.89409	1.025802	100	1.5
1474.663	1113.663	324.3091	15.51943	0.374441	1.140953	496.2542	0.319992	0.531916	204.3677	51.15142	0.847941	100	0.7
1474.815	1113.815	324.3142	15.53983	0.401402	0.934247	496.5997	0.346394	0.538573	158.7461	42.96672	0.711338	100	0.1
1474.968	1113.968	324.3193	15.63428	0.400342	0.895486	497.4378	0.34538	0.526895	176.2604	45.9359	0.755915	100	0.2
1475.12	1114.12	324.3244	15.72185	0.37076	1.050451	498.1422	0.316479	0.492812	263.1787	64.3204	1.052575	100	1.2
1475.272	1114.272	324.3295	15.8251	0.344957	1.266148	497.5893	0.291398	0.48311	311.1788	78.88576	1.282541	100	2.2
1475.425	1114.425	324.3347	15.82761	0.340008	1.375758	495.9755	0.286623	0.495774	300.2924	75.08925	1.220641	100	2.1
1475.577	1114.577	324.3398	15.95796	0.345853	1.376042	494.5175	0.29232	0.506671	277.392	68.13256	1.098544	100	1.7
1475.73	1114.73	324.3449	16.03494	0.345605	1.417427	494.082	0.292105	0.505939	278.6991	68.50001	1.099198	100	1.7
1475.882	1114.882	324.35	16.1575	0.346854	1.400466	494.3164	0.293344	0.508421	273.5632	67.07352	1.068187	100	1.6
1476.034	1115.034	324.3551	16.12745	0.346709	1.336034	494.5891	0.293229	0.501255	283.6113	69.90947	1.115433	100	1.7
1476.187	1115.187	324.3603	16.19986	0.346038	1.284855	494.7919	0.292604	0.487	304.1466	76.38962	1.213416	100	2
1476.339	1115.339	324.3654	16.20426	0.346873	1.240465	494.7278	0.293441	0.482514	309.1821	78.15957	1.241212	100	2
1476.492	1115.492	324.3705	16.19618	0.349826	1.175511	494.2257	0.296336	0.489602	295.4058	73.50135	1.167834	100	1.8
1476.644	1115.644	324.3756	16.19342	0.353038	1.125693	493.8029	0.299483	0.50827	265.3016	64.86994	1.030882	100	1.3
1476.796	1115.796	324.3807	16.10372	0.354892	1.101877	494.5964	0.301312	0.522025	243.7955	59.5767	0.952031	100	1.1
1476.949	1115.949	324.3859	16.17498	0.354717	1.100834	497.0634	0.301168	0.531895	230.3732	56.54349	0.899607	100	0.9
1477.101	1116.101	324.391	16.22263	0.354495	1.122977	499.9146	0.300978	0.544533	213.1941	52.91554	0.839436	100	0.8
1477.254	1116.254	324.3961	16.25661	0.352641	1.143954	501.2131	0.299202	0.554227	202.2676	50.74103	0.803276	100	0.7

1477.406	1116.406	324.4012	16.23572	0.348469	1.215176	500.0471	0.295174	0.537569	230.8145	56.64031	0.897828	100	1
1477.558	1116.558	324.4063	16.24109	0.341718	1.294528	497.2807	0.288647	0.508573	279.8364	68.82226	1.090584	100	1.7
1477.711	1116.711	324.4115	16.21039	0.337091	1.377362	494.9143	0.284188	0.49367	306.5561	77.22598	1.226078	100	2.2
1477.863	1116.863	324.4166	16.15597	0.33712	1.426097	494.2628	0.284241	0.47382	333.8753	88.41592	1.408464	100	2.7
1478.016	1117.016	324.4217	16.14909	0.340296	1.417688	495.1896	0.287347	0.462857	344.7196	94.13264	1.500189	100	3
1478.168	1117.168	324.4268	16.22155	0.343156	1.392767	496.7737	0.290147	0.469676	331.4441	87.25783	1.384457	100	2.6
1478.32	1117.32	324.432	16.3306	0.343502	1.367975	498.2184	0.290509	0.503992	283.5893	69.90307	1.101743	100	1.7
1478.473	1117.473	324.4371	16.44248	0.340978	1.379623	499.5103	0.288087	0.505475	284.8853	70.28276	1.100243	100	1.8
1478.625	1117.625	324.4422	16.51344	0.338751	1.416375	501.0341	0.285953	0.517014	271.9055	66.62272	1.038504	100	1.6
1478.778	1117.778	324.4473	16.58316	0.337434	1.444651	502.5104	0.284703	0.503337	292.5049	72.58811	1.126778	100	1.9
1478.93	1117.93	324.4524	16.58906	0.339393	1.459951	503.1196	0.286627	0.498932	295.9279	73.66795	1.143151	100	1.9
1479.082	1118.082	324.4576	16.66203	0.338262	1.512515	502.6873	0.285557	0.499652	296.4117	73.82298	1.140587	100	2
1479.235	1118.235	324.4627	16.66107	0.335296	1.594767	501.372	0.282709	0.509986	286.0805	70.63599	1.091425	100	1.9
1479.387	1118.387	324.4678	16.7621	0.333298	1.616723	499.8916	0.2808	0.511993	285.9458	70.59604	1.084292	100	1.9
1479.54	1118.54	324.4729	16.8766	0.337095	1.507395	499.0529	0.284504	0.501169	295.7711	73.61784	1.123104	100	1.9
1479.692	1118.692	324.4781	16.79877	0.344836	1.337213	498.7381	0.292038	0.482331	311.3701	78.9561	1.2101	100	2
1479.844	1118.844	324.4832	16.72317	0.351214	1.224681	498.6677	0.298259	0.488278	294.5789	73.23889	1.127531	100	1.7
1479.997	1118.997	324.4883	16.73545	0.35366	1.202541	498.3845	0.300663	0.505382	267.6587	65.48789	1.007481	100	1.3
1480.149	1119.149	324.4934	16.73869	0.35252	1.209668	497.5233	0.29958	0.514082	257.1459	62.79295	0.965849	100	1.2
1480.302	1119.302	324.4985	16.62841	0.352936	1.186289	495.9542	0.300012	0.483496	298.7591	74.58398	1.154787	100	1.7
1480.454	1119.454	324.5037	16.588	0.353529	1.157882	494.2452	0.300614	0.473831	311.2666	78.91802	1.224866	100	1.9
1480.606	1119.606	324.5088	16.48581	0.353039	1.169324	493.3048	0.300164	0.48893	291.0511	72.13812	1.126553	100	1.6
1480.759	1119.759	324.5139	16.47553	0.349644	1.193355	493.3899	0.29689	0.525202	245.5133	59.97879	0.93726	100	1.1
1480.911	1119.911	324.519	16.37221	0.349315	1.191967	494.2151	0.296597	0.573985	178.5977	46.34774	0.728811	100	0.5
1481.064	1120.064	324.5242	16.34917	0.353745	1.141841	495.2501	0.300928	0.580025	164.2857	43.88403	0.691047	100	0.4
1481.216	1120.216	324.5293	16.25571	0.355479	1.150357	496.2816	0.30264	0.539533	217.8015	53.86252	0.853046	100	0.8
1481.368	1120.368	324.5344	16.23647	0.352784	1.210969	497.4467	0.300046	0.529243	235.5815	57.69838	0.914887	100	1.1
1481.521	1120.521	324.5395	16.18696	0.349179	1.28442	498.3194	0.296569	0.539371	226.4029	55.68093	0.8856	100	1
1481.673	1120.673	324.5446	16.30621	0.357821	1.23243	498.5444	0.304997	0.55467	193.6593	49.09492	0.775174	100	0.6
1481.826	1120.826	324.5498	16.25599	0.368125	1.132504	498.2518	0.315059	0.541929	197.3566	49.79492	0.788656	100	0.6
1481.978	1120.978	324.5549	16.28795	0.364428	1.179112	497.6257	0.311482	0.514196	240.5652	58.82943	0.929937	100	1
1482.13	1121.13	324.56	16.3219	0.347662	1.352124	497.1234	0.295199	0.47437	317.994	81.48164	1.285359	100	2.2
1482.283	1121.283	324.5651	16.27235	0.334818	1.54205	496.5768	0.282768	0.462844	351.0563	97.9821	1.550359	100	3.2
1482.435	1121.435	324.5702	16.31081	0.336575	1.503288	495.9569	0.284496	0.468052	341.4843	92.3231	1.457408	100	2.9
1482.588	1121.588	324.5754	16.24304	0.344424	1.427247	495.4071	0.292134	0.49316	296.2947	73.78543	1.169628	100	1.9
1482.74	1121.74	324.5805	16.18014	0.348687	1.407672	494.4857	0.296299	0.545095	218.8763	54.08608	0.860691	100	1
1482.892	1121.892	324.5856	16.05927	0.351607	1.37548	492.9864	0.299163	0.566535	185.3362	47.55655	0.762471	100	0.7
1483.045	1122.045	324.5907	15.97232	0.351376	1.33376	491.3344	0.298964	0.580073	166.9299	44.32891	0.714591	100	0.5
1483.197	1122.197	324.5958	15.93688	0.350792	1.322754	490.6956	0.298422	0.534158	231.039	56.68964	0.915888	100	1.1
1483.35	1122.35	324.601	15.89325	0.353178	1.303367	491.6859	0.300768	0.512553	257.618	62.91072	1.019195	100	1.4
1483.502	1122.502	324.6061	15.85181	0.357771	1.23728	493.8861	0.305261	0.505681	260.8998	63.73756	1.035298	100	1.4
1483.654	1122.654	324.6112	15.78453	0.360703	1.185027	495.7689	0.308141	0.541394	207.6428	51.79852	0.844962	100	0.8
1483.807	1122.807	324.6163	15.71576	0.36267	1.180639	495.9144	0.310083	0.605482	116.521	36.5828	0.599372	100	0.1
1483.959	1122.959	324.6214	15.67131	0.358922	1.233613	494.4564	0.306459	0.588009	145.6337	40.87221	0.671556	100	0.3
1484.112	1123.112	324.6266	15.62856	0.353378	1.283903	492.4235	0.301093	0.553337	200.887	50.47316	0.831584	100	0.8
1484.264	1123.264	324.6317	15.73668	0.35164	1.289401	490.5778	0.299429	0.518052	251.8768	61.49787	1.006285	100	1.3
1484.416	1123.416	324.6368	15.65446	0.357343	1.21645	489.7612	0.305001	0.554323	194.1337	49.18417	0.80903	100	0.7
1484.569	1123.569	324.6419	15.6033	0.362376	1.154934	490.9421	0.309926	0.585899	143.7622	40.58181	0.669726	100	0.3
1484.721	1123.721	324.647	15.64316	0.357708	1.180696	493.7425	0.305408	0.583605	153.1622	42.06179	0.692393	100	0.4
1484.874	1123.874	324.6522	15.55306	0.35507	1.190916	496.4	0.302868	0.551435	201.0608	50.50679	0.836234	100	0.8
1485.026	1124.026	324.6573	15.67189	0.357321	1.136378	497.33	0.305083	0.506938	259.4107	63.36061	1.041119	100	1.3
1485.178	1124.178	324.6624	15.70125	0.356342	1.142961	496.5071	0.304158	0.489989	284.0774	70.04568	1.148832	100	1.6
1485.331	1124.331	324.6675	15.64948	0.346881	1.260429	495.3696	0.294989	0.488991	298.1079	74.37137	1.223827	100	2
1485.483	1124.483	324.6726	15.66802	0.338288	1.384347	495.4167	0.286677	0.514483	274.3991	67.30257	1.106211	100	1.8
1485.636	1124.636	324.6778	15.68409	0.335367	1.41219	496.858	0.283872	0.501126	296.7029	73.91658	1.213695	100	2.2
1485.788	1124.788	324.6829	15.64213	0.340607	1.396847	498.3374	0.288978	0.48694	309.2333	78.17801	1.287125	100	2.3
1485.94	1124.94	324.688	15.65884	0.354518	1.293988	498.6545	0.302513	0.49996	272.587	66.80749	1.098763	100	1.6
1486.093	1125.093	324.6931	15.67354	0.369359	1.172	497.7838	0.316991	0.496274	257.6942	62.92975	1.034032	100	1.2
1486.245	1125.245	324.6982	15.68445	0.37006	1.177923	496.3828	0.3177	0.479006	280.5452	69.02431	1.133403	100	1.5
1486.398	1125.398	324.7034	15.68691	0.359397	1.300259	495.9949	0.307338	0.471677	304.9601	76.6699	1.258766	100	2
1486.55	1125.55	324.7085	15.77988	0.359278	1.324386	497.3567	0.307248	0.498544	268.0065	65.57976	1.070368	100	1.5
1486.702	1125.702	324.7136	15.87264	0.362808	1.271362	499.3728	0.310711	0.495749	267.0842	65.33651	1.060191	100	1.4
1486.855	1125.855	324.7187	15.87513	0.362653	1.209445	501.2333	0.310586	0.515265	240.326	58.77456	0.953577	100	1.1
1487.007	1126.007	324.7238	15.78874	0.356531	1.248296	502.7158	0.304654	0.523592	237.0209	58.02241	0.946529	100	1.1
1487.16	1126.16	324.729	15.84828	0.356817	1.258419	503.7378	0.304957	0.54018	213.7114	53.02094	0.861707	100	0.9
1487.312	1126.312	324.7341	15.94007	0.359939	1.275997	504.112	0.308021	0.52117	235.7163	57.72864	0.932839	100	1.1
1487.464	1126.464	324.7392	15.90663	0.357272	1.320694	503.4574	0.305453	0.522198	237.8426	58.20832	0.942576	100	1.1
1487.617	1126.617	324.7443	15.97147	0.35416	1.320026	502.2532	0.302451	0.524969	238.1597	58.28026	0.939932	100	1.2
1487.769	1126.769	324.7494	15.94526	0.353688	1.319556	501.0204	0.302018	0.545909	209.8603	52.24164	0.843936	100	0.9
1487.922	1126.922	324.7546	15.94812	0.357455	1.290454	500.1627	0.305708	0.560485	184.6528	47.43249	0.76612	100	0.6
1488.074	1127.074	324.7597	15.96842	0.360771	1.272091	499.8223	0.308962	0.534938	215.418	53.37033	0.860946	100	0.9
1488.226	1127.226	324.7648	16.01118	0.360652	1.285074	499.7361	0.308871	0.526118	227.715	55.96432	0.900398	100	1
1488.379	1127.379	324.7699	16.05685	0.356172	1.323077	499.7927	0.304537	0.50692	260.1889	63.55723	1.019673	100	1.4
1488.531	1127.531	324.775	16.09762	0.352907	1.357797	500.0081	0.301389	0.518023	249.2117	60.85587	0.973882	100	1.3
1488.684	1127.684	324.7802	16.10014	0.354813	1.314022	500.4301	0.303269	0.529048	231.4031	56.76972	0.908362	100	1.1
1488.836	1127.836	324.7853	16.16748	0.360407	1.232545	500.8963	0.308736	0.548052	197.6316	49.84741	0.794299	100	0.7
1488.988	1127.988	324.7904	16.14094	0.364601	1.15354	500.9275	0.312848	0.576807	152.2769	41.92011	0.669085	100	0.3
1489.141	1128.141	324.7955	16.23861	0.365294	1.110483	500.5047	0.313549	0.570383	160.1738	43.20126	0.68541	100	0.3
1489.293	1128.293	324.8006	16.3377	0.36072	1.148739	500.1293	0.30912	0.545893	200.083	50.31785	0.793507	100	0.6
1489.446	1128.446	324.8058	16.31981	0.354223	1.218437	500.0464	0.302824	0.490726	284.9009	70.28735	1.109649	100	1.6

1489.598	1128.598	324.8109	16.2023	0.348525	1.253635	500.3825		0.297313	0.48133	305.4731	76.84772	1.222001	100	2
1489.75	1128.75	324.816	16.29591	0.348947	1.223687	501.2775		0.297748	0.501148	277.5242	68.16958	1.077817	100	1.6
1489.903	1128.903	324.8211	16.25817	0.353245	1.211064	502.6806		0.301952	0.511409	257.5621	62.89676	0.996762	100	1.3
1490.055	1129.055	324.8262	16.16827	0.357365	1.236784	504.1091		0.305984	0.50418	261.9735	64.01128	1.020059	100	1.3
1490.208	1129.208	324.8314	16.1708	0.358698	1.307834	504.4547		0.307307	0.494276	273.8163	67.14275	1.069809	100	1.5
1490.36	1129.36	324.8365	16.08244	0.35766	1.355287	502.9361		0.306323	0.48126	293.1353	72.78479	1.166073	100	1.8
1490.512	1129.512	324.8416	16.08496	0.356284	1.390195	499.9951		0.305011	0.462284	321.1343	82.74561	1.325464	100	2.3
1490.665	1129.665	324.8467	16.08747	0.352731	1.439683	497.0857		0.301581	0.490068	287.5238	71.06657	1.138222	100	1.8
1490.817	1129.817	324.8519	16.08999	0.350602	1.483873	495.8434		0.299538	0.532264	232.1127	56.92621	0.911616	100	1.2
1490.97	1129.97	324.857	16.0925	0.353783	1.452656	496.5543		0.302656	0.547711	206.494	51.57054	0.825734	100	0.9
1491.122	1130.122	324.8621	16.09502	0.361735	1.348028	498.2082		0.310419	0.536888	210.7155	52.41362	0.839113	100	0.8
1491.274	1130.274	324.8672	16.09753	0.365411	1.295286	499.7511		0.314026	0.528145	217.8042	53.86307	0.862196	100	0.9
1491.427	1130.427	324.8723	16.10005	0.362394	1.328136	501.116		0.311113	0.497388	264.2683	64.60166	1.033944	100	1.4
1491.579	1130.579	324.8775	16.10256	0.365638	1.318622	502.7573		0.314299	0.505502	248.675	60.72761	0.971803	100	1.2
1491.732	1130.732	324.8826	16.10508	0.380618	1.191192	504.3511		0.328941	0.53545	187.1403	47.88569	0.766189	100	0.5
1491.884	1130.884	324.8877	16.01521	0.387774	1.116861	504.9507		0.335964	0.539793	171.4562	45.10115	0.725683	100	0.3
1492.036	1131.036	324.8928	15.9266	0.376143	1.213079	504.1721		0.324623	0.496029	247.5004	60.44806	0.97803	100	1.1
1492.189	1131.189	324.898	16.01649	0.352791	1.470967	502.5869		0.301899	0.461878	325.9884	84.79559	1.364302	100	2.4
1492.341	1131.341	324.9031	15.96896	0.339571	1.660053	500.919		0.28909	0.467457	335.9662	89.44502	1.443401	100	2.9
1492.494	1131.494	324.9082	15.89626	0.338296	1.663301	499.3562		0.28788	0.478241	322.7541	83.41613	1.352273	100	2.6
1492.646	1131.646	324.9133	15.76482	0.345499	1.625295	497.8186		0.294893	0.502506	279.5899	68.75222	1.123847	100	1.9
1492.798	1131.798	324.9184	15.77281	0.353906	1.608146	496.9608		0.303086	0.50858	259.9002	63.48419	1.037224	100	1.5
1492.951	1131.951	324.9236	15.68462	0.35624	1.625343	497.6936		0.305383	0.540079	213.2629	52.92953	0.869648	100	1.1
1493.103	1132.103	324.9287	15.61152	0.355479	1.578134	499.5636		0.304668	0.541365	212.4742	52.76922	0.871083	100	1
1493.256	1132.256	324.9338	15.72397	0.356276	1.493388	500.8969		0.305469	0.5526	195.8641	49.5111	0.811471	100	0.8
1493.408	1132.408	324.9389	15.81425	0.364563	1.387342	500.4836		0.313563	0.54875	190.0088	48.4139	0.788975	100	0.7
1493.56	1132.56	324.944	15.90554	0.369722	1.365988	499.0097		0.318617	0.562149	164.5431	43.92713	0.711765	100	0.4
1493.713	1132.713	324.9492	15.99801	0.365591	1.419759	498.5804		0.314615	0.537952	203.4577	50.97316	0.821182	100	0.8
1493.865	1132.865	324.9543	16.09181	0.356111	1.52435	500.7073		0.305412	0.529474	227.857	55.99509	0.896854	100	1.1
1494.018	1133.018	324.9594	16.09432	0.352296	1.555696	504.3463		0.301729	0.539148	219.5906	54.23523	0.868544	100	1.1
1494.17	1133.17	324.9645	16.12448	0.35838	1.461986	506.81		0.307672	0.559206	183.7096	47.2618	0.755467	100	0.7
1494.322	1133.322	324.9696	16.24851	0.364669	1.343755	506.5776		0.313821	0.544982	194.8521	49.31963	0.782375	100	0.7
1494.475	1133.475	324.9748	16.15582	0.361497	1.340859	504.351		0.310757	0.531676	217.4422	53.788	0.858148	100	0.9
1494.627	1133.627	324.9799	16.06285	0.349575	1.463221	502.0766		0.299188	0.51993	249.6172	60.953	0.978086	100	1.4
1494.78	1133.78	324.985	16.08548	0.343036	1.583563	500.6375		0.292865	0.53596	236.2208	57.84204	0.926876	100	1.3
1494.932	1133.932	324.9901	16.11457	0.341555	1.616362	499.6398		0.291454	0.523071	255.9562	62.49746	0.999687	100	1.6
1495.084	1134.084	324.9952	16.06425	0.346164	1.551798	498.6645		0.295953	0.502152	278.6157	68.47645	1.098762	100	1.8
1495.237	1134.237	325.0004	16.10656	0.346445	1.532784	497.9779		0.296252	0.466108	327.944	85.65767	1.370867	100	2.5
1495.389	1134.389	325.0055	16.10906	0.347917	1.516047	497.7835		0.297707	0.481596	304.5614	76.53228	1.224652	100	2.1
1495.542	1134.542	325.0106	16.11157	0.348865	1.489151	497.6529		0.298653	0.49044	291.0519	72.13838	1.154178	100	1.9
1495.694	1134.694	325.0157	16.11408	0.349141	1.512286	497.3854		0.298948	0.503847	272.1426	66.68692	1.066807	100	1.6
1495.846	1134.846	325.0208	16.11658	0.349209	1.527011	497.3723		0.29904	0.515461	255.9892	62.50563	0.999777	100	1.5
1495.999	1134.999	325.026	16.11909	0.350563	1.523295	497.9369		0.300381	0.526928	238.3133	58.31515	0.932618	100	1.2
1496.151	1135.151	325.0311	16.1216	0.353198	1.507159	498.67		0.302968	0.533427	225.7752	55.54592	0.888205	100	1.1
1496.304	1135.304	325.0362	16.1241	0.356711	1.457774	498.5996		0.30641	0.50921	254.4448	62.12469	0.993263	100	1.3
1496.456	1135.456	325.0413	16.11239	0.361244	1.373242	497.4146		0.310848	0.510923	245.9559	60.08291	0.961328	100	1.2
1496.608	1135.608	325.0464	16.09872	0.365535	1.286604	496.3343		0.315053	0.535219	206.6249	51.59647	0.826255	100	0.8
1496.761	1135.761	325.0516	16.08699	0.365687	1.280167	496.4829		0.315227	0.544184	194.0131	49.16147	0.787845	100	0.6
1496.913	1135.913	325.0567	16.08949	0.362981	1.326138	497.7272		0.312616	0.513837	239.4944	58.58422	0.938719	100	1.1
1497.066	1136.066	325.0618	16.09199	0.361435	1.357601	499.0225		0.311137	0.509494	247.5284	60.45471	0.968554	100	1.2
1497.218	1136.218	325.0669	16.09449	0.359861	1.381508	499.3839		0.309631	0.501609	260.4898	63.63347	1.019337	100	1.4
1497.37	1136.37	325.072	16.12087	0.357452	1.410272	498.7546		0.307312	0.501826	263.3898	64.37477	1.029544	100	1.4
1497.523	1136.523	325.0772	16.04781	0.356238	1.457193	497.9315		0.306156	0.454338	330.5184	86.82716	1.394948	100	2.5
1497.675	1136.675	325.0823	16.1674	0.364553	1.368689	497.3752		0.314277	0.448932	326.7713	85.13807	1.357741	100	2.3
1497.828	1136.828	325.0874	16.25211	0.374448	1.268405	496.8951		0.323952	0.451159	310.3472	78.58155	1.246689	100	1.8
1497.98	1136.98	325.0925	16.35422	0.377799	1.205088	496.4245		0.327249	0.472087	276.9162	67.99955	1.072112	100	1.3
1498.132	1137.132	325.0976	16.44204	0.369256	1.258125	496.2717	1397.701	0.318939	0.47998	277.4925	68.16069	1.068952	100	1.4
1498.285	1137.285	325.1028	16.44195	0.35923	1.318037	496.8649	1396.538	0.309197	0.493008	272.9575	66.90828	1.049331	100	1.4
1498.437	1137.437	325.1079	16.41944	0.35546	1.40874	497.7789	1392.574	0.305555	0.519999	240.7359	58.86864	0.924517	100	1.1
1498.59	1137.59	325.113	16.29896	0.355409	1.433834	498.5024	1386.944	0.305532	0.528453	229.1011	56.26548	0.890152	100	1.1
1498.742	1137.742	325.1181	16.30596	0.355969	1.422852	498.3684	1373.39	0.306102	0.550706	197.6048	49.8423	0.788207	100	0.8
1498.894	1137.894	325.1232	16.31821	0.353791	1.369492	497.012	1365.143	0.30401	0.541117	213.7253	53.02378	0.837904	100	0.9
1499.047	1138.047	325.1284	16.22893	0.350112	1.302482	494.2676	1349.273	0.30046	0.534458	227.8134	55.98564	0.88957	100	1
1499.199	1138.199	325.1335	16.13935	0.34782	1.326082	489.9481	1333.178	0.298259	0.516548	255.5669	62.40117	0.997007	100	1.4
1499.352	1138.352	325.1386	16.14185	0.350044	1.359861	484.8952	1331.641	0.300445	0.531546	231.8531	56.86891	0.908488	100	1.1
1499.504	1138.504	325.1437	16.05205	0.35087	1.455901	481.1726	1321.114	0.301274	0.555012	198.3253	49.98007	0.802903	100	0.8
1499.656	1138.656	325.1488	15.96318	0.347899	1.523098	481.1721	1305.015	0.298413	0.543778	217.7761	53.85725	0.870006	100	1.1
1499.809	1138.809	325.154	15.96565	0.348891	1.480285	485.2458	1292.924	0.299403	0.555984	199.5659	50.21823	0.811108	100	0.9
1499.961	1138.961	325.1591	15.96812	0.361583	1.235451	491.0789	1177	0.311772	0.585283	142.0651	40.32027	0.651148	100	0.3
1500.114	1139.114	325.1642	15.9706	0.384094	1.001088	495.5943		0.333762	0.603946	85.9631	32.56586	0.525845	83.4	0
1500.266	1139.266	325.1693	15.97307	0.393066	0.891341	497.3529		0.342566	0.59409	87.41527	32.74634	0.528685	79.4	0
1500.418	1139.418	325.1744	15.9413	0.386178	0.900439	497.5368		0.335851	0.558072	146.3861	40.98955	0.663095	100	0
1500.571	1139.571	325.1796	16.03517	0.363491	1.000973	498.0378		0.313734	0.523898	224.0681	55.18064	0.887465	100	0.8
1500.723	1139.723	325.1847	16.00988	0.339963	1.14433	497.9958		0.290892	0.491096	300.8563	75.27674	1.212594	100	2
1500.876	1139.876	325.1898	16.01236	0.329886	1.234781	493.5495		0.281157	0.493423	311.0804	78.84963	1.269969	100	2.3
1501.028	1140.028	325.1949	16.01483	0.33746	1.240508	480.9289		0.288517	0.503122	287.5389	71.07108	1.144526	100	1.9
1501.18	1140.18	325.2	16.10619	0.346266	1.260107	461.4362		0.297086	0.470807	320.3078	82.40845	1.319612	100	2.3
1501.333	1140.333	325.2052	16.19782	0.343303	1.332771	443.5564		0.294236	0.395392	428.3138	237.9765	3.789293	100	9.6
1501.485	1140.485	325.2103	16.28956	0.327169	1.333727	435.2006	1063.197	0.278631	0.350643	511.6022	441.8378	6.995981	100	20
1501.638	1140.638	325.2154	16.29207	0.310638	1.123647	436.0417	1056.822	0.262694	0.347417	538.0461	491.9718	7.788706	100	23.6

1501.79	1140.79	325.2205	16.30897	0.307254	0.857916	439.4168	1029.515	0.25946	0.381501	495.4735	408.3283	6.45791	100	19.4
1501.942	1140.942	325.2257	16.32788	0.312602	0.759452	439.8768	992.7924	0.26464	0.419961	435.251	258.2988	4.080465	100	11.3
1502.095	1141.095	325.2308	16.34485	0.324249	0.758768	437.4246	960.5488	0.275911	0.429976	405.8765	168.7451	2.663024	100	6.5
1502.247	1141.247	325.2359	16.34738	0.326908	0.824407	435.9029	952.3113	0.278507	0.426013	407.763	173.5304	2.738158	100	6.7
1502.4	1141.4	325.241	16.3499	0.322525	0.837604	439.297	976.9573	0.274295	0.409805	435.942	260.2839	4.106479	100	11.1
1502.552	1141.552	325.2461	16.41019	0.319032	0.821641	448.8426	1032.188	0.270947	0.407391	443.8937	282.6358	4.44287	100	12.2
1502.704	1141.704	325.2513	16.44516	0.319984	0.799635	462.1766	1099.905	0.271893	0.404851	446.0934	288.663	4.52807	100	12.5
1502.857	1141.857	325.2564	16.39889	0.324367	0.824294	475.4121	1133.121	0.276153	0.411458	431.0963	246.2143	3.873108	100	10.3
1503.009	1142.009	325.2615	16.33363	0.327445	0.937483	485.6434	1107.668	0.279156	0.426601	406.0566	169.1904	2.6721	100	6.5
1503.162	1142.162	325.2666	16.27162	0.330092	1.096478	491.6704		0.281742	0.44796	373.011	115.7524	1.835096	100	4
1503.314	1142.314	325.2718	16.22105	0.334427	1.272215	494.3246		0.285966	0.487645	312.4168	79.34346	1.261807	100	2.3
1503.466	1142.466	325.2769	16.1702	0.341744	1.345914	495.0768		0.293084	0.499215	286.6278	70.79874	1.129465	100	1.8
1503.619	1142.619	325.282	16.20526	0.347956	1.348643	495.092		0.299139	0.496838	281.5522	69.31301	1.103393	100	1.7
1503.771	1142.771	325.2871	16.33781	0.349399	1.325312	495.0215		0.300566	0.50978	261.7225	63.94715	1.009758	100	1.4
1503.924	1142.924	325.2922	16.37075	0.348212	1.358925	495.5609		0.299439	0.522458	245.7824	60.04207	0.946208	100	1.2
1504.076	1143.076	325.2974	16.27314	0.346281	1.379759	497.6371		0.29759	0.536111	229.4926	56.35087	0.893357	100	1.1
1504.228	1143.228	325.3025	16.13641	0.34691	1.398536	501.2093		0.298226	0.560644	194.759	49.30205	0.788221	100	0.8
1504.381	1143.381	325.3076	16.13675	0.350398	1.398691	504.6414		0.30164	0.572646	173.4853	45.45181	0.72666	100	0.6
1504.533	1143.533	325.3127	16.13924	0.353795	1.395658	506.0318		0.304967	0.543936	208.5134	51.97201	0.830785	100	0.9
1504.686	1143.686	325.3178	16.11325	0.354232	1.414023	504.6054		0.305419	0.519159	242.0831	59.17914	0.947528	100	1.2
1504.838	1143.838	325.323	16.08686	0.350957	1.453126	501.321		0.302261	0.491039	285.247	70.38934	1.128876	100	1.8
1504.99	1143.99	325.3281	16.08934	0.348544	1.477865	498.0656		0.299942	0.475909	309.3253	78.21118	1.254144	100	2.2
1505.143	1144.143	325.3332	16.14393	0.346821	1.494275	495.9499		0.298294	0.48614	297.4808	74.16773	1.185312	100	2
1505.295	1144.295	325.3383	16.14642	0.344741	1.497776	494.7331		0.296301	0.497693	284.2886	70.10751	1.120266	100	1.8
1505.448	1144.448	325.3435	16.14891	0.341785	1.493754	493.9099		0.293458	0.495464	291.2882	72.21116	1.15372	100	2
1505.6	1144.6	325.3486	16.20345	0.341464	1.48218	493.6967		0.293173	0.488846	300.8132	75.26239	1.198451	100	2.1
1505.752	1144.752	325.3537	16.2395	0.341191	1.474499	494.2582		0.292934	0.501433	283.7745	69.95712	1.111522	100	1.8
1505.905	1144.905	325.3588	16.14515	0.343155	1.432801	495.1469	1391.644	0.294865	0.525278	248.2031	60.6151	0.968714	100	1.4
1506.057	1145.057	325.3639	16.16808	0.345993	1.371373	495.5018	1389.269	0.297644	0.535053	230.878	56.65425	0.904147	100	1.1
1506.21	1145.21	325.3691	16.17057	0.350206	1.308406	494.0468	1378.007	0.301762	0.515468	252.2223	61.58174	0.982647	100	1.3
1506.362	1145.362	325.3742	16.13877	0.34871	1.324462	489.7909	1358.158	0.300334	0.527217	237.9793	58.23933	0.931152	100	1.2
1506.514	1145.514	325.3793	16.05218	0.346957	1.334341	483.4517	1332.642	0.298658	0.525428	242.7617	59.33632	0.953809	100	1.3
1506.667	1145.667	325.3844	15.9663	0.343404	1.330315	477.322	1317.841	0.295235	0.530601	240.3462	58.77918	0.949938	100	1.3
1506.819	1145.819	325.3895	15.84842	0.338208	1.277935	473.0914	1309.402	0.290221	0.504378	283.4543	69.86373	1.137478	100	1.8
1506.972	1145.972	325.3947	15.81511	0.328212	1.251783	471.0583	1292.885	0.280566	0.484709	323.9202	83.90707	1.369016	100	2.6
1507.124	1146.124	325.3998	15.90344	0.319668	1.222638	470.5751	1277.707	0.272333	0.47452	349.3422	96.8976	1.57222	100	3.4
1507.276	1146.276	325.4049	15.90588	0.317327	1.177093	471.0826	1269.919	0.270099	0.477317	348.5658	96.41735	1.564209	100	3.4
1507.429	1146.429	325.41	15.89907	0.316873	1.142538	472.4348	1267.516	0.269687	0.471472	357.201	102.1702	1.658271	100	3.7
1507.581	1146.581	325.4151	15.90151	0.314863	1.130605	474.2569	1269.122	0.267773	0.472759	358.0654	102.8006	1.668272	100	3.7
1507.734	1146.734	325.4203	15.90395	0.313382	1.124773	475.3997	1274.289	0.26637	0.455126	384.335	129.068	2.094254	100	5.1
1507.886	1146.886	325.4254	15.85041	0.31321	1.127127	475.0402	1273.79	0.26623	0.463557	372.8939	115.6332	1.882615	100	4.4
1508.038	1147.038	325.4305	15.79814	0.313978	1.120721	473.4836	1273.273	0.266997	0.461957	374.0431	116.8187	1.908229	100	4.5
1508.191	1147.191	325.4356	15.81721	0.312968	1.105299	471.765	1271.323	0.266048	0.460036	378.0038	121.1656	1.976879	100	4.7
1508.343	1147.343	325.4407	15.80388	0.310428	1.116718	471.1324	1271.992	0.263625	0.460827	380.2569	123.834	2.022146	100	4.9
1508.496	1147.496	325.4459	15.76299	0.307207	1.178488	471.4526	1276.117	0.260547	0.451194	397.7974	150.9966	2.472123	100	6.5
1508.648	1147.648	325.451	15.76541	0.303767	1.223442	472.3443	1280.538	0.257261	0.460032	390.1357	137.5424	2.251537	100	5.9
1508.8	1147.8	325.4561	15.82562	0.304627	1.193923	473.6203	1277.472	0.258115	0.475907	367.0509	110.0713	1.795017	100	4.3
1508.953	1147.953	325.4612	15.89025	0.311449	1.095519	474.1214	1280.156	0.264712	0.49761	327.9962	85.68097	1.391608	100	2.9
1509.105	1148.105	325.4663	15.77972	0.31673	1.047344	473.8255	1278.577	0.269831	0.531916	273.589	67.08058	1.097144	100	1.8
1509.258	1148.258	325.4715	15.75599	0.316677	1.038301	473.2279	1272.48	0.269807	0.544827	255.806	62.4603	1.023128	100	1.6
1509.41	1148.41	325.4766	15.8085	0.312214	1.072168	471.8553	1265.207	0.265526	0.535999	273.8947	67.16422	1.096544	100	1.9
1509.562	1148.562	325.4817	15.81604	0.309267	1.112059	469.092	1253.726	0.262712	0.52719	289.9354	71.79614	1.171625	100	2.2
1509.715	1148.715	325.4868	15.91838	0.307774	1.147116	465.1821	1253.196	0.261299	0.523985	296.3084	73.78981	1.196444	100	2.3
1509.867	1148.867	325.4919	16.00523	0.305356	1.172926	461.882	1246.484	0.258996	0.502008	329.815	86.50357	1.395009	100	3
1510.02	1149.02	325.4971	16.12842	0.301793	1.176711	460.8144	1227.544	0.255593	0.462542	388.9747	135.7398	2.17237	100	5.7
1510.172	1149.172	325.5022	16.18044	0.295386	1.199933	461.3885	1210.381	0.249459	0.419677	456.5929	316.5409	5.049727	100	15.6
1510.324	1149.324	325.5073	16.27035	0.288736	1.237793	462.4772	1194.538	0.243102	0.438026	440.0439	271.9261	4.314156	100	13.4
1510.477	1149.477	325.5124	16.17621	0.286763	1.29309	464.6075		0.241235	0.454628	419.7103	211.0934	3.368511	100	10.3
1510.629	1149.629	325.5175	16.26115	0.289384	1.340042	467.7603		0.243774	0.47505	388.0221	134.3021	2.131987	100	5.9
1510.782	1149.782	325.5227	16.34696	0.292815	1.33969	471.3863		0.247093	0.468152	392.9622	142.1767	2.245217	100	6.2
1510.934	1149.934	325.5278	16.34461	0.295093	1.353011	475.3392		0.249306	0.484847	366.8686	109.9094	1.735932	100	4.4
1511.086	1150.086	325.5329	16.39811	0.301671	1.317402	479.4736		0.255655	0.495001	344.0947	93.77551	1.476317	100	3.4
1511.239	1150.239	325.538	16.47193	0.312828	1.233255	484.1316		0.266427	0.506538	313.3094	79.67711	1.248784	100	2.5
1511.391	1150.391	325.5431	16.55343	0.325306	1.174928	488.8308		0.278501	0.5525	233.2181	57.17096	0.891665	100	1.2
1511.544	1150.544	325.5483	16.62435	0.333546	1.182633	492.7111		0.286501	0.58863	172.32	45.25009	0.702755	100	0.6
1511.696	1150.696	325.5534	16.7458	0.335763	1.196941	495.2064		0.288673	0.577812	184.2504	47.35959	0.730221	100	0.6
1511.848	1150.848	325.5585	16.84504	0.333118	1.233964	496.4126		0.286137	0.525694	259.6732	63.42684	0.972243	100	1.4
1512.001	1151.001	325.5636	16.94483	0.328967	1.344333	497.0089		0.282145	0.48461	321.8784	83.052	1.265639	100	2.4
1512.153	1151.153	325.5687	17.04039	0.327842	1.503318	496.9701		0.281082	0.464398	351.2368	98.0983	1.486627	100	3.1
1512.306	1151.306	325.5739	17.13872	0.330711	1.535592	496.0804		0.283883	0.475469	332.0941	87.56355	1.319442	100	2.6
1512.458	1151.458	325.579	17.05683	0.333687	1.489252	494.6443		0.28679	0.494688	301.5601	75.51206	1.143281	100	2
1512.61	1151.61	325.5841	17.06737	0.335928	1.490519	493.4784		0.288987	0.499369	292.068	72.45235	1.096299	100	1.9
1512.763	1151.763	325.5892	17.02879	0.336156	1.498427	492.7631		0.289234	0.510809	275.9412	67.72828	1.027136	100	1.7
1512.915	1151.915	325.5943	16.97988	0.340316	1.462714	492.2766		0.293292	0.519207	258.7518	63.19475	0.961136	100	1.4
1513.068	1152.068	325.5995	16.92981	0.34656	1.429044	492.5237		0.299377	0.515695	255.2006	62.31075	0.950488	100	1.3
1513.22	1152.22	325.6046	17.03009	0.353553	1.396508	495.0128		0.306196	0.508931	255.125	62.2921	0.94466	100	1.2
1513.372	1152.372	325.6097	17.13128	0.355014	1.406052	500.7919		0.307643	0.518084	240.4962	58.81359	0.886692	100	1.1
1513.525	1152.525	325.6148	17.20926	0.353679	1.392543	507.9746		0.30637	0.53046	225.1743	55.41704	0.83174	100	0.9
1513.677	1152.677	325.6199	17.20277	0.356936	1.32606	513.2488		0.309564	0.532424	218.0573	53.91562	0.80952	100	0.8
1513.83	1152.83	325.6251	17.22217	0.365398	1.202337	514.4866		0.317828	0.555776	174.4263	45.61537	0.684139	100	0.4

1513.982	1152.982	325.6302	17.19439	0.374688	1.136817	511.9677		0.326914	0.562903	152.0532	41.88438	0.629197	100	0.1
1514.134	1153.134	325.6353	17.10637	0.367169	1.264427	508.1628		0.319605	0.537855	196.7051	49.67082	0.749986	100	0.5
1514.287	1153.287	325.6404	17.0974	0.349316	1.513804	505.1261		0.302258	0.504762	266.3131	65.13411	0.983993	100	1.4
1514.439	1153.439	325.6456	17.18436	0.337345	1.735789	503.5471		0.290668	0.473031	326.0955	84.84223	1.275309	100	2.5
1514.592	1153.592	325.6507	17.27354	0.337168	1.780535	503.0385		0.290522	0.454123	352.3902	98.85007	1.478281	100	3.1
1514.744	1153.744	325.6558	17.32565	0.343186	1.755755	502.9521		0.296383	0.441824	361.2737	105.2398	1.569167	100	3.3
1514.896	1153.896	325.6609	17.46391	0.341557	1.765754	502.9706		0.294829	0.488855	298.5166	74.50469	1.102195	100	1.9
1515.049	1154.049	325.666	17.30035	0.339398	1.7813	503.0271		0.29276	0.505999	277.7126	68.22239	1.018725	100	1.7
1515.201	1154.201	325.6712	17.15401	0.339212	1.769817	503.2677		0.292605	0.506582	277.1222	68.0571	1.024868	100	1.7
1515.354	1154.354	325.6763	17.01752	0.341449	1.710203	503.7562		0.294801	0.516231	260.7752	63.7059	0.966993	100	1.5
1515.506	1154.506	325.6814	16.94717	0.340895	1.705845	504.1906		0.294289	0.537836	231.6676	56.828	0.866161	100	1.2
1515.658	1154.658	325.6865	16.87001	0.339539	1.686538	503.7264		0.293	0.516226	263.2689	64.34363	0.985182	100	1.6
1515.811	1154.811	325.6916	16.97599	0.337458	1.765952	501.7822		0.291008	0.470309	329.3825	86.30614	1.313278	100	2.6
1515.963	1154.963	325.6968	16.86933	0.339621	1.75631	499.2631		0.293131	0.471122	325.3318	84.51098	1.294056	100	2.5
1516.116	1155.116	325.7019	16.75969	0.33874	1.788544	497.3763		0.292302	0.489655	300.8992	75.29105	1.160391	100	2.1
1516.268	1155.268	325.707	16.68478	0.336936	1.73658	497.3375		0.290578	0.477194	320.4741	82.47603	1.276819	100	2.5
1516.42	1155.42	325.7121	16.60709	0.332655	1.728451	499.0551		0.286457	0.465044	342.9288	93.11905	1.448313	100	3
1516.573	1155.573	325.7173	16.51277	0.332675	1.651457	501.039		0.286502	0.483838	316.9311	81.06402	1.268003	100	2.5
1516.725	1155.725	325.7224	16.38599	0.335142	1.613743	502.0641		0.288917	0.482108	315.9852	80.69652	1.271999	100	2.4
1516.878	1155.878	325.7275	16.36882	0.338746	1.535709	501.6507		0.292435	0.495294	292.9337	72.72178	1.147509	100	2
1517.03	1156.03	325.7326	16.33594	0.340492	1.547411	500.4179		0.294154	0.500202	283.7887	69.96127	1.106179	100	1.9
1517.182	1156.182	325.7377	16.24466	0.339125	1.578532	499.6774		0.292854	0.481991	310.7133	78.71517	1.251577	100	2.3
1517.335	1156.335	325.7429	16.15392	0.336751	1.696579	500.2325		0.290579	0.45459	351.6673	98.37705	1.572987	100	3.3
1517.487	1156.487	325.748	16.10156	0.334707	1.732349	501.5497		0.288623	0.445629	366.7322	109.7887	1.761171	100	3.9
1517.64	1156.64	325.7531	16.05025	0.334311	1.779305	502.6541		0.288265	0.446706	365.7392	108.9206	1.752844	100	3.9
1517.792	1156.792	325.7582	16.0451	0.334943	1.793814	502.9709		0.288903	0.46365	341.4767	92.31897	1.486173	100	3.1
1517.944	1156.944	325.7633	16.04009	0.337134	1.804652	502.5895		0.291052	0.485664	308.1322	77.78346	1.252585	100	2.4
1518.097	1157.097	325.7685	16.0907	0.340734	1.683293	501.7091		0.294567	0.498119	286.0937	70.63993	1.133994	100	2
1518.249	1157.249	325.7736	16.14196	0.343272	1.58754	500.9018		0.297056	0.500487	279.3916	68.69595	1.099308	100	1.8
1518.402	1157.402	325.7787	16.17749	0.342928	1.552074	500.6758		0.296747	0.490879	293.0757	72.76615	1.161907	100	2
1518.554	1157.554	325.7838	16.08714	0.339548	1.586019	500.9132		0.293494	0.478286	314.9437	80.29625	1.289347	100	2.4
1518.706	1157.706	325.7889	16.0954	0.336075	1.656013	500.9507		0.290153	0.465198	337.6152	90.27949	1.448929	100	3
1518.859	1157.859	325.7941	15.99556	0.333459	1.691454	500.1751		0.287644	0.473781	329.2328	86.23806	1.392709	100	2.8
1519.011	1158.011	325.7992	15.97008	0.332197	1.734322	499.1741		0.286448	0.490939	307.2051	77.45452	1.252868	100	2.4
1519.164	1158.164	325.8043	15.97715	0.332354	1.791733	499.1195		0.286626	0.482608	318.4576	81.6654	1.320416	100	2.7
1519.316	1158.316	325.8094	15.98428	0.331633	1.874186	500.1827		0.285953	0.455956	356.1653	101.4289	1.639257	100	3.7
1519.468	1158.468	325.8145	15.99067	0.329972	1.989759	501.7319		0.284371	0.470168	338.7362	90.85888	1.467863	100	3.2
1519.621	1158.621	325.8197	15.91922	0.327895	2.133512	502.8205		0.282387	0.454502	363.0941	106.698	1.731501	100	4.1
1519.773	1158.773	325.8248	15.8321	0.326805	2.207474	503.1087		0.281358	0.505911	293.5688	72.9206	1.189881	100	2.5
1519.926	1158.926	325.8299	15.73169	0.328751	2.188498	502.7842		0.283267	0.522099	268.5962	65.73597	1.079504	100	2.1
1520.078	1159.078	325.835	15.60614	0.332795	2.08794	501.58		0.287206	0.519241	267.1037	65.34163	1.081676	100	2
1520.23	1159.23	325.8401	15.5245	0.338595	2.030347	498.3402		0.292851	0.475111	320.2129	82.36993	1.370759	100	2.8
1520.383	1159.383	325.8453	15.58207	0.34214	1.991087	491.7342		0.296315	0.493523	290.0234	71.82302	1.190841	100	2.2
1520.535	1159.535	325.8504	15.57988	0.341829	1.977204	482.6065		0.296038	0.518192	256.363	62.5983	1.038054	100	1.8
1520.688	1159.688	325.8555	15.61957	0.339914	1.941249	474.3397		0.294207	0.540129	228.617	56.16008	0.928936	100	1.5
1520.84	1159.84	325.8606	15.66921	0.33398	1.87943	469.7439		0.288481	0.508962	279.5277	68.73455	1.133341	100	2.1
1520.992	1159.992	325.8657	15.66106	0.328276	1.64842	468.9811		0.282985	0.491059	311.8185	79.12151	1.305306	100	2.6
1521.145	1160.145	325.8709	15.56209	0.324304	1.380867	470.3968		0.27917	0.460016	359.924	104.1941	1.729901	100	3.9
1521.297	1160.297	325.876	15.52899	0.323548	1.186676	472.3904		0.278464	0.454544	368.4485	111.335	1.852428	100	4.2
1521.45	1160.45	325.8811	15.5033	0.324297	1.125272	474.7271		0.279214	0.458722	361.6479	105.5351	1.758863	100	3.8
1521.602	1160.602	325.8862	15.61526	0.321933	1.142704	477.5876		0.276955	0.47892	336.8933	89.91162	1.487751	100	3
1521.754	1160.754	325.8913	15.64549	0.320947	1.151506	480.6548		0.276027	0.508571	297.2539	74.09432	1.223672	100	2.2
1521.907	1160.907	325.8965	15.67563	0.321028	1.170802	483.4009		0.276132	0.506568	299.8744	74.95085	1.235455	100	2.3
1522.059	1161.059	325.9016	15.73368	0.322635	1.196683	485.6645		0.27771	0.489981	320.5861	82.52163	1.355249	100	2.7
1522.212	1161.212	325.9067	15.69016	0.322499	1.274497	487.4422		0.277604	0.488244	323.13	83.57362	1.376351	100	2.8
1522.364	1161.364	325.9118	15.64801	0.322509	1.332477	488.8167		0.277639	0.504718	300.3478	75.10761	1.240276	100	2.4
1522.516	1161.516	325.9169	15.65038	0.322103	1.420545	490.2069		0.277272	0.510621	292.7074	72.65117	1.199547	100	2.3
1522.669	1161.669	325.9221	15.65275	0.321011	1.503855	491.6861		0.276243	0.488789	324.2556	84.04957	1.387556	100	2.9
1522.821	1161.821	325.9272	15.65512	0.316951	1.647927	493.3241		0.272347	0.465763	361.4075	105.3452	1.738882	100	4.1
1522.974	1161.974	325.9323	15.74916	0.313729	1.77213	494.9843		0.269265	0.473219	355.3721	100.8713	1.655116	100	4
1523.126	1162.126	325.9374	15.75155	0.315674	1.884569	496.3904		0.271167	0.487299	333.3175	88.14665	1.446127	100	3.3
1523.278	1162.278	325.9425	15.75393	0.321359	1.937182	497.511		0.276681	0.5062	299.6238	74.86811	1.228112	100	2.6
1523.431	1162.431	325.9477	15.75631	0.324626	1.997635	498.5962		0.279864	0.510353	289.5011	71.66379	1.175389	100	2.4
1523.583	1162.583	325.9528	15.7587	0.324192	2.031285	500.123		0.27947	0.515331	283.1745	69.78225	1.144371	100	2.3
1523.736	1162.736	325.9579	15.73942	0.324495	2.055058	502.0056		0.279788	0.511828	287.5701	71.08044	1.167104	100	2.4
1523.888	1162.888	325.963	15.74729	0.329282	1.994084	503.9293	1489.191	0.284443	0.533697	250.9669	61.27774	1.00566	100	1.8
1524.04	1163.04	325.9681	15.65338	0.334012	1.954441	505.8754	1480.203	0.289048	0.517851	266.4797	65.17775	1.076098	100	2
1524.193	1163.193	325.9733	15.70482	0.338414	1.92777	507.9326	1440.129	0.293339	0.505634	277.4167	68.13947	1.121327	100	2
1524.345	1163.345	325.9784	15.75869	0.338488	2.046892	510.1072	1383.181	0.293436	0.503439	280.3133	68.95811	1.130936	100	2.1
1524.498	1163.498	325.9835	15.78439	0.339207	2.162863	511.7768	1329.688	0.294159	0.520979	255.1107	62.28856	1.019904	100	1.8
1524.65	1163.65	325.9886	15.90693	0.342721	2.181602	510.6298	1277.732	0.297592	0.50784	268.5032	65.71129	1.06768	100	1.9
1524.802	1163.802	325.9937	16.02885	0.352276	1.971575	502.8965	1222.61	0.306896	0.518379	241.1194	58.95683	0.950669	100	1.5
1524.955	1163.955	325.9989	16.15176	0.365698	1.804752	486.1886	1185.845	0.319985	0.542855	189.2812	48.27935	0.772595	100	0.8
1525.107	1164.107	326.004	16.29104	0.37431	1.717421	464.0471	1160.341	0.328409	0.575392	132.7548	38.91546	0.617446	100	0.3
1525.26	1164.26	326.0091	16.44668	0.374433	1.624492	445.4626	1150.594	0.328554	0.558189	156.2941	42.56694	0.669021	100	0.4
1525.412	1164.412	326.0142	16.48906	0.366627	1.356875	437.1607	1157.599	0.320967	0.469224	289.5366	71.67459	1.123635	100	1.6
1525.564	1164.564	326.0194	16.53895	0.351918	1.067771	438.8209	1121.86	0.306676	0.412279	387.8421	134.0347	2.094963	100	4.4
1525.717	1164.717	326.0245	16.59457	0.334057	0.86377	445.6384	1093.789	0.289372	0.394216	436.6487	262.307	4.086235	100	10.6
1525.869	1164.869	326.0296	16.71331	0.321089	0.816196	453.8435	1094.927	0.276853	0.439919	390.8549	138.688	2.145244	100	5
1526.022	1165.022	326.0347	16.68141	0.317932	0.833938	461.9568	1098.192	0.273829	0.449323	382.0502	126.0685	1.953782	100	4.5

1526.174	1165.174	326.0398	16.64779	0.320916	0.879488	468.5519	1120.664	0.276737	0.452834	373.192	115.9376	1.80041	100	3.9
1526.326	1165.326	326.045	16.6503	0.320454	0.951235	472.5685	1174.803	0.276316	0.448742	379.4202	122.8255	1.907114	100	4.3
1526.479	1165.479	326.0501	16.66535	0.31718	1.055671	473.9968	1188.106	0.27318	0.473194	350.0028	97.31155	1.509621	100	3.2
1526.631	1165.631	326.0552	16.68629	0.316872	1.133694	473.7388	1205.374	0.272908	0.481368	339.0995	91.04885	1.410721	100	2.9
1526.784	1165.784	326.0603	16.84752	0.317957	1.18659	473.1507	1234.165	0.273981	0.479266	340.5196	91.80177	1.408867	100	2.9
1526.936	1165.936	326.0654	16.73731	0.317698	1.24753	473.0483	1244.775	0.273757	0.47812	342.4104	92.83126	1.434015	100	3
1527.088	1166.088	326.0706	16.71779	0.316198	1.284031	473.6129	1255.334	0.272334	0.476992	345.9309	94.83585	1.466703	100	3.1
1527.241	1166.241	326.0757	16.71446	0.313466	1.342808	474.835	1263.999	0.269724	0.45288	382.8062	127.0415	1.965203	100	4.8
1527.393	1166.393	326.0808	16.709	0.30928	1.386061	476.3014	1261.29	0.265714	0.449623	392.8349	141.9602	2.196724	100	5.7
1527.546	1166.546	326.0859	16.70266	0.305762	1.444827	477.4121	1265.234	0.26235	0.437993	413.5262	189.9462	2.94042	100	8.2
1527.698	1166.698	326.0911	16.70517	0.304624	1.438807	477.4877	1268.057	0.261281	0.447043	402.5134	160.8481	2.489635	100	6.7
1527.85	1166.85	326.0962	16.70769	0.304883	1.416701	475.8484	1270.14	0.261556	0.450118	397.891	151.1794	2.339662	100	6.2
1528.003	1167.003	326.1013	16.71021	0.307689	1.339512	473.0341	1259.113	0.264283	0.468681	368.5106	111.3921	1.723676	100	4.1
1528.155	1167.155	326.1064	16.76276	0.312609	1.218905	470.9438	1257.566	0.26905	0.437316	405.2159	167.1317	2.578157	100	6.7
1528.308	1167.308	326.1115	16.66769	0.316975	1.143431	471.0956	1262.202	0.273287	0.439964	395.7135	147.0484	2.281258	100	5.6
1528.46	1167.46	326.1167	16.69664	0.316101	1.144435	473.3336	1268.293	0.272469	0.463465	364.4111	107.7887	1.669335	100	3.7
1528.612	1167.612	326.1218	16.80137	0.310721	1.217776	476.1307	1271.956	0.267306	0.502759	317.3107	81.21262	1.249966	100	2.5
1528.765	1167.765	326.1269	16.74799	0.308983	1.24447	477.899	1277.555	0.265656	0.517654	299.0318	74.67336	1.152978	100	2.2
1528.917	1167.917	326.132	16.85296	0.308416	1.299503	478.238	1286.32	0.265135	0.50857	312.2864	79.29497	1.216769	100	2.5
1529.07	1168.07	326.1372	16.88059	0.30608	1.367338	477.5736	1291.632	0.262911	0.471343	366.7289	109.7857	1.681927	100	4
1529.222	1168.222	326.1423	16.93374	0.302993	1.440613	476.0708	1303.403	0.259965	0.475925	364.4718	107.8397	1.646982	100	4
1529.374	1168.374	326.1474	16.91397	0.302255	1.502407	473.9203	1325.392	0.25928	0.464046	381.8107	125.7641	1.92299	100	5
1529.527	1168.527	326.1525	17.00371	0.305172	1.498526	471.9727	1333.803	0.262113	0.456949	387.695	133.8169	2.035418	100	5.3
1529.679	1168.679	326.1576	17.09516	0.306173	1.555524	471.2449	1336.078	0.263102	0.432855	419.5785	210.5992	3.186336	100	9
1529.832	1168.832	326.1628	17.13487	0.304522	1.58334	471.9936	1214.536	0.261538	0.440703	410.9066	182.1294	2.749289	100	7.7
1529.984	1168.984	326.1679	17.07307	0.30234	1.565536	473.6316		0.259464	0.43165	426.2632	231.8299	3.512155	100	10.3
1530.136	1169.136	326.173	16.97169	0.301444	1.537739	475.7618		0.258627	0.437216	419.7369	211.1936	3.218549	100	9.3
1530.289	1169.289	326.1781	16.96737	0.296696	1.548169	478.0158		0.254088	0.418181	452.2686	305.2343	4.652953	100	14.3
1530.441	1169.441	326.1832	16.96245	0.293085	1.619312	479.6029		0.250644	0.400023	482.0789	378.5821	5.772798	100	18.4
1530.594	1169.594	326.1884	16.96421	0.296328	1.589213	480.0597		0.253785	0.406587	468.6872	346.9267	5.289628	100	16.5
1530.746	1169.746	326.1935	17.01625	0.307278	1.492268	479.7635		0.264344	0.4574	383.9927	128.6074	1.954959	100	5
1530.898	1169.898	326.1986	16.9839	0.317501	1.391018	479.7724		0.274227	0.49266	321.6959	82.97662	1.26373	100	2.5
1531.051	1170.051	326.2037	16.90423	0.32119	1.381582	480.6038		0.277815	0.477999	336.9771	89.9541	1.376433	100	2.8
1531.203	1170.203	326.2088	16.83238	0.322909	1.368251	482.0478	1334.837	0.279501	0.44152	384.9914	129.9632	1.997099	100	4.7
1531.356	1170.356	326.214	16.8891	0.319875	1.370561	483.3651	1334.281	0.276595	0.42236	415.4421	196.0719	3.002947	100	7.9
1531.508	1170.508	326.2191	16.9527	0.315892	1.336433	483.9328	1333.443	0.272775	0.433268	405.6604	168.2138	2.566714	100	6.7
1531.66	1170.66	326.2242	16.97793	0.31222	1.394509	484.3895	1336.9	0.269259	0.432506	411.5649	184.0355	2.804022	100	7.5
1531.813	1170.813	326.2293	17.02677	0.316568	1.359556	485.64	1345.5	0.273478	0.468433	356.163	101.4273	1.540994	100	3.4
1531.965	1170.965	326.2344	17.07411	0.322888	1.351954	487.6366	1368.608	0.279607	0.475181	338.392	90.67992	1.373933	100	2.8
1532.118	1171.118	326.2396	16.96995	0.327567	1.312426	489.8716	1389.234	0.284157	0.484583	319.1394	81.93734	1.249057	100	2.3
1532.27	1171.27	326.2447	16.9967	0.331856	1.284465	491.4906	1412.804	0.288332	0.485054	312.7264	79.45881	1.209397	100	2.2
1532.422	1171.422	326.2498	17.02241	0.334326	1.28553	492.1441	1437.889	0.29075	0.495145	295.4653	73.52029	1.117346	100	1.9
1532.575	1171.575	326.2549	16.99866	0.338589	1.281874	492.1339	1436.625	0.294906	0.491216	295.1516	73.42048	1.117393	100	1.8
1532.727	1171.727	326.26	16.97995	0.338678	1.326459	491.7615	1400.868	0.295017	0.47232	321.0744	82.72106	1.260335	100	2.3
1532.88	1171.88	326.2652	16.99185	0.336469	1.363575	491.4813	1416.249	0.292903	0.452657	351.1279	98.02816	1.492534	100	3
1533.032	1172.032	326.2703	16.99447	0.332473	1.386682	492.1253	1436.432	0.289057	0.456644	350.9329	97.9029	1.490419	100	3
1533.184	1172.184	326.2754	16.99709	0.329932	1.408469	493.7919	1447.785	0.286623	0.488274	310.6423	78.68919	1.197753	100	2.2
1533.337	1172.337	326.2805	16.99971	0.329754	1.404635	495.6552	1441.611	0.286475	0.502237	291.577	72.30033	1.100353	100	1.9
1533.489	1172.489	326.2856	16.95008	0.332665	1.389301	495.6068	1421.045	0.289318	0.524807	256.5075	62.63417	0.956028	100	1.4
1533.642	1172.642	326.2908	16.9527	0.336067	1.388233	490.7919	1367.965	0.292639	0.535257	237.5039	58.13161	0.887178	100	1.2
1533.794	1172.794	326.2959	16.98636	0.343641	1.363628	479.4731	1323.358	0.300009	0.518094	251.0172	61.28987	0.933549	100	1.3
1533.946	1172.946	326.301	16.82406	0.352885	1.328709	462.6447	1240.695	0.309013	0.499134	264.7571	64.72839	0.995392	100	1.3
1534.099	1173.099	326.3061	16.87688	0.359463	1.286404	445.2953	1201.669	0.315437	0.475711	288.2165	71.27479	1.092666	100	1.6
1534.251	1173.251	326.3112	16.71866	0.354679	1.210363	433.1984	1161.09	0.310807	0.437083	347.9108	96.01736	1.485854	100	2.7
1534.404	1173.404	326.3164	16.68373	0.334751	1.151286	429.4441	1132.004	0.291491	0.379065	454.6326	311.4451	4.829674	100	12.9
1534.556	1173.556	326.3215	16.579	0.31299	1.065277	433.2923	1103.64	0.270483	0.366182	501.403	420.9279	6.568597	100	19.5
1534.708	1173.708	326.3266	16.55692	0.30408	0.938396	440.9608	1094.025	0.261924	0.377132	498.1023	413.9557	6.468463	100	19.7
1534.861	1173.861	326.3317	16.4237	0.310527	0.805844	447.594	1080.02	0.268159	0.393901	466.3575	341.2108	5.374916	100	15.6
1535.013	1174.013	326.3368	16.28439	0.321343	0.733931	449.543	1069.396	0.278621	0.416917	420.1578	212.7871	3.38056	100	8.8
1535.166	1174.166	326.342	16.19021	0.329502	0.748153	446.0651	1068.791	0.286535	0.444663	370.9473	113.6965	1.816811	100	3.8
1535.318	1174.318	326.3471	16.13855	0.332274	0.826705	439.7258	1066.664	0.289244	0.432128	384.5066	129.3007	2.072786	100	4.5
1535.47	1174.47	326.3522	16.07816	0.331445	0.895237	434.317	1071.09	0.288466	0.409788	416.4084	199.3009	3.206967	100	8
1535.623	1174.623	326.3573	16.03914	0.324496	0.888305	432.5124	1081.96	0.28177	0.375062	473.5716	358.7055	5.786062	100	16.2
1535.775	1174.775	326.3624	15.88563	0.31869	0.824612	435.2681	1099.704	0.276185	0.371999	485.5054	386.3671	6.29251	100	18.1
1535.928	1174.928	326.3676	15.72597	0.317219	0.781349	442.4667	1115.64	0.274791	0.368141	492.7541	402.4359	6.620837	100	19.2
1536.08	1175.08	326.3727	15.61827	0.318226	0.767074	452.9933	1152.713	0.275788	0.387405	464.7928	337.3359	5.588187	100	15.9
1536.232	1175.232	326.3778	15.54017	0.317924	0.810392	464.6408	1208.28	0.275522	0.416826	424.5599	226.6745	3.773951	100	10.2
1536.385	1175.385	326.3829	15.50967	0.317171	0.930186	474.7069	1208.797	0.27482	0.448476	381.8514	125.8157	2.098886	100	5
1536.537	1175.537	326.388	15.47537	0.318636	1.084661	481.1686		0.27626	0.458179	366.4749	109.5619	1.831818	100	4.2
1536.69	1175.69	326.3932	15.40441	0.320844	1.241683	483.9816		0.278417	0.458792	362.6505	106.3375	1.786137	100	4
1536.842	1175.842	326.3983	15.38539	0.321429	1.349149	484.4857		0.279009	0.468173	348.8897	96.61688	1.624894	100	3.6
1536.994	1175.994	326.4034	15.41044	0.322618	1.40608	484.1326		0.280182	0.473073	340.5084	91.79578	1.541321	100	3.3
1537.147	1176.147	326.4085	15.41095	0.326016	1.418895	483.6618		0.283492	0.482671	322.6952	83.39151	1.40018	100	2.8
1537.299	1176.299	326.4136	15.50715	0.328752	1.433926	483.3689		0.286164	0.476124	328.0426	85.70169	1.430048	100	2.9
1537.452	1176.452	326.4188	15.60396	0.327154	1.491243	483.4222		0.284643	0.462685	348.6867	96.49168	1.600116	100	3.5
1537.604	1176.604	326.4239	15.70133	0.321183	1.580268	483.8376		0.278897	0.456772	364.7775	108.0977	1.781478	100	4.2
1537.756	1176.756	326.429	15.70561	0.314594	1.687152	484.5482		0.272562	0.431154	408.8722	176.4724	2.907559	100	7.9
1537.909	1176.909	326.4341	15.77094	0.312462	1.716142	485.1826		0.270531	0.418066	429.736	242.2018	3.974038	100	11.4
1538.061	1177.061	326.4392	15.83437	0.311748	1.708035	485.6041		0.269867	0.433974	408.7	176.0092	2.876424	100	7.9
1538.214	1177.214	326.4444	15.93313	0.312443	1.661788	486.156		0.270563	0.48148	342.1819	92.70515	1.505666	100	3.5

1538.366	1177.366	326.4495	15.92141	0.311082	1.686873	487.254		0.269276	0.523959	285.3353	70.41541	1.144505	100	2.3
1538.518	1177.518	326.4546	15.90833	0.309854	1.711631	488.9079		0.268118	0.538955	266.2398	65.11492	1.059237	100	2.1
1538.671	1177.671	326.4597	15.91085	0.309762	1.762159	490.3933		0.268054	0.535692	270.8304	66.33272	1.078892	100	2.2
1538.823	1177.823	326.4649	15.85388	0.310337	1.767613	490.5925		0.268634	0.507956	308.3065	77.84563	1.270713	100	2.8
1538.976	1177.976	326.47	15.80236	0.315467	1.698652	489.1502		0.273606	0.50981	298.8867	74.6258	1.222142	100	2.5
1539.128	1178.128	326.4751	15.70389	0.318191	1.706647	486.8566		0.276261	0.490482	321.8947	83.05873	1.368798	100	3
1539.28	1178.28	326.4802	15.7429	0.316887	1.774487	484.8585		0.275027	0.470769	350.8028	97.81956	1.608081	100	3.8
1539.433	1178.433	326.4853	15.75213	0.311764	1.796361	484.0097		0.27011	0.444863	393.3368	142.8184	2.346485	100	6.2
1539.585	1178.585	326.4905	15.89438	0.310122	1.732672	484.2598		0.268553	0.451761	385.967	131.3222	2.138326	100	5.6
1539.738	1178.738	326.4956	15.91018	0.313279	1.584485	484.8212		0.271622	0.448382	386.3953	131.93	2.146121	100	5.5
1539.89	1178.89	326.5007	15.93721	0.316866	1.516655	484.9221		0.275108	0.452679	375.6542	118.5367	1.925009	100	4.7
1540.042	1179.042	326.5058	15.94446	0.317772	1.493586	484.3181		0.276007	0.450057	378.0313	121.1972	1.967348	100	4.8
1540.195	1179.195	326.511	16.0372	0.315583	1.508285	483.3932		0.27392	0.456115	372.5518	115.2864	1.860614	100	4.5
1540.347	1179.347	326.5161	16.03961	0.312311	1.524338	482.7509		0.270789	0.470007	357.7022	102.5344	1.654583	100	3.9
1540.5	1179.5	326.5212	16.19802	0.311112	1.512848	482.8805		0.269658	0.483554	340.5676	91.82753	1.46736	100	3.3
1540.652	1179.652	326.5263	16.26995	0.311591	1.475349	484.0418		0.270146	0.476828	349.1768	96.79477	1.539932	100	3.5
1540.804	1179.804	326.5314	16.41595	0.312839	1.430572	486.0006		0.271374	0.455835	376.4517	119.4122	1.882933	100	4.6
1540.957	1179.957	326.5366	16.44898	0.312654	1.442949	488.1625		0.271221	0.435458	404.7833	166.0919	2.613789	100	6.9
1541.109	1180.109	326.5417	16.52609	0.311166	1.54361	489.4097		0.269811	0.418899	429.5801	241.74	3.786627	100	10.8
1541.262	1180.262	326.5468	16.67632	0.310191	1.664559	488.4595		0.268897	0.455363	380.5222	124.1581	1.927395	100	4.9
1541.414	1180.414	326.5519	16.72003	0.312226	1.735758	485.0925		0.270884	0.491278	328.2167	85.77964	1.328171	100	2.9
1541.566	1180.566	326.557	16.73507	0.317574	1.687106	480.9729		0.276069	0.498796	310.6863	78.70528	1.217562	100	2.5
1541.719	1180.719	326.5622	16.79711	0.323621	1.616941	478.5587		0.281935	0.49267	311.0451	78.83667	1.215128	100	2.4
1541.871	1180.871	326.5673	16.82844	0.327045	1.52306	479.282		0.285271	0.475353	330.3396	86.74459	1.334557	100	2.7
1542.024	1181.024	326.5724	16.89037	0.329922	1.374677	482.1775		0.288079	0.48042	319.4712	82.07051	1.258059	100	2.4
1542.176	1181.176	326.5775	16.89135	0.332771	1.295456	484.9363		0.290862	0.487316	306.1142	77.07118	1.181372	100	2.1
1542.328	1181.328	326.5826	16.89385	0.336619	1.3327	486.3552		0.294615	0.480141	310.8369	78.76035	1.207103	100	2.1
1542.481	1181.481	326.5878	16.89341	0.337481	1.433456	486.4973		0.295476	0.480564	309.0658	78.1177	1.197301	100	2.1
1542.633	1181.633	326.5929	16.79361	0.333518	1.502919	485.9661		0.291661	0.476788	319.5402	82.09826	1.265766	100	2.4
1542.786	1181.786	326.598	16.65699	0.326652	1.551022	484.9841		0.285042	0.481589	322.0491	83.12267	1.29204	100	2.6
1542.938	1181.938	326.6031	16.59632	0.320623	1.588226	483.9863		0.27924	0.456386	364.8361	108.1474	1.687162	100	3.9
1543.09	1182.09	326.6082	16.64139	0.317204	1.558854	483.4521		0.275964	0.458484	366.4612	109.5498	1.704454	100	4
1543.243	1182.243	326.6134	16.62382	0.317598	1.507728	483.5656		0.276369	0.454595	371.2698	114.0113	1.775761	100	4.2
1543.395	1182.395	326.6185	16.57413	0.320721	1.477908	484.184		0.27941	0.474727	339.2918	91.1498	1.423944	100	3
1543.548	1182.548	326.6236	16.45848	0.323728	1.434369	484.6724		0.282341	0.479427	328.7599	86.02392	1.353296	100	2.7
1543.7	1182.7	326.6287	16.44786	0.3231	1.448342	484.7574		0.281759	0.493594	310.0142	78.46045	1.235122	100	2.4
1543.852	1182.852	326.6338	16.50476	0.320717	1.44369	484.5057		0.279482	0.486726	322.6335	83.36575	1.307849	100	2.6
1544.005	1183.005	326.639	16.51218	0.319778	1.472869	484.1715		0.2786	0.457077	364.7659	108.0879	1.694956	100	3.9
1544.157	1183.157	326.6441	16.61511	0.321913	1.439624	483.9007		0.280688	0.437974	388.2467	134.6379	2.098293	100	5.1
1544.31	1183.31	326.6492	16.61706	0.320102	1.485041	483.4301		0.278963	0.469253	347.4611	95.74537	1.49201	100	3.3
1544.462	1183.462	326.6543	16.6999	0.315897	1.532919	482.2701		0.274929	0.490251	324.0513	83.96271	1.301955	100	2.7
1544.614	1183.614	326.6594	16.76107	0.310995	1.585006	480.7611		0.270226	0.503219	312.6459	79.42879	1.227192	100	2.6
1544.767	1183.767	326.6646	16.81472	0.311866	1.58159	479.5663		0.271091	0.491307	327.8899	85.63352	1.318874	100	2.9
1544.919	1183.919	326.6697	16.77721	0.311108	1.569874	479.3685	1439.754	0.270386	0.468515	360.3168	104.4954	1.612975	100	3.8
1545.072	1184.072	326.6748	16.91251	0.307635	1.606691	480.2887	1440.008	0.267064	0.467481	366.3285	109.4334	1.675777	100	4.1
1545.224	1184.224	326.6799	17.031	0.30198	1.654934	481.4883	1439.045	0.261645	0.491079	341.2406	92.19064	1.401989	100	3.3
1545.376	1184.376	326.685	17.11498	0.306332	1.628177	482.4086	1435.917	0.26586	0.513325	304.7248	76.58862	1.159058	100	2.4
1545.529	1184.529	326.6902	17.03373	0.313946	1.575883	482.9476	1441.56	0.273223	0.519877	285.5226	70.47073	1.071542	100	2
1545.681	1184.681	326.6953	17.09553	0.323894	1.446792	483.2167	1448.446	0.282854	0.514995	278.9688	68.5762	1.039003	100	1.8
1545.834	1184.834	326.7004	17.00383	0.327952	1.390504	483.4859	1427.918	0.286803	0.518896	268.1354	65.61386	0.999462	100	1.6
1545.986	1184.986	326.7055	16.89841	0.327973	1.370746	484.2696	1428.686	0.286848	0.523602	261.5789	63.91048	0.979567	100	1.5
1546.138	1185.138	326.7106	16.82415	0.32601	1.40179	485.7455	1464.602	0.284975	0.528612	257.2493	62.81871	0.967074	100	1.5
1546.291	1185.291	326.7158	16.79421	0.331656	1.358541	487.4342	1463.382	0.290463	0.532252	244.654	59.77723	0.921896	100	1.3
1546.443	1185.443	326.7209	16.7602	0.338103	1.296502	488.729	1467.672	0.296733	0.532673	235.4192	57.66198	0.891082	100	1.2
1546.596	1185.596	326.726	16.67919	0.334522	1.335536	489.1348	1476.006	0.293289	0.526173	249.1435	60.83956	0.944746	100	1.4
1546.748	1185.748	326.7311	16.80714	0.315206	1.54043	488.7402	1474.646	0.27464	0.52821	272.0677	66.66662	1.0274	100	1.9
1546.9	1185.9	326.7362	16.8296	0.302408	1.726506	488.3553	1481.662	0.262334	0.532039	283.765	69.95434	1.076651	100	2.2
1547.053	1186.053	326.7414	16.86728	0.303214	1.717556	488.4021	1472.048	0.263135	0.539853	271.8771	66.61503	1.022992	100	2.1
1547.205	1186.205	326.7465	16.93584	0.318436	1.503568	488.7188	1466.359	0.277833	0.525837	270.9355	66.361	1.015001	100	1.8
1547.358	1186.358	326.7516	16.96019	0.333441	1.336627	488.7721	1474.955	0.292368	0.512106	269.8263	66.06356	1.009023	100	1.6
1547.51	1186.51	326.7567	16.98521	0.339468	1.309848	488.4442	1474.746	0.298233	0.494914	285.4577	70.45156	1.074482	100	1.7
1547.662	1186.662	326.7618	16.98772	0.330084	1.439836	488.2181	1494.257	0.289168	0.474779	325.7542	84.6938	1.291523	100	2.5
1547.815	1186.815	326.767	17.04049	0.317412	1.598264	488.4331	1492.196	0.276945	0.453192	372.4119	115.1454	1.750507	100	4.2
1547.967	1186.967	326.7721	17.03889	0.314804	1.606096	489.277	1480.177	0.274453	0.460415	365.8819	109.0441	1.65793	100	3.9
1548.12	1187.12	326.7772	17.06781	0.323862	1.469258	490.6419	1485.148	0.283226	0.497381	302.7626	75.91752	1.152338	100	2.1
1548.272	1187.272	326.7823	17.01529	0.333502	1.432777	492.1114	1478.914	0.292578	0.514629	266.0545	65.06643	0.990674	100	1.5
1548.424	1187.424	326.7874	16.9586	0.339057	1.437228	492.9777	1463.802	0.297986	0.515937	256.7871	62.70364	0.957885	100	1.4
1548.577	1187.577	326.7926	16.94111	0.337772	1.509912	492.5799	1470.233	0.296765	0.526568	243.8009	59.57796	0.911083	100	1.3
1548.729	1187.729	326.7977	16.93624	0.337058	1.465692	490.8229	1471.329	0.296098	0.513817	262.3179	64.09938	0.98052	100	1.5
1548.882	1187.882	326.8028	16.94145	0.335498	1.459012	488.6596	1465.782	0.294612	0.49319	292.8328	72.69029	1.111609	100	1.9
1549.034	1188.034	326.8079	16.98718	0.335063	1.433388	487.4806	1457.992	0.294215	0.44782	355.9923	101.3065	1.545093	100	3.2
1549.186	1188.186	326.813	16.94899	0.329661	1.461011	488.0293	1463.634	0.28901	0.446369	365.1782	108.4385	1.657595	100	3.6
1549.339	1188.339	326.8182	16.94614	0.32509	1.488718	489.7972	1472.647	0.284613	0.480898	323.5952	83.76954	1.280736	100	2.5
1549.491	1188.491	326.8233	16.90811	0.326805	1.439714	491.6098	1476.076	0.286297	0.51143	279.1358	68.62345	1.051532	100	1.8
1549.644	1188.644	326.8284	17.07643	0.33209	1.412424	492.4887	1472.315	0.291437	0.511448	272.0198	66.65365	1.011353	100	1.6
1549.796	1188.796	326.8335	17.04764	0.335742	1.423889	491.2431	1451.812	0.294999	0.509712	269.4991	65.9762	1.002767	100	1.6
1549.948	1188.948	326.8387	16.98265	0.336565	1.485793	486.8821	1425.025	0.295821	0.510118	267.8049	65.52647	0.999734	100	1.6
1550.101	1189.101	326.8438	16.9106	0.336	1.506357	479.8854	1391.086	0.295299	0.495759	288.3404	71.31216	1.092631	100	1.9
1550.253	1189.253	326.8489	16.8524	0.334983	1.524239	472.4185	1357.2	0.294339	0.481256	309.6792	78.339	1.204435	100	2.2
1550.406	1189.406	326.854	16.75083	0.330874	1.577129	467.3493	1345.985	0.290385	0.43272	382.1148	126.1509	1.951258	100	4.5

1550.558	1189.558	326.8591	16.71547	0.3236	1.47282	466.307	1324.635	0.283374	0.392092	447.8568	293.447	4.548555	100	12.7
1550.71	1189.71	326.8643	16.72969	0.315325	1.28853	469.0341	1293.303	0.275408	0.374433	483.22	381.1885	5.903665	100	17.3
1550.863	1189.863	326.8694	16.87292	0.310769	1.138714	473.8508	1273.772	0.27104	0.385892	473.4344	358.3784	5.503577	100	16.2
1551.015	1190.015	326.8745	16.75267	0.313491	1.114955	478.6929	1274.457	0.273689	0.394622	457.7307	319.4763	4.941275	100	14.2
1551.168	1190.168	326.8796	16.85004	0.323637	1.016402	482.144	1269.22	0.283511	0.444901	374.7917	117.6088	1.808594	100	4
1551.32	1190.32	326.8848	17.00981	0.336136	0.914236	483.7311	1279.49	0.295632	0.499861	282.2201	69.50557	1.058889	100	1.5
1551.472	1190.472	326.8899	16.99226	0.345351	0.851891	483.8319	1299.087	0.304593	0.509498	256.5539	62.64568	0.955374	100	1.1
1551.625	1190.625	326.895	16.93198	0.348758	0.870472	482.9038	1306.155	0.307927	0.481686	290.3335	71.91784	1.100677	100	1.5
1551.777	1190.777	326.9001	16.90604	0.344723	0.93827	481.563	1313.259	0.304034	0.465726	317.7309	81.37783	1.247376	100	2
1551.93	1190.93	326.9052	16.90159	0.33697	1.0118	480.1839	1329.479	0.29654	0.461404	334.0371	88.49447	1.356835	100	2.4
1552.082	1191.082	326.9104	16.79111	0.327442	1.121232	479.0684	1338.102	0.28734	0.452557	358.9413	103.4508	1.596558	100	3.3
1552.234	1191.234	326.9155	16.81745	0.321386	1.209915	478.3374	1333.914	0.281511	0.437105	388.3098	134.7325	2.076117	100	4.9
1552.387	1191.387	326.9206	16.71249	0.318421	1.284025	477.3901	1325.189	0.278673	0.457874	363.5654	107.0848	1.660427	100	3.7
1552.539	1191.539	326.9257	16.65231	0.320026	1.272381	475.5728	1320.776	0.280247	0.471471	342.6287	92.95218	1.446498	100	3
1552.692	1191.692	326.9309	16.60984	0.322859	1.244339	472.876	1311.168	0.28301	0.472162	337.8633	90.40688	1.410492	100	2.9
1552.844	1191.844	326.936	16.58731	0.323535	1.226918	470.0487	1295.8	0.283688	0.452025	364.7165	108.0461	1.687996	100	3.7
1552.996	1191.996	326.9411	16.58982	0.320147	1.245105	468.2126	1285.257	0.28044	0.441114	384.2564	128.962	2.014487	100	4.8
1553.149	1192.149	326.9462	16.52137	0.314455	1.265143	468.3481	1276.693	0.27497	0.417763	424.0285	225.0567	3.530125	100	9.7
1553.301	1192.301	326.9513	16.50392	0.307397	1.28026	470.7354	1281.634	0.268192	0.417513	433.7264	253.894	3.986706	100	11.5
1553.454	1192.454	326.9565	16.46243	0.300464	1.296023	474.609	1269.278	0.261544	0.431916	423.0244	221.9879	3.494514	100	10.2
1553.606	1192.606	326.9616	16.4228	0.29718	1.299712	478.6572	1265.94	0.258412	0.448182	404.8995	166.3699	2.625318	100	7.4
1553.758	1192.758	326.9667	16.40892	0.300264	1.241925	481.8989	1271.159	0.261402	0.460778	383.3922	127.8088	2.018554	100	5.2
1553.911	1192.911	326.9718	16.45421	0.307989	1.154554	484.0987	1277.402	0.268863	0.454952	381.1364	124.9172	1.967496	100	4.8
1554.063	1193.063	326.9769	16.45706	0.314872	1.108776	485.5427	1285.468	0.275523	0.45444	372.6512	115.3868	1.8171	100	4.2
1554.216	1193.216	326.9821	16.45492	0.318988	1.100029	486.3264	1288.603	0.27952	0.469192	346.7773	95.33593	1.501556	100	3.1
1554.368	1193.368	326.9872	16.43771	0.320966	1.109514	486.3191	1291.355	0.281456	0.489363	316.2698	80.80668	1.274064	100	2.4
1554.52	1193.52	326.9923	16.53948	0.320366	1.101112	485.6039	1293.505	0.280902	0.474495	337.5534	90.24783	1.414211	100	2.8
1554.673	1193.673	326.9974	16.54191	0.319174	1.136089	484.4758	1297.958	0.279775	0.457997	361.8746	105.715	1.656368	100	3.6
1554.825	1193.825	327.0025	16.54748	0.31746	1.175773	483.5762	1305.556	0.278146	0.444191	383.176	127.5245	1.99744	100	4.8
1554.978	1193.978	327.0077	16.45024	0.317312	1.192318	483.4865	1308.207	0.278028	0.459259	362.5445	106.2518	1.674073	100	3.7
1555.13	1194.13	327.0128	16.44907	0.319476	1.161801	484.1685	1312.971	0.280142	0.472085	341.9263	92.56468	1.458546	100	3
1555.282	1194.282	327.0179	16.47203	0.321844	1.127274	485.114	1313.903	0.282455	0.4869	318.29	81.59884	1.283987	100	2.4
1555.435	1194.435	327.023	16.49349	0.325261	1.08779	485.8436	1316.15	0.285783	0.477093	327.2315	85.34103	1.341148	100	2.5
1555.587	1194.587	327.0281	16.4978	0.324421	1.079667	486.0428	1321.525	0.284995	0.465418	344.4305	93.96694	1.476341	100	3
1555.74	1194.74	327.0333	16.55877	0.322993	1.100616	484.848	1328.13	0.28364	0.488215	314.8404	80.25678	1.256326	100	2.3
1555.892	1194.892	327.0384	16.47261	0.31933	1.193509	482.0558	1329.06	0.280126	0.476453	335.9204	89.42213	1.407117	100	2.9
1556.044	1195.044	327.0435	16.40465	0.317894	1.274292	478.2856	1327.182	0.278765	0.452581	370.742	113.4973	1.79336	100	4.1
1556.197	1195.197	327.0486	16.27576	0.315279	1.332429	474.5437	1327.676	0.276267	0.462837	360.0372	104.2807	1.660771	100	3.8
1556.349	1195.349	327.0537	16.35192	0.313269	1.368859	471.5578	1331.504	0.274353	0.487937	328.0409	85.70095	1.358546	100	2.9
1556.502	1195.502	327.0589	16.25451	0.314213	1.329902	469.4325	1324.377	0.275288	0.486274	329.0446	86.15267	1.373893	100	2.9
1556.654	1195.654	327.064	16.16075	0.319763	1.192024	468.0502	1317.76	0.28067	0.506701	293.4282	72.87649	1.168924	100	2.1
1556.806	1195.806	327.0691	16.28013	0.323172	1.104316	467.1508	1317.335	0.283988	0.504132	292.3936	72.55346	1.155238	100	2
1556.959	1195.959	327.0742	16.39601	0.322471	1.072698	466.7784	1315.491	0.283335	0.486758	317.2711	81.19708	1.283767	100	2.4
1557.111	1196.111	327.0793	16.47366	0.32035	1.076678	467.3175	1318.426	0.281312	0.464578	350.6721	97.73606	1.538013	100	3.2
1557.264	1196.264	327.0845	16.50422	0.323577	1.030864	469.781	1323.255	0.284455	0.470853	337.6755	90.31041	1.418556	100	2.8
1557.416	1196.416	327.0896	16.47679	0.331528	0.971212	475.3153	1326.843	0.29217	0.479926	314.507	80.12973	1.260749	100	2.2
1557.568	1196.568	327.0947	16.48209	0.337373	0.955978	483.8444	1331.39	0.297858	0.458314	336.4836	89.70461	1.410965	100	2.5
1557.721	1196.721	327.0998	16.55205	0.338234	0.996517	494.0564	1330.419	0.298717	0.410565	401.191	157.9492	2.473951	100	5.7
1557.873	1196.873	327.1049	16.52358	0.335734	1.019397	504.2431	1326.125	0.296319	0.373179	456.0929	315.2459	4.946231	100	13.2
1558.026	1197.026	327.1101	16.49776	0.333022	1.047063	512.6514	1324.748	0.293717	0.401166	421.061	215.941	3.393464	100	8.6
1558.178	1197.178	327.1152	16.4477	0.344429	0.959066	514.3813	1324.746	0.304801	0.439659	352.6456	99.01876	1.560801	100	2.9
1558.33	1197.33	327.1203	16.38861	0.347557	0.949177	507.0894	1320.163	0.307862	0.493304	274.3904	67.30018	1.064661	100	1.4
1558.483	1197.483	327.1254	16.51426	0.33368	1.045443	494.7161	1316.497	0.294429	0.496733	288.1966	71.26881	1.118903	100	1.8
1558.635	1197.635	327.1305	16.62084	0.312662	1.238208	483.9814	1308.864	0.274142	0.469035	354.4155	100.2103	1.563243	100	3.5
1558.788	1197.788	327.1357	16.76769	0.307538	1.296021	477.6706	1298.462	0.269229	0.460917	372.3996	115.133	1.780389	100	4.3
1558.94	1197.94	327.1408	16.91239	0.325114	1.162013	474.059	1296.343	0.286216	0.490679	307.8859	77.69577	1.191253	100	2.1
1559.092	1198.092	327.1459	16.88969	0.339444	1.049881	473.3375	1295.539	0.300115	0.484236	297.5963	74.20516	1.139271	100	1.8
1559.245	1198.245	327.151	16.76442	0.343152	1.025356	475.6357	1296.734	0.303736	0.473838	306.9469	77.36343	1.196611	100	1.9
1559.397	1198.397	327.1561	16.7197	0.340483	1.031511	479.3725	1292.373	0.301173	0.488529	290.2125	71.88081	1.114785	100	1.7
1559.55	1198.55	327.1613	16.85905	0.339601	1.032881	481.4201	1286.925	0.300342	0.502709	271.7885	66.59106	1.024263	100	1.4
1559.702	1198.702	327.1664	16.88406	0.346774	0.958544	479.7393	1278.147	0.307327	0.511927	249.4292	60.90795	0.93548	100	1.1
1559.854	1198.854	327.1715	16.77071	0.350516	0.940143	475.4991	1273.657	0.310987	0.510168	246.8062	60.28361	0.932133	100	1
1560.007	1199.007	327.1766	16.76996	0.338466	1.064689	471.2714	1265.658	0.299316	0.505935	268.7536	65.77777	1.017145	100	1.4
1560.159	1199.159	327.1817	16.76248	0.319652	1.270125	468.1616	1254.696	0.281138	0.488171	318.3537	81.62413	1.262761	100	2.5
1560.312	1199.312	327.1869	16.70435	0.317595	1.250078	466.195	1252.036	0.279177	0.484765	325.7605	84.6965	1.314851	100	2.6
1560.464	1199.464	327.192	16.81302	0.320851	1.167103	465.1367	1251.56	0.282345	0.498107	302.976	75.98991	1.172111	100	2.1
1560.616	1199.616	327.1971	16.72621	0.325545	1.08304	465.6091	1255.075	0.286907	0.505419	286.5905	70.78764	1.097526	100	1.8
1560.769	1199.769	327.2022	16.7244	0.322613	1.120049	468.371	1259.436	0.284098	0.511061	282.6814	69.63909	1.079849	100	1.8
1560.921	1199.921	327.2073	16.72276	0.330311	1.040577	473.3083	1260.226	0.291567	0.535968	238.0017	58.2444	0.90326	100	1.1
1561.074	1200.074	327.2125	16.68008	0.350611	0.868845	479.1826	1264.122	0.311279	0.559255	178.6624	46.35919	0.720785	100	0.4
1561.226	1200.226	327.2176	16.7876	0.36988	0.74515	483.7451	1267.317	0.330062	0.588286	112.6791	36.05163	0.556957	87	0
1561.378	1200.378	327.2227	16.72331	0.379356	0.714866	485.5323	1275.901	0.339335	0.582294	108.1513	35.43557	0.549543	82.9	0
1561.531	1200.531	327.2278	16.6958	0.36535	0.798285	484.9439	1281.739	0.325696	0.557093	161.7521	43.46205	0.675134	100	0.1
1561.683	1200.683	327.2329	16.68671	0.334349	1.034185	483.606	1286.151	0.295602	0.515442	260.7602	63.70211	0.990092	100	1.4
1561.836	1200.836	327.2381	16.62986	0.311392	1.288672	483.0845	1292.871	0.273442	0.495765	318.4941	81.67988	1.273853	100	2.6
1561.988	1200.988	327.2432	16.61101	0.307222	1.348425	484.5412	1293.845	0.269449	0.468381	361.7942	105.6511	1.649586	100	3.9
1562.14	1201.14	327.2483	16.44938	0.317854	1.198723	487.7542	1291.239	0.279726	0.44362	381.7832	125.7293	1.982337	100	4.7
1562.293	1201.293	327.2534	16.45743	0.326236	1.133356	490.8051	1290.128	0.28785	0.462751	344.171	93.81893	1.478514	100	3
1562.445	1201.445	327.2586	16.44462	0.325847	1.151535	491.7158	1284.071	0.287499	0.484728	314.327	80.06135	1.262703	100	2.3
1562.598	1201.598	327.2637	16.42905	0.323944	1.165374	489.5396	1282.102	0.285684	0.483599	318.3899	81.63848	1.288812	100	2.4

1562.75	1201.75	327.2688	16.46578	0.320811	1.172293	485.3754	1283.133	0.282681	0.4505	368.2095	111.1161	1.75029	100	3.9
1562.902	1201.902	327.2739	16.47513	0.318198	1.17851	481.3924	1276.025	0.280183	0.439512	386.8221	132.5425	2.086644	100	5
1563.055	1202.055	327.279	16.48633	0.313544	1.208373	479.1208	1269.978	0.275717	0.463895	359.3354	103.7471	1.632227	100	3.7
1563.207	1202.207	327.2842	16.53963	0.308352	1.220616	478.7707	1274.57	0.270737	0.478714	345.7575	94.73425	1.485662	100	3.3
1563.36	1202.36	327.2893	16.52373	0.305844	1.183053	479.4177	1273.681	0.268347	0.48806	336.1581	89.54103	1.405586	100	3.1
1563.512	1202.512	327.2944	16.57494	0.305667	1.139932	480.0584	1271.309	0.268201	0.480554	346.7181	95.30071	1.491412	100	3.3
1563.664	1202.664	327.2995	16.65071	0.308277	1.123987	480.6039	1267.467	0.27074	0.497278	320.1359	82.33872	1.282736	100	2.6
1563.817	1202.817	327.3047	16.5784	0.311463	1.147032	481.5175	1271.171	0.273835	0.503142	307.772	77.65531	1.21505	100	2.4
1563.969	1202.969	327.3098	16.50776	0.317555	1.132218	482.7075	1270.216	0.279736	0.509529	290.8137	72.06513	1.132408	100	2
1564.122	1203.122	327.3149	16.43585	0.323514	1.085399	483.5101	1272.302	0.285517	0.50201	293.2123	72.80889	1.149104	100	2
1564.274	1203.274	327.32	16.37557	0.326442	1.053107	483.2044	1272.761	0.288373	0.51107	276.7678	67.95817	1.076501	100	1.7
1564.426	1203.426	327.3251	16.45171	0.32223	1.087562	481.927	1266.677	0.284326	0.495495	303.8467	76.28682	1.202869	100	2.2
1564.579	1203.579	327.3303	16.54858	0.317528	1.148188	480.37	1267.785	0.27981	0.478633	333.348	88.16132	1.382007	100	2.8
1564.731	1203.731	327.3354	16.6313	0.314091	1.171947	478.7082	1266.764	0.276519	0.480957	334.6837	88.81004	1.385293	100	2.9
1564.884	1203.884	327.3405	16.54667	0.313191	1.134158	477.1609	1268	0.275676	0.462889	360.7809	104.8546	1.643923	100	3.7
1565.036	1204.036	327.3456	16.55018	0.310125	1.12903	475.7723	1242.087	0.272745	0.488947	328.8663	86.07198	1.34918	100	2.8
1565.188	1204.188	327.3507	16.56877	0.305981	1.176536	474.406	1235.371	0.268778	0.494167	327.1363	85.29894	1.335585	100	2.8
1565.341	1204.341	327.3559	16.63397	0.303688	1.231582	473.0554	1226.166	0.266595	0.514516	302.0671	75.68248	1.1804	100	2.4
1565.493	1204.493	327.361	16.58607	0.30506	1.21902	471.889	1228.685	0.267941	0.512083	303.5683	76.19161	1.191778	100	2.4
1565.646	1204.646	327.3661	16.70073	0.307802	1.180407	471.3071	1234.069	0.270606	0.511389	300.8481	75.27403	1.169385	100	2.3
1565.798	1204.798	327.3712	16.67011	0.312755	1.10819	471.4681	1238.606	0.275405	0.49765	313.1844	79.63019	1.239339	100	2.4
1565.95	1204.95	327.3763	16.79964	0.319699	1.047611	472.7852	1253.637	0.28213	0.485967	320.0255	82.29402	1.270979	100	2.4
1566.103	1205.103	327.3815	16.7769	0.326772	0.98869	475.7378	1274.47	0.288992	0.475873	324.487	84.14826	1.301388	100	2.4
1566.255	1205.255	327.3866	16.87962	0.330084	0.98657	480.1288	1288.989	0.29222	0.486096	305.9241	77.00477	1.183711	100	2
1566.408	1205.408	327.3917	16.98278	0.326495	0.997685	484.8025	1306.007	0.288773	0.469087	334.1525	88.55056	1.352983	100	2.5
1566.56	1205.56	327.3968	16.86746	0.321922	1.022976	488.3997	1322.448	0.284378	0.451024	365.1466	108.4115	1.667734	100	3.6
1566.712	1205.712	327.4019	16.94156	0.324332	1.045178	490.2281	1338.409	0.286731	0.440787	376.026	118.9427	1.8218	100	4
1566.865	1205.865	327.4071	16.96109	0.331242	1.04622	490.2177	1351.054	0.293441	0.460033	340.2059	91.634	1.401934	100	2.7
1567.017	1206.017	327.4122	17.0328	0.336882	1.042036	488.7147	1349.566	0.298928	0.490073	291.1792	72.17756	1.099654	100	1.7
1567.17	1206.17	327.4173	17.1124	0.334341	1.086002	486.4115	1348.709	0.296491	0.520043	253.1825	61.81557	0.937442	100	1.2
1567.322	1206.322	327.4224	17.1414	0.327072	1.153326	483.3937	1355.738	0.28948	0.533877	243.7675	59.57017	0.901883	100	1.2
1567.474	1206.474	327.4275	17.20819	0.323387	1.186175	479.7727	1341.837	0.285943	0.511075	280.1149	68.90153	1.039148	100	1.7
1567.627	1206.627	327.4327	17.09732	0.32282	1.184725	476.7042	1356.281	0.285419	0.501846	293.575	72.92255	1.106895	100	1.9
1567.779	1206.779	327.4378	17.06069	0.326002	1.199703	477.0398	1360.835	0.28852	0.498111	294.4485	73.19766	1.113458	100	1.9
1567.932	1206.932	327.4429	17.06252	0.324661	1.230689	483.2983	1367.412	0.287248	0.517366	269.632	66.01166	1.004054	100	1.6
1568.084	1207.084	327.448	17.06499	0.32865	1.205181	493.1165	1373.253	0.291131	0.54705	223.3102	55.01933	0.836748	100	1
1568.236	1207.236	327.4531	17.05044	0.347862	1.026289	500.3562	1375.709	0.309779	0.572965	161.8126	43.47207	0.661705	100	0.3
1568.389	1207.389	327.4583	16.95643	0.365817	0.87334	500.3141	1374.792	0.327272	0.565455	148.037	41.24821	0.631326	100	0.1
1568.541	1207.541	327.4634	16.92368	0.355188	0.891474	493.0757	1373.757	0.31695	0.536503	202.2358	50.73485	0.77803	100	0.5
1568.694	1207.694	327.4685	16.94416	0.31685	1.161352	484.1419	1373.328	0.279827	0.481201	329.7804	86.48772	1.324731	100	2.6
1568.846	1207.846	327.4736	16.8997	0.285426	1.536839	478.701	1370.362	0.249627	0.45152	412.4169	186.5598	2.865052	100	8.7
1568.998	1207.998	327.4787	16.84873	0.279384	1.689974	477.6713	1366.748	0.243866	0.457846	411.638	184.2496	2.838135	100	8.8
1569.151	1208.151	327.4839	16.88303	0.289316	1.613974	479.4012	1367.994	0.253407	0.476637	372.5398	115.2743	1.772089	100	4.8
1569.303	1208.303	327.489	16.99146	0.2986	1.51799	481.5153	1364.829	0.262347	0.483996	350.0462	97.33897	1.48689	100	3.6
1569.456	1208.456	327.4941	16.93352	0.309976	1.382683	482.4227	1353.133	0.273322	0.491404	324.678	84.22992	1.291042	100	2.7
1569.608	1208.608	327.4992	17.02254	0.31882	1.225303	481.7516	1336.557	0.281879	0.498599	302.9406	75.97791	1.158515	100	2.1
1569.76	1208.76	327.5043	16.93854	0.31915	1.191623	480.3376	1342.795	0.282222	0.477942	330.9744	87.03859	1.333735	100	2.7
1569.913	1208.913	327.5095	16.85782	0.308403	1.280512	479.2793	1333.591	0.271882	0.471601	353.9936	99.9226	1.538482	100	3.5
1570.065	1209.065	327.5146	16.94538	0.299309	1.382207	479.1069	1336.709	0.263153	0.473377	363.588	107.1035	1.640584	100	4
1570.218	1209.218	327.5197	16.93705	0.297708	1.419665	479.4365	1346.693	0.26164	0.498146	331.4961	87.2822	1.33764	100	3.1
1570.37	1209.37	327.5248	16.94115	0.303385	1.356023	479.6355	1352.887	0.267124	0.514924	300.7745	75.24947	1.15297	100	2.3
1570.522	1209.522	327.5299	16.89695	0.307764	1.296629	479.4918	1357.306	0.271365	0.499365	316.3932	80.85455	1.242094	100	2.6
1570.675	1209.675	327.5351	16.80598	0.308821	1.295435	479.2527	1366.882	0.272408	0.479985	341.6977	92.43949	1.427735	100	3.1
1570.827	1209.827	327.5402	16.83293	0.30865	1.313342	479.1438	1365.102	0.272269	0.458889	371.0025	113.7503	1.754104	100	4.2
1570.98	1209.98	327.5453	16.77797	0.302147	1.426695	479.2161	1365.563	0.266032	0.466643	368.9081	111.7593	1.729048	100	4.3
1571.132	1210.132	327.5504	16.71681	0.290871	1.616502	479.4977	1367.951	0.255222	0.474321	373.2312	115.9778	1.800877	100	4.8
1571.284	1210.284	327.5555	16.6113	0.279305	1.836959	479.986	1364.832	0.244162	0.492111	363.9424	107.397	1.678217	100	4.7
1571.437	1210.437	327.5607	16.62405	0.280008	1.832242	480.5599	1364.291	0.24486	0.490892	364.6622	108.0002	1.686376	100	4.7
1571.589	1210.589	327.5658	16.46897	0.290748	1.654238	481.0132	1365.421	0.255178	0.464903	386.2886	131.778	2.077005	100	5.8
1571.742	1210.742	327.5709	16.37893	0.302565	1.449783	481.1742	1362.354	0.266559	0.450363	390.6482	138.3564	2.192683	100	5.8
1571.894	1210.894	327.576	16.3928	0.308493	1.336802	480.7096	1356.656	0.272291	0.426119	416.1941	198.5764	3.144439	100	8.7
1572.046	1211.046	327.5811	16.37794	0.309065	1.321793	479.5306	1338.126	0.272867	0.403448	446.6857	290.2746	4.600698	100	13.4
1572.199	1211.199	327.5863	16.38161	0.309703	1.316651	478.2151	1332.437	0.273506	0.391739	461.9618	330.2499	5.233185	100	15.5
1572.351	1211.351	327.5914	16.34258	0.309247	1.30379	477.6044	1323.639	0.273091	0.412417	433.9983	254.682	4.045403	100	11.6
1572.504	1211.504	327.5965	16.33469	0.310162	1.279085	478.1277	1327.904	0.273999	0.426852	412.8262	187.7959	2.984454	100	8.1
1572.656	1211.656	327.6016	16.22895	0.310872	1.245153	479.3239	1318.613	0.274707	0.449982	379.9286	123.4358	1.974433	100	4.8
1572.808	1211.808	327.6067	16.33674	0.310696	1.228783	480.3582	1338.907	0.274563	0.47365	347.4668	95.74878	1.521492	100	3.4
1572.961	1211.961	327.6119	16.44677	0.310133	1.238728	480.8719	1342.129	0.274045	0.497272	315.5824	80.54117	1.271308	100	2.6
1573.113	1212.113	327.617	16.46635	0.310177	1.278481	480.8677	1342.43	0.274112	0.505997	303.4486	76.15078	1.200598	100	2.4
1573.266	1212.266	327.6221	16.56791	0.308832	1.329446	480.2891	1339.347	0.27284	0.510443	299.0697	74.68581	1.170317	100	2.3
1573.418	1212.418	327.6272	16.66953	0.309193	1.338818	479.021	1341.365	0.273213	0.500988	311.6028	79.04184	1.231065	100	2.5
1573.57	1212.57	327.6324	16.66685	0.31025	1.329027	477.3816	1339.332	0.274257	0.487029	329.4253	86.32562	1.344743	100	2.9
1573.723	1212.723	327.6375	16.74169	0.312574	1.289486	476.2881	1337.583	0.276522	0.479533	336.6442	89.78561	1.39243	100	3
1573.875	1212.875	327.6426	16.87938	0.312267	1.276873	476.3953	1345.078	0.276251	0.450642	376.8878	119.8981	1.844343	100	4.4
1574.028	1213.028	327.6477	17.03129	0.310549	1.267217	477.3185	1342.018	0.274619	0.447237	383.839	128.4018	1.957645	100	4.8
1574.18	1213.18	327.6528	17.04989	0.31137	1.251722	478.0353	1344.048	0.275436	0.452422	375.5569	118.4311	1.803694	100	4.3
1574.332	1213.332	327.658	17.09078	0.314288	1.24693	477.901	1343.2	0.278274	0.474882	340.6438	91.86843	1.395837	100	2.9
1574.485	1213.485	327.6631	17.01487	0.316614	1.262	477.0648	1342.804	0.280543	0.477346	334.1135	88.53156	1.351125	100	2.8
1574.637	1213.637	327.6682	16.88888	0.314434	1.276332	476.1939	1339.627	0.278464	0.49119	317.878	81.43585	1.252078	100	2.5
1574.79	1213.79	327.6733	16.93067	0.310882	1.286363	475.7325	1338.701	0.275064	0.494419	318.114	81.52913	1.250449	100	2.5

1574.942	1213.942	327.6785	16.79323	0.30796	1.27464	475.9222	1340.497	0.272273	0.484046	336.2802	89.6023	1.385489	100	3
1575.094	1214.094	327.6836	16.80649	0.305987	1.283963	476.8963	1347.873	0.270397	0.460043	371.9929	114.7258	1.772595	100	4.3
1575.247	1214.247	327.6887	16.81801	0.302479	1.320116	478.3022	1343.621	0.267046	0.457921	379.5462	122.976	1.898796	100	4.8
1575.399	1214.399	327.6938	16.66568	0.30009	1.365739	479.708	1336.958	0.264773	0.442226	404.3415	165.0439	2.571583	100	7.1
1575.552	1214.552	327.6989	16.6082	0.299602	1.394422	480.7202	1338.403	0.264329	0.4384	410.2352	180.2241	2.817836	100	8
1575.704	1214.704	327.7041	16.54859	0.304076	1.345244	481.1925	1337.323	0.268657	0.438026	404.7779	166.0791	2.606039	100	7.1
1575.856	1214.856	327.7092	16.56699	0.308761	1.322158	481.4044	1340.927	0.273193	0.449443	382.7626	126.9849	1.990411	100	5
1576.009	1215.009	327.7143	16.58696	0.315284	1.305068	481.6892	1339.338	0.279507	0.452133	370.3362	113.1065	1.770771	100	4.1
1576.161	1215.161	327.7194	16.7206	0.319754	1.273572	482.295	1338.198	0.283847	0.449459	368.0368	110.9586	1.723326	100	3.9
1576.314	1215.314	327.7246	16.82101	0.319124	1.271802	483.0403	1337.908	0.283264	0.451606	365.8802	109.0427	1.683522	100	3.8
1576.466	1215.466	327.7297	16.91981	0.313799	1.299251	483.5507	1328.949	0.278149	0.451353	373.2877	116.0357	1.781095	100	4.2
1576.618	1215.618	327.7348	16.96532	0.310045	1.331252	483.7753	1324.459	0.274555	0.455092	373.0876	115.8307	1.773224	100	4.3
1576.771	1215.771	327.7399	16.97348	0.310109	1.313149	483.8347	1339.552	0.274641	0.489905	324.9269	84.33666	1.29049	100	2.7
1576.923	1215.923	327.745	17.13815	0.31124	1.312744	483.8528	1350.931	0.275755	0.477105	341.0526	92.08884	1.39566	100	3
1577.076	1216.076	327.7502	17.23748	0.311063	1.337648	483.871	1349.599	0.27561	0.493271	318.9448	81.8595	1.233538	100	2.5
1577.228	1216.228	327.7553	17.26631	0.314437	1.288364	483.8891	1352.346	0.278889	0.476864	337.0614	89.99692	1.353928	100	2.8
1577.38	1216.38	327.7604	17.39998	0.318186	1.193769	483.8853	1354.21	0.282531	0.454204	363.305	106.8706	1.59553	100	3.5
1577.533	1216.533	327.7655	17.47811	0.320502	1.142956	483.7414	1355.988	0.284793	0.435346	386.2094	131.6654	1.957007	100	4.6
1577.685	1216.685	327.7706	17.54897	0.319457	1.198905	483.2514	1361.482	0.283807	0.4319	392.3242	141.0991	2.088848	100	5
1577.838	1216.838	327.7758	17.55457	0.318646	1.318352	482.3359	1366.476	0.28305	0.440073	382.0907	126.1201	1.866531	100	4.4
1577.99	1216.99	327.7809	17.62509	0.315814	1.414618	481.3885	1308.048	0.280341	0.437219	389.7682	136.9657	2.019023	100	5
1578.142	1217.142	327.786	17.61859	0.312351	1.461729	481.1876		0.277025	0.429793	404.5905	165.6329	2.442534	100	6.4
1578.295	1217.295	327.7911	17.52798	0.309507	1.429031	482.0346		0.274308	0.435284	400.7636	157.0358	2.327664	100	6.1
1578.447	1217.447	327.7962	17.63979	0.309859	1.38958	483.4182		0.274673	0.428382	409.7848	178.9672	2.636095	100	7.1
1578.6	1217.6	327.8014	17.60291	0.310108	1.388539	484.332		0.274937	0.433676	402.1146	159.9621	2.361088	100	6.2
1578.752	1217.752	327.8065	17.56787	0.307736	1.441875	484.4295		0.272676	0.451338	380.8614	124.5758	1.842439	100	4.6
1578.904	1217.904	327.8116	17.6317	0.298148	1.580252	484.5748		0.263475	0.469377	368.6641	111.5335	1.643644	100	4.2
1579.057	1218.057	327.8167	17.69591	0.292879	1.67801	486.2442		0.258438	0.47248	371.3329	114.0732	1.675045	100	4.4
1579.209	1218.209	327.8218	17.61308	0.291216	1.693215	489.7365		0.256866	0.477757	366.221	109.3393	1.613043	100	4.2
1579.362	1218.362	327.827	17.61464	0.298342	1.580137	491.9077		0.263736	0.472652	363.7843	107.2658	1.582334	100	4
1579.514	1218.514	327.8321	17.75433	0.304878	1.490963	489.9221		0.270047	0.467225	362.5649	106.2683	1.55541	100	3.7
1579.666	1218.666	327.8372	17.73301	0.308136	1.471916	484.9862		0.27321	0.447625	385.2483	130.3176	1.909709	100	4.8
1579.819	1218.819	327.8423	17.83085	0.308713	1.494112	484.3502		0.273791	0.453372	376.5155	119.4829	1.741435	100	4.3
1579.971	1218.971	327.8474	17.92709	0.311213	1.428159	491.0308		0.276224	0.436585	396.3232	148.1796	2.148225	100	5.5
1580.124	1219.124	327.8526	17.8934	0.319429	1.257303	499.7915		0.284176	0.443587	375.6865	118.5718	1.722217	100	3.9
1580.276	1219.276	327.8577	17.88609	0.327327	1.093521	504.6939		0.291834	0.458724	344.2301	93.85257	1.363748	100	2.6
1580.428	1219.428	327.8628	17.87835	0.329693	1.016532	503.4481		0.294147	0.49232	294.6749	73.26924	1.065128	100	1.7
1580.581	1219.581	327.8679	17.87357	0.327447	1.120283	500.262		0.291999	0.51128	271.474	66.5061	0.96708	100	1.4
1580.733	1219.733	327.873	17.87535	0.323041	1.34764	498.4286		0.287764	0.521029	263.8652	64.49742	0.937791	100	1.5
1580.886	1219.886	327.8782	17.96097	0.320697	1.507185	497.7958	1406.439	0.285524	0.500458	295.3448	73.48193	1.063395	100	1.9
1581.038	1220.038	327.8833	18.04956	0.323391	1.480655	497.2233	1408.606	0.288152	0.48298	315.8383	80.63976	1.161325	100	2.2
1581.19	1220.19	327.8884	18.0833	0.329258	1.344597	495.825	1414.266	0.293851	0.478734	313.8333	79.87439	1.148193	100	2.1
1581.343	1220.343	327.8935	18.15969	0.332797	1.231582	493.7029	1418.505	0.2973	0.477203	311.1853	78.88815	1.129311	100	1.9
1581.495	1220.495	327.8986	18.16197	0.333736	1.157018	491.355	1427.638	0.298235	0.484203	300.2351	75.07026	1.074537	100	1.7
1581.648	1220.648	327.9038	18.03503	0.33309	1.137769	489.2678	1426.068	0.297634	0.484713	300.3617	75.11224	1.08264	100	1.7
1581.8	1220.8	327.9089	17.93074	0.330611	1.181793	487.933	1425.887	0.295258	0.49237	293.0736	72.76551	1.054869	100	1.7
1581.952	1220.952	327.914	17.95949	0.326006	1.24431	487.5828	1421.381	0.290828	0.482199	313.2223	79.64442	1.152776	100	2.1
1582.105	1221.105	327.9191	18.06141	0.322279	1.275895	488.1535	1417.016	0.28725	0.493006	303.2463	76.08184	1.095074	100	1.9
1582.257	1221.257	327.9242	18.02395	0.321561	1.235836	489.3116	1415.312	0.286581	0.518188	269.4195	65.95496	0.951279	100	1.5
1582.41	1221.41	327.9294	17.91948	0.323904	1.196005	490.7144	1417.512	0.28887	0.534263	244.0765	59.64224	0.865207	100	1.2
1582.562	1221.562	327.9345	17.9213	0.326353	1.170342	491.8218	1418.66	0.291262	0.531485	244.6096	59.76683	0.866939	100	1.1
1582.714	1221.714	327.9396	17.8831	0.326412	1.157837	492.1385	1421.353	0.291344	0.558352	207.4197	51.75415	0.752311	100	0.8
1582.867	1221.867	327.9447	17.85286	0.323978	1.204954	491.5246	1416.799	0.289016	0.568094	197.189	49.76298	0.72459	100	0.7
1583.019	1222.019	327.9498	17.79559	0.322489	1.253985	489.4181	1395.156	0.287601	0.566261	201.67	50.6249	0.739501	100	0.8
1583.172	1222.172	327.955	17.7249	0.324557	1.288307	484.9428	1389.929	0.289625	0.566705	198.2654	49.9686	0.73281	100	0.8
1583.324	1222.324	327.9601	17.73951	0.328123	1.228784	478.5143	1387.032	0.293098	0.558533	204.7502	51.22655	0.750655	100	0.8
1583.476	1222.476	327.9652	17.6297	0.331218	1.163564	472.4162	1376.594	0.296118	0.535432	232.4613	57.00326	0.840476	100	1
1583.629	1222.629	327.9703	17.67003	0.330584	1.123945	469.7731	1366.029	0.295529	0.515757	260.4257	63.61723	0.935883	100	1.3
1583.781	1222.781	327.9754	17.58604	0.323966	1.149375	472.0523	1358.025	0.289152	0.499196	292.0803	72.45616	1.070978	100	1.8
1583.934	1222.934	327.9806	17.52361	0.312769	1.20099	477.7771	1357.555	0.278367	0.454125	369.1613	111.995	1.661279	100	3.8
1584.086	1223.086	327.9857	17.45903	0.304488	1.243089	484.2163	1367.135	0.270413	0.423895	421.8559	218.3966	3.251529	100	9.2
1584.238	1223.238	327.9908	17.43344	0.304074	1.288475	488.979	1386.47	0.270039	0.451367	384.4603	129.2377	1.926946	100	4.9
1584.391	1223.391	327.9959	17.50206	0.310412	1.316868	491.3693	1368.735	0.276168	0.482407	333.1665	88.07414	1.308098	100	2.8
1584.543	1223.543	328.001	17.56723	0.317222	1.333063	492.2289	1386.614	0.282761	0.492189	310.5698	78.66273	1.164031	100	2.2
1584.696	1223.696	328.0062	17.5477	0.324104	1.297946	492.5043	1418.971	0.289433	0.481158	316.5846	80.92894	1.198905	100	2.2
1584.848	1223.848	328.0113	17.4469	0.329472	1.241526	492.6494	1427.583	0.29465	0.477507	314.4235	80.09799	1.193417	100	2.1
1585	1224	328.0164	17.43162	0.333897	1.180671	492.6232	1422.152	0.298958	0.454576	340.1236	91.59014	1.36585	100	2.6
1585.153	1224.153	328.0215	17.37207	0.333499	1.151255	492.527	1415.045	0.298597	0.469248	320.3728	82.43485	1.233523	100	2.2
1585.305	1224.305	328.0266	17.24294	0.327695	1.188335	492.7641	1387.856	0.293004	0.460814	339.7312	91.38167	1.377595	100	2.7
1585.458	1224.458	328.0318	17.40714	0.320987	1.210993	493.7096	1391.675	0.286545	0.499458	295.3163	73.47284	1.097248	100	1.9
1585.61	1224.61	328.0369	17.5752	0.316538	1.226939	495.5187	1401.012	0.282273	0.50668	291.2438	72.19746	1.067979	100	1.9
1585.762	1224.762	328.042	17.74629	0.318942	1.187484	497.5217	1403.382	0.284619	0.523152	265.2767	64.86347	0.950327	100	1.5
1585.915	1224.915	328.0471	17.91686	0.323334	1.184773	498.502	1401.163	0.288886	0.483574	314.0051	79.93933	1.160171	100	2.1
1586.067	1225.067	328.0523	17.92843	0.326333	1.197453	497.7389	1389.95	0.29181	0.46813	331.282	87.18199	1.264493	100	2.4
1586.22	1225.22	328.0574	17.83778	0.326748	1.18067	495.1753	1390.593	0.292236	0.445094	362.4856	106.2043	1.54817	100	3.2
1586.372	1225.372	328.0625	17.73102	0.327426	1.148993	491.1824	1390.247	0.292916	0.464216	335.1587	89.0438	1.305782	100	2.5
1586.524	1225.524	328.0676	17.64834	0.326768	1.132157	486.7261	1378.129	0.292305	0.46106	340.3567	91.71457	1.351214	100	2.6
1586.677	1225.677	328.0727	17.69887	0.3247	1.169797	482.8667	1367.738	0.290329	0.466546	335.5119	89.21873	1.310739	100	2.5
1586.829	1225.829	328.0779	17.58017	0.318618	1.231878	480.4363	1365.272	0.284478	0.467532	342.2261	92.72949	1.37146	100	2.8
1586.982	1225.982	328.083	17.60392	0.314404	1.243895	479.4955	1347.289	0.280436	0.438095	388.4268	134.9085	1.992639	100	4.9

1587.134	1226.134	328.0881	17.61837	0.310368	1.219608	479.831	1340.04	0.276569	0.412036	429.7248	242.1687	3.574041	100	10
1587.286	1226.286	328.0932	17.56309	0.308028	1.190516	480.8655	1330.9	0.274339	0.406317	440.6943	273.7501	4.052807	100	11.7
1587.439	1226.439	328.0984	17.46355	0.304899	1.1932	481.4997	1326.097	0.27135	0.446675	389.1256	135.971	2.024438	100	5.1
1587.591	1226.591	328.1035	17.39042	0.303419	1.22664	480.7461	1316.664	0.26995	0.486766	335.7321	89.32818	1.335558	100	2.9
1587.744	1226.744	328.1086	17.42947	0.303458	1.281482	478.4904	1299.902	0.270012	0.48501	338.0703	90.51352	1.350286	100	3
1587.896	1226.896	328.1137	17.41795	0.303156	1.354073	475.5805	1299.839	0.269746	0.466215	364.3737	107.7573	1.608608	100	3.9
1588.048	1227.048	328.1188	17.33871	0.299699	1.405842	472.6357	1294.971	0.266446	0.430671	417.979	204.7595	3.070583	100	8.8
1588.201	1227.201	328.124	17.3101	0.29369	1.409503	469.0399	1277.097	0.260696	0.423361	436.0011	260.4533	3.912237	100	11.9
1588.353	1227.353	328.1291	17.31854	0.290825	1.368354	465.1265	1282.131	0.25797	0.396551	476.7607	366.2502	5.498808	100	17.5
1588.506	1227.506	328.1342	17.46825	0.289186	1.333603	462.601	1295.931	0.256422	0.373509	510.6947	440.015	6.550137	100	21.3
1588.658	1227.658	328.1393	17.58497	0.278417	1.415848	462.9144	1266.29	0.246129	0.360282	543.1524	501.0364	7.40946	100	25.3
1588.81	1227.81	328.1444	17.69971	0.261173	1.632871	466.375	1266.976	0.229689	0.382386	535.3365	487.085	7.156907	100	26.2
1588.963	1227.963	328.1496	17.65267	0.248983	1.894494	471.3756	1283.255	0.218118	0.390993	539.4272	494.4419	7.284306	100	28.1
1589.115	1228.115	328.1547	17.71494	0.261893	1.766364	475.8715	1303.274	0.230424	0.415858	488.131	392.2493	5.758692	100	20.8
1589.268	1228.268	328.1598	17.7772	0.285487	1.456573	479.3542	1315.517	0.252999	0.435743	429.5366	241.6112	3.534871	100	11
1589.42	1228.42	328.1649	17.75982	0.308553	1.199911	482.3384	1329.6	0.275189	0.448352	381.5129	125.3882	1.836286	100	4.5
1589.572	1228.572	328.17	17.84053	0.317773	1.14274	484.9479	1349.412	0.284105	0.487536	315.1354	80.36958	1.171733	100	2.2
1589.725	1228.725	328.1752	17.82559	0.320662	1.166769	487.0269	1353.917	0.286919	0.499042	295.373	73.49089	1.072351	100	1.8
1589.877	1228.877	328.1803	17.7444	0.322789	1.185122	488.3978	1364.41	0.288998	0.501892	288.5708	71.38174	1.046314	100	1.7
1590.03	1229.03	328.1854	17.70998	0.327112	1.192656	489.1336	1386.69	0.293203	0.488343	301.4667	75.48074	1.108544	100	1.9
1590.182	1229.182	328.1905	17.71249	0.331807	1.186539	489.4565	1390.515	0.297771	0.478925	308.1601	77.79339	1.142364	100	1.9
1590.334	1229.334	328.1956	17.73445	0.331593	1.203792	489.8018	1392.834	0.297588	0.466918	324.9819	84.36026	1.23729	100	2.2
1590.487	1229.487	328.2008	17.71823	0.32794	1.202397	490.4328	1397.526	0.294077	0.474357	319.5609	82.10659	1.205346	100	2.2
1590.639	1229.639	328.2059	17.88783	0.323812	1.185736	491.1844	1397.234	0.29011	0.484157	311.5117	79.00825	1.148974	100	2
1590.792	1229.792	328.211	17.88111	0.322172	1.178739	491.2248	1391.323	0.28855	0.492526	302.1151	75.69866	1.101269	100	1.9
1590.944	1229.944	328.2161	17.86567	0.322406	1.206497	490.0836	1384.32	0.288801	0.499704	291.8637	72.389	1.054036	100	1.8
1591.096	1230.096	328.2212	17.8496	0.32363	1.247251	488.476	1386.974	0.290008	0.507813	279.0067	68.58694	0.999579	100	1.6
1591.249	1230.249	328.2264	17.83255	0.325626	1.247893	487.4428	1389.629	0.291962	0.504411	281.0053	69.15597	1.008841	100	1.6
1591.401	1230.401	328.2315	17.9704	0.326169	1.230648	487.4355	1379.796	0.292512	0.495268	292.8637	72.69994	1.052492	100	1.7
1591.554	1230.554	328.2366	18.04981	0.323795	1.202877	488.2921	1379.413	0.290241	0.469773	331.1801	87.13444	1.255984	100	2.4
1591.706	1230.706	328.2417	18.1431	0.320292	1.18552	489.412	1377.048	0.286882	0.454599	356.757	101.8506	1.460653	100	3.1
1591.858	1230.858	328.2468	18.17434	0.318946	1.183993	489.7541	1378.149	0.285606	0.447087	368.8844	111.7372	1.599734	100	3.5
1592.011	1231.011	328.252	18.0699	0.321872	1.183955	488.6384	1375.064	0.288457	0.480142	319.3337	82.01524	1.180939	100	2.2
1592.163	1231.163	328.2571	18.13605	0.324119	1.194454	486.5955	1369.414	0.290653	0.484955	309.6611	78.33246	1.123853	100	2
1592.316	1231.316	328.2622	18.19339	0.323958	1.214281	485.0163	1369.823	0.290521	0.477188	320.5608	82.51129	1.180131	100	2.2
1592.468	1231.468	328.2673	18.16147	0.321855	1.23645	484.7168	1372.077	0.288513	0.444549	368.374	111.2666	1.594197	100	3.5
1592.62	1231.62	328.2724	18.21478	0.320648	1.215954	485.4622	1378.343	0.287372	0.433329	385.4319	130.5726	1.865414	100	4.3
1592.773	1231.773	328.2776	18.23282	0.320877	1.184034	486.3757	1385.162	0.287618	0.444547	369.6117	112.4176	1.604493	100	3.5
1592.925	1231.925	328.2827	18.35474	0.322201	1.142291	487.0447	1388.397	0.288922	0.460302	346.0718	94.91859	1.345856	100	2.7
1593.078	1232.078	328.2878	18.29352	0.322972	1.17358	487.698	1391.28	0.289691	0.489832	304.258	76.42786	1.087275	100	1.9
1593.23	1232.23	328.2929	18.31081	0.32325	1.19613	488.3608	1392.289	0.289984	0.511729	273.6361	67.09344	0.953603	100	1.5
1593.382	1232.382	328.298	18.33211	0.322059	1.238974	488.5377	1394.06	0.288859	0.510997	276.2001	67.80015	0.962553	100	1.5
1593.535	1232.535	328.3032	18.35505	0.321392	1.254599	487.7396	1396.748	0.288238	0.489055	307.3355	77.50061	1.098925	100	2
1593.687	1232.687	328.3083	18.37777	0.319262	1.27942	486.2047	1395.388	0.286206	0.479215	323.7197	83.82215	1.187124	100	2.3
1593.84	1232.84	328.3134	18.28082	0.316191	1.305992	484.0634	1389.633	0.283266	0.481978	323.9642	83.92575	1.194839	100	2.3
1593.992	1232.992	328.3185	18.18999	0.313059	1.332126	481.5632	1387.013	0.280268	0.485944	322.6265	83.36281	1.192703	100	2.4
1594.144	1233.144	328.3236	18.09355	0.311358	1.330347	479.3044	1380.222	0.278653	0.497765	308.5436	77.93036	1.120876	100	2.2
1594.297	1233.297	328.3288	18.09611	0.307251	1.351379	477.9569	1368.536	0.27472	0.4955	317.0965	81.12871	1.16673	100	2.4
1594.449	1233.449	328.3339	18.01105	0.299253	1.42398	478.2861	1364.453	0.267048	0.510411	307.107	77.41988	1.118614	100	2.3
1594.602	1233.602	328.339	18.05904	0.293139	1.466972	480.3208	1363.982	0.261198	0.502681	325.8471	84.73413	1.221089	100	2.8
1594.754	1233.754	328.3441	18.08183	0.297099	1.385183	483.0318	1366.5	0.265026	0.481784	349.4015	96.93458	1.395182	100	3.3
1594.906	1233.906	328.3492	18.05867	0.308082	1.256385	485.0697	1372.132	0.275618	0.462495	361.4046	105.3429	1.518149	100	3.5
1595.059	1234.059	328.3544	17.99094	0.319816	1.160155	485.6371	1379.195	0.286961	0.47084	334.2341	88.59027	1.281496	100	2.5
1595.211	1234.211	328.3595	18.01086	0.322689	1.170424	484.8295	1380.774	0.289761	0.45309	354.8658	100.5199	1.452489	100	3
1595.364	1234.364	328.3646	18.07372	0.319043	1.244313	483.5138	1388.142	0.286263	0.441299	375.9639	118.8746	1.711817	100	3.9
1595.516	1234.516	328.3697	18.16434	0.31549	1.275197	482.4236	1389.688	0.282858	0.420821	408.9226	176.6083	2.530665	100	6.6
1595.668	1234.668	328.3748	18.24943	0.316817	1.260255	482.0606	1396.168	0.284163	0.456309	358.1484	102.8617	1.467151	100	3.2
1595.821	1234.821	328.38	18.27131	0.321921	1.214807	482.6312	1394.358	0.289117	0.460488	345.5452	94.61036	1.347878	100	2.7
1595.973	1234.973	328.3851	18.15235	0.322499	1.228738	483.64	1387.7	0.2897	0.476957	322.0139	83.10809	1.191703	100	2.2
1596.126	1235.126	328.3902	18.00249	0.313927	1.300545	484.7602	1380.195	0.281449	0.472606	339.4045	91.20914	1.318662	100	2.7
1596.278	1235.278	328.3953	17.88871	0.304126	1.343156	485.9118	1380.578	0.272029	0.480692	341.2446	92.19281	1.341302	100	3
1596.43	1235.43	328.4004	17.76561	0.3004	1.353448	487.0923	1378.315	0.268469	0.477871	350.0504	97.34158	1.425959	100	3.3
1596.583	1235.583	328.4056	17.68277	0.313356	1.188183	488.2726	1384.407	0.280972	0.482096	326.9662	85.22385	1.254265	100	2.5
1596.735	1235.735	328.4107	17.67344	0.328993	1.029965	489.2878	1390.659	0.296101	0.457362	340.2211	91.6421	1.349449	100	2.5
1596.888	1235.888	328.4158	17.71642	0.336896	0.983886	489.8807	1392.418	0.303779	0.42549	373.6082	116.3663	1.709416	100	3.5
1597.04	1236.04	328.4209	17.71885	0.332323	1.052507	489.9559	1399.231	0.299373	0.450939	344.5694	94.04648	1.381369	100	2.6
1597.192	1236.192	328.4261	17.76415	0.322913	1.169364	489.647	1403.038	0.290295	0.465945	336.3882	89.65661	1.313576	100	2.6
1597.345	1236.345	328.4312	17.82488	0.320286	1.185348	489.1379	1404.541	0.287782	0.457984	350.842	97.84464	1.428716	100	3
1597.497	1236.497	328.4363	17.75604	0.323419	1.148805	488.5525	1403.482	0.290834	0.46481	337.2113	90.07315	1.320312	100	2.6
1597.65	1236.65	328.4414	17.76175	0.328435	1.106981	487.6433	1405.021	0.295709	0.48988	295.8873	73.65497	1.079321	100	1.8
1597.802	1236.802	328.4465	17.77167	0.32634	1.122827	486.0703	1409.404	0.293706	0.495168	291.354	72.23147	1.057889	100	1.7
1597.954	1236.954	328.4517	17.82777	0.321908	1.167531	484.11	1409.013	0.289447	0.478629	320.0547	82.30586	1.201691	100	2.2
1598.107	1237.107	328.4568	17.93577	0.318949	1.19776	482.772	1405.419	0.286613	0.485058	315.0936	80.35357	1.166199	100	2.2
1598.259	1237.259	328.4619	17.81372	0.320101	1.189957	482.7233	1399.604	0.28775	0.453306	357.3424	102.2726	1.494419	100	3.2
1598.412	1237.412	328.467	17.82155	0.320415	1.163721	483.6465	1407.691	0.288078	0.456266	352.8061	99.12517	1.447816	100	3
1598.564	1237.564	328.4722	17.80517	0.318973	1.137327	484.4045	1406.341	0.28671	0.484259	316.0624	80.72635	1.180176	100	2.2
1598.716	1237.716	328.4773	17.79056	0.317748	1.137614	484.3147	1399.083	0.285552	0.525021	261.4091	63.8672	0.934477	100	1.4
1598.869	1237.869	328.4824	17.76348	0.313236	1.222757	484.158	1395.997	0.281222	0.521224	272.6238	66.8175	0.979136	100	1.6
1599.021	1238.021	328.4875	17.71045	0.30281	1.354441	484.9637	1401.185	0.271203	0.505846	307.6725	77.61999	1.140828	100	2.3
1599.174	1238.174	328.4926	17.77202	0.290892	1.519134	486.7474	1402.755	0.259775	0.464804	380.0813	123.6205	1.810704	100	4.9

1599.326	1238.326	328.4978	17.74345	0.286372	1.514935	488.5565	1407.076	0.255465	0.460163	392.4334	141.2821	2.072732	100	5.9
1599.478	1238.478	328.5029	17.71694	0.295292	1.403094	489.397	1416.165	0.264049	0.474588	360.6814	104.7773	1.539477	100	3.8
1599.631	1238.631	328.508	17.73734	0.305072	1.306346	489.161	1426.133	0.273478	0.478514	342.251	92.74326	1.361126	100	3
1599.783	1238.783	328.5131	17.86979	0.313313	1.229717	488.455	1427.184	0.281443	0.456035	362.2805	106.0394	1.544844	100	3.4
1599.936	1238.936	328.5182	17.87165	0.315284	1.21192	487.7681	1423.319	0.283369	0.443234	377.2877	120.3483	1.753147	100	4.1
1600.088	1239.088	328.5234	17.94951	0.315646	1.209055	487.0526	1425.676	0.283743	0.462222	350.5686	97.67008	1.416688	100	3
1600.24	1239.24	328.5285	17.88859	0.313094	1.244342	486.118	1423.343	0.281305	0.445348	377.2183	120.2698	1.750406	100	4.1
1600.393	1239.393	328.5336	17.87212	0.310109	1.295855	485.2024	1421.397	0.278452	0.430482	401.6705	158.9876	2.316047	100	6
1600.545	1239.545	328.5387	17.85334	0.307975	1.29374	484.7536	1418.301	0.276421	0.434669	398.6972	152.7747	2.227893	100	5.8
1600.698	1239.698	328.5439	17.71625	0.306148	1.295673	484.9558	1418.961	0.274686	0.41593	426.9505	233.8972	3.437115	100	9.8
1600.85	1239.85	328.549	17.68789	0.305639	1.28271	485.8599	1420.444	0.27422	0.408711	437.5558	264.893	3.898844	100	11.3
1601.002	1240.002	328.5541	17.68711	0.305056	1.285771	487.2784	1419.578	0.273683	0.395311	456.7886	317.0469	4.66674	100	13.9
1601.155	1240.155	328.5592	17.79425	0.305437	1.288349	488.4619	1419.63	0.274074	0.411272	434.2228	255.3319	3.73593	100	10.8
1601.307	1240.307	328.5643	17.91435	0.307185	1.301077	488.6609	1417.117	0.275782	0.412953	429.5471	241.6423	3.512171	100	10
1601.46	1240.46	328.5695	17.97694	0.311328	1.337899	487.4247	1409.051	0.279798	0.470429	344.6866	94.11369	1.363202	100	2.9
1601.612	1240.612	328.5746	18.11407	0.315557	1.413443	485.874	1402.653	0.283901	0.516996	274.761	67.40213	0.968986	100	1.7
1601.764	1240.764	328.5797	18.08935	0.317005	1.444836	484.8694	1395.342	0.285323	0.533366	250.209	61.09513	0.879515	100	1.4
1601.917	1240.917	328.5848	18.19875	0.315636	1.405137	483.7982	1382.206	0.284026	0.515756	276.3004	67.82804	0.970642	100	1.7
1602.069	1241.069	328.5899	18.10794	0.311779	1.342205	482.2982	1375.671	0.28033	0.503528	298.2757	74.42604	1.070364	100	2
1602.222	1241.222	328.5951	18.04275	0.306884	1.341247	480.2712	1365.977	0.275638	0.467549	354.4019	100.201	1.446225	100	3.3
1602.374	1241.374	328.6002	18.04528	0.299488	1.420377	477.8154	1360.545	0.268546	0.434484	409.819	179.0621	2.58412	100	7.2
1602.526	1241.526	328.6053	18.04781	0.293503	1.464941	475.7916	1354.657	0.262819	0.414134	445.8042	287.8743	4.153912	100	12.8
1602.679	1241.679	328.6104	17.99138	0.290799	1.429947	475.184	1349.434	0.260248	0.459718	386.4475	132.0045	1.910717	100	5.2
1602.831	1241.831	328.6155	18.01962	0.293807	1.361872	476.6691	1355.095	0.26316	0.464143	376.3228	119.2695	1.723725	100	4.4
1602.984	1241.984	328.6207	18.04876	0.29762	1.387753	480.0853	1360.486	0.266848	0.470326	362.7007	106.3781	1.534975	100	3.7
1603.136	1242.136	328.6258	18.0337	0.302519	1.392309	483.7678	1370.334	0.271583	0.471284	354.844	100.5049	1.451446	100	3.4
1603.288	1242.288	328.6309	17.98201	0.306504	1.333638	486.1519	1371.697	0.275443	0.520722	281.292	69.23824	1.002769	100	1.8
1603.441	1242.441	328.636	17.89104	0.310908	1.275547	486.297	1371.911	0.279711	0.535707	254.7226	62.19299	0.905285	100	1.4
1603.593	1242.593	328.6411	18.01792	0.314656	1.270783	484.327	1368.089	0.28335	0.541394	241.8531	59.12601	0.854646	100	1.3
1603.746	1242.746	328.6463	18.01091	0.317874	1.31901	481.3854	1362.213	0.286479	0.532474	249.8453	61.00772	0.882197	100	1.3
1603.898	1242.898	328.6514	18.0051	0.317664	1.32585	478.3324	1358.137	0.286301	0.510189	280.8441	69.1098	0.999689	100	1.7
1604.05	1243.05	328.6565	18.00134	0.31289	1.338839	476.0387	1343.487	0.281719	0.466933	346.8591	95.38467	1.380065	100	3
1604.203	1243.203	328.6616	18.14019	0.307201	1.368267	474.9135	1333	0.276261	0.452229	374.6846	117.4949	1.687098	100	4.1
1604.355	1243.355	328.6667	18.30691	0.305917	1.330429	474.8266	1330.483	0.275049	0.431543	404.9036	166.3798	2.367529	100	6.3
1604.508	1243.508	328.6719	18.22427	0.306393	1.248993	475.3591	1327.721	0.275531	0.430953	405.0525	166.7374	2.383295	100	6.3
1604.66	1243.66	328.677	18.22991	0.305213	1.189071	476.0632	1325.539	0.27442	0.434071	402.2832	160.3355	2.291116	100	6
1604.812	1243.812	328.6821	18.24368	0.302071	1.216209	477.1927	1325.923	0.27142	0.458819	372.2707	115.0035	1.642138	100	4
1604.965	1243.965	328.6872	18.16406	0.300581	1.255004	478.7128	1330.684	0.270011	0.467753	361.8866	105.7246	1.516214	100	3.6
1605.117	1244.117	328.6923	18.16644	0.300692	1.270636	480.0742	1333.667	0.270142	0.476214	350.0293	97.32826	1.395638	100	3.2
1605.27	1244.27	328.6975	18.03259	0.302698	1.238544	480.3176	1333.61	0.272096	0.482731	338.3382	90.65203	1.309478	100	2.9
1605.422	1244.422	328.7026	18.03209	0.306388	1.196871	479.0177	1332.537	0.275673	0.499463	310.312	78.56873	1.134979	100	2.2
1605.574	1244.574	328.7077	18.14044	0.310045	1.175519	476.7303	1330.062	0.27922	0.504557	298.3877	74.4626	1.069314	100	1.9
1605.727	1244.727	328.7128	18.24955	0.309014	1.204214	474.5316	1324.729	0.278251	0.494042	314.2364	80.02695	1.142433	100	2.2
1605.879	1244.879	328.7179	18.36359	0.305114	1.250943	473.4064	1323.742	0.274519	0.493208	320.5359	82.50118	1.170533	100	2.4
1606.032	1245.032	328.7231	18.41222	0.300316	1.275138	473.8692	1321.561	0.269927	0.470019	358.8748	103.401	1.463248	100	3.4
1606.184	1245.184	328.7282	18.39022	0.296695	1.28296	475.9163	1320.759	0.26647	0.460918	376.2051	119.1396	1.687986	100	4.2
1606.336	1245.336	328.7333	18.2947	0.295619	1.259023	479.1037	1320.964	0.265461	0.446661	397.2722	149.9795	2.135931	100	5.8
1606.489	1245.489	328.7384	18.29682	0.297102	1.219347	482.707	1325.307	0.26691	0.45615	382.1779	126.2315	1.797542	100	4.6
1606.641	1245.641	328.7435	18.30923	0.300703	1.189708	485.8213	1329.417	0.270396	0.451096	384.3415	129.0768	1.836851	100	4.6
1606.794	1245.794	328.7487	18.4137	0.301561	1.21361	487.6908	1332.024	0.271246	0.435836	404.2277	164.776	2.331745	100	6.3
1606.946	1245.946	328.7538	18.24062	0.30085	1.244526	488.3058	1337.304	0.270587	0.429495	413.887	191.0723	2.72928	100	7.6
1607.098	1246.098	328.7589	18.24611	0.300251	1.295811	487.4696	1340.384	0.270035	0.416052	433.1998	252.3646	3.603756	100	10.6
1607.251	1246.251	328.764	18.24846	0.301687	1.338478	485.3314	1342.712	0.27144	0.440349	397.7308	150.8667	2.154124	100	5.7
1607.403	1246.403	328.7691	18.37807	0.305703	1.318911	482.669	1350.889	0.27533	0.421829	417.9213	204.5543	2.90035	100	8.1
1607.556	1246.556	328.7743	18.51187	0.308499	1.25914	480.6834	1350.526	0.278047	0.417783	419.755	211.2616	2.974084	100	8.2
1607.708	1246.708	328.7794	18.62353	0.304642	1.260503	480.2344	1349.273	0.274357	0.425992	413.518	189.9205	2.657845	100	7.3
1607.86	1246.86	328.7845	18.73583	0.294815	1.350464	480.9163	1350.327	0.264932	0.428346	423.2768	222.7608	3.099018	100	9.1
1608.013	1247.013	328.7896	18.84872	0.28521	1.464113	481.7917	1352.162	0.25574	0.442077	417.013	201.3708	2.784921	100	8.4
1608.165	1247.165	328.7947	18.72635	0.282451	1.540242	482.1526	1349.731	0.253122	0.436131	428.8313	239.5175	3.333887	100	10.5
1608.318	1247.318	328.7999	18.51033	0.286196	1.563027	481.8118	1335.337	0.256735	0.449285	405.6928	168.2933	2.369538	100	6.9
1608.47	1247.47	328.805	18.65454	0.291468	1.557287	480.6072	1351.269	0.261816	0.453345	393.0785	142.3752	1.98933	100	5.5
1608.622	1247.622	328.8101	18.76667	0.297974	1.510137	478.6183	1358.117	0.268089	0.481628	345.3918	94.52106	1.312916	100	3.1
1608.775	1247.775	328.8152	18.86662	0.301664	1.45027	476.6928	1356.972	0.271661	0.482866	338.7529	90.86759	1.255587	100	2.8
1608.927	1247.927	328.8203	18.86901	0.303218	1.400134	475.4341	1355.049	0.273181	0.478007	343.3608	93.36083	1.289893	100	2.9
1609.08	1248.08	328.8255	18.82926	0.302901	1.364107	474.6805	1346.32	0.2729	0.450366	381.8936	125.8693	1.742682	100	4.3
1609.232	1248.232	328.8306	18.8236	0.302418	1.355077	474.2189	1339.584	0.27246	0.449915	383.1222	127.4539	1.765167	100	4.4
1609.384	1248.384	328.8357	18.81873	0.303433	1.34784	473.4525	1331.648	0.27346	0.437925	398.2884	151.9613	2.105146	100	5.5
1609.537	1248.537	328.8408	18.81026	0.305079	1.313643	472.0479	1326.377	0.275069	0.433273	402.488	160.7914	2.228489	100	5.9
1609.689	1248.689	328.846	18.80288	0.308023	1.278066	470.2082	1321.81	0.277929	0.426081	408.4665	175.385	2.431722	100	6.5
1609.842	1248.842	328.8511	18.93204	0.310285	1.239152	468.5971	1312.609	0.280133	0.445857	378.1341	121.3158	1.670751	100	3.9
1609.994	1248.994	328.8562	19.06024	0.310315	1.218896	468.0085	1302.875	0.280186	0.45119	370.701	113.4577	1.552187	100	3.5
1610.146	1249.146	328.8613	19.1846	0.307779	1.203087	468.4267	1301.726	0.277766	0.451612	373.4574	116.2104	1.579714	100	3.7
1610.299	1249.299	328.8664	19.35789	0.305659	1.192814	468.7623	1295.52	0.275749	0.465983	356.4107	101.6032	1.368994	100	3
1610.451	1249.451	328.8716	19.34143	0.30436	1.183514	468.2467	1293.841	0.274523	0.456648	370.9843	113.7325	1.533727	100	3.6
1610.604	1249.604	328.8767	19.35587	0.299445	1.2152	467.185	1289.843	0.269819	0.45342	381.931	125.9168	1.696812	100	4.2
1610.756	1249.756	328.8818	19.29655	0.290103	1.312135	466.5742	1284.939	0.260871	0.450551	398.2379	151.8614	2.052651	100	5.7
1610.908	1249.908	328.8869	19.1234	0.283225	1.394214	467.1449	1283.47	0.254301	0.448828	409.6828	178.685	2.436778	100	7.2
1611.061	1250.061	328.892	18.95439	0.283314	1.430733	468.4872	1283.503	0.25441	0.447181	411.8048	184.7399	2.541525	100	7.6
1611.213	1250.213	328.8972	18.94826	0.288685	1.368141	469.4165	1282.515	0.259582	0.453114	396.4794	148.4725	2.043261	100	5.7
1611.366	1250.366	328.9023	18.94007	0.293801	1.291309	469.1266	1286.299	0.264517	0.452014	391.1876	139.2255	1.916847	100	5.1

1611.518	1250.518	328.9074	18.89012	0.297744	1.243993	468.0363	1292.142	0.268329	0.466473	365.9726	109.1229	1.506333	100	3.6
1611.67	1250.67	328.9125	19.01204	0.302046	1.214699	467.5652	1296.708	0.27249	0.479387	342.4097	92.83088	1.273351	100	2.7
1611.823	1250.823	328.9177	18.98098	0.305275	1.200374	469.0789	1301.458	0.275623	0.502677	305.9459	77.01237	1.058088	100	2
1611.975	1250.975	328.9228	18.98329	0.309692	1.15856	472.7679	1310.615	0.279901	0.519662	276.6029	67.91221	0.932959	100	1.5
1612.128	1251.128	328.9279	18.9845	0.315294	1.084508	477.7432	1323.308	0.285327	0.521456	266.6393	65.21963	0.895924	100	1.3
1612.28	1251.28	328.933	19.16961	0.320129	1.04673	482.604	1338.447	0.290019	0.508543	277.9838	68.29852	0.929302	100	1.4
1612.432	1251.432	328.9381	19.35199	0.322445	1.047895	486.1408	1354.708	0.292281	0.501248	284.9312	70.29629	0.947621	100	1.4
1612.585	1251.585	328.9433	19.35449	0.321244	1.087901	488.3055	1368.997	0.291145	0.493058	297.8008	74.27152	1.001094	100	1.6
1612.737	1251.737	328.9484	19.35699	0.319902	1.12418	490.2574	1379.375	0.289872	0.497536	293.3775	72.86062	0.981964	100	1.6
1612.89	1251.89	328.9535	19.34884	0.320506	1.136091	492.8382	1388.228	0.29048	0.519975	261.5717	63.90865	0.861684	100	1.2
1613.042	1252.042	328.9586	19.20078	0.321992	1.134276	494.3424	1396.611	0.29194	0.524991	252.6352	61.68215	0.837988	100	1.1
1613.194	1252.194	328.9637	19.03968	0.321673	1.106387	492.3026	1406.606	0.291656	0.508942	275.1746	67.51616	0.924905	100	1.4
1613.347	1252.347	328.9689	18.87597	0.322815	1.050095	488.7034	1408.605	0.292784	0.530451	243.9363	59.60953	0.823587	100	1
1613.499	1252.499	328.974	18.94247	0.324743	1.023088	485.9713	1408.158	0.294672	0.553809	209.0965	52.08854	0.717191	100	0.7
1613.652	1252.652	328.9791	18.99435	0.327328	0.998147	484.2396	1399.561	0.297196	0.547608	214.1713	53.11486	0.729361	100	0.7
1613.804	1252.804	328.9842	18.76712	0.325499	1.03245	483.4637	1404.318	0.295451	0.495558	288.4066	71.33215	0.991231	100	1.5
1613.956	1252.956	328.9893	18.64333	0.319201	1.094193	483.1355	1402.814	0.28939	0.458886	347.3787	95.69578	1.338524	100	2.7
1614.109	1253.109	328.9945	18.52582	0.305654	1.217735	483.0836	1406.306	0.276351	0.439429	392.2228	140.9295	1.983603	100	5
1614.261	1253.261	328.9996	18.35582	0.290901	1.400638	483.2286	1409.239	0.262194	0.439629	411.4838	183.7989	2.610723	100	7.6
1614.414	1253.414	329.0047	18.51724	0.287491	1.487643	483.7168	1408.281	0.258947	0.466262	379.211	122.5766	1.726119	100	4.6
1614.566	1253.566	329.0098	18.54418	0.298034	1.388808	484.8239	1410.084	0.269094	0.469078	361.3237	105.2792	1.480427	100	3.6
1614.718	1253.718	329.0149	18.68753	0.313276	1.227157	486.5727	1417.937	0.283794	0.487817	315.1772	80.3856	1.121822	100	2.1
1614.871	1253.871	329.0201	18.56037	0.319598	1.145184	488.6325	1425.624	0.289919	0.479793	317.7973	81.404	1.143739	100	2.1
1615.023	1254.023	329.0252	18.57199	0.31901	1.16456	490.594	1420.895	0.289375	0.487895	307.3688	77.51238	1.088402	100	1.9
1615.176	1254.176	329.0303	18.58318	0.316633	1.185062	492.0379	1403.097	0.287105	0.496268	298.9457	74.64511	1.047531	100	1.8
1615.328	1254.328	329.0354	18.49261	0.316085	1.169869	491.8241	1380.006	0.2866	0.505714	286.6072	70.79262	0.998289	100	1.7
1615.48	1254.48	329.0405	18.31078	0.318055	1.125288	488.1837	1358.032	0.288525	0.512812	274.1541	67.23533	0.957452	100	1.5
1615.633	1254.633	329.0457	18.11716	0.320701	1.112022	480.1451	1330.379	0.291105	0.509653	274.9541	67.45532	0.970762	100	1.5
1615.785	1254.785	329.0508	18.10951	0.321849	1.111288	469.1815	1301.761	0.292239	0.499208	287.8033	71.15046	1.024382	100	1.7
1615.938	1254.938	329.0559	18.08385	0.317959	1.160826	459.6854	1277.171	0.288506	0.505482	284.2973	70.11006	1.010835	100	1.7
1616.09	1255.09	329.061	18.07133	0.31147	1.178788	456.0608	1262.451	0.282269	0.517805	275.8968	67.71596	0.977	100	1.6
1616.242	1255.242	329.0661	18.14987	0.303844	1.152096	459.1307	1259.617	0.274948	0.484093	332.5244	87.76749	1.26089	100	2.6
1616.395	1255.395	329.0713	18.1773	0.294554	1.098758	465.9826	1234.307	0.266041	0.46294	374.0064	116.7803	1.67521	100	4.2
1616.547	1255.547	329.0764	18.05037	0.289821	1.061112	471.9137	1206.541	0.261522	0.466936	374.7285	117.5415	1.697898	100	4.3
1616.7	1255.7	329.0815	18.05499	0.294999	1.008289	474.6691	1210.674	0.266516	0.478507	351.868	98.50771	1.422611	100	3.3
1616.852	1255.852	329.0866	18.0947	0.307619	0.917707	475.3951	1231.386	0.278679	0.46703	350.9214	97.89556	1.410715	100	3
1617.004	1256.004	329.0917	18.03771	0.315089	0.860916	475.9689	1256.186	0.285905	0.43643	383.1776	127.5265	1.843487	100	4.2
1617.157	1256.157	329.0969	17.96638	0.311829	0.886624	476.8443	1265.526	0.282786	0.465416	347.4822	95.75809	1.389718	100	2.8
1617.309	1256.309	329.102	17.9686	0.302392	0.960667	477.5102	1281.056	0.27372	0.447536	384.6666	129.5183	1.879469	100	4.6
1617.462	1256.462	329.1071	17.86716	0.2937	1.054966	477.76	1297.88	0.26539	0.438705	408.3485	175.0712	2.554836	100	7.2
1617.614	1256.614	329.1122	17.76503	0.286374	1.198963	477.5428	1294.045	0.258385	0.433447	425.2718	228.8348	3.35851	100	10.3
1617.766	1256.766	329.1173	17.68849	0.287983	1.271076	477.1259	1290.449	0.259952	0.46068	385.5283	130.7067	1.926594	100	5.2
1617.919	1256.919	329.1225	17.61319	0.293092	1.247	476.5914	1284.069	0.264879	0.487209	342.1195	92.67082	1.371769	100	3.2
1618.071	1257.071	329.1276	17.50698	0.300218	1.162493	476.1075	1287.001	0.27175	0.50225	311.8807	79.14453	1.178623	100	2.4
1618.224	1257.224	329.1327	17.43265	0.299222	1.15007	476.3033	1293.191	0.270817	0.516857	293.0104	72.74575	1.087939	100	2.1
1618.376	1257.376	329.1378	17.48463	0.296061	1.184014	477.6742	1300.549	0.267803	0.508567	308.6097	77.95403	1.1624	100	2.4
1618.528	1257.528	329.1429	17.58885	0.293983	1.192033	479.8739	1308.536	0.265831	0.491937	334.2804	88.61287	1.313575	100	3
1618.681	1257.681	329.1481	17.69747	0.298712	1.141833	481.994	1324.365	0.270399	0.475638	350.4696	97.60711	1.438101	100	3.3
1618.833	1257.833	329.1532	17.81328	0.303932	1.112467	483.2791	1328.915	0.275445	0.468198	353.7727	99.77287	1.460542	100	3.3
1618.986	1257.986	329.1583	17.95134	0.307719	1.125572	483.5543	1328.428	0.279115	0.481388	330.5054	86.82116	1.261265	100	2.6
1619.138	1258.138	329.1634	18.12401	0.308474	1.143044	482.6481	1326.698	0.279867	0.503191	299.3808	74.78805	1.076212	100	2
1619.29	1258.29	329.1685	18.19931	0.308083	1.136033	480.4337	1325.316	0.279514	0.493422	313.3489	79.69194	1.142094	100	2.2
1619.443	1258.443	329.1737	18.26938	0.307275	1.100396	477.4253	1316.196	0.278759	0.471114	345.1744	94.39498	1.347688	100	2.9
1619.595	1258.595	329.1788	18.39279	0.304062	1.097209	474.6517	1313.094	0.275691	0.472735	347.1723	95.57182	1.355445	100	2.9
1619.748	1258.748	329.1839	18.36488	0.30012	1.104832	473.606	1310.083	0.271922	0.487009	332.6759	87.8396	1.247673	100	2.6
1619.9	1258.9	329.189	18.43634	0.296312	1.096046	474.8878	1311.127	0.268286	0.460449	374.3457	117.1364	1.657445	100	4.1
1620.052	1259.052	329.1941	18.3881	0.293449	1.061062	477.5734	1324.071	0.26556	0.476778	355.574	101.0124	1.433025	100	3.3
1620.205	1259.205	329.1993	18.47858	0.291783	1.035482	480.2113	1324.818	0.263985	0.478266	355.6936	101.0963	1.427286	100	3.3
1620.357	1259.357	329.2044	18.43053	0.292353	1.080751	481.7916	1334.338	0.264556	0.510847	309.9443	78.43505	1.110222	100	2.3
1620.51	1259.51	329.2095	18.38253	0.294582	1.147149	481.7651	1341.518	0.26672	0.503246	317.4468	81.26603	1.153281	100	2.4
1620.662	1259.662	329.2146	18.43578	0.29984	1.155715	480.0841	1342.183	0.271798	0.485361	335.1215	89.02548	1.259804	100	2.7
1620.814	1259.814	329.2198	18.58202	0.304403	1.127561	477.9363	1349.577	0.276212	0.474671	343.7812	93.59773	1.314215	100	2.8
1620.967	1259.967	329.2249	18.7433	0.303766	1.128471	477.0714	1365.657	0.275623	0.470917	349.7754	97.16848	1.352769	100	2.9
1621.119	1260.119	329.23	18.72255	0.290875	1.260465	478.7439	1379.877	0.263258	0.468994	369.492	112.3047	1.565227	100	3.9
1621.272	1260.272	329.2351	18.83188	0.271288	1.495954	483.2841	1377.803	0.244529	0.459872	407.9265	173.958	2.410639	100	7.5
1621.424	1260.424	329.2402	18.89257	0.259983	1.659396	490.4885	1368.628	0.23377	0.446434	441.3183	275.4945	3.805633	100	13.4
1621.576	1260.576	329.2454	18.93645	0.269435	1.56301	499.2713	1360.505	0.242808	0.46058	409.3258	177.7039	2.449189	100	7.8
1621.729	1260.729	329.2505	19.0314	0.288055	1.395801	507.854	1361.001	0.26065	0.480882	356.6863	101.7999	1.396161	100	3.5
1621.881	1260.881	329.2556	19.12597	0.303579	1.281677	514.6298	1341.623	0.275588	0.489937	323.5748	83.76091	1.143175	100	2.3
1622.034	1261.034	329.2607	19.18522	0.30629	1.292294	519.0397	1325.96	0.278222	0.480492	332.9748	87.9823	1.19715	100	2.5
1622.186	1261.186	329.2658	19.22648	0.304673	1.304431	521.5982	1296.679	0.27669	0.426471	409.638	178.5612	2.424524	100	6.5
1622.338	1261.338	329.271	19.27081	0.305917	1.28356	522.5975	1290.951	0.277911	0.426972	407.2617	172.2327	2.333325	100	6.2
1622.491	1261.491	329.2761	19.33268	0.310346	1.239092	521.1005	1274.054	0.282202	0.433044	392.9601	142.1731	1.920047	100	4.7
1622.643	1261.643	329.2812	19.28175	0.31759	1.157175	517.0601	1263.274	0.289213	0.432834	383.5749	128.0505	1.733841	100	4
1622.796	1261.796	329.2863	19.34359	0.323439	1.087537	513.2164	1259.671	0.294887	0.393815	429.5912	241.7732	3.263415	100	8.6
1622.948	1261.948	329.2915	19.40559	0.329679	1.045762	513.2534	1253.063	0.300946	0.377067	444.3422	283.8701	3.81963	100	10.1
1623.1	1262.1	329.2966	19.44137	0.333639	1.058606	517.1234	1253.206	0.304804	0.374584	442.4458	278.6322	3.742408	100	9.7
1623.253	1262.253	329.3017	19.47506	0.336238	1.066112	521.8764	1251.56	0.307345	0.388462	419.7861	211.3785	2.834303	100	6.9
1623.405	1262.405	329.3068	19.5436	0.34054	1.052537	524.4601	1255.797	0.31154	0.415011	377.36	120.4302	1.609257	100	3.2
1623.558	1262.558	329.3119	19.58801	0.34437	1.062958	521.8328	1255.061	0.31528	0.443716	332.5861	87.79682	1.17059	100	1.9

1623.71	1262.71	329.3171	19.63309	0.345508	1.094229	511.7649	1236.451	0.316409	0.428041	352.6591	99.02771	1.317367	100	2.3
1623.862	1262.862	329.3222	19.63459	0.34248	1.13088	494.6312	1213.662	0.313494	0.404668	388.9364	135.6814	1.804859	100	3.8
1624.015	1263.015	329.3273	19.6361	0.339846	1.156105	477.6275	1183.712	0.310963	0.39826	401.2721	158.1239	2.10326	100	4.7
1624.167	1263.167	329.3324	19.6376	0.325457	1.277734	470.3637	1181.966	0.297055	0.407891	407.1751	172.0103	2.287825	100	5.6
1624.32	1263.32	329.3376	19.6391	0.302328	1.439987	475.7169	1171.087	0.27477	0.37505	483.2488	381.2542	5.07056	100	15.4
1624.472	1263.472	329.3427	19.6406	0.282823	1.473112	488.0404	1169.621	0.256069	0.359589	530.3917	478.0262	6.357202	100	21.2
1624.624	1263.624	329.3478	19.64211	0.283662	1.424794	498.7286	1176.914	0.256897	0.372313	511.6901	442.0139	5.877909	100	19.4
1624.777	1263.777	329.3529	19.64361	0.308055	1.314262	503.7863	1191.207	0.280356	0.412229	424.2324	225.6781	3.000884	100	8.3
1624.929	1263.929	329.358	19.64511	0.333613	1.198907	504.7252	1204.666	0.305068	0.409465	393.9439	143.8724	1.912979	100	4.3
1625.082	1264.082	329.3632	19.64661	0.351407	1.109352	504.4097	1220.337	0.322356	0.400899	381.908	125.8875	1.673741	100	3.3
1625.234	1264.234	329.3683	19.64812	0.351948	1.101986	504.6404	1239.629	0.322905	0.405155	375.2764	118.1278	1.570473	100	3
1625.386	1264.386	329.3734	19.64962	0.346112	1.126006	505.7731	1261.944	0.31726	0.402722	386.4248	131.9722	1.75442	100	3.6
1625.539	1264.539	329.3785	19.65112	0.338538	1.166843	507.2104	1279.711	0.309936	0.40254	396.7828	149.0454	1.981265	100	4.4
1625.691	1264.691	329.3836	19.65262	0.332266	1.22788	508.0921	1279.078	0.303884	0.405908	400.4877	156.4522	2.079595	100	4.8
1625.844	1264.844	329.3888	19.65412	0.324486	1.326096	508.4213	1272.661	0.296382	0.414098	399.5375	154.477	2.053212	100	4.9
1625.996	1264.996	329.3939	19.65563	0.320927	1.334016	508.5473	1263.37	0.292966	0.429414	383.1153	127.4449	1.693811	100	3.9
1626.148	1265.148	329.399	19.65713	0.321048	1.275353	508.5811	1259.152	0.293107	0.433015	377.9519	121.1059	1.609462	100	3.6
1626.301	1265.301	329.4041	19.65863	0.323396	1.22039	508.7325	1246.577	0.2954	0.440404	364.5912	107.9403	1.434405	100	3
1626.453	1265.453	329.4092	19.66013	0.323485	1.2058	509.1726	1237.579	0.29551	0.424986	385.7161	130.9694	1.740327	100	3.9
1626.606	1265.606	329.4144	19.66163	0.324632	1.194118	509.81	1238.019	0.296643	0.395856	424.3528	226.0444	3.003502	100	7.8
1626.758	1265.758	329.4195	19.66314	0.328469	1.13647	510.4216	1243.665	0.300378	0.390894	426.0448	231.1712	3.07143	100	7.9
1626.91	1265.91	329.4246	19.66464	0.329354	1.163626	511.0145	1248.665	0.301258	0.411347	396.6055	148.71	1.975696	100	4.5
1627.063	1266.063	329.4297	19.66614	0.327125	1.215664	511.3753	1250.844	0.299125	0.410647	400.5141	156.5078	2.079164	100	4.9
1627.215	1266.215	329.4348	19.66764	0.326396	1.203708	511.6029	1248.789	0.298445	0.40871	404.1265	164.5387	2.185715	100	5.2
1627.368	1266.368	329.44	19.66915	0.331037	1.11847	511.9702	1255.81	0.302959	0.406825	400.4985	156.4749	2.078467	100	4.8
1627.52	1266.52	329.4451	19.67065	0.336634	1.073232	512.4296	1259.781	0.308404	0.417078	378.8354	122.133	1.6222	100	3.3
1627.672	1266.672	329.4502	19.67215	0.335982	1.117011	512.908	1262.95	0.307796	0.418141	378.2071	121.4002	1.612366	100	3.3
1627.825	1266.825	329.4553	19.67365	0.332842	1.134038	513.3514	1267.537	0.304779	0.436641	356.8415	101.9111	1.353439	100	2.6
1627.977	1266.977	329.4604	19.67515	0.32786	1.139684	513.6996	1268.088	0.299981	0.435077	365.62	108.8176	1.445071	100	2.9
1628.13	1267.13	329.4656	19.67666	0.325562	1.108069	514.1494	1265.994	0.297783	0.440826	360.7192	104.8067	1.391719	100	2.8
1628.282	1267.282	329.4707	19.67816	0.327603	1.089848	514.6881	1260.168	0.29978	0.440709	358.1248	102.8443	1.365576	100	2.7
1628.434	1267.434	329.4758	19.67966	0.332858	1.065358	514.9126	1253.496	0.30489	0.418912	381.1532	124.9381	1.658837	100	3.5
1628.587	1267.587	329.4809	19.68116	0.337568	1.03665	514.4351	1240.391	0.309478	0.38004	428.4661	238.4306	3.16551	100	7.9
1628.739	1267.739	329.486	19.68266	0.336037	1.067618	513.0652	1237.698	0.308017	0.4039	397.554	150.5233	1.998289	100	4.4
1628.892	1267.892	329.4912	19.68417	0.33103	1.127723	511.0474	1239.377	0.303193	0.433423	363.4701	107.0062	1.420484	100	2.8
1629.044	1268.044	329.4963	19.68567	0.328498	1.136503	509.0806	1238.354	0.300767	0.442843	353.8181	99.80359	1.324788	100	2.5
1629.196	1268.196	329.5014	19.68717	0.332634	1.057309	507.4568	1232.812	0.304794	0.41973	380.1574	123.7129	1.642057	100	3.4
1629.349	1268.349	329.5065	19.68867	0.340812	0.989759	506.2585	1224.626	0.312743	0.419996	368.8205	111.678	1.482224	100	2.8
1629.501	1268.501	329.5116	19.69018	0.347402	0.98466	505.6253	1222.33	0.319163	0.440044	332.2945	87.65837	1.163355	100	1.8
1629.654	1268.654	329.5168	19.69168	0.347092	1.025134	505.1384	1218.834	0.318886	0.447947	321.7714	83.00779	1.101566	100	1.6
1629.806	1268.806	329.5219	19.69318	0.344392	1.057148	503.975	1219.3	0.316288	0.453475	317.726	81.37587	1.079843	100	1.6
1629.958	1268.958	329.527	19.69468	0.338693	1.07964	501.751	1218.374	0.310784	0.452594	326.5385	85.03586	1.12834	100	1.8
1630.111	1269.111	329.5321	19.69618	0.33344	1.100629	499.1964	1218.445	0.305719	0.454602	330.7578	86.93802	1.153508	100	2
1630.263	1269.263	329.5372	19.69769	0.333956	1.085313	497.7027	1215.143	0.306242	0.440605	349.351	96.9031	1.285645	100	2.3
1630.416	1269.416	329.5424	19.69919	0.341422	1.036915	498.0035	1215.293	0.313503	0.422914	363.745	107.2332	1.422609	100	2.6
1630.568	1269.568	329.5475	19.70069	0.34921	0.990339	499.5298	1218.209	0.321087	0.402874	380.9345	124.6664	1.653784	100	3.2
1630.72	1269.72	329.5526	19.70219	0.34574	1.023934	501.2181	1217.12	0.317741	0.406653	380.3363	123.9307	1.643923	100	3.2
1630.873	1269.873	329.5577	19.7037	0.336743	1.107094	502.0362	1212.746	0.309039	0.443679	341.2492	92.19528	1.22288	100	2.1
1631.025	1270.025	329.5628	19.7052	0.330682	1.170917	501.3872	1211.444	0.303193	0.463338	322.1874	83.18003	1.103233	100	1.9
1631.178	1270.178	329.568	19.7067	0.333043	1.182368	499.3602	1213.174	0.305503	0.46994	309.8898	78.41528	1.039972	100	1.7
1631.33	1270.33	329.5731	19.7082	0.337426	1.149363	496.9518	1209.845	0.309773	0.450205	331.2309	87.15814	1.155852	100	1.9
1631.482	1270.482	329.5782	19.70971	0.341094	1.119907	495.979	1204.989	0.313353	0.423191	363.57	107.0886	1.420071	100	2.7
1631.635	1270.635	329.5833	19.71121	0.345172	1.077155	496.6605	1197.992	0.317334	0.388443	406.0273	169.1179	2.242485	100	5
1631.787	1270.787	329.5884	19.71271	0.350445	1.028331	496.8657	1194.312	0.322479	0.375304	417.0593	201.5312	2.672115	100	6.1
1631.94	1270.94	329.5936	19.71421	0.354668	0.979045	494.0225	1189.247	0.326608	0.386706	395.6267	146.8889	1.947488	100	3.9
1632.092	1271.092	329.5987	19.71571	0.352425	1.012637	487.4382	1179.347	0.324451	0.408609	368.3769	111.2693	1.475143	100	2.7
1632.244	1271.244	329.6038	19.71722	0.346252	1.077117	479.1422	1169.001	0.318478	0.430297	346.6902	95.28413	1.263142	100	2.1
1632.397	1271.397	329.6089	19.71872	0.340682	1.109061	472.7263	1168.729	0.313098	0.414526	375.879	118.7818	1.574543	100	3.1
1632.549	1271.549	329.614	19.72022	0.336257	1.088157	470.772	1170.445	0.308832	0.407232	391.8317	140.28	1.859403	100	4
1632.702	1271.702	329.6192	19.72172	0.331775	1.078715	472.8224	1170.981	0.304514	0.406956	398.1714	151.7302	2.011049	100	4.6
1632.854	1271.854	329.6243	19.72322	0.329379	1.064124	475.9112	1170.782	0.30222	0.430875	368.329	111.2254	1.474102	100	3
1633.006	1272.006	329.6294	19.72473	0.334004	1.054352	477.1105	1164.227	0.306721	0.431137	361.7553	105.6202	1.399727	100	2.7
1633.159	1272.159	329.6345	19.72623	0.339664	1.061664	475.7819	1168.021	0.31223	0.419526	370.1764	112.9535	1.496819	100	2.9
1633.311	1272.311	329.6396	19.72773	0.339252	1.088338	472.8337	1172.269	0.311855	0.393284	406.908	171.3285	2.270242	100	5.2
1633.464	1272.464	329.6448	19.72923	0.329906	1.166676	469.7777	1188.159	0.302826	0.408149	398.8548	153.0909	2.028453	100	4.7
1633.616	1272.616	329.6499	19.73074	0.320917	1.206568	467.8869	1199.083	0.294159	0.415995	399.9884	155.4077	2.059021	100	5
1633.768	1272.768	329.655	19.73224	0.321379	1.148856	467.419	1208.026	0.294629	0.415653	399.8119	155.042	2.054049	100	4.9
1633.921	1272.921	329.6601	19.73374	0.328664	1.055891	467.8879	1222.633	0.301695	0.401793	409.1866	177.3241	2.349103	100	5.6
1634.073	1273.073	329.6653	19.73524	0.332837	1.033569	468.3218	1236.866	0.305759	0.399258	407.076	171.7567	2.275207	100	5.3
1634.226	1273.226	329.6704	19.73674	0.325025	1.120672	468.1649	1258.797	0.298224	0.435914	366.8897	109.9281	1.456093	100	3
1634.378	1273.378	329.6755	19.73825	0.310754	1.247174	467.5351	1277.899	0.284471	0.468811	340.4697	91.77507	1.215564	100	2.5
1634.53	1273.53	329.6806	19.73975	0.300398	1.329227	466.8481	1283.523	0.274525	0.470738	351.5373	98.29265	1.301809	100	2.9
1634.683	1273.683	329.6857	19.74125	0.296131	1.334765	466.6563	1291.486	0.270447	0.458761	373.6937	116.4548	1.542257	100	3.8
1634.835	1273.835	329.6909	19.74275	0.293406	1.331863	466.8171	1299.655	0.267854	0.448632	391.2495	139.326	1.845034	100	4.9
1634.988	1273.988	329.696	19.74426	0.288627	1.369033	466.7684	1303.667	0.263292	0.431464	421.2373	216.4863	2.866656	100	8.6
1635.14	1274.14	329.7011	19.74576	0.284052	1.459324	466.3829	1302.579	0.258929	0.404317	464.7211	337.1575	4.464276	100	14.4
1635.292	1274.292	329.7062	19.74726	0.28351	1.50619	466.1881	1301.012	0.258434	0.40013	471.1814	352.9758	4.673434	100	15.2
1635.445	1274.445	329.7114	19.74876	0.285202	1.514226	466.7395	1297.787	0.26008	0.412909	451.2761	302.6051	4.006272	100	12.7
1635.597	1274.597	329.7165	19.75027	0.287865	1.41459	468.0752	1295.354	0.262656	0.414086	446.0955	288.6687	3.821525	100	11.9
1635.75	1274.75	329.7216	19.75177	0.289615	1.32231	470.0177	1297.59	0.264359	0.413241	444.9113	285.4323	3.778447	100	11.7

1635.902	1274.902	329.7267	19.75327	0.292226	1.258231	472.0871	1296.006	0.266888	0.452907	386.6826	132.3416	1.751779	100	4.6
1636.054	1275.054	329.7318	19.75477	0.295674	1.259165	473.6928	1298.747	0.270223	0.473648	353.4576	99.56044	1.31778	100	3
1636.207	1275.207	329.737	19.75627	0.296615	1.286261	474.4792	1305.691	0.271152	0.469813	357.4689	102.3644	1.354809	100	3.1
1636.359	1275.359	329.7421	19.75778	0.29645	1.299149	474.8273	1311.111	0.271017	0.455478	377.437	120.5175	1.59497	100	4
1636.512	1275.512	329.7472	19.75928	0.294387	1.306856	475.7027	1320.332	0.269059	0.46282	370.0074	112.7924	1.492639	100	3.7
1636.664	1275.664	329.7523	19.76078	0.295162	1.291049	477.6577	1329.986	0.269828	0.479095	346.4868	95.16346	1.259269	100	2.8
1636.816	1275.816	329.7574	19.76228	0.29721	1.265381	479.7049	1336.131	0.271819	0.467598	359.605	103.9511	1.375468	100	3.2
1636.969	1275.969	329.7626	19.76378	0.298461	1.282588	480.4914	1342.67	0.273046	0.46451	362.1738	105.9539	1.401881	100	3.3
1637.121	1276.121	329.7677	19.76529	0.298354	1.31218	479.8899	1354.908	0.272967	0.460953	367.1915	110.1967	1.457927	100	3.5
1637.274	1276.274	329.7728	19.76679	0.296233	1.391664	478.5614	1368.806	0.270952	0.470382	356.9584	101.9952	1.349335	100	3.2
1637.426	1276.426	329.7779	19.76829	0.295138	1.431743	477.147	1361.001	0.269924	0.451419	384.5465	129.3549	1.711182	100	4.4
1637.578	1276.578	329.783	19.76979	0.296056	1.451236	475.99	1378.91	0.27083	0.458944	372.9123	115.6518	1.529815	100	3.8
1637.731	1276.731	329.7882	19.7713	0.297808	1.461275	475.5854	1386.601	0.272538	0.464348	363.098	106.7012	1.41133	100	3.4
1637.883	1276.883	329.7933	19.7728	0.298746	1.461006	476.5561	1392.953	0.273463	0.460356	367.3295	110.3201	1.459106	100	3.5
1638.036	1277.036	329.7984	19.7743	0.297132	1.464027	479.0129	1399.928	0.271936	0.459523	370.5875	113.3481	1.499063	100	3.7
1638.188	1277.188	329.8035	19.7758	0.294314	1.467292	481.53	1398.078	0.269253	0.486156	337.5361	90.239	1.193364	100	2.7
1638.34	1277.34	329.8086	19.7773	0.293522	1.461574	481.4812	1381.047	0.268516	0.49702	323.5605	83.75485	1.107546	100	2.4
1638.493	1277.493	329.8138	19.77881	0.296753	1.455687	477.2278	1342.852	0.271643	0.5194	288.3614	71.31849	0.943033	100	1.8
1638.645	1277.645	329.8189	19.78031	0.301448	1.566058	469.3287	1322.188	0.276182	0.541536	251.5493	61.41853	0.812077	100	1.4
1638.798	1277.798	329.824	19.78181	0.300056	1.755093	460.8932	1306.674	0.274867	0.549122	242.8963	59.36754	0.78491	100	1.4
1638.95	1277.95	329.8291	19.78331	0.293887	1.839096	455.922	1288.859	0.268962	0.496626	323.4897	83.72498	1.106876	100	2.5
1639.102	1278.102	329.8342	19.78481	0.283931	1.709062	455.8764	1269.641	0.259436	0.436878	419.0871	208.7741	2.759901	100	8.5
1639.255	1278.255	329.8394	19.78632	0.276593	1.468174	459.2064	1237.787	0.252435	0.425026	445.1037	285.9594	3.78002	100	12.3
1639.407	1278.407	329.8445	19.78782	0.274499	1.249506	463.2638	1216.619	0.250458	0.433882	435.6109	259.3337	3.42785	100	11.1
1639.56	1278.56	329.8496	19.78932	0.279358	1.148255	466.1049	1214.767	0.255128	0.448771	408.6191	175.7925	2.323466	100	6.8
1639.712	1278.712	329.8547	19.79082	0.284981	1.162303	467.6344	1222.508	0.260538	0.450287	399.0618	153.5083	2.028809	100	5.7
1639.864	1278.864	329.8598	19.79233	0.286877	1.228799	468.6209	1234.525	0.262379	0.45584	388.8572	135.5606	1.791494	100	4.8
1640.017	1279.017	329.865	19.79383	0.283555	1.33422	469.6233	1245.188	0.259219	0.458057	390.159	137.5792	1.818059	100	5
1640.169	1279.169	329.8701	19.79533	0.281483	1.369595	470.7874	1268.754	0.257259	0.459886	390.3409	137.867	1.821749	100	5.1
1640.322	1279.322	329.8752	19.79683	0.280614	1.413824	471.9168	1283.917	0.256451	0.461062	389.8322	137.0658	1.81105	100	5.1
1640.474	1279.474	329.8803	19.79834	0.282458	1.439248	472.9796	1291.009	0.25824	0.461727	386.4457	132.0019	1.744032	100	4.8
1640.626	1279.626	329.8854	19.79984	0.285159	1.440518	474.0168	1298.07	0.260851	0.470659	370.5156	113.2789	1.496567	100	3.9
1640.779	1279.779	329.8906	19.80134	0.285799	1.469823	475.2065	1304.591	0.261489	0.466417	375.4896	118.3581	1.563574	100	4.1
1640.931	1279.931	329.8957	19.80284	0.28452	1.476304	476.5327	1321.308	0.260287	0.435325	420.0557	212.3985	2.805725	100	8.5
1641.084	1280.084	329.9008	19.80434	0.281197	1.510762	477.9319	1328.938	0.257128	0.439112	419.1891	209.1505	2.762649	100	8.5
1641.236	1280.236	329.9059	19.80585	0.278308	1.530247	479.4933	1334.519	0.254387	0.481112	365.0111	108.296	1.430382	100	3.8
1641.388	1280.388	329.911	19.80735	0.278815	1.496114	480.9847	1340.089	0.254895	0.507453	327.9592	85.66444	1.131393	100	2.7
1641.541	1280.541	329.9162	19.80885	0.285035	1.395053	481.9965	1351.779	0.260877	0.526799	293.0084	72.7451	0.960704	100	2
1641.693	1280.693	329.9213	19.81035	0.293123	1.288982	482.5256	1353.889	0.268659	0.514007	299.9205	74.96609	0.989974	100	2
1641.846	1280.846	329.9264	19.81186	0.295247	1.258232	483.093	1355.173	0.270722	0.505039	309.4495	78.256	1.033355	100	2.1
1641.998	1280.998	329.9315	19.81336	0.289623	1.337141	484.2159	1357.878	0.265348	0.475808	357.2049	102.1729	1.34909	100	3.3
1642.15	1281.15	329.9366	19.81486	0.283055	1.392024	485.7264	1355.39	0.259074	0.459996	387.6831	133.7994	1.766577	100	4.9
1642.303	1281.303	329.9418	19.81636	0.282971	1.386152	486.7763	1349.228	0.259019	0.461239	386.0445	131.4317	1.735208	100	4.8
1642.455	1281.455	329.9469	19.81786	0.291062	1.299532	486.3592	1333.962	0.266799	0.471841	360.6764	104.7734	1.383171	100	3.3
1642.608	1281.608	329.952	19.81937	0.300363	1.213038	484.297	1322.921	0.275759	0.454683	371.9899	114.7228	1.514423	100	3.6
1642.76	1281.76	329.9571	19.82087	0.305203	1.146316	481.4344	1314.643	0.28044	0.444759	379.2248	122.593	1.618216	100	3.8
1642.912	1281.912	329.9622	19.82237	0.302253	1.102869	478.8866	1305.95	0.277625	0.438366	391.933	140.4476	1.85378	100	4.6
1643.065	1282.065	329.9674	19.82387	0.296386	1.091529	477.4499	1307.273	0.272008	0.439561	398.0344	151.4605	1.999016	100	5.3
1643.217	1282.217	329.9725	19.82537	0.292879	1.094355	477.0168	1303.497	0.268663	0.449484	388.957	135.7128	1.791063	100	4.6
1643.37	1282.37	329.9776	19.82688	0.292653	1.146074	476.9584	1293.277	0.26847	0.460963	373.3837	116.1345	1.532584	100	3.8
1643.522	1282.522	329.9827	19.82838	0.294195	1.166768	476.6429	1308.912	0.269974	0.461873	370.0513	112.8341	1.488939	100	3.6
1643.674	1282.674	329.9878	19.82988	0.29637	1.180065	475.8923	1309.876	0.272088	0.430168	410.8867	182.0725	2.402446	100	6.7
1643.827	1282.827	329.993	19.83138	0.296765	1.176742	474.9511	1314.025	0.272491	0.419595	424.9215	227.7726	3.005274	100	8.7
1643.979	1282.979	329.9981	19.83289	0.293721	1.216308	474.1654	1311.188	0.269591	0.42057	427.5786	235.7804	3.110736	100	9.2
1644.132	1283.132	330.0032	19.83439	0.288759	1.292195	473.6594	1311.041	0.264852	0.424433	428.7859	239.3825	3.158065	100	9.5
1644.284	1283.284	330.0083	19.83589	0.286015	1.340891	473.2071	1303.965	0.262245	0.454774	390.5135	138.1414	1.822325	100	5
1644.436	1283.436	330.0134	19.83739	0.286305	1.312992	472.6566	1307.8	0.262548	0.455798	388.6835	135.2964	1.784684	100	4.8
1644.589	1283.589	330.0186	19.83889	0.28668	1.308443	471.7186	1308.458	0.26293	0.433568	418.8323	207.8389	2.741417	100	8.2
1644.741	1283.741	330.0237	19.8404	0.285096	1.345342	470.1709	1300.881	0.261436	0.413947	447.9722	293.7586	3.874465	100	12.2
1644.894	1283.894	330.0288	19.8419	0.282274	1.391733	468.4136	1293.286	0.258756	0.442542	412.2089	185.9376	2.452232	100	7.3
1645.046	1284.046	330.0339	19.8434	0.280939	1.384735	467.2627	1298.794	0.257501	0.443819	412.1778	185.845	2.45086	100	7.4
1645.198	1284.198	330.0391	19.8449	0.283515	1.314251	466.9662	1294.949	0.259992	0.45508	393.2004	142.5839	1.880231	100	5.2
1645.351	1284.351	330.0442	19.84641	0.287678	1.260475	467.2031	1290.692	0.264006	0.479287	354.2548	100.1005	1.319927	100	3.2
1645.503	1284.503	330.0493	19.84791	0.290097	1.240851	467.5514	1283.425	0.266351	0.503745	317.2678	81.19579	1.070583	100	2.3
1645.656	1284.656	330.0544	19.84941	0.289596	1.25876	467.944	1275.102	0.265894	0.511915	306.6244	77.24997	1.018494	100	2.1
1645.808	1284.808	330.0595	19.85091	0.289591	1.265375	468.7683	1274.664	0.265913	0.501734	320.647	82.54643	1.088257	100	2.3
1645.96	1284.96	330.0647	19.85242	0.28967	1.250079	470.3361	1277.245	0.266012	0.496371	327.9115	85.64313	1.129013	100	2.5
1646.113	1285.113	330.0698	19.85392	0.2889	1.225307	472.399	1281.881	0.265297	0.460444	378.4774	121.7141	1.604429	100	4.1
1646.265	1285.265	330.0749	19.85542	0.287885	1.210331	474.2112	1289.019	0.264348	0.448956	395.6403	146.914	1.936492	100	5.3
1646.418	1285.418	330.08	19.85692	0.289482	1.195706	475.5279	1299.189	0.265903	0.471117	362.9117	106.5494	1.404355	100	3.4
1646.57	1285.57	330.0852	19.85842	0.292466	1.227436	476.7333	1309.268	0.268791	0.485053	339.6956	91.36282	1.204117	100	2.7
1646.722	1285.722	330.0903	19.85993	0.292374	1.2938	477.7866	1316.37	0.268726	0.476073	352.1766	98.70961	1.300863	100	3
1646.875	1285.875	330.0954	19.86143	0.290599	1.356442	478.1219	1319.221	0.267046	0.4542	384.6802	129.537	1.707022	100	4.5
1647.027	1286.027	330.1005	19.86293	0.290814	1.321402	476.9584	1322.14	0.267277	0.452723	386.4001	131.9369	1.73854	100	4.6
1647.18	1286.18	330.1056	19.86443	0.292265	1.286328	475.0646	1319.016	0.268693	0.465229	367.1881	110.1936	1.451938	100	3.6
1647.332	1286.332	330.1108	19.86593	0.290075	1.306208	472.6848	1319.187	0.266615	0.467715	366.624	109.6932	1.445255	100	3.6
1647.484	1286.484	330.1159	19.86744	0.285022	1.375841	469.5874	1313.991	0.261794	0.469227	371.1914	113.9346	1.501045	100	3.9
1647.637	1286.637	330.121	19.86894	0.283911	1.368009	466.7122	1303.832	0.260754	0.466538	376.3377	119.286	1.57145	100	4.2
1647.789	1286.789	330.1261	19.87044	0.292741	1.201827	466.2282	1304.197	0.269245	0.468978	361.2512	105.2222	1.386091	100	3.3
1647.942	1286.942	330.1313	19.87194	0.303079	1.075376	469.6028	1292.3	0.279207	0.482605	328.7005	85.99715	1.13277	100	2.2

1648.094	1287.094	330.1364	19.87345	0.30726	1.019465	475.0033	1291.891	0.283255	0.52441	265.4229	64.90154	0.854842	100	1.3
1648.246	1287.246	330.1415	19.87495	0.307412	1.025359	480.3024	1298.464	0.283425	0.520546	270.5204	66.24947	0.872542	100	1.3
1648.399	1287.399	330.1466	19.87645	0.309167	1.012841	484.0421	1301.699	0.28514	0.474303	331.9681	87.50407	1.152406	100	2.2
1648.551	1287.551	330.1517	19.87795	0.311249	1.010744	485.7969	1308.471	0.287171	0.435739	382.3849	126.4969	1.665829	100	3.8
1648.704	1287.704	330.1569	19.87945	0.306395	1.084444	485.6116	1320.333	0.282517	0.444895	376.1721	119.1033	1.568366	100	3.6
1648.856	1287.856	330.162	19.88096	0.301757	1.151378	484.2511	1328.778	0.278077	0.459305	362.4128	106.1457	1.397653	100	3.2
1649.008	1288.008	330.1671	19.88246	0.30103	1.167099	483.2434	1327.261	0.277402	0.444044	384.4045	129.1622	1.700612	100	4.2
1649.161	1288.161	330.1722	19.88396	0.303438	1.145315	482.3465	1331.136	0.279742	0.472927	341.3164	92.23176	1.214293	100	2.5
1649.313	1288.313	330.1773	19.88546	0.304375	1.120423	480.2335	1329.476	0.280667	0.475514	336.4699	89.69773	1.180858	100	2.4
1649.466	1288.466	330.1825	19.88696	0.303992	1.115713	477.6569	1320.451	0.280323	0.481988	328.0108	85.6875	1.127995	100	2.2
1649.618	1288.618	330.1876	19.88847	0.30217	1.127433	475.4836	1300.658	0.278593	0.45242	371.2014	113.9443	1.499876	100	3.5
1649.77	1288.77	330.1927	19.88997	0.298234	1.170872	473.4849	1298.603	0.274832	0.446063	385.165	130.2025	1.713781	100	4.3
1649.923	1288.923	330.1978	19.89147	0.296179	1.207501	471.3241	1294.888	0.27288	0.424027	418.2677	205.7921	2.708557	100	7.7
1650.075	1289.075	330.2029	19.89297	0.298042	1.205906	469.0332	1285.796	0.274695	0.441933	391.0531	139.0076	1.829451	100	4.7
1650.228	1289.228	330.2081	19.89448	0.298236	1.218115	467.3459	1279.119	0.274906	0.457545	369.2179	112.0478	1.474548	100	3.5
1650.38	1289.38	330.2132	19.89598	0.293475	1.26657	466.4173	1277.253	0.270354	0.465557	364.4425	107.8151	1.418759	100	3.4
1650.532	1289.532	330.2183	19.89748	0.289478	1.265982	466.2764	1274.605	0.266542	0.444671	398.5256	152.4322	2.005759	100	5.5
1650.685	1289.685	330.2234	19.89898	0.290357	1.203589	466.8182	1269.631	0.267409	0.424896	424.6197	226.8561	2.984872	100	8.8
1650.837	1289.837	330.2285	19.90049	0.292864	1.122105	467.6077	1268.438	0.269839	0.408387	444.0474	283.0592	3.724137	100	11.3
1650.99	1289.99	330.2337	19.90199	0.291981	1.133113	468.4226	1278.501	0.269016	0.406767	447.4196	292.2649	3.845017	100	11.7
1651.142	1290.142	330.2388	19.90349	0.287334	1.227	469.6726	1282.992	0.264581	0.412071	446.2202	289.0085	3.801942	100	11.8
1651.294	1290.294	330.2439	19.90499	0.286227	1.290979	472.2278	1282.332	0.263543	0.435412	415.4418	196.0709	2.579179	100	7.6
1651.447	1290.447	330.249	19.90649	0.287466	1.280445	476.32	1289.959	0.264755	0.46918	367.1689	110.1765	1.449206	100	3.6
1651.599	1290.599	330.2541	19.908	0.291778	1.233844	480.7838	1291.11	0.268915	0.474012	354.7607	100.4475	1.321154	100	3.1
1651.752	1290.752	330.2593	19.9095	0.294462	1.205965	483.3264	1290.312	0.271517	0.446704	388.8549	135.557	1.782829	100	4.6
1651.904	1290.904	330.2644	19.911	0.297558	1.197572	482.3533	1288.708	0.274515	0.43353	402.8986	161.7136	2.126706	100	5.7
1652.056	1291.056	330.2695	19.9125	0.300744	1.173422	478.6747	1290.931	0.277602	0.414444	424.9762	227.9388	2.997454	100	8.5
1652.209	1291.209	330.2746	19.91401	0.303267	1.124734	473.9735	1293.663	0.280053	0.407229	431.5507	247.5486	3.255127	100	9.3
1652.361	1291.361	330.2797	19.91551	0.302827	1.076752	469.7517	1293.056	0.279653	0.381186	468.0426	345.3516	4.540902	100	13.5
1652.514	1291.514	330.2849	19.91701	0.300683	1.06099	467.3245	1291.904	0.277614	0.395542	451.044	301.9883	3.970491	100	11.7
1652.666	1291.666	330.29	19.91851	0.299913	1.067798	466.8562	1296.016	0.276898	0.421777	415.8291	197.3534	2.59461	100	7.2
1652.818	1291.818	330.2951	19.92001	0.300016	1.0589	467.2203	1295.496	0.277021	0.434622	397.9336	151.2629	1.988534	100	5.1
1652.971	1291.971	330.3002	19.92152	0.298849	1.034396	466.5268	1287.215	0.275922	0.462112	361.5136	105.4289	1.385904	100	3.1
1653.123	1292.123	330.3053	19.92302	0.296542	1.027407	463.4958	1266.246	0.273728	0.467789	356.7056	101.8137	1.338299	100	3
1653.276	1292.276	330.3105	19.92452	0.29314	1.072895	459.4871	1264.701	0.270485	0.463601	366.9621	109.9924	1.445716	100	3.4
1653.428	1292.428	330.3156	19.92602	0.289636	1.113083	458.4919	1263.318	0.267145	0.44976	390.6707	138.3924	1.818888	100	4.8
1653.58	1292.58	330.3207	19.92752	0.285082	1.171002	463.3369	1263.062	0.262802	0.415469	443.9862	282.8905	3.717794	100	11.6
1653.733	1292.733	330.3258	19.92903	0.282025	1.141081	471.8018	1264.61	0.259897	0.399479	470.0608	350.2671	4.602983	100	14.9
1653.885	1292.885	330.3309	19.93053	0.281333	1.098356	478.5869	1267.349	0.259258	0.393298	479.4726	372.5769	4.895864	100	16
1654.038	1293.038	330.3361	19.93203	0.283886	0.992418	481.9805	1273.69	0.261727	0.406292	458.1342	320.5134	4.211462	100	13.3
1654.19	1293.19	330.3412	19.93353	0.28673	0.932054	483.7799	1277.004	0.264476	0.434771	415.0389	194.7525	2.558839	100	7.4
1654.342	1293.342	330.3463	19.93504	0.28576	1.099197	483.5755	1294.93	0.26357	0.44845	397.4125	150.2498	1.973999	100	5.4
1654.495	1293.495	330.3514	19.93654	0.28516	1.293558	481.0908	1311.677	0.263019	0.435877	415.5239	196.3416	2.579401	100	7.6
1654.647	1293.647	330.3565	19.93804	0.288154	1.385827	477.9678	1313.713	0.265913	0.439343	406.7474	170.921	2.245304	100	6.4
1654.8	1293.8	330.3617	19.93954	0.291749	1.436956	475.785	1311.05	0.269387	0.463881	368.0909	111.0078	1.458165	100	3.6
1654.952	1293.952	330.3668	19.94104	0.29117	1.458691	474.5865	1308.962	0.268854	0.487004	336.9164	89.9233	1.181133	100	2.7
1655.104	1294.104	330.3719	19.94255	0.289562	1.499608	473.0388	1315.471	0.267335	0.480089	348.5546	96.41048	1.266263	100	3
1655.257	1294.257	330.377	19.94405	0.290019	1.470362	470.6622	1312.966	0.267797	0.46083	374.4953	117.2942	1.540457	100	4
1655.409	1294.409	330.3821	19.94555	0.290879	1.459186	468.4823	1306.48	0.268646	0.462115	371.5509	114.2877	1.500879	100	3.8
1655.562	1294.562	330.3873	19.94705	0.290629	1.452017	467.9826	1293.689	0.26843	0.446775	393.0168	142.2699	1.868239	100	5.1
1655.714	1294.714	330.3924	19.94855	0.290906	1.400119	469.1118	1294.371	0.26872	0.440862	400.7774	157.0651	2.062399	100	5.7
1655.866	1294.866	330.3975	19.95006	0.293203	1.299711	471.1303	1297.566	0.270948	0.416501	431.3207	246.8736	3.241459	100	9.7
1656.019	1295.019	330.4026	19.95156	0.29499	1.233243	473.4251	1306.435	0.272688	0.412793	434.0365	254.7927	3.345232	100	9.9
1656.171	1295.171	330.4077	19.95306	0.295153	1.218911	475.4658	1313.197	0.272868	0.431914	407.4004	172.5898	2.265833	100	6.2
1656.324	1295.324	330.4129	19.95457	0.293651	1.256751	477.2112	1319.479	0.27145	0.458645	372.4693	115.2032	1.512343	100	3.7
1656.476	1295.476	330.418	19.95607	0.291695	1.265919	478.5215	1330.345	0.269595	0.485359	338.1639	90.56184	1.188788	100	2.7
1656.628	1295.628	330.4231	19.95757	0.291523	1.292251	478.7649	1331.576	0.269454	0.484306	339.8115	91.42423	1.200035	100	2.7
1656.781	1295.781	330.4282	19.95907	0.291641	1.299071	477.8395	1335.083	0.269591	0.480052	345.4935	94.58021	1.241384	100	2.8
1656.933	1295.933	330.4333	19.96057	0.289071	1.353254	476.1106	1338.569	0.267148	0.469132	363.9329	107.3891	1.409417	100	3.5
1657.086	1296.086	330.4385	19.96208	0.284977	1.422274	474.3723	1334.787	0.263247	0.46827	370.5071	113.2706	1.486516	100	3.9
1657.238	1296.238	330.4436	19.96358	0.283579	1.429424	473.1548	1328.014	0.261931	0.456661	388.3433	134.7829	1.768726	100	4.9
1657.39	1296.39	330.4487	19.96508	0.284185	1.394158	472.7504	1324.255	0.262535	0.439797	410.7821	181.7732	2.385223	100	7
1657.543	1296.543	330.4538	19.96658	0.28389	1.350868	473.6445	1325.457	0.262276	0.443142	406.5223	170.3533	2.235234	100	6.5
1657.695	1296.695	330.459	19.96808	0.280801	1.381943	475.8948	1320.115	0.259341	0.442944	410.8471	181.9591	2.387369	100	7.1
1657.848	1296.848	330.4641	19.96959	0.276179	1.426781	478.8502	1322.012	0.254943	0.45873	395.1318	145.987	1.915285	100	5.6
1658	1297	330.4692	19.97109	0.274581	1.42426	481.075	1325.242	0.253438	0.456075	400.8725	157.2674	2.063152	100	6.2
1658.152	1297.152	330.4743	19.97259	0.279469	1.378288	481.9567	1327.306	0.258138	0.465504	381.3746	125.2147	1.642559	100	4.5
1658.305	1297.305	330.4794	19.97409	0.286693	1.354281	482.0506	1330.453	0.265081	0.453112	388.8941	135.6167	1.778904	100	4.8
1658.457	1297.457	330.4846	19.9756	0.290432	1.355418	481.9668	1341.08	0.268691	0.432973	411.7042	184.444	2.419228	100	6.9
1658.61	1297.61	330.4897	19.9771	0.28819	1.365716	481.9434	1344.935	0.266564	0.417311	436.2521	261.1725	3.425414	100	10.5
1658.762	1297.762	330.4948	19.9786	0.287703	1.329895	481.9611	1353.98	0.26612	0.411833	444.4246	284.0965	3.725847	100	11.6
1658.914	1297.914	330.4999	19.9801	0.290189	1.315144	481.979	1364.336	0.268529	0.425912	421.6716	217.8279	2.856578	100	8.5
1659.067	1298.067	330.5051	19.9816	0.292732	1.31268	481.949	1366.55	0.270993	0.425583	418.725	207.447	2.720276	100	7.9
1659.219	1298.219	330.5102	19.98311	0.290314	1.345864	481.6938	1366.416	0.268696	0.430115	415.641	196.7286	2.579565	100	7.5
1659.372	1298.372	330.5153	19.98461	0.290033	1.345183	481.0099	1361.985	0.26845	0.464389	368.6829	111.5508	1.462598	100	3.7
1659.524	1298.524	330.5204	19.98611	0.292224	1.340756	479.8654	1354.439	0.270576	0.495051	323.435	83.70194	1.097391	100	2.4
1659.676	1298.676	330.5255	19.98761	0.29757	1.334013	478.7051	1348.064	0.275735	0.473247	346.4047	95.11487	1.246946	100	2.8
1659.829	1298.829	330.5307	19.98911	0.298903	1.318799	477.751	1337.459	0.27704	0.446837	381.0496	124.8092	1.636135	100	4.1
1659.981	1298.981	330.5358	19.99062	0.294772	1.334888	476.4731	1329.204	0.273094	0.42302	419.3639	209.7988	2.750102	100	7.9
1660.134	1299.134	330.5409	19.99212	0.289523	1.361463	474.3982	1319.273	0.268079	0.418152	433.0026	251.7909	3.300344	100	10

1660.286	1299.286	330.546	19.99362	0.285804	1.408103	471.7579	1311.51	0.264537	0.398602	464.8691	337.5256	4.423839	100	14.1
1660.438	1299.438	330.5511	19.99512	0.283624	1.417813	470.1753	1302.458	0.262471	0.405705	457.9184	319.9589	4.193341	100	13.4
1660.591	1299.591	330.5563	19.99663	0.279507	1.447555	471.4887	1293.167	0.258552	0.383933	493.3707	403.7783	5.291541	100	17.6
1660.743	1299.743	330.5614	19.99813	0.274979	1.430391	475.6316	1277.365	0.254245	0.367284	522.2898	462.7755	6.064332	100	20.8
1660.896	1299.896	330.5665	19.99963	0.272393	1.39435	480.6797	1273.754	0.251796	0.369923	522.0278	462.2735	6.057383	100	20.9
1661.048	1300.048	330.5716	20.00113	0.276291	1.302634	483.6826	1267.704	0.255546	0.377271	506.7121	431.9298	5.659428	100	19.1
1661.2	1300.2	330.5767	20.00264	0.284689	1.214493	482.6144	1262.365	0.263609	0.365267	512.151	442.9366	5.803289	100	19
1661.353	1300.353	330.5819	20.00414	0.294363	1.102766	477.151	1250.518	0.272914	0.377259	482.7606	380.1408	4.980244	100	15.5
1661.505	1300.505	330.587	20.00564	0.301443	0.98996	468.7119	1240.108	0.279743	0.402085	439.0785	269.2077	3.526687	100	10.2
1661.658	1300.658	330.5921	20.00714	0.30005	0.966953	460.5302	1232.3	0.278427	0.41356	425.0581	228.187	2.989123	100	8.4
1661.81	1300.81	330.5972	20.00864	0.292779	1.037105	456.0162	1223.102	0.271464	0.413391	434.8998	257.2872	3.370113	100	10
1661.962	1300.962	330.6023	20.01015	0.281415	1.194386	456.6217	1221.646	0.260592	0.40086	467.1964	343.2764	4.496178	100	14.6
1662.115	1301.115	330.6075	20.01165	0.272818	1.279085	460.7487	1218.293	0.252392	0.386279	498.6342	415.0861	5.436398	100	18.6
1662.267	1301.267	330.6126	20.01315	0.269963	1.2728	465.7713	1213.605	0.249688	0.39712	487.4058	390.6318	5.115805	100	17.6
1662.42	1301.42	330.6177	20.01465	0.273173	1.213316	469.9366	1219.007	0.252778	0.401088	477.6651	368.3689	4.823951	100	16.3
1662.572	1301.572	330.6228	20.01616	0.27943	1.174049	472.695	1215.56	0.258786	0.400979	469.5246	348.9656	4.569574	100	14.9
1662.724	1301.724	330.6279	20.01766	0.284145	1.136098	474.6404	1217.653	0.263324	0.403262	460.1116	325.5661	4.262906	100	13.6
1662.877	1301.877	330.6331	20.01916	0.28897	1.080811	476.2429	1219.265	0.267974	0.410862	443.2066	280.7395	3.67573	100	11.2
1663.029	1302.029	330.6382	20.02066	0.296256	1.019041	477.534	1232.348	0.274992	0.427793	410.1563	180.0026	2.356634	100	6.4
1663.182	1302.182	330.6433	20.02216	0.307928	0.956101	478.4156	1234.498	0.286245	0.434496	385.378	130.4975	1.708399	100	4
1663.334	1302.334	330.6484	20.02367	0.313432	0.938937	478.5636	1241.121	0.291574	0.403302	421.0718	215.9743	2.827238	100	7.5
1663.486	1302.486	330.6535	20.02517	0.309931	1.003094	479.1911	1251.053	0.288222	0.375588	463.9422	335.217	4.387929	100	12.7
1663.639	1302.639	330.6587	20.02667	0.303268	1.070775	481.6637	1272.954	0.281829	0.388995	454.2633	310.4797	4.063874	100	11.9
1663.791	1302.791	330.6638	20.02817	0.305371	1.062864	485.3239	1297.333	0.283877	0.398281	438.6218	267.9172	3.506559	100	10
1663.944	1302.944	330.6689	20.02967	0.31487	0.953841	488.8762	1310.015	0.293056	0.389654	437.8606	265.7595	3.478105	100	9.5
1664.096	1303.096	330.674	20.03118	0.318988	0.941413	491.2346	1326.227	0.297054	0.405952	409.852	179.1537	2.344514	100	5.8
1664.248	1303.248	330.6791	20.03268	0.311594	1.062764	492.0398	1351.592	0.289943	0.435548	378.8226	122.118	1.598013	100	3.6
1664.401	1303.401	330.6843	20.03418	0.303683	1.258527	491.5494	1364.671	0.282347	0.481788	325.4934	84.58081	1.106741	100	2.2
1664.553	1303.553	330.6894	20.03568	0.302863	1.327254	490.1033	1372.458	0.281581	0.501392	299.497	74.82631	0.979043	100	1.8
1664.706	1303.706	330.6945	20.03719	0.30722	1.296422	488.0538	1380.362	0.285799	0.492807	305.5233	76.86518	1.005658	100	1.9
1664.858	1303.858	330.6996	20.03869	0.306639	1.285407	485.8675	1382.994	0.285263	0.457877	354.4662	100.2451	1.311467	100	2.9
1665.01	1304.01	330.7047	20.04019	0.302654	1.364474	484.1992	1387.504	0.281451	0.472332	339.7799	91.40747	1.195775	100	2.6
1665.163	1304.163	330.7099	20.04169	0.300182	1.378455	483.6104	1388.117	0.279096	0.477755	335.5458	89.23552	1.167291	100	2.5
1665.315	1304.315	330.715	20.0432	0.303324	1.316934	483.6819	1383.275	0.282142	0.50029	300.2438	75.07314	0.981972	100	1.8
1665.468	1304.468	330.7201	20.0447	0.304409	1.283862	483.6554	1374.261	0.283211	0.478808	328.4142	85.86825	1.123106	100	2.3
1665.62	1304.62	330.7252	20.0462	0.301599	1.332098	483.0157	1371.041	0.28053	0.476057	335.9106	89.41724	1.169453	100	2.5
1665.772	1304.772	330.7303	20.0477	0.298069	1.384891	481.6935	1371.099	0.277159	0.475972	340.6792	91.88749	1.201687	100	2.7
1665.925	1304.925	330.7355	20.0492	0.298685	1.387139	479.6821	1362.71	0.277775	0.491525	318.3659	81.62895	1.067463	100	2.2
1666.077	1305.077	330.7406	20.05071	0.30431	1.305937	477.3052	1343.142	0.28321	0.476479	331.6303	87.34511	1.142143	100	2.3
1666.23	1305.23	330.7457	20.05221	0.311208	1.187277	474.9001	1335.977	0.289877	0.470872	330.1658	86.66456	1.133175	100	2.2
1666.382	1305.382	330.7508	20.05371	0.318631	1.069545	470.8688	1327.841	0.297063	0.450358	348.5592	96.41328	1.260566	100	2.5
1666.534	1305.534	330.7559	20.05521	0.323172	1.012198	463.716	1305.026	0.301473	0.414776	391.5775	139.8616	1.828524	100	4.1
1666.687	1305.687	330.7611	20.05672	0.321211	1.023412	455.0515	1257.742	0.299601	0.381104	440.6277	273.5634	3.576297	100	9.6
1666.839	1305.839	330.7662	20.05822	0.311243	1.083098	449.3785	1235.273	0.290006	0.373275	464.6736	337.0395	4.40585	100	12.7
1666.992	1305.992	330.7713	20.05972	0.29569	1.107793	450.3045	1227.627	0.275061	0.388041	464.9194	337.6504	4.413568	100	13.5
1667.144	1306.144	330.7764	20.06122	0.280593	1.12222	457.6613	1220.808	0.260606	0.384916	489.1806	394.581	5.157417	100	16.9
1667.296	1306.296	330.7815	20.06272	0.272966	1.119092	467.6061	1213.166	0.253335	0.389571	492.7905	402.5153	5.260801	100	17.8
1667.449	1306.449	330.7867	20.06423	0.274612	1.11154	474.3753	1205.634	0.254932	0.391957	487.294	390.382	5.101907	100	17.1
1667.601	1306.601	330.7918	20.06573	0.282597	1.097523	474.3328	1201.739	0.262596	0.403975	460.1323	325.6187	4.255256	100	13.6
1667.754	1306.754	330.7969	20.06723	0.295499	1.046216	467.4023	1194.553	0.274996	0.405894	440.3722	272.8476	3.565414	100	10.6
1667.906	1306.906	330.802	20.06873	0.302904	1.052218	456.8609	1183.078	0.282139	0.434619	390.8742	138.7191	1.81259	100	4.5
1668.058	1307.058	330.8071	20.07023	0.298737	1.156462	448.1425	1186.083	0.278155	0.4122	427.3111	234.9789	3.070194	100	8.8
1668.211	1307.211	330.8123	20.07174	0.282722	1.303839	446.4993	1185.363	0.26281	0.376041	498.3853	414.5576	5.416205	100	17.8
1668.363	1307.363	330.8174	20.07324	0.2695	1.310574	452.7	1186.928	0.250189	0.352831	547.8316	509.1821	6.65207	100	23.4
1668.516	1307.516	330.8225	20.07474	0.265005	1.213962	461.7622	1186.935	0.245923	0.375551	522.3663	462.9219	6.047348	100	21.4
1668.668	1307.668	330.8276	20.07624	0.270062	1.088027	467.2611	1188.211	0.250773	0.405767	473.9745	359.6651	4.698173	100	15.9
1668.82	1307.82	330.8328	20.07775	0.275975	1.03138	470.264	1187.164	0.256447	0.421493	444.4432	284.1477	3.711489	100	12
1668.973	1307.973	330.8379	20.07925	0.277707	1.104879	476.5568	1188.732	0.258127	0.397975	474.5797	361.1027	4.716374	100	15.5
1669.125	1308.125	330.843	20.08075	0.27467	1.292792	488.6071	1194.193	0.255246	0.363512	526.1153	470.0411	6.138849	100	21
1669.278	1308.278	330.8481	20.08225	0.273733	1.390219	503.9728	1207.263	0.254374	0.373535	513.4856	445.5978	5.81926	100	19.9
1669.43	1308.43	330.8532	20.08375	0.278917	1.310674	516.3726	1226.003	0.259355	0.387738	487.0125	389.7522	5.089637	100	16.9
1669.582	1308.582	330.8584	20.08526	0.289995	1.154481	521.4016	1229.759	0.269994	0.371728	494.4232	406.0611	5.302283	100	16.9
1669.735	1308.735	330.8635	20.08676	0.30555	0.970147	518.3262	1233.713	0.284968	0.364523	483.7023	382.2859	4.991526	100	14.8
1669.887	1308.887	330.8686	20.08826	0.320709	0.876833	510.1729	1231.636	0.299611	0.367777	459.0059	322.7469	4.213866	100	11.6
1670.04	1309.04	330.8737	20.08976	0.328879	0.86764	500.2159	1236.322	0.307532	0.36411	453.1336	307.5153	4.014754	100	10.6
1670.192	1309.192	330.8789	20.09126	0.330015	0.926507	489.9509	1240.596	0.308655	0.396723	406.5791	170.496	2.225768	100	5.2
1670.344	1309.344	330.884	20.09277	0.331121	0.948169	480.1052	1238.835	0.309749	0.39993	400.6422	156.7783	2.046563	100	4.6
1670.497	1309.497	330.8891	20.09427	0.331073	0.949097	471.7455	1233.152	0.309727	0.414167	381.0268	124.7809	1.628773	100	3.4
1670.649	1309.649	330.8942	20.09577	0.323544	1.005947	466.8092	1225.12	0.302468	0.41078	395.7191	147.0588	1.919451	100	4.4
1670.802	1309.802	330.8993	20.09727	0.306436	1.188055	467.3573	1212.202	0.285986	0.413942	414.0994	191.7411	2.502505	100	6.7
1670.954	1309.954	330.9045	20.09878	0.293798	1.321637	473.7326	1220.025	0.273856	0.402878	446.1069	288.6999	3.767729	100	11.4
1671.106	1310.106	330.9096	20.10028	0.293156	1.248859	482.6297	1217.702	0.273263	0.371177	490.6727	397.8763	5.192239	100	16.3
1671.259	1310.259	330.9147	20.10178	0.302562	1.048459	487.9793	1219.1	0.282327	0.354041	501.8122	421.7851	5.503911	100	16.7
1671.411	1310.411	330.9198	20.10328	0.313041	0.891531	485.1166	1211.135	0.292445	0.350692	492.4716	401.8196	5.24306	100	15.2
1671.564	1310.564	330.925	20.10479	0.322169	0.810044	474.6739	1187.053	0.30128	0.331604	506.6206	431.7423	5.633155	100	15.9
1671.716	1310.716	330.9301	20.10629	0.321652	0.848982	463.0273	1177.318	0.300804	0.363975	462.6055	331.8697	4.329805	100	11.9
1671.868	1310.868	330.9352	20.10779	0.310774	0.980075	457.3512	1182.589	0.29033	0.388534	443.1678	280.6323	3.661103	100	10.3
1672.021	1311.021	330.9403	20.10929	0.293538	1.117509	459.8776	1193.558	0.273771	0.38295	473.7257	359.0728	4.684145	100	14.5
1672.173	1311.173	330.9454	20.11079	0.278317	1.195197	467.0977	1199.859	0.259204	0.361275	523.7387	465.5411	6.072666	100	20.4
1672.326	1311.326	330.9506	20.1123	0.267355	1.233202	473.5939	1215.931	0.248753	0.351979	550.9907	514.5971	6.712157	100	23.8

1672.478	1311.478	330.9557	20.1138	0.270953	1.152217	476.1903	1248.73	0.252212	0.357776	538.2164	492.2771	6.420634	100	22.3
1672.63	1311.63	330.9608	20.1153	0.282845	1.152716	475.3063	1264.776	0.263609	0.365273	512.143	442.9206	5.77654	100	19
1672.783	1311.783	330.9659	20.1168	0.29252	1.175311	473.9743	1269.067	0.272911	0.396514	456.1942	315.5085	4.11459	100	12.6
1672.935	1311.935	330.971	20.11831	0.291896	1.311346	474.2301	1287.57	0.272335	0.436698	401.5336	158.6897	2.069367	100	5.7
1673.088	1312.088	330.9762	20.11981	0.289428	1.334751	475.4706	1305.015	0.26999	0.448192	388.9086	135.6388	1.768669	100	4.7
1673.24	1312.24	330.9813	20.12131	0.292349	1.285003	476.1393	1320.442	0.272817	0.431507	408.0333	174.2384	2.271852	100	6.4
1673.392	1312.392	330.9864	20.12281	0.296591	1.228309	475.5189	1342.87	0.276915	0.451572	374.6884	117.4988	1.531945	100	3.7
1673.545	1312.545	330.9915	20.12431	0.29522	1.245648	474.2218	1346.618	0.275621	0.440904	391.1962	139.2394	1.815288	100	4.7
1673.697	1312.697	330.9966	20.12582	0.28293	1.398287	473.8267	1349.199	0.263855	0.403058	459.6591	324.4141	4.229182	100	13.6
1673.85	1312.85	331.0018	20.12732	0.26326	1.69307	475.1496	1355.263	0.245082	0.390382	503.0595	424.3886	5.532149	100	19.8
1674.002	1313.002	331.0069	20.12882	0.25228	1.903202	477.0442	1359.149	0.234653	0.421477	474.541	361.011	4.7057	100	17.5
1674.154	1313.154	331.012	20.13032	0.261345	1.781044	478.5005	1363.755	0.243304	0.445444	429.5282	241.5863	3.148834	100	10.8
1674.307	1313.307	331.0171	20.13182	0.276601	1.601362	479.1089	1371.621	0.257891	0.452131	400.1696	155.785	2.030377	100	6.1
1674.459	1313.459	331.0222	20.13333	0.288813	1.487923	478.8218	1377.619	0.269612	0.449231	387.9978	134.266	1.749808	100	4.7
1674.612	1313.612	331.0274	20.13483	0.292805	1.453119	478.1982	1381.358	0.273466	0.441542	393.2894	142.7367	1.860089	100	5
1674.764	1313.764	331.0325	20.13633	0.293646	1.43346	477.7235	1382.881	0.274297	0.428732	409.8203	179.0656	2.33337	100	6.6
1674.916	1313.916	331.0376	20.13783	0.290525	1.44406	477.4905	1383.527	0.271325	0.433723	407.0338	171.6488	2.236588	100	6.4
1675.069	1314.069	331.0427	20.13934	0.285033	1.531668	477.1779	1380.7	0.266081	0.438684	407.4242	172.6511	2.24951	100	6.6
1675.221	1314.221	331.0478	20.14084	0.281516	1.563933	476.319	1371.027	0.262736	0.445456	402.6957	161.2565	2.10092	100	6.2
1675.374	1314.374	331.053	20.14234	0.281688	1.582624	474.4664	1362.996	0.262924	0.446458	401.0535	157.6542	2.053863	100	6
1675.526	1314.526	331.0581	20.14384	0.284253	1.534251	471.769	1347.175	0.265404	0.435677	412.5088	186.836	2.433885	100	7.3
1675.678	1314.678	331.0632	20.14535	0.286168	1.520772	468.7984	1326.195	0.267263	0.427438	421.3125	216.7189	2.822992	100	8.6
1675.831	1314.831	331.0683	20.14685	0.286242	1.489337	466.5519	1316.374	0.267357	0.410004	445.2418	286.3375	3.729622	100	11.7
1675.983	1314.983	331.0734	20.14835	0.284421	1.473449	465.4993	1308.643	0.265635	0.417946	436.6588	262.3357	3.416785	100	10.7
1676.136	1315.136	331.0786	20.14985	0.283475	1.392551	464.8281	1294.194	0.264753	0.433308	416.6757	200.2113	2.607489	100	7.8
1676.288	1315.288	331.0837	20.15135	0.284992	1.298541	463.1817	1272.987	0.266229	0.452113	388.6879	135.3031	1.762038	100	4.8
1676.44	1315.44	331.0888	20.15286	0.287471	1.218598	459.6936	1254.992	0.26863	0.456669	379.0871	122.4298	1.594293	100	4.1
1676.593	1315.593	331.0939	20.15436	0.28572	1.205877	455.1542	1244.324	0.266974	0.432089	415.2928	195.5814	2.546725	100	7.5
1676.745	1315.745	331.099	20.15586	0.277694	1.236913	452.0152	1236.313	0.259312	0.404413	464.0587	335.5077	4.368483	100	14.3
1676.898	1315.898	331.1042	20.15736	0.268972	1.245725	452.4142	1224.604	0.251	0.392858	491.4755	399.6402	5.203206	100	18
1677.05	1316.05	331.1093	20.15886	0.264314	1.201422	456.1982	1227.058	0.246579	0.376604	520.0084	458.3862	5.9677	100	21.2
1677.202	1316.202	331.1144	20.16037	0.268352	1.120747	461.5606	1231.518	0.250455	0.384861	503.2647	424.8155	5.530306	100	19.2
1677.355	1316.355	331.1195	20.16187	0.276422	1.088423	466.3608	1236.576	0.258189	0.406262	463.059	333.0077	4.334878	100	14.2
1677.507	1316.507	331.1246	20.16337	0.283647	1.130412	469.7161	1243.461	0.265128	0.428843	422.3196	219.8243	2.861356	100	8.6
1677.66	1316.66	331.1298	20.16487	0.284928	1.195516	472.1157	1252.418	0.266379	0.424142	427.0807	234.2882	3.049441	100	9.3
1677.812	1316.812	331.1349	20.16638	0.283333	1.254241	474.0451	1261.675	0.264874	0.422949	430.8034	245.3529	3.193261	100	9.9
1677.964	1316.964	331.14	20.16788	0.283407	1.297358	475.4792	1264.368	0.264968	0.430873	419.739	211.2014	2.748613	100	8.3
1678.117	1317.117	331.1451	20.16938	0.285306	1.342111	476.0876	1259.384	0.266811	0.441131	403.0402	162.0342	2.108615	100	6
1678.269	1317.269	331.1502	20.17088	0.286296	1.379208	475.6416	1254.928	0.267783	0.426248	422.2375	219.5718	2.857201	100	8.6
1678.422	1317.422	331.1554	20.17238	0.285976	1.377636	474.1572	1254.463	0.2675	0.428571	419.4211	210.0114	2.732629	100	8.2
1678.574	1317.574	331.1605	20.17389	0.28606	1.355305	472.1013	1244.699	0.267604	0.429818	417.5576	203.2691	2.644738	100	7.9
1678.726	1317.726	331.1656	20.17539	0.285168	1.336232	470.5662	1236.464	0.266773	0.422151	429.2852	240.8657	3.133719	100	9.6
1678.879	1317.879	331.1707	20.17689	0.284925	1.262206	470.5139	1227.96	0.266564	0.385587	480.0316	373.8712	4.863856	100	15.7
1679.031	1318.031	331.1758	20.17839	0.282319	1.219833	472.3418	1225.332	0.26409	0.376423	496.0915	409.6572	5.329088	100	17.5
1679.184	1318.184	331.181	20.1799	0.282754	1.193909	475.5988	1228.915	0.264531	0.378547	492.5536	401.9985	5.229141	100	17.1
1679.336	1318.336	331.1861	20.1814	0.286644	1.174978	478.989	1238.453	0.268281	0.394913	464.7926	337.3353	4.387744	100	13.9
1679.488	1318.488	331.1912	20.1829	0.292479	1.157798	481.7759	1255.955	0.273902	0.433496	403.7902	163.7548	2.129841	100	5.8
1679.641	1318.641	331.1963	20.1844	0.297303	1.145826	483.4735	1253.858	0.27856	0.440141	388.1928	134.5571	1.749981	100	4.4
1679.793	1318.793	331.2014	20.18591	0.30097	1.143353	483.9103	1262.01	0.282108	0.439718	383.8796	128.456	1.670531	100	4.1
1679.946	1318.946	331.2066	20.18741	0.310128	1.089452	483.4232	1267.896	0.290949	0.428443	387.2389	133.1473	1.731436	100	4.1
1680.098	1319.098	331.2117	20.18891	0.315299	1.071678	482.1326	1269.629	0.295959	0.416281	397.1084	149.6654	1.946117	100	4.7
1680.25	1319.25	331.2168	20.19041	0.310262	1.153811	480.4356	1273.621	0.291125	0.378632	455.7349	314.3167	4.086852	100	11.7
1680.403	1319.403	331.2219	20.19191	0.295894	1.29854	478.5477	1266.255	0.277322	0.378822	474.5216	360.9648	4.693102	100	14.5
1680.555	1319.555	331.227	20.19341	0.284716	1.410432	476.9839	1267.146	0.266621	0.415779	438.288	266.972	3.470839	100	10.8
1680.708	1319.708	331.2322	20.19492	0.282861	1.388385	476.8843	1261.186	0.264866	0.420154	434.672	256.6299	3.336181	100	10.4
1680.86	1319.86	331.2373	20.19642	0.282795	1.348191	478.966	1259.279	0.264827	0.412503	445.2849	286.4553	3.723685	100	11.8
1681.012	1320.012	331.2424	20.19792	0.28415	1.319327	483.0931	1253.766	0.266148	0.431201	417.6578	203.6217	2.646755	100	7.9
1681.165	1320.165	331.2475	20.19942	0.287768	1.264296	488.5348	1250.086	0.269639	0.440725	399.697	154.8049	2.012093	100	5.6
1681.317	1320.317	331.2527	20.20093	0.298301	1.169531	494.3512	1247.475	0.279776	0.463143	354.7723	100.4555	1.305601	100	2.9
1681.47	1320.47	331.2578	20.20243	0.309329	1.088361	499.4819	1236.182	0.290413	0.461425	342.4638	92.8608	1.206821	100	2.4
1681.622	1320.622	331.2629	20.20393	0.31367	1.064908	502.6878	1212.344	0.294622	0.457926	341.4842	92.32303	1.19976	100	2.3
1681.774	1320.774	331.268	20.20543	0.314363	1.050282	503.0836	1200.414	0.295313	0.444085	359.6301	103.9702	1.351035	100	2.8
1681.927	1320.927	331.2731	20.20694	0.320833	0.955485	500.9703	1200.682	0.301582	0.43595	362.2058	105.9795	1.377062	100	2.8
1682.079	1321.079	331.2783	20.20844	0.330942	0.852181	498.1013	1204.265	0.311381	0.426959	361.0916	105.0971	1.365513	100	2.5
1682.232	1321.232	331.2834	20.20994	0.339806	0.786917	496.5853	1194.803	0.319992	0.405181	379.2624	122.6376	1.593318	100	3.1
1682.384	1321.384	331.2885	20.21144	0.341241	0.739991	497.5525	1191.944	0.321407	0.368501	427.9275	236.8236	3.076647	100	7.4
1682.536	1321.536	331.2936	20.21294	0.338357	0.719908	501.6001	1192.699	0.318633	0.351923	454.6324	311.4448	4.045828	100	10.3
1682.689	1321.689	331.2988	20.21445	0.328834	0.777538	509.2807	1197.139	0.309434	0.37074	441.3589	275.6077	3.580067	100	9.3
1682.841	1321.841	331.3039	20.21595	0.315875	0.911712	518.6602	1196.129	0.296935	0.403375	413.5726	190.0902	2.46907	100	6.3
1682.994	1321.994	331.309	20.21745	0.309379	1.02515	524.7499	1180.875	0.290695	0.43531	378.1138	121.2924	1.575364	100	3.6
1683.146	1322.146	331.3141	20.21895	0.315059	0.985475	523.9641	1173.929	0.296195	0.438884	365.5911	108.7927	1.412931	100	3
1683.298	1322.298	331.3192	20.22046	0.325979	0.868412	519.3295	1174.515	0.306766	0.395662	410.6496	181.3956	2.355707	100	5.7
1683.451	1322.451	331.3244	20.22196	0.333839	0.761366	516.6065	1176.465	0.314396	0.345815	468.9099	347.4698	4.512169	100	11.9
1683.603	1322.603	331.3295	20.22346	0.332168	0.734518	517.8214	1174.071	0.312801	0.298311	536.6652	489.488	6.356003	100	17.6
1683.756	1322.756	331.3346	20.22496	0.328739	0.733037	520.0812	1179.032	0.309505	0.296902	543.1582	501.0466	6.505699	100	18.2
1683.908	1322.908	331.3397	20.22646	0.328926	0.744376	516.0626	1190.405	0.30971	0.322116	508.0796	434.7218	5.644182	100	15.6
1684.06	1323.06	331.3448	20.22797	0.340328	0.73028	502.1136	1196.021	0.320778	0.373177	422.3424	219.8944	2.85481	100	6.8
1684.213	1323.213	331.35	20.22947	0.349049	0.772053	483.5569	1204.975	0.329266	0.397347	377.2742	120.333	1.562146	100	2.9
1684.365	1323.365	331.3551	20.23097	0.339955	0.9161	468.7665	1216.088	0.320463	0.409454	372.7144	115.4508	1.498675	100	2.9
1684.518	1323.518	331.3602	20.23247	0.310693	1.181462	461.4612	1222.741	0.292195	0.406768	415.4311	196.0355	2.544597	100	6.7

1684.67	1323.67	331.3653	20.23397	0.287809	1.292123	460.2976	1236.148	0.270216	0.400211	454.8113	311.9117	4.048459	100	12.7
1684.822	1323.822	331.3704	20.23548	0.284209	1.151522	462.4843	1249.721	0.266789	0.411616	443.8021	282.3833	3.664972	100	11.5
1684.975	1323.975	331.3756	20.23698	0.293732	0.958619	465.4013	1250.541	0.275947	0.445159	384.874	129.802	1.68456	100	4.2
1685.127	1324.127	331.3807	20.23848	0.296083	0.964671	467.5118	1244.636	0.278228	0.452711	371.3034	114.0442	1.479968	100	3.5
1685.28	1324.28	331.3858	20.23998	0.292993	1.060108	468.4249	1243.696	0.275284	0.443921	387.4977	133.5262	1.732684	100	4.4
1685.432	1324.432	331.3909	20.24149	0.288216	1.13915	468.9984	1248.115	0.270723	0.442742	395.418	146.5071	1.901013	100	5.1
1685.584	1324.584	331.396	20.24299	0.282777	1.209677	470.4706	1247.015	0.265534	0.443351	401.739	159.137	2.064768	100	5.9
1685.737	1324.737	331.4012	20.24449	0.275387	1.300224	473.0192	1249.469	0.258484	0.43703	420.1907	212.9123	2.762324	100	8.6
1685.889	1324.889	331.4063	20.24599	0.269361	1.379378	475.9014	1254.045	0.25275	0.445565	416.3246	199.0172	2.581893	100	8.2
1686.042	1325.042	331.4114	20.2475	0.272362	1.322446	478.1801	1254.645	0.25564	0.455212	399.0244	153.4327	1.990395	100	5.9
1686.194	1325.194	331.4165	20.249	0.277302	1.259621	479.3379	1257.317	0.260385	0.460579	385.07	130.0713	1.687239	100	4.7
1686.346	1325.346	331.4216	20.2505	0.284671	1.182269	479.6224	1256.643	0.267464	0.461848	373.549	116.3051	1.508577	100	3.9
1686.499	1325.499	331.4268	20.252	0.288726	1.150545	479.8051	1257.399	0.271375	0.48176	340.6743	91.88482	1.191753	100	2.7
1686.651	1325.651	331.4319	20.2535	0.292506	1.109635	481.1057	1262.059	0.275025	0.468077	354.5186	100.2809	1.300573	100	3
1686.804	1325.804	331.437	20.25501	0.290813	1.131956	484.893	1260.961	0.273424	0.443446	390.7195	138.4707	1.795758	100	4.7
1686.956	1325.956	331.4421	20.25651	0.287621	1.17515	491.8304	1253.077	0.270385	0.403253	450.3794	300.2184	3.893149	100	12.1
1687.108	1326.108	331.4472	20.25801	0.285974	1.207442	501.4229	1250.414	0.26883	0.38562	476.8596	366.4821	4.752151	100	15.2
1687.261	1326.261	331.4524	20.25951	0.288656	1.177639	512.2219	1247.425	0.271425	0.383859	475.7093	363.7754	4.716769	100	14.9
1687.413	1326.413	331.4575	20.26101	0.291566	1.163285	522.3063	1244.014	0.27424	0.381928	474.4875	360.8839	4.678995	100	14.6
1687.566	1326.566	331.4626	20.26252	0.294009	1.143871	529.7392	1241.083	0.276609	0.377901	476.7768	366.2877	4.748769	100	14.7
1687.718	1326.718	331.4677	20.26402	0.297577	1.12176	533.082	1229.371	0.280059	0.380465	468.4763	346.412	4.490817	100	13.6
1687.87	1326.87	331.4728	20.26552	0.302693	1.08458	532.1723	1226.672	0.285003	0.393726	443.3534	281.1453	3.644493	100	10.6
1688.023	1327.023	331.478	20.26702	0.309226	1.044204	528.3886	1224.388	0.291317	0.395459	432.2497	249.5948	3.235308	100	9
1688.175	1327.175	331.4831	20.26853	0.315498	1.01614	523.4491	1219.304	0.297388	0.393272	426.8891	233.7127	3.029256	100	8.1
1688.328	1327.328	331.4882	20.27003	0.32073	0.977535	517.1282	1224.596	0.302463	0.395249	417.1587	201.8755	2.616442	100	6.6
1688.48	1327.48	331.4933	20.27153	0.324372	0.932872	509.1146	1227.739	0.306005	0.401128	404.156	164.6079	2.1333	100	5
1688.632	1327.632	331.4984	20.27303	0.324661	0.896301	500.8122	1228.807	0.306307	0.409532	392.1416	140.7942	1.824567	100	4.1
1688.785	1327.785	331.5036	20.27453	0.319488	0.900378	494.1704	1216.043	0.301332	0.407218	402.2013	160.1538	2.075324	100	4.9
1688.937	1327.937	331.5087	20.27604	0.30691	0.989098	490.7678	1199.488	0.289226	0.408684	416.8848	200.9286	2.60354	100	7
1689.09	1328.09	331.5138	20.27754	0.297359	1.087186	489.9377	1198.985	0.28006	0.40225	438.4125	267.3246	3.46366	100	10.2
1689.242	1328.242	331.5189	20.27904	0.292132	1.160138	489.8251	1196.644	0.275062	0.391426	460.246	325.9078	4.222453	100	13
1689.394	1328.394	331.524	20.28054	0.293591	1.098612	488.8584	1209.198	0.276486	0.380931	472.7636	356.7759	4.6221	100	14.3
1689.547	1328.547	331.5292	20.28205	0.294682	1.037624	486.2466	1225.218	0.277557	0.384502	466.3584	341.2132	4.420215	100	13.5
1689.699	1328.699	331.5343	20.28355	0.294657	1.013849	483.1456	1236.275	0.277557	0.401669	442.6694	279.2523	3.61733	100	10.8
1689.852	1328.852	331.5394	20.28505	0.293587	1.069454	481.4931	1254.443	0.276553	0.423557	413.8483	190.9511	2.473359	100	6.9
1690.004	1329.004	331.5445	20.28655	0.291758	1.184017	481.7996	1272.096	0.27482	0.429237	408.4007	175.2098	2.269328	100	6.3
1690.156	1329.156	331.5496	20.28806	0.293222	1.263629	482.9733	1299.771	0.276249	0.431317	403.5585	163.2192	2.113897	100	5.8
1690.309	1329.309	331.5548	20.28956	0.295222	1.295921	483.623	1309.007	0.278193	0.423207	412.0691	185.5215	2.402596	100	6.7
1690.461	1329.461	331.5599	20.29106	0.295408	1.302985	483.1611	1326.074	0.278395	0.429103	403.6535	163.4382	2.116479	100	5.8
1690.614	1329.614	331.565	20.29256	0.294456	1.294053	481.7433	1333.462	0.277504	0.432764	399.831	155.0814	2.008139	100	5.4
1690.766	1329.766	331.5701	20.29406	0.294528	1.307798	480.1445	1337.212	0.277596	0.416122	422.6686	220.8967	2.860205	100	8.3
1690.918	1329.918	331.5752	20.29557	0.295649	1.302116	479.0477	1334.496	0.278696	0.41253	426.1091	231.3652	2.995571	100	8.7
1691.071	1330.071	331.5804	20.29707	0.296419	1.312211	478.6747	1330.388	0.279459	0.426381	405.9411	168.9045	2.186738	100	6
1691.223	1330.223	331.5855	20.29857	0.296189	1.29821	479.0925	1324.439	0.279261	0.44366	382.3692	126.4767	1.637344	100	4.1
1691.376	1330.376	331.5906	20.30007	0.295207	1.272348	480.1931	1321.219	0.278342	0.436789	393.1205	142.447	1.84398	100	4.8
1691.528	1330.528	331.5957	20.30157	0.293965	1.239968	481.6397	1310.186	0.277171	0.420577	417.1071	201.6965	2.61081	100	7.5
1691.68	1330.68	331.6008	20.30308	0.294269	1.21345	482.9214	1310.38	0.277487	0.41692	421.7183	217.9723	2.821317	100	8.2
1691.833	1330.833	331.606	20.30458	0.295257	1.218014	483.6313	1316.791	0.278458	0.43517	395.1924	146.0968	1.890885	100	5
1691.985	1330.985	331.6111	20.30608	0.296606	1.195309	483.3821	1315.16	0.279778	0.433031	396.3247	148.1824	1.917763	100	5
1692.138	1331.138	331.6162	20.30758	0.298966	1.199545	482.0153	1307.786	0.282069	0.434133	391.6411	139.9661	1.811319	100	4.6
1692.29	1331.29	331.6213	20.30909	0.300718	1.172625	479.9909	1306.036	0.283777	0.420755	407.7458	173.4858	2.244965	100	6
1692.442	1331.442	331.6265	20.31059	0.299259	1.180266	478.116	1307.348	0.282398	0.409935	424.5814	226.7399	2.933915	100	8.4
1692.595	1331.595	331.6316	20.31209	0.296577	1.196559	477.1651	1304.626	0.279843	0.417942	417.0573	201.524	2.607476	100	7.4
1692.747	1331.747	331.6367	20.31359	0.296288	1.190448	477.3223	1302.601	0.279589	0.434647	394.3549	144.5961	1.870785	100	4.9
1692.9	1331.9	331.6418	20.31509	0.299452	1.15428	478.0801	1308.472	0.282653	0.448957	370.3789	113.1474	1.463814	100	3.4
1693.052	1332.052	331.6469	20.3166	0.297663	1.167094	478.9266	1311.853	0.280956	0.450598	370.4552	113.2207	1.464673	100	3.5
1693.204	1332.204	331.6521	20.3181	0.291046	1.257822	479.681	1318.472	0.274625	0.428908	409.1238	177.1533	2.291596	100	6.5
1693.357	1332.357	331.6572	20.3196	0.284451	1.36586	480.5942	1319.822	0.268324	0.414362	437.8936	265.8532	3.43878	100	10.7
1693.509	1332.509	331.6623	20.3211	0.284435	1.39047	481.863	1317.061	0.268331	0.425707	422.2265	219.5378	2.839525	100	8.6
1693.662	1332.662	331.6674	20.32261	0.290244	1.286565	483.0588	1319.472	0.273924	0.431465	406.5624	170.4539	2.204536	100	6.2
1693.814	1332.814	331.6726	20.32411	0.295379	1.199382	483.5147	1315.009	0.278877	0.432448	398.3708	152.1245	1.967357	100	5.2
1693.966	1332.966	331.6777	20.32561	0.296214	1.173173	483.0117	1311.753	0.279703	0.440724	385.8105	131.1018	1.695378	100	4.3
1694.119	1333.119	331.6828	20.32711	0.294456	1.189202	481.3906	1310.673	0.278038	0.445646	381.3159	125.1413	1.6182	100	4.1
1694.271	1333.271	331.6879	20.32862	0.291917	1.21687	478.3183	1303.253	0.275623	0.432158	403.2621	162.5393	2.101667	100	5.8
1694.424	1333.424	331.693	20.33012	0.289956	1.251693	474.3792	1284.289	0.273765	0.41791	425.4888	229.4915	2.967194	100	8.8
1694.576	1333.576	331.6982	20.33162	0.289153	1.273131	471.272	1283.452	0.273017	0.439696	396.4561	148.4287	1.918983	100	5.2
1694.728	1333.728	331.7033	20.33312	0.291837	1.219415	470.5402	1279.811	0.275616	0.43582	398.2185	151.823	1.962749	100	5.3
1694.881	1333.881	331.7084	20.33462	0.299788	1.104535	472.0154	1270.315	0.283277	0.441817	379.3703	122.766	1.587008	100	3.8
1695.033	1334.033	331.7135	20.33612	0.31195	0.959815	473.7448	1271.873	0.295012	0.470563	323.5072	83.73237	1.082351	100	1.9
1695.186	1334.186	331.7186	20.33763	0.322377	0.865552	474.0483	1276.797	0.305099	0.476397	301.5362	75.50405	0.97593	100	1.5
1695.338	1334.338	331.7238	20.33913	0.319062	0.884717	472.9671	1277.691	0.30192	0.461228	326.8555	85.1751	1.100868	100	1.9
1695.49	1334.49	331.7289	20.34063	0.299518	1.062222	472.3624	1279.053	0.283111	0.427794	398.9517	153.2859	1.981065	100	5.1
1695.643	1334.643	331.734	20.34213	0.280018	1.299221	473.9964	1284.944	0.264426	0.418262	437.8911	265.8461	3.435584	100	10.9
1695.795	1334.795	331.7391	20.34364	0.269732	1.404983	477.9359	1291.297	0.254615	0.418262	451.4302	303.0139	3.915674	100	13.2
1695.948	1334.948	331.7443	20.34514	0.272417	1.357746	482.8982	1293.027	0.257203	0.417342	449.1283	296.8707	3.836059	100	12.7
1696.1	1335.1	331.7494	20.34664	0.276705	1.328498	487.1679	1292.709	0.261326	0.43214	423.0166	221.9642	2.867971	100	9
1696.252	1335.252	331.7545	20.34814	0.283346	1.267337	489.4563	1292.899	0.267706	0.431282	415.3977	195.9257	2.531378	100	7.5
1696.405	1335.405	331.7596	20.34965	0.289029	1.204249	489.3881	1297.735	0.273177	0.43668	400.3982	156.2638	2.01882	100	5.6
1696.557	1335.557	331.7647	20.35115	0.290299	1.205731	487.5004	1298.709	0.274418	0.445038	387.1509	133.019	1.718411	100	4.5
1696.71	1335.71	331.7699	20.35265	0.290073	1.234955	485.2221	1300.745	0.274225	0.458946	368.2248	111.1301	1.435552	100	3.5

1696.862	1335.862	331.775	20.35415	0.290549	1.233251	484.0456	1301.819	0.274704	0.428627	409.4038	177.9173	2.298155	100	6.5
1697.014	1336.014	331.7801	20.35565	0.29415	1.168925	484.3269	1304.342	0.278184	0.4139	424.9244	227.7814	2.942072	100	8.6
1697.167	1336.167	331.7852	20.35716	0.298024	1.117902	485.3734	1303.071	0.28193	0.38963	453.2473	307.8145	3.975556	100	11.9
1697.319	1336.319	331.7903	20.35866	0.299329	1.09247	485.9626	1295.995	0.283207	0.40311	432.882	251.4396	3.247256	100	9.4
1697.472	1336.472	331.7955	20.36016	0.29933	1.089068	485.0531	1292.496	0.283232	0.404206	431.3365	246.9201	3.188697	100	9.2
1697.624	1336.624	331.8006	20.36166	0.299202	1.124086	482.1872	1297.364	0.283131	0.420869	408.4792	175.4188	2.265201	100	6.1
1697.776	1336.776	331.8057	20.36316	0.301021	1.122916	477.7049	1292.638	0.284904	0.431925	390.7749	138.5594	1.789124	100	4.5
1697.929	1336.929	331.8108	20.36467	0.301052	1.127754	473.0479	1288.139	0.284957	0.44	379.5589	122.9912	1.588007	100	3.8
1698.081	1337.081	331.8159	20.36617	0.295512	1.162117	470.417	1286.46	0.279655	0.42993	400.7733	157.0563	2.027718	100	5.4
1698.234	1337.234	331.8211	20.36767	0.287612	1.237569	471.5907	1286.523	0.272095	0.4088	440.3652	272.8278	3.522206	100	10.8
1698.386	1337.386	331.8262	20.36917	0.283294	1.28979	475.9684	1293.297	0.26798	0.420825	429.449	241.3515	3.115661	100	9.6
1698.538	1337.538	331.8313	20.37068	0.289603	1.207769	480.4162	1295.708	0.274051	0.447796	383.8503	128.4169	1.657662	100	4.3
1698.691	1337.691	331.8364	20.37218	0.299619	1.12402	482.1138	1293.64	0.283695	0.450334	367.0404	110.062	1.420643	100	3.3
1698.843	1337.843	331.8415	20.37368	0.30682	1.077887	480.6483	1291.402	0.290647	0.453696	352.8074	99.12599	1.279409	100	2.7
1698.996	1337.996	331.8467	20.37518	0.304826	1.138957	477.6809	1288.875	0.288751	0.462053	343.8908	93.65975	1.208784	100	2.5
1699.148	1338.148	331.8518	20.37668	0.301057	1.188487	475.1865	1291.155	0.285147	0.452729	361.7314	105.6012	1.36282	100	3.1
1699.3	1338.3	331.8569	20.37819	0.295586	1.254353	474.0134	1292.843	0.279911	0.43468	393.8641	143.7329	1.85481	100	4.9
1699.453	1338.453	331.862	20.37969	0.292044	1.262057	474.1866	1293.883	0.276532	0.427321	408.6822	175.9614	2.270569	100	6.4
1699.605	1338.605	331.8671	20.38119	0.287671	1.293516	475.3824	1297.806	0.27236	0.406323	443.4179	281.3233	3.62992	100	11.2
1699.758	1338.758	331.8723	20.38269	0.280925	1.353353	476.7719	1304.699	0.26592	0.409992	447.2421	291.7843	3.764671	100	12
1699.91	1338.91	331.8774	20.3842	0.273402	1.411787	477.7771	1317.106	0.258747	0.418797	444.9893	285.646	3.685251	100	12.1
1700.062	1339.062	331.8825	20.3857	0.268072	1.485478	478.5411	1339.316	0.253679	0.428148	439.0781	269.2065	3.472949	100	11.6
1700.215	1339.215	331.8876	20.3872	0.270504	1.52113	479.5718	1347.353	0.256025	0.464725	385.366	130.4809	1.683192	100	4.9
1700.367	1339.367	331.8927	20.3887	0.280455	1.419634	481.0152	1364.067	0.265562	0.491122	335.7765	89.35032	1.152543	100	2.8
1700.52	1339.52	331.8979	20.39021	0.28834	1.337553	482.8589	1397.078	0.273141	0.496383	318.0576	81.50679	1.051304	100	2.3
1700.672	1339.672	331.903	20.39171	0.295023	1.261377	484.9883	1406.774	0.279578	0.482447	328.4047	85.86397	1.107438	100	2.3
1700.824	1339.824	331.9081	20.39321	0.298082	1.264685	486.8542	1422.42	0.282541	0.466332	346.5564	95.20467	1.227837	100	2.7
1700.977	1339.977	331.9132	20.39471	0.30328	1.259549	488.2341	1445.252	0.287564	0.460218	348.0611	96.10873	1.239423	100	2.7
1701.129	1340.129	331.9183	20.39621	0.307558	1.259946	488.7758	1444.291	0.291705	0.455977	348.1979	96.19209	1.240423	100	2.6
1701.282	1340.282	331.9235	20.39772	0.310094	1.25537	487.8884	1435.565	0.294172	0.454944	346.2198	95.00568	1.22505	100	2.5
1701.434	1340.434	331.9286	20.39922	0.309214	1.281856	485.5496	1425.405	0.293347	0.462062	337.5364	90.23914	1.163518	100	2.4
1701.586	1340.586	331.9337	20.40072	0.306521	1.324897	482.4456	1419.694	0.290776	0.445791	363.538	107.0622	1.380347	100	3.1
1701.739	1340.739	331.9388	20.40222	0.302949	1.421522	479.8845	1409.41	0.28736	0.422233	400.7619	157.0323	2.024488	100	5.3
1701.891	1340.891	331.9439	20.40372	0.299159	1.4471	478.5143	1384.055	0.283738	0.380123	463.8724	335.0427	4.319171	100	13.1
1702.044	1341.044	331.9491	20.40523	0.295349	1.387366	478.5067	1376.135	0.2801	0.387011	459.3871	323.7205	4.17296	100	12.8
1702.196	1341.196	331.9542	20.40673	0.293316	1.285591	479.7977	1367.872	0.27817	0.412173	427.3267	235.0257	3.029447	100	8.9
1702.348	1341.348	331.9593	20.40823	0.292923	1.223386	481.5716	1357.948	0.277816	0.430068	403.1204	162.2163	2.090819	100	5.7
1702.501	1341.501	331.9644	20.40973	0.293483	1.174033	483.1293	1355.822	0.278377	0.445849	380.5684	124.2148	1.600919	100	4
1702.653	1341.653	331.9695	20.41124	0.295622	1.159493	483.8804	1349.998	0.280454	0.455709	364.0948	107.5239	1.385718	100	3.2
1702.806	1341.806	331.9747	20.41274	0.298043	1.212196	483.6822	1348.733	0.282804	0.460783	353.8498	99.82508	1.286422	100	2.9
1702.958	1341.958	331.9798	20.41424	0.299639	1.270647	482.963	1356.117	0.284361	0.456833	357.1516	102.1344	1.316103	100	3
1703.11	1342.11	331.9849	20.41574	0.298089	1.300829	482.3107	1358.499	0.282894	0.450208	368.3199	111.2171	1.433056	100	3.4
1703.263	1342.263	331.99	20.41724	0.294747	1.295942	482.036	1364.638	0.279706	0.455544	365.3549	108.5896	1.399118	100	3.3
1703.415	1342.415	331.9951	20.41875	0.290845	1.310084	482.0409	1364.959	0.275983	0.45846	366.4684	109.5562	1.411485	100	3.5
1703.568	1342.568	332.0003	20.42025	0.287506	1.346008	482.1919	1365.821	0.272804	0.454494	376.33	119.2774	1.536639	100	4
1703.72	1342.72	332.0054	20.42175	0.287713	1.352836	482.3366	1365.003	0.273024	0.442926	391.9886	140.5398	1.810451	100	4.9
1703.872	1342.872	332.0105	20.42325	0.288612	1.3405	482.3067	1362.864	0.27391	0.427762	411.6921	184.4083	2.375429	100	6.9
1704.025	1343.025	332.0156	20.42476	0.290707	1.339477	482.1527	1370.152	0.275943	0.427528	409.2111	177.3909	2.284899	100	6.5
1704.177	1343.177	332.0207	20.42626	0.29172	1.361999	481.9353	1364.179	0.276938	0.441839	388.0876	134.3999	1.731045	100	4.6
1704.33	1343.33	332.0259	20.42776	0.292407	1.389446	481.4005	1356.011	0.27762	0.457242	365.8898	109.051	1.404472	100	3.4
1704.482	1343.482	332.031	20.42926	0.293032	1.412922	480.2684	1343.859	0.278244	0.470428	346.8336	95.36945	1.228194	100	2.8
1704.634	1343.634	332.0361	20.43077	0.292996	1.384193	478.5267	1336.954	0.278232	0.487997	322.604	83.35342	1.073383	100	2.3
1704.787	1343.787	332.0412	20.43227	0.293926	1.305925	476.7786	1338.491	0.279148	0.496676	309.3619	78.22437	1.007274	100	2
1704.939	1343.939	332.0464	20.43377	0.292703	1.259466	475.6561	1329.153	0.277997	0.486033	325.6396	84.64407	1.089873	100	2.3
1705.092	1344.092	332.0515	20.43527	0.289587	1.284785	475.5182	1328.22	0.27503	0.468844	353.455	99.55867	1.281836	100	3
1705.244	1344.244	332.0566	20.43677	0.286902	1.292723	476.5139	1325.54	0.272478	0.457827	372.1794	114.912	1.479425	100	3.8
1705.396	1344.396	332.0617	20.43828	0.286054	1.300388	478.4084	1325.278	0.271688	0.446959	388.2662	134.6671	1.733655	100	4.7
1705.549	1344.549	332.0668	20.43978	0.288582	1.25052	480.4362	1326.54	0.274135	0.430134	408.1085	174.4364	2.245497	100	6.4
1705.701	1344.701	332.072	20.44128	0.291857	1.238673	481.5302	1328.579	0.277301	0.429951	403.9925	164.2254	2.113926	100	5.8
1705.854	1344.854	332.0771	20.44278	0.295363	1.208763	481.1383	1333.897	0.280691	0.429722	399.6301	154.6671	1.990772	100	5.3
1706.006	1345.006	332.0822	20.44428	0.296587	1.214752	479.8824	1337.141	0.281889	0.423615	406.4045	170.0575	2.188736	100	6
1706.158	1345.158	332.0873	20.44579	0.296689	1.213816	478.9411	1340.07	0.282011	0.419457	411.9753	185.2433	2.384041	100	6.6
1706.311	1345.311	332.0924	20.44729	0.297062	1.224012	479.0506	1341.335	0.282391	0.40782	427.5087	235.5709	3.031566	100	8.8
1706.463	1345.463	332.0976	20.44879	0.298265	1.227626	480.3227	1344.939	0.283571	0.425846	401.0052	157.5508	2.027403	100	5.4
1706.616	1345.616	332.1027	20.45029	0.298392	1.23767	482.0551	1343.579	0.283717	0.428616	396.9818	149.4237	1.922706	100	5
1706.768	1345.768	332.1078	20.4518	0.297132	1.254209	483.381	1336.512	0.282528	0.440142	382.7148	126.923	1.63308	100	4.1
1706.92	1345.92	332.1129	20.4533	0.294756	1.288269	483.4496	1338.244	0.280268	0.447504	375.6744	118.5586	1.525368	100	3.8
1707.073	1346.073	332.1181	20.4548	0.29504	1.275673	481.7014	1334.255	0.280564	0.455746	363.8914	107.3546	1.381135	100	3.3
1707.225	1346.225	332.1232	20.4563	0.295321	1.266302	478.5529	1331.689	0.280857	0.454407	365.336	108.5734	1.396732	100	3.3
1707.378	1346.378	332.1283	20.4578	0.290934	1.314305	475.036	1326.506	0.276668	0.4668	354.0135	99.9361	1.285541	100	3
1707.53	1346.53	332.1334	20.45931	0.283822	1.433311	472.3098	1316.668	0.269872	0.452539	383.0738	127.3905	1.638606	100	4.4
1707.682	1346.682	332.1385	20.46081	0.27888	1.501443	470.8984	1311.348	0.265163	0.443298	402.3246	160.4274	2.063432	100	6.1
1707.835	1346.835	332.1437	20.46231	0.279751	1.485705	470.8461	1304.371	0.266019	0.425994	425.0216	228.0765	2.933365	100	9.2
1707.987	1346.987	332.1488	20.46381	0.28423	1.392555	472.0862	1301.533	0.270332	0.423437	422.5993	220.684	2.838118	100	8.6
1708.14	1347.14	332.1539	20.46531	0.288921	1.290388	474.3237	1301.678	0.274852	0.41655	425.8647	230.6277	2.965822	100	8.9
1708.292	1347.292	332.159	20.46682	0.293123	1.221055	477.0248	1293.176	0.278908	0.442131	384.9667	129.9293	1.670762	100	4.3
1708.444	1347.444	332.1641	20.46832	0.293773	1.229149	479.5893	1283.68	0.279555	0.420167	414.3841	192.6445	2.477069	100	7
1708.597	1347.597	332.1693	20.46982	0.293964	1.243104	481.4265	1277.661	0.279761	0.396944	446.1472	288.8097	3.713363	100	11.2
1708.749	1347.749	332.1744	20.47132	0.297131	1.220983	481.841	1264.116	0.282827	0.403002	433.5561	253.3999	3.257889	100	9.6
1708.902	1347.902	332.1795	20.47283	0.300712	1.165366	480.6964	1259.33	0.286293	0.416167	410.6051	181.2689	2.330381	100	6.3

1709.054	1348.054	332.1846	20.47433	0.299438	1.156139	478.8911	1260.749	0.28509	0.396636	439.2183	269.6021	3.46578	100	10.1
1709.206	1348.206	332.1897	20.47583	0.297229	1.125064	477.6354	1263.529	0.28299	0.385732	457.1636	318.0155	4.087898	100	12.3
1709.359	1348.359	332.1949	20.47733	0.299726	1.057043	477.5798	1269.201	0.285413	0.392376	444.6505	284.7169	3.659647	100	10.7
1709.511	1348.511	332.2	20.47883	0.307419	0.970133	478.55	1274.197	0.29284	0.409639	410.5802	181.1984	2.328918	100	6.1
1709.664	1348.664	332.2051	20.48034	0.311895	0.979027	479.6474	1284.427	0.297176	0.43094	375.1998	118.0454	1.51713	100	3.3
1709.816	1348.816	332.2102	20.48184	0.306767	1.098975	479.9572	1292.951	0.292258	0.411805	408.3926	175.1885	2.251405	100	5.9
1709.968	1348.968	332.2153	20.48334	0.297535	1.271639	479.4413	1307.539	0.283399	0.396701	441.4628	275.8976	3.545438	100	10.5
1710.121	1349.121	332.2205	20.48484	0.287699	1.412127	478.5411	1320.898	0.273979	0.401947	447.222	291.7297	3.748666	100	11.7
1710.273	1349.273	332.2256	20.48635	0.284893	1.427136	477.5932	1323.966	0.271312	0.412249	436.686	262.4134	3.371756	100	10.5
1710.426	1349.426	332.2307	20.48785	0.28602	1.394452	476.6931	1320.22	0.272415	0.446953	387.2724	133.1963	1.71134	100	4.6
1710.578	1349.578	332.2358	20.48935	0.290022	1.340366	475.8786	1318.29	0.276277	0.457942	366.7786	109.8297	1.411036	100	3.5
1710.73	1349.73	332.2409	20.49085	0.293292	1.278011	475.2707	1315.484	0.279438	0.456064	365.0072	108.2927	1.391207	100	3.3
1710.883	1349.883	332.2461	20.49236	0.29204	1.271429	474.7834	1314.525	0.278259	0.422377	413.1219	188.6986	2.424014	100	6.9
1711.035	1350.035	332.2512	20.49386	0.286287	1.321705	474.2768	1315.979	0.272763	0.403168	447.2156	291.7125	3.747101	100	11.7
1711.188	1350.188	332.2563	20.49536	0.281372	1.361388	473.5546	1313.416	0.268078	0.432773	412.8256	187.7942	2.412108	100	7.2
1711.34	1350.34	332.2614	20.49686	0.285444	1.29897	472.8449	1313.001	0.272002	0.460698	368.874	111.7276	1.434991	100	3.6
1711.492	1350.492	332.2665	20.49836	0.292995	1.221402	472.7482	1311.725	0.279268	0.436749	391.8968	140.3877	1.802984	100	4.7
1711.645	1350.645	332.2717	20.49987	0.29611	1.199939	473.5089	1311.343	0.282283	0.428222	399.5037	154.4077	1.982923	100	5.3
1711.797	1350.797	332.2768	20.50137	0.292134	1.245373	474.9746	1314.1	0.278487	0.441803	385.9998	131.3685	1.68695	100	4.4
1711.95	1350.95	332.2819	20.50287	0.287745	1.262249	476.6562	1313.543	0.274299	0.427749	411.1746	182.9008	2.348555	100	6.8
1712.102	1351.102	332.287	20.50437	0.28778	1.277487	478.1726	1318.042	0.274355	0.423801	416.544	199.762	2.564909	100	7.5
1712.254	1351.254	332.2921	20.50587	0.294974	1.204715	479.4796	1316.939	0.281283	0.442711	380.8877	124.6084	1.599855	100	4
1712.407	1351.407	332.2973	20.50738	0.301972	1.14102	480.5197	1313.064	0.288033	0.445662	367.5002	110.4733	1.418287	100	3.2
1712.559	1351.559	332.3024	20.50888	0.303832	1.116571	480.8453	1308.192	0.289846	0.44406	367.2096	110.2128	1.414859	100	3.2
1712.712	1351.712	332.3075	20.51038	0.29931	1.163597	480.2056	1310.68	0.285519	0.441183	377.151	120.1939	1.5429	100	3.7
1712.864	1351.864	332.3126	20.51188	0.298308	1.195957	478.9085	1306.331	0.284578	0.438643	381.9539	125.9459	1.616641	100	4
1713.016	1352.016	332.3177	20.51339	0.302879	1.138545	477.551	1299.469	0.288998	0.432301	384.6068	129.4369	1.661352	100	4
1713.169	1352.169	332.3229	20.51489	0.306042	1.087416	476.3617	1296.633	0.292065	0.416697	401.9083	159.5078	2.047196	100	5.2
1713.321	1352.321	332.328	20.51639	0.300709	1.111856	475.0169	1302.624	0.286956	0.411531	416.0879	198.2194	2.543888	100	7
1713.474	1352.474	332.3331	20.51789	0.292699	1.187636	473.5167	1300.796	0.279282	0.433268	396.6813	148.8531	1.910222	100	5.1
1713.626	1352.626	332.3382	20.51939	0.289807	1.214191	472.7243	1307.265	0.27653	0.448729	379.1427	122.4957	1.571885	100	4
1713.778	1352.778	332.3433	20.5209	0.294125	1.144612	473.6311	1305.303	0.280697	0.456921	362.0869	105.8843	1.358644	100	3.2
1713.931	1352.931	332.3485	20.5224	0.300435	1.0624	476.1891	1313.775	0.286784	0.468471	337.7473	90.34724	1.159212	100	2.4
1714.083	1353.083	332.3536	20.5239	0.303179	1.063514	479.1219	1320.507	0.289447	0.470598	331.1379	87.11475	1.117671	100	2.2
1714.236	1353.236	332.3587	20.5254	0.301134	1.123211	480.7942	1321.769	0.287503	0.467503	338.0919	90.52463	1.16135	100	2.4
1714.388	1353.388	332.3638	20.52691	0.296121	1.21943	480.5957	1324.552	0.282706	0.445263	375.4025	118.2639	1.517129	100	3.7
1714.54	1353.54	332.3689	20.52841	0.294863	1.272216	479.2446	1327.179	0.281521	0.422047	409.0763	177.0244	2.270794	100	6.3
1714.693	1353.693	332.3741	20.52991	0.298215	1.266783	477.7793	1325.814	0.284765	0.415615	413.4763	189.7912	2.434416	100	6.8
1714.845	1353.845	332.3792	20.53141	0.301964	1.223346	476.4946	1325.359	0.288393	0.425168	395.2864	146.2674	1.876032	100	4.8
1714.998	1353.998	332.3843	20.53292	0.298251	1.242154	474.9594	1323.278	0.284845	0.399688	435.3442	258.5669	3.316192	100	9.7
1715.15	1354.15	332.3894	20.53442	0.294609	1.286286	472.9096	1320.197	0.281368	0.38566	459.5004	324.0095	4.155266	100	12.7
1715.302	1354.302	332.3945	20.53592	0.293625	1.307601	470.9234	1318.988	0.280447	0.385775	460.6139	326.8419	4.19134	100	12.9
1715.455	1354.455	332.3997	20.53742	0.297127	1.257111	469.7785	1316.121	0.283834	0.422582	405.1465	166.9639	2.140977	100	5.8
1715.607	1354.607	332.4048	20.53892	0.295919	1.219661	469.739	1309.946	0.282697	0.445258	375.4224	118.2854	1.516682	100	3.7
1715.76	1354.76	332.4099	20.54043	0.290041	1.239731	470.557	1306.161	0.277076	0.446799	381.0539	124.8145	1.600304	100	4.1
1715.912	1354.912	332.415	20.54193	0.282221	1.312454	471.8288	1313.331	0.269602	0.435845	406.4829	170.2541	2.182777	100	6.4
1716.064	1355.064	332.4202	20.54343	0.278539	1.389235	473.3294	1314.616	0.2661	0.439686	406.0149	169.0872	2.167687	100	6.4
1716.217	1355.217	332.4253	20.54493	0.280735	1.368914	474.9411	1313.302	0.268225	0.441669	400.3468	156.1559	2.00179	100	5.8
1716.369	1355.369	332.4304	20.54643	0.284129	1.332934	476.645	1312.69	0.271499	0.452076	381.4665	125.33	1.606531	100	4.3
1716.522	1355.522	332.4355	20.54794	0.288616	1.308929	478.6219	1313.809	0.275823	0.450913	377.1047	120.1418	1.539934	100	3.9
1716.674	1355.674	332.4406	20.54944	0.295461	1.254109	480.7354	1311.685	0.282417	0.437085	387.0878	132.9273	1.703713	100	4.4
1716.826	1355.826	332.4458	20.55094	0.304623	1.157947	482.325	1311.097	0.29125	0.42148	396.4325	148.3844	1.901712	100	4.8
1716.979	1355.979	332.4509	20.55244	0.309879	1.072496	483.0158	1308.834	0.296335	0.403692	413.9622	191.3086	2.451689	100	6.4
1717.131	1356.131	332.456	20.55395	0.309616	1.06551	482.8841	1303.299	0.296105	0.393309	428.6088	238.8556	3.060837	100	8.4
1717.284	1356.284	332.4611	20.55545	0.304929	1.108081	482.0252	1299.394	0.291613	0.400814	424.4503	226.3413	2.900298	100	8.1
1717.436	1356.436	332.4662	20.55695	0.300758	1.156576	480.512	1296.573	0.287623	0.383454	453.9139	309.5645	3.966472	100	11.8
1717.588	1356.588	332.4714	20.55845	0.299128	1.145246	478.1797	1300.308	0.286078	0.389096	448.2603	294.5359	3.773684	100	11.2
1717.741	1356.741	332.4765	20.55995	0.302835	1.087595	475.447	1295.897	0.289667	0.410741	413.4378	189.6719	2.429991	100	6.6
1717.893	1356.893	332.4816	20.56146	0.301368	1.074129	473.2257	1287.328	0.288279	0.442763	371.1626	113.9064	1.45923	100	3.4
1718.046	1357.046	332.4867	20.56296	0.291855	1.156364	471.8682	1283.815	0.279161	0.431964	398.6485	152.6773	1.955799	100	5.3
1718.198	1357.198	332.4919	20.56446	0.283779	1.242018	471.4952	1284.232	0.271438	0.415173	432.4763	250.2566	3.205602	100	9.9
1718.35	1357.35	332.497	20.56596	0.283158	1.252893	472.0019	1283.765	0.270867	0.387843	470.9813	352.4932	4.514908	100	14.6
1718.503	1357.503	332.5021	20.56746	0.289163	1.178898	473.0356	1281.816	0.276646	0.35434	509.2395	437.077	5.597968	100	18
1718.655	1357.655	332.5072	20.56897	0.290186	1.172735	473.6057	1277.631	0.27765	0.346445	518.749	455.9449	5.839273	100	18.7
1718.808	1357.808	332.5123	20.57047	0.290947	1.192211	472.6769	1277.327	0.278404	0.369976	485.2366	385.7608	4.940134	100	15.6
1718.96	1357.96	332.5175	20.57197	0.292628	1.193471	470.7287	1275.892	0.280039	0.378641	471.0213	352.5897	4.51507	100	14
1719.112	1358.112	332.5226	20.57347	0.297032	1.145375	469.7142	1275.71	0.284293	0.390465	448.8341	296.0805	3.791218	100	11.3
1719.265	1358.265	332.5277	20.57498	0.298349	1.101834	471.2719	1273.161	0.285581	0.399132	435.0961	257.8527	3.301526	100	9.6
1719.417	1358.417	332.5328	20.57648	0.292794	1.114322	474.6081	1269.921	0.280267	0.398541	443.2452	280.8464	3.595722	100	10.8
1719.57	1358.57	332.538	20.57798	0.28418	1.169308	477.525	1272.583	0.272029	0.402281	449.4525	297.7401	3.811789	100	12
1719.722	1358.722	332.5431	20.57948	0.284094	1.171133	478.8953	1274.365	0.271969	0.421823	422.5677	220.5869	2.823876	100	8.5
1719.874	1358.874	332.5482	20.58099	0.293198	1.122358	479.1003	1277.493	0.280724	0.417282	416.751	200.4693	2.566183	100	7.3
1720.027	1359.027	332.5533	20.58249	0.300551	1.067205	478.8828	1281.692	0.287813	0.401127	429.262	240.7969	3.08223	100	8.8
1720.179	1359.179	332.5584	20.58399	0.297652	1.091423	478.4049	1288.329	0.285049	0.387592	451.7558	303.8775	3.889437	100	11.6
1720.332	1359.332	332.5636	20.58549	0.292291	1.138228	477.7334	1299.314	0.279922	0.398957	443.1475	280.5762	3.590983	100	10.8
1720.484	1359.484	332.5687	20.58699	0.290072	1.176682	477.4778	1303.603	0.277815	0.410161	430.5923	244.731	3.132028	100	9.4
1720.636	1359.636	332.5738	20.5885	0.290859	1.220712	478.121	1311.272	0.278593	0.453023	370.369	113.1379	1.447834	100	3.6
1720.789	1359.789	332.5789	20.59	0.290161	1.282272	479.3897	1311.805	0.277947	0.478424	336.2088	89.5665	1.146121	100	2.6
1720.941	1359.941	332.584	20.5915	0.289862	1.336921	480.4456	1314.478	0.277682	0.489952	320.6651	82.5538	1.056322	100	2.3
1721.094	1360.094	332.5892	20.593	0.29251	1.321871	480.5744	1317.85	0.280247	0.476076	336.2748	89.5996	1.146409	100	2.5

1721.246	1360.246	332.5943	20.59451	0.295496	1.28199	479.6932	1317.78	0.283137	0.441022	380.6598	124.3271	1.590646	100	4
1721.398	1360.398	332.5994	20.59601	0.297942	1.243216	478.1769	1317.191	0.28551	0.398542	436.0087	260.475	3.332329	100	9.8
1721.551	1360.551	332.6045	20.59751	0.29667	1.235741	476.4987	1313.994	0.28431	0.403839	430.3547	244.0302	3.121761	100	9.1
1721.703	1360.703	332.6096	20.59901	0.295178	1.216357	475.011	1306.102	0.2829	0.421972	407.2768	172.2713	2.203654	100	6
1721.856	1360.856	332.6148	20.60051	0.292507	1.231319	474.3489	1302.129	0.280358	0.440899	384.6645	129.5155	1.656633	100	4.2
1722.008	1361.008	332.6199	20.60202	0.290674	1.237507	474.992	1300.892	0.278621	0.425691	408.05	174.2823	2.229113	100	6.3
1722.16	1361.16	332.625	20.60352	0.288727	1.261775	476.4991	1307.341	0.276777	0.42495	411.6165	184.1865	2.35565	100	6.8
1722.313	1361.313	332.6301	20.60502	0.287344	1.275684	477.7994	1307.428	0.275473	0.419624	420.7661	215.0274	2.749926	100	8.2
1722.465	1361.465	332.6352	20.60652	0.286448	1.284576	478.3155	1309.267	0.274637	0.426398	412.5713	187.0243	2.39166	100	7
1722.618	1361.618	332.6404	20.60802	0.286513	1.258732	478.819	1306.342	0.274722	0.433135	403.1584	162.303	2.075402	100	5.8
1722.77	1361.77	332.6455	20.60953	0.287747	1.201595	480.5228	1303.269	0.275928	0.432847	401.8904	159.4684	2.039034	100	5.7
1722.922	1361.922	332.6506	20.61103	0.289055	1.154527	483.7065	1302.664	0.277205	0.427251	407.8506	173.7593	2.221631	100	6.2
1723.075	1362.075	332.6557	20.61253	0.293232	1.109368	488.0938	1300.304	0.281237	0.426396	403.467	163.0087	2.084055	100	5.6
1723.227	1362.227	332.6608	20.61403	0.29637	1.109944	493.459	1302.269	0.284274	0.448076	369.357	112.178	1.434103	100	3.4
1723.38	1362.38	332.666	20.61554	0.299374	1.107211	499.4723	1304.16	0.287184	0.455266	355.4197	100.9046	1.289904	100	2.8
1723.532	1362.532	332.6711	20.61704	0.300452	1.112051	505.2663	1301.084	0.288243	0.447789	364.2763	107.6756	1.37638	100	3.1
1723.684	1362.684	332.6762	20.61854	0.302134	1.077889	510.3174	1298.639	0.289884	0.444706	366.2655	109.3783	1.398062	100	3.2
1723.837	1362.837	332.6813	20.62004	0.304966	1.034014	514.8855	1299.816	0.292632	0.432902	378.7627	122.0476	1.559908	100	3.6
1723.989	1362.989	332.6864	20.62154	0.305908	1.015375	519.7427	1306.01	0.293563	0.409424	409.8784	179.2269	2.290588	100	6
1724.142	1363.142	332.6916	20.62305	0.306088	1.002207	524.8954	1309.439	0.293759	0.408433	410.9763	182.3294	2.3301	100	6.1
1724.294	1363.294	332.6967	20.62455	0.309947	0.945232	529.2858	1310.704	0.297498	0.418281	392.2242	140.9318	1.800948	100	4.3
1724.446	1363.446	332.7018	20.62605	0.316802	0.869678	531.9519	1311.6	0.304133	0.429383	367.7492	110.6977	1.414507	100	2.9
1724.599	1363.599	332.7069	20.62755	0.323138	0.816758	532.0837	1311.982	0.310275	0.428385	360.6506	104.7534	1.338471	100	2.6
1724.751	1363.751	332.712	20.62906	0.323201	0.829653	530.4053	1306.715	0.310359	0.398488	401.7914	159.2516	2.034692	100	4.7
1724.904	1363.904	332.7172	20.63056	0.322328	0.866011	527.3838	1296.155	0.309538	0.389648	415.1233	195.0275	2.491638	100	6.2
1725.056	1364.056	332.7223	20.63206	0.323494	0.893391	523.4508	1307.694	0.310687	0.417126	375.6182	118.4976	1.513815	100	3.1
1725.208	1364.208	332.7274	20.63356	0.327748	0.890199	519.394	1301.835	0.314823	0.430939	350.8484	97.84879	1.249952	100	2.3
1725.361	1364.361	332.7325	20.63507	0.334256	0.833621	515.0417	1295.021	0.321146	0.417645	360.4684	104.6124	1.336272	100	2.4
1725.513	1364.513	332.7376	20.63657	0.338264	0.785529	509.3081	1281.478	0.325053	0.388632	395.1147	145.9561	1.864268	100	3.9
1725.666	1364.666	332.7428	20.63807	0.334529	0.767032	501.6501	1258.184	0.321456	0.351532	451.2763	302.6054	3.864891	100	10
1725.818	1364.818	332.7479	20.63957	0.322623	0.808372	493.8301	1259.134	0.30996	0.32532	503.314	424.9179	5.42675	100	15.3
1725.97	1364.97	332.753	20.64107	0.318146	0.815296	487.2359	1248.187	0.305659	0.332065	499.942	417.8545	5.336224	100	15.2
1726.123	1365.123	332.7581	20.64258	0.326163	0.7496	480.8926	1207.448	0.313428	0.344848	471.5794	353.9344	4.519662	100	12.3
1726.275	1365.275	332.7632	20.64408	0.338735	0.662774	472.8756	1177.433	0.325623	0.358973	435.2572	258.3167	3.298451	100	8.1
1726.428	1365.428	332.7684	20.64558	0.342618	0.644027	463.4043	1166.151	0.329412	0.353353	437.7851	265.5451	3.390549	100	8.2
1726.58	1365.58	332.7735	20.64708	0.336235	0.710885	455.5938	1162.639	0.323246	0.34982	451.1699	302.3228	3.859909	100	9.9
1726.732	1365.732	332.7786	20.64858	0.325059	0.824766	451.5054	1153.362	0.312451	0.335769	485.4567	386.2573	4.931251	100	13.6
1726.885	1365.885	332.7837	20.65009	0.315533	0.905287	450.4811	1146.989	0.303273	0.321765	517.4473	453.4077	5.788199	100	16.8
1727.037	1366.037	332.7888	20.65159	0.313405	0.898109	450.6924	1149.664	0.301243	0.326327	513.9533	446.5267	5.70002	100	16.7
1727.19	1366.19	332.794	20.65309	0.319525	0.858603	450.9417	1152.535	0.307172	0.342861	482.9543	380.5829	4.857945	100	13.7
1727.342	1366.342	332.7991	20.65459	0.327887	0.820679	451.9246	1169.905	0.315277	0.363833	442.8279	279.6917	3.569909	100	9.3
1727.494	1366.494	332.8042	20.6561	0.333113	0.805375	454.1588	1192.134	0.320358	0.355507	447.3063	291.9581	3.726252	100	9.6
1727.647	1366.647	332.8093	20.6576	0.330909	0.822933	457.5457	1190.258	0.318247	0.341719	469.2468	348.2901	4.444953	100	11.9
1727.799	1366.799	332.8144	20.6591	0.322521	0.878737	461.5233	1213.458	0.310158	0.332164	493.5966	404.2692	5.159065	100	14.5
1727.952	1366.952	332.8196	20.6606	0.313604	0.970914	465.7517	1249.654	0.301572	0.327818	511.4417	441.5159	5.634055	100	16.5
1728.104	1367.104	332.8247	20.6621	0.306096	1.100678	471.7268	1267.358	0.294359	0.351728	488.4002	392.8485	5.012728	100	14.9
1728.256	1367.256	332.8298	20.66361	0.300247	1.244323	480.9536	1288.889	0.288753	0.391262	441.5789	276.2211	3.524359	100	10.3
1728.409	1367.409	332.8349	20.66511	0.294158	1.375813	492.2066	1296.832	0.282924	0.411779	421.3103	216.712	2.764907	100	8
1728.561	1367.561	332.84	20.66661	0.29051	1.445312	501.0303	1302.918	0.279445	0.420139	414.5731	193.2488	2.465407	100	7.2
1728.714	1367.714	332.8452	20.66811	0.294095	1.371659	503.2232	1309.485	0.28291	0.421568	407.8217	173.6839	2.215673	100	6.2
1728.866	1367.866	332.8503	20.66961	0.302864	1.244057	497.9563	1302.496	0.291362	0.399045	427.239	234.763	2.994679	100	8.5
1729.018	1368.018	332.8554	20.67112	0.312905	1.140046	487.5482	1277.193	0.301057	0.397286	416.2862	198.8875	2.536893	100	6.7
1729.171	1368.171	332.8605	20.67262	0.315988	1.088391	476.6318	1258.74	0.304054	0.421766	378.3678	121.5867	1.550797	100	3.4
1729.323	1368.323	332.8657	20.67412	0.309834	1.10473	470.8062	1248.432	0.298142	0.44209	358.4807	103.1074	1.315023	100	2.8
1729.476	1368.476	332.8708	20.67562	0.297529	1.14943	475.0154	1249.174	0.286323	0.423177	400.891	157.3068	2.006159	100	5.3
1729.628	1368.628	332.8759	20.67713	0.286849	1.164799	488.5138	1252.361	0.276093	0.378169	477.1189	367.0903	4.681282	100	14.9
1729.78	1368.78	332.881	20.67863	0.28286	1.060482	503.2091	1256.803	0.272293	0.356057	512.8773	444.3868	5.666663	100	18.6
1729.933	1368.933	332.8861	20.68013	0.291426	0.90917	513.0871	1247.36	0.280529	0.351541	507.7434	434.037	5.534361	100	17.5
1730.085	1369.085	332.8913	20.68163	0.305741	0.897384	515.8832	1218.608	0.294313	0.416188	399.5079	154.4165	1.968832	100	4.9
1730.238	1369.238	332.8964	20.68314	0.32303	0.946787	510.8388	1199.793	0.311013	0.440632	342.7299	93.00835	1.185799	100	2.1
1730.39	1369.39	332.9015	20.68464	0.340803	0.92609	501.2214	1189.511	0.328243	0.431817	331.1172	87.1051	1.110471	100	1.7
1730.542	1369.542	332.9066	20.68614	0.351297	0.832292	491.8326	1185.537	0.338455	0.373172	397.9549	151.3045	1.928812	100	3.9
1730.695	1369.695	332.9118	20.68764	0.340066	0.747366	486.4006	1188.103	0.327574	0.319332	487.27	390.3283	4.975564	100	13
1730.847	1369.847	332.9169	20.68914	0.314635	0.717579	485.7226	1189.271	0.302999	0.314308	528.1163	473.7953	6.039172	100	17.6
1731	1370	332.922	20.69065	0.300775	0.717512	488.1472	1193.158	0.289671	0.365755	475.5121	363.3098	4.630608	100	13.8
1731.152	1370.152	332.9271	20.69215	0.306001	0.738315	492.4678	1209.179	0.294723	0.397065	425.3334	229.0212	2.918844	100	7.9
1731.304	1370.304	332.9322	20.69365	0.309777	0.763945	497.8301	1227.663	0.298383	0.377319	447.531	292.5663	3.728498	100	10.4
1731.457	1370.457	332.9374	20.69515	0.30674	0.785332	503.4716	1262.029	0.29548	0.372824	457.7403	319.5012	4.071519	100	11.7
1731.609	1370.609	332.9425	20.69666	0.308159	0.792211	509.2845	1284.063	0.296869	0.400433	417.7226	203.8501	2.597582	100	6.8
1731.762	1370.762	332.9476	20.69816	0.312333	0.866548	515.2852	1309.487	0.300915	0.440175	357.2958	102.2388	1.302711	100	2.6
1731.914	1370.914	332.9527	20.69966	0.312068	0.97901	520.4756	1333.345	0.300682	0.427663	374.884	117.7072	1.499719	100	3.3
1732.066	1371.066	332.9578	20.70116	0.306089	1.107334	523.5388	1339.185	0.294944	0.411586	404.9893	166.5854	2.122357	100	5.5
1732.219	1371.219	332.963	20.70266	0.310935	1.087245	524.2707	1345.442	0.299636	0.392532	424.8084	227.4295	2.897361	100	7.9
1732.371	1371.371	332.9681	20.70417	0.323501	0.974192	523.6022	1345.527	0.311787	0.415416	376.4599	119.4212	1.521288	100	3.2
1732.524	1371.524	332.9732	20.70567	0.331671	0.906839	521.6414	1342.536	0.319713	0.426325	350.468	97.60606	1.243315	100	2.2
1732.676	1371.676	332.9783	20.70717	0.329807	0.914949	518.9786	1335.309	0.317931	0.400942	387.9547	134.2019	1.709375	100	3.6
1732.828	1371.828	332.9834	20.70867	0.324368	0.981762	518.0657	1322.086	0.312693	0.393505	405.4465	167.6913	2.135815	100	5.1
1732.981	1371.981	332.9886	20.71017	0.320517	1.023821	520.7252	1319.784	0.308995	0.398629	403.4792	163.0366	2.076409	100	5
1733.133	1372.133	332.9937	20.71168	0.317054	1.031009	526.4778	1317.934	0.305673	0.414751	385.8142	131.1071	1.669659	100	3.8
1733.286	1372.286	332.9988	20.71318	0.31192	1.037176	533.3486	1315.122	0.300744	0.415357	391.781	140.1964	1.785308	100	4.2

1733.438	1372.438	333.0039	20.71468	0.311796	1.038373	539.6093	1307.684	0.300647	0.43301	367.5533	110.521	1.407329	100	3
1733.59	1372.59	333.009	20.71618	0.32021	0.975898	543.8727	1294.518	0.308789	0.426863	364.7998	108.1166	1.376631	100	2.8
1733.743	1372.743	333.0142	20.71769	0.329995	0.916289	546.1163	1294.127	0.318272	0.414956	368.1454	111.0575	1.413993	100	2.7
1733.895	1372.895	333.0193	20.71919	0.332584	0.902076	547.8996	1295.809	0.320801	0.394781	392.4973	141.3895	1.800076	100	3.9
1734.048	1373.048	333.0244	20.72069	0.326155	0.951551	549.3779	1301.133	0.314603	0.38273	417.6798	203.6991	2.593207	100	6.4
1734.2	1373.2	333.0295	20.72219	0.318354	1.035825	548.1917	1289.538	0.307088	0.399387	405.0652	166.768	2.122928	100	5.2
1734.352	1373.352	333.0346	20.72369	0.3158	1.070435	542.8773	1256.353	0.304646	0.384407	429.1076	240.3385	3.059288	100	8.2
1734.505	1373.505	333.0398	20.7252	0.324279	0.979395	534.4221	1225.43	0.312857	0.387715	413.2102	188.9698	2.405269	100	5.9
1734.657	1373.657	333.0449	20.7267	0.335619	0.864881	526.6973	1152.009	0.323854	0.409082	368.5486	111.427	1.418195	100	2.7
1734.81	1373.81	333.05	20.7282	0.341104	0.784895	524.8826	1114.272	0.329195	0.353303	438.1536	266.5909	3.392856	100	8.4
1734.962	1373.962	333.0551	20.7297	0.336792	0.693068	530.832	1091.531	0.325036	0.302116	514.5307	447.671	5.697094	100	15.3
1735.114	1374.114	333.0602	20.7312	0.32788	0.542496	540.5989	1078.15	0.31643	0.266442	575.6369	554.677	7.058445	100	19.9
1735.267	1374.267	333.0654	20.73271	0.321987	0.401553	547.2789	1047.626	0.310755	0.268742	580.294	561.8507	7.149308	100	20.5
1735.419	1374.419	333.0705	20.73421	0.315804	0.375251	545.9658	1029.843	0.304808	0.26379	595.3353	584.2395	7.433758	100	21.8
1735.572	1374.572	333.0756	20.73571	0.30014	0.449281	538.1204	1028.413	0.289742	0.255059	628.176	629.4659	8.00874	100	25
1735.724	1374.724	333.0807	20.73722	0.280362	0.588072	529.6238	1034.796	0.270787	0.241274	673.3565	685.1473	8.716661	100	29.6
1735.876	1374.876	333.0858	20.73872	0.270328	0.677218	525.024	1059.854	0.261216	0.243771	683.1177	696.3846	8.859104	100	31.3
1736.029	1375.029	333.091	20.74022	0.277446	0.672635	525.8099	1089.243	0.268042	0.252165	662.1145	671.8871	8.546955	100	29.3
1736.181	1375.181	333.0961	20.74172	0.28755	0.664952	532.1437	1100.647	0.277742	0.27516	616.9948	614.582	7.817526	100	25.6
1736.334	1375.334	333.1012	20.74322	0.293255	0.691306	543.1522	1122.78	0.283239	0.297249	578.9257	559.7553	7.119709	100	22.7
1736.486	1375.486	333.1063	20.74473	0.301256	0.748444	555.5358	1144.664	0.290951	0.34673	499.9997	417.9762	5.316059	100	16.1
1736.638	1375.638	333.1114	20.74623	0.314577	0.796722	564.2609	1178.597	0.303805	0.398111	411.3556	183.4256	2.332774	100	5.8
1736.791	1375.791	333.1166	20.74773	0.323694	0.863859	565.0944	1195.367	0.312632	0.435219	347.966	96.05089	1.221486	100	2.2
1736.943	1375.943	333.1217	20.74923	0.325543	0.91163	558.4939	1210.904	0.314442	0.423189	362.0699	105.8707	1.346287	100	2.6
1737.096	1376.096	333.1268	20.75073	0.328654	0.912265	550.0864	1226.994	0.317474	0.40742	379.6472	123.097	1.56525	100	3.2
1737.248	1376.248	333.1319	20.75224	0.335936	0.884214	546.2169	1238.15	0.324547	0.400866	378.9306	122.2451	1.554325	100	3.1
1737.4	1376.4	333.137	20.75374	0.340369	0.860793	548.9845	1237.6	0.328867	0.386319	393.044	142.3163	1.80942	100	3.8
1737.553	1376.553	333.1422	20.75524	0.339622	0.857957	555.8201	1238.393	0.328165	0.367028	420.6326	214.6096	2.728403	100	6.5
1737.705	1376.705	333.1473	20.75674	0.335924	0.858125	562.3792	1241.419	0.324604	0.366918	425.7009	230.1329	2.925583	100	7.2
1737.858	1376.858	333.1524	20.75825	0.335469	0.85279	565.2645	1240.984	0.324186	0.388518	396.4697	148.4544	1.887127	100	4.1
1738.01	1377.01	333.1575	20.75975	0.336609	0.835554	563.2241	1242.513	0.325313	0.414279	359.3635	103.7682	1.319007	100	2.3
1738.162	1377.162	333.1626	20.76125	0.336468	0.834477	556.2107	1235.172	0.325198	0.423638	346.6056	95.2339	1.210455	100	2
1738.315	1377.315	333.1678	20.76275	0.337451	0.81397	546.4503	1241.333	0.326174	0.41293	360.0372	104.2807	1.325364	100	2.3
1738.467	1377.467	333.1729	20.76425	0.338162	0.777716	536.547	1243.9	0.326885	0.386757	395.1739	146.0633	1.856294	100	3.9
1738.62	1377.62	333.178	20.76576	0.33662	0.739843	526.5358	1246.896	0.325413	0.347026	452.0332	304.6118	3.871034	100	9.9
1738.772	1377.772	333.1831	20.76726	0.332782	0.704601	515.5369	1249.339	0.321719	0.335298	473.3168	358.0979	4.550472	100	12.1
1738.924	1377.924	333.1882	20.76876	0.331223	0.687661	504.8175	1251.954	0.320232	0.351868	452.5027	305.8525	3.886343	100	10.1
1739.077	1378.077	333.1934	20.77026	0.330853	0.732731	497.2324	1253.705	0.319896	0.391752	397.9256	151.2472	1.921724	100	4.2
1739.229	1378.229	333.1985	20.77176	0.32361	0.850909	493.4485	1259.688	0.312913	0.418022	371.3098	114.0506	1.449024	100	2.9
1739.382	1378.382	333.2036	20.77327	0.31377	0.97486	491.0239	1262.57	0.303435	0.423435	376.9188	119.9329	1.523669	100	3.3
1739.534	1378.534	333.2087	20.77477	0.309872	0.992313	487.4021	1252.444	0.2997	0.43198	370.2819	113.0544	1.436198	100	3.1
1739.686	1378.686	333.2138	20.77627	0.31413	0.956786	484.9934	1245.078	0.303828	0.441408	351.5745	98.31673	1.248903	100	2.5
1739.839	1378.839	333.219	20.77777	0.311651	0.992271	487.6117	1239.185	0.301459	0.436098	362.1704	105.9511	1.345803	100	2.8
1739.991	1378.991	333.2241	20.77928	0.299929	1.098739	494.2822	1215.348	0.290196	0.395032	434.3855	255.8024	3.249038	100	9.4
1740.144	1379.144	333.2292	20.78078	0.281699	1.264998	500.1079	1192.698	0.272724	0.364361	500.8223	419.7087	5.330558	100	17.6
1740.296	1379.296	333.2343	20.78228	0.274841	1.196445	502.8024	1179.366	0.266185	0.341013	542.0677	499.1265	6.33884	100	21.7
1740.448	1379.448	333.2395	20.78378	0.282637	0.989359	506.1734	1167.912	0.273668	0.339855	533.3387	483.4472	6.139355	100	20.3
1740.601	1379.601	333.2446	20.78529	0.299381	0.775414	515.5813	1148.743	0.289759	0.317795	541.5752	498.2564	6.327045	100	19.6
1740.753	1379.753	333.2497	20.78679	0.305536	0.675778	532.0835	1135.071	0.295704	0.287962	574.5415	552.9722	7.021433	100	21.4
1740.906	1379.906	333.2548	20.78829	0.30721	0.613748	551.3773	1137.901	0.297338	0.307004	546.0074	506.0244	6.424931	100	19.3
1741.058	1380.058	333.2599	20.78979	0.312306	0.560997	566.1616	1143.633	0.302272	0.320093	521.1363	460.5615	5.847351	100	17.1
1741.21	1380.21	333.2651	20.79129	0.321384	0.522848	566.2236	1153.967	0.311057	0.314223	517.114	452.7558	5.747911	100	16.2
1741.363	1380.363	333.2702	20.7928	0.324206	0.519315	549.5274	1166.303	0.313806	0.301998	530.1903	477.6535	6.063638	100	17
1741.515	1380.515	333.2753	20.7943	0.322609	0.524591	524.9684	1175.117	0.312285	0.308723	523.0097	464.1516	5.891891	100	16.6
1741.668	1380.668	333.2804	20.7958	0.327523	0.528765	505.0779	1201.484	0.317059	0.31786	503.8116	425.9514	5.406664	100	14.8
1741.82	1380.82	333.2856	20.7973	0.327889	0.580738	495.3363	1269.546	0.317436	0.313373	509.4844	437.5729	5.553852	100	15.3
1741.972	1380.972	333.2907	20.79881	0.323931	0.647615	492.1051	1302.853	0.313631	0.315001	512.4877	443.6095	5.630138	100	15.8
1742.125	1381.125	333.2958	20.80031	0.316994	0.732963	491.4271	1336.201	0.306953	0.342466	483.8018	382.512	4.854425	100	13.7
1742.277	1381.277	333.3009	20.80181	0.320109	0.795601	490.7744	1375.741	0.309983	0.395697	406.1622	169.4526	2.150382	100	5.1
1742.43	1381.43	333.306	20.80331	0.325777	0.889787	489.6107	1414.256	0.315484	0.425424	357.5477	102.4217	1.299672	100	2.4
1742.582	1381.582	333.3112	20.80481	0.324399	1.062306	487.9513	1415.788	0.314173	0.462815	307.7563	77.64972	0.985272	100	1.6
1742.734	1381.734	333.3163	20.80632	0.315172	1.256736	485.9142	1415.856	0.305285	0.469867	310.2897	78.56059	0.996771	100	1.8
1742.887	1381.887	333.3214	20.80782	0.302589	1.382742	483.8008	1409.195	0.293184	0.480771	311.9417	79.16711	1.004408	100	2
1743.039	1382.039	333.3265	20.80932	0.293398	1.477583	481.9666	1399.116	0.284372	0.459068	354.0531	99.96302	1.268175	100	3
1743.192	1382.192	333.3317	20.81082	0.291041	1.492206	480.0407	1384.952	0.282132	0.421204	409.3962	177.8965	2.25674	100	6.4
1743.344	1382.344	333.3368	20.81232	0.292479	1.404285	477.7812	1370.965	0.283535	0.401704	434.3705	255.7589	3.24429	100	9.8
1743.496	1382.496	333.3419	20.81383	0.294829	1.282419	476.3475	1352.31	0.285814	0.397721	436.722	262.5163	3.32981	100	9.9
1743.649	1382.649	333.347	20.81533	0.296459	1.167608	477.0635	1331.37	0.287402	0.386015	450.6843	301.0309	3.818114	100	11.5
1743.801	1382.801	333.3521	20.81683	0.29826	1.097783	479.6595	1311.658	0.289156	0.382706	452.8315	306.7198	3.89004	100	11.6
1743.954	1382.954	333.3573	20.81833	0.30132	1.039701	483.1735	1284.957	0.292122	0.404075	419.2486	209.3707	2.655233	100	7.3
1744.106	1383.106	333.3624	20.81984	0.300468	1.03684	488.1988	1271.886	0.291324	0.397771	429.0483	240.1627	3.045557	100	8.7
1744.258	1383.258	333.3675	20.82134	0.291645	1.025339	497.7466	1262.092	0.28287	0.347059	510.6976	440.0209	5.579676	100	17.7
1744.411	1383.411	333.3726	20.82284	0.279408	0.966974	513.5026	1257.956	0.271164	0.31128	576.2281	555.5943	7.04479	100	23.8
1744.563	1383.563	333.3777	20.82434	0.277433	0.83466	533.225	1252.455	0.269297	0.331076	551.4853	515.4389	6.535247	100	22.1
1744.716	1383.716	333.3829	20.82585	0.2866	0.744665	549.559	1258.546	0.278098	0.395458	450.493	300.5213	3.810083	100	11.7
1744.868	1383.868	333.388	20.82735	0.301082	0.735935	554.2065	1275.305	0.292028	0.423016	393.2396	142.6511	1.80846	100	4.4
1745.02	1384.02	333.3931	20.82885	0.313407	0.770452	545.9324	1288.135	0.303921	0.421517	378.8957	122.204	1.549151	100	3.3
1745.173	1384.173	333.3982	20.83035	0.324282	0.785297	530.5383	1289.57	0.314444	0.418691	368.274	111.175	1.409256	100	2.8
1745.325	1384.325	333.4033	20.83185	0.331692	0.802661	516.824	1306.131	0.321635	0.424997	349.6467	97.08783	1.230615	100	2.1
1745.478	1384.478	333.4085	20.83335	0.32701	0.870283	508.1562	1301.984	0.317127	0.429281	349.9578	97.28321	1.233019	100	2.2

1745.63	1384.63	333.4136	20.83486	0.314906	0.943996	502.2097	1300.579	0.305457	0.411467	390.645	138.3514	1.753436	100	4
1745.782	1384.782	333.4187	20.83636	0.305384	0.975422	496.7048	1296.351	0.296303	0.386479	437.761	265.4764	3.364395	100	9.5
1745.935	1384.935	333.4238	20.83786	0.306316	0.917734	489.8881	1290.015	0.297223	0.380024	445.4004	286.7713	3.634052	100	10.3
1746.087	1385.087	333.4289	20.83937	0.317053	0.799971	482.4141	1274.157	0.307597	0.399853	403.719	163.5898	2.072937	100	5
1746.24	1385.24	333.4341	20.84087	0.323025	0.73276	472.1838	1257.139	0.313387	0.422675	364.2339	107.6401	1.363888	100	2.6
1746.392	1385.392	333.4392	20.84237	0.322197	0.720133	459.2635	1258.036	0.31261	0.420078	368.8919	111.7443	1.415808	100	2.8
1746.544	1385.544	333.4443	20.84387	0.314778	0.72297	449.3825	1269.799	0.305469	0.367872	450.7889	301.3095	3.817389	100	10.5
1746.697	1385.697	333.4494	20.84537	0.306506	0.697695	447.2754	1282.291	0.297519	0.316004	533.3385	483.447	6.124591	100	18.4
1746.849	1385.849	333.4545	20.84688	0.29735	0.670188	452.9263	1285.456	0.288733	0.273859	603.6225	596.0986	7.551282	100	23.8
1747.002	1386.002	333.4597	20.84838	0.288731	0.650183	461.6071	1311.551	0.28048	0.266781	624.7793	624.9964	7.916892	100	25.9
1747.154	1386.154	333.4648	20.84988	0.285581	0.640498	469.2842	1324.052	0.277482	0.303472	578.2829	558.7675	7.077549	100	23.2
1747.306	1386.306	333.4699	20.85138	0.290499	0.690525	471.1912	1326.993	0.282221	0.340648	520.4408	459.2213	5.816322	100	18.4
1747.459	1386.459	333.475	20.85288	0.299464	0.750552	467.2041	1330.641	0.290855	0.352711	491.8792	400.5246	5.072595	100	15.4
1747.611	1386.611	333.4801	20.85439	0.309387	0.786298	461.464	1330.947	0.300429	0.348149	484.9629	385.1428	4.877499	100	14.2
1747.764	1386.764	333.4853	20.85589	0.316481	0.819221	456.8196	1326.926	0.307293	0.375847	437.2669	264.0709	3.344032	100	9
1747.916	1386.916	333.4904	20.85739	0.31872	0.86644	454.6267	1315.729	0.309477	0.405222	393.7158	143.4743	1.816764	100	4.1
1748.068	1387.068	333.4955	20.85889	0.314884	0.891895	453.5074	1311.554	0.305797	0.389896	419.9444	211.9762	2.684023	100	7
1748.221	1387.221	333.5006	20.8604	0.305592	0.895164	451.7177	1308.577	0.296864	0.340212	500.8354	419.7363	5.314349	100	15.9
1748.373	1387.373	333.5057	20.8619	0.296278	0.849579	448.0958	1300.701	0.287928	0.29286	578.5133	559.1217	7.078716	100	22.4
1748.526	1387.526	333.5109	20.8634	0.287386	0.810844	442.8639	1292.834	0.279415	0.264827	628.9451	630.4717	7.981571	100	26.3
1748.678	1387.678	333.516	20.8649	0.277899	0.808932	437.3335	1293.133	0.270352	0.253262	657.413	666.2335	8.433811	100	28.9
1748.83	1387.83	333.5211	20.8664	0.268563	0.835999	432.8606	1291.766	0.261452	0.257495	663.8531	673.9613	8.531138	100	30.3
1748.983	1387.983	333.5262	20.86791	0.261768	0.862166	430.8202	1290.576	0.254993	0.251187	681.4717	694.5068	8.79069	100	32.2
1749.135	1388.135	333.5313	20.86941	0.261631	0.854682	431.8665	1289.013	0.254886	0.260692	668.5029	679.4658	8.599805	100	31.5
1749.288	1388.288	333.5365	20.87091	0.269832	0.817576	436.0791	1281.955	0.262731	0.29583	609.1854	603.8823	7.642721	100	26.9
1749.44	1388.44	333.5416	20.87241	0.284737	0.759844	442.4699	1270.586	0.277011	0.359072	502.205	422.6067	5.348187	100	17.2
1749.592	1388.592	333.5467	20.87391	0.297776	0.721876	448.8388	1263.121	0.289548	0.413554	409.7194	178.7861	2.262448	100	6
1749.745	1388.745	333.5518	20.87542	0.306603	0.748936	453.1814	1260.41	0.298062	0.432158	372.2961	115.029	1.455549	100	3.1
1749.897	1388.897	333.5569	20.87692	0.313511	0.841555	455.4059	1256.273	0.304743	0.420444	379.243	122.6146	1.551445	100	3.4
1750.05	1389.05	333.5621	20.87842	0.321673	0.882423	457.0143	1256.225	0.312644	0.415332	375.393	118.2536	1.496177	100	3.1
1750.202	1389.202	333.5672	20.87992	0.324257	0.914555	459.1849	1256.263	0.315164	0.404534	386.8169	132.535	1.676771	100	3.6
1750.354	1389.354	333.5723	20.88143	0.319296	0.957698	461.5904	1249.335	0.310393	0.386654	418.0743	205.0996	2.594672	100	6.6
1750.507	1389.507	333.5774	20.88293	0.314536	0.994685	462.805	1242.842	0.305821	0.373406	442.6663	279.2439	3.53245	100	9.7
1750.659	1389.659	333.5825	20.88443	0.316187	0.99156	461.7426	1236.349	0.307437	0.37366	440.0863	272.0451	3.441184	100	9.4
1750.812	1389.812	333.5877	20.88593	0.325331	0.91566	459.1085	1237.218	0.316292	0.407331	381.3996	125.246	1.584183	100	3.3
1750.964	1389.964	333.5928	20.88744	0.331454	0.864894	456.6362	1241.628	0.322239	0.432019	339.124	91.06166	1.151732	100	1.9
1751.116	1390.116	333.5979	20.88894	0.333269	0.857494	454.945	1238.743	0.324018	0.44881	313.4976	79.74787	1.008579	100	1.5
1751.269	1390.269	333.603	20.89044	0.333434	0.85547	453.7208	1238.004	0.324201	0.432415	335.8712	89.39753	1.130553	100	1.8
1751.421	1390.421	333.6081	20.89194	0.33343	0.832524	452.8807	1243.555	0.32422	0.394465	388.2158	134.5916	1.701993	100	3.5
1751.574	1390.574	333.6133	20.89344	0.327391	0.805619	453.6096	1243.945	0.318397	0.335166	478.0828	369.3446	4.670317	100	12.7
1751.726	1390.726	333.6184	20.89495	0.311701	0.822485	455.9865	1241.195	0.303267	0.325631	512.1213	442.8773	5.599799	100	16.4
1751.878	1390.878	333.6235	20.89645	0.290556	0.898856	459.1637	1245.161	0.282951	0.34479	513.7169	446.0574	5.63968	100	17.9
1752.031	1391.031	333.6286	20.89795	0.272838	0.979473	462.3028	1262.967	0.266007	0.386562	479.4541	372.5341	4.70982	100	15.8
1752.183	1391.183	333.6337	20.89945	0.268871	1.017806	464.5495	1280.34	0.262241	0.430642	423.822	224.427	2.837188	100	9.1
1752.336	1391.336	333.6389	20.90096	0.274515	1.096804	466.7486	1295.476	0.267655	0.435364	409.8339	179.1035	2.264078	100	6.8
1752.488	1391.488	333.644	20.90246	0.283888	1.131407	468.7095	1303.942	0.276648	0.400924	444.9502	285.539	3.609338	100	11.3
1752.64	1391.64	333.6491	20.90396	0.286207	1.14154	469.6892	1312.277	0.278893	0.387733	460.0563	325.4254	4.113279	100	13
1752.793	1391.793	333.6542	20.90546	0.284708	1.172402	469.7384	1326.859	0.277478	0.407725	434.4204	255.9033	3.234353	100	9.9
1752.945	1391.945	333.6594	20.90696	0.282373	1.274413	468.8411	1335.462	0.275264	0.45065	378.2387	121.4368	1.534746	100	4
1753.098	1392.098	333.6645	20.90847	0.28223	1.342405	467.8011	1340.485	0.275149	0.45908	366.7643	109.817	1.38781	100	3.6
1753.25	1392.25	333.6696	20.90997	0.285632	1.344806	467.0531	1339.939	0.278431	0.458102	363.5836	107.0998	1.353393	100	3.4
1753.402	1392.402	333.6747	20.91147	0.291531	1.296387	466.6419	1337.785	0.284112	0.421567	406.1641	169.4574	2.141265	100	6
1753.555	1392.555	333.6798	20.91297	0.297656	1.226791	466.4687	1337.065	0.290017	0.375274	461.8991	330.0919	4.170801	100	12.6
1753.707	1392.707	333.685	20.91447	0.300065	1.180131	466.4702	1330.785	0.292356	0.378567	454.1265	310.1217	3.918243	100	11.6
1753.86	1392.86	333.6901	20.91598	0.299664	1.162294	466.0907	1319.013	0.291992	0.421893	394.838	145.4575	1.83768	100	4.7
1754.012	1393.012	333.6952	20.91748	0.297602	1.169541	464.3266	1298.667	0.290033	0.459339	345.8665	94.79807	1.197589	100	2.6
1754.164	1393.164	333.7003	20.91898	0.294363	1.240035	460.9461	1284.783	0.286944	0.470038	335.3653	89.14598	1.12612	100	2.4
1754.317	1393.317	333.7055	20.92048	0.291577	1.313437	456.5143	1275.549	0.284291	0.426027	399.7621	154.9392	1.957127	100	5.3
1754.469	1393.469	333.7106	20.92199	0.290599	1.286434	452.4288	1259.027	0.283374	0.398151	439.4955	270.3836	3.415172	100	10.4
1754.622	1393.622	333.7157	20.92349	0.291898	1.195515	450.1153	1238.879	0.284644	0.41681	411.9938	185.298	2.340334	100	6.6
1754.774	1393.774	333.7208	20.92499	0.29575	1.036495	449.8023	1223.635	0.288365	0.395838	435.7992	259.8741	3.282046	100	9.6
1754.926	1393.926	333.7259	20.92649	0.301287	0.89377	450.6391	1211.349	0.29371	0.346708	496.2227	409.9389	5.176968	100	15.7
1755.079	1394.079	333.7311	20.928	0.30692	0.804681	451.3456	1201.012	0.299155	0.323402	520.8719	460.0525	5.809493	100	17.4
1755.231	1394.231	333.7362	20.9295	0.312916	0.774467	450.8136	1199.136	0.304956	0.331518	501.666	421.4791	5.322082	100	15.5
1755.384	1394.384	333.7413	20.931	0.317429	0.75448	449.2083	1206.495	0.309332	0.333505	492.8855	402.7222	5.08494	100	14.5
1755.536	1394.536	333.7464	20.9325	0.319164	0.746962	447.3838	1223.668	0.31103	0.330288	494.9814	407.2674	5.142029	100	14.5
1755.688	1394.688	333.7515	20.934	0.315152	0.7891	446.2707	1235.734	0.30718	0.3147	521.8056	461.8474	5.8308	100	17
1755.841	1394.841	333.7567	20.93551	0.30983	0.852273	446.6342	1253.995	0.302071	0.312436	531.9814	480.9588	6.071724	100	18.1
1755.993	1394.993	333.7618	20.93701	0.311062	0.870738	448.468	1259.123	0.30328	0.320453	519.2485	456.9146	5.767849	100	17
1756.146	1395.146	333.7669	20.93851	0.318653	0.858345	450.4607	1259.678	0.310626	0.33076	494.8875	407.0645	5.138268	100	14.6
1756.298	1395.298	333.772	20.94001	0.324411	0.859625	450.7353	1254.406	0.316212	0.361352	444.9621	285.5715	3.604484	100	9.6
1756.45	1395.45	333.7771	20.94151	0.326802	0.893241	449.1364	1250.516	0.318545	0.390112	402.0533	159.8269	2.017218	100	4.6
1756.603	1395.603	333.7823	20.94302	0.327228	0.921842	448.0869	1245.034	0.31898	0.401482	385.7622	131.034	1.653718	100	3.5
1756.755	1395.755	333.7874	20.94452	0.328436	0.885827	450.5779	1236.249	0.320171	0.377404	417.3465	202.5294	2.555879	100	6.2
1756.908	1395.908	333.7925	20.94602	0.324494	0.839197	456.753	1256.018	0.316381	0.34298	470.0826	350.3199	4.420707	100	12.1
1757.06	1396.06	333.7976	20.94752	0.320995	0.795408	464.2617	1289.062	0.313023	0.337311	482.5398	379.6365	4.790376	100	13.4
1757.212	1396.212	333.8027	20.94903	0.322468	0.793485	470.8876	1307.698	0.314468	0.348338	465.3281	338.6649	4.273132	100	11.7
1757.365	1396.365	333.8079	20.95053	0.326246	0.867746	475.5669	1316.771	0.318142	0.383032	412.3791	186.4463	2.352365	100	5.7
1757.517	1396.517	333.813	20.95203	0.32458	0.980772	478.3535	1327.545	0.316554	0.410155	377.1417	120.1834	1.516248	100	3.2
1757.67	1396.67	333.8181	20.95353	0.315729	1.134452	479.1934	1335.114	0.308028	0.440172	347.484	95.75917	1.208038	100	2.4

1757.822	1396.822	333.8232	20.95503	0.30712	1.248332	477.6898	1334.097	0.299751	0.470503	317.0489	81.11008	1.023175	100	1.9
1757.974	1396.974	333.8283	20.95654	0.301042	1.327063	473.4518	1329.016	0.293923	0.478062	314.6611	80.18841	1.011489	100	2
1758.127	1397.127	333.8335	20.95804	0.298363	1.278837	466.7653	1316.113	0.29137	0.465307	335.7857	89.35493	1.127049	100	2.4
1758.279	1397.279	333.8386	20.95954	0.299285	1.191179	459.4627	1293.02	0.292279	0.432421	379.9144	123.4186	1.556609	100	3.8
1758.432	1397.432	333.8437	20.96104	0.300345	1.108023	453.8814	1285.749	0.29332	0.423335	391.0157	138.9471	1.75236	100	4.4
1758.584	1397.584	333.8488	20.96255	0.297334	1.064405	450.8057	1267.477	0.290448	0.386435	445.9012	288.139	3.63371	100	10.8
1758.736	1397.736	333.8539	20.96405	0.292171	1.021234	449.3719	1236.276	0.285511	0.342198	513.7612	446.1454	5.625997	100	17.8
1758.889	1397.889	333.8591	20.96555	0.296571	0.918426	448.6969	1226.454	0.289759	0.334155	518.9988	456.4302	5.755355	100	17.9
1759.041	1398.041	333.8642	20.96705	0.309199	0.822078	448.6476	1218.889	0.301933	0.339346	495.0351	407.3832	5.136599	100	15.1
1759.194	1398.194	333.8693	20.96856	0.31848	0.790292	449.3986	1208.622	0.310908	0.343798	476.5057	365.651	4.610138	100	12.9
1759.346	1398.346	333.8744	20.97006	0.316516	0.803084	450.7879	1207.794	0.309034	0.342917	480.3084	374.5108	4.721568	100	13.4
1759.498	1398.498	333.8795	20.97156	0.313714	0.826719	452.4153	1217.931	0.306353	0.347686	477.4269	367.8117	4.63684	100	13.2
1759.651	1398.651	333.8847	20.97306	0.315376	0.85874	453.6268	1236.357	0.307979	0.349502	472.677	356.5688	4.494844	100	12.7
1759.803	1398.803	333.8898	20.97456	0.318548	0.854639	454.7715	1245.029	0.311062	0.344691	475.0611	362.2435	4.566114	100	12.8
1759.956	1398.956	333.8949	20.97606	0.321922	0.824359	456.5165	1254.249	0.314344	0.355262	455.944	314.8596	3.968604	100	10.8
1760.108	1399.108	333.9	20.97757	0.331068	0.771409	459.0839	1265.969	0.323211	0.367119	427.3446	235.0794	2.962853	100	7.4
1760.26	1399.26	333.9051	20.97907	0.344346	0.719184	462.3087	1275.39	0.336104	0.374767	398.9991	153.3817	1.933053	100	4
1760.413	1399.413	333.9103	20.98057	0.352185	0.687949	464.784	1285.992	0.34374	0.377672	384.4524	129.2271	1.62854	100	3
1760.565	1399.565	333.9154	20.98207	0.347181	0.701156	465.1189	1296.441	0.3389	0.374276	395.8162	147.2375	1.855402	100	3.7
1760.718	1399.718	333.9205	20.98358	0.333532	0.761656	462.6022	1297.98	0.325686	0.363	429.6135	241.839	3.047337	100	7.5
1760.87	1399.87	333.9256	20.98508	0.318902	0.854205	457.3036	1292.294	0.311561	0.380572	424.8567	227.5762	2.867449	100	7.4
1761.022	1400.022	333.9307	20.98658	0.306748	0.972646	451.23	1283.291	0.299864	0.377516	445.2164	286.268	3.606755	100	10.3
1761.175	1400.175	333.9359	20.98808	0.29345	1.065948	447.1063	1282.92	0.287097	0.380547	458.6509	321.8383	4.054677	100	12.4
1761.327	1400.327	333.941	20.98959	0.275513	1.1635	447.1362	1279.318	0.269932	0.385997	474.8185	361.669	4.556217	100	15.1
1761.48	1400.48	333.9461	20.99109	0.26527	1.162397	451.5997	1279.669	0.260172	0.404379	462.9192	332.6572	4.19049	100	14.4
1761.632	1400.632	333.9512	20.99259	0.264858	1.068003	457.1268	1278.581	0.259802	0.410503	454.9795	312.3506	3.934459	100	13.4
1761.784	1400.784	333.9563	20.99409	0.273778	0.968877	459.9165	1275.54	0.26834	0.428571	418.262	205.7718	2.591811	100	8
1761.937	1400.937	333.9615	20.99559	0.282944	0.98134	457.9046	1267.44	0.277133	0.434107	398.4887	152.3586	1.91893	100	5.3
1762.089	1401.089	333.9666	20.9971	0.291127	1.00448	452.3137	1263.415	0.285001	0.420905	405.8499	168.6794	2.124364	100	5.8
1762.242	1401.242	333.9717	20.9986	0.297421	0.995686	446.815	1263.37	0.291068	0.38202	451.1384	302.2392	3.806207	100	11.3
1762.394	1401.394	333.9768	21.0001	0.294816	0.9363	444.0505	1264.705	0.288588	0.38139	455.4298	313.5235	3.948085	100	11.9
1762.546	1401.546	333.9819	21.0016	0.286249	0.901719	444.6237	1262.617	0.28039	0.387769	457.9404	320.0157	4.029604	100	12.6
1762.699	1401.699	333.9871	21.00311	0.275246	0.932589	447.9342	1264.273	0.269878	0.387374	472.9911	357.3201	4.499075	100	14.9
1762.851	1401.851	333.9922	21.00461	0.275116	0.940375	452.5848	1266.578	0.269776	0.39833	458.0145	320.2061	4.031532	100	13.2
1763.004	1402.004	333.9973	21.00611	0.283039	0.926072	456.7909	1266.853	0.277381	0.409311	432.3656	249.9335	3.146588	100	9.6
1763.156	1402.156	334.0024	21.00761	0.290475	0.911593	459.3456	1265.203	0.284533	0.408094	424.176	225.5062	2.83889	100	8.2
1763.308	1402.308	334.0075	21.00911	0.290034	0.974737	459.9283	1264.72	0.284131	0.399138	437.0884	263.5619	3.317781	100	9.9
1763.461	1402.461	334.0127	21.01062	0.286193	1.054637	458.9421	1266.417	0.28047	0.419563	413.9543	191.2839	2.407786	100	6.9
1763.613	1402.613	334.0178	21.01212	0.285872	1.12226	456.8096	1269.138	0.280185	0.430314	399.5111	154.423	1.943687	100	5.4
1763.766	1402.766	334.0229	21.01362	0.289644	1.126108	453.8228	1269.265	0.283824	0.444104	375.4588	118.3248	1.489241	100	3.7
1763.918	1402.918	334.028	21.01512	0.293287	1.117405	449.8705	1268.37	0.287343	0.448308	364.8018	108.1183	1.360702	100	3.2
1764.07	1403.07	334.0332	21.01662	0.292555	1.11671	445.2864	1256.881	0.286663	0.443649	372.1694	114.9021	1.445994	100	3.5
1764.223	1403.223	334.0383	21.01813	0.290781	1.095017	441.1913	1239.865	0.284982	0.42368	402.0467	159.8123	2.011053	100	5.5
1764.375	1403.375	334.0434	21.01963	0.292641	1.039658	438.449	1230.997	0.28679	0.415516	410.8181	181.8762	2.288569	100	6.3
1764.528	1403.528	334.0485	21.02113	0.299708	0.931463	436.7674	1211	0.293603	0.40048	422.1667	219.3539	2.759996	100	7.7
1764.68	1403.68	334.0536	21.02263	0.308291	0.843542	435.0635	1180.733	0.301886	0.37639	443.9798	282.873	3.559012	100	10
1764.832	1403.832	334.0588	21.02414	0.311828	0.784073	432.8453	1180.283	0.305317	0.368078	450.7143	301.1111	3.788255	100	10.6
1764.985	1403.985	334.0639	21.02564	0.307674	0.79563	431.243	1178.357	0.301336	0.371838	451.0208	301.9267	3.798296	100	10.8
1765.137	1404.137	334.069	21.02714	0.298454	0.844018	431.978	1182.384	0.292486	0.374208	459.963	325.188	4.090691	100	12.2
1765.29	1404.29	334.0741	21.02864	0.292869	0.89163	435.3744	1193.698	0.287143	0.367671	476.3567	365.3005	4.595018	100	14.2
1765.442	1404.442	334.0793	21.03015	0.301408	0.834932	440.5427	1200.216	0.295371	0.382022	445.1984	286.2186	3.600057	100	10.4
1765.594	1404.594	334.0844	21.03165	0.320495	0.749204	445.3965	1212.567	0.313793	0.394182	402.9946	161.9309	2.036649	100	4.8
1765.747	1404.747	334.0895	21.03315	0.334509	0.730464	447.8972	1218.287	0.32737	0.381336	401.9859	159.6783	2.0082	100	4.4
1765.899	1404.899	334.0946	21.03465	0.339641	0.737805	447.8892	1217.446	0.332366	0.348519	440.379	272.8665	3.431518	100	8.5
1766.052	1405.052	334.0997	21.03615	0.336609	0.736661	446.541	1220.577	0.329449	0.329114	471.1825	352.9785	4.438734	100	11.6
1766.204	1405.204	334.1049	21.03766	0.334492	0.743125	446.0184	1235.557	0.32742	0.326368	477.7715	368.6176	4.635126	100	12.3
1766.356	1405.356	334.11	21.03916	0.329066	0.788461	447.8206	1245.659	0.32219	0.324468	487.6127	391.0937	4.917464	100	13.4
1766.509	1405.509	334.1151	21.04066	0.323223	0.842252	451.6265	1244.683	0.316561	0.339454	474.6983	361.3841	4.543644	100	12.5
1766.661	1405.661	334.1202	21.04216	0.32237	0.862368	456.1088	1243.569	0.31576	0.372669	429.968	242.8881	3.053629	100	7.9
1766.814	1405.814	334.1254	21.04366	0.325064	0.875639	460.1593	1241.125	0.318386	0.389107	403.6601	163.4535	2.054846	100	4.8
1766.966	1405.966	334.1305	21.04517	0.32534	0.92067	463.6476	1232.7	0.318675	0.415949	366.2189	109.3375	1.374449	100	2.7
1767.118	1406.118	334.1356	21.04667	0.319576	1.022029	467.2122	1270.32	0.313128	0.440695	339.7245	91.37816	1.148621	100	2.1
1767.271	1406.271	334.1407	21.04817	0.31258	1.116549	469.5923	1300.01	0.306398	0.4557	328.3045	85.81899	1.07868	100	2
1767.423	1406.423	334.1458	21.04967	0.312983	1.096824	469.2125	1309.967	0.306809	0.440244	349.0664	96.72628	1.215706	100	2.4
1767.576	1406.576	334.151	21.05118	0.322961	0.948819	465.6511	1319.362	0.316465	0.421773	361.2323	105.2073	1.322223	100	2.6
1767.728	1406.728	334.1561	21.05268	0.330401	0.851088	459.552	1316.306	0.323682	0.404009	375.7859	118.6801	1.491459	100	3
1767.88	1406.88	334.1612	21.05418	0.318707	0.91251	453.7263	1307.115	0.3124	0.389273	411.6922	184.4087	2.317341	100	5.7
1768.033	1407.033	334.1663	21.05568	0.290637	1.152926	449.3484	1300.911	0.285402	0.392878	443.9742	282.8575	3.554274	100	10.8
1768.185	1407.185	334.1714	21.05718	0.267849	1.379318	444.3926	1295.29	0.263616	0.389992	478.0211	369.2006	4.638959	100	16
1768.338	1407.338	334.1766	21.05869	0.26448	1.386034	436.4805	1286.815	0.260424	0.386132	487.7527	391.4063	4.917684	100	17.3
1768.49	1407.49	334.1817	21.06019	0.270161	1.282943	426.6183	1271.263	0.265867	0.384781	482.1058	378.6437	4.757058	100	16.3
1768.642	1407.642	334.1868	21.06169	0.269106	1.258538	420.6496	1240.993	0.264882	0.393851	470.948	352.4129	4.427253	100	15.1
1768.795	1407.795	334.1919	21.06319	0.265117	1.238315	421.9625	1228.448	0.261098	0.378887	496.8203	411.2196	5.165724	100	18.1
1768.947	1407.947	334.197	21.0647	0.268131	1.087139	428.9823	1214.741	0.263996	0.374538	498.8239	415.4888	5.219049	100	18.1
1769.1	1408.1	334.2022	21.0662	0.283732	0.926135	440.1016	1204.414	0.278937	0.388279	459.2415	323.3488	4.061423	100	12.8
1769.252	1408.252	334.2073	21.0677	0.298691	0.874041	451.688	1194.576	0.293315	0.399321	424.1625	225.465	2.831789	100	7.9
1769.404	1408.404	334.2124	21.0692	0.30634	0.892569	460.4797	1197.058	0.300697	0.354954	475.2015	362.5756	4.553604	100	13.4
1769.557	1408.557	334.2175	21.07071	0.304919	0.897466	465.2128	1201.443	0.299352	0.304551	546.614	507.077	6.368033	100	19.4
1769.709	1408.709	334.2226	21.07221	0.302111	0.836554	466.8466	1214.98	0.296671	0.293349	565.773	539.078	6.76952	100	20.9
1769.862	1408.862	334.2278	21.07371	0.299178	0.779998	467.9532	1241.395	0.293873	0.307345	550.3193	513.4519	6.447346	100	20

1770.014	1409.014	334.2329	21.07521	0.294609	0.780201	470.0187	1266.919	0.289505	0.320706	537.9092	491.7262	6.174181	100	19.4
1770.166	1409.166	334.238	21.07671	0.290152	0.784421	472.8975	1286.577	0.285248	0.335415	523.4848	465.0576	5.838989	100	18.6
1770.319	1409.319	334.2431	21.07822	0.291762	0.796229	474.9726	1302.005	0.286815	0.366931	477.8298	368.754	4.629588	100	14.3
1770.471	1409.471	334.2482	21.07972	0.297735	0.860105	475.3392	1309.473	0.292575	0.389008	439.4157	270.1588	3.391561	100	9.9
1770.624	1409.624	334.2534	21.08122	0.301689	0.883964	474.8294	1314.618	0.296399	0.368882	461.9122	330.125	4.144134	100	12.2
1770.776	1409.776	334.2585	21.08272	0.300287	0.851495	473.4177	1318.482	0.295073	0.322678	527.5033	472.6485	5.932921	100	18.3
1770.928	1409.928	334.2636	21.08422	0.298441	0.792487	469.8815	1308.931	0.293321	0.311486	545.3663	504.9094	6.337509	100	19.7
1771.081	1410.081	334.2687	21.08573	0.300122	0.835156	463.7666	1278.551	0.294959	0.338549	505.7591	429.9738	5.396621	100	16.5
1771.233	1410.233	334.2738	21.08723	0.305418	0.935348	455.9433	1266.905	0.300077	0.359023	470.443	351.1924	4.407577	100	12.9
1771.386	1410.386	334.279	21.08873	0.312224	0.992759	448.1041	1258.979	0.306657	0.394785	412.0105	185.3475	2.326036	100	6
1771.538	1410.538	334.2841	21.09023	0.316936	0.986761	442.5606	1245.913	0.311225	0.379584	426.684	233.0965	2.925097	100	7.7
1771.69	1410.69	334.2892	21.09174	0.307632	0.979997	441.2475	1230.063	0.302276	0.357717	469.2092	348.1988	4.369246	100	12.7
1771.843	1410.843	334.2943	21.09324	0.288708	1.020183	443.8689	1222.033	0.284108	0.337882	521.6541	461.5566	5.791342	100	18.6
1771.995	1410.995	334.2994	21.09474	0.268697	1.056538	448.1701	1218.004	0.264981	0.372867	499.7698	417.4908	5.238127	100	18.1
1772.148	1411.148	334.3046	21.09624	0.262431	1.016785	450.9916	1219.444	0.259027	0.429575	429.7286	242.1798	3.038379	100	10.1
1772.3	1411.3	334.3097	21.09774	0.266759	1.045726	449.5576	1214.786	0.263177	0.478126	357.0023	102.0267	1.27995	100	3.3
1772.452	1411.452	334.3148	21.09925	0.273962	1.020328	443.4079	1205.174	0.270077	0.470827	357.5525	102.4252	1.284874	100	3.2
1772.605	1411.605	334.3199	21.10075	0.278668	0.965333	435.2065	1194.041	0.2746	0.463045	362.0506	105.8553	1.327826	100	3.3
1772.757	1411.757	334.325	21.10225	0.280568	0.937732	429.7332	1181.473	0.27644	0.420353	418.4254	206.3602	2.588389	100	7.7
1772.91	1411.91	334.3302	21.10375	0.285632	0.860669	430.7986	1183.732	0.281314	0.389376	454.4474	310.9612	3.90018	100	12.1
1773.062	1412.062	334.3353	21.10526	0.281293	0.815883	438.5644	1185.198	0.277179	0.350284	514.1005	446.8188	5.603825	100	18.4
1773.214	1412.214	334.3404	21.10676	0.271081	0.790796	450.0364	1186.132	0.267436	0.374953	493.5046	404.0692	5.067384	100	17.2
1773.367	1412.367	334.3455	21.10826	0.265905	0.750365	460.6731	1197.659	0.262517	0.370182	506.8752	432.2637	5.420655	100	18.8
1773.519	1412.519	334.3506	21.10976	0.275082	0.725225	467.7721	1219.043	0.271303	0.381798	478.7214	370.8326	4.65003	100	15.3
1773.672	1412.672	334.3558	21.11126	0.294133	0.739815	471.2224	1261.334	0.289581	0.403659	423.3296	222.9225	2.795161	100	7.9
1773.824	1412.824	334.3609	21.11277	0.304463	0.873042	472.5545	1273.737	0.299535	0.460325	331.3931	87.23393	1.093737	100	2
1773.976	1412.976	334.366	21.11427	0.307001	1.018037	473.7627	1300.638	0.302001	0.481058	299.3775	74.78696	0.937623	100	1.6
1774.129	1413.129	334.3711	21.11577	0.30307	1.101792	475.879	1356.038	0.298239	0.473215	315.3939	80.4687	1.008799	100	1.9
1774.281	1413.281	334.3762	21.11727	0.298639	1.14747	478.6052	1375.891	0.294	0.45636	344.5033	94.00862	1.178474	100	2.5
1774.434	1413.434	334.3814	21.11877	0.295609	1.215336	480.6931	1385.497	0.29111	0.441796	368.591	111.466	1.397236	100	3.3
1774.586	1413.586	334.3865	21.12028	0.297081	1.239805	481.1359	1398.08	0.292547	0.457951	344.3135	93.90009	1.176977	100	2.6
1774.738	1413.738	334.3916	21.12178	0.300191	1.293886	479.5401	1394.927	0.295558	0.468361	325.791	84.70974	1.061721	100	2.2
1774.891	1413.891	334.3967	21.12328	0.305908	1.342773	476.6421	1388.274	0.301082	0.439317	358.2495	102.9363	1.290092	100	2.9
1775.043	1414.043	334.4018	21.12478	0.31228	1.327402	473.6394	1382.585	0.307244	0.452296	331.8338	87.4408	1.095824	100	2.1
1775.196	1414.196	334.407	21.12629	0.315684	1.220479	471.7165	1371.184	0.31055	0.469934	302.9324	75.9751	0.952079	100	1.6
1775.348	1414.348	334.4121	21.12779	0.315633	1.132219	471.5875	1357.912	0.310523	0.479469	289.8108	71.75812	0.899182	100	1.4
1775.5	1414.5	334.4172	21.12929	0.309585	1.128242	472.9705	1344.877	0.304713	0.473046	306.6927	77.27397	0.968244	100	1.7
1775.653	1414.653	334.4223	21.13079	0.309898	1.095863	474.817	1339.118	0.305036	0.451067	336.5777	89.75205	1.12453	100	2.2
1775.805	1414.805	334.4274	21.1323	0.31278	1.047346	475.7806	1347.469	0.307837	0.437466	351.4817	98.25661	1.231014	100	2.5
1775.958	1414.958	334.4326	21.1338	0.316726	0.997004	475.7693	1357.12	0.311667	0.437443	346.2296	95.01146	1.190288	100	2.3
1776.11	1415.11	334.4377	21.1353	0.314369	1.030654	476.1932	1368.869	0.309414	0.456577	322.9319	83.49051	1.045895	100	1.8
1776.262	1415.262	334.4428	21.1368	0.310999	1.101418	478.3828	1384.751	0.306187	0.477607	298.3646	74.45503	0.932653	100	1.5
1776.415	1415.415	334.4479	21.1383	0.30985	1.119451	482.4235	1397.023	0.305101	0.478626	298.4565	74.48503	0.932975	100	1.6
1776.567	1415.567	334.4531	21.13981	0.30509	1.137799	487.2867	1415.863	0.300539	0.466702	321.2071	82.77549	1.036759	100	2
1776.72	1415.72	334.4582	21.14131	0.301885	1.148229	491.3246	1432.532	0.297477	0.476844	311.4378	78.98105	0.989176	100	1.8
1776.872	1415.872	334.4633	21.14281	0.300031	1.25244	493.0345	1434.148	0.295715	0.481898	306.8946	77.34501	0.96863	100	1.8
1777.024	1416.024	334.4684	21.14431	0.301787	1.314806	492.1404	1446.994	0.297426	0.471027	319.535	82.09615	1.028072	100	2
1777.177	1416.177	334.4735	21.14581	0.299634	1.377359	489.6967	1457.843	0.295378	0.472513	320.3101	82.40941	1.031936	100	2.1
1777.329	1416.329	334.4787	21.14732	0.293264	1.425553	486.9574	1461.568	0.28928	0.474083	326.5595	85.04506	1.064877	100	2.3
1777.482	1416.482	334.4838	21.14882	0.283856	1.544378	484.8789	1464.097	0.280278	0.482777	326.984	85.2317	1.067153	100	2.5
1777.634	1416.634	334.4889	21.15032	0.270624	1.700749	483.7878	1449.438	0.267643	0.480559	347.4823	95.75817	1.198882	100	3.2
1777.786	1416.786	334.494	21.15182	0.261633	1.806652	483.1796	1440.665	0.259088	0.491824	343.7417	93.57541	1.171486	100	3.3
1777.939	1416.939	334.4992	21.15333	0.262099	1.780167	482.6919	1433.218	0.259554	0.491665	343.3176	93.33658	1.168429	100	3.3
1778.091	1417.091	334.5043	21.15483	0.27273	1.619744	482.3534	1434.038	0.269721	0.504527	311.5389	79.01827	0.989129	100	2.4
1778.244	1417.244	334.5094	21.15633	0.281082	1.517474	482.4217	1431.248	0.277732	0.476933	338.5629	90.76864	1.136151	100	2.7
1778.396	1417.396	334.5145	21.15783	0.282263	1.474506	482.7247	1428.494	0.278885	0.453145	369.7994	112.5949	1.40927	100	3.7
1778.548	1417.548	334.5196	21.15933	0.278768	1.501551	482.7961	1425.552	0.275561	0.44438	386.4813	132.0528	1.652715	100	4.6
1778.701	1417.701	334.5248	21.16084	0.275266	1.511716	482.6355	1419.769	0.272234	0.464683	363.0552	106.6663	1.334911	100	3.6
1778.853	1417.853	334.5299	21.16234	0.274594	1.555208	482.3988	1420.421	0.271614	0.477057	346.835	95.37028	1.193474	100	3.1
1779.006	1418.006	334.535	21.16384	0.275912	1.525331	482.5082	1418.995	0.272895	0.472423	351.4603	98.24276	1.22935	100	3.2
1779.158	1418.158	334.5401	21.16534	0.277637	1.488685	482.8398	1414.03	0.274568	0.472633	348.863	96.60043	1.208729	100	3
1779.31	1418.31	334.5452	21.16685	0.2789	1.449627	483.0573	1410.429	0.275799	0.478804	338.648	90.81294	1.136246	100	2.8
1779.463	1418.463	334.5504	21.16835	0.27609	1.513526	483.1286	1407.027	0.273132	0.477153	344.6064	94.06768	1.176902	100	3
1779.615	1418.615	334.5555	21.16985	0.273524	1.594693	482.9553	1421.011	0.270702	0.501299	314.6393	80.18011	1.003094	100	2.4
1779.768	1418.768	334.5606	21.17135	0.273889	1.597811	482.4454	1406.31	0.271072	0.506459	307.0069	77.38459	0.968065	100	2.3
1779.92	1418.92	334.5657	21.17286	0.276887	1.553766	481.5419	1386.343	0.273961	0.491845	323.187	83.59757	1.045727	100	2.5
1780.072	1419.072	334.5708	21.17436	0.280456	1.49522	480.5683	1409.844	0.277398	0.463251	357.9047	102.6825	1.284388	100	3.3
1780.225	1419.225	334.576	21.17586	0.282549	1.456579	479.8584	1411.179	0.279424	0.455361	365.9964	109.1436	1.365127	100	3.5
1780.377	1419.377	334.5811	21.17736	0.285851	1.409574	479.215	1403.697	0.282611	0.463852	349.8818	97.23534	1.216113	100	2.9
1780.53	1419.53	334.5862	21.17886	0.288066	1.355087	478.1145	1399.706	0.284757	0.48674	315.3343	80.44582	1.00607	100	2.1
1780.682	1419.682	334.5913	21.18037	0.288511	1.30268	476.163	1385.63	0.285205	0.497125	300.384	75.11966	0.939406	100	1.9
1780.834	1419.834	334.5964	21.18187	0.28542	1.295559	473.7351	1385.475	0.282264	0.512407	283.3537	69.83442	0.873261	100	1.7
1780.987	1419.987	334.6016	21.18337	0.281024	1.347238	472.2883	1386.32	0.278076	0.510472	291.8042	72.37059	0.904923	100	1.9
1781.139	1420.139	334.6067	21.18487	0.276109	1.380199	472.5406	1379.428	0.273394	0.485332	332.9573	87.97392	1.099964	100	2.6
1781.292	1420.292	334.6118	21.18637	0.272931	1.425987	473.9203	1384.515	0.270378	0.459914	372.1972	114.9298	1.436919	100	3.9
1781.444	1420.444	334.6169	21.18788	0.272226	1.43637	475.0554	1380.641	0.269727	0.4579	375.8746	118.7769	1.484932	100	4.1
1781.596	1420.596	334.622	21.18938	0.27066	1.480864	475.3872	1377.399	0.268253	0.453238	384.3416	129.077	1.613609	100	4.7
1781.749	1420.749	334.6272	21.19088	0.270383	1.508156	475.6331	1379.806	0.268011	0.464842	368.6629	111.5323	1.394201	100	3.9
1781.901	1420.901	334.6323	21.19238	0.270961	1.514075	476.1266	1379.508	0.268584	0.489749	333.5006	88.23481	1.102909	100	2.8
1782.054	1421.054	334.6374	21.19389	0.273977	1.475006	476.5251	1378.874	0.271489	0.502344	312.1109	79.2298	0.990291	100	2.3

1782.206	1421.206	334.6425	21.19539	0.28035	1.366627	476.3741	1377.168	0.277607	0.493909	315.3078	80.43565	1.005305	100	2.2
1782.358	1421.358	334.6476	21.19689	0.287474	1.264665	475.6864	1378.201	0.284455	0.487195	315.1233	80.36493	1.004364	100	2.1
1782.511	1421.511	334.6528	21.19839	0.288348	1.237904	474.8399	1374.589	0.285315	0.487231	313.8867	79.89457	0.998428	100	2.1
1782.663	1421.663	334.6579	21.19989	0.283735	1.284334	474.1331	1368.059	0.280914	0.493536	311.2587	78.91513	0.986131	100	2.1
1782.816	1421.816	334.663	21.2014	0.277953	1.355116	473.6804	1367.581	0.275401	0.49615	315.2595	80.41712	1.004842	100	2.3
1782.968	1421.968	334.6681	21.2029	0.279342	1.344387	473.6627	1372.221	0.276753	0.480372	335.1686	89.04871	1.112633	100	2.6
1783.12	1422.12	334.6732	21.2044	0.28222	1.320622	474.1342	1372.721	0.27953	0.470682	344.7077	94.12582	1.176002	100	2.8
1783.273	1422.273	334.6784	21.2059	0.28196	1.329312	474.993	1372.611	0.279303	0.466098	351.3465	98.16912	1.226449	100	3
1783.425	1422.425	334.6835	21.20741	0.280274	1.344657	476.1376	1372.837	0.277711	0.466537	352.9385	99.21315	1.23942	100	3.1
1783.578	1422.578	334.6886	21.20891	0.280058	1.351318	477.33	1373.563	0.277526	0.478284	336.9819	89.95655	1.123718	100	2.7
1783.73	1422.73	334.6937	21.21041	0.280205	1.332441	478.284	1372.589	0.277689	0.470748	347.1568	95.56256	1.193678	100	2.9
1783.882	1422.882	334.6988	21.21191	0.278482	1.359822	478.4633	1366.322	0.276062	0.467387	354.0411	99.95486	1.248471	100	3.1
1784.035	1423.035	334.704	21.21342	0.275632	1.408182	476.9244	1358.84	0.273358	0.469444	354.9331	100.5665	1.256038	100	3.2
1784.187	1423.187	334.7091	21.21492	0.273599	1.481914	473.585	1351.999	0.271436	0.48417	337.2632	90.09959	1.125245	100	2.8
1784.34	1423.34	334.7142	21.21642	0.272221	1.542023	469.9916	1346.324	0.270142	0.489713	331.4012	87.23774	1.089442	100	2.7
1784.492	1423.492	334.7193	21.21792	0.27262	1.541416	467.6271	1344.737	0.270546	0.492811	326.5686	85.04905	1.062048	100	2.6
1784.644	1423.644	334.7244	21.21942	0.275012	1.44984	466.1742	1337.537	0.272853	0.461258	366.9267	109.9609	1.373055	100	3.7
1784.797	1423.797	334.7296	21.22093	0.280693	1.377564	463.7429	1307.513	0.278311	0.45304	370.7362	113.4917	1.417062	100	3.7
1784.949	1423.949	334.7347	21.22243	0.285591	1.297909	457.7804	1265.354	0.283025	0.461113	353.0903	99.31434	1.239971	100	3
1785.102	1424.102	334.7398	21.22393	0.289483	1.210171	446.9149	1230.165	0.286779	0.480097	321.711	82.98283	1.036008	100	2.2
1785.254	1424.254	334.7449	21.22543	0.28856	1.130339	434.5469	1189.903	0.285915	0.408297	421.987	218.8006	2.731482	100	8
1785.406	1424.406	334.75	21.22693	0.283043	1.038284	426.0313	1148.956	0.28065	0.345785	515.5208	449.6266	5.612764	100	18.4
1785.559	1424.559	334.7552	21.22844	0.274173	0.971396	423.1967	1111.377	0.272184	0.320554	562.0227	532.9965	6.653101	100	22.8
1785.711	1424.711	334.7603	21.22994	0.267518	0.859888	423.5157	1075.951	0.26585	0.324151	565.7981	539.1184	6.729131	100	23.7
1785.864	1424.864	334.7654	21.23144	0.264132	0.753954	422.9932	1040.494	0.262642	0.318222	578.4066	558.9577	6.976359	100	24.9
1786.016	1425.016	334.7705	21.23294	0.262324	0.699401	420.8636	1023.682	0.26094	0.308554	594.0973	582.4398	7.269022	100	26.2
1786.168	1425.168	334.7756	21.23445	0.264486	0.683948	417.88	1013.535	0.263024	0.315072	582.2282	564.7954	7.048408	100	25.1
1786.321	1425.321	334.7808	21.23595	0.268471	0.663646	414.9217	1008.225	0.266848	0.330513	555.6426	522.4509	6.519592	100	22.7
1786.473	1425.473	334.7859	21.23745	0.270186	0.6492	413.4717	1006.562	0.268507	0.341463	538.2417	492.3224	6.14327	100	21.2
1786.626	1425.626	334.791	21.23895	0.265934	0.674575	413.9845	1004.914	0.264471	0.341474	543.7958	502.1654	6.265734	100	22
1786.778	1425.778	334.7961	21.24045	0.257795	0.730677	415.7197	1003.815	0.256737	0.330757	569.2591	544.6555	6.795512	100	24.9
1786.93	1425.93	334.8012	21.24196	0.256529	0.747757	416.9596	1002.681	0.255555	0.326242	577.1201	556.9747	6.948812	100	25.6
1787.083	1426.083	334.8064	21.24346	0.261894	0.719125	416.472	1004.41	0.260686	0.313585	587.5068	572.7314	7.144984	100	25.8
1787.235	1426.235	334.8115	21.24496	0.267183	0.690441	415.3554	1006.516	0.265751	0.313166	581.0947	563.0721	7.024078	100	24.8
1787.388	1426.388	334.8166	21.24646	0.25898	0.729934	414.5884	1011.578	0.257954	0.307347	599.8857	590.7911	7.369439	100	27
1787.54	1426.54	334.8217	21.24796	0.240352	0.846187	415.1328	1023.748	0.240282	0.308674	622.4417	621.8945	7.756973	100	30.9
1787.692	1426.692	334.8269	21.24947	0.229884	0.94188	418.9355	1042.191	0.2304	0.316616	625.1182	625.4444	7.8008	100	32.6
1787.845	1426.845	334.832	21.25097	0.238545	0.885825	426.7236	1068.425	0.238614	0.33399	589.8076	576.1454	7.185511	100	28.7
1787.997	1426.997	334.8371	21.25247	0.257015	0.762619	434.0385	1089.369	0.256171	0.346947	547.697	508.95	6.347106	100	23.2
1788.15	1427.15	334.8422	21.25397	0.272608	0.701895	435.1039	1103.372	0.271063	0.358987	510.5316	439.6866	5.48301	100	18.6
1788.302	1427.302	334.8473	21.25548	0.279677	0.735231	429.3318	1108.555	0.277845	0.384117	466.492	341.5427	4.258883	100	13.7
1788.454	1427.454	334.8525	21.25698	0.280723	0.826429	419.4602	1098.462	0.278869	0.405964	434.931	257.3771	3.209192	100	9.9
1788.607	1427.607	334.8576	21.25848	0.275045	0.905092	407.5146	1071.982	0.273459	0.401656	448.3417	294.7553	3.675044	100	11.9
1788.759	1427.759	334.8627	21.25998	0.268512	0.854242	394.6609	1051.034	0.26724	0.376466	491.6864	400.1024	4.988238	100	17.1
1788.912	1427.912	334.8678	21.26148	0.256605	0.831869	381.1944	1026.977	0.255913	0.341349	555.7782	522.6775	6.516059	100	23.9
1789.064	1428.064	334.873	21.26299	0.237028	0.891511	368.0103	991.4006	0.237353	0.303958	632.99	635.7252	7.924932	100	32.1
1789.216	1428.216	334.8781	21.26449	0.212338	0.978515	357.8465	991.1057	0.214088	0.272587	708.3888	724.4241	9.030132	100	41.3
1789.369	1428.369	334.8832	21.26599	0.199053	0.905477	352.2587	937.1449	0.201653	0.264237	737.0712	754.7056	9.40706	100	46.1
1789.521	1428.521	334.8883	21.26749	0.203377	0.673308	351.6662	903.9697	0.205724	0.261006	735.913	753.51	9.391619	100	44.9
1789.674	1428.674	334.8934	21.269	0.21538	0.491467	354.4972	904.1551	0.217014	0.259322	722.6565	739.6695	9.218582	100	41.4
1789.826	1428.826	334.8986	21.2705	0.22712	0.415621	359.605	911.66	0.228098	0.251055	718.7682	735.5525	9.166746	100	38.9
1789.978	1428.978	334.9037	21.272	0.228532	0.436432	367.1518	924.7127	0.229453	0.250184	718.1015	734.8438	9.15739	100	38.6
1790.131	1429.131	334.9088	21.2735	0.222217	0.505976	375.9433	941.4956	0.223518	0.247447	730.0694	747.4451	9.31389	100	40.5
1790.283	1429.283	334.9139	21.27501	0.222408	0.593426	384.265	960.9402	0.223719	0.242416	736.7326	754.3562	9.399467	100	40.9
1790.436	1429.436	334.919	21.27651	0.235325	0.650681	389.5126	984.3221	0.23594	0.240624	722.3414	739.3369	9.211796	100	37.7
1790.588	1429.588	334.9242	21.27801	0.250483	0.6837	389.606	996.9568	0.250334	0.236409	708.2952	724.3228	9.02421	100	34.6
1790.74	1429.74	334.9293	21.27951	0.249303	0.767281	385.2377	1020.266	0.249236	0.233193	714.2487	730.7322	9.103542	100	35.1
1790.893	1429.893	334.9344	21.28101	0.235884	0.862375	378.424	1039.544	0.236535	0.237437	725.9196	743.1039	9.257141	100	37.9
1791.045	1430.045	334.9395	21.28252	0.223967	0.916465	370.2766	1043.665	0.225299	0.239563	738.4893	756.1667	9.419325	100	40.8
1791.198	1430.198	334.9447	21.28402	0.219212	0.912138	360.2207	1043.491	0.220841	0.233562	752.9239	770.8698	9.601928	100	42.6
1791.35	1430.35	334.9498	21.28552	0.219538	0.871497	348.6754	1039.754	0.221169	0.21698	775.3548	793.1788	9.879243	100	43.8
1791.502	1430.502	334.9549	21.28702	0.219869	0.824758	339.4706	1028.866	0.221503	0.201657	796.0399	813.2734	10.12895	100	44.8
1791.655	1430.655	334.96	21.28852	0.217999	0.788128	339.4179	1020.751	0.219765	0.187878	817.4535	833.6966	10.38271	100	46.4
1791.807	1430.807	334.9651	21.29003	0.221947	0.687777	351.3947	1026.446	0.223505	0.205218	788.3628	805.8624	10.03549	100	43.9
1791.96	1430.96	334.9703	21.29153	0.239273	0.564213	371.2758	1032.272	0.239897	0.240982	716.3863	733.0169	9.127818	100	36.7
1792.112	1431.112	334.9754	21.29303	0.267185	0.497514	392.3191	1036.927	0.266457	0.283061	621.6647	620.8588	7.730739	100	27.4
1792.264	1431.264	334.9805	21.29453	0.290039	0.473862	406.5062	1045.59	0.288348	0.288817	583.5126	566.7398	7.056462	100	22.7
1792.417	1431.417	334.9856	21.29604	0.298236	0.498077	410.6612	1048.617	0.296242	0.273789	593.3578	581.3611	7.238095	100	22.7
1792.569	1431.569	334.9907	21.29754	0.288333	0.543699	407.671	1036.895	0.286755	0.253936	633.8467	636.8301	7.928245	100	25.9
1792.722	1431.722	334.9959	21.29904	0.26835	0.634384	401.7975	1036.962	0.267657	0.250709	664.6546	674.9145	8.401898	100	29.8
1792.874	1431.874	335.001	21.30054	0.248537	0.782689	396.6479	1054.995	0.248816	0.256646	682.463	695.6385	8.659392	100	33.4
1793.026	1432.026	335.0061	21.30204	0.234185	0.899209	394.6741	1060.66	0.235236	0.231676	735.6616	753.2501	9.376012	100	38.7
1793.179	1432.179	335.0112	21.30355	0.229528	0.92448	396.3904	1044.373	0.230856	0.21815	760.3719	778.3449	9.687819	100	40.9
1793.331	1432.331	335.0163	21.30505	0.236352	0.857131	398.8019	1039.581	0.23733	0.234353	729.0779	746.4104	9.28981	100	38
1793.484	1432.484	335.0215	21.30655	0.258366	0.799712	398.5302	1039.107	0.258249	0.27696	641.4106	646.4715	8.045512	100	29.7
1793.636	1432.636	335.0266	21.30805	0.284052	0.785332	394.7526	1048.542	0.282805	0.319025	549.4745	512.0065	6.371695	100	20.9
1793.788	1432.788	335.0317	21.30956	0.301912	0.786667	393.4647	1069.131	0.299975	0.323	520.2939	458.9379	5.71095	100	17.4
1793.941	1432.941	335.0368	21.31106	0.304005	0.833395	398.528	1083.448	0.302011	0.294388	556.9699	524.6659	6.528486	100	20
1794.093	1433.093	335.0419	21.31256	0.293822	0.863452	407.0242	1095.17	0.292242	0.263412	613.1965	609.4103	7.582538	100	24.4
1794.246	1433.246	335.0471	21.31406	0.281631	0.882229	414.4091	1105.041	0.280574	0.275026	613.2717	609.5133	7.583387	100	25.5

1794.398	1433.398	335.0522	21.31557	0.279052	0.852091	416.3222	1106.176	0.278127	0.306776	572.8337	550.3009	6.846289	100	23.1
1794.55	1433.55	335.0573	21.31707	0.28468	0.816772	412.8018	1106.677	0.283539	0.337127	523.4806	465.0497	5.785349	100	18.8
1794.703	1433.703	335.0624	21.31857	0.290191	0.800123	408.2206	1110.051	0.288845	0.330054	525.9186	469.6702	5.842496	100	18.6
1794.855	1433.855	335.0675	21.32007	0.287449	0.813895	407.9868	1110.534	0.286237	0.309733	557.5611	525.6489	6.538473	100	21.3
1795.008	1434.008	335.0727	21.32157	0.28059	0.766839	412.9963	1108.132	0.279687	0.300355	579.5415	560.6996	6.974065	100	23.4
1795.16	1434.16	335.0778	21.32308	0.275965	0.721088	418.9362	1098.132	0.275284	0.313596	567.3452	541.6023	6.736143	100	22.9
1795.312	1434.312	335.0829	21.32458	0.278461	0.695289	420.1666	1090.833	0.277694	0.348673	515.614	449.8101	5.594164	100	18.5
1795.465	1434.465	335.088	21.32608	0.277654	0.719833	414.1023	1076.282	0.276944	0.336026	534.1021	484.8408	6.029487	100	20.2
1795.617	1434.617	335.0931	21.32758	0.267347	0.792861	402.5887	1048.287	0.267117	0.285522	617.3575	615.0726	7.648614	100	27.2
1795.77	1434.77	335.0983	21.32908	0.241427	0.949801	389.5001	1025.598	0.242487	0.225256	734.5145	752.0635	9.351604	100	37.4
1795.922	1434.922	335.1034	21.33059	0.211902	1.075069	379.0693	1021.126	0.214646	0.190966	820.2556	836.3455	10.39902	100	48
1796.074	1435.074	335.1085	21.33209	0.184944	1.168891	375.4474	1014.914	0.189452	0.175112	876.9014	889.1012	11.05434	100	58.8
1796.227	1435.227	335.1136	21.33359	0.167877	1.240223	381.0188	1008.865	0.173634	0.171444	903.7925	913.8469	11.36136	100	66.9
1796.379	1435.379	335.1187	21.33509	0.159364	1.195075	395.8759	1003.408	0.165795	0.176863	907.1322	916.9159	11.39887	100	70.8
1796.532	1435.532	335.1239	21.3366	0.160873	0.990829	415.8236	997.4138	0.167208	0.183983	895.357	906.0927	11.26367	100	69.2
1796.684	1435.684	335.129	21.3381	0.164648	0.947843	436.7366	1020.564	0.170715	0.189845	882.428	894.1946	11.11513	100	66.7
1796.836	1435.836	335.1341	21.3396	0.176313	0.987075	456.4493	1060.462	0.181539	0.220067	825.7847	841.5583	10.46025	100	58.3
1796.989	1435.989	335.1392	21.3411	0.199555	1.042104	471.9351	1112.951	0.203222	0.302478	682.1344	695.2637	8.641367	100	42.1
1797.141	1436.141	335.1443	21.3426	0.238633	1.013022	481.1299	1214.827	0.240038	0.424414	463.0571	333.0029	4.138626	100	15.9
1797.294	1436.294	335.1495	21.34411	0.275273	0.971632	484.0435	1253.757	0.27493	0.520964	281.667	69.34605	0.861797	100	1.6
1797.446	1436.446	335.1546	21.34561	0.294617	1.031257	482.9174	1309.319	0.29349	0.518917	258.8788	63.22666	0.785703	100	1.2
1797.598	1436.598	335.1597	21.34711	0.294804	1.110286	480.1878	1362.398	0.293691	0.514107	265.2399	64.85388	0.805878	100	1.3
1797.751	1436.751	335.1648	21.34861	0.290123	1.172777	477.6613	1376	0.289219	0.496944	295.0953	73.40259	0.912053	100	1.7
1797.903	1436.903	335.1699	21.35011	0.286151	1.209002	476.2717	1384.556	0.285432	0.456896	355.5886	101.0227	1.255171	100	3
1798.056	1437.056	335.1751	21.35162	0.283516	1.220865	476.1238	1394.44	0.282928	0.434945	389.3348	136.293	1.693295	100	4.6
1798.208	1437.208	335.1802	21.35312	0.282491	1.220093	476.9095	1394.835	0.281968	0.440488	383.0104	127.3077	1.581572	100	4.2
1798.36	1437.36	335.1853	21.35462	0.2835	1.158292	478.3209	1395.185	0.282957	0.461216	353.041	99.28147	1.233326	100	2.9
1798.513	1437.513	335.1904	21.35612	0.28569	1.142626	480.0212	1397.987	0.285078	0.470118	337.8301	90.38978	1.122805	100	2.5
1798.665	1437.665	335.1955	21.35763	0.286773	1.157131	481.8421	1402.098	0.286138	0.468556	338.5231	90.74798	1.127189	100	2.5
1798.818	1437.818	335.2007	21.35913	0.287909	1.188981	483.5298	1403.762	0.287249	0.457034	352.8902	99.18102	1.231867	100	2.9
1798.97	1437.97	335.2058	21.36063	0.290358	1.185571	484.4171	1404.987	0.28962	0.455127	352.2497	98.75764	1.226538	100	2.8
1799.122	1438.122	335.2109	21.36213	0.292623	1.179696	484.1487	1408.011	0.291816	0.475016	321.7713	83.00773	1.030871	100	2.1
1799.275	1438.275	335.216	21.36363	0.293813	1.166696	483.0385	1410.738	0.29298	0.466361	332.1093	87.57073	1.087476	100	2.3
1799.427	1438.427	335.2211	21.36514	0.292909	1.184279	482.033	1411.975	0.292135	0.463595	337.0929	90.01291	1.11774	100	2.4
1799.58	1438.58	335.2263	21.36664	0.289737	1.242964	482.1266	1410.339	0.289112	0.454419	353.9279	99.87802	1.24017	100	2.9
1799.732	1438.732	335.2314	21.36814	0.286488	1.30153	483.3569	1409.601	0.286018	0.459289	351.4763	98.25312	1.219924	100	2.9
1799.884	1438.884	335.2365	21.36964	0.285242	1.318237	485.0572	1404.361	0.284845	0.459642	352.6079	98.99383	1.229051	100	2.9
1800.037	1439.037	335.2416	21.37115	0.2875	1.276017	486.2685	1403.29	0.287032	0.441755	374.2748	117.0617	1.453288	100	3.7
1800.189	1439.189	335.2468	21.37265	0.290927	1.228143	486.5111	1391.041	0.290341	0.435459	378.3964	121.6199	1.50979	100	3.8
1800.342	1439.342	335.2519	21.37415	0.293719	1.197165	486.1537	1392.578	0.293043	0.454386	348.548	96.40641	1.196722	100	2.7
1800.494	1439.494	335.257	21.37565	0.296595	1.168317	485.7833	1393.446	0.295828	0.46408	331.3271	87.20308	1.082416	100	2.2
1800.646	1439.646	335.2621	21.37716	0.302399	1.121059	485.6896	1394.591	0.30143	0.454884	336.2863	89.60535	1.112171	100	2.2
1800.799	1439.799	335.2672	21.37866	0.306931	1.079381	485.7956	1409.064	0.305815	0.457182	327.0641	85.26707	1.058264	100	2
1800.951	1439.951	335.2724	21.38016	0.306065	1.085543	485.9018	1403.095	0.305003	0.479831	296.9298	73.98966	0.918246	100	1.5
1801.104	1440.104	335.2775	21.38166	0.298114	1.157482	485.6522	1393.957	0.297376	0.493123	289.1126	71.54577	0.887866	100	1.6
1801.256	1440.256	335.2826	21.38316	0.294126	1.182299	485.0025	1398.811	0.293566	0.49053	297.9477	74.31924	0.922231	100	1.7
1801.408	1440.408	335.2877	21.38467	0.295658	1.148987	484.3053	1399.843	0.295059	0.484939	303.6035	76.20363	0.945561	100	1.8
1801.561	1440.561	335.2928	21.38617	0.297047	1.113812	484.2685	1397.364	0.296416	0.454874	343.2204	93.28203	1.157409	100	2.5
1801.713	1440.713	335.298	21.38767	0.290028	1.145169	485.2764	1405.078	0.289697	0.459852	345.6225	94.65541	1.174383	100	2.6
1801.866	1440.866	335.3031	21.38917	0.27998	1.230666	486.4719	1402.956	0.28009	0.457459	362.1832	105.9614	1.31458	100	3.3
1802.018	1441.018	335.3082	21.39067	0.276617	1.263473	486.4161	1402.598	0.276894	0.440999	389.3086	136.2525	1.690283	100	4.7
1802.17	1441.17	335.3133	21.39218	0.279688	1.232875	484.1151	1402.657	0.279854	0.440335	386.139	131.5655	1.632045	100	4.4
1802.323	1441.323	335.3185	21.39368	0.277934	1.227853	479.9657	1398.975	0.278198	0.445109	381.8365	125.7968	1.560396	100	4.2
1802.475	1441.475	335.3236	21.39518	0.263102	1.376636	475.8291	1398.505	0.264055	0.437703	411.5741	184.0625	2.283	100	7.3
1802.628	1441.628	335.3287	21.39668	0.247803	1.59413	473.5472	1400.316	0.249522	0.449275	415.6599	196.7912	2.44074	100	8.6
1802.78	1441.78	335.3338	21.39819	0.242787	1.727862	473.7772	1400.024	0.244785	0.461599	405.1899	167.0689	2.071985	100	7.3
1802.932	1441.932	335.3389	21.39969	0.255186	1.565979	476.2175	1396.162	0.256582	0.446925	409.1605	177.2531	2.198164	100	7.3
1803.085	1442.085	335.3441	21.40119	0.26949	1.379099	478.4004	1392.9	0.270237	0.437983	402.6565	161.1685	1.998581	100	6.1
1803.237	1442.237	335.3492	21.40269	0.281926	1.269543	477.1696	1385.013	0.282149	0.468871	343.592	93.4909	1.159274	100	2.7
1803.39	1442.39	335.3543	21.40419	0.284555	1.296218	471.4612	1372.697	0.28469	0.489664	311.392	78.96417	0.979089	100	2.1
1803.542	1442.542	335.3594	21.4057	0.279931	1.389853	462.2084	1350.881	0.280283	0.472084	341.7329	92.45872	1.146344	100	2.8
1803.694	1442.694	335.3645	21.4072	0.272568	1.500662	453.3149	1344.53	0.273264	0.432687	405.7879	168.5269	2.089352	100	6.4
1803.847	1442.847	335.3697	21.4087	0.269014	1.504012	448.7527	1338.12	0.269892	0.400886	454.3269	310.6461	3.851091	100	13
1803.999	1442.999	335.3748	21.4102	0.27597	1.391674	448.7445	1325.184	0.276559	0.393498	455.3219	313.2426	3.883059	100	12.8
1804.152	1443.152	335.3799	21.41171	0.289723	1.163148	450.9688	1312.503	0.289755	0.423535	395.6595	146.9492	1.821526	100	4.9
1804.304	1443.304	335.385	21.41321	0.306088	0.990186	453.2725	1297.264	0.305506	0.435286	357.7066	102.5376	1.270945	100	2.7
1804.456	1443.456	335.3901	21.41471	0.317877	0.905445	455.3825	1297.948	0.316894	0.457999	310.6477	78.69116	0.975315	100	1.5
1804.609	1443.609	335.3953	21.41621	0.32547	0.861024	458.045	1303.018	0.324252	0.462421	294.3917	73.17969	0.906953	100	1.2
1804.761	1443.761	335.4004	21.41772	0.330321	0.847895	461.4982	1301.648	0.328966	0.477433	267.1701	65.3591	0.809982	100	0.9
1804.914	1443.914	335.4055	21.41922	0.333561	0.860722	464.9675	1310.51	0.332125	0.46714	277.0135	68.02672	0.842993	100	1
1805.066	1444.066	335.4106	21.42072	0.334599	0.877411	468.2714	1337.486	0.333152	0.471885	269.0483	65.85609	0.816048	100	0.9
1805.218	1444.218	335.4157	21.42222	0.335419	0.874439	471.5977	1347.104	0.333969	0.458314	286.6499	70.80532	0.877326	100	1.1
1805.371	1444.371	335.4209	21.42372	0.337675	0.854394	474.7048	1352.996	0.336177	0.481392	251.7553	61.46843	0.761593	100	0.7
1805.523	1444.523	335.426	21.42523	0.337252	0.865992	477.1926	1370.347	0.335789	0.503403	221.9152	54.72379	0.677988	100	0.5
1805.676	1444.676	335.4311	21.42673	0.336229	0.865055	478.5563	1377.325	0.334819	0.495133	234.6658	57.49338	0.71226	100	0.6
1805.828	1444.828	335.4362	21.42823	0.336909	0.854756	479.0181	1382.684	0.3355	0.486253	245.981	60.08883	0.744372	100	0.7
1805.98	1444.98	335.4413	21.42973	0.340808	0.829498	479.0576	1388.018	0.339301	0.473401	258.4704	63.1241	0.781928	100	0.7
1806.133	1445.133	335.4465	21.43123	0.340878	0.842658	477.9028	1375.685	0.339391	0.458143	279.4034	68.69927	0.85094	100	0.9
1806.285	1445.285	335.4516	21.43274	0.333236	0.905268	474.411	1341.643	0.332007	0.4439	309.2493	78.18377	0.968364	100	1.4
1806.438	1445.438	335.4567	21.43424	0.322876	1.022375	468.9819	1299.816	0.322007	0.454426	308.5223	77.92276	0.965077	100	1.5

1806.59	1445.59	335.4618	21.43574	0.320833	1.107809	463.1495	1299.744	0.320054	0.472744	285.9379	70.59371	0.874256	100	1.3
1806.742	1445.742	335.4669	21.43724	0.324744	1.0897	458.5049	1295.005	0.323856	0.435034	332.7315	87.8661	1.088102	100	1.9
1806.895	1445.895	335.4721	21.43875	0.317705	1.044159	456.0673	1278.67	0.317077	0.368286	434.1991	255.2632	3.160906	100	8.5
1807.047	1446.047	335.4772	21.44025	0.299706	0.982079	455.2556	1268.491	0.299758	0.324166	518.9863	456.4058	5.651319	100	17.4
1807.2	1446.2	335.4823	21.44175	0.2936	0.873607	453.939	1224.036	0.293912	0.323375	528.1444	473.8476	5.866954	100	18.5
1807.352	1446.352	335.4874	21.44325	0.305592	0.808698	449.939	1178.165	0.305465	0.343458	484.4861	384.0643	4.75503	100	14
1807.504	1446.504	335.4925	21.44475	0.324631	0.793737	443.3317	1172.644	0.323855	0.344476	457.7024	319.4035	3.954252	100	10.6
1807.657	1446.657	335.4977	21.44626	0.326741	0.82662	437.817	1166.263	0.325917	0.324285	482.7212	380.051	4.704807	100	12.9
1807.809	1446.809	335.5028	21.44776	0.316848	0.845176	435.2872	1157.296	0.316381	0.30237	526.1232	470.0559	5.818683	100	16.9
1807.962	1446.962	335.5079	21.44926	0.299434	0.885379	434.8058	1160.342	0.299627	0.292338	563.0884	534.7335	6.618933	100	20.6
1808.114	1447.114	335.513	21.45076	0.280043	0.94639	434.2958	1156.149	0.281045	0.274575	613.2447	609.4763	7.543671	100	25.5
1808.266	1447.266	335.5181	21.45226	0.265773	0.978971	432.5824	1143.929	0.267432	0.264961	645.2982	651.3495	8.061491	100	29
1808.419	1447.419	335.5233	21.45377	0.264494	0.943169	428.8427	1139.128	0.266233	0.295574	604.7057	597.625	7.396142	100	26.6
1808.571	1447.571	335.5284	21.45527	0.270562	0.894475	425.2872	1141.473	0.272046	0.33033	548.7221	510.7153	6.320198	100	21.9
1808.724	1447.724	335.5335	21.45677	0.261593	0.951591	428.7881	1157.866	0.263512	0.358995	520.9403	460.1843	5.694545	100	20.3
1808.876	1447.876	335.5386	21.45827	0.242554	1.070522	441.1649	1171.132	0.245437	0.360149	544.2916	503.0335	6.224429	100	24.3
1809.028	1448.028	335.5437	21.45978	0.236224	1.050607	458.21	1199.227	0.239463	0.415907	475.5904	363.4946	4.497546	100	17.6
1809.181	1448.181	335.5489	21.46128	0.258079	0.945009	472.883	1252.417	0.26023	0.460886	384.8599	129.7827	1.60572	100	4.7
1809.333	1448.333	335.554	21.46278	0.28575	0.926704	479.7691	1277.17	0.286686	0.468771	337.4695	90.2049	1.115986	100	2.4
1809.486	1448.486	335.5591	21.46428	0.299161	0.980503	479.6624	1315.467	0.299583	0.456007	337.2861	90.11127	1.114764	100	2.2
1809.638	1448.638	335.5642	21.46579	0.301947	1.022059	477.9108	1357.79	0.302284	0.443823	350.3729	97.54566	1.206666	100	2.5
1809.79	1448.79	335.5693	21.46729	0.305374	1.022079	480.5066	1376.758	0.305604	0.440097	350.9332	97.90308	1.211018	100	2.5
1809.943	1448.943	335.5745	21.46879	0.310435	0.988298	488.8979	1389.18	0.310501	0.493213	270.875	66.34471	0.820609	100	1.2
1810.095	1449.095	335.5796	21.47029	0.32838	0.862792	498.3754	1391.727	0.327851	0.545139	175.2732	45.7631	0.566005	100	0.2
1810.248	1449.248	335.5847	21.47179	0.328788	0.847617	503.3149	1382.356	0.328268	0.528454	197.7246	49.86518	0.616706	100	0.3
1810.4	1449.4	335.5898	21.4733	0.30064	1.024828	502.0142	1391.271	0.301136	0.496425	279.366	68.68867	0.849456	100	1.3
1810.552	1449.552	335.5949	21.4748	0.255457	1.511932	497.1599	1383.437	0.257931	0.47233	372.2406	114.9734	1.421767	100	4.3
1810.705	1449.705	335.6001	21.4763	0.243447	1.750858	492.566	1390.904	0.246545	0.484426	371.2599	114.0016	1.40967	100	4.6
1810.857	1449.857	335.6052	21.4778	0.264228	1.527705	489.6012	1392.215	0.266329	0.507447	312.1893	79.25889	0.980008	100	2.4
1811.01	1450.01	335.6103	21.47931	0.282777	1.339672	487.7829	1388.962	0.284078	0.508212	286.6408	70.80261	0.8754	100	1.7
1811.162	1450.162	335.6154	21.48081	0.279594	1.426615	486.698	1390.941	0.281051	0.497994	304.9176	76.65521	0.947707	100	2.1
1811.314	1450.314	335.6206	21.48231	0.277148	1.396664	486.0325	1396.007	0.278733	0.488505	321.2109	82.77702	1.023335	100	2.4
1811.467	1450.467	335.6257	21.48381	0.282823	1.275037	485.424	1397.064	0.284187	0.501099	296.3056	73.78892	0.912167	100	1.8
1811.619	1450.619	335.6308	21.48531	0.29019	1.145568	484.7997	1398.045	0.291271	0.516163	265.7408	64.98447	0.803282	100	1.3
1811.772	1450.772	335.6359	21.48682	0.292619	1.112064	484.6073	1396.879	0.293624	0.505635	277.0226	68.02926	0.840871	100	1.4
1811.924	1450.924	335.641	21.48832	0.292427	1.12509	484.8435	1394.262	0.293462	0.498809	286.6671	70.81046	0.875199	100	1.6
1812.076	1451.076	335.6462	21.48982	0.292309	1.142397	485.0768	1392.117	0.29337	0.484166	306.9999	77.38211	0.956368	100	1.8
1812.229	1451.229	335.6513	21.49132	0.292226	1.134811	484.7826	1387.352	0.293312	0.493346	294.4121	73.18614	0.904459	100	1.7
1812.381	1451.381	335.6564	21.49282	0.295298	1.125584	484.0439	1386.901	0.296284	0.505751	273.1921	66.97221	0.827618	100	1.4
1812.534	1451.534	335.6615	21.42226	0.300149	1.098559	483.4293	1383.082	0.300968	0.513637	255.8445	62.46983	0.774488	100	1.1
1812.686	1451.686	335.6666	21.31544	0.30112	1.103006	483.0208	1377	0.301924	0.544702	211.6564	52.60354	0.655389	100	0.7
1812.838	1451.838	335.6718	21.20883	0.298898	1.105025	482.6157	1377.054	0.299809	0.548478	209.3645	52.1422	0.652862	100	0.7
1812.991	1451.991	335.6769	21.12987	0.295507	1.116394	481.8707	1374.784	0.296572	0.547581	215.0694	53.29876	0.669806	100	0.8
1813.143	1452.143	335.682	21.10714	0.293367	1.125968	481.1447	1379.699	0.294538	0.523889	250.5706	61.18216	0.769701	100	1.2
1813.296	1452.296	335.6871	21.08447	0.290434	1.139886	480.8666	1373.514	0.291744	0.510449	272.9734	66.9126	0.842694	100	1.5
1813.448	1452.448	335.6923	21.06185	0.282861	1.198917	480.944	1370.441	0.284506	0.487988	313.9579	79.92148	1.007604	100	2.1
1813.6	1452.6	335.6974	20.97954	0.269252	1.323479	481.1295	1371.006	0.271513	0.473388	352.0365	98.61782	1.248136	100	3.3
1813.753	1452.753	335.7025	21.07025	0.258591	1.445466	481.0419	1370.192	0.261371	0.462961	380.4223	124.0358	1.563195	100	4.7
1813.905	1452.905	335.7076	20.97807	0.263962	1.409852	480.6843	1371.976	0.266509	0.46302	373.2496	115.9966	1.468224	100	4.2
1814.058	1453.058	335.7127	20.88523	0.279387	1.262559	480.5649	1372.692	0.281267	0.477123	333.4224	88.19711	1.121256	100	2.6
1814.21	1453.21	335.7179	20.75041	0.293203	1.140889	480.8869	1375.987	0.294532	0.482089	308.2633	77.83021	0.995811	100	2
1814.362	1453.362	335.723	20.65621	0.296954	1.110232	481.1296	1371.259	0.298157	0.501163	276.9385	68.00579	0.874036	100	1.5
1814.515	1453.515	335.7281	20.63424	0.297598	1.109138	480.8672	1359.191	0.298798	0.512806	259.9865	63.506	0.81707	100	1.3
1814.667	1453.667	335.7332	20.61232	0.295557	1.128613	480.0714	1345.54	0.296858	0.503267	275.8268	67.69656	0.871911	100	1.5
1814.82	1453.82	335.7384	20.59045	0.291838	1.15405	479.0661	1351.869	0.293309	0.502384	281.9438	69.42582	0.895132	100	1.6
1814.972	1453.972	335.7435	20.56864	0.287182	1.191742	479.0356	1353.17	0.288864	0.511227	275.8743	67.70972	0.87393	100	1.6
1815.124	1454.124	335.7486	20.49476	0.283669	1.225892	483.0319	1355.834	0.285519	0.509166	283.335	69.82896	0.904501	100	1.8
1815.277	1454.277	335.7537	20.58395	0.27756	1.288186	492.7317	1360.766	0.279692	0.488341	320.1146	82.33011	1.061881	100	2.4
1815.429	1454.429	335.7588	20.45641	0.277241	1.229258	503.6032	1357.076	0.279408	0.49668	308.9983	78.09344	1.01345	100	2.2
1815.582	1454.582	335.764	20.37108	0.288966	1.111259	505.6623	1349.58	0.290662	0.528993	248.8772	60.77589	0.791986	100	1.3
1815.734	1454.734	335.7691	20.34964	0.306198	1.086455	492.2495	1324.207	0.307246	0.550794	195.9049	49.51885	0.645973	100	0.6
1815.886	1454.886	335.7742	20.32824	0.313015	1.175915	467.3854	1287.527	0.313837	0.532098	212.6107	52.79692	0.68946	100	0.8
1816.039	1455.039	335.7793	20.3069	0.304042	1.440941	440.1808	1248.785	0.305213	0.483911	291.0087	72.12509	0.942851	100	1.8
1816.191	1455.191	335.7844	20.2856	0.28526	1.554009	419.7276	1203.22	0.287195	0.424048	398.4844	152.3501	1.993678	100	5.7
1816.344	1455.344	335.7896	20.19895	0.26521	1.275986	411.6342	1190.313	0.268047	0.376025	491.1813	398.9946	5.243518	100	18.4
1816.496	1455.496	335.7947	20.09871	0.250748	0.890456	416.4878	1176.45	0.254301	0.359379	533.1217	483.0504	6.379558	100	24
1816.648	1455.648	335.7998	19.99582	0.24991	0.608024	430.9892	1169.52	0.253527	0.387562	495.297	407.948	5.415193	100	20.1
1816.801	1455.801	335.8049	19.90034	0.26075	0.474892	449.0822	1165.718	0.263861	0.429233	423.5314	223.5394	2.981444	100	9.7
1816.953	1455.953	335.81	19.83925	0.273348	0.452099	464.425	1164.658	0.275903	0.458514	366.5047	109.5881	1.466099	100	3.6
1817.106	1456.106	335.8152	19.73071	0.28457	0.51828	471.1714	1166.436	0.286664	0.486217	313.4245	79.72036	1.072347	100	2
1817.258	1456.258	335.8203	19.60873	0.294914	0.667712	465.9107	1163.453	0.29661	0.502445	277.3044	68.10803	0.921806	100	1.5
1817.41	1456.41	335.8254	19.48111	0.303945	0.867878	450.0749	1156.772	0.305315	0.49887	270.2247	66.17017	0.901408	100	1.4
1817.563	1456.563	335.8305	19.38793	0.303814	1.018893	431.0984	1154.87	0.305211	0.465017	317.0855	81.12439	1.110408	100	2.1
1817.715	1456.715	335.8356	19.31444	0.290944	1.052954	418.9591	1143.098	0.292863	0.414727	403.5251	163.1423	2.241509	100	6.2
1817.868	1456.868	335.8408	19.29545	0.272414	0.92433	419.5797	1126.478	0.275141	0.383729	470.7591	351.9567	4.840529	100	16.3
1818.02	1457.02	335.8459	19.47606	0.265093	0.696269	430.6291	1116.331	0.268174	0.399274	458.9223	322.533	4.395084	100	15
1818.172	1457.172	335.851	19.50483	0.27979	0.420726	443.5014	1113.013	0.282238	0.441259	381.5748	125.4662	1.707219	100	4.3
1818.325	1457.325	335.8561	19.57418	0.303952	0.277039	450.5557	1112.211	0.305452	0.481304	294.2775	73.14366	0.991781	100	1.4
1818.477	1457.477	335.8612	19.55673	0.319174	0.252658	450.1663	1113.903	0.320148	0.476982	279.9609	68.85767	0.934504	100	1.1
1818.63	1457.63	335.8664	19.47984	0.314174	0.321968	446.7157	1121.467	0.315344	0.465661	302.2125	75.73151	1.03183	100	1.5

1818.782	1457.782	335.8715	19.5872	0.296703	0.456712	445.1068	1137.789	0.298545	0.460898	331.9684	87.5042	1.185763	100	2.2
1818.934	1457.934	335.8766	19.7364	0.277731	0.652556	447.6805	1153.168	0.280376	0.453009	367.9279	110.8596	1.49101	100	3.7
1819.087	1458.087	335.8817	19.73756	0.265294	0.788319	454.7253	1168.224	0.268518	0.448053	391.1327	139.1365	1.871236	100	5.5
1819.239	1458.239	335.8868	19.91123	0.262531	0.860799	464.7997	1189.645	0.265905	0.460908	376.9981	120.0218	1.600236	100	4.5
1819.392	1458.392	335.892	19.95794	0.268509	0.839251	475.1728	1202.261	0.271629	0.468898	358.073	102.8062	1.367544	100	3.5
1819.544	1458.544	335.8971	20.04011	0.272008	0.843168	483.4465	1218.313	0.274992	0.476216	343.3332	93.34534	1.236669	100	3
1819.696	1458.696	335.9022	20.03802	0.267455	0.960545	489.2275	1238.599	0.270666	0.485546	336.4285	89.67688	1.188206	100	2.9
1819.849	1458.849	335.9073	19.98919	0.264809	1.064551	492.8681	1265.755	0.268164	0.509312	307.0831	77.41145	1.028183	100	2.4
1820.001	1459.001	335.9124	19.9422	0.268057	1.115615	494.7144	1287.465	0.271284	0.51695	292.2363	72.50457	0.965268	100	2.1
1820.154	1459.154	335.9176	19.9737	0.280013	1.072232	494.6997	1317.694	0.282734	0.516554	276.9838	68.01843	0.904141	100	1.7
1820.306	1459.306	335.9227	19.99884	0.286418	1.069325	493.2974	1337.284	0.288891	0.517039	267.8169	65.52964	0.869985	100	1.6
1820.458	1459.458	335.9278	19.98929	0.288603	1.11537	491.6982	1361.953	0.291008	0.503917	283.0035	69.73255	0.926233	100	1.7
1820.611	1459.611	335.9329	19.82393	0.283188	1.256489	491.039	1379.918	0.285838	0.486768	313.8036	79.86319	1.069571	100	2.4
1820.763	1459.763	335.938	19.85935	0.276355	1.449917	490.7034	1384.868	0.27932	0.479664	332.6029	87.80483	1.173867	100	2.9
1820.916	1459.916	335.9432	19.92383	0.273464	1.531934	488.9296	1387.758	0.276578	0.483426	331.1948	87.14127	1.161276	100	2.9
1821.068	1460.068	335.9483	19.92616	0.274913	1.539624	485.2026	1392.554	0.277985	0.455033	368.4354	111.323	1.483377	100	4.1
1821.22	1460.22	335.9534	19.92849	0.274326	1.543117	480.8564	1386.606	0.277445	0.442003	387.1619	133.0351	1.772507	100	5.2
1821.373	1460.373	335.9585	19.93081	0.266171	1.709388	478.025	1381.788	0.269679	0.426746	418.9343	208.2124	2.773855	100	9.2
1821.525	1460.525	335.9636	19.88048	0.25777	1.890679	477.591	1377.934	0.261695	0.44056	410.8873	182.074	2.431746	100	8.3
1821.678	1460.678	335.9688	19.88946	0.250519	1.931925	479.0246	1362.826	0.254821	0.465466	386.005	131.376	1.753869	100	5.8
1821.83	1460.83	335.9739	19.97008	0.250925	1.836652	480.8391	1357.953	0.255228	0.48308	361.1351	105.1311	1.397907	100	4.4
1821.982	1460.982	335.979	20.05421	0.255953	1.739399	482.4727	1353.891	0.26003	0.49168	342.6399	92.95838	1.230931	100	3.6
1822.135	1461.135	335.9841	20.13176	0.267423	1.59553	484.6715	1336.215	0.270982	0.509688	302.6757	75.88806	1.001072	100	2.5
1822.287	1461.287	335.9892	20.17505	0.280744	1.440971	487.7086	1337.282	0.283736	0.526336	262.1011	64.04389	0.843047	100	1.7
1822.44	1461.44	335.9944	20.2673	0.290176	1.327372	491.0507	1405.619	0.292798	0.54236	227.4829	55.91407	0.732726	100	1.1
1822.592	1461.592	335.9995	20.37455	0.291838	1.306801	493.8275	1437.732	0.294414	0.520156	255.8935	62.48195	0.814544	100	1.4
1822.744	1461.744	336.0046	20.51208	0.288404	1.357557	496.2644	1458.607	0.291142	0.484126	310.1311	78.50291	1.016633	100	2.2
1822.897	1461.897	336.0097	20.50387	0.281113	1.425991	499.3937	1489.882	0.284176	0.463499	348.2089	96.19882	1.246308	100	3.1
1823.049	1462.049	336.0148	20.4695	0.279126	1.503153	503.1041	1516.804	0.282295	0.470439	341.2263	92.18286	1.196274	100	3
1823.202	1462.202	336.02	20.44068	0.281179	1.623378	506.2843	1520.095	0.284283	0.456134	358.2247	102.918	1.337463	100	3.5
1823.354	1462.354	336.0251	20.44515	0.284726	1.79721	506.9142	1510.757	0.287702	0.499785	293.2679	72.8263	0.946216	100	2.1
1823.506	1462.506	336.0302	20.46847	0.28353	2.069969	502.1934	1495.973	0.286577	0.512927	276.6846	67.93497	0.881681	100	2
1823.659	1462.659	336.0353	20.39501	0.282432	2.372391	491.5465	1472.117	0.285548	0.528177	257.0601	62.77157	0.817579	100	1.9
1823.811	1462.811	336.0404	20.35924	0.281658	2.528626	478.0861	1439.38	0.284828	0.531208	253.8707	61.98386	0.808731	100	1.9
1823.964	1462.964	336.0456	20.53644	0.283559	2.362755	468.4588	1421.888	0.28667	0.522979	262.6848	64.19346	0.83043	100	1.9
1824.116	1463.116	336.0507	20.38316	0.288287	1.905495	467.9741	1418.856	0.291224	0.495764	293.9573	73.0427	0.951938	100	2.1
1824.268	1463.268	336.0558	20.24506	0.296324	1.324364	476.5307	1417.37	0.298961	0.462821	328.7421	86.01589	1.128587	100	2.4
1824.421	1463.421	336.0609	20.06806	0.300801	0.998149	488.3485	1412.262	0.303286	0.476157	304.368	76.46567	1.012048	100	1.9
1824.573	1463.573	336.0661	20.05464	0.296491	0.980082	497.2701	1404.552	0.299164	0.469646	319.0429	81.89873	1.084688	100	2.1
1824.726	1463.726	336.0712	20.1613	0.288636	1.272085	498.7163	1388.486	0.291645	0.481897	312.5123	79.37901	1.045825	100	2.2
1824.878	1463.878	336.0763	20.27551	0.285636	1.800921	488.4793	1350.377	0.28879	0.503809	286.2146	70.67582	0.925983	100	2
1825.03	1464.03	336.0814	20.43577	0.28704	2.047651	468.2326	1320.449	0.290158	0.505806	281.57	69.31813	0.901166	100	2
1825.183	1464.183	336.0865	20.60157	0.281083	2.105262	448.2112	1286.909	0.284471	0.458277	355.0083	100.6185	1.297701	100	3.5
1825.335	1464.335	336.0917	20.76689	0.259814	2.148175	440.2161	1280.03	0.264182	0.391509	475.1471	362.447	4.63789	100	16.8
1825.488	1464.488	336.0968	20.8337	0.235392	1.959409	446.8355	1266.758	0.241019	0.364685	544.1294	502.7498	6.412939	100	26.2
1825.64	1464.64	336.1019	20.89531	0.231327	1.44747	459.9616	1246.021	0.237196	0.387006	518.6021	455.6592	5.795432	100	23.8
1825.792	1464.792	336.107	20.91176	0.249345	1.073867	470.9666	1246.151	0.254289	0.439343	422.7888	221.2656	2.812081	100	9.8
1825.945	1464.945	336.1122	20.92769	0.270988	1.017566	477.5065	1250.852	0.274925	0.459307	366.7592	109.8125	1.394584	100	3.7
1826.097	1465.097	336.1173	20.95438	0.280294	1.04722	480.7946	1262.924	0.283846	0.467571	343.0458	93.18436	1.181941	100	2.7
1826.25	1465.25	336.1224	20.95332	0.282604	1.087706	482.5932	1278.672	0.286079	0.481146	321.2295	82.78466	1.050097	100	2.3
1826.402	1465.402	336.1275	20.9495	0.283554	1.079417	483.5598	1299.508	0.287011	0.505636	286.147	70.65574	0.896418	100	1.7
1826.554	1465.554	336.1326	20.94648	0.283437	1.104161	483.8849	1330.739	0.28692	0.512448	276.8722	67.98727	0.862696	100	1.6
1826.707	1465.707	336.1378	20.98419	0.282262	1.123942	483.7623	1341.232	0.285816	0.502677	291.8802	72.39413	0.916998	100	1.8
1826.859	1465.859	336.1429	21.07914	0.281171	1.164073	483.6714	1349.074	0.284793	0.504584	290.6589	72.01758	0.90819	100	1.8
1827.012	1466.012	336.148	21.14012	0.282804	1.158926	483.9935	1356.186	0.286379	0.508838	282.6008	69.61573	0.875417	100	1.7
1827.164	1466.164	336.1531	21.13539	0.286294	1.14391	484.9157	1360.186	0.289744	0.50769	279.5408	68.73827	0.864584	100	1.6
1827.316	1466.316	336.1582	21.12724	0.292303	1.096879	486.346	1360.133	0.295531	0.518874	256.1222	62.53859	0.786913	100	1.2
1827.469	1466.469	336.1634	21.1551	0.295369	1.073835	488.008	1363.483	0.298496	0.518515	252.524	61.65508	0.774799	100	1.2
1827.621	1466.621	336.1685	21.18483	0.292448	1.090992	489.524	1375.491	0.295713	0.525072	247.3166	60.40446	0.758043	100	1.1
1827.774	1466.774	336.1736	21.13046	0.287073	1.128329	490.4685	1383.882	0.290578	0.515358	267.8089	65.52753	0.824429	100	1.4
1827.926	1466.926	336.1787	21.08062	0.285153	1.17812	490.8411	1386.092	0.288759	0.513498	272.8858	66.88874	0.843525	100	1.5
1828.078	1467.078	336.1838	21.01172	0.287211	1.183316	490.8393	1389.887	0.290753	0.51555	267.3027	65.39402	0.82735	100	1.5
1828.231	1467.231	336.189	21.14322	0.28934	1.191964	490.5483	1402.479	0.292816	0.528046	247.2107	60.37937	0.759233	100	1.2
1828.383	1467.383	336.1941	21.28063	0.291429	1.222712	490.0001	1412.21	0.294843	0.555111	207.0649	51.68369	0.645766	100	0.8
1828.536	1467.536	336.1992	21.33593	0.293109	1.239242	489.4234	1420.259	0.296477	0.553017	207.6988	51.80966	0.645696	100	0.8
1828.688	1467.688	336.2043	21.17456	0.293996	1.229359	489.3547	1421.306	0.29735	0.539225	225.5265	55.49254	0.696792	100	1
1828.84	1467.84	336.2094	21.16174	0.291008	1.242865	490.2326	1418.406	0.294503	0.51561	262.0439	64.02927	0.804473	100	1.4
1828.993	1467.993	336.2146	21.17609	0.288284	1.261648	492.1519	1415.533	0.291911	0.502662	283.4893	69.8739	0.877331	100	1.7
1829.145	1468.145	336.2197	21.18784	0.289059	1.254027	494.3601	1432.426	0.292676	0.506108	277.679	68.21298	0.856019	100	1.6
1829.298	1468.298	336.2248	21.1804	0.293542	1.204442	495.6952	1433.088	0.297	0.500573	279.3494	68.68397	0.862238	100	1.5
1829.45	1468.45	336.2299	21.2279	0.295276	1.206668	495.6042	1432.141	0.298687	0.514691	257.5378	62.8907	0.787781	100	1.3
1829.602	1468.602	336.235	21.27456	0.291854	1.247636	494.3098	1426.812	0.295423	0.508411	270.7092	66.30016	0.828704	100	1.4
1829.755	1468.755	336.2402	21.34832	0.287388	1.30747	492.5327	1419.597	0.29116	0.52552	252.981	61.76641	0.769419	100	1.3
1829.907	1468.907	336.2453	21.25153	0.284127	1.348561	490.9937	1429.1	0.288055	0.512574	275.1317	67.50431	0.844676	100	1.6
1830.06	1469.06	336.2504	21.16919	0.28221	1.367747	490.2105	1425.092	0.286241	0.503419	290.2695	71.89824	0.903114	100	1.9
1830.212	1469.212	336.2555	21.03836	0.284145	1.34609	490.3705	1423.254	0.288116	0.505717	284.5107	70.17268	0.886851	100	1.8
1830.364	1469.364	336.2606	20.89792	0.286915	1.301265	491.0577	1418.105	0.290793	0.528366	249.5603	60.93936	0.775272	100	1.3
1830.517	1469.517	336.2658	20.74411	0.290966	1.251068	491.4653	1419.213	0.2947	0.541341	226.2641	55.65104	0.713181	100	1.1
1830.669	1469.669	336.2709	20.72072	0.295067	1.199586	491.0822	1425.034	0.298659	0.537093	226.6635	55.73707	0.715088	100	1
1830.822	1469.822	336.276	20.62476	0.297666	1.159483	490.2007	1426.802	0.301178	0.510939	259.2787	63.32732	0.816211	100	1.3

1830.974	1469.974	336.2811	20.65346	0.296581	1.175217	489.6652	1426.07	0.300156	0.509084	263.2484	64.33833	0.828114	100	1.4
1831.126	1470.126	336.2862	20.81545	0.293355	1.230139	489.8824	1429.815	0.29708	0.508408	268.4271	65.69113	0.839041	100	1.5
1831.279	1470.279	336.2914	20.97737	0.293929	1.246552	490.6584	1437.253	0.297652	0.51916	252.7993	61.72211	0.782354	100	1.3
1831.431	1470.431	336.2965	21.13999	0.294917	1.226051	491.2789	1438.711	0.298622	0.52646	241.3867	59.0184	0.74242	100	1.1
1831.584	1470.584	336.3016	21.17368	0.292992	1.232526	491.2325	1437.738	0.296796	0.538719	226.9904	55.80761	0.700938	100	1
1831.736	1470.736	336.3067	21.11553	0.291542	1.239067	490.6176	1431.298	0.295425	0.543009	222.9611	54.9452	0.691987	100	1
1831.888	1470.888	336.3118	21.14287	0.291517	1.227184	489.8535	1427.241	0.295423	0.526464	245.7961	60.04529	0.755264	100	1.2
1832.041	1471.041	336.317	21.12983	0.292122	1.20555	489.499	1422.659	0.296025	0.517795	256.9285	62.73883	0.789633	100	1.3
1832.193	1471.193	336.3221	21.12027	0.289995	1.231312	489.8527	1416.689	0.294004	0.502813	280.3916	68.98044	0.868588	100	1.6
1832.346	1471.346	336.3272	21.04287	0.289601	1.261762	490.9941	1411.764	0.293649	0.491357	296.6923	73.91316	0.934085	100	1.8
1832.498	1471.498	336.3323	20.97811	0.291841	1.265325	492.475	1407.835	0.29582	0.485745	301.4413	75.47223	0.956702	100	1.9
1832.65	1471.65	336.3374	21.06671	0.295373	1.203524	493.2036	1400.2	0.299233	0.483479	299.8584	74.94556	0.946098	100	1.8
1832.803	1471.803	336.3426	21.12068	0.296291	1.173931	492.4489	1393.564	0.300136	0.480761	302.362	75.78196	0.954259	100	1.8
1832.955	1471.955	336.3477	21.17175	0.298142	1.128157	490.7638	1394.454	0.301936	0.4898	287.4032	71.03042	0.892312	100	1.6
1833.108	1472.108	336.3528	21.15886	0.298402	1.105147	489.3074	1393.2	0.302208	0.512856	255.2113	62.31337	0.783284	100	1.2
1833.26	1472.26	336.3579	21.1381	0.297707	1.092863	488.7242	1396.676	0.301562	0.513142	255.7085	62.43617	0.785597	100	1.2
1833.412	1472.412	336.363	21.11394	0.290049	1.144555	488.8907	1402.863	0.294229	0.500829	282.8208	69.67951	0.877735	100	1.6
1833.565	1472.565	336.3682	21.00625	0.281513	1.245224	489.2666	1404.079	0.286068	0.481432	320.8499	82.62921	1.046131	100	2.3
1833.717	1472.717	336.3733	20.9043	0.277904	1.304358	489.3599	1410.851	0.282635	0.494063	308.1565	77.79211	0.98964	100	2.2
1833.87	1472.87	336.3784	21.03316	0.281958	1.287257	488.8943	1424.007	0.286537	0.482952	318.1048	81.52547	1.03088	100	2.3
1834.022	1473.022	336.3835	21.16412	0.285991	1.27857	488.146	1435.816	0.290423	0.485186	309.6596	78.33191	0.984469	100	2.1
1834.174	1473.174	336.3886	21.2965	0.284512	1.357703	488.0392	1445.365	0.289027	0.47996	318.7974	81.80066	1.021781	100	2.2
1834.327	1473.327	336.3938	21.29366	0.277442	1.521981	489.3202	1459.118	0.28228	0.472755	338.052	90.50405	1.130659	100	2.8
1834.479	1473.479	336.3989	21.43073	0.275843	1.519994	491.757	1466.501	0.280771	0.467334	347.6155	95.83851	1.189777	100	3
1834.632	1473.632	336.404	21.2918	0.276513	1.491433	494.5116	1486.965	0.281434	0.47812	331.8151	87.43196	1.0924	100	2.7
1834.784	1473.784	336.4091	21.24315	0.281648	1.448524	496.8692	1498.916	0.286369	0.490637	307.7321	77.64115	0.97227	100	2.1
1834.936	1473.936	336.4142	21.33352	0.286717	1.467167	498.3884	1511.241	0.291248	0.513224	269.8292	66.06434	0.823857	100	1.6
1835.089	1474.089	336.4194	21.42361	0.294258	1.482239	499.266	1521.696	0.298506	0.5288	238.3183	58.31628	0.724233	100	1.2
1835.241	1474.241	336.4245	21.51081	0.302354	1.473484	499.8832	1537.52	0.30631	0.529949	225.9634	55.58636	0.687584	100	1
1835.394	1474.394	336.4296	21.59552	0.304193	1.483432	500.5832	1533.231	0.308101	0.519064	238.5122	58.36035	0.719121	100	1.1
1835.546	1474.546	336.4347	21.6805	0.301994	1.523487	501.6513	1548.616	0.306006	0.505365	260.3075	63.58726	0.780517	100	1.3
1835.698	1474.698	336.4399	21.77627	0.296812	1.600323	502.8943	1552.492	0.301045	0.534686	226.6904	55.74288	0.681279	100	1
1835.851	1474.851	336.445	21.90584	0.293429	1.705199	504.0736	1545.535	0.297817	0.559505	196.8956	49.70709	0.603988	100	0.8
1836.003	1475.003	336.4501	21.89804	0.294318	1.736453	505.1577	1541.391	0.298692	0.585987	159.1433	43.03183	0.523067	100	0.6
1836.156	1475.156	336.4552	21.84216	0.297385	1.747274	506.118	1554.931	0.30166	0.581217	161.6299	43.44179	0.529383	100	0.6
1836.308	1475.308	336.4603	21.66776	0.30167	1.637362	506.786	1554.957	0.305802	0.553644	193.9647	49.15235	0.603717	100	0.8
1836.46	1475.46	336.4655	21.49133	0.305417	1.494879	506.8031	1551.272	0.309429	0.510479	248.5274	60.69238	0.751485	100	1.2
1836.613	1475.613	336.4706	21.31049	0.309122	1.362992	506.4613	1551.225	0.313019	0.503255	253.5408	61.9031	0.772888	100	1.2
1836.765	1475.765	336.4757	21.27476	0.312432	1.283268	506.4561	1552.927	0.316231	0.50372	248.4669	60.67797	0.758853	100	1.1
1836.918	1475.918	336.4808	21.32546	0.313563	1.294635	507.3434	1562.068	0.317343	0.519117	225.6848	55.52651	0.692811	100	0.8
1837.07	1476.07	336.486	21.32787	0.312995	1.329091	509.2372	1568.685	0.316817	0.503157	248.4355	60.67047	0.756917	100	1.1
1837.222	1476.222	336.4911	21.26635	0.31411	1.346098	511.2708	1582.267	0.317914	0.498885	252.8177	61.72658	0.772296	100	1.1
1837.375	1476.375	336.4962	21.20316	0.315963	1.335906	512.3963	1595.483	0.319724	0.495061	255.5975	62.40874	0.783133	100	1.1
1837.527	1476.527	336.5013	21.13715	0.315846	1.356869	512.0386	1613.982	0.319632	0.49745	252.4267	61.63142	0.775768	100	1.1
1837.68	1476.68	336.5064	21.15381	0.313655	1.425096	510.8076	1619.984	0.31754	0.494891	258.8456	63.21834	0.795135	100	1.2
1837.832	1476.832	336.5116	21.16124	0.311738	1.513145	509.6401	1633.381	0.315712	0.496273	259.4607	63.37321	0.796817	100	1.3
1837.984	1476.984	336.5167	21.01908	0.31326	1.567179	508.7268	1623.564	0.317201	0.483857	274.54	67.3413	0.852364	100	1.4
1838.137	1477.137	336.5218	20.87707	0.312673	1.562172	507.7689	1601.625	0.316656	0.4699	294.5523	73.23047	0.933136	100	1.7
1838.289	1477.289	336.5269	20.73562	0.310498	1.603922	506.5538	1590.076	0.314581	0.467676	300.4852	75.15325	0.964097	100	1.8
1838.442	1477.442	336.5321	20.73505	0.307309	1.644673	505.777	1591.8	0.31153	0.481386	285.7748	70.54537	0.905021	100	1.7
1838.594	1477.594	336.5372	20.74823	0.306004	1.654028	506.2545	1579.289	0.310294	0.497687	264.9854	64.78768	0.830645	100	1.5
1838.746	1477.746	336.5423	20.76096	0.307872	1.593482	507.7546	1596.059	0.312115	0.50976	245.8124	60.04912	0.769435	100	1.2
1838.899	1477.899	336.5474	20.75953	0.307682	1.54045	509.1625	1586.57	0.311953	0.528686	219.9182	54.30379	0.695873	100	1
1839.051	1478.051	336.5525	20.74956	0.303826	1.547204	509.4336	1583.425	0.308262	0.532671	219.513	54.21902	0.695125	100	1
1839.204	1478.204	336.5577	20.61439	0.298477	1.609673	508.5203	1581.753	0.303139	0.522493	240.6287	58.84401	0.759315	100	1.3
1839.356	1478.356	336.5628	20.46828	0.298044	1.593701	507.1209	1581.815	0.302744	0.509445	259.1788	63.30215	0.822615	100	1.5
1839.508	1478.508	336.5679	20.32061	0.301551	1.572189	506.2553	1579.423	0.306138	0.495616	273.5807	67.07831	0.877962	100	1.6
1839.661	1478.661	336.573	20.29592	0.301458	1.64242	506.4279	1589.094	0.30607	0.499673	268.0749	65.59787	0.859629	100	1.6
1839.813	1478.813	336.5781	20.14505	0.297991	1.75319	507.0959	1589.696	0.302757	0.505272	264.9197	64.77061	0.85509	100	1.6
1839.966	1478.966	336.5833	20.12693	0.296836	1.777813	507.1194	1591.782	0.301669	0.521887	243.493	59.50624	0.7863	100	1.4
1840.118	1479.118	336.5884	20.11259	0.298716	1.724304	505.9329	1589.828	0.303497	0.512933	253.3267	61.85078	0.817868	100	1.5
1840.27	1479.27	336.5935	19.97933	0.299866	1.72144	504.3335	1585.164	0.304624	0.508066	258.4882	63.12857	0.84029	100	1.6
1840.423	1479.423	336.5986	19.84552	0.298525	1.762454	503.2516	1582.201	0.303356	0.51584	249.5094	60.92716	0.816417	100	1.5
1840.575	1479.575	336.6037	19.72706	0.299423	1.728148	502.8369	1585.425	0.30424	0.519715	242.942	59.37814	0.800408	100	1.4
1840.728	1479.728	336.6089	19.58865	0.29959	1.71919	502.7682	1579.505	0.304423	0.518385	244.5248	59.74701	0.811037	100	1.5
1840.88	1479.88	336.614	19.48402	0.297982	1.772128	502.7853	1578.185	0.302898	0.503153	267.6493	65.48541	0.893684	100	1.8
1841.032	1480.032	336.6191	19.37537	0.293247	1.89803	502.7865	1581.642	0.298371	0.471848	317.0971	81.12892	1.113353	100	2.6
1841.185	1480.185	336.6242	19.2254	0.291401	1.995598	502.6987	1561.908	0.29662	0.454747	343.1133	93.22208	1.289244	100	3.3
1841.337	1480.337	336.6293	19.1568	0.291822	1.942356	502.4108	1544.404	0.297046	0.466903	325.7502	84.69207	1.175461	100	2.9
1841.49	1480.49	336.6345	19.21409	0.292963	1.861887	501.8594	1533.737	0.298163	0.488573	294.3054	73.15246	1.012303	100	2.3
1841.642	1480.642	336.6396	19.21121	0.288756	1.851893	501.216	1545.212	0.294147	0.507565	273.6374	67.09382	0.928612	100	2
1841.794	1480.794	336.6447	19.21363	0.280258	1.950874	500.6932	1558.11	0.286025	0.522346	264.448	64.64821	0.894663	100	2
1841.947	1480.947	336.6498	19.21988	0.271213	2.154321	500.2625	1556.431	0.277398	0.526684	270.3673	66.20838	0.915969	100	2.3
1842.099	1481.099	336.6549	19.09627	0.270299	2.253679	499.7873	1551.392	0.276546	0.516834	285.1356	70.3565	0.979635	100	2.5
1842.252	1481.252	336.6601	19.03031	0.273884	2.217881	499.4232	1550.918	0.279993	0.517231	279.8312	68.82077	0.961569	100	2.4
1842.404	1481.404	336.6652	19.09287	0.278273	2.168617	499.5228	1548.368	0.284211	0.52047	269.5404	65.98721	0.918984	100	2.2
1842.556	1481.556	336.6703	19.13494	0.280355	2.11704	500.2735	1545.765	0.286225	0.494148	303.0858	76.02724	1.056506	100	2.6
1842.709	1481.709	336.6754	19.17816	0.285629	2.024352	501.529	1545.986	0.291299	0.493311	297.2393	74.08959	1.027285	100	2.4
1842.861	1481.861	336.6805	19.21971	0.295572	1.821288	502.6512	1543.508	0.300861	0.465615	322.2633	83.21155	1.1513	100	2.7
1843.014	1482.014	336.6857	19.28428	0.305447	1.654719	503.259	1548.817	0.310379	0.46927	304.0834	76.36793	1.053109	100	2.2

1843.166	1482.166	336.6908	19.35029	0.307413	1.630315	503.4442	1554.932	0.312294	0.446015	333.5333	88.25058	1.212859	100	2.7
1843.318	1482.318	336.6959	19.41568	0.298413	1.761705	503.5376	1552.35	0.303655	0.482099	295.66	73.58238	1.007898	100	2.1
1843.471	1482.471	336.701	19.48112	0.286737	1.977886	503.8753	1552.954	0.292467	0.506574	277.3237	68.11344	0.929885	100	2.1
1843.623	1482.623	336.7061	19.54826	0.280358	2.123158	504.2797	1551.555	0.286378	0.528503	255.4649	62.37597	0.848664	100	1.9
1843.776	1482.776	336.7113	19.6201	0.280639	2.192534	504.5542	1546.97	0.286668	0.523939	261.3629	63.85542	0.865646	100	2
1843.928	1482.928	336.7164	19.68238	0.282106	2.223253	504.479	1544.1	0.288094	0.507529	282.04	69.45357	0.938591	100	2.2
1844.08	1483.08	336.7215	19.74442	0.285822	2.142716	504.1182	1544.336	0.291676	0.492579	297.7284	74.248	1.000267	100	2.4
1844.233	1483.233	336.7266	19.8172	0.289264	2.035137	503.6874	1536.601	0.294997	0.485573	302.8126	75.93446	1.019273	100	2.4
1844.385	1483.385	336.7317	19.89434	0.291199	1.933623	503.3614	1536.371	0.296876	0.488553	296.1081	73.72563	0.985831	100	2.2
1844.538	1483.538	336.7369	19.95591	0.290103	1.953193	503.2356	1533.581	0.295845	0.485786	301.3489	75.44131	1.0057	100	2.3
1844.69	1483.69	336.742	20.02739	0.290368	1.93937	503.2114	1527.545	0.296121	0.474515	316.5227	80.9049	1.074734	100	2.5
1844.842	1483.842	336.7471	20.10013	0.291159	1.960941	503.2285	1526.771	0.296901	0.484238	302.0285	75.66947	1.001595	100	2.3
1844.995	1483.995	336.7522	20.182	0.291572	1.984801	503.2296	1513.734	0.297319	0.484452	301.156	75.37678	0.993725	100	2.3
1845.147	1484.147	336.7573	20.25949	0.290269	2.00654	503.1735	1541.897	0.29609	0.51392	262.1855	64.0655	0.841416	100	1.8
1845.3	1484.3	336.7625	20.33506	0.290953	1.958134	503.0763	1551.249	0.296768	0.548318	213.782	53.03535	0.693997	100	1.2
1845.452	1484.452	336.7676	20.33472	0.289026	1.999737	503.0774	1545.009	0.294941	0.570493	185.702	47.6231	0.623192	100	1
1845.604	1484.604	336.7727	20.31876	0.28634	2.095046	503.4851	1544.946	0.292386	0.570411	189.3401	48.29024	0.632421	100	1.1
1845.757	1484.757	336.7778	20.3266	0.28479	2.147478	504.2293	1543.675	0.290921	0.558974	207.145	51.69961	0.676821	100	1.3
1845.909	1484.909	336.7829	20.39925	0.287417	2.105771	504.6337	1541.764	0.293461	0.554669	209.581	52.1856	0.680785	100	1.3
1846.062	1485.062	336.7881	20.48825	0.291904	2.010574	503.8918	1533.073	0.297788	0.529097	238.8986	58.44829	0.759218	100	1.5
1846.214	1485.214	336.7932	20.5007	0.296785	1.8959	501.997	1531.74	0.302497	0.501185	270.919	66.35655	0.861436	100	1.7
1846.366	1485.366	336.7983	20.52321	0.298652	1.816569	500.3088	1531.662	0.304313	0.496917	274.3029	67.27615	0.872437	100	1.7
1846.519	1485.519	336.8034	20.55368	0.297621	1.829078	500.4402	1525.534	0.303343	0.500965	270.0562	66.12505	0.856264	100	1.7
1846.671	1485.671	336.8085	20.50392	0.292581	1.924569	502.2101	1519.005	0.298523	0.517825	253.4393	61.8783	0.803204	100	1.6
1846.824	1485.824	336.8137	20.53818	0.287491	2.029579	504.2025	1518.123	0.29366	0.514188	265.1688	64.83538	0.840211	100	1.8
1846.976	1485.976	336.8188	20.55607	0.287167	2.031019	505.5502	1515.953	0.293371	0.515831	263.3008	64.35184	0.833237	100	1.8
1847.128	1486.128	336.8239	20.57526	0.288115	1.973703	506.3007	1511.566	0.294302	0.513849	264.7518	64.72699	0.837332	100	1.8
1847.281	1486.281	336.829	20.58407	0.290496	1.899985	506.9719	1513.152	0.296607	0.536334	230.5417	56.58043	0.731645	100	1.3
1847.433	1486.433	336.8341	20.74601	0.291271	1.898074	507.6145	1516.891	0.297372	0.553406	205.9269	51.45841	0.660287	100	1.1
1847.586	1486.586	336.8393	20.74838	0.29394	1.889576	507.5712	1517.215	0.299956	0.563435	188.5207	48.13913	0.617634	100	0.9
1847.738	1486.738	336.8444	20.73671	0.297194	1.820145	506.6482	1519.341	0.303103	0.565677	181.083	46.78984	0.600663	100	0.8
1847.89	1486.89	336.8495	20.68818	0.297911	1.724943	505.1949	1511.915	0.303814	0.557469	191.4296	48.67778	0.626355	100	0.9
1848.043	1487.043	336.8546	20.67204	0.294197	1.673686	503.5606	1498.476	0.300266	0.538752	222.155	54.77447	0.705356	100	1.2
1848.195	1487.195	336.8598	20.69421	0.288591	1.671686	502.0851	1497.883	0.294907	0.523133	251.1048	61.31103	0.788704	100	1.5
1848.348	1487.348	336.8649	20.63181	0.285106	1.718028	500.6223	1481.497	0.291587	0.51663	264.6605	64.70332	0.83484	100	1.7
1848.5	1487.5	336.87	20.57158	0.281072	1.721098	499.2134	1478.888	0.287744	0.485728	312.6086	79.4149	1.027635	100	2.4
1848.652	1487.652	336.8751	20.5147	0.275933	1.74545	498.1031	1471.586	0.282848	0.474924	334.2744	88.60991	1.149777	100	2.9
1848.805	1487.805	336.8802	20.46269	0.272245	1.731737	497.2563	1463.38	0.279344	0.500172	304.267	76.43094	0.994251	100	2.4
1848.957	1487.957	336.8854	20.44489	0.275403	1.666824	496.4094	1449.828	0.282384	0.531813	256.4076	62.60936	0.815165	100	1.7
1849.11	1488.11	336.8905	20.37311	0.283021	1.547743	495.3437	1438.662	0.289697	0.531517	246.7248	60.26436	0.787378	100	1.5
1849.262	1488.262	336.8956	20.29925	0.288003	1.432467	494.4238	1429.455	0.294492	0.519432	256.7846	62.70303	0.8222	100	1.5
1849.414	1488.414	336.9007	20.22203	0.289822	1.371998	493.7772	1420.658	0.296259	0.499748	281.5099	69.30086	0.912161	100	1.8
1849.567	1488.567	336.9059	20.16682	0.290972	1.294091	493.0288	1414.251	0.297384	0.500196	279.3402	68.68135	0.906469	100	1.7
1849.719	1488.719	336.911	20.1105	0.294175	1.23782	491.9312	1409.012	0.300479	0.498733	277.0869	68.04722	0.900602	100	1.7
1849.872	1488.872	336.9161	20.05564	0.295925	1.230678	490.7192	1396.093	0.302182	0.470429	313.7971	79.86074	1.059831	100	2.2
1850.024	1489.024	336.9212	20.14869	0.293534	1.26659	489.9043	1391.599	0.299907	0.461524	329.2251	86.23455	1.139196	100	2.5
1850.176	1489.176	336.9263	20.24378	0.286894	1.322351	489.6386	1391.427	0.293557	0.473861	320.9632	82.67553	1.087112	100	2.4
1850.329	1489.329	336.9315	20.17586	0.279433	1.336025	490.1003	1397.175	0.286431	0.496994	298.8741	74.62163	0.984494	100	2.2
1850.481	1489.481	336.9366	20.21197	0.275942	1.362621	491.0349	1400.373	0.283113	0.50433	293.3296	72.84561	0.959374	100	2.1
1850.634	1489.634	336.9417	20.14003	0.275192	1.44781	492.2747	1407.862	0.282417	0.503727	295.1224	73.41118	0.970255	100	2.2
1850.786	1489.786	336.9468	20.23844	0.27608	1.484404	494.0065	1426.625	0.283287	0.509422	286.0617	70.63042	0.929018	100	2
1850.938	1489.938	336.9519	20.25555	0.27635	1.511472	495.7893	1438.698	0.283567	0.51803	273.796	67.1372	0.882343	100	1.9
1851.091	1490.091	336.9571	20.25005	0.27816	1.56883	496.9845	1457.442	0.285319	0.517103	272.6568	66.82647	0.878507	100	1.9
1851.243	1490.243	336.9622	20.25197	0.281101	1.637142	497.4999	1473.829	0.288156	0.504226	286.5131	70.76459	0.930202	100	2
1851.396	1490.396	336.9673	20.15879	0.285556	1.655536	497.7298	1479.293	0.292445	0.502018	283.6413	69.91825	0.923295	100	2
1851.548	1490.548	336.9724	20.15927	0.289611	1.678763	498.0517	1491.398	0.296354	0.514922	260.4394	63.62069	0.840124	100	1.6
1851.7	1490.7	336.9775	20.16196	0.290384	1.776107	498.6371	1492.729	0.297117	0.527247	242.3774	59.24725	0.782278	100	1.5
1851.853	1490.853	336.9827	20.29367	0.288026	1.912696	499.2987	1495.704	0.294877	0.532073	238.8096	58.42802	0.766513	100	1.5
1852.005	1491.005	336.9878	20.42045	0.284363	1.98093	499.7825	1495.213	0.291386	0.52521	253.0971	61.79472	0.805709	100	1.7
1852.158	1491.158	336.9929	20.4614	0.281685	2.016544	500.1172	1491.527	0.288843	0.507844	280.5724	69.03207	0.898302	100	2.1
1852.31	1491.31	336.998	20.58093	0.280467	2.00095	500.5375	1488.845	0.287697	0.476059	326.0164	84.80778	1.097263	100	2.8
1852.462	1491.462	337.0031	20.69755	0.281692	1.98313	501.2118	1485.494	0.288892	0.455101	353.2891	99.44735	1.279523	100	3.4
1852.615	1491.615	337.0083	20.82774	0.286153	1.832764	501.8512	1480.704	0.293187	0.455429	346.9107	95.41545	1.220081	100	3.1
1852.767	1491.767	337.0134	20.80458	0.291079	1.657745	501.9286	1478.69	0.297934	0.471265	318.5061	81.68465	1.045666	100	2.3
1852.92	1491.92	337.0185	20.87914	0.293474	1.546423	500.9104	1475.303	0.300254	0.518204	250.5291	61.17215	0.780328	100	1.4
1853.072	1492.072	337.0236	20.96875	0.292649	1.519692	499.0282	1471.887	0.299483	0.508087	265.5533	64.93554	0.82485	100	1.5
1853.224	1492.224	337.0287	20.9541	0.289213	1.550661	497.4702	1476.028	0.296207	0.518626	255.5306	62.3922	0.7931	100	1.5
1853.377	1492.377	337.0339	20.90326	0.283473	1.604969	497.1886	1480.438	0.290725	0.498448	290.9411	72.10428	0.918767	100	2
1853.529	1492.529	337.039	20.81435	0.278481	1.611796	498.4282	1483.234	0.285967	0.515645	273.7752	67.1315	0.859021	100	1.8
1853.682	1492.682	337.0441	20.81551	0.277174	1.57807	500.4396	1495.807	0.284738	0.503811	291.8028	72.37016	0.926016	100	2.1
1853.834	1492.834	337.0492	20.81853	0.280446	1.523226	502.3715	1504.261	0.28789	0.493302	301.9552	75.6448	0.96779	100	2.2
1853.986	1492.986	337.0543	20.8177	0.287111	1.499789	503.6303	1509.587	0.294297	0.507197	273.9379	67.17605	0.859486	100	1.7
1854.139	1493.139	337.0595	20.80792	0.293714	1.491229	504.1395	1518.497	0.300654	0.517953	250.3221	61.12232	0.782404	100	1.4
1854.291	1493.291	337.0646	20.78489	0.299608	1.448378	504.2834	1522.958	0.306339	0.514876	246.7234	60.26403	0.772271	100	1.3
1854.444	1493.444	337.0697	20.8147	0.302821	1.393305	504.3005	1532.776	0.309451	0.496529	267.7487	65.51164	0.838341	100	1.4
1854.596	1493.596	337.0748	20.84768	0.301738	1.394633	504.3492	1530.581	0.30843	0.505917	256.2018	62.55832	0.799307	100	1.3
1854.748	1493.748	337.0799	20.88584	0.296883	1.450011	504.5663	1535.289	0.303783	0.515004	250.0741	61.06268	0.778799	100	1.3
1854.901	1493.901	337.0851	20.90291	0.292574	1.516921	505.1834	1544.394	0.299666	0.519812	249.1208	60.83412	0.775267	100	1.4
1855.053	1494.053	337.0902	20.92353	0.292048	1.518957	506.4008	1550.845	0.299182	0.512836	259.4152	63.36172	0.806703	100	1.5
1855.206	1494.206	337.0953	20.92245	0.294191	1.485032	507.9294	1560.663	0.301261	0.525596	238.9379	58.45725	0.744308	100	1.2

1855.358	1494.358	337.1004	20.77154	0.295579	1.475927	509.1246	1570.174	0.302616	0.520049	244.7223	59.79322	0.76679	100	1.3
1855.51	1494.51	337.1055	20.64496	0.297573	1.487256	509.5037	1585.378	0.304553	0.514577	249.6007	60.94906	0.786358	100	1.3
1855.663	1494.663	337.1107	20.6832	0.298608	1.523308	509.257	1602.649	0.305569	0.509326	255.4453	62.37113	0.803245	100	1.4
1855.815	1494.815	337.1158	20.58864	0.297445	1.603778	509.4264	1624.943	0.304472	0.526274	233.5709	57.24935	0.74064	100	1.2
1855.968	1494.968	337.1209	20.63045	0.293896	1.756649	510.4914	1631.105	0.301084	0.529916	233.219	57.17118	0.738156	100	1.3
1856.12	1495.12	337.126	20.56726	0.29428	1.838636	511.9058	1637.915	0.301474	0.534698	226.0832	55.61212	0.720217	100	1.3
1856.272	1495.272	337.1311	20.59184	0.299033	1.827418	512.8912	1639.007	0.306063	0.532463	222.8341	54.91827	0.7104	100	1.2
1856.425	1495.425	337.1363	20.61794	0.302992	1.854064	513.0988	1639.389	0.309892	0.537773	210.222	52.3143	0.675877	100	1
1856.577	1495.577	337.1414	20.56035	0.302341	1.918458	512.7505	1638.133	0.309286	0.520535	234.8461	57.53366	0.745377	100	1.3
1856.73	1495.73	337.1465	20.60733	0.29805	2.047824	512.3229	1626.346	0.305182	0.538586	215.6003	53.4078	0.690373	100	1.2
1856.882	1495.882	337.1516	20.64823	0.293999	2.177448	512.0383	1620.836	0.30131	0.550436	204.5898	51.19504	0.660482	100	1.2
1857.034	1496.034	337.1567	20.67919	0.291813	2.253038	511.7726	1613.977	0.299232	0.564288	188.3421	48.10626	0.619722	100	1.1
1857.187	1496.187	337.1619	20.53799	0.292521	2.22343	511.4721	1599.797	0.299933	0.555082	200.0789	50.31705	0.652616	100	1.2
1857.339	1496.339	337.167	20.40552	0.293861	2.142845	511.3747	1597.177	0.301241	0.550296	204.8783	51.25173	0.669017	100	1.2
1857.492	1496.492	337.1721	20.27253	0.295187	2.06798	511.7315	1599.021	0.302536	0.539822	217.5455	53.80942	0.706974	100	1.3
1857.644	1496.644	337.1772	20.1382	0.29738	1.948642	512.5107	1600.938	0.304664	0.536426	219.2955	54.17357	0.71647	100	1.2
1857.796	1496.796	337.1823	20.00142	0.302738	1.804402	513.2771	1604.278	0.309838	0.505137	255.3341	62.34367	0.830122	100	1.5
1857.949	1496.949	337.1875	19.85391	0.306496	1.735486	513.5799	1610.088	0.313477	0.508272	245.9867	60.09016	0.806022	100	1.4
1858.101	1497.101	337.1926	19.71183	0.305959	1.789507	513.3048	1605.989	0.312981	0.499872	258.2627	63.07202	0.852081	100	1.6
1858.254	1497.254	337.1977	19.5749	0.30365	1.853862	512.4135	1606.888	0.310779	0.508894	248.8508	60.76959	0.826689	100	1.5
1858.406	1497.406	337.2028	19.43819	0.302458	1.888616	511.1221	1615.333	0.309653	0.489969	276.5212	67.88946	0.930011	100	1.9
1858.558	1497.558	337.2079	19.43696	0.303061	1.881305	509.7989	1610.938	0.310255	0.503491	257.0311	62.76436	0.859868	100	1.6
1858.711	1497.711	337.2131	19.43166	0.300413	1.936936	508.8823	1615.017	0.307729	0.512191	248.5098	60.6882	0.831661	100	1.6
1858.863	1497.863	337.2182	19.42315	0.29959	1.912987	508.6198	1613.806	0.306959	0.528981	226.4038	55.68111	0.763386	100	1.4
1859.016	1498.016	337.2233	19.40277	0.299662	1.881238	508.7003	1606.925	0.307049	0.542319	207.872	51.84413	0.711532	100	1.2
1859.168	1498.168	337.2284	19.40356	0.303326	1.764784	508.7426	1603.167	0.310595	0.543753	201.0002	50.49506	0.692998	100	1.1
1859.32	1498.32	337.2336	19.40638	0.306343	1.769321	508.4706	1601.803	0.313521	0.539595	202.6999	50.82523	0.697437	100	1
1859.473	1498.473	337.2387	19.40364	0.306789	1.760039	507.5858	1595.543	0.313972	0.516323	234.1941	57.3881	0.787615	100	1.3
1859.625	1498.625	337.2438	19.38114	0.302402	1.804505	505.9704	1588.761	0.309769	0.500651	261.6204	63.92108	0.8783	100	1.7
1859.778	1498.778	337.2489	19.35566	0.295054	1.883779	503.9709	1585.705	0.302727	0.465553	319.774	82.19244	1.130848	100	2.6
1859.93	1498.93	337.254	19.33633	0.290325	1.986922	502.3936	1576.678	0.298207	0.456604	338.3607	90.66368	1.248655	100	3.1
1860.082	1499.082	337.2592	19.30453	0.28632	2.093878	501.7597	1572.265	0.294388	0.466631	329.795	86.49441	1.193201	100	3
1860.235	1499.235	337.2643	19.26688	0.281699	2.074027	501.8592	1564.873	0.289982	0.478556	319.4184	82.04927	1.134094	100	2.9
1860.387	1499.387	337.2694	19.23181	0.278116	2.026394	501.984	1555.876	0.286573	0.510459	280.0969	68.89642	0.954034	100	2.3
1860.54	1499.54	337.2745	19.21562	0.278889	1.977611	501.6709	1551.369	0.287334	0.529864	252.2673	61.59267	0.853622	100	1.9
1860.692	1499.692	337.2797	19.20472	0.284089	1.95684	501.0749	1543.33	0.292335	0.528569	247.1537	60.36586	0.837102	100	1.8
1860.844	1499.844	337.2848	19.23826	0.289523	1.933054	500.5266	1539.754	0.297565	0.510229	265.2443	64.85503	0.897806	100	1.9
1860.997	1499.997	337.2899	19.27392	0.289303	1.957513	500.2291	1544.806	0.297375	0.496868	283.9442	70.00672	0.967351	100	2.2
1861.149	1500.149	337.295	19.26477	0.281457	2.093683	500.0332	1537.129	0.289877	0.504825	283.3119	69.82225	0.965269	100	2.3
1861.302	1500.302	337.3001	19.23108	0.274107	2.201446	499.4914	1531.338	0.282867	0.520573	271.2542	66.44681	0.920218	100	2.3
1861.454	1500.454	337.3053	19.19722	0.271312	2.251521	498.527	1526.664	0.280217	0.53522	254.6976	62.18685	0.862744	100	2.1
1861.606	1500.606	337.3104	19.15319	0.274623	2.074365	497.6708	1521.296	0.283402	0.539869	243.8862	59.59784	0.828728	100	1.9
1861.759	1500.759	337.3155	19.19224	0.276305	2.002109	497.3543	1518.983	0.285032	0.529245	256.299	62.58242	0.868478	100	2
1861.911	1500.911	337.3206	19.14606	0.277726	1.92218	497.9269	1524.849	0.286411	0.511953	278.2571	68.37541	0.95116	100	2.2
1862.064	1501.064	337.3258	19.09743	0.28048	1.900807	499.1221	1531.775	0.289068	0.502829	287.1823	70.96428	0.989688	100	2.3
1862.216	1501.216	337.3309	19.05113	0.2807	1.923912	500.4602	1537.204	0.2893	0.494395	298.5003	74.49937	1.041517	100	2.5
1862.368	1501.368	337.336	19.01161	0.275583	2.082484	501.614	1536.435	0.284426	0.483918	319.6854	82.15672	1.15096	100	3
1862.521	1501.521	337.3411	19.00446	0.270423	2.267028	502.1772	1539.362	0.279516	0.479429	332.6566	87.83039	1.230921	100	3.5
1862.673	1501.673	337.3462	18.98956	0.271187	2.3792	502.2704	1546.564	0.280266	0.483717	325.7028	84.67147	1.187592	100	3.3
1862.826	1501.826	337.3514	18.97361	0.277336	2.323506	502.1508	1548.773	0.286166	0.501583	292.9062	72.71321	1.020734	100	2.6
1862.978	1501.978	337.3565	18.95547	0.282053	2.203563	502.0185	1552.317	0.290701	0.513322	270.4481	66.23006	0.930623	100	2.2
1863.13	1502.13	337.3616	18.94693	0.282171	2.155419	502.1181	1554.318	0.290835	0.504989	281.7625	69.37355	0.975243	100	2.3
1863.283	1502.283	337.3667	18.94983	0.279803	2.228199	502.5162	1552.196	0.28859	0.497077	295.7801	73.62071	1.034805	100	2.6
1863.435	1502.435	337.3718	18.9399	0.276843	2.379762	503.1808	1545.943	0.285779	0.49267	305.7409	76.94092	1.082052	100	2.9
1863.588	1502.588	337.377	18.94768	0.277095	2.357582	504.1061	1540.852	0.286041	0.490139	308.8728	78.04838	1.097192	100	2.9
1863.74	1502.74	337.3821	18.9416	0.277972	2.268692	504.8724	1536.508	0.286901	0.488416	310.0634	78.47829	1.103602	100	2.9
1863.892	1502.892	337.3872	18.93013	0.277594	2.214511	505.2484	1537.652	0.286561	0.493382	303.6794	76.22956	1.07264	100	2.8
1864.045	1503.045	337.3923	18.92558	0.274945	2.285339	505.3701	1547.58	0.284049	0.506452	289.1097	71.5449	1.006976	100	2.6
1864.197	1503.197	337.3974	18.93657	0.274659	2.309434	505.387	1567.949	0.283796	0.520714	269.7766	66.05029	0.929115	100	2.3
1864.35	1503.35	337.4026	18.95701	0.275349	2.299935	505.4041	1547.197	0.284477	0.526182	261.2911	63.83714	0.89703	100	2.2
1864.502	1503.502	337.4077	18.95489	0.275902	2.250718	505.4209	1553.275	0.285026	0.529031	256.6015	62.65751	0.880563	100	2.1
1864.654	1503.654	337.4128	18.95222	0.276009	2.189314	505.4221	1553.904	0.28515	0.536902	245.5685	59.99176	0.843229	100	2
1864.807	1503.807	337.4179	18.95928	0.278722	2.117717	505.3501	1549.893	0.287766	0.559927	210.1832	52.30651	0.734944	100	1.5
1864.959	1503.959	337.423	18.96828	0.281667	2.0886	505.1097	1551.235	0.290607	0.537981	236.549	57.91593	0.813386	100	1.8
1865.112	1504.112	337.4282	19.05994	0.284283	2.075376	504.5457	1550.827	0.293134	0.522179	254.8689	62.229	0.869784	100	1.9
1865.264	1504.264	337.4333	19.05345	0.283128	2.080175	503.6099	1552.745	0.292048	0.516195	264.6252	64.69415	0.904558	100	2.1
1865.416	1504.416	337.4384	19.1083	0.278004	2.170642	502.3089	1549.622	0.287164	0.523103	261.8311	63.97488	0.891956	100	2.1
1865.569	1504.569	337.4435	19.16473	0.271111	2.30483	500.9826	1548.857	0.280596	0.534064	255.7689	62.45112	0.86817	100	2.1
1865.721	1504.721	337.4486	19.25047	0.266775	2.41193	500.0849	1550.303	0.276478	0.530731	266.0513	65.0656	0.900518	100	2.3
1865.874	1504.874	337.4538	19.2245	0.268234	2.314028	499.7716	1542.672	0.277891	0.528635	266.9947	65.31296	0.905168	100	2.3
1866.026	1505.026	337.4589	19.39678	0.270759	2.157084	499.9345	1533.215	0.280323	0.533957	256.2932	62.58098	0.859653	100	2.1
1866.178	1505.178	337.464	19.29208	0.271282	2.116495	500.1389	1527.058	0.280844	0.530111	260.8828	63.73325	0.880218	100	2.1
1866.331	1505.331	337.4691	19.29817	0.268971	2.20788	500.1812	1525.994	0.278658	0.519419	278.6532	68.48704	0.945588	100	2.4
1866.483	1505.483	337.4742	19.2819	0.267068	2.299511	500.2013	1523.03	0.276863	0.505232	300.7089	75.22765	1.039539	100	2.8
1866.636	1505.636	337.4794	19.32071	0.266811	2.286863	500.4534	1512.588	0.276639	0.504055	302.642	75.87666	1.046426	100	2.9
1866.788	1505.788	337.4845	19.36053	0.267893	2.202176	500.7529	1503.352	0.277692	0.487953	323.4098	83.69129	1.151852	100	3.2
1866.94	1505.94	337.4896	19.36817	0.269973	2.118723	500.4427	1489.645	0.279699	0.493129	313.4969	79.74761	1.097158	100	2.9
1867.093	1506.093	337.4947	19.29856	0.271539	2.08181	499.1609	1482.698	0.281216	0.489301	316.6867	80.9687	1.117968	100	3
1867.245	1506.245	337.4998	19.32101	0.272388	2.049161	497.2882	1483.664	0.282048	0.507034	291.0664	72.14284	0.994967	100	2.5
1867.398	1506.398	337.505	19.32937	0.27288	2.021425	495.8127	1478.362	0.282539	0.503733	294.9445	73.35471	1.011258	100	2.6

1867.55	1506.55	337.5101	19.3617	0.275018	1.923142	495.204	1468.373	0.284604	0.486765	315.5113	80.51383	1.108123	100	2.8
1867.702	1506.702	337.5152	19.3692	0.275642	1.876894	494.4335	1450.629	0.285222	0.467459	341.3015	92.22367	1.268815	100	3.4
1867.855	1506.855	337.5203	19.39753	0.273007	1.86461	491.1539	1419.305	0.282724	0.466244	346.4246	95.12662	1.306869	100	3.6
1868.007	1507.007	337.5254	19.47216	0.268187	1.89943	483.9622	1404.96	0.278141	0.459266	362.3785	106.1181	1.452335	100	4.2
1868.16	1507.16	337.5306	19.48594	0.265105	1.926026	475.1668	1392.605	0.275223	0.459952	365.4593	108.6793	1.486361	100	4.4
1868.312	1507.312	337.5357	19.5062	0.263374	1.867423	469.7088	1382.708	0.273593	0.468081	356.4895	101.6593	1.388933	100	4.1
1868.464	1507.464	337.5408	19.5187	0.262113	1.686556	470.3863	1381.093	0.272412	0.457675	372.481	115.215	1.573157	100	4.7
1868.617	1507.617	337.5459	19.55236	0.260529	1.421073	475.6399	1384.341	0.270923	0.432457	409.3346	177.728	2.422595	100	8
1868.769	1507.769	337.551	19.59535	0.260196	1.250563	481.7095	1385.412	0.270628	0.458343	374.0208	116.7955	1.588578	100	4.7
1868.922	1507.922	337.5562	19.61626	0.259964	1.398853	486.1122	1395.696	0.270428	0.504691	310.3355	78.57728	1.06764	100	2.8
1869.074	1508.074	337.5613	19.65248	0.259359	1.708151	488.7903	1418.798	0.269873	0.490148	331.1709	87.13013	1.181695	100	3.3
1869.226	1508.226	337.5664	19.69113	0.258677	1.94999	490.5825	1439.054	0.269244	0.46976	360.1735	104.3852	1.412973	100	4.3
1869.379	1508.379	337.5715	19.70632	0.257146	2.115653	492.0538	1455.461	0.267808	0.474133	356.1214	101.3978	1.371502	100	4.2
1869.531	1508.531	337.5766	19.80858	0.257659	2.106906	493.4617	1466.086	0.268317	0.498912	321.2233	82.78211	1.113981	100	3.2
1869.684	1508.684	337.5818	19.90785	0.263758	1.994326	495.3364	1479.674	0.274149	0.483625	334.2727	88.6091	1.186507	100	3.3
1869.836	1508.836	337.5869	20.00448	0.27281	1.8083	498.2527	1545.858	0.28281	0.508303	288.2643	71.28923	0.950024	100	2.3
1869.988	1508.988	337.592	20.16224	0.281766	1.696835	501.7407	1602.136	0.291398	0.515223	266.863	65.27836	0.863182	100	1.8
1870.141	1509.141	337.5971	20.32089	0.28542	1.710095	505.0571	1586.597	0.29492	0.536249	232.9872	57.11974	0.749466	100	1.4
1870.293	1509.293	337.6022	20.47924	0.286626	1.74075	507.9607	1565.743	0.296097	0.533026	235.8108	57.74987	0.751941	100	1.4
1870.446	1509.446	337.6074	20.55534	0.286744	1.780642	510.3848	1619.381	0.296231	0.53336	235.1652	57.60509	0.747317	100	1.4
1870.598	1509.598	337.6125	20.73025	0.288401	1.779574	512.2119	1244.433	0.297841	0.536483	228.6329	56.16354	0.722543	100	1.3
1870.75	1509.75	337.6176	20.70103	0.289493	1.878566	513.5786		0.29891	0.549559	209.1128	52.0918	0.671103	100	1.1
1870.903	1509.903	337.6227	20.66873	0.28913	2.023372	514.7672	1667.42	0.298582	0.552834	205.0456	51.28466	0.661734	100	1.2
1871.055	1510.055	337.6278	20.59731	0.287565	2.301243	515.6097	1669.035	0.297103	0.539845	225.0123	55.38234	0.717067	100	1.4
1871.208	1510.208	337.633	20.62271	0.286793	2.512849	515.7474	1669.409	0.296383	0.556128	203.5348	50.98825	0.659378	100	1.3
1871.36	1510.36	337.6381	20.43484	0.287904	2.610222	514.7227	1652.767	0.297469	0.554815	203.8478	51.0495	0.666185	100	1.3
1871.512	1510.512	337.6432	20.47685	0.289321	2.599828	512.2563	1629.534	0.29885	0.526097	241.5738	59.06154	0.769184	100	1.7
1871.665	1510.665	337.6483	20.4056	0.290068	2.515148	508.4784	1611.508	0.299587	0.517222	252.804	61.72325	0.806638	100	1.8
1871.817	1510.817	337.6535	20.43109	0.290442	2.371656	504.4621	1593.161	0.299967	0.504546	269.7721	66.04907	0.862115	100	1.9
1871.97	1510.97	337.6586	20.39623	0.290334	2.154489	501.5797	1566.178	0.299885	0.514378	256.3182	62.58717	0.818321	100	1.7
1872.122	1511.122	337.6637	20.3623	0.289257	1.957892	499.9388	1547.225	0.298872	0.472378	315.6743	80.57656	1.055281	100	2.5
1872.274	1511.274	337.6688	20.37357	0.287698	1.803877	498.5998	1536.578	0.297399	0.429145	377.3701	120.4416	1.576534	100	4.3
1872.427	1511.427	337.6739	20.37786	0.285956	1.724107	496.6859	1543.507	0.29575	0.427725	381.6059	125.5053	1.642494	100	4.5
1872.579	1511.579	337.6791	20.37283	0.28545	1.742296	494.3211	1519.073	0.295285	0.442132	362.364	106.1064	1.388977	100	3.6
1872.732	1511.732	337.6842	20.45568	0.28607	1.801785	492.1247	1497.102	0.2959	0.437529	367.8674	110.8048	1.44468	100	3.8
1872.884	1511.884	337.6893	20.51062	0.28838	1.716619	490.4489	1485.082	0.298137	0.432409	371.8468	114.5805	1.489964	100	3.9
1873.036	1512.036	337.6944	20.58911	0.290402	1.595436	489.4878	1506.631	0.300098	0.437004	362.7999	106.4586	1.379144	100	3.5
1873.189	1512.189	337.6996	20.64301	0.287513	1.566568	489.5714	1520.947	0.297347	0.454906	341.8918	92.54576	1.195824	100	2.9
1873.341	1512.341	337.7047	20.64905	0.281945	1.637977	491.7285	1536.03	0.292033	0.464128	336.4982	89.71197	1.158886	100	2.9
1873.494	1512.494	337.7098	20.64091	0.275745	1.721832	496.6838	1547.247	0.286121	0.467822	339.5596	91.29096	1.179758	100	3.1
1873.646	1512.646	337.7149	20.82714	0.272908	1.776135	503.4742	1561.704	0.28343	0.477287	330.211	86.68533	1.110346	100	2.9
1873.798	1512.798	337.72	21.01628	0.273991	1.782143	510.1189	1609.83	0.284486	0.491306	309.408	78.241	0.993282	100	2.4
1873.951	1512.951	337.7252	21.03441	0.280705	1.825868	515.1501	1610.689	0.29093	0.501369	286.6286	70.79899	0.898051	100	2
1874.103	1513.103	337.7303	21.09752	0.28872	1.99394	517.9394	1676.207	0.298631	0.493845	286.3828	70.72583	0.894483	100	2
1874.256	1513.256	337.7354	21.09502	0.292682	2.120273	518.9376	1714.799	0.302454	0.4645	321.6039	82.93866	1.049077	100	2.5
1874.408	1513.408	337.7405	21.07812	0.291921	2.22314	518.9482	1720.739	0.301745	0.442591	352.8167	99.13222	1.254914	100	3.2
1874.56	1513.56	337.7456	21.0443	0.28937	2.355348	518.3141	1707.086	0.299318	0.437176	363.6395	107.146	1.358529	100	3.7
1874.713	1513.713	337.7508	21.12086	0.288411	2.513093	517.1432	1712.665	0.298419	0.429888	374.9366	117.7633	1.487822	100	4.2
1874.865	1513.865	337.7559	20.995	0.287998	2.617511	515.7089	1700.752	0.298044	0.420413	388.5303	135.0646	1.71653	100	5
1875.018	1514.018	337.761	20.96596	0.287973	2.614789	514.1984	1672.902	0.298041	0.448566	349.6829	97.11049	1.235877	100	3.3
1875.17	1514.17	337.7661	20.93845	0.288652	2.602499	512.3417	1659.34	0.298712	0.478326	307.6877	77.62538	0.989194	100	2.5
1875.322	1514.322	337.7712	20.84712	0.289194	2.657758	509.5418	1619.37	0.299254	0.521781	246.9718	60.32279	0.772042	100	1.7
1875.475	1514.475	337.7764	20.75597	0.287119	2.734033	504.9857	1567.512	0.297285	0.541532	222.433	54.83327	0.70484	100	1.5
1875.627	1514.627	337.7815	20.66444	0.281769	2.754901	497.7175	1535.6	0.292179	0.536989	235.7471	57.73555	0.745407	100	1.7
1875.78	1514.78	337.7866	20.50475	0.274827	2.828313	487.6613	1481.339	0.285558	0.531083	253.0346	61.77947	0.803774	100	2
1875.932	1514.932	337.7917	20.35122	0.270701	2.779492	476.8843	1448.714	0.281636	0.528113	262.5456	64.15774	0.840963	100	2.2
1876.084	1515.084	337.7968	20.34674	0.267696	2.428118	469.124	1418.35	0.278789	0.486171	324.3555	84.09214	1.102512	100	3.1
1876.237	1515.237	337.802	20.34777	0.263475	1.894033	467.0449	1384.464	0.274784	0.448458	381.9269	125.9115	1.650733	100	5.1
1876.389	1515.389	337.8071	20.35144	0.258245	1.515857	470.1454	1369.048	0.269822	0.445436	392.9441	142.1459	1.86326	100	5.9
1876.542	1515.542	337.8122	20.37906	0.257902	1.285824	475.6626	1372.261	0.269516	0.4647	366.7814	109.8321	1.437773	100	4.2
1876.694	1515.694	337.8173	20.40196	0.264333	1.23586	481.0938	1370.932	0.275665	0.475955	342.7652	93.02799	1.216457	100	3.2
1876.846	1515.846	337.8224	20.41952	0.270961	1.295796	485.7187	1383.876	0.282011	0.483897	323.0478	83.5391	1.091461	100	2.6
1876.999	1515.999	337.8276	20.43288	0.271644	1.426062	489.6544	1405.992	0.282684	0.504638	293.4954	72.89757	0.951821	100	2.2
1877.151	1516.151	337.8327	20.44245	0.26836	1.529446	493.3772	1427.697	0.279569	0.524544	270.3238	66.19672	0.863939	100	1.9
1877.304	1516.304	337.8378	20.45012	0.266345	1.6419	497.2051	1473.083	0.277667	0.538029	254.3386	62.0986	0.810163	100	1.8
1877.456	1516.456	337.8429	20.45692	0.269217	1.846248	500.9851	1540.815	0.28043	0.551266	232.2599	56.95874	0.742871	100	1.6
1877.608	1516.608	337.848	20.46376	0.27408	1.992897	504.4731	1570.404	0.285096	0.558087	216.4066	53.57388	0.698502	100	1.4
1877.761	1516.761	337.8532	20.47012	0.280189	2.103144	507.3224	1590.132	0.290961	0.546676	224.0616	55.17926	0.71922	100	1.5
1877.913	1516.913	337.8583	20.47598	0.284804	2.15093	509.7529	1634.118	0.295402	0.540877	225.9355	55.58037	0.724252	100	1.4
1878.066	1517.066	337.8634	20.41105	0.28727	2.200223	512.3644	1672.174	0.297786	0.545279	216.5696	53.60752	0.700754	100	1.4
1878.218	1517.218	337.8685	20.34911	0.289639	2.243677	515.0297	1706.347	0.30008	0.54127	218.9363	54.0986	0.709314	100	1.4
1878.37	1517.37	337.8736	20.29039	0.294092	2.222667	517.0983	1704.662	0.304375	0.529275	229.5642	56.36651	0.741179	100	1.4
1878.523	1517.523	337.8788	20.23049	0.298284	2.289832	517.7216	1723.992	0.308423	0.519318	237.7174	58.17995	0.767279	100	1.5
1878.675	1517.675	337.8839	20.16651	0.299325	2.350349	516.7318	1719.527	0.309445	0.531231	219.8675	54.29319	0.718281	100	1.4
1878.828	1517.828	337.889	20.17765	0.298261	2.435682	515.1451	1707.885	0.308443	0.524757	230.1836	56.50195	0.747102	100	1.5
1878.98	1517.98	337.8941	19.99696	0.297838	2.380197	514.0726	1692.23	0.308058	0.51929	238.2595	58.30292	0.777835	100	1.6
1879.132	1518.132	337.8992	19.81555	0.299187	2.151221	513.8102	1693.188	0.309375	0.524424	229.3567	56.32121	0.758235	100	1.4
1879.285	1518.285	337.9044	19.77298	0.301406	1.885069	513.9477	1687.561	0.31153	0.54425	199.0239	50.11402	0.67612	100	1.1
1879.437	1518.437	337.9095	19.68672	0.304203	1.706531	513.8692	1678.82	0.314243	0.561569	171.3805	45.08813	0.610969	100	0.8
1879.59	1518.59	337.9146	19.68294	0.303805	1.729576	513.2607	1673.852	0.313881	0.548275	190.2244	48.45386	0.65671	100	0.9

1879.742	1518.742	337.9197	19.69166	0.298944	1.843495	512.4456	1680.756	0.309225	0.510703	248.4992	60.68567	0.822139	100	1.5
1879.894	1518.894	337.9248	19.71665	0.294314	1.912128	512.183	1680.104	0.304798	0.480993	295.6077	73.56569	0.995389	100	2.2
1880.047	1519.047	337.93	19.63977	0.292441	1.90225	513.0573	1698.839	0.303021	0.472878	309.2603	78.18775	1.062057	100	2.4
1880.199	1519.199	337.9351	19.64984	0.292049	1.931758	514.9699	1689.951	0.302665	0.485899	291.7825	72.36388	0.98246	100	2.2
1880.352	1519.352	337.9402	19.56921	0.291528	2.063542	517.2733	1678.281	0.302186	0.496356	278.0116	68.30636	0.931183	100	2.1
1880.504	1519.504	337.9453	19.48868	0.291699	2.16959	518.8813	1680.311	0.302371	0.493656	281.4829	69.29308	0.948528	100	2.2
1880.656	1519.656	337.9504	19.41948	0.29423	2.180865	519.4031	1709.282	0.304822	0.484185	291.1705	72.17488	0.99149	100	2.3
1880.809	1519.809	337.9556	19.42165	0.29715	2.215465	519.2644	1707.104	0.307648	0.495742	271.3215	66.46496	0.912961	100	2
1880.961	1519.961	337.9607	19.34518	0.300394	2.188802	518.9509	1712.56	0.310787	0.514702	240.8245	58.889	0.81209	100	1.6
1881.114	1520.114	337.9658	19.44055	0.298903	2.295599	518.6472	1710.787	0.309376	0.526652	226.2815	55.65478	0.763753	100	1.5
1881.266	1520.266	337.9709	19.60654	0.29434	2.406867	518.175	1726.423	0.305012	0.51802	244.2161	59.67485	0.812036	100	1.7
1881.418	1520.418	337.976	19.62521	0.286868	2.584125	517.4551	1723.335	0.297862	0.499058	280.2501	68.94008	0.937238	100	2.3
1881.571	1520.571	337.9812	19.62834	0.282935	2.629188	516.7766	1723.922	0.294114	0.500966	282.7893	69.67038	0.947029	100	2.4
1881.723	1520.723	337.9863	19.69205	0.280176	2.654433	516.425	1724.45	0.291493	0.526253	251.5112	61.40931	0.832062	100	2
1881.876	1520.876	337.9914	19.75472	0.279052	2.623313	516.4261	1725.805	0.290439	0.545614	226.2478	55.64754	0.751626	100	1.7
1882.028	1521.028	337.9965	19.81556	0.278372	2.638897	516.6716	1716.233	0.289808	0.564295	201.3376	50.56042	0.68084	100	1.5
1882.18	1521.18	338.0016	19.87405	0.277687	2.651665	516.7045	1694.998	0.289174	0.574146	188.6188	48.1572	0.646592	100	1.4
1882.333	1521.333	338.0068	19.89792	0.277465	2.778104	516.1655	1677.874	0.288983	0.578871	182.3618	47.019	0.630565	100	1.3
1882.485	1521.485	338.0119	19.92573	0.278234	2.779626	514.8867	1657.406	0.289739	0.552259	218.0433	53.91273	0.722023	100	1.7
1882.638	1521.638	338.017	19.95856	0.278747	2.64942	512.9442	1621.058	0.290251	0.515034	268.7067	65.76531	0.879331	100	2.2
1882.79	1521.79	338.0221	19.98911	0.276519	2.530583	510.1189	1602.269	0.288141	0.510098	278.43	68.42411	0.913505	100	2.3
1882.942	1521.942	338.0273	20.01281	0.274576	2.467608	506.1979	1570.284	0.286303	0.525485	259.7326	63.44182	0.846003	100	2.1
1883.095	1522.095	338.0324	20.01289	0.274318	2.452919	501.6006	1542.61	0.286078	0.532757	250.0078	61.04676	0.814072	100	2
1883.247	1522.247	338.0375	20.00954	0.274665	2.348473	496.0981	1510.151	0.286431	0.517518	270.5516	66.25784	0.88372	100	2.2
1883.4	1522.4	338.0426	20.07768	0.271823	2.28687	488.4427	1454.897	0.283735	0.514146	278.9239	68.56352	0.911404	100	2.3
1883.552	1522.552	338.0477	20.223	0.267142	2.162982	477.6527	1419.758	0.279288	0.499691	305.0093	76.6869	1.012133	100	2.7
1883.704	1522.704	338.0529	20.28605	0.266129	1.945262	466.3611	1378.941	0.278342	0.482572	329.9383	86.56004	1.138935	100	3.1
1883.857	1522.857	338.058	20.43659	0.265026	1.795615	459.6456	1330.63	0.277311	0.449095	377.5603	120.6577	1.576013	100	4.7
1884.009	1523.009	338.0631	20.59299	0.263548	1.59715	459.907	1321.789	0.275922	0.455464	370.6879	113.445	1.470675	100	4.3
1884.162	1523.162	338.0682	20.67022	0.261864	1.359556	465.151	1313.334	0.274338	0.487834	328.2035	85.7737	1.107852	100	2.9
1884.314	1523.314	338.0734	20.83716	0.26559	1.167615	470.9286	1309.765	0.277911	0.52693	269.3198	65.9284	0.844791	100	1.8
1884.466	1523.466	338.0785	21.007	0.270816	1.12513	474.3974	1308.213	0.28292	0.516059	277.408	68.13704	0.866123	100	1.8
1884.619	1523.619	338.0836	21.09372	0.274466	1.127811	475.6496	1305.886	0.286429	0.493272	304.0134	76.34393	0.966515	100	2.1
1884.771	1523.771	338.0887	21.18149	0.272537	1.149293	475.7426	1308.288	0.284606	0.479199	325.9491	84.77847	1.068916	100	2.5
1884.924	1523.924	338.0938	21.24546	0.27194	1.14287	475.1784	1319.296	0.284057	0.452993	362.8722	106.5173	1.33903	100	3.5
1885.076	1524.076	338.099	21.39089	0.27145	1.149545	474.1282	1326.746	0.283609	0.448215	370.083	112.8644	1.409316	100	3.8
1885.228	1524.228	338.1041	21.53856	0.272119	1.133346	473.1003	1329.925	0.28427	0.451149	365.1226	108.391	1.34432	100	3.5
1885.381	1524.381	338.1092	21.6277	0.268291	1.1792	473.187	1331.045	0.280634	0.444325	379.5559	122.9876	1.519175	100	4.3
1885.533	1524.533	338.1143	21.71958	0.261684	1.23327	474.5313	1330.577	0.274354	0.454231	374.5524	117.3547	1.44357	100	4.1
1885.686	1524.686	338.1194	21.81393	0.253605	1.333946	476.1615	1331.25	0.266685	0.476535	354.3565	100.17	1.226946	100	3.5
1885.838	1524.838	338.1246	21.90895	0.250816	1.357018	477.5406	1332.173	0.264055	0.491015	338.0042	90.47943	1.103531	100	3.1
1885.99	1524.99	338.1297	21.99192	0.253074	1.345226	478.2149	1330.968	0.266222	0.493047	332.2091	87.61791	1.064674	100	2.9
1886.143	1525.143	338.1348	21.99436	0.26008	1.261117	477.9936	1327.554	0.27291	0.498481	315.4811	80.50221	0.978114	100	2.4
1886.295	1525.295	338.1399	22.08622	0.266984	1.166886	476.9466	1326.199	0.279512	0.479482	332.5877	87.79761	1.062401	100	2.6
1886.448	1525.448	338.1451	22.05558	0.271647	1.11199	475.3313	1321.762	0.283986	0.46697	343.6809	93.54104	1.13346	100	2.7
1886.6	1525.6	338.1502	21.94188	0.272601	1.095816	473.4427	1317.876	0.284917	0.46818	340.7256	91.91243	1.119418	100	2.7
1886.752	1525.752	338.1553	21.99314	0.268828	1.119334	471.8559	1316.144	0.281335	0.485431	321.8624	83.04538	1.009116	100	2.3
1886.905	1525.905	338.1604	22.06304	0.266967	1.126057	471.5075	1315.464	0.27958	0.495496	310.3961	78.59935	0.952124	100	2.1
1887.057	1526.057	338.1655	22.06549	0.264354	1.143101	472.5659	1313.986	0.277108	0.481133	333.6277	88.29614	1.069484	100	2.6
1887.21	1526.21	338.1707	22.06795	0.261364	1.165964	474.3041	1314.482	0.274279	0.44694	384.7178	129.5882	1.569479	100	4.6
1887.362	1526.362	338.1758	22.11007	0.256081	1.188218	475.7626	1314.459	0.26927	0.449245	388.4499	134.9432	1.631291	100	5
1887.514	1526.514	338.1809	22.11252	0.252359	1.237083	476.6402	1318.828	0.265751	0.456527	383.2561	127.6296	1.542729	100	4.7
1887.667	1526.667	338.186	22.15402	0.25423	1.304542	477.1016	1328.618	0.267551	0.496712	325.3178	84.50491	1.019587	100	2.7
1887.819	1526.819	338.1911	22.19616	0.257912	1.377838	477.0327	1332.712	0.271075	0.50692	306.3677	77.15991	0.929239	100	2.3
1887.972	1526.972	338.1963	22.23758	0.261686	1.413653	476.8877	1336.913	0.27469	0.507196	300.9964	75.32346	0.905472	100	2.2
1888.124	1527.124	338.2014	22.28361	0.263405	1.386395	477.3999	1341.695	0.27635	0.505388	301.2028	75.39242	0.904471	100	2.1
1888.276	1527.276	338.2065	22.33782	0.259033	1.42556	478.8045	1344.35	0.272205	0.495554	320.4931	82.48377	0.987196	100	2.5
1888.429	1527.429	338.2116	22.46262	0.252134	1.507754	480.8093	1345.443	0.265662	0.481704	348.6352	96.46001	1.14818	100	3.3
1888.581	1527.581	338.2167	22.59203	0.245208	1.593502	482.5696	1345.569	0.259106	0.491653	343.9523	93.69464	1.109002	100	3.3
1888.734	1527.734	338.2219	22.63763	0.248669	1.519868	483.6885	1349.547	0.262412	0.494113	335.9963	89.46006	1.056798	100	3
1888.886	1527.886	338.227	22.5509	0.258654	1.400978	484.0135	1351.423	0.271928	0.506659	305.5499	76.87444	0.911563	100	2.2
1889.038	1528.038	338.2321	22.59469	0.268995	1.333016	483.5858	1352.715	0.281807	0.490107	314.7585	80.22555	0.9495	100	2.2
1889.191	1528.191	338.2372	22.50218	0.270535	1.338561	482.9039	1353.995	0.283299	0.507611	288.5448	71.37386	0.848157	100	1.8
1889.343	1528.343	338.2423	22.40962	0.267173	1.381417	482.3077	1354.834	0.28011	0.498654	305.3053	76.78946	0.916225	100	2.1
1889.496	1528.496	338.2475	22.44705	0.265718	1.367146	481.969	1355.492	0.278743	0.499513	306.0067	77.03362	0.917644	100	2.1
1889.648	1528.648	338.2526	22.39425	0.267943	1.263631	482.3669	1353.73	0.280886	0.457659	360.8068	104.8748	1.252203	100	3.3
1889.8	1528.8	338.2577	22.34342	0.271124	1.163378	483.4033	1350.75	0.283945	0.459925	353.4601	99.56211	1.191441	100	3
1889.953	1528.953	338.2628	22.28621	0.272867	1.125909	484.5187	1354.631	0.285631	0.460519	350.3133	97.50785	1.169816	100	2.9
1890.105	1529.105	338.2679	22.22727	0.275097	1.146926	485.015	1354.975	0.287783	0.467501	337.7085	90.32733	1.086508	100	2.5
1890.258	1529.258	338.2731	22.16782	0.276045	1.190351	484.5461	1356.312	0.28871	0.46541	339.3134	91.16119	1.099444	100	2.6
1890.41	1529.41	338.2782	22.02358	0.27425	1.213399	483.7596	1356.042	0.287015	0.472826	331.4191	87.24613	1.059019	100	2.5
1890.562	1529.562	338.2833	21.8782	0.27262	1.216579	483.3096	1358.833	0.285479	0.485931	315.4543	80.49192	0.983438	100	2.2
1890.715	1529.715	338.2884	21.81909	0.272822	1.178842	483.4979	1360.384	0.285692	0.487877	312.4753	79.36523	0.972271	100	2.2
1890.867	1529.867	338.2935	21.79397	0.27516	1.13919	484.2547	1360.558	0.287948	0.492501	302.9808	75.99155	0.932009	100	2
1891.02	1530.02	338.2987	21.80533	0.276296	1.12353	485.2212	1365.803	0.289055	0.454093	354.4556	100.2378	1.228764	100	3
1891.172	1530.172	338.3038	21.81438	0.276564	1.152385	485.7143	1366.726	0.289332	0.43714	377.4688	120.5536	1.477219	100	3.9
1891.324	1530.324	338.3089	21.92733	0.275512	1.19846	485.401	1370.383	0.288347	0.447649	364.3255	107.7169	1.313242	100	3.4
1891.477	1530.477	338.314	22.04157	0.275439	1.216281	484.4936	1378.869	0.288297	0.465895	339.2145	91.10918	1.105113	100	2.6
1891.629	1530.629	338.3191	22.0596	0.273627	1.2535	483.8022	1385.456	0.286586	0.468636	337.7927	90.37056	1.095285	100	2.6
1891.782	1530.782	338.3243	22.07684	0.270563	1.277752	483.9556	1392.782	0.28368	0.471367	338.0358	90.49573	1.095972	100	2.7

1891.934	1530.934	338.3294	22.00954	0.266975	1.343009	484.9792	1398.672	0.280275	0.47517	337.4856	90.21316	1.09585	100	2.8
1892.086	1531.086	338.3345	21.95095	0.267216	1.357171	486.4918	1404.644	0.280526	0.46456	351.7809	98.45095	1.199074	100	3.2
1892.239	1531.239	338.3396	21.9841	0.269257	1.362206	487.9218	1408.301	0.282496	0.447779	372.2215	114.9541	1.398011	100	3.9
1892.391	1531.391	338.3447	22.02008	0.269782	1.347201	488.6943	1415.574	0.283017	0.446802	372.8495	115.588	1.403475	100	3.9
1892.544	1531.544	338.3499	22.00562	0.26819	1.377584	488.5621	1423.791	0.281519	0.465931	348.52	96.38921	1.171134	100	3
1892.696	1531.696	338.355	21.92562	0.266614	1.423042	487.8199	1425.103	0.280035	0.491729	314.9651	80.30443	0.979219	100	2.4
1892.848	1531.848	338.3601	21.8844	0.266046	1.460591	487.0556	1428.386	0.279514	0.492824	314.1727	80.00283	0.977363	100	2.4
1893.001	1532.001	338.3652	21.98502	0.265041	1.495838	486.5229	1437.234	0.278576	0.486101	324.7452	84.25871	1.024728	100	2.6
1893.153	1532.153	338.3703	21.9081	0.265076	1.512568	485.9236	1433.492	0.27863	0.479282	334.0806	88.51559	1.080233	100	2.8
1893.306	1532.306	338.3755	21.82196	0.265496	1.53209	485.1848	1436.715	0.279052	0.484644	326.0998	84.84409	1.039465	100	2.6
1893.458	1532.458	338.3806	21.73351	0.265497	1.599841	484.8714	1443.625	0.279073	0.493915	313.276	79.66457	0.979934	100	2.4
1893.61	1532.61	338.3857	21.85032	0.262949	1.663569	485.6376	1442.187	0.276665	0.500978	306.8528	77.33028	0.946221	100	2.4
1893.763	1532.763	338.3908	21.77476	0.260835	1.673741	487.2867	1448.834	0.274671	0.50299	306.8273	77.3213	0.949357	100	2.4
1893.915	1532.915	338.3959	21.76074	0.263488	1.566799	488.7549	1453.569	0.27722	0.495092	314.2101	80.017	0.98309	100	2.5
1894.068	1533.068	338.4011	21.75016	0.267878	1.465843	489.4544	1467.242	0.281429	0.48866	317.2783	81.1999	0.998113	100	2.4
1894.22	1533.22	338.4062	21.66239	0.26903	1.467008	489.6619	1482.322	0.28255	0.485475	320.1269	82.33509	1.016121	100	2.5
1894.372	1533.372	338.4113	21.53546	0.268269	1.521932	489.6248	1482.466	0.281844	0.504329	295.0813	73.39812	0.911103	100	2.1
1894.525	1533.525	338.4164	21.44829	0.27146	1.518855	489.3017	1488.086	0.284911	0.528322	257.7389	62.94092	0.784439	100	1.6
1894.677	1533.677	338.4215	21.35946	0.278996	1.47052	488.3278	1484.815	0.292137	0.515342	265.6793	64.9684	0.813041	100	1.6
1894.83	1533.83	338.4267	21.29207	0.284595	1.427324	486.3884	1481.131	0.29752	0.489026	294.5675	73.23527	0.919371	100	1.9
1894.982	1533.982	338.4318	21.21872	0.287672	1.435041	483.7123	1480.525	0.30049	0.494182	283.3522	69.83398	0.879676	100	1.7
1895.134	1534.134	338.4369	21.18568	0.291208	1.396101	480.6298	1467.098	0.303903	0.52047	242.3648	59.24434	0.74744	100	1.2
1895.287	1534.287	338.442	21.24477	0.295771	1.312276	477.2866	1447.932	0.308305	0.517987	239.7165	58.63497	0.737729	100	1.1
1895.439	1534.439	338.4472	21.30582	0.295012	1.250984	473.8134	1436.807	0.307597	0.490657	278.4087	68.41808	0.858391	100	1.5
1895.592	1534.592	338.4523	21.40073	0.286263	1.318697	470.7118	1423.591	0.299222	0.445203	352.6939	99.05075	1.23729	100	3
1895.744	1534.744	338.4574	21.42066	0.274321	1.394314	468.6263	1413.305	0.287812	0.416258	408.3837	175.1647	2.186082	100	6.6
1895.896	1534.896	338.4625	21.52789	0.265852	1.433303	468.4494	1408.572	0.279745	0.401037	440.521	273.2646	3.393662	100	11.5
1896.049	1535.049	338.4676	21.591	0.263504	1.392504	470.2447	1400.485	0.277526	0.407076	435.2488	258.2925	3.198513	100	10.8
1896.201	1535.201	338.4728	21.62067	0.260489	1.406461	472.8083	1396.689	0.274674	0.427173	411.4509	183.7027	2.271794	100	7.4
1896.354	1535.354	338.4779	21.61419	0.258453	1.446083	475.1879	1401.511	0.272756	0.462074	365.935	109.0902	1.3495	100	3.9
1896.506	1535.506	338.483	21.61	0.259023	1.512216	476.8022	1401.826	0.27332	0.481481	338.376	90.67162	1.12188	100	3
1896.658	1535.658	338.4881	21.50343	0.261508	1.536365	477.7716	1400.046	0.275707	0.475287	343.6277	93.51105	1.162683	100	3.2
1896.811	1535.811	338.4932	21.39672	0.263761	1.546513	478.2393	1402.638	0.277875	0.470881	346.7162	95.29956	1.190767	100	3.2
1896.963	1535.963	338.4984	21.38396	0.263656	1.588627	478.0244	1420.504	0.277797	0.474664	341.6052	92.389	1.155093	100	3.1
1897.116	1536.116	338.5035	21.26724	0.263488	1.651759	477.7649	1434.826	0.277657	0.473647	343.2001	93.27067	1.17245	100	3.2
1897.268	1536.268	338.5086	21.44867	0.261687	1.702251	479.7251	1461.129	0.275961	0.478648	338.6399	90.8087	1.131982	100	3.1
1897.42	1536.42	338.5137	21.4958	0.257052	1.782753	485.2646	1467.732	0.271568	0.473402	351.9414	98.55564	1.225908	100	3.6
1897.573	1536.573	338.5189	21.42241	0.253486	1.717649	493.0554	1467.073	0.268196	0.470459	360.6568	104.7582	1.307482	100	3.9
1897.725	1536.725	338.524	21.33327	0.256645	1.710145	498.9916	1463.168	0.271222	0.506573	306.6422	77.25622	0.96822	100	2.6
1897.878	1536.878	338.5291	21.28971	0.26901	1.914292	497.9352	1458.29	0.283029	0.543622	239.2226	58.52216	0.734925	100	1.6
1898.03	1537.03	338.5342	21.36333	0.280424	2.228673	488.679	1448.312	0.293961	0.557007	205.664	51.40651	0.643377	100	1.2
1898.182	1537.182	338.5393	21.36295	0.288081	2.1501	476.4473	1421.995	0.301319	0.489379	288.8377	71.46246	0.894413	100	2
1898.335	1537.335	338.5445	21.22525	0.294119	1.744396	469.2648	1405.422	0.307134	0.439825	349.1971	96.80737	1.219403	100	2.9
1898.487	1537.487	338.5496	21.3334	0.301165	1.293188	470.9648	1395.724	0.313927	0.42547	359.6317	103.9714	1.303101	100	3
1898.64	1537.64	338.5547	21.35641	0.302959	1.037504	479.2955	1391.659	0.315674	0.443309	332.6043	87.80549	1.099331	100	2.2
1898.792	1537.792	338.5598	21.44806	0.298622	0.98382	489.0266	1385.339	0.311523	0.483955	282.2411	69.51163	0.86663	100	1.4
1898.944	1537.944	338.5649	21.27301	0.294839	1.102029	495.6743	1374.769	0.307909	0.541717	207.5171	51.77352	0.650734	100	0.8
1899.097	1538.097	338.5701	21.24306	0.292369	1.362486	496.4437	1371.154	0.305557	0.574926	164.9325	43.99243	0.553711	100	0.5
1899.249	1538.249	338.5752	21.15341	0.289213	1.640734	490.684	1369.136	0.302549	0.559296	190.6531	48.53338	0.613431	100	0.9
1899.402	1538.402	338.5803	21.06758	0.282298	1.901197	481.1199	1369.361	0.295942	0.53572	232.3073	56.9692	0.722963	100	1.4
1899.554	1538.554	338.5854	21.10158	0.270409	2.07371	472.6385	1365.325	0.284593	0.48475	318.3071	81.60562	1.033972	100	2.7
1899.706	1538.706	338.5905	21.13173	0.258852	2.021509	468.9495	1353.763	0.273593	0.457682	370.8409	113.5932	1.437254	100	4.4
1899.859	1538.859	338.5957	21.15634	0.253262	1.721936	469.7538	1341.839	0.268295	0.441822	400.0385	155.5118	1.965397	100	6.5
1900.011	1539.011	338.6008	21.15582	0.259388	1.389391	472.146	1328.489	0.274144	0.463081	362.6298	106.3207	1.343757	100	3.8
1900.164	1539.164	338.6059	21.10377	0.263918	1.27414	474.027	1319.943	0.278481	0.467067	351.1432	98.03802	1.24211	100	3.3
1900.316	1539.316	338.611	21.14655	0.265997	1.275336	475.4442	1319.037	0.280485	0.487819	319.7408	82.17903	1.039112	100	2.5
1900.468	1539.468	338.6161	21.14888	0.262929	1.318549	477.484	1326.673	0.27758	0.489075	322.0154	83.10872	1.050765	100	2.6
1900.621	1539.621	338.6213	21.15121	0.263052	1.291861	480.3048	1344.006	0.277718	0.467094	352.159	98.69811	1.247746	100	3.4
1900.773	1539.773	338.6264	21.15353	0.264086	1.276525	483.0812	1361.975	0.278724	0.442277	385.0185	130.0004	1.643312	100	4.8
1900.926	1539.926	338.6315	21.1232	0.264438	1.29383	484.8925	1376.085	0.279082	0.443699	382.5628	126.7262	1.604216	100	4.7
1901.078	1540.078	338.6366	21.16829	0.26242	1.406345	485.3982	1390.578	0.277178	0.45841	364.8886	108.1919	1.366725	100	3.9
1901.23	1540.23	338.6417	21.12741	0.259943	1.52659	485.0117	1396.075	0.274839	0.474695	345.6421	94.66685	1.198173	100	3.3
1901.383	1540.383	338.6469	21.12974	0.260325	1.606415	484.5014	1406.244	0.275223	0.466297	356.7024	101.8114	1.288475	100	3.7
1901.535	1540.535	338.652	21.13206	0.260385	1.559336	484.4261	1408.229	0.275301	0.473636	346.4678	95.15218	1.204082	100	3.4
1901.688	1540.688	338.6571	21.13438	0.258557	1.545916	484.8684	1410.242	0.273581	0.501948	309.7701	78.37192	0.991645	100	2.6
1901.84	1540.84	338.6622	21.13671	0.25872	1.532094	485.6792	1409.725	0.273757	0.521552	282.4732	69.57877	0.880299	100	2.1
1901.992	1540.992	338.6673	21.04999	0.263773	1.471124	486.2486	1407.671	0.278592	0.513197	287.3302	71.00856	0.902058	100	2.1
1902.145	1541.145	338.6725	21.05231	0.267785	1.448713	486.132	1407.43	0.28244	0.506128	291.7767	72.36208	0.919164	100	2.1
1902.297	1541.297	338.6776	21.05462	0.264236	1.480745	485.8121	1400.998	0.279075	0.50849	293.1603	72.79261	0.924544	100	2.2
1902.45	1541.45	338.6827	21.16064	0.259276	1.544121	486.1942	1396.751	0.27437	0.531988	267.2262	65.37388	0.826215	100	1.9
1902.602	1541.602	338.6878	21.05277	0.258532	1.513056	487.2589	1393.835	0.273682	0.538958	258.5578	63.14602	0.802111	100	1.8
1902.754	1541.754	338.6929	21.06965	0.260565	1.456089	487.5457	1388.138	0.275639	0.534188	262.439	64.13043	0.81398	100	1.8
1902.907	1541.907	338.6981	21.11694	0.262647	1.412121	485.854	1383.413	0.277643	0.509767	293.375	72.85984	0.922742	100	2.2
1903.059	1542.059	338.7032	21.17754	0.262498	1.428112	483.1333	1374.461	0.277521	0.491139	319.2493	81.98141	1.035339	100	2.6
1903.212	1542.212	338.7083	21.24183	0.263117	1.413458	480.8923	1369.423	0.278132	0.482189	330.757	86.93764	1.09466	100	2.8
1903.364	1542.364	338.7134	21.21478	0.262162	1.379349	479.5689	1366.767	0.277243	0.481717	332.6351	87.82014	1.107178	100	2.9
1903.516	1542.516	338.7185	21.26214	0.261024	1.319627	479.4589	1363.453	0.276179	0.498685	310.6884	78.70603	0.990102	100	2.4
1903.669	1542.669	338.7237	21.30919	0.259801	1.313422	480.5775	1361.38	0.275034	0.488858	325.8286	84.7261	1.06352	100	2.7
1903.821	1542.821	338.7288	21.28264	0.258364	1.339579	482.3028	1356.751	0.273687	0.486218	331.3317	87.20521	1.096001	100	2.9
1903.974	1542.974	338.7339	21.35068	0.255609	1.420752	483.6565	1355.909	0.271086	0.488534	331.7256	87.3899	1.094878	100	3

1904.126	1543.126	338.739	21.32537	0.25486	1.463971	484.2544	1357.921	0.270394	0.508388	305.2814	76.78117	0.963104	100	2.5
1904.278	1543.278	338.7441	21.371	0.255692	1.492748	484.4206	1359.127	0.271206	0.519403	288.9604	71.49962	0.894975	100	2.2
1904.431	1543.431	338.7493	21.44092	0.258544	1.462668	484.4374	1360.954	0.273941	0.518028	287.0825	70.93444	0.885052	100	2.1
1904.583	1543.583	338.7544	21.49973	0.261587	1.446082	484.4541	1362.178	0.27686	0.520211	280.0416	68.88066	0.857116	100	2
1904.736	1543.736	338.7595	21.5562	0.264176	1.38961	484.4868	1363.277	0.279349	0.517953	279.723	68.79001	0.853785	100	1.9
1904.888	1543.888	338.7646	21.6102	0.268258	1.306283	484.6147	1364.655	0.283264	0.524991	264.6087	64.68986	0.800926	100	1.6
1905.04	1544.04	338.7697	21.6687	0.270423	1.265966	484.984	1365.184	0.285351	0.500137	296.026	73.69934	0.910053	100	2
1905.193	1544.193	338.7749	21.73262	0.270641	1.24928	485.6772	1364.389	0.28558	0.489312	310.6492	78.69171	0.968892	100	2.2
1905.345	1544.345	338.78	21.82179	0.2699	1.260056	486.4752	1362.666	0.284893	0.49275	306.8524	77.33014	0.948303	100	2.1
1905.498	1544.498	338.7851	21.91792	0.269143	1.273471	486.8636	1355.083	0.284192	0.496427	302.7458	75.91181	0.926897	100	2.1
1905.65	1544.65	338.7902	21.92033	0.269247	1.270906	486.5342	1349.177	0.284311	0.505291	290.3488	71.92253	0.878102	100	1.9
1905.802	1544.802	338.7953	21.92273	0.269456	1.265804	485.4078	1345.277	0.284531	0.512646	279.8966	68.83937	0.840379	100	1.8
1905.955	1544.955	338.8005	21.92513	0.268146	1.265975	483.7287	1338.234	0.283302	0.500114	298.8872	74.62593	0.910933	100	2
1906.107	1545.107	338.8056	21.92754	0.266697	1.27292	481.6686	1325.508	0.28194	0.510073	287.0225	70.9165	0.86557	100	1.9
1906.26	1545.26	338.8107	21.92994	0.264423	1.274949	479.4054	1318.369	0.279791	0.529889	262.641	64.18224	0.7833	100	1.6
1906.412	1545.412	338.8158	21.93234	0.263034	1.269284	477.1451	1308.791	0.278487	0.545194	243.3197	59.46591	0.725671	100	1.4
1906.564	1545.564	338.821	21.93475	0.262399	1.2538	474.6278	1302.172	0.277903	0.553701	232.3868	56.98678	0.69535	100	1.3
1906.717	1545.717	338.8261	21.93715	0.264003	1.222183	472.2056	1292.76	0.279452	0.523363	272.1147	66.67936	0.813541	100	1.7
1906.869	1545.869	338.8312	21.93955	0.269078	1.15057	470.4154	1282.82	0.284315	0.503305	293.0851	72.76909	0.887755	100	1.9
1907.022	1546.022	338.8363	21.94196	0.274741	1.057769	469.2732	1285.608	0.289746	0.474627	325.1658	84.4394	1.030029	100	2.3
1907.174	1546.174	338.8414	21.93009	0.279244	0.966591	468.5722	1285.46	0.294073	0.497024	288.2855	71.29559	0.870169	100	1.6
1907.326	1546.326	338.8466	22.02526	0.282623	0.909727	468.0841	1285.846	0.297329	0.531938	235.611	57.70501	0.701305	100	1
1907.479	1546.479	338.8517	22.02768	0.284638	0.875794	467.9738	1285.755	0.29928	0.535915	227.4313	55.90291	0.679338	100	0.9
1907.631	1546.631	338.8568	22.03009	0.284874	0.860174	468.9306	1292.77	0.299527	0.520001	249.0521	60.81768	0.738992	100	1.1
1907.784	1546.784	338.8619	22.0325	0.284244	0.857237	471.2371	1303.035	0.298944	0.494601	284.9083	70.28954	0.854002	100	1.5
1907.936	1546.936	338.867	22.03491	0.281413	0.875447	474.4294	1309.325	0.296253	0.491658	292.6838	72.64381	0.882521	100	1.6
1908.088	1547.088	338.8722	22.03733	0.279875	0.894801	478.0507	1321.005	0.294802	0.508943	270.8322	66.33321	0.805778	100	1.4
1908.241	1547.241	338.8773	22.03974	0.277953	0.928759	481.4558	1334.5	0.292983	0.505424	278.199	68.35906	0.830308	100	1.5
1908.393	1547.393	338.8824	22.07838	0.275898	0.98321	483.7083	1341.982	0.291038	0.488848	303.7584	76.2566	0.924648	100	1.9
1908.546	1547.546	338.8875	22.11515	0.268128	1.092406	484.6589	1348.127	0.283636	0.485618	318.4296	81.65427	0.988487	100	2.3
1908.698	1547.698	338.8927	22.09406	0.26026	1.228361	484.8596	1352.15	0.276154	0.490169	322.4756	83.29992	1.009369	100	2.5
1908.85	1547.85	338.8978	22.09648	0.257496	1.293956	484.613	1356.159	0.273543	0.518893	286.4382	70.74229	0.857122	100	2
1909.003	1548.003	338.9029	22.0989	0.259686	1.307549	484.0168	1358.648	0.275648	0.517803	285.0383	70.32782	0.852019	100	1.9
1909.155	1548.155	338.908	22.10131	0.261859	1.289774	483.2618	1357.877	0.277739	0.516071	284.5426	70.18204	0.850171	100	1.9
1909.308	1548.308	338.9131	22.10373	0.264264	1.269821	482.9865	1354.924	0.280052	0.499785	303.824	76.27903	0.92394	100	2.1
1909.46	1548.46	338.9183	22.13482	0.26772	1.238618	483.3271	1347.965	0.28337	0.503757	293.7649	72.98219	0.882794	100	1.9
1909.612	1548.612	338.9234	22.16001	0.273345	1.160833	483.3281	1345.34	0.288762	0.513932	272.2823	66.72478	0.806211	100	1.5
1909.765	1548.765	338.9285	22.16244	0.276365	1.123302	482.4049	1344.046	0.29167	0.515145	266.5947	65.20793	0.787808	100	1.4
1909.917	1548.917	338.9336	22.17632	0.277781	1.102795	481.1132	1341.948	0.293045	0.511441	269.8097	66.05914	0.797609	100	1.4
1910.07	1549.07	338.9388	22.18661	0.2753	1.128593	480.1615	1340.34	0.290693	0.506505	279.8676	68.83113	0.830709	100	1.6
1910.222	1549.222	338.9439	22.19479	0.272631	1.159365	479.6193	1335.587	0.288162	0.511741	276.133	67.78152	0.817754	100	1.6
1910.374	1549.374	338.949	22.20271	0.270928	1.175232	479.2265	1332.713	0.286556	0.49638	299.5483	74.84323	0.902644	100	1.9
1910.527	1549.527	338.9541	22.21128	0.270537	1.154265	478.9416	1331.642	0.286203	0.492119	305.9154	77.00173	0.928334	100	2
1910.679	1549.679	338.9592	22.25826	0.270729	1.135201	478.8154	1330.064	0.286408	0.48225	319.2528	81.9828	0.986344	100	2.2
1910.832	1549.832	338.9644	22.29683	0.270528	1.141481	478.7433	1327.774	0.286236	0.481321	320.7718	82.59731	0.992058	100	2.3
1910.984	1549.984	338.9695	22.27427	0.268646	1.182484	478.4965	1327.002	0.284459	0.469999	338.8478	90.91714	1.093086	100	2.7
1911.136	1550.136	338.9746	22.2767	0.266603	1.202097	477.9004	1325.968	0.282531	0.477744	330.8209	86.96728	1.045498	100	2.5
1911.289	1550.289	338.9797	22.27913	0.268115	1.192259	477.1454	1325.357	0.283994	0.486148	317.2038	81.17069	0.975719	100	2.3
1911.441	1550.441	338.9848	22.31062	0.272339	1.140141	476.9177	1325.34	0.288048	0.494109	300.6229	75.19904	0.902691	100	1.9
1911.594	1550.594	338.99	22.24893	0.274448	1.109351	477.4997	1326.86	0.290084	0.485631	309.514	78.27927	0.942242	100	2
1911.746	1550.746	338.9951	22.19009	0.271204	1.133382	478.0246	1325.792	0.287005	0.489032	309.0692	78.11894	0.942777	100	2.1
1911.898	1550.898	339.0002	22.16708	0.268744	1.159415	477.7873	1325.431	0.284677	0.508484	285.4374	70.44557	0.85105	100	1.8
1912.051	1551.051	339.0053	22.1695	0.267483	1.214236	476.7751	1325.279	0.283494	0.500208	298.4915	74.49648	0.899903	100	2
1912.203	1551.203	339.0104	22.17192	0.266915	1.257965	475.6677	1326.446	0.282973	0.503079	295.2485	73.45128	0.887192	100	2
1912.356	1551.356	339.0156	22.17434	0.264936	1.312915	475.0811	1326.663	0.281105	0.525923	266.3015	65.13107	0.78662	100	1.6
1912.508	1551.508	339.0207	22.19119	0.262176	1.35286	475.3075	1326.961	0.278495	0.528792	265.9438	65.03749	0.784912	100	1.7
1912.66	1551.66	339.0258	22.12377	0.261914	1.346357	476.3056	1329.676	0.278265	0.51747	281.8847	69.40878	0.840191	100	1.9
1912.813	1551.813	339.0309	22.05682	0.262607	1.333677	477.5989	1335.282	0.278946	0.496405	310.0152	78.4608	0.952616	100	2.3
1912.965	1551.965	339.036	21.99254	0.26466	1.299465	478.7144	1338.64	0.280924	0.500301	301.9087	75.62915	0.920891	100	2.1
1913.118	1552.118	339.0412	21.93068	0.265936	1.305179	479.4648	1341.552	0.282162	0.497479	304.0968	76.37252	0.932539	100	2.2
1913.27	1552.27	339.0463	21.87127	0.267434	1.30599	479.9706	1346.037	0.283612	0.472115	337.0967	90.01487	1.102074	100	2.8
1913.422	1552.422	339.0514	21.81308	0.268101	1.277688	480.0224	1346.196	0.284269	0.478593	327.2504	85.34939	1.047714	100	2.5
1913.575	1552.575	339.0565	21.8481	0.266852	1.255973	479.6771	1348.947	0.283097	0.496395	304.301	76.44266	0.936907	100	2.1
1913.727	1552.727	339.0616	21.75448	0.264156	1.262502	479.3666	1352.047	0.280546	0.503978	297.3566	74.12752	0.912398	100	2.1
1913.88	1552.88	339.0668	21.63788	0.262148	1.25501	479.3929	1354.346	0.278653	0.490774	318.1914	81.55978	1.009228	100	2.5
1914.032	1553.032	339.0719	21.60784	0.260854	1.242763	479.8479	1354.695	0.27744	0.476769	339.1909	91.09679	1.1288	100	2.9
1914.184	1553.184	339.077	21.64527	0.262483	1.22872	480.5095	1355.036	0.279013	0.492096	315.87	80.65201	0.997682	100	2.4
1914.337	1553.337	339.0821	21.59082	0.264718	1.238821	480.8152	1354.33	0.281164	0.500747	300.9627	75.31222	0.933958	100	2.1
1914.489	1553.489	339.0872	21.53335	0.266321	1.284567	480.3777	1354.249	0.282715	0.502143	296.8958	73.97871	0.919849	100	2.1
1914.642	1553.642	339.0924	21.47453	0.266174	1.310168	479.7213	1355.164	0.282595	0.510701	285.2521	70.39085	0.877616	100	1.9
1914.794	1553.794	339.0975	21.41361	0.264394	1.29712	479.4014	1356.763	0.280917	0.510307	288.1116	71.2432	0.890749	100	2
1914.946	1553.946	339.1026	21.38706	0.263039	1.264214	479.5929	1359.663	0.279646	0.494559	311.5972	79.0398	0.989454	100	2.4
1915.099	1554.099	339.1077	21.33248	0.259523	1.290315	480.5052	1364.12	0.276317	0.494789	315.8739	80.65351	1.01222	100	2.5
1915.251	1554.251	339.1128	21.25667	0.257393	1.345046	482.2271	1369.65	0.274309	0.512646	294.0028	73.05704	0.920125	100	2.2
1915.404	1554.404	339.118	21.18357	0.257591	1.365145	484.3781	1376.993	0.274518	0.509414	298.1732	74.39263	0.940155	100	2.3
1915.556	1554.556	339.1231	21.13504	0.259622	1.371474	486.1668	1379.656	0.276472	0.501319	306.6483	77.25835	0.9786	100	2.4
1915.708	1554.708	339.1282	21.08235	0.261464	1.415736	487.1332	1383.552	0.278248	0.493421	315.0971	80.35489	1.020351	100	2.6
1915.861	1554.861	339.1333	21.02631	0.263383	1.444912	487.0862	1387.375	0.280098	0.516641	280.4998	69.01133	0.878631	100	2
1916.013	1555.013	339.1384	20.99512	0.264273	1.469723	486.4838	1389.772	0.280967	0.522858	270.7226	66.30375	0.845411	100	1.9
1916.166	1555.166	339.1436	20.90593	0.265086	1.426627	485.9987	1391.753	0.281762	0.533031	255.5852	62.4057	0.799078	100	1.7

1916.318	1555.318	339.1487	20.8783	0.264472	1.435922	485.7423	1392.989	0.281197	0.514157	282.4112	69.56084	0.891875	100	2.1
1916.47	1555.47	339.1538	20.83258	0.265851	1.422237	485.429	1392.395	0.282533	0.525439	264.9985	64.79109	0.832535	100	1.8
1916.623	1555.623	339.1589	20.78442	0.268205	1.419274	484.6391	1393.702	0.2848	0.517878	272.3044	66.73077	0.859437	100	1.9
1916.775	1555.775	339.164	20.70054	0.268003	1.401666	483.1982	1394.956	0.284627	0.526308	260.9101	63.74019	0.824227	100	1.7
1916.928	1555.928	339.1692	20.6946	0.266921	1.374629	481.6207	1393.98	0.283616	0.51742	274.5717	67.35003	0.871164	100	1.9
1917.08	1556.08	339.1743	20.68505	0.264156	1.370461	480.7166	1393.267	0.280998	0.503632	297.2095	74.07995	0.958665	100	2.3
1917.232	1556.232	339.1794	20.71103	0.262841	1.355292	480.9714	1396.886	0.279766	0.485247	324.2819	84.0608	1.086487	100	2.8
1917.385	1556.385	339.1845	20.71329	0.26088	1.371434	482.3697	1401.485	0.277917	0.482234	330.9912	87.04643	1.124969	100	3
1917.537	1556.537	339.1896	20.71554	0.262289	1.388673	484.098	1404.062	0.279281	0.493048	314.186	80.00785	1.033905	100	2.6
1917.69	1556.69	339.1948	20.71779	0.266164	1.325799	485.2327	1404.605	0.282996	0.502171	296.4702	73.84177	0.954133	100	2.2
1917.842	1556.842	339.1999	20.72004	0.270817	1.23901	485.6749	1409.306	0.287458	0.515993	271.2375	66.44231	0.85844	100	1.8
1917.994	1556.994	339.205	20.78771	0.2731	1.180056	485.8027	1411.803	0.28966	0.513996	270.9547	66.36616	0.854701	100	1.7
1918.147	1557.147	339.2101	20.85535	0.271135	1.212378	485.9941	1416.629	0.287803	0.497252	296.6244	73.89131	0.948569	100	2.1
1918.299	1557.299	339.2152	20.92086	0.267235	1.2643	486.122	1418.086	0.2841	0.475396	331.8958	87.46998	1.119415	100	2.8
1918.452	1557.452	339.2204	20.98445	0.264102	1.291933	486.0817	1425.097	0.281132	0.48321	325.2086	84.45783	1.077637	100	2.7
1918.604	1557.604	339.2255	21.04603	0.263042	1.303868	486	1425.406	0.280142	0.494362	311.1845	78.88784	1.003664	100	2.4
1918.756	1557.756	339.2306	21.02022	0.264566	1.304178	485.7531	1425.296	0.281616	0.480821	327.8382	85.61044	1.09053	100	2.8
1918.909	1557.909	339.2357	20.90855	0.268173	1.282195	485.1918	1428.577	0.285077	0.465145	344.693	94.11734	1.205246	100	3.1
1919.061	1558.061	339.2408	20.88723	0.273021	1.209599	484.1511	1430.188	0.289727	0.465715	337.4895	90.21514	1.156457	100	2.8
1919.214	1558.214	339.246	20.88888	0.270638	1.214499	482.888	1435.61	0.287472	0.472679	330.9915	87.04655	1.115766	100	2.7
1919.366	1558.366	339.2511	20.94473	0.262548	1.312985	481.6378	1433.456	0.279774	0.473036	341.1222	92.12648	1.177777	100	3.1
1919.518	1558.518	339.2562	20.91306	0.254806	1.429596	480.632	1432.699	0.272423	0.47831	343.9887	93.71531	1.1999	100	3.4
1919.671	1558.671	339.2613	20.97037	0.253833	1.414452	480.239	1433.63	0.271518	0.473728	351.5607	98.30778	1.25531	100	3.6
1919.823	1558.823	339.2665	21.03091	0.257836	1.311309	480.4685	1434.637	0.275347	0.484663	331.1858	87.13708	1.109512	100	2.9
1919.976	1558.976	339.2716	21.0931	0.265397	1.18961	481.1426	1433.985	0.282572	0.493335	309.2477	78.18318	0.99261	100	2.3
1920.128	1559.128	339.2767	21.15771	0.27021	1.134699	481.8516	1431.394	0.287186	0.493467	302.6984	75.89577	0.96067	100	2.1
1920.28	1559.28	339.2818	21.18858	0.270443	1.134627	482.5289	1431.334	0.28743	0.494188	301.3681	75.44773	0.953634	100	2.1
1920.433	1559.433	339.2869	21.24742	0.264429	1.202227	483.4126	1430.411	0.281711	0.507791	290.4871	71.96489	0.907132	100	2
1920.585	1559.585	339.2921	21.32783	0.25934	1.280174	484.3152	1429.701	0.276882	0.511126	292.5494	72.60194	0.911761	100	2.1
1920.738	1559.738	339.2972	21.40608	0.257596	1.297955	484.4273	1430.291	0.275242	0.510225	296.0561	73.70897	0.92233	100	2.2
1920.89	1559.89	339.3023	21.45989	0.25764	1.269468	483.3199	1430.198	0.275304	0.51955	283.1015	69.76103	0.870777	100	2
1921.042	1560.042	339.3074	21.5182	0.258056	1.260574	481.7996	1426.997	0.275721	0.534367	262.0787	64.03817	0.797212	100	1.7
1921.195	1560.195	339.3126	21.58024	0.259354	1.263695	480.9525	1429.577	0.276977	0.551883	236.1743	57.83157	0.717911	100	1.4
1921.347	1560.347	339.3177	21.51631	0.2618	1.245314	481.0963	1431.058	0.279327	0.550382	235.0016	57.56845	0.71675	100	1.4
1921.5	1560.5	339.3228	21.50952	0.265055	1.192728	481.7418	1433.394	0.282451	0.520506	271.9188	66.6263	0.829792	100	1.7
1921.652	1560.652	339.3279	21.50075	0.266015	1.169111	482.2253	1429.259	0.283388	0.512334	281.9046	69.41451	0.864877	100	1.8
1921.804	1560.804	339.333	21.49189	0.264667	1.198092	482.1595	1428.746	0.282122	0.512599	283.2843	69.81421	0.870221	100	1.9
1921.957	1560.957	339.3382	21.46611	0.258578	1.27266	481.5507	1427.882	0.27634	0.488915	323.9477	83.91872	1.047285	100	2.7
1922.109	1561.109	339.3433	21.47894	0.251682	1.368022	480.7924	1426.374	0.269801	0.459024	374.2218	117.006	1.459362	100	4.5
1922.262	1561.262	339.3484	21.49931	0.246827	1.435366	480.3329	1428.765	0.265211	0.467784	368.4677	111.3526	1.387567	100	4.3
1922.414	1561.414	339.3535	21.68614	0.24805	1.4385	480.3654	1425.832	0.266392	0.480789	348.8906	96.61748	1.193723	100	3.5
1922.566	1561.566	339.3586	21.80145	0.250095	1.413088	480.9349	1423.313	0.268355	0.466111	366.4372	109.5288	1.346196	100	4.1
1922.719	1561.719	339.3638	21.91734	0.253362	1.366347	482.0376	1426.694	0.27148	0.447629	387.629	133.7196	1.634967	100	5.1
1922.871	1561.871	339.3689	22.03416	0.255628	1.333907	483.1593	1432.084	0.273655	0.445724	387.2563	133.1727	1.619788	100	5
1923.024	1562.024	339.374	22.15186	0.257873	1.33715	483.6525	1435.3	0.275813	0.460147	364.3753	107.7587	1.303828	100	3.7
1923.176	1562.176	339.3791	22.18348	0.258943	1.352979	482.907	1433.495	0.276852	0.471999	346.5866	95.2226	1.150543	100	3.1
1923.328	1562.328	339.3842	22.30128	0.260137	1.346189	481.2725	1436.388	0.278009	0.468208	350.22	97.44875	1.171329	100	3.2
1923.481	1562.481	339.3894	22.41949	0.260295	1.303773	480.0316	1435.796	0.27818	0.462122	358.3831	103.0351	1.232062	100	3.4
1923.633	1562.633	339.3945	22.34929	0.260533	1.281124	480.0769	1433.974	0.278427	0.459231	362.0309	105.8396	1.269524	100	3.5
1923.786	1562.786	339.3996	22.32381	0.258661	1.298934	481.3226	1438.386	0.276665	0.483949	330.353	86.75076	1.04174	100	2.7
1923.938	1562.938	339.4047	22.23897	0.257985	1.369312	483.0223	1438.406	0.276041	0.511329	293.4295	72.87692	0.878435	100	2.1
1924.09	1563.09	339.4098	22.25557	0.256272	1.461848	484.4365	1437.507	0.274432	0.501108	309.7555	78.36662	0.943923	100	2.4
1924.243	1563.243	339.415	22.36231	0.258068	1.497334	484.4626	1434.833	0.276162	0.495405	315.2373	80.40861	0.963978	100	2.5
1924.395	1563.395	339.4201	22.48342	0.26262	1.455104	482.523	1431.48	0.280518	0.499031	304.2221	76.41554	0.91126	100	2.2
1924.548	1563.548	339.4252	22.51565	0.268817	1.398302	479.1165	1429.039	0.28645	0.507765	283.983	70.01806	0.833804	100	1.8
1924.7	1563.7	339.4303	22.47011	0.271381	1.386481	475.5923	1428.229	0.288919	0.485126	311.818	79.12136	0.944099	100	2.2
1924.852	1563.852	339.4354	22.4242	0.269936	1.423453	473.1735	1424.78	0.287559	0.462498	344.9207	94.24835	1.126878	100	2.9
1925.005	1564.005	339.4406	22.47164	0.263098	1.49994	472.4439	1418.922	0.281056	0.426226	403.9517	164.1302	1.958364	100	6.2
1925.157	1564.157	339.4457	22.41653	0.255907	1.604071	473.0543	1412.788	0.274227	0.430948	406.8575	171.2002	2.047688	100	6.8
1925.31	1564.31	339.4508	22.41896	0.255321	1.618941	473.9094	1410.493	0.273691	0.459175	368.646	111.5168	1.333701	100	4
1925.462	1564.462	339.4559	22.36713	0.26018	1.585366	474.4311	1409.264	0.278336	0.452297	371.7254	114.46	1.37204	100	4
1925.614	1564.614	339.461	22.31425	0.264359	1.525428	475.2544	1412.224	0.282339	0.459366	356.4471	101.6291	1.221091	100	3.4
1925.767	1564.767	339.4662	22.34505	0.260812	1.589392	477.7069	1428.348	0.27898	0.443966	382.3351	126.4329	1.51707	100	4.6
1925.919	1564.919	339.4713	22.29086	0.25406	1.721113	482.7252	1449.687	0.272573	0.442842	392.7269	141.777	1.705276	100	5.5
1926.072	1565.072	339.4764	22.23767	0.25156	1.789195	489.811	1467.376	0.270217	0.430094	413.5703	190.0829	2.291706	100	7.9
1926.224	1565.224	339.4815	22.18304	0.254709	1.773023	496.8204	1471.505	0.273231	0.467132	358.2995	102.9732	1.244507	100	3.7
1926.376	1565.376	339.4866	22.28098	0.263603	1.733335	501.7913	1486.838	0.281722	0.501379	299.3214	74.76852	0.89973	100	2.2
1926.529	1565.529	339.4918	22.37944	0.275534	1.718881	503.8118	1496.222	0.293133	0.524545	251.6046	61.43193	0.73605	100	1.5
1926.681	1565.681	339.4969	22.54852	0.284992	1.737835	502.9424	1497.693	0.302207	0.520875	244.1477	59.65887	0.709539	100	1.3
1926.834	1565.834	339.502	22.56312	0.28768	1.7564	499.2596	1498.216	0.304804	0.494596	276.8274	67.9748	0.807937	100	1.6
1926.986	1565.986	339.5071	22.73034	0.283649	1.822882	493.3155	1491.768	0.300961	0.481326	300.4439	75.13954	0.886645	100	2
1927.138	1566.138	339.5122	22.72615	0.278777	1.751943	486.7079	1482.037	0.296317	0.473743	317.3168	81.215	0.95852	100	2.3
1927.291	1566.291	339.5174	22.90879	0.27565	1.649576	481.5291	1466.35	0.293346	0.485794	304.786	76.60972	0.897093	100	2
1927.443	1566.443	339.5225	23.06232	0.275226	1.58296	479.0751	1458.356	0.292961	0.48768	302.7158	75.90167	0.883	100	2
1927.596	1566.596	339.5276	23.21766	0.277179	1.530871	478.8347	1454.027	0.294849	0.484426	304.5999	76.54555	0.884653	100	1.9
1927.748	1566.748	339.5327	23.19435	0.28016	1.464955	480.0041	1444.745	0.297722	0.46958	321.1232	82.74108	0.95721	100	2.1
1927.9	1566.9	339.5378	23.17178	0.282805	1.409525	481.7802	1444.434	0.300276	0.460698	329.8562	86.52241	1.001923	100	2.2
1928.053	1567.053	339.543	22.98897	0.283033	1.44136	483.6927	1447.865	0.300514	0.43535	364.5069	107.8692	1.258884	100	3.2
1928.205	1567.205	339.5481	22.87202	0.281936	1.487047	485.4243	1453.596	0.299484	0.421455	385.1043	130.1187	1.52619	100	4.1
1928.358	1567.358	339.5532	22.70714	0.280417	1.517705	486.4826	1455.639	0.29805	0.415483	395.3238	146.3354	1.728668	100	4.9

1928.51	1567.51	339.5583	22.69727	0.280644	1.51975	486.6866	1455.396	0.298287	0.42299	384.6371	129.4781	1.530204	100	4.2
1928.662	1567.662	339.5634	22.50169	0.281432	1.536222	486.0683	1458.787	0.299063	0.427382	377.507	120.5971	1.437447	100	3.8
1928.815	1567.815	339.5686	22.35501	0.279975	1.590151	484.6939	1463.42	0.297688	0.442242	358.8978	103.4182	1.240661	100	3.2
1928.967	1567.967	339.5737	22.35999	0.277515	1.64906	483.0466	1461.963	0.295354	0.45545	343.8909	93.65983	1.123361	100	2.8
1929.12	1568.12	339.5788	22.40221	0.277716	1.622766	481.7613	1458.604	0.295567	0.463142	332.9812	87.98534	1.053355	100	2.6
1929.272	1568.272	339.5839	22.50022	0.280102	1.571856	481.0857	1456.712	0.29787	0.463207	329.7129	86.45685	1.03063	100	2.4
1929.424	1568.424	339.589	22.58771	0.27865	1.521824	480.8738	1452.422	0.296502	0.453888	344.4624	93.98517	1.116116	100	2.7
1929.577	1568.577	339.5942	22.58332	0.272799	1.573199	480.881	1449.518	0.290927	0.454809	350.8856	97.87257	1.162516	100	3
1929.729	1568.729	339.5993	22.56939	0.268941	1.58536	481.0977	1446.668	0.287262	0.451862	360.0085	104.2587	1.239136	100	3.4
1929.882	1568.882	339.6044	22.74984	0.270721	1.563306	481.7305	1448.441	0.288983	0.451136	358.6354	103.2224	1.217262	100	3.2
1930.034	1569.034	339.6095	22.72797	0.273015	1.545153	483.0334	1451.078	0.291195	0.453627	352.1458	98.68942	1.164921	100	3
1930.186	1569.186	339.6146	22.7112	0.271017	1.563958	484.8602	1460.576	0.289306	0.460346	345.4805	94.57266	1.117151	100	2.9
1930.339	1569.339	339.6198	22.6635	0.267839	1.622751	486.9506	1480.911	0.286293	0.460391	349.5759	97.04352	1.148724	100	3.1
1930.491	1569.491	339.6249	22.60264	0.268302	1.624925	489.314	1487.152	0.286755	0.452561	359.7441	104.0568	1.235019	100	3.4
1930.644	1569.644	339.63	22.48541	0.274367	1.554865	492.1856	1494.578	0.292568	0.434617	376.4844	119.4484	1.424986	100	3.9
1930.796	1569.796	339.6351	22.42485	0.282538	1.458983	495.2002	1494.725	0.300407	0.445286	350.9431	97.90945	1.171151	100	2.9
1930.948	1569.948	339.6403	22.3652	0.289055	1.407534	496.5253	1503.208	0.306674	0.453369	331.1401	87.11578	1.04479	100	2.3
1931.101	1570.101	339.6454	22.25812	0.288412	1.498942	495.1161	1503.077	0.306078	0.493748	276.2394	67.81108	0.81713	100	1.6
1931.253	1570.253	339.6505	22.23632	0.28223	1.722343	491.9984	1497.233	0.300174	0.518632	250.0479	61.05638	0.736454	100	1.4
1931.406	1570.406	339.6556	22.40937	0.274236	1.949478	488.1757	1487.768	0.292545	0.526159	250.1877	61.08998	0.731263	100	1.5
1931.558	1570.558	339.6607	22.37079	0.268461	1.973811	484.3879	1475.881	0.287049	0.506816	284.4669	70.1598	0.841268	100	2
1931.71	1570.71	339.6659	22.22495	0.263781	1.895206	481.0924	1466.246	0.282605	0.484597	321.2615	82.7978	0.999235	100	2.6
1931.863	1570.863	339.671	22.07989	0.259916	1.842385	478.5305	1454.362	0.278942	0.476179	337.933	90.44275	1.098578	100	3.1
1932.015	1571.015	339.6761	21.93733	0.259116	1.811973	477.2292	1448.987	0.278201	0.473757	342.2973	92.76876	1.134066	100	3.2
1932.168	1571.168	339.6812	21.95255	0.261779	1.691187	477.4047	1439.76	0.280758	0.491813	313.8513	79.88122	0.975864	100	2.5
1932.32	1571.32	339.6864	21.88021	0.266885	1.520466	478.498	1434.602	0.285647	0.511071	280.5294	69.01981	0.845937	100	1.9
1932.472	1571.472	339.6915	21.90481	0.269525	1.438156	479.55	1430.635	0.288187	0.518487	266.7904	65.25929	0.798969	100	1.7
1932.625	1571.625	339.6966	21.76797	0.266941	1.432002	480.4938	1424.135	0.285741	0.529514	254.9484	62.24857	0.766847	100	1.6
1932.777	1571.777	339.7017	21.62974	0.258565	1.545339	481.8221	1420.169	0.277778	0.506449	297.767	74.26054	0.920608	100	2.3
1932.93	1571.93	339.7068	21.48074	0.249298	1.729004	483.6743	1415.287	0.268985	0.476758	350.8745	97.86549	1.221568	100	3.7
1933.082	1572.082	339.712	21.39506	0.245789	1.890935	484.8596	1406.455	0.265675	0.473607	359.7915	104.093	1.30446	100	4.1
1933.234	1572.234	339.7171	21.16634	0.246769	2.018679	484.1048	1395.892	0.266625	0.479518	350.3222	97.51353	1.235086	100	3.9
1933.387	1572.387	339.7222	21.08468	0.248304	2.08955	480.9616	1385.788	0.268102	0.485301	340.304	91.68639	1.165746	100	3.6
1933.539	1572.539	339.7273	21.19046	0.247908	2.205019	475.6589	1364.995	0.267747	0.479894	348.2562	96.22773	1.217456	100	3.8
1933.692	1572.692	339.7325	21.34627	0.247072	2.240952	469.1275	1333.743	0.266974	0.480737	348.1601	96.16902	1.207941	100	3.8
1933.844	1572.844	339.7376	21.35023	0.247271	2.121885	462.4117	1313.252	0.267183	0.474203	356.8875	101.9441	1.280261	100	4.1
1933.996	1572.996	339.7427	21.36007	0.246416	1.811802	457.1886	1293.702	0.266392	0.478485	352.0692	98.63923	1.238207	100	3.8
1934.149	1573.149	339.7478	21.41446	0.244597	1.576569	454.706	1284.543	0.264686	0.475214	358.937	103.4476	1.295319	100	4
1934.301	1573.301	339.7529	21.3662	0.243413	1.414209	455.0275	1275.666	0.263584	0.472448	364.276	107.6754	1.351285	100	4.2
1934.454	1573.454	339.7581	21.28302	0.243328	1.28072	457.2799	1266.278	0.263524	0.473166	363.3692	106.9233	1.34705	100	4.2
1934.606	1573.606	339.7632	21.20369	0.245238	1.145935	460.0181	1260.817	0.265355	0.458471	381.1197	124.8964	1.579324	100	5
1934.758	1573.758	339.7683	21.21333	0.248621	1.080326	462.3054	1261.146	0.268587	0.449028	389.6912	136.8456	1.729666	100	5.5
1934.911	1573.911	339.7734	21.26283	0.24958	1.126283	464.1322	1269.528	0.269518	0.440416	400.2907	156.0382	1.967732	100	6.5
1935.063	1574.063	339.7785	21.26941	0.247654	1.191286	465.6287	1275.273	0.26771	0.459062	377.0549	120.0857	1.513905	100	4.7
1935.216	1574.216	339.7837	21.18515	0.245735	1.253435	466.2742	1284.936	0.265908	0.461398	376.3177	119.2639	1.50948	100	4.8
1935.368	1574.368	339.7888	21.28069	0.244747	1.276022	466.2908	1298.059	0.264991	0.465028	372.5738	115.3085	1.452953	100	4.6
1935.52	1574.52	339.7939	21.34691	0.235146	1.402763	466.657	1303.986	0.255916	0.434386	427.3828	235.194	2.954517	100	11.3
1935.673	1574.673	339.799	21.35358	0.212265	1.769744	468.0106	1311.014	0.234361	0.411465	488.7601	393.6483	4.94356	100	22.2
1935.825	1574.825	339.8041	21.47065	0.190853	2.266214	470.2755	1322.953	0.214331	0.399774	532.5345	481.9746	6.020225	100	30.6
1935.978	1574.978	339.8093	21.55177	0.189994	2.354284	472.9502	1333.683	0.21355	0.43531	484.5729	384.2608	4.781906	100	24.2
1936.13	1575.13	339.8144	21.77529	0.213027	1.881625	475.0659	1344.403	0.235138	0.46292	416.679	200.2227	2.466419	100	10.4
1936.282	1575.282	339.8195	21.9826	0.236616	1.499806	475.7496	1348.647	0.257409	0.467694	379.3588	122.7523	1.498052	100	5.1
1936.435	1575.435	339.8246	22.14455	0.250622	1.326657	475.6043	1359.652	0.270711	0.468721	359.5847	103.9357	1.259283	100	3.7
1936.587	1575.587	339.8297	22.31001	0.254181	1.322388	475.4082	1372.131	0.274114	0.48907	326.8065	85.15354	1.024189	100	2.7
1936.74	1575.74	339.8349	22.22721	0.252926	1.38102	475.5869	1379.25	0.272941	0.461148	366.9573	109.9881	1.327759	100	3.9
1936.892	1575.892	339.84	22.35357	0.250826	1.436775	476.4323	1388.294	0.270966	0.463414	366.5552	109.6325	1.31611	100	4
1937.044	1576.044	339.8451	22.42924	0.24952	1.452555	478.1003	1396.411	0.269746	0.496911	322.0139	83.10809	0.994387	100	2.7
1937.197	1576.197	339.8502	22.50258	0.249124	1.466253	480.378	1402.69	0.26939	0.508104	307.0588	77.40289	0.923163	100	2.4
1937.349	1576.349	339.8553	22.57387	0.246541	1.501153	482.7098	1404.06	0.266957	0.479164	350.3532	97.53314	1.159649	100	3.4
1937.502	1576.502	339.8605	22.7168	0.246581	1.529702	484.7209	1408.542	0.267016	0.449889	390.6705	138.3922	1.635286	100	5.4
1937.654	1576.654	339.8656	22.79546	0.251123	1.50369	485.9092	1409.41	0.271349	0.447611	387.8348	134.0238	1.578311	100	5
1937.806	1576.806	339.8707	22.94108	0.256658	1.466542	485.6814	1406.312	0.276634	0.450535	376.5076	119.4741	1.398205	100	4.2
1937.959	1576.959	339.8758	23.09004	0.257627	1.491615	484.1293	1400.483	0.277576	0.453314	371.3726	114.1122	1.327005	100	3.9
1938.111	1577.111	339.8809	23.1659	0.25598	1.560273	482.1134	1394.699	0.276029	0.483551	331.7793	87.41514	1.013288	100	2.7
1938.264	1577.264	339.8861	23.16829	0.254706	1.55777	480.4027	1387.033	0.274838	0.492548	321.0079	82.69383	0.958474	100	2.5
1938.416	1577.416	339.8912	23.10745	0.254181	1.513119	479.4539	1382.505	0.274358	0.488842	326.7839	85.14359	0.989431	100	2.6
1938.568	1577.568	339.8963	23.36468	0.25546	1.411509	479.4833	1383.434	0.275595	0.495352	316.0936	80.73842	0.92811	100	2.3
1938.721	1577.721	339.9014	23.44011	0.261506	1.275592	480.3287	1393.194	0.281372	0.48654	320.282	82.39798	0.944207	100	2.3
1938.873	1577.873	339.9065	23.42128	0.268926	1.183154	482.019	1398.789	0.288469	0.515885	269.9923	66.10796	0.758144	100	1.4
1939.026	1578.026	339.9117	23.3985	0.275949	1.148258	484.4619	1405.903	0.2952	0.529468	241.9583	59.15031	0.679008	100	1.1
1939.178	1578.178	339.9168	23.40239	0.28051	1.120566	487.1588	1418.509	0.299584	0.519587	249.544	60.93546	0.699394	100	1.1
1939.33	1578.33	339.9219	23.39277	0.281266	1.12063	489.373	1428.767	0.300328	0.493508	284.5063	70.17138	0.805734	100	1.5
1939.483	1578.483	339.927	23.44209	0.277465	1.199557	490.3487	1450.372	0.296711	0.499303	281.501	69.29828	0.794076	100	1.5
1939.635	1578.635	339.9321	23.64275	0.271935	1.348862	490.0827	1460.089	0.291444	0.497836	290.7946	72.05924	0.81885	100	1.7
1939.788	1578.788	339.9373	23.63859	0.269273	1.463255	489.2198	1475.807	0.288922	0.487877	308.0183	77.7429	0.883599	100	2
1939.94	1578.94	339.9424	23.63177	0.269538	1.555884	488.6838	1507.567	0.289195	0.480344	318.0363	81.49839	0.926555	100	2.2
1940.092	1579.092	339.9475	23.55551	0.270843	1.538131	489.269	1517.333	0.290462	0.466323	335.6374	89.28106	1.018269	100	2.5
1940.245	1579.245	339.9526	23.43668	0.270235	1.515618	490.956	1518.681	0.289902	0.461811	342.6366	92.95654	1.065473	100	2.7
1940.397	1579.397	339.9577	23.36367	0.270922	1.46257	492.9637	1523.326	0.290578	0.453082	353.7489	99.75682	1.146936	100	3
1940.55	1579.55	339.9629	23.28462	0.270596	1.502307	494.0919	1507.018	0.290287	0.457942	347.4443	95.73523	1.104379	100	2.8

1940.702	1579.702	339.968	23.17767	0.271544	1.594201	493.2384	1488.554	0.291213	0.478411	317.919	81.45203	0.943878	100	2.2
1940.854	1579.854	339.9731	23.24833	0.27302	1.645091	489.9048	1469.54	0.292643	0.505504	278.5571	68.45994	0.790966	100	1.7
1941.007	1580.007	339.9782	23.18761	0.275373	1.659709	484.8086	1475.728	0.294913	0.480619	309.766	78.37042	0.907807	100	2.1
1941.159	1580.159	339.9833	23.12123	0.273963	1.608535	480.862	1444.487	0.293585	0.447297	357.5838	102.448	1.19007	100	3.1
1941.312	1580.312	339.9885	23.25512	0.267743	1.607475	481.6471	1438.168	0.287664	0.41543	409.7306	178.817	2.065476	100	6.5
1941.464	1580.464	339.9936	23.06254	0.262796	1.522678	487.688	1452.544	0.282966	0.435314	388.7725	135.4316	1.577187	100	4.7
1941.616	1580.616	339.9987	22.88766	0.264054	1.479502	496.0091	1479.478	0.284186	0.454116	361.1437	105.1378	1.233605	100	3.4
1941.769	1580.769	340.0038	22.72507	0.271633	1.525078	502.7644	1495.292	0.291439	0.484065	309.8049	78.38452	0.926185	100	2.1
1941.921	1580.921	340.0089	22.55701	0.277439	1.7269	506.2807	1519.383	0.29701	0.499946	280.2002	68.92584	0.820403	100	1.8
1942.074	1581.074	340.0141	22.4422	0.28057	1.890171	507.6026	1549.832	0.300027	0.502117	273.0414	66.93113	0.800683	100	1.7
1942.226	1581.226	340.0192	22.33088	0.279249	2.043996	508.2765	1565.743	0.298782	0.521113	248.5445	60.69646	0.729673	100	1.5
1942.378	1581.378	340.0243	22.22881	0.276904	2.115913	508.795	1579.158	0.296559	0.517883	256.0707	62.52583	0.755076	100	1.6
1942.531	1581.531	340.0294	22.1301	0.274032	2.146206	508.7703	1585.922	0.293833	0.510208	270.4242	66.22366	0.803259	100	1.9
1942.683	1581.683	340.0345	22.02996	0.276162	2.159897	507.4975	1592.446	0.29589	0.505291	274.3704	67.29469	0.819919	100	1.9
1942.836	1581.836	340.0397	21.89991	0.279915	2.260064	506.2027	1589.489	0.2995	0.526891	239.5804	58.60387	0.718223	100	1.5
1942.988	1581.988	340.0448	21.77109	0.283244	2.259105	505.7779	1585.961	0.302709	0.525306	237.3405	58.09464	0.716151	100	1.5
1943.14	1582.14	340.0499	21.64457	0.283136	2.191895	505.7661	1587.285	0.302625	0.514761	252.0068	61.52941	0.762882	100	1.6
1943.293	1582.293	340.055	21.47933	0.281985	2.006588	505.9541	1578.968	0.301543	0.503296	269.3225	65.9291	0.823658	100	1.8
1943.445	1582.445	340.0602	21.47376	0.279667	1.934399	505.596	1572.431	0.299344	0.483774	299.297	74.76049	0.93424	100	2.2
1943.598	1582.598	340.0653	21.55279	0.27543	1.970625	504.3425	1566.728	0.295311	0.464739	331.131	87.11153	1.08465	100	2.8
1943.75	1582.75	340.0704	21.61416	0.27034	2.086871	502.2599	1569.536	0.290468	0.453239	353.6852	99.71375	1.238094	100	3.5
1943.902	1582.902	340.0755	21.53736	0.264488	2.178531	500.041	1556.763	0.284903	0.443234	375.1712	118.0147	1.47051	100	4.5
1944.055	1583.055	340.0806	21.5474	0.261218	2.220952	498.5587	1540.591	0.281807	0.448788	371.7795	114.5136	1.426245	100	4.4
1944.207	1583.207	340.0858	21.47395	0.258206	2.177769	498.2451	1557.234	0.278958	0.464426	354.1299	100.0153	1.249899	100	3.8
1944.36	1583.36	340.0909	21.3902	0.257379	2.148334	499.1033	1552.145	0.278192	0.479531	334.3428	88.6433	1.112086	100	3.2
1944.512	1583.512	340.096	21.37298	0.254042	2.145224	500.3551	1547.124	0.275037	0.486587	328.9592	86.11398	1.081228	100	3.2
1944.664	1583.664	340.1011	21.45532	0.252708	2.219476	501.0451	1543.777	0.273788	0.512671	294.6863	73.27287	0.916516	100	2.6
1944.817	1583.817	340.1063	21.38743	0.252156	2.289502	500.2964	1535.198	0.273284	0.499275	313.8693	79.888	1.00241	100	2.9
1944.969	1583.969	340.1114	21.32563	0.254934	2.317092	497.3342	1525.509	0.275946	0.492704	319.2637	81.98717	1.031712	100	3
1945.122	1584.122	340.1165	21.31662	0.255133	2.481405	492.4826	1517.972	0.276155	0.484853	329.809	86.50079	1.088979	100	3.3
1945.274	1584.274	340.1216	21.37112	0.25376	2.540662	487.0466	1488.038	0.27487	0.482017	335.4969	89.21126	1.120281	100	3.4
1945.426	1584.426	340.1267	21.5422	0.25097	2.548637	482.9508	1478.112	0.272238	0.459651	369.9929	112.7786	1.405122	100	4.6
1945.579	1584.579	340.1319	21.71057	0.251124	2.420231	482.2655	1464.595	0.272405	0.461327	367.4507	110.4287	1.365314	100	4.4
1945.731	1584.731	340.137	21.87663	0.252631	2.227816	485.0991	1460.1	0.273857	0.464783	360.6765	104.7735	1.285697	100	4
1945.884	1584.884	340.1421	22.04386	0.257685	2.008776	489.6982	1462.545	0.278685	0.475645	339.0243	91.00944	1.108445	100	3.2
1946.036	1585.036	340.1472	22.12778	0.263402	1.950034	494.5132	1462.913	0.284151	0.470323	338.8252	90.90532	1.103047	100	3.1
1946.188	1585.188	340.1523	22.07264	0.267069	2.018951	498.2898	1461.077	0.287669	0.475541	326.7709	85.13789	1.035623	100	2.8
1946.341	1585.341	340.1575	22.06407	0.265288	2.18651	499.4242	1461.149	0.28599	0.468301	339.0773	91.03721	1.10782	100	3.1
1946.493	1585.493	340.1626	22.06596	0.26371	2.230362	496.5097	1451.805	0.284506	0.48773	314.3154	80.05695	0.974132	100	2.6
1946.646	1585.646	340.1677	21.91732	0.262998	2.25824	490.2703	1442.407	0.283847	0.495861	304.0028	76.34029	0.935136	100	2.5
1946.798	1585.798	340.1728	21.93299	0.261786	2.228418	483.8689	1436.183	0.282711	0.482198	324.4245	84.12158	1.029739	100	2.9
1946.95	1585.95	340.1779	21.95223	0.255834	2.13106	480.7132	1426.338	0.277065	0.459841	363.0699	106.6782	1.304742	100	4
1947.103	1586.103	340.1831	22.01958	0.249703	1.933899	481.1934	1420.948	0.271257	0.471038	355.6329	101.0537	1.232234	100	3.8
1947.255	1586.255	340.1882	22.22143	0.246351	1.79545	482.893	1412.896	0.268094	0.497365	323.6667	83.79974	1.012696	100	2.9
1947.408	1586.408	340.1933	22.4262	0.246651	1.810825	483.6719	1404.07	0.268399	0.512327	302.5988	75.86203	0.90853	100	2.5
1947.56	1586.56	340.1984	22.51048	0.251014	1.869144	483.5011	1399.743	0.272562	0.488467	329.7797	86.4874	1.031972	100	3
1947.712	1586.712	340.2035	22.58656	0.255235	1.86337	482.9875	1397.593	0.276596	0.475599	341.9706	92.58898	1.101124	100	3.2
1947.865	1586.865	340.2087	22.56819	0.258423	1.795867	482.3498	1401.082	0.27965	0.45875	361.007	105.0309	1.250107	100	3.7
1948.017	1587.017	340.2138	22.5623	0.259588	1.723252	481.9663	1404.197	0.280779	0.425764	404.9704	166.54	1.982737	100	6.4
1948.17	1587.17	340.2189	22.51623	0.258136	1.739998	481.9672	1409.436	0.279418	0.426222	406.2174	169.59	2.023141	100	6.7
1948.322	1587.322	340.224	22.48595	0.256323	1.760323	482.6537	1412.402	0.277712	0.431756	400.9349	157.4005	1.880237	100	6.2
1948.474	1587.474	340.2291	22.45764	0.253665	1.833347	483.2707	1413.43	0.275203	0.452983	375.1029	117.9413	1.410642	100	4.4
1948.627	1587.627	340.2343	22.47156	0.255801	1.803883	482.7061	1412.595	0.277256	0.47263	345.1581	94.38555	1.128226	100	3.2
1948.779	1587.779	340.2394	22.38929	0.259052	1.805982	481.4238	1416.885	0.28037	0.494473	310.7168	78.71643	0.944345	100	2.5
1948.932	1587.932	340.2445	22.29985	0.265034	1.711666	480.7769	1422.762	0.286091	0.50798	284.1809	70.07598	0.844021	100	2
1949.084	1588.084	340.2496	22.39037	0.269412	1.619551	481.7333	1427.807	0.290289	0.507038	279.689	68.78036	0.825124	100	1.8
1949.236	1588.236	340.2547	22.28993	0.272443	1.539777	484.1001	1426.493	0.293204	0.488306	301.5159	75.49725	0.909737	100	2.1
1949.389	1588.389	340.2599	22.27042	0.272661	1.515414	486.3237	1434.233	0.293432	0.485577	304.9673	76.67239	0.924706	100	2.1
1949.541	1588.541	340.265	22.14893	0.272754	1.523005	486.8167	1435.729	0.293541	0.497314	288.6204	71.39671	0.865747	100	1.9
1949.694	1588.694	340.2701	22.14562	0.273292	1.506518	485.6742	1437.284	0.294076	0.495833	289.9263	71.79336	0.870695	100	1.9
1949.846	1588.846	340.2752	22.14969	0.271041	1.534362	484.6524	1439.855	0.291946	0.478845	316.3092	80.82199	0.980026	100	2.3
1949.998	1588.998	340.2803	22.15892	0.261355	1.74814	485.0914	1439.856	0.282725	0.475334	333.8775	88.41699	1.071693	100	2.9
1950.151	1589.151	340.2855	22.09413	0.247231	2.056253	486.7814	1445.535	0.269313	0.483665	340.8898	92.00089	1.118373	100	3.4
1950.303	1589.303	340.2906	22.01319	0.243114	2.203826	488.4495	1443.498	0.265427	0.507214	313.756	79.84522	0.974141	100	2.9
1950.456	1589.456	340.2957	22.02614	0.247588	2.190711	489.2505	1444.553	0.269692	0.503375	313.1678	79.62398	0.970889	100	2.9
1950.608	1589.608	340.3008	22.14885	0.256742	2.076806	489.4989	1441.47	0.278414	0.494969	312.7315	79.46072	0.963613	100	2.7
1950.76	1589.76	340.3059	22.12562	0.260211	1.996061	489.468	1437.875	0.281737	0.491064	313.5353	79.76205	0.96828	100	2.6
1950.913	1589.913	340.3111	22.02994	0.263021	1.925216	489.1829	1442.355	0.284434	0.48619	316.5383	80.91096	0.986449	100	2.6
1951.065	1590.065	340.3162	21.85436	0.266345	1.840672	488.3198	1439.312	0.287624	0.47934	321.5902	82.93303	1.019134	100	2.7
1951.218	1590.218	340.3213	21.68095	0.267079	1.824206	486.7487	1434.228	0.288344	0.467596	336.8034	89.86605	1.113072	100	3
1951.37	1590.37	340.3264	21.78884	0.264456	1.852083	484.9995	1435.777	0.285863	0.46461	344.3477	93.91963	1.157601	100	3.2
1951.522	1590.522	340.3315	21.8974	0.261291	1.903131	483.7522	1433.387	0.282865	0.463392	350.1652	97.4141	1.194805	100	3.4
1951.675	1590.675	340.3367	22.08481	0.261231	1.878355	482.8288	1432.604	0.282829	0.453981	363.2022	106.7864	1.298801	100	3.8
1951.827	1590.827	340.3418	22.17403	0.259523	1.902072	481.7657	1430.271	0.281222	0.429889	398.6674	152.7151	1.850061	100	6
1951.98	1590.98	340.3469	22.25893	0.254257	1.953938	480.6614	1428.872	0.276231	0.417516	422.6302	220.7789	2.664586	100	9.4
1952.132	1591.132	340.352	22.41741	0.248036	2.032933	480.7256	1429.174	0.270339	0.44362	394.7369	145.2762	1.741141	100	5.9
1952.284	1591.284	340.3571	22.57787	0.247437	1.964158	482.3681	1431.835	0.26979	0.476955	349.492	96.99108	1.154316	100	3.5
1952.437	1591.437	340.3623	22.62121	0.253758	1.818195	484.3536	1434.934	0.275817	0.49703	313.4721	79.73827	0.947206	100	2.6
1952.589	1591.589	340.3674	22.53204	0.258372	1.730308	485.5007	1437.196	0.280227	0.506736	293.9919	73.05361	0.871192	100	2.2
1952.742	1591.742	340.3725	22.51362	0.262152	1.653672	485.4412	1440.414	0.283848	0.473175	335.3092	89.11824	1.063638	100	2.8

1952.894	1591.894	340.3776	22.54647	0.263225	1.589052	484.9147	1439.918	0.284891	0.436779	384.0954	128.7452	1.534402	100	4.6
1953.046	1592.046	340.3827	22.47546	0.264102	1.577552	484.6614	1438.425	0.285746	0.436925	382.7142	126.9221	1.517401	100	4.5
1953.199	1592.199	340.3879	22.50129	0.263706	1.596562	484.8684	1436.805	0.285389	0.435094	385.7342	130.9947	1.564337	100	4.7
1953.351	1592.351	340.393	22.62805	0.264613	1.588981	485.536	1437.619	0.286275	0.458966	351.5678	98.31243	1.167581	100	3.2
1953.504	1592.504	340.3981	22.6709	0.267191	1.535584	486.1085	1441.299	0.288753	0.501901	288.8976	71.4806	0.84735	100	1.9
1953.656	1592.656	340.4032	22.76529	0.270018	1.517243	486.2902	1442.181	0.291472	0.523681	255.09	62.28346	0.735319	100	1.5
1953.808	1592.808	340.4083	22.85733	0.270522	1.514027	486.5736	1444.872	0.291974	0.50782	276.2848	67.8237	0.797563	100	1.7
1953.961	1592.961	340.4135	22.85741	0.271031	1.4751	487.3428	1449.546	0.292479	0.49317	295.8034	73.62816	0.865827	100	1.9
1954.113	1593.113	340.4186	22.86031	0.272354	1.445247	488.4836	1452.251	0.293764	0.475908	317.8526	81.42583	0.957415	100	2.2
1954.266	1593.266	340.4237	22.9765	0.272636	1.453569	489.4783	1454.656	0.294053	0.487666	301.2278	75.40077	0.882171	100	2
1954.418	1593.418	340.4288	22.83929	0.271574	1.528711	490.3809	1458.368	0.293059	0.491041	297.9432	74.3178	0.874649	100	2
1954.57	1593.57	340.434	22.93431	0.27026	1.578654	491.7472	1461.268	0.291824	0.48096	313.559	79.77099	0.935012	100	2.2
1954.723	1593.723	340.4391	22.97967	0.271115	1.601072	493.9359	1470.968	0.29266	0.460355	340.8386	91.97329	1.075957	100	2.7
1954.875	1593.875	340.4442	23.19914	0.27333	1.557691	496.4485	1471.918	0.294797	0.451862	349.6117	97.06589	1.124985	100	2.9
1955.028	1594.028	340.4493	23.14929	0.276108	1.535515	498.9899	1478.341	0.297473	0.414816	397.0413	149.5372	1.73681	100	5
1955.18	1594.18	340.4544	23.18033	0.276509	1.593669	501.7183	1489.083	0.297876	0.405944	408.728	176.0843	2.042476	100	6.2
1955.332	1594.332	340.4596	23.20772	0.276214	1.70871	504.3964	1497.134	0.297615	0.456411	339.4454	91.23067	1.057007	100	2.6
1955.485	1594.485	340.4647	23.21338	0.274945	1.809725	506.6771	1500.199	0.296421	0.486125	300.0865	75.02102	0.869002	100	2
1955.637	1594.637	340.4698	23.23641	0.275368	1.829393	507.8432	1506.875	0.296846	0.499096	281.6007	69.32698	0.802273	100	1.8
1955.79	1594.79	340.4749	23.26132	0.278101	1.794209	507.32	1503.929	0.299479	0.497123	280.6883	69.06522	0.798412	100	1.7
1955.942	1594.942	340.4801	23.1004	0.280554	1.740153	505.3201	1506.864	0.301848	0.480993	299.68	74.88664	0.871645	100	1.9
1956.094	1595.094	340.4852	23.04394	0.284505	1.677177	503.0247	1504.375	0.305652	0.45636	328.4241	85.87271	1.001937	100	2.3
1956.247	1595.247	340.4903	23.1296	0.286472	1.598474	500.9803	1501.986	0.307558	0.457007	324.9006	84.32535	0.980312	100	2.2
1956.399	1595.399	340.4954	23.23421	0.287659	1.53708	498.9359	1499.991	0.308715	0.50598	255.7208	62.43921	0.722674	100	1.3
1956.552	1595.552	340.5005	23.4091	0.287447	1.526817	496.7105	1493.347	0.308533	0.502261	261.1054	63.78985	0.732896	100	1.3
1956.704	1595.704	340.5057	23.33621	0.28723	1.561243	494.304	1489.062	0.308345	0.505128	257.4078	62.85826	0.724417	100	1.3
1956.856	1595.856	340.5108	23.24067	0.286817	1.633865	492.212	1487.816	0.307968	0.486322	283.8798	69.98788	0.809849	100	1.6
1957.009	1596.009	340.5159	23.14304	0.286151	1.677504	491.0631	1486.12	0.30735	0.45794	323.8995	83.8983	0.974846	100	2.2
1957.161	1596.161	340.521	23.14272	0.282999	1.697248	490.9716	1487.213	0.30435	0.440954	351.4814	98.25643	1.141707	100	2.8
1957.314	1596.314	340.5262	23.14343	0.279858	1.726082	491.4488	1483.801	0.301362	0.450784	342.0395	92.6268	1.076273	100	2.7
1957.466	1596.466	340.5313	23.06993	0.278081	1.766927	491.8051	1479.676	0.299682	0.455644	337.6505	90.2976	1.052507	100	2.6
1957.618	1596.618	340.5364	22.99611	0.278431	1.795979	491.844	1480.811	0.300036	0.478496	305.6253	76.90065	0.899192	100	2.1
1957.771	1596.771	340.5415	22.99214	0.280382	1.729934	492.3624	1481.402	0.301924	0.478094	303.5743	76.19369	0.891087	100	2
1957.923	1596.923	340.5466	22.89406	0.282184	1.647972	494.4018	1490.754	0.303669	0.5037	265.8304	65.00785	0.763482	100	1.5
1958.076	1597.076	340.5518	22.77888	0.287205	1.560119	497.5719	1493.088	0.308501	0.535028	215.93	53.47564	0.631175	100	0.9
1958.228	1597.228	340.5569	22.84244	0.292597	1.518916	500.202	1495.138	0.313695	0.541143	200.3238	50.36431	0.59283	100	0.8
1958.38	1597.38	340.562	22.90735	0.295443	1.506078	499.9296	1497.146	0.316447	0.537347	201.7637	50.64309	0.594456	100	0.7
1958.533	1597.533	340.5671	23.02387	0.290754	1.560378	497.7645	1498.888	0.311965	0.519818	232.1388	56.93197	0.664957	100	1
1958.685	1597.685	340.5722	23.00768	0.28423	1.654552	496.1614	1498.27	0.305729	0.492783	278.0528	68.31792	0.798504	100	1.6
1958.838	1597.838	340.5774	23.11122	0.280944	1.732076	495.5397	1495.695	0.302603	0.437222	359.0419	103.5262	1.204703	100	3.1
1958.99	1597.99	340.5825	23.03786	0.284145	1.691796	495.2165	1491.663	0.305688	0.409367	393.2242	142.6248	1.664898	100	4.7
1959.142	1598.142	340.5876	23.04674	0.289806	1.616478	494.0105	1486.811	0.311137	0.438384	345.6614	94.67813	1.104797	100	2.6
1959.295	1598.295	340.5927	23.14495	0.293075	1.524871	492.3948	1487.501	0.314294	0.465975	303.2291	76.07597	0.884035	100	1.8
1959.447	1598.447	340.5978	23.22189	0.292413	1.455843	491.338	1482.016	0.313678	0.491128	269.3683	65.94131	0.76378	100	1.3
1959.6	1598.6	340.603	23.30836	0.289798	1.392249	491.3037	1479.701	0.311189	0.514949	239.9298	58.68378	0.677248	100	1
1959.752	1598.752	340.6081	23.37745	0.288042	1.367088	491.9873	1480.309	0.309524	0.519526	235.9111	57.7724	0.664802	100	1
1959.904	1598.904	340.6132	23.31174	0.287713	1.403985	492.7343	1482.432	0.309229	0.501366	261.3795	63.85964	0.736892	100	1.3
1960.057	1599.057	340.6183	23.30771	0.289454	1.422607	493.0621	1477.892	0.310919	0.48469	282.0596	69.45922	0.801652	100	1.5
1960.209	1599.209	340.6234	23.15208	0.289916	1.456968	492.9547	1474.501	0.311382	0.48827	276.4794	67.87782	0.788585	100	1.4
1960.362	1599.362	340.6286	23.18503	0.288957	1.463845	492.5362	1472.745	0.310482	0.504249	255.6712	62.42696	0.724253	100	1.2
1960.514	1599.514	340.6337	23.18313	0.286321	1.502196	491.9144	1469.984	0.307975	0.510837	250.0396	61.05439	0.708394	100	1.2
1960.666	1599.666	340.6388	23.1783	0.284121	1.543207	491.2643	1464.524	0.305887	0.520783	239.1964	58.51618	0.679091	100	1.1
1960.819	1599.819	340.6439	23.28217	0.282777	1.573977	490.8394	1459.918	0.304619	0.516076	247.4412	60.43401	0.698281	100	1.2
1960.971	1599.971	340.649	23.45425	0.281265	1.587416	490.624	1457.451	0.303191	0.509568	258.3931	63.10472	0.723892	100	1.3
1961.124	1600.124	340.6542	23.62409	0.280865	1.538323	490.3105	1453.495	0.302828	0.494515	279.6667	68.77401	0.783367	100	1.5
1961.276	1600.276	340.6593	23.79811	0.280865	1.481148	489.5363	1448.49	0.302848	0.489326	286.7992	70.84984	0.801232	100	1.6
1961.428	1600.428	340.6644	23.78636	0.280354	1.426378	488.1682	1445.936	0.302379	0.470074	314.016	79.94346	0.904518	100	1.9
1961.581	1600.581	340.6695	23.6134	0.277377	1.433577	486.6763	1443.925	0.29955	0.4491	346.8631	95.38705	1.087021	100	2.6
1961.733	1600.733	340.6746	23.49691	0.274466	1.449919	485.5941	1442.418	0.296787	0.421005	389.4481	136.4681	1.562763	100	4.4
1961.886	1600.886	340.6798	23.34144	0.271555	1.480306	484.9248	1443.003	0.294024	0.420694	393.6892	143.4279	1.653225	100	4.8
1962.038	1601.038	340.6849	23.42042	0.269465	1.493982	484.5761	1443.479	0.292049	0.453777	350.7608	97.79274	1.123489	100	2.9
1962.19	1601.19	340.69	23.3997	0.26749	1.542165	484.4499	1440.1	0.290183	0.47716	321.0671	82.71807	0.951141	100	2.3
1962.343	1601.343	340.6951	23.37434	0.266207	1.57242	484.441	1440.294	0.28898	0.505477	283.6502	69.92083	0.804857	100	1.8
1962.495	1601.495	340.7002	23.25418	0.269603	1.539757	484.575	1445.235	0.29224	0.524476	252.9314	61.7543	0.714469	100	1.4
1962.648	1601.648	340.7054	23.14599	0.273578	1.475389	485.0267	1448.2	0.296058	0.537458	229.7486	56.40679	0.655607	100	1.1
1962.8	1601.8	340.7105	23.05889	0.277839	1.430281	486.0658	1452.733	0.300152	0.534694	227.9114	56.00688	0.653384	100	1.1
1962.952	1601.952	340.7156	22.98715	0.27758	1.441324	487.6956	1455.617	0.299924	0.522102	245.6043	60.00016	0.702128	100	1.2
1963.105	1602.105	340.7207	23.00021	0.275706	1.457315	489.4524	1454.494	0.298152	0.493376	287.6916	71.11693	0.831762	100	1.7
1963.257	1602.257	340.7258	23.01436	0.274456	1.491472	490.6757	1452.743	0.296977	0.484606	301.416	75.46377	0.882077	100	1.9
1963.41	1602.41	340.731	22.96983	0.276513	1.495274	491.0321	1453.765	0.298964	0.49063	290.36	71.92595	0.842338	100	1.8
1963.562	1602.562	340.7361	22.81547	0.278495	1.530621	490.6866	1453.144	0.30088	0.470235	315.862	80.64893	0.950794	100	2.2
1963.714	1602.714	340.7412	22.75635	0.277174	1.574328	489.7918	1453.417	0.299637	0.459138	332.8912	87.94232	1.039442	100	2.5
1963.867	1602.867	340.7463	22.72836	0.272883	1.627089	488.3189	1454.597	0.295553	0.465542	329.6889	86.44587	1.023006	100	2.5
1964.019	1603.019	340.7514	22.63168	0.269801	1.629861	486.8714	1457.071	0.292629	0.485128	306.6949	77.27475	0.918333	100	2.2
1964.172	1603.172	340.7566	22.50898	0.266492	1.650433	486.2721	1463.444	0.289492	0.482956	314.022	79.94576	0.95519	100	2.4
1964.324	1603.324	340.7617	22.47221	0.256348	1.867847	487.4064	1468.041	0.279847	0.481138	329.8415	86.51571	1.035367	100	2.9
1964.476	1603.476	340.7668	22.45055	0.242629	2.230121	490.3604	1470.163	0.266835	0.474729	356.6424	101.7685	1.219076	100	4
1964.629	1603.629	340.7719	22.43176	0.240266	2.246517	493.7527	1474.227	0.264615	0.469895	366.3755	109.4746	1.312486	100	4.4
1964.781	1603.781	340.777	22.35262	0.244187	2.04285	495.8811	1483.536	0.268352	0.46879	362.744	106.4132	1.280253	100	4.1
1964.934	1603.934	340.7822	22.15936	0.245897	2.083991	496.0724	1497.821	0.269995	0.481008	343.6157	93.50428	1.13464	100	3.5

1965.086	1604.086	340.7873	22.16917	0.240322	2.376213	494.9106	1501.215	0.264728	0.518835	298.6822	74.55883	0.904359	100	2.8
1965.238	1604.238	340.7924	22.32793	0.249009	2.343333	493.4887	1501.832	0.272989	0.526098	277.2609	68.09587	0.820181	100	2.3
1965.391	1604.391	340.7975	22.32316	0.267615	1.927218	492.9209	1506.257	0.290723	0.508519	277.0459	68.03577	0.819639	100	1.9
1965.543	1604.543	340.8026	22.31201	0.281515	1.63654	493.2264	1507.022	0.304031	0.475389	304.401	76.47702	0.921797	100	2
1965.696	1604.696	340.8078	22.27177	0.280152	1.612166	493.7067	1503.841	0.302746	0.483005	295.664	73.58366	0.888515	100	1.9
1965.848	1604.848	340.8129	22.18164	0.273269	1.69941	493.9582	1500.114	0.296183	0.4806	308.0399	77.75057	0.942605	100	2.2
1966	1605	340.818	22.06976	0.268926	1.721183	493.9272	1495.955	0.292055	0.502013	284.1857	70.07739	0.853842	100	2
1966.153	1605.153	340.8231	22.04652	0.265887	1.762498	493.7944	1493.176	0.289175	0.49696	295.1338	73.41482	0.895448	100	2.2
1966.305	1605.305	340.8282	21.95444	0.26427	1.880487	493.8999	1495.08	0.287652	0.50636	284.2636	70.10019	0.858572	100	2.1
1966.458	1605.458	340.8334	21.78722	0.262261	1.97741	494.7484	1491.562	0.285757	0.500421	295.0748	73.39606	0.905769	100	2.3
1966.61	1605.61	340.8385	21.62067	0.261536	1.962393	496.4036	1496.975	0.285086	0.503784	291.3593	72.23309	0.898219	100	2.3
1966.762	1605.762	340.8436	21.53263	0.259893	1.904089	498.3448	1495.049	0.283541	0.494045	306.9316	77.35803	0.965851	100	2.6
1966.915	1605.915	340.8487	21.51732	0.262848	1.846981	500.2665	1503.071	0.286377	0.52748	256.8776	62.72616	0.783727	100	1.8
1967.067	1606.067	340.8539	21.52257	0.266137	1.848248	502.0678	1503.718	0.289532	0.57273	190.0779	48.4267	0.604924	100	1.1
1967.22	1606.22	340.859	21.49858	0.272832	1.785108	503.3199	1508.991	0.295945	0.575427	177.5076	46.15519	0.577193	100	0.9
1967.372	1606.372	340.8641	21.48132	0.276577	1.750626	503.8094	1511.351	0.299545	0.540811	220.3079	54.38547	0.680666	100	1.3
1967.524	1606.524	340.8692	21.4176	0.277195	1.752102	503.5212	1506.818	0.300156	0.508425	264.1585	64.57323	0.810562	100	1.7
1967.677	1606.677	340.8743	21.43797	0.273583	1.823355	502.1785	1499.403	0.296723	0.483848	302.8122	75.93432	0.952288	100	2.3
1967.829	1606.829	340.8795	21.53164	0.269194	1.947532	499.4989	1492.401	0.29255	0.473256	323.1887	83.59826	1.043898	100	2.7
1967.982	1606.982	340.8846	21.65495	0.266599	2.067627	496.0477	1483.517	0.290093	0.493302	298.915	74.63507	0.926734	100	2.4
1968.134	1607.134	340.8897	21.82546	0.264997	2.044803	493.1743	1478.321	0.288585	0.48913	306.7537	77.29542	0.952362	100	2.5
1968.286	1607.286	340.8948	21.8787	0.265313	1.907365	492.1557	1470.62	0.288906	0.492019	302.3232	75.76887	0.931319	100	2.4
1968.439	1607.439	340.9	21.75408	0.266697	1.743907	493.3344	1467.243	0.290247	0.524887	255.1151	62.28965	0.769983	100	1.7
1968.591	1607.591	340.9051	21.74454	0.266748	1.59837	495.2437	1461.282	0.290315	0.54215	231.1983	56.72465	0.701505	100	1.4
1968.744	1607.744	340.9102	21.77835	0.264642	1.557946	495.9495	1462.069	0.288327	0.559987	209.3272	52.13474	0.64376	100	1.2
1968.896	1607.896	340.9153	21.78617	0.260401	1.678715	495.0227	1466.108	0.284304	0.542939	238.4047	58.33591	0.720085	100	1.5
1969.048	1608.048	340.9204	21.88984	0.257825	1.764547	494.128	1479.221	0.281872	0.526231	264.818	64.74419	0.795455	100	1.9
1969.201	1608.201	340.9256	21.98196	0.255721	1.802902	495.4496	1490.717	0.279889	0.506969	294.1353	73.09878	0.894391	100	2.3
1969.353	1608.353	340.9307	22.15819	0.261043	1.707566	498.6894	1499.696	0.284975	0.507397	286.5262	70.76849	0.859087	100	2.1
1969.506	1608.506	340.9358	22.32554	0.271047	1.625551	501.726	1510.657	0.294539	0.525219	248.7347	60.74184	0.731922	100	1.5
1969.658	1608.658	340.9409	22.35787	0.280545	1.556515	503.0954	1515.9	0.303642	0.520734	242.3619	59.24367	0.712859	100	1.3
1969.81	1608.81	340.946	22.32583	0.279621	1.638431	502.5022	1518.197	0.302777	0.490406	285.4076	70.43676	0.848752	100	1.8
1969.963	1608.963	340.9512	22.29165	0.272315	1.790026	500.0926	1517.003	0.29581	0.467161	327.1002	85.28297	1.029214	100	2.6
1970.115	1609.115	340.9563	22.30785	0.265738	1.980877	496.3904	1518.46	0.289552	0.482744	314.2315	80.02511	0.96508	100	2.5
1970.268	1609.268	340.9614	22.32384	0.26237	2.007685	492.123	1517.43	0.28636	0.482419	319.0847	81.91546	0.98719	100	2.7
1970.42	1609.42	340.9665	22.21395	0.247735	2.204192	488.951	1514.391	0.272458	0.450584	382.2015	126.2617	1.529069	100	5.1
1970.572	1609.572	340.9716	22.03749	0.222889	2.652105	488.6788	1507.929	0.248972	0.432699	439.294	269.8158	3.293429	100	13.9
1970.725	1609.725	340.9768	22.07208	0.20327	3.164821	491.2484	1494.361	0.230552	0.449088	442.0972	277.664	3.38402	100	15.9
1970.877	1609.877	340.9819	22.11102	0.210354	2.976996	494.6566	1492.611	0.237216	0.484001	384.7194	129.5905	1.57665	100	6.6
1971.03	1610.03	340.987	22.10004	0.238667	2.355849	496.115	1490.425	0.26394	0.508074	314.6215	80.17333	0.975911	100	3.1
1971.182	1610.182	340.9921	22.08861	0.261821	2.005685	494.731	1490.495	0.285957	0.510686	280.6324	69.04923	0.840943	100	2.1
1971.334	1610.334	340.9972	22.09748	0.270976	1.871473	492.2832	1487.377	0.294711	0.503338	278.6925	68.49814	0.83391	100	1.9
1971.487	1610.487	341.0024	22.01207	0.270502	1.84943	490.7183	1484.274	0.294278	0.494799	291.0737	72.14509	0.881686	100	2.1
1971.639	1610.639	341.0075	21.92637	0.270552	1.75664	490.6331	1481.8	0.294345	0.484113	305.7277	76.9363	0.943882	100	2.3
1971.792	1610.792	341.0126	22.00519	0.268537	1.687109	491.2753	1478.078	0.292442	0.455932	347.2436	95.61461	1.168895	100	3.1
1971.944	1610.944	341.0177	22.08669	0.264981	1.680873	491.8126	1477.646	0.289069	0.456456	351.1756	98.0589	1.194421	100	3.3
1972.096	1611.096	341.0228	22.16239	0.265481	1.694128	492.4326	1471.157	0.289565	0.465039	338.6466	90.81222	1.102433	100	2.9
1972.249	1611.249	341.028	22.16326	0.268185	1.716335	493.4017	1471.238	0.292165	0.501895	284.1969	70.08067	0.850735	100	2
1972.401	1611.401	341.0331	22.15397	0.269876	1.688016	494.6218	1476.042	0.2938	0.518675	258.7853	63.20318	0.767573	100	1.6
1972.554	1611.554	341.0382	22.16366	0.2679	1.703231	495.4005	1477.211	0.291934	0.527778	248.7974	60.75684	0.737554	100	1.5
1972.706	1611.706	341.0433	22.07872	0.266648	1.740444	495.3726	1479.129	0.290759	0.507906	277.8424	68.25883	0.831782	100	1.9
1972.858	1611.858	341.0484	22.06915	0.267013	1.791115	495.0621	1481.221	0.291127	0.50882	276.074	67.76512	0.826129	100	1.9
1973.011	1612.011	341.0536	21.98688	0.268151	1.785681	495.0786	1484.335	0.292232	0.513671	267.8537	65.53938	0.801959	100	1.8
1973.163	1612.163	341.0587	21.90697	0.268759	1.75093	495.438	1486.939	0.292833	0.51787	261.2307	63.82175	0.783766	100	1.7
1973.316	1612.316	341.0638	21.89621	0.269	1.721094	495.8197	1490.728	0.293083	0.516763	262.4133	64.12385	0.787868	100	1.7
1973.468	1612.468	341.0689	21.88695	0.271301	1.694549	496.1031	1492.311	0.2953	0.518363	257.1446	62.79264	0.771844	100	1.6
1973.62	1612.62	341.074	21.90936	0.274357	1.65322	496.4689	1502.471	0.29824	0.495909	284.0741	70.04471	0.860125	100	1.9
1973.773	1612.773	341.0792	21.94212	0.275414	1.60224	497.0666	1505.876	0.29927	0.499634	277.5126	68.16633	0.835834	100	1.8
1973.925	1612.925	341.0843	21.94348	0.272463	1.627009	497.8421	1504.543	0.296469	0.517789	256.3241	62.58865	0.767404	100	1.6
1974.078	1613.078	341.0894	21.90774	0.268472	1.723701	498.6684	1510.039	0.292678	0.557149	207.2392	51.71829	0.635152	100	1.2
1974.23	1613.23	341.0945	21.88581	0.267859	1.801394	499.6122	1510.573	0.292113	0.566238	195.4758	49.43754	0.607751	100	1.1
1974.382	1613.382	341.0996	21.92877	0.26735	1.822274	500.5147	1510.902	0.291647	0.582993	172.9968	45.36713	0.556638	100	0.9
1974.535	1613.535	341.1048	21.85048	0.267465	1.880874	500.7345	1505.228	0.291777	0.582009	174.1744	45.57151	0.561133	100	0.9
1974.687	1613.687	341.1099	21.77457	0.266608	1.95956	499.6013	1502.609	0.290979	0.578966	179.4766	46.50359	0.574591	100	1
1974.84	1613.84	341.115	21.60597	0.268996	1.969625	497.3029	1495.884	0.293278	0.557048	206.5514	51.5819	0.642267	100	1.3
1974.992	1613.992	341.1201	21.60274	0.268522	1.93148	495.2743	1495.599	0.292845	0.52045	257.6518	62.91917	0.783557	100	1.8
1975.144	1614.144	341.1252	21.54344	0.263654	1.892884	495.1544	1493.322	0.288221	0.485266	312.5881	79.40723	0.991596	100	2.6
1975.297	1614.297	341.1304	21.49236	0.255698	1.864948	497.3524	1498.363	0.280664	0.477061	334.3392	88.64154	1.109527	100	3.2
1975.449	1614.449	341.1355	21.49955	0.254675	1.760843	500.5096	1498.218	0.279711	0.491959	315.0964	80.35463	1.005479	100	2.7
1975.602	1614.602	341.1406	21.48601	0.260745	1.708995	502.9493	1501.516	0.285509	0.528515	256.6467	62.66876	0.784674	100	1.8
1975.754	1614.754	341.1457	21.49651	0.269117	1.6955	504.0041	1508.882	0.293513	0.519552	257.9693	62.99855	0.788431	100	1.7
1975.906	1614.906	341.1508	21.53432	0.273238	1.739575	503.9922	1516.042	0.297469	0.497422	283.0512	69.74643	0.871374	100	2
1976.059	1615.059	341.156	21.52346	0.274285	1.784699	503.7545	1520.778	0.298489	0.466341	324.5346	84.1686	1.052095	100	2.6
1976.211	1615.211	341.1611	21.48656	0.270469	1.867536	503.8789	1526.008	0.294863	0.488663	298.7345	74.57594	0.933784	100	2.3
1976.364	1615.364	341.1662	21.5186	0.264341	1.988383	504.2386	1535.276	0.289035	0.495686	297.0842	74.03948	0.925711	100	2.4
1976.516	1615.516	341.1713	21.54741	0.260449	2.102275	504.2582	1542.58	0.285347	0.507688	285.612	70.49718	0.880266	100	2.3
1976.668	1615.668	341.1764	21.5784	0.262169	2.184307	503.7222	1546.203	0.287005	0.510827	278.9924	68.58288	0.855155	100	2.2
1976.821	1615.821	341.1816	21.61236	0.268964	2.089174	503.0527	1543.598	0.293506	0.512658	267.4942	65.44449	0.814763	100	1.9
1976.973	1615.973	341.1867	21.64727	0.274234	1.973567	503.0217	1551.117	0.29856	0.490248	291.445	72.25953	0.898183	100	2.1
1977.126	1616.126	341.1918	21.57238	0.278016	1.861876	503.9877	1554.371	0.302197	0.477465	304.0662	76.36201	0.95245	100	2.3

1977.278	1616.278	341.1969	21.63706	0.278486	1.818691	505.4554	1561.095	0.302667	0.479322	300.8559	75.2766	0.936144	100	2.2
1977.43	1616.43	341.202	21.56347	0.270876	1.978845	506.9869	1566.354	0.295411	0.497769	285.4122	70.43811	0.878942	100	2.1
1977.583	1616.583	341.2072	21.57541	0.262568	2.209907	508.2258	1568.913	0.287504	0.50229	290.0833	71.84132	0.895972	100	2.4
1977.735	1616.735	341.2123	21.58814	0.259284	2.390661	508.9156	1572.701	0.284395	0.513747	278.5645	68.46201	0.853338	100	2.3
1977.888	1616.888	341.2174	21.58416	0.265075	2.347615	509.2847	1577.108	0.289934	0.517027	266.3938	65.15526	0.812279	100	2
1978.04	1617.04	341.2225	21.51133	0.270813	2.283195	509.6505	1577.66	0.29543	0.52461	248.3441	60.64869	0.758641	100	1.8
1978.192	1617.192	341.2277	21.66158	0.273255	2.244457	510.2323	1582.729	0.297784	0.508169	267.7846	65.52112	0.81397	100	1.9
1978.345	1617.345	341.2328	21.80921	0.275836	2.153396	510.9125	1598.22	0.300271	0.491506	287.3482	71.01393	0.876309	100	2.1
1978.497	1617.497	341.2379	21.97399	0.280651	2.04802	511.4592	1604.519	0.304897	0.491626	280.7978	69.09657	0.846335	100	1.9
1978.65	1617.65	341.243	22.02988	0.283426	1.968991	511.8663	1608.861	0.307575	0.509236	252.8012	61.72258	0.754128	100	1.5
1978.802	1617.802	341.2481	21.8811	0.283103	1.974547	512.1497	1611.485	0.307285	0.536512	215.5607	53.39966	0.656831	100	1.2
1978.954	1617.954	341.2533	21.79905	0.280506	2.072785	512.017	1603.895	0.304818	0.530711	226.9694	55.80308	0.688958	100	1.4
1979.107	1618.107	341.2584	21.82354	0.278298	2.189347	511.0807	1592.057	0.302725	0.539752	217.3811	53.77533	0.663193	100	1.3
1979.259	1618.259	341.2635	21.85248	0.277524	2.310642	509.3792	1585.905	0.302004	0.531508	229.753	56.40775	0.694755	100	1.5
1979.412	1618.412	341.2686	21.9253	0.276478	2.329806	507.4396	1579.644	0.301024	0.550844	204.4229	51.16225	0.628086	100	1.2
1979.564	1618.564	341.2738	21.98099	0.276745	2.212857	506.0777	1572.018	0.301299	0.528202	235.2896	57.63294	0.705758	100	1.5
1979.716	1618.716	341.2789	21.86811	0.276651	1.993088	505.5131	1566.253	0.301229	0.522201	243.6673	59.54683	0.732926	100	1.5
1979.869	1618.869	341.284	21.82718	0.277874	1.845035	505.3264	1554.228	0.302419	0.5077	262.0367	64.02744	0.789546	100	1.7
1980.021	1619.021	341.2891	21.77985	0.277919	1.776545	505.0031	1536.021	0.302481	0.516242	250.1623	61.08388	0.754876	100	1.5
1980.174	1619.174	341.2942	21.86607	0.278155	1.758076	504.0733	1524.694	0.302727	0.51255	254.9182	62.24113	0.766186	100	1.6
1980.326	1619.326	341.2994	21.8917	0.278471	1.761294	502.4543	1514.315	0.303049	0.514923	251.1992	61.33384	0.754152	100	1.5
1980.478	1619.478	341.3045	21.93931	0.279355	1.768693	500.8163	1508.61	0.303915	0.503481	265.7943	64.99845	0.797506	100	1.7
1980.631	1619.631	341.3096	21.94977	0.283538	1.699337	499.9689	1507.981	0.30794	0.496628	269.6966	66.02891	0.809777	100	1.6
1980.783	1619.783	341.3147	21.92606	0.289885	1.565937	500.0076	1508.832	0.314045	0.496377	261.6183	63.92055	0.784768	100	1.4
1980.936	1619.936	341.3198	21.9236	0.295369	1.427362	500.6244	1510.653	0.319329	0.496621	253.9882	62.01264	0.761437	100	1.3
1981.088	1620.088	341.325	22.00527	0.299207	1.362845	501.6348	1513.265	0.323038	0.486907	262.2763	64.08875	0.784051	100	1.3
1981.24	1620.24	341.3301	22.05861	0.298839	1.384232	502.9692	1518.815	0.322704	0.47418	280.2994	68.95414	0.841567	100	1.5
1981.393	1620.393	341.3352	22.10921	0.296868	1.439948	504.383	1525.161	0.32083	0.498816	248.8889	60.77869	0.740119	100	1.2
1981.545	1620.545	341.3403	22.18427	0.290629	1.566076	505.6538	1532.048	0.314858	0.530792	213.0031	52.87668	0.641749	100	1
1981.698	1620.698	341.3455	22.23815	0.285145	1.688795	506.9597	1543.116	0.309619	0.531287	219.5503	54.22681	0.656568	100	1.1
1981.85	1620.85	341.3506	22.29445	0.285282	1.770209	508.5068	1551.459	0.30977	0.518769	236.6173	57.93133	0.69968	100	1.3
1982.002	1621.002	341.3557	22.35169	0.290631	1.738729	509.981	1560.803	0.314919	0.519765	228.1364	56.05567	0.675322	100	1.1
1982.155	1621.155	341.3608	22.41017	0.298402	1.620276	510.747	1565.225	0.322403	0.523979	211.993	52.67166	0.632927	100	0.9
1982.307	1621.307	341.3659	22.46851	0.3014	1.552555	510.7379	1567.009	0.325306	0.522045	210.6562	52.40166	0.628076	100	0.8
1982.46	1621.46	341.3711	22.55121	0.297048	1.626596	510.6815	1565.365	0.321141	0.543535	186.7468	47.8137	0.571019	100	0.7
1982.612	1621.612	341.3762	22.48847	0.290753	1.771552	510.8535	1566.391	0.315116	0.558243	174.7658	45.67453	0.546979	100	0.7
1982.764	1621.764	341.3813	22.56992	0.286129	1.869967	510.6763	1567.501	0.310701	0.550856	191.0515	48.60741	0.580037	100	0.9
1982.917	1621.917	341.3864	22.6008	0.284289	1.880324	509.6924	1560.678	0.308956	0.528658	224.0919	55.1857	0.657656	100	1.2
1983.069	1622.069	341.3915	22.60754	0.28009	1.918746	508.1624	1559.991	0.304955	0.520839	240.4036	58.79234	0.700439	100	1.4
1983.222	1622.222	341.3967	22.68789	0.272443	2.039918	506.5371	1552.15	0.297662	0.511647	263.1536	64.31393	0.763555	100	1.7
1983.374	1622.374	341.4018	22.76426	0.267464	2.117197	504.81	1542.216	0.292928	0.520002	258.1563	63.04537	0.746027	100	1.7
1983.526	1622.526	341.4069	22.69292	0.267933	2.121233	503.4769	1541.746	0.293395	0.533793	238.4818	58.35344	0.692655	100	1.5
1983.679	1622.679	341.412	22.61852	0.274819	2.037965	503.1411	1542.817	0.299992	0.539983	220.8345	54.49606	0.648973	100	1.3
1983.831	1622.831	341.4171	22.54218	0.282658	1.901549	503.6813	1539.51	0.307513	0.509691	252.2593	61.59073	0.73592	100	1.5
1983.984	1622.984	341.4223	22.46631	0.28845	1.774166	504.6856	1536.068	0.313084	0.483478	280.7444	69.08128	0.828181	100	1.7
1984.136	1623.136	341.4274	22.52883	0.291526	1.737694	505.5499	1536.224	0.316056	0.494934	260.8344	63.72094	0.761836	100	1.4
1984.288	1623.288	341.4325	22.59755	0.292442	1.725227	506.1857	1538.023	0.316955	0.506183	244.0696	59.64063	0.710921	100	1.2
1984.441	1623.441	341.4376	22.64732	0.291616	1.7666	506.7483	1540.429	0.316182	0.514499	233.6609	57.26936	0.681184	100	1.2
1984.593	1623.593	341.4427	22.69704	0.292111	1.713689	507.0728	1538.017	0.316677	0.519082	226.6537	55.73496	0.661509	100	1.1
1984.746	1623.746	341.4479	22.6994	0.293862	1.592836	506.7812	1531.486	0.318377	0.526794	213.6635	53.01117	0.629123	100	0.9
1984.898	1623.898	341.453	22.65426	0.2894	1.586431	505.8387	1525.4	0.314115	0.539299	202.2895	50.7453	0.603423	100	0.8
1985.05	1624.05	341.4581	22.63582	0.277379	1.771999	504.5341	1511.158	0.302619	0.540391	216.6458	53.62325	0.638165	100	1.1
1985.203	1624.203	341.4632	22.59733	0.269361	1.913503	503.1947	1499.763	0.294976	0.546315	219.0184	54.11573	0.645115	100	1.3
1985.355	1624.355	341.4683	22.55827	0.27277	1.798223	501.9471	1501.465	0.298251	0.536111	228.5802	56.15207	0.670542	100	1.3
1985.508	1624.508	341.4735	22.56061	0.281757	1.591224	500.8997	1511.675	0.306868	0.527761	228.2124	56.07217	0.669527	100	1.1
1985.66	1624.66	341.4786	22.61107	0.282207	1.536098	500.6781	1517.52	0.307319	0.516301	243.4047	59.48569	0.70873	100	1.3
1985.812	1624.812	341.4837	22.66602	0.276327	1.647811	501.7934	1527.428	0.301711	0.509361	260.7204	63.69198	0.757039	100	1.5
1985.965	1624.965	341.4888	22.75338	0.270804	1.798182	504.071	1543.575	0.296452	0.522153	250.3252	61.12308	0.723763	100	1.5
1986.117	1625.117	341.4939	22.84631	0.271418	1.880842	505.9705	1551.757	0.297058	0.552122	208.1309	51.89571	0.612045	100	1.1
1986.27	1625.27	341.4991	22.90017	0.279563	1.801413	505.9521	1556.393	0.304867	0.561049	185.0359	47.50199	0.558934	100	0.8
1986.422	1625.422	341.5042	22.86542	0.285289	1.815688	504.2695	1558.605	0.31037	0.551694	190.3506	48.47725	0.57127	100	0.8
1986.574	1625.574	341.5093	22.95942	0.286883	1.844445	502.9904	1560.393	0.311918	0.527021	222.2634	54.79738	0.643151	100	1.1
1986.727	1625.727	341.5144	22.89401	0.283235	1.842845	503.6832	1559.469	0.308442	0.528343	225.2364	55.43034	0.652419	100	1.1
1986.879	1625.879	341.5195	22.82597	0.283544	1.725994	505.6146	1558.914	0.308758	0.538964	210.1443	52.29868	0.617374	100	1
1987.032	1626.032	341.5247	22.75982	0.28689	1.627676	507.257	1555.297	0.311984	0.5399	204.3994	51.15765	0.605642	100	0.9
1987.184	1626.184	341.5298	22.69986	0.288598	1.684455	507.6388	1546.144	0.313642	0.52663	220.4246	54.40997	0.64583	100	1
1987.336	1626.336	341.5349	22.64234	0.28397	1.806661	506.6137	1538.317	0.309226	0.509983	249.4921	60.92302	0.724959	100	1.4
1987.489	1626.489	341.54	22.73376	0.275064	1.913296	504.8929	1531.168	0.300721	0.507212	265.0527	64.80519	0.768105	100	1.7
1987.641	1626.641	341.5451	22.82204	0.268714	1.939939	503.4105	1530.785	0.294674	0.491389	295.2329	73.44632	0.867215	100	2.1
1987.794	1626.794	341.5503	22.90932	0.269311	1.903596	502.6236	1530.427	0.295264	0.485984	301.8782	75.61889	0.889525	100	2.2
1987.946	1626.946	341.5554	22.86266	0.273409	1.860221	502.5416	1527.062	0.299198	0.531923	233.0536	57.13446	0.673447	100	1.3
1988.098	1627.098	341.5605	22.79239	0.278162	1.773084	502.9169	1527.632	0.303763	0.541721	213.2317	52.92318	0.625712	100	1.1
1988.251	1627.251	341.5656	22.77172	0.28183	1.662986	503.6066	1527.642	0.307294	0.548254	199.3446	50.17565	0.593765	100	0.9
1988.403	1627.403	341.5707	22.77174	0.285738	1.609704	504.4328	1528.558	0.311058	0.534063	213.733	53.02536	0.627495	100	1
1988.556	1627.556	341.5759	22.70445	0.287658	1.590563	505.3068	1531.33	0.312918	0.53706	207.0308	51.67693	0.613332	100	0.9
1988.708	1627.708	341.581	22.63728	0.290509	1.558806	505.9806	1533.872	0.315673	0.52871	214.7512	53.23352	0.633663	100	0.9
1988.86	1627.86	341.5861	22.56021	0.293429	1.499526	506.3559	1540.671	0.318496	0.551001	180.0951	46.61359	0.556739	100	0.6
1989.013	1628.013	341.5912	22.48437	0.295158	1.448209	506.5883	1548.319	0.320175	0.553167	174.7882	45.67843	0.547392	100	0.6
1989.165	1628.165	341.5963	22.40594	0.294343	1.429792	506.7317	1553.772	0.319413	0.569524	153.2671	42.07861	0.506002	100	0.4
1989.318	1628.318	341.6015	22.3287	0.28943	1.473418	506.7039	1553.882	0.314716	0.561212	171.2188	45.06031	0.543715	100	0.6

1989.47	1628.47	341.6066	22.2444	0.286566	1.493585	506.5138	1555.802	0.31199	0.546108	195.825	49.5037	0.599573	100	0.8
1989.622	1628.622	341.6117	22.2467	0.288257	1.49966	506.1429	1561.398	0.313631	0.532601	212.2004	52.71368	0.638394	100	0.9
1989.775	1628.775	341.6168	22.249	0.294406	1.415353	505.3114	1562.771	0.319552	0.531135	206.0522	51.48316	0.623435	100	0.8
1989.927	1628.927	341.6219	22.25131	0.296775	1.381603	503.8702	1560.016	0.321847	0.536629	195.3024	49.40474	0.598212	100	0.7
1990.08	1629.08	341.6271	22.25361	0.290748	1.408545	502.248	1559.528	0.31608	0.566168	162.4979	43.58583	0.527707	100	0.5
1990.232	1629.232	341.6322	22.28604	0.283709	1.496913	501.0386	1559.897	0.30935	0.611327	109.4659	35.61334	0.430567	100	0.2
1990.384	1629.384	341.6373	22.3124	0.281154	1.525981	500.4137	1558.575	0.306923	0.597402	132.0312	38.80837	0.468653	100	0.4
1990.537	1629.537	341.6424	22.31287	0.283352	1.532237	500.2397	1549.76	0.309048	0.560666	179.7951	46.5602	0.562259	100	0.7
1990.689	1629.689	341.6476	22.31595	0.284096	1.556265	500.3196	1545.207	0.30978	0.507886	251.6206	61.4358	0.741804	100	1.4
1990.842	1629.842	341.6527	22.2322	0.282609	1.640921	500.6409	1538.795	0.308376	0.500521	263.722	64.46043	0.78123	100	1.5
1990.994	1629.994	341.6578	22.14804	0.279281	1.726982	501.2321	1541.24	0.305208	0.483319	291.8319	72.37917	0.880506	100	2
1991.146	1630.146	341.6629	22.06944	0.275502	1.793563	501.9537	1547.495	0.301614	0.462572	325.4236	84.55062	1.032208	100	2.6
1991.299	1630.299	341.668	22.0191	0.275403	1.777913	502.6115	1529.537	0.301538	0.479299	302.4441	75.80971	0.9276	100	2.2
1991.451	1630.451	341.6732	21.96964	0.276533	1.760433	503.2377	1529.067	0.302639	0.491979	283.4283	69.85613	0.856666	100	1.9
1991.604	1630.604	341.6783	21.95171	0.27747	1.726421	503.9688	1528.331	0.303555	0.507757	260.3897	63.6081	0.780684	100	1.6
1991.756	1630.756	341.6834	21.9282	0.274635	1.74702	504.7949	1529.165	0.300863	0.505107	267.762	65.51514	0.804953	100	1.7
1991.908	1630.908	341.6885	21.75738	0.264954	1.92003	505.6689	1532.516	0.291639	0.506216	278.9607	68.5739	0.84909	100	2.1
1992.061	1631.061	341.6936	21.73643	0.258166	2.088233	506.33	1534.11	0.285191	0.49808	299.0853	74.69093	0.925726	100	2.5
1992.213	1631.213	341.6988	21.71594	0.256933	2.169849	506.629	1536.853	0.284037	0.503568	293.1054	72.77543	0.902838	100	2.4
1992.366	1631.366	341.7039	21.69401	0.269289	1.932384	506.7313	1541.824	0.295835	0.53256	236.8149	57.9759	0.719966	100	1.5
1992.518	1631.518	341.709	21.67245	0.27988	1.726981	506.7477	1549.135	0.305979	0.549683	199.1871	50.14538	0.623345	100	1
1992.67	1631.67	341.7141	21.65338	0.283433	1.661848	506.7642	1551.789	0.309401	0.546131	199.3661	50.17979	0.624324	100	1
1992.823	1631.823	341.7193	21.49449	0.280841	1.670448	506.7807	1557.282	0.306939	0.541257	209.4903	52.16742	0.653815	100	1.1
1992.975	1631.975	341.7244	21.33915	0.27928	1.652539	506.797	1564.688	0.305464	0.521846	238.3121	58.31486	0.736144	100	1.4
1993.128	1632.128	341.7295	21.2672	0.277711	1.692756	506.8293	1569.189	0.303983	0.49617	275.7887	67.68601	0.857319	100	1.9
1993.28	1632.28	341.7346	21.35359	0.273555	1.85593	507.0013	1581.61	0.300028	0.499966	276.0084	67.74693	0.854658	100	2
1993.432	1632.432	341.7397	21.42385	0.268605	2.116575	507.6371	1588.571	0.29532	0.481611	307.8356	77.67791	0.976767	100	2.5
1993.585	1632.585	341.7449	21.49573	0.267877	2.301832	508.9015	1595.726	0.294645	0.460318	338.1512	90.55528	1.134933	100	3.2
1993.737	1632.737	341.75	21.57335	0.27305	2.222888	510.3915	1608.911	0.299605	0.46862	319.8499	82.22307	1.026844	100	2.7
1993.89	1632.89	341.7551	21.64594	0.277745	2.064835	511.2717	1612.537	0.304114	0.517815	245.7389	60.03184	0.747227	100	1.6
1994.042	1633.042	341.7602	21.64427	0.278486	1.973007	511.4438	1605.199	0.304842	0.53	227.9179	56.00828	0.697206	100	1.4
1994.194	1633.194	341.7653	21.83013	0.272809	2.064273	511.9875	1601.351	0.299434	0.521535	247.0633	60.34445	0.74486	100	1.6
1994.347	1633.347	341.7705	21.90829	0.269065	2.166483	512.5278	1595.762	0.295878	0.514031	262.327	64.10172	0.788453	100	1.9
1994.499	1633.499	341.7756	21.91577	0.267142	2.250142	512.2109	1587.913	0.294062	0.499004	285.5691	70.48448	0.866679	100	2.2
1994.652	1633.652	341.7807	22.07939	0.264992	2.2969	511.3	1579.035	0.29203	0.502643	283.3508	69.83358	0.852391	100	2.2
1994.804	1633.804	341.7858	22.17323	0.262775	2.292356	509.6142	1568.805	0.289936	0.508597	278.0246	68.31	0.830315	100	2.1
1994.956	1633.956	341.7909	22.1031	0.262898	2.251932	506.4043	1555.365	0.290073	0.543224	230.0512	56.47298	0.688596	100	1.6
1995.109	1634.109	341.7961	22.037	0.268931	2.108289	501.635	1538.808	0.295848	0.55068	211.7925	52.63106	0.643661	100	1.3
1995.261	1634.261	341.8012	22.03927	0.273636	2.046564	496.3131	1521.688	0.300362	0.549001	207.8798	51.84567	0.633999	100	1.2
1995.414	1634.414	341.8063	22.04154	0.275428	1.9416	491.4771	1502.331	0.302094	0.528069	234.3755	57.42855	0.702206	100	1.4
1995.566	1634.566	341.8114	22.09342	0.274496	1.681244	487.7177	1480.522	0.301223	0.525061	239.7288	58.63778	0.715336	100	1.4
1995.718	1634.718	341.8165	22.14701	0.273086	1.529178	484.5904	1473.413	0.299895	0.510793	261.2511	63.82695	0.776786	100	1.6
1995.871	1634.871	341.8217	22.22589	0.270425	1.519983	481.9041	1461.495	0.297372	0.479471	307.9564	77.72085	0.94257	100	2.2
1996.023	1635.023	341.8268	22.30919	0.264761	1.571164	480.3803	1447.042	0.291987	0.460469	341.6113	92.39231	1.116378	100	3
1996.176	1635.176	341.8319	22.39785	0.257187	1.611249	480.4446	1439.632	0.284791	0.467829	341.3855	92.26933	1.110545	100	3.1
1996.328	1635.328	341.837	22.4876	0.25235	1.593929	481.9407	1436.55	0.28021	0.507352	293.1651	72.79412	0.8727	100	2.2
1996.48	1635.48	341.8421	22.57235	0.254061	1.544514	484.1961	1437.644	0.281856	0.521332	271.6013	66.54046	0.79478	100	1.9
1996.633	1635.633	341.8473	22.59531	0.259714	1.496533	486.2861	1447.312	0.287256	0.519846	266.1988	65.10419	0.776854	100	1.7
1996.785	1635.785	341.8524	22.6094	0.263597	1.514467	487.6491	1458.43	0.290975	0.486162	307.5503	77.57663	0.925122	100	2.2
1996.938	1635.938	341.8575	22.59998	0.262342	1.595907	488.6342	1460.941	0.289798	0.465904	337.1312	90.03242	1.074115	100	2.9
1997.09	1636.09	341.8626	22.58979	0.257428	1.691106	489.9652	1467.258	0.285138	0.432712	389.3676	136.3435	1.627364	100	5.1
1997.242	1636.242	341.8677	22.61024	0.255109	1.725567	491.8871	1473.657	0.282951	0.461771	352.2839	98.78013	1.177977	100	3.4
1997.395	1636.395	341.8729	22.62821	0.255217	1.714992	493.5549	1475.146	0.283073	0.472969	336.6622	89.79467	1.069997	100	3
1997.547	1636.547	341.878	22.64565	0.259136	1.681104	494.4541	1474.557	0.286823	0.502052	291.3524	72.23096	0.860063	100	2.1
1997.7	1636.7	341.8831	22.66234	0.262592	1.699822	495.347	1473.92	0.290135	0.508163	278.3486	68.40117	0.813879	100	1.9
1997.852	1636.852	341.8882	22.67378	0.268771	1.650243	497.218	1469.956	0.296049	0.508212	270.1193	66.14193	0.786614	100	1.7
1998.004	1637.004	341.8933	22.78162	0.275456	1.583426	500.6516	1466.594	0.302455	0.499626	273.1286	66.9549	0.792573	100	1.6
1998.157	1637.157	341.8985	22.96269	0.284	1.447108	504.6724	1463.534	0.310653	0.521327	231.8684	56.87229	0.667994	100	1.1
1998.309	1637.309	341.9036	22.97254	0.29383	1.294955	507.9693	1468.935	0.320101	0.540917	191.7952	48.74592	0.57231	100	0.6
1998.462	1637.462	341.9087	22.89027	0.301924	1.162923	510.2691	1475.579	0.327901	0.535195	188.9288	48.21432	0.568081	100	0.5
1998.614	1637.614	341.9138	22.76574	0.30791	1.076661	511.9336	1489.929	0.333683	0.501478	227.4781	55.91303	0.662352	100	0.7
1998.766	1637.766	341.9189	22.76808	0.310681	1.042579	512.8361	1498.334	0.336373	0.509694	212.4278	52.75981	0.624942	100	0.6
1998.919	1637.919	341.9241	22.71227	0.311235	1.026262	512.5793	1505.724	0.336927	0.537711	173.0004	45.36775	0.538692	100	0.3
1999.071	1638.071	341.9292	22.63414	0.306736	1.06606	511.0525	1511.362	0.332611	0.553322	157.4123	42.74879	0.509329	100	0.2
1999.224	1638.224	341.9343	22.66197	0.297767	1.196672	508.195	1517.564	0.324002	0.542007	184.9076	47.47869	0.565005	100	0.5
1999.376	1638.376	341.9394	22.76791	0.289508	1.379985	504.1084	1517.775	0.316091	0.535491	204.817	51.23968	0.606969	100	0.8
1999.528	1638.528	341.9445	22.7546	0.284117	1.554385	499.2311	1516.688	0.310942	0.523918	227.8936	56.00302	0.663784	100	1.1
1999.681	1638.681	341.9497	22.69331	0.27924	1.63927	495.2112	1515.935	0.306291	0.522448	236.3406	57.869	0.687737	100	1.2
1999.833	1638.833	341.9548	22.78027	0.273289	1.663257	493.5032	1510.687	0.300619	0.498815	276.7814	67.96194	0.804652	100	1.7
1999.986	1638.986	341.9599	22.65604	0.268801	1.656939	494.1358	1503.518	0.296352	0.488508	296.8932	73.97787	0.880628	100	2.1
2000.138	1639.138	341.965	22.60933	0.266114	1.617197	496.0894	1493.082	0.293808	0.486175	303.6236	76.21051	0.909066	100	2.2
2000.29	1639.29	341.9701	22.59972	0.265525	1.608948	498.44	1493.366	0.293266	0.495936	290.9012	72.09202	0.86031	100	2
2000.443	1639.443	341.9753	22.58741	0.266514	1.62603	500.2887	1496.909	0.294229	0.487224	301.5943	75.52354	0.901755	100	2.2
2000.595	1639.595	341.9804	22.5038	0.271824	1.598866	501.3974	1498.296	0.299317	0.473811	313.0832	79.59227	0.953833	100	2.3
2000.748	1639.748	341.9855	22.42253	0.27879	1.538519	502.3223	1501.628	0.305998	0.46972	309.5093	78.27758	0.941447	100	2.1
2000.9	1639.9	341.9906	22.34746	0.281217	1.54694	503.0594	1506.192	0.30834	0.493684	273.2063	66.97609	0.808207	100	1.6
2001.052	1640.052	341.9957	22.27725	0.276677	1.662026	503.0854	1505.108	0.304015	0.517929	245.717	60.02668	0.726612	100	1.4
2001.205	1640.205	342.0009	22.20705	0.270162	1.84282	502.3968	1503.298	0.297809	0.524253	245.5551	59.98861	0.728429	100	1.5
2001.357	1640.357	342.006	22.1388	0.26939	1.901849	502.41	1499.381	0.297091	0.540403	224.2584	55.22123	0.672591	100	1.4
2001.51	1640.51	342.0111	22.06266	0.273414	1.788675	503.2744	1495.351	0.300955	0.535604	225.5498	55.49754	0.678272	100	1.3

2001.662	1640.662	342.0162	22.06493	0.276979	1.664302	503.1987	1491.366	0.304383	0.505404	262.4939	64.14451	0.783882	100	1.6
2001.814	1640.814	342.0214	22.06719	0.279067	1.578719	500.6396	1487.42	0.3064	0.485753	286.8284	70.85857	0.865854	100	1.9
2001.967	1640.967	342.0265	22.102	0.278928	1.592454	495.7179	1479.95	0.306287	0.478701	296.7174	73.92124	0.901882	100	2
2002.119	1641.119	342.0316	22.14478	0.277413	1.604321	490.0753	1475.853	0.304857	0.458248	326.9157	85.20159	1.037535	100	2.5
2002.272	1641.272	342.0367	22.21665	0.268248	1.675762	485.7221	1470.706	0.296118	0.457984	339.3388	91.17455	1.106731	100	2.9
2002.424	1641.424	342.0418	22.2935	0.25727	1.764912	483.8616	1464.396	0.285674	0.465738	343.0509	93.18721	1.12732	100	3.2
2002.576	1641.576	342.047	22.36553	0.248355	1.830019	484.3925	1463.798	0.277219	0.461158	361.0404	105.057	1.266884	100	3.9
2002.729	1641.729	342.0521	22.44247	0.246128	1.714708	486.4095	1465.398	0.275124	0.462191	362.505	106.22	1.276584	100	4
2002.881	1641.881	342.0572	22.52252	0.248298	1.586774	488.8203	1464.872	0.277204	0.466492	353.6991	99.72316	1.19431	100	3.6
2003.034	1642.034	342.0623	22.60348	0.249312	1.625465	490.7773	1467.76	0.278187	0.503237	301.6361	75.53757	0.901468	100	2.4
2003.186	1642.186	342.0674	22.68364	0.24803	1.809961	491.3239	1466.59	0.276989	0.502376	304.4773	76.50328	0.909818	100	2.5
2003.338	1642.338	342.0726	22.66288	0.249754	1.871216	490.8322	1467.236	0.278645	0.503321	300.8866	75.28686	0.896172	100	2.4
2003.491	1642.491	342.0777	22.5686	0.254878	1.770909	490.5659	1470.052	0.283536	0.491066	311.049	78.83809	0.942325	100	2.5
2003.643	1642.643	342.0828	22.64456	0.258959	1.648363	490.8873	1474.005	0.287439	0.497689	296.5235	73.85888	0.879897	100	2.2
2003.796	1642.796	342.0879	22.72532	0.25876	1.591948	492.2311	1481.195	0.287269	0.505596	285.8469	70.56671	0.837737	100	2
2003.948	1642.948	342.0931	22.81303	0.260312	1.581738	494.7181	1497.086	0.288767	0.511001	276.3209	67.83371	0.802247	100	1.8
2004.1	1643.1	342.0982	22.81537	0.263808	1.605667	497.8086	1501.578	0.292118	0.497764	289.9622	71.80431	0.849129	100	2
2004.253	1643.253	342.1033	22.88957	0.266015	1.694187	500.918	1505.106	0.294243	0.50198	281.2121	69.2153	0.815905	100	1.9
2004.405	1643.405	342.1084	22.99029	0.263978	1.820392	503.2082	1515.706	0.292319	0.512106	269.8932	66.08146	0.775607	100	1.8
2004.558	1643.558	342.1135	22.94027	0.263027	1.934222	504.2092	1522.488	0.291432	0.515564	266.3448	65.14242	0.766238	100	1.8
2004.71	1643.71	342.1187	22.90236	0.264042	2.007342	504.254	1526.973	0.29242	0.498672	288.293	71.29788	0.84002	100	2.1
2004.862	1643.862	342.1238	22.74373	0.263028	2.095236	504.2387	1534.209	0.291472	0.473073	324.9271	84.33672	1.00049	100	2.7
2005.015	1644.015	342.1289	22.75117	0.260544	2.208223	504.957	1544.535	0.289125	0.476384	323.5979	83.77065	0.993466	100	2.8
2005.167	1644.167	342.134	22.7368	0.257025	2.32451	506.4627	1543.11	0.285794	0.507889	284.7175	70.2334	0.833452	100	2.2
2005.32	1644.32	342.1392	22.75285	0.260275	2.297246	507.9177	1535.744	0.288908	0.537719	239.2552	58.52959	0.694089	100	1.6
2005.472	1644.472	342.1443	22.77287	0.266581	2.226165	508.6009	1533.266	0.294939	0.553616	208.9938	52.068	0.616934	100	1.3
2005.624	1644.624	342.1494	22.84268	0.273823	2.190907	508.1665	1530.301	0.301875	0.55441	198.3274	49.98046	0.59042	100	1.1
2005.777	1644.777	342.1545	22.91639	0.275324	2.222483	506.8967	1526.113	0.303329	0.536287	221.3302	54.60039	0.642957	100	1.3
2005.929	1644.929	342.1596	22.98071	0.274927	2.231963	506.0016	1521.897	0.302968	0.520142	244.1079	59.64959	0.700484	100	1.5
2006.082	1645.082	342.1648	23.03997	0.273401	2.196543	505.8372	1507.594	0.301529	0.515711	252.2082	61.57832	0.721308	100	1.6
2006.234	1645.234	342.1699	23.24246	0.270771	2.186992	504.9643	1487.919	0.299036	0.501119	275.7853	67.68505	0.786042	100	1.9
2006.386	1645.386	342.175	23.31661	0.26565	2.17216	500.4204	1463.635	0.294169	0.510029	270.2069	66.1654	0.765996	100	1.8
2006.539	1645.539	342.1801	23.39631	0.263329	2.150544	490.2016	1419.85	0.291974	0.517635	262.74	64.20763	0.740847	100	1.8
2006.691	1645.691	342.1852	23.47963	0.269948	1.951381	477.0327	1394.553	0.298309	0.509859	264.7286	64.72097	0.74417	100	1.6
2006.844	1645.844	342.1904	23.58699	0.280652	1.586464	468.1224	1368.476	0.308563	0.49117	276.368	67.84684	0.776626	100	1.5
2006.996	1645.996	342.1955	23.70934	0.286897	1.226594	468.0434	1333.155	0.314565	0.460437	310.4968	78.63609	0.895569	100	1.8
2007.148	1646.148	342.2006	23.80768	0.283749	1.006839	473.2456	1312.386	0.311568	0.451283	327.2658	85.35617	0.968166	100	2
2007.301	1646.301	342.2057	23.9629	0.275976	0.924345	475.5962	1288.095	0.304148	0.462093	322.5885	83.34698	0.939368	100	1.9
2007.453	1646.453	342.2108	23.92244	0.271786	1.047135	470.56	1278.066	0.300163	0.498619	277.6819	68.2138	0.770095	100	1.4
2007.606	1646.606	342.216	23.88256	0.272261	1.18602	461.5894	1267.332	0.300636	0.496438	280.0384	68.87975	0.778898	100	1.5
2007.758	1646.758	342.2211	23.80689	0.276857	1.147418	454.6225	1256.801	0.305049	0.465538	316.5902	80.93114	0.918045	100	1.9
2007.91	1646.91	342.2262	23.78051	0.281752	0.940885	450.7582	1252.514	0.309754	0.428413	361.3309	105.2849	1.195618	100	2.8
2008.063	1647.063	342.2313	23.75441	0.286094	0.759228	447.8752	1247.186	0.313933	0.463415	307.26	77.47393	0.880757	100	1.5
2008.215	1647.215	342.2364	23.75745	0.286121	0.731442	445.2527	1241.151	0.313978	0.453167	321.341	82.83045	0.941544	100	1.7
2008.368	1647.368	342.2416	23.80247	0.278757	0.806554	445.612	1239.074	0.306945	0.406712	395.1533	146.026	1.656828	100	4.4
2008.52	1647.52	342.2467	23.80551	0.269472	0.806212	451.1953	1238.21	0.298089	0.376465	449.1162	296.8381	3.367575	100	11
2008.672	1647.672	342.2518	23.80855	0.267186	0.720575	459.6717	1246.317	0.295927	0.398206	422.0966	219.1381	2.485798	100	7.8
2008.825	1647.825	342.2569	23.81159	0.274586	0.687417	466.9158	1266.996	0.303015	0.422141	379.2855	122.6651	1.391296	100	3.5
2008.977	1647.977	342.262	23.81463	0.282698	0.807128	471.0225	1276.439	0.310796	0.425961	363.2753	106.8463	1.211736	100	2.8
2009.13	1648.13	342.2672	23.81767	0.283831	0.923763	473.4715	1294.126	0.311901	0.433568	351.2526	98.10854	1.112515	100	2.5
2009.282	1648.282	342.2723	23.8207	0.278995	0.986474	476.2285	1316.696	0.30729	0.417248	380.1377	123.689	1.402428	100	3.6
2009.434	1648.434	342.2774	23.8596	0.271916	1.066048	479.4206	1328.373	0.300541	0.456004	335.9685	89.44613	1.012557	100	2.3
2009.587	1648.587	342.2825	23.84513	0.266657	1.133918	481.9965	1342.64	0.295539	0.499461	282.8994	69.70234	0.789531	100	1.6
2009.739	1648.739	342.2876	23.82293	0.262316	1.231266	483.4767	1364.345	0.29142	0.536288	237.7632	58.19034	0.659743	100	1.2
2009.892	1648.892	342.2928	23.82246	0.258108	1.356757	484.0362	1373.293	0.28743	0.518613	267.6608	65.48843	0.74251	100	1.6
2010.044	1649.044	342.2979	23.83675	0.254185	1.468043	484.0207	1381.002	0.283717	0.505975	290.2248	71.88456	0.814558	100	1.9
2010.196	1649.196	342.303	23.91483	0.254502	1.458846	483.7165	1383.378	0.284038	0.491617	309.5953	78.30865	0.884515	100	2.2
2010.349	1649.349	342.3081	23.99251	0.258493	1.390317	483.3581	1385.02	0.287855	0.499419	293.5611	72.91817	0.821017	100	1.9
2010.501	1649.501	342.3132	24.0057	0.263295	1.31144	483.1014	1384.605	0.29245	0.503026	282.2435	69.51235	0.782255	100	1.7
2010.654	1649.654	342.3184	23.99953	0.263458	1.298537	482.9337	1383.335	0.292625	0.508876	273.9289	67.17359	0.756136	100	1.6
2010.806	1649.806	342.3235	23.99385	0.262534	1.306308	482.9087	1382.375	0.291764	0.492894	297.1733	74.06827	0.833948	100	1.9
2010.958	1649.958	342.3286	23.9886	0.260325	1.331571	482.8236	1381.341	0.289679	0.47198	328.9111	86.09226	0.969548	100	2.4
2011.111	1650.111	342.3337	24.01736	0.259538	1.336256	482.3412	1379.796	0.288948	0.464908	339.6783	91.35369	1.027602	100	2.7
2011.263	1650.263	342.3388	24.05767	0.259961	1.344131	481.3763	1380.262	0.289371	0.475254	324.8169	84.28947	0.946589	100	2.3
2011.416	1650.416	342.344	24.10096	0.262755	1.325413	479.9447	1379.221	0.292052	0.483747	309.3977	78.23727	0.877081	100	2
2011.568	1650.568	342.3491	23.89345	0.265941	1.278151	478.4748	1377.579	0.29511	0.483657	305.3014	76.78812	0.86819	100	1.9
2011.72	1650.72	342.3542	23.79165	0.265334	1.231803	477.6179	1375.315	0.294551	0.478835	312.7284	79.45958	0.902184	100	2.1
2011.873	1650.873	342.3593	23.69498	0.260812	1.248291	477.7327	1371.673	0.29026	0.459159	345.8015	94.76	1.080233	100	2.8
2012.025	1651.025	342.3644	23.62872	0.255485	1.283229	478.8541	1366.65	0.285207	0.462086	348.7355	96.52177	1.103365	100	3
2012.178	1651.178	342.3696	23.5606	0.253723	1.292378	480.7188	1364.655	0.283551	0.479035	327.6316	85.51846	0.980375	100	2.5
2012.33	1651.33	342.3747	23.46807	0.256277	1.266507	482.342	1363.683	0.286	0.486163	314.4153	80.09489	0.921774	100	2.3
2012.482	1651.482	342.3798	23.39527	0.257017	1.29578	483.2064	1364.141	0.286724	0.487598	311.4367	78.98064	0.911746	100	2.2
2012.635	1651.635	342.3849	23.2787	0.255747	1.352774	483.6705	1363.789	0.285535	0.492248	306.6592	77.26219	0.896317	100	2.2
2012.787	1651.787	342.39	23.28372	0.254264	1.384221	483.6899	1363.231	0.284144	0.51401	278.5484	68.45749	0.794015	100	1.8
2012.94	1651.94	342.3952	23.22969	0.254453	1.344101	483.1443	1363.115	0.284343	0.511384	281.8966	69.41221	0.806942	100	1.9
2013.092	1652.092	342.4003	23.20383	0.25371	1.340409	482.2937	1362.176	0.283655	0.481193	324.5096	84.15793	0.979452	100	2.5
2013.244	1652.244	342.4054	23.14151	0.252271	1.3484	481.3353	1364.048	0.282307	0.482741	324.2342	84.04046	0.980692	100	2.6
2013.397	1652.397	342.4105	23.07948	0.253192	1.341744	480.3734	1366.375	0.283202	0.495657	305.1747	76.74419	0.897933	100	2.2
2013.549	1652.549	342.4156	23.01969	0.257696	1.285007	479.6879	1367.416	0.287506	0.496611	297.9183	74.30968	0.871685	100	2
2013.702	1652.702	342.4208	22.9278	0.262086	1.21807	479.4693	1366.354	0.291708	0.499329	288.3696	71.32099	0.839944	100	1.8

2013.854	1652.854	342.4259	22.90336	0.262934	1.200453	479.8858	1366.249	0.292535	0.505857	278.219	68.36469	0.805984	100	1.7
2014.006	1653.006	342.431	22.88357	0.260043	1.204186	480.8675	1371.272	0.2898	0.525893	254.3439	62.09992	0.732759	100	1.4
2014.159	1653.159	342.4361	22.86527	0.257117	1.224899	482.2114	1375.357	0.287033	0.534771	245.9106	60.07225	0.709401	100	1.4
2014.311	1653.311	342.4412	22.84627	0.254155	1.255506	483.9776	1381.558	0.284235	0.526437	261.2728	63.83246	0.754433	100	1.6
2014.464	1653.464	342.4464	22.88202	0.25304	1.281101	486.328	1383.052	0.283194	0.5162	276.8364	67.9773	0.802192	100	1.8
2014.616	1653.616	342.4515	22.82744	0.251561	1.316933	488.5197	1383.585	0.281808	0.504574	294.7941	73.30701	0.867138	100	2.1
2014.768	1653.768	342.4566	22.91882	0.251352	1.339501	489.3268	1384.994	0.281629	0.485667	321.1317	82.74453	0.974933	100	2.6
2014.921	1653.921	342.4617	23.03829	0.251477	1.389326	488.1903	1385.922	0.281766	0.484376	322.7247	83.40384	0.977686	100	2.6
2015.073	1654.073	342.4669	23.13166	0.252518	1.454184	485.8567	1387.297	0.282775	0.478038	330.0778	86.62409	1.011405	100	2.7
2015.226	1654.226	342.472	23.13402	0.255245	1.435734	484.0821	1388.873	0.285388	0.484338	317.778	81.39638	0.950282	100	2.4
2015.378	1654.378	342.4771	23.16972	0.25602	1.373413	483.4094	1394.732	0.286145	0.504902	288.3553	71.31666	0.831349	100	1.9
2015.53	1654.53	342.4822	23.29008	0.25603	1.305279	483.0064	1398.047	0.286174	0.514101	275.6205	67.63941	0.784476	100	1.7
2015.683	1654.683	342.4873	23.41086	0.256124	1.271369	482.0035	1398.081	0.286282	0.513302	276.573	67.90387	0.783549	100	1.7
2015.835	1654.835	342.4925	23.53239	0.25767	1.264828	480.2922	1402.055	0.287773	0.51281	275.1949	67.52176	0.775187	100	1.7
2015.988	1654.988	342.4976	23.65487	0.257948	1.290109	478.7176	1404.495	0.288057	0.5147	272.1942	66.70091	0.761869	100	1.6
2016.14	1655.14	342.5027	23.65727	0.256907	1.327191	478.356	1408.84	0.287086	0.502806	289.9493	71.80039	0.820044	100	1.9
2016.292	1655.292	342.5078	23.63858	0.257026	1.322068	479.395	1412.582	0.287219	0.510092	279.7114	68.78671	0.786244	100	1.7
2016.445	1655.445	342.513	23.61984	0.259329	1.274126	480.9198	1414.232	0.289431	0.499413	291.396	72.24441	0.82642	100	1.9
2016.597	1655.597	342.5181	23.60103	0.263379	1.204062	482.0507	1415.625	0.293309	0.493236	294.5671	73.23514	0.83842	100	1.8
2016.75	1655.75	342.5232	23.57984	0.264685	1.183645	482.8261	1417.307	0.294574	0.502659	279.8187	68.81723	0.788548	100	1.6
2016.902	1655.902	342.5283	23.74707	0.264037	1.195752	483.2299	1417.745	0.293976	0.49849	286.3979	70.7303	0.804862	100	1.7
2017.054	1656.054	342.5334	23.96522	0.2613	1.243405	483.0335	1415.614	0.291387	0.47106	327.8241	85.60416	0.965407	100	2.4
2017.207	1656.207	342.5386	24.06405	0.260894	1.247592	482.186	1414.285	0.291019	0.50864	276.4702	67.87525	0.762387	100	1.6
2017.359	1656.359	342.5437	24.22949	0.261078	1.258434	480.4018	1414.074	0.291213	0.525437	253.0231	61.77668	0.68924	100	1.3
2017.512	1656.512	342.5488	24.42293	0.261636	1.264212	477.6586	1414.066	0.291765	0.530853	244.7874	59.80848	0.6621	100	1.2
2017.664	1656.664	342.5539	24.54466	0.262448	1.258696	474.7818	1412.305	0.292558	0.507142	276.4141	67.85966	0.747582	100	1.5
2017.816	1656.816	342.559	24.55636	0.262533	1.243559	472.931	1411.363	0.292658	0.481809	311.2344	78.9062	0.86888	100	2
2017.969	1656.969	342.5642	24.52649	0.260761	1.241596	472.6646	1411.458	0.29099	0.470599	329.0084	86.13629	0.949638	100	2.3
2018.121	1657.121	342.5693	24.49763	0.255624	1.290434	473.9512	1410.449	0.286118	0.465915	342.1946	92.71215	1.023329	100	2.7
2018.274	1657.274	342.5744	24.53093	0.253124	1.305039	476.3589	1409.683	0.28376	0.460209	353.3233	99.47029	1.096473	100	3
2018.426	1657.426	342.5795	24.5601	0.254566	1.28164	479.2556	1408.855	0.285151	0.46085	350.5199	97.63906	1.075045	100	2.9
2018.578	1657.578	342.5846	24.58128	0.259275	1.24299	482.0951	1408.969	0.289651	0.468177	334.1964	88.57192	0.974399	100	2.4
2018.731	1657.731	342.5898	24.67654	0.262463	1.217536	484.4772	1408.573	0.292708	0.470866	326.2673	84.9172	0.930666	100	2.2
2018.883	1657.883	342.5949	24.74566	0.264749	1.198561	486.4497	1410.428	0.294907	0.496506	287.8505	71.16464	0.777815	100	1.6
2019.036	1658.036	342.6	24.81481	0.26469	1.208535	487.8793	1413.88	0.29487	0.512435	265.9191	65.03104	0.708842	100	1.3
2019.188	1658.188	342.6051	24.84633	0.264603	1.222822	488.2863	1414.853	0.294806	0.512759	265.5592	64.93708	0.706946	100	1.3
2019.34	1658.34	342.6102	24.87287	0.262519	1.263807	488.1088	1415.987	0.292839	0.495321	292.3398	72.53673	0.788863	100	1.7
2019.493	1658.493	342.6154	24.89783	0.260307	1.304647	488.0586	1418.812	0.290752	0.489509	303.2402	76.07977	0.826591	100	1.9
2019.645	1658.645	342.6205	24.92359	0.257201	1.331549	488.221	1419.175	0.287813	0.469489	334.9232	88.92774	0.965214	100	2.5
2019.798	1658.798	342.6256	24.8897	0.253893	1.379999	488.0532	1423.835	0.284685	0.462149	349.3698	96.91479	1.05332	100	2.9
2019.95	1658.95	342.6307	24.95428	0.255098	1.357075	487.7074	1428.116	0.285851	0.454431	358.4118	103.0564	1.117242	100	3.1
2020.102	1659.102	342.6358	24.82995	0.257303	1.320944	487.7969	1434.235	0.287968	0.479892	320.3524	82.42655	0.897986	100	2.2
2020.255	1659.255	342.641	24.6263	0.258404	1.281674	488.388	1434.322	0.289036	0.487231	308.7525	78.0052	0.856717	100	2
2020.407	1659.407	342.6461	24.45349	0.256754	1.285111	488.9409	1432.761	0.287485	0.498813	294.9089	73.34341	0.81111	100	1.8
2020.56	1659.56	342.6512	24.37589	0.256104	1.297367	488.7636	1429.157	0.286885	0.4934	303.206	76.06812	0.843881	100	2
2020.712	1659.712	342.6563	24.23559	0.258021	1.287729	487.7701	1424.98	0.28873	0.507782	280.8143	69.10127	0.770958	100	1.7
2020.864	1659.864	342.6614	24.0105	0.258285	1.278113	486.2589	1415.596	0.289	0.519893	263.7279	64.46196	0.725829	100	1.5
2021.017	1660.017	342.6666	23.9152	0.255035	1.321053	484.9923	1410.331	0.285927	0.502819	291.5315	72.28626	0.817127	100	1.9
2021.169	1660.169	342.6717	23.73156	0.25019	1.374258	484.2497	1403.143	0.28134	0.484068	323.737	83.82945	0.954835	100	2.5
2021.322	1660.322	342.6768	23.58255	0.246957	1.376425	483.7865	1398.247	0.27829	0.486811	324.1606	84.00917	0.962844	100	2.6
2021.474	1660.474	342.6819	23.51918	0.248213	1.295197	483.59	1395.114	0.279502	0.48814	320.6545	82.54947	0.948634	100	2.5
2021.626	1660.626	342.687	23.56732	0.249644	1.248035	483.6826	1392.795	0.28088	0.485637	322.2075	83.18839	0.954065	100	2.5
2021.779	1660.779	342.6922	23.5956	0.252047	1.203926	484.0039	1393.638	0.283182	0.478105	329.4239	86.32499	0.988881	100	2.6
2021.931	1660.931	342.6973	23.55425	0.252836	1.196292	484.2679	1393.08	0.283952	0.509967	284.3915	70.1377	0.804848	100	1.8
2022.084	1661.084	342.7024	23.54809	0.253566	1.177031	484.1	1391.78	0.284665	0.514888	276.6173	67.91621	0.779565	100	1.7
2022.236	1661.236	342.7075	23.43799	0.252544	1.199023	483.3414	1392.071	0.283713	0.524269	264.9851	64.78761	0.747103	100	1.6
2022.388	1661.388	342.7126	23.27798	0.249889	1.248007	482.1796	1394.047	0.28121	0.515987	279.8684	68.83136	0.799119	100	1.8
2022.541	1661.541	342.7178	23.23349	0.247474	1.298443	481.5227	1390.594	0.278935	0.500656	304.1636	76.39544	0.888621	100	2.3
2022.693	1661.693	342.7229	23.10306	0.245715	1.35325	482.0439	1387.782	0.277286	0.479194	336.0586	89.4912	1.046755	100	2.9
2022.846	1661.846	342.728	22.94973	0.245879	1.380489	483.213	1390.208	0.277461	0.485983	326.4477	84.99608	1.000742	100	2.8
2022.998	1661.998	342.7331	22.79947	0.24661	1.419662	484.1599	1391.87	0.278173	0.501787	303.6552	76.22131	0.903277	100	2.4
2023.15	1662.15	342.7382	22.72287	0.245101	1.458242	484.6939	1393.894	0.276761	0.521525	278.3655	68.40592	0.813367	100	2
2023.303	1662.303	342.7434	22.75601	0.243612	1.458284	485.25	1399.206	0.275368	0.533748	263.4205	64.38266	0.764437	100	1.9
2023.455	1662.455	342.7485	22.9271	0.245199	1.408067	486.2507	1408.321	0.276893	0.526978	270.6584	66.28652	0.781252	100	1.9
2023.608	1662.608	342.7536	22.98923	0.250472	1.339546	487.6517	1411.72	0.281918	0.527571	262.9049	64.24999	0.755238	100	1.7
2023.76	1662.76	342.7587	23.05532	0.255494	1.306946	488.9097	1415.073	0.286712	0.520141	266.5427	65.19429	0.76418	100	1.7
2023.912	1662.912	342.7638	23.04268	0.25605	1.333456	489.6247	1420.336	0.287261	0.507489	283.2454	69.80289	0.818652	100	1.9
2024.065	1663.065	342.769	22.96471	0.25433	1.384198	489.8347	1423.862	0.285644	0.475303	329.8936	86.53954	1.018352	100	2.7
2024.217	1663.217	342.7741	22.89393	0.251714	1.429352	489.6161	1425.633	0.283176	0.441572	379.8471	123.3373	1.455815	100	4.5
2024.37	1663.37	342.7792	22.82879	0.253019	1.43384	489.0418	1428.863	0.284436	0.433094	389.8087	137.0291	1.622001	100	5.1
2024.522	1663.522	342.7843	22.76453	0.255038	1.447189	488.3212	1430.213	0.286376	0.470926	334.9234	88.92781	1.055577	100	2.9
2024.674	1663.674	342.7894	22.69954	0.254975	1.474169	488.2455	1432.733	0.286335	0.492349	305.4159	76.82787	0.91454	100	2.3
2024.827	1663.827	342.7946	22.66565	0.249698	1.522912	489.2464	1431.482	0.281338	0.500967	300.4197	75.13148	0.895678	100	2.3
2024.979	1663.979	342.7997	22.66795	0.245413	1.563886	491.1394	1429.597	0.277289	0.496664	311.9444	79.16813	0.943717	100	2.6
2025.132	1664.132	342.8048	22.67035	0.24275	1.56551	492.985	1432.684	0.274783	0.499412	311.6108	79.04479	0.942159	100	2.6
2025.284	1664.284	342.8099	22.6763	0.243731	1.557645	493.4332	1436.829	0.275732	0.488445	325.4357	84.55587	1.007598	100	2.9
2025.436	1664.436	342.815	22.76428	0.244835	1.545279	491.9666	1437.458	0.276799	0.490469	321.171	82.76066	0.982451	100	2.8
2025.589	1664.589	342.8202	22.77842	0.246634	1.539048	490.5252	1439.298	0.278526	0.49877	307.3325	77.49954	0.919443	100	2.5
2025.741	1664.741	342.8253	22.82158	0.248407	1.528279	490.4461	1440.11	0.280228	0.5092	290.5894	71.99624	0.852567	100	2.2
2025.894	1664.894	342.8304	22.83381	0.2496	1.559546	490.4022	1433.578	0.28138	0.504381	295.6491	73.5789	0.870858	100	2.2

2026.046	1665.046	342.8355	22.94276	0.247917	1.567592	489.0498	1426.799	0.279801	0.492696	313.9537	79.91992	0.941485	100	2.6
2026.198	1665.198	342.8407	23.1566	0.244582	1.56614	485.8365	1428.998	0.276656	0.479928	335.9153	89.41958	1.043807	100	3
2026.351	1665.351	342.8458	23.1439	0.239821	1.591475	480.5779	1428.554	0.272162	0.493201	323.7992	83.85579	0.979401	100	2.9
2026.503	1665.503	342.8509	23.24137	0.237634	1.557114	477.6219	1426.136	0.270109	0.491484	329.0006	86.13273	1.001846	100	3
2026.656	1665.656	342.856	23.3054	0.240869	1.479153	479.6263	1426.327	0.273194	0.501001	311.6121	79.0453	0.916929	100	2.5
2026.808	1665.808	342.8611	23.30786	0.24649	1.42215	483.3167	1423.746	0.278544	0.492885	315.4287	80.48206	0.933509	100	2.5
2026.96	1665.96	342.8663	23.24802	0.250995	1.458771	486.261	1428.209	0.282841	0.512083	283.005	69.73299	0.810892	100	2
2027.113	1666.113	342.8714	23.24563	0.251572	1.496902	487.4904	1432.073	0.283409	0.512942	281.0366	69.16495	0.804378	100	1.9
2027.265	1666.265	342.8765	23.2588	0.250792	1.54582	487.7386	1436.864	0.282687	0.507014	290.2125	71.88081	0.835506	100	2.1
2027.418	1666.418	342.8816	23.24102	0.250341	1.591101	487.647	1438.492	0.282277	0.495204	307.0754	77.40873	0.900448	100	2.4
2027.57	1666.57	342.8868	23.22204	0.248776	1.629195	487.4981	1443.757	0.28081	0.501744	300.0747	75.01709	0.873341	100	2.3
2027.722	1666.722	342.8919	23.26781	0.24886	1.60766	487.308	1446.736	0.280909	0.484961	323.0986	83.56041	0.970926	100	2.7
2027.875	1666.875	342.897	23.31289	0.252003	1.514657	486.8162	1450.008	0.283915	0.470294	339.1916	91.09715	1.056492	100	2.9
2028.027	1667.027	342.9021	23.38115	0.255201	1.451368	485.829	1451.636	0.286976	0.457329	352.8603	99.1612	1.146718	100	3.2
2028.18	1667.18	342.9072	23.35751	0.25538	1.434184	484.5211	1450.941	0.287165	0.476306	326.4104	84.97977	0.983713	100	2.6
2028.332	1667.332	342.9124	23.41635	0.253868	1.461149	483.5973	1448.795	0.285746	0.496412	300.622	75.19872	0.868343	100	2.1
2028.484	1667.484	342.9175	23.42106	0.2529	1.497033	483.4518	1448.783	0.284845	0.527259	259.2958	63.33163	0.731174	100	1.6
2028.637	1667.637	342.9226	23.35005	0.253282	1.509504	483.8681	1446.87	0.285228	0.504131	290.6844	72.02542	0.834047	100	2
2028.789	1667.789	342.9277	23.19699	0.253857	1.499008	484.2654	1441.262	0.285794	0.487285	313.151	79.61766	0.927972	100	2.4
2028.942	1667.942	342.9329	23.13015	0.255721	1.463023	483.9643	1437.643	0.287586	0.505585	285.4232	70.44137	0.823369	100	1.9
2029.094	1668.094	342.938	23.16569	0.25871	1.40277	482.8977	1427.793	0.29045	0.530052	247.7071	60.49714	0.706072	100	1.4
2029.246	1668.246	342.9431	23.18842	0.258058	1.404497	481.4151	1416.615	0.289849	0.531777	246.1565	60.1302	0.701118	100	1.4
2029.399	1668.399	342.9482	23.20811	0.253948	1.471004	479.38	1402.85	0.285958	0.512097	278.6847	68.49592	0.798004	100	1.9
2029.551	1668.551	342.9533	23.24925	0.249714	1.527358	475.56	1401.293	0.281953	0.486235	319.901	82.2437	0.956509	100	2.6
2029.704	1668.704	342.9585	23.33827	0.249182	1.506201	470.0475	1395.606	0.281467	0.475631	335.2043	89.06637	1.031974	100	2.9
2029.856	1668.856	342.9636	23.42612	0.250886	1.407571	465.8275	1391.978	0.283104	0.461791	352.0443	98.62296	1.138492	100	3.2
2030.008	1669.008	342.9687	23.51454	0.252011	1.311575	464.6911	1389.367	0.284193	0.461591	350.8188	97.8298	1.125164	100	3.1
2030.161	1669.161	342.9738	23.55265	0.258452	1.189546	464.8724	1386.139	0.29034	0.475616	322.9809	83.51104	0.95896	100	2.3
2030.313	1669.313	342.9789	23.55185	0.265075	1.118493	464.4695	1386.036	0.29667	0.459484	336.5083	89.71705	1.03027	100	2.5
2030.466	1669.466	342.9841	23.5691	0.262455	1.131975	463.8127	1388.818	0.294191	0.445824	358.7789	103.3293	1.185745	100	3.1
2030.618	1669.618	342.9892	23.54028	0.247459	1.266066	465.4707	1390.981	0.279946	0.435604	392.5409	141.4629	1.62532	100	5.2
2030.77	1669.77	342.9943	23.39188	0.237541	1.377906	471.2383	1402.449	0.270563	0.432661	409.5513	178.3223	2.061642	100	7.4
2030.923	1669.923	342.9994	23.42682	0.242335	1.291013	479.3016	1407.025	0.275124	0.445186	385.9723	131.3298	1.516131	100	4.9
2031.075	1670.075	343.0045	23.39982	0.249849	1.228569	485.6311	1420.785	0.282273	0.456764	360.1288	104.3509	1.206058	100	3.5
2031.228	1670.228	343.0097	23.58799	0.247759	1.279857	488.6104	1445.031	0.280308	0.479792	331.0616	87.07919	0.998537	100	2.7
2031.38	1670.38	343.0148	23.61181	0.244267	1.385836	489.6904	1443.111	0.277014	0.490451	320.8987	82.64917	0.946807	100	2.6
2031.532	1670.532	343.0199	23.44297	0.249892	1.36144	490.1736	1436.999	0.282372	0.517272	276.4905	67.8809	0.783152	100	1.8
2031.685	1670.685	343.025	23.55511	0.260204	1.250878	490.5392	1447.521	0.292201	0.539022	232.9121	57.1031	0.655724	100	1.2
2031.837	1670.837	343.0301	23.46496	0.265674	1.215254	490.7745	1452.728	0.297435	0.550632	209.6675	52.20295	0.60173	100	0.9
2031.99	1670.99	343.0353	23.38422	0.266638	1.232811	491.1879	1457.664	0.298373	0.534998	229.948	56.45039	0.652911	100	1.1
2032.142	1671.142	343.0404	23.39436	0.26599	1.284752	492.2521	1461.307	0.297775	0.528734	239.4177	58.5667	0.677107	100	1.2
2032.294	1671.294	343.0455	23.38133	0.264883	1.325147	494.2152	1466.129	0.296738	0.516586	257.6129	62.90944	0.727722	100	1.4
2032.447	1671.447	343.0506	23.32906	0.264106	1.327631	496.4353	1470.656	0.296016	0.502236	278.4124	68.41913	0.793215	100	1.7
2032.599	1671.599	343.0557	23.47574	0.263443	1.298785	497.8902	1471.338	0.295403	0.498371	284.5919	70.1965	0.808817	100	1.7
2032.752	1671.752	343.0609	23.62119	0.264533	1.261231	498.1796	1469.89	0.296462	0.504989	273.9987	67.19272	0.769519	100	1.6
2032.904	1671.904	343.066	23.75881	0.26329	1.265436	497.5672	1471.088	0.295296	0.520874	253.6862	61.93868	0.705309	100	1.3
2033.056	1672.056	343.0711	23.83663	0.261853	1.285982	496.402	1466.562	0.293946	0.511491	268.4969	65.70965	0.745854	100	1.5
2033.209	1672.209	343.0762	23.93604	0.258365	1.339676	494.5892	1457.15	0.290642	0.515602	267.3823	65.41499	0.739483	100	1.6
2033.361	1672.361	343.0813	23.94613	0.256243	1.39966	492.122	1451.327	0.288642	0.514377	271.8334	66.60319	0.752611	100	1.7
2033.514	1672.514	343.0865	24.04284	0.255082	1.463775	489.1183	1442.245	0.287557	0.488755	308.6893	77.98255	0.87772	100	2.2
2033.666	1672.666	343.0916	23.95164	0.25605	1.455168	485.5587	1437.053	0.288497	0.475338	325.9078	84.76052	0.957593	100	2.5
2033.818	1672.818	343.0967	23.94492	0.256204	1.424665	481.1769	1428.174	0.288662	0.468327	335.3546	89.14072	1.007368	100	2.7
2033.971	1672.971	343.1018	24.01189	0.253225	1.388053	476.0708	1414.804	0.285848	0.458215	353.1935	99.38332	1.120049	100	3.1
2034.123	1673.123	343.1069	24.02843	0.247425	1.396431	471.6505	1406.814	0.280358	0.442702	382.1779	126.2315	1.421681	100	4.5
2034.276	1673.276	343.1121	24.069	0.243393	1.412482	469.9711	1398.496	0.276551	0.430172	404.7223	165.9464	1.865891	100	6.4
2034.428	1673.428	343.1172	23.99939	0.245282	1.355001	471.6768	1395.951	0.278362	0.444663	382.2248	126.2916	1.424082	100	4.5
2034.58	1673.58	343.1223	24.18853	0.252059	1.200236	475.3959	1394.742	0.284817	0.454432	359.8353	104.1264	1.165128	100	3.3
2034.733	1673.733	343.1274	24.22063	0.260108	1.05204	478.3815	1391.693	0.292495	0.483324	309.3706	78.22751	0.874201	100	2
2034.885	1673.885	343.1325	24.25583	0.263691	1.032795	478.963	1388.519	0.295929	0.492038	292.6055	72.61943	0.810381	100	1.7
2035.038	1674.038	343.1377	24.17108	0.262431	1.060323	477.944	1383.186	0.294747	0.490664	296.1327	73.73349	0.825658	100	1.7
2035.19	1674.19	343.1428	24.07906	0.25989	1.103405	477.1918	1379.979	0.292346	0.493717	295.2343	73.44676	0.825547	100	1.8
2035.342	1674.342	343.1479	23.97544	0.258507	1.121506	477.7829	1381.356	0.291047	0.509641	275.0507	67.48196	0.761735	100	1.6
2035.495	1674.495	343.153	23.91338	0.260345	1.117293	478.8028	1384.285	0.292817	0.520992	256.9429	62.7424	0.710051	100	1.3
2035.647	1674.647	343.1581	23.84345	0.260924	1.123	479.3271	1387.275	0.293388	0.520351	257.041	62.76683	0.712386	100	1.3
2035.8	1674.8	343.1633	23.81825	0.259974	1.120489	479.2607	1387.292	0.292502	0.515941	264.3489	64.62253	0.73422	100	1.4
2035.952	1674.952	343.1684	23.83439	0.254276	1.184646	478.607	1387.411	0.287098	0.528369	254.656	62.1766	0.705967	100	1.4
2036.104	1675.104	343.1735	24.0127	0.248459	1.300888	477.4293	1387.38	0.281589	0.537167	250.1164	61.07286	0.688375	100	1.5
2036.257	1675.257	343.1786	24.16232	0.243776	1.471914	475.5656	1385.808	0.277164	0.527582	269.4507	65.96328	0.738977	100	1.8
2036.409	1675.409	343.1837	24.34649	0.24216	1.551334	473.0602	1380.381	0.275651	0.508658	297.6534	74.22369	0.825344	100	2.2
2036.562	1675.562	343.1889	24.23397	0.240502	1.569976	469.9392	1367.177	0.2741	0.487945	328.379	85.85244	0.959019	100	2.8
2036.714	1675.714	343.194	24.21226	0.239956	1.552715	466.3668	1357.692	0.273601	0.488062	328.9052	86.08957	0.962526	100	2.8
2036.866	1675.866	343.1991	24.38937	0.238476	1.568874	463.4647	1354.069	0.272219	0.481614	339.71	91.37049	1.01429	100	3
2037.019	1676.019	343.2042	24.3849	0.235609	1.586729	462.4521	1352.207	0.269523	0.466987	363.6156	107.1263	1.189419	100	3.8
2037.171	1676.171	343.2093	24.34869	0.233522	1.502743	463.7545	1351.864	0.267569	0.446854	394.0975	144.1419	1.602759	100	5.6
2037.324	1676.324	343.2145	24.40661	0.236386	1.322415	467.1657	1354.153	0.270297	0.46518	365.0415	108.3219	1.201669	100	3.8
2037.476	1676.476	343.2196	24.47103	0.245064	1.173532	471.7166	1363.369	0.27854	0.473784	341.7929	92.49156	1.023414	100	2.8
2037.628	1676.628	343.2247	24.64706	0.252378	1.158371	476.0772	1368.385	0.285505	0.484583	317.2781	81.19984	0.89218	100	2.2
2037.781	1676.781	343.2298	24.82598	0.257031	1.150723	478.6658	1371.888	0.28995	0.491986	300.9286	75.30085	0.821523	100	1.8
2037.933	1676.933	343.2349	24.85066	0.256778	1.154253	478.4534	1384.567	0.289729	0.510074	276.2719	67.82009	0.739196	100	1.5
2038.086	1677.086	343.2401	24.8822	0.253551	1.170703	476.6755	1391.484	0.286678	0.494668	301.742	75.57311	0.822684	100	1.9

2038.238	1677.238	343.2452	24.93076	0.245912	1.234241	476.4694	1404.389	0.279441	0.475622	338.014	90.48448	0.983137	100	2.7
2038.39	1677.39	343.2503	24.97902	0.238302	1.296992	479.2041	1421.998	0.272246	0.476752	346.3829	95.10197	1.031361	100	3
2038.543	1677.543	343.2554	25.00973	0.237115	1.326776	483.263	1430.749	0.271141	0.477773	346.499	95.17065	1.030875	100	3.1
2038.695	1677.695	343.2606	25.10118	0.242456	1.388666	486.4485	1438.772	0.27622	0.479497	337.1105	90.02189	0.971632	100	2.7
2038.848	1677.848	343.2657	25.03931	0.250482	1.423952	487.5953	1439.873	0.283857	0.474462	333.5195	88.24393	0.954759	100	2.6
2039	1678	343.2708	25.25105	0.255916	1.472368	487.1161	1442.639	0.289042	0.486749	309.4077	78.2409	0.839583	100	2
2039.152	1678.152	343.2759	25.46687	0.25501	1.470626	486.1259	1446.903	0.2882	0.49851	294.3412	73.16374	0.778594	100	1.8
2039.305	1678.305	343.281	25.60852	0.251002	1.448426	485.3258	1447.766	0.284408	0.493099	307.0397	77.39612	0.819184	100	2
2039.457	1678.457	343.2862	25.77445	0.245676	1.492091	484.4942	1445.027	0.27937	0.487338	321.9428	83.07866	0.873802	100	2.3
2039.61	1678.61	343.2913	25.94347	0.245427	1.50302	483.2213	1442.307	0.279153	0.483277	327.847	85.61438	0.894746	100	2.4
2039.762	1678.762	343.2964	26.11775	0.247325	1.533828	481.6686	1438.432	0.280974	0.492202	313.0175	79.56767	0.826139	100	2.1
2039.914	1678.914	343.3015	26.11575	0.24957	1.517813	480.9355	1437.476	0.283125	0.471967	337.9728	90.46322	0.939346	100	2.6
2040.067	1679.067	343.3067	26.25544	0.249829	1.480752	481.5552	1434.939	0.28339	0.46957	340.9155	92.01474	0.950502	100	2.6
2040.219	1679.219	343.3118	26.39535	0.251253	1.427606	483.083	1429.412	0.284763	0.48002	324.6003	84.19668	0.865251	100	2.2
2040.372	1679.372	343.3169	26.47281	0.251746	1.438597	484.4077	1425.851	0.28525	0.484607	317.5971	81.32511	0.833363	100	2.1
2040.524	1679.524	343.322	26.4805	0.249566	1.517768	484.5922	1423.768	0.283198	0.472394	337.2822	90.1093	0.923125	100	2.5
2040.676	1679.676	343.3271	26.59546	0.245058	1.619474	483.6813	1420.305	0.278937	0.461846	357.7186	102.5464	1.046118	100	3.1
2040.829	1679.829	343.3323	26.72786	0.24203	1.668717	482.0112	1416.635	0.276085	0.445541	384.1557	128.8263	1.307875	100	4.2
2040.981	1679.981	343.3374	26.86686	0.242373	1.598066	480.7223	1414.225	0.27643	0.446632	382.1754	126.2283	1.275051	100	4.1
2041.134	1680.134	343.3425	26.93959	0.243736	1.501186	480.2717	1413.217	0.277742	0.45634	366.9675	109.9972	1.108186	100	3.3
2041.286	1680.286	343.3476	27.09228	0.245764	1.406052	480.272	1409.611	0.279684	0.493978	312.346	79.31713	0.794715	100	2
2041.438	1680.438	343.3527	26.88936	0.248393	1.316492	480.4917	1408.646	0.282199	0.510645	285.8749	70.57501	0.712329	100	1.6
2041.591	1680.591	343.3579	26.76371	0.249972	1.269512	480.7968	1406.605	0.283718	0.518957	272.3086	66.73193	0.676629	100	1.4
2041.743	1680.743	343.363	26.63737	0.251308	1.244319	481.0608	1404.443	0.285007	0.532996	251.1567	61.32357	0.624672	100	1.2
2041.896	1680.896	343.3681	26.76202	0.251477	1.243124	481.1215	1404.015	0.285186	0.530129	254.8656	62.22818	0.631015	100	1.2
2042.048	1681.048	343.3732	26.67722	0.251735	1.247629	480.747	1406.89	0.285451	0.518697	270.2756	66.18381	0.673213	100	1.4
2042.2	1681.2	343.3783	26.5177	0.250614	1.274794	480.0552	1409.024	0.284404	0.510837	282.5676	69.6061	0.712185	100	1.6
2042.353	1681.353	343.3835	26.39515	0.249873	1.298445	479.9189	1417.593	0.28372	0.50961	285.2058	70.37721	0.723345	100	1.6
2042.505	1681.505	343.3886	26.50765	0.250915	1.289569	480.2782	1418.835	0.284729	0.474463	332.3148	87.66798	0.897339	100	2.3
2042.658	1681.658	343.3937	26.54926	0.253202	1.263864	480.3486	1416.641	0.286922	0.448907	364.5564	107.911	1.102861	100	3.1
2042.81	1681.81	343.3988	26.59255	0.254775	1.264023	479.4755	1413.783	0.288437	0.458405	349.3579	96.9074	0.988841	100	2.6
2042.962	1681.962	343.4039	26.44043	0.25444	1.306577	477.5261	1410.465	0.288137	0.473873	328.4258	85.87346	0.881178	100	2.2
2043.115	1682.115	343.4091	26.30629	0.248826	1.409643	475.7418	1409.979	0.282822	0.471169	339.4926	91.25556	0.941077	100	2.5
2043.267	1682.267	343.4142	26.08967	0.240087	1.516757	475.2943	1409.611	0.274551	0.45659	371.0261	113.7732	1.182818	100	3.7
2043.42	1682.42	343.4193	25.87064	0.231222	1.602809	476.2666	1407.897	0.266181	0.464654	371.4476	114.1859	1.196942	100	4
2043.572	1682.572	343.4244	25.62602	0.227315	1.625436	478.0992	1407.197	0.262511	0.466131	374.4745	117.2722	1.240786	100	4.3
2043.724	1682.724	343.4295	25.38305	0.230866	1.631371	479.6113	1404.944	0.265884	0.455973	383.8368	128.3988	1.371254	100	4.8
2043.877	1682.877	343.4347	25.14744	0.235685	1.613788	480.2943	1405	0.270459	0.441606	397.3496	150.1285	1.618053	100	5.7
2044.029	1683.029	343.4398	24.92896	0.238097	1.544577	480.374	1407.357	0.272762	0.442902	392.3837	141.1988	1.534904	100	5.2
2044.182	1683.182	343.4449	24.87498	0.235004	1.551118	479.9584	1407.258	0.269854	0.469581	359.58	103.9322	1.132214	100	3.6
2044.334	1683.334	343.45	24.65458	0.229602	1.644473	479.0855	1406.516	0.264766	0.469091	367.2776	110.2736	1.211849	100	4.1
2044.486	1683.486	343.4551	24.44359	0.225564	1.75262	477.8252	1407.626	0.260973	0.482056	354.6204	100.3509	1.112165	100	3.8
2044.639	1683.639	343.4603	24.23215	0.222169	1.84793	476.6092	1409.412	0.257791	0.495791	340.0566	91.55443	1.02339	100	3.5
2044.791	1683.791	343.4654	24.20477	0.223357	1.835277	475.7331	1408.347	0.25893	0.527912	294.1591	73.10631	0.818096	100	2.5
2044.944	1683.944	343.4705	24.17841	0.223467	1.804249	475.5588	1409.752	0.259053	0.50965	319.19	81.95763	0.918141	100	3
2045.096	1684.096	343.4756	24.15375	0.222607	1.786847	476.372	1421.533	0.258261	0.477182	365.0888	108.3622	1.215174	100	4.3
2045.248	1684.248	343.4807	23.97172	0.219167	1.809652	477.735	1428.727	0.255039	0.441819	418.3362	206.0388	2.327809	100	9.5
2045.401	1684.401	343.4859	23.81866	0.220648	1.766156	479.4532	1435.163	0.256454	0.459868	391.4756	139.6948	1.588263	100	6
2045.553	1684.553	343.491	23.72158	0.228606	1.659987	481.4385	1448.671	0.263979	0.49674	330.2078	86.68387	0.989538	100	3.1
2045.706	1684.706	343.4961	23.81981	0.240333	1.570372	484.0016	1460.334	0.27509	0.52246	279.3811	68.69297	0.780987	100	2
2045.858	1684.858	343.5012	23.99024	0.247851	1.526601	487.4221	1471.604	0.28224	0.538274	247.6903	60.49314	0.682958	100	1.5
2046.01	1685.01	343.5063	24.07707	0.249427	1.542396	491.4874	1493.152	0.283756	0.535348	249.6373	60.95783	0.685769	100	1.5
2046.163	1685.163	343.5115	24.05423	0.246307	1.662937	495.797	1525.53	0.280813	0.563349	215.0571	53.29624	0.600144	100	1.2
2046.315	1685.315	343.5166	24.0387	0.245752	1.835504	500.164	1554.461	0.280305	0.577681	195.9784	49.53277	0.558126	100	1.1
2046.468	1685.468	343.5217	24.01867	0.250168	2.017429	504.5626	1561.696	0.284518	0.568395	202.9809	50.88003	0.573784	100	1.2
2046.62	1685.62	343.5268	23.92586	0.257185	2.071083	507.7641	1569.433	0.291209	0.548551	221.1322	54.55868	0.617625	100	1.3
2046.772	1685.772	343.5319	24.03726	0.261058	2.115371	507.9836	1570.878	0.294916	0.526501	246.445	60.19824	0.678365	100	1.5
2046.925	1685.925	343.5371	24.03086	0.25993	2.260909	505.0719	1569.036	0.293861	0.511962	267.9648	65.56874	0.739087	100	1.8
2047.077	1686.077	343.5422	24.09532	0.256843	2.414888	501.6297	1564.493	0.290941	0.487178	306.1961	77.0998	0.866786	100	2.4
2047.23	1686.23	343.5473	23.97994	0.254864	2.519494	500.1408	1562.427	0.289077	0.490345	304.3983	76.47612	0.863855	100	2.4
2047.382	1686.382	343.5524	24.05764	0.257065	2.339025	500.627	1552.79	0.291191	0.454473	350.9846	97.9361	1.102757	100	3.3
2047.534	1686.534	343.5575	23.99952	0.258626	2.079801	501.2466	1542.709	0.292695	0.457171	345.1855	94.40137	1.065501	100	3.1
2047.687	1686.687	343.5627	23.91634	0.261592	1.828417	500.923	1524.29	0.29554	0.463851	332.0404	87.5382	0.991431	100	2.6
2047.839	1686.839	343.5678	23.84825	0.262236	1.693289	500.1484	1523.804	0.296172	0.478899	310.4019	78.60146	0.892729	100	2.2
2047.992	1686.992	343.5729	23.81399	0.264182	1.693993	499.0533	1521.152	0.298046	0.473951	314.6444	80.18205	0.911982	100	2.3
2048.144	1687.144	343.578	23.77802	0.266435	1.703697	497.4658	1514.633	0.300214	0.475263	309.8415	78.39777	0.893026	100	2.2
2048.296	1687.296	343.5831	23.92557	0.26735	1.707837	495.6814	1515.008	0.301106	0.465106	322.6273	83.36316	0.94383	100	2.3
2048.449	1687.449	343.5883	23.91041	0.26779	1.691465	494.7387	1514.229	0.301546	0.449498	343.5597	93.4727	1.058961	100	2.8
2048.601	1687.601	343.5934	24.11552	0.267671	1.692261	495.1391	1510.087	0.301451	0.446656	347.6121	95.83643	1.076662	100	2.8
2048.754	1687.754	343.5985	24.21623	0.270738	1.654751	495.8253	1497.574	0.304399	0.48101	296.1357	73.73447	0.82498	100	1.9
2048.906	1687.906	343.6036	24.32398	0.273904	1.666083	494.6413	1503.665	0.307442	0.479921	293.4384	72.87969	0.811873	100	1.8
2049.058	1688.058	343.6087	24.43397	0.273164	1.698155	490.002	1492.183	0.306754	0.488085	283.1211	69.76672	0.773764	100	1.7
2049.211	1688.211	343.6139	24.53817	0.269437	1.697709	481.3772	1463.451	0.303213	0.497557	274.9374	67.45072	0.744964	100	1.6
2049.363	1688.363	343.619	24.5411	0.264385	1.611828	469.6562	1440.766	0.298412	0.486949	296.202	73.75569	0.814513	100	1.9
2049.516	1688.516	343.6241	24.53839	0.257584	1.530714	456.8269	1392.82	0.291952	0.452144	353.1468	99.35214	1.097316	100	3
2049.668	1688.668	343.6292	24.69172	0.243125	1.518468	446.7254	1340.327	0.278234	0.419263	417.4543	202.9064	2.227396	100	7.9
2049.82	1688.82	343.6344	24.8401	0.224877	1.491013	443.3279	1322.443	0.260995	0.411771	451.5832	303.4199	3.31128	100	13.5
2049.973	1688.973	343.6395	24.83907	0.211039	1.398634	447.0818	1303.558	0.247987	0.439019	431.931	248.6629	2.713847	100	11.6
2050.125	1689.125	343.6446	24.65593	0.21009	1.265261	455.4309	1298.663	0.247115	0.46422	398.3584	152.0999	1.672105	100	6.6
2050.278	1689.278	343.6497	24.47753	0.214814	1.240002	464.5994	1298.38	0.251574	0.46596	389.804	137.0218	1.517147	100	5.7

2050.43	1689.43	343.6548	24.45049	0.224754	1.167957	472.3453	1306.111	0.260955	0.45138	396.978	149.4163	1.6562	100	6
2050.583	1689.583	343.66	24.58912	0.235582	1.113772	478.4175	1323.115	0.271204	0.454743	378.1936	121.3846	1.338043	100	4.3
2050.735	1689.735	343.6651	24.57276	0.246279	1.109118	483.2416	1360.572	0.28136	0.478404	331.526	87.29617	0.962921	100	2.5
2050.887	1689.887	343.6702	24.6177	0.25438	1.134417	487.5766	1389.213	0.289075	0.49403	299.3161	74.76675	0.823245	100	1.9
2051.04	1690.04	343.6753	24.58523	0.257967	1.200096	491.8675	1433.271	0.292508	0.492943	296.0784	73.71612	0.812739	100	1.8
2051.192	1690.192	343.6805	24.55091	0.259349	1.264225	495.6563	1457.703	0.293842	0.488944	299.7542	74.91115	0.827058	100	1.9
2051.344	1690.344	343.6856	24.36268	0.25926	1.318384	498.3115	1481.495	0.293777	0.491872	295.8052	73.62873	0.819081	100	1.9
2051.497	1690.497	343.6907	24.3991	0.259726	1.372492	499.5186	1508.505	0.294239	0.492443	294.3788	73.17564	0.812855	100	1.8
2051.649	1690.649	343.6958	24.4353	0.260697	1.438916	499.5061	1520.873	0.295183	0.487721	299.5932	74.85801	0.830341	100	1.9
2051.802	1690.802	343.7009	24.47277	0.259677	1.496732	498.9858	1537.49	0.294231	0.505778	275.9866	67.74088	0.750274	100	1.6
2051.954	1690.954	343.7061	24.51217	0.256977	1.583652	498.8146	1548.123	0.29168	0.520417	259.3064	63.33431	0.700368	100	1.5
2052.106	1691.106	343.7112	24.53424	0.255773	1.613246	499.4978	1554.192	0.290553	0.517981	264.2235	64.59005	0.713631	100	1.6
2052.259	1691.259	343.7163	24.45443	0.255861	1.602061	500.7747	1569.059	0.290655	0.517473	264.7825	64.73498	0.717534	100	1.6
2052.411	1691.411	343.7214	24.30852	0.257779	1.607069	502.4804	1570.187	0.2925	0.534631	238.5599	58.37121	0.650822	100	1.3
2052.563	1691.563	343.7265	24.23126	0.260953	1.654541	504.4084	1573.479	0.295541	0.553457	208.3825	51.94587	0.581005	100	1
2052.716	1691.716	343.7317	24.15811	0.265426	1.652707	505.5646	1573.851	0.299825	0.543736	215.8871	53.4668	0.599804	100	1.1
2052.868	1691.868	343.7368	24.18069	0.269391	1.67069	505.2315	1579.773	0.303627	0.526286	234.7201	57.5055	0.644526	100	1.2
2053.021	1692.021	343.7419	24.19618	0.271347	1.651464	503.5964	1579.274	0.305514	0.500938	267.096	65.3396	0.731878	100	1.5
2053.173	1692.173	343.747	24.19973	0.270325	1.712606	501.7009	1577.005	0.304557	0.511915	253.2686	61.83659	0.692548	100	1.4
2053.326	1692.326	343.7522	24.13585	0.268477	1.728869	500.7263	1574.728	0.302812	0.536227	222.1263	54.76841	0.614991	100	1.1
2053.478	1692.478	343.7573	24.07642	0.267849	1.714904	500.6503	1563.954	0.302232	0.530191	231.2564	56.73744	0.638656	100	1.2
2053.63	1692.63	343.7624	23.89746	0.268457	1.729677	500.5714	1549.087	0.302832	0.526382	235.6848	57.72158	0.654532	100	1.3
2053.783	1692.783	343.7675	23.86414	0.266432	1.818602	500.0349	1546.38	0.300918	0.537534	222.9375	54.94019	0.623856	100	1.2
2053.935	1692.935	343.7726	23.68604	0.263761	1.975344	499.7336	1552.008	0.298389	0.536308	228.1181	56.05172	0.641201	100	1.3
2054.088	1693.088	343.7778	23.60728	0.263457	1.996157	500.7343	1558.978	0.298119	0.513394	260.113	63.53802	0.729239	100	1.7
2054.24	1693.24	343.7829	23.54748	0.2669	1.857038	503.2752	1570.051	0.301422	0.512691	256.5253	62.63859	0.720725	100	1.6
2054.392	1693.392	343.788	23.48819	0.267499	1.77324	506.9592	1587.924	0.302012	0.518013	248.3658	60.65386	0.699634	100	1.4
2054.545	1693.545	343.7931	23.43306	0.265205	1.780648	511.2086	1603.311	0.299843	0.511711	260.0563	63.52367	0.734446	100	1.6
2054.697	1693.697	343.7982	23.4689	0.263018	1.92851	514.988	1624.552	0.297776	0.499289	280.0499	68.88302	0.795218	100	1.9
2054.85	1693.85	343.8034	23.505	0.264403	2.144491	517.6907	1632.106	0.299116	0.49318	286.6312	70.79977	0.816117	100	2
2055.002	1694.002	343.8085	23.39054	0.269379	2.274046	519.3583	1651.063	0.303883	0.515407	249.3805	60.89628	0.705355	100	1.6
2055.154	1694.154	343.8136	23.26848	0.274494	2.291473	520.5272	1657.788	0.308789	0.537567	212.029	52.67895	0.613341	100	1.2
2055.307	1694.307	343.8187	23.42291	0.278233	2.232519	521.4485	1667.141	0.312383	0.536187	208.9738	52.064	0.602243	100	1.1
2055.459	1694.459	343.8238	23.41741	0.280043	2.226539	521.8903	1674.712	0.314134	0.542583	197.73	49.86621	0.576961	100	1
2055.612	1694.612	343.829	23.42265	0.280391	2.263918	522.3322	1676.081	0.314487	0.539874	200.9814	50.49143	0.584072	100	1.1
2055.764	1694.764	343.8341	23.4727	0.283411	2.281302	523.2153	1691.594	0.317398	0.545585	189.0833	48.24283	0.556893	100	0.9
2055.917	1694.917	343.8392	23.34158	0.287279	2.198297	524.47	1723.214	0.321124	0.538909	193.1547	49.00021	0.568778	100	0.9
2056.069	1695.069	343.8443	23.353	0.291623	2.119253	525.3817	1727.063	0.32531	0.531763	197.2395	49.77261	0.577472	100	0.9
2056.221	1695.221	343.8494	23.21855	0.292693	2.117713	525.2771	1737.271	0.326356	0.514275	219.9291	54.30607	0.633679	100	1.1
2056.374	1695.374	343.8546	23.08524	0.290216	2.172391	524.1406	1744.527	0.323998	0.519624	215.8021	53.4493	0.627246	100	1.1
2056.526	1695.526	343.8597	23.0431	0.287207	2.162392	522.2673	1719.581	0.321131	0.533933	200.0118	50.30412	0.59141	100	1
2056.678	1695.678	343.8648	23.14209	0.283963	2.162628	520.1559	1695.729	0.318041	0.546999	186.2442	47.72192	0.558687	100	0.9
2056.831	1695.831	343.8699	23.08789	0.28353	2.135123	518.2952	1680.831	0.317645	0.541613	194.224	49.20117	0.577347	100	1
2056.983	1695.983	343.875	22.95726	0.285016	2.130959	516.9871	1674.096	0.319088	0.549521	181.321	46.83239	0.552648	100	0.9
2057.136	1696.136	343.8802	22.83377	0.287978	2.120891	516.1777	1659.604	0.321946	0.536615	195.1853	49.38258	0.585864	100	1
2057.288	1696.288	343.8853	22.89283	0.289581	2.09035	515.5016	1647.246	0.323503	0.519908	216.0924	53.50909	0.633208	100	1.1
2057.44	1696.44	343.8904	22.95402	0.288455	2.080543	514.0125	1625.339	0.322442	0.517941	220.2715	54.37783	0.6418	100	1.1
2057.593	1696.593	343.8955	23.09901	0.285313	2.042629	510.7642	1589.021	0.319449	0.527897	210.6635	52.40314	0.614663	100	1.1
2057.745	1696.745	343.9006	23.1076	0.278641	2.062298	505.3467	1578.975	0.313078	0.528811	218.1937	53.94399	0.632512	100	1.2
2057.897	1696.897	343.9057	23.18587	0.268792	2.082036	499.0116	1568.715	0.303684	0.514571	250.8084	61.23948	0.715667	100	1.6
2058.05	1697.05	343.9109	23.26068	0.257306	2.180577	493.7784	1547.379	0.292754	0.506212	277.4271	68.14237	0.793817	100	2
2058.202	1697.202	343.916	23.33393	0.250708	2.130524	490.2633	1507.605	0.286499	0.499428	295.4218	73.50645	0.853661	100	2.3
2058.355	1697.355	343.9211	23.40706	0.24817	1.870234	487.7675	1476.03	0.284107	0.492271	308.5981	77.94988	0.902482	100	2.5
2058.507	1697.507	343.9262	23.47743	0.246709	1.685539	485.1098	1438.597	0.282739	0.515156	278.9053	68.55826	0.79141	100	2
2058.66	1697.66	343.9314	23.54423	0.244086	1.651612	480.9819	1423.445	0.280269	0.518265	278.0239	68.30981	0.786344	100	2
2058.812	1697.812	343.9365	23.512	0.241821	1.627964	474.5831	1408.312	0.278141	0.498325	308.4771	77.90657	0.898039	100	2.5
2058.964	1697.964	343.9416	23.60735	0.242503	1.522317	466.5332	1385.568	0.278806	0.480375	332.3304	87.67537	1.00663	100	2.9
2059.117	1698.117	343.9467	23.67853	0.241364	1.430105	459.8202	1377.168	0.277746	0.482145	331.3518	87.21463	0.998383	100	2.9
2059.269	1698.269	343.9518	23.75824	0.237585	1.376162	458.1818	1375.014	0.274185	0.462856	362.8845	106.5273	1.215442	100	3.8
2059.422	1698.422	343.957	23.84019	0.233131	1.313051	463.314	1365.76	0.26999	0.441281	398.4459	152.2735	1.731526	100	6.1
2059.574	1698.574	343.9621	23.92142	0.231584	1.26985	471.7203	1362.324	0.268546	0.432701	412.2793	186.1477	2.109655	100	7.8
2059.726	1698.726	343.9672	24.05873	0.236945	1.290139	477.567	1352.326	0.273635	0.44313	390.8633	138.7015	1.563117	100	5.3
2059.879	1698.879	343.9723	24.05188	0.243411	1.479655	476.7765	1342.455	0.279781	0.447998	375.6643	118.5477	1.33638	100	4.2
2060.031	1699.031	343.9774	24.19129	0.245899	1.645628	469.2156	1336.068	0.28216	0.444033	377.8528	120.9921	1.356212	100	4.3
2060.184	1699.184	343.9826	24.33392	0.240192	1.678671	459.1269	1331.973	0.276767	0.433165	400.294	156.0451	1.739055	100	6.1
2060.336	1699.336	343.9877	24.47921	0.231163	1.559663	450.2512	1326.918	0.268243	0.428452	418.5617	206.8535	2.291859	100	8.7
2060.488	1699.488	343.9928	24.62871	0.227156	1.328476	444.5512	1315.861	0.264478	0.403746	457.8505	319.7844	3.521984	100	14.2
2060.641	1699.641	343.9979	24.57538	0.226781	1.102399	442.5382	1300.611	0.264143	0.375392	497.4431	412.5507	4.55342	100	18.7
2060.793	1699.793	344.003	24.77658	0.229415	0.946495	445.0853	1305.393	0.266648	0.381814	485.1226	385.5035	4.220983	100	17
2060.946	1699.946	344.0082	24.79139	0.231828	0.888851	453.5837	1324.897	0.268948	0.402884	452.8724	306.8275	3.357603	100	13.1
2061.098	1700.098	344.0133	24.76801	0.23569	0.870531	466.5503	1341.326	0.272619	0.438104	399.2028	153.7942	1.684544	100	5.7
2061.25	1700.25	344.0184	24.8413	0.239031	0.874839	480.3233	1361.219	0.275801	0.48327	332.4822	87.74742	0.958343	100	2.5
2061.403	1700.403	344.0235	24.81925	0.247342	0.914866	491.2257	1416.805	0.2837	0.520869	269.6944	66.02832	0.721773	100	1.5
2061.555	1700.555	344.0286	24.79348	0.259117	1.075156	497.6535	1428.372	0.294915	0.539322	228.7528	56.18962	0.614857	100	1
2061.708	1700.708	344.0338	24.77277	0.271236	1.182968	500.4707	1439.882	0.306492	0.51475	246.6855	60.25506	0.659892	100	1.1
2061.86	1700.86	344.0389	24.75986	0.276534	1.283981	501.2617	1475.547	0.311575	0.480401	287.0741	70.93193	0.777228	100	1.5
2062.012	1701.012	344.044	24.75163	0.275337	1.405637	501.5256	1497.023	0.310449	0.477185	293.0652	72.76287	0.797559	100	1.6
2062.165	1701.165	344.0491	24.75406	0.273933	1.494579	502.1642	1532.747	0.309127	0.484559	284.7137	70.23231	0.769756	100	1.6
2062.317	1701.317	344.0543	24.83613	0.273951	1.521637	503.657	1552.294	0.309163	0.503368	258.7071	63.18352	0.69026	100	1.3
2062.47	1701.47	344.0594	24.91097	0.278164	1.439636	505.3977	1552.009	0.313211	0.526445	221.275	54.58876	0.594611	100	0.9

2062.622	1701.622	344.0645	24.69414	0.282195	1.359999	506.0426	1544.394	0.317088	0.526148	216.3351	53.55913	0.588434	100	0.8
2062.774	1701.774	344.0696	24.47552	0.284116	1.343781	505.068	1540.252	0.318947	0.522824	218.3552	53.97756	0.598245	100	0.8
2062.927	1701.927	344.0747	24.31771	0.282192	1.409367	502.677	1535.743	0.317123	0.522624	221.1487	54.56217	0.608592	100	0.9
2063.079	1702.079	344.0799	24.29384	0.277284	1.510851	499.095	1538.727	0.312444	0.508533	247.0522	60.34181	0.673717	100	1.2
2063.232	1702.232	344.085	24.3062	0.272755	1.570983	493.7221	1538.403	0.308133	0.481885	289.7756	71.74739	0.800668	100	1.7
2063.384	1702.384	344.0901	24.25488	0.267601	1.613865	487.0599	1535.051	0.30323	0.457482	330.2169	86.68806	0.969424	100	2.4
2063.536	1702.536	344.0952	24.24643	0.260511	1.725916	481.6427	1521.053	0.296489	0.413864	399.7129	154.8376	1.732147	100	5.5
2063.689	1702.689	344.1004	24.13096	0.252729	1.783393	478.9912	1510.922	0.289103	0.423676	396.365	148.2579	1.666372	100	5.4
2063.841	1702.841	344.1055	24.04309	0.243719	1.879235	479.3058	1505.522	0.280566	0.471757	341.7938	92.49209	1.043335	100	3.2
2063.994	1702.994	344.1106	23.97771	0.235213	2.05539	482.2024	1500.993	0.272528	0.500637	313.0317	79.57299	0.900026	100	2.8
2064.146	1703.146	344.1157	24.1944	0.230113	2.324505	486.6899	1497.396	0.267725	0.488314	336.6669	89.79704	1.006719	100	3.4
2064.298	1703.298	344.1208	24.02725	0.234625	2.366658	491.6729	1496.287	0.27201	0.485903	334.0806	88.51559	0.999161	100	3.3
2064.451	1703.451	344.126	23.95267	0.247411	2.215052	495.3981	1495.79	0.284145	0.486266	316.8328	81.02567	0.917431	100	2.7
2064.603	1703.603	344.1311	23.91456	0.259144	2.073377	496.3544	1491.801	0.29532	0.483881	304.7017	76.58062	0.868473	100	2.3
2064.756	1703.756	344.1362	23.84366	0.263651	2.019232	494.319	1483.314	0.299633	0.467337	321.5815	82.92944	0.943239	100	2.5
2064.908	1703.908	344.1413	23.77346	0.261361	1.929928	489.9623	1469.761	0.29747	0.481052	305.6396	76.90565	0.877281	100	2.2
2065.061	1704.061	344.1464	23.71986	0.255343	1.944797	484.7513	1442.38	0.291759	0.494398	295.1043	73.40544	0.839228	100	2.2
2065.213	1704.213	344.1516	23.7049	0.250684	1.927744	480.1469	1428.01	0.287348	0.49848	295.5578	73.54976	0.841411	100	2.2
2065.365	1704.365	344.1567	23.53757	0.247742	1.746031	477.3969	1412.531	0.284573	0.496429	302.2171	75.73305	0.872474	100	2.3
2065.518	1704.518	344.1618	23.4672	0.245627	1.555658	476.775	1397.542	0.282584	0.500392	299.4927	74.8249	0.864573	100	2.3
2065.67	1704.67	344.1669	23.51274	0.241121	1.433832	477.7089	1382.67	0.278331	0.497065	309.9543	78.43871	0.904606	100	2.5
2065.822	1704.822	344.172	23.56217	0.236912	1.360563	478.4999	1370.527	0.274363	0.488096	327.8063	85.59623	0.985119	100	2.9
2065.975	1704.975	344.1772	23.4692	0.2363	1.330623	477.2458	1365.97	0.273802	0.490901	324.709	84.24322	0.973349	100	2.8
2066.127	1705.127	344.1823	23.29754	0.238306	1.408445	474.3847	1361.268	0.275721	0.48933	324.2302	84.03876	0.978062	100	2.8
2066.28	1705.28	344.1874	23.38739	0.237914	1.508654	472.2035	1358.164	0.275368	0.462622	361.5731	105.4759	1.222908	100	3.9
2066.432	1705.432	344.1925	23.36881	0.232432	1.592284	471.7209	1356.198	0.2702	0.458772	374.0182	116.7928	1.355197	100	4.6
2066.584	1705.584	344.1976	23.39886	0.225683	1.634754	472.0644	1354.941	0.263846	0.462543	377.583	120.6836	1.398584	100	5
2066.737	1705.737	344.2028	23.52195	0.223923	1.649705	471.5564	1353.936	0.262204	0.470551	368.7984	111.6576	1.287313	100	4.5
2066.889	1705.889	344.2079	23.5627	0.229417	1.607796	470.1181	1348.757	0.267408	0.462481	372.753	115.49	1.32924	100	4.6
2067.042	1706.042	344.213	23.62837	0.236242	1.50375	468.6671	1339.774	0.27388	0.447997	383.8104	128.3637	1.473375	100	5
2067.194	1706.194	344.2181	23.63069	0.240835	1.350645	467.54	1328.596	0.278249	0.46218	358.2089	102.9064	1.181072	100	3.6
2067.346	1706.346	344.2232	23.55213	0.24206	1.243428	466.5052	1326.272	0.279428	0.452849	369.4573	112.2722	1.29282	100	4
2067.499	1706.499	344.2284	23.47105	0.241319	1.213118	465.3686	1326.434	0.278745	0.442962	384.0438	128.6759	1.486778	100	4.8
2067.651	1706.651	344.2335	23.39367	0.237397	1.208324	465.0352	1325.927	0.275049	0.43432	401.0717	157.6932	1.828029	100	6.3
2067.804	1706.804	344.2386	23.45938	0.230943	1.216389	465.9725	1327.125	0.268964	0.458917	375.5241	118.3955	1.368697	100	4.6
2067.956	1706.956	344.2437	23.4786	0.225142	1.243116	468.1543	1334.315	0.263506	0.481711	351.6008	98.33384	1.135871	100	3.7
2068.108	1707.108	344.2488	23.64912	0.223391	1.30232	470.6794	1338.779	0.261873	0.497982	331.4001	87.23722	1.000532	100	3.2
2068.261	1707.261	344.254	23.74299	0.225847	1.341772	473.0867	1347.134	0.264208	0.496358	330.4197	86.78158	0.991436	100	3.1
2068.413	1707.413	344.2591	23.76635	0.228528	1.390765	475.8053	1364.298	0.266758	0.497721	325.0191	84.37627	0.963033	100	2.9
2068.566	1707.566	344.2642	23.76317	0.233241	1.389333	479.0226	1377.584	0.27123	0.498807	317.3492	81.22772	0.92723	100	2.7
2068.718	1707.718	344.2693	23.83928	0.238492	1.37295	482.3414	1394.676	0.276218	0.526044	272.8786	66.88679	0.76113	100	1.9
2068.87	1707.87	344.2744	23.8868	0.246012	1.349553	485.2252	1404.182	0.283366	0.547448	233.4761	57.22828	0.649952	100	1.3
2069.023	1708.023	344.2796	24.04207	0.249342	1.408865	486.6418	1413.293	0.286546	0.546536	230.3457	56.53747	0.638027	100	1.3
2069.175	1708.175	344.2847	24.16233	0.249411	1.477015	485.61	1417.494	0.286631	0.534942	246.2291	60.14731	0.675443	100	1.5
2069.328	1708.328	344.2898	24.24591	0.249029	1.556978	481.9806	1416.552	0.286287	0.526778	257.9695	62.99859	0.705069	100	1.6
2069.48	1708.48	344.2949	24.22666	0.250474	1.600718	476.8267	1416.116	0.287678	0.520701	264.4368	64.64531	0.724073	100	1.7
2069.632	1708.632	344.3	24.45824	0.249493	1.618404	472.6891	1415.13	0.286765	0.498247	296.6832	73.91023	0.82014	100	2.1
2069.785	1708.785	344.3052	24.62354	0.244007	1.555961	471.9844	1414.246	0.281577	0.46702	346.9356	95.43027	1.051955	100	3.1
2069.937	1708.937	344.3103	24.66017	0.237987	1.454963	475.6145	1419.87	0.275891	0.470978	349.3201	96.88385	1.06643	100	3.2
2070.09	1709.09	344.3154	24.81816	0.235765	1.365182	481.6326	1421.901	0.273807	0.498669	313.9831	79.93103	0.874329	100	2.4
2070.242	1709.242	344.3205	24.97971	0.238488	1.364768	487.1362	1424.658	0.276403	0.521505	278.8871	68.55311	0.745114	100	1.8
2070.395	1709.395	344.3257	25.06615	0.246374	1.426656	489.8518	1428.994	0.283898	0.540904	241.7727	59.10743	0.640279	100	1.3
2070.547	1709.547	344.3308	25.25975	0.254798	1.464567	489.4741	1434.857	0.291921	0.536282	237.0792	58.03556	0.623945	100	1.2
2070.699	1709.699	344.3359	25.46221	0.259994	1.428586	488.4549	1433.528	0.296886	0.528455	241.0307	58.93641	0.628694	100	1.2
2070.852	1709.852	344.341	25.55879	0.259295	1.380877	489.9033	1435.458	0.296239	0.515801	259.3849	63.3541	0.673323	100	1.3
2071.004	1710.004	344.3461	25.43689	0.259154	1.3212	494.7305	1440.147	0.296124	0.520612	252.904	61.74764	0.65934	100	1.3
2071.156	1710.156	344.3512	25.31508	0.268196	1.225649	500.5486	1440.185	0.304762	0.503336	264.8246	64.74591	0.694626	100	1.3
2071.309	1710.309	344.3564	25.33006	0.285157	1.125078	503.9024	1437.467	0.321004	0.49596	252.5901	61.67117	0.661262	100	1
2071.461	1710.461	344.3615	25.38113	0.300196	1.090101	503.1024	1436.774	0.335461	0.47084	267.3052	65.39467	0.69981	100	1
2071.614	1710.614	344.3666	25.46321	0.301956	1.149681	498.6569	1436.156	0.337172	0.454214	287.8873	71.17572	0.759275	100	1.2
2071.766	1710.766	344.3717	25.49081	0.291877	1.300858	492.7122	1439.299	0.327506	0.461197	291.5907	72.30455	0.770506	100	1.3
2071.918	1710.918	344.3768	25.55482	0.276413	1.479201	487.6759	1439.137	0.312708	0.481723	283.6856	69.93118	0.743392	100	1.5
2072.071	1711.071	344.382	25.6578	0.26486	1.590195	484.6847	1444.872	0.301694	0.468808	316.7072	80.97671	0.857432	100	2
2072.223	1711.223	344.3871	25.85889	0.257468	1.613596	483.4242	1447.238	0.29467	0.459607	339.0977	91.04791	0.956737	100	2.5
2072.375	1711.375	344.3922	26.02842	0.253641	1.608099	482.8751	1449.415	0.291047	0.465106	336.5089	89.71733	0.936752	100	2.5
2072.528	1711.528	344.3973	26.12054	0.251134	1.61303	482.6403	1451.419	0.288683	0.47115	331.4307	87.25156	0.907872	100	2.4
2072.68	1711.68	344.4024	26.30438	0.252336	1.578176	482.4977	1450.004	0.289844	0.46485	338.5221	90.74748	0.9378	100	2.5
2072.833	1711.833	344.4076	26.49395	0.254903	1.548372	482.1804	1446.999	0.292305	0.445351	362.0349	105.8427	1.086156	100	3.1
2072.985	1711.985	344.4127	26.49741	0.256709	1.542397	481.4502	1449.069	0.294041	0.440065	366.9326	109.9662	1.128338	100	3.2
2073.138	1712.138	344.4178	26.42838	0.255862	1.584907	480.8026	1451.53	0.293254	0.440089	367.9872	110.9135	1.140976	100	3.3
2073.29	1712.29	344.4229	26.64627	0.254438	1.602523	481.2507	1454.041	0.291918	0.450274	355.7748	101.1533	1.032266	100	2.9
2073.442	1712.442	344.4281	26.56515	0.252262	1.63767	483.5311	1458.178	0.289868	0.453035	354.794	100.4704	1.028367	100	2.9
2073.595	1712.595	344.4332	26.57386	0.248405	1.687984	487.7263	1468.056	0.286222	0.46269	346.5006	95.17163	0.973829	100	2.8
2073.747	1712.747	344.4383	26.58698	0.246614	1.741493	492.8934	1474.489	0.284541	0.473673	333.6643	88.3138	0.903231	100	2.5
2073.9	1712.9	344.4434	26.55219	0.253097	1.694821	497.3554	1479.985	0.290718	0.49571	294.7287	73.28629	0.750504	100	1.8
2074.052	1713.052	344.4485	26.46706	0.263511	1.641904	499.4389	1482.173	0.300652	0.50552	267.4821	65.44129	0.67228	100	1.4
2074.204	1713.204	344.4537	26.39604	0.265785	1.705457	498.693	1484.141	0.302839	0.470098	313.3461	79.6909	0.820829	100	1.9
2074.357	1713.357	344.4588	26.28013	0.256673	1.883585	495.8764	1482.314	0.294177	0.449532	353.6823	99.71179	1.031488	100	2.9
2074.509	1713.509	344.4639	26.16927	0.242516	2.137015	492.4946	1481.983	0.280748	0.43349	394.3516	144.5902	1.501956	100	5.2
2074.662	1713.662	344.469	26.09008	0.233641	2.179708	490.1766	1478.461	0.272364	0.45517	376.0036	118.9182	1.238966	100	4.3

2074.814	1713.814	344.4742	26.00787	0.23373	2.102766	489.1796	1471.353	0.272466	0.444793	390.1827	137.6167	1.438231	100	5.1
2074.966	1713.966	344.4793	25.86779	0.237388	1.9355	488.6941	1467.03	0.275946	0.449193	379.3086	122.6925	1.289072	100	4.3
2075.119	1714.119	344.4844	25.69819	0.242801	1.777645	487.8972	1463.89	0.281094	0.452546	367.5771	110.5424	1.168939	100	3.7
2075.271	1714.271	344.4895	25.82344	0.244632	1.762976	486.3668	1458.038	0.282849	0.455902	360.5238	104.6552	1.101435	100	3.4
2075.424	1714.424	344.4946	25.63009	0.246435	1.742828	484.4806	1446.486	0.284579	0.452982	362.1664	105.9479	1.123295	100	3.4
2075.576	1714.576	344.4998	25.44283	0.24943	1.654155	483.0455	1439.354	0.287441	0.455116	355.2713	100.8011	1.076452	100	3.1
2075.729	1714.729	344.5049	25.36386	0.250366	1.588481	482.4361	1430.923	0.288349	0.453418	356.3621	101.5686	1.087972	100	3.1
2075.881	1714.881	344.51	25.27076	0.245617	1.613346	482.9698	1426.162	0.283859	0.457158	357.3968	102.312	1.09991	100	3.3
2076.033	1715.033	344.5151	25.20163	0.238771	1.682484	484.65	1416.688	0.277388	0.461337	360.5594	104.6827	1.128438	100	3.6
2076.186	1715.186	344.5202	25.11131	0.237078	1.674569	487.0129	1411.432	0.275804	0.463267	360.0819	104.3149	1.128457	100	3.6
2076.338	1715.338	344.5254	25.11377	0.245016	1.528546	488.7057	1412.192	0.283345	0.477711	329.7434	86.4708	0.935343	100	2.6
2076.49	1715.49	344.5305	25.13425	0.254248	1.403878	488.7029	1407.37	0.292133	0.489727	301.0326	75.33557	0.814252	100	1.9
2076.643	1715.643	344.5356	25.23292	0.257194	1.38238	487.3027	1402.576	0.294955	0.492427	293.4137	72.87195	0.784608	100	1.8
2076.795	1715.795	344.5407	25.22506	0.252054	1.426896	485.3086	1394.26	0.290085	0.493203	299.0627	74.6835	0.804368	100	1.9
2076.948	1715.948	344.5459	25.06867	0.245756	1.503709	483.4131	1393.088	0.284122	0.481033	324.0853	83.97713	0.910014	100	2.5
2077.1	1716.1	344.551	24.90752	0.242055	1.554981	481.5174	1394.922	0.280631	0.457383	361.5403	105.4499	1.149978	100	3.5
2077.252	1716.252	344.5561	24.75301	0.241338	1.550641	479.9615	1388.926	0.27997	0.449745	372.9936	115.7347	1.269897	100	4
2077.405	1716.405	344.5612	24.69223	0.242721	1.534182	479.5839	1379.966	0.2813	0.448059	373.485	116.2389	1.278531	100	4
2077.557	1716.557	344.5663	24.50829	0.245233	1.48	480.613	1375.118	0.283701	0.463877	348.3428	96.28063	1.066837	100	3.1
2077.709	1716.709	344.5714	24.31071	0.246401	1.478288	482.2679	1366.847	0.284828	0.452022	363.1463	106.7407	1.192215	100	3.6
2077.862	1716.862	344.5766	24.34984	0.245968	1.519054	483.5923	1360.683	0.284436	0.438233	382.7164	126.9249	1.41543	100	4.5
2078.014	1717.014	344.5817	24.38711	0.247746	1.573862	484.7454	1355.102	0.286143	0.426634	396.3669	148.2615	1.6509	100	5.4
2078.167	1717.167	344.5868	24.4225	0.252944	1.486924	486.2634	1348.954	0.2911	0.411017	411.0785	182.6237	2.030646	100	6.8
2078.319	1717.319	344.5919	24.38014	0.258902	1.235523	488.7884	1347.008	0.296788	0.409471	405.3634	167.4892	1.865568	100	5.9
2078.472	1717.472	344.5971	24.26013	0.263912	1.01034	491.8564	1345.082	0.301581	0.410443	397.4077	150.2405	1.681615	100	5
2078.624	1717.624	344.6022	24.08795	0.266144	0.905184	493.7524	1343	0.303728	0.435666	359.6366	103.9751	1.171984	100	2.9
2078.776	1717.776	344.6073	23.98144	0.266382	0.977743	493.578	1340.138	0.303974	0.452989	335.3905	89.15849	1.009385	100	2.4
2078.929	1717.929	344.6124	23.88149	0.263162	1.115295	490.6503	1340.832	0.300921	0.445931	349.3444	96.89897	1.101557	100	2.8
2079.081	1718.081	344.6175	23.86142	0.261771	1.170073	484.4325	1340.298	0.299615	0.421869	384.3519	129.091	1.468753	100	4.2
2079.234	1718.234	344.6227	23.98072	0.259646	1.169248	476.77	1338.991	0.297609	0.412169	400.5065	156.4918	1.771794	100	5.5
2079.386	1718.386	344.6278	24.12937	0.254678	1.147923	471.2541	1342.978	0.2929	0.392004	434.8334	257.0958	2.893183	100	10
2079.538	1718.538	344.6329	24.08486	0.246284	1.196822	470.0095	1347.719	0.284944	0.368446	478.323	369.9049	4.170289	100	15.6
2079.691	1718.691	344.638	24.06825	0.238192	1.232991	472.5725	1353.877	0.277291	0.372792	482.8855	380.4258	4.291868	100	16.7
2079.843	1718.843	344.6431	24.06906	0.235596	1.263172	476.1008	1364.513	0.274852	0.369699	490.5193	397.5387	4.484833	100	17.8
2079.996	1718.996	344.6483	24.22385	0.237131	1.275283	478.8829	1376.017	0.276324	0.396099	452.0571	304.675	3.415583	100	13.1
2080.148	1719.148	344.6534	24.13264	0.240064	1.35255	481.2807	1388.298	0.27912	0.438708	389.3971	136.3891	1.534713	100	5.1
2080.3	1719.3	344.6585	24.20322	0.240467	1.505913	483.1324	1399.441	0.279521	0.46045	358.8399	103.3749	1.159891	100	3.6
2080.453	1719.453	344.6636	24.39868	0.238711	1.671946	484.1774	1407.599	0.277876	0.442622	385.7119	130.9636	1.457864	100	4.9
2080.605	1719.605	344.6687	24.27981	0.233725	1.889657	484.2665	1420.149	0.273177	0.411656	434.9312	257.3775	2.878927	100	11.2
2080.758	1719.758	344.6739	24.46733	0.228955	2.124355	484.2921	1429.974	0.268687	0.410885	442.1902	277.9225	3.085307	100	12.4
2080.91	1719.91	344.679	24.6508	0.229114	2.164721	485.4006	1437.569	0.268856	0.41872	431.1453	246.3583	2.7149	100	10.8
2081.062	1720.062	344.6841	24.56304	0.232627	2.040496	486.9283	1437.518	0.272194	0.428562	412.9564	188.1925	2.081219	100	7.9
2081.215	1720.215	344.6892	24.4913	0.234751	1.96157	487.0875	1435.398	0.274222	0.469063	354.2674	100.109	1.110309	100	3.6
2081.367	1720.367	344.6943	24.39656	0.234891	2.032584	485.3062	1432.823	0.274373	0.508344	299.8511	74.94314	0.834381	100	2.5
2081.52	1720.52	344.6995	24.3204	0.240062	1.990429	483.2264	1433.38	0.279288	0.507798	293.8213	72.99993	0.815262	100	2.3
2081.672	1720.672	344.7046	24.32738	0.246389	1.80833	482.9534	1437.471	0.285306	0.481429	321.9068	83.06376	0.927402	100	2.6
2081.824	1720.824	344.7097	24.23362	0.251233	1.566285	484.5129	1437.785	0.289925	0.459371	345.971	94.85933	1.063147	100	3
2081.977	1720.977	344.7148	24.226	0.251208	1.487118	486.5774	1436.384	0.28992	0.456754	349.5899	97.05224	1.088074	100	3.1
2082.129	1721.129	344.7199	24.19259	0.250539	1.534973	487.5526	1435.178	0.289302	0.465678	338.1269	90.54273	1.016487	100	2.8
2082.282	1721.282	344.7251	24.16902	0.250369	1.671131	486.4286	1432.98	0.28916	0.480524	317.8362	81.41935	0.914951	100	2.5
2082.434	1721.434	344.7302	24.13997	0.251297	1.732105	483.9009	1429.538	0.290061	0.461523	342.8145	93.05539	1.046963	100	3
2082.586	1721.586	344.7353	24.11995	0.253576	1.613154	481.1415	1427.424	0.292245	0.455561	348.0268	96.08781	1.081977	100	3.1
2082.739	1721.739	344.7404	24.02494	0.253198	1.472327	479.554	1428.116	0.291905	0.451325	354.3419	100.16	1.13224	100	3.2
2082.891	1721.891	344.7455	24.1023	0.251626	1.431958	479.7732	1428.512	0.29043	0.465093	337.3795	90.15893	1.015972	100	2.8
2083.043	1722.043	344.7506	24.18776	0.250231	1.449154	481.755	1431.82	0.289122	0.477122	322.5831	83.34473	0.935925	100	2.5
2083.196	1722.196	344.7558	24.06087	0.250283	1.425722	484.9691	1442.094	0.289191	0.469505	333.0003	87.99452	0.993287	100	2.7
2083.348	1722.348	344.7609	23.81449	0.251714	1.376872	488.1862	1444.832	0.29057	0.464375	338.176	90.56811	1.032781	100	2.8
2083.501	1722.501	344.766	23.72771	0.252642	1.410927	490.1363	1452.708	0.29147	0.46426	337.0925	90.0127	1.030164	100	2.8
2083.653	1722.653	344.7711	23.88728	0.254686	1.554103	490.562	1463.403	0.293432	0.490035	298.815	74.60228	0.848178	100	2.1
2083.806	1722.806	344.7763	24.01011	0.255782	1.678805	490.4829	1472.135	0.294494	0.500063	283.5113	69.88034	0.790493	100	1.9
2083.958	1722.958	344.7814	24.18538	0.25479	1.71666	491.2612	1481.195	0.293569	0.501292	283.0924	69.75838	0.783484	100	1.9
2084.11	1723.11	344.7865	24.41802	0.251537	1.723052	493.0144	1493.987	0.290495	0.494033	297.3525	74.12618	0.824735	100	2.1
2084.263	1723.263	344.7916	24.53817	0.250047	1.705921	494.8279	1498.198	0.289098	0.484925	311.8496	79.13304	0.876207	100	2.3
2084.415	1723.415	344.7967	24.64706	0.251129	1.731371	496.2698	1502.772	0.290144	0.489789	303.6925	76.23404	0.840447	100	2.2
2084.568	1723.568	344.8019	24.68015	0.250484	1.839809	497.6197	1510.881	0.28955	0.476835	322.3879	83.26337	0.916741	100	2.5
2084.72	1723.72	344.807	24.4578	0.248304	1.922569	499.341	1503.646	0.287499	0.499851	293.4577	72.88575	0.809671	100	2.2
2084.872	1723.872	344.8121	24.54058	0.247885	1.896403	500.8721	1492.117	0.28712	0.508952	281.4217	69.27551	0.767018	100	2
2085.025	1724.025	344.8172	24.68479	0.25337	1.88454	501.2088	1511.229	0.292349	0.536969	235.5414	57.6894	0.635072	100	1.4
2085.177	1724.177	344.8223	24.88893	0.258605	1.91341	499.926	1499.225	0.297349	0.535373	230.8439	56.64676	0.618569	100	1.3
2085.33	1724.33	344.8275	24.92131	0.258845	1.923496	497.1603	1500.267	0.297597	0.528621	239.8194	58.65852	0.639726	100	1.4
2085.482	1724.482	344.8326	24.99413	0.255917	1.874298	493.3148	1472.113	0.294828	0.50315	278.7901	68.52569	0.745204	100	1.8
2085.634	1724.634	344.8377	24.9659	0.250085	1.886535	488.7008	1463.605	0.289302	0.473199	327.7486	85.57053	0.931608	100	2.6
2085.787	1724.787	344.8428	24.75756	0.238006	2.146934	484.2932	1462.025	0.277865	0.454491	369.3491	112.1706	1.231323	100	4.1
2085.939	1724.939	344.848	24.67422	0.222874	2.459288	481.6828	1429.38	0.263587	0.426819	427.2405	234.7675	2.585689	100	10.7
2086.092	1725.092	344.8531	24.49814	0.210499	2.55994	481.607	1420.142	0.251961	0.429375	439.7565	271.1181	3.007205	100	13.4
2086.244	1725.244	344.8582	24.31978	0.21551	2.123907	483.4236	1406.794	0.25669	0.442658	414.9	194.302	2.170761	100	9
2086.396	1725.396	344.8633	24.38938	0.226767	1.655249	485.2688	1400.174	0.267315	0.45056	389.3326	136.2896	1.518377	100	5.5
2086.549	1725.549	344.8684	24.37428	0.238222	1.489887	485.3898	1396.975	0.278163	0.431401	400.8014	157.1162	1.75149	100	6.1
2086.701	1725.701	344.8736	24.36764	0.240169	1.498375	483.2464	1397.168	0.280026	0.431574	397.9923	151.3778	1.687992	100	5.8
2086.854	1725.854	344.8787	24.37103	0.238626	1.587188	479.7186	1399.149	0.278583	0.446043	380.0158	123.5412	1.377417	100	4.6

2087.006	1726.006	344.8838	24.37814	0.235123	1.680283	476.5746	1401.829	0.275286	0.451682	376.7844	119.7824	1.335139	100	4.5
2087.158	1726.158	344.8889	24.38196	0.232515	1.658048	475.5461	1403.847	0.272838	0.448216	384.9455	129.9001	1.447707	100	5
2087.311	1726.311	344.894	24.37917	0.228951	1.618243	476.4323	1404.632	0.269489	0.47058	358.7053	103.2745	1.151113	100	3.8
2087.463	1726.463	344.8992	24.46404	0.227417	1.565992	477.7822	1406.018	0.268059	0.465037	368.3274	111.2239	1.235496	100	4.2
2087.616	1726.616	344.9043	24.54969	0.227745	1.563978	479.1162	1408.121	0.268388	0.456228	380.0301	123.5584	1.367811	100	4.8
2087.768	1726.768	344.9094	24.55584	0.230915	1.580091	480.8914	1412.495	0.271401	0.435794	404.0716	164.4101	1.819616	100	6.7
2087.92	1726.92	344.9145	24.77255	0.235397	1.562631	483.68	1418.304	0.275657	0.445388	384.958	129.9173	1.425502	100	4.8
2088.073	1727.073	344.9197	24.70565	0.23945	1.566952	486.624	1426.087	0.279513	0.462427	356.1232	101.3991	1.115566	100	3.4
2088.225	1727.225	344.9248	24.58233	0.244149	1.570879	488.4788	1430.742	0.283985	0.472618	335.888	89.40594	0.988487	100	2.8
2088.378	1727.378	344.9299	24.50201	0.245764	1.616128	489.003	1439.004	0.285537	0.462385	347.8686	95.99173	1.064738	100	3.1
2088.53	1727.53	344.935	24.42682	0.246068	1.641128	489.2635	1447.708	0.285844	0.458806	352.383	98.84534	1.099726	100	3.3
2088.682	1727.682	344.9401	24.5632	0.243678	1.696974	490.3657	1451.66	0.283595	0.469332	340.961	92.03932	1.018416	100	3
2088.835	1727.835	344.9453	24.53758	0.2412	1.738123	491.9125	1453.758	0.281264	0.486777	320.1029	82.32536	0.911877	100	2.6
2088.987	1727.987	344.9504	24.50552	0.239705	1.793157	493.2752	1452.809	0.279867	0.480034	331.3359	87.20721	0.967206	100	2.9
2089.14	1728.14	344.9555	24.50789	0.240573	1.809116	493.8118	1450.275	0.280708	0.476796	334.6452	88.79117	0.984691	100	3
2089.292	1728.292	344.9606	24.39775	0.246618	1.707816	493.3421	1448.253	0.286459	0.465317	342.5487	92.9078	1.034936	100	3
2089.444	1728.444	344.9657	24.19785	0.251887	1.623306	492.6406	1452.554	0.291483	0.463754	337.774	90.36099	1.014771	100	2.8
2089.597	1728.597	344.9709	24.18719	0.253948	1.591907	492.6978	1451.527	0.293461	0.479455	313.3767	79.70241	0.895472	100	2.3
2089.749	1728.749	344.976	24.10605	0.251849	1.610456	494.07	1447.012	0.291483	0.493752	296.3757	73.81142	0.832047	100	2.1
2089.902	1728.902	344.9811	24.00406	0.251978	1.620498	495.5722	1435.153	0.291625	0.503271	283.0437	69.74422	0.789503	100	1.9
2090.054	1729.054	344.9862	24.14784	0.253847	1.645472	492.8413	1408.856	0.29342	0.505919	276.9126	67.99855	0.76523	100	1.8
2090.207	1729.207	344.9914	24.15017	0.255199	1.658872	481.4917	1390.808	0.294725	0.507771	272.5554	66.79891	0.751667	100	1.8
2090.359	1729.359	344.9965	24.01483	0.246883	1.844169	463.0667	1370.323	0.286842	0.490158	307.7396	77.6438	0.878566	100	2.4
2090.511	1729.511	345.0016	23.80766	0.227368	2.049056	447.5666	1331.455	0.268387	0.436215	407.6502	173.2368	1.977087	100	7.6
2090.664	1729.664	345.0067	23.69308	0.207664	1.82344	443.559	1307.856	0.24986	0.408055	472.0769	355.1301	4.072365	100	18.5
2090.816	1729.816	345.0118	23.70319	0.205169	1.210552	450.063	1299.913	0.24754	0.406088	477.9947	369.1391	4.231274	100	19.3
2090.968	1729.968	345.0169	23.70761	0.217969	0.838226	460.3333	1292.172	0.259583	0.443885	409.2132	177.3966	2.033065	100	7.8
2091.121	1730.121	345.0221	23.79268	0.233141	0.928993	468.0376	1287.128	0.273916	0.46802	356.1282	101.4026	1.158042	100	3.5
2091.273	1730.273	345.0272	23.87767	0.238475	1.063133	471.8866	1291.895	0.278982	0.466129	351.7461	98.4283	1.120138	100	3.3
2091.426	1730.426	345.0323	23.96577	0.238411	1.14075	473.7002	1305.442	0.27894	0.463124	355.9518	101.278	1.1484	100	3.4
2091.578	1730.578	345.0374	24.05716	0.236813	1.170878	475.3421	1313.024	0.277445	0.453264	371.6213	114.3571	1.29186	100	4.1
2091.73	1730.73	345.0425	23.97486	0.23408	1.214804	477.2732	1329.77	0.274879	0.463345	361.251	105.2221	1.192702	100	3.7
2091.883	1730.883	345.0477	23.97644	0.23443	1.273834	478.9025	1350.921	0.275228	0.47399	346.0794	94.92305	1.075904	100	3.3
2092.035	1731.035	345.0528	23.97196	0.23692	1.329137	479.8934	1358.889	0.277603	0.475711	340.4268	91.75208	1.040166	100	3.1
2092.188	1731.188	345.0579	23.96227	0.240829	1.350387	480.3097	1361.239	0.281324	0.474489	336.9776	89.95438	1.020204	100	2.9
2092.34	1731.34	345.063	23.87052	0.242314	1.369709	480.3257	1365.139	0.28275	0.474112	335.5306	89.22798	1.015816	100	2.9
2092.492	1731.492	345.0681	23.86431	0.239048	1.387581	480.4657	1365.072	0.279674	0.468504	347.5151	95.77789	1.090675	100	3.3
2092.645	1731.645	345.0733	23.78299	0.235408	1.446516	480.8819	1364.72	0.276246	0.479994	336.3887	89.65682	1.024429	100	3.1
2092.797	1731.797	345.0784	23.70388	0.232045	1.500315	480.8914	1363.629	0.273085	0.494411	320.8561	82.63175	0.947282	100	2.8
2092.95	1731.95	345.0835	23.63096	0.230174	1.593871	480.1581	1361.694	0.271336	0.506472	306.6258	77.25045	0.888301	100	2.6
2093.102	1732.102	345.0886	23.6839	0.227704	1.645747	479.231	1360.119	0.269022	0.508841	306.5495	77.22365	0.886042	100	2.7
2093.254	1732.254	345.0937	23.49668	0.225168	1.677344	478.6025	1358.524	0.266647	0.520471	293.7774	72.98614	0.844023	100	2.6
2093.407	1732.407	345.0989	23.55056	0.224091	1.670919	478.6503	1356.372	0.26565	0.506346	314.6461	80.18268	0.925159	100	2.9
2093.559	1732.559	345.104	23.66222	0.227395	1.601465	479.06	1354.913	0.268786	0.495539	325.2322	84.468	0.970071	100	3
2093.712	1732.712	345.1091	23.73976	0.231215	1.575001	479.3271	1354.965	0.272413	0.495264	320.6064	82.5299	0.944766	100	2.9
2093.864	1732.864	345.1142	23.7513	0.233985	1.561738	479.4796	1354.45	0.27505	0.504627	304.0463	76.35519	0.873671	100	2.5
2094.016	1733.016	345.1193	23.7536	0.231227	1.579567	479.6863	1356.749	0.272461	0.491263	326.0606	84.82701	0.970526	100	3
2094.169	1733.169	345.1245	23.66345	0.228571	1.571783	480.2676	1359.137	0.26997	0.486657	335.8549	89.38941	1.026585	100	3.3
2094.321	1733.321	345.1296	23.66574	0.2281	1.506496	481.4173	1358.966	0.269545	0.492333	328.6089	85.95584	0.987069	100	3.1
2094.474	1733.474	345.1347	23.66802	0.22934	1.48606	482.8752	1359.011	0.270734	0.50675	307.0722	77.40761	0.888831	100	2.6
2094.626	1733.626	345.1398	23.66235	0.230208	1.504075	484.0185	1360.886	0.271572	0.520468	286.9842	70.90508	0.814368	100	2.3
2094.778	1733.778	345.1449	23.74468	0.230911	1.539137	484.2253	1361.922	0.272255	0.523455	281.9203	69.41905	0.794579	100	2.2
2094.931	1733.931	345.1501	23.74697	0.233412	1.50082	483.6061	1362.573	0.274638	0.524164	277.6523	68.20548	0.780623	100	2.1
2095.083	1734.083	345.1552	23.82289	0.233565	1.493105	483.3172	1362.544	0.274802	0.526528	274.1646	67.2382	0.767139	100	2
2095.236	1734.236	345.1603	23.81165	0.2341	1.482051	484.0161	1363.121	0.275326	0.531235	266.9461	65.30019	0.745384	100	1.9
2095.388	1734.388	345.1654	23.80471	0.235634	1.472986	484.5752	1363.555	0.276796	0.529244	267.6656	65.48971	0.74777	100	1.9
2095.541	1734.541	345.1706	23.81987	0.240426	1.43551	483.6354	1360.811	0.281353	0.509019	289.2879	71.59898	0.817022	100	2.1
2095.693	1734.693	345.1757	23.91891	0.242622	1.49766	480.8408	1357.698	0.283452	0.507287	288.7799	71.44496	0.811941	100	2.1
2095.845	1734.845	345.1808	24.01388	0.240665	1.595088	476.9159	1352.382	0.281616	0.509279	288.5657	71.3802	0.808048	100	2.1
2095.998	1734.998	345.1859	24.0162	0.232885	1.655791	473.1658	1347.463	0.274271	0.49743	315.0528	80.33794	0.909377	100	2.7
2096.15	1735.15	345.191	24.01851	0.224255	1.651101	470.1363	1339.141	0.266139	0.47115	362.541	106.2491	1.202574	100	4.2
2096.302	1735.302	345.1961	24.02083	0.217023	1.653475	468.6311	1333.847	0.259345	0.450071	401.0066	157.5538	1.783114	100	7
2096.455	1735.455	345.2013	24.02314	0.217264	1.588871	469.0284	1332.196	0.25959	0.446246	405.9462	168.9172	1.911559	100	7.6
2096.607	1735.607	345.2064	24.02546	0.220973	1.509156	470.7179	1329.723	0.263101	0.451635	393.6639	143.384	1.622476	100	6.1
2096.76	1735.76	345.2115	24.02778	0.226756	1.447846	472.3854	1329.178	0.268573	0.465731	366.6609	109.7257	1.241507	100	4.2
2096.912	1735.912	345.2166	24.03009	0.229804	1.431566	473.1858	1331.183	0.27147	0.47791	345.8564	94.79216	1.07245	100	3.4
2097.064	1736.064	345.2218	24.12482	0.230623	1.450098	473.5195	1333.726	0.272262	0.474151	349.949	97.27764	1.096318	100	3.5
2097.217	1736.217	345.2269	24.21827	0.2313	1.472655	474.0213	1338.846	0.272921	0.49374	322.007	83.10523	0.933042	100	2.8
2097.369	1736.369	345.232	24.23283	0.233581	1.433082	475.2441	1344.98	0.275096	0.500419	309.7894	78.37892	0.879467	100	2.5
2097.521	1736.521	345.2371	24.24858	0.233791	1.402465	477.1656	1351.1	0.275313	0.509211	297.3578	74.12793	0.831244	100	2.3
2097.674	1736.674	345.2422	24.25954	0.233701	1.387898	478.8329	1353.791	0.275247	0.504142	304.4436	76.49169	0.857378	100	2.4
2097.826	1736.826	345.2474	24.24526	0.233826	1.386222	479.6335	1356.859	0.275383	0.50348	305.1681	76.7419	0.860691	100	2.4
2097.979	1736.979	345.2525	24.2283	0.23717	1.323511	479.8812	1357.872	0.278566	0.487984	322.1606	83.16892	0.933427	100	2.6
2098.131	1737.131	345.2576	24.20885	0.238248	1.32092	479.8973	1362.835	0.279605	0.471097	344.0315	93.7396	1.05291	100	3.1
2098.284	1737.284	345.2627	24.18257	0.233868	1.397793	479.8975	1367.112	0.275479	0.464052	359.4472	103.8316	1.167529	100	3.7
2098.436	1737.436	345.2678	24.22746	0.225536	1.525596	479.8404	1370.34	0.267627	0.464171	370.1179	112.8977	1.267167	100	4.4
2098.588	1737.588	345.273	24.30657	0.21989	1.627058	479.7264	1373.753	0.262323	0.467931	372.2503	114.9831	1.286446	100	4.7
2098.741	1737.741	345.2781	24.36448	0.21893	1.652698	479.6153	1372.781	0.261437	0.466274	375.7584	118.6501	1.324378	100	4.9
2098.893	1737.893	345.2832	24.28543	0.225245	1.570845	479.6757	1370.665	0.267408	0.476172	353.8602	99.83209	1.117918	100	3.7
2099.046	1738.046	345.2883	24.24166	0.231011	1.487983	479.8666	1368.736	0.272871	0.477058	345.0981	94.35082	1.058432	100	3.3

2099.198	1738.198	345.2935	24.24817	0.234504	1.409401	480.1239	1374.855	0.276192	0.515795	287.0585	70.92727	0.795463	100	2.1
2099.35	1738.35	345.2986	24.17848	0.234928	1.364196	480.7115	1378.909	0.276612	0.505406	300.8157	75.26322	0.846501	100	2.3
2099.503	1738.503	345.3037	24.23136	0.234309	1.332361	481.8423	1381.022	0.276045	0.510325	294.8098	73.312	0.822789	100	2.2
2099.655	1738.655	345.3088	24.18691	0.234991	1.302722	483.3859	1381.489	0.276709	0.494837	315.2664	80.41977	0.904207	100	2.5
2099.808	1738.808	345.3139	24.11238	0.236956	1.29397	484.6467	1379.868	0.278587	0.494414	313.259	79.6582	0.898385	100	2.5
2099.96	1738.96	345.3191	24.11089	0.239262	1.3018	485.1708	1384.328	0.280788	0.484759	323.5447	83.74821	0.94458	100	2.6
2100.112	1739.112	345.3242	24.11029	0.240941	1.304406	484.9424	1387.934	0.282398	0.482788	324.0439	83.95955	0.946997	100	2.6
2100.265	1739.265	345.3293	24.10125	0.239711	1.322674	483.8627	1391.525	0.281251	0.484248	323.6119	83.77659	0.945294	100	2.6
2100.417	1739.417	345.3344	24.03931	0.238914	1.335405	482.3608	1395.632	0.280515	0.52045	274.6695	67.37694	0.76219	100	1.9
2100.57	1739.57	345.3396	23.96693	0.2372	1.348064	481.1606	1395.018	0.278911	0.544739	243.3633	59.47605	0.674825	100	1.5
2100.722	1739.722	345.3447	23.96924	0.236747	1.338507	480.7892	1399.774	0.278501	0.53503	257.328	62.83836	0.712915	100	1.7
2100.875	1739.875	345.3498	23.88062	0.236059	1.349611	481.5039	1403.175	0.277868	0.517592	282.2653	69.51865	0.791602	100	2.1
2101.027	1740.027	345.3549	23.84118	0.235063	1.337959	483.3523	1413.143	0.276944	0.509665	294.4799	73.20756	0.834979	100	2.2
2101.179	1740.179	345.36	23.81051	0.234354	1.318045	485.9119	1418.02	0.276292	0.503127	304.4014	76.47716	0.87339	100	2.4
2101.332	1740.332	345.3652	23.77617	0.234034	1.343235	488.332	1421.333	0.276008	0.488883	324.4512	84.133	0.962203	100	2.8
2101.484	1740.484	345.3703	23.73865	0.236636	1.377251	489.7072	1425.827	0.278488	0.476829	337.6619	90.3034	1.034396	100	3.1
2101.636	1740.636	345.3754	23.66808	0.23953	1.417549	489.5042	1441.568	0.281247	0.490929	314.3978	80.08824	0.920098	100	2.6
2101.789	1740.789	345.3805	23.59336	0.242941	1.432432	488.145	1445.971	0.284498	0.516274	274.9352	67.45011	0.777338	100	1.9
2101.941	1740.941	345.3856	23.63558	0.243836	1.431747	486.8432	1449.776	0.285366	0.509567	282.9926	69.72939	0.802196	100	2
2102.094	1741.094	345.3908	23.7442	0.24119	1.445546	486.6338	1455.971	0.282875	0.490495	312.749	79.46726	0.910103	100	2.5
2102.246	1741.246	345.3959	23.84539	0.238889	1.451467	487.6406	1458.368	0.280714	0.499781	302.9166	75.96976	0.86641	100	2.4
2102.398	1741.398	345.401	23.84768	0.239711	1.425293	489.146	1458.605	0.281511	0.50977	288.0322	71.21931	0.812165	100	2.1
2102.551	1741.551	345.4061	23.84997	0.242114	1.413474	489.8003	1461.347	0.283807	0.523004	266.6021	65.20985	0.743573	100	1.8
2102.703	1741.703	345.4112	23.92912	0.242848	1.440694	489.07	1464.469	0.284521	0.516872	274.077	67.21417	0.763933	100	1.9
2102.855	1741.855	345.4163	24.00644	0.236027	1.586951	487.8635	1458.171	0.278079	0.487577	323.3947	83.68496	0.94812	100	2.8
2103.008	1742.008	345.4215	24.08552	0.225569	1.788973	486.9903	1316.633	0.268215	0.467309	364.9762	108.2663	1.222657	100	4.3
2103.16	1742.16	345.4266	24.18981	0.218079	1.883706	486.5109		0.261175	0.474603	364.6268	107.9703	1.214141	100	4.4
2103.313	1742.313	345.4317	24.29654	0.224678	1.666143	486.2126		0.267412	0.486206	340.0083	91.52873	1.024805	100	3.4
2103.465	1742.465	345.4368	24.40425	0.238113	1.361666	486.0728		0.280127	0.493186	312.8281	79.4968	0.886226	100	2.4
2103.618	1742.618	345.442	24.63236	0.248497	1.206907	486.1494		0.289992	0.493567	298.6887	74.56095	0.823625	100	2
2103.77	1742.77	345.4471	24.62137	0.249391	1.210834	486.1908		0.29086	0.493151	298.0654	74.35753	0.821748	100	2
2103.922	1742.922	345.4522	24.62068	0.246293	1.272462	486.064		0.287937	0.483932	314.8202	80.24909	0.886891	100	2.3
2104.075	1743.075	345.4573	24.5504	0.243638	1.311146	485.5685	1432.464	0.285437	0.480973	322.3545	83.24948	0.922656	100	2.5
2104.227	1743.227	345.4624	24.63117	0.241677	1.348202	484.6573	1431.577	0.283596	0.478007	328.988	86.12704	0.951475	100	2.6
2104.38	1743.38	345.4676	24.79403	0.238065	1.401001	483.7715	1429.092	0.280193	0.479268	331.9441	87.49275	0.96032	100	2.8
2104.532	1743.532	345.4727	24.77834	0.220927	1.68442	483.4573	1432.413	0.264024	0.464031	375.284	118.136	1.297482	100	4.7
2104.684	1743.684	345.4778	24.76585	0.194732	2.279879	484.0768	1441.436	0.239464	0.45976	415.0709	194.8566	2.141188	100	10
2104.837	1743.837	345.4829	24.72879	0.178957	2.854535	485.128	1436.7	0.224786	0.468367	423.4489	223.2872	2.457246	100	12.9
2104.989	1743.989	345.488	24.69273	0.190479	2.546151	485.976	1420.93	0.235531	0.492676	375.0745	117.9109	1.299474	100	5.9
2105.142	1744.142	345.4932	24.68083	0.211308	2.030891	486.3985	1420.227	0.255049	0.506549	328.9949	86.13016	0.949686	100	3.4
2105.294	1744.294	345.4983	24.67337	0.225407	1.767869	486.5002	1418.545	0.26834	0.491679	331.1739	87.13155	0.961024	100	3.1
2105.446	1744.446	345.5034	24.66541	0.227935	1.75383	486.1891	1416.667	0.270745	0.490808	329.0571	86.15836	0.950603	100	3
2105.599	1744.599	345.5085	24.59809	0.229713	1.750033	485.2048	1416.741	0.272443	0.486977	332.0012	87.5197	0.968237	100	3.1
2105.751	1744.751	345.5136	24.58938	0.231031	1.70503	483.8934	1412.185	0.273706	0.494623	319.7056	82.16484	0.909323	100	2.8
2105.904	1744.904	345.5188	24.58281	0.227048	1.758515	483.2456	1410.764	0.269963	0.488715	333.0245	88.00608	0.974235	100	3.1
2106.056	1745.056	345.5239	24.48516	0.224162	1.821015	483.8334	1412.955	0.267259	0.479801	349.0569	96.72037	1.074923	100	3.7
2106.208	1745.208	345.529	24.47207	0.226355	1.828626	485.1767	1416.632	0.269346	0.47315	355.3561	100.8602	1.121535	100	3.8
2106.361	1745.361	345.5341	24.46502	0.234515	1.699666	486.2026	1421.069	0.277075	0.491676	319.1235	81.93099	0.911317	100	2.7
2106.513	1745.513	345.5392	24.42104	0.242607	1.534472	486.4345	1428.244	0.284756	0.510089	283.1146	69.76484	0.777379	100	2
2106.666	1745.666	345.5444	24.45615	0.243806	1.506913	486.3649	1438.959	0.285911	0.519372	268.7089	65.7659	0.731791	100	1.8
2106.818	1745.818	345.5495	24.41898	0.241917	1.54812	486.9811	1444.531	0.284139	0.50895	285.537	70.47502	0.785375	100	2
2106.97	1745.97	345.5546	24.4147	0.238103	1.648226	488.5849	1455.006	0.280544	0.491851	314.0943	79.97313	0.891386	100	2.5
2107.123	1746.123	345.5597	24.41564	0.238524	1.641775	490.5984	1468.061	0.280961	0.494726	309.5517	78.29288	0.872635	100	2.5
2107.275	1746.275	345.5648	24.29386	0.242043	1.592827	491.7545	1479.086	0.284314	0.498021	300.3781	75.11769	0.841393	100	2.3
2107.428	1746.428	345.57	24.10357	0.245511	1.606963	491.2211	1485.818	0.287622	0.51382	274.0105	67.19594	0.758532	100	1.9
2107.58	1746.58	345.5751	23.99028	0.243792	1.732542	489.6111	1486.465	0.286009	0.491748	306.6949	77.27475	0.876381	100	2.4
2107.732	1746.732	345.5802	23.98168	0.238236	1.886065	488.1696	1486.047	0.280762	0.481809	327.6519	85.52748	0.970331	100	2.9
2107.885	1746.885	345.5853	23.89879	0.234175	1.899142	487.8076	1484.334	0.276938	0.474256	343.353	93.35642	1.062792	100	3.4
2108.037	1747.037	345.5904	23.90438	0.234483	1.793386	488.77	1489.635	0.277247	0.481051	333.5478	88.25757	1.004524	100	3.1
2108.189	1747.189	345.5956	23.91501	0.2369	1.690298	491.4472	1491.137	0.279553	0.489082	319.2838	81.99525	0.932849	100	2.8
2108.342	1747.342	345.6007	24.00818	0.240403	1.627266	495.582	1494.907	0.282889	0.4993	300.5793	75.18453	0.852096	100	2.3
2108.494	1747.494	345.6058	24.03455	0.243953	1.64246	499.6502	1504.13	0.286273	0.518469	269.4569	65.96493	0.746805	100	1.9
2108.647	1747.647	345.6109	24.04981	0.249985	1.62449	501.3556	1504.531	0.292018	0.53157	243.4491	59.49603	0.673155	100	1.5
2108.799	1747.799	345.616	24.06581	0.254184	1.655848	499.5582	1500.837	0.296027	0.543651	221.2451	54.58245	0.617163	100	1.2
2108.952	1747.952	345.6212	23.87559	0.254283	1.754712	495.2841	1498.856	0.29614	0.528562	241.9117	59.13953	0.673958	100	1.5
2109.104	1748.104	345.6263	23.81219	0.247954	1.796682	490.9398	1500.5	0.290143	0.513414	271.0911	66.40286	0.75873	100	1.9
2109.256	1748.256	345.6314	23.8243	0.240991	1.746979	488.4821	1498.39	0.283557	0.516254	276.2604	67.81691	0.774507	100	2
2109.409	1748.409	345.6365	23.90666	0.236946	1.680429	488.1328	1497	0.279745	0.540699	247.7869	60.51609	0.688783	100	1.7
2109.561	1748.561	345.6416	23.92201	0.235929	1.642572	488.9807	1489.445	0.2788	0.529043	265.176	64.83725	0.737506	100	1.9
2109.714	1748.714	345.6468	23.8392	0.236478	1.617115	489.8954	1482.032	0.279339	0.499784	304.8112	76.61844	0.874514	100	2.5
2109.866	1748.866	345.6519	24.02516	0.234753	1.660765	490.5751	1477.573	0.277725	0.464886	355.1961	100.7488	1.141157	100	3.7
2110.018	1749.018	345.657	24.20673	0.233477	1.784525	491.3535	1474.852	0.276537	0.459546	364.2057	107.6166	1.209935	100	4
2110.171	1749.171	345.6621	24.38487	0.232308	1.933925	492.4109	1474.982	0.27545	0.456541	369.8523	112.645	1.257357	100	4.3
2110.323	1749.323	345.6673	24.56713	0.23598	1.98699	493.3416	1473.399	0.278941	0.47731	336.3732	89.64904	0.993365	100	3.1
2110.476	1749.476	345.6724	24.7595	0.242053	1.917214	493.9419	1475.551	0.284712	0.486759	315.3708	80.45986	0.884727	100	2.5
2110.628	1749.628	345.6775	24.72027	0.247765	1.868021	494.7041	1471.808	0.290149	0.485808	309.1785	78.15827	0.860772	100	2.4
2110.78	1749.78	345.6826	24.74796	0.252255	1.823139	496.054	1469.975	0.294433	0.483549	306.3854	77.1661	0.848918	100	2.2
2110.933	1749.933	345.6877	24.84441	0.25703	1.752868	497.9277	1467.329	0.298993	0.472916	314.7654	80.22818	0.879239	100	2.3
2111.085	1750.085	345.6929	24.99281	0.267234	1.582051	499.3917	1471.193	0.308736	0.467396	308.9376	78.07162	0.850613	100	2
2111.238	1750.238	345.698	25.09094	0.274741	1.455257	499.827	1472.88	0.315925	0.469937	295.5113	73.53494	0.798109	100	1.7

2111.39	1750.39	345.7031	25.20425	0.275474	1.442497	499.3666	1474.638	0.316643	0.484275	274.7326	67.3943	0.728235	100	1.4
2111.542	1750.542	345.7082	25.31415	0.270488	1.545424	498.2678	1475.158	0.311898	0.507672	248.9933	60.80362	0.65422	100	1.2
2111.695	1750.695	345.7134	25.37311	0.267751	1.63259	497.0962	1476.642	0.309303	0.502161	260.1798	63.55493	0.682268	100	1.4
2111.847	1750.847	345.7185	25.4688	0.268762	1.614482	496.0896	1477.431	0.310287	0.479131	290.6029	72.00039	0.770085	100	1.7
2112	1751	345.7236	25.48184	0.271386	1.579161	495.2483	1482.096	0.312811	0.473578	294.7835	73.30364	0.783638	100	1.7
2112.152	1751.152	345.7287	25.56787	0.271075	1.576012	494.9879	1486.178	0.312532	0.478218	288.7647	71.44037	0.761202	100	1.6
2112.304	1751.304	345.7338	25.65045	0.267911	1.650018	495.6391	1489.85	0.30953	0.474252	298.3815	74.46057	0.790882	100	1.8
2112.457	1751.457	345.739	25.6671	0.263222	1.739413	497.0808	1493.611	0.305075	0.467976	313.1892	79.632	0.84528	100	2.1
2112.609	1751.609	345.7441	25.75709	0.260083	1.814495	498.9292	1494.829	0.302103	0.459287	329.2821	86.26045	0.912508	100	2.4
2112.762	1751.762	345.7492	25.8491	0.258844	1.843145	500.6506	1499.132	0.300942	0.454636	337.3029	90.11985	0.950013	100	2.6
2112.914	1751.914	345.7543	25.86838	0.260285	1.811426	502.0162	1503.398	0.302332	0.451306	339.9791	91.51324	0.964006	100	2.6
2113.066	1752.066	345.7594	25.80477	0.264142	1.753755	502.7721	1510.205	0.306027	0.456576	327.6087	85.50827	0.902939	100	2.3
2113.219	1752.219	345.7646	25.82321	0.270279	1.659774	502.5818	1513.25	0.311901	0.444397	336.3089	89.61672	0.945669	100	2.3
2113.371	1752.371	345.7697	25.81873	0.273326	1.637477	501.8545	1516.181	0.31483	0.45487	317.8139	81.41053	0.85923	100	2
2113.524	1752.524	345.7748	25.81283	0.27353	1.640253	501.4291	1520.275	0.315043	0.467536	300.0411	75.00599	0.791821	100	1.7
2113.676	1752.676	345.7799	25.71929	0.271564	1.672407	501.6707	1522.87	0.313183	0.489938	271.6923	66.56506	0.705229	100	1.4
2113.828	1752.828	345.785	25.69416	0.270058	1.69223	502.3218	1524.33	0.311764	0.464856	308.2652	77.8309	0.825386	100	1.9
2113.981	1752.981	345.7902	25.69458	0.269726	1.70673	503.0682	1522.735	0.311465	0.454364	323.1552	83.58417	0.886394	100	2.1
2114.133	1753.133	345.7953	25.69167	0.270433	1.709705	503.8494	1523.08	0.312158	0.450486	327.5514	85.48282	0.90664	100	2.2
2114.286	1753.286	345.8004	25.78901	0.271696	1.678266	504.5196	1519.53	0.313384	0.472397	295.6229	73.57054	0.777413	100	1.7
2114.438	1753.438	345.8055	25.89664	0.271022	1.631556	504.3927	1516.741	0.312758	0.475051	292.8247	72.68775	0.764958	100	1.6
2114.59	1753.59	345.8106	25.91362	0.266981	1.658557	502.8557	1517.156	0.308919	0.473982	299.597	74.85928	0.787313	100	1.8
2114.743	1753.743	345.8158	25.90462	0.261644	1.742529	500.1407	1514.262	0.303848	0.461219	324.2075	84.02913	0.884065	100	2.2
2114.895	1753.895	345.8209	25.82813	0.257308	1.814575	497.1716	1509.757	0.299738	0.479474	304.6888	76.57619	0.808004	100	2
2115.048	1754.048	345.826	25.80396	0.258399	1.744881	495.0344	1504.211	0.300794	0.459484	330.8158	86.96491	0.918476	100	2.4
2115.2	1754.2	345.8311	25.70532	0.261795	1.640376	493.9134	1501.806	0.304048	0.436838	357.5772	102.4432	1.086038	100	3
2115.353	1754.353	345.8363	25.60875	0.261875	1.617749	493.523	1499.367	0.304142	0.418263	383.0803	127.399	1.355621	100	4
2115.505	1754.505	345.8414	25.51322	0.257573	1.668529	493.8852	1497.047	0.300063	0.432967	368.4196	111.3084	1.188775	100	3.4
2115.657	1754.657	345.8465	25.33902	0.25294	1.729489	495.0632	1495.337	0.295674	0.441435	362.7899	106.4504	1.144587	100	3.4
2115.81	1754.81	345.8516	25.17017	0.254487	1.688128	496.9847	1494.265	0.297163	0.467982	324.0999	83.98335	0.908983	100	2.4
2115.962	1754.962	345.8567	25.22895	0.259076	1.645872	498.652	1494.048	0.301549	0.492683	283.96	70.01132	0.75603	100	1.7
2116.114	1755.114	345.8618	25.21913	0.262528	1.647013	499.4145	1497.414	0.304856	0.501164	267.6931	65.49696	0.707559	100	1.5
2116.267	1755.267	345.867	25.20909	0.263456	1.716863	499.4112	1499.002	0.30576	0.50194	265.375	64.88906	0.701275	100	1.5
2116.419	1755.419	345.8721	25.08251	0.260371	1.838118	498.6333	1493.141	0.302838	0.484321	293.7199	72.96805	0.792511	100	1.9
2116.572	1755.572	345.8772	25.01355	0.254434	1.955776	496.8771	1488.718	0.297206	0.48059	306.6415	77.25598	0.841369	100	2.2
2116.724	1755.724	345.8823	24.93948	0.252245	1.9112	494.1018	1486.201	0.295142	0.488899	298.0227	74.34366	0.812028	100	2.1
2116.876	1755.876	345.8874	24.86021	0.255359	1.813763	490.866	1480.362	0.298122	0.49398	286.8992	70.8797	0.776632	100	1.9
2117.029	1756.029	345.8926	24.77803	0.261529	1.685402	488.3063	1469.658	0.304015	0.499423	271.2558	66.44726	0.730452	100	1.6
2117.181	1756.181	345.8977	24.77072	0.263311	1.598938	487.5506	1465.648	0.305731	0.507826	257.2904	62.82896	0.690885	100	1.4
2117.333	1756.333	345.9028	24.80433	0.260979	1.572382	488.2082	1463.845	0.303527	0.504049	265.5444	64.93323	0.713079	100	1.5
2117.486	1756.486	345.9079	24.81087	0.260305	1.57119	489.1927	1462.037	0.302904	0.464891	320.4429	82.46334	0.905364	100	2.3
2117.638	1756.638	345.913	24.83016	0.262048	1.561477	490.1708	1464.334	0.304583	0.431271	364.5222	107.8821	1.183543	100	3.3
2117.791	1756.791	345.9182	24.91701	0.262826	1.573827	491.292	1464.89	0.305343	0.429311	366.1779	109.3017	1.195013	100	3.3
2117.943	1756.943	345.9233	24.91938	0.259382	1.644858	492.4066	1464.415	0.30208	0.435402	362.2753	106.0352	1.159204	100	3.3
2118.096	1757.096	345.9284	24.94484	0.252703	1.769541	492.9784	1465.049	0.295744	0.456988	341.2309	92.1854	1.006793	100	2.8
2118.248	1757.248	345.9335	24.94721	0.251173	1.822419	492.6989	1464.796	0.294308	0.461758	336.63	89.77844	0.980424	100	2.8
2118.4	1757.4	345.9386	25.02484	0.256434	1.787482	491.5844	1459.762	0.299329	0.451346	344.0691	93.76092	1.020798	100	2.8
2118.553	1757.553	345.9438	25.10088	0.264565	1.660424	490.0222	1457.862	0.307093	0.450034	335.1649	89.04687	0.966595	100	2.5
2118.705	1757.705	345.9489	25.10656	0.269094	1.578318	488.6726	1450.359	0.311433	0.437235	346.8387	95.3725	1.035039	100	2.6
2118.858	1757.858	345.954	25.13458	0.268799	1.549	487.666	1442.843	0.311169	0.437913	346.2664	95.03319	1.030237	100	2.6
2119.01	1758.01	345.9591	25.13529	0.266327	1.573337	486.7736	1436.169	0.308828	0.433232	355.9565	101.2813	1.097953	100	2.9
2119.162	1758.162	345.9642	25.13947	0.263796	1.589992	485.8116	1429.565	0.306434	0.426901	367.9977	110.923	1.202291	100	3.4
2119.315	1758.315	345.9694	25.06716	0.258777	1.642653	484.8368	1421.32	0.301669	0.435313	362.965	106.5927	1.158648	100	3.3
2119.467	1758.467	345.9745	25.07878	0.254677	1.673233	483.9793	1415.277	0.297786	0.43524	368.424	111.3125	1.209412	100	3.6
2119.62	1758.62	345.9796	25.0016	0.25307	1.614325	483.1443	1409.697	0.296276	0.444061	358.3348	102.9994	1.122503	100	3.2
2119.772	1758.772	345.9847	25.00543	0.255365	1.483588	482.5854	1408.787	0.298477	0.459551	333.9215	88.43833	0.96368	100	2.5
2119.924	1758.924	345.9898	25.00956	0.25854	1.430592	482.5823	1410.05	0.301518	0.467132	319.2642	81.98739	0.893251	100	2.2
2120.077	1759.077	345.995	25.03653	0.265173	1.355655	483.154	1412.415	0.307856	0.46331	315.7906	80.6214	0.877447	100	2
2120.229	1759.229	346.0001	25.1333	0.272581	1.281046	484.1068	1413.928	0.314947	0.459954	310.6379	78.68758	0.853163	100	1.8
2120.382	1759.382	346.0052	25.15169	0.276672	1.266065	484.7325	1416.895	0.318876	0.460751	304.1147	76.37867	0.827542	100	1.7
2120.534	1759.534	346.0103	25.16872	0.272173	1.355606	484.7516	1420.982	0.314594	0.435211	345.2694	94.44999	1.022669	100	2.5
2120.687	1759.687	346.0155	25.17188	0.265018	1.497564	484.7931	1426.103	0.307783	0.412544	385.9498	131.298	1.421486	100	4.1
2120.839	1759.839	346.0206	25.2993	0.260666	1.548655	485.5998	1431.948	0.303652	0.41665	385.9834	131.3454	1.414966	100	4.2
2120.991	1759.991	346.0257	25.30949	0.262747	1.509278	487.34	1438.086	0.305653	0.433335	360.1957	104.4023	1.124278	100	3.1
2121.144	1760.144	346.0308	25.31365	0.266178	1.455427	489.2297	1442.875	0.308944	0.446644	337.2895	90.11303	0.970255	100	2.4
2121.296	1760.296	346.0359	25.24322	0.268215	1.452857	490.4269	1445.545	0.310906	0.429643	358.0421	102.7835	1.109729	100	2.9
2121.448	1760.448	346.0411	25.17082	0.267914	1.483931	490.4555	1451.55	0.310637	0.402855	395.3819	146.4412	1.585583	100	4.7
2121.601	1760.601	346.0462	25.17321	0.266732	1.539223	489.4585	1456.072	0.309528	0.443288	341.1145	92.12229	0.997366	100	2.5
2121.753	1760.753	346.0513	25.2358	0.266095	1.569934	488.6772	1456.854	0.308938	0.456459	323.752	83.83581	0.905447	100	2.2
2121.906	1760.906	346.0564	25.30137	0.263202	1.602068	489.122	1460.673	0.306198	0.473026	304.671	76.57005	0.824875	100	1.9
2122.058	1761.058	346.0615	25.37285	0.260301	1.645125	490.9384	1462.431	0.303452	0.475997	304.3604	76.46306	0.821448	100	2
2122.21	1761.21	346.0667	25.54075	0.259637	1.669867	493.403	1464.503	0.302837	0.472296	310.316	78.57019	0.838637	100	2.1
2122.363	1761.363	346.0718	25.51585	0.262686	1.706625	495.283	1466.006	0.30576	0.469826	309.6909	78.34324	0.837026	100	2
2122.515	1761.515	346.0769	25.60456	0.264784	1.717096	495.9436	1468.009	0.307779	0.474946	299.8387	74.93904	0.797937	100	1.9
2122.667	1761.667	346.082	25.66012	0.265303	1.76356	495.6706	1467.036	0.308292	0.479551	292.7758	72.67251	0.772165	100	1.8
2122.82	1761.82	346.0872	25.58211	0.269176	1.712122	495.1974	1452.95	0.312006	0.479106	288.2649	71.2894	0.759747	100	1.7
2122.972	1761.972	346.0923	25.49746	0.276597	1.558009	494.8483	1459.528	0.319116	0.47413	285.3205	70.41105	0.752844	100	1.5
2123.125	1762.125	346.0974	25.40973	0.275244	1.546827	494.5116	1468.955	0.317841	0.472647	289.126	71.54984	0.767626	100	1.6
2123.277	1762.277	346.1025	25.50828	0.262284	1.69205	493.6004	1444.123	0.305488	0.473578	304.8891	76.64533	0.819177	100	2
2123.43	1762.43	346.1076	25.5838	0.250466	1.909707	491.4347	1438.393	0.29426	0.478213	313.9877	79.93276	0.851843	100	2.3

2123.582	1762.582	346.1128	25.68113	0.245919	1.949284	487.9923	1440.971	0.289961	0.485981	309.1994	78.16578	0.829918	100	2.3
2123.734	1762.734	346.1179	25.60009	0.246054	1.913074	483.6417	1444.035	0.290107	0.489006	304.8241	76.62288	0.816076	100	2.2
2123.887	1762.887	346.123	25.5015	0.243747	1.853139	479.2276	1415.623	0.287937	0.486005	311.9602	79.17396	0.846461	100	2.4
2124.039	1763.039	346.1281	25.49857	0.242014	1.761551	476.36	1411.531	0.286312	0.4612	348.4332	96.33598	1.03007	100	3.1
2124.192	1763.192	346.1333	25.59964	0.246818	1.557601	476.3251	1408.172	0.290888	0.444671	364.9293	108.2264	1.152728	100	3.5
2124.344	1763.344	346.1384	25.52333	0.25445	1.318913	478.3004	1404.3	0.298157	0.43931	362.2951	106.0511	1.132891	100	3.2
2124.496	1763.496	346.1435	25.43936	0.261974	1.234615	480.5711	1402.901	0.305339	0.446526	342.426	92.83988	0.994992	100	2.5
2124.649	1763.649	346.1486	25.41411	0.259036	1.421262	482.1527	1405.993	0.302558	0.451665	339.1727	91.08722	0.977173	100	2.5
2124.801	1763.801	346.1537	25.31413	0.248556	1.752237	483.1532	1411.151	0.292611	0.450488	354.5237	100.2844	1.080031	100	3.2
2124.954	1763.954	346.1589	25.30464	0.239616	1.978489	484.3917	1417.5	0.28415	0.447788	369.9254	112.7144	1.214359	100	4
2125.106	1764.106	346.164	25.20746	0.240735	1.877927	486.1509	1422.94	0.285228	0.452037	362.5746	106.2761	1.149351	100	3.7
2125.258	1764.258	346.1691	25.10732	0.247174	1.797918	487.9962	1436.746	0.291354	0.457492	346.5936	95.22677	1.03391	100	3
2125.411	1764.411	346.1742	25.00429	0.252498	1.8281	488.9203	1442.588	0.29643	0.468817	323.9602	83.92405	0.914899	100	2.5
2125.563	1764.563	346.1793	24.89815	0.253481	1.883418	488.463	1442.848	0.297383	0.471647	318.7394	81.77755	0.895253	100	2.4
2125.716	1764.716	346.1845	24.80417	0.254229	1.841518	487.0944	1441.801	0.298112	0.465997	325.5297	84.59651	0.929581	100	2.5
2125.868	1764.868	346.1896	24.78536	0.256461	1.726185	485.6559	1437.398	0.300254	0.452222	341.5842	92.37756	1.015853	100	2.8
2126.021	1765.021	346.1947	24.78007	0.256952	1.646282	484.7859	1440.875	0.30074	0.446182	349.2487	96.83945	1.065155	100	3
2126.173	1765.173	346.1998	24.65994	0.253268	1.668199	484.2745	1438.726	0.297253	0.442307	359.4075	103.8015	1.147228	100	3.3
2126.325	1765.325	346.2049	24.73081	0.246735	1.819038	483.8301	1437.36	0.291066	0.453841	352.0283	98.61249	1.086811	100	3.3
2126.478	1765.478	346.2101	24.8017	0.241688	1.942474	483.4364	1333.367	0.286296	0.457767	353.1935	99.38332	1.092232	100	3.4
2126.63	1765.63	346.2152	24.87562	0.239939	1.95689	483.3093		0.284658	0.469136	339.7646	91.39936	1.001556	100	3.1
2126.782	1765.782	346.2203	24.95189	0.239597	1.905879	483.5826		0.284352	0.466412	343.9458	93.69096	1.023587	100	3.2
2126.935	1765.935	346.2254	24.93347	0.239512	1.91993	483.9573		0.28429	0.463638	347.8606	95.98687	1.049445	100	3.3
2127.087	1766.087	346.2305	24.91387	0.243845	1.897427	483.697		0.288414	0.454495	354.7852	100.4643	1.099261	100	3.4
2127.24	1766.24	346.2357	24.91637	0.249206	1.904027	482.4807		0.293521	0.451946	351.2549	98.10996	1.073406	100	3.2
2127.392	1766.392	346.2408	24.91887	0.255765	1.79712	480.7214		0.299775	0.462612	327.9062	85.64079	0.9369	100	2.5
2127.544	1766.544	346.2459	24.82674	0.259459	1.686015	479.0639		0.303309	0.465681	318.7941	81.79934	0.898157	100	2.3
2127.697	1766.697	346.251	24.93633	0.260182	1.610606	477.8413		0.304016	0.450363	338.957	90.97419	0.994582	100	2.6
2127.849	1766.849	346.2561	24.8497	0.259152	1.577447	476.5487		0.303054	0.439611	355.1219	100.6973	1.104674	100	3.1
2128.001	1767.001	346.2612	24.75876	0.256644	1.619094	474.6942	1379.33	0.300685	0.438621	359.7587	104.068	1.145797	100	3.3
2128.154	1767.154	346.2664	24.83985	0.25699	1.626349	472.5952	1372.048	0.301032	0.440558	356.6065	101.7428	1.116605	100	3.2
2128.306	1767.306	346.2715	24.91999	0.2572	1.614594	471.3029	1350.869	0.30125	0.444237	351.2281	98.0927	1.073145	100	3
2128.459	1767.459	346.2766	24.99944	0.255391	1.550588	471.7507	1345.692	0.299547	0.445796	351.4262	98.22069	1.071193	100	3
2128.611	1767.611	346.2817	24.90201	0.255245	1.482665	474.5166	1339.83	0.299427	0.447509	349.2294	96.82744	1.06008	100	2.9
2128.764	1767.764	346.2869	24.80467	0.262192	1.354196	479.4677	1332.708	0.306059	0.460425	322.2525	83.20708	0.914496	100	2.2
2128.916	1767.916	346.292	24.70993	0.2773	1.197982	484.12	1330.235	0.320503	0.448127	319.291	81.99813	0.904625	100	1.9
2129.068	1768.068	346.2971	24.79789	0.291118	1.064517	485.6158	1323.93	0.333761	0.430379	325.4864	84.57776	0.929831	100	1.8
2129.221	1768.221	346.3022	24.87988	0.296009	1.063015	483.5515	1318.192	0.338476	0.421022	331.8939	87.46907	0.958505	100	1.8
2129.373	1768.373	346.3073	24.86209	0.290861	1.149483	479.8328	1315.549	0.333551	0.426093	331.6909	87.37356	0.958144	100	1.9
2129.526	1768.526	346.3125	24.75159	0.285961	1.213512	476.8289	1312.633	0.328869	0.432186	329.7433	86.47073	0.952427	100	2
2129.678	1768.678	346.3176	24.76975	0.285757	1.204021	475.0473	1308.792	0.328692	0.435289	325.7055	84.67267	0.931958	100	1.9
2129.83	1768.83	346.3227	24.87513	0.296225	1.123588	473.1293	1305.639	0.338757	0.428468	321.2303	82.785	0.907386	100	1.7
2129.983	1768.983	346.3278	24.8944	0.306439	1.030655	470.249	1301.892	0.3486	0.433564	300.6138	75.19601	0.823585	100	1.3
2130.135	1769.135	346.3329	24.90275	0.311317	0.991997	467.772	1298.299	0.353318	0.419415	313.6289	79.79729	0.873702	100	1.4
2130.288	1769.288	346.3381	24.90399	0.308294	0.970698	466.4922	1280.213	0.350423	0.406046	336.0732	89.49852	0.979883	100	1.8
2130.44	1769.44	346.3432	24.92541	0.307068	0.938633	464.5424	1269.818	0.34926	0.399563	346.6243	95.24495	1.041927	100	2
2130.592	1769.592	346.3483	24.95124	0.311389	0.904364	459.6075	1263.376	0.353442	0.416591	317.354	81.22962	0.88771	100	1.4
2130.745	1769.745	346.3534	24.98249	0.315728	0.892014	452.5989	1254.423	0.357646	0.453345	260.8328	63.72055	0.695513	100	0.7
2130.897	1769.897	346.3585	25.0167	0.31612	0.866777	448.7054	1256.243	0.358042	0.4532	260.4871	63.6328	0.693627	100	0.7
2131.05	1770.05	346.3637	25.02257	0.312307	0.833718	452.1988	1262.572	0.354382	0.423006	307.2044	77.45428	0.844102	100	1.2
2131.202	1770.202	346.3688	25.0329	0.309395	0.834409	461.9608	1279.036	0.351593	0.39975	343.146	93.24038	1.015737	100	1.8
2131.354	1770.354	346.3739	25.04342	0.308949	0.886999	472.8343	1297.161	0.351182	0.395881	349.0539	96.71849	1.053203	100	2
2131.507	1770.507	346.379	25.04609	0.309462	0.992051	479.3889	1313.024	0.351695	0.40134	340.8118	91.95886	1.001279	100	1.8
2131.659	1770.659	346.3841	24.95145	0.306288	1.12047	479.8271	1324.464	0.348655	0.418049	321.9481	83.08083	0.908002	100	1.6
2131.812	1770.812	346.3893	24.8566	0.293498	1.252939	476.893	1337.3	0.336375	0.454435	288.6823	71.41544	0.783454	100	1.3
2131.964	1770.964	346.3944	24.75745	0.276079	1.373825	475.1241	1357.709	0.3197	0.430649	344.5176	94.01676	1.035482	100	2.5
2132.116	1771.116	346.3995	24.65201	0.263151	1.404836	478.3189	1390.159	0.307375	0.435602	354.6919	100.4	1.110463	100	2.9
2132.269	1771.269	346.4046	24.68579	0.262042	1.253021	487.0647	1459.469	0.306336	0.453636	331.2381	87.16149	0.962749	100	2.4
2132.421	1771.421	346.4097	24.71764	0.267462	1.158869	498.1001	1491.02	0.311523	0.495989	265.6326	64.95623	0.716575	100	1.3
2132.574	1771.574	346.4149	24.72011	0.27234	1.347774	507.1381	1507.12	0.316199	0.525776	218.0737	53.91903	0.594764	100	0.9
2132.726	1771.726	346.42	24.72258	0.270033	1.824666	511.8667	1534.16	0.314014	0.51672	233.5878	57.25309	0.631486	100	1.2
2132.878	1771.878	346.4251	24.72505	0.267839	2.183677	513.1402	1551.803	0.311938	0.514767	239.1474	58.505	0.645238	100	1.4
2133.031	1772.031	346.4302	24.72752	0.263778	2.388856	513.3054	1572.623	0.308083	0.518093	239.8768	58.67166	0.647019	100	1.5
2133.183	1772.183	346.4353	24.72999	0.266302	2.291177	513.8737	1600.836	0.310508	0.507412	251.2714	61.35128	0.67651	100	1.5
2133.335	1772.335	346.4405	24.73247	0.268154	2.248085	514.4296	1612.947	0.312294	0.515299	237.9221	58.22634	0.641996	100	1.4
2133.488	1772.488	346.4456	24.73494	0.270902	2.15995	514.274	1616.77	0.314936	0.516591	232.4927	57.01022	0.628532	100	1.3
2133.64	1772.64	346.4507	24.73895	0.269402	2.219375	513.5754	1625.763	0.313521	0.494011	265.6067	64.94946	0.715955	100	1.6
2133.793	1772.793	346.4558	24.62721	0.266525	2.329883	513.1276	1632.193	0.310794	0.49922	262.1818	64.06454	0.709368	100	1.7
2133.945	1772.945	346.461	24.75364	0.26295	2.403699	513.4103	1632.431	0.307402	0.515332	244.6264	59.77077	0.658497	100	1.5
2134.098	1773.098	346.4661	24.78531	0.260671	2.400735	513.8771	1628.471	0.305249	0.531221	225.6715	55.52366	0.610943	100	1.4
2134.25	1773.25	346.4712	24.78778	0.261583	2.320707	514.0137	1626.176	0.306136	0.499816	267.786	65.52148	0.720889	100	1.8
2134.402	1773.402	346.4763	24.76352	0.261069	2.336915	513.5914	1620.293	0.305664	0.472672	305.8956	76.99485	0.84795	100	2.3
2134.555	1773.555	346.4814	24.67903	0.257097	2.453924	512.5625	1612.113	0.301901	0.458635	330.4609	86.80057	0.959179	100	2.8
2134.707	1773.707	346.4866	24.60209	0.251463	2.626752	511.2002	1606.245	0.296561	0.466187	327.4082	85.41925	0.946838	100	2.8
2134.86	1773.86	346.4917	24.47906	0.249621	2.694574	509.9363	1595.956	0.294828	0.463044	334.1368	88.54291	0.986341	100	3.1
2135.012	1774.012	346.4968	24.45726	0.251784	2.617601	508.9232	1576.436	0.296902	0.475989	313.4111	79.71533	0.888796	100	2.6
2135.165	1774.165	346.5019	24.53959	0.252801	2.562421	508.0309	1570.342	0.297887	0.491348	290.8551	72.07785	0.800988	100	2.2
2135.317	1774.317	346.5071	24.70553	0.253501	2.517692	507.3165	1556.995	0.298571	0.527496	240.0284	58.70634	0.648077	100	1.6
2135.469	1774.469	346.5122	24.78469	0.254136	2.475449	507.2243	1551.779	0.299193	0.533695	230.6154	56.5966	0.622825	100	1.5
2135.622	1774.622	346.5173	24.95162	0.255043	2.44898	507.8055	1545.702	0.300074	0.532384	231.2081	56.72681	0.620147	100	1.5

2135.774	1774.774	346.5224	25.09663	0.254255	2.443066	507.942	1523.936	0.299343	0.528434	237.668	58.16876	0.632297	100	1.5
2135.926	1774.926	346.5275	25.14743	0.251949	2.456662	505.3255	1502.761	0.297168	0.511616	263.8782	64.50077	0.699738	100	1.8
2136.079	1775.079	346.5327	25.1188	0.249862	2.44051	496.9893	1479.548	0.295203	0.488887	297.9551	74.32166	0.807195	100	2.3
2136.231	1775.231	346.5378	25.07481	0.244953	2.402532	483.3053	1454.557	0.290561	0.452182	355.0142	100.6226	1.094746	100	3.5
2136.384	1775.384	346.5429	25.05935	0.231895	2.53146	470.0915	1437.342	0.278214	0.417046	420.5405	214.2541	2.332467	100	9.1
2136.536	1775.536	346.548	24.96419	0.215612	2.443484	463.7624	1419.998	0.262878	0.386503	483.8546	382.6321	4.181198	100	18.5
2136.688	1775.688	346.5531	24.86291	0.208549	2.020377	466.576	1413.29	0.25626	0.421935	444.0909	283.1789	3.106887	100	13.8
2136.841	1775.841	346.5583	24.76211	0.214667	1.438427	475.0138	1403.913	0.262026	0.467356	373.4528	116.2057	1.280079	100	4.7
2136.993	1775.993	346.5634	24.74108	0.22428	1.390857	483.0514	1398.21	0.271097	0.486471	334.5559	88.74743	0.978439	100	3.1
2137.146	1776.146	346.5685	24.7041	0.229299	1.537479	487.1608	1400.414	0.275852	0.485678	329.0883	86.17249	0.951464	100	2.9
2137.298	1776.298	346.5736	24.6711	0.231306	1.703019	487.7228	1410.533	0.277766	0.494451	314.3407	80.06654	0.885222	100	2.7
2137.45	1776.45	346.5787	24.65662	0.234335	1.682731	487.2497	1424.144	0.280649	0.474765	337.529	90.23533	0.998238	100	3.1
2137.603	1776.603	346.5839	24.55891	0.240316	1.535836	487.5514	1439.11	0.286329	0.462691	346.3521	95.08379	1.056015	100	3.2
2137.755	1776.755	346.589	24.46522	0.246856	1.425045	488.5961	1455.219	0.292549	0.463487	336.6695	89.79837	1.001096	100	2.8
2137.908	1776.908	346.5941	24.35425	0.250468	1.406402	489.314	1460.444	0.295998	0.481708	306.7656	77.29959	0.865643	100	2.2
2138.06	1777.06	346.5992	24.25455	0.248949	1.447295	489.3837	1464.463	0.294573	0.461301	336.894	89.91197	1.010983	100	2.8
2138.212	1777.212	346.6043	24.16201	0.24245	1.553373	489.8029	1470.641	0.288424	0.441318	372.9562	115.6965	1.305846	100	4.2
2138.365	1777.365	346.6095	24.07639	0.236638	1.614267	492.0894	1481.681	0.282937	0.439147	383.5244	127.9835	1.449621	100	4.9
2138.517	1777.517	346.6146	23.9924	0.23554	1.629256	496.7227	1503.207	0.281916	0.472213	339.3029	91.15567	1.036071	100	3.2
2138.67	1777.67	346.6197	23.93247	0.240728	1.600196	502.5978	1518.118	0.286847	0.501007	292.7624	72.66834	0.827999	100	2.2
2138.822	1777.822	346.6248	23.8735	0.248543	1.674511	507.8884	1535.174	0.294279	0.523747	251.1243	61.31573	0.70036	100	1.6
2138.974	1777.974	346.6299	23.81337	0.251804	1.841881	511.1879	1547.867	0.297395	0.523438	247.251	60.38892	0.691504	100	1.6
2139.127	1778.127	346.6351	23.83873	0.250377	2.123488	512.0676	1556.4	0.296056	0.498105	284.058	70.03998	0.801182	100	2.1
2139.279	1778.279	346.6402	23.64756	0.24435	2.359403	510.4608	1565.621	0.290353	0.492934	299.0637	74.68382	0.861147	100	2.5
2139.432	1778.432	346.6453	23.54065	0.235898	2.527242	507.3582	1572.238	0.282364	0.505781	292.3607	72.54325	0.840236	100	2.6
2139.584	1778.584	346.6504	23.4514	0.222491	2.884883	503.9759	1579.484	0.269719	0.511211	302.3166	75.76663	0.880889	100	3.1
2139.736	1778.736	346.6555	23.38511	0.209894	3.32077	500.8925	1577.773	0.257886	0.520423	305.9343	77.00833	0.89785	100	3.5
2139.889	1778.889	346.6607	23.39654	0.209744	3.418369	498.7235	1568.347	0.257764	0.532537	289.3846	71.62837	0.83473	100	3.2
2140.041	1779.041	346.6658	23.42261	0.219276	3.053646	498.0662	1554.693	0.266745	0.547429	256.4407	62.61758	0.728925	100	2.5
2140.194	1779.194	346.6709	23.43511	0.228814	2.724673	498.9077	1549.316	0.275758	0.542738	250.4754	61.15922	0.71158	100	2.2
2140.346	1779.346	346.676	23.43657	0.231761	2.632812	500.5304	1548.501	0.27856	0.538559	252.3763	61.61917	0.716896	100	2.2
2140.499	1779.499	346.6812	23.2997	0.233399	2.634372	502.4741	1548.686	0.280127	0.537243	252.0302	61.5351	0.720093	100	2.2
2140.651	1779.651	346.6863	23.21737	0.243346	2.415421	504.5604	1552.113	0.289565	0.525413	255.3309	62.34289	0.732119	100	2
2140.803	1779.803	346.6914	23.21955	0.249756	2.320965	507.0881	1561.156	0.295666	0.495282	288.4913	71.35773	0.837916	100	2.3
2140.956	1779.956	346.6965	23.14235	0.256129	2.17789	510.5117	1574.958	0.301744	0.458611	330.7109	86.91627	1.023999	100	2.9
2141.108	1780.108	346.7016	23.06927	0.257422	2.167647	514.6622	1587.905	0.302992	0.486816	290.0657	71.83592	0.849	100	2.2
2141.26	1780.26	346.7067	23.08078	0.259641	2.181408	518.2379	1597.328	0.305124	0.508437	257.2864	62.82797	0.74218	100	1.8
2141.413	1780.413	346.7119	23.16352	0.260385	2.324833	519.2192	1603.625	0.30585	0.520445	239.7128	58.63412	0.690192	100	1.6
2141.565	1780.565	346.717	23.25806	0.260468	2.43722	516.8343	1609.152	0.305948	0.499365	268.6686	65.7552	0.770905	100	2
2141.718	1780.718	346.7221	23.34968	0.262038	2.428146	512.1281	1603.497	0.307461	0.480168	293.0716	72.76486	0.849777	100	2.3
2141.87	1780.87	346.7272	23.44308	0.261563	2.21171	507.339	1595.029	0.307027	0.472525	304.2185	76.4143	0.888883	100	2.4
2142.022	1781.022	346.7323	23.543	0.259089	2.115862	503.9729	1587.381	0.304688	0.470099	310.7933	78.74439	0.912147	100	2.5
2142.175	1781.175	346.7375	23.55541	0.250149	2.275694	502.1405	1572.574	0.296204	0.480842	307.6775	77.62175	0.898684	100	2.6
2142.327	1781.327	346.7426	23.57446	0.24016	2.471989	501.5307	1559.173	0.286744	0.483497	317.0667	81.11705	0.93841	100	2.9
2142.479	1781.479	346.7477	23.59732	0.237	2.433017	501.8865	1546.422	0.28377	0.492655	308.5343	77.92706	0.900652	100	2.8
2142.632	1781.632	346.7528	23.70086	0.242798	2.156215	503.109	1537.204	0.289281	0.509871	277.1705	68.0706	0.78334	100	2.2
2142.784	1781.784	346.7579	23.92654	0.252212	1.952938	505.4051	1538.571	0.298236	0.513573	259.7044	63.43471	0.723186	100	1.8
2142.937	1781.937	346.7631	24.14208	0.258342	1.890872	508.965	1552.95	0.304086	0.512022	253.7701	61.95922	0.700135	100	1.6
2143.089	1782.089	346.7682	24.10901	0.263673	1.915109	512.8521	1579.47	0.309184	0.514918	242.7399	59.33126	0.671356	100	1.4
2143.242	1782.242	346.7733	24.22341	0.27015	1.928897	515.5037	1597.248	0.315382	0.517089	231.1911	56.72308	0.638854	100	1.3
2143.394	1782.394	346.7784	24.32755	0.273624	2.036344	516.4691	1606.257	0.318719	0.524215	216.7519	53.64517	0.60164	100	1.1
2143.546	1782.546	346.7835	24.4253	0.27121	2.234647	515.9355	1620.781	0.31643	0.528548	213.9302	53.06561	0.592793	100	1.2
2143.699	1782.699	346.7887	24.49546	0.26702	2.409519	514.4557	1627.673	0.312448	0.525908	223.0691	54.96813	0.612316	100	1.3
2143.851	1782.851	346.7938	24.55182	0.266429	2.465292	512.0041	1623.22	0.311902	0.522779	228.1404	56.05654	0.623032	100	1.4
2144.004	1783.004	346.7989	24.56638	0.270146	2.390315	508.0091	1616.181	0.315468	0.522462	223.6572	55.09311	0.611973	100	1.3
2144.156	1783.156	346.804	24.63169	0.273717	2.319834	504.6016	1607.964	0.318898	0.50617	241.4066	59.02298	0.653917	100	1.4
2144.308	1783.308	346.8091	24.69706	0.275961	2.319938	502.7025	1602.938	0.321061	0.499424	247.731	60.50281	0.668568	100	1.4
2144.461	1783.461	346.8143	24.70374	0.276036	2.2836	500.4002	1583.007	0.321151	0.501132	245.2502	59.91697	0.661925	100	1.4
2144.613	1783.613	346.8194	24.86372	0.269909	2.29709	495.7445	1564.642	0.315315	0.510413	240.4965	58.81366	0.645618	100	1.4
2144.766	1783.766	346.8245	24.89859	0.253816	2.414968	488.736	1547.707	0.299997	0.512003	259.4397	63.36792	0.694659	100	1.8
2144.918	1783.918	346.8296	25.0063	0.236149	2.641893	482.0924	1529.25	0.283254	0.517144	275.4499	67.59222	0.737828	100	2.2
2145.07	1784.07	346.8348	25.08708	0.225976	2.710367	478.9041	1526.366	0.27366	0.498567	314.327	80.06135	0.871174	100	3
2145.223	1784.223	346.8399	25.13016	0.22813	2.428624	479.2248	1500.909	0.275711	0.474691	344.4447	93.97506	1.020858	100	3.5
2145.375	1784.375	346.845	25.1564	0.228323	2.073467	478.6022	1473.025	0.275911	0.441761	389.6139	136.7253	1.483746	100	5.4
2145.528	1784.528	346.8501	25.25498	0.225779	1.614974	473.9532	1471.529	0.273528	0.436998	399.4744	154.3478	1.668561	100	6.2
2145.68	1784.68	346.8552	25.35792	0.222865	1.412597	467.0587	1437.294	0.270798	0.455032	378.3553	121.5721	1.309001	100	4.6
2145.833	1784.833	346.8604	25.43578	0.231257	1.411869	463.1655	1409.445	0.278737	0.478018	335.6785	89.30152	0.958647	100	2.9
2145.985	1784.985	346.8655	25.45109	0.246764	1.345508	465.7947	1384.328	0.293443	0.465629	332.4819	87.74729	0.941414	100	2.5
2146.137	1785.137	346.8706	25.52085	0.258111	1.263711	473.6514	1387.295	0.304247	0.469947	311.6127	79.04551	0.845782	100	2
2146.29	1785.29	346.8757	25.58441	0.257356	1.319878	481.87	1398.61	0.303546	0.483768	293.5063	72.90098	0.778137	100	1.7
2146.442	1785.442	346.8809	25.64442	0.246585	1.539027	482.4447	1402.963	0.293327	0.493209	294.5806	73.23941	0.779957	100	2
2146.594	1785.594	346.886	25.70372	0.232756	1.843742	476.4839	1401.021	0.280244	0.48401	325.3285	84.50955	0.897944	100	2.7
2146.747	1785.747	346.8911	25.76567	0.224311	2.016483	471.3554	1401.683	0.272288	0.485682	334.0008	88.47684	0.937884	100	3.1
2146.899	1785.899	346.8962	25.82739	0.221577	2.079444	469.0402	1406.617	0.269729	0.496521	322.5756	83.34156	0.881381	100	2.9
2147.052	1786.052	346.9013	25.84441	0.235022	1.812268	470.1835	1411.246	0.282442	0.516607	277.3114	68.11	0.719841	100	1.9
2147.204	1786.204	346.9065	25.9394	0.252905	1.519406	474.7532	1406.461	0.299421	0.526725	239.9188	58.68126	0.617963	100	1.2
2147.356	1786.356	346.9116	26.03013	0.267958	1.342168	481.3777	1395.512	0.313778	0.516902	233.6615	57.26948	0.601036	100	1
2147.509	1786.509	346.9167	26.12745	0.268035	1.330321	487.8845	1392.999	0.31387	0.520903	228.0137	56.02905	0.585871	100	0.9
2147.661	1786.661	346.9218	26.23573	0.25854	1.433769	492.7623	1393.555	0.304837	0.498544	271.3344	66.46843	0.69222	100	1.4
2147.813	1786.813	346.9269	26.34974	0.250231	1.508414	496.2746	1401.257	0.296952	0.486497	298.84	74.61047	0.773719	100	1.9

2147.966	1786.966	346.9321	26.37854	0.25127	1.440453	499.3263	1408.849	0.297957	0.486697	297.1773	74.06956	0.767294	100	1.8
2148.118	1787.118	346.9372	26.25776	0.260723	1.334055	502.7243	1419.209	0.306969	0.511073	251.1012	61.31016	0.637994	100	1.2
2148.271	1787.271	346.9423	26.13571	0.270461	1.236943	506.1699	1462.315	0.316277	0.523212	221.5055	54.63733	0.571171	100	0.8
2148.423	1787.423	346.9474	26.28074	0.273623	1.23537	508.7135	1484.751	0.319315	0.505055	242.3698	59.24549	0.615993	100	0.9
2148.576	1787.576	346.9526	26.28359	0.272265	1.273175	510.0473	1502.658	0.318036	0.509894	237.4573	58.12105	0.604243	100	0.9
2148.728	1787.728	346.9577	26.28277	0.267942	1.363795	510.3934	1516.48	0.313925	0.519347	230.084	56.48014	0.587208	100	0.9
2148.88	1787.88	346.9628	26.27717	0.260297	1.542611	510.1711	1522.828	0.306654	0.526657	230.031	56.46854	0.587217	100	1.1
2149.033	1788.033	346.9679	26.29266	0.256144	1.656264	509.5074	1528.997	0.302719	0.527519	234.272	57.40546	0.59662	100	1.2
2149.185	1788.185	346.973	26.32409	0.25523	1.640276	508.5102	1537.831	0.301867	0.503794	268.1875	65.62767	0.681282	100	1.5
2149.338	1788.338	346.9782	26.37797	0.257968	1.571556	507.3193	1534.919	0.304491	0.497132	273.7605	67.12749	0.695461	100	1.5
2149.49	1788.49	346.9833	26.37957	0.257547	1.596269	506.1125	1529.308	0.304108	0.492122	281.2036	69.21285	0.717031	100	1.6
2149.642	1788.642	346.9884	26.38437	0.255382	1.673559	505.1439	1520.182	0.302066	0.474475	308.3733	77.86948	0.806576	100	2
2149.795	1788.795	346.9935	26.47576	0.248182	1.813608	504.5881	1512.284	0.295241	0.443738	360.2094	104.4128	1.077858	100	3.2
2149.947	1788.947	346.9986	26.40278	0.241503	1.931007	504.3246	1506.18	0.288923	0.453244	355.8093	101.1776	1.047307	100	3.3
2150.1	1789.1	347.0038	26.46091	0.24136	1.902437	504.1689	1501.134	0.288805	0.482461	315.6532	80.56842	0.832187	100	2.4
2150.252	1789.252	347.0089	26.35724	0.250897	1.711099	504.0576	1496.387	0.297874	0.494276	286.8324	70.85976	0.734742	100	1.8
2150.404	1789.404	347.014	26.28382	0.2616	1.517284	504.1053	1490.24	0.308077	0.481195	290.8045	72.06229	0.749269	100	1.7
2150.557	1789.557	347.0191	26.2573	0.265245	1.455813	504.1211	1484.508	0.311569	0.475876	293.326	72.84449	0.758161	100	1.6
2150.709	1789.709	347.0242	26.32349	0.263523	1.461076	503.6193	1478.381	0.309945	0.486307	281.1718	69.20374	0.718497	100	1.5
2150.862	1789.862	347.0294	26.3285	0.261523	1.521437	502.3141	1470.481	0.308058	0.487035	282.7726	69.66554	0.723164	100	1.6
2151.014	1790.014	347.0345	26.32186	0.261563	1.493761	500.2371	1465.883	0.308113	0.483203	287.9836	71.20469	0.739332	100	1.6
2151.167	1790.167	347.0396	26.31	0.260534	1.449566	498.011	1459.158	0.307151	0.479607	294.2737	73.14244	0.759796	100	1.7
2151.319	1790.319	347.0447	26.29661	0.257404	1.393144	495.8833	1453.958	0.304189	0.484186	292.0418	72.44422	0.752927	100	1.7
2151.471	1790.471	347.0498	26.13519	0.253423	1.406659	493.981	1449.073	0.300419	0.493622	284.2234	70.08843	0.732872	100	1.6
2151.624	1790.624	347.055	26.08721	0.251983	1.415402	493.1616	1447.825	0.299069	0.488002	293.8426	73.00662	0.764773	100	1.8
2151.776	1790.776	347.0601	26.02387	0.253921	1.395892	493.9587	1448.547	0.30093	0.490023	288.4851	71.35585	0.749277	100	1.7
2151.928	1790.928	347.0652	25.90284	0.256951	1.379578	496.35	1453.218	0.30383	0.481449	296.3151	73.79198	0.778427	100	1.8
2152.081	1791.081	347.0703	25.85031	0.25941	1.383175	499.3032	1457	0.306189	0.488306	283.5977	69.90553	0.738911	100	1.6
2152.233	1791.233	347.0754	25.79881	0.262161	1.422626	501.6594	1462.232	0.308828	0.508938	251.4832	61.40252	0.650314	100	1.2
2152.386	1791.386	347.0806	25.78534	0.263542	1.472192	502.5075	1466.061	0.310163	0.507935	251.0252	61.2918	0.649482	100	1.2
2152.538	1791.538	347.0857	25.68387	0.262311	1.547963	501.5292	1472.281	0.309007	0.503243	259.0949	63.28103	0.673176	100	1.4
2152.69	1791.69	347.0908	25.59793	0.257883	1.612733	499.7667	1477.943	0.304807	0.513444	250.8131	61.24061	0.65363	100	1.3
2152.843	1791.843	347.0959	25.6896	0.253685	1.622986	498.3757	1482.87	0.300831	0.523802	242.0063	59.1614	0.629227	100	1.3
2152.995	1791.995	347.101	25.68829	0.25355	1.584694	498.0423	1485.38	0.30072	0.524747	240.8544	58.89588	0.626441	100	1.3
2153.147	1792.147	347.1061	25.7039	0.256484	1.488973	498.817	1487.38	0.30353	0.512824	253.4316	61.87641	0.657757	100	1.3
2153.3	1792.3	347.1113	25.72033	0.260271	1.419494	500.3318	1488.35	0.307153	0.498525	268.1651	65.62171	0.697139	100	1.4
2153.452	1792.452	347.1164	25.73912	0.262667	1.398625	501.9578	1488.144	0.309454	0.477538	293.9515	73.04088	0.775408	100	1.7
2153.605	1792.605	347.1215	25.67673	0.262078	1.424729	503.066	1489.963	0.308911	0.464232	313.0631	79.58472	0.846907	100	2
2153.757	1792.757	347.1266	25.68359	0.260504	1.468356	503.6121	1493.631	0.30743	0.465785	312.9633	79.54737	0.846296	100	2
2153.91	1792.91	347.1318	25.69856	0.257943	1.553816	504.0217	1498.875	0.305009	0.493381	278.2219	68.36551	0.726924	100	1.6
2154.062	1793.062	347.1369	25.71713	0.255489	1.625703	504.7806	1502.635	0.302692	0.506959	262.6819	64.19272	0.682078	100	1.5
2154.214	1793.214	347.142	25.73298	0.252876	1.709201	506.0859	1505.953	0.300225	0.491398	287.561	71.07771	0.754784	100	1.8
2154.367	1793.367	347.1471	25.73959	0.253951	1.720845	507.8039	1506.336	0.301265	0.466956	319.8558	82.22547	0.872952	100	2.3
2154.519	1793.519	347.1522	25.73706	0.259694	1.663089	509.1281	1506.593	0.306749	0.453161	331.3253	87.20224	0.925888	100	2.4
2154.672	1793.672	347.1574	25.64446	0.264394	1.59581	509.2455	1507.333	0.311245	0.469165	303.0345	76.00979	0.809927	100	1.9
2154.824	1793.824	347.1625	25.64231	0.264875	1.529007	507.9179	1507.356	0.311722	0.501657	257.5379	62.89073	0.670199	100	1.3
2154.976	1793.976	347.1676	25.64242	0.258876	1.562979	505.1583	1505.012	0.306024	0.49799	270.4616	66.23369	0.705828	100	1.5
2155.129	1794.129	347.1727	25.64161	0.249936	1.678285	502.0557	1503.154	0.297538	0.496149	284.7113	70.23158	0.748463	100	1.8
2155.281	1794.281	347.1778	25.64168	0.241894	1.841726	499.9819	1499.872	0.289925	0.495456	296.1735	73.74658	0.785929	100	2.1
2155.434	1794.434	347.183	25.6498	0.241461	1.839791	499.3784	1493.754	0.289533	0.469408	332.6627	87.83329	0.935771	100	2.8
2155.586	1794.586	347.1881	25.75238	0.247526	1.738916	499.9562	1487.76	0.295304	0.434411	372.993	115.7341	1.228203	100	3.8
2155.738	1794.738	347.1932	25.91577	0.255344	1.563547	500.6073	1482.445	0.302752	0.404077	404.5758	165.5981	1.74649	100	5.6
2155.891	1794.891	347.1983	26.07533	0.259756	1.427337	500.5406	1479.034	0.306969	0.394868	411.4644	183.7421	1.926204	100	6.2
2156.043	1795.043	347.2034	26.08142	0.260156	1.354429	499.9467	1476.683	0.307369	0.422228	373.1563	115.901	1.214746	100	3.4
2156.196	1795.196	347.2086	26.08399	0.261275	1.328885	499.3624	1477.356	0.308453	0.45739	323.1371	83.57658	0.875882	100	2.1
2156.348	1795.348	347.2137	26.08262	0.265321	1.310162	499.4542	1478.138	0.312327	0.478256	288.995	71.51012	0.749472	100	1.5
2156.5	1795.5	347.2188	26.07579	0.271815	1.291403	500.1592	1480.059	0.318544	0.477204	281.8675	69.40381	0.727592	100	1.4
2156.653	1795.653	347.2239	26.0653	0.271805	1.311071	501.131	1483.056	0.318553	0.471053	290.344	71.92105	0.754288	100	1.5
2156.805	1795.805	347.229	26.14361	0.264886	1.399654	502.1312	1486.856	0.311967	0.48466	280.6557	69.0559	0.722113	100	1.5
2156.958	1795.958	347.2342	26.13589	0.255244	1.545524	502.9696	1492.264	0.3028	0.501597	269.9316	66.09171	0.691325	100	1.5
2157.11	1796.11	347.2393	26.23579	0.249556	1.662972	503.757	1499.085	0.297411	0.507823	268.7761	65.78374	0.685535	100	1.6
2157.262	1796.262	347.2444	26.39448	0.249557	1.710133	504.462	1504.16	0.297431	0.515879	257.6316	62.91413	0.651764	100	1.5
2157.415	1796.415	347.2495	26.47988	0.25522	1.660931	504.9193	1507.604	0.302832	0.503134	267.7668	65.51641	0.676579	100	1.5
2157.567	1796.567	347.2547	26.47197	0.259874	1.591462	505.1224	1514.343	0.30728	0.485607	285.8164	70.55768	0.728861	100	1.6
2157.72	1796.72	347.2598	26.47265	0.26042	1.593496	505.1796	1519.294	0.307818	0.473545	301.7199	75.56569	0.780582	100	1.8
2157.872	1796.872	347.2649	26.48426	0.259987	1.598669	505.1953	1525.729	0.307424	0.46473	314.4278	80.09961	0.827069	100	2
2158.024	1797.024	347.27	26.4815	0.262677	1.567783	505.1953	1534.538	0.310004	0.474709	297.0952	74.04304	0.764618	100	1.7
2158.177	1797.177	347.2751	26.29976	0.26468	1.534181	505.1221	1538.066	0.311932	0.499953	259.5986	63.40799	0.659246	100	1.3
2158.329	1797.329	347.2803	26.20327	0.264473	1.566939	504.9188	1537.431	0.311753	0.515756	238.0379	58.25261	0.607844	100	1.1
2158.482	1797.482	347.2854	26.10228	0.262557	1.597712	504.6361	1537.615	0.309944	0.513384	243.8067	59.57931	0.624059	100	1.2
2158.634	1797.634	347.2905	26.08849	0.263225	1.557275	504.5852	1536.584	0.310599	0.496091	266.7681	65.25342	0.683855	100	1.4
2158.786	1797.786	347.2956	26.07864	0.262534	1.55403	504.9409	1534.472	0.309958	0.485435	282.357	69.54515	0.729111	100	1.6
2158.939	1797.939	347.3008	26.15403	0.25851	1.624971	505.4839	1531.906	0.306143	0.480518	294.4092	73.18523	0.765107	100	1.8
2159.091	1798.091	347.3059	26.15444	0.252396	1.741786	505.4775	1527.866	0.300344	0.485935	294.9343	73.35147	0.766841	100	1.9
2159.244	1798.244	347.311	26.14199	0.247027	1.860866	504.5405	1522.077	0.295262	0.501915	279.8959	68.83918	0.720012	100	1.8
2159.396	1798.396	347.3161	26.12581	0.244756	1.929061	502.7207	1517.88	0.293125	0.493091	295.0215	73.37914	0.767973	100	2.1
2159.548	1798.548	347.3212	26.11751	0.244214	1.937928	500.1962	1512.073	0.292629	0.480386	313.2399	79.651	0.833882	100	2.3
2159.701	1798.701	347.3264	26.12473	0.243289	1.898079	497.7603	1507.383	0.291769	0.473957	323.2974	83.64399	0.875457	100	2.5
2159.853	1798.853	347.3315	26.05512	0.241533	1.86608	496.182	1505.083	0.290123	0.469516	331.6975	87.37667	0.916937	100	2.7
2160.006	1799.006	347.3366	26.06398	0.239019	1.853001	495.9977	1504.285	0.287759	0.469833	334.5241	88.7319	0.930858	100	2.8

2160.158	1799.158	347.3417	25.97045	0.238938	1.864667	496.9883	1504.003	0.2877	0.480519	319.8579	82.22631	0.865675	100	2.5
2160.311	1799.311	347.3468	25.98095	0.240208	1.871892	498.3158	1503.205	0.288921	0.488079	307.7404	77.64409	0.817117	100	2.3
2160.463	1799.463	347.352	25.90141	0.240239	1.883228	499.4209	1504.382	0.288969	0.491725	302.642	75.87666	0.800938	100	2.2
2160.615	1799.615	347.3571	25.81738	0.237654	1.98227	500.1289	1504.592	0.286538	0.48827	310.7652	78.73414	0.833772	100	2.4
2160.768	1799.768	347.3622	25.73195	0.236482	2.07593	500.202	1504.513	0.285447	0.499529	296.7328	73.92622	0.785424	100	2.3
2160.92	1799.92	347.3673	25.73559	0.237219	2.071755	499.5952	1505.316	0.286163	0.505325	287.7466	71.13342	0.755655	100	2.1
2161.072	1800.072	347.3724	25.68303	0.240695	1.976559	498.9219	1505.878	0.289472	0.487305	308.0468	77.75302	0.827649	100	2.4
2161.225	1800.225	347.3776	25.52511	0.245594	1.826018	498.4645	1503.435	0.294136	0.478686	313.5059	79.75099	0.854099	100	2.4
2161.377	1800.377	347.3827	25.47181	0.249207	1.7606	498.2104	1502.057	0.297584	0.481008	305.5443	76.87247	0.824977	100	2.2
2161.53	1800.53	347.3878	25.36559	0.24965	1.748182	498.2009	1500.832	0.298023	0.484953	299.4942	74.8254	0.806331	100	2.1
2161.682	1800.682	347.3929	25.28049	0.245856	1.85268	498.3025	1498.49	0.294438	0.484791	304.664	76.56763	0.827853	100	2.2
2161.834	1800.834	347.398	25.18818	0.241225	1.960471	498.4612	1498.353	0.290065	0.469833	331.341	87.20959	0.946332	100	2.8
2161.987	1800.987	347.4032	25.10987	0.238306	2.011492	498.5056	1498.332	0.287318	0.46932	335.8405	89.38225	0.972902	100	3
2162.139	1801.139	347.4083	25.03305	0.238564	2.020312	498.4927	1499.004	0.28758	0.479612	321.2761	82.80381	0.904036	100	2.7
2162.292	1801.292	347.4134	24.93922	0.241995	2.004651	498.5371	1498.989	0.290848	0.481342	314.3777	80.08058	0.87756	100	2.5
2162.444	1801.444	347.4185	24.85569	0.243636	2.043464	498.464	1498.978	0.292422	0.481244	312.3412	79.31533	0.872067	100	2.5
2162.596	1801.596	347.4236	24.77364	0.245581	2.02673	498.3051	1498.494	0.294285	0.492949	293.6172	72.9358	0.804556	100	2.2
2162.749	1801.749	347.4288	24.6495	0.247582	1.939859	498.1271	1498.263	0.296203	0.502178	278.2344	68.369	0.757939	100	2
2162.901	1801.901	347.4339	24.60985	0.249149	1.856744	497.8349	1498.096	0.297708	0.488275	295.3435	73.48149	0.815922	100	2.1
2163.054	1802.054	347.439	24.56603	0.245731	1.878605	497.3967	1496.757	0.294482	0.483228	306.7608	77.29789	0.859821	100	2.4
2163.206	1802.206	347.4441	24.51935	0.241399	1.941135	496.9297	1495.81	0.290392	0.489799	303.3368	76.11267	0.848239	100	2.4
2163.358	1802.358	347.4492	24.47322	0.242506	1.932098	496.609	1495.552	0.291458	0.487105	305.5829	76.88591	0.858462	100	2.4
2163.511	1802.511	347.4544	24.52257	0.247975	1.840337	496.4182	1496.781	0.296665	0.491564	292.2447	72.50718	0.807971	100	2.1
2163.663	1802.663	347.4595	24.57435	0.251099	1.796293	496.326	1499.269	0.299651	0.491865	287.709	71.12215	0.790895	100	2
2163.816	1802.816	347.4646	24.62469	0.250113	1.814133	496.4117	1502.087	0.298731	0.507575	267.2972	65.39256	0.72572	100	1.8
2163.968	1802.968	347.4697	24.56216	0.245615	1.939223	496.7324	1508.367	0.294479	0.516724	260.5394	63.64607	0.708122	100	1.8
2164.12	1803.12	347.4748	24.48897	0.241483	2.101949	497.1673	1511.028	0.290579	0.519652	261.8818	63.98782	0.714035	100	1.9
2164.273	1803.273	347.48	24.40909	0.237625	2.279365	497.5801	1512.438	0.286941	0.51794	269.2644	65.91362	0.737913	100	2.1
2164.425	1803.425	347.4851	24.32895	0.23457	2.394143	497.9675	1513.705	0.284068	0.508566	286.1643	70.66086	0.793645	100	2.4
2164.578	1803.578	347.4902	24.25023	0.231695	2.452307	498.0436	1514.115	0.281368	0.496097	307.0982	77.41676	0.872327	100	2.8
2164.73	1803.73	347.4953	24.16998	0.230468	2.45775	497.9102	1512.652	0.280226	0.496907	307.5559	77.57864	0.877032	100	2.8
2164.882	1803.882	347.5004	24.08134	0.232127	2.443714	497.5417	1509.82	0.281813	0.488869	316.4599	80.88049	0.917701	100	3
2165.035	1804.035	347.5056	23.97619											
2165.187	1804.187	347.5107	24.00912											
2165.34	1804.34	347.5158												
2165.492	1804.492	347.5209												
2165.645	1804.645	347.5261												
2165.797	1804.797	347.5312												
2165.949	1804.949	347.5363												
2166.102	1805.102	347.5414												
2166.254	1805.254	347.5465												
2166.406	1805.406	347.5516												
2166.559	1805.559	347.5568												
2166.711	1805.711	347.5619												
2166.864	1805.864	347.567												
2167.016	1806.016	347.5721												
2167.168	1806.168	347.5772												
2167.321	1806.321	347.5824												
2167.473	1806.473	347.5875												
2167.625	1806.625	347.5926												
2167.778	1806.778	347.5977												
2167.93	1806.93	347.6028												
2168.083	1807.083	347.608												
2168.235	1807.235	347.6131												
2168.388	1807.388	347.6182												
2168.54	1807.54	347.6233												
2168.692	1807.692	347.6285												
2168.845	1807.845	347.6336												
2168.997	1807.997	347.6387												
2169.15	1808.15	347.6438												
2169.302	1808.302	347.6489												
2169.454	1808.454	347.6541												
2169.607	1808.607	347.6592												
2169.759	1808.759	347.6643												
2169.912	1808.912	347.6694												
2170.064	1809.064	347.6746												
2170.216	1809.216	347.6797												
2170.369	1809.369	347.6848												
2170.521	1809.521	347.6899												
2170.674	1809.674	347.695												
2170.826	1809.826	347.7002												
2170.979	1809.979	347.7053												
2171.131	1810.131	347.7104												
2171.283	1810.283	347.7155												
2171.436	1810.436	347.7206												
2171.588	1810.588	347.7258												
2171.74	1810.74	347.7309												
2171.893	1810.893	347.736												
2172.045	1811.045	347.7411												
2172.198	1811.198	347.7463												

2172.35	1811.35	347.7514
2172.502	1811.502	347.7565
2172.655	1811.655	347.7616
2172.807	1811.807	347.7667
2172.959	1811.959	347.7718
2173.112	1812.112	347.777
2173.264	1812.264	347.7821
2173.417	1812.417	347.7872
2173.569	1812.569	347.7923
2173.722	1812.722	347.7975
2173.874	1812.874	347.8026
2174.026	1813.026	347.8077
2174.179	1813.179	347.8128
2174.331	1813.331	347.8179
2174.484	1813.484	347.8231
2174.636	1813.636	347.8282
2174.788	1813.788	347.8333
2174.941	1813.941	347.8384
2175.093	1814.093	347.8435
2175.246	1814.246	347.8487
2175.398	1814.398	347.8538
2175.55	1814.55	347.8589
2175.703	1814.703	347.864
2175.855	1814.855	347.8691
2176.008	1815.008	347.8743
2176.16	1815.16	347.8794
2176.312	1815.312	347.8845
2176.465	1815.465	347.8896
2176.617	1815.617	347.8947
2176.77	1815.77	347.8999
2176.922	1815.922	347.905
2177.074	1816.074	347.9101
2177.227	1816.227	347.9152
2177.379	1816.379	347.9203
2177.532	1816.532	347.9255
2177.684	1816.684	347.9306
2177.836	1816.836	347.9357
2177.989	1816.989	347.9408
2178.141	1817.141	347.9459
2178.293	1817.293	347.951
2178.446	1817.446	347.9562
2178.598	1817.598	347.9613
2178.751	1817.751	347.9664
2178.903	1817.903	347.9715
2179.056	1818.056	347.9767
2179.208	1818.208	347.9818
2179.36	1818.36	347.9869
2179.513	1818.513	347.992
2179.665	1818.665	347.9971
2179.818	1818.818	348.0023
2179.97	1818.97	348.0074
2180.122	1819.122	348.0125
2180.275	1819.275	348.0176
2180.427	1819.427	348.0227
2180.58	1819.58	348.0279
2180.732	1819.732	348.033
2180.884	1819.884	348.0381
2181.037	1820.037	348.0432
2181.189	1820.189	348.0484
2181.342	1820.342	348.0535
2181.494	1820.494	348.0586
2181.646	1820.646	348.0637
2181.799	1820.799	348.0688

Well B22: Saturation model input and output data

MDRT	Burial Depth	T_reg_K	P_merge52	PHI_harmB20	Salinity Cf	DTCO_detrend_hfactor	DTSM_detrend_hfactor	PHI_use_detrend_hfactor	APLC_detrend_hfactor	TGscaled	TGmod	TGmod	SOL_HC	SAT_HC
m	m	°K	MPa	v/v	mol/L	µs/m	µs/m	µs/m	µs/m	unitless	mol/m³	vol.%	vol.%	vol.%
1455.115	852.615	311.4453	13.77099			467.8665	1271.769		0.476508					
1455.267	852.767	311.4497	13.78996	0.369708		466.8721	1272.629	0.267204	0.479385					
1455.42	852.92	311.4541	13.83554	0.376425	1.43682	464.8887	1266.011	0.273788	0.502391	308.8733	78.04853	1.398931	100	2.1
1455.572	853.072	311.4585	13.81213	0.384468	1.344357	464.0233	1255.151	0.281676	0.530324	259.4394	63.36785	1.137733	100	1.3
1455.725	853.225	311.4629	13.96219	0.393862	1.266164	464.0515	1240.63	0.290899	0.551614	217.3326	53.7653	0.954983	100	0.7
1455.877	853.377	311.4673	13.94126	0.379508	1.466722	465.1917	1230.887	0.276889	0.521039	278.8598	68.54538	1.219347	100	1.6
1456.029	853.529	311.4716	13.90875	0.380307	1.486462	466.9985	1223.544	0.277701	0.517517	282.5993	69.61529	1.241284	100	1.7
1456.182	853.682	311.476	13.91497	0.36143	1.659962	468.8604	1218.504	0.259319	0.478399	361.9489	105.7742	1.885202	100	3.7
1456.334	853.834	311.4804	13.89096	0.368145	1.534414	470.9468	1217.793	0.265891	0.492452	333.4872	88.22836	1.575218	100	2.7
1456.487	853.987	311.4848	13.82747	0.381243	1.408402	472.8579	1223.11	0.278706	0.520603	276.955	68.01038	1.21983	100	1.6
1456.639	854.139	311.4892	13.81917	0.395673	1.316367	474.2162	1239.822	0.292854	0.549449	217.6228	53.82545	0.966001	100	0.8
1456.791	854.291	311.4936	13.82077	0.369766	1.529616	475.3564	1248.842	0.267562	0.491279	332.7997	87.89862	1.577348	100	2.7
1456.944	854.444	311.498	13.83984	0.350827	1.763325	477.0648	1252.013	0.249156	0.444468	422.7987	221.2961	3.965763	100	9.9
1457.096	854.596	311.5024	13.85774	0.351758	1.814342	479.9312	1236.14	0.250091	0.445311	420.3454	213.5038	3.821237	100	9.4
1457.249	854.749	311.5068	13.86361	0.361689	1.724673	482.9604	1228.334	0.259782	0.469413	373.7109	116.4727	2.083745	100	4.3
1457.401	854.901	311.5111	13.87254	0.365309	1.617674	485.5901	1211.999	0.263338	0.479079	355.4643	100.9357	1.804644	100	3.4
1457.553	855.053	311.5155	13.87523	0.378448	1.436405	486.4387	1217.46	0.276186	0.505959	300.6398	75.20464	1.344352	100	2
1457.706	855.206	311.5199	13.88808	0.379733	1.4098	485.9447	1224.539	0.277472	0.507355	296.9393	73.99273	1.321484	100	1.9
1457.858	855.358	311.5243	13.89747	0.387464	1.351213	484.1733	1239.698	0.285059	0.522565	265.4796	64.91632	1.158615	100	1.3
1458.011	855.511	311.5287	13.94575	0.371446	1.493692	482.1898	1264.286	0.269442	0.487547	335.3566	89.14168	1.58551	100	2.7
1458.163	855.663	311.5331	13.93147	0.375784	1.425024	481.1523	1290.937	0.273705	0.504469	306.1196	77.07307	1.372272	100	2
1458.315	855.815	311.5375	13.94885	0.348139	1.770066	480.7323	1312.92	0.246816	0.452148	415.4295	196.0305	3.485994	100	8.6
1458.468	855.968	311.5419	13.89147	0.345742	1.841763	481.0865	1324.655	0.244519	0.452572	418.0144	204.8859	3.658533	100	9.2
1458.62	856.12	311.5463	13.97535	0.335414	2.028342	481.434	1339.835	0.234532	0.427478	466.4251	341.3776	6.059362	100	16.8
1458.773	856.273	311.5507	13.99134	0.346602	1.833154	480.9402	1359.485	0.245413	0.448959	421.7662	218.12	3.867208	100	9.7
1458.925	856.425	311.555	14.07617	0.339151	1.945735	479.2085	1370.707	0.238215	0.433332	453.2653	307.8616	5.425571	100	14.7
1459.077	856.577	311.5594	14.08476	0.352632	1.762953	475.2502	1348.626	0.251333	0.462279	395.2164	146.1403	2.573957	100	5.9
1459.23	856.73	311.5638	14.18323	0.348721	1.889734	469.6393	1333.701	0.247562	0.458334	405.8637	168.7135	2.951015	100	7.1
1459.382	856.882	311.5682	14.20613	0.358057	1.841375	465.3892	1322.513	0.256669	0.483895	358.0218	102.7686	1.79469	100	3.6
1459.535	857.035	311.5726	14.217	0.360234	1.9189	464.7786	1331.62	0.258818	0.486979	350.8006	97.81815	1.70696	100	3.4
1459.687	857.187	311.577	14.30963	0.370326	1.799601	469.4509	1339.867	0.268682	0.50179	316.7489	80.99295	1.404263	100	2.4
1459.839	857.339	311.5814	14.23343	0.345299	2.183143	476.3348	1364.949	0.244359	0.439597	436.1409	260.8539	4.546873	100	11.9
1459.992	857.492	311.5858	14.23339	0.349315	2.015715	482.5859	1342.931	0.24829	0.450286	415.9665	197.8123	3.448067	100	8.5
1460.144	857.644	311.5901	14.233	0.342256	2.207336	485.7071	1348.273	0.241467	0.430144	453.1781	307.6322	5.362552	100	14.4
1460.297	857.797	311.5946	14.30499	0.355412	1.982808	486.1562	1335.495	0.254276	0.462016	391.5179	139.7639	2.424145	100	5.5
1460.449	857.949	311.5989	14.26971	0.351581	1.901187	484.6069	1355.718	0.250582	0.455023	406.265	169.7087	2.950808	100	7
1460.601	858.101	311.6033	14.25716	0.364836	1.632105	482.3337	1364.286	0.263511	0.484545	347.6838	95.8798	1.668591	100	3.1
1460.754	858.254	311.6077	14.19265	0.355817	1.667694	479.9569	1369.057	0.254761	0.455648	399.6357	154.6788	2.704088	100	6.1
1460.906	858.406	311.6121	14.21549	0.37113	1.57414	478.035	1361.919	0.269706	0.481324	343.579	93.48358	1.631682	100	2.9
1461.059	858.559	311.6165	14.11346	0.364199	1.621555	477.6149	1339.057	0.26298	0.465486	374.7164	117.5286	2.066171	100	4.2
1461.211	858.711	311.6209	14.11194	0.372024	1.602993	478.187	1318.233	0.270639	0.482038	341.3055	92.22584	1.62154	100	2.8
1461.363	858.863	311.6253	14.1354	0.362218	1.735319	478.2	1313.801	0.261111	0.459436	385.6458	130.871	2.297232	100	4.9
1461.516	859.016	311.6297	14.15246	0.371007	1.58112	477.3804	1311.872	0.269706	0.48608	337.0155	89.97358	1.577466	100	2.7
1461.668	859.168	311.634	14.18492	0.375521	1.477576	476.4045	1313.637	0.274142	0.502074	308.8226	78.03035	1.364969	100	2.1
1461.821	859.321	311.6384	14.32775	0.369962	1.51005	476.5434	1304.508	0.268748	0.498005	321.8811	83.05314	1.438427	100	2.3
1461.973	859.473	311.6428	14.33434	0.365499	1.60776	477.9077	1295.353	0.264427	0.486366	343.9065	93.66867	1.62156	100	2.9
1462.125	859.625	311.6472	14.35467	0.380051	1.430895	479.7083	1291.705	0.278655	0.514122	285.9672	70.60238	1.220537	100	1.6
1462.278	859.778	311.6516	14.33439	0.394472	1.337733	480.9497	1304.996	0.292792	0.53835	233.0242	57.12794	0.989001	100	0.9
1462.43	859.93	311.656	14.31608	0.381781	1.507145	481.1835	1327.054	0.280406	0.510649	288.3447	71.31345	1.236169	100	1.7
1462.583	860.083	311.6604	14.31754	0.36192	1.871357	480.6379	1352.738	0.261061	0.468681	372.9565	115.6968	2.005346	100	4.1
1462.735	860.235	311.6648	14.31212	0.361252	1.830771	479.2103	1345.863	0.260441	0.469842	372.2104	114.9431	1.993058	100	4.1
1462.887	860.387	311.6691	14.3401	0.335187	2.249416	478.2282	1347.251	0.235155	0.412794	485.83	387.0981	6.699146	100	18.8
1463.04	860.54	311.6736	14.33469	0.351166	1.873864	477.7528	1333.627	0.25069	0.455577	405.3515	167.4604	2.899207	100	6.9
1463.192	860.692	311.6779	14.34104	0.349375	1.994116	478.3279	1327.322	0.24898	0.455913	407.2481	172.1976	2.979945	100	7.2
1463.345	860.845	311.6823	14.2435	0.357156	1.922804	478.568	1320.588	0.256575	0.472074	374.4653	117.2626	2.043136	100	4.3
1463.497	860.997	311.6867	14.28929	0.347073	2.08692	478.5839	1315.701	0.246804	0.444646	425.7987	230.4285	4.002131	100	10.2
1463.649	861.149	311.6911	14.32664	0.341363	2.174037	478.1578	1311.233	0.241293	0.435034	446.6694	290.2304	5.027765	100	13.5
1463.802	861.302	311.6955	14.42352	0.340899	2.146983	477.9557	1303.672	0.240873	0.441188	438.7555	268.2954	4.616771	100	12.3
1463.954	861.454	311.6999	14.36782	0.341513	2.170712	477.9781	1283.634	0.241498	0.440904	438.2854	266.9646	4.611648	100	12.2
1464.107	861.607	311.7043	14.38166	0.366625	1.795286	478.3902	1272.815	0.265945	0.48579	342.605	92.93901	1.603947	100	2.9
1464.259	861.759	311.7087	14.32645	0.357556	1.86396	479.3062	1264.677	0.257144	0.464797	383.7218	128.2457	2.221789	100	4.8
1464.411	861.911	311.713	14.35776	0.351322	1.8157	480.441	1258.357	0.251112	0.459992	398.6766	152.7336	2.64032	100	6.1
1464.564	862.064	311.7174	14.31327	0.353519	1.820434	481.3469	1250.96	0.253278	0.466121	387.2288	133.1326	2.308627	100	5.1
1464.716	862.216	311.7218	14.27084	0.362347	1.69837	481.5289	1240.519	0.261898	0.473472	365.1904	108.4489	1.886181	100	3.7
1464.869	862.369	311.7262	14.29841	0.383719	1.496174	481.1517	1233.066	0.282781	0.511606	283.7462	69.94886	1.214255	100	1.6
1465.021	862.521	311.7306	14.30056	0.386267	1.4557	480.0559	1226.357	0.285302	0.519869	268.8636	65.80699	1.142199	100	1.4
1465.173	862.673	311.735	14.27225	0.399649	1.354015	479.2949	1231.026	0.298435	0.549114	210.3822	52.34652	0.910375	100	0.6
1465.326	862.826	311.7394	14.25165	0.394412	1.379049	478.8194	1241.232	0.293334	0.534957	236.9586	58.00832	1.010306	100	0.9
1465.478	862.978	311.7438	14.23652	0.398283	1.302232	479.2317	1259.292	0.297157	0.539455	225.4763	55.48176	0.967337	100	0.8
1465.631	863.131	311.7482	14.24302	0.382898	1.366297	479.8097	1276.815	0.282128	0.509259	287.8854	71.17514	1.240407	100	1.6
1465.783	863.283	311.7526	14.29329	0.356713	1.666286	480.4953	1294.262	0.256624	0.454185	399.0836	153.5524	2.666701	100	6
1465.935	863.435	311.7569	14.28619	0.356397	1.749517	481.0212	1303.718	0.256347	0.455192	398.0763	151.5429	2.633138	100	5.9
1466.088	863.588	311.7613	14.30224	0.35515	1.871094	481.7129	1314.349	0.255164	0.455627	399.1087	153.6033	2.66599	100	6.1
1466.24	863.74	311.7657	14.31274	0.36135	1.845552	482.847	1324.013	0.261227	0.473286	366.3716	109.4712	1.898656	100	3.8
1466.393	863.893	311.7701	14.32135	0.366771	1.70336	483.7571	1347.133	0.266539	0.487361	339.6184	91.32202	1.582951	100	2.8

1466.545	864.045	311.7745	14.35252	0.387788	1.43958	484.3317	1359.968	0.287091	0.52895	253.8638	61.98217	1.072073	100	1.2
1466.697	864.197	311.7789	14.344	0.375478	1.59182	484.6856	1370.625	0.275092	0.498243	312.7981	79.48561	1.375651	100	2.1
1466.85	864.35	311.7833	14.34009	0.358619	1.765735	485.0365	1371.207	0.258689	0.454027	396.4518	148.4207	2.569435	100	5.7
1467.002	864.502	311.7877	14.3179	0.378404	1.447882	484.8283	1367.463	0.278009	0.490317	319.7111	82.16706	1.424676	100	2.2
1467.155	864.655	311.7921	14.21387	0.399907	1.224099	484.0581	1360.793	0.299079	0.533999	230.3519	56.53883	0.987472	100	0.8
1467.307	864.807	311.7964	14.24515	0.405007	1.172089	482.569	1350.816	0.30411	0.546563	206.0707	51.48682	0.897281	100	0.5
1467.459	864.959	311.8008	14.25047	0.390008	1.353049	481.0186	1335.252	0.289443	0.525063	255.9812	62.50365	1.088884	100	1.2
1467.612	865.112	311.8052	14.28527	0.387517	1.379637	478.8078	1312.301	0.287036	0.522681	262.5903	64.16921	1.115203	100	1.3
1467.764	865.264	311.8096	14.31825	0.373021	1.503918	477.0486	1280.097	0.272904	0.48882	328.821	86.05152	1.492087	100	2.4
1467.917	865.417	311.814	14.34871	0.382818	1.317236	476.352	1255.651	0.282501	0.50796	289.1645	71.56152	1.238231	100	1.6
1468.069	865.569	311.8184	14.33179	0.375336	1.32611	476.7764	1244.804	0.275223	0.498186	312.6957	79.44738	1.376314	100	2
1468.221	865.721	311.8228	14.28365	0.371501	1.404635	479.0961	1255.076	0.27151	0.494126	323.4229	83.69682	1.454813	100	2.3
1468.374	865.874	311.8272	14.33744	0.356765	1.650996	482.6413	1277.482	0.257185	0.454374	398.0489	151.4889	2.62337	100	5.9
1468.526	866.026	311.8315	14.34376	0.372278	1.567658	486.7914	1306.876	0.272328	0.4753	348.2732	96.2381	1.665868	100	2.9
1468.679	866.179	311.836	14.3943	0.356637	1.683015	490.9845	1335.406	0.25712	0.428794	433.439	253.0597	4.365178	100	10.8
1468.831	866.331	311.8403	14.40572	0.383243	1.393151	493.6113	1360.319	0.283096	0.484537	320.6667	82.55447	1.422926	100	2.1
1468.983	866.483	311.8447	14.41069	0.383615	1.313534	494.2814	1382.227	0.28349	0.4831	322.1069	83.14664	1.432659	100	2.1
1469.136	866.636	311.8491	14.32886	0.404901	1.161226	492.6665	1389.322	0.304366	0.532527	225.0886	55.39868	0.959985	100	0.6
1469.288	866.788	311.8535	14.33658	0.381859	1.365881	488.9999	1385.794	0.281834	0.486205	320.1063	82.32676	1.425867	100	2.1
1469.441	866.941	311.8579	14.30046	0.387624	1.387601	485.4499	1370.878	0.2875	0.50327	288.7371	71.43202	1.240301	100	1.6
1469.593	867.093	311.8623	14.25966	0.38022	1.476546	482.5757	1351.443	0.280291	0.48882	318.6257	81.73225	1.42321	100	2.2
1469.745	867.245	311.8667	14.22126	0.375821	1.461909	481.2034	1328.709	0.276026	0.480138	336.4942	89.70996	1.566348	100	2.6
1469.898	867.398	311.8711	14.22339	0.373718	1.370481	480.2213	1287.739	0.274003	0.47933	340.4016	91.73856	1.601549	100	2.7
1470.05	867.55	311.8754	14.23304	0.366535	1.448296	479.7952	1253.756	0.267028	0.465559	369.0309	111.8734	1.951764	100	3.7
1470.203	867.703	311.8798	14.21364	0.372623	1.40059	479.4208	1230.35	0.272994	0.482314	337.6744	90.30984	1.577725	100	2.6
1470.355	867.855	311.8842	14.23092	0.372667	1.395673	478.8836	1212.661	0.273067	0.485976	332.5205	87.76565	1.531442	100	2.5
1470.507	868.007	311.8886	14.26958	0.384088	1.251772	478.4545	1204.244	0.284252	0.514629	277.5448	68.17534	1.186411	100	1.4
1470.66	868.16	311.893	14.30195	0.352292	1.497068	478.0314	1203.878	0.253285	0.447692	412.652	187.268	3.251601	100	7.7
1470.812	868.312	311.8974	14.32333	0.34822	1.496993	478.0536	1212.018	0.249358	0.436723	433.2086	252.3903	4.375885	100	11
1470.965	868.465	311.9018	14.27448	0.332941	1.62951	478.2969	1230.781	0.23457	0.396391	509.2737	437.1464	7.605068	100	21.4
1471.117	868.617	311.9062	14.33683	0.362078	1.292848	478.5953	1240.991	0.262895	0.462025	379.6107	123.0532	2.131522	100	4.2
1471.269	868.769	311.9105	14.2751	0.362385	1.294493	479.0691	1251.319	0.263224	0.463324	377.3635	120.4341	2.095164	100	4.1
1471.422	868.922	311.915	14.23452	0.367737	1.290512	480.4272	1260.71	0.268469	0.477713	350.2691	97.47986	1.700672	100	3
1471.574	869.074	311.9193	14.24222	0.364919	1.38295	481.7825	1279.04	0.265753	0.473388	359.9853	104.2409	1.817672	100	3.4
1471.727	869.227	311.9237	14.25422	0.375913	1.352131	482.5233	1295.055	0.276505	0.493526	317.3582	81.23124	1.415277	100	2.1
1471.879	869.379	311.9281	14.22943	0.365305	1.518554	482.7634	1304.628	0.266189	0.465299	370.5479	113.31	1.97763	100	3.9
1472.031	869.531	311.9325	14.26608	0.363106	1.630451	482.7826	1303.789	0.264077	0.456512	385.588	130.7902	2.276904	100	4.8
1472.184	869.684	311.9369	14.27366	0.357481	1.660805	482.8016	1300.105	0.25863	0.442203	412.8502	187.8689	3.268891	100	7.7
1472.336	869.836	311.9413	14.27737	0.360135	1.681677	482.8207	1308.497	0.261243	0.450418	397.9085	151.2137	2.630449	100	5.8
1472.489	869.989	311.9457	14.28366	0.367568	1.486669	482.8397	1312.345	0.268513	0.472322	357.6469	102.494	1.782183	100	3.3
1472.641	870.141	311.9501	14.25087	0.368204	1.506542	482.8588	1309.205	0.269164	0.475882	351.8369	98.48746	1.716463	100	3.1
1472.793	870.293	311.9544	14.29342	0.383776	1.320181	482.8779	1306.802	0.284395	0.506475	288.5984	71.39008	1.24053	100	1.6
1472.946	870.446	311.9588	14.32707	0.380137	1.340694	482.7833	1293.754	0.280869	0.493889	310.834	78.75929	1.3654	100	2
1473.098	870.598	311.9632	14.27105	0.366108	1.428328	482.4615	1294.716	0.26721	0.46204	373.6344	116.3934	2.025753	100	3.9
1473.251	870.751	311.9676	14.20289	0.368009	1.320216	481.4148	1289.997	0.269093	0.466168	365.34	108.5769	1.89877	100	3.5
1473.403	870.903	311.972	14.29393	0.363058	1.327677	479.9778	1274.217	0.264298	0.45659	385.174	130.2149	2.262752	100	4.6
1473.555	871.055	311.9764	14.33303	0.352177	1.455344	478.111	1259.258	0.253742	0.433761	431.2466	246.6559	4.274566	100	10.6
1473.708	871.208	311.9808	14.29325	0.339087	1.682098	477.5802	1258.497	0.241064	0.412529	478.0414	369.248	6.416912	100	17.5
1473.86	871.36	311.9852	14.32032	0.343385	1.643199	478.1676	1256.469	0.245263	0.430807	447.0241	291.1932	5.050989	100	13.2
1474.013	871.513	311.9896	14.34658	0.351651	1.498665	479.9712	1265.172	0.25332	0.454289	403.5	163.0845	2.823719	100	6.5
1474.165	871.665	311.994	14.34151	0.365169	1.338907	481.5443	1267.795	0.266505	0.477518	353.2485	99.42017	1.722033	100	3.1
1474.317	871.817	311.9983	14.34847	0.378652	1.251113	482.0089	1278.15	0.279688	0.497992	306.8022	77.31246	1.338481	100	1.9
1474.47	871.97	312.0027	14.38423	0.37659	1.351357	482.0801	1283.841	0.277704	0.49054	319.8226	82.21204	1.419802	100	2.1
1474.622	872.122	312.0071	14.35464	0.394176	1.246029	481.9916	1292.563	0.294931	0.52833	243.8991	59.60087	1.031432	100	0.9
1474.775	872.275	312.0115	14.38542	0.385045	1.340992	482.2319	1299.579	0.286025	0.50843	283.6524	69.92147	1.207475	100	1.5
1474.927	872.427	312.0159	14.43414	0.381674	1.384586	482.3645	1306.335	0.282759	0.495271	306.3183	77.1426	1.327719	100	1.9
1475.079	872.579	312.0203	14.45225	0.380556	1.373224	482.4265	1298.793	0.281698	0.491479	313.0166	79.5673	1.367761	100	2
1475.232	872.732	312.0247	14.42691	0.380478	1.35454	481.22	1292.317	0.281651	0.491242	313.4079	79.71414	1.372697	100	2
1475.384	872.884	312.0291	14.40181	0.343379	1.740016	480.1274	1288.968	0.245556	0.403445	484.379	383.8217	6.621052	100	17.9
1475.537	873.037	312.0335	14.43157	0.332754	1.935565	479.876	1287.588	0.235286	0.381299	529.1123	475.6521	8.188425	100	23.3
1475.689	873.189	312.0378	14.41834	0.351589	1.716571	480.5155	1292.146	0.253588	0.437219	426.6865	233.1039	4.016635	100	10
1475.841	873.341	312.0422	14.38173	0.360959	1.627984	482.2055	1298.812	0.262733	0.473831	363.5425	107.0659	1.84956	100	3.6
1475.994	873.494	312.0466	14.33861	0.366869	1.598085	483.2289	1304.089	0.26852	0.490182	332.9918	87.99043	1.524602	100	2.6
1476.146	873.646	312.051	14.34406	0.389745	1.358764	484.0802	1309.418	0.290891	0.532217	244.1101	59.6501	1.033174	100	1
1476.299	873.799	312.0554	14.3151	0.406897	1.191799	484.2065	1309.079	0.307731	0.558332	184.8339	47.46532	0.823793	100	0.3
1476.451	873.951	312.0598	14.25667	0.402876	1.204686	483.9984	1306.298	0.303815	0.545731	207.6267	51.79531	0.902624	100	0.5
1476.603	874.103	312.0642	14.35367	0.401643	1.209219	483.348	1304.309	0.302636	0.543988	211.6585	52.60396	0.910558	100	0.6
1476.756	874.256	312.0686	14.4454	0.408425	1.164508	482.7005	1300.171	0.30932	0.555629	186.3707	47.74499	0.821238	100	0.3
1476.908	874.408	312.073	14.41569	0.392135	1.256482	482.2743	1297.18	0.29338	0.518807	259.1826	63.30313	1.091093	100	1.1
1477.061	874.561	312.0774	14.4268	0.385167	1.322011	482.0689	1294.027	0.286593	0.501382	292.5951	72.61617	1.250669	100	1.6
1477.213	874.713	312.0817	14.43498	0.377561	1.357151	481.8699	1294.333	0.27919	0.486854	322.8602	83.46052	1.43665	100	2.2
1477.365	874.865	312.0861	14.44901	0.381772	1.350733	482.1102	1292.929	0.283333	0.500695	298.0415	74.34976	1.278601	100	1.7
1477.518	875.018	312.0905	14.45758	0.381423	1.355342	482.3534	1294.454	0.283022	0.505205	292.2467	72.50783	1.246206	100	1.6
1477.67	875.17	312.0949	14.49214	0.378959	1.336585	482.7104	1296.591	0.280644	0.499563	303.3142	76.10496	1.304944	100	1.8
1477.823	875.323	312.0993	14.47925	0.375944	1.314046	483.1747	1301.8	0.27773	0.490714	319.5469	82.10092	1.409019	100	2.1
1477.975	875.475	312.1037	14.4638	0.386127	1.229794	483.4148	1310.467	0.28771	0.512207	276.115	67.7765	1.164434	100	1.3
1478.127	875.627	312.1081	14.37019	0.385191	1.298483	483.431	1318.442	0.286825	0.508814	282.0187	69.44743	1.200891	100	1.5
1478.28	875.78	312.1125	14.29944	0.379447	1.453839	483.1115	1329.468	0.281241	0.4938	310.4445	78.61701	1.366167	100	2
1478.432	875.932	312.1168	14.34941	0.36947	1.513068	482.4615	1323.74	0.271533	0.470266	356.3178	101.5371	1.758365	100	3.2
1478.585	876.085	312.1212	14.40489	0.363017	1.546068	481.808	1324.588	0.265274	0.456246	384.3027	129.0244	2.225837	100	4.6

1478.737	876.237	312.1256	14.3509	0.367488	1.424491	480.9915	1318.845	0.26966	0.466885	363.5675	107.0865	1.854322	100	3.5
1478.889	876.389	312.13	14.36164	0.366382	1.480492	480.3932	1316.896	0.268612	0.460661	373.6033	116.3611	2.013449	100	3.9
1479.042	876.542	312.1344	14.44037	0.39107	1.272488	479.5367	1319.181	0.292755	0.51223	269.1219	65.8757	1.133705	100	1.2
1479.194	876.694	312.1388	14.41405	0.395682	1.216558	480.7815	1327.231	0.297301	0.521838	249.5883	60.94608	1.050787	100	1
1479.347	876.847	312.1432	14.3928	0.398767	1.141166	481.6328	1341.351	0.300354	0.530306	233.6892	57.27565	0.988968	100	0.8
1479.499	876.999	312.1476	14.36685	0.377354	1.346154	481.9773	1339.308	0.279434	0.486247	323.3601	83.67037	1.447337	100	2.2
1479.651	877.151	312.1519	14.33616	0.390728	1.260873	481.2163	1332.163	0.29254	0.516261	263.8543	64.4946	1.118025	100	1.2
1479.804	877.304	312.1564	14.34661	0.383794	1.326742	480.4029	1317.589	0.285786	0.501632	293.3625	72.8559	1.26207	100	1.7
1479.956	877.456	312.1607	14.40225	0.392962	1.213014	480.2101	1309.726	0.294787	0.52294	251.5372	61.41559	1.059813	100	1
1480.109	877.609	312.1651	14.41417	0.394676	1.250977	481.5159	1303.48	0.296494	0.529555	240.0517	58.71168	1.012332	100	0.9
1480.261	877.761	312.1695	14.41306	0.390063	1.291801	483.2704	1302.272	0.292007	0.520265	259.0641	63.27328	1.091083	100	1.1
1480.413	877.913	312.1739	14.44678	0.36142	1.628667	485.461	1305.234	0.264077	0.455321	387.2308	133.1355	2.290481	100	4.8
1480.566	878.066	312.1783	14.49102	0.358336	1.619907	486.813	1311.142	0.261104	0.444709	405.9774	168.9943	2.898607	100	6.6
1480.718	878.218	312.1827	14.51289	0.350478	1.783356	487.213	1318.615	0.253493	0.426636	441.422	275.7836	4.723239	100	12.1
1480.871	878.371	312.1871	14.50922	0.37099	1.529559	486.6176	1319.937	0.273492	0.474756	347.4183	95.71961	1.639786	100	2.9
1481.023	878.523	312.1915	14.52542	0.371942	1.549337	485.8533	1322.72	0.27445	0.475951	344.4463	93.97601	1.608151	100	2.8
1481.175	878.675	312.1958	14.56999	0.403767	1.220914	484.8711	1319.634	0.305614	0.54353	208.1817	51.90583	0.88554	100	0.5
1481.328	878.828	312.2002	14.61405	0.39365	1.284503	484.6106	1321.098	0.295728	0.521695	251.9564	61.51719	1.046383	100	1
1481.48	878.98	312.2046	14.60865	0.409042	1.101256	484.0707	1318.011	0.310849	0.55482	185.3757	47.56372	0.809347	100	0.2
1481.633	879.133	312.209	14.64639	0.387067	1.238227	483.7549	1313.218	0.289345	0.508431	279.0701	68.60486	1.16441	100	1.3
1481.785	879.285	312.2134	14.67307	0.377914	1.31251	483.2149	1303.179	0.280428	0.490309	316.3825	80.85042	1.369788	100	2
1481.937	879.437	312.2178	14.70269	0.362745	1.515368	482.7885	1298.387	0.265665	0.458751	380.3072	123.8952	2.094888	100	4.2
1482.09	879.59	312.2222	14.6767	0.37454	1.48103	482.4727	1290.938	0.277194	0.484927	328.2726	85.80469	1.453404	100	2.3
1482.242	879.742	312.2266	14.76326	0.381438	1.432071	482.1663	1290.607	0.283961	0.497201	301.9969	75.65883	1.2741	100	1.8
1482.395	879.895	312.231	14.77273	0.398066	1.252966	482.8548	1287.033	0.300262	0.529073	235.5177	57.68408	0.970798	100	0.8
1482.547	880.047	312.2354	14.7846	0.400633	1.187874	483.5403	1290.509	0.302808	0.532467	227.3209	55.87903	0.939682	100	0.7
1482.699	880.199	312.2397	14.73682	0.420227	1.035778	484.0047	1288.657	0.322079	0.575301	141.6163	40.2514	0.67907	91.1	0
1482.852	880.352	312.2441	14.72683	0.421292	1.03746	484.1343	1287.848	0.323156	0.581677	131.3299	38.70486	0.653427	87.4	0
1483.004	880.504	312.2485	14.71978	0.405381	1.162313	484.1534	1289.53	0.307554	0.553427	191.8464	48.75547	0.823507	100	0.3
1483.157	880.657	312.2529	14.72816	0.398725	1.232271	484.1724	1293.623	0.301057	0.541035	217.9139	53.88584	0.909659	100	0.6
1483.309	880.809	312.2573	14.73934	0.401481	1.237726	484.1914	1300.265	0.303788	0.544242	209.7178	52.21303	0.880767	100	0.5
1483.461	880.961	312.2617	14.7633	0.406842	1.186762	484.2104	1302.548	0.309077	0.552705	190.7399	48.5495	0.817658	100	0.3
1483.614	881.114	312.2661	14.79737	0.397772	1.238006	484.2294	1306.532	0.300212	0.531751	231.8902	56.8771	0.955731	100	0.7
1483.766	881.266	312.2705	14.79955	0.390471	1.270288	484.2485	1307.562	0.293092	0.518115	260.5342	63.64474	1.069308	100	1.1
1483.919	881.419	312.2749	14.80579	0.381253	1.359537	484.381	1310.235	0.284106	0.500981	296.5793	73.8768	1.240715	100	1.6
1484.071	881.571	312.2792	14.77364	0.379101	1.403375	484.6242	1311.847	0.282033	0.4987	302.5885	75.85853	1.276766	100	1.8
1484.223	881.723	312.2836	14.73724	0.388992	1.351818	484.9751	1310.354	0.291734	0.519058	261.1069	63.79024	1.076293	100	1.2
1484.376	881.876	312.288	14.66122	0.388462	1.350548	484.9909	1308.992	0.291245	0.518511	262.5363	64.15537	1.088044	100	1.2
1484.528	882.028	312.2924	14.66338	0.399527	1.277474	484.6783	1307.348	0.30211	0.546306	209.1852	52.1063	0.883579	100	0.6
1484.681	882.181	312.2968	14.66441	0.377493	1.549612	484.473	1304.423	0.280583	0.506508	293.8152	72.99803	1.237775	100	1.8
1484.833	882.333	312.3012	14.67029	0.367392	1.695548	484.3815	1301.34	0.270757	0.483807	338.702	90.84104	1.539732	100	2.7
1484.985	882.485	312.3056	14.66366	0.361642	1.771156	484.4006	1303.965	0.265185	0.465068	372.2516	114.9843	1.949854	100	4
1485.138	882.638	312.31	14.61872	0.359851	1.791649	484.4195	1309.443	0.263471	0.453173	391.0314	138.9725	2.363867	100	5.2
1485.29	882.79	312.3144	14.56346	0.377436	1.598985	484.4355	1319.151	0.280646	0.491997	313.7538	79.84439	1.363262	100	2.1
1485.443	882.943	312.3188	14.56978	0.381568	1.503486	484.0613	1317.797	0.284711	0.501531	294.9856	73.36776	1.252155	100	1.7
1485.595	883.095	312.3231	14.53887	0.397818	1.313818	483.2908	1315.907	0.300643	0.540738	218.8939	54.08977	0.925105	100	0.7
1485.747	883.247	312.3275	14.50635	0.368081	1.511327	481.7528	1312.675	0.271607	0.476411	347.7363	95.91153	1.644066	100	2.9
1485.9	883.4	312.3319	14.46646	0.368212	1.542997	481.1082	1309.625	0.271764	0.476435	347.4847	95.75958	1.645986	100	2.9
1486.052	883.552	312.3363	14.47651	0.375198	1.472327	481.2471	1308.982	0.278609	0.487327	323.0086	83.52267	1.434676	100	2.3
1486.205	883.705	312.3407	14.44942	0.379953	1.512308	482.2734	1309.031	0.283282	0.49977	299.3887	74.79064	1.287098	100	1.8
1486.357	883.857	312.3451	14.41273	0.382791	1.515	483.6254	1309.772	0.286085	0.508239	283.8343	69.97458	1.207283	100	1.6
1486.509	884.009	312.3495	14.4116	0.361752	1.826619	484.0837	1308.06	0.265589	0.464105	373.022	115.7637	1.997472	100	4.1
1486.662	884.162	312.3539	14.41959	0.367372	1.674722	483.7618	1303.488	0.271094	0.477215	347.3333	95.66848	1.649845	100	3
1486.814	884.314	312.3582	14.40886	0.372848	1.607642	482.4386	1296.547	0.276464	0.490467	321.6348	82.9514	1.431612	100	2.3
1486.967	884.467	312.3626	14.4004	0.380357	1.547372	481.1215	1295.876	0.283825	0.51006	284.4387	70.15154	1.21143	100	1.7
1487.119	884.619	312.367	14.38537	0.370248	1.721349	480.1391	1295.949	0.273987	0.489372	326.5647	85.04736	1.470208	100	2.5
1487.271	884.771	312.3714	14.33922	0.360723	1.740327	479.6576	1301.57	0.264735	0.468548	368.0696	110.9885	1.924824	100	3.9
1487.424	884.924	312.3758	14.34546	0.343797	1.963834	479.3385	1292.78	0.248313	0.427547	447.3126	291.9753	5.061471	100	13.4
1487.576	885.076	312.3802	14.29213	0.369781	1.600042	478.688	1290.298	0.273621	0.481884	337.4041	90.17148	1.568977	100	2.7
1487.729	885.229	312.3846	14.36847	0.368669	1.695634	478.0345	1284.916	0.272566	0.476411	346.4109	95.11854	1.646318	100	3
1487.881	885.381	312.389	14.42321	0.372449	1.623597	477.2793	1282.365	0.276282	0.487646	325.7802	84.70506	1.46056	100	2.4
1488.033	885.533	312.3934	14.3796	0.361877	1.724526	477.3046	1281.979	0.266007	0.467867	367.2532	110.2518	1.906823	100	3.8
1488.186	885.686	312.3978	14.33794	0.368082	1.609861	478.1036	1285.869	0.272083	0.479852	342.3298	92.78674	1.609426	100	2.9
1488.338	885.838	312.4021	14.25059	0.374076	1.454433	478.7923	1289.251	0.277959	0.486994	324.3649	84.09614	1.46761	100	2.3
1488.491	885.991	312.4065	14.23739	0.374838	1.387497	479.4779	1290.726	0.278732	0.487741	322.2678	83.21344	1.453566	100	2.3
1488.643	886.143	312.4109	14.24286	0.387599	1.287491	479.7209	1296.578	0.291232	0.521686	258.174	63.04979	1.100941	100	1.2
1488.795	886.295	312.4153	14.25095	0.372523	1.546206	479.8504	1308.354	0.276532	0.495431	314.6906	80.19967	1.399629	100	2.2
1488.948	886.448	312.4197	14.21271	0.378004	1.529351	479.8665	1310.088	0.281913	0.51016	286.9405	70.89202	1.240527	100	1.7
1489.1	886.6	312.4241	14.17636	0.38496	1.417702	479.7717	1304.982	0.28874	0.525633	256.1657	62.54936	1.097352	100	1.3
1489.253	886.753	312.4285	14.14214	0.389862	1.326624	479.4529	1289.934	0.293564	0.533317	238.9041	58.44955	1.027913	100	1
1489.405	886.905	312.4329	14.14398	0.376355	1.454955	478.8023	1282.203	0.280391	0.502723	299.3036	74.76267	1.314648	100	1.9
1489.557	887.057	312.4372	14.1384	0.379449	1.383737	478.1544	1278.798	0.283443	0.507874	287.9828	71.20444	1.252587	100	1.7
1489.71	887.21	312.4416	14.14048	0.381709	1.335492	477.7253	1285.379	0.28568	0.51496	275.1162	67.50004	1.187263	100	1.5
1489.862	887.362	312.446	14.14712	0.382256	1.334667	477.3513	1281.818	0.286244	0.519882	267.546	65.45814	1.150824	100	1.4
1490.015	887.515	312.4504	14.11232	0.382328	1.319128	476.7006	1277.904	0.286345	0.520667	266.3243	65.13704	1.148009	100	1.4
1490.167	887.667	312.4548	14.10684	0.35678	1.578031	475.9362	1265.511	0.261462	0.465765	376.4266	119.3843	2.104934	100	4.4
1490.319	887.819	312.4592	14.10734	0.344682	1.733464	475.0616	1256.554	0.249735	0.438511	430.2211	243.6359	4.295589	100	11
1490.472	887.972	312.4636	14.114	0.329752	1.910419	474.1314	1248.613	0.235295	0.406464	494.3724	405.9512	7.154123	100	20.4
1490.624	888.124	312.468	14.11631	0.339287	1.723992	473.3672	1250.273	0.244561	0.430208	448.818	296.0371	5.216309	100	13.9
1490.777	888.277	312.4724	14.07834	0.33834	1.684636	472.3848	1247.569	0.243673	0.42862	452.2369	305.1505	5.391427	100	14.5

1490.929	888.429	312.4768	14.08112	0.345884	1.617237	471.9614	1249.936	0.25102	0.44855	414.5934	193.3138	3.414857	100	8.4
1491.081	888.581	312.4811	14.11051	0.333405	1.769497	471.8731	1253.324	0.23895	0.425469	463.103	333.1181	5.872326	100	16.2
1491.234	888.734	312.4855	14.13935	0.319903	1.928266	472.2267	1253.26	0.225922	0.395895	521.8938	462.0166	8.128131	100	24.1
1491.386	888.886	312.4899	14.13368	0.329074	1.697363	472.6912	1250.016	0.234817	0.414955	483.3152	381.4053	6.71273	100	19
1491.539	889.039	312.4943	14.17924	0.34167	1.537474	472.9244	1233.275	0.247049	0.437031	435.9692	260.3619	4.567742	100	11.9
1491.691	889.191	312.4987	14.20577	0.375965	1.173983	471.9919	1208.78	0.280455	0.509435	289.9519	71.80119	1.257338	100	1.6
1491.843	889.343	312.5031	14.20172	0.367314	1.257737	471.1203	1187.191	0.272045	0.488775	330.068	86.61958	1.517279	100	2.5
1491.996	889.496	312.5075	14.19458	0.366422	1.247164	470.2084	1169.668	0.271205	0.489316	330.481	86.80988	1.521395	100	2.5
1492.148	889.648	312.5119	14.18469	0.346137	1.413665	471.6342	1149.984	0.251503	0.446958	416.124	198.3405	3.478495	100	8.5
1492.301	889.801	312.5163	14.17446	0.333565	1.462277	474.5035	1141.081	0.239342	0.422717	466.3594	341.2156	5.988622	100	16.4
1492.453	889.953	312.5206	14.1745	0.341723	1.327399	477.7475	1139.287	0.247278	0.444666	425.1163	228.3635	4.008013	100	10.1
1492.605	890.105	312.525	14.18835	0.348981	1.293704	479.201	1149.599	0.254354	0.462876	390.2232	137.6806	2.414114	100	5.3
1492.758	890.258	312.5294	14.19787	0.351468	1.317941	478.3719	1158.088	0.2568	0.469261	378.0358	121.2025	2.123791	100	4.4
1492.91	890.41	312.5338	14.19931	0.367148	1.204119	476.499	1176.828	0.272091	0.497254	318.3045	81.60458	1.429804	100	2.2
1493.063	890.563	312.5382	14.1243	0.373939	1.151161	475.4123	1193.01	0.278743	0.504546	299.061	74.68296	1.315475	100	1.8
1493.215	890.715	312.5426	14.08631	0.388583	1.026419	475.6616	1212.257	0.293083	0.531767	241.7077	59.09243	1.043675	100	0.9
1493.367	890.867	312.547	14.11922	0.378502	1.093767	476.5744	1230.128	0.283258	0.511705	282.9524	69.71772	1.228489	100	1.5
1493.52	891.02	312.5514	14.13165	0.368351	1.14291	477.4745	1235.588	0.273382	0.491522	324.4323	84.12493	1.481076	100	2.3
1493.672	891.172	312.5558	14.20055	0.362739	1.139775	477.202	1230.241	0.267943	0.476273	352.9819	99.2421	1.738793	100	3.1
1493.825	891.325	312.5602	14.23543	0.369895	1.10208	475.3073	1225.631	0.274946	0.48629	329.4946	86.35718	1.509363	100	2.3
1493.977	891.477	312.5645	14.24595	0.372436	1.124861	471.3551	1210.537	0.277454	0.491458	318.9017	81.8423	1.429417	100	2.1
1494.129	891.629	312.5689	14.24727	0.356941	1.288706	466.687	1188.212	0.262388	0.467617	372.5942	115.3292	2.014122	100	4
1494.282	891.782	312.5733	14.26227	0.343648	1.374977	462.5871	1156.678	0.249501	0.45088	413.4738	189.7835	3.310969	100	8
1494.434	891.934	312.5777	14.26819	0.338288	1.28387	460.2719	1130.301	0.244332	0.444573	429.3112	240.9431	4.201817	100	10.8
1494.587	892.087	312.5821	14.26366	0.354271	1.019106	459.1267	1115.023	0.25988	0.474881	366.0309	109.1736	1.90451	100	3.6
1494.739	892.239	312.5865	14.26155	0.359978	0.954459	459.2623	1106.795	0.265461	0.482406	347.9427	96.03672	1.675608	100	2.8
1494.891	892.391	312.5909	14.26899	0.362374	0.954611	460.0123	1095.52	0.267823	0.486695	338.7642	90.87349	1.584719	100	2.6
1495.044	892.544	312.5953	14.23811	0.378308	0.885169	461.2044	1079.524	0.283393	0.519289	272.299	66.72931	1.166205	100	1.2
1495.196	892.696	312.5996	14.24283	0.380337	0.901051	462.4522	1066.728	0.285404	0.523115	264.2432	64.59516	1.128549	100	1.1
1495.349	892.849	312.6041	14.24907	0.374338	0.961275	463.976	1063.228	0.279577	0.509099	291.6278	72.31602	1.262905	100	1.6
1495.501	893.001	312.6084	14.2643	0.342154	1.204889	465.1174	1065.156	0.248288	0.439086	431.424	247.177	4.312086	100	10.9
1495.653	893.153	312.6128	14.28126	0.333672	1.233975	466.6924	1063.171	0.240096	0.423148	464.7233	337.163	5.875037	100	16
1495.806	893.306	312.6172	14.2643	0.338519	1.142637	467.4944	1060.038	0.244822	0.435756	440.8031	274.0544	4.781095	100	12.4
1495.958	893.458	312.6216	14.31705	0.342275	1.125731	468.5699	1051.619	0.248494	0.443106	425.5919	229.8033	3.994431	100	10
1496.111	893.611	312.626	14.33208	0.349727	1.075944	469.0957	1056.246	0.255758	0.458674	394.0833	144.1169	2.502449	100	5.4
1496.263	893.763	312.6304	14.37227	0.363362	0.964376	470.165	1054.583	0.269052	0.490253	332.1584	87.59395	1.516766	100	2.4
1496.415	893.915	312.6348	14.37449	0.372466	0.885056	469.7664	1055.286	0.277956	0.512022	289.8312	71.76435	1.242487	100	1.5
1496.568	894.068	312.6392	14.3482	0.364988	0.899638	466.1487	1063.772	0.270695	0.496669	321.0367	82.70563	1.43455	100	2.1
1496.72	894.22	312.6435	14.33674	0.3636	0.933936	461.7202	1080.128	0.269373	0.496425	323.2	83.60302	1.451289	100	2.2
1496.873	894.373	312.6479	14.28197	0.356329	1.037585	459.7182	1101.135	0.262325	0.48469	349.1203	96.75965	1.686118	100	3
1497.025	894.525	312.6523	14.22613	0.34752	1.156019	463.346	1113.205	0.253792	0.470081	381.0554	124.8164	2.183567	100	4.6
1497.177	894.677	312.6567	14.15901	0.342307	1.201334	470.5062	1132.526	0.248762	0.453609	410.7291	181.622	3.192396	100	7.6
1497.33	894.83	312.6611	14.11733	0.344262	1.199243	477.7737	1153.734	0.250688	0.456124	404.5994	165.6542	2.920339	100	6.8
1497.482	894.982	312.6655	14.0973	0.351847	1.180413	483.0812	1181.955	0.258084	0.466483	380.098	123.6407	2.182796	100	4.5
1497.635	895.135	312.6699	14.2022	0.366206	1.130657	486.295	1207.352	0.272089	0.48967	328.7729	86.02978	1.50763	100	2.4
1497.787	895.287	312.6743	14.14838	0.365807	1.235644	484.5724	1231.801	0.271729	0.476881	346.9182	95.41989	1.678552	100	2.9
1497.939	895.439	312.6786	14.24231	0.318469	1.842888	481.3081	1246.945	0.225838	0.396071	521.7663	461.772	8.069816	100	24
1498.092	895.592	312.683	14.34144	0.26517	2.935462	479.5056	1256.599	0.174711	0.336226	674.9064	686.9481	11.9224	100	44.1
1498.244	895.744	312.6874	14.35275	0.255503	3.100339	480.2064	1265.688	0.165533	0.35257	665.0186	675.3467	11.712	100	45.1
1498.397	895.897	312.6918	14.31509	0.302347	2.20177	482.6795	1283.778	0.210388	0.425588	502.3539	422.9177	7.353642	100	23.1
1498.549	896.049	312.6962	14.26711	0.362826	1.511425	484.8116	1304.943	0.268972	0.504744	312.2719	79.28958	1.383316	100	2.3
1498.701	896.201	312.7006	14.26391	0.377094	1.577533	485.6014	1311.926	0.282916	0.507485	289.247	71.58657	1.249221	100	1.8
1498.854	896.354	312.705	14.28038	0.380695	1.655339	485.2793	1318.255	0.286463	0.513492	276.0633	67.76217	1.18114	100	1.6
1499.006	896.506	312.7094	14.30749	0.387512	1.608161	484.1865	1322.556	0.293157	0.527331	247.7267	60.50179	1.052609	100	1.2
1499.159	896.659	312.7138	14.34205	0.374028	1.719406	483.6004	1333.63	0.280011	0.501037	302.1533	75.71155	1.314082	100	2.1
1499.311	896.811	312.7182	14.32359	0.356925	1.947673	484.1874	1343.275	0.263375	0.464339	375.7547	118.6461	2.061942	100	4.4
1499.463	896.963	312.7225	14.31171	0.359151	1.966093	485.7093	1351.327	0.265572	0.472603	361.3191	105.2755	1.831113	100	3.7
1499.616	897.116	312.7269	14.34419	0.355464	1.980905	486.7224	1353.044	0.262013	0.470058	369.7415	112.5401	1.953078	100	4.2
1499.768	897.268	312.7313	14.39778	0.343197	2.140976	486.6156	1351.096	0.250127	0.460379	399.5023	154.4049	2.669721	100	6.5
1499.921	897.421	312.7357	14.39627	0.322695	2.426884	484.7332	1347.534	0.230303	0.435291	461.481	329.0368	5.689841	100	16.5
1500.073	897.573	312.7401	14.40909	0.318252	2.582894	482.4116	1345.859	0.22604	0.429344	475.5697	363.4457	6.279367	100	18.6
1500.225	897.725	312.7445	14.41722	0.333337	2.243382	480.8765	1339.033	0.240657	0.449258	427.9172	236.7927	4.088897	100	11
1500.378	897.878	312.7489	14.41382	0.344912	1.923538	480.2842	1333.758	0.251909	0.457566	400.9251	157.3795	2.718277	100	6.5
1500.53	898.03	312.7533	14.36575	0.350102	1.741427	480.3033	1308.262	0.256978	0.459308	391.5264	139.7779	2.422336	100	5.5
1500.683	898.183	312.7577	14.31841	0.347901	1.711718	480.3221	1285.679	0.25487	0.451969	404.563	165.5677	2.878757	100	6.8
1500.835	898.335	312.762	14.25948	0.367518	1.446097	480.0461	1257.156	0.273986	0.493258	321.2038	82.77413	1.445156	100	2.4
1500.987	898.487	312.7664	14.21579	0.360341	1.497405	478.0963	1238.91	0.267024	0.477228	352.9321	99.20893	1.73742	100	3.3
1501.14	898.64	312.7708	14.23456	0.332944	1.758472	474.6997	1220.127	0.240453	0.420414	468.0044	345.258	6.038542	100	16.7
1501.292	898.792	312.7752	14.14418	0.302882	2.185792	469.8075	1211.446	0.211462	0.365544	583.7324	567.0718	9.981376	100	31.8
1501.445	898.945	312.7796	14.08925	0.295556	2.23255	465.7672	1199.61	0.204447	0.370297	586.8534	571.7569	10.10312	100	33.1
1501.597	899.097	312.784	14.00838	0.335681	1.52945	463.687	1196.492	0.243192	0.462712	405.8526	168.6862	2.99795	100	7.4
1501.749	899.249	312.7884	13.98349	0.355393	1.298066	463.9947	1178.73	0.262357	0.495169	334.6152	88.77649	1.58059	100	2.8
1501.902	899.402	312.7928	13.96662	0.357634	1.229391	465.6904	1180.563	0.264566	0.48585	344.425	93.96378	1.674985	100	3
1502.054	899.554	312.7972	13.93786	0.363615	1.149861	467.6047	1186.541	0.270419	0.495369	323.2127	83.60835	1.493481	100	2.4
1502.207	899.707	312.8016	13.90468	0.36294	1.112601	469.0149	1203.485	0.269791	0.492931	327.4435	85.43492	1.529766	100	2.5
1502.359	899.859	312.8059	13.93272	0.351384	1.253659	469.9215	1205.86	0.258577	0.473968	369.0883	111.9269	2.000118	100	4
1502.511	900.011	312.8103	14.01536	0.353806	1.319576	470.0449	1206.742	0.260961	0.478248	359.8917	104.1694	1.850557	100	3.6
1502.664	900.164	312.8147	14.02655	0.371916	1.221919	469.3266	1200.597	0.278628	0.509615	292.2248	72.50101	1.286962	100	1.8
1502.816	900.316	312.8191	14.07522	0.374762	1.160192	467.3307	1191.714	0.281435	0.505348	294.2396	73.13168	1.293693	100	1.7
1502.969	900.469	312.8235	14.00155	0.359211	1.287112	464.6712	1173.623	0.266307	0.468321	366.2141	109.3333	1.94428	100	3.8

1503.121	900.621	312.8279	14.0685	0.34261	1.473129	462.4712	1161.381	0.250204	0.439486	428.2281	237.7209	4.207376	100	10.7
1503.273	900.773	312.8323	13.99216	0.33279	1.650622	461.4289	1153.44	0.240716	0.426101	459.7934	324.7562	5.779175	100	15.9
1503.426	900.926	312.8367	13.90167	0.332996	1.617275	460.719	1151.233	0.240944	0.430086	453.9786	309.7342	5.547756	100	15.2
1503.578	901.078	312.841	13.8979	0.345021	1.436021	459.7898	1147.482	0.252632	0.455915	402.2056	160.1632	2.869553	100	6.7
1503.731	901.231	312.8455	14.01557	0.353489	1.304844	458.927	1139.223	0.260888	0.470787	370.2888	113.061	2.008691	100	4
1503.883	901.383	312.8498	13.9892	0.33633	1.430867	459.5479	1121.858	0.244262	0.428385	451.7474	303.8551	5.408652	100	14.5
1504.035	901.535	312.8542	14.11487	0.327035	1.497376	458.7776	1113.834	0.235293	0.402673	499.6068	417.1465	7.359356	100	21
1504.188	901.688	312.8586	14.18425	0.329552	1.429546	456.7294	1111.998	0.237758	0.407434	489.6356	395.5883	6.945061	100	19.6
1504.34	901.84	312.863	14.15856	0.321255	1.481971	454.5952	1116.162	0.229765	0.399146	512.103	442.8406	7.788805	100	22.8
1504.493	901.993	312.8674	14.12194	0.301565	1.686759	455.9257	1114.058	0.210813	0.371358	576.6044	556.1772	9.807632	100	31.2
1504.645	902.145	312.8718	14.1632	0.303573	1.653159	460.5518	1113.542	0.212774	0.39476	541.6031	498.3057	8.761702	100	27.5
1504.797	902.297	312.8762	14.19968	0.333911	1.323671	467.8438	1124.07	0.242095	0.455237	417.6821	203.7074	3.572652	100	9.1
1504.95	902.45	312.8806	14.20174	0.370471	1.08918	477.6668	1147.394	0.277659	0.517103	283.2287	69.79803	1.223967	100	1.6
1505.102	902.602	312.8849	14.19208	0.376202	1.098751	490.1345	1173.576	0.283281	0.514029	279.7122	68.78695	1.207071	100	1.5
1505.255	902.755	312.8893	14.23669	0.365591	1.26033	503.2837	1205.579	0.272961	0.482185	337.8981	90.42477	1.581834	100	2.7
1505.407	902.907	312.8937	14.26674	0.379871	1.197934	509.5874	1240.699	0.286923	0.496729	298.5605	74.51903	1.300868	100	1.7
1505.559	903.059	312.8981	14.29465	0.386124	1.245048	506.5927	1263.638	0.293065	0.491745	296.9628	74.00029	1.289315	100	1.7
1505.712	903.212	312.9025	14.33499	0.415184	1.018836	497.2836	1275.325	0.321584	0.547309	180.9278	46.7621	0.812467	100	0.2
1505.864	903.364	312.9069	14.3757	0.395023	1.146786	487.0623	1290.322	0.301833	0.506923	263.916	64.51054	1.117688	100	1.1
1506.017	903.517	312.9113	14.4535	0.38986	1.161514	481.0672	1297.365	0.296808	0.51039	266.0665	65.06957	1.121344	100	1.2
1506.169	903.669	312.9157	14.53151	0.358411	1.468626	477.1423	1295.794	0.266146	0.463099	373.6423	116.4016	1.995256	100	4
1506.321	903.821	312.92	14.57416	0.347883	1.571224	476.0003	1282.941	0.25594	0.459087	393.2621	142.6898	2.438774	100	5.5
1506.474	903.974	312.9245	14.5721	0.331818	1.815793	476.4277	1268.799	0.240392	0.432561	451.326	302.7374	5.175012	100	14.2
1506.626	904.126	312.9288	14.61209	0.345214	1.634904	479.0789	1260.623	0.253408	0.457885	398.4164	152.2149	2.594919	100	6
1506.779	904.279	312.9332	14.67145	0.36202	1.475943	482.2214	1258.075	0.269777	0.49425	325.643	84.64557	1.437228	100	2.4
1506.931	904.431	312.9376	14.75394	0.372441	1.394329	485.2995	1262.118	0.279963	0.518017	278.7879	68.52507	1.15706	100	1.5
1507.083	904.583	312.942	14.78372	0.3758	1.407679	486.6484	1278.458	0.28327	0.528956	259.1283	63.28944	1.06653	100	1.3
1507.236	904.736	312.9464	14.8331	0.37542	1.517394	487.0543	1296.242	0.282929	0.527514	261.5882	63.91288	1.073488	100	1.3
1507.388	904.888	312.9508	14.8805	0.384883	1.518379	486.8487	1315.398	0.292204	0.542507	228.0996	56.0477	0.938417	100	0.9
1507.541	905.041	312.9552	15.00485	0.391727	1.521084	486.4225	1325.747	0.298929	0.547518	211.9034	52.65352	0.874347	100	0.7
1507.693	905.193	312.9596	15.08883	0.386115	1.597952	486.3309	1338.101	0.293467	0.528639	245.494	59.97424	0.990428	100	1.1
1507.845	905.345	312.9639	15.12783	0.378139	1.732921	486.4664	1343.281	0.285701	0.507805	284.9612	70.3051	1.158081	100	1.6
1507.998	905.498	312.9683	15.13579	0.35983	2.030875	487.2164	1346.204	0.267879	0.467154	365.6538	108.8468	1.792035	100	3.7
1508.15	905.65	312.9727	15.09281	0.358304	2.061021	488.3595	1350.732	0.266424	0.460612	376.6907	119.6779	1.975944	100	4.2
1508.303	905.803	312.9771	15.148	0.381262	1.650889	490.5591	1345.009	0.28884	0.505633	283.6274	69.91418	1.150165	100	1.6
1508.455	905.955	312.9815	15.22915	0.381206	1.574166	493.0289	1342.385	0.288815	0.497066	295.4856	73.52676	1.203224	100	1.7
1508.607	906.107	312.9859	15.31411	0.389857	1.439271	494.9337	1339.846	0.297304	0.511303	264.1226	64.56395	1.050761	100	1.1
1508.76	906.26	312.9903	15.41521	0.380301	1.488215	495.0509	1342.86	0.287989	0.490079	306.2652	77.124	1.247041	100	1.7
1508.912	906.412	312.9947	15.45914	0.376782	1.491535	493.4942	1347.238	0.284581	0.487041	315.1608	80.37931	1.296039	100	1.9
1509.065	906.565	312.9991	15.46109	0.364487	1.596788	490.841	1355.197	0.27262	0.462286	365.83	108.9992	1.75731	100	3.3
1509.217	906.717	313.0034	15.62952	0.362963	1.650359	488.805	1372.478	0.271164	0.462229	367.9177	110.8503	1.768139	100	3.4
1509.369	906.869	313.0078	15.53742	0.375584	1.469805	488.2226	1383.138	0.2835	0.493099	308.2943	77.84129	1.24891	100	1.8
1509.522	907.022	313.0122	15.44374	0.386252	1.376716	489.0823	1396.107	0.293953	0.516086	262.1458	64.05533	1.033901	100	1.1
1509.674	907.174	313.0166	15.4264	0.399494	1.247262	490.5541	1410.692	0.306948	0.543589	206.2591	51.52406	0.832572	100	0.4
1509.827	907.327	313.021	15.4074	0.379601	1.536891	492.2407	1430.278	0.287511	0.501068	291.7614	72.35734	1.170656	100	1.6
1509.979	907.479	313.0254	15.38552	0.38933	1.488736	492.8708	1445.571	0.297052	0.526193	243.9222	59.60624	0.965727	100	0.9
1510.131	907.631	313.0298	15.36551	0.360632	1.791011	493.2214	1464.65	0.26907	0.464409	367.7991	110.7429	1.796567	100	3.6
1510.284	907.784	313.0342	15.34706	0.37432	1.605983	493.1267	1469.417	0.282442	0.493139	309.6984	78.34594	1.272524	100	1.9
1510.436	907.936	313.0386	15.33127	0.375173	1.575691	492.817	1484.828	0.283304	0.4926	309.2523	78.18487	1.271218	100	1.9
1510.589	908.089	313.043	15.29453	0.388371	1.521021	493.2812	1490.497	0.296231	0.521299	251.8093	61.48151	1.002026	100	1.1
1510.741	908.241	313.0473	15.26226	0.36846	1.784322	493.5213	1494.312	0.276814	0.477171	339.5011	91.26007	1.49049	100	2.6
1510.893	908.393	313.0517	15.22871	0.377973	1.674383	493.537	1489.365	0.286126	0.497341	298.815	74.60228	1.221103	100	1.8
1511.046	908.546	313.0561	15.21718	0.367336	1.680099	492.9356	1485.762	0.275776	0.473663	345.7734	94.74353	1.551963	100	2.8
1511.198	908.698	313.0605	15.26864	0.365518	1.669235	491.6122	1480.515	0.274034	0.474856	346.5328	95.19068	1.554101	100	2.8
1511.351	908.851	313.0649	15.26471	0.363477	1.648805	490.2941	1478.135	0.272075	0.475843	347.8725	95.99407	1.567636	100	2.9
1511.503	909.003	313.0693	15.26066	0.356634	1.715954	489.3125	1473.099	0.265443	0.464382	372.8427	115.5811	1.888023	100	3.9
1511.655	909.155	313.0737	15.37134	0.36939	1.565943	488.8308	1463.758	0.277897	0.493661	315.2507	80.41374	1.304214	100	2
1511.808	909.308	313.0781	15.49307	0.370347	1.609518	488.5118	1460.906	0.278859	0.494902	312.2095	79.26642	1.275628	100	2
1511.96	909.46	313.0824	15.49656	0.379299	1.596693	487.8581	1451.03	0.287625	0.512805	275.4063	67.58016	1.087334	100	1.4
1512.113	909.613	313.0869	15.51727	0.35016	2.02589	487.0354	1439.658	0.259266	0.44806	403.8903	163.9872	2.635029	100	6.2
1512.265	909.765	313.0912	15.51445	0.3495	2.021974	485.7151	1434.725	0.258654	0.451343	400.2035	155.8557	2.504848	100	5.9
1512.417	909.917	313.0956	15.53379	0.35067	2.005655	484.6222	1435.817	0.25982	0.458736	388.3926	134.857	2.164725	100	4.9
1512.57	910.07	313.1	15.50316	0.361142	1.828326	484.0851	1441.318	0.270036	0.490472	330.4995	86.81842	1.39635	100	2.5
1512.722	910.222	313.1044	15.4639	0.363331	1.80522	483.9381	1451.507	0.272196	0.497994	317.1377	81.1448	1.308391	100	2.2
1512.875	910.375	313.1088	15.38729	0.365201	1.777069	483.957	1452.513	0.274047	0.50238	308.5314	77.92602	1.262695	100	2.1
1513.027	910.527	313.1132	15.30166	0.368467	1.785981	483.9759	1450.988	0.277259	0.502698	303.6588	76.22254	1.24195	100	2
1513.179	910.679	313.1176	15.22489	0.360223	1.984576	483.9948	1444.938	0.269257	0.483983	340.5281	91.80636	1.503358	100	2.8
1513.332	910.832	313.122	15.2256	0.365323	1.858194	484.0136	1440.047	0.274254	0.495443	317.819	81.41254	1.333111	100	2.3
1513.484	910.984	313.1263	15.35622	0.363708	1.821121	484.0326	1437.354	0.27271	0.492797	323.601	83.77199	1.360208	100	2.4
1513.637	911.137	313.1307	15.38771	0.373713	1.666481	483.824	1437.107	0.282494	0.513886	280.9959	69.15328	1.120583	100	1.5
1513.789	911.289	313.1351	15.36539	0.367832	1.75802	483.1673	1433.117	0.276787	0.502906	304.0238	76.34748	1.238955	100	2
1513.941	911.441	313.1395	15.30407	0.383886	1.600503	481.8439	1425.629	0.292489	0.537945	234.0014	57.34514	0.934291	100	1
1514.094	911.594	313.1439	15.27707	0.383715	1.546535	480.3609	1407.706	0.29235	0.536617	236.0253	57.79806	0.94333	100	1
1514.246	911.746	313.1483	15.23407	0.37774	1.587635	479.3754	1398.506	0.286542	0.52264	263.329	64.35909	1.053363	100	1.3
1514.399	911.899	313.1527	15.14443	0.35459	1.79967	478.6725	1389.103	0.264011	0.472787	363.2192	106.8003	1.758273	100	3.6
1514.551	912.051	313.1571	15.13905	0.363762	1.708081	478.6974	1381.095	0.272967	0.493035	322.9172	83.48438	1.37492	100	2.3
1514.703	912.203	313.1614	15.14171	0.362494	1.612251	479.3306	1368.82	0.271761	0.488162	331.306	87.19321	1.435769	100	2.5
1514.856	912.356	313.1659	15.27387	0.366678	1.507315	479.9085	1357.905	0.275867	0.497146	313.2422	79.65188	1.30036	100	2
1515.008	912.508	313.1702	15.40776	0.356668	1.571042	480.6522	1352.688	0.266149	0.475173	356.9752	102.0073	1.651017	100	3.1
1515.161	912.661	313.1746	15.51247	0.36762	1.548552	481.1196	1353.802	0.276843	0.500327	307.5046	77.56045	1.246971	100	1.9

1515.313	912.813	313.179	15.55449	0.357584	1.737626	481.6943	1363.678	0.267098	0.477457	352.5137	98.93153	1.586334	100	3
1515.465	912.965	313.1834	15.59761	0.367989	1.615385	482.048	1371.459	0.277261	0.501608	305.1611	76.73946	1.227144	100	1.9
1515.618	913.118	313.1878	15.62159	0.363999	1.675428	482.4016	1374.025	0.273403	0.495252	319.2568	81.9844	1.309044	100	2.2
1515.77	913.27	313.1922	15.64217	0.374569	1.503256	482.866	1370.838	0.283738	0.51938	271.697	66.56633	1.061495	100	1.3
1515.923	913.423	313.1966	15.76927	0.369496	1.598594	483.109	1374.666	0.278819	0.509793	291.7149	72.34295	1.144444	100	1.6
1516.075	913.575	313.201	15.80714	0.353585	1.681538	483.2353	1378.777	0.263355	0.475155	360.8562	104.9132	1.655792	100	3.2
1516.227	913.727	313.2053	15.86587	0.34856	1.716774	483.1436	1376.768	0.258501	0.464319	382.5084	126.656	1.991671	100	4.3
1516.38	913.88	313.2097	15.96861	0.35423	1.622434	482.9351	1370.747	0.264041	0.472339	363.7963	107.2757	1.676233	100	3.3
1516.532	914.032	313.2141	16.00264	0.360639	1.537504	482.3951	1357.61	0.270306	0.483082	340.3248	91.69752	1.429831	100	2.5
1516.685	914.185	313.2185	16.00787	0.350674	1.61254	481.8549	1351.079	0.260642	0.458775	387.204	133.0964	2.074718	100	4.5
1516.837	914.337	313.2229	16.00956	0.352236	1.552767	481.3178	1360.553	0.26219	0.459301	384.343	129.0789	2.011908	100	4.2
1516.989	914.489	313.2273	15.92459	0.360209	1.454326	480.8944	1377.438	0.269974	0.475624	351.0739	97.99346	1.535442	100	2.7
1517.142	914.642	313.2317	15.85837	0.366496	1.442829	481.1344	1373.304	0.276127	0.492041	319.9277	82.25451	1.294155	100	2
1517.294	914.794	313.2361	15.82138	0.360969	1.536069	481.1625	1368.529	0.270773	0.485831	335.8865	89.40518	1.409922	100	2.4
1517.447	914.947	313.2405	15.78618	0.347571	1.718519	482.2471	1363.292	0.257774	0.461464	387.4523	133.4596	2.109318	100	4.6
1517.599	915.099	313.2449	15.75039	0.345663	1.704638	483.8231	1366.768	0.255951	0.456705	396.5347	148.5766	2.353538	100	5.4
1517.751	915.251	313.2492	15.65412	0.351221	1.626694	484.6682	1363.596	0.261378	0.46966	371.1678	113.9115	1.815405	100	3.7
1517.904	915.404	313.2536	15.68954	0.354099	1.607812	484.0052	1352.93	0.264205	0.474621	360.4192	104.5743	1.662902	100	3.2
1518.056	915.556	313.258	15.73387	0.358257	1.514519	482.0185	1345.055	0.268279	0.480346	346.8974	95.40746	1.512931	100	2.7
1518.209	915.709	313.2624	15.76913	0.35452	1.550853	480.3634	1339.834	0.264673	0.470613	365.3053	108.5472	1.717517	100	3.4
1518.361	915.861	313.2668	15.89359	0.357663	1.476643	479.1629	1341.998	0.26776	0.482447	344.7153	94.13018	1.477909	100	2.6
1518.513	916.013	313.2712	15.94755	0.342884	1.680089	478.9544	1344.355	0.253428	0.460196	395.1983	146.1075	2.286363	100	5.2
1518.666	916.166	313.2756	15.97407	0.352527	1.546591	478.4666	1345.391	0.262823	0.484017	349.3618	96.90981	1.51403	100	2.8
1518.818	916.318	313.28	15.89012	0.35915	1.487657	477.1248	1342.528	0.269294	0.494292	326.2512	84.91015	1.333484	100	2.2
1518.971	916.471	313.2844	15.89224	0.378247	1.273998	473.6329	1343.764	0.287942	0.527346	254.9019	62.23712	0.977296	100	1
1519.123	916.623	313.2887	15.83734	0.372905	1.32412	470.8782	1343.646	0.282757	0.514883	279.2572	68.65785	1.081819	100	1.3
1519.275	916.775	313.2931	15.74819	0.368479	1.409499	470.2982	1340.841	0.278469	0.509701	292.3253	72.53222	1.149266	100	1.6
1519.428	916.928	313.2975	15.68611	0.363815	1.464783	471.6745	1338.318	0.273953	0.50295	307.8737	77.69145	1.23584	100	1.9
1519.58	917.08	313.3019	15.74621	0.371993	1.387998	475.1981	1338.72	0.281955	0.521911	270.6659	66.28852	1.050491	100	1.3
1519.733	917.233	313.3063	15.74875	0.356397	1.494396	477.2255	1342.111	0.26679	0.488961	337.0633	89.9979	1.426011	100	2.5
1519.885	917.385	313.3107	15.59083	0.350711	1.551776	478.8568	1341.701	0.261291	0.477598	360.3335	104.5083	1.672516	100	3.3
1520.037	917.537	313.3151	15.52064	0.32071	1.986314	479.5483	1340.641	0.232254	0.410124	493.5195	404.1016	6.496104	100	19
1520.19	917.69	313.3195	15.51467	0.323282	1.943897	480.8019	1342.043	0.234767	0.417082	480.448	374.8329	6.027966	100	17.4
1520.342	917.842	313.3238	15.42599	0.344855	1.623227	482.4978	1347.306	0.255691	0.467183	382.4336	126.5596	2.046899	100	4.5
1520.495	917.995	313.3283	15.37391	0.354144	1.469367	484.7466	1351.841	0.264745	0.486984	342.614	92.94398	1.508279	100	2.7
1520.647	918.147	313.3326	15.36077	0.349809	1.492226	486.2027	1360.627	0.26056	0.471688	369.4976	112.3101	1.824115	100	3.7
1520.799	918.299	313.337	15.33084	0.355706	1.449789	485.9882	1374.143	0.266322	0.476916	354.3311	100.1526	1.62982	100	3
1520.952	918.452	313.3414	15.41523	0.348631	1.634789	484.7755	1379.705	0.259475	0.462477	383.7072	128.2262	2.075389	100	4.5
1521.104	918.604	313.3458	15.39833	0.365853	1.431876	482.9023	1389.838	0.276259	0.507915	297.8403	74.28434	1.203641	100	1.7
1521.257	918.757	313.3502	15.31748	0.362729	1.418512	482.0336	1385.96	0.273245	0.506795	303.5454	76.18379	1.240884	100	1.9
1521.409	918.909	313.3546	15.31966	0.354279	1.471335	481.6622	1383.385	0.26505	0.485388	344.3945	93.94635	1.530005	100	2.8
1521.561	919.061	313.359	15.30315	0.336509	1.692882	481.5675	1383.327	0.24783	0.440346	430.3173	243.9198	3.976759	100	10.4
1521.714	919.214	313.3634	15.21005	0.356101	1.473902	481.19	1386.265	0.266881	0.483926	343.8866	93.65741	1.536227	100	2.8
1521.866	919.366	313.3677	15.13757	0.355386	1.434109	480.0848	1391.06	0.266215	0.484049	344.6351	94.08415	1.550571	100	2.8
1522.019	919.519	313.3721	15.22496	0.360845	1.371331	478.3159	1380.783	0.271556	0.495941	320.8544	82.63107	1.354085	100	2.2
1522.171	919.671	313.3765	15.23745	0.354386	1.41458	476.1018	1378.007	0.2653	0.479083	352.7508	99.08844	1.622475	100	3
1522.323	919.823	313.3809	15.3228	0.341142	1.549446	474.2288	1377.313	0.252467	0.449581	411.1735	182.8977	2.978279	100	7.2
1522.476	919.976	313.3853	15.30807	0.342273	1.529541	473.1295	1376.032	0.253593	0.455419	401.5636	158.7547	2.587635	100	6.1
1522.628	920.128	313.3897	15.35476	0.343171	1.519457	472.1466	1355.492	0.254494	0.459671	394.4526	144.7693	2.352603	100	5.3
1522.781	920.281	313.3941	15.37849	0.364434	1.268362	471.6069	1337.369	0.275197	0.505391	302.7886	75.92632	1.231986	100	1.8
1522.933	920.433	313.3985	15.42285	0.363087	1.24836	471.0176	1327.936	0.273913	0.500422	311.4167	78.97327	1.277794	100	1.9
1523.085	920.585	313.4028	15.50502	0.367332	1.181303	470.9322	1325.403	0.278079	0.508306	294.788	73.30509	1.179877	100	1.5
1523.238	920.738	313.4073	15.50198	0.346154	1.315575	471.5713	1327.731	0.257505	0.462147	386.8793	132.6251	2.135099	100	4.6
1523.39	920.89	313.4116	15.48099	0.33569	1.404468	473.2733	1331.263	0.247386	0.43977	431.7244	248.0579	3.99883	100	10.4
1523.543	921.043	313.416	15.46456	0.324361	1.52023	475.7339	1327.417	0.236451	0.417689	477.2872	367.4847	5.930357	100	16.8
1523.695	921.195	313.4204	15.39015	0.348227	1.254923	476.5728	1319.887	0.259606	0.476256	364.511	107.8727	1.749168	100	3.4
1523.847	921.347	313.4248	15.37128	0.371321	1.086347	474.8962	1313.595	0.282114	0.52715	263.2161	64.33002	1.044399	100	1.1
1524	921.5	313.4292	15.38302	0.377494	1.034192	470.9006	1318.128	0.288167	0.541087	235.6289	57.70903	0.936211	100	0.7
1524.152	921.652	313.4336	15.35371	0.369417	1.137224	467.8604	1313.732	0.280315	0.524412	269.4758	65.96998	1.072264	100	1.2
1524.305	921.805	313.438	15.23044	0.355752	1.281066	466.3956	1312.191	0.267036	0.495154	328.1788	85.76264	1.405164	100	2.3
1524.457	921.957	313.4424	15.19263	0.338824	1.372928	467.7043	1310.04	0.250626	0.454017	407.5925	173.0869	2.842946	100	6.8
1524.609	922.109	313.4467	15.24776	0.3337	1.446219	469.5026	1316.509	0.245691	0.443158	429.3889	241.1735	3.94712	100	10.3
1524.762	922.262	313.4511	15.23618	0.33745	1.352783	470.5739	1323.107	0.249353	0.457487	404.5614	165.5637	2.711742	100	6.5
1524.914	922.414	313.4555	15.18342	0.331151	1.458589	470.5867	1330.288	0.243281	0.448248	425.6904	230.1012	3.781817	100	9.9
1525.067	922.567	313.4599	15.19501	0.350892	1.251846	469.8776	1340.717	0.262457	0.488914	343.1087	93.21954	1.530966	100	2.7
1525.219	922.719	313.4643	15.27812	0.370292	1.135603	468.8458	1347.938	0.281372	0.524542	267.8387	65.53541	1.070514	100	1.2
1525.371	922.871	313.4687	15.36079	0.378078	1.062759	469.387	1359.864	0.289	0.541158	234.3822	57.43006	0.933125	100	0.7
1525.524	923.024	313.4731	15.28815	0.359541	1.200821	472.3758	1355.29	0.270955	0.503825	310.8036	78.74818	1.285539	100	1.9
1525.676	923.176	313.4775	15.29745	0.343547	1.314185	476.403	1348.446	0.25544	0.46753	382.301	126.3892	2.062047	100	4.4
1525.829	923.329	313.4819	15.29962	0.346207	1.342398	478.8391	1328.452	0.258051	0.471606	373.074	115.8168	1.889316	100	3.9
1525.981	923.481	313.4863	15.30179	0.343355	1.336357	476.4282	1309.869	0.255312	0.466889	383.3619	127.769	2.084024	100	4.5
1526.133	923.633	313.4906	15.31794	0.34863	1.296846	470.4608	1297.252	0.260462	0.484894	351.4086	98.20927	1.600227	100	3
1526.286	923.786	313.495	15.2377	0.341534	1.31009	463.7501	1288.217	0.253603	0.477462	371.1295	113.8741	1.865173	100	3.9
1526.438	923.938	313.4994	15.25875	0.335462	1.366362	459.8345	1288.055	0.247746	0.466788	393.9428	143.8705	2.3533	100	5.4
1526.591	924.091	313.5038	15.26091	0.335301	1.405839	459.5905	1271.05	0.247619	0.463189	399.0857	153.5566	2.511416	100	5.9
1526.743	924.243	313.5082	15.26308	0.350823	1.287197	461.2941	1249.919	0.262709	0.484862	348.3527	96.28671	1.574565	100	2.9
1526.895	924.395	313.5126	15.26524	0.354009	1.312158	464.0495	1224.964	0.265835	0.482238	347.66	95.86536	1.567475	100	2.8
1527.048	924.548	313.517	15.28014	0.357013	1.264233	467.1522	1232.351	0.268786	0.48426	340.7968	91.95076	1.502034	100	2.6
1527.2	924.7	313.5214	15.27774	0.36981	1.189689	472.0393	1241.661	0.281279	0.51135	286.172	70.66316	1.154491	100	1.5
1527.353	924.853	313.5258	15.19766	0.378185	1.200216	477.9337	1279.329	0.289482	0.528198	251.6016	61.43119	1.008913	100	1

1527.505	925.005	313.5301	15.1963	0.414609	0.993189	485.4714	1288.094	0.325195	0.597181	107.1215	35.29694	0.579757	78.8	0
1527.657	925.157	313.5345	15.11666	0.413858	1.05677	490.4475	1292.199	0.324486	0.594887	111.2653	35.85812	0.592059	82.1	0
1527.81	925.31	313.5389	15.1188	0.423114	0.997917	493.7497	1285.544	0.333616	0.615469	70.26353	30.67714	0.50645	67.4	0
1527.962	925.462	313.5433	15.14985	0.394321	1.26879	495.8143	1292.673	0.305379	0.562967	181.6832	46.89725	0.772664	100	0.3
1528.115	925.615	313.5477	15.17477	0.380307	1.457865	495.1849	1298.656	0.2917	0.530039	246.0006	60.09345	0.988481	100	1.1
1528.267	925.767	313.5521	15.17692	0.364221	1.746848	490.5781	1302.183	0.276035	0.492417	319.5367	82.09681	1.350243	100	2.3
1528.419	925.919	313.5565	15.17906	0.353231	2.044817	479.7485	1307.884	0.265369	0.471314	363.3777	106.9303	1.758454	100	3.7
1528.572	926.072	313.5609	15.18635	0.33674	2.503354	474.765	1304.398	0.249391	0.444168	422.8886	221.5716	3.642026	100	9.7
1528.724	926.224	313.5653	15.17263	0.331978	2.748166	472.4086	1320.202	0.244807	0.434872	442.0426	277.5121	4.565679	100	12.7
1528.877	926.377	313.5697	15.19306	0.341949	2.47575	472.8727	1337.002	0.254499	0.455191	400.6277	156.7477	2.575435	100	6.4
1529.029	926.529	313.574	15.18854	0.339541	2.596078	473.2263	1355.372	0.252193	0.44989	411.1248	182.757	3.003703	100	7.7
1529.181	926.681	313.5784	15.1886	0.359284	2.245087	473.7488	1361.072	0.271402	0.49457	322.9589	83.50184	1.372407	100	2.6
1529.334	926.834	313.5828	15.18878	0.345914	2.54933	474.4464	1358.609	0.258434	0.465539	380.9166	124.6441	2.048609	100	4.8
1529.486	926.986	313.5872	15.27839	0.34657	2.459791	476.2467	1355.763	0.2591	0.466555	378.5958	121.8523	1.991105	100	4.6
1529.639	927.139	313.5916	15.29579	0.341849	2.509568	477.1562	1357.978	0.254548	0.457415	397.4909	150.4012	2.454864	100	6.1
1529.791	927.291	313.596	15.30195	0.362961	2.034788	477.7863	1366.683	0.275098	0.500328	309.9121	78.42339	1.27954	100	2.2
1529.943	927.443	313.6004	15.27869	0.372351	1.937267	478.1429	1374.964	0.28428	0.5163	275.1993	67.52297	1.103366	100	1.6
1530.096	927.596	313.6048	15.25974	0.353705	2.351465	478.8344	1389.633	0.266149	0.476432	355.2385	100.7783	1.648826	100	3.5
1530.248	927.748	313.6091	15.2309	0.341132	2.696344	479.575	1392.876	0.253968	0.448297	410.874	182.0361	2.983904	100	7.7
1530.401	927.901	313.6135	15.27879	0.347165	2.537043	480.0974	1402.366	0.259852	0.458705	388.3913	134.8551	2.203683	100	5.2
1530.553	928.053	313.6179	15.3266	0.362222	2.218555	480.7343	1404.935	0.274523	0.486788	329.3908	86.30991	1.406059	100	2.6
1530.705	928.205	313.6223	15.37585	0.372245	2.084069	481.6524	1410.78	0.284322	0.506289	288.9568	71.49854	1.161089	100	1.8
1530.858	928.358	313.6267	15.35634	0.392584	1.705445	483.1239	1412.017	0.304229	0.548982	202.5691	50.79974	0.826002	100	0.7
1531.01	928.51	313.6311	15.35851	0.389444	1.705493	484.9887	1419.612	0.301185	0.542236	216.0793	53.50639	0.869901	100	0.8
1531.163	928.663	313.6355	15.40576	0.378354	1.784905	487.2436	1429.285	0.290372	0.517776	264.7551	64.72785	1.049156	100	1.4
1531.315	928.815	313.6399	15.47216	0.358017	2.081364	489.9498	1427.731	0.270575	0.468621	359.9102	104.1835	1.681529	100	3.4
1531.467	928.967	313.6442	15.54206	0.363178	2.000393	493.1445	1419.446	0.275629	0.476226	342.4408	92.84805	1.491924	100	2.8
1531.62	929.12	313.6487	15.61282	0.366798	1.918529	495.5006	1413.857	0.279184	0.479472	333.0551	88.02075	1.408035	100	2.5
1531.772	929.272	313.653	15.67938	0.384643	1.646269	496.9078	1414.711	0.296633	0.514991	259.9586	63.49895	1.011519	100	1.2
1531.925	929.425	313.6574	15.74818	0.389313	1.542545	497.3687	1445.676	0.30123	0.518189	249.2014	60.8534	0.965204	100	1
1532.077	929.577	313.6618	15.81512	0.385156	1.584244	497.1572	1438.825	0.297193	0.503509	275.0318	67.47674	1.065798	100	1.3
1532.229	929.729	313.6662	15.88327	0.371473	1.83976	496.2147	1408.512	0.283859	0.46867	341.51	92.33708	1.452309	100	2.5
1532.382	929.882	313.6706	15.95413	0.361016	2.305704	493.8869	1375.432	0.273697	0.440471	394.4479	144.761	2.266901	100	5.1
1532.534	930.034	313.675	16.02554	0.355222	3.107624	491.681	1367.521	0.268087	0.424975	423.5736	223.6685	3.487214	100	8.9
1532.687	930.187	313.6794	16.08013	0.352134	3.313526	490.4446	1375.749	0.265114	0.417543	437.9329	265.9648	4.132832	100	10.9
1532.839	930.339	313.6838	16.14864	0.3671	2.246962	492.4259	1384.01	0.27971	0.458223	361.6529	105.539	1.633137	100	3.2
1532.991	930.491	313.6881	16.20676	0.384736	1.477856	495.6238	1384.62	0.296956	0.499282	281.1917	69.20944	1.067196	100	1.3
1533.144	930.644	313.6925	16.26348	0.38423	1.484969	498.2502	1368.697	0.29649	0.495357	287.2513	70.98492	1.090829	100	1.3
1533.296	930.796	313.6969	16.31523	0.387128	1.50649	498.9846	1362.357	0.299353	0.501249	275.1702	67.51494	1.03428	100	1.2
1533.449	930.949	313.7013	16.36802	0.378976	1.611373	498.1097	1363.158	0.291414	0.479023	316.7979	81.01205	1.237124	100	1.8
1533.601	931.101	313.7057	16.42818	0.378206	1.569702	497.4127	1362.788	0.290691	0.475365	322.8438	83.45364	1.269836	100	1.9
1533.753	931.253	313.7101	16.50257	0.382428	1.435069	497.7787	1373.422	0.294845	0.481936	308.0436	77.75189	1.177851	100	1.6
1533.906	931.406	313.7145	16.57427	0.407825	1.227196	499.7631	1372.685	0.31975	0.538483	195.6394	49.46853	0.746216	100	0.2
1534.058	931.558	313.7189	16.69175	0.42009	1.142417	503.139	1379.894	0.331829	0.564866	142.5608	40.39648	0.605165	86.6	0
1534.211	931.711	313.7233	16.76763	0.422396	1.12992	507.1138	1386.745	0.334127	0.570333	131.8458	38.78097	0.578392	82.1	0
1534.363	931.863	313.7277	16.84357	0.432767	1.066276	510.4651	1378.228	0.344368	0.595921	82.40159	32.12743	0.477047	64.7	0
1534.515	932.015	313.732	16.92307	0.439985	1.035508	511.2306	1373.836	0.351513	0.611162	51.50795	28.56396	0.422187	55.8	0
1534.668	932.168	313.7364	17.00143	0.432069	1.114912	507.8305	1377.222	0.343738	0.59427	85.54924	32.51461	0.478417	66.1	0
1534.82	932.32	313.7408	17.01323	0.435364	1.1033	503.2821	1382.1	0.347015	0.599128	74.32294	31.15472	0.458102	62.6	0
1534.973	932.473	313.7452	17.11861	0.41663	1.258572	499.7105	1388.087	0.328601	0.559617	154.2597	42.23811	0.61734	92.8	0
1535.125	932.625	313.7496	17.23543	0.417514	1.267539	500.9731	1387.407	0.329499	0.561254	150.7611	41.67864	0.605133	91.1	0
1535.277	932.777	313.754	17.33852	0.39407	1.468418	504.2875	1392.277	0.306524	0.507783	256.2573	62.57208	0.90322	100	0.8
1535.43	932.93	313.7584	17.44873	0.405155	1.336964	507.5866	1397.102	0.317419	0.531105	209.0378	52.07681	0.747097	100	0.3
1535.582	933.082	313.7628	17.5417	0.401546	1.281306	509.1565	1414.718	0.313908	0.521083	227.7128	55.96385	0.798721	100	0.4
1535.735	933.235	313.7672	17.56697	0.397608	1.304296	509.0554	1408.417	0.310076	0.509273	249.2988	60.87672	0.86763	100	0.6
1535.887	933.387	313.7715	17.58967	0.385976	1.554784	508.0606	1414.11	0.298717	0.477592	308.6936	77.98408	1.110063	100	1.4
1536.039	933.539	313.7759	17.6117	0.387823	1.721008	505.9571	1413.457	0.300553	0.477948	305.6686	76.91573	1.093534	100	1.4
1536.192	933.692	313.7803	17.71364	0.404672	1.393091	503.9778	1422.894	0.317089	0.515365	231.2135	56.72799	0.802008	100	0.5
1536.344	933.844	313.7847	17.79221	0.420848	1.199867	503.3502	1422.332	0.333009	0.552469	158.0412	42.8514	0.603227	88.9	0
1536.497	933.997	313.7891	17.81413	0.437449	1.1421	505.448	1420.485	0.349388	0.590721	82.64944	32.15775	0.452154	62.8	0
1536.649	934.149	313.7935	17.81944	0.44908	1.067364	509.0329	1413.963	0.360898	0.614829	33.49798	26.67199	0.374917	49.5	0
1536.801	934.301	313.7979	17.81524	0.450089	1.03728	511.647	1413.543	0.361923	0.616244	30.13023	26.33237	0.370232	48.4	0
1536.954	934.454	313.8023	17.73642	0.448943	0.978277	511.0178	1412.729	0.36082	0.61201	37.49543	27.0808	0.382406	49.2	0
1537.106	934.606	313.8067	17.65225	0.434251	1.028239	506.1193	1415.809	0.34635	0.579564	102.2388	34.64698	0.491525	66.5	0
1537.259	934.759	313.8111	17.57861	0.427701	1.038689	500.9564	1410.919	0.339927	0.564768	131.5223	38.73322	0.551744	76	0
1537.411	934.911	313.8154	17.50372	0.412689	1.168167	497.1512	1401.517	0.32519	0.534514	193.6083	49.08536	0.702131	100	0.1
1537.563	935.063	313.8198	17.41243	0.411833	1.184522	497.1177	1417.353	0.324378	0.538469	189.2707	48.27742	0.694114	100	0.1
1537.716	935.216	313.8242	17.31346	0.415604	1.186019	497.5911	1421.408	0.328112	0.5512	166.5485	44.26445	0.639976	94.7	0
1537.868	935.368	313.8286	17.21637	0.389275	1.419688	498.7004	1401.892	0.302321	0.490692	285.643	70.50636	1.02501	100	1.1
1538.021	935.521	313.833	17.13749	0.396601	1.372309	496.7104	1383.969	0.309523	0.505931	254.6733	62.18087	0.908053	100	0.7
1538.173	935.673	313.8374	17.0468	0.389591	1.464454	495.2517	1368.344	0.302687	0.488051	288.7814	71.44542	1.04879	100	1.2
1538.325	935.825	313.8418	16.97528	0.415823	1.224519	497.3683	1365.802	0.328443	0.547719	170.8964	45.00491	0.663386	98.9	0
1538.478	935.978	313.8462	16.90047	0.433964	1.095964	502.6925	1391.882	0.346327	0.587769	90.94821	33.18962	0.491352	67.2	0
1538.63	936.13	313.8505	16.83028	0.436509	1.089675	508.0331	1409.381	0.348866	0.594144	78.64744	31.67169	0.470801	63.8	0
1538.783	936.283	313.855	16.75809	0.438992	1.057883	509.1912	1437.527	0.351342	0.599047	68.46304	30.46766	0.454822	60.6	0
1538.935	936.435	313.8593	16.66779	0.442962	1.013546	505.9665	1437.597	0.355289	0.608871	49.45892	28.34211	0.425345	55.4	0
1539.087	936.587	313.8637	16.56086	0.427806	1.079948	502.3734	1425.598	0.340376	0.57883	111.4957	35.88959	0.542035	74.6	0
1539.24	936.74	313.8681	16.45557	0.445007	0.9888	500.9148	1402.379	0.357365	0.6196	31.78802	26.49901	0.402731	51.6	0
1539.392	936.892	313.8725	16.34265	0.426118	1.106825	503.3477	1474.415	0.338772	0.579633	112.6021	36.04107	0.551479	76.7	0
1539.545	937.045	313.8769	16.23203	0.42234	1.145915	507.3225	1603.777	0.335083	0.56906	132.2825	38.84553	0.598385	84.9	0

1539.697	937.197	313.8813	16.12368	0.408377	1.192055	510.3421	1825.845	0.321389	0.533725	199.9428	50.29082	0.779828	100	0.3
1539.849	937.349	313.8857	16.0091	0.424414	1.107372	511.1194	1934.109	0.337181	0.565455	134.3619	39.15438	0.611433	85.1	0
1540.002	937.502	313.8901	15.89124	0.419093	1.156957	509.3475	1985.727	0.331975	0.553653	157.8338	42.81753	0.673537	96.4	0
1540.154	937.654	313.8944	15.78565	0.399135	1.375054	507.0843	1994.001	0.312409	0.512824	241.1776	58.97024	0.933763	100	0.8
1540.307	937.807	313.8988	15.68788	0.392485	1.454325	505.4874	2001.12	0.305924	0.501878	265.2342	64.85241	1.03324	100	1.1
1540.459	937.959	313.9032	15.58755	0.394328	1.453071	504.7773	2006.953	0.307757	0.507384	255.1049	62.28713	0.998697	100	1
1540.611	938.111	313.9076	15.50986	0.393616	1.444946	503.682	2007.124	0.307089	0.504539	259.9529	63.49752	1.023163	100	1.1
1540.764	938.264	313.912	15.41976	0.39644	1.42339	502.9206	2006.307	0.309884	0.512204	245.5184	59.97999	0.972085	100	0.9
1540.916	938.416	313.9164	15.31431	0.405863	1.314726	502.2176	2002.727	0.319152	0.533362	203.5312	50.98755	0.831993	100	0.4
1541.069	938.569	313.9208	15.19851	0.399152	1.384372	501.8893	1993.582	0.312599	0.5195	231.7026	56.8357	0.934437	100	0.8
1541.221	938.721	313.9252	15.08865	0.397855	1.341446	500.3384	1982.641	0.311356	0.516863	237.0582	58.03082	0.96099	100	0.8
1541.373	938.873	313.9295	14.98474	0.396091	1.358518	497.9554	1972.069	0.309658	0.517012	239.1968	58.51627	0.975712	100	0.9
1541.526	939.026	313.9339	14.89112	0.38261	1.539166	495.5722	1965.555	0.296495	0.488126	297.2233	74.08441	1.24303	100	1.7
1541.678	939.178	313.9383	14.79443	0.379036	1.69217	493.0326	1958.859	0.293031	0.485185	306.0623	77.05305	1.301255	100	2
1541.831	939.331	313.9427	14.70864	0.376633	1.699495	491.9394	1953.222	0.290713	0.481276	314.656	80.18647	1.362044	100	2.2
1541.983	939.483	313.9471	14.62858	0.370551	1.75714	491.4606	1950.433	0.284807	0.466968	342.5508	92.90894	1.586763	100	2.9
1542.135	939.635	313.9515	14.54854	0.37256	1.680962	491.4763	1950.186	0.286795	0.474425	329.5164	86.36713	1.483136	100	2.5
1542.288	939.788	313.9559	14.5191	0.373994	1.753117	491.2708	1950.922	0.288224	0.481696	317.5103	81.29097	1.398803	100	2.3
1542.44	939.94	313.9603	14.49632	0.369424	1.765066	490.8405	1947.133	0.283794	0.476728	330.4788	86.80886	1.496109	100	2.6
1542.593	940.093	313.9647	14.44626	0.363087	1.857776	490.0828	1938.37	0.277648	0.464583	355.7209	101.1155	1.748717	100	3.4
1542.745	940.245	313.9691	14.40029	0.372018	1.684328	489.9939	1938.881	0.286382	0.486451	313.4905	79.74517	1.383539	100	2.3
1542.897	940.397	313.9734	14.36629	0.380356	1.56164	490.4643	1942.834	0.294551	0.505449	276.0001	67.74463	1.178124	100	1.6
1543.05	940.55	313.9778	14.33481	0.377638	1.573656	491.3767	1971.211	0.291925	0.49936	288.0268	71.21769	1.24125	100	1.8
1543.202	940.702	313.9822	14.30652	0.382619	1.62501	492.4614	1977.487	0.29682	0.512442	263.219	64.33077	1.123444	100	1.5
1543.355	940.855	313.9866	14.27827	0.370516	1.926927	494.0434	1971.13	0.285032	0.488733	312.205	79.26473	1.386994	100	2.4
1543.507	941.007	313.991	14.26136	0.348863	2.432555	495.733	1951.893	0.263985	0.44457	402.1947	160.1391	2.805505	100	6.9
1543.659	941.159	313.9954	14.25289	0.356189	2.090322	496.6426	1934.503	0.271135	0.465106	363.9873	107.4343	1.883301	100	4
1543.812	941.312	313.9998	14.28983	0.359186	1.932128	497.386	1922.065	0.274079	0.472703	349.4406	96.95894	1.695307	100	3.4
1543.964	941.464	314.0042	14.29279	0.366138	1.726576	498.1389	1919.352	0.280879	0.486669	320.7842	82.60238	1.444006	100	2.5
1544.117	941.617	314.0086	14.27989	0.37897	1.606499	499.6627	1918.784	0.293427	0.514911	264.4933	64.65994	1.13138	100	1.5
1544.269	941.769	314.0129	14.28723	0.375445	1.598554	500.8854	1919.886	0.290013	0.511842	273.4404	67.03997	1.172438	100	1.6
1544.421	941.921	314.0173	14.36005	0.383877	1.558793	499.2085	1921.618	0.29828	0.533807	231.7201	56.83957	0.989031	100	1.1
1544.574	942.074	314.0217	14.3832	0.397157	1.43935	495.0349	1923.421	0.311306	0.564009	172.0656	45.20617	0.785353	100	0.4
1544.726	942.226	314.0261	14.40676	0.389796	1.548721	490.0964	1923.297	0.304126	0.550126	201.1314	50.52047	0.876257	100	0.7
1544.879	942.379	314.0305	14.51976	0.375975	1.703903	486.7366	1921.099	0.290647	0.522829	257.4042	62.85736	1.081793	100	1.4
1545.031	942.531	314.0349	14.6322	0.372987	1.779391	486.7675	1915.61	0.287759	0.518025	268.0178	65.58275	1.120075	100	1.6
1545.183	942.683	314.0393	14.60652	0.351664	2.088178	488.6906	1917.232	0.267023	0.470319	362.469	106.191	1.816812	100	3.9
1545.336	942.836	314.0437	14.7321	0.352443	1.988643	491.3293	1925.718	0.267808	0.470239	361.4953	105.4144	1.788246	100	3.7
1545.488	942.988	314.0481	14.70795	0.35109	2.018034	493.2371	1934.732	0.266522	0.468092	366.2324	109.3493	1.858053	100	4
1545.641	943.141	314.0525	14.81763	0.348548	2.014112	494.0326	1924.298	0.264081	0.463348	376.1474	119.0761	2.008457	100	4.4
1545.793	943.293	314.0568	14.78341	0.35379	1.955767	494.0484	1878.946	0.269204	0.476698	350.6552	97.72532	1.652148	100	3.3
1545.945	943.445	314.0612	14.89471	0.353179	1.952009	493.677	1796.859	0.268639	0.47733	350.5626	97.6663	1.638904	100	3.3
1546.098	943.598	314.0656	14.93255	0.369746	1.616491	493.3087	1712.672	0.284798	0.51579	275.1881	67.51989	1.130189	100	1.6
1546.25	943.75	314.07	14.99241	0.389819	1.398623	493.567	1669.102	0.304437	0.557485	190.549	48.51406	0.808847	100	0.5
1546.403	943.903	314.0744	15.03521	0.420195	1.161069	495.6955	1666.99	0.334267	0.615023	69.98049	30.64411	0.509474	71.8	0
1546.555	944.055	314.0788	15.04379	0.398678	1.351866	502.868	1670.828	0.31317	0.570225	160.9139	43.32335	0.719873	100	0.2
1546.707	944.207	314.0832	15.03993	0.374728	1.608207	511.4162	1645.291	0.289774	0.51827	264.8991	64.76527	1.076446	100	1.4
1546.86	944.36	314.0876	15.00963	0.356017	1.858751	518.0907	1606.238	0.271571	0.476236	348.0263	96.08756	1.600267	100	3.1
1547.012	944.512	314.0919	15.00714	0.350884	1.937738	519.0002	1566.593	0.266609	0.462782	373.4399	116.1924	1.935441	100	4.2
1547.165	944.665	314.0964	15.11616	0.334657	2.444711	512.5106	1531.523	0.250894	0.422534	450.6689	300.9901	4.977818	100	13.7
1547.317	944.817	314.1007	15.07448	0.329282	3.022517	502.3719	1497.264	0.245719	0.410383	474.5803	361.1043	5.988459	100	17.2
1547.469	944.969	314.1051	15.06577	0.323083	3.49655	493.0443	1482.963	0.239753	0.399323	498.0755	413.8987	6.868013	100	20.4
1547.622	945.122	314.1095	15.07802	0.319708	3.491544	488.0626	1478.516	0.236522	0.402887	497.6167	412.9211	6.846351	100	20.6
1547.774	945.274	314.1139	15.19889	0.336128	2.333002	486.3062	1465.318	0.252434	0.451058	409.1813	177.3098	2.916683	100	7.5
1547.927	945.427	314.1183	15.1902	0.339978	2.00498	486.0483	1448.157	0.256194	0.462879	387.6788	133.7931	2.202126	100	5.2
1548.079	945.579	314.1227	15.32973	0.340244	1.998981	486.1807	1432.099	0.256481	0.459691	391.6826	140.0344	2.284079	100	5.4
1548.231	945.731	314.1271	15.34773	0.328517	2.304831	486.3101	1419.527	0.245151	0.424768	455.5129	313.7396	5.111473	100	14.4
1548.384	945.884	314.1315	15.37458	0.334216	2.15805	486.4358	1405.106	0.250696	0.433321	436.0559	260.6103	4.238592	100	11.4
1548.536	946.036	314.1358	15.38942	0.360977	1.719865	485.893	1394.546	0.276714	0.493866	316.6006	80.93517	1.315096	100	2.2
1548.689	946.189	314.1402	15.53003	0.384057	1.452313	485.0178	1400.107	0.29926	0.542386	218.5285	54.01363	0.869797	100	0.7
1548.841	946.341	314.1446	15.50068	0.392962	1.422522	484.0905	1407.538	0.308001	0.559509	182.8363	47.10434	0.759965	100	0.4
1548.993	946.493	314.149	15.45586	0.37383	1.608816	483.4981	1415.314	0.289328	0.518802	264.7803	64.73441	1.047414	100	1.3
1549.146	946.646	314.1534	15.36071	0.350733	1.920156	483.5198	1412.846	0.266864	0.471882	360.5308	104.6606	1.70384	100	3.5
1549.298	946.798	314.1578	15.30645	0.343187	1.996983	483.7598	1399.354	0.259566	0.459057	388.2998	134.7176	2.200889	100	5.1
1549.451	946.951	314.1622	15.27498	0.340036	1.969603	483.9473	1395.449	0.256538	0.45292	400.9484	157.4293	2.577217	100	6.3
1549.603	947.103	314.1666	15.38455	0.321001	2.463803	484.0213	1398.57	0.238143	0.404717	492.8543	402.6543	6.545254	100	19.3
1549.755	947.255	314.1709	15.2725	0.328479	2.404401	484.0402	1405.159	0.245401	0.419078	463.0193	332.9081	5.450928	100	15.5
1549.908	947.408	314.1754	15.36688	0.342627	2.006351	484.0588	1410.301	0.259137	0.456899	391.8706	140.3444	2.283991	100	5.4
1550.06	947.56	314.1797	15.46549	0.359141	1.763258	484.0776	1425.168	0.275213	0.499053	311.5135	79.00891	1.277701	100	2.2
1550.213	947.713	314.1841	15.46773	0.355241	1.753949	484.2098	1451.619	0.271448	0.491602	326.9914	85.23499	1.378206	100	2.5
1550.365	947.865	314.1885	15.47005	0.356334	1.726805	484.4532	1428.049	0.272539	0.490128	327.5198	85.46879	1.381799	100	2.5
1550.517	948.017	314.1929	15.62364	0.339043	1.912987	485.0274	1395.603	0.255776	0.451341	404.1794	164.6626	2.636278	100	6.4
1550.67	948.17	314.1973	15.49861	0.342991	1.872841	485.381	1382.401	0.259634	0.462393	383.6036	128.0885	2.067117	100	4.7
1550.822	948.322	314.2017	15.61176	0.353168	1.810171	485.6178	1392.263	0.269546	0.485019	338.701	90.84054	1.455505	100	2.7
1550.975	948.475	314.2061	15.52629	0.360863	1.714904	485.0743	1402.876	0.277062	0.498778	309.3408	78.21676	1.260081	100	2.1
1551.127	948.627	314.2105	15.55724	0.352261	1.817568	483.9166	1402.178	0.268722	0.482225	343.693	93.54789	1.504118	100	2.9
1551.279	948.779	314.2148	15.43169	0.343754	1.821553	482.4826	1411.648	0.260488	0.465399	378.2766	121.4808	1.968996	100	4.4
1551.432	948.932	314.2192	15.36535	0.334125	1.89199	480.9503	1414.45	0.251182	0.449386	413.216	188.9877	3.076308	100	7.9
1551.584	949.084	314.2236	15.29366	0.334581	1.897544	480.9782	1423.903	0.251652	0.454017	406.176	169.4869	2.771731	100	6.9
1551.737	949.237	314.228	15.38534	0.328107	1.984729	482.0074	1420.147	0.245413	0.442098	431.2341	246.6194	4.009359	100	10.9

1551.889	949.389	314.2324	15.51087	0.331132	1.949692	483.6969	1429.348	0.248369	0.447789	419.3013	209.5661	3.379706	100	8.9
1552.041	949.541	314.2368	15.48999	0.335672	1.883921	484.8767	1435.985	0.252795	0.455252	402.8958	161.7073	2.611392	100	6.4
1552.194	949.694	314.2412	15.48996	0.34464	1.821644	484.6649	1437.935	0.26152	0.474064	364.8944	108.1968	1.747282	100	3.7
1552.346	949.846	314.2456	15.61355	0.333794	2.002002	483.6267	1425.199	0.251033	0.447454	416.0877	198.2185	3.176014	100	8.2
1552.499	949.999	314.25	15.61478	0.329888	2.054986	482.9763	1413.543	0.24728	0.438336	433.8505	254.2537	4.073588	100	11.1
1552.651	950.151	314.2543	15.76667	0.319431	2.257479	482.7185	1422.066	0.2372	0.416789	477.4961	367.9738	5.839494	100	17.1
1552.803	950.303	314.2587	15.8515	0.325022	2.154721	482.7372	1419.59	0.24263	0.431031	450.3478	300.1341	4.737799	100	13.4
1552.956	950.456	314.2631	15.86905	0.322153	2.319526	482.756	1440.008	0.239886	0.419251	470.3912	351.0672	5.535824	100	16
1553.108	950.608	314.2675	15.77356	0.324732	2.233552	482.661	1419.53	0.242407	0.421709	463.5202	334.1626	5.300839	100	15.1
1553.261	950.761	314.2719	15.93039	0.350699	1.788708	482.3419	1406.451	0.267605	0.480804	347.1963	95.58621	1.501564	100	2.9
1553.413	950.913	314.2763	15.77378	0.352115	1.730457	481.6913	1385.612	0.26901	0.48647	337.4373	90.18847	1.43068	100	2.7
1553.565	951.065	314.2807	15.81829	0.360401	1.63463	481.0432	1384.847	0.277098	0.503447	302.8482	75.94654	1.201422	100	1.9
1553.718	951.218	314.2851	15.93172	0.349609	1.763352	480.8409	1390.588	0.266631	0.479939	349.7341	97.14259	1.525943	100	3
1553.87	951.37	314.2895	16.06338	0.349178	1.817789	481.0898	1401.644	0.266241	0.479841	350.4062	97.56678	1.52023	100	3
1554.023	951.523	314.2939	16.06551	0.333796	2.032794	481.8333	1411.302	0.251349	0.445971	417.6981	203.7639	3.174556	100	8.2
1554.175	951.675	314.2982	16.07318	0.331738	2.08257	482.5738	1418.973	0.249386	0.438555	430.6416	244.8761	3.813319	100	10.2
1554.327	951.827	314.3026	16.07274	0.320953	2.37217	482.9207	1420.285	0.238984	0.411449	482.4016	379.3207	5.907181	100	17.3
1554.48	951.98	314.307	16.08446	0.327821	2.235517	482.4915	1417.834	0.245652	0.426674	452.1898	305.0261	4.746831	100	13.3
1554.632	952.132	314.3114	16.25221	0.33266	2.141267	481.6686	1407.036	0.250364	0.439217	428.3784	238.169	3.668739	100	9.8
1554.785	952.285	314.3158	16.25369	0.336971	1.977169	480.6338	1409.886	0.254569	0.448021	410.4262	180.7622	2.784232	100	7
1554.937	952.437	314.3202	16.2558	0.323831	2.188975	480.5449	1418.333	0.24188	0.423218	462.1656	330.7633	5.094069	100	14.5
1555.089	952.589	314.3246	16.42246	0.319316	2.038648	480.6804	1447.748	0.237546	0.419905	472.7171	356.6646	5.438164	100	15.8
1555.242	952.742	314.329	16.39238	0.335421	1.882971	481.476	1417.719	0.253152	0.458109	398.4591	152.2999	2.326379	100	5.6
1555.394	952.894	314.3333	16.36721	0.354564	1.644511	481.8232	1407.548	0.271762	0.493253	324.2792	84.05962	1.285969	100	2.2
1555.547	953.047	314.3378	16.20969	0.355499	1.664642	481.3967	1374.278	0.2727	0.490162	327.2509	85.34958	1.318212	100	2.3
1555.699	953.199	314.3421	16.07983	0.352982	1.663493	481.0805	1384.455	0.270281	0.486084	336.2157	89.56996	1.394424	100	2.5
1555.851	953.351	314.3465	16.03703	0.336802	1.803783	480.9919	1387.78	0.254605	0.453967	402.1708	160.0863	2.498812	100	6
1556.004	953.504	314.3509	16.03459	0.334111	1.877436	481.1211	1418.321	0.252027	0.44507	418.0066	204.8578	3.198178	100	8.2
1556.156	953.656	314.3553	16.05993	0.348002	1.665011	481.361	1421.356	0.265528	0.473038	360.7791	104.8532	1.634408	100	3.3
1556.309	953.809	314.3597	16.06954	0.354949	1.577895	481.1552	1408.325	0.272308	0.487881	330.939	87.02216	1.355682	100	2.4
1556.461	953.961	314.3641	16.11781	0.347433	1.692875	481.0634	1397.642	0.265033	0.474929	358.8534	103.385	1.605855	100	3.2
1556.613	954.113	314.3685	16.22043	0.346508	1.791371	480.9746	1399.44	0.264163	0.473394	362.1708	105.9514	1.635476	100	3.3
1556.766	954.266	314.3729	16.29888	0.338814	1.953559	481.5032	1411.527	0.256726	0.45612	396.2716	148.083	2.275015	100	5.4
1556.918	954.418	314.3772	16.37981	0.331152	2.074313	482.7598	1422.957	0.249333	0.438287	431.085	246.1811	3.763755	100	10.1
1557.071	954.571	314.3816	16.32341	0.336685	1.912275	485.2295	1432.071	0.254721	0.450244	407.1484	171.942	2.637718	100	6.5
1557.223	954.723	314.386	16.23365	0.348361	1.705934	486.9097	1423.316	0.266076	0.474639	357.8129	102.6153	1.582786	100	3.1
1557.375	954.875	314.3904	16.30874	0.334123	1.888491	486.9161	1415.339	0.252296	0.44633	415.8969	197.5799	3.03378	100	7.8
1557.528	955.028	314.3948	16.38426	0.335378	1.809024	485.2516	1398.483	0.25354	0.454068	403.5018	163.0887	2.492846	100	6.1
1557.68	955.18	314.3992	16.39016	0.334849	1.837393	482.8246	1379.704	0.253055	0.45432	403.8222	163.8291	2.503306	100	6.1
1557.833	955.333	314.4036	16.36239	0.338806	1.728052	481.6217	1376.891	0.256918	0.459892	390.8014	138.6019	2.121399	100	4.9
1557.985	955.485	314.408	16.26651	0.347026	1.70231	481.5389	1371.962	0.264923	0.474138	360.0954	104.3253	1.606057	100	3.2
1558.137	955.637	314.4123	16.30926	0.333531	1.904259	482.4576	1374.737	0.251865	0.442621	421.6089	217.6346	3.341811	100	8.7
1558.29	955.79	314.4168	16.40702	0.345661	1.792677	484.2578	1375.071	0.263655	0.465552	373.695	116.4562	1.777736	100	3.8
1558.442	955.942	314.4211	16.42278	0.313727	2.401742	485.5021	1373.518	0.232781	0.396058	512.202	443.0387	6.756804	100	20.4
1558.595	956.095	314.4255	16.32294	0.313425	2.240594	486.2423	1367.403	0.232518	0.406062	498.7602	415.3535	6.372785	100	19.2
1558.747	956.247	314.4299	16.39002	0.32176	1.810367	486.4853	1367.285	0.240592	0.44204	437.9673	266.0624	4.065808	100	11.3
1558.899	956.399	314.4343	16.38696	0.334909	1.584615	486.8357	1360.862	0.253343	0.469511	382.4623	126.5966	1.934953	100	4.3
1559.052	956.552	314.4387	16.39906	0.347345	1.515165	486.971	1366.859	0.265432	0.488771	339.1994	91.10128	1.391435	100	2.5
1559.204	956.704	314.4431	16.40112	0.343057	1.622025	487.6626	1357.052	0.261298	0.471213	369.1339	111.9693	1.709972	100	3.5
1559.357	956.857	314.4475	16.40323	0.343273	1.577573	488.5742	1372.475	0.261536	0.473003	366.3354	109.4394	1.671144	100	3.4
1559.509	957.009	314.4519	16.56547	0.347359	1.557391	489.4811	1380.105	0.265532	0.482995	347.0338	95.48896	1.444092	100	2.7
1559.661	957.161	314.4562	16.73375	0.364096	1.406279	489.7174	1389.968	0.281839	0.51421	281.4521	69.28424	1.037456	100	1.3
1559.814	957.314	314.4606	16.76397	0.377533	1.314525	489.0579	1376.136	0.294973	0.535974	233.2931	57.18763	0.854818	100	0.7
1559.966	957.466	314.465	16.62791	0.38223	1.272064	487.7436	1382.125	0.299591	0.543085	217.1077	53.71873	0.809427	100	0.5
1560.119	957.619	314.4694	16.65767	0.353367	1.495916	487.2031	1384.646	0.271484	0.485439	335.4467	89.18634	1.341506	100	2.3
1560.271	957.771	314.4738	16.52907	0.33738	1.67547	486.6689	1371.722	0.255993	0.454345	399.7341	154.8814	2.347503	100	5.5
1560.423	957.923	314.4782	16.53124	0.341203	1.629492	486.574	1352.108	0.259728	0.464364	380.7535	124.4425	1.885928	100	4.1
1560.576	958.076	314.4826	16.56914	0.355871	1.461744	486.485	1337.881	0.274003	0.49131	323.8674	83.88467	1.26843	100	2.1
1560.728	958.228	314.487	16.47209	0.372185	1.277509	486.6176	1330.822	0.289925	0.522723	258.5467	63.14325	0.960339	100	1
1560.881	958.381	314.4914	16.58927	0.366126	1.320719	486.9739	1328.355	0.284046	0.512615	280.608	69.04225	1.042776	100	1.3
1561.033	958.533	314.4958	16.59481	0.342244	1.547646	487.7758	1331.143	0.260852	0.468436	373.5826	116.3397	1.756576	100	3.7
1561.185	958.685	314.5001	16.5366	0.332972	1.601719	488.6884	1333.323	0.251894	0.45393	405.9638	168.9608	2.559941	100	6.2
1561.338	958.838	314.5045	16.67911	0.33647	1.541065	489.4803	1337.586	0.25531	0.459089	394.1286	144.1965	2.166417	100	5
1561.49	958.99	314.5089	16.59312	0.343435	1.416789	489.7208	1341.648	0.262093	0.468209	372.1839	114.9166	1.735324	100	3.5
1561.643	959.143	314.5133	16.64966	0.333267	1.573091	489.5116	1346.294	0.252265	0.440663	423.7595	224.2362	3.374872	100	8.7
1561.795	959.295	314.5177	16.63326	0.326601	1.657213	488.8581	1351.324	0.245842	0.426548	452.1026	304.7954	4.59183	100	12.7
1561.947	959.447	314.5221	16.5698	0.334957	1.610859	487.9832	1351.615	0.253959	0.45423	402.6997	161.2655	2.438683	100	5.8
1562.1	959.6	314.5265	16.56297	0.330266	1.637447	486.8223	1352.423	0.249444	0.447545	418.155	205.3882	3.107211	100	8
1562.252	959.752	314.5309	16.58895	0.326643	1.738246	484.9367	1348.42	0.245968	0.441768	430.9245	245.7091	3.711526	100	10
1562.405	959.905	314.5353	16.58792	0.317365	1.888158	482.5597	1339.379	0.237033	0.416701	477.8472	368.7946	5.571186	100	16.3
1562.557	960.057	314.5396	16.51478	0.315599	1.963635	480.8551	1327.982	0.235356	0.413426	484.6799	384.5028	5.83384	100	17.2
1562.709	960.209	314.544	16.48127	0.31463	1.912715	479.934	1318.207	0.23445	0.412069	487.8035	391.5196	5.95225	100	17.6
1562.862	960.362	314.5484	16.42995	0.321893	1.704921	480.1799	1311.797	0.241491	0.428026	456.0667	315.1779	4.806414	100	13.6
1563.014	960.514	314.5528	16.38433	0.333407	1.536587	481.1478	1305.004	0.252656	0.452664	406.6578	170.6946	2.610231	100	6.4
1563.167	960.667	314.5572	16.42066	0.333345	1.561342	481.7774	1303.02	0.252625	0.451219	408.6958	175.998	2.685502	100	6.6
1563.319	960.819	314.5616	16.44659	0.321043	1.760113	482.238	1305.396	0.240755	0.425604	460.4257	326.3642	4.972229	100	14.1
1563.471	960.971	314.566	16.27922	0.31219	1.840721	482.0329	1305.446	0.232239	0.404439	501.3835	420.8871	6.477279	100	19.4
1563.624	961.124	314.5704	16.18705	0.316511	1.717301	481.9408	1310.287	0.236436	0.412852	483.9823	382.9219	5.926145	100	17.4
1563.776	961.276	314.5747	16.20501	0.324857	1.627144	481.846	1320.851	0.244526	0.427338	452.8282	306.7111	4.74157	100	13.2
1563.929	961.429	314.5792	16.30841	0.332441	1.622685	481.3578	1333.987	0.251892	0.445665	417.3707	202.6138	3.112759	100	7.9

1564.081	961.581	314.5835	16.27738	0.347389	1.581603	480.3628	1347.357	0.266415	0.47937	350.8159	97.82795	1.505773	100	2.9
1564.233	961.733	314.5879	16.23235	0.340827	1.600875	478.3791	1357.003	0.260075	0.467073	376.5353	119.5049	1.844476	100	4
1564.386	961.886	314.5923	16.09713	0.328161	1.598836	477.2827	1358.435	0.247835	0.438154	433.3357	252.7598	3.933525	100	10.5
1564.538	962.038	314.5967	15.97191	0.337149	1.449506	476.6932	1354.732	0.256566	0.453357	400.3061	156.0706	2.447636	100	5.7
1564.691	962.191	314.6011	15.97397	0.35757	1.319359	476.7732	1354.477	0.276426	0.494669	315.8885	80.65915	1.264823	100	2
1564.843	962.343	314.6055	15.91653	0.361241	1.307678	477.6918	1350.805	0.280027	0.500117	303.4013	76.13464	1.198142	100	1.7
1564.995	962.495	314.6099	15.77338	0.358821	1.35564	479.1573	1346.517	0.2777	0.499857	306.9722	77.37233	1.228553	100	1.9
1565.148	962.648	314.6143	15.78394	0.339605	1.550785	480.174	1338.744	0.259061	0.46404	382.1199	126.1575	2.001885	100	4.4
1565.3	962.8	314.6186	15.7968	0.323011	1.828119	480.2971	1333.624	0.243026	0.431082	449.7312	298.4866	4.732676	100	13.3
1565.453	962.953	314.623	15.93111	0.294005	2.304237	479.5294	1325.045	0.21511	0.358103	588.9665	574.9004	9.039559	100	29.7
1565.605	963.105	314.6274	16.05924	0.316044	1.973751	478.3216	1322.667	0.236354	0.408136	490.6031	397.7232	6.204501	100	18.4
1565.757	963.257	314.6318	16.06133	0.33448	1.715153	477.1096	1322.297	0.254208	0.448916	409.689	178.7022	2.787438	100	6.9
1565.91	963.41	314.6362	16.06344	0.346124	1.501685	475.9581	1330.194	0.265528	0.477462	354.6738	100.3876	1.565685	100	3
1566.062	963.562	314.6406	16.00763	0.34022	1.519846	474.9754	1327.45	0.259828	0.468137	375.4076	118.2694	1.850946	100	4
1566.215	963.715	314.645	15.92051	0.354972	1.332122	474.3275	1329.049	0.274183	0.498826	313.2472	79.65375	1.253351	100	2
1566.367	963.867	314.6494	15.88812	0.350222	1.374748	474.2386	1318.476	0.269594	0.487318	335.4609	89.19339	1.406301	100	2.5
1566.519	964.019	314.6537	15.86405	0.335814	1.539581	474.5921	1318.489	0.255642	0.456664	397.0173	149.4913	2.360573	100	5.5
1566.672	964.172	314.6582	15.70007	0.318265	1.801378	474.8318	1322.226	0.238698	0.421736	468.6019	346.7186	5.531523	100	16
1566.824	964.324	314.6625	15.6784	0.310346	1.966232	474.9612	1328.913	0.231087	0.408004	498.0539	413.8526	6.611682	100	20
1566.977	964.477	314.6669	15.58189	0.311613	1.87715	474.9797	1327.145	0.232337	0.410404	493.018	403.0108	6.478017	100	19.5
1567.129	964.629	314.6713	15.55583	0.320348	1.762804	474.9983	1324.908	0.240794	0.429587	454.8748	312.0774	5.02473	100	14.3
1567.281	964.781	314.6757	15.52506	0.329042	1.684158	474.7347	1333.059	0.249227	0.445033	421.9211	218.5974	3.526568	100	9.3
1567.434	964.934	314.6801	15.49527	0.343268	1.58126	474.188	1346.45	0.26304	0.475439	360.8995	104.947	1.696324	100	3.5
1567.586	965.086	314.6845	15.42623	0.342654	1.640337	473.0975	1349.767	0.262473	0.47156	367.034	110.0563	1.786819	100	3.8
1567.739	965.239	314.6889	15.32909	0.325452	1.867757	472.6741	1346.681	0.24584	0.432073	444.4801	284.2489	4.643971	100	12.9
1567.891	965.391	314.6933	15.36078	0.326013	1.787266	472.6957	1331.087	0.246411	0.433113	442.2576	278.1096	4.53443	100	12.5
1568.043	965.543	314.6976	15.35251	0.327225	1.658073	473.2734	1318.569	0.247611	0.437744	434.2095	255.2936	4.164701	100	11.3
1568.196	965.696	314.702	15.35633	0.330348	1.630307	473.8479	1296.101	0.250661	0.446778	417.5336	203.1847	3.313853	100	8.6
1568.348	965.848	314.7064	15.27179	0.331433	1.571435	474.1983	1289.614	0.251741	0.450548	410.8421	181.9448	2.983768	100	7.5
1568.501	966.001	314.7108	15.14455	0.33315	1.506935	474.2078	1276.501	0.253431	0.451895	406.6507	170.6765	2.822349	100	7
1568.653	966.153	314.7152	15.07754	0.332802	1.544914	473.1023	1256.78	0.253123	0.450169	409.4572	178.0637	2.957537	100	7.4
1568.805	966.305	314.7196	15.12665	0.324646	1.679619	470.8235	1234.655	0.245259	0.431673	445.8337	287.9549	4.767405	100	13.3
1568.958	966.458	314.724	15.10044	0.32609	1.768113	467.8259	1226.646	0.246685	0.437841	435.3549	258.5978	4.2888	100	11.8
1569.11	966.61	314.7284	15.06223	0.330217	1.617536	464.6104	1215.823	0.250705	0.450495	412.3436	186.3401	3.098244	100	7.9
1569.263	966.763	314.7328	14.92255	0.32378	1.625688	462.3499	1207.153	0.244507	0.441435	433.3996	252.9455	4.244857	100	11.7
1569.415	966.915	314.7372	14.92208	0.336538	1.409589	461.2136	1196.47	0.256883	0.471379	374.9989	117.8299	1.977473	100	4.3
1569.567	967.067	314.7415	14.93371	0.344378	1.237511	462.1304	1181.087	0.264514	0.487223	342.6024	92.93755	1.558531	100	2.9
1569.72	967.22	314.7459	15.03246	0.346341	1.215596	463.5422	1171.965	0.266449	0.488167	338.631	90.8041	1.51283	100	2.7
1569.872	967.372	314.7503	15.03315	0.333718	1.343287	464.7281	1174.775	0.254236	0.461519	392.2581	140.9885	2.348843	100	5.5
1570.025	967.525	314.7547	14.91608	0.336157	1.32357	465.192	1177.148	0.256628	0.468665	379.0955	122.4398	2.055764	100	4.5
1570.177	967.677	314.7591	14.84138	0.326688	1.396525	465.3181	1186.905	0.24749	0.447918	420.337	213.4716	3.602175	100	9.5
1570.329	967.829	314.7635	14.85636	0.324465	1.386081	465.2231	1196.48	0.245368	0.44026	433.8328	254.2025	4.28523	100	11.7
1570.482	967.982	314.7679	14.85452	0.327474	1.316161	464.9037	1208.167	0.248307	0.44625	421.5119	217.335	3.664232	100	9.6
1570.634	968.134	314.7723	14.81634	0.327501	1.32329	464.253	1217.358	0.248361	0.44735	419.9184	211.878	3.581431	100	9.4
1570.787	968.287	314.7767	14.65831	0.327072	1.321775	463.6049	1216.339	0.247974	0.448337	419.091	208.7883	3.567126	100	9.3
1570.939	968.439	314.781	14.48819	0.325865	1.358074	463.2888	1215.253	0.246835	0.446427	423.2982	222.8262	3.851556	100	10.2
1571.091	968.591	314.7854	14.32992	0.326882	1.349766	463.0803	1209.099	0.247847	0.448566	418.9501	208.2701	3.63966	100	9.6
1571.244	968.744	314.7898	14.16739	0.316846	1.498971	462.4876	1208.038	0.238179	0.42627	463.0608	333.0122	5.88635	100	17.1
1571.396	968.896	314.7942	14.20361	0.31435	1.611163	462.0087	1215.725	0.235799	0.422524	471.5152	353.78	6.237593	100	18.4
1571.549	969.049	314.7986	14.20897	0.303949	1.694827	462.1098	1215.769	0.225806	0.407451	506.1056	430.686	7.590779	100	23.6
1571.701	969.201	314.803	14.24674	0.265905	2.600286	465.5443	1208.95	0.189377	0.327875	666.1918	676.7375	11.89598	100	43.8
1571.853	969.353	314.8074	14.23759	0.2852	2.085329	470.0349	1202.527	0.207855	0.375939	574.3648	552.6966	9.721892	100	32.9
1572.006	969.506	314.8118	14.27144	0.33107	1.340242	475.2351	1201.19	0.252069	0.462963	393.2553	142.6781	2.503786	100	6
1572.158	969.658	314.8162	14.31315	0.367312	1.046579	479.2005	1197.14	0.287303	0.52607	257.5447	62.89242	1.10047	100	1.3
1572.311	969.811	314.8206	14.31911	0.335699	1.309677	480.7057	1194.609	0.256609	0.455993	396.6099	148.7184	2.601176	100	6.1
1572.463	969.963	314.8249	14.31766	0.301647	1.708741	479.4803	1187.641	0.22376	0.382404	543.4937	501.6357	8.774915	100	27.8
1572.615	970.115	314.8293	14.31683	0.306291	1.645749	476.2402	1178.654	0.228259	0.391623	524.5641	467.109	8.171529	100	25.3
1572.768	970.268	314.8337	14.31675	0.322684	1.433801	470.5704	1170.793	0.244101	0.429323	450.6752	301.0067	5.265859	100	14.8
1572.92	970.42	314.8381	14.32135	0.326163	1.345072	466.5809	1157.328	0.247492	0.4382	433.745	253.9481	4.44124	100	12
1573.073	970.573	314.8425	14.36619	0.337006	1.281688	463.6509	1153.292	0.258017	0.467232	379.1571	122.5127	2.135949	100	4.7
1573.225	970.725	314.8469	14.37478	0.327814	1.377248	462.1122	1150.735	0.249145	0.450426	414.5926	193.3112	3.36832	100	8.7
1573.377	970.877	314.8513	14.39502	0.322651	1.475505	461.5226	1153.684	0.244182	0.444554	429.5446	241.635	4.204477	100	11.5
1573.53	971.03	314.8557	14.41457	0.30868	1.647637	461.3754	1149.464	0.230729	0.421371	480.1014	374.0326	6.499489	100	19.7
1573.682	971.182	314.86	14.4162	0.318711	1.474333	461.4464	1148.37	0.240432	0.448114	429.8067	242.4109	4.211904	100	11.7
1573.835	971.335	314.8644	14.3756	0.31247	1.52365	461.127	1141.837	0.234439	0.435083	456.0606	315.1622	5.491459	100	16.1
1573.987	971.487	314.8688	14.37644	0.315469	1.440981	460.5283	1138.794	0.23736	0.436362	450.2636	299.9095	5.225454	100	15
1574.139	971.639	314.8732	14.36706	0.327753	1.301371	459.7115	1137.542	0.249256	0.459705	401.6348	158.9097	2.770592	100	6.8
1574.292	971.792	314.8776	14.42288	0.335978	1.226175	459.0114	1137.665	0.257247	0.473875	371.0514	113.7979	1.976431	100	4.2
1574.444	971.944	314.882	14.38059	0.317336	1.417894	459.2082	1145.275	0.239247	0.431622	454.2015	310.3179	5.405453	100	15.5
1574.597	972.097	314.8864	14.39114	0.328899	1.308574	460.8669	1155.28	0.250449	0.457389	403.1834	162.3599	2.826128	100	7
1574.749	972.249	314.8908	14.37764	0.331217	1.235352	464.9766	1168.719	0.252721	0.464116	390.7649	138.5435	2.413855	100	5.6
1574.901	972.401	314.8951	14.37298	0.332665	1.294154	470.3456	1170.957	0.254151	0.467907	383.5594	128.03	2.231428	100	5.1
1575.054	972.554	314.8996	14.28455	0.326171	1.333195	474.9745	1175.541	0.247895	0.450212	416.6117	199.9926	3.507242	100	9.2
1575.206	972.706	314.9039	14.26875	0.329856	1.347519	476.4736	1172.817	0.251489	0.446604	416.6314	200.0599	3.512347	100	9.1
1575.359	972.859	314.9083	14.27326	0.333124	1.305178	474.5141	1175.262	0.25468	0.447496	410.9964	182.3873	3.201108	100	8
1575.511	973.011	314.9127	14.24141	0.328947	1.384052	470.0734	1175.963	0.250666	0.444684	420.4176	213.7808	3.760527	100	9.9
1575.663	973.163	314.9171	14.20676	0.308554	1.559679	466.7622	1188.75	0.231004	0.415224	488.2054	392.4149	6.919706	100	21
1575.816	973.316	314.9215	14.16267	0.30145	1.594583	465.6229	1191.612	0.224193	0.41549	497.2376	412.1119	7.289729	100	22.8
1575.968	973.468	314.9259	14.15639	0.313921	1.417653	466.3234	1206.037	0.236234	0.445219	439.594	270.661	4.789828	100	13.7
1576.121	973.621	314.9303	14.14649	0.312705	1.451536	468.5748	1212.074	0.23509	0.436203	453.6155	308.7819	5.468335	100	16

1576.273	973.773	314.9347	14.14963	0.324788	1.367813	470.7126	1215.68	0.246785	0.450453	417.8125	204.1684	3.61494	100	9.6
1576.425	973.925	314.939	14.19665	0.334107	1.293701	472.3408	1217.24	0.255831	0.462065	389.3037	136.2449	2.404356	100	5.6
1576.578	974.078	314.9434	14.1967	0.358326	1.111647	472.6819	1216.527	0.279372	0.510118	290.5037	71.96997	1.270088	100	1.8
1576.73	974.23	314.9478	14.16756	0.365834	1.078592	471.6286	1221.505	0.286712	0.524473	260.5641	63.65233	1.125625	100	1.3
1576.883	974.383	314.9522	14.134	0.352237	1.196011	469.3497	1218.043	0.273507	0.49633	317.6255	81.3363	1.441779	100	2.4
1577.035	974.535	314.9566	14.13173	0.334313	1.374093	465.7992	1213.345	0.256143	0.461305	389.9222	137.2067	2.432567	100	5.7
1577.187	974.687	314.961	14.13998	0.324739	1.462425	463.3239	1200.588	0.246906	0.447852	421.2335	216.4748	3.835738	100	10.3
1577.34	974.84	314.9654	14.11104	0.313229	1.521386	462.8572	1190.393	0.235821	0.428092	463.7996	334.8611	5.945674	100	17.5
1577.492	974.992	314.9698	14.03465	0.295381	1.726983	464.3817	1191.071	0.21867	0.392199	537.0004	490.0921	8.749361	100	28.3
1577.645	975.145	314.9742	14.0325	0.293675	1.767423	465.6187	1195.508	0.217059	0.387663	545.4831	505.1127	9.019011	100	29.4
1577.797	975.297	314.9786	14.0033	0.283287	2.000539	465.8461	1197.476	0.207125	0.362193	594.3414	582.7952	10.4279	100	35.7
1577.949	975.449	314.9829	14.00287	0.308606	1.632103	464.2953	1192.144	0.231478	0.419102	482.1993	378.8579	6.779163	100	20.6
1578.102	975.602	314.9873	14.01266	0.313322	1.656183	461.9734	1192.775	0.236051	0.429709	461.2502	328.4536	5.873213	100	17.3
1578.254	975.754	314.9917	14.03608	0.313501	1.781398	460.1031	1187.861	0.236253	0.430183	460.3189	326.0929	5.821346	100	17.2
1578.407	975.907	314.9961	14.03827	0.313095	1.880137	459.6301	1193.437	0.23589	0.430637	460.1938	325.7752	5.814841	100	17.2
1578.559	976.059	315.0005	14.04179	0.31794	1.688603	460.3828	1196.014	0.240593	0.439444	441.55	276.1407	4.927731	100	14.1
1578.711	976.211	315.0049	14.03372	0.309132	1.822378	462.2996	1198.225	0.232126	0.415162	486.743	389.1486	6.948437	100	21.1
1578.864	976.364	315.0093	14.02961	0.309098	1.780187	464.0965	1195.055	0.232121	0.410456	493.2436	403.5019	7.206924	100	22
1579.016	976.516	315.0137	14.04121	0.307312	1.823017	465.0059	1199.73	0.230428	0.407502	499.6555	417.2494	7.446407	100	22.9
1579.169	976.669	315.0181	14.09272	0.309656	1.758056	465.3008	1199.608	0.232715	0.422409	475.9297	364.2951	6.477688	100	19.6
1579.321	976.821	315.0224	14.08542	0.309093	1.76944	465.3195	1199.695	0.232201	0.428517	468.2097	345.7604	6.151378	100	18.5
1579.473	976.973	315.0268	14.09185	0.315889	1.72926	465.452	1197.054	0.238782	0.443042	439.0819	269.2174	4.787487	100	13.8
1579.626	977.126	315.0312	14.07841	0.330314	1.543818	465.8112	1198.025	0.252751	0.465488	388.8303	135.5196	2.412272	100	5.8
1579.778	977.278	315.0356	14.16519	0.32382	1.619395	466.61	1203.209	0.246499	0.448229	421.2755	216.6045	3.83204	100	10.4
1579.931	977.431	315.04	14.21307	0.321945	1.587666	467.5253	1206.805	0.244714	0.443233	430.633	244.8509	4.317236	100	11.9
1580.083	977.583	315.0444	14.2066	0.317814	1.563603	468.6035	1210.985	0.240753	0.437908	443.448	281.4064	4.964106	100	14.2
1580.235	977.735	315.0488	14.18303	0.327201	1.480888	469.516	1213.437	0.249852	0.457612	403.7001	163.5461	2.889835	100	7.3
1580.388	977.888	315.0532	14.15746	0.318812	1.622094	470.76	1216.974	0.241773	0.439984	439.1755	269.4814	4.770351	100	13.5
1580.54	978.04	315.0576	14.17823	0.326469	1.513248	471.3347	1222.007	0.2492	0.454202	409.3058	177.6492	3.140177	100	8.1
1580.693	978.193	315.062	14.17434	0.342356	1.291708	471.6265	1220.765	0.264617	0.485027	345.4917	94.57917	1.672288	100	3.3
1580.845	978.345	315.0663	14.19203	0.355809	1.164781	471.4208	1216.917	0.277713	0.50995	293.0246	72.75019	1.284736	100	1.9
1580.997	978.497	315.0707	14.21425	0.342044	1.272214	470.816	1203.005	0.264371	0.480445	352.1538	98.69467	1.740204	100	3.5
1581.15	978.65	315.0751	14.26861	0.33566	1.300713	469.4953	1186.51	0.258209	0.468119	377.6665	120.7789	2.121521	100	4.7
1581.302	978.802	315.0795	14.31215	0.335005	1.281029	468.0581	1166.825	0.257604	0.467401	379.4942	122.9138	2.152492	100	4.8
1581.455	978.955	315.0839	14.35995	0.338632	1.237629	466.3459	1151.659	0.261147	0.473579	366.0784	109.215	1.906263	100	4
1581.607	979.107	315.0883	14.38074	0.335768	1.336565	464.4001	1142.58	0.258399	0.466433	379.7321	123.199	2.147268	100	4.8
1581.759	979.259	315.0927	14.34146	0.336623	1.339863	461.3505	1136.762	0.259256	0.469071	374.9083	117.7331	2.057637	100	4.5
1581.912	979.412	315.0971	14.35296	0.332461	1.354686	458.6877	1129.681	0.255252	0.462566	389.4113	136.4111	2.382199	100	5.6
1582.064	979.564	315.1014	14.37156	0.339482	1.190842	455.8745	1118.683	0.262084	0.479058	357.2243	102.187	1.782248	100	3.6
1582.217	979.717	315.1058	14.42374	0.320589	1.319846	455.0698	1109.213	0.243827	0.437787	439.3734	270.0394	4.692828	100	13.1
1582.369	979.869	315.1102	14.403	0.320459	1.331504	456.0527	1098.664	0.24373	0.431033	448.8268	296.0608	5.152492	100	14.5
1582.521	980.021	315.1146	14.38744	0.321372	1.335234	458.7466	1098.943	0.24464	0.428495	451.0749	302.0705	5.262821	100	14.8
1582.674	980.174	315.119	14.43293	0.33165	1.164321	460.8845	1105.661	0.254607	0.451841	405.1019	166.8564	2.897949	100	7.1
1582.826	980.326	315.1234	14.45106	0.326609	1.143975	462.4573	1100.536	0.249758	0.445426	420.6459	214.6546	3.723486	100	9.7
1582.979	980.479	315.1278	14.42233	0.322457	1.142882	463.1515	1092.025	0.245773	0.439983	433.6573	253.6935	4.409471	100	12
1583.131	980.631	315.1322	14.42246	0.334782	1.059391	464.2758	1090.64	0.257725	0.46477	382.957	127.238	2.211543	100	4.9
1583.283	980.783	315.1366	14.3942	0.334525	1.063604	464.2912	1099.164	0.257504	0.462466	386.441	131.9952	2.298754	100	5.1
1583.436	980.936	315.141	14.34638	0.329924	1.134446	463.9746	1121.779	0.253078	0.45053	409.0211	176.8748	3.090637	100	7.7
1583.588	981.088	315.1453	14.28665	0.335341	1.119327	463.4347	1144.652	0.258352	0.463764	383.4799	127.9248	2.244663	100	5
1583.741	981.241	315.1497	14.25396	0.343564	1.070058	463.0109	1159.865	0.266353	0.482962	345.9461	94.84475	1.66805	100	3.1
1583.893	981.393	315.1541	14.29244	0.351475	1.008058	462.9742	1166.557	0.274064	0.50145	309.7911	78.37952	1.374784	100	2.2
1584.045	981.545	315.1585	14.33154	0.34613	1.058381	463.3306	1169.258	0.2689	0.498173	321.4393	82.87086	1.449621	100	2.5
1584.198	981.698	315.1629	14.36775	0.328586	1.224193	463.7822	1169.075	0.251924	0.474389	377.6882	120.8036	2.107872	100	4.8
1584.35	981.85	315.1673	14.4064	0.321914	1.322685	462.7995	1172.009	0.245501	0.46464	400.0056	155.4433	2.705063	100	6.8
1584.503	982.003	315.1717	14.36197	0.318957	1.362593	462.0902	1176.087	0.242673	0.455055	417.1352	201.7941	3.52256	100	9.5
1584.655	982.155	315.1761	14.34038	0.326144	1.322385	461.2762	1177.349	0.249646	0.464026	395.1329	145.989	2.552276	100	6.2
1584.807	982.307	315.1804	14.34057	0.343486	1.131849	461.1841	1181.375	0.266474	0.500297	321.8566	83.04298	1.451811	100	2.5
1584.96	982.46	315.1848	14.30422	0.332957	1.263537	460.9755	1178.02	0.256295	0.481382	362.0048	105.8187	1.854709	100	3.9
1585.112	982.612	315.1892	14.2673	0.332364	1.29254	460.4812	1167.146	0.25575	0.478885	366.204	109.3245	1.921131	100	4.2
1585.265	982.765	315.1936	14.23522	0.342155	1.246808	458.4818	1149.671	0.265267	0.496244	329.1156	86.18488	1.517933	100	2.8
1585.417	982.917	315.198	14.22731	0.334966	1.326792	455.9892	1136.109	0.258325	0.475983	366.6551	109.7206	1.933553	100	4.2
1585.569	983.069	315.2024	14.25553	0.321042	1.452256	453.7336	1120.729	0.244884	0.441839	432.3231	249.8093	4.393622	100	12.2
1585.722	983.222	315.2068	14.28731	0.316046	1.540702	452.9291	1109.602	0.240088	0.433869	449.9384	299.0406	5.24788	100	15.1
1585.874	983.374	315.2112	14.29022	0.320786	1.424367	454.0042	1108.317	0.244693	0.445336	427.7604	236.3241	4.146473	100	11.4
1586.027	983.527	315.2156	14.28991	0.313935	1.535014	454.7415	1114.975	0.238108	0.431148	456.4271	316.112	5.546599	100	16.2
1586.179	983.679	315.22	14.27531	0.312063	1.568777	454.3483	1119.293	0.236331	0.432524	456.9809	317.5439	5.577485	100	16.4
1586.331	983.831	315.2243	14.28366	0.330003	1.365674	451.4767	1125.468	0.253688	0.478618	369.4179	112.2351	1.970222	100	4.4
1586.484	983.984	315.2287	14.26277	0.324744	1.434375	450.507	1132.929	0.24863	0.471399	386.3596	131.879	2.318476	100	5.6
1586.636	984.136	315.2331	14.2474	0.322273	1.469517	451.2682	1144.147	0.24627	0.464419	399.25	153.8901	2.708386	100	6.9
1586.789	984.289	315.2375	14.23562	0.316051	1.61338	453.8568	1153.788	0.240289	0.446601	432.0914	249.1321	4.388277	100	12.4
1586.941	984.441	315.2419	14.28031	0.308174	1.743583	456.7724	1166.808	0.232723	0.427622	468.724	347.0166	6.093411	100	18.4
1587.093	984.593	315.2463	14.33398	0.312563	1.588799	458.9133	1186.673	0.236982	0.437762	448.8538	296.1335	5.180558	100	15.1
1587.246	984.746	315.2507	14.44215	0.306132	1.633827	461.3276	1197.331	0.230813	0.425482	474.3141	360.4724	6.259042	100	19
1587.398	984.898	315.2551	14.51694	0.30362	1.645545	462.7938	1207.601	0.228423	0.420912	483.9178	382.7756	6.61223	100	20.4
1587.551	985.051	315.2595	14.52968	0.300299	1.700475	463.9231	1211.022	0.225256	0.413544	498.456	414.7077	7.157666	100	22.5
1587.703	985.203	315.2638	14.55362	0.299576	1.711702	464.4424	1221.522	0.224588	0.410896	503.0313	424.3297	7.311816	100	23.1
1587.855	985.355	315.2682	14.61124	0.304723	1.720058	464.4672	1224.855	0.229569	0.421178	481.9693	378.3311	6.493646	100	19.9
1588.008	985.508	315.2726	14.69595	0.319786	1.552329	465.2197	1223.116	0.244121	0.447592	425.4365	229.3332	3.913698	100	10.8
1588.16	985.66	315.277	14.7359	0.327037	1.455145	467.2624	1214.404	0.251157	0.457213	402.45	160.7064	2.735172	100	6.8
1588.313	985.813	315.2814	14.86948	0.326773	1.431791	470.9114	1191.74	0.250929	0.45685	403.265	162.5459	2.741772	100	6.9

1588.465	985.965	315.2858	15.00922	0.335373	1.253833	474.0878	1185.003	0.259282	0.473035	369.4027	112.2209	1.875398	100	4
1588.617	986.117	315.2902	15.14095	0.331231	1.297892	474.9813	1166.712	0.255299	0.462721	389.1328	135.982	2.252865	100	5.2
1588.77	986.27	315.2946	15.23698	0.310973	1.647138	473.3075	1169.079	0.235758	0.41752	478.4765	370.2624	6.095955	100	18.2
1588.922	986.422	315.299	15.29334	0.282775	2.407594	469.5942	1164.38	0.208689	0.365059	588.2272	573.8032	9.412583	100	32.3
1589.075	986.575	315.3034	15.31879	0.262013	3.202869	467.1892	1164.562	0.18888	0.33507	656.9484	665.6713	10.90171	100	40.8
1589.227	986.727	315.3077	15.27959	0.244793	3.732771	468.8571	1181.659	0.172535	0.302996	723.7678	740.8412	12.16381	100	49.1
1589.379	986.879	315.3121	15.31533	0.264648	2.672368	474.0873	1208.067	0.191449	0.346321	637.8777	641.9934	10.51655	100	38.8
1589.532	987.032	315.3165	15.34703	0.31074	1.306124	480.9038	1232.88	0.235673	0.428342	463.6597	334.5114	5.468498	100	16.1
1589.684	987.184	315.3209	15.32769	0.363955	0.904004	486.6505	1264.263	0.287275	0.519004	267.3354	65.40263	1.070535	100	1.2
1589.837	987.337	315.3253	15.42623	0.380494	0.93741	489.2214	1309.586	0.303438	0.537507	219.4963	54.21553	0.881808	100	0.5
1589.989	987.489	315.3297	15.53268	0.379106	1.102968	489.7897	1347.107	0.30211	0.52503	238.5482	58.36854	0.942919	100	0.8
1590.141	987.641	315.3341	15.57678	0.372355	1.200961	489.1327	1399.172	0.295547	0.506505	273.168	66.96563	1.078779	100	1.3
1590.294	987.794	315.3385	15.62466	0.356096	1.399204	487.9286	1427.822	0.279737	0.477107	335.5554	89.24032	1.433267	100	2.5
1590.446	987.946	315.3428	15.67348	0.363683	1.390078	487.3397	1454.372	0.28715	0.506792	284.3609	70.12871	1.12286	100	1.5
1590.599	988.099	315.3473	15.71673	0.356919	1.513466	487.7569	1478.606	0.280593	0.498083	305.4277	76.83195	1.226852	100	1.9
1590.751	988.251	315.3516	15.75719	0.361254	1.47176	488.8944	1492.095	0.28484	0.502652	293.2612	72.82418	1.159915	100	1.7
1590.903	988.403	315.356	15.75624	0.354931	1.534844	490.3648	1493.071	0.278715	0.484301	327.0385	85.25574	1.358018	100	2.3
1591.056	988.556	315.3604	15.81094	0.354314	1.532387	491.8883	1477.789	0.278143	0.485028	326.8235	85.16101	1.351883	100	2.3
1591.208	988.708	315.3648	15.85705	0.346261	1.705045	492.9451	1465.133	0.270347	0.473225	353.8715	99.83975	1.580361	100	3.2
1591.361	988.861	315.3692	15.90746	0.359072	1.608533	491.3109	1441.782	0.282828	0.505201	292.5204	72.59292	1.145486	100	1.7
1591.513	989.013	315.3736	16.01126	0.350966	1.820663	485.4999	1433.576	0.274973	0.488028	327.0585	85.26457	1.336836	100	2.4
1591.665	989.165	315.378	16.08163	0.338235	2.150973	477.1519	1421.746	0.262644	0.460368	382.244	126.3161	1.971936	100	4.6
1591.818	989.318	315.3824	16.08846	0.319586	2.798316	469.9617	1401.402	0.244628	0.421756	460.3899	326.2734	5.091419	100	14.9
1591.97	989.47	315.3867	16.09495	0.303994	3.757491	469.1234	1387.977	0.229624	0.392183	521.9052	462.0385	7.207218	100	23
1592.123	989.623	315.3911	16.10114	0.298331	2.169566	472.9013	1379.127	0.224205	0.381714	543.8325	502.2297	7.831273	100	25.1
1592.275	989.775	315.3955	16.09751	0.32265	2.440607	479.0596	1387.544	0.247673	0.43616	436.3105	261.3396	4.076027	100	11.5
1592.427	989.927	315.3999	16.12951	0.33968	1.963841	484.0254	1386.649	0.264186	0.469306	367.7821	110.7275	1.723619	100	3.8
1592.58	990.08	315.4043	16.0716	0.371498	1.58127	487.2114	1413.884	0.29516	0.537129	231.4423	56.77835	0.886984	100	0.9
1592.732	990.232	315.4087	16.07841	0.345081	1.987125	488.0592	1446.156	0.269481	0.481738	343.3186	93.33713	1.457509	100	2.9
1592.885	990.385	315.4131	16.10355	0.355585	1.775917	487.7339	1494.388	0.279715	0.501939	301.3171	75.43064	1.176088	100	1.9
1593.037	990.537	315.4175	16.15549	0.34987	1.840627	486.4193	1489.881	0.274188	0.483983	333.7237	88.34256	1.373052	100	2.6
1593.189	990.689	315.4218	16.15438	0.363366	1.702452	485.882	1496.328	0.287345	0.511465	277.6429	68.20284	1.060118	100	1.5
1593.342	990.842	315.4262	16.05064	0.341657	2.037707	485.7961	1487.811	0.266271	0.466215	369.169	112.0022	1.752047	100	3.9
1593.494	990.994	315.4306	16.12955	0.338532	2.140333	486.4841	1488.836	0.263269	0.462475	378.4734	121.7095	1.894725	100	4.4
1593.647	991.147	315.435	16.0491	0.351028	1.922791	487.2305	1478.156	0.275425	0.491883	321.1155	82.73791	1.294421	100	2.4
1593.799	991.299	315.4394	15.96969	0.374357	1.61309	488.3087	1475.187	0.298173	0.542058	220.4812	54.42184	0.855614	100	0.8
1593.951	991.451	315.4438	15.89184	0.375143	1.590526	488.8802	1466.145	0.298969	0.544276	216.3222	53.55646	0.846095	100	0.8
1594.104	991.604	315.4482	15.85568	0.373387	1.639815	488.7819	1451.197	0.297283	0.540389	224.0129	55.16887	0.873545	100	0.9
1594.256	991.756	315.4526	15.86171	0.358131	1.884293	488.0664	1449.356	0.282445	0.507202	290.2874	71.90373	1.13811	100	1.8
1594.409	991.909	315.457	15.88518	0.359823	1.815896	486.6916	1447.515	0.284119	0.510515	283.4055	69.84949	1.103994	100	1.7
1594.561	992.061	315.4614	15.93214	0.350081	1.85319	485.4864	1448.286	0.274673	0.489046	326.0676	84.83008	1.336876	100	2.5
1594.713	992.213	315.4657	15.94059	0.356168	1.763363	485.0661	1444.424	0.280618	0.500461	302.111	75.69727	1.192337	100	2
1594.866	992.366	315.4701	15.85496	0.353662	1.797546	485.3085	1446.013	0.27821	0.492892	315.8805	80.65606	1.277245	100	2.2
1595.018	992.518	315.4745	15.82041	0.358916	1.810789	485.6618	1437.323	0.283348	0.49757	302.3325	75.77199	1.202508	100	2
1595.171	992.671	315.4789	15.79239	0.354243	1.82484	486.1288	1417.461	0.27883	0.480168	332.5823	87.79505	1.395778	100	2.6
1595.323	992.823	315.4833	15.82863	0.364231	1.667959	486.8169	1405.569	0.288579	0.50155	289.6218	71.70055	1.137338	100	1.7
1595.475	992.975	315.4877	15.77357	0.369465	1.606483	487.5049	1403.544	0.293709	0.515396	263.435	64.38639	1.024857	100	1.3
1595.628	993.128	315.4921	15.72765	0.364871	1.699657	487.8552	1408.008	0.289259	0.509633	277.5295	68.17105	1.088248	100	1.6
1595.78	993.28	315.4965	15.68248	0.359069	1.770438	488.0427	1422.873	0.283637	0.497013	302.7036	75.8975	1.215058	100	2
1595.933	993.433	315.5009	15.68876	0.346222	1.931367	488.2885	1448.721	0.271177	0.472172	354.1796	100.0492	1.601092	100	3.3
1596.085	993.585	315.5052	15.74468	0.350244	1.928747	488.866	1476.098	0.275111	0.484756	331.3838	87.2296	1.391049	100	2.7
1596.237	993.737	315.5096	15.80285	0.356325	1.880849	489.6646	1508.529	0.281051	0.500292	301.746	75.57445	1.200809	100	2
1596.39	993.89	315.514	15.75235	0.356728	1.887497	490.2907	1516.612	0.281471	0.505251	294.323	73.15799	1.166116	100	1.9
1596.542	994.042	315.5184	15.72052	0.353269	1.883635	490.1347	1526.796	0.278135	0.500751	305.138	76.73147	1.225542	100	2.1
1596.695	994.195	315.5228	15.66895	0.352465	1.897951	489.0308	1512.359	0.277381	0.501177	305.589	76.88803	1.232059	100	2.2
1596.847	994.347	315.5272	15.63036	0.354929	1.858186	487.3767	1506.035	0.279805	0.506179	295.3425	73.48118	1.180361	100	2
1596.999	994.499	315.5316	15.61614	0.345858	2.079836	486.0653	1497.201	0.271019	0.486197	335.043	88.98674	1.430741	100	2.9
1597.152	994.652	315.536	15.60067	0.334268	2.283421	485.8073	1497.47	0.259807	0.461219	384.9836	129.9524	2.091471	100	5.1
1597.304	994.804	315.5404	15.55375	0.338662	2.28133	485.8259	1495.168	0.264094	0.468788	368.6234	111.4959	1.799815	100	4.1
1597.457	994.957	315.5448	15.55582	0.328596	2.569443	486.0687	1497.033	0.254372	0.445406	414.3054	192.3941	3.105338	100	8.4
1597.609	995.109	315.5491	15.59463	0.331279	2.656549	486.4248	1504.586	0.256997	0.452586	400.7762	157.0625	2.528847	100	6.6
1597.761	995.261	315.5535	15.5967	0.328724	2.558028	486.9995	1510.546	0.254553	0.446995	411.8633	184.9124	2.976901	100	8
1597.914	995.414	315.5579	15.6351	0.332058	2.411835	487.3465	1516.127	0.257807	0.455985	394.9668	145.689	2.339767	100	5.9
1598.066	995.566	315.5623	15.63718	0.330941	2.419975	487.0273	1500.318	0.256754	0.454705	398.1862	151.7593	2.436964	100	6.2
1598.219	995.719	315.5667	15.63925	0.340731	2.27514	486.2625	1488.959	0.266268	0.48	350.1504	97.40476	1.563949	100	3.4
1598.371	995.871	315.5711	15.64133	0.341405	2.248353	485.3879	1470.205	0.266949	0.482786	345.3656	94.50582	1.517222	100	3.2
1598.523	996.023	315.5755	15.66244	0.332605	2.314174	484.1188	1479.282	0.258449	0.461955	385.8426	131.147	2.102685	100	5.1
1598.676	996.176	315.5799	15.72088	0.335256	2.248214	483.0215	1478.894	0.261044	0.465324	377.6129	120.7176	1.928369	100	4.5
1598.828	996.328	315.5842	15.67923	0.334239	2.280265	482.0396	1483.003	0.260087	0.461738	383.8815	128.4586	2.057447	100	5
1598.981	996.481	315.5887	15.71599	0.335663	2.282012	481.3914	1479.546	0.261494	0.46492	377.5485	120.6443	1.927839	100	4.6
1599.133	996.633	315.593	15.72554	0.32423	2.466601	481.1366	1472.096	0.250458	0.438085	429.8105	242.4224	3.871513	100	10.8
1599.285	996.785	315.5974	15.75714	0.334158	2.169536	481.7111	1457.597	0.260092	0.457683	389.4699	136.5019	2.175651	100	5.3
1599.438	996.938	315.6018	15.76597	0.316739	2.566389	482.0643	1448.777	0.243278	0.415978	470.2269	350.6693	5.586152	100	16.6
1599.59	997.09	315.6062	15.79568	0.326376	2.331048	482.307	1446.34	0.252616	0.44366	419.1393	208.9665	3.322675	100	9
1599.743	997.243	315.6106	15.82168	0.324884	2.454872	482.4391	1441.838	0.251202	0.445549	418.484	206.5722	3.279304	100	9
1599.895	997.395	315.615	15.78135	0.338824	2.200464	482.8539	1433.485	0.264725	0.478019	355.013	100.6218	1.601415	100	3.5
1600.047	997.547	315.6194	15.71118	0.331115	2.45678	483.8799	1425.46	0.257285	0.458326	392.4567	141.3213	2.259126	100	5.7
1600.2	997.7	315.6238	15.76655	0.343426	2.215293	485.2374	1420.816	0.269244	0.480369	345.5338	94.60368	1.507071	100	3.2
1600.352	997.852	315.6281	15.80623	0.358324	1.978399	486.4754	1415.689	0.28375	0.507419	288.1873	71.26602	1.132487	100	1.9
1600.505	998.005	315.6325	15.79379	0.361768	1.951484	486.6537	1410.744	0.28713	0.510457	279.3305	68.67861	1.092235	100	1.7

1600.657	998.157	315.6369	15.73076	0.361894	1.947805	486.0016	1406.225	0.287281	0.509078	281.0251	69.16167	1.104293	100	1.7
1600.809	998.309	315.6413	15.7771	0.34944	2.092087	485.1333	1406.327	0.275196	0.481035	336.4023	89.66369	1.4275	100	2.8
1600.962	998.462	315.6457	15.81717	0.34909	2.10173	485.0474	1401.674	0.274883	0.480594	337.4419	90.1908	1.43231	100	2.8
1601.114	998.614	315.6501	15.94548	0.347644	1.947553	485.846	1398.151	0.273506	0.478046	342.858	93.0796	1.466441	100	2.9
1601.267	998.767	315.6545	15.93517	0.35784	1.782357	486.4143	1388.269	0.283446	0.500604	298.0111	74.33988	1.171966	100	1.9
1601.419	998.919	315.6589	16.01097	0.361678	1.709499	486.1378	1372.088	0.287209	0.506011	285.3557	70.42144	1.10501	100	1.7
1601.571	999.071	315.6632	16.05017	0.350377	1.932929	483.8466	1347.806	0.276245	0.478589	338.3294	90.64745	1.418969	100	2.7
1601.724	999.224	315.6677	16.1059	0.331779	2.183717	479.003	1325.369	0.258234	0.436974	420.6125	214.5323	3.346791	100	8.9
1601.876	999.376	315.672	16.14279	0.336601	2.034223	473.7817	1305.589	0.262933	0.453673	391.0837	139.0571	2.164479	100	5.2
1602.029	999.529	315.6764	16.18495	0.326907	2.03993	470.0346	1294.813	0.253576	0.439693	423.2889	222.7979	3.459063	100	9.3
1602.181	999.681	315.6808	16.19369	0.335906	1.79078	470.0807	1288.815	0.262315	0.465014	376.2865	119.2294	1.85014	100	4.1
1602.333	999.833	315.6852	16.26929	0.338788	1.62831	473.1737	1289.609	0.265137	0.471125	363.959	107.4108	1.659123	100	3.5
1602.486	999.986	315.6896	16.34519	0.353054	1.4761	477.0929	1298.254	0.279014	0.498912	306.462	77.19296	1.186917	100	1.9
1602.638	1000.138	315.694	16.36151	0.355947	1.43278	479.5086	1311.45	0.281855	0.501791	298.5687	74.52169	1.144731	100	1.7
1602.791	1000.291	315.6984	16.36421	0.338848	1.659851	481.3623	1328.293	0.265278	0.463201	374.6979	117.5089	1.804788	100	3.9
1602.943	1000.443	315.7028	16.35345	0.340769	1.56877	482.379	1346.226	0.267169	0.465401	369.0537	111.8946	1.719694	100	3.6
1603.095	1000.595	315.7071	16.43909	0.344094	1.469416	482.7231	1360.486	0.270422	0.47093	356.934	101.9776	1.559252	100	3
1603.248	1000.748	315.7115	16.43329	0.360052	1.29417	481.9582	1373.909	0.285961	0.503111	291.0809	72.1473	1.10354	100	1.5
1603.4	1000.9	315.7159	16.42376	0.366633	1.245484	480.868	1377.158	0.292399	0.511525	270.585	66.2668	1.014186	100	1.2
1603.553	1001.053	315.7203	16.46902	0.370094	1.203097	480.954	1375.536	0.295801	0.515739	260.0747	63.52831	0.969653	100	1
1603.705	1001.205	315.7247	16.4552	0.376919	1.175426	482.4252	1369.487	0.302489	0.52806	233.8427	57.3098	0.875472	100	0.7
1603.857	1001.357	315.7291	16.54491	0.372913	1.20376	484.0041	1362.328	0.298606	0.520963	248.9946	60.80395	0.9239	100	0.9
1604.01	1001.51	315.7335	16.63514	0.386612	1.062261	485.0177	1353.239	0.312017	0.549414	191.2265	48.63997	0.735135	100	0.2
1604.162	1001.662	315.7379	16.7259	0.370701	1.110631	485.0271	1341.477	0.296504	0.516493	258.0643	63.02232	0.947434	100	0.9
1604.315	1001.815	315.7423	16.81712	0.34726	1.266107	484.0349	1328.227	0.273719	0.469903	353.8014	99.79228	1.492227	100	2.7
1604.467	1001.967	315.7466	16.93781	0.344832	1.291657	482.2043	1319.838	0.271389	0.471497	354.8176	100.4867	1.49211	100	2.8
1604.619	1002.119	315.751	16.96342	0.345965	1.365116	479.7701	1316.594	0.272517	0.478192	344.0217	93.73403	1.389795	100	2.5
1604.772	1002.272	315.7554	17.08187	0.355659	1.298492	477.7326	1313.671	0.281965	0.49895	302.3377	75.77376	1.115866	100	1.6
1604.924	1002.424	315.7598	17.18011	0.347759	1.43127	476.6391	1315.667	0.274314	0.481683	336.7237	89.82577	1.315399	100	2.3
1605.077	1002.577	315.7642	17.28013	0.344583	1.452015	476.4917	1317.453	0.271259	0.475835	349.0101	96.69139	1.407925	100	2.6
1605.229	1002.729	315.7686	17.30614	0.353923	1.347545	476.2797	1322.078	0.28036	0.497315	306.8091	77.31489	1.124139	100	1.6
1605.381	1002.881	315.773	17.43465	0.366323	1.201509	475.515	1322.061	0.292458	0.523305	254.2471	62.07613	0.89607	100	0.9
1605.534	1003.034	315.7774	17.4389	0.366816	1.152566	474.4155	1324.79	0.292967	0.524527	251.8597	61.49372	0.887461	100	0.8
1605.686	1003.186	315.7818	17.49504	0.36344	1.142251	473.2116	1325.658	0.289705	0.518418	264.7904	64.73702	0.931346	100	0.9
1605.839	1003.339	315.7862	17.5177	0.355139	1.216221	472.9014	1321.871	0.281654	0.507286	291.2627	72.20329	1.037459	100	1.3
1605.991	1003.491	315.7905	17.6443	0.350444	1.270965	473.1471	1315.403	0.277118	0.501994	304.8261	76.62359	1.093264	100	1.6
1606.143	1003.643	315.7949	17.65546	0.344718	1.330133	474.0563	1299.748	0.271585	0.492325	325.8056	84.71609	1.207995	100	2
1606.296	1003.796	315.7993	17.66918	0.345255	1.325554	474.5201	1300.898	0.272133	0.491267	326.5081	85.02255	1.21146	100	2
1606.448	1003.948	315.8037	17.57604	0.325294	1.594292	474.7598	1298.156	0.252823	0.445258	416.6485	200.1184	2.86622	100	7.4
1606.601	1004.101	315.8081	17.58738	0.331208	1.492832	474.7782	1298.966	0.258572	0.456302	393.4736	143.0543	2.047646	100	4.7
1606.753	1004.253	315.8125	17.5842	0.338134	1.387493	474.7996	1302.486	0.265309	0.466861	369.6055	112.4117	1.609338	100	3.3
1606.905	1004.405	315.8169	17.62514	0.331988	1.466689	475.2145	1308.733	0.259383	0.451548	398.9159	153.2139	2.188528	100	5.1
1607.058	1004.558	315.8213	17.62329	0.33406	1.47609	476.2495	1322.212	0.261417	0.456478	389.3043	136.2459	1.946378	100	4.4
1607.21	1004.71	315.8256	17.67245	0.345406	1.335182	478.6699	1329.402	0.272447	0.480826	340.483	91.78217	1.307631	100	2.3
1607.363	1004.863	315.8301	17.78106	0.366161	1.154032	481.3698	1340.45	0.292662	0.52064	257.6427	62.91689	0.891048	100	0.8
1607.515	1005.015	315.8344	17.91342	0.360502	1.248249	484.2293	1351.732	0.287177	0.505526	286.0693	70.63268	0.993122	100	1.2
1607.667	1005.167	315.8388	17.94818	0.35474	1.37292	486.1398	1366.349	0.2816	0.490798	314.0919	79.97219	1.12233	100	1.7
1607.82	1005.32	315.8432	17.97372	0.345119	1.46448	486.9906	1376.286	0.272279	0.469252	356.6868	101.8003	1.426702	100	2.7
1607.972	1005.472	315.8476	18.11264	0.361282	1.272561	487.2303	1379.107	0.28802	0.502464	289.1315	71.55151	0.995294	100	1.2
1608.125	1005.625	315.852	18.16144	0.359555	1.249566	487.2455	1378.017	0.286367	0.49896	296.2493	73.77087	1.023493	100	1.3
1608.277	1005.777	315.8564	18.23395	0.369994	1.152963	487.0397	1392.298	0.296566	0.521659	250.8498	61.24946	0.846494	100	0.7
1608.429	1005.929	315.8608	18.17021	0.365572	1.192133	486.6099	1401.234	0.292282	0.514024	267.2976	65.39267	0.906849	100	0.9
1608.582	1006.082	315.8652	18.16559	0.364983	1.215335	485.9647	1406.92	0.291737	0.511958	270.9013	66.3518	0.920388	100	0.9
1608.734	1006.234	315.8695	18.16268	0.358593	1.255297	485.9864	1409.071	0.285542	0.49629	301.0718	75.34866	1.045362	100	1.4
1608.887	1006.387	315.8739	18.0344	0.347405	1.374676	486.3887	1410.127	0.274693	0.466326	357.3942	102.3101	1.429262	100	2.6
1609.039	1006.539	315.8783	18.14529	0.336292	1.540143	486.0632	1403.14	0.263941	0.440271	408.1881	174.6465	2.425303	100	5.8
1609.191	1006.691	315.8827	17.9651	0.345395	1.522661	484.6289	1399.604	0.272797	0.468915	356.4379	101.6225	1.425025	100	2.7
1609.344	1006.844	315.8871	17.96739	0.352265	1.456946	482.9764	1390.227	0.279499	0.490804	316.9831	81.08435	1.136896	100	1.8
1609.496	1006.996	315.8915	17.79535	0.367481	1.293935	481.9414	1393.047	0.294337	0.523674	251.1443	61.32057	0.867901	100	0.8
1609.649	1007.149	315.8959	17.68488	0.378481	1.18203	482.0243	1390.679	0.305098	0.540255	213.4122	52.95994	0.754149	100	0.4
1609.801	1007.301	315.9003	17.58324	0.370259	1.224675	483.1669	1392.178	0.297101	0.520856	251.2191	61.33864	0.878404	100	0.8
1609.953	1007.453	315.9046	17.66343	0.357112	1.32393	485.0836	1388.666	0.284323	0.495733	303.5233	76.17625	1.08606	100	1.5
1610.106	1007.606	315.9091	17.58419	0.364537	1.203482	486.997	1394.033	0.291579	0.515773	265.8534	65.01387	0.931008	100	1
1610.258	1007.758	315.9134	17.50439	0.355803	1.288135	488.4653	1408.389	0.283105	0.497444	302.8425	75.94462	1.092398	100	1.5
1610.411	1007.911	315.9178	17.4231	0.351761	1.33317	489.4268	1432.082	0.279203	0.490153	318.2882	81.59813	1.17909	100	1.8
1610.563	1008.063	315.9222	17.39946	0.355373	1.336686	489.6561	1453.007	0.282742	0.497339	303.4881	76.16425	1.102047	100	1.6
1610.715	1008.215	315.9266	17.31362	0.368228	1.22063	488.6006	1459.28	0.295287	0.523468	250.1182	61.0733	0.887991	100	0.8
1610.868	1008.368	315.931	17.3462	0.358918	1.302435	485.9283	1455.767	0.286247	0.500405	294.4216	73.18915	1.062208	100	1.4
1611.02	1008.52	315.9354	17.33657	0.359039	1.246491	481.874	1445.012	0.286393	0.503212	290.3452	71.92143	1.044389	100	1.3
1611.173	1008.673	315.9398	17.38783	0.364578	1.251877	478.1085	1454.346	0.291814	0.51754	263.0926	64.29824	0.931007	100	1
1611.325	1008.825	315.9442	17.34701	0.361776	1.399859	476.2471	1459.019	0.289112	0.515916	269.0619	65.85972	0.955824	100	1.1
1611.477	1008.977	315.9485	17.42973	0.326721	2.034141	476.7387	1462.414	0.255119	0.4435	415.9054	197.608	2.8546	100	7.5
1611.63	1009.13	315.9529	17.51077	0.314504	2.349646	480.1755	1454.373	0.243346	0.42381	459.3254	323.563	4.653009	100	13.7
1611.782	1009.282	315.9573	17.59969	0.323265	2.199572	485.3263	1441.688	0.251833	0.446116	416.8298	200.7398	2.872517	100	7.7
1611.935	1009.435	315.9617	17.67617	0.335127	1.911912	489.5098	1424.049	0.263339	0.47274	364.2111	107.6211	1.533528	100	3.3
1612.087	1009.587	315.9661	17.59569	0.329232	1.888801	490.9441	1399.092	0.257659	0.45621	394.8605	145.4979	2.082536	100	5
1612.239	1009.739	315.9705	17.60569	0.343115	1.66337	488.3549	1362.391	0.27114	0.483608	338.449	90.70949	1.297635	100	2.4
1612.392	1009.892	315.9749	17.70567	0.333862	1.772798	480.6732	1323.041	0.262196	0.463792	378.1356	121.3176	1.72594	100	3.8
1612.544	1010.044	315.9793	17.59147	0.334434	1.727991	467.9597	1285.151	0.262779	0.471616	366.5359	109.6155	1.569368	100	3.3
1612.697	1010.197	315.9837	17.48162	0.330475	1.606946	455.4751	1249.621	0.258973	0.469675	374.4662	117.2635	1.6892	100	3.7

1612.849	1010.349	315.9881	17.3951	0.334188	1.366699	449.1693	1220.386	0.262595	0.479253	356.2495	101.4886	1.469093	100	2.9
1613.001	1010.501	315.9924	17.30561	0.336553	1.209178	455.1772	1195.338	0.264915	0.484384	345.9674	94.85722	1.38007	100	2.5
1613.154	1010.654	315.9968	17.22693	0.333759	1.160676	470.2057	1180.797	0.262235	0.478394	357.9317	102.7024	1.500913	100	2.9
1613.306	1010.806	316.0012	17.14979	0.341996	1.135934	490.5787	1175.154	0.270247	0.49286	326.9118	85.19989	1.250633	100	2
1613.459	1010.959	316.0056	17.10011	0.337397	1.149697	507.3765	1183.968	0.265815	0.475724	356.6765	101.7928	1.498473	100	2.8
1613.611	1011.111	316.01	17.06059	0.330148	1.094178	512.8221	1200.025	0.258822	0.455001	394.9247	145.6132	2.148442	100	4.9
1613.763	1011.263	316.0144	17.09004	0.329737	0.943043	506.369	1217.854	0.258452	0.459997	388.5407	135.0802	1.989687	100	4.3
1613.916	1011.416	316.0188	17.19788	0.36882	0.704357	494.5839	1239.09	0.296447	0.549603	212.4522	52.76476	0.772437	100	0.3
1614.068	1011.568	316.0232	17.29029	0.38867	0.687098	486.3216	1260.068	0.315862	0.589584	130.4838	38.58035	0.561836	77.9	0
1614.221	1011.721	316.0276	17.46444	0.401954	0.742071	483.0936	1281.931	0.328902	0.604731	91.5866	33.27036	0.479783	65.3	0
1614.373	1011.873	316.0319	17.45338	0.39801	0.830956	478.9594	1298.288	0.325063	0.585291	123.7109	37.59807	0.542534	76.7	0
1614.525	1012.025	316.0363	17.59117	0.381769	0.943713	479.1439	1307.924	0.309198	0.554919	187.5188	47.95505	0.686689	100	0.1
1614.678	1012.178	316.0407	17.49257	0.351397	1.139169	479.2726	1310.045	0.279625	0.501724	301.7391	75.57213	1.088128	100	1.5
1614.83	1012.33	316.0451	17.6307	0.314244	1.534627	479.2788	1305.32	0.243677	0.422279	460.9807	327.7716	4.683328	100	13.5
1614.983	1012.483	316.0495	17.65156	0.320877	1.478074	477.3929	1301.478	0.250108	0.454439	407.7254	173.4325	2.475239	100	6.3
1615.135	1012.635	316.0539	17.64902	0.308743	1.698644	475.1938	1297.018	0.238429	0.438454	445.9012	288.139	4.112962	100	12
1615.287	1012.787	316.0583	17.54718	0.319499	1.567654	474.6686	1299.042	0.248832	0.470319	387.5726	133.6364	1.918401	100	4.6
1615.44	1012.94	316.0627	17.50965	0.333431	1.390098	476.2565	1305.475	0.262333	0.483579	350.6425	97.71722	1.405725	100	2.7
1615.592	1013.092	316.067	17.50506	0.338452	1.366992	478.3328	1317.389	0.267225	0.482501	345.3773	94.51264	1.359989	100	2.5
1615.745	1013.245	316.0715	17.41117	0.342901	1.32654	479.3403	1326.036	0.271568	0.488857	330.6132	86.87101	1.256641	100	2.1
1615.897	1013.397	316.0758	17.43893	0.339964	1.450211	478.7444	1334.465	0.268746	0.481405	344.7907	94.17349	1.360169	100	2.5
1616.049	1013.549	316.0802	17.44121	0.355127	1.294922	477.7492	1343.705	0.2835	0.511953	282.2753	69.52153	1.003998	100	1.3
1616.202	1013.702	316.0846	17.41766	0.338811	1.500771	475.9739	1352.026	0.267685	0.475623	354.2354	100.0872	1.447344	100	2.8
1616.354	1013.854	316.089	17.38171	0.332104	1.544441	473.139	1358.811	0.261214	0.460692	383.7693	128.3089	1.859231	100	4.2
1616.507	1014.007	316.0934	17.4441	0.313763	1.769715	469.9795	1357.182	0.243517	0.428328	452.8529	306.7762	4.42976	100	12.8
1616.659	1014.159	316.0978	17.33108	0.321407	1.653366	467.5641	1357.725	0.250924	0.461435	396.9446	149.3527	2.170404	100	5.4
1616.811	1014.311	316.1022	17.35024	0.317066	1.731482	467.764	1357.401	0.24676	0.455747	410.5412	181.0876	2.628762	100	6.9
1616.964	1014.464	316.1066	17.24325	0.323505	1.655927	469.7971	1362.572	0.253006	0.463542	391.1643	139.1877	2.032828	100	4.9
1617.116	1014.616	316.1109	17.15212	0.328065	1.575642	472.3282	1365.104	0.257444	0.457257	393.7126	143.4687	2.106292	100	5
1617.269	1014.769	316.1153	17.08239	0.336189	1.448653	474.9081	1371.01	0.265337	0.468461	367.3593	110.3468	1.626529	100	3.4
1617.421	1014.921	316.1197	17.06808	0.340299	1.323603	476.4928	1373.424	0.269348	0.47691	350.1637	97.41314	1.437083	100	2.7
1617.573	1015.073	316.1241	16.97241	0.349009	1.241958	478.2867	1373.241	0.277829	0.49465	313.9782	79.92916	1.18569	100	1.8
1617.726	1015.226	316.1285	16.97456	0.34632	1.20208	478.858	1371.211	0.275246	0.488826	325.5819	84.61909	1.255121	100	2
1617.878	1015.378	316.1329	17.13433	0.351326	1.166371	478.4007	1369.107	0.280136	0.500798	302.3119	75.76505	1.11352	100	1.6
1618.031	1015.531	316.1373	17.12579	0.356705	1.098983	474.9632	1369.867	0.285394	0.515777	274.3842	67.29848	0.989582	100	1.1
1618.183	1015.683	316.1417	17.06366	0.34767	1.231139	472.2542	1364.912	0.27664	0.499191	309.3529	78.22114	1.154316	100	1.7
1618.335	1015.835	316.146	17.01828	0.331918	1.356288	470.3869	1358.757	0.261393	0.466127	376.0234	118.9398	1.75982	100	3.8
1618.488	1015.988	316.1505	16.95667	0.343574	1.212122	469.8524	1351.039	0.272719	0.49351	322.6049	83.35383	1.237708	100	2
1618.64	1016.14	316.1548	16.90793	0.348936	1.13603	469.9783	1343.144	0.277952	0.503848	301.1163	75.3635	1.122244	100	1.6
1618.793	1016.293	316.1592	16.87921	0.350365	1.144931	469.8186	1334.64	0.279369	0.504988	297.588	74.20248	1.106815	100	1.5
1618.945	1016.445	316.1636	16.80876	0.343065	1.240741	468.3811	1327.296	0.272308	0.488997	329.4001	86.31412	1.292794	100	2.2
1619.097	1016.597	316.168	16.65655	0.345786	1.276384	466.2771	1319.904	0.274976	0.497989	313.3084	79.67675	1.204123	100	1.9
1619.25	1016.75	316.1724	16.65874	0.349219	1.213292	464.1824	1313.354	0.278338	0.507136	296.0462	73.70579	1.113755	100	1.6
1619.402	1016.902	316.1768	16.67237	0.323296	1.404294	463.2579	1309.294	0.253246	0.44776	412.6113	187.1451	2.825675	100	7.2
1619.555	1017.055	316.1812	16.52522	0.311009	1.493846	463.2854	1305.912	0.241414	0.415137	473.9595	359.6293	5.477663	100	16.2
1619.707	1017.207	316.1856	16.40292	0.325824	1.314347	464.1484	1302.534	0.255745	0.449513	406.7434	170.9109	2.622376	100	6.5
1619.859	1017.359	316.1899	16.29864	0.341442	1.169072	465.8391	1299.391	0.270899	0.487255	333.7483	88.35444	1.364241	100	2.4
1620.012	1017.512	316.1943	16.24257	0.344012	1.15881	467.3029	1296.426	0.27342	0.493671	321.4151	82.86092	1.283792	100	2.1
1620.164	1017.664	316.1987	16.27724	0.335705	1.2284	467.9294	1294.137	0.265392	0.473019	360.9931	105.02	1.62371	100	3.2
1620.317	1017.817	316.2031	16.22089	0.323331	1.369263	467.7697	1296.675	0.253446	0.441899	420.4246	213.8079	3.317049	100	8.7
1620.469	1017.969	316.2075	16.32312	0.321346	1.346901	466.2168	1296.614	0.251555	0.437342	429.321	240.9722	3.715416	100	10
1620.621	1018.121	316.2119	16.22863	0.308137	1.522886	463.9426	1296.272	0.23884	0.411987	481.8594	378.0793	5.862961	100	17.6
1620.774	1018.274	316.2163	16.20595	0.310928	1.55492	461.0523	1288.267	0.241557	0.425144	459.9519	325.1599	5.049357	100	14.8
1620.926	1018.426	316.2207	16.1524	0.294995	1.704367	457.8428	1285.134	0.226253	0.389665	530.0341	477.364	7.437271	100	23.9
1621.079	1018.579	316.2251	16.32161	0.311009	1.43162	455.6434	1281.557	0.24169	0.428604	454.994	312.3884	4.817214	100	14
1621.231	1018.731	316.2295	16.28554	0.302086	1.487861	455.5114	1276.075	0.233125	0.415585	484.7802	384.7298	5.9458	100	18.2
1621.383	1018.883	316.2338	16.22852	0.303162	1.568267	457.5016	1269.985	0.234187	0.429409	464.2378	335.9543	5.21007	100	15.8
1621.536	1019.036	316.2382	16.14417	0.311951	1.533647	461.4759	1267.745	0.242681	0.451918	421.4537	217.1552	3.385118	100	9.4
1621.688	1019.188	316.2426	16.12891	0.323586	1.382271	464.8885	1268.144	0.253941	0.466844	385.3171	130.4131	2.034866	100	4.8
1621.841	1019.341	316.247	15.99281	0.326711	1.346677	466.3372	1268.816	0.256989	0.461372	388.662	135.2638	2.128331	100	5
1621.993	1019.493	316.2514	15.96678	0.338688	1.193202	465.2815	1266.46	0.268614	0.482685	343.2075	93.27484	1.470033	100	2.7
1622.145	1019.645	316.2558	15.96884	0.354552	1.080353	462.9626	1270.761	0.284045	0.519809	270.682	66.29285	1.04467	100	1.3
1622.298	1019.798	316.2602	15.94035	0.362275	1.030289	461.2639	1272.83	0.291588	0.538511	234.4645	57.44841	0.906907	100	0.8
1622.45	1019.95	316.2646	15.90229	0.356792	1.087935	461.1719	1275.526	0.286279	0.528618	255.4428	62.37052	0.986953	100	1.1
1622.603	1020.103	316.269	15.98867	0.348558	1.150476	461.5803	1277.42	0.278302	0.510971	290.804	72.06212	1.134233	100	1.6
1622.755	1020.255	316.2733	15.98344	0.334393	1.332143	461.7061	1276.08	0.264589	0.480009	352.4546	98.89255	1.557057	100	3.1
1622.907	1020.407	316.2777	15.93106	0.342395	1.267139	461.2822	1275.051	0.272375	0.494941	321.1043	82.73333	1.306883	100	2.2
1623.06	1020.56	316.2821	15.79025	0.327055	1.443704	461.2484	1273.353	0.257543	0.458436	391.9499	140.4757	2.238614	100	5.3
1623.212	1020.712	316.2865	15.61507	0.317084	1.506967	461.7152	1269.918	0.247936	0.436654	435.2664	258.3429	4.16275	100	11.7
1623.365	1020.865	316.2909	15.5533	0.313481	1.49164	462.609	1268.26	0.244487	0.432951	445.1356	286.0467	4.627356	100	13.3
1623.517	1021.017	316.2953	15.56052	0.315836	1.443709	461.4458	1265.97	0.246786	0.443632	427.2225	234.7133	3.79524	100	10.5
1623.669	1021.169	316.2997	15.55253	0.3214	1.40052	458.6068	1266.15	0.252186	0.455377	403.5642	163.2323	2.640791	100	6.7
1623.822	1021.322	316.3041	15.55542	0.317431	1.471386	455.3535	1265.073	0.248381	0.442776	426.2036	231.6502	3.74702	100	10.3
1623.974	1021.474	316.3085	15.53435	0.312569	1.520115	454.5586	1259.83	0.243718	0.431227	448.5767	295.3882	4.78449	100	13.9
1624.127	1021.627	316.3129	15.53602	0.31278	1.535636	456.4752	1247.313	0.243948	0.437908	439.0383	269.0943	4.358189	100	12.5
1624.279	1021.779	316.3172	15.55727	0.305719	1.612284	458.7418	1248.537	0.237172	0.426795	463.7254	334.6756	5.413051	100	16.3
1624.431	1021.931	316.3216	15.57515	0.335178	1.335993	462.7746	1247.432	0.265654	0.489243	338.2432	90.60287	1.463763	100	2.8
1624.584	1022.084	316.326	15.41494	0.329882	1.374877	465.9258	1244.738	0.260553	0.470355	371.3482	114.0882	1.862216	100	4.1
1624.736	1022.236	316.3304	15.25958	0.334598	1.325071	469.8204	1245.58	0.265146	0.472248	362.3961	106.1323	1.749893	100	3.7
1624.889	1022.389	316.3348	15.23014	0.311065	1.573218	469.4272	1249.844	0.242432	0.417553	469.2204	348.226	5.752598	100	17.1

1625.041	1022.541	316.3392	15.25001	0.314742	1.602104	466.5861	1255.604	0.246006	0.432919	443.0831	280.398	4.626157	100	13.3
1625.193	1022.693	316.3436	15.25545	0.325556	1.550487	462.4857	1262.735	0.256478	0.461637	389.0017	135.7811	2.239424	100	5.4
1625.346	1022.846	316.348	15.2778	0.334683	1.486492	460.007	1261.177	0.265338	0.481433	349.4555	96.96824	1.596982	100	3.3
1625.498	1022.998	316.3523	15.15101	0.33715	1.365258	459.4239	1254.063	0.267757	0.485871	339.9939	91.5211	1.519829	100	3
1625.651	1023.151	316.3567	15.14753	0.339881	1.305141	460.5137	1242.834	0.270432	0.493488	325.7912	84.70986	1.407058	100	2.6
1625.803	1023.303	316.3611	15.01841	0.325891	1.409816	462.5457	1238.685	0.256912	0.467222	380.6947	124.3701	2.083521	100	4.9
1625.955	1023.455	316.3655	15.08309	0.324686	1.431275	465.0715	1237.322	0.255775	0.466794	382.8553	127.1054	2.120286	100	5
1626.108	1023.608	316.3699	15.11584	0.315668	1.503525	466.8069	1236.649	0.247092	0.445716	423.9261	224.7444	3.740999	100	10.4
1626.26	1023.76	316.3743	15.14819	0.315541	1.467496	467.0341	1232.636	0.246997	0.438901	433.4612	253.1242	4.204501	100	11.8
1626.413	1023.913	316.3787	15.06556	0.311244	1.532259	465.3602	1232.815	0.242881	0.42837	453.674	308.9355	5.159608	100	15.1
1626.565	1024.065	316.3831	15.12111	0.309252	1.565256	461.6528	1233.721	0.240988	0.430996	452.6619	306.2727	5.096507	100	15
1626.717	1024.217	316.3874	15.18165	0.302267	1.707714	459.9513	1236.215	0.23429	0.422678	473.3847	358.2599	5.938029	100	18.3
1626.87	1024.37	316.3919	15.27	0.299624	1.757246	459.7608	1238.282	0.231775	0.413438	489.6058	395.5224	6.518021	100	20.4
1627.022	1024.522	316.3962	15.30611	0.315284	1.55263	461.2258	1235.154	0.246887	0.443839	426.7983	233.4399	3.838009	100	10.7
1627.175	1024.675	316.4006	15.36147	0.31492	1.592102	462.1747	1231.072	0.246563	0.440882	431.3266	246.891	4.044679	100	11.4
1627.327	1024.827	316.405	15.45798	0.312179	1.658672	460.4823	1224.351	0.243947	0.434631	443.5628	281.7234	4.586767	100	13.3
1627.479	1024.979	316.4094	15.3736	0.305613	1.772776	454.9613	1216.985	0.237648	0.418697	474.2442	360.3062	5.898219	100	18
1627.632	1025.132	316.4138	15.43657	0.304977	1.684278	446.9434	1209.857	0.237063	0.420129	473.0755	357.5216	5.829003	100	17.7
1627.784	1025.284	316.4182	15.49603	0.285875	1.837784	440.7504	1217.69	0.218741	0.389515	540.6078	496.5426	8.064859	100	27
1627.937	1025.437	316.4226	15.4115	0.269399	2.039185	439.7007	1199.431	0.203006	0.359825	603.2942	595.6348	9.727105	100	35
1628.089	1025.589	316.427	15.38755	0.273996	1.917758	444.1573	1201.021	0.207425	0.374554	576.8697	556.5875	9.103595	100	32
1628.241	1025.741	316.4313	15.34781	0.307149	1.485488	452.5515	1194.2	0.239264	0.436186	447.8794	293.5082	4.813049	100	14.2
1628.394	1025.894	316.4357	15.41057	0.339414	1.238177	460.8689	1189.032	0.270473	0.492286	327.3927	85.4124	1.394975	100	2.5
1628.546	1026.046	316.4401	15.51102	0.344566	1.212473	466.4159	1172.288	0.275499	0.490701	322.6443	83.37024	1.352887	100	2.3
1628.699	1026.199	316.4445	15.61329	0.346686	1.227915	464.7021	1151.891	0.277584	0.489534	321.377	82.84526	1.33565	100	2.2
1628.851	1026.351	316.4489	15.67235	0.348946	1.222664	456.0466	1119.583	0.279807	0.495698	309.8034	78.38397	1.259018	100	2
1629.003	1026.503	316.4533	15.70312	0.326266	1.333036	445.186	1095.162	0.257852	0.452021	400.3757	156.2165	2.504336	100	6.1
1629.156	1026.656	316.4577	15.78884	0.305341	1.422705	436.5335	1066.721	0.237688	0.415335	478.8277	371.0797	5.916924	100	17.9
1629.308	1026.808	316.4621	15.86727	0.302373	1.292403	431.828	1043.577	0.234859	0.411588	487.9027	391.7408	6.215872	100	19
1629.461	1026.961	316.4665	15.82474	0.311478	1.204039	430.2352	1014.583	0.243656	0.427199	454.2212	310.3695	4.937893	100	14.3
1629.613	1027.113	316.4709	15.78564	0.312968	1.258362	429.6472	978.9517	0.24512	0.422907	458.1233	320.4854	5.111403	100	14.8
1629.765	1027.265	316.4752	15.80902	0.311019	1.393317	430.1898	935.1602	0.243268	0.415884	470.3701	351.0161	5.590204	100	16.5
1629.918	1027.418	316.4796	15.98166	0.313856	1.367281	432.9058	927.233	0.246031	0.422553	457.3548	318.5083	5.018317	100	14.5
1630.07	1027.57	316.484	16.07768	0.322228	1.266068	437.8448	922.4164	0.25414	0.440786	421.0023	215.759	3.379395	100	8.9
1630.223	1027.723	316.4884	16.18324	0.336116	1.109835	443.8279	944.0449	0.267606	0.473864	356.7711	101.8607	1.58516	100	3.1
1630.375	1027.875	316.4928	16.26552	0.332491	1.180174	448.7605	968.0289	0.264122	0.471999	364.153	107.5725	1.665705	100	3.4
1630.527	1028.027	316.4972	16.26177	0.313923	1.470305	453.6503	1012.021	0.246205	0.435685	438.9919	268.9634	4.165758	100	11.8
1630.68	1028.18	316.5016	16.22371	0.29053	1.965771	459.9342	1068.7	0.223726	0.382444	543.4861	501.6224	7.787319	100	25.6
1630.832	1028.332	316.506	16.18071	0.294836	2.147735	467.7695	1146.054	0.227888	0.39117	525.7001	469.2581	7.304098	100	23.6
1630.985	1028.485	316.5104	16.19812	0.329016	1.717041	475.3067	1213.233	0.260869	0.467474	374.8867	117.71	1.830256	100	4.2
1631.137	1028.637	316.5147	16.20701	0.349145	1.565744	479.9845	1260.072	0.280411	0.508953	290.6773	72.02322	1.119286	100	1.8
1631.289	1028.789	316.5191	16.21103	0.33695	1.922995	481.2131	1302.626	0.268606	0.48412	341.2381	92.1893	1.432346	100	2.9
1631.442	1028.942	316.5235	16.28218	0.333053	2.090119	480.0559	1343.76	0.264858	0.477038	356.1831	101.4415	1.569316	100	3.5
1631.594	1029.094	316.5279	16.34355	0.311413	2.359582	478.5131	1376.056	0.243977	0.431561	447.7584	293.1812	4.518801	100	13.4
1631.747	1029.247	316.5323	16.29698	0.286606	3.132446	477.4777	1400.13	0.220155	0.372758	561.7812	532.602	8.232246	100	27.9
1631.899	1029.399	316.5367	16.20369	0.275288	2.04875	477.275	1409.972	0.209346	0.348849	609.6921	604.5845	9.398094	100	33
1632.051	1029.551	316.5411	16.12006	0.263693	2.087376	477.2997	1413.859	0.198303	0.323991	659.2344	668.4316	10.44397	100	38.5
1632.204	1029.704	316.5455	16.02103	0.264104	2.005263	478.1657	1416.658	0.198722	0.333755	645.182	651.2045	10.2371	100	37.7
1632.356	1029.856	316.5499	15.92214	0.292783	2.409141	480.0823	1421.371	0.22619	0.406188	507.3181	433.1691	6.851454	100	22.3
1632.509	1030.009	316.5543	15.87824	0.304227	2.076519	481.9926	1428.263	0.237219	0.424337	467.0524	342.9226	5.438931	100	16.7
1632.661	1030.161	316.5586	15.84555	0.328034	1.723571	483.2333	1437.553	0.26022	0.467254	376.0862	119.0088	1.891419	100	4.4
1632.813	1030.313	316.563	15.80849	0.330217	1.723583	483.5281	1446.793	0.262359	0.462437	379.7818	123.2587	1.963536	100	4.6
1632.966	1030.466	316.5674	15.77441	0.340902	1.633325	483.6601	1453.66	0.27274	0.479001	342.598	92.93511	1.483661	100	2.9
1633.118	1030.618	316.5718	15.85985	0.339127	1.654852	483.7799	1454.681	0.271045	0.469658	357.8304	102.6281	1.629684	100	3.4
1633.271	1030.771	316.5762	15.94579	0.33164	1.808854	482.8522	1451.841	0.26382	0.453135	390.6031	138.2843	2.184199	100	5.2
1633.423	1030.923	316.5806	16.0807	0.323881	2.015938	482.0657	1445.994	0.256341	0.441723	416.6717	200.1976	3.135916	100	8.4
1633.575	1031.075	316.585	16.27228	0.337199	1.810359	478.6411	1431.435	0.269259	0.477472	349.5122	97.00366	1.501817	100	3.1
1633.728	1031.228	316.5894	16.22561	0.346521	1.719839	477.7195	1407.429	0.278329	0.496456	310.7967	78.74566	1.222623	100	2.1
1633.88	1031.38	316.5937	16.16386	0.346149	1.634972	477.867	1377.065	0.277995	0.490572	319.3784	82.03319	1.278488	100	2.3
1634.033	1031.533	316.5982	16.25144	0.317121	1.989396	479.8264	1348.88	0.249921	0.425027	448.5712	295.3733	4.578946	100	13.2
1634.185	1031.685	316.6025	16.19447	0.303931	2.12541	480.4958	1323.67	0.237235	0.410882	485.5981	386.5761	6.013687	100	18.6
1634.337	1031.837	316.6069	16.21642	0.290733	2.276685	478.8096	1303.055	0.224579	0.395519	524.2645	466.5405	7.248019	100	23.8
1634.49	1031.99	316.6113	16.1916	0.302897	1.796912	473.2531	1286.933	0.236295	0.427269	464.2825	336.0658	5.228976	100	15.9
1634.642	1032.142	316.6157	16.18206	0.311791	1.450258	461.8734	1265.04	0.244889	0.437348	438.5127	267.6083	4.166296	100	11.9
1634.795	1032.295	316.6201	16.20935	0.319313	1.269274	456.6335	1246.444	0.252174	0.449549	411.6224	184.2039	2.863068	100	7.4
1634.947	1032.447	316.6245	16.2226	0.318793	1.236691	457.3029	1234.348	0.251699	0.449194	412.7674	187.6174	2.913806	100	7.6
1635.099	1032.599	316.6289	16.23176	0.311656	1.232604	462.3431	1233.489	0.244841	0.436365	439.9353	271.621	4.21613	100	12
1635.252	1032.752	316.6333	16.10002	0.303113	1.393094	467.4354	1238.007	0.23664	0.417185	477.7221	368.5021	5.766246	100	17.5
1635.404	1032.904	316.6376	16.08947	0.298569	1.537921	471.1887	1250.838	0.232297	0.406585	498.3434	414.4684	6.4898	100	20.3
1635.557	1033.057	316.642	16.06662	0.301501	1.59852	474.2139	1264.779	0.235143	0.410896	488.4659	392.9946	6.162288	100	19.1
1635.709	1033.209	316.6464	16.02167	0.316863	1.445699	475.9528	1278.959	0.249974	0.443129	423.5184	223.4998	3.514318	100	9.6
1635.861	1033.361	316.6508	16.16825	0.321072	1.456754	476.631	1286.973	0.254065	0.449544	409.0205	176.8733	2.756266	100	7.1
1636.014	1033.514	316.6552	16.24829	0.321205	1.549144	476.1425	1289.72	0.254221	0.448819	409.8055	179.0246	2.776248	100	7.2
1636.166	1033.666	316.6596	16.31162	0.319117	1.649496	474.9631	1293.12	0.252231	0.444363	418.701	207.3595	3.203366	100	8.6
1636.319	1033.819	316.664	16.38732	0.33681	1.456204	470.5399	1284.766	0.269374	0.483831	340.5764	91.83227	1.412208	100	2.7
1636.471	1033.971	316.6684	16.42236	0.33441	1.400464	462.6616	1272.443	0.267077	0.480889	347.8076	95.95474	1.472515	100	2.9
1636.623	1034.123	316.6727	16.52087	0.32095	1.491994	451.9791	1259.136	0.254083	0.454452	402.2217	160.199	2.443976	100	6.1
1636.776	1034.276	316.6771	16.48087	0.310947	1.554436	443.7844	1245.669	0.244458	0.435733	441.3357	275.543	4.213759	100	12.1
1636.928	1034.428	316.6815	16.45197	0.314656	1.418081	441.9598	1235.72	0.248063	0.448206	419.1488	209.0017	3.201747	100	8.7
1637.081	1034.581	316.6859	16.50323	0.317179	1.325012	446.8004	1222.729	0.250525	0.458762	401.1848	157.9358	2.412075	100	6.1

1637.233	1034.733	316.6903	16.65532	0.324039	1.198177	454.4634	1216.178	0.257178	0.475743	368.5701	111.4468	1.686775	100	3.6
1637.385	1034.885	316.6947	16.73455	0.314842	1.33218	460.8828	1214.733	0.248324	0.453108	412.024	185.3876	2.792838	100	7.3
1637.538	1035.038	316.6991	16.81992	0.301493	1.55128	465.496	1215.809	0.235491	0.418861	476.9942	366.7981	5.498225	100	16.8
1637.69	1035.19	316.7035	16.91527	0.313853	1.409744	471.313	1220.699	0.247424	0.443027	427.1768	234.5764	3.496796	100	9.7
1637.843	1035.343	316.7079	16.97861	0.315658	1.487798	482.4502	1225.705	0.249193	0.441369	427.0233	234.1159	3.477176	100	9.6
1637.995	1035.495	316.7123	17.09634	0.331115	1.303922	495.5621	1243.462	0.264159	0.463622	375.6622	118.5454	1.74879	100	3.7
1638.147	1035.647	316.7166	17.12596	0.318626	1.434638	504.6595	1260.285	0.252113	0.431701	436.3372	261.4162	3.849926	100	10.6
1638.3	1035.8	316.721	17.15172	0.335369	1.167063	503.9407	1273.138	0.268333	0.47112	359.5544	103.9128	1.528105	100	3
1638.452	1035.952	316.7254	17.15389	0.328921	1.073185	494.6773	1284.423	0.262118	0.462471	380.0673	123.6036	1.817467	100	3.9
1638.605	1036.105	316.7298	17.04265	0.336275	1.073215	483.9485	1295.564	0.269266	0.47804	348.718	96.51097	1.428209	100	2.6
1638.757	1036.257	316.7342	16.99447	0.336476	1.204855	477.2556	1310.873	0.269488	0.476631	350.3555	97.53463	1.447395	100	2.7
1638.909	1036.409	316.7386	16.99656	0.336415	1.338752	476.1253	1324.054	0.269456	0.475062	352.5653	98.96563	1.46847	100	2.8
1639.062	1036.562	316.743	17.0315	0.333604	1.410921	478.1554	1338.101	0.266761	0.465779	369.0956	111.9337	1.657565	100	3.5
1639.214	1036.714	316.7474	17.07931	0.341575	1.255637	480.4068	1351.14	0.274513	0.478848	340.3621	91.71745	1.354475	100	2.4
1639.367	1036.867	316.7518	16.96786	0.344194	1.264358	482.4154	1363.4	0.277082	0.47631	340.3189	91.69435	1.362888	100	2.4
1639.519	1037.019	316.7561	17.00812	0.347873	1.253415	482.0865	1375.593	0.28068	0.477814	333.2773	88.12735	1.306839	100	2.2
1639.671	1037.171	316.7605	17.1086	0.337012	1.4535	480.4194	1378.326	0.270171	0.454176	380.4003	124.0089	1.828338	100	3.9
1639.824	1037.324	316.7649	17.06264	0.335579	1.4852	477.4208	1372.339	0.268809	0.459728	374.6181	117.4243	1.735857	100	3.7
1639.976	1037.476	316.7693	17.04005	0.329541	1.552239	474.0421	1367.35	0.262991	0.451123	394.5232	144.8949	2.144764	100	5.1
1640.129	1037.629	316.7737	17.06187	0.31742	1.676778	472.0701	1356.646	0.251303	0.428257	442.208	277.972	4.109477	100	11.6
1640.281	1037.781	316.7781	17.08368	0.327367	1.483067	472.4815	1345.542	0.260942	0.455682	391.0593	139.0176	2.052653	100	4.8
1640.433	1037.933	316.7825	17.10012	0.341861	1.321882	473.2771	1339.266	0.275009	0.49157	322.1213	83.1526	1.226638	100	2.1
1640.586	1038.086	316.7869	17.10867	0.344965	1.271917	473.5073	1331.135	0.278048	0.496459	311.1801	78.88622	1.163145	100	1.8
1640.738	1038.238	316.7913	17.09421	0.325964	1.459049	472.0082	1324.108	0.259667	0.449336	401.5756	158.7808	2.34313	100	5.7
1640.891	1038.391	316.7957	17.10201	0.325109	1.487029	469.3974	1315.467	0.258867	0.444439	409.4379	178.0107	2.62576	100	6.6
1641.043	1038.543	316.8	17.10038	0.322546	1.551754	466.7435	1308.723	0.256418	0.440578	418.1462	205.3566	3.029448	100	8
1641.195	1038.695	316.8044	16.99781	0.316812	1.631397	464.8269	1306.523	0.250908	0.432119	437.4238	264.5177	3.925376	100	11
1641.348	1038.848	316.8088	16.96001	0.309623	1.728601	465.1923	1308.583	0.244002	0.417831	466.6714	341.9848	5.086147	100	15.1
1641.5	1039	316.8132	16.93937	0.318686	1.537729	467.1732	1313.71	0.252771	0.438056	426.6585	233.0197	3.469762	100	9.5
1641.653	1039.153	316.8176	17.00543	0.321959	1.495676	469.8653	1313.915	0.25596	0.440675	418.6451	207.1562	3.072901	100	8.1
1641.805	1039.305	316.822	17.00422	0.31843	1.516621	471.8293	1314.12	0.252578	0.432572	434.4929	256.1127	3.799421	100	10.5
1641.957	1039.457	316.8264	16.94139	0.316004	1.555313	472.68	1316.556	0.250264	0.426931	445.4709	286.9641	4.272668	100	12.1
1642.11	1039.61	316.8308	16.92846	0.316014	1.60636	472.9194	1321.247	0.250301	0.429854	441.3862	275.6839	4.107847	100	11.6
1642.262	1039.762	316.8351	16.90651	0.323968	1.526846	472.9378	1322.89	0.25801	0.447731	406.0767	169.2404	2.525028	100	6.3
1642.415	1039.915	316.8396	16.88754	0.332905	1.423461	472.9561	1321.432	0.266683	0.467598	366.6918	109.753	1.639317	100	3.4
1642.567	1040.067	316.8439	16.91995	0.315002	1.577984	472.9743	1328.361	0.249406	0.42584	448.1613	294.2691	4.387101	100	12.5
1642.719	1040.219	316.8483	17.01876	0.301452	1.768338	472.9927	1331.023	0.236379	0.391574	513.4249	445.4771	6.603554	100	20.6
1642.872	1040.372	316.8527	17.06463	0.288332	2.544302	473.0109	1334.393	0.223805	0.350132	587.9663	573.4153	8.477705	100	28.4
1643.024	1040.524	316.8571	17.17077	0.295398	2.519198	473.0294	1332.728	0.230615	0.374847	544.4624	503.3323	7.396471	100	24
1643.177	1040.677	316.8615	17.25165	0.289948	2.351605	473.0476	1331.37	0.225409	0.364314	566.1823	539.7366	7.895034	100	26.2
1643.329	1040.829	316.8659	17.17482	0.312543	1.798083	473.0659	1329.143	0.247171	0.426595	450.2029	299.7474	4.403874	100	12.8
1643.481	1040.981	316.8703	17.14007	0.324221	1.507122	473.0811	1327.193	0.258472	0.448464	404.4272	165.2461	2.432649	100	6.1
1643.634	1041.134	316.8747	17.1137	0.330452	1.433682	472.8162	1330.014	0.264527	0.455805	385.9414	131.2862	1.935659	100	4.4
1643.786	1041.286	316.879	17.11575	0.325692	1.435686	471.9353	1332.464	0.259949	0.43959	414.6373	193.4547	2.851958	100	7.3
1643.939	1041.439	316.8834	17.16848	0.325877	1.427251	470.3933	1337.597	0.260155	0.440911	412.5299	186.8996	2.747044	100	6.9
1644.091	1041.591	316.8878	17.14515	0.316783	1.555544	469.3672	1338.202	0.251397	0.425388	446.0368	288.5088	4.246209	100	12
1644.243	1041.743	316.8922	17.03757	0.320488	1.557947	470.1165	1339.685	0.255001	0.437374	424.5232	226.5629	3.355221	100	9
1644.396	1041.896	316.8966	17.1482	0.329202	1.470012	471.8057	1340.657	0.263453	0.454692	388.9593	135.7164	1.997142	100	4.6
1644.548	1042.048	316.901	17.15339	0.333056	1.395862	472.8253	1340.653	0.267211	0.460597	375.6251	118.5051	1.743371	100	3.7
1644.701	1042.201	316.9054	17.27033	0.32568	1.531743	473.2276	1341.325	0.260101	0.441942	411.1809	182.9192	2.673138	100	6.8
1644.853	1042.353	316.9098	17.38802	0.318837	1.620184	472.736	1341.06	0.253516	0.42775	439.8531	271.3898	3.939749	100	11
1645.005	1042.505	316.9141	17.39014	0.336084	1.412086	471.6302	1340.121	0.270226	0.468593	360.4307	104.5833	1.518066	100	3
1645.158	1042.658	316.9186	17.53973	0.347572	1.211234	469.4186	1336.882	0.281397	0.497012	305.7968	76.96039	1.107787	100	1.6
1645.31	1042.81	316.9229	17.66024	0.354246	1.155242	467.9963	1333.437	0.28791	0.511377	276.9841	68.01851	0.972548	100	1.1
1645.463	1042.963	316.9273	17.79571	0.351194	1.146273	467.6338	1330.992	0.28497	0.505707	288.8663	71.47111	1.014318	100	1.3
1645.615	1043.115	316.9317	17.83797	0.358937	1.12886	468.4982	1333.375	0.292527	0.524757	252.1485	61.56381	0.871701	100	0.8
1645.767	1043.267	316.9361	17.88708	0.343553	1.207829	470.5267	1333.162	0.277605	0.496685	311.481	78.99696	1.115555	100	1.7
1645.92	1043.42	316.9405	17.92465	0.329595	1.374169	472.5508	1335.186	0.264105	0.470117	366.7732	109.8249	1.547735	100	3.2
1646.072	1043.572	316.9449	18.05008	0.304719	1.719666	474.0157	1334.212	0.240122	0.413384	478.161	369.5271	5.172389	100	15.7
1646.225	1043.725	316.9493	18.16482	0.311985	1.676339	474.6422	1334.457	0.24715	0.42934	446.4445	289.6188	4.028961	100	11.6
1646.377	1043.877	316.9537	18.16465	0.315878	1.605886	474.7617	1333.891	0.250932	0.432137	437.366	264.353	3.677557	100	10.3
1646.529	1044.029	316.958	18.27888	0.338118	1.314698	473.3734	1333.82	0.272469	0.47826	343.994	93.71829	1.295841	100	2.3
1646.682	1044.182	316.9624	18.22779	0.341412	1.306093	471.045	1333.638	0.275691	0.484474	330.9731	87.03802	1.206772	100	2
1646.834	1044.334	316.9668	18.35094	0.337806	1.371454	468.2315	1332.171	0.272221	0.480775	340.8654	91.98772	1.267077	100	2.3
1646.987	1044.487	316.9712	18.35304	0.328639	1.467356	467.6477	1346.817	0.26337	0.461634	379.4938	122.9133	1.69289	100	3.7
1647.139	1044.639	316.9756	18.32406	0.321164	1.56178	468.5598	1356.634	0.256171	0.441982	416.5484	199.777	2.755806	100	7.2
1647.291	1044.791	316.98	18.4319	0.32463	1.471757	469.2478	1363.537	0.259548	0.448179	403.3374	162.7116	2.231752	100	5.4
1647.444	1044.944	316.9844	18.54739	0.321202	1.518421	470.2149	1367.239	0.256263	0.442549	415.6394	196.7235	2.68195	100	6.9
1647.596	1045.096	316.9888	18.67044	0.321305	1.483383	470.8448	1359.48	0.256389	0.446263	410.3404	180.52	2.44531	100	6.2
1647.749	1045.249	316.9932	18.67624	0.314844	1.576045	471.0777	1347.062	0.250179	0.43173	438.9657	268.8893	3.641298	100	10.2
1647.901	1045.401	316.9975	18.57292	0.325303	1.537423	470.5309	1324.351	0.260307	0.454781	393.1784	142.5462	1.940815	100	4.6
1648.053	1045.553	317.0019	18.48248	0.330052	1.491864	469.0381	1334.578	0.264929	0.466619	370.465	113.2301	1.549018	100	3.3
1648.206	1045.706	317.0063	18.39889	0.343957	1.323597	467.0476	1339.166	0.278431	0.498402	307.9703	77.72581	1.068021	100	1.6
1648.358	1045.858	317.0107	18.31524	0.333849	1.356904	465.2323	1340.187	0.268659	0.479427	347.642	95.85452	1.322997	100	2.5
1648.511	1046.011	317.0151	18.23403	0.322705	1.420444	464.5288	1328.878	0.257905	0.459774	389.6022	136.7071	1.895056	100	4.4
1648.663	1046.163	317.0195	18.22273	0.310169	1.619693	464.3965	1319.357	0.245834	0.436157	438.8526	268.5696	3.725249	100	10.6
1648.815	1046.315	317.0239	18.26487	0.319207	1.534307	466.5341	1315.583	0.25458	0.45635	398.916	153.2142	2.120435	100	5.2
1648.968	1046.468	317.0283	18.30383	0.345481	1.268268	467.9965	1312.043	0.280046	0.505645	295.7467	73.61004	1.016639	100	1.4
1649.12	1046.62	317.0327	18.19905	0.360291	1.113935	468.7269	1311.719	0.294471	0.533012	238.0742	58.26084	0.809171	100	0.6
1649.273	1046.773	317.0371	18.15006	0.34914	1.182393	467.9589	1306.123	0.283654	0.510904	283.5105	69.8801	0.973113	100	1.2

1649.425	1046.925	317.0414	18.11782	0.314377	1.51175	466.5336	1305.715	0.250027	0.442586	424.1938	225.5604	3.146521	100	8.6
1649.577	1047.077	317.0458	18.11789	0.307751	1.58687	465.9992	1308.529	0.243667	0.433571	445.4117	286.8022	4.000862	100	11.6
1649.73	1047.23	317.0502	17.99263	0.298394	1.705642	466.2476	1314.681	0.23469	0.415872	482.2253	378.9173	5.321821	100	16.5
1649.882	1047.382	317.0546	17.98105	0.304547	1.68574	467.2672	1317.782	0.240636	0.431664	452.2264	305.1227	4.288135	100	12.7
1650.035	1047.535	317.059	17.86155	0.307687	1.62901	467.952	1315.87	0.243687	0.435944	442.1102	277.7001	3.928286	100	11.4
1650.187	1047.687	317.0634	17.74286	0.309992	1.599943	467.9702	1317.098	0.245935	0.43461	440.8475	274.1788	3.903879	100	11.2
1650.339	1047.839	317.0678	17.62539	0.321335	1.458534	468.2189	1318.787	0.256907	0.453589	399.5155	154.4321	2.213234	100	5.4
1650.492	1047.992	317.0722	17.62752	0.328157	1.369772	469.0848	1323.908	0.263529	0.467201	371.5937	114.3299	1.638338	100	3.5
1650.644	1048.144	317.0765	17.47987	0.331309	1.378515	470.9967	1332.357	0.266607	0.475757	355.5386	100.9877	1.459132	100	2.9
1650.797	1048.297	317.081	17.32552	0.327394	1.436603	472.7979	1339.063	0.262845	0.466318	373.7545	116.518	1.698243	100	3.7
1650.949	1048.449	317.0853	17.29744	0.335751	1.379769	473.704	1343.851	0.270962	0.480797	342.572	92.92072	1.356487	100	2.5
1651.101	1048.601	317.0897	17.18706	0.33045	1.402162	473.9985	1345.747	0.265857	0.468172	367.0408	110.0623	1.616872	100	3.4
1651.254	1048.754	317.0941	17.2972	0.327373	1.453426	474.0168	1350.592	0.262907	0.463717	377.2598	120.3168	1.756489	100	3.9
1651.406	1048.906	317.0985	17.29949	0.325589	1.468256	474.1487	1354.152	0.261208	0.458914	386.2315	131.6968	1.922397	100	4.4
1651.559	1049.059	317.1029	17.14981	0.330708	1.438412	474.2778	1360.238	0.266188	0.466453	368.9551	111.803	1.646004	100	3.5
1651.711	1049.211	317.1073	17.16503	0.330118	1.417703	474.5138	1366.514	0.265644	0.461555	376.4658	119.4278	1.756748	100	3.8
1651.863	1049.363	317.1117	17.04189	0.318113	1.551814	474.0285	1371.828	0.254066	0.434913	429.2094	240.6409	3.564927	100	9.8
1652.016	1049.516	317.1161	17.10866	0.321009	1.488711	473.1467	1373.365	0.25689	0.445668	410.4695	180.8847	2.669436	100	6.9
1652.168	1049.668	317.1204	17.02108	0.317298	1.488024	471.7185	1367.919	0.253335	0.442463	419.7993	211.4284	3.136002	100	8.4
1652.321	1049.821	317.1248	16.95925	0.308066	1.575819	470.9106	1359.758	0.244459	0.427706	452.4133	305.6164	4.549343	100	13.4
1652.473	1049.973	317.1292	17.02447	0.306915	1.604734	471.4324	1350.301	0.243377	0.42436	458.5236	321.5123	4.767996	100	14.1
1652.625	1050.125	317.1336	16.94467	0.312722	1.554928	472.0553	1343.791	0.249001	0.435125	435.9072	260.1842	3.876417	100	11
1652.778	1050.278	317.138	16.8884	0.312696	1.541529	471.8437	1337.93	0.249002	0.435384	435.547	259.1501	3.873712	100	11
1652.93	1050.43	317.1424	16.84478	0.313111	1.522881	470.5771	1331.576	0.249429	0.440826	427.447	235.3862	3.527502	100	9.8
1653.083	1050.583	317.1468	16.91347	0.312315	1.536599	469.2602	1324.731	0.248689	0.440287	429.2137	240.6536	3.59207	100	10.1
1653.235	1050.735	317.1512	16.98914	0.284409	1.995561	468.4922	1317.388	0.221891	0.376608	554.0706	519.8126	7.724986	100	26
1653.387	1050.887	317.1555	16.99936	0.277776	2.168632	467.1591	1311.507	0.215568	0.363079	581.4671	563.6391	8.371445	100	29
1653.54	1051.04	317.16	17.06479	0.294876	1.894139	464.656	1305.037	0.231987	0.413044	489.8575	396.0788	5.860654	100	18.6
1653.692	1051.192	317.1643	17.04783	0.311924	1.621547	461.323	1299.745	0.248421	0.451526	414.0734	191.6592	2.838727	100	7.7
1653.845	1051.345	317.1687	17.03509	0.318108	1.576551	457.6095	1290.647	0.254414	0.462819	390.2183	137.673	2.040643	100	5
1653.997	1051.497	317.1731	17.03378	0.329981	1.432966	455.235	1286.118	0.265918	0.482313	347.4412	95.7334	1.419122	100	2.8
1654.149	1051.649	317.1775	17.09107	0.338938	1.285017	453.6346	1283.186	0.274621	0.493633	319.8089	82.20653	1.214604	100	2
1654.302	1051.802	317.1819	17.13911	0.332229	1.302795	452.4305	1289.659	0.268148	0.472464	357.9563	102.7204	1.513536	100	3
1654.454	1051.954	317.1863	17.18868	0.336587	1.209471	451.8437	1296.141	0.272396	0.478681	343.5126	93.44619	1.373001	100	2.5
1654.607	1052.107	317.1907	17.25476	0.343713	1.150166	452.2271	1305.638	0.279334	0.495437	310.8173	78.75318	1.15278	100	1.7
1654.759	1052.259	317.1951	17.32448	0.350705	1.109162	456.69	1315.785	0.28615	0.512364	278.0496	68.31702	0.99608	100	1.2
1654.911	1052.411	317.1994	17.41848	0.35713	1.054626	464.321	1332.479	0.292425	0.522359	255.5982	62.40891	0.905133	100	0.9
1655.064	1052.564	317.2038	17.52132	0.352766	1.093738	474.0617	1348.837	0.288208	0.504755	285.712	70.52678	1.016996	100	1.3
1655.216	1052.716	317.2082	17.62077	0.351816	1.125893	478.1344	1356.454	0.287312	0.489544	307.9394	77.71481	1.114466	100	1.6
1655.369	1052.869	317.2126	17.69285	0.343122	1.238777	479.8726	1363.068	0.278895	0.461877	357.7345	102.558	1.464881	100	2.7
1655.521	1053.021	317.217	17.7673	0.364679	1.057735	480.0106	1368.897	0.299883	0.511196	260.7119	63.68985	0.905992	100	0.8
1655.673	1053.173	317.2214	17.83589	0.375857	0.953449	481.0916	1382.253	0.31081	0.53958	206.4615	51.56412	0.730753	100	0.3
1655.826	1053.326	317.2258	17.7865	0.380003	0.923489	482.5658	1395.182	0.314887	0.550671	185.5305	47.59188	0.676299	100	0.1
1655.978	1053.478	317.2302	17.83688	0.352868	1.102154	484.4729	1405.172	0.288469	0.490066	305.6217	76.8994	1.089764	100	1.5
1656.131	1053.631	317.2346	17.95613	0.34859	1.168185	485.2099	1410.8	0.284339	0.47739	328.8141	86.04841	1.211518	100	1.9
1656.283	1053.783	317.239	18.05719	0.33124	1.319293	485.1696	1419.986	0.267542	0.434441	411.2633	183.1577	2.564705	100	6.2
1656.435	1053.935	317.2433	18.2261	0.324456	1.364636	484.5769	1424.554	0.261007	0.418263	442.6077	279.0813	3.872613	100	10.5
1656.588	1054.088	317.2477	18.17989	0.322978	1.397796	484.6043	1427.523	0.259605	0.415536	448.3057	294.6582	4.098943	100	11.2
1656.74	1054.24	317.2521	18.13697	0.335828	1.274353	485.6853	1432.194	0.272067	0.448683	385.3646	130.4789	1.819281	100	3.9
1656.893	1054.393	317.2565	18.27372	0.351357	1.147617	486.8123	1434.117	0.287163	0.48542	313.8353	79.87517	1.105594	100	1.6
1657.045	1054.545	317.2609	18.32853	0.352855	1.09266	486.8796	1439.514	0.288646	0.489184	306.5939	77.23926	1.066006	100	1.4
1657.197	1054.697	317.2653	18.4192	0.362502	1.038884	486.4432	1443.473	0.29806	0.510363	264.3765	64.62968	0.887711	100	0.8
1657.35	1054.85	317.2697	18.46658	0.374154	0.971016	484.9566	1444.347	0.309446	0.534809	214.9275	53.26967	0.729858	100	0.3
1657.502	1055.002	317.2741	18.51626	0.399034	0.822981	483.516	1440.269	0.333808	0.586997	109.2897	35.58946	0.486351	69.7	0
1657.655	1055.155	317.2785	18.54497	0.396613	0.812399	481.5377	1433.708	0.331462	0.585119	115.1178	36.3879	0.496519	71.5	0
1657.807	1055.307	317.2828	18.58801	0.381958	0.899292	481.1751	1432.753	0.317148	0.558222	171.9891	45.19298	0.615284	94.7	0
1657.959	1055.459	317.2872	18.65727	0.360917	1.051246	482.1486	1431.824	0.296651	0.515559	259.1495	63.29479	0.858633	100	0.8
1658.112	1055.612	317.2916	18.69482	0.364568	1.037945	483.6133	1430.351	0.300234	0.523598	243.111	59.41741	0.80447	100	0.6
1658.264	1055.764	317.296	18.70146	0.354694	1.084266	484.5685	1426.983	0.29065	0.503515	284.0523	70.03833	0.947953	100	1.1
1658.417	1055.917	317.3004	18.70022	0.358701	1.058922	484.0738	1426.954	0.294575	0.511766	267.2501	65.38017	0.884973	100	0.8
1658.569	1056.069	317.3048	18.68304	0.348544	1.116144	482.361	1431.692	0.284727	0.487605	314.182	80.00633	1.083929	100	1.5
1658.721	1056.221	317.3092	18.66909	0.373405	0.937979	480.2524	1440.891	0.308958	0.536718	212.9668	52.8693	0.716804	100	0.2
1658.874	1056.374	317.3136	18.70846	0.376536	0.934136	478.1664	1450.047	0.312041	0.541278	202.4202	50.77074	0.686952	100	0.1
1659.026	1056.526	317.3179	18.76394	0.368199	1.014297	477.8103	1456.597	0.303935	0.521827	240.449	58.80276	0.793353	100	0.5
1659.179	1056.679	317.3224	18.82527	0.366118	1.042783	479.6161	1460.595	0.301933	0.519107	246.9649	60.32116	0.811273	100	0.6
1659.331	1056.831	317.3267	18.8867	0.372134	0.97146	481.3481	1466.238	0.307826	0.531402	221.8654	54.71327	0.733537	100	0.3
1659.483	1056.983	317.3311	18.88205	0.389636	0.871822	481.0164	1466.244	0.324955	0.564654	152.3397	41.93014	0.562295	84.4	0
1659.636	1057.136	317.3355	18.89002	0.375444	0.936789	478.7646	1468.512	0.311111	0.529583	219.8424	54.28793	0.727727	100	0.3
1659.788	1057.288	317.3399	18.90197	0.371501	0.9673	479.1732	1464.45	0.30729	0.520135	238.1539	58.27895	0.780755	100	0.4
1659.941	1057.441	317.3443	18.91167	0.361299	1.036571	479.5875	1460.587	0.297374	0.502848	275.6936	67.65967	0.905987	100	0.9
1660.093	1057.593	317.3487	18.90431	0.365029	1.0396	480.5549	1453.616	0.301034	0.516631	251.6213	61.43597	0.822969	100	0.6
1660.245	1057.745	317.3531	18.87463	0.376975	0.935432	481.3533	1451.166	0.312714	0.54503	196.3144	49.59656	0.665395	100	0.1
1660.398	1057.898	317.3575	18.84598	0.401015	0.776006	482.1515	1447.569	0.336263	0.594084	96.12169	33.84961	0.454806	64.3	0
1660.55	1058.05	317.3618	18.82263	0.399632	0.762045	482.6088	1444.328	0.334934	0.589833	103.8215	34.85634	0.468902	66.2	0
1660.703	1058.203	317.3662	18.82427	0.382592	0.881191	482.2893	1438.933	0.318281	0.554544	175.5009	45.8029	0.616115	94.5	0
1660.855	1058.355	317.3706	18.82202	0.372024	0.978608	481.527	1436.094	0.307989	0.531944	220.8929	54.50833	0.733309	100	0.3
1661.007	1058.507	317.375	18.82498	0.369016	0.986953	480.8761	1433.078	0.305082	0.524352	235.3822	57.65369	0.775514	100	0.5
1661.16	1058.66	317.3794	18.77617	0.365686	0.958658	480.2309	1429.933	0.301863	0.516531	250.616	61.1931	0.82521	100	0.6
1661.312	1058.812	317.3838	18.78891	0.351968	1.0001	480.3598	1426.755	0.288539	0.490879	304.4033	76.47783	1.030662	100	1.3
1661.465	1058.965	317.3882	18.78071	0.355908	0.981569	480.5992	1425.84	0.292397	0.503288	281.9547	69.42896	0.936075	100	1

1661.617	1059.117	317.3926	18.77161	0.357039	0.99355	480.393	1428.934	0.293525	0.506827	275.5141	67.60997	0.91199	100	0.9
1661.769	1059.269	317.3969	18.77745	0.355735	1.057023	480.3008	1433.625	0.292283	0.501759	284.2211	70.08774	0.945137	100	1
1661.922	1059.422	317.4014	18.80017	0.353338	1.147583	480.1009	1442.191	0.28998	0.498415	292.0161	72.43626	0.975672	100	1.2
1662.074	1059.574	317.4057	18.81435	0.348739	1.191721	480.5614	1446.364	0.285537	0.488602	311.688	79.07332	1.064301	100	1.5
1662.227	1059.727	317.4101	18.81044	0.359855	1.094432	480.4721	1452.883	0.296373	0.511925	264.5483	64.67421	0.87068	100	0.8
1662.379	1059.879	317.4145	18.8193	0.368279	0.979153	480.8251	1456.136	0.304606	0.526567	232.981	57.11836	0.768616	100	0.4
1662.531	1060.031	317.4189	18.83821	0.375171	0.916381	481.4081	1455.013	0.311356	0.540813	204.0065	51.08059	0.686706	100	0.1
1662.684	1060.184	317.4233	18.83893	0.357221	1.015885	482.7628	1451.716	0.293891	0.49952	285.0931	70.34397	0.94565	100	1
1662.836	1060.336	317.4277	18.78266	0.357116	1.013471	483.3305	1449.963	0.293815	0.499747	284.884	70.28239	0.947581	100	1
1662.989	1060.489	317.4321	18.71905	0.357362	1.031346	482.9467	1445.876	0.294082	0.502548	280.651	69.05456	0.934111	100	1
1663.141	1060.641	317.4365	18.71318	0.356941	1.031	481.3953	1442.655	0.293699	0.505217	277.4958	68.16162	0.922323	100	1
1663.293	1060.793	317.4408	18.70116	0.359452	1.072073	479.0794	1433.019	0.29617	0.513638	262.465	64.13708	0.868417	100	0.8
1663.446	1060.946	317.4452	18.69516	0.356705	1.128642	477.8781	1425.846	0.293523	0.507684	274.3342	67.28476	0.911331	100	1
1663.598	1061.098	317.4496	18.70507	0.35536	1.133045	478.0161	1420.078	0.292242	0.50461	280.3449	68.96713	0.933647	100	1
1663.751	1061.251	317.454	18.71354	0.352449	1.135847	478.9282	1417.358	0.289439	0.494791	297.7626	74.25911	1.004857	100	1.3
1663.903	1061.403	317.4584	18.72464	0.341233	1.21276	480.1718	1417.911	0.278575	0.464942	353.946	99.89028	1.350929	100	2.4
1664.055	1061.555	317.4628	18.75653	0.355151	1.103992	481.087	1417.356	0.292119	0.496919	291.127	72.16149	0.97432	100	1.1
1664.208	1061.708	317.4672	18.66806	0.356358	1.06158	482.2754	1424.567	0.293321	0.501968	282.5024	69.58724	0.9439	100	1
1664.36	1061.86	317.4716	18.65098	0.374292	0.957163	482.9633	1423.368	0.310822	0.541313	204.0543	51.08995	0.693622	100	0.2
1664.513	1062.013	317.476	18.59907	0.382063	0.911813	483.6479	1432.676	0.318439	0.555148	174.4513	45.61972	0.621043	96.1	0
1664.665	1062.165	317.4804	18.60467	0.396009	0.854909	483.8871	1419.538	0.332111	0.582634	117.6522	36.74069	0.500028	73.1	0
1664.817	1062.317	317.4847	18.5949	0.400206	0.819339	483.7884	1415.919	0.336251	0.592051	98.94448	34.21525	0.465901	66.7	0
1664.97	1062.47	317.4891	18.60047	0.388231	0.890327	483.2419	1408.901	0.32455	0.569401	146.3478	40.98356	0.557907	84.2	0
1665.122	1062.622	317.4935	18.60041	0.380085	0.936862	482.0346	1407.568	0.316613	0.555954	175.8567	45.86515	0.624369	97.8	0
1665.275	1062.775	317.4979	18.59479	0.35834	1.092017	480.9377	1408.347	0.295437	0.515688	260.6467	63.67328	0.867058	100	0.8
1665.427	1062.927	317.5023	18.60546	0.366076	1.033779	480.2924	1407.697	0.302998	0.53444	224.3364	55.23787	0.75178	100	0.4
1665.579	1063.079	317.5067	18.55036	0.364966	1.038386	480.4306	1413.331	0.301943	0.531174	230.2996	56.52737	0.771561	100	0.5
1665.732	1063.232	317.5111	18.50044	0.382718	0.888072	481.3395	1414.502	0.319294	0.564115	160.8964	43.32046	0.592855	90.7	0
1665.884	1063.384	317.5155	18.44874	0.389683	0.864701	482.0274	1412.475	0.326133	0.578523	131.5753	38.74104	0.531636	79.2	0
1666.037	1063.537	317.5199	18.46119	0.389223	0.887371	482.5983	1410.071	0.325709	0.576537	134.9013	39.23491	0.538066	80.8	0
1666.189	1063.689	317.5242	18.40802	0.386683	0.933749	482.6134	1411.86	0.323251	0.570031	147.2706	41.12792	0.565619	86.7	0
1666.341	1063.841	317.5286	18.35533	0.380325	0.995057	482.2969	1408.346	0.317063	0.553379	178.7907	46.38192	0.639667	100	0
1666.494	1063.994	317.533	18.3201	0.381789	0.985996	481.9802	1404.046	0.31852	0.556491	172.4839	45.27839	0.625625	98.6	0
1666.646	1064.146	317.5374	18.30206	0.348425	1.225352	481.6637	1398.176	0.28604	0.487854	312.0267	79.1986	1.095374	100	1.6
1666.799	1064.299	317.5418	18.22036	0.340783	1.280513	481.2364	1391.166	0.278649	0.473139	342.5317	92.89839	1.290484	100	2.3
1666.951	1064.451	317.5462	18.15695	0.350614	1.201957	481.0304	1388.054	0.28822	0.493732	300.9058	75.29326	1.0495	100	1.4
1667.103	1064.603	317.5506	18.04847	0.363853	1.097874	480.9382	1386.16	0.301128	0.519585	247.4161	60.42805	0.847247	100	0.7
1667.256	1064.756	317.555	18.035	0.358311	1.117267	480.9564	1385.201	0.295759	0.506279	273.1885	66.97123	0.939683	100	1
1667.408	1064.908	317.5594	18.07068	0.353257	1.124294	480.861	1388.979	0.29087	0.495734	294.4865	73.20965	1.025246	100	1.3
1667.561	1065.061	317.5638	18.00986	0.365112	1.030678	480.6549	1392.914	0.302434	0.518622	246.9426	60.31587	0.847474	100	0.7
1667.713	1065.213	317.5681	18.00374	0.363834	1.045512	480.3445	1404.384	0.301217	0.509867	260.7049	63.68806	0.895163	100	0.8
1667.865	1065.365	317.5725	18.03462	0.360735	1.0618	480.7036	1408.655	0.298226	0.501623	276.2082	67.80242	0.951409	100	1
1668.018	1065.518	317.5769	18.04298	0.371394	0.974829	481.9012	1419.565	0.30864	0.534229	216.8409	53.66356	0.752679	100	0.4
1668.17	1065.67	317.5813	18.03749	0.360883	1.037259	483.6979	1426.199	0.298424	0.519927	250.6767	61.20773	0.858758	100	0.7
1668.323	1065.823	317.5857	18.04009	0.367048	1.025428	484.5424	1431.922	0.304456	0.538282	217.0213	53.70086	0.753337	100	0.4
1668.475	1065.975	317.5901	17.97544	0.364411	1.092441	483.9952	1434.203	0.301913	0.530795	230.8632	56.651	0.797524	100	0.6
1668.627	1066.127	317.5945	17.94139	0.377548	1.019129	482.401	1437.989	0.314754	0.557001	176.9787	46.06206	0.649665	100	0.1
1668.78	1066.28	317.5989	17.97969	0.36233	1.190681	481.7558	1431.306	0.29994	0.522562	244.9475	59.84599	0.842328	100	0.8
1668.932	1066.432	317.6032	18.004	0.361732	1.232707	482.0045	1430.323	0.299385	0.521834	246.719	60.26299	0.847088	100	0.8
1669.085	1066.585	317.6076	17.96624	0.343809	1.41357	483.1957	1419.522	0.281988	0.48363	323.4463	83.70671	1.179054	100	2
1669.237	1066.737	317.612	17.93741	0.353378	1.264239	484.2122	1418.236	0.29131	0.504581	281.6704	69.34704	0.978336	100	1.2
1669.389	1066.889	317.6164	17.96875	0.344953	1.337915	484.6788	1422.105	0.283152	0.487362	316.6903	80.97009	1.140378	100	1.8
1669.542	1067.042	317.6208	18.00145	0.349303	1.34659	485.1453	1427.242	0.287403	0.498277	295.7615	73.61476	1.034958	100	1.5
1669.694	1067.194	317.6252	18.07489	0.342019	1.493085	485.8916	1436.248	0.28036	0.481954	328.0074	85.68596	1.199901	100	2.1
1669.847	1067.347	317.6296	18.13503	0.347978	1.426231	486.8005	1438.654	0.28617	0.493683	303.8034	76.27199	1.064628	100	1.6
1669.999	1067.499	317.634	18.13321	0.341813	1.431398	487.2609	1449.029	0.280213	0.479182	332.0339	87.53513	1.221976	100	2.1
1670.151	1067.651	317.6383	18.08269	0.338194	1.426766	487.3313	1450.508	0.276731	0.475123	342.4423	92.84889	1.299704	100	2.4
1670.304	1067.804	317.6428	18.08277	0.346141	1.375899	487.0085	1449.355	0.284467	0.497152	301.3663	75.44713	1.056121	100	1.6
1670.456	1067.956	317.6471	17.97903	0.341717	1.394796	486.0776	1446.048	0.2802	0.492803	313.2553	79.6568	1.121345	100	1.8
1670.609	1068.109	317.6515	17.9846	0.344349	1.403558	484.8643	1441.804	0.282781	0.501309	297.9551	74.32166	1.045937	100	1.6
1670.761	1068.261	317.6559	17.90954	0.356217	1.272038	483.4384	1444.568	0.294339	0.525616	248.4614	60.67665	0.857417	100	0.9
1670.913	1068.413	317.6603	17.92577	0.364881	1.23163	482.9042	1433.618	0.302801	0.53963	217.4451	53.7886	0.759418	100	0.5
1671.066	1068.566	317.6647	17.937	0.363639	1.234794	483.0974	1433.635	0.301617	0.533978	226.8788	55.78351	0.787111	100	0.6
1671.218	1068.718	317.6691	17.95034	0.349442	1.389009	484.292	1425.925	0.287834	0.501973	290.0659	71.83601	1.012888	100	1.4
1671.371	1068.871	317.6735	17.89994	0.325614	1.620522	485.984	1422.842	0.264766	0.454325	387.6551	133.7581	1.891202	100	4.4
1671.523	1069.023	317.6779	17.88409	0.332117	1.505026	487.6701	1430.818	0.271085	0.47271	353.5641	99.63213	1.409933	100	2.8
1671.675	1069.175	317.6822	17.84273	0.338698	1.383615	488.0691	1438.195	0.277487	0.490022	320.8376	82.62419	1.171911	100	2
1671.828	1069.328	317.6866	17.88808	0.35165	1.251622	487.4637	1453.89	0.290087	0.517359	265.7249	64.98033	0.919383	100	1.1
1671.98	1069.48	317.691	17.91051	0.347678	1.35499	485.7007	1452.194	0.286254	0.509609	281.7096	69.35832	0.980135	100	1.3
1672.133	1069.633	317.6954	17.95494	0.358084	1.35467	484.4963	1459.611	0.296397	0.534464	233.4118	57.21399	0.806571	100	0.8
1672.285	1069.785	317.6998	17.98098	0.334696	1.733201	484.1889	1462.826	0.273716	0.485958	331.6497	87.35424	1.229743	100	2.3
1672.437	1069.937	317.7042	18.03029	0.339711	1.650133	484.9995	1470.177	0.278603	0.495762	311.3757	78.95818	1.108589	100	1.9
1672.59	1070.09	317.7086	17.95705	0.327745	1.79876	487.0877	1474.369	0.267041	0.464257	370.8077	113.561	1.600791	100	3.6
1672.742	1070.242	317.713	17.82088	0.344504	1.599161	489.669	1472.292	0.283307	0.496877	303.3458	76.11573	1.08098	100	1.7
1672.895	1070.395	317.7174	17.77412	0.336861	1.787083	491.5717	1466.374	0.275921	0.476865	341.156	92.14479	1.312005	100	2.6
1673.047	1070.547	317.7218	17.68097	0.340297	1.694913	491.7956	1458.002	0.279279	0.481279	330.4297	86.78617	1.242093	100	2.3
1673.199	1070.699	317.7261	17.54042	0.341962	1.775489	489.5717	1464.91	0.280921	0.485567	322.2463	83.2045	1.200193	100	2.2
1673.352	1070.852	317.7305	17.44051	0.344437	1.760263	486.5767	1459.704	0.283349	0.496415	303.926	76.31395	1.106996	100	1.9
1673.504	1071.004	317.7349	17.46318	0.356008	1.661524	483.8796	1453.856	0.294619	0.526743	246.5199	60.21594	0.872379	100	1.1
1673.657	1071.157	317.7393	17.45699	0.349722	1.742817	483.7504	1438.267	0.288535	0.514932	271.216	66.43651	0.962845	100	1.4

1673.809	1071.309	317.7437	17.40838	0.355648	1.683778	486.1243	1448.081	0.294322	0.523735	251.0816	61.30543	0.890926	100	1.1
1673.961	1071.461	317.7481	17.34171	0.334984	2.077955	489.7148	1450.327	0.27429	0.476862	343.4104	93.38867	1.362315	100	2.8
1674.114	1071.614	317.7525	17.21037	0.324256	2.26005	492.835	1452.714	0.263936	0.450775	393.6995	143.4459	2.108235	100	5.3
1674.266	1071.766	317.7569	17.22228	0.328861	2.183648	493.2864	1444.828	0.268415	0.461862	372.2182	114.9508	1.688312	100	3.9
1674.419	1071.919	317.7613	17.18397	0.339917	1.967027	492.1158	1432.847	0.279152	0.4864	323.5384	83.74553	1.232701	100	2.4
1674.571	1072.071	317.7656	17.25357	0.338993	2.02798	488.7277	1418.786	0.278282	0.487066	323.8199	83.86456	1.229575	100	2.4
1674.723	1072.223	317.77	17.29787	0.367904	1.58888	485.6167	1410.159	0.306417	0.549427	198.935	50.09696	0.732655	100	0.6
1674.876	1072.376	317.7744	17.31788	0.37725	1.422436	482.4061	1402.77	0.315562	0.567844	160.8993	43.32093	0.632846	100	0.2
1675.028	1072.528	317.7788	17.23642	0.362814	1.46944	479.9734	1393.405	0.301511	0.535512	224.909	55.36022	0.812482	100	0.8
1675.181	1072.681	317.7832	17.27212	0.347356	1.549604	478.2653	1379.845	0.286505	0.502041	291.8068	72.3714	1.059999	100	1.6
1675.333	1072.833	317.7876	17.32344	0.341708	1.533641	477.2852	1375.657	0.281049	0.492749	312.159	79.24767	1.157351	100	2
1675.485	1072.985	317.792	17.33951	0.336583	1.568322	477.2421	1371.78	0.276107	0.483764	331.3779	87.22683	1.272736	100	2.4
1675.638	1073.138	317.7964	17.26583	0.338874	1.513894	476.3018	1373.139	0.278354	0.490612	318.8264	81.81223	1.198747	100	2.1
1675.79	1073.29	317.8008	17.27972	0.33409	1.607831	474.5356	1373.48	0.273746	0.478336	342.1278	92.67537	1.356862	100	2.7
1675.943	1073.443	317.8052	17.18515	0.329287	1.689118	472.846	1379.358	0.269123	0.472609	356.4101	101.6028	1.495627	100	3.2
1676.095	1073.595	317.8095	17.16316	0.325161	1.752082	474.0558	1380.516	0.265158	0.465765	371.3258	114.0663	1.681229	100	3.8
1676.247	1073.747	317.8139	17.14009	0.336713	1.508244	477.6093	1384.174	0.276367	0.494696	315.9331	80.67637	1.19068	100	2.1
1676.4	1073.9	317.8183	17.1243	0.321867	1.656193	482.812	1386.944	0.262029	0.457015	387.7207	133.8549	1.977341	100	4.8
1676.552	1074.052	317.8227	17.11433	0.336841	1.513743	487.3699	1379.032	0.276545	0.4839	330.5858	86.85831	1.283845	100	2.4
1676.705	1074.205	317.8271	17.10811	0.341612	1.470161	487.2435	1368.184	0.281197	0.486075	321.1649	82.75817	1.223693	100	2.1
1676.857	1074.357	317.8315	17.13043	0.351092	1.319069	483.1705	1356.188	0.290428	0.507853	278.3732	68.40809	1.010223	100	1.3
1677.009	1074.509	317.8359	17.27255	0.326911	1.625088	477.006	1351.591	0.267011	0.4628	372.8603	115.5989	1.693335	100	3.8
1677.162	1074.662	317.8403	17.26212	0.313755	1.778884	472.8069	1351.546	0.254331	0.450458	407.3915	172.5667	2.52935	100	6.7
1677.314	1074.814	317.8446	17.24685	0.316341	1.654792	471.9129	1355.504	0.256852	0.471147	375.3615	118.2196	1.7343	100	4.1
1677.467	1074.967	317.849	17.22751	0.324029	1.342837	475.6137	1359.476	0.264305	0.487335	342.7372	93.01241	1.366027	100	2.7
1677.619	1075.119	317.8534	17.22965	0.328984	1.321933	479.2683	1369.923	0.269123	0.485687	338.3619	90.66433	1.331395	100	2.5
1677.771	1075.271	317.8578	17.22576	0.338293	1.33832	483.0584	1379.251	0.278165	0.48766	323.1607	83.58649	1.227745	100	2.1
1677.924	1075.424	317.8622	17.3376	0.352034	1.292045	484.0686	1391.018	0.29153	0.509044	275.2073	67.52518	0.985559	100	1.3
1678.076	1075.576	317.8666	17.42044	0.360757	1.229248	483.4726	1400.363	0.300043	0.521871	245.7583	60.03639	0.872177	100	0.9
1678.229	1075.729	317.871	17.4459	0.352316	1.366824	483.1067	1409.28	0.291858	0.501291	285.4542	70.45054	1.022015	100	1.4
1678.381	1075.881	317.8754	17.58581	0.337895	1.587768	483.5209	1416.978	0.277887	0.473023	343.745	93.57729	1.346935	100	2.6
1678.533	1076.033	317.8798	17.56871	0.331757	1.697666	484.4301	1422.297	0.271967	0.466856	360.424	104.5781	1.506732	100	3.2
1678.686	1076.186	317.8842	17.58003	0.332512	1.67071	484.9976	1422.76	0.272725	0.470554	354.2751	100.1143	1.441526	100	3
1678.838	1076.338	317.8885	17.53726	0.34539	1.498645	484.6751	1422.131	0.285238	0.494133	304.4682	76.50015	1.104156	100	1.8
1678.991	1076.491	317.8929	17.49674	0.354132	1.365214	483.4093	1421.2	0.293757	0.507601	274.1254	67.22745	0.972535	100	1.2
1679.143	1076.643	317.8973	17.65294	0.361442	1.29335	482.1499	1420.152	0.300896	0.52132	245.3411	59.93832	0.859577	100	0.8
1679.295	1076.795	317.9017	17.79648	0.366311	1.21196	481.8423	1410.359	0.305667	0.533091	222.5151	54.85066	0.780411	100	0.6
1679.448	1076.948	317.9061	17.81283	0.365053	1.186511	482.9264	1401.751	0.304467	0.534391	222.3758	54.82118	0.7793	100	0.6
1679.6	1077.1	317.9105	17.7016	0.349826	1.255007	484.5631	1392.901	0.289679	0.50549	282.6668	69.63485	0.995981	100	1.3
1679.753	1077.253	317.9149	17.70529	0.36091	1.158968	485.9082	1382.372	0.300485	0.531172	232.3128	56.97042	0.814686	100	0.7
1679.905	1077.405	317.9193	17.59085	0.354825	1.228378	485.6959	1365.753	0.294591	0.518765	257.5687	62.89842	0.9052	100	1
1680.057	1077.557	317.9236	17.48054	0.349836	1.285877	484.6503	1361.477	0.289769	0.509847	276.5295	67.89177	0.983118	100	1.3
1680.21	1077.71	317.928	17.45801	0.337497	1.37141	483.3334	1366.396	0.277821	0.483003	330.0629	86.61724	1.255878	100	2.2
1680.362	1077.862	317.9324	17.46204	0.337411	1.343874	482.7435	1368.715	0.277765	0.477851	337.2509	90.09333	1.305998	100	2.4
1680.515	1078.015	317.9368	17.36674	0.349503	1.275931	482.7676	1365.954	0.289525	0.496645	295.0855	73.39948	1.069745	100	1.5
1680.667	1078.167	317.9412	17.22354	0.351711	1.238814	483.3489	1369.03	0.291697	0.498206	289.9339	71.79568	1.054927	100	1.4
1680.819	1078.319	317.9456	17.32893	0.346267	1.31611	484.65	1367.107	0.286436	0.490708	307.5422	77.5738	1.133031	100	1.7
1680.972	1078.472	317.95	17.45567	0.314565	1.648251	485.7246	1372.498	0.25578	0.42791	436.5078	261.9042	3.798114	100	10.7
1681.124	1078.624	317.9544	17.47689	0.313877	1.697157	486.2896	1373.655	0.255144	0.430229	434.186	255.2253	3.696891	100	10.4
1681.277	1078.777	317.9588	17.50514	0.307473	1.919233	485.2388	1377.226	0.248997	0.417251	460.5778	326.7502	4.72548	100	14.1
1681.429	1078.929	317.9632	17.5388	0.311789	1.900626	483.1867	1381.522	0.253183	0.425214	443.8123	282.4115	4.076611	100	11.8
1681.581	1079.081	317.9675	17.54035	0.322115	1.694708	480.7017	1386.898	0.263176	0.451095	394.3067	144.5108	2.085858	100	5.1
1681.734	1079.234	317.9719	17.51027	0.337937	1.44656	479.5618	1391.596	0.278515	0.490027	319.4115	82.04649	1.186262	100	2
1681.886	1079.386	317.9763	17.52866	0.341016	1.391599	480.434	1398.233	0.281527	0.50187	298.9124	74.63421	1.077994	100	1.7
1682.039	1079.539	317.9807	17.54108	0.34072	1.475517	483.077	1398.354	0.281267	0.501504	299.7771	74.91871	1.081365	100	1.7
1682.191	1079.691	317.9851	17.50158	0.346062	1.464917	485.5411	1390.695	0.286477	0.507499	284.3138	70.11491	1.014279	100	1.5
1682.343	1079.843	317.9895	17.50857	0.344783	1.498255	486.6589	1386.531	0.285262	0.499666	296.7994	73.94763	1.069317	100	1.7
1682.496	1079.996	317.9939	17.61541	0.346979	1.421917	485.6972	1379.927	0.28742	0.505253	286.1107	70.64496	1.015495	100	1.5
1682.648	1080.148	317.9983	17.67467	0.333893	1.52156	481.5772	1370.913	0.274757	0.481087	336.9362	89.93338	1.288527	100	2.4
1682.801	1080.301	318.0027	17.6614	0.331955	1.524769	476.6328	1355.792	0.272907	0.477199	344.8539	94.20987	1.350808	100	2.6
1682.953	1080.453	318.007	17.65383	0.330941	1.481779	472.0928	1343.632	0.271951	0.476776	346.7563	95.32344	1.367365	100	2.7
1683.105	1080.605	318.0114	17.66316	0.335286	1.394895	470.4709	1338.482	0.276186	0.487209	326.5142	85.02522	1.219025	100	2.2
1683.258	1080.758	318.0158	17.5687	0.323219	1.464601	473.2501	1334.533	0.264536	0.466184	371.6065	114.3425	1.648011	100	3.6
1683.41	1080.91	318.0202	17.49718	0.319431	1.512515	479.2485	1335.439	0.260904	0.457086	389.1735	136.0446	1.968683	100	4.7
1683.563	1081.063	318.0246	17.61049	0.318454	1.593128	485.6705	1333.913	0.259987	0.450525	399.4947	154.3894	2.220079	100	5.6
1683.715	1081.215	318.029	17.61267	0.342791	1.414602	489.5095	1352.653	0.283569	0.499555	299.2897	74.75809	1.074884	100	1.7
1683.867	1081.367	318.0334	17.73489	0.344233	1.428003	490.0161	1370.423	0.284995	0.502086	293.8289	73.00232	1.042564	100	1.6
1684.02	1081.52	318.0378	17.7607	0.351392	1.380913	488.4659	1386.405	0.291974	0.519483	260.1902	63.55755	0.9064	100	1.1
1684.172	1081.672	318.0422	17.76062	0.344124	1.490885	486.302	1396.942	0.284942	0.505346	289.4017	71.63358	1.021589	100	1.5
1684.325	1081.825	318.0466	17.78099	0.332999	1.725953	483.86	1399.149	0.274184	0.480734	338.2139	90.58766	1.290465	100	2.5
1684.477	1081.977	318.0509	17.78361	0.325184	1.89973	480.8127	1397.013	0.266649	0.465346	369.8472	112.6402	1.604401	100	3.7
1684.629	1082.129	318.0553	17.7856	0.322604	2.013596	478.4992	1392.489	0.264182	0.461093	379.1206	122.4695	1.744235	100	4.2
1684.782	1082.282	318.0597	17.91119	0.332291	1.813789	477.9741	1393.192	0.273579	0.479709	340.4638	91.77189	1.29808	100	2.6
1684.934	1082.434	318.0641	17.89532	0.323531	1.872827	479.1165	1393.011	0.265131	0.461249	377.5956	120.6979	1.708729	100	4
1685.087	1082.587	318.0685	17.87942	0.317804	1.897292	481.1371	1389.905	0.259626	0.46193	384.253	128.9573	1.827267	100	4.5
1685.239	1082.739	318.0729	17.86679	0.32974	1.63458	482.4851	1384.519	0.271189	0.488444	331.7072	87.38121	1.239023	100	2.4
1685.391	1082.891	318.0773	17.84486	0.347654	1.503399	482.5617	1379.234	0.288582	0.521702	261.8081	63.96899	0.90815	100	1.2
1685.544	1083.044	318.0817	17.88985	0.364269	1.365626	482.5829	1379.896	0.30477	0.542375	210.9402	52.4589	0.742921	100	0.5
1685.696	1083.196	318.086	17.88062	0.363007	1.409067	483.0491	1379.564	0.303567	0.5355	222.0873	54.76015	0.775911	100	0.7
1685.849	1083.349	318.0905	17.91977	0.364742	1.316548	483.7371	1376.959	0.305284	0.537858	216.4639	53.5857	0.757656	100	0.6

1686.001	1083.501	318.0948	18.078	0.349128	1.435723	484.5289	1369.29	0.29012	0.500917	288.3692	71.32086	0.999799	100	1.4
1686.153	1083.653	318.0992	17.97118	0.344057	1.404269	484.1481	1366.438	0.285223	0.498419	298.5745	74.52358	1.050776	100	1.6
1686.306	1083.806	318.1036	17.89072	0.322432	1.6848	482.8208	1357.785	0.264308	0.454408	388.1716	134.5255	1.905163	100	4.5
1686.458	1083.958	318.108	17.88357	0.322009	1.702522	481.0606	1343.019	0.263926	0.456626	385.6391	130.8615	1.85402	100	4.4
1686.611	1084.111	318.1124	17.8761	0.331236	1.658804	480.2947	1333.67	0.272876	0.47513	347.7524	95.9213	1.359565	100	2.7
1686.763	1084.263	318.1168	17.88626	0.340034	1.48524	479.3031	1320.224	0.281427	0.494198	309.6376	78.32397	1.109541	100	1.8
1686.915	1084.415	318.1212	18.00936	0.340393	1.416952	477.5307	1314.321	0.281802	0.498454	303.2474	76.08222	1.070591	100	1.7
1687.068	1084.568	318.1256	18.0436	0.322066	1.572653	475.2083	1300.923	0.264087	0.461117	379.2181	122.585	1.721776	100	3.9
1687.22	1084.72	318.1299	18.04852	0.318708	1.552299	473.8474	1302.353	0.260871	0.457213	389.0448	135.847	1.907562	100	4.6
1687.373	1084.873	318.1343	17.98207	0.312704	1.575406	474.3784	1298.612	0.255104	0.444553	414.4746	192.9334	2.718985	100	7.3
1687.525	1085.025	318.1387	17.9927	0.341327	1.241737	476.1871	1297.869	0.282814	0.502623	296.0974	73.72218	1.038369	100	1.5
1687.677	1085.177	318.1431	17.89522	0.340054	1.289452	478.3197	1294.966	0.281606	0.493025	311.0094	78.82356	1.116148	100	1.8
1687.83	1085.33	318.1475	17.79048	0.345734	1.295904	479.9059	1296.025	0.287144	0.499113	294.9664	73.36167	1.044805	100	1.5
1687.982	1085.482	318.1519	17.73275	0.339348	1.419329	481.8272	1299.563	0.280975	0.482547	326.3394	84.94868	1.213696	100	2.1
1688.135	1085.635	318.1563	17.77098	0.366376	1.190818	484.1871	1302.76	0.307276	0.534668	218.1177	53.92818	0.768879	100	0.5
1688.287	1085.787	318.1607	17.74587	0.373025	1.131328	486.0878	1305.016	0.313785	0.550317	187.5386	47.95866	0.684724	100	0.2
1688.439	1085.939	318.165	17.71025	0.362203	1.202198	486.0906	1303.631	0.303263	0.538406	218.4961	54.00688	0.772605	100	0.6
1688.592	1086.092	318.1694	17.71871	0.349417	1.286212	484.3702	1306.246	0.290853	0.524079	255.3932	62.35825	0.89167	100	1
1688.744	1086.244	318.1738	17.74965	0.340648	1.316653	481.5412	1305.228	0.282369	0.508177	289.0468	71.52581	1.021024	100	1.5
1688.897	1086.397	318.1782	17.66168	0.353875	1.150357	478.7796	1305.988	0.295239	0.528077	243.8238	59.5833	0.854706	100	0.8
1689.049	1086.549	318.1826	17.65879	0.347725	1.194272	477.6797	1301.82	0.28929	0.512739	273.2011	66.97466	0.960898	100	1.2
1689.201	1086.701	318.187	17.6985	0.34881	1.211161	476.5215	1303.375	0.29037	0.513978	270.0007	66.11021	0.946421	100	1.2
1689.354	1086.854	318.1914	17.68832	0.324829	1.421664	474.8779	1309.698	0.267157	0.455224	383.1148	127.4442	1.825517	100	4.2
1689.506	1087.006	318.1958	17.70019	0.32252	1.468546	475.022	1310.426	0.264951	0.452094	390.478	138.085	1.976659	100	4.7
1689.659	1087.159	318.2002	17.7451	0.316995	1.521106	476.8415	1305.994	0.259642	0.45745	390.4129	137.9814	1.970302	100	4.8
1689.811	1087.311	318.2046	17.67026	0.328008	1.436975	480.7249	1293.076	0.270311	0.491363	328.8902	86.08277	1.234332	100	2.3
1689.963	1087.463	318.2089	17.59672	0.331105	1.393606	485.4474	1284.452	0.273334	0.493473	321.8066	83.02233	1.195339	100	2.1
1690.116	1087.616	318.2133	17.50713	0.340555	1.256308	491.7661	1279.143	0.282517	0.498097	302.7525	75.91411	1.098494	100	1.7
1690.268	1087.768	318.2177	17.53684	0.332624	1.298376	496.8123	1275.426	0.274858	0.475749	344.1626	93.81413	1.355271	100	2.5
1690.421	1087.921	318.2221	17.6279	0.323666	1.353752	502.4511	1278.216	0.266218	0.454619	385.2454	130.3136	1.873041	100	4.3
1690.573	1088.073	318.2265	17.66895	0.316197	1.463251	505.7832	1272.627	0.259032	0.432902	425.1312	228.4087	3.275557	100	8.9
1690.725	1088.225	318.2309	17.71587	0.337495	1.171799	504.4255	1268.3	0.279656	0.481652	329.3951	86.31186	1.23458	100	2.1
1690.878	1088.378	318.2353	17.6978	0.347656	1.007467	498.8903	1259.771	0.289541	0.505591	282.7174	69.64953	0.997255	100	1.2
1691.03	1088.53	318.2397	17.69534	0.349653	1.037228	490.0596	1275.133	0.291507	0.516929	264.3576	64.62479	0.925447	100	1
1691.183	1088.683	318.2441	17.60567	0.335631	1.353219	485.1756	1286.643	0.277929	0.486885	324.5561	84.1778	1.211484	100	2.1
1691.335	1088.835	318.2484	17.50964	0.330442	1.514564	481.9317	1300.793	0.272931	0.474095	349.1036	96.74929	1.399918	100	2.8
1691.487	1088.987	318.2528	17.52044	0.335586	1.382723	482.509	1305.304	0.277939	0.482183	331.0316	87.06524	1.259047	100	2.3
1691.64	1089.14	318.2572	17.50429	0.348938	1.209632	483.1346	1310.444	0.290919	0.509218	275.8112	67.69224	0.979792	100	1.2
1691.792	1089.292	318.2616	17.54683	0.347188	1.185145	483.1381	1305.094	0.289245	0.502249	287.738	71.13085	1.027126	100	1.4
1691.945	1089.445	318.266	17.5802	0.349521	1.202625	481.5189	1302.945	0.291539	0.503044	283.4756	69.86992	1.007052	100	1.3
1692.097	1089.597	318.2704	17.59618	0.350277	1.154272	477.6792	1290.123	0.292299	0.509651	273.3096	67.00425	0.9649	100	1.2
1692.249	1089.749	318.2748	17.49815	0.337817	1.235014	473.5755	1280.474	0.280233	0.490743	316.0526	80.72256	1.168852	100	1.9
1692.402	1089.902	318.2792	17.52176	0.33955	1.142159	470.1996	1265.512	0.28194	0.500039	300.8698	75.28125	1.088635	100	1.6
1692.554	1090.054	318.2836	17.49956	0.340838	1.113431	468.4947	1253.542	0.283216	0.503374	294.5065	73.21598	1.060099	100	1.5
1692.707	1090.207	318.288	17.57318	0.347531	1.028169	467.9016	1237.343	0.289738	0.517241	266.3682	65.14853	0.939424	100	1.1
1692.859	1090.359	318.2923	17.56529	0.356835	0.972577	467.6923	1226.349	0.298808	0.536497	227.2798	55.87014	0.805996	100	0.6
1693.011	1090.511	318.2967	17.52237	0.363594	0.893458	466.7583	1215.163	0.305414	0.551179	197.9014	49.89896	0.721593	100	0.3
1693.164	1090.664	318.3011	17.53193	0.351009	0.932816	465.5938	1211.227	0.293196	0.527968	246.793	60.28048	0.871265	100	0.8
1693.316	1090.816	318.3055	17.44951	0.337353	1.004348	463.4528	1216.506	0.279969	0.503482	298.8375	74.60965	1.083382	100	1.5
1693.469	1090.969	318.3099	17.34716	0.319441	1.164353	463.3971	1216.663	0.262667	0.470632	368.0466	110.9675	1.620676	100	3.5
1693.621	1091.121	318.3143	17.2851	0.311443	1.26852	461.1348	1214.157	0.254976	0.451881	404.5373	165.5068	2.425775	100	6.3
1693.773	1091.273	318.3187	17.24081	0.294173	1.451425	459.6554	1207.547	0.238385	0.42312	467.1235	343.0973	5.041412	100	15.7
1693.926	1091.426	318.3231	17.15651	0.258179	1.955211	459.6487	1198.15	0.203991	0.386409	565.2477	538.2314	7.94698	100	29.6
1694.078	1091.578	318.3274	17.11144	0.23508	2.404647	463.3528	1190.62	0.182095	0.390183	590.2569	576.809	8.538744	100	35.3
1694.231	1091.731	318.3319	17.05984	0.227104	2.558719	466.9829	1185.673	0.174584	0.382844	610.7492	606.0458	8.998357	100	38.7
1694.383	1091.883	318.3362	16.9126	0.283683	1.510363	468.5949	1182.137	0.228429	0.46094	428.6711	239.0409	3.579662	100	11.2
1694.535	1092.035	318.3406	16.76051	0.311284	1.214351	467.0466	1179.338	0.254982	0.475471	371.9756	114.7085	1.733156	100	4
1694.688	1092.188	318.345	16.79867	0.308798	1.251446	465.2894	1179.085	0.252613	0.455445	402.88	161.6715	2.437287	100	6.3
1694.84	1092.34	318.3494	16.78521	0.295205	1.414553	465.0373	1174.347	0.239562	0.427167	459.914	325.0633	4.904442	100	15.2
1694.993	1092.493	318.3538	16.72469	0.30294	1.344918	465.7157	1181.512	0.247025	0.444585	425.5783	229.7624	3.478987	100	10
1695.145	1092.645	318.3582	16.62996	0.302079	1.376287	465.4972	1172.747	0.246223	0.441137	431.4424	247.2308	3.764574	100	11
1695.297	1092.797	318.3626	16.53726	0.30836	1.252077	463.611	1176.638	0.252297	0.450668	409.9095	179.3136	2.745545	100	7.3
1695.45	1092.95	318.367	16.46969	0.314971	1.192732	460.7204	1161.407	0.258697	0.462019	385.4119	130.5447	2.00695	100	4.8
1695.602	1093.102	318.3713	16.48023	0.320408	1.151054	457.79	1157.513	0.263972	0.476253	358.4902	103.1145	1.584264	100	3.3
1695.755	1093.255	318.3757	16.36777	0.31201	1.285849	456.0358	1147.57	0.255894	0.464837	385.3914	130.5161	2.018908	100	4.9
1695.907	1093.407	318.3801	16.36285	0.297986	1.465157	455.8428	1139.647	0.24242	0.43765	441.5046	276.0142	4.270886	100	12.9
1696.059	1093.559	318.3845	16.35843	0.297748	1.49456	457.0916	1127.793	0.242217	0.433775	447.1301	291.4806	4.511463	100	13.7
1696.212	1093.712	318.3889	16.36186	0.299406	1.446593	458.6731	1119.203	0.243838	0.434848	443.4139	281.3123	4.353231	100	13.1
1696.364	1093.864	318.3933	16.30699	0.304013	1.380322	460.2515	1118.533	0.248296	0.443806	424.8987	227.7035	3.535417	100	10.1
1696.517	1094.017	318.3977	16.47139	0.311247	1.290336	461.5012	1133.257	0.255291	0.460429	392.3068	141.07	2.168722	100	5.4
1696.669	1094.169	318.4021	16.58945	0.315479	1.267394	463.313	1148.708	0.259398	0.468494	375.5089	118.379	1.807114	100	4.2
1696.821	1094.321	318.4064	16.62402	0.313513	1.332844	465.7882	1163.566	0.257529	0.462786	385.9653	131.3198	2.00057	100	4.9
1696.974	1094.474	318.4109	16.63766	0.327441	1.187007	468.1436	1174.631	0.271008	0.49014	329.616	86.41259	1.315388	100	2.4
1697.126	1094.626	318.4152	16.61304	0.32114	1.284441	469.7252	1180.811	0.264943	0.473209	361.3509	105.3006	1.605269	100	3.5
1697.279	1094.779	318.4196	16.66361	0.318936	1.320295	471.0824	1189.06	0.262842	0.465563	374.8023	117.6201	1.787725	100	4.1
1697.431	1094.931	318.424	16.75262	0.317898	1.390905	472.3228	1193.534	0.261865	0.461548	381.6902	125.6117	1.899205	100	4.5
1697.583	1095.083	318.4284	16.84224	0.320231	1.353076	472.7832	1202.286	0.264145	0.466653	371.4999	114.2373	1.718186	100	3.9
1697.736	1095.236	318.4328	16.8144	0.29071	1.707883	472.6293	1204.505	0.235749	0.402854	498.7287	415.2868	6.256389	100	20.2
1697.888	1095.388	318.4372	16.81618	0.292847	1.62179	472.1364	1204.696	0.237827	0.412649	482.343	379.1866	5.712003	100	18.2
1698.041	1095.541	318.4416	16.80055	0.299744	1.521542	470.7488	1196.655	0.24448	0.432994	445.0853	285.9091	4.310889	100	13

1698.193	1095.693	318.446	16.83531	0.311651	1.400763	468.0732	1192.892	0.255971	0.460729	390.954	138.8476	2.089283	100	5.2
1698.345	1095.845	318.4503	16.86277	0.30044	1.572568	463.8005	1189.866	0.245202	0.439017	435.7776	259.8123	3.903248	100	11.6
1698.498	1095.998	318.4547	16.87133	0.311556	1.399921	460.4122	1194.631	0.255932	0.466069	383.6383	128.1347	1.924071	100	4.7
1698.65	1096.15	318.4591	16.96779	0.312094	1.359603	457.0395	1200.919	0.256477	0.466915	381.7193	125.6485	1.876192	100	4.5
1698.803	1096.303	318.4635	17.06502	0.320471	1.256093	455.7245	1206.286	0.264588	0.480831	351.3227	98.15378	1.457433	100	3
1698.955	1096.455	318.4679	17.20632	0.345217	1.041944	455.4231	1214.694	0.288577	0.527719	253.5122	61.89611	0.911647	100	1
1699.107	1096.607	318.4723	17.29829	0.331381	1.158321	456.9678	1225.951	0.275191	0.497491	313.6988	79.82367	1.169564	100	1.9
1699.26	1096.76	318.4767	17.38329	0.340048	1.062544	460.6285	1241.15	0.283614	0.513715	279.6853	68.7793	1.002914	100	1.3
1699.412	1096.912	318.4811	17.43677	0.327483	1.129077	466.3381	1253.928	0.271472	0.48522	335.7652	89.34468	1.298881	100	2.4
1699.565	1097.065	318.4855	17.42019	0.332907	1.070184	470.6807	1267.08	0.276747	0.496454	312.9828	79.55465	1.15765	100	1.8
1699.717	1097.217	318.4898	17.47644	0.323947	1.216251	471.7307	1283.498	0.268105	0.476532	352.4015	98.85752	1.434009	100	2.9
1699.869	1097.369	318.4942	17.53893	0.311931	1.458733	469.2829	1298.902	0.256531	0.452221	401.9221	159.5381	2.306164	100	5.9
1700.022	1097.522	318.4986	17.53107	0.298555	1.732928	465.8511	1313.629	0.24368	0.422218	461.0602	327.9728	4.743072	100	14.6
1700.174	1097.674	318.503	17.57269	0.307182	1.52878	463.5903	1314.462	0.252008	0.443528	420.1606	212.7976	3.070316	100	8.6
1700.327	1097.827	318.5074	17.63072	0.320613	1.279855	462.607	1312.352	0.264989	0.470875	364.5067	107.8691	1.551366	100	3.3
1700.479	1097.979	318.5118	17.69985	0.337195	1.081416	462.2289	1300.861	0.281059	0.508294	290.6919	72.02771	1.031943	100	1.4
1700.631	1098.131	318.5162	17.77116	0.334692	1.105922	461.301	1292.83	0.278661	0.505042	298.4903	74.49607	1.063122	100	1.6
1700.784	1098.284	318.5206	17.84217	0.334887	1.102315	460.5941	1286.477	0.278876	0.506336	296.4079	73.82174	1.049404	100	1.5
1700.936	1098.436	318.525	17.8647	0.332224	1.109137	460.1362	1282.355	0.276323	0.498611	310.5904	78.67024	1.11696	100	1.8
1701.089	1098.589	318.5294	17.93921	0.341816	1.024041	463.0168	1278.023	0.285646	0.518741	269.9453	66.09537	0.934617	100	1.1
1701.241	1098.741	318.5337	17.94062	0.348017	0.981687	467.218	1271.728	0.291691	0.530445	245.4527	59.96455	0.847869	100	0.8
1701.393	1098.893	318.5381	17.88165	0.335625	1.079204	471.401	1260.765	0.279696	0.502619	300.4057	75.12685	1.065698	100	1.6
1701.546	1099.046	318.5425	17.80612	0.316077	1.206542	472.6293	1246.442	0.260821	0.459031	386.6055	132.2308	1.883547	100	4.4
1701.698	1099.198	318.5469	17.79368	0.303974	1.357105	471.3911	1234.535	0.249183	0.436104	434.3042	255.5674	3.642937	100	10.5
1701.851	1099.351	318.5513	17.63217	0.287183	1.552407	467.2158	1224.284	0.233079	0.404356	500.3393	418.6922	6.021816	100	19.6
1702.003	1099.503	318.5557	17.55495	0.30164	1.339384	462.4402	1209.03	0.24699	0.446391	423.1339	222.3235	3.211389	100	9.2
1702.155	1099.655	318.5601	17.55317	0.266754	1.697134	458.5114	1197.857	0.213591	0.370141	574.4497	552.829	7.986317	100	28.7
1702.308	1099.808	318.5645	17.57544	0.299659	1.293988	456.6989	1186.558	0.245137	0.445738	426.5931	232.8229	3.359281	100	9.7
1702.46	1099.96	318.5688	17.59767	0.297109	1.349291	456.4405	1173.665	0.242713	0.437245	441.6589	276.4442	3.983772	100	11.9
1702.613	1100.113	318.5733	17.55469	0.307229	1.278866	456.4585	1169.349	0.252476	0.461219	395.1015	145.9321	2.108069	100	5.3
1702.765	1100.265	318.5776	17.46281	0.308073	1.268875	456.3598	1160.639	0.253314	0.466218	387.046	132.8665	1.929264	100	4.7
1702.917	1100.417	318.582	17.37253	0.312729	1.223812	455.9357	1162.455	0.257829	0.476607	366.4789	109.5654	1.599062	100	3.6
1703.07	1100.57	318.5864	17.34965	0.306489	1.295051	455.7294	1165.557	0.251842	0.461412	395.7106	147.043	2.148839	100	5.5
1703.222	1100.722	318.5908	17.36689	0.311175	1.224835	455.7537	1172.87	0.256383	0.469329	378.5179	121.7613	1.777664	100	4.2
1703.375	1100.875	318.5952	17.33637	0.327599	1.074985	456.2816	1181.084	0.27227	0.501011	312.8736	79.51382	1.162891	100	1.9
1703.527	1101.027	318.5996	17.2533	0.335572	1.005308	457.6479	1195.579	0.280015	0.512243	286.6848	70.81573	1.040595	100	1.4
1703.679	1101.179	318.604	17.21741	0.323775	1.085798	460.1846	1204.58	0.268624	0.481149	345.3134	94.47553	1.391123	100	2.7
1703.832	1101.332	318.6084	17.11845	0.310287	1.195517	463.332	1213.022	0.255633	0.449925	406.3313	169.8745	2.515605	100	6.5
1703.984	1101.484	318.6127	17.01513	0.300368	1.386708	466.6923	1217.233	0.24611	0.431458	444.9571	285.5579	4.254044	100	12.7
1704.137	1101.637	318.6171	16.95542	0.291856	1.570559	469.1643	1219.899	0.237957	0.418138	474.5893	361.1256	5.398524	100	17.1
1704.289	1101.789	318.6215	16.87607	0.289814	1.625603	471.1327	1220.72	0.236025	0.416717	479.2165	371.9828	5.586664	100	17.9
1704.441	1101.941	318.6259	16.96611	0.289818	1.584605	472.5331	1218.877	0.236055	0.413868	483.1061	380.929	5.691169	100	18.3
1704.594	1102.094	318.6303	16.89571	0.29539	1.455566	472.2591	1218.378	0.24143	0.421669	464.9239	337.6617	5.065518	100	15.7
1704.746	1102.246	318.6347	16.78912	0.314518	1.264532	470.6525	1214.23	0.259871	0.459758	386.912	132.6724	2.0028	100	4.8
1704.899	1102.399	318.6391	16.7514	0.300717	1.43029	468.1058	1212.193	0.246603	0.429582	446.8637	290.7581	4.399038	100	13.2
1705.051	1102.551	318.6435	16.84094	0.309799	1.422456	466.0137	1201.67	0.255373	0.454314	400.6322	156.7573	2.359258	100	6.1
1705.203	1102.703	318.6478	16.73254	0.317443	1.331453	465.7093	1190.772	0.262772	0.473945	363.3316	106.8925	1.619072	100	3.6
1705.356	1102.856	318.6523	16.63604	0.315664	1.340629	466.9036	1178.519	0.261081	0.471257	369.3734	112.1934	1.709113	100	3.9
1705.508	1103.008	318.6566	16.53522	0.317117	1.304655	468.2517	1183.935	0.26251	0.475971	360.897	104.9451	1.608341	100	3.5
1705.661	1103.161	318.661	16.58731	0.309768	1.387574	468.7672	1189.158	0.255449	0.463	388.5413	135.0813	2.063798	100	5.2
1705.813	1103.313	318.6654	16.64263	0.317771	1.33776	468.5642	1206.909	0.263193	0.480804	353.2836	99.44365	1.51435	100	3.2
1705.965	1103.465	318.6698	16.55476	0.314707	1.364222	468.702	1226.861	0.260263	0.472677	368.5427	111.4215	1.705666	100	3.9
1706.118	1103.618	318.6742	16.46003	0.312305	1.430332	469.5677	1235.357	0.257973	0.46396	383.7326	128.26	1.974623	100	4.8
1706.27	1103.77	318.6786	16.3423	0.306919	1.521081	471.7082	1239.194	0.252809	0.449245	411.1648	182.8725	2.835499	100	7.8
1706.423	1103.923	318.683	16.27596	0.313709	1.501316	473.8424	1243.055	0.25938	0.462043	384.437	129.2061	2.011487	100	5
1706.575	1104.075	318.6874	16.21869	0.308523	1.587231	475.3009	1250.256	0.254407	0.447618	411.2051	182.989	2.858774	100	7.9
1706.727	1104.227	318.6917	16.19031	0.302468	1.678401	475.2577	1261.26	0.248603	0.430335	443.0657	280.3499	4.387462	100	13.1
1706.88	1104.38	318.6961	16.27385	0.296317	1.721816	474.8364	1273.933	0.242715	0.413093	474.985	362.0632	5.637544	100	17.7
1707.032	1104.532	318.7005	16.35986	0.2977	1.693276	475.1555	1277.527	0.244071	0.419449	464.3424	336.215	5.207902	100	16.2
1707.185	1104.685	318.7049	16.44625	0.29194	1.792153	477.9839	1277.086	0.238565	0.412098	482.0859	378.5982	5.834015	100	18.7
1707.337	1104.837	318.7093	16.45988	0.303564	1.66878	483.5488	1276.485	0.249763	0.44448	421.9448	218.6705	3.366888	100	9.7
1707.489	1104.989	318.7137	16.47713	0.3026	1.772174	490.5883	1270.172	0.248862	0.445075	422.3678	219.9724	3.38347	100	9.8
1707.642	1105.142	318.7181	16.49068	0.309653	1.775664	496.4512	1263.206	0.25568	0.460487	391.6897	140.0459	2.15237	100	5.6
1707.794	1105.294	318.7225	16.51179	0.301261	1.887754	499.5819	1247.559	0.247627	0.441718	428.7043	239.1398	3.670747	100	10.9
1707.947	1105.447	318.7269	16.52654	0.302416	1.674467	501.0976	1243.228	0.248764	0.445568	421.8216	218.2907	3.347801	100	9.7
1708.099	1105.599	318.7313	16.54268	0.298088	1.587282	501.561	1231.392	0.244627	0.435252	441.7664	276.7436	4.24022	100	12.8
1708.251	1105.751	318.7356	16.5576	0.291927	1.589029	501.5699	1221.503	0.238737	0.420436	470.3422	350.9486	5.372454	100	17
1708.404	1105.904	318.74	16.62433	0.28814	1.552616	500.4084	1217.411	0.235129	0.409885	489.8808	396.1303	6.040141	100	19.6
1708.556	1106.056	318.7444	16.63867	0.292248	1.503427	498.5897	1209.585	0.239097	0.421123	468.8968	347.4378	5.293239	100	16.7
1708.709	1106.209	318.7488	16.70089	0.291467	1.467735	497.508	1208.834	0.238373	0.423046	467.2416	343.3876	5.212354	100	16.5
1708.861	1106.361	318.7532	16.81423	0.301501	1.311387	498.3738	1210.346	0.248041	0.446602	421.3922	216.9654	3.271498	100	9.3
1709.013	1106.513	318.7576	16.88451	0.296703	1.413242	500.5695	1207.098	0.243454	0.435017	443.7089	282.1265	4.236614	100	12.8
1709.166	1106.666	318.762	16.99761	0.294771	1.471657	502.5348	1210.231	0.241625	0.428918	454.6516	311.4949	4.647011	100	14.3
1709.318	1106.818	318.7664	17.11637	0.294671	1.542526	503.7753	1209.405	0.241555	0.429429	454.0425	309.9016	4.591705	100	14.2
1709.471	1106.971	318.7708	17.19222	0.295417	1.514509	504.3431	1221.058	0.242297	0.434098	446.5743	289.972	4.277811	100	13.1
1709.623	1107.123	318.7751	17.24316	0.291428	1.587119	503.7989	1218.335	0.238494	0.426257	462.6447	331.9682	4.883185	100	15.4
1709.775	1107.275	318.7795	17.16709	0.285601	1.68257	503.0633	1223.795	0.232931	0.41138	490.8504	398.2674	5.884039	100	19.3
1709.928	1107.428	318.7839	17.25408	0.291795	1.623762	505.3431	1218.963	0.238899	0.423563	465.8026	339.84	4.995982	100	15.8
1710.08	1107.58	318.7883	17.37914	0.29147	1.555166	511.5686	1207.929	0.238613	0.422507	467.6545	344.401	5.027274	100	15.9
1710.233	1107.733	318.7927	17.506	0.291544	1.511901	518.8168	1206.016	0.23871	0.420472	470.328	350.9142	5.085945	100	16.1

1710.385	1107.885	318.7971	17.42839	0.285189	1.806595	522.5573	1194.638	0.232641	0.39668	511.538	441.7091	6.429944	100	21.3
1710.537	1108.037	318.8015	17.5568	0.288878	2.000743	523.629	1186.503	0.236205	0.397068	506.0831	430.6398	6.223856	100	20.4
1710.69	1108.19	318.8059	17.6849	0.285387	2.047605	524.0032	1180.764	0.232884	0.387232	524.2401	466.4941	6.694207	100	22.3
1710.842	1108.342	318.8102	17.81832	0.287074	1.68426	526.5276	1180.915	0.234527	0.397741	507.4691	433.4774	6.174828	100	20.2
1710.995	1108.495	318.8147	17.78359	0.282761	1.699543	528.6403	1180.413	0.23042	0.387353	527.4734	472.5924	6.744978	100	22.6
1711.147	1108.647	318.819	17.75132	0.283437	1.777661	527.5309	1180.997	0.231094	0.386123	528.2416	474.0293	6.777617	100	22.7
1711.299	1108.799	318.8234	17.86814	0.297359	1.362363	524.7079	1179.561	0.244479	0.417678	466.2236	340.8805	4.842702	100	14.8
1711.452	1108.952	318.8278	17.98653	0.298475	1.175277	523.0735	1182.651	0.245578	0.425315	454.1685	310.2315	4.378936	100	13.1
1711.604	1109.104	318.8322	18.11821	0.309263	1.083743	524.2771	1196.476	0.255986	0.454714	399.233	153.8556	2.156264	100	5.4
1711.757	1109.257	318.8366	18.20369	0.292551	1.263474	526.6304	1207.869	0.239939	0.41955	469.9056	349.8906	4.881215	100	15.2
1711.909	1109.409	318.841	18.29168	0.292459	1.321686	527.7961	1217.275	0.239877	0.417269	473.1378	357.6706	4.966357	100	15.5
1712.061	1109.561	318.8454	18.40889	0.284573	1.631821	526.131	1219.94	0.232339	0.395824	513.1346	444.8995	6.139225	100	20.3
1712.214	1109.714	318.8498	18.40911	0.287387	1.765725	523.4675	1220.072	0.235063	0.400803	502.5053	423.2336	5.840253	100	19.1
1712.366	1109.866	318.8541	18.40934	0.285313	1.842103	520.4326	1220.248	0.233102	0.39782	509.3283	437.257	6.033758	100	19.9
1712.519	1110.019	318.8585	18.40956	0.280913	2.096711	519.9623	1216.053	0.228912	0.388459	528.0284	473.631	6.535685	100	22.1
1712.671	1110.171	318.8629	18.40978	0.273567	2.464654	521.3871	1222.083	0.221912	0.370999	561.7834	532.6056	7.349479	100	25.9
1712.823	1110.323	318.8673	18.41001	0.275455	2.664585	523.8407	1225.074	0.223743	0.373805	555.3835	522.017	7.20336	100	25.2
1712.976	1110.476	318.8717	18.41023	0.270271	3.080348	523.8249	1232.774	0.218815	0.355602	587.3045	572.43	7.89901	100	28.4
1713.128	1110.628	318.8761	18.41046	0.2826	2.697215	519.951	1239.334	0.230633	0.385101	530.2876	477.8336	6.593662	100	22.4
1713.281	1110.781	318.8805	18.41068	0.29345	1.721126	511.6426	1242.438	0.241065	0.413975	476.0452	364.5673	5.03069	100	15.8
1713.433	1110.933	318.8849	18.4109	0.303291	1.263578	502.7596	1246.078	0.25055	0.442281	423.8935	224.6451	3.099892	100	8.7
1713.585	1111.085	318.8892	18.41113	0.297543	1.334587	497.2921	1247.139	0.245049	0.436098	440.0177	271.8525	3.751307	100	11.1
1713.738	1111.238	318.8937	18.41135	0.301212	1.356344	497.1327	1255.528	0.248603	0.44744	419.4612	210.161	2.900022	100	8.2
1713.89	1111.39	318.898	18.41157	0.290631	1.550075	502.0704	1261.011	0.238463	0.421596	469.1191	347.9794	4.801783	100	15.2
1714.043	1111.543	318.9024	18.4118	0.278101	1.787818	508.1514	1266.857	0.226484	0.385477	535.4944	487.3712	6.725252	100	22.9
1714.195	1111.695	318.9068	18.41202	0.279321	1.960099	511.3759	1266.179	0.227677	0.378728	543.1617	501.0527	6.914041	100	23.6
1714.347	1111.847	318.9112	18.41224	0.283488	1.977674	510.5371	1262.16	0.231694	0.387655	525.2995	468.5014	6.464862	100	21.6
1714.5	1112	318.9156	18.41247	0.292202	1.706666	507.1549	1261.381	0.240076	0.411156	481.3003	376.7958	5.199409	100	16.5
1714.652	1112.152	318.92	18.41269	0.281839	2.033894	504.6176	1259.042	0.230167	0.390245	523.8319	465.7183	6.42645	100	21.6
1714.805	1112.305	318.9244	18.41292	0.267089	3.395787	503.9383	1255.874	0.216093	0.354772	592.2071	579.6775	7.998968	100	29.2
1714.957	1112.457	318.9288	18.41314	0.263831	2.614209	506.8157	1248.396	0.213011	0.347422	606.6027	600.2858	8.283339	100	30.5
1715.109	1112.609	318.9331	18.41336	0.271914	3.804399	510.7507	1248.224	0.220752	0.367902	567.6573	542.1018	7.480455	100	26.8
1715.262	1112.762	318.9375	18.41359	0.278049	3.149739	515.501	1244.533	0.226643	0.380895	541.5977	498.2962	6.875977	100	23.9
1715.414	1112.914	318.9419	18.41381	0.271489	3.64108	518.6458	1238.71	0.220398	0.361182	577.4193	557.4367	7.692053	100	27.6
1715.567	1113.067	318.9463	18.41404	0.278104	3.268825	522.2081	1232.468	0.226749	0.380762	541.6352	498.3626	6.876885	100	23.9
1715.719	1113.219	318.9507	18.41426	0.278361	2.922883	528.9402	1226.463	0.22702	0.38107	540.835	496.9456	6.85733	100	23.7
1715.871	1113.371	318.9551	18.41448	0.292187	2.185379	536.548	1220.427	0.240297	0.413036	478.4007	370.0859	5.106797	100	16.3
1716.024	1113.524	318.9595	18.41471	0.297131	1.832241	543.9467	1215.88	0.245072	0.4201	462.0632	330.5054	4.560624	100	14.1
1716.176	1113.676	318.9639	18.41493	0.299961	1.639754	545.7123	1215.428	0.247819	0.42205	455.5809	313.9165	4.331713	100	13.1
1716.329	1113.829	318.9683	18.41515	0.291664	1.798266	542.3762	1212.944	0.239874	0.396279	502.1096	422.4071	5.828766	100	18.7
1716.481	1113.981	318.9727	18.41538	0.290715	1.890025	538.7269	1209.074	0.238989	0.393922	506.5827	431.6646	5.956504	100	19.3
1716.633	1114.133	318.977	18.4156	0.285701	1.927952	537.246	1205.998	0.234207	0.385349	525.013	467.9595	6.457332	100	21.4
1716.786	1114.286	318.9814	18.41582	0.288288	1.855279	537.0306	1206.681	0.236713	0.39806	504.013	426.3688	5.883425	100	19.2
1716.938	1114.438	318.9858	18.41605	0.288314	1.784468	535.4053	1210.53	0.236764	0.397544	504.6557	427.6989	5.901774	100	19.2
1717.091	1114.591	318.9902	18.41627	0.284075	2.026413	531.4543	1215.218	0.232727	0.385431	526.9422	471.5963	6.507507	100	21.7
1717.243	1114.743	318.9946	18.4165	0.281085	2.362582	526.9241	1221.943	0.22989	0.378437	540.5089	496.3669	6.849308	100	23.3
1717.395	1114.895	318.999	18.41672	0.262471	3.9574	526.0114	1229.417	0.212133	0.328657	633.7095	636.6534	8.785102	100	32.8
1717.548	1115.048	319.0034	18.41694	0.282219	3.376498	527.2641	1229.364	0.231027	0.386143	528.3058	474.1491	6.542724	100	22.4
1717.7	1115.2	319.0078	18.41717	0.280227	2.940523	536.427	1224.3	0.229146	0.380442	538.7688	493.2661	6.80651	100	23.4
1717.853	1115.353	319.0122	18.41739	0.295349	2.442392	549.347	1224.406	0.243674	0.416112	469.496	348.8962	4.814369	100	15.2
1718.005	1115.505	319.0165	18.41761	0.287866	3.073628	556.9053	1223.868	0.236518	0.386797	519.825	458.0315	6.32031	100	21.1
1718.157	1115.657	319.0209	18.41784	0.284031	2.87299	550.8327	1220.884	0.232868	0.36372	556.709	524.2313	7.233784	100	24.6
1718.31	1115.81	319.0253	18.41806	0.272399	3.080307	537.1059	1216.879	0.221765	0.332001	615.8025	612.965	8.458204	100	30.2
1718.462	1115.962	319.0297	18.41829	0.281082	3.116081	522.7404	1219.683	0.230096	0.374917	545.0828	504.4152	6.960337	100	23.9
1718.615	1116.115	319.0341	18.41851	0.281697	1.903032	518.0038	1222.721	0.23071	0.39202	520.6325	459.5911	6.341815	100	21.3
1718.767	1116.267	319.0385	18.41873	0.28981	1.440439	519.329	1223.986	0.238513	0.41326	480.5528	375.0749	5.175589	100	16.5
1718.919	1116.419	319.0429	18.41896	0.283005	1.670593	523.7649	1224.41	0.232016	0.392002	518.8556	456.152	6.294351	100	21
1719.072	1116.572	319.0473	18.41918	0.284809	1.941865	528.6494	1225.215	0.23377	0.395547	511.5421	441.7174	6.09517	100	20.2
1719.224	1116.724	319.0517	18.4194	0.275003	2.25654	534.1761	1223.16	0.22441	0.372143	556.7563	524.3102	7.234849	100	25.2
1719.377	1116.877	319.0561	18.41963	0.282472	2.052539	543.9766	1216.306	0.231583	0.394234	516.3723	451.3016	6.227413	100	20.9
1719.529	1117.029	319.0604	18.41985	0.283501	2.103397	549.0963	1208.25	0.232596	0.388068	523.4844	465.0568	6.417216	100	21.5
1719.681	1117.181	319.0648	18.42008	0.285659	2.986367	549.4554	1195.976	0.23469	0.380914	530.4677	478.167	6.598114	100	22.2
1719.834	1117.334	319.0692	18.4203	0.283353	2.081792	550.8523	1187.443	0.232506	0.372438	545.1766	504.5788	6.962563	100	23.4
1719.986	1117.486	319.0736	18.42052	0.278229	2.31411	564.1605	1174.86	0.227626	0.365543	561.4264	532.0217	7.341239	100	25.3
1720.139	1117.639	319.078	18.42075	0.280829	2.591539	588.7286	1160.99	0.230141	0.366559	556.5548	523.9744	7.23019	100	24.8
1720.291	1117.791	319.0824	18.42097	0.270638	4.072807	623.8531	1154.411	0.220422	0.280064	689.3292	703.4113	9.706191	100	35.3
1720.443	1117.943	319.0868	18.42119	0.287386	0.021636	645.0181	1151.685	0.236476	0.275995	672.7908	684.4884	9.445076	100	30.9
1720.596	1118.096	319.0912	18.42142	0.291243	0.018461	656.4067	1154.279	0.240201	0.275193	668.7552	679.7627	9.379859	100	30.3
1720.748	1118.248	319.0955	18.42164	0.291553	0.016012	658.8675	1147.715	0.240526	0.261999	686.5163	700.2408	9.662428	100	31.2
1720.901	1118.401	319.0999	18.42187	0.293208	0.02177	658.9243	1145.283	0.24214	0.218661	744.0949	761.9122	10.51341	100	34
1721.053	1118.553	319.1043	18.42209	0.29897	0.018558	655.2842	1157.958	0.247702	0.241451	704.9687	720.7108	9.944876	100	31.3
1721.205	1118.705	319.1087	18.42231	0.294277	0.011763	647.8384	1166.351	0.24322	0.254882	692.6194	707.0961	9.757008	100	31.2
1721.358	1118.858	319.1131	18.42254	0.290379	0.015143	629.5629	1173.53	0.239503	0.264434	684.5674	698.0329	9.63194	100	31.2
1721.51	1119.01	319.1175	18.42276	0.292153	0.02164	608.3142	1173.636	0.241232	0.267831	677.4933	689.9398	9.520262	100	30.6
1721.663	1119.163	319.1219	18.42298	0.294077	0.016327	582.0591	1179.528	0.243106	0.322771	599.0903	589.6529	8.136433	100	25.7
1721.815	1119.315	319.1263	18.42321	0.300118	0.150612	562.6284	1181.203	0.248936	0.386493	503.1074	424.4882	5.857372	100	17.5
1721.967	1119.467	319.1306	18.42343	0.281659	1.813338	555.8494	1179.562	0.231249	0.349314	578.8228	559.5973	7.721695	100	26.2
1722.12	1119.62	319.1351	18.42365	0.286197	3.194156	554.9304	1170.535	0.235623	0.354202	566.0426	539.512	7.444542	100	25.2
1722.272	1119.772	319.1394	18.42388	0.278954	0.53359	557.9125	1163.281	0.228711	0.339789	595.4699	584.4346	8.064407	100	27.2
1722.425	1119.925	319.1438	18.4241	0.275622	0.024756	568.2136	1155.073	0.22555	0.312534	637.4446	641.4415	8.851024	100	30.2

1722.577	1120.077	319.1482	18.42433	0.278786	0.015434	586.3039	1153.314	0.228603	0.247327	723.2172	740.261	10.21459	100	34.8
1722.729	1120.229	319.1526	18.42455	0.292026	0.015068	606.97	1148.428	0.241319	0.218693	745.1844	763.0235	10.52868	100	34.2
1722.882	1120.382	319.157	18.42477	0.29084	0.011192	625.034	1144.567	0.240206	0.241656	715.0302	731.5685	10.09464	100	32.8
1723.034	1120.534	319.1614	18.425	0.284202	0.009736	632.2314	1131.759	0.233867	0.285144	663.7647	673.856	9.298276	100	30.8
1723.187	1120.687	319.1658	18.42522	0.280818	0.01066	630.15	1134.041	0.230652	0.298912	649.2017	656.1966	9.0546	100	30.3
1723.339	1120.839	319.1702	18.42545	0.285289	0.013	617.4492	1151.236	0.234961	0.296463	646.6349	653.015	9.010689	100	29.6
1723.491	1120.991	319.1745	18.42567	0.288879	0.014497	607.6355	1168.748	0.23843	0.309073	624.4466	624.5562	8.617996	100	27.8
1723.644	1121.144	319.1789	18.42589	0.288084	0.014156	601.5258	1172.828	0.237693	0.304602	631.6323	633.9687	8.747872	100	28.4
1723.796	1121.296	319.1833	18.42612	0.287143	0.015418	596.0797	1160.928	0.236817	0.309635	625.8965	626.4714	8.644412	100	28.1
1723.949	1121.449	319.1877	18.42634	0.294713	0.018712	588.1488	1157.231	0.244107	0.346362	565.1524	538.0775	7.424701	100	23.2
1724.101	1121.601	319.1921	18.42656	0.28307	0.021909	561.3621	1156.64	0.232965	0.334276	597.2077	586.9473	8.09903	100	26.6
1724.253	1121.753	319.1965	18.42679	0.278484	0.01837	533.4546	1161.33	0.228601	0.3199	623.0678	622.7275	8.592738	100	28.9
1724.406	1121.906	319.2009	18.42701	0.277488	0.01846	501.6429	1154.082	0.227674	0.24965	721.2934	738.2294	10.1865	100	34.8
1724.558	1122.058	319.2053	18.42723	0.294318	0.017856	501.7408	1147.303	0.243833	0.224921	733.1206	750.6187	10.35745	100	33.3
1724.711	1122.211	319.2097	18.42746	0.296672	0.014376	536.374	1139.176	0.246119	0.240521	708.436	724.4752	9.996695	100	31.8
1724.863	1122.363	319.2141	18.42768	0.290557	0.012197	597.8701	1131.303	0.240273	0.301535	632.3045	634.8392	8.759848	100	28.2
1725.015	1122.515	319.2184	18.42791	0.28648	0.012263	637.4032	1120.702	0.236389	0.33147	596.3547	585.7158	8.082009	100	26.2
1725.168	1122.668	319.2228	18.42813	0.279744	0.014344	661.488	1115.697	0.229963	0.298898	650.1717	657.3934	9.071051	100	30.5
1725.32	1122.82	319.2272	18.42835	0.28341	0.013197	659.7432	1119.384	0.2335	0.268525	687.2058	701.0197	9.673026	100	32.2
1725.473	1122.973	319.2316	18.42858	0.285871	0.011428	640.0331	1136.586	0.235884	0.243876	717.9305	734.662	10.13723	100	33.6
1725.625	1123.125	319.236	18.4288	0.287081	0.009923	611.3144	1146.863	0.237069	0.260092	693.917	708.5425	9.776819	100	32.1
1725.777	1123.277	319.2404	18.42902	0.298176	0.010361	585.4709	1155.896	0.247747	0.339425	569.7024	545.3596	7.525137	100	23.2
1725.93	1123.43	319.2448	18.42925	0.31207	0.31193	573.0187	1165.062	0.261149	0.408196	456.3032	315.791	4.357435	100	12
1726.082	1123.582	319.2492	18.42947	0.307203	2.711396	565.4564	1181.262	0.256486	0.401669	471.7465	354.3364	4.8893	100	14.9
1726.235	1123.735	319.2536	18.4297	0.298301	3.689481	559.8843	1206.767	0.247945	0.372328	524.0227	466.0812	6.431203	100	20.8
1726.387	1123.887	319.2579	18.42992	0.31825	2.497801	560.584	1230.476	0.26719	0.42853	419.9075	211.8368	2.923021	100	8.1
1726.539	1124.039	319.2623	18.43014	0.308425	2.807108	569.54	1240.26	0.257741	0.411609	456.2969	315.7746	4.3572	100	13.2
1726.692	1124.192	319.2667	18.43037	0.28466	2.104953	578.2063	1239.703	0.234931	0.344666	580.1556	561.6392	7.749744	100	26.1
1726.844	1124.344	319.2711	18.43059	0.263166	0.225457	580.6331	1237.166	0.214414	0.26102	723.9014	740.9819	10.22439	100	37.1
1726.997	1124.497	319.2755	18.43081	0.268532	0.016941	576.5988	1237.402	0.219558	0.284052	685.019	698.5454	9.63883	100	34
1727.149	1124.649	319.2799	18.43104	0.27508	0.018385	575.3337	1239.141	0.225839	0.31487	633.8219	636.7981	8.786807	100	30
1727.301	1124.801	319.2843	18.43126	0.286727	1.814432	580.3429	1241.491	0.237017	0.361883	553.5184	518.8821	7.15975	100	23.8
1727.454	1124.954	319.2887	18.43149	0.279449	3.32986	581.7152	1244.742	0.230071	0.340019	593.2757	581.2412	8.0202	100	27.9
1727.606	1125.106	319.2931	18.43171	0.262174	2.905371	577.6697	1247.793	0.213599	0.271205	710.9713	727.2125	10.03437	100	37.5
1727.759	1125.259	319.2975	18.43193	0.263033	0.055719	568.3629	1253.934	0.214443	0.277927	700.5297	715.855	9.877649	100	35.7
1727.911	1125.411	319.3018	18.43216	0.284441	3.027586	559.0066	1266.516	0.23493	0.359591	559.5621	528.9597	7.298788	100	24.8
1728.063	1125.563	319.3062	18.43238	0.313327	2.477775	550.8699	1280.936	0.262726	0.441641	407.9741	174.0829	2.402061	100	6.6
1728.216	1125.716	319.3106	18.4326	0.312373	1.793409	542.6256	1288.948	0.261832	0.439669	411.9283	185.1044	2.55414	100	6.9
1728.368	1125.868	319.315	18.43283	0.303833	2.106371	535.2936	1295.934	0.253631	0.424804	443.7598	282.2669	3.894821	100	11.6
1728.521	1126.021	319.3194	18.43305	0.28911	2.875832	529.9457	1299.001	0.23951	0.395997	503.0005	424.2656	5.854168	100	19.3
1728.673	1126.173	319.3238	18.43328	0.299222	2.478806	524.4841	1316.469	0.249248	0.422485	453.0086	307.1862	4.238661	100	13.1
1728.825	1126.325	319.3282	18.4335	0.308142	1.805928	517.668	1329.494	0.257858	0.444145	411.2361	183.0789	2.526185	100	6.9
1728.978	1126.478	319.3326	18.43372	0.30597	1.615003	509.1573	1342.817	0.255792	0.447938	408.8538	176.4229	2.434342	100	6.6
1729.13	1126.63	319.3369	18.43395	0.2895	1.918639	502.396	1341.425	0.239988	0.422473	465.8049	339.8458	4.689302	100	15
1729.283	1126.783	319.3414	18.43417	0.300349	1.763648	499.542	1340.065	0.250435	0.452332	410.1817	180.0738	2.484715	100	7
1729.435	1126.935	319.3457	18.43439	0.291657	1.869005	500.5273	1330.3	0.242109	0.429702	452.901	306.9027	4.23474	100	13.3
1729.587	1127.087	319.3501	18.43462	0.298266	1.834952	503.5554	1336.868	0.248484	0.441885	427.2917	234.921	3.241511	100	9.6
1729.74	1127.24	319.3545	18.43484	0.286751	1.929294	505.9016	1336.351	0.237456	0.417749	475.8181	364.0319	5.023021	100	16.3
1729.892	1127.392	319.3589	18.43506	0.295841	1.838333	506.1621	1349.643	0.246206	0.441889	430.4293	244.2504	3.370239	100	10.1
1730.045	1127.545	319.3633	18.43529	0.30296	1.664213	501.9721	1360.277	0.253076	0.456181	401.2249	158.0222	2.180435	100	5.8
1730.197	1127.697	319.3677	18.43551	0.296867	1.77813	494.9963	1376.216	0.247243	0.439864	431.7925	248.2572	3.425522	100	10.2
1730.349	1127.849	319.3721	18.43574	0.294871	1.782668	487.2742	1386.901	0.245351	0.431586	445.8267	287.9357	3.973013	100	12.2
1730.502	1128.002	319.3765	18.43596	0.306963	1.808647	481.739	1394.286	0.257008	0.458923	392.0155	140.5844	1.939821	100	5
1730.654	1128.154	319.3808	18.43618	0.287588	2.291135	480.0001	1393.11	0.238414	0.421773	468.9411	347.5458	4.795526	100	15.6
1730.807	1128.307	319.3852	18.43641	0.291008	2.332766	481.8823	1394.822	0.24172	0.437471	442.7155	279.3801	3.854955	100	12.1
1730.959	1128.459	319.3896	18.43663	0.28156	2.528268	486.0451	1397.095	0.232689	0.420981	477.9344	368.9983	5.091527	100	17.1
1731.111	1128.611	319.394	18.43686	0.289703	2.287339	491.7868	1398.107	0.24052	0.431365	452.7986	306.6329	4.230991	100	13.5
1731.264	1128.764	319.3984	18.43708	0.286547	2.231284	494.4676	1393.412	0.237519	0.416426	477.556	368.114	5.079319	100	16.6
1731.416	1128.916	319.4028	18.4373	0.290769	1.962315	495.0876	1376.899	0.241595	0.423765	461.8035	329.8508	4.551354	100	14.4
1731.569	1129.069	319.4072	18.43753	0.295627	1.841014	493.9844	1366.516	0.246286	0.438469	435.0384	257.6865	3.555612	100	10.8
1731.721	1129.221	319.4116	18.43775	0.321247	1.516762	492.3314	1351.588	0.270993	0.495412	322.3614	83.25235	1.148733	100	2.2
1731.873	1129.373	319.4159	18.43797	0.334721	1.440066	491.2836	1365.088	0.284054	0.521108	268.8767	65.81047	0.908066	100	1.3
1732.026	1129.526	319.4203	18.4382	0.323851	1.546176	489.5599	1363.969	0.273562	0.497048	316.5589	80.91896	1.116535	100	2
1732.178	1129.678	319.4247	18.43842	0.324427	1.480928	486.8412	1354.004	0.274145	0.497293	315.4158	80.47713	1.110438	100	2
1732.331	1129.831	319.4291	18.43864	0.310198	1.592027	484.3621	1354.447	0.260436	0.47208	369.1283	111.9642	1.544902	100	3.6
1732.483	1129.983	319.4335	18.43887	0.307292	1.676289	483.4093	1350.904	0.257663	0.470301	375.4108	118.2728	1.631948	100	4
1732.635	1130.135	319.4379	18.43909	0.305288	1.792618	486.462	1375.247	0.255759	0.467516	381.8811	125.8534	1.736545	100	4.4
1732.788	1130.288	319.4423	18.43932	0.314128	1.689919	492.3034	1387.893	0.264304	0.482754	349.0602	96.72243	1.334591	100	2.9
1732.94	1130.44	319.4467	18.43954	0.321109	1.552927	499.3992	1396.807	0.271068	0.494209	323.9179	83.90608	1.157748	100	2.2
1733.093	1130.593	319.4511	18.43976	0.310755	1.61054	504.7355	1396.923	0.261103	0.470978	369.7282	112.5275	1.552671	100	3.6
1733.245	1130.745	319.4555	18.43999	0.297957	1.734421	505.2265	1394.508	0.24881	0.439791	429.7319	242.1896	3.341763	100	9.9
1733.397	1130.897	319.4598	18.44021	0.306878	1.537258	502.0531	1386.515	0.257419	0.460401	389.4083	136.4064	1.882153	100	4.7
1733.55	1131.05	319.4642	18.44043	0.313699	1.400439	497.9492	1379.714	0.264019	0.477863	356.2027	101.4554	1.399894	100	3
1733.702	1131.202	319.4686	18.44066	0.307584	1.433811	495.3594	1374.352	0.258151	0.468697	376.9491	119.9668	1.655315	100	3.9
1733.855	1131.355	319.473	18.44088	0.294683	1.70747	494.6555	1380.942	0.245768	0.442358	430.3868	244.1251	3.368463	100	10.1
1734.007	1131.507	319.4774	18.4411	0.296723	1.75108	494.4523	1380.523	0.247754	0.446685	421.6747	217.8377	3.005747	100	8.8
1734.159	1131.659	319.4818	18.44133	0.292806	1.847109	494.8081	1372.596	0.244018	0.440112	435.9007	260.1656	3.589787	100	11
1734.312	1131.812	319.4862	18.44155	0.291046	1.903466	495.2805	1381.943	0.242353	0.43787	441.2921	275.4213	3.800286	100	11.8
1734.464	1131.964	319.4906	18.44178	0.288099	1.908351	496.994	1383.287	0.239553	0.432242	452.9232	306.9613	4.235473	100	13.5
1734.617	1132.117	319.495	18.442	0.295368	1.85301	500.5901	1383.253	0.246556	0.446512	423.5666	223.647	3.085896	100	9.2

1734.769	1132.269	319.4993	18.44222	0.302723	1.65232	505.2858	1379.376	0.253653	0.461715	392.7917	141.8869	1.957765	100	5.1
1734.921	1132.421	319.5037	18.44245	0.298732	1.746704	507.778	1374.876	0.249841	0.449522	414.8804	194.2386	2.680114	100	7.7
1735.074	1132.574	319.5081	18.44267	0.306264	1.628864	506.0496	1388.897	0.257113	0.463997	384.869	129.7951	1.790919	100	4.5
1735.226	1132.726	319.5125	18.4429	0.315843	1.501429	502.1546	1396.849	0.266373	0.482835	346.0928	94.93093	1.30986	100	2.7
1735.379	1132.879	319.5169	18.44312	0.319243	1.471105	497.7218	1406.179	0.269681	0.489767	331.962	87.50121	1.207344	100	2.4
1735.531	1133.031	319.5213	18.44334	0.29681	1.898115	495.3993	1408.875	0.248096	0.442852	426.4916	232.5177	3.208285	100	9.6
1735.683	1133.183	319.5257	18.44357	0.311458	1.768472	493.6818	1409.877	0.262221	0.474977	362.6661	106.3501	1.46742	100	3.4
1735.836	1133.336	319.5301	18.44379	0.312922	1.758865	491.737	1412.114	0.263659	0.476719	358.2781	102.9574	1.420607	100	3.2
1735.988	1133.488	319.5345	18.44401	0.321924	1.638451	488.788	1411.546	0.272374	0.490947	326.6167	85.07018	1.173799	100	2.3
1736.141	1133.641	319.5389	18.44424	0.30158	1.946446	484.6225	1414.86	0.252787	0.444934	417.1453	201.8291	2.784836	100	8
1736.293	1133.793	319.5432	18.44446	0.319041	1.763571	481.4737	1416.688	0.269641	0.485622	337.7379	90.34242	1.246544	100	2.6
1736.445	1133.945	319.5476	18.44468	0.316114	1.834366	480.1219	1419.979	0.266841	0.483673	344.29	93.88671	1.295447	100	2.8
1736.598	1134.098	319.552	18.44491	0.305902	2.053514	481.8689	1419.108	0.257023	0.461745	388.0999	134.4182	1.854699	100	4.9
1736.75	1134.25	319.5564	18.44513	0.305976	2.07632	483.779	1420.953	0.25712	0.459885	390.5323	138.1714	1.906484	100	5
1736.903	1134.403	319.5608	18.44536	0.311032	1.998434	484.5089	1416.399	0.262018	0.467867	372.759	115.496	1.593609	100	3.9
1737.055	1134.555	319.5652	18.44558	0.310442	1.977046	483.747	1417.006	0.261475	0.463727	379.2215	122.5891	1.691478	100	4.2
1737.207	1134.707	319.5696	18.4458	0.306783	1.979314	483.0126	1413.698	0.257976	0.453917	397.5884	150.5899	2.077832	100	5.5
1737.36	1134.86	319.574	18.44603	0.303643	2.000973	486.0743	1411.34	0.254978	0.446856	411.4695	183.757	2.535467	100	7.1
1737.512	1135.012	319.5783	18.44625	0.307472	1.883154	492.9107	1406.77	0.258691	0.450094	401.8767	159.4384	2.199921	100	5.9
1737.665	1135.165	319.5828	18.44647	0.313456	1.764744	507.3737	1394.705	0.264484	0.462713	376.4688	119.4311	1.647902	100	3.9
1737.817	1135.317	319.5871	18.4467	0.300417	1.981692	519.4316	1386.316	0.251952	0.436746	429.5972	241.7907	3.336208	100	9.9
1737.969	1135.469	319.5915	18.44692	0.273655	3.276696	521.8054	1382.581	0.226319	0.376869	547.6006	508.7835	7.020148	100	24.9
1738.122	1135.622	319.5959	18.44715	0.256142	2.258067	511.3281	1382.06	0.209644	0.334343	629.2978	630.9322	8.705539	100	33
1738.274	1135.774	319.6003	18.44737	0.27941	2.597371	495.9212	1378.918	0.231875	0.397727	511.1502	440.9309	6.083917	100	20.8
1738.427	1135.927	319.6047	18.44759	0.297857	1.720879	484.3167	1377.446	0.249594	0.446303	419.6628	210.9152	2.910184	100	8.5
1738.579	1136.079	319.6091	18.44782	0.323355	1.576641	479.4541	1376.958	0.274196	0.498628	313.5026	79.74974	1.100377	100	2
1738.731	1136.231	319.6135	18.44804	0.324643	1.662973	478.2587	1377.542	0.275467	0.497213	313.7016	79.82471	1.101411	100	2
1738.884	1136.384	319.6179	18.44827	0.31965	1.743096	478.8949	1389.412	0.270669	0.48523	336.8598	89.89463	1.240354	100	2.6
1739.036	1136.536	319.6222	18.44849	0.317657	1.771539	480.1497	1404.477	0.268771	0.48332	342.1146	92.66808	1.278621	100	2.7
1739.189	1136.689	319.6266	18.44871	0.318403	1.768167	482.6125	1406.888	0.269517	0.485836	337.6138	90.27879	1.245653	100	2.6
1739.341	1136.841	319.631	18.44894	0.319234	1.764852	483.2323	1408.355	0.270345	0.485935	336.3348	89.62976	1.236697	100	2.6
1739.493	1136.993	319.6354	18.44916	0.314364	1.897673	482.3381	1405.572	0.26567	0.473549	359.8776	104.1587	1.437164	100	3.3
1739.646	1137.146	319.6398	18.44938	0.332495	1.633628	479.349	1426.97	0.283219	0.510691	284.4036	70.14126	0.967797	100	1.5
1739.798	1137.298	319.6442	18.44961	0.329975	1.709339	477.3183	1436.282	0.280806	0.506503	293.5129	72.90306	1.005903	100	1.7
1739.951	1137.451	319.6486	18.44983	0.345387	1.42043	477.3576	1442.594	0.29577	0.542413	223.3079	55.01883	0.75914	100	0.7
1740.103	1137.603	319.653	18.45005	0.333028	1.523696	480.0721	1449.558	0.283812	0.52088	269.5246	65.98301	0.910421	100	1.3
1740.255	1137.755	319.6573	18.45028	0.326373	1.587911	484.556	1456.097	0.277399	0.505418	299.7125	74.89739	1.033419	100	1.8
1740.408	1137.908	319.6618	18.4505	0.323385	1.671732	489.1442	1460.696	0.274535	0.490353	324.4547	84.13447	1.16087	100	2.2
1740.56	1138.06	319.6661	18.45073	0.319332	1.858232	492.4394	1463.15	0.270646	0.472778	354.0754	99.97822	1.379478	100	3
1740.713	1138.213	319.6705	18.45095	0.330718	1.768558	493.781	1460.782	0.28168	0.493306	310.5196	78.64439	1.085118	100	2
1740.865	1138.365	319.6749	18.45117	0.349085	1.562531	493.1537	1454.671	0.299515	0.530038	235.2166	57.61659	0.794981	100	0.9
1741.017	1138.517	319.6793	18.4514	0.344706	1.570967	489.1543	1442.767	0.29529	0.522939	250.8436	61.24797	0.845085	100	1.1
1741.17	1138.67	319.6837	18.45162	0.324989	1.779753	484.9275	1435.162	0.276215	0.487625	325.9008	84.75746	1.169463	100	2.3
1741.322	1138.822	319.6881	18.45185	0.316464	1.875819	480.7682	1415.17	0.268006	0.48125	346.0273	94.89239	1.309301	100	2.9
1741.475	1138.975	319.6925	18.45207	0.308603	1.903861	477.7761	1400.038	0.260452	0.470087	371.8565	114.5901	1.581084	100	3.9
1741.627	1139.127	319.6969	18.45229	0.303303	1.797011	475.4995	1388.014	0.255375	0.460574	391.9909	140.5437	1.939184	100	5.1
1741.779	1139.279	319.7012	18.45251	0.296343	1.902448	472.6764	1380.644	0.248708	0.446394	420.7595	215.0069	2.966607	100	8.8
1741.932	1139.432	319.7056	18.45274	0.301283	1.792075	471.0172	1376.346	0.253483	0.458379	397.6318	150.6743	2.078962	100	5.6
1742.084	1139.584	319.71	18.45296	0.304509	1.813415	468.9312	1368.174	0.256612	0.46557	383.3888	127.8045	1.763409	100	4.5
1742.237	1139.737	319.7144	18.45319	0.298833	1.838486	469.1763	1367.31	0.251179	0.45199	409.628	178.5338	2.463356	100	7
1742.389	1139.889	319.7188	18.45341	0.30367	1.668856	469.9251	1359.145	0.255856	0.461008	390.7266	138.4819	1.910732	100	4.9
1742.541	1140.041	319.7232	18.33667	0.304869	1.604687	471.0549	1354.573	0.257036	0.463179	386.1026	131.5139	1.825898	100	4.6
1742.694	1140.194	319.7276	18.33073	0.316815	1.505376	471.9205	1345.68	0.268577	0.486689	337.7333	90.34008	1.254665	100	2.5
1742.846	1140.346	319.732	18.42629	0.303393	1.764258	473.7344	1340.799	0.255668	0.458896	393.9022	143.7995	1.987022	100	5.2
1742.999	1140.499	319.7364	18.42273	0.301673	1.763364	476.545	1330.829	0.254038	0.456681	399.2072	153.8031	2.125678	100	5.7
1743.151	1140.651	319.7407	18.4206	0.296128	1.783444	479.8339	1323.332	0.248733	0.443714	424.4237	226.2602	3.127479	100	9.3
1743.303	1140.803	319.7451	18.41193	0.317434	1.353577	479.9901	1317.072	0.269278	0.485867	337.901	90.42626	1.250505	100	2.5
1743.456	1140.956	319.7495	18.40286	0.312129	1.360973	476.482	1300.328	0.264186	0.474408	360.74	104.8228	1.45031	100	3.2
1743.608	1141.108	319.7539	18.35902	0.309647	1.377051	471.8836	1295.329	0.261819	0.472198	367.0557	110.0756	1.526558	100	3.5
1743.761	1141.261	319.7583	18.31711	0.290658	1.705763	469.9294	1287.548	0.243584	0.437681	439.8547	271.3944	3.772232	100	11.7
1743.913	1141.413	319.7627	18.27256	0.292002	1.79573	472.2416	1281.963	0.244899	0.441241	433.1267	252.1519	3.513167	100	10.7
1744.065	1141.565	319.7671	18.22301	0.276882	1.995577	475.7671	1249.014	0.230437	0.40629	501.3158	420.745	5.877789	100	20
1744.218	1141.718	319.7715	18.16075	0.284437	1.845293	477.6579	1229.508	0.237696	0.421702	470.0312	350.1951	4.908679	100	16
1744.37	1141.87	319.7759	18.09846	0.294018	1.661089	476.7152	1212.502	0.246913	0.444316	426.1037	231.349	3.253777	100	9.7
1744.523	1142.023	319.7803	18.09941	0.300346	1.638177	474.1652	1218.746	0.25302	0.458058	398.7124	152.8051	2.149022	100	5.8
1744.675	1142.175	319.7846	18.10042	0.311805	1.490611	471.6245	1230.118	0.26408	0.485087	346.1502	94.96471	1.335508	100	2.9
1744.827	1142.327	319.789	18.10148	0.315425	1.510527	470.3677	1246.71	0.267597	0.493052	330.3045	86.72843	1.219623	100	2.5
1744.98	1142.48	319.7934	18.10259	0.302257	1.676809	470.2812	1254.008	0.254935	0.467071	383.6319	128.1261	1.801692	100	4.6
1745.132	1142.632	319.7978	18.14	0.298401	1.733647	471.3035	1267.98	0.251253	0.458385	400.7004	156.9017	2.201901	100	6.1
1745.285	1142.785	319.8022	18.07204	0.309025	1.542197	471.9909	1290.136	0.261503	0.480317	356.2885	101.5163	1.429905	100	3.2
1745.437	1142.937	319.8066	18.0143	0.306519	1.624199	472.6721	1302.87	0.259115	0.474649	367.4058	110.3885	1.559773	100	3.7
1745.589	1143.089	319.811	17.90644	0.311513	1.717671	472.5857	1332.303	0.263952	0.485275	346.067	94.91575	1.349079	100	3
1745.742	1143.242	319.8154	17.85325	0.313035	1.730085	473.571	1368.484	0.265446	0.487981	340.2707	91.66862	1.306748	100	2.8
1745.894	1143.394	319.8197	17.79325	0.305827	1.866441	476.4485	1404.099	0.258526	0.469622	375.1555	117.9978	1.687658	100	4.2
1746.047	1143.547	319.8242	17.74375	0.305314	1.851887	480.9998	1440.965	0.258058	0.459104	390.3167	137.8287	1.976708	100	5.2
1746.199	1143.699	319.8285	17.68177	0.319572	1.741624	486.1439	1475.302	0.271832	0.483041	338.2758	90.61972	1.304135	100	2.7
1746.351	1143.851	319.8329	17.60852	0.321402	1.996648	490.001	1508.284	0.273625	0.485509	332.3956	87.70633	1.26738	100	2.7
1746.504	1144.004	319.8373	17.53466	0.318475	2.292405	492.3009	1540.138	0.270824	0.480728	342.8577	93.07944	1.350606	100	3.1
1746.656	1144.156	319.8417	17.4703	0.327878	2.288057	493.8792	1560.984	0.279937	0.50139	301.7682	75.58192	1.100697	100	2.2
1746.809	1144.309	319.8461	17.56251	0.314474	2.689738	495.2404	1560.331	0.267015	0.470276	362.5397	106.2479	1.539317	100	3.9

1746.961	1144.461	319.8505	17.65537	0.314148	2.867859	496.6914	1546.187	0.266725	0.467207	367.1738	110.1809	1.588066	100	4.1
1747.113	1144.613	319.8549	17.74876	0.321151	2.746384	496.1165	1518.099	0.273511	0.480215	339.8581	91.44897	1.311283	100	3.1
1747.266	1144.766	319.8593	17.6526	0.328764	2.66213	491.223	1465.124	0.280897	0.491851	313.6079	79.78939	1.15023	100	2.5
1747.418	1144.918	319.8636	17.60205	0.324061	2.878454	479.591	1405.694	0.276375	0.476816	340.5971	91.84338	1.327748	100	3.1
1747.571	1145.071	319.868	17.54186	0.322292	2.903356	463.7908	1352.494	0.27469	0.471831	349.8012	97.18469	1.40972	100	3.4
1747.723	1145.223	319.8724	17.47684	0.296728	3.037622	453.1568	1300.355	0.250083	0.423318	450.7076	301.0931	4.383554	100	13.9
1747.875	1145.375	319.8768	17.52728	0.266326	3.272488	451.3978	1281.812	0.220997	0.36287	574.2635	552.5385	8.021629	100	29.3
1748.028	1145.528	319.8812	17.42981	0.274576	2.426054	457.7476	1255.512	0.228901	0.391677	523.6025	465.2818	6.79208	100	23.7
1748.18	1145.68	319.8856	17.27791	0.302927	1.571574	465.904	1235.516	0.256121	0.455643	397.7653	150.9339	2.222389	100	5.9
1748.333	1145.833	319.89	17.18879	0.322062	1.415634	472.5478	1222.831	0.274597	0.495081	317.8444	81.42256	1.205022	100	2.3
1748.485	1145.985	319.8944	17.13942	0.314668	1.603745	477.0253	1225.515	0.267484	0.482305	345.2908	94.4624	1.401992	100	3.1
1748.637	1146.137	319.8987	17.10219	0.280832	2.190484	480.6614	1233.061	0.23499	0.41486	483.2069	381.1586	5.669283	100	19.1
1748.79	1146.29	319.9032	17.0527	0.269731	2.361959	483.0526	1255.291	0.224401	0.391925	529.4703	476.3177	7.105018	100	25.3
1748.942	1146.442	319.9075	17.05504	0.260189	2.594962	481.9841	1265.987	0.215327	0.368916	573.7442	551.7272	8.228851	100	30.7
1749.095	1146.595	319.9119	17.05571	0.259392	2.599546	477.5728	1276.681	0.214594	0.365307	579.7373	560.9994	8.366918	100	31.3
1749.247	1146.747	319.9163	17.00868	0.266909	2.391428	471.1836	1277.802	0.221785	0.38914	536.9245	489.9554	7.32736	100	26.4
1749.399	1146.899	319.9207	16.99834	0.294802	1.89842	466.622	1272.609	0.248515	0.453788	410.8224	181.8884	2.721833	100	8
1749.552	1147.052	319.9251	16.94809	0.301183	1.723613	461.9988	1264.442	0.254675	0.465252	386.5016	132.0818	1.982319	100	5.2
1749.704	1147.204	319.9295	16.97642	0.300206	1.663424	456.6631	1257.194	0.25376	0.461826	392.4917	141.3802	2.118402	100	5.7
1749.857	1147.357	319.9339	16.94381	0.290426	1.81505	452.5164	1245.319	0.244391	0.443414	430.829	245.428	3.684453	100	11.4
1750.009	1147.509	319.9383	16.89287	0.278959	2.01034	450.5436	1234.259	0.233428	0.424111	472.5962	356.3752	5.366017	100	18
1750.161	1147.661	319.9426	16.83747	0.270287	2.126046	451.5938	1234.302	0.225164	0.411394	501.5504	421.2368	6.363333	100	22.4
1750.314	1147.814	319.947	16.78059	0.265944	2.163058	455.6994	1232.3	0.221044	0.406863	513.4878	445.6022	6.754021	100	24.3
1750.466	1147.966	319.9514	16.77336	0.2694	2.089145	461.0187	1231.693	0.224368	0.414163	498.8276	415.4967	6.300466	100	22.2
1750.619	1148.119	319.9558	16.859	0.282138	1.859085	466.3286	1228.863	0.236574	0.435352	452.7412	306.4816	4.624131	100	15.1
1750.771	1148.271	319.9602	16.93423	0.296253	1.705518	470.0735	1234.839	0.25014	0.458516	402.0554	159.8315	2.400956	100	6.8
1750.923	1148.423	319.9646	17.07976	0.29085	1.81237	471.859	1237.679	0.244977	0.441443	432.7396	251.0247	3.739188	100	11.6
1751.076	1148.576	319.969	17.09995	0.276369	2.197995	471.2473	1236.678	0.23113	0.402954	504.9635	428.3348	6.372994	100	21.9
1751.228	1148.728	319.9734	17.25903	0.281814	2.062216	468.8633	1237.441	0.236367	0.41065	487.117	389.986	5.749782	100	19.2
1751.381	1148.881	319.9778	17.19696	0.270137	2.377839	466.2673	1233.207	0.225226	0.380359	544.2928	503.0357	7.442994	100	26.5
1751.533	1149.033	319.9822	17.22912	0.239761	3.134758	465.0842	1241.636	0.196358	0.313732	676.075	688.3017	10.16561	100	41.7
1751.685	1149.185	319.9865	17.40419	0.237247	3.06835	467.5162	1242.374	0.194003	0.315722	676.5798	688.8853	10.07357	100	41.7
1751.838	1149.338	319.9909	17.58211	0.246888	2.615936	470.9436	1254.828	0.203168	0.347192	620.5031	619.3056	8.966083	100	35.4
1751.99	1149.49	319.9953	17.75185	0.271427	2.016072	475.3657	1264.998	0.226561	0.395504	521.5513	461.3592	6.616725	100	23.2
1752.143	1149.643	319.9997	17.75415	0.296832	1.573756	478.3402	1279.095	0.250928	0.445398	419.0703	208.7121	2.992962	100	8.7
1752.295	1149.795	320.0041	17.75643	0.310689	1.534613	480.9144	1284.763	0.264289	0.470484	366.0127	109.1578	1.56516	100	3.6
1752.447	1149.947	320.0085	17.6414	0.312492	1.68772	482.1641	1294.305	0.266053	0.471945	361.5625	105.4675	1.521947	100	3.5
1752.6	1150.1	320.0129	17.70659	0.294143	2.025221	483.8497	1305.792	0.248422	0.429838	444.002	282.9342	4.068161	100	12.6
1752.752	1150.252	320.0173	17.76979	0.289772	1.958614	484.5341	1317.079	0.244251	0.418813	464.9714	337.7797	4.839849	100	15.5
1752.905	1150.405	320.0217	17.81087	0.288224	1.932744	484.9449	1317.138	0.242792	0.415379	471.7236	354.2813	5.064857	100	16.3
1753.057	1150.557	320.026	17.86129	0.284065	2.021856	485.5864	1310.364	0.238831	0.405167	491.2829	399.2176	5.691529	100	18.9
1753.209	1150.709	320.0304	17.9292	0.27127	2.743659	487.2259	1305.07	0.226616	0.370287	556.2747	523.5071	7.435844	100	26.5
1753.362	1150.862	320.0348	18.05915	0.270213	3.666545	489.4581	1299.933	0.225632	0.362624	568.2069	542.9796	7.658114	100	27.6
1753.514	1151.014	320.0392	18.11364	0.269246	3.892187	489.2089	1294.187	0.224734	0.357823	576.0705	555.35	7.80959	100	28.3
1753.667	1151.167	320.0436	18.19531	0.293925	2.292286	483.4554	1287.613	0.248392	0.420847	456.4509	316.1734	4.426687	100	14
1753.819	1151.319	320.048	18.29321	0.29847	1.637762	476.123	1281.37	0.252784	0.438771	425.6533	229.989	3.203204	100	9.4
1753.971	1151.471	320.0524	18.28138	0.29642	1.654356	469.9828	1277.182	0.250839	0.457665	402.2648	160.2944	2.233963	100	6.2
1754.124	1151.624	320.0568	18.28353	0.295895	1.679892	469.4582	1277.007	0.250361	0.46906	387.2001	133.0908	1.854644	100	4.9
1754.276	1151.776	320.0611	18.3909	0.307501	1.548172	470.8201	1276.991	0.261551	0.489258	343.8839	93.65584	1.297673	100	2.8
1754.429	1151.929	320.0656	18.43444	0.311833	1.518941	472.7884	1277.593	0.265752	0.480386	350.33	97.51843	1.348088	100	2.9
1754.581	1152.081	320.0699	18.51079	0.301919	1.701976	474.2038	1281.243	0.256229	0.445678	411.3675	183.4601	2.525945	100	7
1754.733	1152.233	320.0743	18.53476	0.303325	1.670464	475.8402	1301.409	0.257607	0.44859	405.4477	167.6943	2.305985	100	6.3
1754.886	1152.386	320.0787	18.61541	0.311485	1.625235	477.3139	1315.777	0.265493	0.464857	372.1174	114.85	1.572653	100	3.7
1755.038	1152.538	320.0831	18.69379	0.31188	1.616522	479.3343	1327.264	0.265899	0.461549	376.1216	119.0477	1.62348	100	3.8
1755.191	1152.691	320.0875	18.76943	0.291634	1.975164	480.3504	1329.252	0.246448	0.412712	470.3591	350.9894	4.767756	100	15.1
1755.343	1152.843	320.0919	18.77421	0.320975	1.600056	480.5279	1331.156	0.274728	0.482111	335.562	89.24361	1.211976	100	2.4
1755.495	1152.995	320.0963	18.93439	0.320918	1.686836	479.7686	1337.238	0.274698	0.487202	328.578	85.94192	1.157526	100	2.3
1755.648	1153.148	320.1007	19.09781	0.324835	1.645122	479.4517	1341.114	0.278509	0.498346	307.9398	77.71496	1.03801	100	1.9
1755.8	1153.3	320.105	19.17067	0.31241	1.742533	479.4756	1345.455	0.266539	0.469705	363.9831	107.4309	1.429625	100	3.3
1755.953	1153.453	320.1094	19.22756	0.329852	1.410231	479.9357	1344.096	0.283413	0.502133	295.9454	73.67355	0.977593	100	1.5
1756.105	1153.605	320.1138	19.11825	0.313876	1.582744	480.0639	1343.246	0.268003	0.460148	375.1519	117.9939	1.574414	100	3.6
1756.257	1153.757	320.1182	19.12028	0.305895	1.742936	479.9683	1344.932	0.260337	0.439859	413.7284	190.5758	2.542652	100	7
1756.41	1153.91	320.1226	19.19752	0.291582	1.99917	479.5408	1346.251	0.246603	0.412674	470.198	350.5994	4.659424	100	14.8
1756.562	1154.062	320.127	19.13596	0.284379	2.128026	479.5647	1344.606	0.239722	0.408509	485.4415	386.2231	5.148974	100	17
1756.715	1154.215	320.1314	19.21482	0.26949	2.339785	480.203	1339.56	0.225505	0.385515	536.7931	489.7186	6.502748	100	23.1
1756.867	1154.367	320.1358	19.34184	0.292195	1.932681	481.6704	1341.631	0.247268	0.441367	429.6834	242.0462	3.193539	100	9.7
1757.019	1154.519	320.1401	19.33244	0.320007	1.593049	482.8463	1339.793	0.274074	0.497561	315.1443	80.37297	1.060947	100	2
1757.172	1154.672	320.1446	19.22056	0.326745	1.534836	482.2314	1338.264	0.280612	0.507863	291.9037	72.4014	0.961137	100	1.6
1757.324	1154.824	320.1489	19.13704	0.336303	1.50539	479.101	1331.156	0.289891	0.525856	254.269	62.08152	0.827647	100	1.1
1757.477	1154.977	320.1533	19.01375	0.338746	1.48881	474.0417	1327.279	0.292284	0.527069	249.2927	60.87526	0.816696	100	1
1757.629	1155.129	320.1577	18.91778	0.321563	1.7135	469.0438	1322.332	0.275679	0.486868	327.6846	85.54203	1.153306	100	2.3
1757.781	1155.281	320.1621	18.85255	0.296035	1.933423	465.5752	1321.456	0.25111	0.431413	438.1177	266.4892	3.605049	100	11
1757.934	1155.434	320.1665	18.83711	0.29593	1.745438	465.5472	1323.025	0.251034	0.440644	425.4846	229.479	3.106892	100	9.2
1758.086	1155.586	320.1709	18.79804	0.298132	1.617695	466.9706	1328.144	0.253176	0.451559	407.4651	172.757	2.343705	100	6.5
1758.239	1155.739	320.1753	18.92587	0.303563	1.544193	469.2226	1337.375	0.258426	0.467903	377.6668	120.7792	1.627779	100	4
1758.391	1155.891	320.1797	18.89439	0.301595	1.582368	471.7589	1347.598	0.256558	0.465156	384.0359	128.6653	1.736897	100	4.4
1758.543	1156.043	320.184	18.99701	0.296333	1.717755	475.0142	1355.4	0.251524	0.45211	408.9847	176.7762	2.373829	100	6.7
1758.696	1156.196	320.1884	19.08506	0.309869	1.528569	478.3705	1361.663	0.264575	0.473894	360.9131	104.9576	1.403102	100	3.1
1758.848	1156.348	320.1928	19.20465	0.316211	1.492065	480.0009	1367.042	0.270716	0.48271	340.2721	91.66936	1.21805	100	2.5
1759.001	1156.501	320.1972	19.33315	0.316186	1.546297	480.8541	1380.949	0.270718	0.481565	341.8502	92.52292	1.221462	100	2.5

1759.153	1156.653	320.2016	19.3999	0.315604	1.589527	481.4923	1389.201	0.270182	0.480266	344.3815	93.93894	1.236024	100	2.6
1759.305	1156.805	320.206	19.44713	0.333765	1.409812	482.7388	1394.889	0.287764	0.52586	257.1982	62.80599	0.824445	100	1
1759.458	1156.958	320.2104	19.50251	0.342627	1.30639	483.7547	1392.891	0.29638	0.542642	222.1498	54.77337	0.717028	100	0.6
1759.61	1157.11	320.2148	19.42395	0.345985	1.273829	484.0461	1392.414	0.299665	0.549739	207.8217	51.83411	0.681222	100	0.5
1759.763	1157.263	320.2192	19.42493	0.335679	1.377533	483.6707	1388.311	0.289696	0.515449	268.9006	65.81682	0.864955	100	1.1
1759.915	1157.415	320.2236	19.43189	0.330538	1.406721	483.2491	1394.081	0.284742	0.500241	296.724	73.92337	0.971163	100	1.5
1760.067	1157.567	320.2279	19.45942	0.321854	1.550689	483.4396	1395.979	0.27637	0.476544	340.9795	92.04931	1.207643	100	2.4
1760.22	1157.72	320.2323	19.52275	0.320969	1.618998	484.1909	1399.333	0.275541	0.475367	343.7465	93.57814	1.223848	100	2.5
1760.372	1157.872	320.2367	19.50318	0.30438	1.930444	485.7628	1390.302	0.25957	0.440526	413.8679	191.0125	2.500589	100	7
1760.525	1158.025	320.2411	19.48394	0.319367	1.734097	486.5547	1387.995	0.274045	0.478389	341.6414	92.40873	1.210917	100	2.5
1760.677	1158.177	320.2455	19.55444	0.327577	1.657407	486.4525	1373.984	0.282005	0.497275	304.5936	76.54336	0.99952	100	1.7
1760.829	1158.329	320.2499	19.47541	0.33371	1.541464	485.3463	1383.155	0.287967	0.510285	278.4129	68.41929	0.896962	100	1.3
1760.982	1158.482	320.2543	19.39533	0.32031	1.739502	483.1372	1385.074	0.275032	0.477869	340.9973	92.05893	1.211724	100	2.5
1761.134	1158.634	320.2587	19.32838	0.301946	2.077239	481.7115	1385.549	0.257355	0.434245	425.5924	229.805	3.035016	100	8.9
1761.287	1158.787	320.2631	19.25904	0.301851	2.273709	481.631	1395.621	0.257289	0.433614	426.553	232.7025	3.084073	100	9.1
1761.439	1158.939	320.2674	19.32882	0.299216	2.295101	482.776	1400.088	0.25478	0.430115	434.8441	257.1264	3.395848	100	10.2
1761.591	1159.091	320.2718	19.39513	0.310408	1.941853	485.3524	1402.718	0.26558	0.456074	384.1173	128.7746	1.695086	100	4.2
1761.744	1159.244	320.2762	19.46172	0.328119	1.619321	486.7063	1396.801	0.282708	0.494096	308.0102	77.74	1.019918	100	1.8
1761.896	1159.396	320.2806	19.42823	0.342507	1.462987	487.5503	1406.448	0.296673	0.525474	245.4373	59.96092	0.787988	100	0.9
1762.049	1159.549	320.285	19.47691	0.350961	1.409154	487.0638	1411.256	0.304907	0.542541	210.5215	52.37454	0.686628	100	0.5
1762.201	1159.701	320.2894	19.40583	0.337845	1.522967	486.4064	1410.57	0.292203	0.511498	270.8929	66.34953	0.872942	100	1.2
1762.353	1159.853	320.2938	19.35953	0.340938	1.479668	485.0912	1407.335	0.295227	0.513674	263.7161	64.45889	0.850047	100	1.1
1762.506	1160.006	320.2982	19.42468	0.348236	1.365756	484.7218	1407.266	0.302336	0.527215	235.2191	57.61714	0.757355	100	0.7
1762.658	1160.158	320.3026	19.45727	0.347438	1.38111	484.8075	1412.118	0.301587	0.527881	235.3343	57.64296	0.75647	100	0.7
1762.811	1160.311	320.307	19.52336	0.337171	1.450355	486.2717	1416.108	0.291651	0.508251	276.1346	67.78194	0.886614	100	1.2
1762.963	1160.463	320.3113	19.54278	0.336117	1.446383	487.0697	1421.626	0.290656	0.506923	279.3424	68.68198	0.89753	100	1.3
1763.115	1160.615	320.3157	19.6546	0.334861	1.510494	487.6989	1424.832	0.289465	0.504469	284.372	70.13199	0.911431	100	1.3
1763.268	1160.768	320.3201	19.66699	0.329794	1.646252	487.7779	1420.887	0.284584	0.494881	304.3389	76.45566	0.993016	100	1.7
1763.42	1160.92	320.3245	19.63525	0.337585	1.547809	488.5852	1416.474	0.292155	0.513501	268.1944	65.62949	0.85375	100	1.2
1763.573	1161.073	320.3289	19.47419	0.335933	1.527166	490.2769	1408.886	0.29058	0.50655	279.9605	68.85756	0.902941	100	1.3
1763.725	1161.225	320.3333	19.5078	0.331493	1.558938	491.7904	1413.862	0.286304	0.491559	306.5485	77.22332	1.010959	100	1.7
1763.877	1161.377	320.3377	19.39462	0.31716	1.740183	491.8481	1411.354	0.272475	0.457633	372.4511	115.1848	1.516488	100	3.5
1764.03	1161.53	320.3421	19.29693	0.30279	2.067884	490.3045	1414.447	0.258652	0.428168	432.188	249.4145	3.299907	100	9.7
1764.182	1161.682	320.3464	19.19978	0.310011	1.9486	488.8737	1411.215	0.265632	0.44794	395.2716	146.2405	1.944392	100	5
1764.335	1161.835	320.3508	19.14701	0.311972	1.896164	487.9516	1409.741	0.267547	0.451881	387.1896	133.0755	1.774116	100	4.4
1764.487	1161.987	320.3552	19.03282	0.317512	1.827636	487.8589	1404.609	0.272917	0.463595	363.6129	107.124	1.436496	100	3.2
1764.639	1162.139	320.3596	19.02368	0.320282	1.792119	488.2113	1412.76	0.275617	0.469597	351.6045	98.33626	1.319287	100	2.8
1764.792	1162.292	320.364	19.13205	0.331649	1.628491	488.4533	1416.323	0.286634	0.494532	301.9904	75.65664	1.009429	100	1.7
1764.944	1162.444	320.3684	19.20753	0.344674	1.441323	488.5789	1415.343	0.299286	0.519659	249.8559	61.01028	0.81091	100	0.9
1765.097	1162.597	320.3728	19.19693	0.358235	1.287862	488.4859	1410.553	0.312491	0.546033	195.237	49.39236	0.656852	100	0.3
1765.249	1162.749	320.3772	19.20068	0.350455	1.33495	488.2764	1400.342	0.30495	0.528775	229.4596	56.34367	0.749161	100	0.7
1765.401	1162.901	320.3815	19.24028	0.338867	1.456703	487.8519	1396.146	0.293729	0.504305	278.7125	68.50379	0.909032	100	1.3
1765.554	1163.054	320.386	19.22366	0.334462	1.508629	487.6454	1394.004	0.289486	0.49577	296.3473	73.80229	0.980176	100	1.5
1765.706	1163.206	320.3903	19.20787	0.33612	1.583954	487.5528	1390.042	0.291117	0.502615	284.6501	70.21361	0.93327	100	1.4
1765.859	1163.359	320.3947	19.29253	0.328707	1.71283	487.5704	1386.204	0.283965	0.48899	313.3229	79.68219	1.054617	100	1.9
1766.011	1163.511	320.3991	19.38168	0.308559	2.000727	487.5881	1374.909	0.264538	0.443605	402.7631	161.4079	2.126754	100	5.7
1766.163	1163.663	320.4035	19.46423	0.317633	1.748632	487.606	1378.353	0.273314	0.460466	367.3829	110.3679	1.448262	100	3.3
1766.316	1163.816	320.4079	19.43029	0.303596	1.937529	487.6207	1378.09	0.259809	0.423128	437.5469	264.8679	3.481564	100	10.3
1766.468	1163.968	320.4123	19.43293	0.316943	1.747718	487.1287	1377.302	0.272699	0.452323	379.4701	122.885	1.61507	100	3.8
1766.621	1164.121	320.4167	19.48298	0.318438	1.67084	486.0193	1362.663	0.274167	0.454436	374.527	117.3278	1.538202	100	3.5
1766.773	1164.273	320.4211	19.56569	0.320538	1.696604	483.414	1348.124	0.276221	0.459753	364.3559	107.7424	1.406753	100	3.1
1766.925	1164.425	320.4254	19.55619	0.303883	2.011896	481.2018	1323.328	0.260188	0.421775	438.8906	268.6773	3.509713	100	10.4
1767.078	1164.578	320.4298	19.44359	0.313055	1.793794	479.3337	1322.038	0.26905	0.449047	389.0264	135.8189	1.784188	100	4.4
1767.23	1164.73	320.4342	19.43528	0.313512	1.698885	479.2595	1339.059	0.269516	0.455347	379.6881	123.1461	1.6184	100	3.8
1767.383	1164.883	320.4386	19.44416	0.327903	1.366082	481.0647	1348.343	0.283442	0.49159	310.455	78.62083	1.032797	100	1.7
1767.535	1165.035	320.443	19.53159	0.33744	1.217967	483.2141	1351.045	0.292702	0.51153	270.1598	66.1528	0.865244	100	1.1
1767.687	1165.187	320.4474	19.59458	0.344156	1.143024	486.5154	1370.338	0.299241	0.521887	246.8425	60.2922	0.786138	100	0.7
1767.84	1165.34	320.4518	19.6492	0.332458	1.314348	488.5386	1383.039	0.287927	0.492834	302.5494	75.84531	0.986276	100	1.5
1767.992	1165.492	320.4562	19.58155	0.336589	1.406686	489.8279	1397.774	0.291954	0.501314	285.2903	70.40213	0.918573	100	1.3
1768.145	1165.645	320.4606	19.52331	0.323364	1.610814	489.6185	1412.853	0.279181	0.473282	341.6012	92.38681	1.208921	100	2.4
1768.297	1165.797	320.465	19.54152	0.322613	1.69244	488.9727	1423.766	0.27848	0.474412	341.0086	92.06504	1.203634	100	2.4
1768.449	1165.949	320.4693	19.5599	0.313631	1.733988	488.9937	1430.72	0.269834	0.457277	376.5874	119.5628	1.561723	100	3.7
1768.602	1166.102	320.4737	19.63076	0.317384	1.740632	489.3492	1434.233	0.273481	0.467875	356.9284	101.9736	1.327324	100	2.9
1768.754	1166.254	320.4781	19.72156	0.327912	1.579537	490.4298	1435.532	0.283679	0.489813	312.5806	79.40446	1.028952	100	1.8
1768.907	1166.407	320.4825	19.82453	0.347825	1.363732	491.6792	1435.569	0.303007	0.52849	232.5341	57.01938	0.735166	100	0.7
1769.059	1166.559	320.4869	19.897	0.331711	1.520092	493.1436	1432.131	0.287407	0.494052	301.5859	75.52071	0.970284	100	1.5
1769.211	1166.711	320.4913	19.95224	0.332679	1.590568	493.828	1432.336	0.288369	0.497291	295.7893	73.62366	0.943385	100	1.5
1769.364	1166.864	320.4957	19.95454	0.337592	1.535537	494.119	1434.854	0.293155	0.508986	273.0458	66.93234	0.857559	100	1.2
1769.516	1167.016	320.5001	19.93191	0.345882	1.476435	493.8542	1440.914	0.301222	0.524694	240.2358	58.75386	0.753609	100	0.8
1769.669	1167.169	320.5045	19.88834	0.352491	1.36682	493.1964	1445.478	0.307667	0.539288	211.2015	52.51163	0.674979	100	0.5
1769.821	1167.321	320.5088	19.88222	0.356529	1.307826	491.8778	1448.698	0.311619	0.550615	190.1172	48.43399	0.622757	100	0.3
1769.973	1167.473	320.5132	19.92032	0.341014	1.434905	490.8941	1451.624	0.296575	0.521951	250.4348	61.14945	0.784803	100	0.9
1770.126	1167.626	320.5176	19.84647	0.326553	1.583248	490.5283	1450.275	0.282594	0.491646	311.5489	79.02199	1.017848	100	1.8
1770.278	1167.778	320.522	19.79311	0.319007	1.685453	490.9423	1446.771	0.275328	0.475215	344.2514	93.86468	1.212202	100	2.5
1770.431	1167.931	320.5264	19.75347	0.314463	1.744977	491.9644	1444.661	0.270967	0.462926	367.2282	110.2294	1.426327	100	3.2
1770.583	1168.083	320.5308	19.81049	0.322904	1.629405	493.0909	1444.664	0.279142	0.479128	333.5871	88.27655	1.13909	100	2.2
1770.735	1168.235	320.5352	19.73845	0.324492	1.605929	492.9275	1445.77	0.280703	0.479397	331.062	87.07938	1.127629	100	2.1
1770.888	1168.388	320.5396	19.7211	0.333794	1.464763	491.0317	1438.614	0.289729	0.498754	291.8932	72.39815	0.938325	100	1.4
1771.04	1168.54	320.544	19.72337	0.335876	1.473277	487.5849	1429.037	0.291772	0.503826	282.0757	69.46388	0.900205	100	1.3
1771.193	1168.693	320.5484	19.62394	0.334614	1.466544	483.5268	1417.947	0.290574	0.501952	286.3143	70.70543	0.920807	100	1.3

1771.345	1168.845	320.5527	19.56347	0.333146	1.54095	480.1537	1407.583	0.289178	0.498548	292.9385	72.72329	0.949937	100	1.5
1771.497	1168.997	320.5571	19.48201	0.340116	1.408004	478.1136	1399.141	0.295957	0.514098	262.1237	64.04968	0.840045	100	1
1771.65	1169.15	320.5615	19.50237	0.344672	1.32306	477.3542	1393.856	0.300403	0.520666	246.9248	60.31166	0.790226	100	0.8
1771.802	1169.302	320.5659	19.47319	0.33912	1.300011	477.2768	1391.763	0.295042	0.505865	274.7481	67.39856	0.884376	100	1.1
1771.955	1169.455	320.5703	19.509	0.323447	1.438175	478.9316	1390.413	0.279896	0.467537	348.5432	96.40345	1.262724	100	2.5
1772.107	1169.607	320.5747	19.4273	0.306932	1.618544	482.7548	1391.183	0.263988	0.42938	423.1523	222.3797	2.924733	100	8.2
1772.259	1169.759	320.5791	19.39012	0.31021	1.604004	487.7944	1391.237	0.267171	0.441588	401.9129	159.5178	2.101906	100	5.4
1772.412	1169.912	320.5835	19.37847	0.304375	1.681075	492.3364	1392.192	0.261576	0.431484	423.5764	223.6769	2.949062	100	8.4
1772.564	1170.064	320.5878	19.47213	0.313216	1.578871	496.9983	1392.061	0.27012	0.454552	379.9521	123.4641	1.620218	100	3.8
1772.717	1170.217	320.5922	19.51651	0.33491	1.361466	495.8734	1390.827	0.291114	0.501351	286.3979	70.7303	0.926153	100	1.3
1772.869	1170.369	320.5966	19.51866	0.34285	1.309966	491.6341	1392.684	0.298838	0.515163	256.6793	62.67685	0.820621	100	0.9
1773.021	1170.521	320.601	19.39173	0.349094	1.321055	485.9913	1392.612	0.304926	0.526111	233.1703	57.16036	0.753161	100	0.7
1773.174	1170.674	320.6054	19.26829	0.339624	1.420052	484.4609	1389.757	0.295759	0.5037	276.7463	67.95217	0.900944	100	1.2
1773.326	1170.826	320.6098	19.31021	0.324122	1.611499	484.8289	1382.952	0.280777	0.469449	344.688	94.11448	1.245196	100	2.5
1773.479	1170.979	320.6142	19.41951	0.3118	1.64676	487.1287	1380.649	0.268907	0.437654	404.9462	166.482	2.190638	100	5.7
1773.631	1171.131	320.6186	19.40655	0.324219	1.47874	488.4332	1384.802	0.280922	0.468091	346.3629	95.09015	1.25206	100	2.5
1773.783	1171.283	320.623	19.42745	0.331709	1.363882	489.9315	1381.798	0.288192	0.48397	314.4156	80.095	1.053527	100	1.7
1773.936	1171.436	320.6274	19.50425	0.341342	1.278699	488.281	1372.696	0.297552	0.507654	268.8153	65.79416	0.86212	100	1
1774.088	1171.588	320.6317	19.49975	0.333091	1.393376	487.5775	1363.651	0.289581	0.49154	302.0523	75.67751	0.991858	100	1.5
1774.241	1171.741	320.6361	19.43331	0.32753	1.466997	487.2051	1370.812	0.284224	0.483675	320.299	82.40487	1.083628	100	1.9
1774.393	1171.893	320.6405	19.39519	0.322004	1.557587	486.9986	1378.532	0.278908	0.475317	339.1705	91.08606	1.200087	100	2.4
1774.545	1172.045	320.6449	19.36084	0.318692	1.589954	486.8506	1382.862	0.275734	0.47191	348.2511	96.22461	1.269989	100	2.6
1774.698	1172.198	320.6493	19.36307	0.314683	1.594192	486.5212	1386.23	0.27189	0.465283	362.7015	106.3788	1.403864	100	3.1
1774.85	1172.35	320.6537	19.38953	0.310242	1.658102	484.8619	1391.67	0.267633	0.456423	380.8022	124.5027	1.64088	100	4
1775.003	1172.503	320.6581	19.33248	0.319884	1.528018	483.3224	1399.875	0.276961	0.476934	339.6242	91.32508	1.207083	100	2.4
1775.155	1172.655	320.6625	19.29844	0.317765	1.587893	482.2866	1395.858	0.274941	0.47317	347.6074	95.8336	1.268861	100	2.6
1775.307	1172.807	320.6668	19.23954	0.309177	1.721732	482.3077	1390.318	0.266683	0.457264	380.9527	124.6889	1.655847	100	4
1775.46	1172.96	320.6712	19.1675	0.32556	1.548589	482.4358	1395.261	0.282522	0.493759	308.7321	77.99788	1.039598	100	1.8
1775.612	1173.112	320.6756	19.07819	0.335451	1.457653	482.5641	1404.552	0.292121	0.510224	272.7643	66.8557	0.895161	100	1.3
1775.765	1173.265	320.68	19.0967	0.338323	1.435275	482.5818	1403.768	0.294929	0.511349	267.3366	65.40296	0.874892	100	1.2
1775.917	1173.417	320.6844	19.11063	0.330694	1.48406	482.6062	1400.396	0.287565	0.495075	299.9578	74.97841	1.002282	100	1.6
1776.069	1173.569	320.6888	19.14942	0.326134	1.448719	483.2408	1402.176	0.283179	0.490205	312.7306	79.46041	1.060112	100	1.8
1776.222	1173.722	320.6932	19.14397	0.334566	1.347784	484.6162	1426.159	0.291364	0.511637	271.8592	66.61017	0.888928	100	1.2
1776.374	1173.874	320.6976	19.10188	0.365668	1.027089	487.8128	1445.942	0.321608	0.575856	141.4991	40.23343	0.538082	92	0
1776.527	1174.027	320.702	19.05667	0.361912	1.086957	490.7393	1473.852	0.317975	0.567027	158.6977	42.95879	0.575865	100	0
1776.679	1174.179	320.7064	18.98429	0.344189	1.345615	494.1539	1491.963	0.300771	0.527116	237.5165	58.13445	0.7822	100	0.8
1776.831	1174.331	320.7107	18.92342	0.33245	1.663922	496.288	1504.403	0.289417	0.501953	287.9094	71.18236	0.960774	100	1.6
1776.984	1174.484	320.7151	18.91751	0.330465	2.006254	497.4667	1521.862	0.28752	0.498482	295.3166	73.47292	0.992004	100	1.8
1777.136	1174.636	320.7195	18.91099	0.33682	2.144709	497.3709	1535.823	0.2937	0.516545	261.8609	63.9825	0.864167	100	1.4
1777.289	1174.789	320.7239	18.81321	0.332149	2.266073	497.1674	1554.13	0.289201	0.506117	282.4616	69.57541	0.944482	100	1.7
1777.441	1174.941	320.7283	18.8857	0.338711	2.052897	497.2464	1569.388	0.295583	0.518777	256.1822	62.55347	0.845989	100	1.3
1777.593	1175.093	320.7327	18.93726	0.318288	2.30433	497.9922	1580.407	0.27585	0.471806	348.2349	96.21466	1.297791	100	3
1777.746	1175.246	320.7371	19.06472	0.328116	2.101889	499.005	1584.326	0.285373	0.492131	307.0437	77.39753	1.037184	100	2
1777.898	1175.398	320.7415	18.95778	0.329864	2.003522	498.6325	1574.099	0.287091	0.496221	299.0299	74.67272	1.006182	100	1.8
1778.051	1175.551	320.7459	18.92945	0.334336	1.982126	498.4847	1548.116	0.291446	0.50405	282.2152	69.50418	0.937915	100	1.6
1778.203	1175.703	320.7502	18.80972	0.338123	1.907294	498.4992	1514.728	0.29514	0.514035	263.3385	64.36154	0.873921	100	1.3
1778.355	1175.855	320.7546	18.83891	0.349053	1.790799	498.2099	1458.403	0.305772	0.536767	217.2967	53.75787	0.728845	100	0.8
1778.508	1176.008	320.759	18.8634	0.358331	1.600031	494.4588	1418.951	0.314818	0.552862	182.6016	47.06211	0.637264	100	0.4
1778.66	1176.16	320.7634	18.85084	0.34808	1.800276	487.3171	1378.572	0.304878	0.528543	229.8796	56.43542	0.764692	100	0.9
1778.813	1176.313	320.7678	18.7792	0.336694	1.926806	478.5259	1354.114	0.293856	0.507985	273.4587	67.04498	0.911842	100	1.5
1778.965	1176.465	320.7722	18.77172	0.332922	1.797348	472.1642	1324.167	0.290228	0.512435	272.3252	66.73642	0.908009	100	1.4
1779.117	1176.617	320.7766	18.73524	0.329473	1.641285	470.4834	1291.824	0.286914	0.510474	279.605	68.75649	0.937282	100	1.5
1779.27	1176.77	320.781	18.645	0.325146	1.580936	472.7394	1265.462	0.282754	0.4971	303.8005	76.271	1.044646	100	1.8
1779.422	1176.922	320.7854	18.68322	0.329508	1.51368	475.7034	1246.225	0.286999	0.498478	296.0415	73.70428	1.007485	100	1.7
1779.575	1177.075	320.7898	18.71737	0.322962	1.542431	477.0971	1236.176	0.280694	0.480919	328.9749	86.1211	1.175129	100	2.3
1779.727	1177.227	320.7941	18.72837	0.322248	1.502136	476.1534	1236.368	0.280029	0.48089	329.9318	86.55707	1.180414	100	2.3
1779.879	1177.379	320.7985	18.7391	0.308777	1.633952	473.784	1239.056	0.267057	0.452112	387.5472	133.5991	1.820946	100	4.5
1780.032	1177.532	320.8029	18.74086	0.296023	1.82299	472.9241	1246.727	0.254811	0.42183	446.2358	289.051	3.939429	100	12
1780.184	1177.684	320.8073	18.74376	0.297095	1.774072	474.1795	1254.053	0.255866	0.430477	432.8467	251.3367	3.424948	100	10.2
1780.337	1177.837	320.8117	18.80867	0.30758	1.565667	476.3688	1257.82	0.265979	0.452921	387.9187	134.1483	1.821892	100	4.6
1780.489	1177.989	320.8161	18.83101	0.332665	1.284357	477.9928	1257.703	0.290232	0.499516	290.1478	71.86102	0.974838	100	1.4
1780.641	1178.141	320.8205	18.89301	0.333789	1.301688	477.7219	1256.593	0.291346	0.48793	304.6002	76.54564	1.035074	100	1.6
1780.794	1178.294	320.8249	18.95101	0.337763	1.309666	476.5632	1251.622	0.295221	0.491953	293.7003	72.96189	0.98368	100	1.4
1780.946	1178.446	320.8292	19.00568	0.331508	1.381218	474.8562	1246.807	0.289187	0.481813	316.0207	80.71024	1.085104	100	1.8
1781.099	1178.599	320.8337	19.00786	0.328903	1.377133	473.7606	1242.885	0.286691	0.476002	327.4839	85.45286	1.14875	100	2
1781.251	1178.751	320.838	18.96214	0.331553	1.342593	473.1636	1243.758	0.289281	0.480233	318.0701	81.51176	1.098357	100	1.9
1781.403	1178.903	320.8424	18.98092	0.321637	1.39537	472.7303	1239.159	0.279716	0.453998	367.4747	110.4503	1.48688	100	3.2
1781.556	1179.056	320.8468	18.95525	0.322058	1.40043	471.8541	1232.392	0.280149	0.457446	362.1196	105.9105	1.427663	100	3
1781.708	1179.208	320.8512	18.94157	0.328377	1.328456	470.5818	1223.663	0.286284	0.474521	330.0898	86.6296	1.168595	100	2.1
1781.861	1179.361	320.8556	18.92949	0.327406	1.400899	468.9243	1216.395	0.285369	0.472214	334.535	88.73723	1.197784	100	2.2
1782.013	1179.513	320.86	18.96502	0.306718	1.597218	467.0974	1206.462	0.265427	0.420452	433.4868	253.1988	3.411496	100	9.8
1782.165	1179.665	320.8644	19.00968	0.334566	1.271649	464.9897	1197.892	0.292351	0.485803	306.1486	77.0832	1.03622	100	1.6
1782.318	1179.818	320.8688	18.98183	0.343244	1.224175	462.3874	1187.09	0.300789	0.507278	264.8673	64.75699	0.871775	100	1
1782.47	1179.97	320.8731	18.93193	0.34287	1.286143	460.5193	1176.833	0.300451	0.510793	260.483	63.63175	0.858838	100	1
1782.623	1180.123	320.8775	18.90205	0.331644	1.395233	460.4418	1165.613	0.289596	0.49193	301.4941	75.48994	1.02047	100	1.6
1782.775	1180.275	320.8819	18.80773	0.333018	1.347309	462.1396	1155.087	0.290952	0.497563	291.8496	72.38464	0.983292	100	1.5
1782.927	1180.427	320.8863	18.81019	0.338578	1.314476	464.2719	1150.63	0.296365	0.508542	269.2293	65.90429	0.895157	100	1.2
1783.08	1180.58	320.8907	18.68832	0.335093	1.444523	465.9098	1155.62	0.293012	0.491453	297.4379	74.15383	1.013633	100	1.6
1783.232	1180.732	320.8951	18.69349	0.347167	1.361561	467.4404	1169.852	0.304749	0.50514	262.3541	64.10868	0.876095	100	1.1
1783.385	1180.885	320.8995	18.64592	0.348191	1.428136	469.5389	1187.437	0.305768	0.493572	276.9107	67.99801	0.931573	100	1.2

1783.537	1181.037	320.9039	18.64447	0.354011	1.456736	473.1931	1214.25	0.311449	0.498244	262.6235	64.17774	0.879312	100	1.1
1783.689	1181.189	320.9082	18.61882	0.345841	1.741493	478.0116	1242.634	0.303537	0.479895	298.8641	74.61838	1.023749	100	1.6
1783.842	1181.342	320.9126	18.62372	0.337486	1.856756	482.6057	1271.779	0.295457	0.472089	320.7864	82.60328	1.133021	100	2.1
1783.994	1181.494	320.917	18.56775	0.326665	1.88496	486.4536	1295.083	0.285006	0.4612	350.2352	97.45836	1.340734	100	2.8
1784.147	1181.647	320.9214	18.48974	0.321363	1.753244	487.6814	1319.899	0.279907	0.462542	355.4216	100.9059	1.393905	100	3
1784.299	1181.799	320.9258	18.51035	0.315726	1.785743	486.7439	1338.442	0.274489	0.460583	365.6015	108.8017	1.501356	100	3.5
1784.451	1181.951	320.9302	18.59514	0.314107	1.889891	484.9831	1353.068	0.272953	0.468229	357.1699	102.1477	1.403269	100	3.2
1784.604	1182.104	320.9346	18.69726	0.309062	2.056134	484.5156	1362.79	0.268114	0.465467	367.6585	110.6158	1.511507	100	3.7
1784.756	1182.256	320.939	18.65406	0.307927	2.171157	486.0476	1369.43	0.267045	0.461606	374.4609	117.2579	1.605911	100	4.1
1784.909	1182.409	320.9434	18.75048	0.307785	2.225851	488.1798	1375.347	0.266934	0.454642	384.2253	128.9199	1.756778	100	4.6
1785.061	1182.561	320.9478	18.84041	0.314605	2.005496	489.8638	1377.655	0.273533	0.468722	355.6875	101.0921	1.371166	100	3.1
1785.213	1182.713	320.9521	18.76046	0.322179	1.861575	490.2652	1379.13	0.280872	0.490732	315.1876	80.38957	1.094915	100	2.1
1785.366	1182.866	320.9565	18.75366	0.316877	1.909439	489.8349	1375.756	0.275776	0.486302	328.3328	85.83169	1.169465	100	2.4
1785.518	1183.018	320.9609	18.74727	0.330221	1.647203	489.186	1373.249	0.288699	0.514881	271.0602	66.39454	0.904943	100	1.4
1785.671	1183.171	320.9653	18.82289	0.334682	1.592087	488.872	1371.894	0.293043	0.520487	257.328	62.83836	0.853123	100	1.2
1785.823	1183.323	320.9697	18.85432	0.335542	1.593167	488.8926	1373.696	0.293902	0.518208	259.2894	63.33003	0.858409	100	1.2
1785.975	1183.475	320.9741	18.79716	0.328097	1.82314	489.2484	1380.453	0.286718	0.49724	298.137	74.38085	1.011201	100	1.8
1786.128	1183.628	320.9785	18.74939	0.333145	1.70147	489.9325	1381.211	0.29163	0.506428	278.6801	68.49464	0.933506	100	1.5
1786.28	1183.78	320.9829	18.74231	0.333199	1.60731	490.5001	1380.843	0.291708	0.507253	277.4346	68.14449	0.929087	100	1.4
1786.433	1183.933	320.9873	18.77808	0.316931	1.713788	490.0016	1371.994	0.276004	0.474322	344.5503	94.03549	1.279716	100	2.7
1786.585	1184.085	320.9916	18.81071	0.315432	1.748784	487.8263	1356.689	0.274583	0.476528	343.4663	93.4201	1.269202	100	2.7
1786.737	1184.237	320.996	18.74244	0.300736	1.970855	483.4213	1338.327	0.260451	0.449523	400.2359	155.9235	2.125928	100	5.8
1786.89	1184.39	321.0004	18.77147	0.280623	2.325555	478.4271	1306.941	0.241177	0.408677	483.2029	381.1495	5.188967	100	17.4
1787.042	1184.542	321.0048	18.81413	0.283124	1.977779	473.9228	1287.284	0.243596	0.414018	472.4916	356.1246	4.837599	100	15.9
1787.195	1184.695	321.0092	18.85481	0.301773	1.582679	470.5934	1259.625	0.261524	0.456044	389.7555	136.9459	1.856377	100	4.8
1787.347	1184.847	321.0136	18.84245	0.305793	1.469685	467.763	1250.708	0.265419	0.465114	371.8656	114.5991	1.554466	100	3.7
1787.499	1184.999	321.018	18.84921	0.299075	1.579197	464.8291	1243.089	0.25898	0.453583	396.6635	148.8195	2.017959	100	5.4
1787.652	1185.152	321.0224	18.88923	0.296036	1.588752	462.623	1241.825	0.256085	0.452434	402.2445	160.2495	2.168479	100	6
1787.804	1185.304	321.0268	18.95206	0.288074	1.584607	461.6579	1238.056	0.248467	0.439468	430.6494	244.8993	3.30327	100	10.1
1787.957	1185.457	321.0312	19.00764	0.302552	1.304848	463.4232	1238.178	0.2624	0.470956	367.9697	110.8976	1.491568	100	3.5
1788.109	1185.609	321.0355	19.06856	0.304186	1.268124	467.3599	1240.907	0.263997	0.470919	365.8158	108.9868	1.46132	100	3.3
1788.261	1185.761	321.0399	18.97248	0.319369	1.247841	472.5715	1248.323	0.278661	0.496375	310.4499	78.61897	1.059357	100	1.8
1788.414	1185.914	321.0443	18.95674	0.317858	1.347308	477.6694	1260.023	0.277227	0.486866	325.5514	84.60588	1.140964	100	2.1
1788.566	1186.066	321.0487	19.02576	0.328921	1.294294	482.1438	1280.203	0.287944	0.504387	286.5842	70.78575	0.951224	100	1.4
1788.719	1186.219	321.0531	19.1013	0.324851	1.450623	485.6721	1297.015	0.284032	0.493221	307.3902	77.51995	1.037714	100	1.8
1788.871	1186.371	321.0575	19.16996	0.320811	1.591567	487.97	1307.087	0.280154	0.483822	325.7134	84.67608	1.129566	100	2.2
1789.023	1186.523	321.0619	19.20138	0.28965	2.163498	489.6512	1318.019	0.250179	0.415779	460.9781	327.7649	4.365416	100	13.9
1789.176	1186.676	321.0663	19.20357	0.285592	2.156483	489.8379	1327.084	0.246313	0.409159	475.448	363.1582	4.836327	100	15.8
1789.328	1186.828	321.0706	19.26642	0.303937	1.86713	489.963	1343.884	0.263959	0.451668	392.4343	141.2838	1.875578	100	4.9
1789.481	1186.981	321.0751	19.43299	0.33488	1.452288	489.5322	1352.619	0.293864	0.515348	263.2869	64.34825	0.847124	100	1.1
1789.633	1187.133	321.0794	19.35916	0.344291	1.431587	488.8833	1353.685	0.303014	0.534435	224.3204	55.23445	0.729849	100	0.7
1789.785	1187.285	321.0838	19.20917	0.339982	1.455571	488.7935	1358.051	0.298859	0.528504	238.2385	58.29816	0.776194	100	0.9
1789.938	1187.438	321.0882	19.11269	0.345094	1.43126	489.2596	1372.09	0.303844	0.539643	215.9875	53.48749	0.715653	100	0.7
1790.09	1187.59	321.0926	19.06424	0.345792	1.391286	489.8303	1399.946	0.304547	0.540358	214.0321	53.0864	0.712054	100	0.6
1790.243	1187.743	321.097	18.96853	0.355919	1.422665	489.9584	1417	0.314413	0.559796	173.5917	45.47027	0.612905	100	0.3
1790.395	1187.895	321.1014	18.87337	0.352838	1.549272	489.7551	1434.321	0.311442	0.553448	186.4528	47.75998	0.646943	100	0.5
1790.547	1188.047	321.1058	18.89766	0.360083	1.520857	489.6622	1448.411	0.318515	0.566407	158.8081	42.97687	0.581429	100	0.2
1790.7	1188.2	321.1102	18.87167	0.347743	1.661201	490.0208	1456.811	0.306541	0.5402	211.498	52.57151	0.712197	100	0.7
1790.852	1188.352	321.1145	18.84509	0.332392	1.833157	490.7695	1459.648	0.291681	0.509019	275.0341	67.47739	0.915399	100	1.5
1791.005	1188.505	321.1189	18.8643	0.329804	1.873684	492.1815	1465.049	0.289201	0.50504	283.9478	70.00777	0.948793	100	1.6
1791.157	1188.657	321.1233	18.97517	0.321253	2.035087	493.4086	1466.708	0.280958	0.484686	323.411	83.69182	1.127793	100	2.3
1791.309	1188.809	321.1277	18.96777	0.320488	2.126494	492.6439	1467.399	0.280244	0.480202	330.5845	86.85773	1.170914	100	2.5
1791.462	1188.962	321.1321	19.06632	0.316861	2.219756	491.6663	1469.508	0.276767	0.472983	345.3446	94.49364	1.267446	100	2.9
1791.614	1189.114	321.1365	19.04595	0.337622	1.832842	491.9144	1473.106	0.296873	0.521965	250.0034	61.0457	0.819671	100	1.2
1791.767	1189.267	321.1409	19.01837	0.340628	1.729395	492.8232	1476.38	0.299813	0.531089	233.3554	57.20145	0.769148	100	0.9
1791.919	1189.419	321.1453	19.03768	0.357526	1.496098	493.5038	1480.608	0.316252	0.564728	164.2472	43.87759	0.589414	100	0.3
1792.071	1189.571	321.1496	19.15932	0.344593	1.635063	493.4632	1486.97	0.30371	0.536975	219.8548	54.29053	0.724788	100	0.8
1792.224	1189.724	321.1541	19.12566	0.341503	1.709418	492.8671	1506.555	0.300736	0.53108	232.0932	56.92191	0.761229	100	0.9
1792.376	1189.876	321.1584	19.10748	0.32231	2.056034	492.3284	1514.855	0.28218	0.491114	312.8547	79.50675	1.064258	100	2.1
1792.529	1190.029	321.1628	19.09511	0.324606	2.129245	492.2385	1513.556	0.284425	0.492539	307.7908	77.66198	1.040232	100	2
1792.681	1190.181	321.1672	19.08414	0.32452	2.068001	492.4742	1501.464	0.284366	0.489981	311.4014	78.96763	1.058325	100	2.1
1792.833	1190.333	321.1716	19.04977	0.323524	2.034816	492.2616	1486.667	0.283428	0.489669	313.1263	79.6084	1.068801	100	2.1
1792.986	1190.486	321.176	19.08874	0.327239	1.858543	490.9861	1478.736	0.287045	0.502983	289.7615	71.7431	0.961297	100	1.7
1793.138	1190.638	321.1804	19.03671	0.322776	1.892052	488.8764	1476.123	0.282756	0.498142	302.3602	75.78136	1.018123	100	1.9
1793.291	1190.791	321.1848	18.988	0.322912	1.853944	486.3435	1472.513	0.282913	0.500496	298.8961	74.62887	1.005159	100	1.8
1793.443	1190.943	321.1892	18.99577	0.323898	1.753373	485.7592	1463.053	0.28389	0.502665	294.5537	73.2309	0.985948	100	1.7
1793.595	1191.095	321.1935	18.93196	0.316562	1.808964	486.5141	1444.755	0.27683	0.482504	332.1192	87.57542	1.182965	100	2.5
1793.748	1191.248	321.1979	18.91162	0.324429	1.646641	488.9841	1424.63	0.284454	0.492246	308.1537	77.79113	1.051914	100	1.9
1793.9	1191.4	321.2023	18.79764	0.318213	1.827061	490.619	1417.424	0.278474	0.475882	338.9893	90.99109	1.237705	100	2.6
1794.053	1191.553	321.2067	18.80201	0.33012	1.687002	492.2616	1423.592	0.290009	0.503096	285.5157	70.46869	0.958342	100	1.6
1794.205	1191.705	321.2111	18.76756	0.32923	1.726902	494.2832	1448.828	0.289172	0.502139	287.9915	71.20706	0.970131	100	1.6
1794.357	1191.857	321.2155	18.73585	0.336505	1.597536	495.9703	1460.054	0.296242	0.512425	264.0394	64.54243	0.880795	100	1.3
1794.51	1192.01	321.2199	18.64852	0.333649	1.675412	496.5376	1464.51	0.2935	0.49703	289.0693	71.53263	0.980667	100	1.6
1794.662	1192.162	321.2243	18.7372	0.333079	1.727971	496.1009	1483.711	0.292974	0.490183	299.2439	74.74302	1.019951	100	1.7
1794.815	1192.315	321.2287	18.75043	0.325073	1.89347	494.6688	1488.877	0.285252	0.477271	327.7185	85.55714	1.16673	100	2.3
1794.967	1192.467	321.233	18.88259	0.321259	1.948034	493.3473	1491.42	0.281591	0.481239	327.295	85.36912	1.156221	100	2.4
1795.119	1192.619	321.2374	18.9223	0.323431	1.901029	492.3078	1484.93	0.283715	0.494989	305.3892	76.81858	1.038295	100	2
1795.272	1192.772	321.2418	18.91673	0.329665	1.817949	491.6533	1491.478	0.289769	0.510427	275.7295	67.6696	0.914909	100	1.5
1795.424	1192.924	321.2462	19.02158	0.324141	1.876449	490.9431	1494.406	0.284451	0.494366	305.233	76.76438	1.032302	100	1.9
1795.577	1193.077	321.2506	19.08109	0.316182	2.00273	490.0086	1501.033	0.276789	0.472989	345.3064	94.47145	1.266571	100	2.8

1795.729	1193.229	321.255	19.13559	0.334312	1.713105	488.7064	1504.278	0.294343	0.508726	271.7656	66.58487	0.89023	100	1.4
1795.881	1193.381	321.2594	19.1902	0.337802	1.645316	489.8351	1505.443	0.29775	0.516481	256.3618	62.59799	0.834614	100	1.1
1796.034	1193.534	321.2638	19.31717	0.337925	1.61547	490.3534	1498.88	0.297894	0.516765	255.7713	62.4517	0.827343	100	1.1
1796.186	1193.686	321.2682	19.33076	0.321375	1.834282	490.5275	1487.116	0.281904	0.482896	324.5767	84.18659	1.11453	100	2.2
1796.339	1193.839	321.2726	19.21292	0.319166	1.897442	489.2552	1473.694	0.279795	0.475998	337.0069	89.96923	1.198211	100	2.5
1796.491	1193.991	321.2769	19.09764	0.310177	2.125265	487.5988	1462.186	0.271148	0.460579	370.2169	112.9922	1.513698	100	3.7
1796.643	1194.143	321.2813	19.25722	0.323629	1.913389	485.955	1448.741	0.284157	0.494984	304.785	76.60939	1.018021	100	1.9
1796.796	1194.296	321.2857	19.19549	0.329695	1.841119	485.7453	1438.745	0.290049	0.51303	271.7524	66.58129	0.887544	100	1.4
1796.948	1194.448	321.2901	19.3155	0.326247	1.787674	485.37	1430.061	0.286738	0.500507	293.6018	72.93095	0.966314	100	1.7
1797.101	1194.601	321.2945	19.32542	0.296561	2.261412	484.714	1425.421	0.258145	0.43878	418.2427	205.7024	2.724166	100	8.1
1797.253	1194.753	321.2989	19.32614	0.281547	2.675499	483.7342	1416.952	0.243768	0.416428	468.9297	347.5179	4.602146	100	15.4
1797.405	1194.905	321.3033	19.27996	0.301092	2.291757	483.4233	1411.776	0.262551	0.472573	365.5289	108.7391	1.443396	100	3.7
1797.558	1195.058	321.3077	19.44592	0.331945	1.506491	484.003	1403.593	0.292352	0.532076	242.2901	59.22703	0.779654	100	1
1797.71	1195.21	321.312	19.48824	0.348484	1.311668	485.091	1413.481	0.308415	0.555934	187.1989	47.89643	0.629175	100	0.3
1797.863	1195.363	321.3165	19.52853	0.35715	1.266999	487.0022	1416.747	0.316864	0.567439	159.6627	43.11714	0.565264	100	0.1
1798.015	1195.515	321.3208	19.52014	0.365826	1.209256	488.6938	1416.098	0.325337	0.581632	128.3826	38.27288	0.501971	91	0
1798.167	1195.667	321.3252	19.55978	0.375223	1.149172	489.9299	1410.36	0.334527	0.596917	94.607	33.65503	0.44054	76.4	0
1798.32	1195.82	321.3296	19.46733	0.364966	1.236702	490.0497	1405.086	0.324549	0.5729	141.5212	40.23682	0.529133	96.9	0
1798.472	1195.972	321.334	19.45591	0.353446	1.399926	488.9434	1404.338	0.313362	0.546502	193.3875	49.04389	0.645325	100	0.4
1798.625	1196.125	321.3384	19.51024	0.339978	1.587588	486.8479	1403.739	0.30031	0.519058	249.2727	60.87047	0.79878	100	1
1798.777	1196.277	321.3428	19.50669	0.335675	1.626438	486.0361	1402.981	0.296164	0.508793	269.1593	65.88566	0.864755	100	1.2
1798.929	1196.429	321.3472	19.6703	0.340401	1.495915	486.232	1404.596	0.300771	0.521598	245.1317	59.88919	0.779705	100	0.9
1799.082	1196.582	321.3516	19.75469	0.342857	1.380012	487.4694	1403.796	0.303178	0.529527	230.8683	56.65213	0.73451	100	0.7
1799.234	1196.734	321.3559	19.78575	0.345032	1.298255	487.978	1402.638	0.305313	0.539688	213.8978	53.05898	0.686883	100	0.5
1799.387	1196.887	321.3603	19.83909	0.345204	1.297992	486.979	1403.067	0.305506	0.541056	211.7457	52.6216	0.679451	100	0.5
1799.539	1197.039	321.3647	19.88176	0.336184	1.426328	484.6469	1403.495	0.296782	0.520094	252.7104	61.70046	0.795028	100	1
1799.691	1197.191	321.3691	19.96098	0.326144	1.540728	481.7732	1408.462	0.287089	0.496739	298.3175	74.43968	0.955495	100	1.6
1799.844	1197.344	321.3735	20.0784	0.306547	1.778659	480.3514	1412.112	0.268201	0.456688	379.6528	123.1037	1.571199	100	3.9
1799.996	1197.496	321.3779	19.9879	0.312939	1.69933	480.3232	1413.368	0.274387	0.476562	343.6909	93.54672	1.199208	100	2.5
1800.149	1197.649	321.3823	19.82619	0.329092	1.506745	481.6789	1407.444	0.290015	0.513419	271.2608	66.44859	0.858574	100	1.2
1800.301	1197.801	321.3867	19.68395	0.355472	1.259508	482.8094	1391.502	0.315632	0.565369	164.2194	43.87295	0.570859	100	0.1
1800.453	1197.953	321.391	19.64421	0.35086	1.329242	483.4321	1379.535	0.311173	0.553548	186.6843	47.80228	0.623215	100	0.3
1800.606	1198.106	321.3955	19.62477	0.333024	1.60381	482.946	1367.148	0.293897	0.516669	261.4196	63.86987	0.833504	100	1.2
1800.758	1198.258	321.3998	19.56166	0.331383	1.621451	482.2388	1373.968	0.292332	0.514713	266.278	65.12493	0.852556	100	1.2
1800.911	1198.411	321.4042	19.45742	0.318207	1.664651	481.593	1387.443	0.279619	0.489189	319.0444	81.89934	1.077748	100	2.1
1801.063	1198.563	321.4086	19.50635	0.306276	1.734163	481.9489	1398.808	0.268141	0.465167	368.035	110.9569	1.456583	100	3.5
1801.215	1198.715	321.413	19.53882	0.312093	1.573384	482.4727	1401.731	0.27377	0.477723	342.9391	93.12482	1.220531	100	2.6
1801.368	1198.868	321.4174	19.4106	0.313878	1.544962	483.5501	1402.685	0.275517	0.479192	338.5006	90.73629	1.196878	100	2.4
1801.52	1199.02	321.4218	19.40516	0.33091	1.353442	484.6858	1400.758	0.292	0.514939	266.4247	65.16336	0.859796	100	1.2
1801.673	1199.173	321.4262	19.51667	0.324798	1.419609	485.7016	1399.121	0.286112	0.503049	290.958	72.10946	0.946169	100	1.5
1801.825	1199.325	321.4306	19.58675	0.338757	1.269271	485.8237	1398.447	0.299651	0.532585	231.5145	56.79425	0.74263	100	0.7
1801.977	1199.477	321.4349	19.46401	0.332684	1.368123	485.1718	1407.254	0.293792	0.513877	265.4158	64.89971	0.853827	100	1.1
1802.13	1199.63	321.4393	19.41256	0.34178	1.296794	484.7474	1416.027	0.302633	0.526461	235.851	57.75889	0.761849	100	0.8
1802.282	1199.782	321.4437	19.27374	0.342466	1.308842	484.6542	1416.504	0.303323	0.521115	242.2756	59.22367	0.786655	100	0.8
1802.435	1199.935	321.4481	19.20288	0.334202	1.40388	484.899	1414.116	0.295336	0.505737	274.5183	67.33534	0.897626	100	1.3
1802.587	1200.087	321.4525	19.0904	0.319578	1.619955	485.5893	1403.074	0.281218	0.479072	330.8005	86.9578	1.165876	100	2.3
1802.739	1200.239	321.4569	19.08328	0.314617	1.780878	486.3348	1411.981	0.276455	0.47651	340.9077	92.01057	1.234083	100	2.6
1802.892	1200.392	321.4613	19.08499	0.317863	1.775821	487.578	1419.492	0.279612	0.486282	323.0657	83.54663	1.120476	100	2.2
1803.044	1200.544	321.4657	19.17551	0.318144	1.822988	488.2071	1426.79	0.279908	0.483151	326.9786	85.22933	1.137795	100	2.3
1803.197	1200.697	321.4701	19.26608	0.331751	1.622662	488.4395	1431.749	0.293088	0.507963	274.5489	67.34376	0.894918	100	1.4
1803.349	1200.849	321.4745	19.22985	0.335535	1.574609	487.6216	1430.48	0.296778	0.519883	253.0085	61.77311	0.822406	100	1.1
1803.501	1201.001	321.4788	19.21371	0.312757	1.8644	487.194	1434.968	0.274785	0.484951	331.564	87.31402	1.163406	100	2.5
1803.654	1201.154	321.4832	19.26191	0.299035	2.099143	487.1044	1432.619	0.261597	0.471072	368.9171	111.7676	1.48562	100	3.8
1803.806	1201.306	321.4876	19.27365	0.305899	1.958192	487.4595	1431.186	0.268227	0.487108	337.6388	90.29159	1.199461	100	2.7
1803.959	1201.459	321.492	19.21556	0.317467	1.80069	488.2574	1434.837	0.279404	0.501296	302.634	75.87395	1.010912	100	1.9
1804.111	1201.611	321.4964	19.16313	0.326811	1.670655	488.7199	1441.056	0.288458	0.505005	285.0215	70.32286	0.939461	100	1.5
1804.263	1201.763	321.5008	19.04856	0.339448	1.507432	488.8393	1441.681	0.300721	0.521571	245.2373	59.91396	0.805108	100	1
1804.416	1201.916	321.5052	19.01534	0.330946	1.59268	488.0737	1438.557	0.292508	0.502244	283.2416	69.80176	0.939587	100	1.5
1804.568	1202.068	321.5096	19.00572	0.324623	1.712548	486.8627	1436.186	0.286417	0.492523	305.0627	76.70538	1.033036	100	1.9
1804.721	1202.221	321.514	18.88456	0.316385	1.817599	485.8206	1436.304	0.278485	0.476172	338.5728	90.7738	1.230174	100	2.6
1804.873	1202.373	321.5183	18.78241	0.319241	1.753367	484.8308	1430.29	0.281267	0.48303	325.2703	84.48443	1.151035	100	2.3
1805.025	1202.525	321.5227	18.67648	0.312931	1.828366	483.6323	1428.113	0.275203	0.471778	349.1665	96.78834	1.325992	100	3
1805.178	1202.678	321.5271	18.61058	0.305816	1.963072	483.8801	1419.466	0.268372	0.462245	371.7487	114.4831	1.573858	100	3.9
1805.33	1202.83	321.5315	18.58485	0.301423	2.039593	484.8469	1411.255	0.264168	0.466607	371.5301	114.2671	1.573034	100	4
1805.483	1202.983	321.5359	18.64453	0.296075	2.083946	486.0254	1402.785	0.259052	0.46421	381.8989	125.876	1.727437	100	4.7
1805.635	1203.135	321.5403	18.70127	0.280752	2.29636	485.4804	1398.875	0.24438	0.43956	436.1631	260.9176	3.570074	100	11.6
1805.787	1203.287	321.5447	18.80925	0.279174	2.345925	484.7676	1397.532	0.242895	0.433405	446.7059	290.3294	3.950261	100	13.1
1805.94	1203.44	321.5491	18.88731	0.268176	2.800224	483.443	1398.017	0.232408	0.405557	499.6079	417.1488	5.652933	100	20.2
1806.092	1203.592	321.5534	18.88823	0.292276	2.313494	481.8955	1394.663	0.255504	0.449836	406.6319	170.6292	2.312173	100	6.8
1806.245	1203.745	321.5579	18.91987	0.30051	2.185796	480.0168	1390.709	0.26344	0.457657	384.8855	129.8177	1.756288	100	4.7
1806.397	1203.897	321.5622	18.80503	0.315083	1.90833	478.4217	1379.733	0.277502	0.480935	333.3561	88.16523	1.199905	100	2.6
1806.549	1204.049	321.5666	18.77991	0.313428	1.934251	477.779	1379.115	0.275931	0.479247	337.8542	90.40219	1.231971	100	2.7
1806.702	1204.202	321.571	18.8044	0.319008	1.864327	478.2451	1374.061	0.281341	0.496611	306.4257	77.18023	1.05046	100	2
1806.854	1204.354	321.5754	18.82275	0.318604	1.794747	478.9293	1368.148	0.280976	0.499279	303.2491	76.08278	1.034548	100	2
1807.007	1204.507	321.5798	18.71958	0.32	1.698099	479.1646	1358.859	0.282349	0.496502	305.1853	76.74787	1.049225	100	2
1807.159	1204.659	321.5842	18.65691	0.311745	1.782819	478.863	1359.468	0.274407	0.470845	351.5517	98.30196	1.348321	100	3
1807.311	1204.811	321.5886	18.73308	0.294704	2.019508	480.2812	1363.654	0.258034	0.425305	436.9927	263.2892	3.596987	100	11
1807.464	1204.964	321.593	18.84696	0.306256	1.846807	482.3197	1378.389	0.269169	0.451561	385.3926	130.5179	1.77259	100	4.5
1807.616	1205.116	321.5973	18.96261	0.302355	1.837042	485.8601	1388.465	0.265439	0.442299	403.3217	162.6756	2.196197	100	6
1807.769	1205.269	321.6017	19.00762	0.322176	1.602504	489.3979	1401.244	0.284575	0.487796	314.128	79.98588	1.077363	100	2

1807.921	1205.421	321.6061	19.12389	0.331578	1.511902	493.7124	1412.17	0.293693	0.510254	270.5523	66.25802	0.887173	100	1.3
1808.073	1205.573	321.6105	19.1188	0.347152	1.375582	497.2809	1422.378	0.308819	0.544149	202.9042	50.86506	0.681251	100	0.5
1808.226	1205.726	321.6149	19.02305	0.347382	1.389183	498.7265	1430.898	0.309067	0.540833	207.1386	51.69832	0.695818	100	0.6
1808.378	1205.878	321.6193	18.98814	0.364356	1.198951	496.9967	1435.638	0.325602	0.571873	141.4842	40.23115	0.542457	98.1	0
1808.531	1206.031	321.6237	18.95106	0.356789	1.287483	493.4512	1440.595	0.31826	0.554066	176.19	45.92355	0.6204	100	0.3
1808.683	1206.183	321.6281	19.08299	0.350729	1.299628	490.8518	1439.626	0.312392	0.546382	194.8909	49.32695	0.661889	100	0.4
1808.835	1206.335	321.6324	19.08202	0.344961	1.389745	489.257	1439.35	0.306816	0.537728	214.5291	53.18805	0.713742	100	0.6
1808.988	1206.488	321.6369	19.13559	0.340908	1.428343	488.6146	1439.843	0.302908	0.531197	228.9348	56.22925	0.752501	100	0.8
1809.14	1206.64	321.6412	19.20851	0.332343	1.537546	489.1417	1441.062	0.294633	0.513342	264.9951	64.7902	0.86387	100	1.2
1809.293	1206.793	321.6456	19.28515	0.342023	1.403033	490.219	1439.541	0.30404	0.531891	226.4155	55.68363	0.739582	100	0.7
1809.445	1206.945	321.65	19.28672	0.345045	1.342329	491.1733	1435.338	0.306997	0.536412	216.0957	53.50977	0.710661	100	0.6
1809.597	1207.097	321.6544	19.27872	0.339537	1.434983	490.8423	1432.71	0.301678	0.521098	244.5695	59.75747	0.793965	100	0.9
1809.75	1207.25	321.6588	19.2777	0.34194	1.380597	489.0215	1426.9	0.304033	0.52549	235.2578	57.62583	0.765691	100	0.8
1809.902	1207.402	321.6632	19.34193	0.343828	1.352983	487.5311	1428.729	0.30589	0.527577	229.8155	56.42142	0.747271	100	0.7
1810.055	1207.555	321.6676	19.34471	0.348716	1.279755	486.2198	1424.781	0.310661	0.539816	206.342	51.54047	0.682538	100	0.5
1810.207	1207.707	321.672	19.35787	0.355697	1.202963	485.7479	1436.187	0.317471	0.557716	172.2419	45.23661	0.598667	100	0.2
1810.359	1207.859	321.6763	19.38637	0.344277	1.31896	487.2331	1439.17	0.306401	0.538022	214.6967	53.22235	0.703351	100	0.6
1810.512	1208.012	321.6807	19.41264	0.354266	1.226966	490.2061	1441.397	0.316129	0.557745	174.0535	45.55049	0.601179	100	0.2
1810.664	1208.164	321.6851	19.41805	0.345248	1.313516	492.942	1440.512	0.307393	0.535757	216.4533	53.5835	0.707015	100	0.6
1810.817	1208.317	321.6895	19.37904	0.347995	1.284574	493.6167	1437.161	0.310085	0.537284	210.6315	52.39669	0.692718	100	0.5
1810.969	1208.469	321.6939	19.41753	0.337725	1.379125	492.3979	1435.443	0.300145	0.514219	256.1771	62.5522	0.825393	100	1
1811.121	1208.621	321.6983	19.30567	0.333205	1.470771	490.4116	1431.345	0.295791	0.506758	272.4818	66.77893	0.886147	100	1.3
1811.274	1208.774	321.7027	19.1857	0.336682	1.406408	489.044	1429.054	0.299184	0.514828	256.6643	62.67311	0.83674	100	1.1
1811.426	1208.926	321.7071	19.16074	0.339505	1.379004	489.1292	1425.27	0.301946	0.520556	244.9481	59.84611	0.800021	100	0.9
1811.579	1209.079	321.7115	19.16669	0.345151	1.290622	490.7069	1426.296	0.307448	0.533239	219.8518	54.28989	0.725534	100	0.6
1811.731	1209.231	321.7159	19.18923	0.325662	1.510622	491.8795	1410.406	0.288591	0.493954	300.088	75.02152	1.001455	100	1.7
1811.883	1209.383	321.7202	19.18944	0.327921	1.493455	490.9663	1393.264	0.290801	0.502145	285.7341	70.53332	0.941543	100	1.5
1812.036	1209.536	321.7246	19.21103	0.317756	1.6825	485.8403	1379.291	0.281002	0.481156	328.2214	85.78174	1.143851	100	2.3
1812.188	1209.688	321.729	19.23006	0.323214	1.595673	478.8263	1361.862	0.286299	0.49436	302.6902	75.89297	1.011025	100	1.8
1812.341	1209.841	321.7334	19.33981	0.316108	1.664208	473.4099	1344.028	0.279462	0.479034	333.2761	88.12675	1.167521	100	2.4
1812.493	1209.993	321.7378	19.32345	0.315975	1.610035	472.6848	1326.147	0.279358	0.480716	331.0983	87.09629	1.154834	100	2.3
1812.645	1210.145	321.7422	19.38422	0.310976	1.698279	476.121	1314.143	0.274561	0.477588	342.0334	92.62347	1.224384	100	2.6
1812.798	1210.298	321.7466	19.44212	0.316526	1.532335	481.5995	1316.83	0.279939	0.494416	311.3894	78.96321	1.040795	100	1.9
1812.95	1210.45	321.751	19.35585	0.328297	1.410575	485.6758	1334.601	0.291338	0.5171	264.3556	64.62425	0.855502	100	1.2
1813.103	1210.603	321.7554	19.3756	0.332299	1.490687	487.2922	1350.224	0.295237	0.51629	260.0933	63.53303	0.840231	100	1.1
1813.255	1210.755	321.7597	19.33043	0.33462	1.530103	486.585	1361.056	0.297509	0.511944	262.9557	64.26304	0.851829	100	1.2
1813.407	1210.907	321.7641	19.3493	0.333017	1.5285	485.9361	1367.145	0.295981	0.499226	282.615	69.61985	0.921968	100	1.4
1813.56	1211.06	321.7685	19.35147	0.336404	1.456012	485.6281	1384.718	0.299287	0.505979	268.7333	65.77238	0.870931	100	1.2
1813.712	1211.212	321.7729	19.38739	0.312079	1.878513	486.7145	1394.858	0.275799	0.458573	366.5671	109.6429	1.449244	100	3.4
1813.865	1211.365	321.7773	19.29338	0.299398	2.27759	488.5228	1404.896	0.263614	0.441351	407.1491	171.9438	2.283538	100	6.5
1814.017	1211.517	321.7817	19.1531	0.319457	1.958267	490.6486	1407.506	0.282967	0.491364	311.4229	78.97556	1.056351	100	2.1
1814.169	1211.669	321.7861	19.12351	0.332026	1.751256	491.5557	1406.329	0.295145	0.516673	259.6909	63.4313	0.849726	100	1.3
1814.322	1211.822	321.7905	19.09355	0.333278	1.756179	491.6184	1410.284	0.296383	0.517146	257.3294	62.8387	0.843086	100	1.2
1814.474	1211.974	321.7949	19.03509	0.350221	1.550553	490.5773	1408.188	0.312843	0.548047	191.9714	48.7788	0.656417	100	0.5
1814.627	1212.127	321.7993	19.02315	0.364961	1.410819	489.5905	1403.382	0.32721	0.574254	135.9804	39.39649	0.53049	100	0
1814.779	1212.279	321.8036	19.08007	0.343267	1.663841	488.794	1394.383	0.30614	0.52809	228.7629	56.19182	0.754451	100	0.9
1814.931	1212.431	321.808	19.09368	0.337191	1.730449	490.9944	1394.086	0.300273	0.520836	246.8704	60.29879	0.809039	100	1.1
1815.084	1212.584	321.8124	19.20931	0.320909	1.951982	493.5285	1390.269	0.284543	0.4921	308.2317	77.81893	1.037991	100	2
1815.236	1212.736	321.8168	19.21145	0.322345	1.847342	496.8142	1385.523	0.285956	0.505317	288.043	71.22255	0.949912	100	1.7
1815.389	1212.889	321.8212	19.24629	0.322309	1.872043	496.5553	1383.732	0.285945	0.510258	281.2397	69.22323	0.921628	100	1.6
1815.541	1213.041	321.8256	19.30498	0.332913	1.735655	496.6896	1383.103	0.296228	0.535799	231.8029	56.85783	0.754762	100	1
1815.693	1213.193	321.83	19.35258	0.341946	1.720133	497.4935	1388.08	0.305008	0.548042	202.7911	50.84301	0.673309	100	0.7
1815.846	1213.346	321.8344	19.38258	0.370603	1.452922	498.8318	1387.809	0.332907	0.596882	96.89035	33.94879	0.448907	86.1	0
1815.998	1213.498	321.8387	19.41054	0.351366	1.726482	497.8366	1386.781	0.314204	0.548926	188.8803	48.20538	0.636536	100	0.5
1816.151	1213.651	321.8431	19.45396	0.349691	1.772792	495.562	1381.49	0.312601	0.541396	201.4852	50.58905	0.666568	100	0.6
1816.303	1213.803	321.8475	19.41973	0.333824	1.97341	493.5792	1379.525	0.297234	0.515768	258.0574	63.02059	0.831801	100	1.3
1816.455	1213.955	321.8519	19.48328	0.326037	2.063467	492.6976	1370.926	0.289723	0.517275	266.3433	65.14202	0.857081	100	1.4
1816.608	1214.108	321.8563	19.50807	0.294032	2.600432	490.9154	1367.247	0.258903	0.474023	368.5617	111.4391	1.464419	100	4
1816.76	1214.26	321.8607	19.48707	0.275614	2.788155	487.5943	1365.875	0.241278	0.449556	426.6492	232.9919	3.064987	100	10.2
1816.913	1214.413	321.8651	19.44952	0.301603	2.220812	485.5499	1360.749	0.26623	0.498992	323.9927	83.93781	1.106281	100	2.5
1817.065	1214.565	321.8695	19.42632	0.324051	1.874942	484.1832	1347.717	0.287902	0.528351	253.5706	61.91039	0.816923	100	1.3
1817.217	1214.717	321.8738	19.38916	0.344288	1.642878	484.1486	1353.863	0.307528	0.553306	192.0495	48.79339	0.645049	100	0.5
1817.37	1214.87	321.8783	19.37488	0.324911	1.880763	484.8449	1374.768	0.288782	0.503705	286.3685	70.72156	0.935621	100	1.6
1817.522	1215.022	321.8826	19.35129	0.335415	1.644219	486.5886	1382.768	0.298974	0.522425	246.4699	60.20414	0.797434	100	1
1817.675	1215.175	321.887	19.24807	0.339137	1.558551	487.6045	1387.484	0.302606	0.526296	236.1162	57.8185	0.769845	100	0.9
1817.827	1215.327	321.8914	19.37995	0.346807	1.455431	487.8953	1387.723	0.310072	0.540674	205.9704	51.46699	0.680739	100	0.6
1817.979	1215.479	321.8958	19.36845	0.35874	1.385574	487.3575	1392.77	0.321697	0.565765	155.3029	42.4064	0.561228	100	0.1
1818.132	1215.632	321.9002	19.2489	0.367106	1.306465	487.264	1399.754	0.32987	0.58176	121.9509	37.34695	0.497265	92.3	0
1818.284	1215.784	321.9046	19.23592	0.361353	1.322432	487.0571	1406.501	0.324291	0.566014	151.3794	41.77695	0.556621	100	0.1
1818.437	1215.937	321.909	19.28629	0.346491	1.411657	486.7401	1417.29	0.309864	0.530549	220.2299	54.36912	0.722558	100	0.7
1818.589	1216.089	321.9134	19.37386	0.352195	1.343473	486.7637	1423.534	0.315431	0.544645	193.0959	48.98918	0.6482	100	0.4
1818.741	1216.241	321.9177	19.37602	0.347219	1.445521	487.5154	1428.243	0.31062	0.538931	207.6198	51.79393	0.685244	100	0.6
1818.894	1216.394	321.9221	19.37818	0.369843	1.260685	489.2117	1427.17	0.332662	0.58746	110.2326	35.71744	0.472503	86	0
1819.046	1216.546	321.9265	19.26606	0.343242	1.538281	491.2272	1426.967	0.306809	0.534103	219.5406	54.22479	0.72141	100	0.7
1819.199	1216.699	321.9309	19.28113	0.321082	1.782462	491.8497	1422.535	0.285379	0.489595	310.5353	78.65013	1.04558	100	2
1819.351	1216.851	321.9353	19.47535	0.309788	1.931636	491.1245	1411.28	0.274507	0.467756	355.6773	101.0849	1.330789	100	3.1
1819.503	1217.003	321.9397	19.63097	0.319862	1.828224	488.3987	1394.729	0.284251	0.488181	314.0437	79.95396	1.044492	100	2
1819.656	1217.156	321.9441	19.72354	0.334511	1.655245	485.1729	1379.588	0.298444	0.515434	256.8482	62.71885	0.815608	100	1.1
1819.808	1217.308	321.9485	19.81644	0.334353	1.631477	481.004	1360.765	0.298316	0.511055	263.0686	64.29207	0.832268	100	1.2
1819.961	1217.461	321.9529	19.91935	0.344719	1.456697	477.3357	1350.42	0.308391	0.535507	215.4201	53.37076	0.687432	100	0.6

1820.113	1217.613	321.9573	19.88996	0.333928	1.519137	472.8475	1344.243	0.297953	0.516394	256.2018	62.55832	0.806935	100	1
1820.265	1217.765	321.9616	19.96353	0.324566	1.523716	471.1548	1345.306	0.288919	0.501313	289.4798	71.65733	0.921006	100	1.5
1820.418	1217.918	321.966	19.9248	0.329505	1.336035	471.8138	1352.48	0.293721	0.510656	269.9608	66.09954	0.851184	100	1.1
1820.57	1218.07	321.9704	19.9705	0.335927	1.194036	475.7996	1362.125	0.299964	0.5199	248.5878	60.7068	0.780012	100	0.8
1820.723	1218.223	321.9748	20.01304	0.337648	1.068278	480.5103	1376.321	0.301656	0.517751	249.2179	60.85736	0.780343	100	0.8
1820.875	1218.375	321.9792	20.05229	0.330888	1.067043	485.4327	1393.159	0.295133	0.501905	280.0867	68.89351	0.881719	100	1.1
1821.027	1218.527	321.9836	19.95946	0.331838	1.081322	488.9612	1405.7	0.296078	0.506622	272.2752	66.72287	0.8578	100	1
1821.18	1218.68	321.988	20.063	0.334305	1.220532	491.6971	1407.3	0.298492	0.515988	256.0179	62.51274	0.799659	100	0.9
1821.332	1218.832	321.9924	20.06524	0.338654	1.324339	492.31	1409.157	0.30273	0.528069	233.4974	57.233	0.732049	100	0.7
1821.485	1218.985	321.9968	20.06747	0.331505	1.584959	490.6294	1407.45	0.29583	0.514319	261.9956	64.01692	0.818741	100	1.1
1821.637	1219.137	322.0011	20.02565	0.33007	1.74312	486.5773	1410.996	0.294465	0.513561	264.9237	64.77165	0.83008	100	1.2
1821.789	1219.289	322.0055	20.13064	0.32438	1.814602	482.6481	1406.231	0.288987	0.504859	284.4925	70.16733	0.89469	100	1.5
1821.942	1219.442	322.0099	20.29015	0.321604	1.758997	481.1281	1401.652	0.286329	0.503069	290.6309	72.00899	0.911188	100	1.6
1822.094	1219.594	322.0143	20.4628	0.313287	1.726862	482.892	1398.63	0.278325	0.487204	323.57	83.75887	1.051225	100	2.1
1822.247	1219.747	322.0187	20.62607	0.314447	1.55931	486.3118	1398.087	0.279468	0.489893	318.2817	81.59555	1.016247	100	1.9
1822.399	1219.899	322.0231	20.76114	0.318272	1.531868	489.1159	1414.75	0.283184	0.499903	299.3395	74.77447	0.925451	100	1.6
1822.551	1220.051	322.0275	20.89991	0.31123	1.699832	491.4189	1422.707	0.276416	0.484554	329.862	86.52506	1.064032	100	2.1
1822.704	1220.204	322.0319	21.01767	0.328111	1.548125	493.3283	1430.112	0.292742	0.516396	263.3897	64.37473	0.787372	100	1.1
1822.856	1220.356	322.0363	21.15604	0.325651	1.540253	494.4615	1441.095	0.290388	0.505076	282.259	69.51682	0.844916	100	1.3
1823.009	1220.509	322.0407	21.14773	0.329345	1.529012	495.3016	1475.06	0.293986	0.508887	272.035	66.65776	0.810482	100	1.1
1823.161	1220.661	322.045	21.14793	0.321858	1.700127	494.4713	1495.554	0.286771	0.493854	302.7372	75.90891	0.922967	100	1.6
1823.313	1220.813	322.0494	21.06091	0.317168	1.865638	492.187	1502.536	0.282267	0.489513	314.945	80.29673	0.980213	100	1.9
1823.466	1220.966	322.0538	21.19636	0.312556	2.000119	488.1792	1484.786	0.277842	0.487517	323.8044	83.85801	1.017397	100	2.1
1823.618	1221.118	322.0582	21.31856	0.29337	2.310002	484.1333	1465.419	0.259405	0.45106	399.558	154.5192	1.864362	100	5.3
1823.771	1221.271	322.0626	21.34463	0.309274	1.875356	481.4048	1433.796	0.274728	0.486668	329.2745	86.257	1.039528	100	2.1
1823.923	1221.423	322.067	21.19966	0.301391	1.855191	477.9024	1407.37	0.267163	0.469945	362.7899	106.4504	1.291342	100	3.1
1824.075	1221.575	322.0714	21.2652	0.30175	1.79544	473.8904	1381.779	0.267533	0.474667	355.7636	101.1455	1.223361	100	2.8
1824.228	1221.728	322.0758	21.33321	0.284739	1.969964	469.1371	1361.826	0.251225	0.443463	421.331	216.776	2.613906	100	8
1824.38	1221.88	322.0801	21.36763	0.291695	1.718735	468.1203	1341.314	0.25792	0.467281	379.2226	122.5904	1.475932	100	3.8
1824.533	1222.033	322.0846	21.34676	0.28882	1.611747	469.993	1331.009	0.255186	0.466581	383.961	128.5649	1.549333	100	4.1
1824.685	1222.185	322.0889	21.24952	0.29754	1.482253	473.5887	1328.64	0.263583	0.48685	344.4019	93.95061	1.137193	100	2.5
1824.837	1222.337	322.0933	21.14432	0.286138	1.664523	477.6753	1322.816	0.252664	0.462259	393.4071	142.9394	1.738466	100	4.8
1824.99	1222.49	322.0977	21.03958	0.286523	1.84721	480.639	1327.702	0.253058	0.462649	392.3245	141.0996	1.724336	100	4.8
1825.142	1222.642	322.1021	21.01751	0.273742	2.268851	482.3275	1334.898	0.240848	0.431148	452.6455	306.2294	3.746165	100	12.6
1825.295	1222.795	322.1065	20.93564	0.284501	2.196343	483.4591	1344.792	0.251169	0.446025	417.8716	204.3779	2.509647	100	7.7
1825.447	1222.947	322.1109	20.98875	0.295439	2.066161	484.1869	1341.837	0.261688	0.460052	383.9991	128.6159	1.575495	100	4.2
1825.599	1223.099	322.1153	20.9427	0.313582	1.74514	482.847	1338.399	0.279177	0.494188	312.756	79.46989	0.975549	100	1.8
1825.752	1223.252	322.1197	20.95763	0.318998	1.583086	479.4366	1336.405	0.284428	0.505938	289.2952	71.6012	0.878361	100	1.4
1825.904	1223.404	322.124	20.97646	0.314523	1.568714	473.677	1335.799	0.280134	0.495537	309.574	78.30096	0.959728	100	1.7
1826.057	1223.557	322.1284	20.93653	0.329133	1.366107	471.4828	1338.675	0.294274	0.524544	250.0303	61.05217	0.749695	100	0.9
1826.209	1223.709	322.1328	20.8075	0.340894	1.243349	471.9562	1342.193	0.305692	0.545477	205.3871	51.3519	0.634359	100	0.4
1826.361	1223.861	322.1372	20.81929	0.348073	1.130307	473.539	1341.312	0.312684	0.55955	176.3167	45.94577	0.567272	100	0.1
1826.514	1224.014	322.1416	20.80982	0.337609	1.165968	475.3994	1338.249	0.302557	0.539339	218.1842	53.94201	0.666297	100	0.5
1826.666	1224.166	322.146	20.91852	0.322363	1.255371	476.9957	1325.831	0.287827	0.510279	278.6139	68.47594	0.841589	100	1.2
1826.819	1224.319	322.1504	20.89905	0.326156	1.214005	480.5844	1325.419	0.291518	0.518747	261.8353	63.97594	0.786998	100	0.9
1826.971	1224.471	322.1548	20.91249	0.306447	1.443797	483.4377	1320.656	0.272523	0.479027	342.8613	93.08144	1.14434	100	2.4
1827.123	1224.623	322.1591	20.89964	0.330039	1.154199	485.0616	1312.272	0.295323	0.528581	243.0115	59.39429	0.730632	100	0.7
1827.276	1224.776	322.1635	20.89239	0.32032	1.184586	485.076	1313.594	0.285951	0.509024	282.9352	69.71271	0.857859	100	1.2
1827.428	1224.928	322.1679	20.8796	0.308837	1.236851	484.9861	1307.349	0.274898	0.48182	335.7283	89.32632	1.099878	100	2.1
1827.581	1225.081	322.1723	20.8726	0.314897	1.217972	485.0589	1309.623	0.280766	0.490616	315.4933	80.50688	0.991615	100	1.7
1827.733	1225.233	322.1767	20.77465	0.330654	1.104337	485.187	1309.133	0.296017	0.521206	252.2324	61.58419	0.762001	100	0.8
1827.885	1225.385	322.1811	20.73067	0.334746	1.100261	485.3704	1316.228	0.300004	0.530061	234.51	57.45858	0.712418	100	0.6
1828.038	1225.538	322.1855	20.68496	0.329168	1.19615	485.1177	1322.929	0.294628	0.523556	250.9059	61.26302	0.761218	100	0.8
1828.19	1225.69	322.1899	20.66509	0.315691	1.373283	486.0297	1330.138	0.28163	0.499233	302.4099	75.79814	0.942707	100	1.6
1828.343	1225.843	322.1943	20.7957	0.324202	1.316522	487.0785	1338.062	0.289875	0.517786	265.4289	64.90312	0.802316	100	1
1828.495	1225.995	322.1987	20.77224	0.321989	1.38315	491.4235	1348.806	0.287761	0.513627	274.0848	67.21633	0.831826	100	1.2
1828.647	1226.147	322.203	20.84688	0.308873	1.550527	492.2028	1347.614	0.27513	0.490306	323.6991	83.81345	1.033647	100	2
1828.8	1226.3	322.2074	20.82032	0.261543	2.421284	490.3556	1352.294	0.229797	0.394862	517.9702	454.4285	5.611297	100	20.5
1828.952	1226.452	322.2118	20.76639	0.250819	2.628342	486.1902	1353.524	0.219618	0.374817	559.6803	529.1544	6.550465	100	25.2
1829.105	1226.605	322.2162	20.7909	0.271842	2.200524	482.3746	1357.936	0.239673	0.419345	470.5553	351.4641	4.345909	100	14.9
1829.257	1226.757	322.2206	20.85185	0.280552	2.060651	481.235	1363.171	0.248027	0.4273	448.049	293.966	3.624717	100	11.8
1829.409	1226.909	322.225	20.85477	0.305993	1.668317	481.7554	1361.691	0.272479	0.474736	348.8439	96.58858	1.190827	100	2.6
1829.562	1227.062	322.2294	20.9	0.310014	1.568177	482.4977	1363.773	0.276377	0.478427	338.3698	90.6684	1.115515	100	2.3
1829.714	1227.214	322.2338	20.84491	0.332355	1.364307	483.3015	1368.879	0.297984	0.525531	243.5497	59.51944	0.734157	100	0.8
1829.867	1227.367	322.2382	20.98053	0.320492	1.464041	484.3235	1375.479	0.286536	0.502442	291.2101	72.18709	0.884865	100	1.4
1830.019	1227.519	322.2425	21.04736	0.332983	1.354157	485.5633	1381.245	0.298641	0.532656	232.8104	57.08056	0.697555	100	0.7
1830.171	1227.671	322.2469	21.12804	0.32123	1.496454	485.8538	1382.989	0.287298	0.50905	281.0403	69.16602	0.842144	100	1.3
1830.324	1227.824	322.2513	21.23923	0.316224	1.556605	485.2513	1378.525	0.282489	0.49823	302.6078	75.86507	0.919062	100	1.6
1830.476	1227.976	322.2557	21.23098	0.300857	1.823032	484.1509	1374.601	0.267708	0.464228	369.9285	112.7173	1.36603	100	3.3
1830.629	1228.129	322.2601	21.21013	0.302163	1.818722	482.9427	1372.957	0.268989	0.466524	364.9921	108.2798	1.313507	100	3.1
1830.781	1228.281	322.2645	21.23892	0.311036	1.676948	482.121	1364.873	0.277559	0.484017	329.0255	86.14404	1.043632	100	2.1
1830.933	1228.433	322.2689	21.24126	0.323196	1.528633	480.9753	1356.095	0.289321	0.509698	277.3539	68.12189	0.825216	100	1.2
1831.086	1228.586	322.2733	21.07249	0.338551	1.336572	481.1617	1338.679	0.304208	0.541662	212.6994	52.81494	0.644732	100	0.5
1831.238	1228.738	322.2777	20.97075	0.351168	1.163296	481.1854	1324.492	0.316479	0.567487	160.1283	43.19376	0.529754	100	0
1831.391	1228.891	322.2821	20.97306	0.354788	1.082176	482.3209	1317.139	0.320022	0.572442	148.3995	41.30523	0.506544	93.4	0
1831.543	1229.043	322.2864	21.04533	0.326835	1.277967	483.3488	1322.603	0.292937	0.514954	265.1114	64.82045	0.792297	100	1
1831.695	1229.195	322.2908	21.09851	0.323317	1.347392	484.9881	1329.446	0.28956	0.508734	278.3537	68.40261	0.834059	100	1.2
1831.848	1229.348	322.2952	21.00616	0.31641	1.429186	486.8946	1338.059	0.282915	0.496444	304.4855	76.50614	0.936831	100	1.6
1832	1229.5	322.2996	20.90162	0.3232	1.362112	487.9073	1338.679	0.289497	0.511405	274.7554	67.40057	0.829322	100	1.2
1832.153	1229.653	322.304	20.92572	0.328729	1.332616	487.5827	1336.747	0.294868	0.522057	252.6441	61.6843	0.758151	100	0.9

1832.305	1229.805	322.3084	20.93327	0.331691	1.317022	486.2559	1333.176	0.297758	0.528948	239.1459	58.50466	0.718828	100	0.7
1832.457	1229.957	322.3128	20.81441	0.343432	1.226784	484.3784	1325.935	0.309163	0.554492	188.1571	48.07223	0.593909	100	0.3
1832.61	1230.11	322.3172	20.68575	0.344231	1.200614	482.9523	1327.648	0.309963	0.555878	185.1396	47.52081	0.59063	100	0.2
1832.762	1230.262	322.3215	20.53715	0.352734	1.148383	482.4725	1331.019	0.318246	0.57017	153.9863	42.19412	0.528099	99.4	0
1832.915	1230.415	322.326	20.38854	0.332167	1.371135	482.7108	1344.232	0.298318	0.525052	243.7495	59.56599	0.75079	100	0.8
1833.067	1230.567	322.3303	20.35111	0.318283	1.52011	482.67	1344.967	0.284919	0.500063	296.7247	73.92359	0.933427	100	1.6
1833.219	1230.719	322.3347	20.27096	0.30861	1.662515	482.2364	1349.1	0.275614	0.484425	331.1452	87.11816	1.104259	100	2.3
1833.372	1230.872	322.3391	20.22755	0.294879	1.829486	481.4242	1348.678	0.262429	0.458827	384.6666	129.5183	1.64513	100	4.3
1833.524	1231.024	322.3435	20.15143	0.303339	1.599499	481.4447	1356.79	0.270588	0.477582	347.5264	95.78471	1.221117	100	2.7
1833.677	1231.177	322.3479	20.06496	0.29732	1.605731	481.8983	1365.996	0.264823	0.465641	371.9587	114.6917	1.468282	100	3.6
1833.829	1231.329	322.3523	19.97787	0.303365	1.589892	481.3446	1378.476	0.270661	0.479686	344.5205	94.01842	1.208728	100	2.6
1833.981	1231.481	322.3567	19.86092	0.30397	1.684375	479.123	1378.193	0.271269	0.478605	345.1737	94.39458	1.220517	100	2.7
1834.134	1231.634	322.3611	19.78864	0.320883	1.487268	476.4734	1377.744	0.287601	0.514054	273.7162	67.11537	0.870888	100	1.3
1834.286	1231.786	322.3654	19.77599	0.305271	1.610001	475.331	1380.275	0.27257	0.482801	337.5884	90.26578	1.172028	100	2.5
1834.439	1231.939	322.3698	19.73053	0.307984	1.510506	475.6434	1372.181	0.275207	0.491941	321.3358	82.8283	1.077879	100	2.1
1834.591	1232.091	322.3742	19.69799	0.30008	1.578292	477.8108	1360.06	0.267624	0.47638	353.2749	99.43782	1.296119	100	3
1834.743	1232.243	322.3786	19.61379	0.320333	1.364341	476.7195	1343.987	0.287169	0.516719	270.635	66.28022	0.867545	100	1.3
1834.896	1232.396	322.383	19.48504	0.314567	1.490332	476.6265	1342.135	0.281627	0.502384	298.0651	74.35744	0.979539	100	1.7
1835.048	1232.548	322.3874	19.59121	0.314607	1.491623	476.4843	1339.696	0.28169	0.505951	293.0547	72.7596	0.953443	100	1.6
1835.201	1232.701	322.3918	19.49342	0.309684	1.540881	477.3978	1340.264	0.276968	0.504962	300.9377	75.30389	0.991613	100	1.8
1835.353	1232.853	322.3962	19.38086	0.327713	1.283867	478.8104	1339.955	0.2944	0.544155	222.7947	54.9099	0.727161	100	0.7
1835.505	1233.005	322.4005	19.26075	0.318319	1.334364	479.9522	1342.93	0.285346	0.520802	267.5153	65.45006	0.872022	100	1.3
1835.658	1233.158	322.405	19.11713	0.309695	1.444831	481.9722	1345.778	0.277052	0.496494	312.5069	79.377	1.065342	100	2
1835.81	1233.31	322.4093	19.1357	0.307488	1.50759	482.8805	1348.945	0.274951	0.489099	325.6121	84.63218	1.13481	100	2.3
1835.963	1233.463	322.4137	19.16236	0.311141	1.53314	483.3954	1357.047	0.278495	0.494185	313.7023	79.82497	1.068909	100	2.1
1836.115	1233.615	322.4181	19.14372	0.312948	1.538618	483.413	1364.911	0.280262	0.493792	311.806	79.11692	1.060447	100	2
1836.267	1233.767	322.4225	19.14808	0.31526	1.546925	483.5442	1370.613	0.282516	0.497046	304.2047	76.40956	1.023942	100	1.9
1836.42	1233.92	322.4269	19.25314	0.32191	1.44286	483.6752	1361.583	0.288962	0.512501	273.9813	67.18796	0.895581	100	1.4
1836.572	1234.072	322.4313	19.24528	0.340959	1.208744	484.0244	1365.468	0.307426	0.551986	194.0116	49.16118	0.655562	100	0.4
1836.725	1234.225	322.4357	19.2474	0.324033	1.299053	484.0421	1364.567	0.291062	0.518072	263.3955	64.37622	0.858371	100	1.2
1836.877	1234.377	322.4401	19.271	0.311448	1.469887	484.2806	1366.995	0.278938	0.489802	319.1387	81.93706	1.091228	100	2.1
1837.029	1234.529	322.4444	19.30943	0.299946	1.653293	484.1814	1354.081	0.267888	0.461555	373.3691	116.1194	1.54348	100	3.8
1837.182	1234.682	322.4488	19.32491	0.297252	1.771681	483.4776	1349.031	0.265322	0.450949	391.5455	139.8091	1.856936	100	5
1837.334	1234.834	322.4532	19.23381	0.298458	1.727867	483.1014	1343.522	0.266506	0.453321	386.6383	132.2779	1.765042	100	4.6
1837.487	1234.987	322.4576	19.23592	0.295194	1.773693	482.5783	1348.6	0.263394	0.44873	397.2687	149.9729	2.000962	100	5.5
1837.639	1235.139	322.462	19.31015	0.308759	1.543799	484.0393	1348.884	0.276468	0.482303	332.8952	87.94423	1.168979	100	2.4
1837.791	1235.291	322.4664	19.31088	0.31056	1.537704	484.6158	1352.517	0.278229	0.487247	323.6427	83.78959	1.113725	100	2.2
1837.944	1235.444	322.4708	19.29365	0.339298	1.223464	485.4719	1355.766	0.306036	0.546536	203.4509	50.97184	0.678112	100	0.5
1838.096	1235.596	322.4752	19.32138	0.333938	1.273827	486.2733	1362.735	0.300867	0.534062	227.7987	55.98244	0.743737	100	0.8
1838.249	1235.749	322.4796	19.37591	0.337299	1.241217	487.2912	1365.973	0.304147	0.536953	219.2816	54.17066	0.7177	100	0.6
1838.401	1235.901	322.4839	19.45344	0.339355	1.220055	487.6404	1370.174	0.306165	0.540185	212.0376	52.68069	0.695256	100	0.6
1838.553	1236.053	322.4883	19.50426	0.339034	1.213521	487.532	1375.211	0.305878	0.541127	211.1328	52.49776	0.691091	100	0.5
1838.706	1236.206	322.4927	19.4756	0.33256	1.307316	485.7636	1370.997	0.29963	0.533394	230.4274	56.55538	0.745581	100	0.8
1838.858	1236.358	322.4971	19.52117	0.311597	1.566826	484.2774	1367.675	0.2794	0.49086	317.0418	81.10728	1.066834	100	2.1
1839.011	1236.511	322.5015	19.55998	0.315766	1.534044	483.008	1361.033	0.283445	0.499962	298.8982	74.62955	0.979744	100	1.7
1839.163	1236.663	322.5059	19.54826	0.322152	1.389343	481.8622	1355.114	0.289636	0.511278	274.7396	67.39624	0.885311	100	1.3
1839.315	1236.815	322.5103	19.64253	0.318411	1.373492	481.6639	1347.649	0.286047	0.502924	291.2203	72.19023	0.943864	100	1.5
1839.468	1236.968	322.5147	19.59527	0.317209	1.364213	482.1891	1349.944	0.284912	0.499361	297.7041	74.24012	0.972955	100	1.6
1839.62	1237.12	322.5191	19.6111	0.315608	1.392678	483.431	1349.36	0.283391	0.495751	304.7846	76.60925	1.003225	100	1.8
1839.773	1237.273	322.5235	19.58255	0.324846	1.342526	484.2809	1353.076	0.292338	0.516287	264.0985	64.5577	0.846615	100	1.2
1839.925	1237.425	322.5278	19.61315	0.300667	1.679617	484.633	1354.018	0.269046	0.471998	357.3604	102.2856	1.339359	100	3.1
1840.077	1237.577	322.5322	19.64256	0.308724	1.611583	484.6508	1353.508	0.276827	0.496596	312.6771	79.44043	1.038713	100	2
1840.23	1237.73	322.5366	19.67534	0.301336	1.671623	485.0028	1353.732	0.269738	0.483714	340.2354	91.64976	1.196424	100	2.7
1840.382	1237.882	322.541	19.62691	0.31262	1.51368	485.2384	1355.06	0.280631	0.50247	299.3213	74.76848	0.978405	100	1.8
1840.535	1238.035	322.5454	19.66731	0.318787	1.422629	484.9211	1363.362	0.286606	0.510439	280.0791	68.89135	0.899706	100	1.4
1840.687	1238.187	322.5498	19.70698	0.310382	1.519726	484.2655	1371.351	0.278522	0.492739	315.6593	80.57076	1.050187	100	2
1840.839	1238.339	322.5542	19.7348	0.313101	1.462693	483.6107	1366.801	0.281168	0.498538	304.0052	76.34109	0.993702	100	1.8
1840.992	1238.492	322.5586	19.79226	0.298639	1.635506	482.4518	1359.315	0.267267	0.466402	367.5377	110.507	1.434381	100	3.5
1841.144	1238.644	322.5629	19.7347	0.32587	1.326603	481.0177	1351.084	0.293548	0.517992	260.0752	63.52845	0.826947	100	1.1
1841.297	1238.797	322.5674	19.76058	0.312346	1.492866	479.3723	1359.27	0.280513	0.485708	322.6156	83.35826	1.0837	100	2.1
1841.449	1238.949	322.5717	19.74537	0.303294	1.583076	479.348	1360.926	0.271818	0.466164	361.5851	105.4854	1.372406	100	3.2
1841.601	1239.101	322.5761	19.71146	0.296335	1.655908	480.8816	1365.315	0.265151	0.452957	389.0104	135.7944	1.769715	100	4.7
1841.754	1239.254	322.5805	19.67262	0.290891	1.73801	483.3499	1366.483	0.259947	0.443539	409.1899	177.3331	2.315524	100	6.7
1841.906	1239.406	322.5849	19.7725	0.30343	1.535081	485.2565	1357.786	0.272022	0.473402	351.3143	98.14835	1.275286	100	2.8
1842.059	1239.559	322.5893	19.78247	0.321452	1.303244	486.2755	1352.786	0.289425	0.514258	270.9186	66.35644	0.861786	100	1.2
1842.211	1239.711	322.5937	19.87683	0.324828	1.256196	486.6827	1338.854	0.292711	0.517981	261.246	63.82565	0.825102	100	1.1
1842.363	1239.863	322.5981	19.94657	0.325027	1.29293	486.8015	1326.089	0.292928	0.514038	266.3875	65.15359	0.839416	100	1.1
1842.516	1240.016	322.6025	19.88557	0.317676	1.411242	485.8115	1313.69	0.285851	0.496135	300.8592	75.27771	0.972753	100	1.7
1842.668	1240.168	322.6068	19.93218	0.312897	1.439041	484.4337	1311.49	0.281264	0.488711	317.4341	81.26104	1.047696	100	2
1842.821	1240.321	322.6112	19.88281	0.312493	1.431372	483.1775	1319.642	0.280899	0.490893	314.9275	80.29003	1.037685	100	1.9
1842.973	1240.473	322.6156	19.85265	0.313687	1.416811	483.3698	1328.378	0.282075	0.494138	308.8265	78.03174	1.009998	100	1.8
1843.125	1240.625	322.62	19.88431	0.316505	1.419904	484.5137	1336.006	0.284818	0.496527	301.744	75.5738	0.976681	100	1.7
1843.278	1240.778	322.6244	19.93939	0.316945	1.37683	486.8755	1336.569	0.285267	0.492824	306.2346	77.11328	0.993912	100	1.7
1843.43	1240.93	322.6288	19.94393	0.315917	1.402553	488.7794	1342.478	0.284299	0.493426	306.7389	77.29022	0.995983	100	1.7
1843.583	1241.083	322.6332	19.91921	0.316326	1.430937	489.2878	1348.953	0.284719	0.498345	299.3713	74.78492	0.964872	100	1.7
1843.735	1241.235	322.6376	19.88797	0.306607	1.632754	488.6356	1354.865	0.275374	0.479586	338.1551	90.55727	1.170162	100	2.5
1843.887	1241.387	322.6419	19.88863	0.304617	1.663426	487.7101	1360.811	0.273482	0.474412	347.9064	96.01468	1.240655	100	2.8
1844.04	1241.54	322.6464	19.83559	0.311225	1.609529	487.6725	1366.538	0.279872	0.491182	315.9448	80.6809	1.04524	100	2
1844.192	1241.692	322.6507	19.72562	0.307678	1.592683	487.8158	1365.76	0.276478	0.484841	329.3792	86.30463	1.124171	100	2.3
1844.345	1241.845	322.6551	19.62459	0.290431	1.856886	489.6147	1359.543	0.259921	0.444832	407.4416	172.696	2.260766	100	6.5

1844.497	1241.997	322.6595	19.59629	0.304848	1.581213	490.6856	1352.114	0.273801	0.473772	348.3483	96.28401	1.262241	100	2.8
1844.649	1242.149	322.6639	19.53065	0.317462	1.480058	490.8014	1344.569	0.285986	0.499425	296.1324	73.73341	0.969787	100	1.7
1844.802	1242.302	322.6683	19.55871	0.320035	1.457934	489.4734	1343.405	0.288495	0.503577	286.9406	70.89206	0.931123	100	1.5
1844.954	1242.454	322.6727	19.52156	0.337731	1.297072	487.2581	1340.939	0.305641	0.541392	211.094	52.48994	0.690708	100	0.6
1845.107	1242.607	322.6771	19.60991	0.33592	1.291909	485.5015	1337.673	0.30391	0.543116	211.1041	52.49197	0.687711	100	0.6
1845.259	1242.759	322.6815	19.58369	0.333228	1.277543	484.7957	1328.704	0.301327	0.544687	212.5016	52.77479	0.692326	100	0.6
1845.411	1242.911	322.6858	19.66495	0.319599	1.358037	484.9305	1326.347	0.288171	0.518668	266.562	65.19935	0.851885	100	1.2
1845.564	1243.064	322.6902	19.61217	0.324631	1.276967	485.5033	1317.456	0.293057	0.526266	249.3345	60.88527	0.797611	100	1
1845.716	1243.216	322.6946	19.63123	0.318995	1.311434	485.8495	1318.606	0.287637	0.508992	280.6527	69.05503	0.903791	100	1.4
1845.869	1243.369	322.699	19.64187	0.310583	1.420816	485.1911	1309.106	0.279546	0.489374	318.89	81.83762	1.070536	100	2
1846.021	1243.521	322.7034	19.65309	0.296013	1.583193	484.0309	1310.185	0.265549	0.456662	383.3498	127.753	1.670254	100	4.3
1846.173	1243.673	322.7078	19.6539	0.298428	1.484303	482.5539	1305.818	0.267894	0.463869	370.1668	112.9443	1.476602	100	3.6
1846.326	1243.826	322.7122	19.74973	0.301195	1.484747	482.3531	1307.769	0.270579	0.473731	352.8521	99.15569	1.290226	100	2.9
1846.478	1243.978	322.7166	19.88789	0.30362	1.495362	482.9358	1303.106	0.272937	0.481356	339.0754	91.03619	1.176584	100	2.5
1846.631	1244.131	322.721	19.84148	0.310811	1.481377	484.3477	1292.026	0.279887	0.498204	306.2339	77.11303	0.998913	100	1.8
1846.783	1244.283	322.7254	19.92218	0.318899	1.345335	485.3081	1291.53	0.287715	0.512403	275.8374	67.69951	0.873527	100	1.3
1846.935	1244.435	322.7297	19.99727	0.322554	1.315594	485.7617	1294.384	0.29127	0.517549	263.8298	64.48825	0.829066	100	1.1
1847.088	1244.588	322.7341	20.03506	0.317907	1.340274	484.9964	1301.559	0.286805	0.503571	289.2807	71.5968	0.918777	100	1.5
1847.24	1244.74	322.7385	20.09015	0.304028	1.472841	483.7204	1294.052	0.273452	0.473018	349.8717	97.22901	1.244398	100	2.7
1847.393	1244.893	322.7429	20.00137	0.301408	1.491963	481.6133	1288.98	0.270955	0.46422	365.4585	108.6786	1.396947	100	3.3
1847.545	1245.045	322.7473	19.8282	0.299023	1.507283	479.1847	1280.597	0.268686	0.46105	372.9642	115.7047	1.499898	100	3.6
1847.697	1245.197	322.7517	19.74512	0.298611	1.58159	478.3208	1277.077	0.268313	0.461518	372.8332	115.5714	1.504317	100	3.7
1847.85	1245.35	322.7561	19.79632	0.296377	1.590178	478.6852	1283.873	0.266191	0.461685	375.5318	118.4038	1.537324	100	3.9
1848.002	1245.502	322.7605	19.91687	0.30986	1.417102	480.4884	1294.251	0.27919	0.490836	317.3648	81.23384	1.048523	100	2
1848.155	1245.655	322.7649	19.91318	0.328697	1.228283	482.1785	1301.752	0.297404	0.527798	241.2212	58.98028	0.761431	100	0.8
1848.307	1245.807	322.7692	19.90144	0.32848	1.211425	483.5321	1304.204	0.297219	0.52671	242.978	59.38651	0.767123	100	0.8
1848.459	1245.959	322.7736	19.90361	0.326454	1.171603	484.3818	1305.721	0.295283	0.521002	253.5268	61.89969	0.799511	100	0.9
1848.612	1246.112	322.778	19.86036	0.31364	1.289153	484.5068	1312.342	0.282932	0.493294	308.8083	78.0252	1.009937	100	1.8
1848.764	1246.264	322.7824	19.89184	0.297637	1.538952	484.0696	1324.042	0.267548	0.460267	375.6157	118.4949	1.531422	100	3.8
1848.917	1246.417	322.7868	19.90573	0.285702	1.825336	482.9137	1322.301	0.256116	0.440162	419.1357	208.9533	2.698699	100	8.2
1849.069	1246.569	322.7912	19.99856	0.284205	1.852909	481.7036	1316.613	0.254706	0.445875	413.1986	188.9342	2.429165	100	7.3
1849.221	1246.721	322.7956	19.90647	0.299722	1.61266	480.1997	1303.616	0.269626	0.480286	345.1217	94.36447	1.21873	100	2.7
1849.374	1246.874	322.8	19.91061	0.311771	1.461228	477.4679	1290.245	0.281251	0.499001	303.2528	76.08405	0.982448	100	1.8
1849.526	1247.026	322.8043	19.98294	0.336471	1.220911	473.3423	1277.855	0.305151	0.542815	209.8068	52.23089	0.672075	100	0.5
1849.679	1247.179	322.8088	20.05229	0.302955	1.484026	468.0153	1263.241	0.272808	0.473185	350.5301	97.64556	1.252235	100	2.8
1849.831	1247.331	322.8131	20.10133	0.282092	1.731809	464.1965	1242.746	0.252804	0.437301	427.6545	236.0075	3.019492	100	9.4
1849.983	1247.483	322.8175	20.046	0.276557	1.772981	462.4454	1232.714	0.247531	0.437738	434.3288	255.6384	3.279451	100	10.6
1850.136	1247.636	322.8219	19.98623	0.276327	1.793014	463.0856	1226.492	0.247336	0.444382	425.4303	229.3144	2.950331	100	9.4
1850.288	1247.788	322.8263	19.93131	0.289428	1.549878	464.7771	1222.454	0.259909	0.472907	368.7152	111.5806	1.439442	100	3.6
1850.441	1247.941	322.8307	19.82948	0.321403	1.20671	466.4224	1228.205	0.290717	0.535248	240.169	58.73856	0.761546	100	0.9
1850.593	1248.093	322.8351	19.77524	0.336136	1.114417	469.1242	1235.067	0.304996	0.558173	188.8271	48.19556	0.62653	100	0.3
1850.745	1248.245	322.8395	19.61398	0.326521	1.220587	471.8232	1247.276	0.295713	0.534322	234.5524	57.46804	0.753055	100	0.8
1850.898	1248.398	322.8439	19.6329	0.307523	1.398263	474.8904	1252.935	0.2774	0.492456	317.5983	81.3256	1.064694	100	2
1851.05	1248.55	322.8482	19.71831	0.309831	1.360304	475.2854	1253.925	0.279649	0.499553	304.7023	76.58086	0.99836	100	1.8
1851.203	1248.703	322.8526	19.8057	0.29587	1.523254	474.1237	1260.454	0.266239	0.474171	358.2336	102.9246	1.336049	100	3.2
1851.355	1248.855	322.857	19.77296	0.291622	1.695159	472.3618	1269.137	0.262184	0.465385	375.9546	118.8645	1.545464	100	4
1851.507	1249.007	322.8614	19.77434	0.292338	1.742707	471.3265	1280.427	0.262896	0.463397	377.7157	120.835	1.570994	100	4.1
1851.66	1249.16	322.8658	19.67542	0.286405	1.807638	471.3532	1280.589	0.257228	0.447152	407.9545	174.0315	2.273705	100	6.7
1851.812	1249.312	322.8702	19.6674	0.302404	1.545485	472.6638	1282.849	0.272618	0.478435	343.5462	93.46508	1.221611	100	2.7
1851.965	1249.465	322.8746	19.76232	0.31205	1.403706	474.8087	1284.562	0.281934	0.496864	305.2593	76.77352	0.998768	100	1.8
1852.117	1249.617	322.879	19.77723	0.313479	1.338191	477.3794	1291.452	0.283335	0.497498	302.4498	75.81162	0.985541	100	1.7
1852.269	1249.769	322.8833	19.74101	0.313833	1.346396	478.6163	1299.902	0.283701	0.496039	303.9588	76.3252	0.994	100	1.7
1852.422	1249.922	322.8878	19.74316	0.30514	1.470316	478.4005	1304.639	0.275349	0.477804	340.6487	91.8711	1.196344	100	2.5
1852.574	1250.074	322.8921	19.5857	0.317034	1.405732	476.9527	1307.887	0.286838	0.504376	288.1237	71.24685	0.935047	100	1.5
1852.727	1250.227	322.8965	19.60057	0.30962	1.518486	474.0798	1309.536	0.279712	0.492824	313.8999	79.89957	1.047842	100	2
1852.879	1250.379	322.9009	19.62185	0.311929	1.498616	472.8808	1311.261	0.281962	0.500029	300.8517	75.27522	0.986164	100	1.8
1853.031	1250.531	322.9053	19.60275	0.305403	1.639202	473.1346	1310.79	0.275699	0.488132	325.9135	84.76298	1.111527	100	2.3
1853.184	1250.684	322.9097	19.56087	0.309402	1.545502	474.9428	1311.126	0.279575	0.495433	310.4891	78.63327	1.033308	100	2
1853.336	1250.836	322.9141	19.4974	0.309988	1.556216	477.1815	1306.985	0.280164	0.494827	310.5128	78.64193	1.036711	100	2
1853.489	1250.989	322.9185	19.64729	0.286583	1.897364	477.8618	1304.184	0.257691	0.443944	411.7445	184.5624	2.414967	100	7.2
1853.641	1251.141	322.9229	19.74207	0.285452	1.949574	477.8177	1303.611	0.256631	0.442184	415.6361	196.7126	2.561947	100	7.8
1853.793	1251.293	322.9272	19.75212	0.285465	1.958724	476.8831	1305.018	0.256667	0.441384	416.6891	200.2571	2.606847	100	7.9
1853.946	1251.446	322.9316	19.76636	0.289843	1.796321	475.7846	1310.083	0.26089	0.449592	399.5351	154.4722	2.009455	100	5.7
1854.098	1251.598	322.936	19.69783	0.296404	1.69475	474.8078	1320.897	0.267214	0.460526	375.7191	118.6073	1.548146	100	3.9
1854.251	1251.751	322.9404	19.64695	0.307291	1.574112	475.1753	1329.412	0.277712	0.480966	333.0252	88.00641	1.151631	100	2.4
1854.403	1251.903	322.9448	19.64066	0.313622	1.48241	477.4946	1334.473	0.283838	0.488744	313.8373	79.8759	1.045574	100	2
1854.555	1252.055	322.9492	19.81535	0.326157	1.31873	481.5313	1342.542	0.295968	0.5142	261.9684	64.00997	0.830708	100	1.1
1854.708	1252.208	322.9536	19.98701	0.326987	1.345448	484.7184	1345.92	0.296795	0.514545	260.3508	63.59824	0.81848	100	1.1
1854.86	1252.36	322.958	20.07217	0.314402	1.557905	486.683	1355.338	0.284663	0.488263	313.3624	79.69702	1.021448	100	1.9
1855.013	1252.513	322.9624	20.03506	0.305633	1.703657	487.5758	1366.083	0.276236	0.468841	351.7942	98.45958	1.264204	100	2.8
1855.165	1252.665	322.9668	20.02132	0.309626	1.689265	486.4168	1376.093	0.280106	0.480272	330.6785	86.90124	1.116553	100	2.3
1855.317	1252.817	322.9711	20.06778	0.300443	1.862454	484.697	1382.254	0.27129	0.463815	365.5544	108.7611	1.394292	100	3.4
1855.47	1252.97	322.9755	20.12526	0.306526	1.92031	482.3268	1383.952	0.277168	0.478357	337.3745	90.1564	1.152591	100	2.5
1855.622	1253.122	322.9799	20.1913	0.316118	1.730895	481.4565	1376.496	0.286439	0.493208	304.0869	76.36911	0.97324	100	1.8
1855.775	1253.275	322.9843	20.23259	0.325569	1.518466	481.1882	1356.651	0.295593	0.503285	277.5482	68.17631	0.86712	100	1.3
1855.927	1253.427	322.9887	20.36093	0.312081	1.551849	480.346	1336.309	0.282594	0.471631	339.1689	91.08527	1.151424	100	2.3
1856.079	1253.579	322.9931	20.48347	0.321928	1.409147	477.1104	1320.713	0.292123	0.498052	289.5585	71.68126	0.900891	100	1.4
1856.232	1253.732	322.9975	20.55958	0.325981	1.365477	471.765	1309.622	0.296064	0.511605	265.4169	64.89999	0.812748	100	1.1
1856.384	1253.884	323.0019	20.43213	0.335878	1.304364	466.0772	1313.14	0.305669	0.535443	219.2656	54.16732	0.682447	100	0.6
1856.537	1254.037	323.0063	20.34244	0.307262	1.596717	465.5157	1313.545	0.278047	0.481963	331.1861	87.13721	1.102534	100	2.3

1856.689	1254.189	323.0106	20.39525	0.298584	1.644451	469.8545	1314.993	0.269721	0.470369	358.6754	103.2522	1.303168	100	3.1
1856.841	1254.341	323.015	20.47636	0.300988	1.488405	477.3479	1315.573	0.272057	0.472939	351.9046	98.53158	1.238828	100	2.8
1856.994	1254.494	323.0194	20.52461	0.322159	1.321229	483.0873	1327.696	0.292492	0.50945	273.3211	67.00741	0.840568	100	1.2
1857.146	1254.646	323.0238	20.47559	0.323754	1.433101	485.8845	1336.871	0.294057	0.507532	273.807	67.14022	0.844196	100	1.2
1857.299	1254.799	323.0282	20.36038	0.328788	1.476566	486.7311	1340.445	0.298949	0.519363	250.729	61.22034	0.773991	100	1
1857.451	1254.951	323.0326	20.20696	0.33202	1.481239	486.7516	1347.309	0.302102	0.528617	233.6078	57.25754	0.729229	100	0.8
1857.603	1255.103	323.037	20.14596	0.322172	1.639498	487.0977	1350.235	0.292601	0.507933	275.2638	67.54077	0.862733	100	1.4
1857.756	1255.256	323.0414	20.07524	0.320434	1.674306	486.8938	1356.645	0.290946	0.5062	279.9378	68.85111	0.882488	100	1.5
1857.908	1255.408	323.0458	20.10787	0.321736	1.719605	486.9764	1364.056	0.292228	0.508948	274.3775	67.29666	0.861214	100	1.4
1858.061	1255.561	323.0502	20.18043	0.325617	1.661106	487.7765	1373.974	0.296003	0.51552	260.0984	63.53432	0.810237	100	1.2
1858.213	1255.713	323.0545	20.24688	0.337414	1.42292	489.1299	1382.647	0.307447	0.534554	218.0377	53.91155	0.685337	100	0.6
1858.365	1255.865	323.0589	20.30407	0.332317	1.464981	489.7519	1391.356	0.302534	0.522284	241.7505	59.1023	0.749278	100	0.9
1858.518	1256.018	323.0633	20.36776	0.335335	1.433068	489.1462	1398.632	0.305481	0.528635	228.9196	56.22594	0.710659	100	0.7
1858.67	1256.17	323.0677	20.38489	0.326981	1.577665	487.7139	1401.358	0.29742	0.511542	263.6337	64.43763	0.813794	100	1.2
1858.823	1256.323	323.0721	20.27146	0.327847	1.476623	486.512	1401.903	0.298281	0.514392	258.5111	63.13432	0.80167	100	1.1
1858.975	1256.475	323.0765	20.18353	0.316086	1.662652	486.3142	1398.171	0.286942	0.492585	304.2534	76.4263	0.974562	100	1.8
1859.127	1256.627	323.0809	20.27768	0.320977	1.637131	487.0136	1401.999	0.291688	0.50572	279.5765	68.74842	0.872715	100	1.4
1859.28	1256.78	323.0853	20.35393	0.324228	1.644346	489.2654	1410.887	0.294854	0.510914	268.0407	65.58881	0.82959	100	1.3
1859.432	1256.932	323.0896	20.43626	0.328184	1.540808	491.2871	1418.886	0.298704	0.513331	259.3921	63.35591	0.798226	100	1.1
1859.585	1257.085	323.094	20.54594	0.344414	1.404335	492.8617	1417.501	0.314455	0.545689	193.002	48.97157	0.613812	100	0.4
1859.737	1257.237	323.0984	20.49056	0.340052	1.465246	493.8188	1410.578	0.310247	0.532153	217.4872	53.79732	0.67607	100	0.6
1859.889	1257.389	323.1028	20.36057	0.33635	1.563587	493.5292	1401.821	0.306683	0.525776	231.2066	56.72648	0.717299	100	0.8
1860.042	1257.542	323.1072	20.31437	0.310357	1.948602	489.8484	1395.345	0.281586	0.475641	335.0261	88.97837	1.127614	100	2.4
1860.194	1257.694	323.1116	20.26519	0.306896	2.17049	484.4355	1383.168	0.278276	0.478221	336.0343	89.47904	1.136641	100	2.6
1860.347	1257.847	323.116	20.34711	0.297305	2.471031	477.2837	1361.753	0.269073	0.464508	367.6592	110.6164	1.399673	100	3.7
1860.499	1257.999	323.1204	20.39083	0.294062	2.194802	473.9106	1342.089	0.265981	0.457136	382.098	126.1294	1.592664	100	4.3
1860.651	1258.151	323.1247	20.43456	0.289101	1.793227	473.2769	1309.138	0.261244	0.4463	403.5897	163.2911	2.057657	100	5.9
1860.804	1258.304	323.1292	20.5114	0.284357	1.617259	474.8084	1283.06	0.25672	0.432638	428.6861	239.0856	3.001851	100	9.3
1860.956	1258.456	323.1335	20.49001	0.303908	1.300186	477.0558	1266.631	0.27552	0.472978	347.0723	95.51199	1.200431	100	2.5
1861.109	1258.609	323.1379	20.44275	0.305325	1.328245	478.9652	1262.615	0.276908	0.472331	346.0496	94.90553	1.195493	100	2.5
1861.261	1258.761	323.1423	20.40649	0.304296	1.356886	479.8702	1258.3	0.275942	0.466953	354.8055	100.4783	1.267885	100	2.8
1861.413	1258.913	323.1467	20.37933	0.30361	1.428105	480.0504	1261.457	0.275306	0.468662	353.3251	99.47149	1.256816	100	2.8
1861.566	1259.066	323.1511	20.33919	0.293559	1.516124	479.7297	1268.75	0.265668	0.457128	382.5415	126.6987	1.603911	100	4.1
1861.718	1259.218	323.1555	20.35331	0.282862	1.618107	479.0194	1271.116	0.255432	0.435055	427.1277	234.429	2.96573	100	9.2
1861.871	1259.371	323.1599	20.34357	0.290723	1.528056	478.256	1265.602	0.262994	0.450512	395.362	146.405	1.85303	100	5
1862.023	1259.523	323.1643	20.33111	0.295637	1.482968	477.6043	1262.448	0.267736	0.45688	380.0298	123.5581	1.564806	100	3.9
1862.175	1259.675	323.1686	20.26704	0.286051	1.643142	476.9491	1264.254	0.258561	0.439664	416.4499	199.4419	2.533612	100	7.6
1862.328	1259.828	323.173	20.21334	0.287817	1.59851	476.0181	1267.66	0.260279	0.451537	397.6946	150.7963	1.920602	100	5.4
1862.48	1259.98	323.1774	20.17203	0.304337	1.443612	475.1501	1266.98	0.276174	0.488907	324.1878	84.02073	1.07226	100	2.1
1862.633	1260.133	323.1818	20.16401	0.290456	1.576182	475.4561	1263.138	0.262858	0.459462	383.1985	127.554	1.628472	100	4.3
1862.785	1260.285	323.1862	20.21198	0.287679	1.621364	477.0431	1253.006	0.260218	0.450775	398.8299	153.041	1.94938	100	5.5
1862.937	1260.437	323.1906	20.27245	0.297522	1.427686	479.1645	1243.953	0.269692	0.471127	357.6702	102.511	1.301982	100	3
1863.09	1260.59	323.195	20.32232	0.312999	1.238863	479.1633	1240.554	0.284616	0.502902	293.2243	72.81264	0.922594	100	1.5
1863.242	1260.742	323.1994	20.3552	0.31433	1.222609	476.867	1240.363	0.285924	0.504804	288.7952	71.4496	0.903914	100	1.4
1863.395	1260.895	323.2038	20.3574	0.294261	1.493796	471.8789	1239.136	0.266632	0.466386	368.4354	111.323	1.408222	100	3.4
1863.547	1261.047	323.2082	20.35959	0.297037	1.430014	469.2271	1241.442	0.269323	0.479266	346.9481	95.43777	1.207163	100	2.7
1863.699	1261.199	323.2125	20.31396	0.294555	1.403353	467.7978	1243.29	0.266963	0.475476	355.4351	100.9154	1.279242	100	2.9
1863.852	1261.352	323.2169	20.31525	0.307968	1.232123	466.9726	1245.131	0.279889	0.498632	305.6409	76.90608	0.974842	100	1.7
1864.004	1261.504	323.2213	20.27632	0.311311	1.198475	465.7533	1228.515	0.283134	0.501032	297.8508	74.28775	0.943417	100	1.5
1864.157	1261.657	323.2257	20.29497	0.298191	1.37442	463.5437	1216.511	0.270529	0.476213	349.4966	96.99392	1.230688	100	2.7
1864.309	1261.809	323.2301	20.27204	0.293593	1.457776	461.8915	1212.522	0.266135	0.470933	362.847	106.4968	1.352761	100	3.2
1864.461	1261.961	323.2345	20.17419	0.294488	1.517034	461.0815	1218.593	0.267018	0.474217	357.0963	102.0945	1.302961	100	3.1
1864.614	1262.114	323.2389	20.1148	0.304181	1.356759	461.5442	1224.641	0.276362	0.491204	320.7591	82.59213	1.057099	100	2.1
1864.766	1262.266	323.2433	20.09792	0.290114	1.526618	461.8964	1219.154	0.262868	0.458364	384.7009	129.5652	1.65968	100	4.4
1864.919	1262.419	323.2477	20.05019	0.295629	1.422628	462.138	1215.337	0.268187	0.471276	359.5419	103.9033	1.334053	100	3.1
1865.071	1262.571	323.252	20.00673	0.305445	1.318058	462.4931	1209.248	0.277652	0.494656	314.2155	80.01904	1.029575	100	1.9
1865.223	1262.723	323.2564	20.03955	0.308884	1.256252	463.3566	1207.912	0.280988	0.502178	299.2317	74.73903	0.960118	100	1.6
1865.376	1262.876	323.2608	19.99978	0.292633	1.480998	465.1601	1206.969	0.265382	0.466592	369.8764	112.6679	1.450177	100	3.6
1865.528	1263.028	323.2652	19.96247	0.301603	1.371392	466.7378	1209.083	0.274026	0.488951	327.0913	85.27907	1.099654	100	2.2
1865.681	1263.181	323.2696	19.89331	0.281383	1.626872	467.864	1211.172	0.254644	0.447941	410.4319	180.7782	2.339001	100	7
1865.833	1263.333	323.274	19.85543	0.273563	1.654447	468.268	1213.114	0.247187	0.42981	445.7441	287.7104	3.729495	100	12.3
1865.985	1263.485	323.2784	19.83414	0.274905	1.59799	468.1106	1208.474	0.248494	0.427519	447.1026	291.4061	3.781387	100	12.4
1866.138	1263.638	323.2828	19.79449	0.285626	1.399722	466.9424	1203.404	0.258781	0.449304	402.8426	161.5871	2.100921	100	6
1866.29	1263.79	323.2872	19.82979	0.307018	1.171761	464.2775	1201.159	0.279359	0.497901	307.3811	77.51672	1.00612	100	1.8
1866.443	1263.943	323.2916	19.82646	0.324016	1.020056	460.954	1199.503	0.295784	0.534603	234.0666	57.35968	0.744624	100	0.7
1866.595	1264.095	323.2959	19.82788	0.314084	1.093809	459.2051	1200.481	0.286219	0.516515	272.2285	66.71018	0.865958	100	1.2
1866.747	1264.247	323.3003	19.82631	0.302388	1.164954	460.2393	1198.669	0.274975	0.495102	317.2937	81.20596	1.054219	100	2
1866.9	1264.4	323.3047	19.8368	0.286667	1.388992	462.4895	1210.38	0.259899	0.463418	381.8224	125.779	1.632045	100	4.3
1867.052	1264.552	323.3091	19.83473	0.282189	1.492388	464.5096	1216.829	0.255633	0.452273	403.0894	162.146	2.104162	100	6.1
1867.205	1264.705	323.3135	19.82971	0.284853	1.47951	465.6979	1223.552	0.258209	0.45601	394.3772	144.6357	1.877413	100	5.2
1867.357	1264.857	323.3179	19.81705	0.294283	1.43185	466.774	1221.957	0.267279	0.47412	356.8691	101.931	1.323931	100	3.1
1867.509	1265.009	323.3223	19.83545	0.292351	1.445613	467.3504	1209.094	0.265449	0.470199	364.8062	108.122	1.40309	100	3.4
1867.662	1265.162	323.3267	19.84836	0.297998	1.384728	468.0372	1205.334	0.270897	0.477099	347.7658	95.92941	1.244093	100	2.8
1867.814	1265.314	323.331	19.85198	0.301309	1.368709	468.7249	1205.446	0.274105	0.481178	337.7102	90.32818	1.171257	100	2.5
1867.967	1265.467	323.3354	19.88494	0.304036	1.340942	469.4051	1208.584	0.276753	0.487468	325.3752	84.52969	1.094314	100	2.2
1868.119	1265.619	323.3398	19.90081	0.304254	1.333472	469.0876	1209.619	0.276987	0.493886	316.1955	80.77791	1.044943	100	2
1868.271	1265.771	323.3442	19.90798	0.312716	1.220941	468.881	1210.137	0.285163	0.513107	278.3871	68.41202	0.884677	100	1.3
1868.424	1265.924	323.3486	19.93554	0.304436	1.302829	468.677	1211.164	0.277211	0.494432	315.1334	80.36879	1.037911	100	2
1868.576	1266.076	323.353	19.93769	0.288959	1.446657	468.6944	1211.114	0.262362	0.458819	384.7694	129.6587	1.674302	100	4.4
1868.729	1266.229	323.3574	19.93983	0.276656	1.594766	468.7087	1210.019	0.250602	0.434632	434.3768	255.7773	3.302579	100	10.6

1868.881	1266.381	323.3618	19.94197	0.296539	1.357376	468.4434	1208.314	0.269688	0.480725	344.4299	93.96662	1.213177	100	2.7
1869.033	1266.533	323.3662	19.90845	0.288686	1.475667	467.782	1205.909	0.262173	0.466475	374.4665	117.2638	1.516456	100	3.9
1869.186	1266.686	323.3706	19.83332	0.281614	1.550837	466.2377	1201.919	0.25542	0.450734	405.5083	167.842	2.178558	100	6.4
1869.338	1266.838	323.3749	19.86113	0.284199	1.507668	464.8067	1197.078	0.257919	0.455661	395.2592	146.218	1.895316	100	5.3
1869.491	1266.991	323.3793	19.86746	0.281249	1.517143	463.7183	1193.928	0.255118	0.447114	410.9205	182.1694	2.360622	100	7
1869.643	1267.143	323.3837	19.88928	0.288987	1.440036	463.969	1193.986	0.262558	0.464723	376.3521	119.3018	1.544326	100	4
1869.795	1267.295	323.3881	19.89141	0.299011	1.335454	465.3267	1193.803	0.272208	0.484947	335.1258	89.02759	1.152327	100	2.4
1869.948	1267.448	323.3925	19.85412	0.291161	1.412481	466.7895	1194.645	0.264692	0.467289	369.8665	112.6585	1.460875	100	3.6
1870.1	1267.6	323.3969	19.86066	0.275577	1.6633	467.6423	1195.104	0.249787	0.433279	437.3693	264.3625	3.427001	100	11.1
1870.253	1267.753	323.4013	19.8652	0.270352	1.759967	468.1077	1194.126	0.244818	0.424272	456.6564	316.7051	4.104665	100	13.9
1870.405	1267.905	323.4057	19.85644	0.259984	1.883437	468.5646	1193.648	0.234954	0.40478	497.1669	411.961	5.34158	100	19.4
1870.557	1268.057	323.41	19.8637	0.259395	1.917253	468.2956	1190.413	0.234417	0.400506	503.8072	425.9422	5.520959	100	20.1
1870.71	1268.21	323.4144	19.86842	0.276812	1.621198	467.2971	1187.214	0.251064	0.436529	431.1215	246.2886	3.191629	100	10.2
1870.862	1268.362	323.4188	19.87293	0.278016	1.611456	465.0876	1182.921	0.25224	0.440051	424.6383	226.9127	2.939921	100	9.3
1871.015	1268.515	323.4232	19.90195	0.278005	1.518443	463.5478	1179.954	0.252254	0.444157	418.9524	208.2787	2.694696	100	8.3
1871.167	1268.667	323.4276	19.93905	0.268061	1.640181	462.6153	1174.986	0.242775	0.423613	460.3846	326.2598	4.213531	100	14.4
1871.319	1268.819	323.432	19.95844	0.275451	1.608094	461.798	1169.97	0.249859	0.437818	431.0059	245.9486	3.173372	100	10.2
1871.472	1268.972	323.4364	19.96058	0.27302	1.715361	461.1426	1164.255	0.247559	0.434466	438.8059	268.4378	3.463218	100	11.4
1871.624	1269.124	323.4408	19.88996	0.286621	1.549674	460.4473	1160.595	0.260601	0.467919	374.6425	117.4502	1.52052	100	4
1871.777	1269.277	323.4452	19.90954	0.291617	1.401907	461.2003	1158.315	0.265418	0.479728	351.6987	98.39741	1.272656	100	3
1871.929	1269.429	323.4496	19.91167	0.281559	1.429484	463.1757	1160.801	0.2558	0.455805	397.9851	151.3638	1.957531	100	5.6
1872.081	1269.581	323.4539	19.91381	0.288498	1.310305	465.5365	1166.923	0.262474	0.470893	367.9541	110.8834	1.433879	100	3.5
1872.234	1269.734	323.4583	19.91595	0.281753	1.42665	467.4935	1175.035	0.256034	0.455752	397.7363	150.8775	1.950876	100	5.5
1872.386	1269.886	323.4627	19.93519	0.287398	1.421977	468.0131	1182.241	0.261467	0.468222	373.0292	115.771	1.495553	100	3.8
1872.539	1270.039	323.4671	19.85866	0.293187	1.379222	468.1409	1189.46	0.267045	0.480078	348.97	96.66654	1.253454	100	2.9
1872.691	1270.191	323.4715	19.87562	0.298421	1.376131	468.1581	1194.175	0.272097	0.492201	325.2678	84.48336	1.094579	100	2.3
1872.843	1270.343	323.4759	19.81233	0.294364	1.440388	468.4029	1198.409	0.268224	0.484527	341.2033	92.17044	1.1979	100	2.7
1872.996	1270.496	323.4803	19.80988	0.286643	1.514232	468.9792	1198.833	0.260838	0.466075	376.8592	119.8661	1.558053	100	4.1
1873.148	1270.648	323.4847	19.812	0.284954	1.502365	469.4423	1198.998	0.259244	0.457251	391.2377	139.3069	1.810581	100	5
1873.301	1270.801	323.4891	19.81413	0.276601	1.602977	469.8984	1197.327	0.251271	0.431022	438.4359	267.3911	3.474974	100	11.3
1873.453	1270.953	323.4934	19.81625	0.276326	1.539876	469.2922	1193.649	0.251032	0.424712	447.4729	292.409	3.799749	100	12.4
1873.605	1271.105	323.4978	19.73699	0.278919	1.5245	467.737	1188.778	0.253536	0.433014	432.5604	250.5023	3.267951	100	10.4
1873.758	1271.258	323.5022	19.7391	0.276612	1.618877	465.0841	1180.977	0.251353	0.434378	433.6916	253.7932	3.310574	100	10.7
1873.91	1271.41	323.5066	19.65947	0.268435	1.80953	463.653	1173.781	0.243564	0.424958	457.4387	318.7245	4.174016	100	14.3
1874.063	1271.563	323.511	19.70083	0.251659	2.069778	462.6658	1169.485	0.22761	0.388304	530.0383	477.3717	6.238937	100	23.7
1874.215	1271.715	323.5154	19.63717	0.248416	2.069576	461.9036	1165.042	0.224552	0.382115	542.7989	500.4148	6.560828	100	25.3
1874.367	1271.867	323.5198	19.65515	0.253761	1.926822	461.088	1166.809	0.229656	0.393204	520.4535	459.2458	6.015767	100	22.6
1874.52	1272.02	323.5242	19.64953	0.267815	1.64072	460.9982	1168.254	0.243069	0.418647	466.8319	342.38	4.486215	100	15.5
1874.672	1272.172	323.5286	19.65163	0.269712	1.603679	461.6355	1171.709	0.244904	0.410728	475.2283	362.6389	4.751224	100	16.3
1874.825	1272.325	323.533	19.63377	0.27005	1.556537	462.8784	1173.962	0.245251	0.406239	480.945	375.9786	4.93042	100	16.9
1874.977	1272.477	323.5373	19.61477	0.256042	1.865254	463.7281	1175.213	0.231922	0.386363	526.7673	471.2676	6.185901	100	23
1875.129	1272.629	323.5417	19.617	0.245667	2.020131	463.9632	1173.579	0.222088	0.376943	553.3372	518.5764	6.806199	100	26.6
1875.282	1272.782	323.5461	19.68316	0.256569	1.867108	463.5354	1169.462	0.232471	0.405089	500.1676	418.3304	5.472564	100	20.1
1875.434	1272.934	323.5505	19.6933	0.288588	1.383449	463.218	1163.462	0.263088	0.467365	371.9751	114.7081	1.499865	100	3.8
1875.587	1273.087	323.5549	19.70755	0.301309	1.251816	462.9005	1159.024	0.275331	0.493206	319.4189	82.04949	1.072093	100	2.1
1875.739	1273.239	323.5593	19.71068	0.284182	1.379616	462.8594	1164.426	0.258913	0.465134	380.8157	124.5194	1.626789	100	4.3
1875.891	1273.391	323.5637	19.69245	0.275472	1.526279	462.3147	1179.302	0.250599	0.452996	409.0389	176.923	2.313528	100	7
1876.044	1273.544	323.5681	19.67296	0.262021	1.69185	461.5058	1200.726	0.237783	0.421693	469.9234	349.9338	4.580367	100	16.2
1876.196	1273.696	323.5724	19.67542	0.248503	2.022534	462.051	1215.498	0.224947	0.387352	535.0275	486.5244	6.367526	100	24.5
1876.349	1273.849	323.5769	19.67787	0.250007	1.866702	465.7208	1216.985	0.2264	0.385109	536.1174	488.499	6.392664	100	24.4
1876.501	1274.001	323.5812	19.60232	0.273247	1.653091	471.4306	1212.555	0.248568	0.433608	438.5971	267.8473	3.518348	100	11.6
1876.653	1274.153	323.5856	19.47481	0.290612	1.444377	476.8586	1200.917	0.265221	0.461833	376.6645	119.6486	1.581716	100	4
1876.806	1274.306	323.59	19.3889	0.300697	1.432638	475.377	1174.501	0.274934	0.477199	342.0563	92.63606	1.229929	100	2.7
1876.958	1274.458	323.5944	19.34722	0.301305	1.424862	467.7957	1145.213	0.275543	0.473991	345.6434	94.66757	1.259559	100	2.8
1877.111	1274.611	323.5988	19.33025	0.283778	1.659553	452.7366	1122.401	0.258741	0.436683	420.315	213.3875	2.841603	100	8.7
1877.263	1274.763	323.6032	19.34349	0.259408	1.916679	439.1183	1096.448	0.235485	0.386554	521.5856	461.4252	6.140588	100	22.5
1877.415	1274.915	323.6076	19.30781	0.241344	2.03906	422.9491	1071.904	0.218347	0.357176	585.7784	570.1489	7.601247	100	30.4
1877.568	1275.068	323.612	19.41399	0.242484	1.804859	407.6921	1045.513	0.219452	0.370614	565.7092	538.9753	7.147336	100	28.3
1877.72	1275.22	323.6163	19.38492	0.241203	1.608723	395.8721	1016.091	0.218262	0.380659	553.489	518.8326	6.890373	100	27.3
1877.873	1275.373	323.6207	19.41946	0.226001	1.569711	391.4326	989.6743	0.20391	0.355813	607.5824	601.6535	7.976491	100	34.1
1878.025	1275.525	323.6251	19.37373	0.217975	1.505891	395.4152	972.6388	0.196369	0.34713	629.9715	631.8106	8.395698	100	37.3
1878.177	1275.677	323.6295	19.56627	0.224037	1.446994	405.2533	965.35	0.202105	0.357851	607.262	601.2066	7.912375	100	34.1
1878.33	1275.83	323.6339	19.64918	0.241679	1.387336	416.2221	966.5104	0.218808	0.385954	545.4276	505.0161	6.619153	100	26.1
1878.482	1275.982	323.6383	19.65163	0.252092	1.316425	425.9912	985.8019	0.228717	0.39429	520.2508	458.8545	6.013455	100	22.5
1878.635	1276.135	323.6427	19.68699	0.261379	1.290425	433.3709	1014.161	0.237579	0.410298	485.9297	387.3226	5.067173	100	18
1878.787	1276.287	323.6471	19.72613	0.269748	1.245536	439.7551	1061.546	0.245585	0.429955	447.7559	293.1745	3.828098	100	12.7
1878.939	1276.439	323.6514	19.94205	0.253818	1.613603	446.8768	1103.653	0.230429	0.397647	513.254	445.1372	5.75111	100	21.4
1879.092	1276.592	323.6558	19.91983	0.259175	1.662654	455.5664	1148.811	0.235551	0.411751	486.7232	389.1044	5.032685	100	18.2
1879.244	1276.744	323.6602	20.01899	0.268149	1.678452	465.1098	1184.507	0.244131	0.426232	454.8992	312.1411	4.017826	100	13.7
1879.397	1276.897	323.6646	19.95181	0.289773	1.47454	472.9194	1220.624	0.264848	0.467597	369.2262	112.0555	1.4471	100	3.6
1879.549	1277.049	323.669	20.04317	0.279871	1.631283	477.166	1252.847	0.255382	0.436246	425.5523	229.6835	2.953041	100	9.2
1879.701	1277.201	323.6734	20.19939	0.305427	1.435814	479.7327	1284.888	0.279941	0.491496	315.4167	80.47745	1.02693	100	2
1879.854	1277.354	323.6778	20.40635	0.297377	1.657861	479.9772	1302.143	0.272221	0.473063	351.5077	98.27342	1.241678	100	2.9
1880.006	1277.506	323.6822	20.31488	0.304647	1.622778	480.7225	1326.24	0.279238	0.488191	320.9481	82.66938	1.049098	100	2.1
1880.159	1277.659	323.6866	20.22402	0.315301	1.527825	481.5163	1336.002	0.289529	0.507456	280.1607	68.91459	0.87837	100	1.4
1880.311	1277.811	323.691	20.16189	0.310752	1.665782	481.8076	1342.722	0.285166	0.494488	304.0782	76.36613	0.976271	100	1.8
1880.463	1277.963	323.6953	20.11617	0.309224	1.70284	481.2553	1340.205	0.283717	0.491041	310.8337	78.75919	1.009099	100	2
1880.616	1278.116	323.6997	20.08161	0.295905	1.837603	479.5968	1341.045	0.270926	0.47015	357.3157	102.2532	1.31232	100	3.2
1880.768	1278.268	323.7041	20.05426	0.280032	2.029073	477.9464	1339.271	0.255728	0.445342	412.5226	186.8775	2.401598	100	7.4
1880.921	1278.421	323.7085	20.02937	0.27752	2.019338	477.0269	1339.267	0.253348	0.450261	409.0203	176.8725	2.275794	100	7

1881.073	1278.573	323.7129	20.08067	0.298455	1.656157	477.4481	1340.312	0.273448	0.495172	319.3041	82.00339	1.052516	100	2.2
1881.225	1278.725	323.7173	20.1249	0.298797	1.638682	479.3713	1346.369	0.273802	0.495227	318.7407	81.77805	1.047392	100	2.2
1881.378	1278.878	323.7217	20.23665	0.302887	1.527764	482.3463	1358.293	0.277759	0.499362	307.5726	77.58456	0.988361	100	1.9
1881.53	1279.03	323.7261	20.15676	0.318836	1.4812	485.2632	1373.251	0.293157	0.524371	251.8126	61.48231	0.786256	100	1.1
1881.683	1279.183	323.7305	20.09126	0.33385	1.453194	487.4489	1388.016	0.3077	0.547442	199.904	50.28334	0.645085	100	0.6
1881.835	1279.335	323.7348	20.12616	0.332807	1.554107	488.3537	1403.558	0.306713	0.540386	211.0037	52.4717	0.672032	100	0.7
1881.987	1279.487	323.7392	20.22039	0.335412	1.51067	488.6476	1410.655	0.309261	0.543256	203.5267	50.98666	0.650061	100	0.6
1882.14	1279.64	323.7436	20.28744	0.316461	1.723411	488.6648	1407.947	0.29096	0.503409	283.7713	69.9562	0.889062	100	1.5
1882.292	1279.792	323.748	20.39734	0.304007	1.861637	488.6822	1407.69	0.27898	0.478046	335.3037	89.11551	1.126642	100	2.5
1882.445	1279.945	323.7524	20.38353	0.28652	2.227237	488.6994	1407.067	0.262207	0.445593	403.2371	162.4823	2.055554	100	6.1
1882.597	1280.097	323.7568	20.34587	0.288228	2.305687	488.7166	1405.677	0.263868	0.448789	396.5335	148.5743	1.883002	100	5.5
1882.749	1280.249	323.7612	20.35252	0.285191	2.506459	488.734	1402.616	0.26098	0.436468	417.5218	203.143	2.573807	100	8
1882.902	1280.402	323.7656	20.35389	0.304929	2.073248	488.8618	1400.841	0.279964	0.480599	330.4232	86.78317	1.099476	100	2.4
1883.054	1280.554	323.77	20.37509	0.309422	1.954198	488.8824	1397.212	0.284315	0.494418	305.348	76.8043	0.972079	100	1.9
1883.207	1280.707	323.7744	20.54023	0.31998	1.772247	489.1206	1396.531	0.294524	0.516624	260.6158	63.66543	0.799509	100	1.2
1883.359	1280.859	323.7787	20.69087	0.327109	1.671208	489.0365	1397.596	0.301438	0.524978	239.5469	58.5962	0.730664	100	0.9
1883.511	1281.011	323.7831	20.50387	0.329567	1.530867	490.2241	1404.117	0.30384	0.521911	240.4636	58.80612	0.739771	100	0.9
1883.664	1281.164	323.7875	20.45594	0.331638	1.42052	491.3594	1404.522	0.305869	0.524435	234.1813	57.38524	0.723545	100	0.8
1883.816	1281.316	323.7919	20.54832	0.325794	1.452449	492.3044	1403.983	0.300238	0.5154	254.4198	62.11856	0.779818	100	1
1883.969	1281.469	323.7963	20.61366	0.299995	1.930111	490.8596	1401.632	0.275383	0.471305	349.5703	97.03998	1.214481	100	2.8
1884.121	1281.621	323.8007	20.6735	0.28608	2.324278	488.2007	1398.221	0.262047	0.448173	399.8972	155.2185	1.937171	100	5.7
1884.273	1281.773	323.8051	20.50597	0.299439	2.104189	485.5375	1392.919	0.274896	0.482162	335.2589	89.09332	1.120727	100	2.6
1884.426	1281.926	323.8095	20.46842	0.317787	1.71	483.3921	1389.523	0.292598	0.515913	264.2548	64.59816	0.814051	100	1.3
1884.578	1282.078	323.8138	20.41847	0.331871	1.437731	482.9706	1379.637	0.306237	0.543649	207.1572	51.70202	0.65309	100	0.6
1884.731	1282.231	323.8183	20.40115	0.342235	1.281515	483.4392	1372.265	0.316305	0.563895	165.3237	44.05813	0.556998	100	0.2
1884.883	1282.383	323.8226	20.35184	0.339896	1.30032	484.6852	1364.909	0.314061	0.560279	173.4112	45.43895	0.575812	100	0.3
1885.035	1282.535	323.827	20.23452	0.320568	1.63373	485.7428	1361.728	0.295379	0.516758	259.2516	63.32051	0.806938	100	1.2
1885.188	1282.688	323.8314	20.10122	0.324202	1.667008	484.4556	1357.307	0.298913	0.517908	252.7863	61.71895	0.791606	100	1.1
1885.34	1282.84	323.8358	20.15637	0.32434	1.747804	480.6706	1353.21	0.299071	0.514315	257.5281	62.88829	0.804467	100	1.2
1885.493	1282.993	323.8402	20.21709	0.3118	1.768086	476.0689	1338.023	0.286989	0.495619	300.0018	74.99297	0.95652	100	1.8
1885.645	1283.145	323.8446	20.24783	0.295808	1.961335	473.1522	1318.342	0.271621	0.47588	348.4486	96.34545	1.227067	100	3
1885.797	1283.297	323.849	20.39738	0.28032	2.00949	473.9068	1295.8	0.256792	0.454341	398.6363	152.653	1.930383	100	5.7
1885.95	1283.45	323.8534	20.45999	0.281336	1.882088	475.9972	1279.832	0.257789	0.45732	393.1501	142.4978	1.796632	100	5.2
1886.102	1283.602	323.8577	20.59425	0.308371	1.46419	478.6806	1270.246	0.283779	0.509984	284.6073	70.20104	0.879517	100	1.5
1886.255	1283.755	323.8621	20.57124	0.325372	1.341183	480.037	1266.349	0.300212	0.539829	220.7444	54.47712	0.683266	100	0.7
1886.407	1283.907	323.8665	20.5106	0.332918	1.313343	481.0559	1267.399	0.307537	0.55508	189.5879	48.33601	0.607988	100	0.4
1886.559	1284.059	323.8709	20.45497	0.34131	1.21007	481.6257	1271.911	0.315694	0.569564	158.3435	42.90083	0.541051	100	0.1
1886.712	1284.212	323.8753	20.33624	0.332053	1.314746	481.4095	1283.751	0.306747	0.547443	201.2177	50.53718	0.640977	100	0.5
1886.864	1284.364	323.8797	20.36939	0.316648	1.4507	479.8543	1291.356	0.29188	0.510824	272.2692	66.72122	0.844915	100	1.3
1887.017	1284.517	323.8841	20.38466	0.319445	1.454137	477.4225	1293.337	0.294604	0.51918	256.9789	62.75137	0.794074	100	1.1
1887.169	1284.669	323.8885	20.38857	0.315586	1.5152	476.1109	1290.427	0.290902	0.516607	265.6379	64.9576	0.821848	100	1.3
1887.321	1284.821	323.8928	20.3637	0.313828	1.572851	476.0269	1287.206	0.28923	0.513716	271.934	66.63041	0.844021	100	1.4
1887.474	1284.974	323.8973	20.33022	0.296527	1.779524	477.2778	1286.792	0.272598	0.47188	352.6202	99.00195	1.256097	100	3
1887.626	1285.126	323.9016	20.31201	0.283112	2.047835	479.4031	1290.696	0.259752	0.435549	420.4843	214.0377	2.718018	100	8.4
1887.779	1285.279	323.906	20.31391	0.289226	1.927689	479.4666	1298.902	0.265636	0.449336	393.3395	142.8229	1.813531	100	5.1
1887.931	1285.431	323.9104	20.31425	0.295244	1.876089	478.2366	1299.105	0.271437	0.460041	370.5606	113.3222	1.43893	100	3.7
1888.083	1285.583	323.9148	20.32946	0.297355	1.762962	475.2347	1297.472	0.273489	0.461659	365.4959	108.7108	1.379387	100	3.4
1888.236	1285.736	323.9192	20.22791	0.288301	1.946675	471.2959	1288.244	0.26482	0.450162	393.325	142.798	1.820762	100	5.1
1888.388	1285.888	323.9236	20.21061	0.280529	2.050609	468.8606	1282.416	0.257397	0.444021	412.0422	185.4417	2.366487	100	7.3
1888.541	1286.041	323.928	20.09121	0.272779	2.229535	466.7264	1271.435	0.250008	0.430286	441.1936	275.1462	3.531563	100	11.9
1888.693	1286.193	323.9324	19.97291	0.28852	1.922443	467.6835	1260.27	0.265102	0.461372	377.4673	120.5519	1.556243	100	4.2
1888.845	1286.345	323.9367	20.04661	0.30304	1.677178	467.75	1250.191	0.279076	0.491556	316.5288	80.90726	1.040732	100	2.1
1888.998	1286.498	323.9411	20.00376	0.297276	1.751732	466.8139	1244.019	0.273556	0.484005	334.566	88.75236	1.144038	100	2.6
1889.15	1286.65	323.9455	19.88696	0.297881	1.716759	465.3919	1242.762	0.274161	0.481948	336.5701	89.74822	1.163501	100	2.6
1889.303	1286.803	323.9499	19.79032	0.305191	1.542151	465.5351	1237.719	0.281217	0.488357	317.9884	81.47946	1.061341	100	2.1
1889.455	1286.955	323.9543	19.60709	0.315531	1.343625	467.5656	1237.28	0.291207	0.497812	291.1536	72.1697	0.948648	100	1.6
1889.607	1287.107	323.9587	19.65776	0.325259	1.168611	470.0354	1233.582	0.300627	0.51082	260.204	63.56104	0.833398	100	1.1
1889.76	1287.26	323.9631	19.70795	0.31907	1.223952	471.6038	1239.398	0.29467	0.490986	295.7944	73.62529	0.962972	100	1.5
1889.912	1287.412	323.9675	19.65627	0.330878	1.169314	471.9621	1242.509	0.306111	0.517411	243.5402	59.51723	0.780451	100	0.9
1890.065	1287.565	323.9719	19.79688	0.317478	1.303185	472.8823	1255.258	0.293181	0.497829	288.4065	71.3321	0.928913	100	1.5
1890.217	1287.717	323.9762	19.94065	0.316822	1.331964	475.0863	1276.921	0.292571	0.511588	270.2606	66.17978	0.855774	100	1.3
1890.369	1287.869	323.9806	19.91357	0.304342	1.474463	477.8914	1310.203	0.280566	0.496942	307.0384	77.39568	1.002143	100	1.9
1890.522	1288.022	323.985	19.92724	0.306175	1.45233	480.3056	1330.128	0.282355	0.505077	293.3429	72.84976	0.942661	100	1.7
1890.674	1288.174	323.9894	19.93423	0.28795	1.75102	482.2086	1339.253	0.264865	0.464737	373.1498	115.8943	1.499154	100	3.9
1890.827	1288.327	323.9938	19.94733	0.293292	1.688364	482.8371	1332.999	0.270015	0.474869	352.0615	98.63417	1.275082	100	3.1
1890.979	1288.479	323.9982	19.93164	0.309184	1.520897	482.8543	1333.106	0.285325	0.505282	288.9632	71.50046	0.925033	100	1.6
1891.131	1288.631	324.0026	19.77851	0.3353	1.290695	482.7581	1338.91	0.310583	0.554316	186.4402	47.75768	0.622528	100	0.4
1891.284	1288.784	324.007	19.70206	0.335776	1.366091	482.4897	1343.589	0.311067	0.552628	188.1003	48.0618	0.628869	100	0.5
1891.436	1288.936	324.0114	19.53895	0.345438	1.333048	481.4972	1353.291	0.320462	0.571628	148.9155	41.38652	0.545942	100	0.1
1891.589	1289.089	324.0158	19.53693	0.325107	1.556154	480.0148	1363.868	0.300789	0.534649	227.0958	55.83038	0.736557	100	0.9
1891.741	1289.241	324.0201	19.52726	0.306116	1.748348	479.5928	1371.864	0.282488	0.499792	300.4535	75.14271	0.99183	100	2
1891.893	1289.393	324.0245	19.55252	0.29494	1.838705	480.1138	1362.603	0.271764	0.480793	341.4724	92.31664	1.21699	100	2.9
1892.046	1289.546	324.0289	19.57085	0.289107	1.9318	480.8006	1360.834	0.266188	0.470644	363.1714	106.7612	1.406139	100	3.7
1892.198	1289.698	324.0333	19.62268	0.291168	1.944469	481.3155	1349.743	0.26819	0.475945	353.0931	99.31628	1.304725	100	3.3
1892.351	1289.851	324.0377	19.67817	0.293218	1.995774	481.0495	1344.885	0.270181	0.479513	345.4232	94.53935	1.238567	100	3
1892.503	1290.003	324.0421	19.71354	0.283912	2.221048	480.3148	1325.848	0.261279	0.45858	386.5944	132.2149	1.729146	100	5
1892.655	1290.155	324.0465	19.76423	0.284121	2.269225	476.3024	1311.157	0.261503	0.459048	385.6395	130.8621	1.707193	100	4.9
1892.808	1290.308	324.0509	19.81469	0.280999	2.241728	471.1842	1297.183	0.258537	0.448404	404.4218	165.2334	2.150265	100	6.5
1892.96	1290.46	324.0552	19.79093	0.297136	1.873119	466.3206	1291.897	0.27404	0.48133	337.5891	90.26613	1.176065	100	2.7
1893.113	1290.613	324.0597	19.82582	0.30025	1.72816	465.9757	1291.148	0.277058	0.482986	331.1402	87.11584	1.133086	100	2.5

1893.265	1290.765	324.064	19.85897	0.299712	1.60328	469.2517	1286.021	0.276564	0.476187	341.2031	92.17029	1.196891	100	2.7
1893.417	1290.917	324.0684	19.83561	0.308359	1.457307	474.7778	1292.776	0.28491	0.49014	310.4311	78.61213	1.022011	100	1.9
1893.57	1291.07	324.0728	19.8315	0.314363	1.342693	478.5406	1305.087	0.290721	0.499388	289.6496	71.709	0.932464	100	1.5
1893.722	1291.222	324.0772	19.79178	0.310677	1.566576	481.8475	1317.435	0.287192	0.495914	299.3143	74.76616	0.97413	100	1.8
1893.875	1291.375	324.0816	19.76153	0.311679	1.630175	484.89	1329.791	0.288181	0.502566	288.7693	71.44174	0.932215	100	1.7
1894.027	1291.527	324.086	19.78218	0.298719	1.811402	488.5837	1347.435	0.275728	0.478547	339.1006	91.04943	1.186872	100	2.7
1894.179	1291.679	324.0904	19.74361	0.312122	1.694375	491.6018	1362.665	0.288655	0.503821	286.3823	70.72566	0.923708	100	1.7
1894.332	1291.832	324.0948	19.75253	0.315843	1.780282	492.7243	1376.033	0.292269	0.504933	279.861	68.82924	0.898554	100	1.6
1894.484	1291.984	324.0991	19.83337	0.328912	1.873623	492.2905	1387.762	0.30492	0.52734	231.4816	56.78702	0.738407	100	1
1894.637	1292.137	324.1035	19.89451	0.314794	2.290963	491.2542	1398.339	0.291304	0.494659	295.3709	73.49023	0.95275	100	1.9
1894.789	1292.289	324.1079	20.04822	0.325155	2.107285	491.4496	1409.425	0.301334	0.517201	250.4221	61.1464	0.786811	100	1.3
1894.941	1292.441	324.1123	20.04374	0.304443	2.432056	492.7552	1410.271	0.281377	0.477278	333.056	88.02115	1.132885	100	2.7
1895.094	1292.594	324.1167	20.05704	0.323295	1.973352	494.5494	1411.767	0.299583	0.523233	244.5136	59.74439	0.768458	100	1.2
1895.246	1292.746	324.1211	20.16536	0.315974	2.21366	495.2363	1409.004	0.292537	0.514081	266.8665	65.27927	0.835271	100	1.5
1895.399	1292.899	324.1255	20.06541	0.312975	2.240637	495.6433	1408.379	0.289668	0.511358	274.584	67.3534	0.865995	100	1.7
1895.551	1293.051	324.1299	19.96606	0.303315	2.347364	495.9924	1400.535	0.280385	0.490736	315.8527	80.64536	1.041929	100	2.4
1895.703	1293.203	324.1342	20.03666	0.332741	1.7679	495.8932	1397.497	0.308817	0.548339	197.126	49.75096	0.640579	100	0.7
1895.856	1293.356	324.1387	20.0599	0.334041	1.712284	495.173	1391.533	0.310099	0.551419	191.1047	48.61732	0.625284	100	0.6
1896.008	1293.508	324.143	20.0807	0.309558	2.162553	493.4058	1384.928	0.286469	0.504998	287.7755	71.14212	0.91407	100	1.8
1896.161	1293.661	324.1474	20.09582	0.286611	2.537638	491.7491	1376.425	0.264436	0.461831	377.7521	120.8767	1.551964	100	4.4
1896.313	1293.813	324.1518	20.07103	0.294693	2.430538	490.3157	1371.092	0.272215	0.473035	351.5558	98.30464	1.263687	100	3.2
1896.465	1293.965	324.1562	20.16555	0.313542	2.081218	489.2774	1365.635	0.290381	0.501935	286.6045	70.7918	0.905875	100	1.7
1896.618	1294.118	324.1606	20.31071	0.320171	1.944823	488.6312	1351.201	0.296803	0.503208	275.9852	67.7405	0.860816	100	1.5
1896.77	1294.27	324.165	20.38075	0.313573	1.97916	488.6514	1348.387	0.290458	0.482233	313.6868	79.81914	1.01093	100	2
1896.923	1294.423	324.1694	20.443	0.332421	1.51751	489.2283	1344.507	0.308696	0.52401	230.8654	56.65149	0.715392	100	0.8
1897.075	1294.575	324.1738	20.43194	0.349064	1.299781	490.028	1349.166	0.324861	0.561589	156.6986	42.63263	0.538651	100	0.1
1897.227	1294.727	324.1781	20.47754	0.351808	1.247072	491.0006	1354.346	0.327551	0.571126	139.8259	39.9778	0.504021	98.5	0
1897.38	1294.88	324.1825	20.40516	0.354455	1.291963	492.3589	1367.994	0.330149	0.581122	122.4468	37.41754	0.473372	92.8	0
1897.532	1295.032	324.1869	20.32459	0.33404	1.55594	494.1587	1385.18	0.310359	0.541341	204.6548	51.20781	0.650336	100	0.6
1897.685	1295.185	324.1913	20.35344	0.335464	1.643344	495.0636	1391.621	0.311762	0.54217	201.5738	50.60624	0.641817	100	0.6
1897.837	1295.337	324.1957	20.29795	0.333491	1.700838	495.3541	1400.936	0.309874	0.532303	217.7952	53.86121	0.68492	100	0.8
1897.989	1295.489	324.2001	20.30009	0.340831	1.618657	495.1441	1409.416	0.317012	0.549595	184.0819	47.3291	0.6018	100	0.5
1898.142	1295.642	324.2045	20.34103	0.339518	1.598841	494.4335	1429.773	0.315762	0.554334	179.2678	46.46652	0.589683	100	0.4
1898.294	1295.794	324.2089	20.32959	0.33204	1.729998	493.5525	1437.25	0.308541	0.544965	202.1619	50.72047	0.644027	100	0.7
1898.447	1295.947	324.2133	20.26163	0.338818	1.622311	492.0137	1447.467	0.315131	0.55714	176.2649	45.93669	0.585192	100	0.4
1898.599	1296.099	324.2177	20.34917	0.319502	1.898605	491.1433	1451.009	0.296464	0.511228	265.3844	64.89151	0.823212	100	1.4
1898.751	1296.251	324.222	20.43494	0.322507	1.827217	491.2895	1456.707	0.299391	0.513134	258.7149	63.18549	0.79831	100	1.2
1898.904	1296.404	324.2264	20.49111	0.299016	2.349374	493.3239	1460.998	0.276771	0.460287	362.8595	106.507	1.342083	100	3.4
1899.056	1296.556	324.2308	20.4917	0.308582	2.188951	496.0725	1458.345	0.286002	0.482574	319.3647	82.02771	1.033604	100	2.2
1899.209	1296.709	324.2352	20.65034	0.330496	1.820065	498.6574	1457.193	0.307188	0.534334	218.699	54.04913	0.675986	100	0.8
1899.361	1296.861	324.2396	20.57347	0.344552	1.616917	500.6173	1455.215	0.320835	0.56469	157.9751	42.8406	0.53775	100	0.3
1899.513	1297.013	324.244	20.55909	0.329365	1.768958	501.6866	1458.196	0.306141	0.529455	226.8783	55.78342	0.700695	100	0.9
1899.666	1297.166	324.2484	20.50894	0.329641	1.758151	501.2984	1467.477	0.306432	0.519712	239.9218	58.68195	0.73886	100	1
1899.818	1297.318	324.2528	20.3929	0.316484	2.031329	499.1318	1471.212	0.29374	0.487047	302.5134	75.83313	0.960094	100	1.9
1899.971	1297.471	324.2572	20.30036	0.304269	2.422229	496.4708	1469.09	0.281991	0.469349	343.1516	93.24355	1.185762	100	2.9
1900.123	1297.623	324.2615	20.20019	0.284039	2.987395	493.7604	1464.646	0.262587	0.441757	408.0054	174.1652	2.225528	100	6.9
1900.275	1297.775	324.2659	20.17232	0.294779	2.673467	492.2234	1465.245	0.272913	0.475148	347.6757	95.87488	1.226774	100	3.2
1900.428	1297.928	324.2703	20.14133	0.308078	2.254871	491.9644	1471.22	0.28573	0.502211	292.6427	72.631	0.930756	100	1.9
1900.58	1298.08	324.2747	20.08643	0.313813	2.058476	492.0922	1473.518	0.291282	0.507092	278.2436	68.3716	0.878512	100	1.6
1900.733	1298.233	324.2791	20.03004	0.310288	2.094113	491.7716	1470.845	0.287907	0.492159	303.5092	76.17145	0.981425	100	2
1900.885	1298.385	324.2835	19.99571	0.301714	2.284765	491.2325	1467.352	0.279674	0.467304	349.1709	96.79109	1.249195	100	3
1901.037	1298.537	324.2879	20.03197	0.308107	2.0853	491.0289	1465.967	0.285853	0.478644	324.9946	84.36572	1.086925	100	2.4
1901.19	1298.69	324.2923	20.07026	0.3193	1.947875	491.049	1464.521	0.296672	0.505148	273.489	67.05323	0.862285	100	1.5
1901.342	1298.842	324.2966	20.10664	0.312581	2.04135	491.5083	1455.65	0.290212	0.494252	297.4406	74.15473	0.951939	100	1.9
1901.495	1298.995	324.3011	20.08371	0.306335	2.161119	491.4153	1449.076	0.284217	0.48287	321.4208	82.86325	1.064925	100	2.3
1901.647	1299.147	324.3054	20.11893	0.304898	2.043649	491.6506	1436.813	0.282857	0.480665	326.3394	84.94868	1.089878	100	2.4
1901.799	1299.299	324.3098	20.11575	0.30318	1.922494	490.8907	1425.871	0.281226	0.479539	330.144	86.65454	1.111947	100	2.5
1901.952	1299.452	324.3142	19.99504	0.288095	2.17633	490.9049	1416.113	0.266758	0.450418	390.2975	137.7983	1.77863	100	5.1
1902.104	1299.604	324.3186	19.9574	0.29657	1.958728	490.5289	1416.523	0.274918	0.470625	351.1511	98.04309	1.267828	100	3.1
1902.257	1299.757	324.323	19.95414	0.292416	2.120791	490.0937	1413.427	0.270952	0.461579	369.1083	111.9455	1.447851	100	3.8
1902.409	1299.909	324.3274	20.00549	0.297199	1.949037	488.7727	1406.857	0.275569	0.470475	350.4597	97.6008	1.259181	100	3
1902.561	1300.061	324.3318	19.96513	0.307876	1.85073	487.672	1394.335	0.285867	0.491548	307.1674	77.44121	1.001073	100	2
1902.714	1300.214	324.3362	20.01406	0.315276	1.765637	486.2916	1384.252	0.293024	0.500617	284.7757	70.25053	0.905968	100	1.6
1902.866	1300.366	324.3405	20.1841	0.315379	1.744632	484.9102	1378.839	0.293147	0.49816	287.9959	71.20839	0.9108	100	1.6
1903.019	1300.519	324.3449	20.24674	0.318747	1.667862	483.4727	1377.995	0.296421	0.508958	268.5763	65.73069	0.838216	100	1.3
1903.171	1300.671	324.3493	20.33069	0.30777	1.848406	481.4903	1381.143	0.285858	0.490545	308.564	77.93767	0.989904	100	2
1903.323	1300.823	324.3537	20.43472	0.306074	1.848885	480.8478	1391.443	0.284249	0.486423	316.4736	80.8858	1.022278	100	2.1
1903.476	1300.976	324.3581	20.32628	0.314852	1.615373	481.3189	1403.855	0.292733	0.500836	284.8742	70.27951	0.892843	100	1.5
1903.628	1301.128	324.3625	20.44275	0.32667	1.344784	482.6832	1408.2	0.304173	0.520264	242.2779	59.22422	0.748238	100	0.9
1903.781	1301.281	324.3669	20.43242	0.329494	1.303277	484.8794	1409.66	0.306928	0.524941	232.0216	56.90609	0.719311	100	0.8
1903.933	1301.433	324.3713	20.36943	0.322487	1.407546	487.019	1408.122	0.300176	0.508952	263.4038	64.37836	0.816216	100	1.1
1904.085	1301.585	324.3756	20.24456	0.327022	1.402595	489.653	1412.624	0.304584	0.51673	246.587	60.23178	0.76823	100	1
1904.238	1301.738	324.3801	20.12687	0.319708	1.488356	491.1209	1415.823	0.297538	0.49925	280.4328	68.99222	0.88498	100	1.4
1904.39	1301.89	324.3844	20.1257	0.32312	1.432862	492.3075	1417.058	0.300859	0.508449	263.1557	64.31447	0.825033	100	1.2
1904.543	1302.043	324.3888	19.95556	0.316138	1.558549	493.1601	1417.6	0.294139	0.500875	282.8805	69.69685	0.90151	100	1.5
1904.695	1302.195	324.3932	19.96494	0.311148	1.64134	493.6779	1424.315	0.28935	0.495882	296.38	73.81279	0.954322	100	1.8
1904.847	1302.347	324.3976	19.98904	0.324643	1.503855	493.906	1423.865	0.302402	0.524407	239.0045	58.47244	0.755107	100	1
1905	1302.5	324.402	20.06339	0.338844	1.316169	492.7448	1425.433	0.316173	0.550818	183.5535	47.23362	0.607776	100	0.4
1905.152	1302.652	324.4064	20.0968	0.323878	1.514162	491.0298	1422.86	0.301709	0.529433	233.0242	57.12794	0.733909	100	0.9
1905.305	1302.805	324.4108	20.1423	0.277634	2.299953	489.2762	1422.783	0.257258	0.450892	402.7531	161.3856	2.068745	100	6.4

1905.457	1302.957	324.4152	20.13614	0.258979	2.729088	489.1844	1424.219	0.239476	0.436554	447.0783	291.3403	3.73574	100	13.5
1905.609	1303.109	324.4195	20.18812	0.25978	2.534587	489.4194	1427.58	0.240262	0.438428	443.4074	281.2944	3.597927	100	12.9
1905.762	1303.262	324.4239	20.15972	0.291683	1.878129	489.2003	1432.127	0.270791	0.486725	334.6275	88.78251	1.137151	100	2.7
1905.914	1303.414	324.4283	20.16197	0.299697	1.780729	487.6082	1436.988	0.278514	0.482154	330.2794	86.71685	1.110585	100	2.5
1906.067	1303.567	324.4327	20.32419	0.306158	1.813063	486.799	1440.93	0.284755	0.485161	317.5158	81.29314	1.033052	100	2.1
1906.219	1303.719	324.4371	20.29582	0.30816	1.820798	487.6624	1445.043	0.286707	0.491234	306.4416	77.18579	0.9822	100	1.9
1906.371	1303.871	324.4415	20.18605	0.294975	2.076851	489.3582	1451.085	0.274046	0.461725	364.6366	107.9786	1.381324	100	3.5
1906.524	1304.024	324.4459	20.25415	0.287337	2.220253	491.7066	1452.512	0.26674	0.445009	397.7864	150.9751	1.925064	100	5.6
1906.676	1304.176	324.4503	20.22475	0.291005	2.155707	492.0464	1449.437	0.270282	0.452626	382.3872	126.5	1.615282	100	4.4
1906.829	1304.329	324.4547	20.34475	0.292835	2.292717	490.7101	1442.636	0.272062	0.457335	373.4321	116.1844	1.47507	100	4
1906.981	1304.481	324.4591	20.35548	0.288742	2.549346	488.2784	1432.761	0.268158	0.444568	396.4387	148.3961	1.883082	100	5.5
1907.133	1304.633	324.4634	20.28388	0.292283	2.476365	486.4035	1424.548	0.271579	0.455517	376.6067	119.5843	1.522695	100	4.2
1907.286	1304.786	324.4678	20.28094	0.294491	2.371248	485.5889	1416.3	0.273723	0.465002	360.5594	104.6827	1.333153	100	3.5
1907.438	1304.938	324.4722	20.36764	0.304519	1.999287	485.3843	1412.509	0.283389	0.494027	307.1655	77.44053	0.982148	100	2
1907.591	1305.091	324.4766	20.36977	0.313965	1.806538	485.4015	1407.641	0.292514	0.515991	264.2634	64.60038	0.819227	100	1.4
1907.743	1305.243	324.481	20.33116	0.314787	1.75297	485.4186	1402.631	0.293331	0.516369	262.6148	64.17551	0.81535	100	1.3
1907.895	1305.395	324.4854	20.33328	0.311631	1.843115	485.4358	1397.459	0.290311	0.506131	280.9099	69.12865	0.878199	100	1.6
1908.048	1305.548	324.4898	20.36194	0.306046	1.943466	485.4529	1399.396	0.284953	0.489312	311.5146	79.00932	1.002359	100	2.1
1908.2	1305.7	324.4942	20.24729	0.307952	1.963015	485.477	1396.767	0.286812	0.483818	316.5303	80.90785	1.032107	100	2.2
1908.353	1305.853	324.4986	20.26526	0.300624	1.990281	486.114	1391.139	0.279783	0.463337	354.4952	100.2649	1.277947	100	3.1
1908.505	1306.005	324.5029	20.24826	0.307275	1.87406	487.4857	1392.115	0.286207	0.486665	313.4371	79.72508	1.016993	100	2.1
1908.657	1306.157	324.5073	20.15594	0.298244	1.985541	490.6789	1401.644	0.277541	0.477826	337.5933	90.26825	1.156627	100	2.7
1908.81	1306.31	324.5117	20.27216	0.297214	2.102108	493.2637	1400.164	0.276574	0.481053	334.4747	88.70774	1.130305	100	2.7
1908.962	1306.462	324.5161	20.23694	0.287462	2.222513	495.6061	1387.089	0.267237	0.459435	377.1925	120.2407	1.534704	100	4.2
1909.115	1306.615	324.5205	20.29992	0.285121	2.098145	495.5003	1380.455	0.265016	0.454503	387.0642	132.893	1.691093	100	4.8
1909.267	1306.767	324.5249	20.28148	0.295343	1.808864	494.1211	1375.528	0.274848	0.477222	342.1434	92.68395	1.180479	100	2.8
1909.419	1306.919	324.5293	20.35252	0.311274	1.57625	492.3528	1371.638	0.290202	0.507598	279.035	68.59494	0.870711	100	1.5
1909.572	1307.072	324.5337	20.42435	0.313751	1.644017	490.9226	1373.222	0.292614	0.51026	272.0337	66.65742	0.843234	100	1.4
1909.724	1307.224	324.5381	20.60781	0.309413	1.774262	490.2155	1381.717	0.288456	0.497316	295.6352	73.57445	0.9227	100	1.7
1909.877	1307.377	324.5425	20.60347	0.310267	1.770688	489.5723	1393.794	0.289302	0.497439	294.298	73.15011	0.917575	100	1.7
1910.029	1307.529	324.5468	20.57444	0.317415	1.673136	490.0319	1406.605	0.29622	0.509595	267.9753	65.57151	0.823646	100	1.3
1910.181	1307.681	324.5512	20.55905	0.30573	1.803423	490.1042	1404.495	0.284979	0.482138	321.3787	82.84594	1.041398	100	2.2
1910.334	1307.834	324.5556	20.66536	0.310291	1.804113	489.9525	1400.929	0.289396	0.491015	303.0331	76.00932	0.9507	100	1.8
1910.486	1307.986	324.56	20.69212	0.336979	1.482604	489.635	1395.431	0.315213	0.553716	180.8781	46.75323	0.584046	100	0.4
1910.639	1308.139	324.5644	20.65643	0.334131	1.553424	489.4309	1400.19	0.312478	0.555082	182.7678	47.092	0.589271	100	0.4
1910.791	1308.291	324.5688	20.68671	0.322023	1.634014	489.4513	1396.22	0.300788	0.534136	227.8046	55.98373	0.699547	100	0.9
1910.943	1308.443	324.5732	20.68887	0.307505	1.813513	490.0306	1394.196	0.286806	0.502156	291.2329	72.1941	0.902023	100	1.7
1911.096	1308.596	324.5776	20.8499	0.309451	1.723956	490.8216	1395.731	0.288704	0.501547	289.4532	71.64923	0.88852	100	1.6
1911.248	1308.748	324.5819	20.8869	0.311088	1.775139	490.8389	1400.687	0.290305	0.500437	288.7755	71.44362	0.884458	100	1.6
1911.401	1308.901	324.5863	20.87221	0.316064	1.729357	490.6287	1407.354	0.295128	0.503384	278.0532	68.31803	0.84635	100	1.4
1911.553	1309.053	324.5907	21.04894	0.334425	1.516557	490.2036	1423.744	0.312904	0.542369	199.7244	50.24873	0.617444	100	0.5
1911.705	1309.205	324.5951	21.17032	0.330961	1.55091	490.2117	1418.142	0.309573	0.539553	208.206	51.91067	0.634334	100	0.6
1911.858	1309.358	324.5995	21.10897	0.343415	1.42726	489.1966	1412.267	0.321667	0.569819	149.7496	41.51828	0.508773	100	0.1
1912.01	1309.51	324.6039	21.14744	0.335419	1.487205	484.7603	1366.605	0.313937	0.553518	182.9129	47.11813	0.576385	100	0.4
1912.163	1309.663	324.6083	21.04592	0.338288	1.460661	474.8137	1340.659	0.316741	0.556398	175.0693	45.72747	0.56199	100	0.3
1912.315	1309.815	324.6127	21.05811	0.287494	2.118344	463.2208	1312.186	0.267785	0.457381	379.2717	122.6487	1.506521	100	4.1
1912.467	1309.967	324.617	21.07323	0.248044	2.996794	458.2807	1300.731	0.230161	0.400784	509.2966	437.1927	5.366461	100	20.8
1912.62	1310.12	324.6215	21.21319	0.232055	3.116181	461.8208	1289.075	0.215037	0.390239	544.7194	503.7812	6.144411	100	25.7
1912.772	1310.272	324.6258	21.26407	0.26	1.963025	472.8615	1291.161	0.241578	0.446634	430.2666	243.7703	2.966318	100	10.2
1912.925	1310.425	324.6302	21.36259	0.276489	1.969497	479.9459	1294.082	0.25734	0.46013	389.8921	137.1596	1.661603	100	4.8
1913.077	1310.577	324.6346	21.5046	0.290472	1.92921	483.7901	1303.602	0.270759	0.477472	347.4411	95.73332	1.152365	100	2.8
1913.229	1310.729	324.639	21.60425	0.298578	1.831578	484.191	1317.33	0.278568	0.496131	310.9148	78.78891	0.944189	100	1.9
1913.382	1310.882	324.6434	21.60725	0.30473	1.706471	483.8184	1338.939	0.284509	0.507101	287.5781	71.08284	0.851735	100	1.5
1913.534	1311.034	324.6478	21.64103	0.300984	1.762777	483.7282	1345.944	0.280929	0.496982	306.4838	77.2006	0.923657	100	1.8
1913.687	1311.187	324.6522	21.61451	0.306863	1.73686	484.0277	1354.872	0.286611	0.505376	287.0588	70.92735	0.849614	100	1.5
1913.839	1311.339	324.6566	21.57519	0.328483	1.450488	484.6008	1352.012	0.307504	0.547751	199.7478	50.25325	0.603031	100	0.5
1913.991	1311.491	324.6609	21.55897	0.317858	1.538063	484.8944	1355.961	0.297259	0.523978	246.6934	60.25692	0.723606	100	1
1914.144	1311.644	324.6653	21.51782	0.302727	1.707018	485.0187	1362.96	0.282699	0.493694	308.5778	77.94261	0.937724	100	1.8
1914.296	1311.796	324.6697	21.51949	0.284429	2.002066	484.6431	1366.229	0.265152	0.454148	387.3656	133.3325	1.604014	100	4.5
1914.449	1311.949	324.6741	21.63474	0.290652	1.936372	483.7603	1364.931	0.271143	0.470301	356.8071	101.8865	1.219424	100	3
1914.601	1312.101	324.6785	21.73517	0.28172	2.070338	482.1096	1362.121	0.262604	0.453692	391.5118	139.754	1.665203	100	4.8
1914.753	1312.253	324.6829	21.8478	0.295385	1.82426	481.4082	1359.779	0.275734	0.485674	329.2567	86.24891	1.022581	100	2.2
1914.906	1312.406	324.6873	21.94935	0.307996	1.562499	481.7109	1351.189	0.287889	0.511131	277.3521	68.12139	0.804067	100	1.3
1915.058	1312.558	324.6917	21.93922	0.306599	1.581438	482.7233	1351.854	0.286568	0.504305	288.5955	71.3892	0.843022	100	1.5
1915.211	1312.711	324.6961	22.02721	0.308178	1.560451	482.5717	1349.264	0.288112	0.503616	287.4147	71.03385	0.835608	100	1.4
1915.363	1312.863	324.7005	22.06813	0.304436	1.635254	482.2508	1356.817	0.284532	0.492499	307.6972	77.62876	0.911567	100	1.7
1915.515	1313.015	324.7048	22.05963	0.308906	1.614889	481.7286	1357.889	0.28886	0.499266	292.3864	72.55123	0.852268	100	1.5
1915.668	1313.168	324.7092	21.87582	0.308959	1.598447	483.1974	1353.52	0.288934	0.498514	293.3211	72.84293	0.862624	100	1.5
1915.82	1313.32	324.7136	21.98211	0.308979	1.575923	484.5998	1347.377	0.288977	0.501328	289.379	71.62665	0.84428	100	1.4
1915.973	1313.473	324.718	21.99917	0.304105	1.54749	484.9977	1350.506	0.284307	0.494798	304.8348	76.62659	0.90255	100	1.7
1916.125	1313.625	324.7224	22.01081	0.298866	1.653691	484.0129	1354.977	0.279291	0.486855	322.7189	83.40142	0.981857	100	2
1916.277	1313.777	324.7268	21.97897	0.295268	1.75305	483.3613	1361.926	0.275857	0.480771	335.8543	89.38913	1.053827	100	2.3
1916.43	1313.93	324.7312	21.8502	0.301515	1.769096	483.0465	1359.759	0.281885	0.494141	309.0838	78.1242	0.926258	100	1.8
1916.582	1314.082	324.7356	21.84453	0.291878	1.852018	483.0638	1363.262	0.272648	0.474243	349.2899	96.86503	1.148753	100	2.7
1916.735	1314.235	324.74	21.72065	0.30585	1.634216	483.0809	1368.448	0.286105	0.503958	289.7142	71.72867	0.855337	100	1.5
1916.887	1314.387	324.7443	21.56541	0.302676	1.628389	483.095	1367.491	0.283073	0.496279	304.4944	76.50918	0.918687	100	1.7
1917.039	1314.539	324.7487	21.63763	0.317303	1.493597	482.8327	1361.975	0.297193	0.521278	250.5107	61.16773	0.732116	100	1
1917.192	1314.692	324.7531	21.70479	0.309626	1.597218	482.2882	1355.202	0.289812	0.501315	288.2454	71.28353	0.850654	100	1.5
1917.344	1314.844	324.7575	21.77949	0.318422	1.527878	481.3068	1360.055	0.29832	0.520592	249.9014	61.02121	0.725789	100	1
1917.497	1314.997	324.7619	21.70602	0.296364	1.798674	481.2201	1369.088	0.277097	0.478822	336.8321	89.88058	1.072543	100	2.4

1917.649	1315.149	324.7663	21.65702	0.307727	1.693145	482.1365	1377.438	0.288052	0.502975	288.3827	71.32494	0.852985	100	1.5
1917.801	1315.301	324.7707	21.62866	0.303483	1.72232	483.8276	1375.99	0.28399	0.489726	312.2719	79.28958	0.949444	100	1.9
1917.954	1315.454	324.7751	21.46607	0.297907	1.836974	485.5156	1374.382	0.278651	0.473876	341.5138	92.33919	1.1138	100	2.5
1918.106	1315.606	324.7795	21.46969	0.289893	1.980182	486.31	1377.371	0.270978	0.456591	375.9557	118.8657	1.433545	100	3.8
1918.259	1315.759	324.7839	21.47072	0.294154	1.962348	486.6003	1379.712	0.275091	0.469688	352.2046	98.728	1.190637	100	2.9
1918.411	1315.911	324.7882	21.46441	0.314415	1.662853	486.1138	1384.987	0.294617	0.516345	260.8724	63.73062	0.768803	100	1.2
1918.563	1316.063	324.7926	21.32949	0.328037	1.515431	485.6246	1394.982	0.307799	0.545513	202.429	50.77246	0.616234	100	0.5
1918.716	1316.216	324.797	21.43786	0.329264	1.538501	484.7689	1403.724	0.30901	0.547058	198.6263	50.03774	0.604356	100	0.5
1918.868	1316.368	324.8014	21.36924	0.319135	1.676377	486.1191	1398.942	0.299242	0.525607	241.7073	59.09233	0.715939	100	1
1919.021	1316.521	324.8058	21.22375	0.320582	1.648718	486.9717	1396.699	0.300663	0.528034	236.3981	57.88196	0.705929	100	0.9
1919.173	1316.673	324.8102	21.2176	0.319741	1.614888	487.2499	1397.021	0.299875	0.528395	236.9884	58.01505	0.707758	100	0.9
1919.325	1316.825	324.8146	21.19564	0.31788	1.627287	485.418	1398.871	0.298101	0.526057	242.6629	59.31341	0.72433	100	1
1919.478	1316.978	324.819	21.15955	0.303709	1.815917	483.0896	1398.905	0.284465	0.500064	297.35	74.12538	0.906715	100	1.8
1919.63	1317.13	324.8233	21.16231	0.284677	2.107761	480.5504	1384.362	0.266211	0.460924	376.5548	119.5266	1.461902	100	4
1919.783	1317.283	324.8278	21.05494	0.280571	2.131031	479.6306	1379.387	0.262301	0.451133	395.4612	146.5859	1.801727	100	5.3
1919.935	1317.435	324.8321	20.91823	0.275606	2.218196	480.1054	1376.057	0.257575	0.434724	424.6281	226.8817	2.806345	100	9.1
1920.087	1317.587	324.8365	20.7601	0.28545	1.974347	481.7844	1380.232	0.267022	0.447248	394.3082	144.5135	1.800735	100	5.1
1920.24	1317.74	324.8409	20.66794	0.287778	1.883201	482.0132	1382.957	0.269277	0.443953	395.7429	147.1025	1.840945	100	5.2
1920.392	1317.892	324.8453	20.50858	0.305475	1.50492	480.7437	1375.243	0.286306	0.484017	316.9543	81.07308	1.022272	100	2
1920.545	1318.045	324.8497	20.44637	0.299467	1.482732	479.1587	1364.972	0.280548	0.478505	332.5063	87.75889	1.109859	100	2.3
1920.697	1318.197	324.8541	20.47333	0.309765	1.282083	479.5768	1358.117	0.290485	0.507932	278.1851	68.35514	0.863368	100	1.4
1920.849	1318.349	324.8585	20.55004	0.304344	1.348412	481.3908	1363.61	0.285287	0.496661	300.9125	75.29547	0.94759	100	1.7
1921.002	1318.502	324.8629	20.57754	0.313909	1.307809	484.5223	1372.585	0.294527	0.516733	260.4623	63.6265	0.799706	100	1.1
1921.154	1318.654	324.8672	20.42769	0.311543	1.441715	485.8696	1379.673	0.292268	0.512165	269.8822	66.0785	0.836452	100	1.3
1921.307	1318.807	324.8716	20.48497	0.301436	1.651103	486.163	1388.974	0.282559	0.493503	309.0353	78.10673	0.986034	100	2
1921.459	1318.959	324.876	20.53408	0.295924	1.812968	485.9558	1389.684	0.277283	0.481374	333.0531	88.01976	1.108608	100	2.5
1921.611	1319.111	324.8804	20.50376	0.298585	1.813699	485.8626	1386.826	0.279864	0.483293	326.8442	85.17012	1.074269	100	2.4
1921.764	1319.264	324.8848	20.46914	0.307771	1.782238	485.8796	1385.075	0.288727	0.498181	294.0674	73.07738	0.923265	100	1.8
1921.916	1319.416	324.8892	20.46147	0.316206	1.683079	485.8968	1381.821	0.296884	0.511784	264.0394	64.54243	0.81574	100	1.3
1922.069	1319.569	324.8936	20.47423	0.315689	1.71663	485.9138	1384.464	0.296408	0.509761	267.4876	65.44275	0.826627	100	1.3
1922.221	1319.721	324.898	20.49742	0.337929	1.379736	485.8173	1384.334	0.31794	0.559537	169.0808	44.69417	0.563931	100	0.3
1922.373	1319.873	324.9023	20.3632	0.331038	1.411209	485.4966	1389.625	0.311288	0.550406	190.8624	48.57227	0.616796	100	0.5
1922.526	1320.026	324.9067	20.2132	0.30714	1.750551	484.8447	1393.093	0.288236	0.506311	283.525	69.88432	0.893843	100	1.6
1922.678	1320.178	324.9111	20.11349	0.292047	2.029308	484.3085	1398.011	0.273747	0.475959	345.4056	94.52908	1.214906	100	3
1922.831	1320.331	324.9155	20.19042	0.286558	2.293957	484.3287	1405.473	0.268505	0.462812	370.7834	113.5374	1.453807	100	4
1922.983	1320.483	324.9199	20.37133	0.295146	2.057582	484.9047	1415.342	0.27677	0.481676	333.3448	88.15979	1.119111	100	2.6
1923.135	1320.635	324.9243	20.34288	0.299107	1.969771	485.4779	1422.362	0.2806	0.491631	314.3216	80.05931	1.017676	100	2.2
1923.288	1320.788	324.9287	20.34816	0.308594	1.809652	485.4887	1428.538	0.289754	0.511955	273.6419	67.09503	0.852674	100	1.5
1923.44	1320.94	324.9331	20.20527	0.320813	1.746909	484.9464	1424.014	0.301564	0.535595	224.7198	55.31976	0.707873	100	0.9
1923.593	1321.093	324.9375	20.08954	0.305072	2.014805	484.2393	1422.723	0.286408	0.50473	288.2294	71.2787	0.917211	100	1.8
1923.745	1321.245	324.9419	19.96406	0.296176	2.14143	483.8693	1419.869	0.277875	0.496147	311.8488	79.13274	1.024524	100	2.3
1923.897	1321.397	324.9462	19.96047	0.299116	1.972262	483.8958	1419.989	0.280725	0.509091	290.0531	71.83208	0.930176	100	1.9
1924.05	1321.55	324.9506	19.79951	0.29038	2.182928	484.8695	1417.626	0.272358	0.491238	326.2375	84.90418	1.108181	100	2.7
1924.202	1321.702	324.955	19.80046	0.299162	2.12237	486.8479	1415.084	0.280816	0.500015	302.4528	75.81265	0.989481	100	2.2
1924.355	1321.855	324.9594	19.79865	0.296186	2.187781	489.5862	1409.181	0.277979	0.484276	328.0884	85.72218	1.118929	100	2.7
1924.507	1322.007	324.9638	19.77727	0.308823	1.83114	490.4688	1390.788	0.290161	0.502998	285.4414	70.44675	0.920519	100	1.7
1924.659	1322.159	324.9682	19.74056	0.329119	1.545023	488.0357	1377.561	0.309782	0.541931	204.6363	51.20418	0.670301	100	0.7
1924.812	1322.312	324.9726	19.73877	0.325481	1.571235	480.1867	1372.427	0.306287	0.537455	215.6367	53.41529	0.699315	100	0.8
1924.964	1322.464	324.977	19.74081	0.30197	1.977121	472.7004	1375.554	0.283634	0.496816	302.9796	75.99113	0.99479	100	2.1
1925.117	1322.617	324.9814	19.72548	0.27092	2.278725	469.861	1362.626	0.253891	0.44248	419.0075	208.481	2.731297	100	9
1925.269	1322.769	324.9857	19.68873	0.285574	1.74002	472.581	1355.845	0.267936	0.475182	354.4984	100.2671	1.316002	100	3.3
1925.421	1322.921	324.9901	19.79053	0.29955	1.505056	477.6656	1348.911	0.281375	0.501758	299.2756	74.75346	0.976219	100	1.9
1925.574	1323.074	324.9945	19.80781	0.310543	1.513419	480.9573	1344.14	0.291983	0.521305	257.6639	62.9222	0.821022	100	1.3
1925.726	1323.226	324.9989	19.90908	0.286675	2.026135	482.3013	1342.623	0.26906	0.475538	352.4546	98.89255	1.28398	100	3.3
1925.879	1323.379	325.0033	19.93494	0.302014	1.77345	481.873	1352.916	0.283816	0.506933	288.7672	71.44112	0.926398	100	1.8
1926.031	1323.531	325.0077	20.06051	0.309551	1.671244	481.6722	1371.079	0.291096	0.517541	264.0816	64.55335	0.831983	100	1.4
1926.183	1323.683	325.0121	20.02868	0.32212	1.556541	481.9196	1391.949	0.303248	0.538191	218.8139	54.07308	0.697997	100	0.8
1926.336	1323.836	325.0165	19.99984	0.303477	1.861443	483.113	1413.386	0.285294	0.497002	300.4319	75.13556	0.971254	100	2
1926.488	1323.988	325.0209	20.02639	0.305009	1.873367	484.8029	1424.164	0.286791	0.500704	293.2566	72.82275	0.940151	100	1.9
1926.641	1324.141	325.0253	19.95618	0.297477	2.026867	486.4861	1425.019	0.27957	0.483237	327.3268	85.38318	1.1061	100	2.5
1926.793	1324.293	325.0296	19.93459	0.294161	2.122396	486.7733	1424.511	0.276407	0.475155	342.8435	93.07153	1.206985	100	3
1926.945	1324.445	325.034	19.92589	0.294026	2.191247	485.9397	1418.943	0.276301	0.472486	346.6741	95.27454	1.236094	100	3.1
1927.098	1324.598	325.0384	20.032	0.296468	2.135641	483.736	1430.957	0.27867	0.479478	333.7552	88.35778	1.140447	100	2.7
1927.25	1324.75	325.0428	20.1764	0.288845	2.231268	482.9331	1436.548	0.271375	0.463047	366.4983	109.5825	1.40455	100	3.8
1927.403	1324.903	325.0472	20.15128	0.310938	1.805725	484.0963	1446.265	0.292642	0.51211	269.4421	65.961	0.846476	100	1.5
1927.555	1325.055	325.0516	20.21368	0.321799	1.64307	488.5236	1446.702	0.303147	0.533603	225.2854	55.44084	0.70934	100	0.9
1927.707	1325.207	325.056	20.2088	0.31078	1.88266	493.28	1447.782	0.292537	0.508271	274.8858	67.43649	0.863031	100	1.6
1927.86	1325.36	325.0604	20.21637	0.292155	2.322884	496.9981	1443.365	0.274644	0.461538	364.0687	107.5022	1.375292	100	3.6
1928.012	1325.512	325.0647	20.15253	0.299363	2.25223	495.8861	1438.999	0.281592	0.472546	339.289	91.14834	1.169684	100	2.8
1928.165	1325.665	325.0692	20.09122	0.309959	2.035107	493.4972	1439.218	0.291816	0.498376	289.5356	71.67429	0.922523	100	1.8
1928.317	1325.817	325.0735	19.94796	0.301976	2.1547	490.2339	1449.169	0.284152	0.482826	321.5699	82.92467	1.07481	100	2.4
1928.469	1325.969	325.0779	20.03697	0.309562	1.950899	488.5846	1446.158	0.29148	0.502669	284.0753	70.04507	0.903951	100	1.7
1928.622	1326.122	325.0823	20.09892	0.316006	1.849371	488.1059	1443.326	0.297717	0.515388	257.9141	62.98474	0.810403	100	1.3
1928.774	1326.274	325.0867	20.15377	0.315058	1.804928	488.4639	1430.857	0.296826	0.511803	264.0918	64.55599	0.828426	100	1.4
1928.927	1326.427	325.0911	20.18379	0.298737	2.043508	489.3687	1432.17	0.28113	0.472068	340.5861	91.83746	1.176825	100	2.8
1929.079	1326.579	325.0955	20.23129	0.307113	1.862799	489.7174	1433.425	0.289213	0.489126	305.8926	76.99379	0.98437	100	2
1929.231	1326.731	325.0999	20.27739	0.306723	1.851586	489.618	1437.804	0.288861	0.487022	309.2806	78.19506	0.997527	100	2
1929.384	1326.884	325.1043	20.30548	0.311579	1.821939	489.0789	1436.899	0.293564	0.497647	288.1295	71.2486	0.907697	100	1.7
1929.536	1327.036	325.1086	20.41325	0.299828	1.892617	488.8781	1441.759	0.282272	0.471491	339.8068	91.42174	1.15873	100	2.7
1929.689	1327.189	325.113	20.51886	0.309334	1.730355	489.0088	1443.323	0.291446	0.49603	293.2837	72.83122	0.918494	100	1.7

1929.841	1327.341	325.1174	20.69067	0.302846	1.760588	489.4651	1451.561	0.285222	0.482931	319.949	82.2631	1.029083	100	2.1
1929.993	1327.493	325.1218	20.87204	0.299228	1.928349	488.9332	1453.348	0.281765	0.476131	334.1034	88.52666	1.09811	100	2.5
1930.146	1327.646	325.1262	20.95362	0.304243	1.895586	489.788	1460.862	0.286613	0.488746	310.0047	78.45699	0.969539	100	2
1930.298	1327.798	325.1306	20.95337	0.309223	1.873246	490.5946	1464.147	0.291432	0.508381	276.2582	67.8163	0.838064	100	1.5
1930.451	1327.951	325.135	20.99525	0.304681	1.906845	492.1768	1468.188	0.287081	0.514503	273.8133	67.14192	0.828135	100	1.5
1930.603	1328.103	325.1394	21.08282	0.282863	2.21005	494.1455	1471.133	0.266153	0.48971	336.9092	89.91966	1.104625	100	2.8
1930.755	1328.255	325.1437	21.09396	0.2824	2.172243	495.4988	1472.062	0.265733	0.487402	340.6744	91.8849	1.128201	100	2.9
1930.908	1328.408	325.1482	21.13624	0.304522	1.880824	496.4956	1469.775	0.286998	0.517851	269.3092	65.92557	0.807902	100	1.4
1931.06	1328.56	325.1525	21.04661	0.322115	1.740315	494.6207	1464.631	0.303989	0.530795	227.9979	56.02564	0.68942	100	0.9
1931.213	1328.713	325.1569	21.09019	0.32342	1.793521	493.3508	1456.797	0.305273	0.525457	233.5932	57.25429	0.703136	100	0.9
1931.365	1328.865	325.1613	21.00485	0.332774	1.642005	491.9271	1455.661	0.314345	0.542271	197.8705	49.89305	0.615151	100	0.6
1931.517	1329.017	325.1657	21.04257	0.332374	1.576797	491.5544	1453.559	0.313981	0.542802	197.6404	49.8491	0.613548	100	0.5
1931.67	1329.17	325.1701	21.12336	0.327279	1.62931	491.5223	1456.902	0.309073	0.539592	208.8415	52.03754	0.638117	100	0.7
1931.822	1329.322	325.1745	21.10638	0.317206	1.765407	492.1967	1445.56	0.299364	0.524495	243.0746	59.40894	0.729085	100	1.1
1931.975	1329.475	325.1789	21.14679	0.309771	1.82948	491.3746	1438.304	0.292216	0.512281	269.794	66.05493	0.809155	100	1.4
1932.127	1329.627	325.1833	21.14989	0.306321	1.77718	490.3267	1430.952	0.288916	0.505487	283.7241	69.94242	0.856663	100	1.6
1932.279	1329.779	325.1876	21.22517	0.302547	1.797747	488.9554	1432.465	0.285307	0.497164	300.19	75.0553	0.916139	100	1.8
1932.432	1329.932	325.192	21.18324	0.298893	1.888514	488.417	1443.384	0.281816	0.488224	317.3449	81.22604	0.99337	100	2.1
1932.584	1330.084	325.1964	21.11285	0.30068	1.828344	488.3293	1453.301	0.283557	0.48835	314.7683	80.22929	0.984358	100	2.1
1932.737	1330.237	325.2008	21.07987	0.308667	1.676777	488.9669	1457.395	0.291269	0.50093	286.7654	70.83976	0.870481	100	1.5
1932.889	1330.389	325.2052	21.0666	0.317562	1.545391	490.4459	1450.697	0.29987	0.51617	253.8654	61.98254	0.762116	100	1.1
1933.041	1330.541	325.2096	21.03001	0.319873	1.574482	492.8035	1449.746	0.302125	0.518147	248.0245	60.57259	0.746043	100	1
1933.194	1330.694	325.214	21.03636	0.323713	1.530282	494.7094	1452.754	0.305858	0.529483	227.2296	55.85928	0.687797	100	0.8
1933.346	1330.846	325.2184	21.10735	0.333158	1.412539	495.4419	1465.365	0.315019	0.552107	183.3672	47.2	0.579288	100	0.4
1933.499	1330.999	325.2228	21.17908	0.330654	1.4299	495.0109	1471.151	0.312619	0.546695	194.1474	49.18674	0.601697	100	0.5
1933.651	1331.151	325.2271	21.22735	0.320319	1.61737	494.4258	1475.578	0.302648	0.522631	241.1153	58.95588	0.719622	100	1
1933.803	1331.303	325.2315	21.22954	0.320654	1.682899	495.174	1466.951	0.302995	0.522763	240.4535	58.80381	0.717701	100	1
1933.956	1331.456	325.2359	21.23172	0.321302	1.720056	496.6317	1462.337	0.303645	0.525297	236.0609	57.80606	0.705461	100	0.9
1934.108	1331.608	325.2403	21.2339	0.316666	1.858963	496.8698	1458.641	0.299192	0.517689	252.7044	61.69898	0.752903	100	1.2
1934.261	1331.761	325.2447	21.23608	0.311666	1.972785	496.7057	1461.424	0.294392	0.50772	273.0867	66.94347	0.816828	100	1.4
1934.413	1331.913	325.2491	21.27571	0.314226	1.837004	494.823	1464.004	0.296883	0.513491	261.6839	63.93728	0.778749	100	1.3
1934.565	1332.065	325.2535	21.2779	0.313879	1.771287	492.7039	1470.689	0.296572	0.511076	265.4465	64.90769	0.790497	100	1.3
1934.718	1332.218	325.2579	21.321	0.321195	1.612609	489.3253	1470.021	0.303657	0.526174	234.8324	57.53061	0.69929	100	0.9
1934.87	1332.37	325.2623	21.31886	0.314899	1.739551	487.185	1470.708	0.297603	0.513714	260.3828	63.60635	0.773224	100	1.2
1935.023	1332.523	325.2667	21.20752	0.316519	1.762605	487.3311	1460.032	0.299189	0.517912	252.4005	61.62504	0.752953	100	1.1
1935.175	1332.675	325.271	21.02857	0.301368	2.117922	489.5932	1474.434	0.284614	0.484923	318.0392	81.49953	1.004003	100	2.2
1935.327	1332.827	325.2754	20.95555	0.290278	2.329723	492.889	1465.288	0.273983	0.460789	366.0151	109.1598	1.349309	100	3.6
1935.48	1332.98	325.2798	20.91771	0.28566	2.287503	494.511	1455.381	0.269577	0.451075	385.5013	130.6692	1.618034	100	4.6
1935.632	1333.132	325.2842	20.92227	0.296483	2.012112	494.5191	1453.737	0.279987	0.477246	335.0192	88.97497	1.101527	100	2.6
1935.785	1333.285	325.2886	20.92441	0.308327	1.957495	493.031	1449.661	0.291406	0.501781	285.4026	70.4353	0.871925	100	1.6
1935.937	1333.437	325.293	20.92285	0.340028	1.50591	492.1669	1444.95	0.322071	0.565607	155.0044	42.35817	0.524399	100	0.2
1936.089	1333.589	325.2974	20.922	0.356704	1.360551	492.5276	1433.807	0.338292	0.593545	94.06535	33.58572	0.415816	83.4	0
1936.242	1333.742	325.3018	20.81021	0.34984	1.407942	494.1634	1437.675	0.331641	0.575047	128.7704	38.32944	0.477024	98.9	0
1936.394	1333.894	325.3061	20.86854	0.358918	1.34033	495.6291	1439.412	0.340492	0.591144	94.34149	33.62104	0.417296	82.6	0
1936.547	1334.047	325.3106	20.80532	0.342219	1.542206	496.8759	1445.536	0.324289	0.559539	160.3178	43.22498	0.538085	100	0.2
1936.699	1334.199	325.3149	20.80745	0.33095	1.683208	497.8947	1438.774	0.313392	0.53932	203.2579	50.93411	0.633996	100	0.6
1936.851	1334.351	325.3193	20.77596	0.311039	2.002781	498.6331	1443.081	0.294182	0.500202	283.7506	69.95015	0.871986	100	1.6
1937.004	1334.504	325.3237	20.77809	0.304346	2.072308	498.9174	1440.642	0.287758	0.483117	316.1931	80.77695	1.006861	100	2.2
1937.156	1334.656	325.3281	20.84197	0.307066	2.121952	497.709	1451.477	0.2904	0.487264	306.824	77.32013	0.960916	100	2
1937.309	1334.809	325.3325	20.84969	0.308926	2.106069	496.8384	1452.066	0.292215	0.491611	298.3204	74.44063	0.924807	100	1.9
1937.461	1334.961	325.3369	20.85091	0.300578	2.188682	496.8646	1457.525	0.284202	0.478148	327.9567	85.66334	1.064182	100	2.4
1937.613	1335.113	325.3413	20.89837	0.299164	2.08134	498.0059	1463.598	0.282865	0.479869	327.4267	85.42745	1.058925	100	2.4
1937.766	1335.266	325.3457	20.82295	0.30046	2.065598	499.8014	1474.95	0.284135	0.480842	324.3323	84.08226	1.045924	100	2.3
1937.918	1335.418	325.35	20.73337	0.295131	2.360099	500.4785	1480.771	0.279036	0.466663	350.9354	97.9045	1.222983	100	3.1
1938.071	1335.571	325.3544	20.82073	0.305473	2.30536	500.1517	1478.918	0.289005	0.489296	305.9445	77.01189	0.958093	100	2.1
1938.223	1335.723	325.3588	20.80179	0.328265	1.906347	498.6023	1466.847	0.311026	0.539597	206.1412	51.50076	0.641285	100	0.8
1938.375	1335.875	325.3632	20.88303	0.326718	1.947408	496.8395	1459.069	0.309552	0.535894	213.284	52.93383	0.656648	100	0.8
1938.528	1336.028	325.3676	20.92401	0.315653	1.949872	495.6328	1450.366	0.298887	0.514052	258.1449	63.0425	0.78057	100	1.3
1938.68	1336.18	325.372	20.92615	0.306355	2.02814	495.149	1442.182	0.289947	0.494343	297.6798	74.23224	0.919035	100	1.8
1938.833	1336.333	325.3764	20.92829	0.300943	2.061623	495.0556	1423.101	0.284761	0.482708	320.8928	82.64675	1.023121	100	2.3
1938.985	1336.485	325.3808	20.93044	0.305604	2.109064	495.0726	1415.566	0.28927	0.489938	304.693	76.57762	0.947904	100	2
1939.137	1336.637	325.3851	21.02413	0.297671	2.218322	494.9761	1415.608	0.281662	0.469796	342.9889	93.15261	1.148104	100	2.8
1939.29	1336.79	325.3896	21.11678	0.313326	1.829123	494.8823	1406.517	0.296757	0.504437	274.3516	67.28953	0.825824	100	1.4
1939.442	1336.942	325.3939	21.11894	0.315613	1.700731	494.6755	1404.631	0.298987	0.509379	264.4551	64.65003	0.79336	100	1.2
1939.595	1337.095	325.3983	21.12111	0.328449	1.531989	494.6341	1409.3	0.311413	0.535761	210.9011	52.45102	0.643601	100	0.6
1939.747	1337.247	325.4027	21.08608	0.337784	1.43284	494.0891	1419.8	0.320475	0.552735	174.9708	45.71028	0.561797	100	0.3
1939.899	1337.399	325.4071	21.08824	0.336819	1.50107	492.9906	1421.588	0.319563	0.549149	181.1769	46.80662	0.57522	100	0.4
1940.052	1337.552	325.4115	21.00717	0.314386	1.803543	492.2895	1421.821	0.297895	0.503091	274.6386	67.36844	0.831016	100	1.4
1940.204	1337.704	325.4159	20.97527	0.309388	1.875368	492.5923	1416.625	0.2931	0.493483	294.5155	73.21881	0.904524	100	1.7
1940.357	1337.857	325.4203	21.05419	0.294307	2.128475	493.3918	1417.209	0.278615	0.460146	360.5102	104.6447	1.288066	100	3.3
1940.509	1338.009	325.4247	21.13207	0.30482	1.993035	494.5214	1420.132	0.288747	0.483235	314.6657	80.19015	0.983541	100	2.1
1940.661	1338.161	325.429	21.10443	0.312801	1.93527	495.0394	1423.46	0.29646	0.5014	278.9544	68.57215	0.842121	100	1.5
1940.814	1338.314	325.4334	21.10659	0.318675	1.803228	495.2773	1428.067	0.30215	0.514389	253.1763	61.81405	0.759058	100	1.2
1940.966	1338.466	325.4378	21.10875	0.337811	1.516288	495.4081	1436.086	0.320686	0.554615	172.0846	45.20945	0.55511	100	0.3
1941.119	1338.619	325.4422	21.15266	0.351708	1.376496	495.766	1438.307	0.334198	0.583875	113.0586	36.10375	0.442417	90.8	0
1941.271	1338.771	325.4466	21.19878	0.345977	1.500664	496.5639	1440.282	0.328654	0.572148	136.8927	39.53362	0.483431	100	0.1
1941.423	1338.923	325.451	21.08488	0.35046	1.461444	497.4157	1436.134	0.333032	0.579857	120.2132	37.10067	0.456059	96.1	0
1941.576	1339.076	325.4554	21.24906	0.323157	1.86258	498.0993	1445.581	0.306596	0.519804	239.5673	58.60087	0.714965	100	1
1941.728	1339.228	325.4598	21.33843	0.329973	1.803655	498.1686	1459.255	0.313211	0.532186	213.3519	52.94766	0.64338	100	0.7
1941.881	1339.381	325.4642	21.40726	0.324894	1.866616	497.8478	1474.031	0.308321	0.522304	233.7378	57.28646	0.693943	100	0.9

1942.033	1339.533	325.4686	21.40945	0.363903	1.333107	497.1368	1466.244	0.346203	0.605486	66.67015	30.2605	0.36653	71.8	0
1942.185	1339.685	325.4729	21.44629	0.361145	1.353292	496.1527	1450.49	0.34354	0.600638	77.03436	31.47786	0.380646	75.7	0
1942.338	1339.838	325.4773	21.53978	0.35329	1.43819	495.6694	1437.609	0.335921	0.58185	113.4752	36.16106	0.435447	90.9	0
1942.49	1339.99	325.4817	21.54198	0.303536	2.386703	495.5786	1436.479	0.287812	0.471736	331.8232	87.4358	1.052797	100	2.4
1942.643	1340.143	325.4861	21.63722	0.280677	3.851351	495.8203	1434.559	0.265892	0.413088	443.0076	280.1891	3.359386	100	11.3
1942.795	1340.295	325.4905	21.63943	0.301413	3.028594	496.1685	1427.422	0.285815	0.467023	341.0826	92.10504	1.104215	100	2.8
1942.947	1340.447	325.4949	21.59951	0.298334	2.30524	496.1826	1425.333	0.282877	0.467494	344.4883	94.00001	1.128957	100	2.7
1943.1	1340.6	325.4993	21.68549	0.310549	1.981101	495.8679	1425.641	0.294659	0.500879	282.1584	69.48775	0.831372	100	1.5
1943.252	1340.752	325.5037	21.74778	0.307652	2.035662	495.6606	1429.479	0.29189	0.49383	295.707	73.59735	0.878114	100	1.7
1943.405	1340.905	325.5081	21.75	0.322481	1.701293	495.5672	1434.903	0.30622	0.517992	242.5876	59.29594	0.707417	100	0.9
1943.557	1341.057	325.5124	21.75222	0.309685	1.954152	495.5842	1437.265	0.293895	0.482753	308.2265	77.81706	0.928297	100	1.8
1943.709	1341.209	325.5168	21.75444	0.309986	1.840287	495.6013	1439.562	0.294208	0.485888	303.4668	76.15699	0.908413	100	1.7
1943.862	1341.362	325.5212	21.7591	0.307762	1.89725	495.6184	1438.407	0.292089	0.485981	306.2635	77.12342	0.91976	100	1.8
1944.014	1341.514	325.5256	21.76132	0.298356	1.944494	495.6354	1440.746	0.283061	0.472936	336.7236	89.8257	1.07115	100	2.4
1944.167	1341.667	325.53	21.76354	0.311955	1.778667	495.6524	1445.121	0.296176	0.505771	273.3136	67.00534	0.798952	100	1.3
1944.319	1341.819	325.5344	21.76576	0.312004	1.784796	495.6694	1449.093	0.296246	0.507254	271.17	66.42412	0.791952	100	1.3
1944.471	1341.971	325.5388	21.6732	0.310461	1.868567	495.6865	1451.041	0.294781	0.501339	281.3541	69.25608	0.82913	100	1.5
1944.624	1342.124	325.5432	21.58252	0.311082	1.836745	495.8174	1450.675	0.295404	0.503245	277.8652	68.26522	0.820593	100	1.4
1944.776	1342.276	325.5475	21.58472	0.32158	1.716233	496.0647	1453.804	0.305558	0.525289	233.4313	57.21831	0.687741	100	0.9
1944.929	1342.429	325.552	21.58692	0.321576	1.684168	497.0307	1457.177	0.305576	0.524788	234.0977	57.3666	0.689463	100	0.9
1945.081	1342.581	325.5563	21.52288	0.323246	1.731247	498.2855	1457.459	0.307214	0.525996	230.1705	56.49908	0.680996	100	0.9
1945.233	1342.733	325.5607	21.44043	0.325902	1.773198	500.4132	1453.404	0.309804	0.52953	221.7194	54.68245	0.661557	100	0.8
1945.386	1342.886	325.5651	21.52757	0.318926	1.927062	501.0901	1450.022	0.303087	0.514649	251.5251	61.41268	0.74008	100	1.1
1945.538	1343.038	325.5695	21.52977	0.331623	1.728524	500.7632	1448.216	0.315385	0.53881	201.2102	50.53573	0.608949	100	0.6
1945.691	1343.191	325.5739	21.53197	0.331347	1.684956	499.1062	1446.485	0.315142	0.533965	208.233	51.91606	0.625526	100	0.6
1945.843	1343.343	325.5783	21.53416	0.325505	1.806835	497.6765	1453.717	0.309513	0.525268	228.0024	56.0266	0.674994	100	0.9
1945.995	1343.495	325.5827	21.53636	0.307563	2.056479	496.9135	1461.092	0.29222	0.494369	294.5075	73.21628	0.882012	100	1.7
1946.148	1343.648	325.5871	21.58149	0.305015	2.045044	496.5467	1460.957	0.28979	0.492517	300.4168	75.13052	0.903252	100	1.8
1946.3	1343.8	325.5914	21.58369	0.316748	1.806816	496.7846	1456.006	0.301123	0.511927	257.9914	63.00408	0.757396	100	1.2
1946.453	1343.953	325.5958	21.54328	0.332204	1.607103	496.9124	1448.975	0.316087	0.539011	199.9657	50.29523	0.605721	100	0.5
1946.605	1344.105	325.6002	21.50463	0.328768	1.671161	496.9292	1441.439	0.312784	0.531625	214.7157	53.22625	0.64214	100	0.7
1946.757	1344.257	325.6046	21.58549	0.326422	1.795397	496.7192	1431.872	0.310538	0.52769	223.2454	55.00555	0.66121	100	0.8
1946.91	1344.41	325.609	21.4995	0.332759	1.742505	496.0635	1426.215	0.316693	0.541817	195.2572	49.39617	0.596082	100	0.5
1947.062	1344.562	325.6134	21.41382	0.321798	1.881009	495.2975	1422.187	0.306114	0.517515	243.3918	59.4827	0.720586	100	1
1947.215	1344.715	325.6178	21.416	0.31451	1.96283	494.2022	1417.551	0.299101	0.499397	278.0733	68.3237	0.827614	100	1.5
1947.367	1344.867	325.6222	21.3459	0.324157	1.678962	493.7802	1420.729	0.30844	0.518242	239.1795	58.51234	0.711028	100	0.9
1947.519	1345.019	325.6265	21.43622	0.306143	1.936034	494.3625	1425.414	0.291084	0.484286	309.9895	78.45148	0.949446	100	1.9
1947.672	1345.172	325.631	21.27381	0.297583	2.007051	495.7187	1426.547	0.282871	0.470281	340.6501	91.87185	1.12009	100	2.6
1947.824	1345.324	325.6353	21.27598	0.291879	2.15467	496.9614	1426.596	0.277416	0.461867	359.7903	104.0921	1.268965	100	3.2
1947.977	1345.477	325.6397	21.12953	0.325833	1.659555	497.8659	1426.026	0.310152	0.532799	216.7271	53.64004	0.658312	100	0.7
1948.129	1345.629	325.6441	21.17258	0.33548	1.539084	498.1041	1429.983	0.319513	0.548598	182.0061	46.95515	0.57514	100	0.4
1948.281	1345.781	325.6485	21.21415	0.358799	1.313006	497.894	1431.133	0.34218	0.593258	89.09515	32.95637	0.402911	79.6	0
1948.434	1345.934	325.6529	21.21631	0.337808	1.499392	497.2413	1431.315	0.321815	0.54885	178.4823	46.32732	0.566328	100	0.3
1948.586	1346.086	325.6573	21.21847	0.321275	1.708501	496.5917	1431.33	0.305839	0.516033	245.816	60.04997	0.734016	100	1
1948.739	1346.239	325.6617	21.22063	0.310191	1.894139	496.3907	1431.102	0.295167	0.498774	284.3616	70.12891	0.85714	100	1.6
1948.891	1346.391	325.6661	21.31329	0.327749	1.695357	496.9176	1441.257	0.312143	0.543016	199.88	50.27872	0.611943	100	0.6
1949.043	1346.543	325.6704	21.31546	0.330788	1.656605	498.28	1440.236	0.315108	0.552972	182.0492	46.96288	0.571535	100	0.5
1949.196	1346.696	325.6748	21.31763	0.341004	1.500889	500.3037	1443.776	0.32503	0.572266	141.7329	40.26928	0.490031	100	0.1
1949.348	1346.848	325.6792	21.29538	0.342169	1.508465	501.6527	1445.027	0.326182	0.570174	143.0284	40.46852	0.492959	100	0.1
1949.501	1347.001	325.6836	21.26931	0.338105	1.618782	502.0506	1452.275	0.322264	0.56121	160.8055	43.30544	0.528148	100	0.3
1949.653	1347.153	325.688	21.3138	0.33338	1.707718	501.4476	1453.031	0.317709	0.54896	183.9971	47.31375	0.575872	100	0.5
1949.805	1347.305	325.6924	21.35499	0.321984	1.866933	499.8976	1449.881	0.306709	0.524498	232.9345	57.10805	0.693791	100	1
1949.958	1347.458	325.6968	21.40461	0.303306	2.209399	498.1332	1446.211	0.288721	0.481108	317.6358	81.34038	0.985977	100	2.2
1950.11	1347.61	325.7012	21.36082	0.313431	2.011757	496.9279	1440.587	0.298499	0.505073	271.0712	66.39751	0.80645	100	1.4
1950.263	1347.763	325.7056	21.30556	0.301578	2.189531	496.5579	1437.034	0.287104	0.479003	322.7715	83.4234	1.015798	100	2.3
1950.415	1347.915	325.71	21.31844	0.317133	1.842206	496.5748	1416.507	0.302117	0.514058	253.6797	61.9371	0.753738	100	1.2
1950.567	1348.067	325.7143	21.40478	0.305066	1.885774	496.8128	1410.209	0.290507	0.485641	308.9156	78.06374	0.94629	100	1.9
1950.72	1348.22	325.7187	21.49659	0.330763	1.467187	496.6058	1403.112	0.315337	0.533439	208.6893	52.00712	0.627833	100	0.6
1950.872	1348.372	325.7231	21.47079	0.328522	1.49997	496.5092	1399	0.313191	0.522596	226.6139	55.72639	0.673521	100	0.7
1951.025	1348.525	325.7275	21.51686	0.327691	1.549724	496.0225	1395.463	0.312411	0.519003	232.6491	57.04483	0.688035	100	0.8
1951.177	1348.677	325.7319	21.57285	0.331844	1.493491	495.366	1390.463	0.316453	0.533415	207.1822	51.70698	0.622094	100	0.5
1951.329	1348.829	325.7363	21.63256	0.321054	1.635742	494.3334	1388.124	0.30604	0.512353	250.6172	61.1934	0.73427	100	1
1951.482	1348.982	325.7407	21.65179	0.322045	1.517736	494.6914	1385.289	0.307021	0.518977	240.1237	58.72818	0.704092	100	0.9
1951.634	1349.134	325.7451	21.69831	0.32626	1.487502	495.8808	1389.01	0.311118	0.53309	214.9927	53.28302	0.637493	100	0.6
1951.787	1349.287	325.7495	21.6755	0.340213	1.335184	496.8909	1389.928	0.324653	0.561988	156.436	42.58997	0.510081	100	0.1
1951.939	1349.439	325.7538	21.61217	0.325089	1.521075	496.5638	1393.792	0.310032	0.529164	221.9099	54.72268	0.657252	100	0.7
1952.091	1349.591	325.7582	21.56165	0.320899	1.579593	495.125	1395.778	0.306006	0.520162	239.8889	58.6744	0.706318	100	0.9
1952.244	1349.744	325.7626	21.53839	0.332339	1.436351	493.2038	1397.963	0.317093	0.544747	190.6622	48.53507	0.584878	100	0.4
1952.396	1349.896	325.767	21.58445	0.327523	1.502074	493.3468	1397.067	0.312455	0.52911	218.64	54.03685	0.649841	100	0.7
1952.549	1350.049	325.7714	21.63477	0.339674	1.342719	494.9804	1398.342	0.324246	0.546844	177.8954	46.22359	0.554635	100	0.2
1952.701	1350.201	325.7758	21.68114	0.316828	1.609122	496.1083	1398.138	0.302167	0.490864	285.6179	70.49893	0.844174	100	1.4
1952.853	1350.353	325.7802	21.62549	0.30496	1.810027	496.6228	1396.473	0.29075	0.465414	336.494	89.70982	1.076893	100	2.3
1953.006	1350.506	325.7846	21.73096	0.307554	1.854374	496.6399	1396.62	0.293271	0.478632	314.7741	80.2315	0.958606	100	1.9
1953.158	1350.658	325.789	21.76424	0.315744	1.763913	496.6569	1402.378	0.30119	0.505831	266.3113	65.13364	0.777075	100	1.2
1953.311	1350.811	325.7934	21.8344	0.316964	1.687139	496.6739	1408.994	0.30239	0.513221	254.4563	62.12751	0.738918	100	1.1
1953.463	1350.963	325.7977	21.82959	0.321312	1.581603	496.6878	1411.229	0.306612	0.524021	233.7274	57.28416	0.681465	100	0.8
1953.615	1351.115	325.8021	21.83459	0.33395	1.394017	496.309	1401.861	0.318859	0.548874	182.5278	47.04884	0.559586	100	0.3
1953.768	1351.268	325.8065	21.88237	0.349091	1.254384	495.312	1394.156	0.333569	0.577432	122.8196	37.47068	0.444731	89.7	0
1953.92	1351.42	325.8109	21.9266	0.355081	1.169081	493.3203	1387.889	0.339415	0.585515	103.5966	34.82651	0.412547	79.8	0
1954.073	1351.573	325.8153	21.97544	0.359494	1.103383	491.5559	1381.161	0.343731	0.593473	86.65848	32.65216	0.385965	72.4	0

1954.225	1351.725	325.8197	21.94736	0.333997	1.307096	490.4026	1376.462	0.318997	0.546165	186.0766	47.69134	0.564437	100	0.3
1954.377	1351.877	325.8241	21.98731	0.324687	1.414185	489.4706	1366.36	0.310011	0.535482	213.2198	52.92077	0.625237	100	0.6
1954.53	1352.03	325.8285	21.95878	0.2977	1.803148	488.5931	1362.744	0.284019	0.481268	323.9041	83.90023	0.992499	100	2.1
1954.682	1352.182	325.8328	21.96019	0.310148	1.593068	487.7171	1357.658	0.296023	0.50467	275.0434	67.47994	0.798213	100	1.3
1954.835	1352.335	325.8372	21.9653	0.323995	1.38705	486.8464	1362.674	0.309411	0.52947	222.3446	54.81458	0.648257	100	0.6
1954.987	1352.487	325.8416	21.88481	0.333656	1.299755	486.6513	1378.843	0.318782	0.548869	182.6422	47.06941	0.558641	100	0.3
1955.139	1352.639	325.846	21.78044	0.339798	1.271092	487.9702	1392.417	0.324757	0.559438	159.811	43.14154	0.514397	100	0.1
1955.292	1352.792	325.8504	21.84355	0.320257	1.515367	491.0008	1407.488	0.305868	0.515844	246.0383	60.10232	0.714637	100	0.9
1955.444	1352.944	325.8548	21.98833	0.31652	1.553608	494.2398	1407.384	0.302283	0.503609	267.8692	65.54346	0.774389	100	1.1
1955.597	1353.097	325.8592	22.16121	0.312622	1.589187	495.1314	1407.213	0.298546	0.493733	286.6555	70.80701	0.830292	100	1.4
1955.749	1353.249	325.8636	22.21997	0.315953	1.537302	494.0034	1403.659	0.301782	0.499617	274.0702	67.21232	0.78614	100	1.2
1955.901	1353.401	325.8679	22.18221	0.310151	1.630564	489.7726	1398.811	0.29621	0.490146	294.8301	73.31843	0.858974	100	1.5
1956.054	1353.554	325.8724	22.03174	0.321022	1.490338	484.3747	1392.742	0.306722	0.513404	248.2257	60.62049	0.714892	100	0.9
1956.206	1353.706	325.8767	21.99717	0.332116	1.383585	479.7508	1379.917	0.317474	0.537599	200.0004	50.30191	0.594111	100	0.4
1956.359	1353.859	325.8811	21.90973	0.335147	1.294653	480.7997	1369.788	0.320432	0.539242	193.6506	49.09329	0.582075	100	0.3
1956.511	1354.011	325.8855	21.94756	0.329956	1.257007	485.1338	1367.61	0.315429	0.521618	224.876	55.35317	0.65521	100	0.6
1956.663	1354.163	325.8899	21.98207	0.336381	1.11378	491.1629	1375.478	0.321674	0.534805	198.0593	49.92915	0.590117	100	0.3
1956.816	1354.316	325.8943	21.92329	0.338879	1.072328	495.6335	1386.5	0.324118	0.548156	176.2627	45.93631	0.544335	100	0.1
1956.968	1354.468	325.8987	21.88073	0.323986	1.222788	498.1416	1387.917	0.309723	0.52554	227.3361	55.88231	0.663443	100	0.6
1957.121	1354.621	325.9031	21.90819	0.318726	1.311523	497.872	1389.809	0.304665	0.518038	244.669	59.78075	0.708874	100	0.8
1957.273	1354.773	325.9075	21.97685	0.323705	1.274991	496.8701	1390.047	0.309498	0.531463	219.4742	54.21091	0.640896	100	0.6
1957.425	1354.925	325.9118	22.00758	0.323418	1.334631	494.2487	1391.839	0.309244	0.530209	221.5554	54.64786	0.645198	100	0.6
1957.578	1355.078	325.9162	22.13162	0.310085	1.55494	489.5701	1399.43	0.296399	0.503939	275.5343	67.61554	0.793994	100	1.3
1957.73	1355.23	325.9206	22.05587	0.2968	1.838031	484.024	1406.667	0.283636	0.469932	340.076	91.56479	1.078795	100	2.4
1957.883	1355.383	325.925	21.94146	0.265355	2.443724	481.8971	1401.968	0.253553	0.413889	458.9306	322.5542	3.819412	100	13.4
1958.035	1355.535	325.9294	21.90417	0.262417	2.405684	483.7939	1405.296	0.250774	0.422272	451.1964	302.3932	3.586602	100	12.7
1958.187	1355.687	325.9338	21.87467	0.278136	1.929906	489.4931	1406.729	0.265809	0.463145	374.0444	116.8202	1.387389	100	3.8
1958.34	1355.84	325.9382	21.89546	0.299705	1.624559	494.2953	1414.452	0.28652	0.49561	300.6607	75.21162	0.892425	100	1.7
1958.492	1355.992	325.9426	21.80954	0.309614	1.680862	496.6441	1405.53	0.296082	0.505311	274.0768	67.21413	0.800572	100	1.3
1958.645	1356.145	325.947	21.84194	0.303491	2.016385	497.2657	1409.899	0.290208	0.485112	310.059	78.47668	0.933388	100	1.9
1958.797	1356.297	325.9514	21.85014	0.298316	2.254624	497.003	1398.567	0.285254	0.477625	327.2278	85.33938	1.014654	100	2.3
1958.949	1356.449	325.9557	21.85346	0.304365	2.106374	496.7406	1406.065	0.291096	0.494447	295.9507	73.67523	0.875852	100	1.8
1959.102	1356.602	325.9601	21.90124	0.313349	1.928677	496.2083	1407.139	0.299775	0.516576	253.4356	61.87739	0.734057	100	1.2
1959.254	1356.754	325.9645	21.82675	0.314028	1.893789	496.7778	1409.64	0.300452	0.513537	256.6949	62.68072	0.746045	100	1.2
1959.407	1356.907	325.9689	21.82411	0.314611	1.846449	496.6779	1406.561	0.301037	0.50864	262.6456	64.18341	0.764027	100	1.2
1959.559	1357.059	325.9733	21.80135	0.334785	1.519927	495.9584	1406.364	0.320563	0.548855	180.2033	46.63286	0.555674	100	0.3
1959.711	1357.211	325.9777	21.81113	0.336866	1.51557	493.9661	1402.526	0.322602	0.555151	168.7016	44.62955	0.531578	100	0.3
1959.864	1357.364	325.9821	21.88806	0.345156	1.451812	492.3182	1400.358	0.330666	0.576891	127.5727	38.15502	0.452923	97.8	0
1960.016	1357.516	325.9865	22.007	0.324311	1.680515	491.7302	1398.917	0.310496	0.538693	208.119	51.89334	0.612797	100	0.6
1960.169	1357.669	325.9909	21.9931	0.327922	1.588136	492.3676	1396.181	0.314011	0.548628	189.5582	48.33053	0.571078	100	0.5
1960.321	1357.821	325.9952	21.9674	0.316259	1.694314	493.8374	1387.638	0.302765	0.521797	242.1046	59.18412	0.700122	100	1
1960.473	1357.973	325.9996	21.94832	0.296016	2.180579	495.2362	1385.912	0.283295	0.470543	339.7038	91.3672	1.081752	100	2.6
1960.626	1358.126	326.004	21.75774	0.294595	2.259509	494.9125	1384.28	0.281953	0.457298	359.8336	104.1251	1.243239	100	3.1
1960.778	1358.278	326.0084	21.69342	0.306976	2.104992	493.8668	1392.478	0.293884	0.486226	303.4476	76.15045	0.91184	100	1.9
1960.931	1358.431	326.0128	21.51834	0.314361	1.839166	492.6583	1401.336	0.301026	0.510312	260.3544	63.59915	0.767547	100	1.2
1961.083	1358.583	326.0172	21.44994	0.30589	1.908633	491.8425	1402.383	0.292884	0.496557	290.5711	71.99066	0.871511	100	1.7
1961.235	1358.735	326.0216	21.42852	0.326206	1.522542	491.5251	1401.394	0.312511	0.536555	208.2885	51.92713	0.629239	100	0.6
1961.388	1358.888	326.026	21.48925	0.328738	1.432671	491.4313	1393.712	0.314983	0.537759	203.2165	50.92602	0.615426	100	0.5
1961.54	1359.04	326.0304	21.55543	0.333413	1.312137	491.4453	1409.917	0.319532	0.550414	179.4738	46.5031	0.560312	100	0.3
1961.693	1359.193	326.0348	21.60168	0.316185	1.532054	491.0691	1412.79	0.302899	0.521371	242.5073	59.27733	0.712756	100	0.9
1961.845	1359.345	326.0391	21.51501	0.313945	1.589608	490.4688	1413.002	0.300762	0.520036	247.2989	60.40027	0.729096	100	1
1961.997	1359.497	326.0435	21.42845	0.306953	1.649415	489.4906	1418.677	0.294045	0.505784	276.236	67.81012	0.821749	100	1.4
1962.15	1359.65	326.0479	21.43061	0.302179	1.680444	489.8484	1430.083	0.289473	0.489877	304.498	76.51041	0.927102	100	1.8
1962.302	1359.802	326.0523	21.43277	0.311644	1.555199	490.9312	1427.723	0.298611	0.507912	266.9985	65.31398	0.791362	100	1.2
1962.455	1359.955	326.0567	21.43493	0.310337	1.555649	492.4056	1417.254	0.297374	0.504481	273.44	67.03985	0.812202	100	1.3
1962.607	1360.107	326.0611	21.4371	0.31415	1.579432	494.313	1411.039	0.301074	0.515589	253.0063	61.77257	0.748322	100	1.1
1962.759	1360.259	326.0655	21.46384	0.306441	1.658052	495.4818	1417.207	0.293667	0.502375	281.4623	69.28717	0.838351	100	1.5
1962.912	1360.412	326.0699	21.33471	0.296145	1.909637	494.1904	1415.999	0.283785	0.480948	324.6683	84.22579	1.025087	100	2.3
1963.064	1360.564	326.0742	21.33127	0.27678	2.264773	489.8485	1409.772	0.265244	0.433397	415.876	197.5099	2.404233	100	7.6
1963.217	1360.717	326.0786	21.39912	0.280875	2.310558	485.4123	1410.943	0.269186	0.441321	399.5014	154.4032	1.873755	100	5.6
1963.369	1360.869	326.083	21.42003	0.290821	2.075237	482.4837	1414.714	0.278741	0.463017	356.374	101.577	1.231532	100	3.1
1963.521	1361.021	326.0874	21.51774	0.293771	1.952157	481.3929	1409.484	0.281597	0.471323	340.971	92.04469	1.111066	100	2.6
1963.674	1361.174	326.0918	21.43444	0.290846	2.023565	481.3812	1394.096	0.278811	0.464335	354.4591	100.2401	1.214557	100	3
1963.826	1361.326	326.0962	21.45761	0.299233	2.042787	484.3161	1383.256	0.286891	0.484952	314.8568	80.26305	0.971498	100	2.1
1963.979	1361.479	326.1006	21.42115	0.30458	2.074896	489.4347	1378.347	0.292057	0.495018	293.8371	73.00488	0.885111	100	1.8
1964.131	1361.631	326.105	21.38294	0.326162	1.64271	496.3993	1381.666	0.312904	0.53529	209.4927	52.16789	0.633585	100	0.7
1964.283	1361.783	326.1094	21.34155	0.356383	1.295022	500.0252	1389.53	0.342238	0.592304	90.33245	33.11193	0.402907	80	0
1964.436	1361.936	326.1138	21.25493	0.348448	1.443444	500.6988	1410.36	0.334548	0.573995	126.2111	37.9577	0.4637	98.3	0
1964.588	1362.088	326.1181	21.29091	0.351677	1.431364	499.8318	1424.336	0.337708	0.579847	113.7741	36.20223	0.441535	92.4	0
1964.741	1362.241	326.1225	21.18225	0.339424	1.576776	500.3065	1440.21	0.325837	0.553805	166.0949	44.18792	0.541616	100	0.3
1964.893	1362.393	326.1269	21.11924	0.338035	1.606731	501.8653	1440.856	0.324513	0.55109	171.6683	45.13767	0.554864	100	0.3
1965.045	1362.545	326.1313	21.05365	0.332694	1.764298	500.9539	1450.862	0.319361	0.542386	190.7896	48.55873	0.598728	100	0.6
1965.198	1362.698	326.1357	20.94293	0.334842	1.748346	496.1588	1435.557	0.321465	0.550309	176.9527	46.0575	0.570809	100	0.5
1965.35	1362.85	326.1401	20.7408	0.315985	2.022328	489.4308	1424.835	0.303255	0.516771	248.3644	60.65353	0.758828	100	1.2
1965.503	1363.003	326.1445	20.66192	0.309015	2.101986	484.9577	1401.15	0.296557	0.51107	265.4749	64.9151	0.815168	100	1.5
1965.655	1363.155	326.1489	20.60148	0.309871	1.98092	483.4753	1380.475	0.297405	0.516534	256.7646	62.69805	0.789583	100	1.4
1965.807	1363.307	326.1532	20.57171	0.305904	1.87304	483.6514	1358.008	0.293606	0.509132	272.2221	66.70846	0.841279	100	1.5
1965.96	1363.46	326.1576	20.53469	0.298875	1.811353	482.8304	1348.136	0.286866	0.493283	303.394	76.13215	0.961819	100	2
1966.112	1363.612	326.162	20.51019	0.303337	1.65355	482.1349	1347.73	0.291181	0.50639	279.3517	68.68464	0.868749	100	1.6
1966.265	1363.765	326.1664	20.50409	0.308285	1.627079	482.8428	1348.893	0.295968	0.520971	252.6249	61.67963	0.780381	100	1.2

1966.417	1363.917	326.1708	20.46297	0.312722	1.612923	485.9473	1344.346	0.300267	0.529079	235.502	57.68055	0.73122	100	1
1966.569	1364.069	326.1752	20.44046	0.325108	1.436119	490.6905	1338.056	0.31225	0.549355	190.9852	48.59509	0.61671	100	0.5
1966.722	1364.222	326.1796	20.34517	0.324189	1.373453	493.4718	1329.27	0.311384	0.538749	206.8167	51.63448	0.65828	100	0.6
1966.874	1364.374	326.184	20.27313	0.322048	1.449032	492.595	1313.678	0.309338	0.532284	218.5616	54.02053	0.691092	100	0.8
1967.027	1364.527	326.1884	20.19146	0.311715	1.700129	484.9614	1295.892	0.299387	0.510144	262.8471	64.23513	0.825019	100	1.4
1967.179	1364.679	326.1928	20.132	0.299062	1.850529	477.9595	1270.671	0.287228	0.486676	312.0119	79.19312	1.020077	100	2.2
1967.331	1364.831	326.1971	20.06939	0.290263	1.928112	472.5094	1252.313	0.2788	0.470209	346.3685	95.09349	1.22863	100	3
1967.484	1364.984	326.2015	20.01268	0.287783	1.762668	468.2327	1229.295	0.276444	0.465063	356.7213	101.825	1.319256	100	3.3
1967.636	1365.136	326.2059	19.93692	0.291935	1.640428	463.9555	1215.187	0.28045	0.473191	339.9746	91.51082	1.190039	100	2.8
1967.789	1365.289	326.2103	19.85655	0.276991	1.728935	461.1048	1209.154	0.266153	0.445267	398.2407	151.8669	1.982763	100	5.9
1967.941	1365.441	326.2147	19.79874	0.255582	2.068498	462.426	1215.951	0.245752	0.408626	476.9574	366.7117	4.801477	100	17.7
1968.093	1365.593	326.2191	19.80073	0.252355	1.951092	466.0673	1221.191	0.242706	0.410729	478.2597	369.7572	4.84093	100	18
1968.246	1365.746	326.2235	19.86349	0.264514	1.717619	469.254	1224.893	0.254305	0.437516	425.2867	228.8799	2.987315	100	10
1968.398	1365.898	326.2279	19.92125	0.275204	1.57476	470.5388	1223.367	0.264536	0.458625	382.0389	126.0541	1.6406	100	4.6
1968.551	1366.051	326.2323	19.86269	0.272164	1.658028	469.8069	1222.049	0.261653	0.452959	393.8353	143.6825	1.875442	100	5.6
1968.703	1366.203	326.2366	20.01025	0.280786	1.441759	466.3347	1212.361	0.269922	0.47435	352.9051	99.19093	1.285393	100	3.2
1968.855	1366.355	326.241	19.82818	0.272876	1.600223	459.5884	1205.714	0.262379	0.456581	387.836	134.0256	1.752408	100	5.1
1969.008	1366.508	326.2454	19.7601	0.260017	1.850301	451.813	1199.239	0.250134	0.432461	438.02	266.212	3.492532	100	12.2
1969.16	1366.66	326.2498	19.7064	0.23911	2.371611	448.0276	1205.685	0.230298	0.396187	515.4507	449.4884	5.912784	100	23.7
1969.313	1366.813	326.2542	19.66739	0.229045	2.349994	449.9795	1209.73	0.220801	0.389184	538.2214	492.286	6.488403	100	27.3
1969.465	1366.965	326.2586	19.64323	0.246239	1.756915	456.076	1213.029	0.237102	0.429223	460.4719	326.4816	4.308302	100	16.3
1969.617	1367.117	326.263	19.57025	0.284921	1.269563	462.2193	1215.289	0.274019	0.494585	319.3262	82.01225	1.086209	100	2.4
1969.77	1367.27	326.2674	19.49989	0.307962	1.134974	465.5731	1228.647	0.296181	0.521922	251.018	61.29007	0.814632	100	1.1
1969.922	1367.422	326.2718	19.43371	0.304315	1.209499	467.3241	1249.583	0.292692	0.507225	276.1147	67.77643	0.90386	100	1.5
1970.075	1367.575	326.2762	19.44894	0.297905	1.289361	469.3006	1266.834	0.286549	0.500033	294.5173	73.21938	0.975709	100	1.8
1970.227	1367.727	326.2805	19.45467	0.301043	1.270602	471.9467	1280.143	0.289589	0.519335	263.6846	64.45077	0.858621	100	1.4
1970.379	1367.879	326.2849	19.41698	0.295645	1.388397	475.1349	1291.216	0.284423	0.50726	287.4777	71.05275	0.948384	100	1.8
1970.532	1368.032	326.2893	19.42241	0.296053	1.365745	476.9501	1304.922	0.284838	0.496101	302.3045	75.76253	1.010983	100	2
1970.684	1368.184	326.2937	19.4773	0.302137	1.33049	480.2475	1315.366	0.29071	0.486314	307.7072	77.63228	1.033083	100	2
1970.837	1368.337	326.2981	19.54665	0.310755	1.255146	481.843	1303.539	0.299032	0.49362	286.1411	70.65398	0.936963	100	1.6
1970.989	1368.489	326.3025	19.59225	0.325141	1.12996	477.9833	1287.682	0.312943	0.525741	222.6169	54.87223	0.726026	100	0.7
1971.141	1368.641	326.3069	19.71065	0.307917	1.254549	465.7918	1251.368	0.296343	0.496551	285.8067	70.55481	0.928046	100	1.6
1971.294	1368.794	326.3113	19.78985	0.278034	1.534034	447.9728	1227.879	0.267675	0.452851	385.6747	130.9114	1.715227	100	4.8
1971.446	1368.946	326.3156	19.73334	0.228572	2.562374	435.5327	1205.955	0.220673	0.374001	559.3508	528.6113	6.945446	100	29.5
1971.599	1369.099	326.3201	19.78245	0.220371	2.615545	434.1144	1199.414	0.212961	0.387627	551.1899	514.9365	6.749414	100	29.7
1971.751	1369.251	326.3244	19.8777	0.233621	2.032693	442.5277	1198.269	0.22549	0.415481	495.4604	408.3	5.326683	100	21.7
1971.903	1369.403	326.3288	20.01469	0.258107	1.512185	452.8596	1206.609	0.248747	0.449412	416.5413	199.7526	2.588571	100	8.7
1972.056	1369.556	326.3332	20.12166	0.271732	1.509137	461.3384	1209.751	0.261764	0.467119	374.1412	116.9215	1.507322	100	4.2
1972.208	1369.708	326.3376	20.29589	0.267702	1.677935	467.4798	1209.286	0.257939	0.457532	392.6504	141.6478	1.810812	100	5.5
1972.361	1369.861	326.342	20.39017	0.269914	1.683621	471.1451	1201.369	0.260074	0.456403	391.2626	139.3473	1.773391	100	5.3
1972.513	1370.013	326.3464	20.42093	0.285896	1.477494	470.4009	1192.506	0.275386	0.477068	341.6129	92.39322	1.174121	100	2.8
1972.665	1370.165	326.3508	20.46861	0.303949	1.304254	465.1472	1182.099	0.292749	0.503421	281.2858	69.23646	0.87786	100	1.5
1972.818	1370.318	326.3552	20.50605	0.275015	1.717694	457.1445	1172.886	0.265015	0.461078	377.9919	121.1519	1.533389	100	4.3
1972.97	1370.47	326.3595	20.56734	0.208621	3.292205	451.8418	1173.782	0.202117	0.365997	596.003	585.2069	7.385399	100	34.7
1973.123	1370.623	326.3639	20.75782	0.179255	1.720685	452.0152	1183.055	0.174713	0.355718	648.0052	654.7163	8.188917	100	44.7
1973.275	1370.775	326.3683	20.82869	0.190766	3.93099	457.7542	1204.908	0.185454	0.37969	600.1013	591.099	7.368836	100	38
1973.427	1370.927	326.3727	20.83097	0.261956	1.756866	465.901	1212.897	0.252641	0.484511	362.7304	106.4022	1.326317	100	3.8
1973.58	1371.08	326.3771	20.80438	0.29703	1.424439	472.7276	1234.908	0.286231	0.516746	271.8916	66.61895	0.831455	100	1.4
1973.732	1371.232	326.3815	20.78287	0.313257	1.348684	477.8222	1252.645	0.301876	0.530971	230.671	56.6088	0.707239	100	0.9
1973.885	1371.385	326.3859	20.78674	0.300583	1.554133	482.3045	1285.924	0.289693	0.500165	289.9968	71.81489	0.897062	100	1.7
1974.037	1371.537	326.3903	20.5806	0.302026	1.534179	486.7811	1307.735	0.291103	0.499146	289.4565	71.65024	0.903736	100	1.7
1974.189	1371.689	326.3946	20.80545	0.317212	1.448538	490.748	1332.295	0.30576	0.524305	234.5104	57.45867	0.717122	100	0.9
1974.342	1371.842	326.399	20.98199	0.323408	1.477643	492.7064	1350.067	0.311767	0.532807	214.4871	53.17943	0.658293	100	0.7
1974.494	1371.994	326.4034	21.11972	0.311396	1.723546	493.11	1364.783	0.300195	0.507079	265.962	65.04225	0.80005	100	1.3
1974.647	1372.147	326.4078	21.21545	0.32581	1.52486	493.0164	1375.426	0.314135	0.540605	200.4589	50.3904	0.617118	100	0.6
1974.799	1372.299	326.4122	21.24865	0.313913	1.710578	493.0362	1384.365	0.302668	0.517876	247.6493	60.48341	0.739609	100	1.1
1974.951	1372.451	326.4166	21.34001	0.318376	1.607608	493.3911	1391.634	0.306997	0.529147	226.1205	55.62013	0.677323	100	0.8
1975.104	1372.604	326.421	21.42893	0.308585	1.701017	493.967	1401.14	0.297577	0.513429	260.8116	63.71515	0.77279	100	1.2
1975.256	1372.756	326.4254	21.51347	0.321961	1.444068	494.6536	1400.398	0.310505	0.545435	198.8022	50.07148	0.605003	100	0.5
1975.409	1372.909	326.4298	21.57787	0.31784	1.470639	495.2903	1404.113	0.306548	0.533622	220.5651	54.43946	0.655886	100	0.7
1975.561	1373.061	326.4342	21.61966	0.320027	1.501858	496.65	1407.023	0.308682	0.529412	223.4304	55.04488	0.661946	100	0.7
1975.713	1373.213	326.4385	21.62461	0.317328	1.558628	498.1076	1417.919	0.306099	0.51446	247.6291	60.47862	0.727136	100	1
1975.866	1373.366	326.4429	21.62934	0.325466	1.521515	498.2778	1420.615	0.313984	0.528544	217.3111	53.76084	0.646238	100	0.7
1976.018	1373.518	326.4473	21.63387	0.3376	1.366899	496.7101	1409.774	0.325754	0.552107	168.5526	44.6042	0.536066	100	0.2
1976.171	1373.671	326.4517	21.69429	0.355074	1.207919	492.6511	1405.974	0.342741	0.58517	99.48296	34.28545	0.410946	80.4	0
1976.323	1373.823	326.4561	21.78462	0.324046	1.501527	488.6059	1398.505	0.312679	0.526631	221.7523	54.68941	0.652887	100	0.7
1976.475	1373.975	326.4605	21.7903	0.296233	1.886266	486.6465	1397.312	0.285897	0.477892	325.9713	84.78814	1.011963	100	2.2
1976.628	1374.128	326.4649	21.83932	0.272074	2.199216	488.6875	1395.149	0.262772	0.433816	418.7086	207.3871	2.46986	100	8
1976.78	1374.28	326.4693	21.90087	0.286528	1.817207	492.5559	1399.093	0.276628	0.465536	355.813	101.1802	1.201737	100	3
1976.933	1374.433	326.4737	21.93357	0.293363	1.672551	495.9022	1415.148	0.283209	0.472584	337.0066	89.96909	1.067052	100	2.4
1977.085	1374.585	326.478	21.96046	0.314892	1.537734	496.6963	1429.374	0.303953	0.51313	252.4264	61.63135	0.730103	100	1
1977.237	1374.737	326.4824	21.9171	0.329914	1.446495	496.7777	1438.889	0.318491	0.5381	197.9048	49.89962	0.592261	100	0.5
1977.39	1374.89	326.4868	22.01773	0.330658	1.508015	497.9055	1444.306	0.319233	0.534926	201.2599	50.54536	0.597283	100	0.5
1977.542	1375.042	326.4912	21.92908	0.339857	1.527265	498.5808	1444.203	0.328168	0.556697	158.8869	42.98979	0.509989	100	0.2
1977.695	1375.195	326.4956	21.93127	0.331452	1.789157	497.8551	1443.923	0.320047	0.54379	187.9045	48.02583	0.569683	100	0.5
1977.847	1375.347	326.5	21.97235	0.337349	1.729146	495.0178	1448.705	0.325782	0.558293	159.9766	43.16879	0.511149	100	0.3
1977.999	1375.499	326.5044	22.00056	0.350449	1.40301	491.6224	1444.053	0.338518	0.578888	113.9801	36.23064	0.428469	90.1	0
1978.152	1375.652	326.5088	21.96659	0.365863	1.114404	486.9522	1446.258	0.353539	0.607628	53.58995	28.79116	0.341001	63.1	0
1978.304	1375.804	326.5132	21.93154	0.350609	1.232401	482.9073	1441.638	0.338719	0.575493	118.387	36.84362	0.437052	87.5	0
1978.457	1375.957	326.5176	21.88035	0.349005	1.248379	481.0581	1439.785	0.337183	0.57775	117.3925	36.70438	0.436389	88.1	0

1978.609	1376.109	326.5219	21.88254	0.348118	1.247148	482.9946	1432.083	0.336344	0.579313	116.3938	36.56508	0.434695	88	0
1978.761	1376.261	326.5263	21.88472	0.338823	1.279774	487.717	1424.215	0.327347	0.560856	154.28	42.24138	0.502133	100	0.1
1978.914	1376.414	326.5307	21.97661	0.335671	1.291949	493.9783	1422.168	0.324314	0.550724	172.4465	45.27193	0.535989	100	0.2
1979.066	1376.566	326.5351	21.91301	0.328666	1.390197	498.5501	1424.065	0.317555	0.528239	212.8044	52.83628	0.627306	100	0.5
1979.219	1376.719	326.5395	21.91664	0.323233	1.49804	500.4406	1419.153	0.312324	0.512886	241.211	58.97793	0.700118	100	0.8
1979.371	1376.871	326.5439	22.10031	0.339945	1.320469	499.6165	1418.918	0.328526	0.552905	163.6258	43.77372	0.515465	100	0.1
1979.523	1377.023	326.5483	21.9913	0.330028	1.462914	497.965	1423.212	0.318941	0.538876	196.213	49.57729	0.586606	100	0.4
1979.676	1377.176	326.5527	21.86283	0.33877	1.37975	497.5043	1434.029	0.327432	0.564063	149.7372	41.51631	0.494021	100	0.1
1979.828	1377.328	326.557	21.80674	0.32314	1.580949	499.6482	1443.26	0.312325	0.527761	220.682	54.46401	0.64971	100	0.7
1979.981	1377.481	326.5615	21.738	0.339583	1.418201	502.4509	1450.561	0.328265	0.557819	157.2044	42.71491	0.511116	100	0.2
1980.133	1377.633	326.5658	21.74016	0.340222	1.459957	504.8573	1459.59	0.328908	0.559606	153.8519	42.17251	0.504583	100	0.1
1980.285	1377.785	326.5702	21.74233	0.325893	1.723632	505.6968	1473.486	0.315054	0.535614	206.0783	51.48832	0.615991	100	0.6
1980.438	1377.938	326.5746	21.7445	0.302562	2.203626	504.8635	1487.674	0.292571	0.49408	294.4213	73.18907	0.875536	100	1.8
1980.59	1378.09	326.579	21.74666	0.310268	2.007305	502.2513	1492.544	0.300015	0.517191	252.2561	61.58996	0.736717	100	1.2
1980.743	1378.243	326.5834	21.74883	0.307585	1.962246	499.0277	1488.793	0.297453	0.514471	259.5454	63.39458	0.758237	100	1.3
1980.895	1378.395	326.5878	21.73982	0.308546	1.879712	495.5493	1488.241	0.298401	0.515809	256.3912	62.60529	0.749105	100	1.2
1981.047	1378.547	326.5922	21.74199	0.301785	2.080453	494.958	1481.675	0.291915	0.494185	295.1821	73.43017	0.878554	100	1.8
1981.2	1378.7	326.5966	21.77286	0.321301	1.732437	495.2699	1455.236	0.310752	0.530278	219.378	54.19081	0.647482	100	0.8
1981.352	1378.852	326.6009	21.72647	0.33061	1.563094	497.3968	1419.785	0.319777	0.548111	182.3153	47.01064	0.562858	100	0.4
1981.505	1379.005	326.6053	21.64099	0.311161	1.838873	498.1355	1394.866	0.301012	0.509741	261.161	63.804	0.766853	100	1.3
1981.657	1379.157	326.6097	21.6347	0.295113	2.10143	498.3046	1386.972	0.285592	0.480534	322.7461	83.41278	1.00282	100	2.3
1981.809	1379.309	326.6141	21.63685	0.296998	2.060637	496.7564	1387.172	0.287425	0.489696	307.5722	77.58441	0.932669	100	2
1981.962	1379.462	326.6185	21.63901	0.309777	1.76871	495.1517	1390.755	0.299745	0.518564	250.7332	61.22134	0.735899	100	1.1
1982.114	1379.614	326.6229	21.7303	0.295106	2.218809	492.7697	1397.805	0.285653	0.493957	304.1392	76.38706	0.914472	100	2
1982.267	1379.767	326.6273	21.73246	0.280714	2.663421	490.7381	1401.978	0.271873	0.470824	355.077	100.6661	1.205027	100	3.3
1982.419	1379.919	326.6317	21.73462	0.272738	2.823631	490.9452	1399.399	0.264267	0.465876	372.4022	115.1356	1.378116	100	4.1
1982.571	1380.071	326.636	21.69555	0.271369	2.750175	494.0366	1399.816	0.262982	0.466541	373.2588	116.0061	1.390969	100	4.2
1982.724	1380.224	326.6405	21.60565	0.291036	2.33397	497.7241	1399.865	0.281835	0.502174	298.0668	74.35798	0.895188	100	2
1982.876	1380.376	326.6448	21.61016	0.313056	1.994159	499.7987	1408.945	0.303042	0.534939	223.5859	55.07795	0.66295	100	1
1983.029	1380.529	326.6492	21.56278	0.322598	1.877628	500.1995	1432.467	0.312276	0.544961	197.0135	49.72953	0.599853	100	0.7
1983.181	1380.681	326.6536	21.51965	0.300876	2.226189	500.1057	1438.973	0.291357	0.496685	292.5019	72.58716	0.877277	100	1.8
1983.333	1380.833	326.658	21.5269	0.313285	1.894905	500.0121	1450.275	0.303332	0.522816	239.9158	58.68056	0.70898	100	1.1
1983.486	1380.986	326.6624	21.5575	0.308983	1.963966	500.029	1442.355	0.299207	0.51164	261.0316	63.77107	0.769433	100	1.3
1983.638	1381.138	326.6668	21.60293	0.312922	1.890567	500.0459	1444.305	0.303027	0.521259	242.4861	59.27244	0.713705	100	1.1
1983.791	1381.291	326.6712	21.59879	0.290315	2.3617	500.0627	1438.912	0.281302	0.482049	326.5752	85.05196	1.024319	100	2.5
1983.943	1381.443	326.6756	21.59216	0.297717	2.13598	500.0796	1447.456	0.288433	0.504483	285.777	70.54603	0.849879	100	1.7
1984.095	1381.595	326.6799	21.59401	0.284919	2.365269	500.0935	1465.34	0.276173	0.475467	342.7375	93.01257	1.120455	100	2.9
1984.248	1381.748	326.6843	21.61564	0.307081	1.911641	499.7133	1466.274	0.297487	0.512126	262.7338	64.20604	0.772702	100	1.3
1984.4	1381.9	326.6887	21.60175	0.321846	1.778974	498.7143	1466.157	0.311754	0.534004	212.8538	52.84632	0.636394	100	0.8
1984.553	1382.053	326.6931	21.59208	0.334648	1.647309	496.099	1447.052	0.324161	0.556738	164.3595	43.89639	0.52885	100	0.3
1984.705	1382.205	326.6975	21.61502	0.312302	1.969684	492.8167	1441.191	0.302586	0.518398	247.0419	60.33939	0.726211	100	1.2
1984.857	1382.357	326.7019	21.48549	0.31235	1.974273	488.5339	1444.878	0.302655	0.529983	230.9596	56.67217	0.686063	100	1
1985.01	1382.51	326.7063	21.5369	0.305883	1.959576	485.0954	1442.045	0.296447	0.524204	247.5013	60.44829	0.730092	100	1.2
1985.162	1382.662	326.7107	21.4591	0.304765	1.801276	482.1086	1426.089	0.295393	0.520711	253.7759	61.96064	0.750994	100	1.2
1985.315	1382.815	326.7151	21.39972	0.303588	1.695071	480.5621	1410.149	0.294283	0.515152	262.9796	64.26918	0.781078	100	1.3
1985.467	1382.967	326.7194	21.2837	0.300774	1.736789	479.1536	1399.589	0.291597	0.505718	279.7046	68.78479	0.840384	100	1.6
1985.619	1383.119	326.7238	21.17462	0.296227	1.766007	480.8323	1390.704	0.287249	0.491855	304.8368	76.62726	0.94089	100	1.9
1985.772	1383.272	326.7282	21.09531	0.300308	1.677913	480.7692	1405.718	0.291195	0.498488	290.2386	71.88879	0.885939	100	1.7
1985.924	1383.424	326.7326	21.20659	0.303741	1.550985	477.7454	1398.759	0.294521	0.503265	279.0563	68.60095	0.841121	100	1.5
1986.077	1383.577	326.737	21.31872	0.309419	1.467945	471.6961	1368.861	0.300011	0.519421	249.1837	60.84917	0.742276	100	1.1
1986.229	1383.729	326.7414	21.188	0.294399	1.695721	468.4234	1344.812	0.285583	0.481299	321.7023	82.97924	1.018302	100	2.2
1986.381	1383.881	326.7458	21.29972	0.315049	1.390048	472.1508	1326.582	0.305485	0.509637	255.1321	62.29384	0.760572	100	1
1986.534	1384.034	326.7502	21.14165	0.304269	1.249593	479.2995	1318.578	0.295119	0.474731	317.607	81.32902	1.000196	100	1.9
1986.686	1384.186	326.7546	21.05925	0.297803	0.971807	484.3833	1311.366	0.288922	0.49671	295.8285	73.63618	0.909039	100	1.5
1986.839	1384.339	326.759	21.2585	0.253066	1.440434	481.2897	1303.422	0.246172	0.433081	442.6303	279.144	3.414707	100	12.2
1986.991	1384.491	326.7633	21.27172	0.243299	1.818334	473.548	1291.993	0.23692	0.430019	459.6245	324.3259	3.965055	100	15.1
1987.143	1384.643	326.7677	21.3843	0.247826	1.845349	465.7082	1278.618	0.241238	0.42226	464.3719	336.2886	4.090352	100	15.3
1987.296	1384.796	326.7721	21.49701	0.264361	1.550616	460.3286	1258.802	0.256994	0.456818	394.9396	145.6401	1.762467	100	5.4
1987.448	1384.948	326.7765	21.51905	0.264238	1.494128	457.105	1244.668	0.256899	0.455175	397.3373	150.1048	1.814713	100	5.5
1987.601	1385.101	326.7809	21.48075	0.267704	1.421525	454.1031	1221.166	0.260229	0.457335	389.7618	136.9558	1.658624	100	4.8
1987.753	1385.253	326.7853	21.45594	0.247713	1.699281	450.784	1209.095	0.241221	0.408016	484.0523	383.0807	4.644603	100	17.5
1987.905	1385.405	326.7897	21.46631	0.237314	1.816235	448.8197	1208.092	0.231385	0.390663	521.5742	461.4032	5.59165	100	22.4
1988.058	1385.558	326.7941	21.38204	0.218397	2.090321	450.3785	1216.318	0.213548	0.363426	583.7755	567.1367	6.899342	100	30.6
1988.21	1385.71	326.7984	21.33873	0.222473	1.885833	456.4527	1225.044	0.21741	0.378365	557.8305	526.0961	6.412737	100	27.7
1988.363	1385.863	326.8029	21.39592	0.2428	1.613781	464.8265	1233.439	0.23665	0.416752	478.3059	369.865	4.49675	100	17.3
1988.515	1386.015	326.8072	21.48298	0.269689	1.410473	471.7419	1243.085	0.262258	0.460492	382.6054	126.7813	1.535343	100	4.3
1988.667	1386.167	326.8116	21.47873	0.275758	1.515875	475.3065	1250.437	0.26808	0.46939	362.2918	106.0485	1.284525	100	3.3
1988.82	1386.32	326.816	21.47432	0.261184	1.909678	475.7591	1259.579	0.254191	0.435837	427.7615	236.3274	2.863144	100	9.8
1988.972	1386.472	326.8204	21.44871	0.268634	1.821323	474.6489	1267.38	0.261319	0.447598	401.6952	159.0414	1.929062	100	6
1989.125	1386.625	326.8248	21.45854	0.262345	1.966668	472.0857	1280.76	0.255343	0.438379	422.6639	220.8823	2.677986	100	9.1
1989.277	1386.777	326.8292	21.49687	0.260044	2.020698	468.5366	1280.824	0.253173	0.438922	424.9097	227.737	2.756349	100	9.5
1989.429	1386.929	326.8336	21.52656	0.267634	1.892123	465.7094	1285.651	0.260432	0.459524	386.4602	132.0226	1.595779	100	4.8
1989.582	1387.082	326.838	21.44939	0.282105	1.562726	463.4283	1282.406	0.274289	0.484816	332.4359	87.72546	1.06406	100	2.5
1989.734	1387.234	326.8423	21.4976	0.278593	1.573484	466.6307	1291.311	0.27095	0.469835	357.7178	102.5458	1.241131	100	3.2
1989.887	1387.387	326.8467	21.54595	0.268084	1.75718	470.4009	1306.612	0.260929	0.448515	400.9669	157.4688	1.90175	100	5.9
1990.039	1387.539	326.8511	21.44181	0.26769	1.961973	475.8358	1325.663	0.260575	0.447859	402.3612	160.5087	1.947606	100	6.1
1990.191	1387.691	326.8555	21.57393	0.29118	1.680309	481.3856	1343.581	0.28308	0.496269	304.4985	76.5106	0.922876	100	1.9
1990.344	1387.844	326.8599	21.61212	0.319586	1.403046	486.8038	1365.998	0.31045	0.549948	192.6505	48.90573	0.5889	100	0.5
1990.496	1387.996	326.8643	21.74879	0.312492	1.560003	491.1023	1391.198	0.303627	0.528921	231.0842	56.69956	0.678603	100	0.9
1990.649	1388.149	326.8687	21.8402	0.27984	2.188886	492.9453	1414.232	0.272278	0.45382	377.9841	121.1429	1.444029	100	4.1

1990.801	1388.301	326.8731	21.9602	0.27372	2.234946	492.9482	1420.137	0.266447	0.433969	413.4273	189.6395	2.24859	100	7.1
1990.953	1388.453	326.8774	22.03587	0.302649	1.789698	491.1068	1417.563	0.294213	0.495274	290.5079	71.97128	0.850553	100	1.6
1991.106	1388.606	326.8819	22.12019	0.32286	1.594012	487.0447	1402.065	0.313726	0.538868	203.421	50.96599	0.600102	100	0.6
1991.258	1388.758	326.8862	22.10832	0.296627	1.994847	483.1149	1390.836	0.288468	0.490516	305.0017	76.68427	0.9034	100	1.9
1991.411	1388.911	326.8906	22.02379	0.273229	2.059105	480.9756	1380.935	0.266068	0.45019	391.563	139.8379	1.653523	100	4.9
1991.563	1389.063	326.895	22.16016	0.268871	1.923111	481.7242	1383.224	0.261928	0.440935	410.0481	179.6998	2.112264	100	6.7
1991.715	1389.215	326.8994	22.05162	0.280284	1.664425	482.9043	1377.071	0.272861	0.456792	373.079	115.8219	1.367902	100	3.6
1991.868	1389.368	326.9038	22.22295	0.305176	1.449731	483.3758	1384.177	0.29678	0.503988	274.9404	67.45155	0.790706	100	1.3
1992.02	1389.52	326.9082	22.39664	0.309415	1.385127	484.7317	1382.613	0.300886	0.511872	258.3949	63.10517	0.734227	100	1
1992.173	1389.673	326.9126	22.326	0.309637	1.429485	485.9814	1378.535	0.301122	0.516822	251.237	61.34298	0.715909	100	1
1992.325	1389.825	326.917	22.42214	0.311224	1.402133	487.502	1380.502	0.302674	0.521402	242.7751	59.33942	0.689669	100	0.9
1992.477	1389.977	326.9213	22.24927	0.317664	1.37384	488.812	1387.734	0.30891	0.535446	214.7897	53.24141	0.623439	100	0.6
1992.63	1390.13	326.9257	22.11045	0.299016	1.597316	490.7194	1394.025	0.290967	0.492962	298.178	74.3942	0.876419	100	1.7
1992.782	1390.282	326.9301	21.97918	0.300154	1.591375	492.0739	1403.993	0.292084	0.493228	296.27	73.7775	0.874178	100	1.6
1992.935	1390.435	326.9345	22.02161	0.302186	1.589464	492.8094	1412.294	0.29406	0.49455	291.7172	72.34368	0.855601	100	1.5
1993.087	1390.587	326.9389	22.07663	0.311822	1.459514	492.648	1411.664	0.303364	0.512153	254.5868	62.1596	0.733392	100	1
1993.239	1390.739	326.9433	22.19364	0.292763	1.72933	491.4333	1400.226	0.28505	0.469904	338.1649	90.56234	1.063072	100	2.4
1993.392	1390.892	326.9477	22.35813	0.282793	1.8223	489.6718	1389.757	0.27551	0.459338	365.9099	109.0684	1.27123	100	3.3
1993.544	1391.044	326.9521	22.40415	0.27752	1.860677	489.2531	1382.474	0.270485	0.458518	373.9748	116.7473	1.358048	100	3.7
1993.697	1391.197	326.9565	22.40174	0.297124	1.516931	490.1047	1376.854	0.289305	0.503692	285.6644	70.51269	0.820323	100	1.5
1993.849	1391.349	326.9609	22.40574	0.297506	1.567788	490.447	1372.106	0.289695	0.496968	294.4049	73.18388	0.85126	100	1.6
1994.001	1391.501	326.9652	22.35337	0.304834	1.519136	489.7237	1366.398	0.296766	0.508858	268.2389	65.64126	0.765259	100	1.2
1994.154	1391.654	326.9696	22.42433	0.291129	1.787554	487.2747	1362.142	0.283615	0.481489	324.1568	84.00752	0.976397	100	2.1
1994.306	1391.806	326.974	22.50948	0.287598	1.848618	484.1153	1361.598	0.28025	0.479655	331.3314	87.20508	1.009875	100	2.3
1994.459	1391.959	326.9784	22.51076	0.275563	1.988072	481.3524	1361.236	0.268748	0.458696	376.1262	119.0527	1.378624	100	3.9
1994.611	1392.111	326.9828	22.54908	0.273988	1.977975	480.2184	1364.087	0.267266	0.458436	378.5317	121.7774	1.40788	100	4
1994.763	1392.263	326.9872	22.5228	0.27865	1.906395	481.5919	1363.068	0.271747	0.467615	359.6806	104.0086	1.203817	100	3.2
1994.916	1392.416	326.9916	22.49636	0.293052	1.683315	484.9534	1361.185	0.285574	0.498111	298.5157	74.50437	0.863314	100	1.7
1995.068	1392.568	326.996	22.53406	0.310179	1.463862	487.6946	1355.703	0.302072	0.532338	228.5143	56.13776	0.64945	100	0.8
1995.221	1392.721	327.0004	22.56549	0.316125	1.520145	488.8511	1349.593	0.307828	0.540564	209.2181	52.11288	0.602084	100	0.6
1995.373	1392.873	327.0047	22.56647	0.323251	1.507947	486.0083	1358.235	0.314732	0.544741	193.9268	49.14524	0.567779	100	0.5
1995.525	1393.025	327.0091	22.56632	0.330992	1.474508	482.0249	1381.473	0.322243	0.551756	173.8819	45.52067	0.525913	100	0.3
1995.678	1393.178	327.0135	22.5642	0.306824	1.652797	480.5779	1404.824	0.298929	0.508886	265.2153	64.84749	0.749276	100	1.2
1995.83	1393.33	327.0179	22.53583	0.288947	1.755808	484.4095	1421.177	0.281769	0.487475	318.4431	81.65964	0.944684	100	2.1
1995.983	1393.483	327.0223	22.53805	0.286163	1.705949	490.4403	1419.453	0.279122	0.486174	323.891	83.89467	0.970458	100	2.2
1996.135	1393.635	327.0267	22.54027	0.297445	1.69519	494.0196	1409.055	0.289974	0.498628	291.7302	72.34769	0.836816	100	1.6
1996.287	1393.787	327.0311	22.58198	0.315988	1.757626	489.9825	1394.721	0.307853	0.527015	227.882	56.00051	0.646588	100	0.8
1996.44	1393.94	327.0355	22.58475	0.30298	2.163819	481.0614	1377.927	0.295342	0.498042	285.1313	70.35524	0.812242	100	1.6
1996.592	1394.092	327.0398	22.48836	0.304269	2.058298	472.8258	1369.452	0.296604	0.495813	286.4636	70.74984	0.820179	100	1.6
1996.745	1394.245	327.0443	22.46599	0.304524	1.624916	471.4015	1364.756	0.296872	0.481025	306.5017	77.2069	0.895902	100	1.7
1996.897	1394.397	327.0486	22.56287	0.314926	1.250048	478.4213	1369.23	0.306919	0.49515	273.1459	66.95961	0.773785	100	1.1
1997.049	1394.549	327.053	22.59753	0.323136	1.080922	489.096	1369.845	0.314869	0.514949	234.852	57.53499	0.663898	100	0.6
1997.202	1394.702	327.0574	22.56306	0.330851	1.140099	497.8387	1370.192	0.322353	0.5399	190.0918	48.42929	0.559655	100	0.2
1997.354	1394.854	327.0618	22.53009	0.326703	1.453075	502.3554	1376.471	0.318362	0.53627	200.6074	50.41909	0.583477	100	0.5
1997.507	1395.007	327.0662	22.49294	0.319511	1.872013	503.585	1386.484	0.311434	0.525139	225.5297	55.49322	0.643226	100	0.8
1997.659	1395.159	327.0706	22.3304	0.305182	2.421282	503.1476	1398.641	0.29764	0.499422	280.0553	68.88455	0.804059	100	1.6
1997.811	1395.311	327.075	22.33276	0.30768	2.457506	501.6625	1413.374	0.300068	0.512429	258.7546	63.19544	0.737584	100	1.4
1997.964	1395.464	327.0794	22.32215	0.300966	2.698648	500.672	1418.9	0.293628	0.502473	281.3805	69.26365	0.808788	100	1.7
1998.116	1395.616	327.0837	22.44534	0.303814	2.434042	499.4558	1418.975	0.296391	0.510896	265.9446	65.03771	0.755429	100	1.5
1998.269	1395.769	327.0881	22.44756	0.321019	2.014119	497.7939	1412.669	0.313003	0.546065	194.4866	49.25065	0.572009	100	0.6
1998.421	1395.921	327.0925	22.42341	0.325395	1.879061	495.8081	1413.618	0.317254	0.553798	177.9474	46.23278	0.537522	100	0.5
1998.573	1396.073	327.0969	22.34372	0.30984	2.161813	494.8276	1416.319	0.302261	0.521305	243.4791	59.503	0.694194	100	1.2
1998.726	1396.226	327.1013	22.26575	0.308039	2.144291	494.5702	1421.104	0.300549	0.516927	251.8834	61.49948	0.719918	100	1.2
1998.878	1396.378	327.1057	22.35063	0.31163	2.018614	494.9222	1419.349	0.304032	0.52497	235.9782	57.78748	0.673992	100	1
1999.031	1396.531	327.1101	22.4631	0.316985	1.891973	495.3717	1412.476	0.309219	0.537773	211.1515	52.50152	0.609389	100	0.7
1999.183	1396.683	327.1145	22.52285	0.30794	2.077546	494.3626	1403.734	0.300521	0.517023	251.7898	61.4768	0.711748	100	1.2
1999.335	1396.835	327.1188	22.55218	0.32052	1.761446	490.4388	1389.388	0.312677	0.540212	203.013	50.8863	0.588404	100	0.6
1999.488	1396.988	327.1233	22.50104	0.318048	1.73601	483.4881	1372.95	0.310313	0.526391	225.3485	55.45436	0.642636	100	0.8
1999.64	1397.14	327.1276	22.51357	0.313613	1.669704	477.9625	1358.933	0.306055	0.507484	257.3162	62.8354	0.727788	100	1.1
1999.793	1397.293	327.132	22.45047	0.306375	1.646643	476.9472	1352.329	0.299103	0.483993	299.3272	74.77043	0.86838	100	1.6
1999.945	1397.445	327.1364	22.36064	0.30511	1.529688	479.7068	1347.681	0.297907	0.489139	293.8761	73.01717	0.851312	100	1.5
2000.097	1397.597	327.1408	22.32897	0.290014	1.740681	483.2848	1346.231	0.28342	0.474308	334.3347	88.63932	1.034876	100	2.3
2000.25	1397.75	327.1452	22.42064	0.292081	1.853872	484.9619	1345.802	0.285426	0.493356	305.2802	76.78074	0.892898	100	1.9
2000.402	1397.902	327.1496	22.40889	0.297058	1.840065	485.1447	1348.254	0.29023	0.506918	279.9363	68.85068	0.801091	100	1.5
2000.555	1398.055	327.154	22.40231	0.302642	1.573089	485.1061	1352.574	0.295621	0.520065	254.3529	62.10212	0.722782	100	1.1
2000.707	1398.207	327.1584	22.44054	0.296187	1.540486	485.0645	1363.19	0.289437	0.507688	279.9683	68.85979	0.800123	100	1.4
2000.859	1398.359	327.1627	22.38931	0.283344	1.707297	484.6259	1364.673	0.277138	0.481421	333.189	88.08493	1.02578	100	2.4
2001.012	1398.512	327.1671	22.37413	0.280885	1.871225	483.4243	1365.186	0.274806	0.471554	350.024	97.32495	1.134137	100	2.9
2001.164	1398.664	327.1715	22.3702	0.289862	1.732301	483.2261	1363.12	0.283431	0.487995	315.4314	80.48312	0.938046	100	2
2001.317	1398.817	327.1759	22.31501	0.289961	1.721258	483.9801	1361.311	0.283549	0.486611	317.1799	81.16134	0.948217	100	2
2001.469	1398.969	327.1803	22.31721	0.290834	1.689188	486.1143	1361.184	0.284409	0.48845	313.4549	79.73178	0.931436	100	2
2001.621	1399.121	327.1847	22.3194	0.286861	1.821644	487.6872	1365.162	0.280621	0.482994	326.2116	84.89285	0.991645	100	2.3
2001.774	1399.274	327.1891	22.32159	0.2979	1.641764	488.481	1369.384	0.29124	0.508841	275.8884	67.71363	0.790905	100	1.4
2001.926	1399.426	327.1935	22.35187	0.316873	1.404484	488.6637	1383.589	0.309537	0.547763	196.9263	49.71292	0.579901	100	0.5
2002.079	1399.579	327.1979	22.44898	0.31707	1.392745	488.687	1392.158	0.309749	0.543936	201.914	50.67228	0.58863	100	0.5
2002.231	1399.731	327.2023	22.45122	0.328053	1.329168	489.2133	1405.257	0.320385	0.560769	164.0078	43.83754	0.509191	100	0.2
2002.383	1399.883	327.2066	22.41714	0.320351	1.412083	490.5846	1407.458	0.312962	0.541669	200.6092	50.41944	0.586507	100	0.5
2002.536	1400.036	327.211	22.38632	0.314154	1.527989	493.6674	1416.494	0.307003	0.530305	224.515	55.27599	0.643862	100	0.7
2002.688	1400.188	327.2154	22.32623	0.31157	1.542632	496.8104	1426.253	0.304533	0.526831	232.7167	57.0598	0.666373	100	0.8
2002.841	1400.341	327.2198	22.29271	0.305502	1.702499	499.1523	1436.968	0.29871	0.514487	257.7887	62.95337	0.736275	100	1.2

2002.993	1400.493	327.2242	22.31693	0.300281	1.836558	499.2642	1450.218	0.293709	0.502099	281.7854	69.38015	0.810598	100	1.5
2003.145	1400.645	327.2286	22.38178	0.305526	1.889119	497.3798	1461.532	0.298778	0.514668	257.4449	62.86752	0.732461	100	1.2
2003.298	1400.798	327.233	22.42708	0.296681	2.026697	494.9393	1480.924	0.290292	0.495594	295.4765	73.52385	0.854956	100	1.8
2003.45	1400.95	327.2374	22.33174	0.292461	2.026125	492.6765	1487.695	0.286261	0.486346	313.8021	79.86262	0.9325	100	2.1
2003.603	1401.103	327.2418	22.33393	0.29682	1.845417	491.7603	1488.508	0.29047	0.49346	298.1763	74.39366	0.868569	100	1.7
2003.755	1401.255	327.2461	22.2863	0.308232	1.615109	492.505	1483.842	0.301473	0.513985	254.6678	62.17952	0.72747	100	1.1
2003.907	1401.407	327.2505	22.37549	0.314668	1.479891	493.388	1474.675	0.3077	0.521367	235.887	57.76698	0.673252	100	0.8
2004.06	1401.56	327.2549	22.40695	0.325045	1.390352	490.8983	1463.092	0.317744	0.541199	194.6584	49.28306	0.573602	100	0.4
2004.212	1401.712	327.2593	22.26567	0.323243	1.428761	483.0309	1421.287	0.316025	0.539853	198.8888	50.08809	0.586548	100	0.5
2004.365	1401.865	327.2637	22.1433	0.319194	1.507866	473.1178	1385.647	0.312135	0.535166	210.7245	52.41542	0.617084	100	0.6
2004.517	1402.017	327.2681	22.04865	0.308471	1.599918	465.6061	1347.624	0.301815	0.515543	252.0455	61.53882	0.727506	100	1.1
2004.669	1402.169	327.2725	22.17159	0.320171	1.373751	464.711	1322.127	0.313124	0.54453	196.4372	49.61989	0.583464	100	0.5
2004.822	1402.322	327.2769	22.29655	0.318078	1.292416	468.9863	1294.087	0.311125	0.544783	198.8464	50.07996	0.585692	100	0.5
2004.974	1402.474	327.2813	22.18669	0.310335	1.358766	474.7545	1291.729	0.303678	0.530606	228.6878	56.17548	0.660128	100	0.8
2005.127	1402.627	327.2857	22.1498	0.297297	1.582208	480.2875	1298.707	0.291152	0.50175	285.7948	70.5513	0.830403	100	1.5
2005.279	1402.779	327.29	22.12973	0.296872	1.590295	485.1603	1320.612	0.290767	0.500298	288.3313	71.30941	0.84007	100	1.5
2005.431	1402.931	327.2944	22.11659	0.309348	1.421814	489.6881	1335.951	0.302794	0.526601	235.4355	57.66564	0.679734	100	0.9
2005.584	1403.084	327.2988	21.97315	0.299363	1.584607	492.378	1354.417	0.293205	0.503439	280.6316	69.049	0.819061	100	1.5
2005.736	1403.236	327.3032	22.0339	0.310579	1.57178	494.1087	1388.803	0.304025	0.525035	235.8971	57.76924	0.68344	100	0.9
2005.889	1403.389	327.3076	22.10202	0.314992	1.574732	493.7906	1401.42	0.308303	0.532958	219.06	54.12439	0.638418	100	0.7
2006.041	1403.541	327.312	22.01444	0.319755	1.579917	493.703	1414.237	0.312923	0.542675	199.2743	50.16215	0.593963	100	0.6
2006.193	1403.693	327.3164	22.06914	0.314867	1.67731	494.2267	1418.752	0.308227	0.532162	220.2637	54.37621	0.642325	100	0.8
2006.346	1403.846	327.3208	22.0374	0.295343	2.034128	495.3552	1427.768	0.289453	0.493381	299.6884	74.88942	0.88588	100	1.9
2006.498	1403.998	327.3251	22.12159	0.299951	1.995015	496.0381	1443.188	0.293905	0.507768	273.6917	67.10865	0.790927	100	1.5
2006.651	1404.151	327.3295	22.23832	0.288751	2.235377	496.2274	1455.95	0.283171	0.484475	320.6496	82.5475	0.967961	100	2.3
2006.803	1404.303	327.3339	22.27779	0.29815	2.06832	496.6829	1466.367	0.292218	0.500001	286.7385	70.83173	0.829168	100	1.7
2006.955	1404.455	327.3383	22.31812	0.298498	1.94235	496.2486	1473.399	0.292575	0.49596	291.8214	72.37593	0.845774	100	1.7
2007.108	1404.608	327.3427	22.34273	0.320659	1.617224	495.5344	1472.198	0.313952	0.538429	203.7146	51.02343	0.595624	100	0.6
2007.26	1404.76	327.3471	22.33833	0.315858	1.738273	493.9972	1474.082	0.30934	0.52666	226.3197	55.66301	0.649914	100	0.8
2007.413	1404.913	327.3515	22.32608	0.32044	1.770541	493.5233	1475.279	0.313785	0.54107	200.3004	50.35979	0.588312	100	0.6
2007.565	1405.065	327.3559	22.27362	0.289891	2.418578	494.5005	1474.897	0.284398	0.489625	311.8487	79.13269	0.926554	100	2.2
2007.717	1405.217	327.3602	22.36131	0.28134	2.500334	497.1465	1472.069	0.276224	0.484401	330.3372	86.7435	1.011832	100	2.6
2007.87	1405.37	327.3647	22.33571	0.291478	2.171591	500.2746	1469.633	0.285965	0.506195	286.8188	70.85569	0.827429	100	1.8
2008.022	1405.522	327.369	22.34254	0.295722	2.003778	501.5724	1469.97	0.290063	0.505793	281.7189	69.36099	0.809743	100	1.6
2008.175	1405.675	327.3734	22.31821	0.313281	1.72912	502.3048	1469.129	0.306988	0.530401	224.4039	55.25227	0.645719	100	0.8
2008.327	1405.827	327.3778	22.30148	0.330965	1.505545	501.9345	1478.713	0.324097	0.558925	161.4299	43.40868	0.507678	100	0.2
2008.479	1405.979	327.3822	22.33977	0.326552	1.561178	501.7211	1484.726	0.319849	0.545429	185.9165	47.66216	0.556507	100	0.4
2008.632	1406.132	327.3866	22.33327	0.316594	1.775564	500.6258	1493.421	0.310251	0.530946	219.149	54.14297	0.632362	100	0.8
2008.784	1406.284	327.391	22.33545	0.323121	1.741909	500.3662	1497.135	0.316576	0.550218	183.8237	47.28242	0.552187	100	0.5
2008.937	1406.437	327.3954	22.33764	0.320063	1.787035	500.4505	1499.383	0.313645	0.547377	191.7906	48.74507	0.569221	100	0.6
2009.089	1406.589	327.3998	22.38977	0.307495	1.843274	501.6898	1499.686	0.301544	0.515136	252.9806	61.76631	0.719662	100	1.2
2009.241	1406.741	327.4041	22.34642	0.326489	1.446128	502.3731	1502.88	0.3199	0.545225	186.1274	47.7006	0.556824	100	0.4
2009.394	1406.894	327.4085	22.27874	0.319827	1.503489	502.6697	1508.088	0.313484	0.526068	221.4192	54.61914	0.639463	100	0.7
2009.546	1407.046	327.4129	22.34452	0.320842	1.512315	503.1284	1509.126	0.314486	0.528007	217.3595	53.77087	0.627748	100	0.7
2009.699	1407.199	327.4173	22.28071	0.301591	1.846112	502.8044	1511.91	0.295951	0.490409	294.824	73.3165	0.858309	100	1.7
2009.851	1407.351	327.4217	22.28289	0.300526	1.931271	501.8657	1509.272	0.294949	0.487892	299.6804	74.88678	0.876618	100	1.8
2010.003	1407.503	327.4261	22.3035	0.314071	1.773051	500.264	1507.63	0.308016	0.514814	244.4938	59.73975	0.698691	100	1
2010.156	1407.656	327.4305	22.32038	0.322151	1.674121	498.8494	1502.645	0.31584	0.531118	211.1988	52.51107	0.613705	100	0.7
2010.308	1407.808	327.4349	22.40961	0.316877	1.707608	499.6494	1501.362	0.310769	0.523462	228.7611	56.19143	0.6542	100	0.8
2010.461	1407.961	327.4393	22.43755	0.310417	1.81936	500.6053	1500.287	0.30456	0.50979	256.196	62.55689	0.727441	100	1.1
2010.613	1408.113	327.4437	22.52575	0.31363	1.718826	500.4937	1499.337	0.30768	0.517274	241.5633	59.05912	0.68418	100	1
2010.765	1408.265	327.448	22.69195	0.308757	1.761841	498.3246	1492.15	0.303006	0.507901	260.9497	63.75026	0.733317	100	1.2
2010.918	1408.418	327.4524	22.85359	0.306241	1.8132	495.3888	1474.808	0.300604	0.509917	261.481	63.88553	0.729873	100	1.2
2011.07	1408.57	327.4568	22.7785	0.296555	2.03541	493.3079	1468.922	0.291309	0.494578	295.4759	73.52368	0.84266	100	1.7
2011.223	1408.723	327.4612	22.81009	0.304949	1.872824	494.0525	1465.892	0.299405	0.517117	253.2002	61.81988	0.707584	100	1.1
2011.375	1408.875	327.4656	22.96729	0.312341	1.726734	495.0123	1461.536	0.306549	0.531901	222.9396	54.94063	0.624708	100	0.8
2011.527	1409.027	327.47	22.94104	0.324501	1.536398	495.1273	1443.727	0.318311	0.552739	177.9509	46.23339	0.526285	100	0.3
2011.68	1409.18	327.4744	22.97589	0.332146	1.494837	493.6237	1428.384	0.325729	0.567891	146.8036	41.0548	0.466658	100	0.1
2011.832	1409.332	327.4788	22.99931	0.325197	1.57912	490.4032	1419.306	0.319029	0.559005	168.3142	44.56364	0.506051	100	0.3
2011.985	1409.485	327.4832	23.03452	0.303675	1.859905	487.6341	1415.015	0.29829	0.523298	246.209	60.14256	0.681963	100	1.1
2012.137	1409.637	327.4875	23.09904	0.299383	1.841719	485.6483	1408.802	0.294183	0.513225	265.7764	64.99376	0.734999	100	1.3
2012.289	1409.789	327.4919	23.05682	0.278084	2.208223	484.4304	1401.437	0.273777	0.462096	364.4961	107.8602	1.221924	100	3.3
2012.442	1409.942	327.4963	23.03492	0.287183	1.896493	482.9065	1397.783	0.282514	0.477006	331.8635	87.45477	0.991671	100	2.3
2012.594	1410.094	327.5007	22.98619	0.267796	2.239571	483.7052	1397.95	0.26399	0.441903	405.8681	168.7243	1.917127	100	6.1
2012.747	1410.247	327.5051	22.90604	0.282784	1.830799	484.5581	1392.012	0.278343	0.488787	321.3609	82.83862	0.944431	100	2.2
2012.899	1410.399	327.5095	22.86808	0.276148	1.985456	485.3943	1391.922	0.272013	0.485427	334.7327	88.83408	1.014412	100	2.5
2013.051	1410.551	327.5139	22.78698	0.290568	1.720061	484.2347	1379.161	0.28585	0.514176	275.9643	67.73468	0.776133	100	1.4
2013.204	1410.704	327.5183	22.85122	0.269606	2.119569	482.3503	1359.95	0.265807	0.464642	371.9801	114.713	1.310885	100	3.8
2013.356	1410.856	327.5227	22.91245	0.300642	1.627396	480.1458	1349.058	0.295572	0.524846	247.8234	60.52478	0.689875	100	1
2013.509	1411.009	327.5271	22.97866	0.29876	1.705052	479.3892	1346.89	0.293785	0.515669	262.9536	64.26251	0.730454	100	1.2
2013.661	1411.161	327.5314	23.04759	0.314329	1.516845	479.7499	1347.401	0.308799	0.542151	205.688	51.41125	0.582702	100	0.6
2013.813	1411.313	327.5358	22.97685	0.299241	1.706145	481.2153	1346.335	0.294291	0.516631	260.9268	63.74444	0.724635	100	1.2
2013.966	1411.466	327.5402	22.91089	0.292589	1.746531	482.5631	1346.828	0.287923	0.509678	279.3102	68.67286	0.782831	100	1.5
2014.118	1411.618	327.5446	22.827	0.270056	2.166274	482.6259	1350.581	0.26637	0.467317	367.5128	110.4845	1.263928	100	3.6
2014.271	1411.771	327.549	22.84519	0.276938	1.982146	481.3526	1354.601	0.272969	0.476182	346.1718	94.97739	1.085706	100	2.8
2014.423	1411.923	327.5534	22.96006	0.296329	1.712887	479.7047	1361.836	0.291581	0.511235	272.1139	66.67914	0.758559	100	1.3
2014.575	1412.075	327.5578	22.86643	0.306964	1.535934	479.2393	1372.531	0.301835	0.526762	236.5364	57.9131	0.661437	100	0.9
2014.728	1412.228	327.5622	22.8683	0.297296	1.703588	480.8343	1382.673	0.292555	0.511033	271.0488	66.39149	0.758218	100	1.3
2014.88	1412.38	327.5665	22.82739	0.291244	1.687456	484.2025	1393.593	0.286765	0.497599	297.5775	74.19908	0.848855	100	1.7
2015.033	1412.533	327.571	22.95079	0.295121	1.72756	487.776	1401.647	0.29051	0.502655	285.4322	70.44402	0.801732	100	1.5

2015.185	1412.685	327.5753	22.95303	0.316447	1.547178	489.5188	1409.409	0.311066	0.532377	216.0494	53.50022	0.608841	100	0.6
2015.337	1412.837	327.5797	22.84077	0.330798	1.539685	490.6545	1417.091	0.324958	0.555711	164.6772	43.94961	0.502525	100	0.2
2015.49	1412.99	327.5841	22.73134	0.328679	1.5439	491.7914	1420.464	0.32293	0.548085	177.9994	46.24197	0.531193	100	0.3
2015.642	1413.142	327.5885	22.71557	0.31469	1.791359	493.4115	1416.047	0.309437	0.513892	243.8063	59.57921	0.684866	100	1
2015.795	1413.295	327.5929	22.75769	0.315997	1.753948	493.017	1405.198	0.31072	0.514587	241.0759	58.94683	0.676395	100	0.9
2015.947	1413.447	327.5973	22.72767	0.318078	1.752486	489.9496	1389.436	0.312751	0.521374	228.9086	56.22354	0.645973	100	0.8
2016.099	1413.599	327.6017	22.61547	0.328967	1.583295	485.7831	1370.551	0.323297	0.552137	171.9004	45.17768	0.521551	100	0.3
2016.252	1413.752	327.6061	22.47186	0.32112	1.606034	482.1203	1365.816	0.315733	0.542512	195.6222	49.46526	0.574574	100	0.5
2016.404	1413.904	327.6104	22.53815	0.309321	1.714962	479.4741	1357.74	0.304372	0.526711	233.1064	57.14619	0.661916	100	0.9
2016.557	1414.057	327.6148	22.48587	0.283384	2.008429	478.5817	1363.94	0.279472	0.480898	330.689	86.9061	1.008889	100	2.4
2016.709	1414.209	327.6192	22.48022	0.275133	2.098049	482.4044	1375.949	0.271598	0.474264	350.7103	97.76047	1.135184	100	3
2016.861	1414.361	327.6236	22.52918	0.273852	2.054951	487.0495	1391.885	0.270396	0.474983	351.3766	98.18856	1.137775	100	3
2017.014	1414.514	327.628	22.60111	0.287068	1.872531	491.3416	1391.919	0.28307	0.495356	305.7731	76.95212	0.888966	100	1.9
2017.166	1414.666	327.6324	22.52213	0.292285	1.956114	492.7468	1399.598	0.288097	0.494882	299.4894	74.82381	0.867311	100	1.8
2017.319	1414.819	327.6368	22.4046	0.302788	1.866595	492.9913	1407.303	0.298214	0.510503	263.9711	64.52477	0.751725	100	1.3
2017.471	1414.971	327.6412	22.30897	0.304627	1.896087	493.8091	1421.135	0.300006	0.515643	254.4052	62.11497	0.726653	100	1.2
2017.623	1415.123	327.6455	22.31597	0.31856	1.657297	496.9955	1433.7	0.31346	0.544457	196.0739	49.55089	0.579502	100	0.6
2017.776	1415.276	327.6499	22.31912	0.314006	1.740861	498.6789	1442.273	0.309088	0.532622	218.4396	53.99514	0.631398	100	0.8
2017.928	1415.428	327.6543	22.34927	0.313381	1.805851	499.5169	1445.13	0.308508	0.52686	227.1926	55.85128	0.652259	100	0.9
2018.081	1415.581	327.6587	22.35145	0.310047	1.875659	497.9519	1431.523	0.305315	0.5172	244.9289	59.84162	0.698801	100	1.1
2018.233	1415.733	327.6631	22.35362	0.309985	1.825475	494.2736	1421.35	0.305278	0.516941	245.3379	59.93758	0.699863	100	1.1
2018.385	1415.885	327.6675	22.35579	0.308018	1.794358	489.6095	1416.673	0.303405	0.515505	249.9052	61.0221	0.712467	100	1.1
2018.538	1416.038	327.6719	22.35797	0.314155	1.659374	485.7992	1428.736	0.309343	0.532774	217.8792	53.87865	0.62901	100	0.8
2018.69	1416.19	327.6763	22.30177	0.306852	1.730998	485.2838	1441.716	0.302326	0.522971	241.0912	58.95035	0.689902	100	1
2018.843	1416.343	327.6807	22.27047	0.297486	1.850691	488.075	1448.244	0.293337	0.506649	276.0186	67.74976	0.793967	100	1.5
2018.995	1416.495	327.6851	22.27263	0.292992	2.012024	495.5829	1447.008	0.289043	0.49531	297.5937	74.20431	0.869536	100	1.8
2019.147	1416.647	327.6894	22.30944	0.292116	2.122974	497.1415	1450.568	0.288223	0.486386	311.039	78.83444	0.922329	100	2.1
2019.3	1416.8	327.6938	22.38673	0.303071	1.931197	496.1363	1453.067	0.298774	0.501091	276.1866	67.7964	0.790551	100	1.4
2019.452	1416.952	327.6982	22.47338	0.296813	1.849545	493.3879	1464.027	0.292779	0.482814	309.6818	78.33995	0.910104	100	1.9
2019.605	1417.105	327.7026	22.45986	0.289634	1.73742	493.5674	1467.679	0.285908	0.471584	334.6612	88.79901	1.032221	100	2.3
2019.757	1417.257	327.707	22.35184	0.295013	1.593565	493.1914	1471.369	0.291094	0.498444	290.4377	71.94975	0.840272	100	1.6
2019.909	1417.409	327.7114	22.40601	0.314853	1.44395	492.6427	1459.235	0.310216	0.544546	200.4287	50.38457	0.587053	100	0.5
2020.062	1417.562	327.7158	22.44945	0.316114	1.709296	491.4462	1443.866	0.311454	0.54604	196.6577	49.66182	0.577556	100	0.6
2020.214	1417.714	327.7202	22.4911	0.305932	2.100083	491.979	1420.093	0.301661	0.519519	246.7713	60.27536	0.699743	100	1.2
2020.367	1417.867	327.7246	22.45625	0.307815	2.12821	493.7862	1408.733	0.303498	0.523644	238.5446	58.36772	0.678619	100	1.1
2020.519	1418.019	327.7289	22.45843	0.336884	1.54556	496.2232	1406.687	0.331607	0.580781	120.9035	37.19831	0.432454	99.5	0
2020.671	1418.171	327.7333	22.46061	0.335958	1.496801	494.4721	1415.164	0.330732	0.576082	128.597	38.30413	0.445273	100	0
2020.824	1418.324	327.7377	22.41208	0.317787	1.735996	488.3079	1400.156	0.31318	0.534284	210.499	52.37002	0.610063	100	0.7
2020.976	1418.476	327.7421	22.32148	0.303872	2.013173	483.7636	1389.891	0.299789	0.502744	272.5042	66.785	0.781042	100	1.4
2021.129	1418.629	327.7465	22.27274	0.308529	1.83327	481.7438	1382.299	0.304296	0.51256	252.7394	61.70752	0.723194	100	1.2
2021.281	1418.781	327.7509	22.2749	0.298783	1.898857	483.342	1380.16	0.294938	0.492869	292.8272	72.68853	0.851817	100	1.7
2021.433	1418.933	327.7553	22.27706	0.310024	1.59806	486.7623	1379.577	0.30578	0.525223	233.2157	57.17044	0.669909	100	0.9
2021.586	1419.086	327.7597	22.35409	0.317828	1.455318	490.3481	1380.212	0.31333	0.547563	191.9677	48.77811	0.569672	100	0.5
2021.738	1419.238	327.7641	22.34314	0.309018	1.582082	493.3111	1382.275	0.304856	0.537523	217.5181	53.80373	0.62867	100	0.8
2021.891	1419.391	327.7685	22.33372	0.309965	1.672383	494.8351	1385.726	0.30579	0.534434	220.4909	54.42387	0.636181	100	0.8
2022.043	1419.543	327.7728	22.27273	0.322838	1.540658	495.9083	1390.346	0.318236	0.555283	174.5446	45.63597	0.534873	100	0.4
2022.195	1419.695	327.7772	22.22472	0.323165	1.618355	496.5947	1399.034	0.318574	0.549703	181.778	46.91424	0.551008	100	0.4
2022.348	1419.848	327.7816	22.1781	0.323843	1.644424	496.9432	1406.461	0.319251	0.549326	181.3635	46.84	0.55126	100	0.4
2022.5	1420	327.786	22.16331	0.311437	1.827879	497.0706	1416.46	0.307298	0.52197	235.6103	57.70485	0.679573	100	1
2022.653	1420.153	327.7904	22.19431	0.322695	1.682153	496.9147	1421.501	0.318186	0.542028	192.9047	48.95334	0.575736	100	0.5
2022.805	1420.305	327.7948	22.12508	0.330297	1.530535	496.3699	1426.05	0.32556	0.558018	160.6628	43.28188	0.51058	100	0.2
2022.957	1420.457	327.7992	22.05289	0.333461	1.468347	495.0413	1426.811	0.328646	0.566531	144.6557	40.7202	0.481887	100	0.1
2023.11	1420.61	327.8036	22.00349	0.322115	1.521498	493.1015	1425.349	0.317692	0.550246	182.2463	46.99825	0.557396	100	0.4
2023.262	1420.762	327.8079	21.94393	0.309946	1.697304	491.0562	1424.545	0.305971	0.533851	221.0456	54.54047	0.648552	100	0.8
2023.415	1420.915	327.8124	21.87826	0.292978	2.021153	489.5752	1419.979	0.289671	0.506426	281.3867	69.26544	0.826053	100	1.7
2023.567	1421.067	327.8167	21.79517	0.26672	2.762721	489.3738	1409.855	0.26456	0.451417	391.9527	140.4803	1.681559	100	5.4
2023.719	1421.219	327.8211	21.90624	0.292459	2.247842	489.8263	1389.056	0.289217	0.505058	283.9009	69.99406	0.833726	100	1.8
2023.872	1421.372	327.8255	22.01743	0.29959	2.082775	489.1032	1368.548	0.29609	0.5131	263.3175	64.35614	0.76283	100	1.4
2024.024	1421.524	327.8299	22.18715	0.312345	1.794879	486.6044	1353.73	0.308394	0.530468	222.3693	54.81981	0.644991	100	0.9
2024.177	1421.677	327.8343	22.13839	0.307955	1.749006	483.5066	1347.014	0.304185	0.511632	254.1724	62.05781	0.731713	100	1.2
2024.329	1421.829	327.8387	22.11749	0.298369	1.735892	482.2057	1343.538	0.294983	0.490037	296.6723	73.90672	0.872227	100	1.7
2024.481	1421.981	327.8431	22.11963	0.299237	1.586705	483.5831	1344.391	0.29584	0.496843	286.0986	70.64136	0.83362	100	1.5
2024.634	1422.134	327.8475	22.08531	0.303876	1.592892	487.2787	1347.261	0.300324	0.510156	261.5376	63.89996	0.755208	100	1.2
2024.786	1422.286	327.8518	22.08745	0.311638	1.643767	490.2938	1353.304	0.307824	0.526719	228.3312	56.09797	0.662944	100	0.9
2024.939	1422.439	327.8562	22.04779	0.316696	1.720336	491.3058	1363.47	0.312724	0.540303	202.8223	50.8491	0.601967	100	0.7
2025.091	1422.591	327.8606	21.97872	0.31236	1.876224	490.8741	1380.235	0.308564	0.535652	214.9821	53.28084	0.63268	100	0.8
2025.243	1422.743	327.865	21.92397	0.311347	1.831754	490.4587	1403.153	0.307609	0.540027	210.2634	52.32262	0.62281	100	0.8
2025.396	1422.896	327.8694	21.8915	0.28525	2.239071	491.7644	1419.621	0.282545	0.489525	314.5424	80.14322	0.955346	100	2.3
2025.548	1423.048	327.8738	21.82384	0.282221	2.317582	493.7714	1426.755	0.279666	0.480093	331.5331	87.29953	1.043789	100	2.7
2025.701	1423.201	327.8782	21.80004	0.291042	2.106068	493.2511	1416.847	0.288144	0.486331	311.2241	78.90239	0.944397	100	2.1
2025.853	1423.353	327.8826	21.73715	0.294023	2.194835	488.095	1393.675	0.291028	0.486846	306.5339	77.21818	0.926839	100	2.1
2026.005	1423.505	327.8869	21.70246	0.287861	2.492845	479.5792	1379.274	0.285136	0.481534	321.9944	83.10003	0.998995	100	2.5
2026.158	1423.658	327.8914	21.70946	0.271234	2.968807	471.7545	1352.877	0.269245	0.458841	375.2416	118.0904	1.419205	100	4.4
2026.31	1423.81	327.8957	21.75983	0.263872	2.588864	468.2944	1328.853	0.262242	0.453255	392.6143	141.5867	1.697781	100	5.5
2026.463	1423.963	327.9001	21.7428	0.256757	2.117261	469.8499	1302.222	0.255487	0.440658	419.3206	209.6378	2.515723	100	8.7
2026.615	1424.115	327.9045	21.71272	0.257416	1.967035	474.6196	1290.428	0.256136	0.441076	417.8474	204.2922	2.454891	100	8.4
2026.767	1424.267	327.9089	21.68421	0.273231	1.739009	480.3202	1292.632	0.271242	0.465892	362.7559	106.4228	1.280481	100	3.5
2026.92	1424.42	327.9133	21.63045	0.289121	1.631911	484.8488	1308.519	0.286477	0.48964	308.9577	78.07886	0.94172	100	2
2027.072	1424.572	327.9177	21.70741	0.292157	1.62397	487.8694	1319.019	0.289413	0.488575	306.3763	77.16291	0.927482	100	1.9
2027.225	1424.725	327.9221	21.77619	0.276534	1.881489	489.6198	1325.675	0.274465	0.452988	376.1144	119.0398	1.426466	100	4

2027.377	1424.877	327.9265	21.763	0.276912	1.790086	491.4134	1324.665	0.274849	0.456808	370.3142	113.0853	1.355923	100	3.7
2027.529	1425.029	327.9308	21.83128	0.271691	1.894971	492.0875	1333.077	0.26988	0.443268	395.8559	147.3109	1.760959	100	5.3
2027.682	1425.182	327.9352	21.83336	0.284687	1.714108	491.254	1344.344	0.282337	0.467646	345.0233	94.3076	1.127263	100	2.7
2027.834	1425.334	327.9396	21.85729	0.298542	1.622815	488.8007	1353.608	0.295657	0.494937	288.9793	71.50535	0.853809	100	1.6
2027.987	1425.487	327.944	21.8594	0.307599	1.539101	484.9872	1356.556	0.304395	0.520443	241.7244	59.09628	0.70558	100	1
2028.139	1425.639	327.9484	21.96056	0.28553	1.958128	483.9073	1353.958	0.283211	0.486397	317.9411	81.46075	0.96827	100	2.2
2028.291	1425.791	327.9528	21.96903	0.26997	2.296111	485.0422	1353.991	0.268347	0.463924	369.4656	112.28	1.334112	100	3.9
2028.444	1425.944	327.9572	21.97272	0.289874	1.886825	486.7266	1353.856	0.287421	0.505035	286.4111	70.73424	0.840337	100	1.7
2028.596	1426.096	327.9616	22.03662	0.304923	1.63716	487.3446	1353.681	0.301906	0.527498	235.4225	57.66273	0.683128	100	1
2028.749	1426.249	327.966	22.07406	0.297305	1.805826	486.4683	1353.822	0.2946	0.5043	277.5173	68.16765	0.806262	100	1.5
2028.901	1426.401	327.9703	22.27356	0.299674	1.797454	485.4836	1355.207	0.296899	0.510237	266.1515	65.0918	0.763219	100	1.3
2029.053	1426.553	327.9747	22.10428	0.286042	1.865538	484.8892	1355.758	0.283834	0.483637	320.8904	82.64579	0.976231	100	2.2
2029.206	1426.706	327.9791	22.10544	0.309734	1.44403	484.5575	1355.964	0.306628	0.532986	221.3324	54.60085	0.644931	100	0.8
2029.358	1426.858	327.9835	21.99801	0.311357	1.374128	483.0122	1353.31	0.308214	0.532506	219.807	54.2805	0.644184	100	0.7
2029.511	1427.011	327.9879	22.08387	0.313995	1.413167	481.5883	1349.291	0.31078	0.535857	211.6408	52.60038	0.621902	100	0.6
2029.663	1427.163	327.9923	22.10902	0.296561	1.611309	481.3901	1345.083	0.294018	0.500649	283.36	69.83623	0.824783	100	1.5
2029.815	1427.315	327.9967	22.05696	0.305824	1.506573	482.4325	1345.956	0.302949	0.522674	240.6401	58.84664	0.696588	100	1
2029.968	1427.468	328.0011	22.04829	0.305194	1.429927	485.5167	1352.688	0.302366	0.521463	243.1169	59.41879	0.703635	100	1
2030.12	1427.62	328.0055	22.00173	0.31699	1.345346	488.1052	1363.338	0.313758	0.542176	198.8112	50.0732	0.594186	100	0.5
2030.273	1427.773	328.0099	22.04322	0.294987	1.629742	491.2885	1374.221	0.292594	0.491906	297.3896	74.1382	0.878155	100	1.7
2030.425	1427.925	328.0142	22.02533	0.300191	1.591431	492.5183	1379.507	0.297617	0.49998	279.315	68.67423	0.814083	100	1.4
2030.577	1428.077	328.0186	22.19614	0.289987	1.726671	492.0724	1380.155	0.287838	0.476223	325.5971	84.62566	0.995714	100	2.2
2030.73	1428.23	328.023	22.32177	0.308042	1.481452	489.5695	1376.39	0.305218	0.518392	243.4179	59.48877	0.696148	100	0.9
2030.882	1428.382	328.0274	22.49155	0.287663	1.883955	486.1185	1370.96	0.285652	0.480569	322.6153	83.35815	0.968367	100	2.2
2031.035	1428.535	328.0318	22.47543	0.292001	1.775068	481.8474	1360.867	0.289837	0.493955	298.3673	74.45593	0.865558	100	1.8
2031.187	1428.687	328.0362	22.64067	0.289908	1.67216	479.2357	1349.981	0.28785	0.486695	311.1279	78.86706	0.910386	100	1.9
2031.339	1428.839	328.0406	22.77851	0.27933	1.738279	476.3092	1326.901	0.277736	0.467374	351.7488	98.43001	1.129586	100	2.8
2031.492	1428.992	328.045	22.75835	0.26942	1.847433	475.3246	1313.375	0.268285	0.458436	377.1253	120.1649	1.380208	100	3.9
2031.644	1429.144	328.0493	22.89444	0.255591	2.065035	474.9577	1306.688	0.255126	0.44025	420.3804	213.6383	2.439799	100	8.4
2031.797	1429.297	328.0538	22.94526	0.245611	2.175462	475.3028	1306.682	0.245666	0.417017	465.4975	339.0846	3.8642	100	14.7
2031.949	1429.449	328.0581	23.04822	0.286921	1.402195	474.9776	1306.321	0.285096	0.502318	293.3694	72.85807	0.826724	100	1.6
2032.101	1429.601	328.0625	23.18306	0.284175	1.469833	473.9325	1295.887	0.282486	0.494422	307.8674	77.68919	0.876616	100	1.8
2032.254	1429.754	328.0669	23.2154	0.292841	1.368755	472.5638	1291.066	0.290819	0.512351	271.6261	66.54716	0.749895	100	1.2
2032.406	1429.906	328.0713	23.05723	0.260673	1.889423	472.6513	1288.175	0.260075	0.442264	410.7726	181.746	2.061566	100	6.8
2032.559	1430.059	328.0757	23.08187	0.266543	1.799348	474.5777	1292.458	0.265693	0.455972	384.1027	128.755	1.458996	100	4.3
2032.711	1430.211	328.0801	23.03041	0.265171	1.8711	477.4391	1302.673	0.264406	0.455814	386.096	131.5046	1.493373	100	4.5
2032.863	1430.363	328.0845	22.99539	0.274478	1.673212	480.125	1309.112	0.273315	0.477805	343.4548	93.41365	1.062377	100	2.6
2033.016	1430.516	328.0889	22.95663	0.286575	1.547875	481.7082	1316.052	0.284917	0.501617	294.5835	73.24033	0.834312	100	1.6
2033.168	1430.668	328.0932	22.91176	0.298254	1.461371	483.6007	1324.955	0.296152	0.519812	253.9697	62.0081	0.7077	100	1.1
2033.321	1430.821	328.0976	22.91396	0.303235	1.450813	482.5524	1334.327	0.300964	0.524134	241.3656	59.01353	0.673467	100	0.9
2033.473	1430.973	328.102	22.85229	0.290994	1.628265	480.8306	1347.173	0.289222	0.495473	297.1205	74.0512	0.847285	100	1.7
2033.625	1431.125	328.1064	22.83252	0.28346	1.795235	478.5179	1356.028	0.28202	0.47862	330.3175	86.73441	0.993242	100	2.3
2033.778	1431.278	328.1108	22.8947	0.287982	1.739244	477.7557	1367.435	0.286377	0.487892	311.5102	79.00769	0.9024	100	1.9
2033.93	1431.43	328.1152	22.9056	0.290376	1.766159	477.5481	1370.052	0.288695	0.490003	305.3959	76.82093	0.87703	100	1.8
2034.083	1431.583	328.1196	22.95456	0.288547	1.793106	477.442	1374.29	0.286962	0.485491	314.0147	79.94299	0.910806	100	2
2034.235	1431.735	328.124	22.83181	0.301613	1.569793	475.886	1374.113	0.299535	0.515224	255.6331	62.41754	0.714826	100	1.1
2034.387	1431.887	328.1283	22.90273	0.319653	1.305895	473.0339	1369.35	0.316946	0.553949	178.1659	46.27137	0.528338	100	0.3
2034.54	1432.04	328.1328	22.78217	0.31174	1.354541	467.5246	1366.845	0.309332	0.536193	213.1747	52.91158	0.607246	100	0.6
2034.692	1432.192	328.1371	22.78457	0.293564	1.587008	462.99	1359.557	0.291865	0.495964	292.7958	72.67875	0.83403	100	1.6
2034.845	1432.345	328.1415	22.79214	0.276802	1.898612	461.5753	1355.261	0.275823	0.460308	364.1395	107.5612	1.233943	100	3.3
2034.997	1432.497	328.1459	22.79461	0.258391	2.294456	469.4825	1352.478	0.258275	0.423169	439.6076	270.6991	3.105166	100	11
2035.149	1432.649	328.1503	22.77989	0.264454	2.125679	472.7184	1350.141	0.264074	0.444414	402.2867	160.3431	1.840446	100	5.9
2035.302	1432.802	328.1547	22.83744	0.270836	1.883266	473.217	1354.295	0.270187	0.462127	369.4068	112.2248	1.285018	100	3.6
2035.454	1432.954	328.1591	22.90575	0.277684	1.744334	464.3849	1355.146	0.276754	0.475472	341.9276	92.56536	1.056873	100	2.6
2035.607	1433.107	328.1635	22.91116	0.287794	1.573949	459.4635	1350.687	0.286461	0.494286	302.5697	75.85218	0.86586	100	1.7
2035.759	1433.259	328.1679	23.02477	0.288113	1.584721	450.6735	1334.793	0.286788	0.49172	305.6597	76.91261	0.8738	100	1.8
2035.911	1433.411	328.1722	22.90106	0.289273	1.587589	445.2473	1313.571	0.287923	0.498448	294.8077	73.31134	0.837228	100	1.6
2036.064	1433.564	328.1766	22.71728	0.263493	1.978809	441.0962	1267.712	0.26329	0.45314	391.328	139.4537	1.605024	100	5
2036.216	1433.716	328.181	22.60262	0.233347	2.432547	437.4457	1194.928	0.234687	0.408881	491.877	400.5198	4.63234	100	18.9
2036.369	1433.869	328.1854	22.60504	0.204497	3.125081	437.84	1136.477	0.207545	0.369565	583.5883	566.8542	6.555522	100	31.3
2036.521	1434.021	328.1898	22.52053	0.201594	3.224686	434.4979	1102.91	0.204847	0.374291	580.7898	562.6075	6.530048	100	31.7
2036.673	1434.173	328.1942	22.5222	0.191476	3.675009	432.4584	1101.039	0.19541	0.363175	609.1533	603.8377	7.008165	100	36
2036.826	1434.326	328.1986	22.55773	0.160428	2.693184	426.9219	1072.518	0.166624	0.325388	701.0226	716.3963	8.301958	100	51.1
2036.978	1434.478	328.203	22.45334	0.12969	2.689758	424.8961	1052.819	0.138986	0.310511	759.6941	777.6676	9.05256	100	69.3
2037.131	1434.631	328.2074	22.42683	0.121344	2.68756	426.0801	1036.196	0.131863	0.303728	778.8844	796.6372	9.284062	100	76.1
2037.283	1434.783	328.2118	22.29132	0.150718	2.688526	445.5019	1038.138	0.157754	0.328526	708.934	725.0139	8.499094	100	55.7
2037.435	1434.935	328.2161	22.10143	0.197263	2.944457	456.4807	1046.322	0.200926	0.372968	588.0253	573.5031	6.778935	100	33.6
2037.588	1435.088	328.2205	22.09937	0.253942	1.954488	468.2301	1035.478	0.254415	0.460608	393.2681	142.7002	1.686917	100	5.5
2037.74	1435.24	328.2249	22.22131	0.273636	1.832815	483.1926	1027.147	0.273214	0.485627	332.7994	87.89849	1.033575	100	2.6
2037.893	1435.393	328.2293	21.99346	0.249151	2.598056	499.5323	1017.795	0.249906	0.429345	442.6333	279.1525	3.315431	100	12.4
2038.045	1435.545	328.2337	21.84939	0.210187	3.805992	504.9688	1025.43	0.213125	0.359626	589.6047	575.8455	6.882954	100	32.1
2038.197	1435.697	328.2381	21.85193	0.178515	2.913026	498.259	1044.741	0.183563	0.337116	661.4631	671.1077	8.020781	100	44.2
2038.35	1435.85	328.2425	21.75193	0.15867	2.905752	487.6975	1082.354	0.165223	0.33	696.5932	711.5136	8.54169	100	53.2
2038.502	1436.002	328.2469	21.69956	0.189974	3.972599	480.8987	1127.719	0.194272	0.393176	569.3215	544.7547	6.555135	100	33.9
2038.655	1436.155	328.2513	21.63245	0.240222	2.283231	480.8632	1190.642	0.241545	0.458741	413.6052	190.1915	2.295524	100	8.5
2038.807	1436.307	328.2556	21.65849	0.290382	1.505152	481.5001	1232.147	0.289404	0.52458	256.7032	62.68278	0.755677	100	1.3
2038.959	1436.459	328.26	21.89614	0.296817	1.544129	482.5643	1279.483	0.295605	0.518658	256.318	62.58714	0.746587	100	1.2
2039.112	1436.612	328.2644	22.04568	0.300802	1.542573	482.1385	1309.87	0.299458	0.519788	249.4411	60.91079	0.721822	100	1.1
2039.264	1436.764	328.2688	22.18722	0.288021	1.735651	482.1584	1332.547	0.287205	0.491695	305.1191	76.72492	0.90362	100	1.9
2039.417	1436.917	328.2732	22.20283	0.272334	1.975555	482.5775	1366.468	0.272211	0.455203	376.1699	119.1009	1.401758	100	4

2039.569	1437.069	328.2776	22.16121	0.269168	2.025728	484.3403	1381.697	0.269208	0.447107	391.4847	139.7097	1.647319	100	5
2039.721	1437.221	328.282	22.28472	0.266306	1.972943	488.213	1384.69	0.266499	0.442158	402.0533	159.8269	1.874433	100	5.9
2039.874	1437.374	328.2864	22.40992	0.278428	1.776091	491.9885	1377.915	0.278103	0.47388	342.2639	92.75033	1.0819	100	2.7
2040.026	1437.526	328.2907	22.3546	0.291275	1.598798	491.3701	1370.484	0.290436	0.503176	284.8153	70.26217	0.821553	100	1.6
2040.179	1437.679	328.2952	22.36282	0.290361	1.676048	482.2	1370.615	0.289581	0.499031	291.7165	72.34347	0.845596	100	1.7
2040.331	1437.831	328.2995	22.36353	0.280348	1.832697	475.441	1367.58	0.280006	0.477413	334.7629	88.84891	1.038501	100	2.5
2040.483	1437.983	328.3039	22.471	0.239174	2.705711	473.2083	1379.047	0.240815	0.416727	472.5914	356.3636	4.146101	100	16.4
2040.636	1438.136	328.3083	22.47533	0.185653	2.372556	475.7046	1380.263	0.190552	0.356874	624.5518	624.6956	7.26672	100	38.3
2040.788	1438.288	328.3127	22.5821	0.165982	2.362228	481.4127	1374.831	0.172323	0.355641	651.4105	658.9175	7.629868	100	45.2
2040.941	1438.441	328.3171	22.57853	0.208527	3.3985	486.5587	1366.701	0.211983	0.421299	506.0719	430.6168	4.987094	100	23.2
2041.093	1438.593	328.3215	22.53717	0.296818	1.422982	490.6388	1357.86	0.295913	0.547015	216.7603	53.64691	0.622407	100	0.8
2041.245	1438.745	328.3259	22.57666	0.307958	1.396163	492.7503	1363.22	0.306653	0.537814	214.6354	53.2098	0.616299	100	0.7
2041.398	1438.898	328.3303	22.69242	0.28112	1.827411	491.9038	1369.056	0.280899	0.495192	308.9947	78.09215	0.900051	100	2
2041.55	1439.05	328.3346	22.75431	0.243162	2.5829	488.1396	1368.186	0.244748	0.457549	410.8292	181.9077	2.091095	100	7.6
2041.703	1439.203	328.339	22.85357	0.22851	3.014487	485.6069	1368.499	0.230905	0.452859	436.4061	261.6133	2.994768	100	12.3
2041.855	1439.355	328.3434	22.88835	0.232103	2.86989	485.7928	1371.734	0.234322	0.456364	426.8539	233.607	2.670279	100	10.6
2042.007	1439.507	328.3478	22.83339	0.262955	2.246188	486.1962	1377.657	0.263632	0.488755	341.7051	92.44356	1.059153	100	3
2042.16	1439.66	328.3522	22.8429	0.286615	1.772626	486.2066	1386.567	0.286273	0.512888	277.1582	68.06716	0.77956	100	1.5
2042.312	1439.812	328.3566	22.84508	0.265008	2.204052	485.2774	1391.359	0.265633	0.452488	388.9927	135.7674	1.554789	100	4.8
2042.465	1439.965	328.361	22.8626	0.288906	1.729173	484.8517	1390.394	0.288514	0.498949	293.3012	72.83671	0.833507	100	1.7
2042.617	1440.117	328.3654	22.94177	0.288918	1.746736	484.9819	1378.28	0.288547	0.493542	300.7172	75.2304	0.858044	100	1.8
2042.769	1440.269	328.3697	22.96885	0.291937	1.61832	485.4993	1375.036	0.291465	0.492101	298.6781	74.55747	0.84941	100	1.7
2042.922	1440.422	328.3742	22.99599	0.292593	1.569353	485.909	1376.787	0.292117	0.48729	304.4177	76.48276	0.870362	100	1.7
2043.074	1440.574	328.3785	22.98204	0.307377	1.353508	486.2636	1384.82	0.306356	0.516058	245.069	59.87446	0.681767	100	0.9
2043.227	1440.727	328.3829	23.10272	0.296086	1.484536	487.1187	1395.192	0.295516	0.500023	282.1558	69.48699	0.787247	100	1.4
2043.379	1440.879	328.3873	23.31715	0.291988	1.552166	488.2625	1397.294	0.291602	0.502323	284.3831	70.13523	0.787563	100	1.4
2043.531	1441.031	328.3917	23.34786	0.288399	1.728562	490.2863	1403.718	0.28818	0.498741	294.0489	73.07156	0.819506	100	1.6
2043.684	1441.184	328.3961	23.50392	0.299281	1.697049	492.1474	1407.32	0.298652	0.514136	258.3527	63.09458	0.703102	100	1.1
2043.836	1441.336	328.4005	23.59343	0.31344	1.531042	494.0086	1418.2	0.312309	0.534388	211.559	52.58384	0.583843	100	0.6
2043.989	1441.489	328.4049	23.66982	0.334816	1.278105	496.0261	1427.052	0.332993	0.571867	131.2933	38.69947	0.428356	93.5	0
2044.141	1441.641	328.4093	23.71401	0.326019	1.325816	497.0441	1434.508	0.3245	0.549579	173.771	45.50139	0.502749	100	0.2
2044.293	1441.793	328.4136	23.62493	0.335904	1.241304	497.7826	1437.504	0.334091	0.569142	133.5385	39.03178	0.432831	93.2	0
2044.446	1441.946	328.418	23.52773	0.320471	1.443712	497.8024	1439.826	0.319183	0.545483	186.7615	47.81638	0.532355	100	0.4
2044.598	1442.098	328.4224	23.43644	0.319903	1.512807	498.034	1443.93	0.318656	0.551142	179.6783	46.53944	0.520083	100	0.3
2044.751	1442.251	328.4268	23.46055	0.308074	1.757544	497.5438	1445.43	0.307267	0.534491	218.3738	53.98144	0.602658	100	0.8
2044.903	1442.403	328.4312	23.50533	0.322312	1.648016	496.4362	1447.448	0.321027	0.560863	162.9928	43.66817	0.48663	100	0.3
2045.055	1442.555	328.4356	23.4149	0.308983	1.801276	494.5609	1443.318	0.308187	0.53266	219.631	54.24369	0.606732	100	0.8
2045.208	1442.708	328.44	23.29386	0.303023	1.766066	493.4625	1441.385	0.30247	0.516985	249.1511	60.84138	0.683937	100	1.1
2045.36	1442.86	328.4444	23.36864	0.287091	1.874893	492.65	1436.403	0.287188	0.487165	311.392	78.96417	0.884937	100	1.9
2045.513	1443.013	328.4488	23.4315	0.297068	1.737403	492.556	1431.137	0.296787	0.509854	266.8347	65.27093	0.729599	100	1.2
2045.665	1443.165	328.4532	23.47378	0.304345	1.60989	492.6893	1430.407	0.303808	0.523375	238.4868	58.35457	0.651164	100	0.9
2045.817	1443.317	328.4575	23.47942	0.312482	1.574413	493.5453	1433.849	0.311669	0.532132	215.5541	53.3983	0.595727	100	0.6
2045.97	1443.47	328.4619	23.47965	0.318464	1.436959	494.6883	1439.463	0.317463	0.535323	203.156	50.91421	0.568014	100	0.5
2046.122	1443.622	328.4663	23.47161	0.305023	1.671486	496.594	1441.431	0.304526	0.501907	267.1229	65.34668	0.729273	100	1.2
2046.275	1443.775	328.4707	23.44316	0.296335	1.747513	497.7254	1447.275	0.296192	0.485404	301.3978	75.45767	0.843103	100	1.6
2046.427	1443.927	328.4751	23.51782	0.288394	1.963196	498.4609	1454.093	0.288591	0.475468	325.5983	84.6262	0.942668	100	2.1
2046.579	1444.079	328.4795	23.52386	0.286428	1.990037	498.5388	1451.002	0.286728	0.475092	328.6885	85.99173	0.957652	100	2.2
2046.732	1444.232	328.4839	23.5071	0.283339	2.090746	499.1054	1444.499	0.283789	0.469721	340.1565	91.60765	1.020903	100	2.5
2046.884	1444.384	328.4883	23.48707	0.280193	2.122965	498.5114	1445.831	0.280798	0.462446	354.3233	100.1472	1.116996	100	2.9
2047.037	1444.537	328.4927	23.48258	0.28937	1.936056	498.4167	1444.892	0.289614	0.482758	314.1261	79.98515	0.89229	100	1.9
2047.189	1444.689	328.497	23.42693	0.295693	1.81275	498.2706	1448.113	0.295706	0.496203	287.1659	70.95937	0.793417	100	1.5
2047.341	1444.841	328.5014	23.48072	0.297473	1.761004	498.7265	1451.593	0.297439	0.49734	283.2059	69.7914	0.778646	100	1.4
2047.494	1444.994	328.5058	23.43644	0.280941	2.028757	498.4636	1450.787	0.281602	0.462806	352.7172	99.06621	1.107276	100	2.8
2047.646	1445.146	328.5102	23.52956	0.279819	2.095245	498.0349	1452.354	0.280549	0.462476	354.6248	100.3539	1.117412	100	2.9
2047.799	1445.299	328.5146	23.60383	0.305277	1.72898	497.72	1450.079	0.305011	0.522625	237.8627	58.21289	0.64623	100	0.9
2047.951	1445.451	328.519	23.57911	0.292989	1.890068	497.9637	1452.279	0.293219	0.492908	295.1457	73.41859	0.815859	100	1.6
2048.104	1445.604	328.5234	23.62325	0.32123	1.424175	498.6529	1453.562	0.32044	0.544389	186.5363	47.77522	0.529951	100	0.3
2048.256	1445.756	328.5278	23.60396	0.316623	1.556893	499.6644	1451.927	0.316013	0.526714	217.0367	53.70405	0.59619	100	0.6
2048.408	1445.908	328.5322	23.57804	0.311052	1.791003	499.5063	1451.065	0.310662	0.516643	238.3195	58.31656	0.648086	100	0.9
2048.561	1446.061	328.5366	23.54514	0.307424	1.955759	498.3526	1449.156	0.307187	0.519573	239.0713	58.48767	0.650866	100	1
2048.713	1446.213	328.5409	23.50741	0.297509	2.038892	497.371	1447.656	0.297669	0.505507	271.6171	66.54474	0.741677	100	1.4
2048.865	1446.365	328.5453	23.42451	0.306008	1.815518	497.3909	1445.155	0.305868	0.522006	237.5344	58.13851	0.650196	100	0.9
2049.018	1446.518	328.5497	23.4368	0.304495	1.756385	497.5699	1441.648	0.304433	0.516487	247.1311	60.3605	0.674712	100	1
2049.17	1446.67	328.5541	23.51728	0.317806	1.541192	497.3596	1440.336	0.317286	0.543381	192.2797	48.83638	0.544104	100	0.4
2049.323	1446.823	328.5585	23.54523	0.309895	1.647478	496.5899	1439.58	0.309677	0.526088	226.6442	55.73291	0.620238	100	0.8
2049.475	1446.975	328.5629	23.6142	0.317691	1.610184	495.4454	1441.02	0.317219	0.539548	197.6626	49.85334	0.553254	100	0.5
2049.627	1447.127	328.5673	23.68515	0.326263	1.502076	495.5842	1441.598	0.325523	0.559518	158.6434	42.9499	0.475275	100	0.2
2049.78	1447.28	328.5717	23.67318	0.324722	1.551665	496.993	1444.771	0.324054	0.557282	163.7559	43.79545	0.484871	100	0.2
2049.932	1447.432	328.576	23.65505	0.301477	1.881514	498.1185	1442.428	0.301659	0.508167	262.4398	64.13064	0.710537	100	1.2
2050.084	1447.584	328.5804	23.63525	0.288484	2.125334	498.1259	1445.565	0.289201	0.47735	322.1599	83.16863	0.92222	100	2.1
2050.237	1447.737	328.5848	23.6375	0.297628	1.971632	497.0213	1447.465	0.298002	0.500289	278.3595	68.40424	0.758442	100	1.4
2050.389	1447.889	328.5892	23.6153	0.315602	1.669291	495.2596	1453.718	0.315333	0.542324	196.4335	49.61918	0.550662	100	0.5
2050.542	1448.042	328.5936	23.6235	0.317205	1.714192	494.7263	1445.886	0.316902	0.549723	184.0568	47.32456	0.525027	100	0.4
2050.694	1448.194	328.598	23.60795	0.320511	1.668638	495.425	1441.53	0.320116	0.560567	164.6583	43.94645	0.487862	100	0.3
2050.847	1448.347	328.6024	23.55136	0.311767	1.796808	497.5699	1436.238	0.311699	0.546752	195.3378	49.41142	0.549803	100	0.6
2050.999	1448.499	328.6068	23.51498	0.30741	1.881488	499.8044	1435.265	0.307523	0.540547	209.6633	52.20209	0.581724	100	0.7
2051.151	1448.651	328.6111	23.48324	0.307761	1.905268	500.7054	1434.984	0.307883	0.53872	211.6884	52.61001	0.587037	100	0.8
2051.304	1448.804	328.6156	23.48547	0.302824	2.028915	500.1507	1433.577	0.303152	0.529559	230.8601	56.65031	0.632068	100	1
2051.456	1448.956	328.6199	23.39706	0.286887	2.304563	498.2601	1434.282	0.287865	0.49312	302.2406	75.74097	0.848149	100	1.9
2051.609	1449.109	328.6243	23.43578	0.286467	2.20894	495.8348	1435.188	0.287484	0.491434	305.0921	76.71556	0.857705	100	1.9

2051.761	1449.261	328.6287	23.40973	0.298675	2.018595	494.632	1435.793	0.299227	0.510985	261.9085	63.99466	0.716254	100	1.3
2051.913	1449.413	328.6331	23.37259	0.314278	1.657122	494.5443	1436.282	0.314273	0.540523	200.381	50.37534	0.564689	100	0.6
2052.066	1449.566	328.6375	23.34196	0.305033	1.835013	495.4608	1436.67	0.305387	0.519341	241.8766	59.13143	0.663684	100	1
2052.218	1449.718	328.6419	23.305	0.301991	1.891002	497.2639	1437.227	0.302481	0.513143	254.439	62.12327	0.698335	100	1.2
2052.371	1449.871	328.6463	23.35525	0.302221	2.110387	498.5009	1438.599	0.302724	0.51354	253.5562	61.90688	0.694469	100	1.2
2052.523	1450.023	328.6507	23.44983	0.30761	2.027085	499.015	1441.083	0.307933	0.526968	227.837	55.99076	0.62567	100	0.9
2052.675	1450.175	328.655	23.4505	0.306686	2.013255	499.0287	1440.92	0.307065	0.525269	231.3792	56.76447	0.634305	100	1
2052.828	1450.328	328.6594	23.45333	0.322228	1.700612	498.8272	1442.135	0.322079	0.554313	170.5797	44.95055	0.502239	100	0.3
2052.98	1450.48	328.6638	23.40647	0.327752	1.590248	499.1781	1440.362	0.327442	0.558889	156.8631	42.65937	0.477562	100	0.2
2053.133	1450.633	328.6682	23.37104	0.326885	1.590561	499.5331	1442	0.326625	0.552119	167.334	44.39729	0.497747	100	0.3
2053.285	1450.785	328.6726	23.37326	0.31417	1.727803	500.1025	1444.167	0.314365	0.524877	221.8456	54.7091	0.613305	100	0.7
2053.438	1450.938	328.677	23.37549	0.322343	1.626957	500.113	1447.947	0.322278	0.549666	176.7184	46.0163	0.515813	100	0.4
2053.59	1451.09	328.6814	23.37771	0.30861	1.88291	499.3958	1453.944	0.309049	0.527965	224.9208	55.36276	0.620531	100	0.9
2053.742	1451.242	328.6858	23.37993	0.307591	1.967146	497.7352	1451.321	0.308089	0.530071	223.3395	55.02555	0.6167	100	0.9
2053.895	1451.395	328.6902	23.38215	0.315989	1.84329	495.7492	1445.978	0.316208	0.546523	189.4315	48.30711	0.541359	100	0.5
2054.047	1451.547	328.6946	23.38438	0.327084	1.692251	494.7675	1433.175	0.326948	0.566973	146.3894	40.99007	0.459322	100	0.2
2054.199	1451.699	328.6989	23.44297	0.326317	1.6453	494.5078	1428.719	0.326228	0.564785	150.403	41.62179	0.465284	100	0.2
2054.352	1451.852	328.7033	23.41441	0.315918	1.738098	494.7516	1431.32	0.316204	0.54442	192.3386	48.8474	0.546704	100	0.5
2054.504	1452.004	328.7077	23.3257	0.323781	1.61742	495.4962	1432.501	0.32382	0.562243	157.2332	42.7196	0.479876	100	0.2
2054.657	1452.157	328.7121	23.29139	0.310586	1.80863	496.4127	1431.819	0.311106	0.532119	216.3498	53.56215	0.60253	100	0.8
2054.809	1452.309	328.7165	23.20044	0.307178	1.853436	497.879	1432.85	0.307843	0.519364	238.4543	58.3472	0.658842	100	1
2054.961	1452.461	328.7209	23.1111	0.30567	1.836039	498.8939	1435.686	0.306413	0.512408	250.0262	61.05117	0.691949	100	1.1
2055.114	1452.614	328.7253	23.14595	0.301542	1.965739	499.2974	1438.829	0.302462	0.505558	264.9332	64.77413	0.733087	100	1.3
2055.266	1452.766	328.7297	23.09347	0.297859	2.037167	499.2004	1441.966	0.298942	0.501862	274.8909	67.4379	0.764913	100	1.5
2055.418	1452.918	328.734	23.02262	0.288363	2.195744	498.8853	1442.779	0.289847	0.481901	314.988	80.31319	0.913662	100	2.1
2055.571	1453.071	328.7384	22.9524	0.298541	2.020393	499.0155	1442.055	0.299641	0.502117	273.5731	67.07624	0.765334	100	1.4
2055.723	1453.223	328.7428	22.86453	0.308114	1.97798	499.4775	1440.697	0.308876	0.51929	237.1308	58.04722	0.664775	100	1
2055.876	1453.376	328.7472	22.7956	0.312469	1.971901	499.7643	1437.643	0.313095	0.529848	216.7392	53.64254	0.616131	100	0.8
2056.028	1453.528	328.7516	22.79776	0.308751	2.06225	498.9948	1435.884	0.309533	0.524642	228.8388	56.20834	0.645548	100	1
2056.181	1453.681	328.756	22.79993	0.30778	2.026059	497.5526	1434.405	0.308619	0.526685	227.2808	55.87034	0.641614	100	1
2056.333	1453.833	328.7604	22.80209	0.305837	2.082489	495.7936	1426.977	0.30677	0.524374	233.0216	57.12736	0.655996	100	1
2056.485	1453.985	328.7648	22.72067	0.310064	1.919126	494.9778	1423.881	0.310863	0.531948	216.921	53.68011	0.61855	100	0.8
2056.638	1454.138	328.7692	22.6218	0.304652	1.934835	494.89	1427.392	0.305672	0.509617	254.9016	62.23705	0.720185	100	1.2
2056.79	1454.29	328.7736	22.62395	0.312182	1.730174	495.4687	1432.458	0.312949	0.515505	236.7349	57.95784	0.670613	100	0.9
2056.943	1454.443	328.778	22.6261	0.32101	1.599697	496.5953	1442.318	0.32149	0.533604	199.9708	50.29622	0.581915	100	0.5
2057.095	1454.595	328.7823	22.62824	0.310807	1.741344	497.2771	1438.862	0.311666	0.523026	228.1248	56.05315	0.648468	100	0.9
2057.247	1454.747	328.7867	22.63039	0.306366	1.792029	497.1739	1436.777	0.307409	0.527618	227.6629	55.95303	0.647257	100	0.9
2057.4	1454.9	328.7911	22.54579	0.296665	1.968047	495.9557	1432.603	0.298098	0.510306	264.4015	64.63615	0.750421	100	1.4
2057.552	1455.052	328.7955	22.46949	0.306112	1.789676	494.3506	1431.457	0.307208	0.528145	227.2134	55.85579	0.650617	100	0.9
2057.705	1455.205	328.7999	22.38147	0.288633	2.107006	492.3616	1433.511	0.290431	0.489396	303.8389	76.28413	0.891959	100	2
2057.857	1455.357	328.8043	22.29544	0.287124	2.096195	490.824	1429.003	0.289005	0.490606	304.1365	76.38616	0.896496	100	2
2058.009	1455.509	328.8087	22.15165	0.282508	2.183639	490.1803	1421.53	0.284604	0.48361	319.8659	82.22954	0.971152	100	2.4
2058.162	1455.662	328.8131	22.16901	0.282869	2.254976	490.9217	1414.148	0.284971	0.483772	319.1344	81.93535	0.966954	100	2.4
2058.314	1455.814	328.8174	22.08196	0.266672	2.676819	491.3868	1410.067	0.269509	0.446527	391.8714	140.3457	1.662622	100	5.3
2058.467	1455.967	328.8218	22.08406	0.283594	2.263222	491.953	1408.791	0.285709	0.487713	312.6767	79.44027	0.941021	100	2.3
2058.619	1456.119	328.8262	22.08615	0.295818	1.979097	491.5673	1413.898	0.297459	0.511122	264.1589	64.57334	0.76485	100	1.4
2058.771	1456.271	328.8306	22.08825	0.304474	1.864455	489.8947	1415.772	0.305804	0.523009	236.2383	57.84598	0.685111	100	1.1
2058.924	1456.424	328.835	22.09034	0.291118	2.070877	487.1377	1414.262	0.292989	0.490595	298.6539	74.54957	0.882871	100	1.9
2059.076	1456.576	328.8394	22.09243	0.271826	2.530206	485.8828	1410.164	0.274538	0.462924	362.3027	106.0572	1.255905	100	3.6
2059.229	1456.729	328.8438	22.09453	0.256192	2.905747	486.1972	1404.094	0.259654	0.446137	406.0091	169.0728	2.001957	100	6.9
2059.381	1456.881	328.8482	22.09662	0.28043	2.317125	489.1101	1399.744	0.282809	0.50034	299.2538	74.74629	0.884984	100	2.1
2059.533	1457.033	328.8526	22.09871	0.301762	1.949491	490.5028	1387.91	0.303303	0.533026	225.866	55.56542	0.657832	100	1
2059.686	1457.186	328.857	22.10081	0.300888	2.088805	489.8437	1384.788	0.302484	0.522474	241.5588	59.05807	0.699123	100	1.2
2059.838	1457.338	328.8613	22.03966	0.285154	2.321162	488.303	1387.097	0.2874	0.489606	307.7325	77.6413	0.921591	100	2.2
2059.991	1457.491	328.8657	21.94327	0.268285	2.502493	487.773	1399.437	0.271287	0.456436	375.7423	118.6325	1.414163	100	4.3
2060.143	1457.643	328.8701	21.91343	0.275566	2.214461	488.5229	1397.078	0.278265	0.474071	341.7767	92.48273	1.103911	100	2.9
2060.295	1457.795	328.8745	21.84496	0.287921	1.927036	490.039	1398.507	0.290117	0.493913	298.0392	74.349	0.890168	100	1.9
2060.448	1457.948	328.8789	21.77086	0.301381	1.655995	490.719	1403.036	0.303067	0.508507	260.0277	63.51644	0.762992	100	1.3
2060.6	1458.1	328.8833	21.7418	0.292634	1.768629	490.843	1398.712	0.294683	0.48603	302.6162	75.86792	0.912556	100	1.9
2060.753	1458.253	328.8877	21.74369	0.291145	1.786002	490.4173	1398.105	0.293275	0.495652	291.2801	72.20865	0.868477	100	1.8
2060.905	1458.405	328.8921	21.74086	0.289182	1.832603	490.3204	1398.065	0.291413	0.504864	281.138	69.19404	0.832333	100	1.7
2061.057	1458.557	328.8964	21.75721	0.287254	1.884088	490.2201	1404.199	0.289585	0.501704	288.0205	71.21578	0.856036	100	1.8
2061.21	1458.71	328.9008	21.75173	0.285866	1.921921	489.4966	1404.469	0.288277	0.491284	304.206	76.40999	0.918706	100	2
2061.362	1458.862	328.9052	21.75379	0.289511	1.828356	486.9822	1401.055	0.291794	0.496925	291.5682	72.2976	0.86919	100	1.8
2061.515	1459.015	328.9096	21.7133	0.285712	1.902206	482.9889	1393.201	0.288172	0.489976	306.1551	77.08547	0.92844	100	2.1
2061.667	1459.167	328.914	21.64886	0.295403	1.708123	480.0706	1385.739	0.297494	0.512548	262.1433	64.05469	0.773732	100	1.4
2061.819	1459.319	328.9184	21.67109	0.307023	1.576051	479.4854	1377.388	0.308692	0.535817	214.5779	53.19802	0.641958	100	0.8
2061.972	1459.472	328.9228	21.76992	0.321405	1.364411	480.6752	1366.08	0.322587	0.563465	157.2488	42.72214	0.513274	100	0.2
2062.124	1459.624	328.9272	21.77198	0.299472	1.692001	481.7361	1349.543	0.301469	0.517018	250.4874	61.16211	0.734756	100	1.2
2062.277	1459.777	328.9316	21.70878	0.283811	1.933106	481.0217	1341.901	0.286459	0.485995	314.0138	79.94262	0.963096	100	2.2
2062.429	1459.929	328.936	21.6509	0.263446	2.349423	479.653	1341.268	0.267017	0.450252	390.1688	137.5947	1.661972	100	5.3
2062.582	1460.082	328.9404	21.73889	0.265251	2.084916	479.5683	1351.22	0.26876	0.46816	363.0505	106.6625	1.283296	100	3.7
2062.734	1460.234	328.9447	21.82459	0.26206	2.042337	480.6475	1350.202	0.265739	0.471019	363.2742	106.8454	1.280608	100	3.8
2062.886	1460.386	328.9491	21.82667	0.280721	1.729534	481.7083	1346.254	0.283586	0.507052	288.9185	71.48691	0.856744	100	1.8
2063.039	1460.539	328.9535	21.75758	0.292765	1.701105	481.1137	1349.538	0.295155	0.526397	246.2595	60.15447	0.723159	100	1.2
2063.191	1460.691	328.9579	21.68378	0.268802	2.415122	480.7433	1350.71	0.272235	0.475355	348.325	96.26974	1.161164	100	3.3
2063.343	1460.843	328.9623	21.67993	0.257499	2.739649	480.8244	1355.29	0.261482	0.447965	400.963	157.4606	1.899569	100	6.4
2063.496	1460.996	328.9667	21.66674	0.253801	2.654753	481.9467	1356.536	0.257985	0.4355	422.9906	221.8843	2.678372	100	9.6
2063.648	1461.148	328.9711	21.65381	0.279588	1.968868	481.8649	1361.651	0.28261	0.482538	324.0959	83.98165	1.014344	100	2.5
2063.801	1461.301	328.9755	21.65586	0.275629	2.031021	483.4971	1369.588	0.278844	0.471162	344.9908	94.28879	1.138742	100	3

2063.953	1461.453	328.9798	21.65791	0.285611	1.859706	484.3521	1363.4	0.288422	0.490877	304.5672	76.53428	0.924242	100	2
2064.105	1461.605	328.9842	21.61066	0.29539	1.606692	485.4189	1362.775	0.297827	0.507691	268.3849	65.67994	0.794857	100	1.4
2064.258	1461.758	328.9886	21.57125	0.283933	1.828952	485.2115	1362.243	0.286857	0.479532	322.3833	83.26148	1.009428	100	2.4
2064.41	1461.91	328.993	21.53207	0.291045	1.773703	484.7859	1365.177	0.293699	0.495359	291.0998	72.15312	0.876311	100	1.8
2064.562	1462.062	328.9974	21.53411	0.287591	1.942562	485.088	1368.779	0.290407	0.493637	298.0197	74.34267	0.90283	100	2
2064.715	1462.215	329.0018	21.53614	0.297349	1.774313	486.2379	1364.988	0.299796	0.519442	249.4517	60.91334	0.739681	100	1.3
2064.867	1462.367	329.0062	21.53818	0.285275	1.838897	488.6894	1366.842	0.288229	0.492785	302.201	75.7276	0.919498	100	2
2065.02	1462.52	329.0106	21.54021	0.290446	1.665118	489.6527	1367.138	0.29321	0.502526	281.8845	69.4087	0.842704	100	1.6
2065.172	1462.672	329.015	21.55816	0.302134	1.492731	489.4911	1373.172	0.304462	0.522551	238.723	58.40832	0.70858	100	1
2065.325	1462.825	329.0194	21.61022	0.292093	1.743165	488.1716	1378.453	0.294834	0.50057	282.3425	69.54096	0.841668	100	1.7
2065.477	1462.977	329.0237	21.64373	0.274937	2.182478	487.4809	1386.439	0.27842	0.468341	349.4694	96.97694	1.171977	100	3.2
2065.629	1463.129	329.0281	21.71568	0.279532	2.103227	488.8467	1396.382	0.282838	0.482754	323.4839	83.72253	1.008548	100	2.5
2065.782	1463.282	329.0325	21.76297	0.274734	2.170806	491.434	1405.054	0.278269	0.473655	342.3445	92.79481	1.115488	100	3
2065.934	1463.434	329.0369	21.84779	0.286037	1.901381	494.1657	1410.194	0.289111	0.488747	306.5558	77.22588	0.924843	100	2.1
2066.087	1463.587	329.0413	21.91934	0.275408	2.201625	494.2161	1414.388	0.278957	0.461821	357.7273	102.5527	1.224273	100	3.4
2066.239	1463.739	329.0457	21.99551	0.286318	1.989261	491.6588	1415.994	0.289424	0.481979	315.4632	80.49532	0.957733	100	2.2
2066.391	1463.891	329.0501	21.9926	0.287536	1.992757	488.3305	1415.954	0.290613	0.488142	305.318	76.79386	0.913819	100	2
2066.544	1464.044	329.0545	21.99497	0.291805	1.887409	485.9636	1402.982	0.294731	0.500034	283.2253	69.79703	0.830481	100	1.7
2066.696	1464.196	329.0588	21.9243	0.288062	1.88351	485.7099	1394.288	0.291161	0.495155	294.8839	73.33549	0.875321	100	1.9
2066.849	1464.349	329.0633	21.96933	0.295969	1.708468	486.5679	1387.966	0.298773	0.512297	260.7244	63.693	0.758725	100	1.3
2067.001	1464.501	329.0676	22.03889	0.296109	1.697783	487.8469	1388.376	0.298928	0.51134	261.8291	63.97435	0.759751	100	1.3
2067.153	1464.653	329.072	22.02707	0.296682	1.763278	486.5705	1396.189	0.299501	0.511224	261.1996	63.81384	0.758247	100	1.3
2067.306	1464.806	329.0764	21.93444	0.29626	1.787058	484.1819	1399.59	0.299117	0.505235	269.9941	66.10844	0.788738	100	1.5
2067.458	1464.958	329.0808	21.83947	0.300263	1.670968	481.7075	1400.71	0.302986	0.508569	260.0544	63.52318	0.7611	100	1.3
2067.611	1465.111	329.0852	21.86485	0.295383	1.592466	481.7488	1398.005	0.298317	0.50105	276.8735	67.98766	0.813681	100	1.5
2067.763	1465.263	329.0896	21.92744	0.291268	1.542633	484.6186	1395.659	0.294388	0.502887	279.7602	68.8006	0.821137	100	1.5
2067.916	1465.416	329.094	21.84282	0.290507	1.577933	488.0874	1393.631	0.293679	0.507642	274.177	67.24161	0.805557	100	1.5
2068.068	1465.568	329.0984	21.7803	0.296549	1.606995	490.271	1391.182	0.299503	0.52158	246.9067	60.30738	0.724506	100	1.2
2068.22	1465.72	329.1027	21.96662	0.304556	1.711655	491.2258	1389.532	0.307225	0.535629	216.8612	53.66776	0.639437	100	0.9
2068.373	1465.873	329.1071	21.96375	0.287523	2.096727	490.9046	1389.124	0.290881	0.503441	283.8354	69.9749	0.833847	100	1.8
2068.525	1466.025	329.1115	21.98114	0.29133	1.968855	490.0763	1390.67	0.294555	0.510211	269.4226	65.95581	0.785358	100	1.5
2068.677	1466.177	329.1159	21.98024	0.28066	2.148635	488.2993	1391.382	0.284349	0.487277	315.156	80.37746	0.957129	100	2.3
2068.83	1466.33	329.1203	21.98621	0.281985	2.144255	486.3101	1390.723	0.285639	0.484659	316.9888	81.08656	0.965329	100	2.3
2068.982	1466.482	329.1247	22.00535	0.274178	2.250735	484.4347	1382.613	0.278191	0.465538	353.6529	99.69195	1.185835	100	3.3
2069.135	1466.635	329.1291	21.93092	0.275274	2.22885	483.281	1376.775	0.27926	0.472695	342.3022	92.7715	1.107161	100	3
2069.287	1466.787	329.1335	21.84319	0.278086	2.085156	482.6432	1371.388	0.281972	0.486947	318.8919	81.83839	0.9805	100	2.4
2069.439	1466.939	329.1378	21.8301	0.293597	1.798163	483.6258	1372.295	0.296861	0.524822	246.077	60.11146	0.720618	100	1.2
2069.592	1467.092	329.1422	21.79672	0.304682	1.57175	486.4358	1374.665	0.30754	0.547704	199.7629	50.25614	0.603374	100	0.7
2069.744	1467.244	329.1466	21.8405	0.276791	1.992307	489.791	1376.27	0.280797	0.487908	319.1868	81.95636	0.982061	100	2.4
2069.896	1467.396	329.151	21.84255	0.257705	2.352059	491.8011	1382.719	0.262607	0.443985	404.9041	166.3811	1.993538	100	6.7
2070.049	1467.549	329.1554	21.84461	0.255242	2.286994	491.6885	1373.958	0.260285	0.42923	428.4696	238.4409	2.856708	100	10.2
2070.201	1467.701	329.1598	21.93334	0.295295	1.570754	489.2979	1371.957	0.2986	0.514536	257.8729	62.97442	0.751527	100	1.3
2070.354	1467.854	329.1642	22.02575	0.296563	1.633375	485.849	1367.569	0.299839	0.514724	255.9036	62.48445	0.742651	100	1.2
2070.506	1468.006	329.1686	22.11125	0.289137	1.860857	482.2996	1369.818	0.292731	0.507027	276.3333	67.83717	0.803254	100	1.6
2070.659	1468.159	329.173	22.25443	0.26079	2.483912	480.037	1372.541	0.265652	0.453621	387.4035	133.3881	1.569603	100	5
2070.811	1468.311	329.1774	22.25652	0.252203	2.36378	479.2242	1371.503	0.257503	0.434733	424.7145	227.1441	2.672631	100	9.6
2070.963	1468.463	329.1817	22.22024	0.274151	1.782223	479.1303	1379.385	0.278446	0.470779	346.0699	94.91745	1.118599	100	2.9
2071.116	1468.616	329.1861	22.17583	0.289076	1.537758	479.368	1379.669	0.292759	0.491991	297.045	74.02683	0.874106	100	1.7
2071.268	1468.768	329.1905	22.13015	0.282482	1.653237	479.0498	1377.549	0.28646	0.474377	330.0443	86.60868	1.024729	100	2.4
2071.421	1468.921	329.1949	22.07752	0.278512	1.638	478.8421	1371.242	0.282681	0.470817	340.1728	91.61633	1.086494	100	2.6
2071.573	1469.073	329.1993	22.0796	0.289917	1.398513	478.5298	1370.165	0.293631	0.499591	285.3543	70.42103	0.835068	100	1.5
2071.725	1469.225	329.2037	22.08334	0.274224	1.598744	479.1087	1371.787	0.278623	0.471603	344.6876	94.11425	1.115855	100	2.8
2071.878	1469.378	329.2081	22.07733	0.26153	1.80241	480.1939	1378.178	0.26653	0.448249	393.6047	143.2813	1.699264	100	5.3
2072.03	1469.53	329.2125	22.06905	0.260432	1.911815	482.2221	1384.441	0.265506	0.448594	394.5424	144.9291	1.719449	100	5.4
2072.183	1469.683	329.2169	21.99603	0.272887	1.721465	484.014	1388.22	0.27741	0.472814	344.6906	94.11599	1.120206	100	2.9
2072.335	1469.835	329.2212	21.99809	0.278479	1.692018	484.6971	1386.725	0.282779	0.480407	326.8044	85.15263	1.013439	100	2.4
2072.487	1469.987	329.2256	22.00639	0.284286	1.672823	484.7629	1382.532	0.288361	0.493394	301.1789	75.38444	0.896864	100	1.9
2072.64	1470.14	329.23	22.01779	0.289783	1.658351	484.1129	1385.423	0.293653	0.503062	280.5336	69.02099	0.820752	100	1.6
2072.792	1470.292	329.2344	22.22594	0.301884	1.493704	483.9543	1393.977	0.3053	0.526358	232.3131	56.97048	0.671309	100	0.9
2072.945	1470.445	329.2388	22.21772	0.31076	1.327366	482.7392	1397.654	0.313868	0.540332	201.2034	50.53442	0.59569	100	0.5
2073.097	1470.597	329.2432	22.21981	0.315588	1.236902	481.4165	1387.154	0.318546	0.551054	179.9514	46.58801	0.549125	100	0.3
2073.25	1470.75	329.2476	22.2219	0.316568	1.229612	479.9865	1385.25	0.319514	0.555571	172.3828	45.26094	0.53344	100	0.3
2073.402	1470.902	329.252	22.28988	0.327535	1.125302	479.5089	1392.99	0.330131	0.583271	119.5047	37.00073	0.434802	91.7	0
2073.554	1471.054	329.2564	22.18213	0.299691	1.42574	479.7554	1395.467	0.303298	0.531776	227.598	55.93898	0.660449	100	0.9
2073.707	1471.207	329.2608	22.26177	0.291365	1.530155	480.8346	1394.59	0.295322	0.515026	261.7202	63.94655	0.752381	100	1.3
2073.859	1471.359	329.2651	22.24508	0.289991	1.571578	482.4175	1394.072	0.294024	0.507261	274.2263	67.25513	0.791892	100	1.5
2074.011	1471.511	329.2695	22.24142	0.283063	1.724613	484.28	1405.993	0.287404	0.489832	307.4138	77.5283	0.913008	100	2
2074.164	1471.664	329.2739	22.3166	0.297103	1.501587	486.6485	1411.865	0.300897	0.518866	248.7275	60.74013	0.712975	100	1.1
2074.316	1471.816	329.2783	22.36719	0.275118	1.863472	490.0199	1417.271	0.279844	0.473897	339.8374	91.43798	1.070969	100	2.7
2074.469	1471.969	329.2827	22.44732	0.267046	2.140534	493.7099	1420.604	0.272155	0.455257	376.1721	119.1033	1.390191	100	4.1
2074.621	1472.121	329.2871	22.47458	0.267677	2.135742	495.8272	1421.523	0.272779	0.455833	374.5149	117.315	1.367723	100	4
2074.773	1472.273	329.2915	22.54359	0.275408	2.119546	495.2024	1423.067	0.280186	0.467309	348.4577	96.35103	1.119997	100	3
2074.926	1472.426	329.2959	22.62575	0.282472	2.088964	491.6984	1427.212	0.286967	0.47708	325.6157	84.63373	0.980347	100	2.4
2075.078	1472.578	329.3002	22.62787	0.282198	2.12936	487.4856	1428.332	0.286726	0.475515	328.1073	85.73064	0.992973	100	2.4
2075.23	1472.73	329.3046	22.62999	0.276118	2.141598	484.9006	1436.802	0.280929	0.466288	348.84	96.5862	1.118617	100	3
2075.383	1472.883	329.309	22.63211	0.281575	1.824701	485.4852	1442.307	0.286172	0.487868	311.8247	79.12381	0.916301	100	2.1
2075.535	1473.035	329.3134	22.5448	0.284557	1.730995	487.3018	1444.655	0.28905	0.504959	284.2669	70.10116	0.814863	100	1.6
2075.688	1473.188	329.3178	22.45442	0.292714	1.640522	490.7151	1445.214	0.296896	0.527612	242.1795	59.20145	0.690851	100	1.1
2075.84	1473.34	329.3222	22.41943	0.306892	1.544267	492.7836	1432.334	0.310551	0.556343	183.6866	47.25764	0.552312	100	0.5
2075.993	1473.493	329.3266	22.32757	0.316419	1.475766	492.8811	1426.134	0.319757	0.566535	156.9172	42.66817	0.500666	100	0.3

2076.145	1473.645	329.331	22.32966	0.28522	2.115983	489.8189	1414.709	0.289772	0.496845	294.4688	73.20407	0.858903	100	1.9
2076.297	1473.797	329.3354	22.37032	0.273191	2.414812	485.3848	1404.275	0.278281	0.468866	348.9377	96.64656	1.131968	100	3.1
2076.45	1473.95	329.3398	22.41933	0.270399	2.41014	483.0885	1398.336	0.275636	0.468829	352.6393	99.01456	1.157259	100	3.3
2076.602	1474.102	329.3441	22.46983	0.276327	2.145003	484.6439	1391.019	0.281322	0.483718	324.2449	84.04505	0.980171	100	2.5
2076.755	1474.255	329.3485	22.43783	0.287895	1.837128	489.1201	1393.984	0.292423	0.504475	280.2816	68.94906	0.805233	100	1.6
2076.907	1474.407	329.3529	22.34286	0.294885	1.768717	493.6455	1396.306	0.299152	0.511651	261.0921	63.78648	0.748015	100	1.3
2077.059	1474.559	329.3573	22.34625	0.295462	1.826499	496.6075	1406.464	0.299728	0.505812	268.3547	65.67193	0.77002	100	1.4
2077.212	1474.712	329.3617	22.43374	0.28424	2.084062	497.7328	1412.427	0.288983	0.484549	312.5258	79.38404	0.927291	100	2.2
2077.364	1474.864	329.3661	22.52085	0.284901	2.101414	497.7974	1420.168	0.289638	0.490496	303.4149	76.1393	0.886067	100	2
2077.517	1475.017	329.3705	22.53595	0.279193	2.289427	497.084	1423.253	0.284193	0.487407	315.1926	80.39147	0.934954	100	2.3
2077.669	1475.169	329.3749	22.4365	0.277789	2.407857	495.534	1423.286	0.282871	0.486747	317.9274	81.45536	0.951401	100	2.4
2077.821	1475.321	329.3792	22.44666	0.2735	2.450871	493.7691	1418.826	0.278792	0.479423	333.6637	88.31354	1.031063	100	2.8
2077.974	1475.474	329.3837	22.52837	0.281946	2.332329	492.6768	1419.243	0.286893	0.494616	301.5179	75.4979	0.878354	100	2.1
2078.126	1475.626	329.388	22.31667	0.292708	2.076193	492.592	1423.538	0.297233	0.513162	261.6548	63.92985	0.750609	100	1.5
2078.279	1475.779	329.3924	22.38269	0.304144	1.855038	493.6159	1426.602	0.308249	0.532359	219.9619	54.31295	0.635879	100	0.9
2078.431	1475.931	329.3968	22.39327	0.302723	1.767629	495.1957	1426.125	0.306903	0.525465	231.3327	56.75423	0.664164	100	1
2078.583	1476.083	329.4012	22.31406	0.294429	1.912529	496.6528	1423.811	0.29895	0.50586	269.3619	65.93962	0.774317	100	1.5
2078.736	1476.236	329.4056	22.31615	0.309442	1.725491	496.5402	1424.46	0.313416	0.535235	208.8627	52.04179	0.611068	100	0.8
2078.888	1476.388	329.41	22.31824	0.313473	1.722421	494.6003	1428.956	0.317323	0.542191	193.871	49.13472	0.576887	100	0.6
2079.041	1476.541	329.4144	22.32033	0.313578	1.758508	492.0492	1435.83	0.317446	0.543474	191.9301	48.7711	0.572571	100	0.6
2079.193	1476.693	329.4188	22.40379	0.290327	2.07643	489.679	1440.432	0.295098	0.501101	281.2448	69.22469	0.809771	100	1.7
2079.345	1476.845	329.4231	22.48117	0.262785	2.604055	489.0905	1437.742	0.268779	0.446273	393.2284	142.6319	1.662922	100	5.4
2079.498	1476.998	329.4275	22.48328	0.255965	2.758404	489.6168	1430.783	0.262305	0.423671	433.3527	252.8091	2.947222	100	10.6
2079.65	1477.15	329.4319	22.40239	0.275702	2.252776	491.074	1418.454	0.281154	0.462377	353.9274	99.87764	1.168446	100	3.2
2079.803	1477.303	329.4363	22.32955	0.300183	1.775763	491.1887	1410.158	0.304652	0.519804	242.2506	59.21789	0.694973	100	1.1
2079.955	1477.455	329.4407	22.31272	0.300676	1.776478	489.6662	1383.761	0.305147	0.528811	229.1381	56.27354	0.660907	100	1
2080.107	1477.607	329.4451	22.25865	0.287221	1.946061	485.045	1361.95	0.292248	0.510865	271.7042	66.56827	0.783663	100	1.6
2080.26	1477.76	329.4495	22.17485	0.262028	2.525117	479.1982	1347.807	0.268186	0.461567	372.9414	115.6815	1.366843	100	4.2
2080.412	1477.912	329.4539	22.09713	0.251212	2.61922	473.6615	1341.884	0.257915	0.440638	415.9978	197.9172	2.346506	100	8.4
2080.564	1478.064	329.4582	22.00489	0.23062	3.172844	471.9334	1342.819	0.238423	0.389225	513.8449	446.3117	5.31305	100	22.3
2080.717	1478.217	329.4626	21.91522	0.24962	2.293391	474.757	1350.938	0.256445	0.429001	434.0847	254.9321	3.046887	100	11.2
2080.869	1478.369	329.467	21.83345	0.245474	2.544402	480.1394	1369.381	0.252531	0.417491	455.3702	313.3683	3.758966	100	14.4
2081.022	1478.522	329.4714	21.78537	0.243832	2.714096	486.2958	1382.863	0.250995	0.409412	468.6394	346.8102	4.169077	100	16.2
2081.174	1478.674	329.4758	21.73034	0.247191	2.919284	491.8226	1396.169	0.254203	0.408498	465.4729	339.0237	4.085548	100	15.7
2081.327	1478.827	329.4802	21.68526	0.28224	2.115247	495.3422	1407.226	0.287647	0.480435	320.047	82.30274	0.993838	100	2.4
2081.479	1478.979	329.4846	21.68729	0.310438	1.678028	496.4596	1421.728	0.314761	0.536115	205.7914	51.43165	0.621008	100	0.8
2081.631	1479.131	329.489	21.68932	0.306915	1.721176	495.9693	1427.6	0.311388	0.538195	207.5756	51.78515	0.625225	100	0.8
2081.784	1479.284	329.4934	21.69134	0.314061	1.72719	494.7573	1426.973	0.318297	0.561796	165.4718	44.08302	0.532191	100	0.5
2081.936	1479.436	329.4978	21.69337	0.301848	2.092249	493.6558	1426.663	0.306553	0.54257	208.2105	51.91158	0.626651	100	1
2082.089	1479.589	329.5022	21.78222	0.292673	2.346311	492.7277	1424.403	0.297758	0.518775	253.1854	61.81628	0.743264	100	1.5
2082.241	1479.741	329.5065	21.91125	0.26847	2.795069	492.0147	1425.917	0.274609	0.465682	358.3992	103.0471	1.231935	100	3.7
2082.393	1479.893	329.5109	21.91567	0.252281	2.88269	491.0238	1405.451	0.259209	0.431096	427.3785	235.1812	2.811085	100	10.3
2082.546	1480.046	329.5153	21.86347	0.243596	3.019444	489.8117	1398.993	0.250985	0.416541	458.8145	322.2573	3.860866	100	15
2082.698	1480.198	329.5197	21.97449	0.254835	2.742216	488.605	1385.86	0.261681	0.444292	405.7571	168.4512	2.008279	100	7
2082.851	1480.351	329.5241	22.03887	0.264957	2.443008	488.183	1380.505	0.271343	0.466924	361.191	105.1749	1.250354	100	3.7
2083.003	1480.503	329.5285	22.13682	0.270303	2.17198	488.6602	1383.453	0.276466	0.475271	342.6029	92.93786	1.100142	100	3
2083.155	1480.655	329.5329	22.19507	0.256658	2.411825	490.9036	1384.864	0.26348	0.438602	411.1279	182.7661	2.157989	100	7.4
2083.308	1480.808	329.5373	22.26884	0.258619	2.353588	492.2592	1383.543	0.265367	0.440989	405.2283	167.1617	1.967421	100	6.6
2083.46	1480.96	329.5416	22.37479	0.265569	2.241458	493.2155	1386.532	0.272012	0.459141	371.0084	113.756	1.332728	100	4
2083.613	1481.113	329.5461	22.36653	0.28587	1.86609	493.0017	1397.232	0.291445	0.502749	284.0117	70.02646	0.820708	100	1.7
2083.765	1481.265	329.5504	22.36014	0.278899	2.035355	492.2379	1415.708	0.284791	0.484859	317.8833	81.43792	0.954724	100	2.3
2083.917	1481.417	329.5548	22.44371	0.288643	1.847256	491.3669	1435.672	0.294147	0.501473	282.0437	69.45464	0.811311	100	1.6
2084.07	1481.57	329.5592	22.4458	0.299101	1.734432	491.2758	1449.32	0.304212	0.525975	234.3432	57.42134	0.670694	100	1
2084.222	1481.722	329.5636	22.4479	0.302994	1.777203	491.962	1457.062	0.307977	0.535494	216.01	53.49212	0.624749	100	0.9
2084.375	1481.875	329.568	22.44999	0.313735	1.715766	492.5343	1458.172	0.318347	0.555682	173.8405	45.51348	0.531522	100	0.5
2084.527	1482.027	329.5724	22.39818	0.30966	1.779086	492.8855	1456.867	0.314439	0.543252	196.386	49.61016	0.580668	100	0.7
2084.679	1482.179	329.5768	22.33265	0.306859	1.812686	492.8284	1442.574	0.311762	0.533054	214.1536	53.11125	0.623421	100	0.8
2084.832	1482.332	329.5812	22.4461	0.288906	1.957737	490.747	1421.196	0.294528	0.498204	286.0304	70.62113	0.824901	100	1.7
2084.984	1482.484	329.5855	22.48979	0.277366	2.001116	484.5776	1381.993	0.283495	0.483589	321.4244	82.86472	0.966102	100	2.4
2085.137	1482.637	329.5899	22.46866	0.268759	2.199423	472.9594	1326.442	0.275291	0.476216	342.9198	93.11405	1.086597	100	3
2085.289	1482.789	329.5943	22.55699	0.263787	2.299208	459.2812	1289.801	0.27057	0.463014	367.6545	110.6122	1.28591	100	3.8
2085.441	1482.941	329.5987	22.57357	0.269591	1.746013	452.1342	1273.078	0.276129	0.465074	357.1407	102.1266	1.186428	100	3.2
2085.594	1483.094	329.6031	22.61677	0.269466	1.426752	455.8456	1289.524	0.276031	0.453944	372.6355	115.3709	1.337826	100	3.6
2085.746	1483.246	329.6075	22.63106	0.286544	1.108011	467.5428	1322.352	0.292391	0.493313	295.7283	73.60418	0.852992	100	1.5
2085.899	1483.399	329.6119	22.64765	0.308981	1.029759	480.5484	1362.312	0.313977	0.544888	194.7666	49.30348	0.570974	100	0.4
2086.051	1483.551	329.6163	22.74456	0.311101	1.199524	488.9305	1370.167	0.316042	0.554046	179.279	46.4685	0.535929	100	0.3
2086.203	1483.703	329.6206	22.83401	0.315267	1.43933	492.3481	1395.832	0.320081	0.566247	156.8676	42.66011	0.490148	100	0.2
2086.356	1483.856	329.6251	22.88868	0.3092	1.829226	493.2982	1412.186	0.314253	0.553785	182.1085	46.97353	0.538466	100	0.6
2086.508	1484.008	329.6294	22.95092	0.313951	1.914318	492.4579	1429.443	0.318854	0.559812	167.4406	44.41537	0.507812	100	0.5
2086.661	1484.161	329.6338	22.95349	0.313171	2.027053	489.7581	1424.539	0.318123	0.555563	174.3132	45.59567	0.521256	100	0.5
2086.813	1484.313	329.6382	22.90544	0.300202	2.34381	483.2888	1415.464	0.305655	0.535949	218.5858	54.02556	0.618885	100	1
2086.965	1484.465	329.6426	22.85636	0.287501	2.588218	474.3796	1401.437	0.293479	0.510959	269.8749	66.07655	0.758513	100	1.7
2087.118	1484.618	329.647	22.85849	0.283217	2.369504	466.6775	1382.273	0.289395	0.495587	296.725	73.92368	0.848524	100	2
2087.27	1484.77	329.6514	22.86062	0.28218	1.947764	464.544	1365.774	0.288423	0.482259	316.458	80.87974	0.928294	100	2.1
2087.423	1484.923	329.6558	22.86275	0.264757	1.892905	466.0931	1340.678	0.271793	0.447575	387.272	133.1957	1.528625	100	4.6
2087.575	1485.075	329.6602	22.83111	0.281573	1.49372	470.6307	1315.073	0.287884	0.4972	296.5846	73.87853	0.849014	100	1.7
2087.728	1485.228	329.6646	22.90777	0.263778	1.913432	474.6709	1300.47	0.270903	0.465121	364.2874	107.685	1.233527	100	3.5
2087.88	1485.38	329.6689	22.96674	0.279039	1.734759	479.2546	1302.348	0.285502	0.496246	301.1882	75.38753	0.861427	100	1.9
2088.032	1485.532	329.6733	22.85496	0.266633	2.043048	481.9401	1308.929	0.273669	0.468064	356.4097	101.6025	1.166474	100	3.3
2088.185	1485.685	329.6777	22.85709	0.263312	2.15019	483.4523	1320.714	0.270523	0.469832	358.3111	102.9818	1.182215	100	3.4

2088.337	1485.837	329.6821	22.86322	0.244457	2.787145	483.5272	1327.912	0.252614	0.433324	433.4061	252.9643	2.903267	100	11
2088.489	1485.989	329.6865	22.86981	0.268973	2.166745	483.9368	1335.713	0.275966	0.489107	324.1993	84.0256	0.964101	100	2.5
2088.642	1486.142	329.6909	22.80615	0.292846	1.785966	484.6811	1342.143	0.298843	0.528935	237.6657	58.16823	0.669224	100	1.1
2088.794	1486.294	329.6953	22.80828	0.297096	1.767775	485.6959	1355.448	0.302947	0.535079	223.5244	55.06486	0.633469	100	0.9
2088.947	1486.447	329.6997	22.8104	0.296815	1.814583	485.8813	1362.621	0.302697	0.533448	226.12	55.62004	0.639804	100	1
2089.099	1486.599	329.7041	22.73481	0.282077	2.097676	486.2172	1374.982	0.28858	0.504497	285.5535	70.47987	0.813354	100	1.8
2089.251	1486.751	329.7084	22.73692	0.261196	2.609899	484.6752	1368.81	0.268656	0.460975	373.1095	115.8531	1.336864	100	4.2
2089.404	1486.904	329.7128	22.73904	0.260459	2.635572	483.9189	1354.713	0.267974	0.462109	372.4852	115.2192	1.329442	100	4.2
2089.556	1487.056	329.7172	22.66096	0.259503	2.720225	484.1075	1348.672	0.267085	0.457413	380.1937	123.7571	1.43273	100	4.6
2089.708	1487.208	329.7216	22.58514	0.293937	1.856848	491.8025	1361.075	0.300039	0.522545	244.8341	59.8194	0.694784	100	1.2
2089.861	1487.361	329.726	22.6416	0.293671	1.784244	495.7626	1381.296	0.299806	0.517309	252.3825	61.62068	0.713985	100	1.2
2090.013	1487.513	329.7304	22.71227	0.296559	1.638087	497.0855	1400.609	0.302601	0.524742	238.2672	58.30468	0.673535	100	1
2090.166	1487.666	329.7348	22.60169	0.275457	1.937446	494.6284	1410.127	0.282395	0.487945	316.9319	81.06435	0.940898	100	2.3
2090.318	1487.818	329.7392	22.64556	0.272826	2.089725	489.7767	1415.881	0.279901	0.484235	325.4914	84.57991	0.979871	100	2.5
2090.471	1487.971	329.7436	22.74717	0.288652	1.888684	483.595	1435.751	0.295074	0.517455	258.71	63.18425	0.728842	100	1.4
2090.623	1488.123	329.7479	22.74928	0.288588	2.123659	478.7869	1449.621	0.295034	0.513004	264.9074	64.76742	0.747045	100	1.5
2090.775	1488.275	329.7523	22.79417	0.29618	2.182545	477.3651	1463.313	0.302344	0.527528	234.7764	57.51808	0.662171	100	1.2
2090.928	1488.428	329.7567	22.84299	0.286474	2.431421	477.3846	1396.559	0.293049	0.50996	271.8469	66.60685	0.765228	100	1.7
2091.08	1488.58	329.7611	22.91528	0.273243	2.610454	477.6162	1342.261	0.280407	0.48883	318.4527	81.66342	0.935356	100	2.5
2091.233	1488.733	329.7655	23.00091	0.254492	3.103822	477.1259	1302.806	0.262551	0.45614	388.2071	134.5786	1.535905	100	5.2
2091.385	1488.885	329.7699	23.00304	0.251562	2.896291	476.0303	1296.02	0.259786	0.456048	392.1489	140.8064	1.606853	100	5.5
2091.537	1489.037	329.7743	23.00518	0.260187	2.433266	475.3957	1303.386	0.268014	0.475174	354.4003	100.1999	1.143368	100	3.4
2091.69	1489.19	329.7787	23.00732	0.273293	1.917711	477.0953	1306.223	0.28054	0.496609	307.5348	77.57116	0.885084	100	2.1
2091.842	1489.342	329.783	23.00945	0.281389	1.737792	480.082	1305.286	0.288305	0.506607	283.0216	69.73781	0.795642	100	1.6
2091.995	1489.495	329.7875	23.06115	0.280134	1.760989	483.6612	1300.505	0.287125	0.50868	281.7892	69.38126	0.789868	100	1.6
2092.147	1489.647	329.7918	23.11382	0.270704	2.027148	486.4665	1301.238	0.27813	0.498988	307.5785	77.58666	0.881347	100	2.1
2092.299	1489.799	329.7962	23.16776	0.272554	2.063812	488.8297	1307.668	0.279918	0.506961	294.1068	73.08982	0.828406	100	1.9
2092.452	1489.952	329.8006	23.16992	0.281387	1.887544	491.3062	1327.997	0.288389	0.512167	275.2334	67.53239	0.765356	100	1.6
2092.604	1490.104	329.805	23.17207	0.299718	1.702172	493.6785	1341.677	0.306	0.53371	221.201	54.57318	0.618438	100	0.8
2092.757	1490.257	329.8094	23.17422	0.312828	1.634378	497.5772	1359.217	0.318646	0.55022	180.9656	46.76886	0.529955	100	0.5
2092.909	1490.409	329.8138	23.08299	0.30761	1.653363	498.4229	1361.336	0.313638	0.54471	195.4796	49.43827	0.562346	100	0.6
2093.062	1490.562	329.8182	23.08513	0.302914	1.519443	498.2767	1369.863	0.309138	0.542284	205.0372	51.283	0.583283	100	0.6
2093.214	1490.714	329.8226	23.08727	0.311208	1.210389	498.6984	1372.58	0.317148	0.558444	171.6839	45.14036	0.513377	100	0.3
2093.366	1490.866	329.8269	23.08942	0.317697	1.177871	500.5673	1380.934	0.323428	0.563569	155.9432	42.51003	0.483424	100	0.1
2093.519	1491.019	329.8313	23.09156	0.324596	1.223887	503.8669	1388.8	0.330114	0.568982	139.2472	39.88978	0.45359	100	0
2093.671	1491.171	329.8357	23.0937	0.307227	1.493923	505.7753	1389.892	0.313375	0.53206	213.2996	52.93701	0.601903	100	0.7
2093.823	1491.323	329.8401	23.09584	0.308388	1.453447	506.7963	1390.007	0.314515	0.536022	206.2588	51.52401	0.58579	100	0.6
2093.976	1491.476	329.8445	23.01807	0.300924	1.489752	507.4229	1382.014	0.307351	0.520869	237.0565	58.03045	0.661923	100	0.9
2094.128	1491.628	329.8489	22.93099	0.309133	1.337803	507.9871	1380.896	0.315275	0.539616	200.2504	50.35014	0.576431	100	0.5
2094.281	1491.781	329.8533	22.93312	0.297081	1.476739	506.9315	1381.211	0.303699	0.517101	247.2957	60.39952	0.691426	100	1
2094.433	1491.933	329.8577	23.01365	0.298154	1.45211	504.5891	1384.883	0.304751	0.522291	238.6814	58.39883	0.666268	100	0.9
2094.585	1492.085	329.862	23.01578	0.306484	1.372712	501.1379	1387.492	0.312788	0.542242	200.0592	50.31325	0.573975	100	0.5
2094.738	1492.238	329.8665	23.01791	0.318939	1.259859	497.3243	1390.558	0.324819	0.565602	151.2197	41.75154	0.476265	100	0.1
2094.89	1492.39	329.8708	23.04038	0.307363	1.519638	495.6054	1391.792	0.313676	0.543129	197.6091	49.84312	0.568036	100	0.6
2095.042	1492.542	329.8752	23.07948	0.289896	1.96236	493.4994	1393.092	0.296906	0.509013	267.8326	65.5338	0.745639	100	1.4
2095.195	1492.695	329.8796	23.01529	0.269158	2.597338	491.1201	1393.883	0.277079	0.475333	341.6719	92.42539	1.054454	100	3
2095.347	1492.847	329.884	22.95294	0.269066	2.623754	489.3612	1392.377	0.277012	0.48457	329.017	86.14016	0.985337	100	2.7
2095.5	1493	329.8884	22.88443	0.259898	2.905772	489.3931	1390.962	0.268292	0.470179	360.9106	104.9556	1.204049	100	3.8
2095.652	1493.152	329.8928	22.88655	0.276721	2.46379	491.1387	1387.543	0.28437	0.501582	295.3856	73.49489	0.843065	100	2.1
2095.805	1493.305	329.8972	22.88867	0.279695	2.454623	492.5374	1384.274	0.287237	0.502415	290.2808	71.90171	0.824723	100	2
2095.957	1493.457	329.9016	22.89079	0.286836	2.402883	492.4862	1384.772	0.294099	0.51273	266.576	65.20301	0.747829	100	1.6
2096.109	1493.609	329.9059	22.89291	0.286021	2.224998	490.9392	1387.877	0.293339	0.512467	267.9872	65.57465	0.752031	100	1.6
2096.262	1493.762	329.9103	22.89503	0.278584	2.331351	489.1804	1395.316	0.286237	0.499167	296.1428	73.73672	0.845569	100	2
2096.414	1493.914	329.9147	22.89715	0.273873	2.381623	488.985	1400.342	0.281753	0.489425	315.7742	80.61506	0.924372	100	2.4
2096.567	1494.067	329.9191	22.9387	0.271579	2.641961	490.1255	1401.834	0.279583	0.481447	329.7796	86.48734	0.989979	100	2.7
2096.719	1494.219	329.9235	22.94083	0.262884	3.063634	492.3627	1401.63	0.271307	0.458365	373.0528	115.7951	1.325345	100	4.2
2096.871	1494.371	329.9279	22.94295	0.283396	2.51749	492.9811	1395.48	0.290929	0.503358	283.8834	69.98893	0.801002	100	1.9
2097.024	1494.524	329.9323	22.94508	0.294082	2.19533	492.033	1387.207	0.301201	0.525008	239.8319	58.66136	0.671308	100	1.2
2097.176	1494.676	329.9367	22.9472	0.305911	1.846837	488.9731	1379.779	0.312597	0.550608	188.7775	48.18643	0.551391	100	0.6
2097.329	1494.829	329.9411	22.94933	0.299582	1.815213	485.8738	1375.548	0.306529	0.539093	213.0425	52.88468	0.605104	100	0.8
2097.481	1494.981	329.9455	22.95145	0.289302	1.816933	483.8354	1371.568	0.296676	0.517052	257.0558	62.77051	0.71816	100	1.3
2097.633	1495.133	329.9498	22.95357	0.294619	1.617823	483.1916	1367.572	0.301801	0.525608	238.1754	58.28384	0.666775	100	1
2097.786	1495.286	329.9542	22.9557	0.284165	1.849473	483.6656	1367.251	0.291794	0.503838	282.0287	69.4503	0.794457	100	1.6
2097.938	1495.438	329.9586	22.87023	0.285754	1.89476	485.3104	1368.016	0.293337	0.511281	269.6267	66.01026	0.757842	100	1.5
2098.091	1495.591	329.963	22.78112	0.279639	1.981641	488.5146	1368.081	0.287502	0.498221	295.7028	73.59603	0.848137	100	1.9
2098.243	1495.743	329.9674	22.87539	0.307108	1.58547	492.2167	1366.707	0.313899	0.549834	188.0496	48.05247	0.551565	100	0.5
2098.396	1495.896	329.9718	22.87751	0.310828	1.668167	495.8482	1367.648	0.317504	0.554425	176.7377	46.0197	0.52819	100	0.5
2098.548	1496.048	329.9762	22.87962	0.306692	1.872084	497.1914	1372.399	0.31354	0.548772	190.0093	48.414	0.555626	100	0.6
2098.7	1496.2	329.9806	22.80224	0.289683	2.313362	497.1405	1378.551	0.297212	0.512664	262.3724	64.11335	0.738223	100	1.5
2098.853	1496.353	329.985	22.72453	0.296701	2.119866	495.8208	1381.045	0.303971	0.522114	240.0023	58.70037	0.678139	100	1.2
2099.005	1496.505	329.9893	22.76398	0.295655	1.979617	494.8328	1378.385	0.302987	0.511977	255.3494	62.34746	0.719072	100	1.3
2099.157	1496.657	329.9937	22.78037	0.294754	1.882244	494.1244	1378.365	0.302143	0.509003	260.6177	63.66592	0.733774	100	1.3
2099.31	1496.81	329.9981	22.79541	0.306839	1.685582	493.4159	1381.436	0.313788	0.534464	209.4135	52.15202	0.600694	100	0.7
2099.462	1496.962	330.0025	22.90347	0.312844	1.643179	492.8151	1385.785	0.319596	0.547488	183.4244	47.21031	0.541298	100	0.5
2099.615	1497.115	330.0069	22.92111	0.30844	1.667753	492.1158	1392.656	0.315372	0.539432	200.3706	50.37335	0.57714	100	0.6
2099.767	1497.267	330.0113	22.87188	0.296684	1.847548	492.4424	1389.236	0.304082	0.51895	244.2165	59.67495	0.685141	100	1.1
2099.919	1497.419	330.0157	22.81979	0.29958	1.771801	490.2904	1387.47	0.306888	0.531044	223.6549	55.09264	0.633933	100	0.9
2100.072	1497.572	330.0201	22.73274	0.298049	1.844923	488.9584	1385.629	0.305436	0.531463	225.0786	55.39653	0.639798	100	1
2100.224	1497.724	330.0245	22.74669	0.295069	1.882202	486.4563	1379.686	0.302595	0.525427	237.3302	58.0923	0.670541	100	1.1
2100.376	1497.876	330.0288	22.72908	0.277593	2.185302	483.1739	1378.906	0.285863	0.490558	308.5396	77.92893	0.900193	100	2.2

2100.529	1498.029	330.0332	22.72753	0.263653	2.367498	480.1404	1378.05	0.27257	0.46732	358.9522	103.4589	1.195192	100	3.5
2100.681	1498.181	330.0376	22.69946	0.260081	2.34537	479.2907	1392.648	0.269188	0.466508	364.7399	108.0659	1.24992	100	3.8
2100.834	1498.334	330.042	22.77163	0.285936	1.688469	481.7766	1399.953	0.293915	0.517738	259.9183	63.48876	0.732083	100	1.3
2100.986	1498.486	330.0464	22.77374	0.305453	1.54166	485.8535	1398.597	0.312687	0.551839	186.954	47.85159	0.551728	100	0.5
2101.139	1498.639	330.0508	22.77584	0.291484	1.942717	487.7412	1400.279	0.29928	0.52286	245.4479	59.96341	0.691322	100	1.2
2101.291	1498.791	330.0552	22.77794	0.270703	2.55914	486.3962	1373.471	0.279404	0.483683	326.9404	85.21248	0.982343	100	2.7
2101.443	1498.943	330.0596	22.78004	0.270144	2.368747	482.2815	1357.136	0.278891	0.48692	323.181	83.59501	0.96362	100	2.6
2101.596	1499.096	330.064	22.70263	0.270765	2.229589	478.2896	1330.953	0.279506	0.48876	319.7928	82.20001	0.950676	100	2.5
2101.748	1499.248	330.0683	22.62875	0.26731	2.123549	475.8766	1321.151	0.276228	0.483215	331.9682	87.50414	1.015229	100	2.7
2101.901	1499.401	330.0727	22.70348	0.283223	1.685606	476.7437	1307.54	0.291464	0.513896	268.6021	65.73754	0.760268	100	1.5
2102.053	1499.553	330.0771	22.70558	0.270145	1.899751	479.3923	1300.619	0.278977	0.486244	323.9946	83.93863	0.97069	100	2.4
2102.205	1499.705	330.0815	22.70346	0.268407	2.072076	483.0975	1286.866	0.277339	0.482288	331.7161	87.38543	1.010651	100	2.7
2102.358	1499.858	330.0859	22.67133	0.258262	2.436431	487.239	1281.708	0.267689	0.462975	371.6844	114.4195	1.325141	100	4.1
2102.51	1500.01	330.0903	22.6106	0.255788	2.527433	489.7503	1284.458	0.265355	0.4583	381.3558	125.1912	1.453678	100	4.7
2102.663	1500.163	330.0947	22.54525	0.261511	2.651438	490.3002	1293.336	0.270826	0.468142	360.2244	104.4243	1.215958	100	3.7
2102.815	1500.315	330.0991	22.48096	0.260408	2.834892	487.8534	1311.492	0.269796	0.464317	366.9239	109.9584	1.28396	100	4
2102.967	1500.467	330.1034	22.48304	0.249507	3.121254	484.9889	1340.517	0.259448	0.450165	400.7336	156.9722	1.832784	100	6.5
2103.12	1500.62	330.1079	22.48511	0.243564	3.054506	484.8086	1384.134	0.253828	0.445457	414.9866	194.5825	2.271736	100	8.5
2103.272	1500.772	330.1122	22.57331	0.256987	2.612811	487.8547	1417.74	0.266602	0.476332	354.7515	100.4411	1.168213	100	3.6
2103.425	1500.925	330.1166	22.6658	0.282505	2.123337	493.4538	1440.837	0.290988	0.51659	265.5425	64.93273	0.752243	100	1.6
2103.577	1501.077	330.121	22.66789	0.27643	2.532245	498.0865	1445.853	0.285195	0.495989	301.9655	75.64828	0.876313	100	2.2
2103.729	1501.229	330.1254	22.66998	0.279266	2.544943	500.6032	1440.486	0.28793	0.495744	298.5302	74.5091	0.863048	100	2.1
2103.882	1501.382	330.1298	22.67207	0.272759	2.773553	501.2679	1425.816	0.281728	0.477561	332.1809	87.60459	1.014654	100	2.8
2104.034	1501.534	330.1342	22.75322	0.281538	2.519429	499.5518	1412.068	0.290147	0.494446	297.2624	74.09704	0.855252	100	2.1
2104.187	1501.687	330.1386	22.83524	0.270012	2.986016	490.2801	1378.358	0.279146	0.472314	342.9851	93.15046	1.071445	100	3.1
2104.339	1501.839	330.143	22.79988	0.249984	3.443854	471.7081	1339.761	0.260091	0.436687	418.4464	206.436	2.378077	100	8.8
2104.491	1501.991	330.1473	22.72817	0.249995	2.899937	447.3218	1277.233	0.260123	0.436145	419.1504	209.0078	2.41508	100	8.8
2104.644	1502.144	330.1517	22.79625	0.26233	1.726871	430.3347	1246.756	0.271881	0.45476	377.2345	120.2881	1.385921	100	4.1
2104.796	1502.296	330.1561	22.78118	0.285371	1.077027	430.901	1237.555	0.293924	0.490123	298.0156	74.34132	0.857094	100	1.6
2104.949	1502.449	330.1605	22.76784	0.301642	0.961096	444.1859	1240.207	0.309569	0.51848	237.2924	58.08375	0.670044	100	0.7
2105.101	1502.601	330.1649	22.82106	0.285624	1.335499	461.644	1244.896	0.294209	0.494166	292.0424	72.44439	0.833828	100	1.6
2105.253	1502.753	330.1693	22.87737	0.280885	1.658535	472.4362	1254.457	0.289691	0.505482	282.6613	69.63325	0.799571	100	1.6
2105.406	1502.906	330.1737	22.96921	0.281735	1.786491	477.8553	1260.1	0.290525	0.519425	262.2687	64.0868	0.733044	100	1.4
2105.558	1503.058	330.1781	23.02029	0.281402	1.915381	481.665	1278.515	0.290228	0.515129	268.6084	65.73923	0.750339	100	1.5
2105.71	1503.21	330.1824	23.08484	0.280026	2.014994	484.9893	1302.894	0.288931	0.497801	294.3089	73.15355	0.832716	100	1.9
2105.863	1503.363	330.1869	23.15722	0.286691	1.903738	489.0721	1329.328	0.295338	0.505399	274.9834	67.46339	0.765633	100	1.5
2106.015	1503.515	330.1912	23.25528	0.292419	1.842358	492.6485	1341.528	0.300854	0.520533	246.4853	60.20776	0.680513	100	1.2
2106.168	1503.668	330.1956	23.25742	0.289297	1.962252	494.3879	1347.446	0.297879	0.520832	250.1783	61.08773	0.690404	100	1.3
2106.32	1503.82	330.2	23.25956	0.290692	1.940735	495.0125	1349.973	0.299239	0.522092	246.5636	60.22627	0.680614	100	1.2
2106.473	1503.973	330.2044	23.2617	0.294472	1.91176	495.0289	1354.371	0.302889	0.521443	242.4223	59.25764	0.669615	100	1.1
2106.625	1504.125	330.2088	23.26384	0.30553	1.722484	495.0452	1365.241	0.313544	0.534592	209.5723	52.18386	0.589634	100	0.7
2106.777	1504.277	330.2132	23.26598	0.28916	2.051618	495.0616	1373.783	0.297833	0.50065	278.0942	68.32956	0.772006	100	1.6
2106.93	1504.43	330.2176	23.34963	0.278266	2.20895	495.078	1383.075	0.287416	0.488152	309.7155	78.35213	0.882191	100	2.1
2107.082	1504.582	330.222	23.43018	0.250847	2.886148	494.9809	1388.309	0.261292	0.446184	403.6833	163.5071	1.834886	100	6.4
2107.235	1504.735	330.2264	23.31721	0.271683	2.22669	494.7734	1390.856	0.281165	0.49671	306.5325	77.2177	0.870601	100	2.2
2107.387	1504.887	330.2307	23.30936	0.273588	2.277772	494.344	1390.271	0.283006	0.497947	302.2858	75.75624	0.85441	100	2.1
2107.54	1505.04	330.2352	23.31602	0.282091	2.296162	494.0225	1387.677	0.291162	0.506506	279.218	68.64674	0.77402	100	1.7
2107.692	1505.192	330.2395	23.35446	0.289358	2.248745	493.5322	1384.473	0.298149	0.517956	253.7748	61.96037	0.697525	100	1.4
2107.844	1505.344	330.2439	23.42348	0.283622	2.501336	492.6533	1381.032	0.292671	0.505465	278.5725	68.46427	0.768559	100	1.7
2107.997	1505.497	330.2483	23.49784	0.310211	1.875232	491.67	1379.109	0.318243	0.560183	167.7727	44.47166	0.497706	100	0.4
2108.149	1505.649	330.2527	23.57148	0.295118	2.165245	491.1365	1383.966	0.303742	0.530922	228.1642	56.06172	0.625532	100	1.1
2108.301	1505.801	330.2571	23.57371	0.299754	2.030754	491.715	1392.098	0.308219	0.536978	213.629	53.00413	0.591368	100	0.9
2108.454	1505.954	330.2615	23.57594	0.290913	2.214913	492.8555	1405.115	0.299746	0.513857	257.2268	62.81311	0.700749	100	1.4
2108.606	1506.106	330.2659	23.57817	0.299973	1.961243	494.6564	1412.637	0.308471	0.532026	220.1143	54.34488	0.606227	100	0.9
2108.759	1506.259	330.2703	23.5804	0.302893	1.931721	496.4142	1420.309	0.311301	0.544478	199.0247	50.11418	0.558987	100	0.7
2108.911	1506.411	330.2746	23.58264	0.28078	2.502767	499.3362	1416.863	0.290097	0.509859	276.0607	67.76145	0.755768	100	1.7
2109.063	1506.563	330.279	23.58487	0.275894	2.819462	502.4765	1407.277	0.285443	0.501742	293.6851	72.95713	0.813651	100	2.1
2109.216	1506.716	330.2834	23.5871	0.272667	3.098628	504.5107	1386.606	0.28238	0.48741	317.6897	81.36157	0.907307	100	2.5
2109.368	1506.868	330.2878	23.58933	0.2796	3.01303	500.8813	1373.044	0.289031	0.490218	304.636	76.55796	0.85367	100	2.2
2109.521	1507.021	330.2922	23.59156	0.275	2.941384	488.4859	1339.032	0.284651	0.48268	321.0834	82.72474	0.922358	100	2.5
2109.673	1507.173	330.2966	23.59379	0.239882	2.279705	467.1895	1295.398	0.251247	0.437658	429.3118	240.9448	2.686248	100	10.2
2109.825	1507.325	330.301	23.65962	0.200378	2.299186	445.8408	1257.661	0.214061	0.393724	541.2567	497.6929	5.533854	100	26.7
2109.978	1507.478	330.3054	23.66186	0.172238	2.306012	436.9224	1231.1	0.187871	0.357775	627.0081	627.9341	6.981438	100	39.7
2110.13	1507.63	330.3097	23.66409	0.208434	1.426724	442.2586	1225.967	0.221654	0.416875	498.8305	415.5028	4.619229	100	20.9
2110.283	1507.783	330.3142	23.66633	0.252912	1.099272	456.2838	1234.699	0.263698	0.479293	354.673	100.387	1.115932	100	3
2110.435	1507.935	330.3185	23.66857	0.275137	1.212893	469.5301	1245.382	0.284909	0.50094	295.5281	73.5403	0.817429	100	1.6
2110.587	1508.087	330.3229	23.57982	0.26793	1.624264	479.8961	1257.837	0.278046	0.476166	339.1879	91.09519	1.016242	100	2.6
2110.74	1508.24	330.3273	23.58205	0.273909	1.767881	487.5481	1281.73	0.283777	0.482772	322.1621	83.16955	0.927749	100	2.2
2110.892	1508.392	330.3317	23.5482	0.279252	1.900251	493.1852	1309.634	0.288909	0.494987	298.2238	74.40913	0.831186	100	1.8
2111.045	1508.545	330.3361	23.45513	0.29401	1.815117	496.5863	1341.605	0.303078	0.530029	230.3129	56.53027	0.633893	100	1
2111.197	1508.697	330.3405	23.3424	0.292635	1.885647	497.0933	1368.713	0.301779	0.52983	232.38	56.98528	0.64198	100	1
2111.349	1508.849	330.3449	23.44106	0.296699	1.901371	496.3888	1392.734	0.305704	0.535763	218.7765	54.06529	0.606615	100	0.9
2111.502	1509.002	330.3493	23.33782	0.306945	1.81473	496.1318	1398.952	0.315581	0.552312	182.3079	47.00933	0.529704	100	0.5
2111.654	1509.154	330.3536	23.2599	0.30683	2.012014	496.7778	1403.316	0.315492	0.551533	183.5051	47.22488	0.533859	100	0.6
2111.807	1509.307	330.358	23.18643	0.297645	2.4083	498.6921	1401.263	0.306676	0.533018	221.2219	54.57757	0.618873	100	1.1
2111.959	1509.459	330.3624	23.18862	0.288385	2.566283	500.4901	1405.761	0.297807	0.515935	257.0366	62.76573	0.711664	100	1.5
2112.111	1509.611	330.3668	23.19081	0.300533	2.15865	501.944	1413.224	0.309495	0.540755	206.6561	51.60265	0.585044	100	0.9
2112.264	1509.764	330.3712	23.193	0.302745	2.05355	501.8345	1418.298	0.311644	0.540904	203.4835	50.97821	0.577918	100	0.8
2112.416	1509.916	330.3756	23.19519	0.318935	1.757066	499.9926	1417.332	0.32727	0.567565	145.1273	40.79342	0.462419	100	0.3
2112.569	1510.069	330.38	23.19738	0.308276	1.910481	496.0959	1409.758	0.317011	0.542353	194.0778	49.17365	0.557369	100	0.7

2112.721	1510.221	330.3844	23.16063	0.304702	1.908763	491.7692	1401.625	0.31359	0.542956	197.9661	49.91133	0.566604	100	0.7
2112.874	1510.374	330.3888	23.07563	0.271459	2.521211	488.9599	1390.493	0.281731	0.483019	324.6453	84.21593	0.95945	100	2.6
2113.026	1510.526	330.3931	22.9528	0.269352	2.331464	488.8842	1381.107	0.27974	0.487716	320.9111	82.65425	0.94654	100	2.5
2113.178	1510.678	330.3975	22.84393	0.263796	2.310163	490.7926	1376.173	0.274461	0.475067	345.6516	94.67241	1.08918	100	3.1
2113.331	1510.831	330.4019	22.84603	0.276355	1.955364	492.3109	1367.397	0.286474	0.499225	295.7354	73.60643	0.846755	100	1.9
2113.483	1510.983	330.4063	22.93461	0.257403	2.316125	493.0889	1361.093	0.268412	0.46101	373.3972	116.1484	1.331169	100	4.1
2113.635	1511.135	330.4107	22.90093	0.238358	2.748522	491.3086	1355.065	0.250351	0.436826	431.6957	247.9738	2.846082	100	11
2113.788	1511.288	330.4151	22.86308	0.224079	3.168914	488.8123	1344.943	0.236879	0.415719	479.4159	372.4454	4.281578	100	18.3
2113.94	1511.44	330.4195	22.8197	0.241371	2.406242	486.0122	1339.266	0.253248	0.447982	412.3027	186.2178	2.144693	100	7.9
2114.093	1511.593	330.4239	22.78681	0.260284	2.035918	487.2602	1338.551	0.27124	0.467115	361.0702	105.0803	1.211926	100	3.5
2114.245	1511.745	330.4283	22.74178	0.272138	1.941325	488.9568	1347.266	0.28257	0.478273	330.0364	86.60507	1.00077	100	2.5
2114.397	1511.897	330.4326	22.65533	0.27591	2.035034	491.2758	1375.992	0.286196	0.481515	320.5581	82.51023	0.956986	100	2.4
2114.55	1512.05	330.437	22.76928	0.279028	2.038962	494.5181	1410.013	0.289199	0.483632	313.4927	79.74601	0.92045	100	2.2
2114.702	1512.202	330.4414	22.70166	0.28099	2.03446	496.8166	1453.462	0.291099	0.479511	316.5589	80.91896	0.936692	100	2.2
2114.854	1512.354	330.4458	22.79548	0.29574	1.72808	497.9264	1461.726	0.305266	0.506197	260.1806	63.55514	0.732768	100	1.3
2115.007	1512.507	330.4502	22.84617	0.315139	1.443338	496.2688	1450.176	0.323964	0.549952	173.9961	45.54051	0.523943	100	0.4
2115.159	1512.659	330.4546	22.84826	0.303007	1.621882	489.2168	1425.726	0.312296	0.531671	215.3264	53.35151	0.61376	100	0.8
2115.312	1512.812	330.459	22.78501	0.283773	1.861771	475.1883	1404.555	0.293849	0.513722	265.553	64.93546	0.749038	100	1.5
2115.464	1512.964	330.4634	22.7093	0.229885	3.106733	459.0366	1382.38	0.24259	0.438309	440.3592	272.8112	3.157102	100	12.9
2115.617	1513.117	330.4678	22.79616	0.204175	3.201672	453.5766	1363.496	0.218418	0.420045	498.922	415.6969	4.792936	100	22.7
2115.769	1513.269	330.4721	22.79825	0.212774	2.152792	460.3226	1341.2	0.226509	0.43248	470.5957	351.5619	4.053147	100	18
2115.921	1513.421	330.4765	22.8858	0.267777	1.174045	475.6745	1317.909	0.278637	0.513978	286.1917	70.66902	0.811731	100	1.6
2116.074	1513.574	330.4809	22.88789	0.291425	1.179562	484.3892	1281.256	0.301291	0.536906	223.2877	55.01455	0.631869	100	0.8
2116.226	1513.726	330.4853	22.92405	0.270594	1.521433	484.5132	1251.981	0.281368	0.489531	316.159	80.76374	0.926203	100	2.1
2116.379	1513.879	330.4897	23.01663	0.266799	1.57042	477.026	1235.619	0.277766	0.475911	339.9264	91.48523	1.045085	100	2.7
2116.531	1514.031	330.4941	23.12884	0.261888	1.508204	466.8573	1235.028	0.273105	0.459573	368.9049	111.7563	1.270674	100	3.6
2116.683	1514.183	330.4985	23.03849	0.256248	1.535454	461.2316	1243.468	0.267755	0.459138	376.8875	119.8978	1.368426	100	4.1
2116.836	1514.336	330.5029	23.14173	0.24625	1.605941	462.4119	1251.013	0.258275	0.457747	391.8903	140.377	1.595264	100	5.2
2116.988	1514.488	330.5073	23.14754	0.249516	1.468396	469.2624	1258.359	0.261397	0.469755	371.0115	113.759	1.292472	100	3.9
2117.141	1514.641	330.5117	23.13508	0.250588	1.47702	477.2921	1272.553	0.262436	0.459716	383.4298	127.8586	1.453435	100	4.5
2117.293	1514.793	330.516	23.10524	0.289177	1.201064	483.2639	1289.463	0.299302	0.521967	246.6493	60.24652	0.685715	100	1
2117.445	1514.945	330.5204	23.07304	0.30508	1.201638	486.7326	1313.573	0.314606	0.545451	193.1208	48.99384	0.558397	100	0.4
2117.598	1515.098	330.5248	22.99758	0.328102	1.065481	488.9174	1336.313	0.336845	0.588802	102.6066	34.69552	0.396694	83.1	0
2117.75	1515.25	330.5292	23.10954	0.312741	1.294823	489.9933	1357.507	0.32203	0.5653	155.4847	42.43581	0.482924	100	0.2
2117.903	1515.403	330.5336	23.02734	0.282153	1.768504	490.9619	1371.744	0.292654	0.509276	273.337	67.01174	0.765241	100	1.5
2118.055	1515.555	330.538	23.08795	0.269989	2.117431	492.2038	1384.627	0.281042	0.481567	327.5989	85.50392	0.973943	100	2.5
2118.208	1515.708	330.5424	23.17723	0.288858	1.808653	493.1632	1393.426	0.299123	0.515086	256.3916	62.60539	0.710465	100	1.3
2118.36	1515.86	330.5468	23.30553	0.298315	1.702233	493.1723	1401.044	0.308224	0.535909	215.096	53.30423	0.6017	100	0.8
2118.512	1516.012	330.5511	23.42089	0.313629	1.535871	492.5815	1409.803	0.322991	0.57271	143.9325	40.60814	0.45621	100	0.2
2118.665	1516.165	330.5556	23.42303	0.304224	1.659614	492.7299	1411.25	0.31395	0.555554	180.0838	46.61157	0.523614	100	0.5
2118.817	1516.317	330.5599	23.33683	0.305034	1.66777	495.3293	1409.155	0.31475	0.552623	183.0251	47.13834	0.531426	100	0.5
2118.969	1516.469	330.5643	23.37543	0.296779	1.731655	499.5874	1403.854	0.306832	0.527744	228.2851	56.08796	0.631319	100	0.9
2119.122	1516.622	330.5687	23.41842	0.28119	2.029979	502.8603	1396.266	0.2919	0.48991	301.1028	75.35898	0.846736	100	1.9
2119.274	1516.774	330.5731	23.46723	0.28474	1.94151	502.8483	1391.453	0.295321	0.49807	285.12	70.3519	0.788896	100	1.6
2119.427	1516.927	330.5775	23.5054	0.284275	2.064569	498.7149	1385.808	0.294897	0.500607	282.2052	69.50127	0.778144	100	1.6
2119.579	1517.079	330.5819	23.55626	0.274957	2.137613	492.4195	1376.195	0.285999	0.481701	320.5733	82.51641	0.921947	100	2.3
2119.731	1517.231	330.5863	23.65046	0.261872	2.048606	487.1025	1365.772	0.27353	0.464001	362.2075	105.9808	1.179574	100	3.4
2119.884	1517.384	330.5907	23.53642	0.25894	1.757685	484.4141	1354.848	0.270759	0.466837	362.1186	105.9097	1.184302	100	3.4
2120.036	1517.536	330.595	23.54569	0.256906	1.768702	485.3919	1348.578	0.268843	0.485542	338.9493	90.97015	1.016869	100	2.8
2120.188	1517.688	330.5994	23.31583	0.236207	2.227389	487.8071	1345.597	0.249219	0.465606	393.5419	143.1725	1.615634	100	5.8
2120.341	1517.841	330.6038	23.25156	0.222758	2.467057	489.9857	1345.716	0.236537	0.459948	418.8511	207.9075	2.352428	100	9.6
2120.493	1517.993	330.6082	23.12219	0.231291	2.209452	489.9377	1349.619	0.244611	0.472405	390.5171	138.1472	1.571573	100	5.7
2120.646	1518.146	330.6126	23.19264	0.258934	1.901868	488.9495	1356.613	0.270857	0.504474	310.0425	78.47072	0.890076	100	2.3
2120.798	1518.298	330.617	23.27661	0.281205	1.724768	488.0138	1365.06	0.292145	0.521673	256.9312	62.73948	0.709166	100	1.3
2120.951	1518.451	330.6214	23.18968	0.296338	1.525974	486.9182	1371.744	0.306681	0.535747	217.4496	53.78954	0.61021	100	0.8
2121.103	1518.603	330.6258	23.19186	0.314998	1.306076	486.5537	1378.446	0.324669	0.564096	153.5043	42.11667	0.47775	100	0.2
2121.255	1518.755	330.6301	23.19404	0.312973	1.389967	487.0953	1387.803	0.322736	0.555364	168.2224	44.54804	0.505289	100	0.3
2121.408	1518.908	330.6346	23.19622	0.313419	1.498582	490.6253	1408.655	0.323187	0.561061	159.7378	43.12949	0.489159	100	0.3
2121.56	1519.06	330.6389	23.19839	0.307719	1.661996	493.578	1425.606	0.317715	0.559375	169.6159	44.78553	0.5079	100	0.4
2121.713	1519.213	330.6433	23.20057	0.303389	1.738352	493.6865	1437.712	0.313566	0.557363	178.1184	46.26298	0.524613	100	0.5
2121.865	1519.365	330.6477	23.20275	0.294147	1.894129	491.3132	1442.633	0.304702	0.536218	219.5312	54.22282	0.614826	100	0.9
2122.017	1519.517	330.6521	23.20493	0.291112	1.929902	490.2393	1445.35	0.301809	0.523412	241.1953	58.9743	0.668648	100	1.2
2122.17	1519.67	330.6565	23.20711	0.277844	2.296424	492.6175	1426.172	0.289116	0.487016	308.9378	78.07172	0.885102	100	2.2
2122.322	1519.822	330.6609	23.28541	0.285722	2.1815	490.1466	1391.889	0.296682	0.501264	278.8349	68.53837	0.774504	100	1.6
2122.475	1519.975	330.6653	23.37876	0.285874	2.338758	479.0743	1332.393	0.296848	0.501306	278.5473	68.45718	0.77061	100	1.7
2122.627	1520.127	330.6697	23.31756	0.246692	3.63581	461.869	1298.096	0.259492	0.437254	418.4909	206.5971	2.331545	100	8.7
2122.779	1520.279	330.674	23.25416	0.197155	2.300507	449.0836	1279.536	0.212832	0.361795	587.015	571.9981	6.472335	100	31.9
2122.932	1520.432	330.6784	23.37204	0.177429	2.293138	448.421	1278.068	0.194472	0.360211	614.5366	611.2419	6.88275	100	37.9
2123.084	1520.584	330.6828	23.20097	0.202201	3.122671	458.4742	1282.414	0.217596	0.415007	507.0084	432.5361	4.90522	100	23.5
2123.237	1520.737	330.6872	23.21115	0.230147	2.329525	470.7095	1297.384	0.243907	0.450527	421.6812	217.8577	2.469615	100	9.7
2123.389	1520.889	330.6916	23.32475	0.254925	2.12429	479.5624	1303.124	0.267419	0.476731	353.0733	99.30301	1.120401	100	3.3
2123.542	1521.042	330.696	23.44228	0.2636	2.127868	483.071	1315.113	0.275701	0.483334	332.5314	87.77083	0.985501	100	2.7
2123.694	1521.194	330.7004	23.44448	0.277569	1.824515	483.2903	1315.37	0.289063	0.510791	276.202	67.80069	0.761213	100	1.6
2123.846	1521.346	330.7048	23.32731	0.252287	2.532561	481.5218	1323.728	0.264974	0.457385	383.1457	127.4847	1.438254	100	4.7
2123.999	1521.499	330.7092	23.22793	0.261955	2.389923	479.4189	1333.336	0.274196	0.478854	340.7907	91.94749	1.041631	100	3
2124.151	1521.651	330.7135	23.34765	0.263619	2.339326	478.0498	1342.785	0.275803	0.482097	334.0981	88.52411	0.997888	100	2.8
2124.303	1521.803	330.7179	23.26411	0.25971	2.440643	477.8513	1358.332	0.2721	0.473849	350.5915	97.68467	1.104982	100	3.3
2124.456	1521.956	330.7223	23.26629	0.26492	2.274141	478.829	1385.891	0.277085	0.484543	328.9531	86.11124	0.973988	100	2.6
2124.608	1522.108	330.7267	23.23528	0.277452	1.864136	481.192	1413.292	0.289077	0.50755	280.6561	69.05602	0.782095	100	1.7
2124.761	1522.261	330.7311	23.23746	0.288717	1.668025	483.7699	1432.606	0.299888	0.525073	241.5545	59.05708	0.668798	100	1.1

2124.913	1522.413	330.7355	23.17455	0.292225	1.679464	485.4478	1438.646	0.303275	0.523617	238.8893	58.44618	0.663623	100	1
2125.065	1522.565	330.7399	23.09608	0.280613	1.943565	485.2246	1428.607	0.292164	0.490017	300.5897	75.18798	0.85653	100	1.9
2125.218	1522.718	330.7443	23.0091	0.256565	2.581664	483.1615	1409.663	0.26923	0.436749	405.7487	168.4305	1.925771	100	6.6
2125.37	1522.87	330.7487	22.99052	0.252438	2.706928	479.36	1389.759	0.265327	0.442263	403.5262	163.1449	1.866814	100	6.5
2125.522	1523.022	330.753	23.04035	0.264902	2.389856	473.1752	1363.839	0.277215	0.483982	329.5484	86.38173	0.986379	100	2.7
2125.675	1523.175	330.7574	23.0651	0.265083	2.219272	467.6229	1338.847	0.277408	0.485013	327.8583	85.61942	0.976669	100	2.6
2125.827	1523.327	330.7618	23.30953	0.271219	1.874536	462.8385	1302.787	0.283286	0.488989	314.2606	80.03616	0.903729	100	2.2
2125.98	1523.48	330.7662	23.22929	0.256922	1.74647	465.3519	1277.077	0.269675	0.449857	387.0468	132.8677	1.505301	100	4.7
2126.132	1523.632	330.7706	23.2314	0.226187	1.870372	472.7336	1266.261	0.240566	0.389401	510.6451	439.9153	4.983553	100	20.9
2126.285	1523.785	330.775	23.13335	0.216705	1.729765	479.5434	1265.941	0.231652	0.396135	513.6545	445.9335	5.072483	100	22.3
2126.437	1523.937	330.7794	23.13363	0.209994	1.979654	483.0587	1274.282	0.225365	0.401035	515.5684	449.7204	5.115548	100	23.3
2126.589	1524.089	330.7838	23.04509	0.221134	2.089745	485.0284	1292.109	0.235864	0.422954	470.8314	352.1314	4.020404	100	17.1
2126.742	1524.242	330.7882	22.97071	0.245365	1.93616	486.7095	1316.794	0.258797	0.460186	387.8042	133.9784	1.534486	100	5.1
2126.894	1524.394	330.7925	22.97281	0.265661	1.768925	487.2389	1345.381	0.278127	0.489549	320.607	82.53012	0.945162	100	2.4
2127.047	1524.547	330.797	22.97489	0.287439	1.60749	488.7515	1371.695	0.298976	0.527113	239.9981	58.69942	0.672193	100	1.1
2127.199	1524.699	330.8013	22.97698	0.288009	1.686165	489.3846	1400.172	0.299543	0.524114	243.3533	59.47374	0.681007	100	1.1
2127.351	1524.851	330.8057	22.97907	0.290297	1.6099	489.9046	1417.507	0.301759	0.527653	235.411	57.66016	0.660189	100	1
2127.504	1525.004	330.8101	22.98116	0.272072	1.835534	490.5874	1427.932	0.28433	0.489942	311.5049	79.00576	0.904517	100	2.2
2127.656	1525.156	330.8145	22.98325	0.269567	1.902796	490.8214	1428.411	0.281959	0.485064	321.5084	82.89931	0.949019	100	2.4
2127.809	1525.309	330.8189	22.98534	0.261689	2.165623	490.5463	1418.921	0.274465	0.464866	359.7232	104.041	1.190953	100	3.5
2127.961	1525.461	330.8233	23.08002	0.264154	2.094885	488.5816	1399.425	0.276836	0.466494	354.2046	100.0662	1.140917	100	3.2
2128.113	1525.613	330.8277	23.17977	0.259561	2.107203	483.484	1372.612	0.27248	0.456345	374.2209	117.0052	1.328508	100	4
2128.266	1525.766	330.8321	23.1482	0.260482	1.931858	474.2091	1350.51	0.273378	0.462713	364.195	107.6076	1.223429	100	3.6
2128.418	1525.918	330.8364	23.2074	0.255219	1.923185	462.4739	1336.444	0.268389	0.455678	380.7877	124.4848	1.411833	100	4.4
2128.571	1526.071	330.8408	23.28667	0.232458	2.20136	454.5691	1330.414	0.246824	0.407205	477.4394	367.8411	4.158148	100	16.9
2128.723	1526.223	330.8452	23.10549	0.218102	2.236435	454.7604	1326.329	0.233301	0.378827	535.2636	486.9529	5.5464	100	24.4
2128.875	1526.375	330.8496	22.92923	0.219602	1.977391	462.9806	1331.251	0.234734	0.384406	525.5864	469.0434	5.38221	100	23.4
2129.028	1526.528	330.854	22.85219	0.232579	1.94351	475.1291	1334.501	0.247001	0.398726	488.8969	393.9519	4.535349	100	18.4
2129.18	1526.68	330.8584	22.96786	0.258015	1.962412	484.3814	1338.62	0.271154	0.444337	392.6227	141.6009	1.622237	100	5.2
2129.333	1526.833	330.8628	23.06751	0.270712	2.020376	489.4532	1340.776	0.283282	0.476246	331.8516	87.44918	0.997673	100	2.6
2129.485	1526.985	330.8672	22.95678	0.270349	2.235954	491.0205	1354.751	0.282956	0.484832	320.4524	82.46721	0.945238	100	2.4
2129.637	1527.137	330.8715	23.04105	0.283805	2.052946	490.9724	1357.208	0.295848	0.515756	259.9865	63.506	0.725334	100	1.5
2129.79	1527.29	330.876	23.04314	0.29505	1.959366	489.9752	1362.121	0.306656	0.529129	226.616	55.72684	0.636435	100	1
2129.942	1527.442	330.8803	23.07721	0.293366	2.07956	487.9859	1365.07	0.30506	0.520173	241.1782	58.97036	0.672522	100	1.2
2130.095	1527.595	330.8847	23.0793	0.279516	2.364167	486.3313	1366.625	0.291804	0.487012	305.2349	76.76505	0.875392	100	2.1
2130.247	1527.747	330.8891	23.16947	0.27294	2.488253	485.5219	1369.396	0.285535	0.472557	333.8328	88.39532	1.004232	100	2.7
2130.399	1527.899	330.8935	23.17965	0.278608	2.401565	485.937	1373.267	0.290976	0.483288	311.5155	79.00967	0.897232	100	2.2
2130.552	1528.052	330.8979	23.26901	0.297946	2.000081	487.5873	1377.293	0.309544	0.523699	230.1251	56.48914	0.639113	100	1
2130.704	1528.204	330.9023	23.35594	0.296433	2.001064	491.0651	1381.237	0.30811	0.517202	241.0689	58.94521	0.664508	100	1.1
2130.857	1528.357	330.9067	23.44832	0.300889	1.845702	494.3125	1384.353	0.312415	0.524199	225.4724	55.48093	0.623079	100	0.9
2131.009	1528.509	330.9111	23.45045	0.289727	2.00196	496.3742	1388.89	0.301714	0.491895	284.8194	70.26339	0.789032	100	1.6
2131.161	1528.661	330.9154	23.33703	0.291303	1.986868	496.6088	1392.917	0.303247	0.482382	295.8321	73.63733	0.830811	100	1.7
2131.314	1528.814	330.9198	23.4219	0.278531	2.28936	495.6207	1394.178	0.291028	0.452991	353.2549	99.42442	1.117836	100	3
2131.466	1528.966	330.9242	23.35556	0.278517	2.359187	494.6941	1393.586	0.291035	0.464852	336.8764	89.90302	1.01357	100	2.6
2131.619	1529.119	330.9286	23.45881	0.267581	2.5166	494.4935	1393.001	0.280605	0.448547	373.7704	116.5345	1.308239	100	3.9
2131.771	1529.271	330.933	23.38246	0.277216	2.404625	495.2365	1392.459	0.289832	0.467212	335.2791	89.10335	1.003457	100	2.6
2131.923	1529.423	330.9374	23.39841	0.28954	2.143578	496.0362	1392.66	0.301659	0.490126	287.3368	71.01054	0.799182	100	1.7
2132.076	1529.576	330.9418	23.47844	0.287402	2.177075	497.1089	1391.783	0.299629	0.485124	297.0413	74.02563	0.830379	100	1.8
2132.228	1529.728	330.9462	23.39929	0.280638	2.139552	497.5708	1392.845	0.293169	0.468455	328.9586	86.11373	0.969143	100	2.4
2132.381	1529.881	330.9506	23.32893	0.288342	1.947028	497.808	1394.49	0.300573	0.482237	299.7226	74.90071	0.845414	100	1.8
2132.533	1530.033	330.955	23.2611	0.303627	1.668449	497.8243	1401.24	0.315278	0.51288	237.1414	58.04962	0.657067	100	0.9
2132.686	1530.186	330.9594	23.30016	0.286324	2.007918	497.8406	1408.307	0.29868	0.474316	313.2662	79.66089	0.900233	100	2
2132.838	1530.338	330.9637	23.23326	0.276236	2.189419	497.9706	1414.539	0.289041	0.451169	358.5103	103.1294	1.168703	100	3.2
2132.99	1530.49	330.9681	23.16598	0.276552	2.201464	498.101	1414.84	0.289364	0.45473	353.1496	99.35398	1.129092	100	3
2133.143	1530.643	330.9725	23.16807	0.296654	1.765512	498.4455	1414.323	0.308656	0.499852	264.259	64.59923	0.73407	100	1.3
2133.295	1530.795	330.9769	23.17017	0.318889	1.407579	498.2344	1412.101	0.330095	0.546196	170.7177	44.97423	0.511023	100	0.3
2133.447	1530.947	330.9813	23.17227	0.317295	1.412099	497.5075	1409.127	0.328577	0.536447	186.2677	47.7262	0.54225	100	0.4
2133.6	1531.1	330.9857	23.2661	0.304171	1.583376	495.0021	1405.686	0.315948	0.500567	253.2092	61.82207	0.699669	100	1
2133.752	1531.252	330.9901	23.30965	0.307047	1.480308	491.1116	1400.616	0.318738	0.516342	227.5897	55.93719	0.63193	100	0.8
2133.905	1531.405	330.9945	23.252	0.295306	1.655129	487.4574	1394.426	0.307465	0.507837	254.8824	62.23233	0.704739	100	1.2
2134.057	1531.557	330.9988	23.32296	0.278879	1.957079	485.5295	1387.041	0.291735	0.486484	306.0575	77.05136	0.869996	100	2
2134.209	1531.709	331.0032	23.39414	0.266885	2.296794	485.1662	1381.395	0.280296	0.459087	359.6513	103.9863	1.17068	100	3.4
2134.362	1531.862	331.0076	23.47726	0.267826	2.279487	485.9675	1376.166	0.281214	0.45494	364.1072	107.5343	1.206493	100	3.5
2134.514	1532.014	331.012	23.47939	0.269874	2.231443	487.0988	1371.814	0.283191	0.455275	360.9173	104.9609	1.177529	100	3.3
2134.667	1532.167	331.0164	23.48152	0.278611	2.037559	488.1102	1367.52	0.291563	0.47191	326.4077	84.97856	0.953278	100	2.3
2134.819	1532.319	331.0208	23.48364	0.266958	2.401626	488.0067	1362.491	0.280448	0.438064	388.4529	134.9478	1.513709	100	4.7
2134.971	1532.471	331.0252	23.42207	0.274886	2.226733	487.0186	1357.622	0.288042	0.456285	352.8292	99.14047	1.114893	100	3
2135.124	1532.624	331.0296	23.35267	0.277076	2.071985	485.926	1352.977	0.290157	0.468498	333.0564	88.02135	0.992704	100	2.5
2135.276	1532.776	331.0339	23.28403	0.289165	1.836275	485.7213	1347.865	0.301757	0.503002	269.4327	65.95849	0.746007	100	1.4
2135.429	1532.929	331.0384	23.2179	0.277846	2.082274	485.7375	1345.668	0.290934	0.480303	315.692	80.58336	0.913937	100	2.2
2135.581	1533.081	331.0427	23.19485	0.277281	2.093211	485.8643	1342.464	0.290415	0.474754	324.0661	83.96898	0.95326	100	2.3
2135.733	1533.233	331.0471	23.3594	0.280125	2.063964	485.7671	1345.283	0.293157	0.476932	317.277	81.19941	0.915547	100	2.2
2135.886	1533.386	331.0515	23.36151	0.28135	2.014034	485.5591	1344.022	0.294351	0.480321	310.9535	78.80307	0.888458	100	2
2136.038	1533.538	331.0559	23.36363	0.289266	1.840073	485.1301	1340.43	0.301958	0.501348	271.4373	66.4962	0.749647	100	1.4
2136.191	1533.691	331.0603	23.29143	0.299928	1.623038	484.9252	1337.782	0.31222	0.526875	222.0492	54.7521	0.619105	100	0.8
2136.343	1533.843	331.0647	23.21069	0.294501	1.717293	484.9414	1338.115	0.307025	0.515144	245.4064	59.95366	0.680209	100	1.1
2136.495	1533.995	331.0691	23.12955	0.28678	1.799013	485.185	1339.536	0.299636	0.49925	277.5379	68.17341	0.776099	100	1.5
2136.648	1534.148	331.0735	23.03694	0.277339	2.059646	485.6437	1341.323	0.290616	0.478827	318.1682	81.5506	0.93201	100	2.3
2136.8	1534.3	331.0778	23.02127	0.278039	2.057652	485.7674	1338.449	0.291307	0.478707	317.3812	81.24029	0.929084	100	2.2
2136.953	1534.453	331.0822	22.94125	0.27228	2.194888	485.4407	1334.607	0.285821	0.464291	344.8464	94.20558	1.081008	100	2.9

2137.105	1534.605	331.0866	22.93313	0.281907	1.989249	484.172	1330.178	0.29505	0.485429	302.9386	75.97721	0.872146	100	2
2137.257	1534.757	331.091	22.91591	0.283239	1.876631	482.5145	1328.967	0.296347	0.484997	301.7456	75.57431	0.868161	100	1.9
2137.41	1534.91	331.0954	22.85384	0.284341	1.818218	481.0379	1329.61	0.297423	0.483936	301.7239	75.56703	0.87037	100	1.9
2137.562	1535.062	331.0998	22.9353	0.283242	1.765543	481.6224	1331.957	0.296391	0.48182	306.0687	77.05527	0.884465	100	1.9
2137.715	1535.215	331.1042	23.00864	0.27554	1.920551	483.3219	1335.582	0.289041	0.470314	332.0897	87.56147	1.001966	100	2.5
2137.867	1535.367	331.1086	23.07991	0.27606	1.918183	486.13	1344.252	0.289559	0.473834	326.5182	85.02697	0.970064	100	2.4
2138.02	1535.52	331.113	23.08693	0.278248	1.860839	488.6496	1352.196	0.291672	0.477845	318.0656	81.50996	0.929674	100	2.2
2138.172	1535.672	331.1174	23.09573	0.282797	1.853336	490.1546	1360.422	0.296048	0.488015	297.9932	74.33405	0.847523	100	1.8
2138.324	1535.824	331.1217	23.08712	0.299395	1.604037	489.5452	1354.075	0.311998	0.526314	223.1293	54.9809	0.6271	100	0.8
2138.477	1535.977	331.1261	23.01238	0.302022	1.600246	487.2764	1354.275	0.314545	0.529601	215.078	53.30052	0.609852	100	0.8
2138.629	1536.129	331.1305	22.93942	0.286971	1.805967	485.4005	1356.947	0.30011	0.493532	284.7736	70.24992	0.806266	100	1.6
2138.781	1536.281	331.1349	22.87668	0.272605	2.053998	484.3112	1347.315	0.286381	0.459976	350.0283	97.32765	1.12002	100	3
2138.934	1536.434	331.1393	22.78854	0.264431	2.18797	484.5579	1341.417	0.278599	0.443867	382.9976	127.2909	1.470335	100	4.5
2139.086	1536.586	331.1437	22.75009	0.263785	2.17595	486.027	1340.857	0.278004	0.446261	380.5136	124.1476	1.436391	100	4.4
2139.239	1536.739	331.1481	22.85744	0.253131	2.426787	487.5513	1347.013	0.267881	0.42106	429.2611	240.7945	2.773339	100	10
2139.391	1536.891	331.1525	22.85951	0.261518	2.282975	489.0111	1355.416	0.275884	0.445762	384.128	128.7889	1.483205	100	4.6
2139.543	1537.043	331.1568	22.86157	0.264151	2.181219	489.3589	1355.051	0.278415	0.452906	370.7766	113.5309	1.307383	100	3.9
2139.696	1537.196	331.1612	22.77589	0.257787	2.304108	489.2617	1357.236	0.272373	0.435727	402.8226	161.5419	1.867065	100	6.2
2139.848	1537.348	331.1656	22.69378	0.251566	2.579653	489.1121	1356.149	0.266476	0.416111	438.0291	266.2378	3.087944	100	11.3
2140	1537.5	331.17	22.59887	0.280998	1.962102	489.073	1353.258	0.294574	0.483156	306.7318	77.2877	0.900078	100	2.1
2140.153	1537.653	331.1744	22.51913	0.287442	1.826349	489.1968	1345.906	0.300769	0.494694	282.2613	69.5175	0.812379	100	1.6
2140.305	1537.805	331.1788	22.5151	0.290984	1.795732	488.8146	1339.484	0.304189	0.500915	268.9574	65.83194	0.769451	100	1.5
2140.458	1537.958	331.1832	22.50969	0.293812	1.759348	487.3188	1331.379	0.306924	0.510421	252.0645	61.54341	0.719501	100	1.2
2140.61	1538.11	331.1876	22.58012	0.294913	1.650763	485.2036	1321.028	0.308002	0.516864	241.6855	59.0873	0.688702	100	1.1
2140.763	1538.263	331.192	22.57785	0.2838	1.748556	482.0931	1309.166	0.297362	0.497103	283.638	69.91728	0.81502	100	1.7
2140.915	1538.415	331.1964	22.50666	0.266523	1.992641	479.6622	1302.731	0.280864	0.455344	364.0337	107.473	1.256663	100	3.6
2141.067	1538.567	331.2007	22.38478	0.269117	1.837261	478.1912	1306.257	0.283361	0.45711	358.1504	102.8632	1.209135	100	3.3
2141.22	1538.72	331.2051	22.24493	0.270564	1.773644	478.8401	1315.57	0.284763	0.453559	361.1162	105.1163	1.243182	100	3.4
2141.372	1538.872	331.2095	22.12946	0.28024	1.612901	481.8296	1331.157	0.294035	0.473658	320.5838	82.52068	0.980912	100	2.2
2141.525	1539.025	331.2139	22.13502	0.289804	1.537418	486.4191	1344.07	0.303222	0.4946	279.0066	68.5869	0.815092	100	1.5
2141.677	1539.177	331.2183	22.158	0.307196	1.340056	490.3208	1351.353	0.319962	0.531548	204.9173	51.25941	0.608563	100	0.6
2141.829	1539.329	331.2227	22.27633	0.302293	1.475781	491.4275	1353.132	0.315262	0.514287	235.2231	57.61804	0.680526	100	0.9
2141.982	1539.482	331.2271	22.30681	0.297382	1.672553	489.1494	1361.76	0.310561	0.509219	248.7036	60.73443	0.716388	100	1.2
2142.134	1539.634	331.2315	22.39147	0.275696	2.21327	486.1593	1364.58	0.289792	0.473246	327.008	85.24229	1.001784	100	2.6
2142.287	1539.787	331.2359	22.47363	0.258077	2.43648	484.627	1368.232	0.273001	0.445892	387.927	134.1606	1.571097	100	5.1
2142.439	1539.939	331.2402	22.49819	0.239572	3.0358	484.8182	1364.204	0.255448	0.396687	480.0531	373.921	4.374228	100	17.4
2142.591	1540.091	331.2446	22.52127	0.249078	2.931082	485.8358	1359.893	0.264486	0.409945	449.2854	297.2921	3.474376	100	13.1
2142.744	1540.244	331.249	22.51415	0.262649	2.45068	486.408	1357.269	0.277419	0.442383	386.6732	132.3281	1.546974	100	4.9
2142.896	1540.396	331.2534	22.43503	0.276559	1.994964	486.6422	1354.403	0.290721	0.47617	321.6911	82.97463	0.973343	100	2.4
2143.049	1540.549	331.2578	22.36073	0.267681	2.138573	486.2593	1351.545	0.28226	0.459723	356.0633	101.3567	1.192827	100	3.4
2143.201	1540.701	331.2622	22.27888	0.275582	2.079301	484.8657	1344.343	0.289828	0.478614	319.5503	82.10231	0.969689	100	2.4
2143.354	1540.854	331.2666	22.16542	0.273387	2.130042	481.7492	1339.138	0.28775	0.47061	333.4628	88.21659	1.047101	100	2.7
2143.506	1541.006	331.271	22.16061	0.247901	2.80778	477.9781	1335.323	0.263492	0.433799	417.7379	203.9043	2.420809	100	8.9
2143.658	1541.158	331.2754	22.17751	0.207389	2.087994	475.8998	1337.524	0.225271	0.384713	538.2222	492.2875	5.840301	100	27.1
2143.811	1541.311	331.2798	22.18229	0.188169	2.087819	476.6624	1340.321	0.207317	0.402872	537.9393	491.7802	5.833118	100	30
2143.963	1541.463	331.2841	22.18125	0.203172	3.530391	479.9713	1343.795	0.221358	0.425726	487.0239	389.7779	4.623503	100	22.1
2144.115	1541.615	331.2885	22.17419	0.239971	2.445792	483.2218	1347.67	0.256055	0.468632	379.9332	123.4413	1.464715	100	5.1
2144.268	1541.768	331.2929	22.11151	0.272631	1.899311	485.3938	1349.853	0.287151	0.49145	305.5299	76.86748	0.91461	100	2.2
2144.42	1541.92	331.2973	22.1135	0.290239	1.705668	485.6807	1349.714	0.304033	0.516544	247.6036	60.47256	0.719479	100	1.3
2144.573	1542.073	331.3017	22.07018	0.279967	1.897192	484.4101	1344.842	0.294209	0.491032	296.3666	73.80849	0.879831	100	2
2144.725	1542.225	331.3061	22.07216	0.285317	1.789978	482.6326	1341.959	0.299354	0.499015	278.2506	68.37358	0.814981	100	1.7
2144.877	1542.377	331.3105	22.01008	0.278837	1.846877	480.651	1338.213	0.293169	0.485935	304.8369	76.62731	0.915879	100	2.1
2145.03	1542.53	331.3149	22.03717	0.278851	1.777347	479.8332	1331.665	0.293203	0.489201	300.2825	75.08596	0.896391	100	2
2145.182	1542.682	331.3192	22.05693	0.270649	1.850987	479.5238	1324.338	0.285383	0.473337	332.967	87.97854	1.0494	100	2.7
2145.334	1542.834	331.3236	22.0813	0.271327	1.769232	480.2066	1314.939	0.286051	0.476324	327.9222	85.64793	1.020513	100	2.6
2145.487	1542.987	331.328	22.08764	0.262628	1.879524	480.4409	1312.039	0.277771	0.458494	363.9544	107.407	1.279433	100	3.7
2145.639	1543.139	331.3324	22.08966	0.266968	1.820112	480.2269	1314.402	0.281931	0.471082	340.8421	91.97515	1.095522	100	2.9
2145.792	1543.292	331.3368	22.20644	0.259481	1.979151	479.1804	1315.636	0.274814	0.45343	375.0229	117.8556	1.396615	100	4.2
2145.944	1543.444	331.3412	22.15656	0.267207	1.781107	477.6364	1325.935	0.2822	0.466461	346.8477	95.37784	1.132736	100	3
2146.097	1543.597	331.3456	22.16419	0.276243	1.623522	476.4854	1319.886	0.290853	0.481509	314.14	79.99043	0.949682	100	2.2
2146.249	1543.749	331.35	22.23829	0.280757	1.488233	476.1208	1323.134	0.295193	0.491056	294.9758	73.36465	0.868203	100	1.8
2146.401	1543.901	331.3543	22.21394	0.271228	1.664265	477.1445	1311.88	0.286102	0.472787	332.7337	87.86715	1.040946	100	2.6
2146.554	1544.054	331.3588	22.29924	0.266962	1.723006	478.2787	1311.778	0.282049	0.464349	349.9702	97.29103	1.148312	100	3.1
2146.706	1544.206	331.3631	22.45436	0.270536	1.752411	479.5758	1321.467	0.285481	0.473576	332.5004	87.75607	1.028827	100	2.6
2146.859	1544.359	331.3675	22.56141	0.277535	1.643591	480.4244	1314.607	0.292192	0.488278	302.9513	75.98152	0.886688	100	2
2147.011	1544.511	331.3719	22.56402	0.290163	1.506899	480.8337	1316.735	0.304312	0.514845	249.564	60.94026	0.711087	100	1.2
2147.163	1544.663	331.3763	22.4731	0.285101	1.591278	481.2401	1323.885	0.299478	0.499812	276.9802	68.01743	0.796794	100	1.5
2147.316	1544.816	331.3807	22.45977	0.285295	1.615942	481.8183	1345.109	0.299685	0.495684	282.3912	69.55505	0.815285	100	1.6
2147.468	1544.968	331.3851	22.39582	0.277788	1.717668	482.8919	1351.916	0.292517	0.477229	317.7513	81.38588	0.956616	100	2.2
2147.621	1545.121	331.3895	22.39783	0.282352	1.685357	483.3528	1347.536	0.296907	0.487562	297.4331	74.15227	0.871524	100	1.9
2147.773	1545.273	331.3939	22.50355	0.278001	1.78325	483.4243	1327.845	0.292762	0.478636	315.4713	80.49845	0.941802	100	2.2
2147.925	1545.425	331.3982	22.54061	0.269752	1.945218	483.3852	1320.385	0.284898	0.460302	351.6239	98.3488	1.148818	100	3.1
2148.078	1545.578	331.4026	22.60918	0.266229	2.016827	483.4598	1317.041	0.281556	0.455035	363.5036	107.0338	1.246599	100	3.6
2148.23	1545.73	331.407	22.78508	0.275973	1.769477	483.6969	1319.9	0.290884	0.478222	318.634	81.73555	0.944832	100	2.2
2148.383	1545.883	331.4114	22.80309	0.294314	1.486012	483.8241	1322.768	0.308482	0.516239	241.8854	59.13347	0.683043	100	1
2148.535	1546.035	331.4158	22.82	0.290764	1.482502	484.0123	1333.784	0.305095	0.505403	261.5135	63.8938	0.737506	100	1.2
2148.688	1546.188	331.4202	22.81939	0.278444	1.665876	484.48	1340.307	0.293309	0.47073	325.6258	84.6381	0.976986	100	2.3
2148.84	1546.34	331.4246	22.8203	0.277413	1.621009	485.3918	1350.994	0.292344	0.458575	343.7326	93.57027	1.08006	100	2.6
2148.992	1546.492	331.429	22.82326	0.280837	1.616087	486.5152	1343.879	0.295641	0.465963	328.9862	86.12623	0.99402	100	2.3
2149.145	1546.645	331.4334	22.83567	0.284267	1.640027	486.7463	1346.408	0.298948	0.488261	293.6525	72.9469	0.841476	100	1.7

2149.297	1546.797	331.4378	22.84826	0.287332	1.668034	486.0284	1349.672	0.301905	0.506207	264.8045	64.74068	0.746422	100	1.4
2149.449	1546.949	331.4421	22.85942	0.289934	1.620494	484.1466	1359.786	0.304423	0.513482	251.2914	61.35612	0.707072	100	1.2
2149.602	1547.102	331.4465	22.92835	0.284783	1.631482	482.3844	1355.983	0.299504	0.498164	279.2176	68.64663	0.78879	100	1.5
2149.754	1547.254	331.4509	22.85857	0.287208	1.565908	481.5099	1339.935	0.301849	0.502473	270.0363	66.11973	0.76201	100	1.4
2149.907	1547.407	331.4553	22.86062	0.264291	1.937699	481.2498	1334.202	0.279956	0.450091	372.535	115.2694	1.328343	100	3.9
2150.059	1547.559	331.4597	22.86267	0.276713	1.736006	481.2661	1333.49	0.29184	0.477208	318.7145	81.76759	0.942202	100	2.2
2150.211	1547.711	331.4641	22.93128	0.283543	1.654669	481.2823	1347.798	0.298398	0.494288	286.0937	70.63993	0.811625	100	1.6
2150.364	1547.864	331.4685	22.92655	0.292854	1.473613	481.2984	1339.534	0.307349	0.518692	240.0644	58.71459	0.674749	100	1
2150.516	1548.016	331.4729	22.9373	0.292978	1.457881	481.3147	1342.097	0.307488	0.522233	234.9854	57.56484	0.661242	100	1
2150.668	1548.168	331.4772	23.01441	0.297013	1.372483	481.3277	1326.115	0.311385	0.528929	220.3675	54.39798	0.622842	100	0.8
2150.821	1548.321	331.4816	23.12751	0.305368	1.314114	481.1229	1324.868	0.319442	0.538405	196.172	49.56951	0.564873	100	0.5
2150.973	1548.473	331.486	23.14761	0.281921	1.637722	480.9118	1323.771	0.296947	0.478359	310.0773	78.48335	0.89362	100	1.9
2151.126	1548.626	331.4904	23.10818	0.272922	1.816399	480.4888	1328.948	0.28836	0.458645	349.1332	96.7677	1.103639	100	2.9
2151.278	1548.778	331.4948	23.09005	0.264059	1.947614	480.9473	1334	0.27992	0.44763	375.9804	118.8928	1.357021	100	4
2151.431	1548.931	331.4992	23.08714	0.274511	1.725755	480.8456	1336.45	0.289919	0.478983	318.9154	81.84776	0.934319	100	2.2
2151.583	1549.083	331.5036	23.08921	0.281052	1.587641	480.129	1344.629	0.296198	0.492644	291.3985	72.24518	0.824639	100	1.7
2151.735	1549.235	331.508	23.08464	0.280771	1.606352	478.247	1338.788	0.29595	0.489202	296.4911	73.84846	0.843109	100	1.8
2151.888	1549.388	331.5124	23.07974	0.276513	1.768047	476.5985	1340.924	0.291896	0.478591	316.7285	80.98499	0.924784	100	2.2
2152.04	1549.54	331.5168	22.99368	0.278801	1.764162	476.2371	1327.282	0.294105	0.482855	307.7955	77.66364	0.890082	100	2
2152.193	1549.693	331.5212	22.98894	0.281356	1.732514	477.2069	1321.099	0.296571	0.48946	295.2765	73.46019	0.842084	100	1.8
2152.345	1549.845	331.5255	23.00368	0.272063	1.820728	479.0091	1315.49	0.287704	0.471017	332.9654	87.97781	1.007885	100	2.5
2152.497	1549.997	331.5299	22.99468	0.276027	1.69649	480.5858	1315.279	0.291513	0.48366	310.261	78.55014	0.90023	100	2
2152.65	1550.15	331.5343	22.9994	0.2776	1.679176	481.6646	1316.396	0.293038	0.483622	308.2086	77.81071	0.891587	100	2
2152.802	1550.302	331.5387	22.97435	0.278247	1.732204	482.8602	1326.45	0.293678	0.477332	316.0069	80.7049	0.925737	100	2.1
2152.955	1550.455	331.5431	22.88054	0.275042	1.776528	484.7715	1335.955	0.290634	0.457967	346.9314	95.4278	1.098979	100	2.8
2153.107	1550.607	331.5475	22.75043	0.286076	1.548737	486.5661	1353.361	0.301217	0.475044	308.7593	78.00763	0.903355	100	1.9
2153.259	1550.759	331.5519	22.79084	0.284127	1.533626	487.3594	1347.57	0.29937	0.474236	312.4233	79.34587	0.917281	100	2
2153.412	1550.912	331.5563	22.79882	0.303224	1.351933	487.4278	1345.354	0.317729	0.525609	216.1938	53.52999	0.618631	100	0.7
2153.564	1551.064	331.5606	22.70872	0.293395	1.529633	486.9988	1341.259	0.308301	0.511396	248.818	60.76175	0.704917	100	1.1
2153.717	1551.217	331.565	22.77231	0.288196	1.684466	486.9045	1341.665	0.303332	0.498551	273.4023	67.02956	0.775533	100	1.5
2153.869	1551.369	331.5694	22.76948	0.270228	2.07706	487.0343	1341.111	0.286157	0.457213	354.1497	100.0288	1.157484	100	3.2
2154.021	1551.521	331.5738	22.78417	0.272992	2.038681	487.2133	1341.969	0.288818	0.464925	339.8348	91.43659	1.057408	100	2.8
2154.174	1551.674	331.5782	22.79161	0.272804	2.078142	486.8301	1341.866	0.288659	0.46979	333.3394	88.1572	1.019171	100	2.6
2154.326	1551.826	331.5826	22.85623	0.273748	1.930086	485.449	1340.018	0.289582	0.476252	323.15	83.58203	0.963638	100	2.4
2154.479	1551.979	331.587	22.86796	0.276769	1.823179	483.8986	1335.48	0.292491	0.481449	311.9622	79.17472	0.912379	100	2.1
2154.631	1552.131	331.5914	22.88906	0.291528	1.518374	481.9614	1330.448	0.306653	0.50624	258.2086	63.05847	0.726019	100	1.2
2154.783	1552.283	331.5958	22.89881	0.302065	1.374319	480.4789	1332.626	0.316799	0.521437	223.2342	55.00318	0.63302	100	0.8
2154.936	1552.436	331.6002	22.99236	0.297258	1.410286	479.7148	1334.712	0.312197	0.510258	245.0121	59.86113	0.686218	100	1
2155.088	1552.588	331.6045	23.10346	0.275605	1.703488	479.3994	1340.849	0.29146	0.465997	334.7102	88.82304	1.013487	100	2.5
2155.241	1552.741	331.6089	23.14787	0.266149	1.834173	479.4769	1335.784	0.282449	0.452622	365.6023	108.8024	1.239159	100	3.5
2155.393	1552.893	331.6133	23.08854	0.250753	2.202167	479.943	1337.039	0.267811	0.422573	427.2694	234.854	2.681457	100	9.6
2155.545	1553.045	331.6177	23.02901	0.249494	2.172941	480.7903	1344.976	0.266636	0.419907	432.5707	250.5321	2.867655	100	10.4
2155.698	1553.198	331.6221	23.03975	0.252266	2.122418	481.138	1343.119	0.269291	0.417234	432.5958	250.6053	2.867226	100	10.3
2155.85	1553.35	331.6265	23.04556	0.276371	1.586608	480.7674	1336.317	0.292295	0.468905	329.544	86.37971	0.988056	100	2.3
2156.003	1553.503	331.6309	22.99297	0.282079	1.505779	481.0016	1338.719	0.297778	0.480749	305.6319	76.90296	0.881614	100	1.8
2156.155	1553.655	331.6353	22.90353	0.277554	1.546652	480.8031	1338.9	0.293468	0.471617	324.1823	84.01838	0.966842	100	2.2
2156.307	1553.807	331.6396	22.89287	0.272141	1.647081	481.6022	1331.605	0.288313	0.457157	351.2517	98.10791	1.129498	100	2.9
2156.46	1553.96	331.644	22.83426	0.267586	1.712927	482.291	1328.562	0.283984	0.448974	368.518	111.3988	1.28572	100	3.6
2156.612	1554.112	331.6484	22.85445	0.275643	1.641366	483.4807	1331.6	0.291702	0.478847	316.6425	80.9515	0.933518	100	2.2
2156.765	1554.265	331.6528	22.85556	0.279236	1.61008	484.5508	1327.503	0.295159	0.496284	287.8084	71.15199	0.820481	100	1.7
2156.917	1554.417	331.6572	22.79359	0.302398	1.342685	484.8952	1332.02	0.317407	0.544133	191.0742	48.61165	0.562044	100	0.5
2157.069	1554.569	331.6616	22.79036	0.290023	1.504113	484.3523	1334.966	0.305538	0.510605	253.7236	61.94784	0.716341	100	1.2
2157.222	1554.722	331.666	22.79559	0.295328	1.451039	483.8156	1344.385	0.310651	0.516386	238.6892	58.40062	0.675179	100	1
2157.374	1554.874	331.6704	22.78642	0.285935	1.57074	483.835	1338.368	0.301658	0.492522	284.0317	70.03231	0.809979	100	1.6
2157.527	1555.027	331.6748	22.68821	0.301529	1.407052	484.4101	1335.884	0.316653	0.528288	213.9803	53.07584	0.616449	100	0.7
2157.679	1555.179	331.6792	22.65596	0.28814	1.611969	484.758	1334.57	0.303813	0.497157	274.6606	67.37448	0.78361	100	1.5
2157.832	1555.332	331.6836	22.72526	0.294893	1.532912	484.7773	1337.725	0.310316	0.513656	242.9192	59.37286	0.688508	100	1.1
2157.984	1555.484	331.6879	22.84751	0.282309	1.720258	485.1867	1341.146	0.298266	0.484776	299.403	74.79536	0.862857	100	1.8
2158.136	1555.636	331.6923	22.94389	0.281931	1.719875	485.983	1341.912	0.297924	0.483386	301.7918	75.58985	0.868477	100	1.9
2158.289	1555.789	331.6967	22.99201	0.283005	1.666834	486.6596	1341.7	0.298974	0.484689	298.5463	74.51438	0.854392	100	1.8
2158.441	1555.941	331.7011	23.11772	0.289303	1.53093	485.8894	1341.095	0.305031	0.500296	268.6478	65.74966	0.749928	100	1.3
2158.593	1556.093	331.7055	23.07063	0.288814	1.518879	484.671	1341.076	0.304583	0.504133	263.9718	64.52494	0.737422	100	1.3
2158.746	1556.246	331.7099	22.99616	0.283457	1.623577	483.133	1340.354	0.299468	0.494245	284.6751	70.22095	0.805045	100	1.6
2158.898	1556.398	331.7143	22.90796	0.279826	1.681913	482.4828	1343.601	0.296012	0.486926	299.5454	74.84227	0.861238	100	1.9
2159.051	1556.551	331.7187	22.82679	0.282246	1.666858	482.2226	1331.711	0.29835	0.491682	289.756	71.74142	0.828411	100	1.7
2159.203	1556.703	331.723	22.84425	0.287695	1.601544	482.2387	1329.235	0.303592	0.505341	263.6716	64.44743	0.743642	100	1.3
2159.355	1556.855	331.7274	22.86491	0.271469	1.844031	482.2548	1321.978	0.288082	0.466139	339.175	91.08845	1.050134	100	2.7
2159.508	1557.008	331.7318	22.87989	0.278726	1.653177	482.1574	1330.34	0.295042	0.481736	308.0469	77.75307	0.895834	100	2
2159.66	1557.16	331.7362	22.81116	0.268009	1.731896	481.9494	1338.481	0.28482	0.454684	359.4852	103.8603	1.200139	100	3.3
2159.812	1557.312	331.7406	22.86641	0.279338	1.596483	481.6339	1348.544	0.295668	0.481185	307.9431	77.71614	0.895938	100	2
2159.965	1557.465	331.745	22.8334	0.279466	1.612749	481.6561	1347.354	0.295811	0.4801	309.2421	78.18119	0.902572	100	2
2160.117	1557.617	331.7494	22.90418	0.272845	1.806289	482.2857	1355.266	0.2895	0.466738	336.3924	89.65869	1.031982	100	2.6
2160.27	1557.77	331.7538	22.81572	0.262143	2.025736	483.086	1340.974	0.279307	0.444417	381.2605	125.0719	1.445022	100	4.4
2160.422	1557.922	331.7582	22.7882	0.273948	1.853228	484.1558	1337.939	0.290595	0.476555	321.3324	82.82694	0.958075	100	2.3
2160.575	1558.075	331.7626	22.66911	0.296287	1.470451	484.2733	1334.176	0.312024	0.524227	225.9742	55.58868	0.64629	100	0.9
2160.727	1558.227	331.7669	22.65373	0.303559	1.380322	483.2762	1340.087	0.319037	0.533887	202.9647	50.87688	0.591905	100	0.6
2160.879	1558.379	331.7713	22.63296	0.2933	1.484748	481.5046	1339.516	0.309196	0.503032	259.1251	63.28864	0.736968	100	1.2
2161.032	1558.532	331.7757	22.61559	0.300907	1.368425	479.125	1344.85	0.316526	0.514724	232.8744	57.09475	0.665346	100	0.9
2161.184	1558.684	331.7801	22.60188	0.29441	1.421325	477.3597	1342.099	0.310303	0.506734	252.4883	61.64639	0.718818	100	1.1
2161.337	1558.837	331.7845	22.65762	0.266941	1.818903	476.5435	1333.575	0.284026	0.461007	351.855	98.49925	1.145802	100	3.1

2161.489	1558.989	331.7889	22.64784	0.253908	2.032047	476.4554	1339.762	0.271632	0.442719	394.1958	144.3149	1.679478	100	5.5
2161.641	1559.141	331.7933	22.64655	0.260073	1.825513	476.9783	1340.777	0.27752	0.464921	355.4317	100.9129	1.17446	100	3.3
2161.794	1559.294	331.7977	22.70874	0.257875	1.810143	478.2292	1331.418	0.275448	0.459738	365.4439	108.666	1.261342	100	3.7
2161.946	1559.446	331.802	22.71503	0.254926	1.89378	480.0269	1311.174	0.272661	0.453682	377.6464	120.7559	1.401311	100	4.3
2162.099	1559.599	331.8065	22.73678	0.25316	1.921731	480.9768	1305.148	0.271003	0.441285	397.0427	149.5398	1.73374	100	5.7
2162.251	1559.751	331.8108	22.75361	0.271797	1.608385	480.1359	1306.28	0.288785	0.474957	326.0362	84.81637	0.982651	100	2.4
2162.403	1559.903	331.8152	22.82859	0.269006	1.682419	477.1974	1310.153	0.28614	0.459167	351.4759	98.25286	1.134702	100	3
2162.556	1560.056	331.8196	22.89409	0.259904	2.016869	474.5998	1312.58	0.277482	0.438019	392.6082	141.5765	1.630515	100	5.2
2162.708	1560.208	331.824	22.91717	0.24191	2.62299	473.5686	1311.315	0.260404	0.399806	468.9099	347.4698	3.997886	100	15.6
2162.861	1560.361	331.8284	22.90111	0.232686	3.218313	474.0394	1309.992	0.251692	0.379672	508.7171	436.0179	5.020157	100	20.8
2163.013	1560.513	331.8328	22.89478	0.237789	2.888418	475.4438	1307.148	0.256541	0.393733	482.6211	379.8222	4.374356	100	17.5
2163.166	1560.666	331.8372	22.82347	0.262922	1.984225	476.1849	1306.969	0.280439	0.448287	374.3576	117.1489	1.35329	100	4
2163.318	1560.818	331.8416	22.70219	0.26451	1.869357	476.5363	1304.599	0.281974	0.442803	379.8083	123.2906	1.431639	100	4.3
2163.47	1560.97	331.8459	22.6187	0.259026	2.135142	476.7794	1303.462	0.276769	0.42513	411.3798	183.4958	2.138396	100	7.2
2163.623	1561.123	331.8503	22.59306	0.263239	2.002809	477.6401	1303.834	0.280803	0.443214	380.8565	124.5699	1.453309	100	4.4
2163.775	1561.275	331.8547	22.4865	0.272691	1.708825	479.3302	1309.594	0.289845	0.478716	319.3865	82.03646	0.961506	100	2.3
2163.927	1561.427	331.8591	22.4536	0.277231	1.658955	481.0111	1313.901	0.294205	0.491444	295.8037	73.62825	0.864196	100	1.9
2164.08	1561.58	331.8635	22.44962	0.271026	1.77331	481.0703	1323.353	0.288295	0.472739	329.7731	86.48437	1.015277	100	2.5
2164.232	1561.732	331.8679	22.48885	0.275893	1.717486	479.5754	1319.381	0.292966	0.472551	323.5863	83.76575	0.981703	100	2.3
2164.385	1561.885	331.8723	22.60148	0.279165	1.623211	477.8131	1321.307	0.296117	0.468773	324.4519	84.1333	0.981244	100	2.3
2164.537	1562.037	331.8767	22.66515	0.291577	1.420536	477.1659	1322.431	0.308034	0.493725	273.5737	67.07639	0.780183	100	1.4
2164.689	1562.189	331.881	22.71723	0.290853	1.360641	477.4103	1321.644	0.30736	0.498253	268.255	65.64553	0.761847	100	1.3
2164.842	1562.342	331.8854	22.6869	0.293398	1.354626	478.0306	1317.628	0.309822	0.514755	242.0829	59.17911	0.6877	100	1
2164.994	1562.494	331.8898	22.71126	0.300351	1.323086	477.7028	1315.294	0.316525	0.533239	207.3264	51.73562	0.600581	100	0.6
2165.146	1562.646	331.8942	22.65176	0.281972	1.565824	476.1586	1315.516	0.298907	0.485648	297.3138	74.11368	0.862564	100	1.8
2165.299	1562.799	331.8986	22.68621	0.269393	1.813359	475.0169	1318.427	0.2869	0.445217	369.6792	112.4812	1.307183	100	3.7
2165.451	1562.951	331.903	22.60894	0.25551	2.135349	475.7149	1322.441	0.273689	0.422199	419.6755	210.9628	2.459836	100	8.6
2165.604	1563.104	331.9074	22.54522	0.253914	2.076246	477.9733	1332.82	0.272191	0.431321	409.1539	177.2351	2.072265	100	7.1
2165.756	1563.256	331.9118	22.47568	0.270909	1.55772	481.1009	1339.14	0.288408	0.479506	320.2785	82.39658	0.966304	100	2.3
2165.909	1563.409	331.9162	22.55882	0.265117	1.735367	482.2718	1351.465	0.282901	0.455757	360.6514	104.7541	1.224111	100	3.4
2166.061	1563.561	331.9206	22.64604	0.258913	2.062576	481.3192	1352.475	0.277009	0.433737	399.1709	153.7295	1.78971	100	5.8
2166.213	1563.713	331.9249	22.74391	0.265422	1.938678	478.554	1343.522	0.283232	0.448589	370.087	112.8682	1.308525	100	3.8
2166.366	1563.866	331.9293	22.8412	0.265453	1.935486	476.4662	1338.288	0.283282	0.449865	368.2576	111.16	1.283404	100	3.7
2166.518	1564.018	331.9337	22.82131	0.259487	2.070253	476.5009	1337.257	0.277617	0.440125	389.5155	136.5725	1.578155	100	5
2166.671	1564.171	331.9381	22.84116	0.260638	2.037249	478.6393	1342.282	0.278734	0.442415	384.8151	129.7212	1.497736	100	4.6
2166.823	1564.323	331.9425	22.82078	0.289072	1.400144	481.0358	1339.437	0.305937	0.503486	262.9961	64.27344	0.742739	100	1.2
2166.975	1564.475	331.9469	22.90673	0.295253	1.318741	480.9692	1334.229	0.311891	0.512575	242.2373	59.21483	0.681797	100	1
2167.128	1564.628	331.9513	22.81756	0.279497	1.584464	477.3978	1325.103	0.296804	0.479574	308.5986	77.95007	0.900927	100	2
2167.28	1564.78	331.9557	22.78291	0.275011	1.678823	472.0576	1326.046	0.292533	0.473746	322.5351	83.3247	0.964477	100	2.3
2167.433	1564.933	331.9601	22.77364	0.259856	2.025266	468.3141	1333.031	0.278091	0.448019	377.9683	121.1248	1.402577	100	4.3
2167.585	1565.085	331.9644	22.75871	0.254347	2.040341	468.579	1330.771	0.272868	0.446693	387.0054	132.8077	1.538856	100	4.9
2167.737	1565.237	331.9688	22.68883	0.257429	1.804987	472.0076	1329.105	0.275821	0.467246	354.5669	100.3141	1.165838	100	3.3
2167.89	1565.39	331.9732	22.70374	0.278115	1.440072	476.0349	1334.881	0.295583	0.511029	266.876	65.28177	0.75822	100	1.4
2168.042	1565.542	331.9776	22.75417	0.275585	1.651977	478.3271	1334.576	0.293184	0.495753	291.2676	72.20482	0.836831	100	1.8
2168.195	1565.695	331.982	22.84608	0.277781	1.663136	479.2863	1336.117	0.295305	0.491688	293.9495	73.04027	0.843215	100	1.8
2168.347	1565.847	331.9864	22.93114	0.277984	1.582888	479.5235	1331.552	0.295519	0.491815	293.4796	72.89263	0.83849	100	1.8
2168.5	1566	331.9908	23.00475	0.261559	1.812406	479.5336	1332.55	0.279857	0.460201	358.72	103.2854	1.184423	100	3.4
2168.652	1566.152	331.9952	23.07915	0.236309	2.437011	478.6473	1321.507	0.255897	0.395281	481.3746	376.9667	4.309385	100	17.3
2168.804	1566.304	331.9996	23.17273	0.239957	2.57759	477.0995	1324.105	0.259372	0.398883	471.6089	354.0055	4.031094	100	15.9
2168.957	1566.457	332.004	23.19708	0.243075	2.580448	475.3895	1323.039	0.262347	0.402851	462.0265	330.4129	3.758652	100	14.5
2169.109	1566.609	332.0083	23.27731	0.251859	2.259337	474.1832	1332.34	0.270707	0.429269	414.0342	191.5355	2.17158	100	7.6
2169.261	1566.761	332.0127	23.30129	0.246794	2.100051	473.6435	1332.019	0.265917	0.418076	436.0899	260.708	2.952922	100	10.9
2169.414	1566.914	332.0171	23.33836	0.249872	2.011924	473.5492	1335.868	0.268859	0.42722	419.4099	209.9697	2.374597	100	8.4
2169.566	1567.066	332.0215	23.34103	0.244712	2.146782	473.6175	1336.78	0.263982	0.414192	444.1199	283.2586	3.203114	100	12
2169.719	1567.219	332.0259	23.31686	0.254039	2.080253	473.3018	1329.508	0.272861	0.436536	401.0319	157.6078	1.78405	100	5.9
2169.871	1567.371	332.0303	23.31892	0.255745	2.068903	473.2719	1319.362	0.274505	0.438646	395.8519	147.3035	1.667283	100	5.4
2170.023	1567.523	332.0347	23.27938	0.278913	1.643026	474.0769	1315.983	0.296633	0.488999	295.8284	73.63614	0.834844	100	1.8
2170.176	1567.676	332.0391	23.37584	0.275795	1.68907	475.6508	1310.791	0.29367	0.481235	310.63	78.6847	0.888525	100	2
2170.328	1567.828	332.0434	23.54303	0.269507	1.788756	476.7788	1309.559	0.287683	0.472748	330.6058	86.86756	0.974194	100	2.4
2170.48	1567.98	332.0478	23.61446	0.242432	2.490408	477.2894	1302.529	0.261942	0.409515	453.3893	308.1878	3.446153	100	13.3
2170.633	1568.133	332.0522	23.68466	0.231945	3.251871	476.7466	1300.052	0.252035	0.380314	507.3578	433.2503	4.830761	100	20.1
2170.785	1568.285	332.0566	23.77047	0.233779	3.825482	476.3144	1297.926	0.253789	0.371886	516.5684	451.6865	5.018798	100	20.8
2170.938	1568.438	332.061	23.79869	0.226645	2.531539	475.4889	1300.502	0.24707	0.349558	556.6545	524.1405	5.817234	100	24.8
2171.09	1568.59	332.0654	23.80959	0.23164	3.677078	474.5007	1297.132	0.251808	0.377697	511.2831	441.1977	4.894565	100	20.5
2171.243	1568.743	332.0698	23.71892	0.227311	2.892847	473.2977	1287.366	0.247739	0.381818	511.2105	441.052	4.911071	100	20.8
2171.395	1568.895	332.0742	23.6661	0.237185	2.363768	473.4273	1290.122	0.257094	0.410621	458.5541	321.5905	3.58864	100	14.1
2171.547	1569.047	332.0786	23.5778	0.248952	2.049706	473.8304	1289.107	0.268272	0.436439	407.499	172.8445	1.935782	100	6.7
2171.7	1569.2	332.083	23.53008	0.267022	1.614259	473.6192	1290.363	0.285494	0.472156	334.444	88.69269	0.995278	100	2.5
2171.852	1569.352	332.0873	23.61139	0.279771	1.45068	473.1779	1290.476	0.297699	0.500198	278.9027	68.55751	0.766772	100	1.4
2172.005	1569.505	332.0917	23.59563	0.25516	1.881577	471.4709	1291.599	0.274233	0.447321	384.256	128.9614	1.443297	100	4.5
2172.157	1569.657	332.0961	23.69418	0.250923	2.01743	470.3628	1290.833	0.270226	0.435692	405.8341	168.6407	1.879801	100	6.4
2172.309	1569.809	332.1005	23.68069	0.263434	1.69174	468.4808	1287.379	0.282153	0.456831	360.2018	104.4069	1.164454	100	3.2
2172.462	1569.962	332.1049	23.7748	0.266052	1.644888	466.654	1286.58	0.28467	0.452342	362.9226	106.5582	1.18391	100	3.2
2172.614	1570.114	332.1093	23.86732	0.261106	1.748752	464.9421	1286.126	0.279976	0.454949	365.8039	108.9766	1.206255	100	3.4
2172.767	1570.267	332.1137	23.92479	0.239884	2.186062	463.6824	1281.759	0.259833	0.419203	442.9303	279.9752	3.091866	100	11.9
2172.919	1570.419	332.1181	23.97846	0.244707	1.973747	463.3117	1275.097	0.264426	0.44049	407.2163	172.1161	1.896648	100	6.6
2173.071	1570.571	332.1224	24.04257	0.23737	2.052877	463.5429	1267.558	0.257493	0.410287	458.4637	321.3588	3.532158	100	13.8
2173.224	1570.724	332.1269	24.01187	0.24385	1.876364	462.7205	1262.916	0.263654	0.420962	435.2302	258.2389	2.841917	100	10.5
2173.376	1570.876	332.1312	23.99346	0.243898	1.966073	461.8963	1254.297	0.263719	0.419755	436.8059	262.7559	2.893797	100	10.8
2173.529	1571.029	332.1356	23.97884	0.262703	1.663262	460.5137	1238.356	0.28162	0.465306	349.2413	96.83482	1.067104	100	2.9

2173.681	1571.181	332.14	23.97713	0.248385	1.914999	458.954	1218.362	0.268019	0.435125	409.6616	178.6263	1.968587	100	6.8
2173.833	1571.333	332.1444	23.88649	0.24294	1.989424	455.8374	1199.286	0.262873	0.426742	428.3327	238.0329	2.632928	100	9.7
2173.986	1571.486	332.1488	23.87296	0.255029	1.687581	452.5995	1182.579	0.274373	0.458138	369.135	111.9704	1.239216	100	3.7
2174.138	1571.638	332.1532	23.78909	0.252875	1.758901	453.6982	1169.564	0.272346	0.444917	390.1766	137.6071	1.52815	100	4.9
2174.291	1571.791	332.1576	23.82857	0.266119	1.721743	464.7562	1157.329	0.284979	0.452856	361.7883	105.6464	1.171353	100	3.2
2174.443	1571.943	332.162	23.83087	0.254147	3.279058	487.802	1153.774	0.273596	0.365066	498.6473	415.114	4.602185	100	17.4
2174.595	1572.095	332.1663	23.9036	0.253138	1.099679	513.5784	1154.563	0.272657	0.288643	605.4072	598.6109	6.617086	100	24.8
2174.748	1572.248	332.1707	23.96045	0.250651	0.017322	534.1271	1159.903	0.270314	0.255649	654.1722	662.2974	7.304372	100	27.4
2174.9	1572.4	332.1751	24.0231	0.249633	0.004876	545.4247	1165.947	0.269366	0.295265	600.8091	592.1086	6.513886	100	24.3
2175.053	1572.553	332.1795	24.02542	0.253316	0.004913	543.1282	1171.429	0.272887	0.333601	543.0467	500.8507	5.509481	100	19.9
2175.205	1572.705	332.1839	24.02775	0.260696	0.006396	530.8808	1177.005	0.279931	0.367431	486.641	388.92	4.277855	100	14.5
2175.357	1572.857	332.1883	24.07705	0.258113	0.010571	514.1474	1182.412	0.277492	0.386267	464.0124	335.3923	3.68183	100	12.4
2175.51	1573.01	332.1927	24.06806	0.264738	0.418771	498.109	1187.862	0.283824	0.423263	404.2194	164.7565	1.809314	100	5.1
2175.662	1573.162	332.1971	23.94189	0.262191	1.609391	485.8088	1188.241	0.281417	0.422764	408.2306	174.7589	1.92894	100	6.1
2175.814	1573.314	332.2014	23.93626	0.251658	1.995067	476.3157	1183.925	0.271413	0.391441	465.2613	338.4993	3.737146	100	13.8
2175.967	1573.467	332.2058	23.89941	0.250533	1.917507	467.0958	1173.345	0.270364	0.394965	461.8467	329.9597	3.648327	100	13.5
2176.119	1573.619	332.2102	23.8853	0.255477	1.573514	459.9771	1161.929	0.275085	0.422308	417.5974	203.4088	2.250373	100	7.6
2176.272	1573.772	332.2146	23.93218	0.257881	1.33221	454.6765	1151.925	0.277393	0.437594	393.3182	142.7863	1.576713	100	4.8
2176.424	1573.924	332.219	23.99802	0.257779	1.330613	454.8985	1146.156	0.277317	0.445508	382.5026	126.6485	1.394819	100	4.1
2176.577	1574.077	332.2234	24.10304	0.249236	1.505783	460.1681	1138.521	0.269213	0.42157	426.7199	233.2043	2.557571	100	9
2176.729	1574.229	332.2278	24.16031	0.269675	1.224689	470.6381	1126.331	0.288698	0.462248	343.6949	93.54898	1.023622	100	2.4
2176.881	1574.381	332.2322	24.25277	0.268315	1.618864	484.4327	1111.499	0.287421	0.430171	389.7232	136.8955	1.492428	100	4.3
2177.034	1574.534	332.2366	24.29594	0.262916	3.239424	496.5595	1096.415	0.282291	0.362436	490.2763	397.0032	4.320732	100	15.7
2177.186	1574.686	332.241	24.31488	0.26281	2.70553	507.5838	1085.877	0.28221	0.292847	586.4215	571.1115	6.211006	100	22.8
2177.339	1574.839	332.2454	24.31722	0.260524	0.658175	511.7152	1080.951	0.280052	0.254797	641.9087	647.0993	7.036808	100	25.5
2177.491	1574.991	332.2497	24.31957	0.254608	0.0493	508.1934	1079.433	0.274441	0.236267	675.2224	687.3145	7.473497	100	27.6
2177.643	1575.143	332.2541	24.31206	0.249502	0.020617	494.3973	1082.644	0.269608	0.258736	650.8853	658.2719	7.159902	100	26.9
2177.796	1575.296	332.2585	24.3144	0.250573	0.013869	478.2545	1090.925	0.270646	0.331512	549.0221	511.2307	5.560098	100	20.4
2177.948	1575.448	332.2629	24.27025	0.260188	0.302349	462.958	1105.467	0.279813	0.409939	428.1416	237.4627	2.587178	100	8.2
2178.101	1575.601	332.2673	24.2146	0.262867	0.763935	458.1657	1117.821	0.282386	0.44201	380.333	123.9267	1.353198	100	3.6
2178.253	1575.753	332.2717	24.35425	0.253988	1.147428	458.4767	1130.579	0.273953	0.421807	419.8515	211.6251	2.298048	100	7.7
2178.405	1575.905	332.2761	24.48645	0.257118	1.167168	460.9008	1140.188	0.276952	0.42683	408.7814	176.2278	1.903726	100	6
2178.558	1576.058	332.2805	24.63169	0.248948	1.336672	463.9146	1147.951	0.269204	0.407644	445.9502	288.2726	3.096444	100	11.1
2178.71	1576.21	332.2848	24.63532	0.241531	1.424907	464.9352	1149.291	0.262187	0.395582	472.2786	355.6142	3.819279	100	14.6
2178.863	1576.363	332.2893	24.62748	0.234376	1.560115	472.8787	1148.792	0.255433	0.385249	495.859	409.1576	4.39572	100	17.6
2179.015	1576.515	332.2936	24.62396	0.232051	1.475421	487.2784	1151.994	0.253255	0.379807	506.3746	431.2379	4.633618	100	18.7
2179.167	1576.667	332.298	24.69559	0.238117	1.664963	512.5295	1164.034	0.259014	0.374487	505.7686	429.9934	4.607385	100	18.2
2179.32	1576.82	332.3024	24.73394	0.242302	2.794435	532.9493	1175.523	0.262999	0.354983	527.1855	472.0528	5.050549	100	20
2179.472	1576.972	332.3068	24.81569	0.239601	3.840897	546.0652	1195.85	0.26046	0.310598	591.9391	579.2845	6.17824	100	25.2
2179.625	1577.125	332.3112	24.70888	0.233855	1.727315	542.2205	1214.129	0.255041	0.282527	638.1557	642.3475	6.879388	100	28.3
2179.777	1577.277	332.3156	24.58627	0.237673	0.224109	523.3195	1234.622	0.258674	0.315283	587.9388	573.3744	6.170244	100	24.3
2179.929	1577.429	332.32	24.45629	0.243548	3.118875	497.6184	1251.224	0.264262	0.354835	525.6463	469.1565	5.074623	100	20.1
2180.082	1577.582	332.3244	24.33246	0.245929	3.133864	477.2738	1264.299	0.266541	0.382137	484.8238	384.8284	4.182949	100	16.2
2180.234	1577.734	332.3287	24.21627	0.258968	1.607418	466.5584	1271.561	0.278956	0.436569	392.5758	141.5218	1.545425	100	4.7
2180.387	1577.887	332.3331	24.10215	0.263404	1.352009	461.6816	1275.857	0.283203	0.460116	354.2195	100.0764	1.097843	100	2.9
2180.539	1578.039	332.3375	23.99732	0.261154	1.530235	459.399	1277.846	0.281079	0.467433	347.0534	95.50068	1.052077	100	2.8
2180.691	1578.191	332.3419	23.93551	0.244129	2.03098	462.4202	1276.806	0.264915	0.44071	406.2379	169.6413	1.873521	100	6.6
2180.844	1578.344	332.3463	23.87741	0.243195	2.095767	464.9027	1271.755	0.264049	0.447741	397.7304	150.8659	1.670099	100	5.8
2180.996	1578.496	332.3507	23.96525	0.242962	1.995	468.4143	1268.859	0.263848	0.446329	399.956	155.3404	1.713557	100	6
2181.149	1578.649	332.3551	23.87032	0.249784	1.817668	469.2289	1270.24	0.270343	0.455763	377.9743	121.1316	1.341348	100	4.2
2181.301	1578.801	332.3595	23.96891	0.251252	1.748805	471.6215	1273.22	0.271758	0.445486	390.2037	137.6498	1.518218	100	4.9
2181.453	1578.953	332.3638	23.86823	0.247211	1.821258	471.8564	1277.036	0.26794	0.421247	428.9222	239.7879	2.655561	100	9.6
2181.606	1579.106	332.3683	23.79826	0.252877	1.638407	471.0217	1280.872	0.273343	0.43501	402.4731	160.7581	1.785413	100	5.8
2181.758	1579.258	332.3726	23.72714	0.247603	1.595654	468.5869	1286.138	0.268353	0.441673	400.1643	155.7738	1.735087	100	5.8
2181.911	1579.411	332.377	23.70595	0.24194	1.631503	466.9338	1292.787	0.263001	0.44789	398.9712	153.3255	1.709309	100	5.8
2182.063	1579.563	332.3814	23.69346	0.217912	1.986698	466.1127	1296.517	0.240323	0.40031	495.927	409.3038	4.565388	100	19.9
2182.215	1579.715	332.3858	23.68793	0.216731	2.107049	465.2965	1298.608	0.239232	0.395788	503.672	425.6616	4.74896	100	20.9
2182.368	1579.868	332.3902	23.78396	0.202691	2.467823	464.8027	1296.639	0.22607	0.361675	568.9118	544.103	6.046721	100	28.9
2182.52	1580.02	332.3946	23.74663	0.197796	2.62909	463.7163	1292.198	0.221509	0.361531	575.4051	554.3167	6.169652	100	30.3
2182.673	1580.173	332.399	23.67114	0.201129	2.434387	464.4019	1285.016	0.224648	0.385208	538.3983	492.603	5.499732	100	26.4
2182.825	1580.325	332.4034	23.59858	0.205519	2.340236	464.9709	1283.414	0.228782	0.397812	515.3008	449.1929	5.030043	100	23.5
2182.978	1580.478	332.4078	23.55822	0.206474	2.389071	464.6982	1282.298	0.229697	0.404203	505.2173	428.8583	4.810347	100	22.4
2183.13	1580.63	332.4121	23.67785	0.212189	2.241108	463.2677	1283.987	0.235083	0.42294	471.9287	354.7742	3.959951	100	17.7
2183.282	1580.782	332.4165	23.67266	0.230194	1.783438	462.5774	1285.426	0.252068	0.464733	390.8152	138.6241	1.54765	100	5.6
2183.435	1580.935	332.4209	23.65983	0.23277	1.770079	464.2797	1289.956	0.254523	0.461581	391.7768	140.1894	1.565962	100	5.6
2183.587	1581.087	332.4253	23.63082	0.251925	1.436443	467.3734	1291.62	0.272702	0.487084	331.4963	87.28226	0.976139	100	2.6
2183.739	1581.239	332.4297	23.60425	0.257988	1.437525	471.2934	1294.237	0.278489	0.494703	312.9942	79.55894	0.890742	100	2.2
2183.892	1581.392	332.4341	23.42645	0.26392	1.400606	473.9201	1297.322	0.284161	0.508246	286.479	70.75444	0.797995	100	1.7
2184.044	1581.544	332.4385	23.39985	0.261411	1.5879	475.2141	1302.938	0.28179	0.501447	299.1327	74.70647	0.843504	100	2
2184.197	1581.697	332.4429	23.36954	0.270904	1.511204	475.6784	1307.634	0.290867	0.515359	267.4092	65.42208	0.73961	100	1.5
2184.349	1581.849	332.4473	23.3304	0.269611	1.517121	476.3058	1312.548	0.289652	0.507461	279.985	68.86455	0.779801	100	1.6
2184.501	1582.001	332.4516	23.2901	0.277372	1.390262	476.8889	1312.456	0.297089	0.517552	255.7958	62.45777	0.708446	100	1.2
2184.654	1582.154	332.456	23.19584	0.285823	1.286603	478.015	1311.157	0.305202	0.52944	228.1951	56.06843	0.638485	100	0.9
2184.806	1582.306	332.4604	23.31173	0.29287	1.244178	478.5319	1311.811	0.311982	0.537574	207.6129	51.79256	0.586956	100	0.6
2184.958	1582.458	332.4648	23.35073	0.299149	1.174312	478.9379	1314.779	0.318036	0.551472	180.0799	46.61088	0.527382	100	0.4
2185.111	1582.611	332.4692	23.39862	0.290186	1.281798	479.3502	1318.765	0.309447	0.541498	205.6967	51.41296	0.580568	100	0.6
2185.263	1582.763	332.4736	23.5102	0.265235	1.619702	480.2557	1320.811	0.285598	0.500863	294.6845	73.2723	0.823613	100	1.9
2185.416	1582.916	332.478	23.59312	0.267757	1.55376	480.9949	1322.478	0.288023	0.513192	274.3227	67.28161	0.753708	100	1.6
2185.568	1583.068	332.4824	23.80574	0.265371	1.569945	481.0019	1324.652	0.285767	0.504656	289.2157	71.57706	0.794905	100	1.8
2185.721	1583.221	332.4868	24.01978	0.275637	1.464376	479.7371	1330.727	0.295592	0.52343	249.7505	60.98497	0.671446	100	1.2

2185.873	1583.373	332.4911	24.15904	0.267761	1.605582	479.2632	1339.258	0.288088	0.504879	285.7058	70.52494	0.772165	100	1.7
2186.025	1583.525	332.4955	24.10813	0.265761	1.623525	480.1257	1349.944	0.2862	0.502426	291.6956	72.33698	0.793627	100	1.8
2186.178	1583.678	332.4999	24.10488	0.27992	1.352558	482.261	1359.343	0.29975	0.52587	240.6451	58.84778	0.645724	100	1
2186.33	1583.83	332.5043	23.95968	0.284471	1.218584	483.7698	1362.803	0.304129	0.531531	226.7898	55.76431	0.615477	100	0.8
2186.483	1583.983	332.5087	24.0592	0.288615	1.149771	483.7183	1366.856	0.308122	0.535967	215.1569	53.31672	0.586117	100	0.6
2186.635	1584.135	332.5131	23.98534	0.256165	1.571713	482.1709	1369.84	0.277139	0.466242	354.1348	100.0186	1.102797	100	3.1
2186.787	1584.287	332.5175	24.09075	0.248928	1.69337	480.5255	1370.21	0.270279	0.447842	388.9932	135.7681	1.490653	100	4.8
2186.94	1584.44	332.5219	24.1388	0.247135	1.678846	480.4402	1367.263	0.268597	0.44511	395.0845	145.9014	1.598847	100	5.3
2187.092	1584.592	332.5262	24.21541	0.24108	1.674787	481.8047	1362.437	0.262875	0.445385	402.6019	161.046	1.759434	100	6.1
2187.245	1584.745	332.5307	24.35984	0.226011	1.951578	483.7065	1354.962	0.248644	0.435185	436.316	261.3554	2.839007	100	11.5
2187.397	1584.897	332.535	24.49557	0.245486	1.629059	484.2694	1349.066	0.267093	0.477374	352.6362	99.01255	1.069799	100	3.1
2187.549	1585.049	332.5394	24.62633	0.256504	1.526815	483.4931	1345.927	0.277583	0.493113	316.4398	80.87266	0.86934	100	2.1
2187.702	1585.202	332.5438	24.65351	0.279576	1.27031	481.6049	1345.754	0.299623	0.524082	243.2864	59.45818	0.638472	100	0.9
2187.854	1585.354	332.5482	24.65136	0.267389	1.392935	479.4525	1347.384	0.287996	0.498041	295.2687	73.45769	0.788875	100	1.7
2188.007	1585.507	332.5526	24.83472	0.260896	1.483498	477.9728	1348.288	0.281825	0.47981	328.9443	86.10724	0.918154	100	2.3
2188.159	1585.659	332.557	24.86244	0.271435	1.389497	478.1117	1349.426	0.291899	0.498014	289.9198	71.79138	0.764691	100	1.5
2188.312	1585.812	332.5614	24.85064	0.273741	1.397073	479.5223	1352.719	0.294123	0.504051	278.5193	68.44928	0.729432	100	1.4
2188.464	1585.964	332.5658	24.80513	0.256792	1.582235	480.8055	1352.15	0.277978	0.478446	336.1353	89.52962	0.955769	100	2.5
2188.616	1586.116	332.5701	24.9768	0.247633	1.725214	479.9814	1350.667	0.269292	0.475855	351.6974	98.39661	1.043489	100	3
2188.769	1586.269	332.5745	25.18513	0.253264	1.633942	478.6092	1350.928	0.274663	0.493126	320.452	82.46705	0.867608	100	2.2
2188.921	1586.421	332.5789	25.05234	0.257219	1.576224	478.063	1352.466	0.278445	0.50481	299.1092	74.69877	0.789892	100	1.8
2189.073	1586.573	332.5833	24.9296	0.253631	1.54306	477.0595	1359.518	0.275052	0.496018	315.9228	80.67242	0.857107	100	2.1
2189.226	1586.726	332.5877	25.03928	0.242687	1.655987	474.9749	1360.796	0.264681	0.476667	356.9405	101.9822	1.078958	100	3.2
2189.378	1586.878	332.5921	25.10958	0.264588	1.387768	474.4963	1361.56	0.285526	0.51328	277.6473	68.20408	0.719654	100	1.4
2189.531	1587.031	332.5965	25.17047	0.258806	1.561593	475.5934	1357.401	0.280037	0.491509	315.2678	80.4203	0.846587	100	2
2189.683	1587.183	332.6009	25.32323	0.252276	1.755669	478.9573	1351.513	0.273844	0.478484	341.7867	92.48816	0.967991	100	2.7
2189.835	1587.335	332.6052	25.49931	0.241386	1.896362	481.4655	1339.511	0.263528	0.471562	365.5765	108.7801	1.130966	100	3.6
2189.988	1587.488	332.6097	25.55994	0.236753	1.913195	482.0826	1334.334	0.259161	0.478626	361.8546	105.6991	1.096441	100	3.5
2190.14	1587.64	332.614	25.38846	0.250451	1.563704	480.9654	1332.172	0.27217	0.50492	307.6155	77.59977	0.810185	100	2
2190.292	1587.792	332.6184	25.3991	0.273579	1.29077	477.6488	1337.244	0.294231	0.533441	237.8126	58.20153	0.607418	100	0.9
2190.445	1587.945	332.6228	25.44223	0.285499	1.261424	476.6328	1345.222	0.305659	0.540198	212.7171	52.81853	0.550346	100	0.6
2190.597	1588.097	332.6272	25.48808	0.273683	1.4527	479.4655	1353.277	0.294371	0.504272	277.8732	68.26747	0.710095	100	1.3
2190.75	1588.25	332.6316	25.47255	0.252577	1.75153	485.4094	1362.208	0.274272	0.455809	372.4893	115.2233	1.199227	100	3.6
2190.902	1588.402	332.636	25.31606	0.253219	1.752691	492.3239	1361.959	0.274902	0.461775	363.3856	106.9368	1.119597	100	3.3
2191.055	1588.555	332.6404	25.31428	0.260028	1.642177	495.6758	1364.817	0.281402	0.482578	325.7082	84.67381	0.886578	100	2.2
2191.207	1588.707	332.6448	25.21852	0.26122	1.664208	497.0648	1367.216	0.282558	0.490197	313.5978	79.7856	0.838451	100	2
2191.359	1588.859	332.6491	25.46459	0.274299	1.524524	495.7294	1371.143	0.29506	0.51919	256.3347	62.59128	0.651659	100	1.1
2191.512	1589.012	332.6535	25.66372	0.286126	1.474936	493.0763	1374.402	0.306401	0.540772	210.9003	52.45086	0.542022	100	0.6
2191.664	1589.164	332.6579	25.82135	0.297646	1.312976	491.7594	1376.283	0.317479	0.55824	171.5079	45.11006	0.463438	100	0.3
2191.817	1589.317	332.6623	25.76694	0.306281	1.251624	491.3854	1383.977	0.325807	0.569509	144.4646	40.69055	0.418885	100	0
2191.969	1589.469	332.6667	25.72639	0.283877	1.437911	491.2847	1390.068	0.304307	0.522427	239.1071	58.49582	0.603094	100	0.9
2192.121	1589.621	332.6711	25.68271	0.263448	1.727549	490.6282	1397.797	0.284803	0.479625	325.0902	84.40684	0.871665	100	2.1
2192.274	1589.774	332.6755	25.66689	0.278219	1.422347	489.5815	1387.022	0.29893	0.514975	256.8114	62.70968	0.647988	100	1.1
2192.426	1589.926	332.6799	25.62406	0.276183	1.463402	488.3672	1379.164	0.297003	0.509604	266.8826	65.28351	0.675671	100	1.2
2192.579	1590.079	332.6843	25.59148	0.2982	1.226952	487.1595	1374.553	0.318133	0.558393	170.3941	44.91872	0.465472	100	0.2
2192.731	1590.231	332.6887	25.59177	0.283168	1.420673	486.2879	1375.506	0.303728	0.531317	227.6371	55.94744	0.579756	100	0.8
2192.883	1590.383	332.693	25.59536	0.275512	1.522781	485.917	1377.587	0.296422	0.521524	251.2345	61.34238	0.635582	100	1.1
2193.036	1590.536	332.6974	25.4153	0.251025	1.870242	486.0436	1378.449	0.273099	0.472874	350.5577	97.66313	1.018798	100	2.9
2193.188	1590.688	332.7018	25.39399	0.250746	1.843185	486.2866	1377.683	0.272854	0.467542	358.2526	102.9386	1.074705	100	3.2
2193.341	1590.841	332.7062	25.41659	0.246526	1.845719	486.8528	1375.87	0.268867	0.452006	385.1955	130.2447	1.358639	100	4.4
2193.493	1590.993	332.7106	25.57314	0.250155	1.836182	486.5402	1374.793	0.272333	0.453112	378.8858	122.1923	1.267161	100	3.9
2193.646	1591.146	332.715	25.74832	0.265329	1.607548	486.8329	1374.836	0.286798	0.4885	310.0889	78.48756	0.808628	100	1.8
2193.798	1591.298	332.7194	25.65359	0.267061	1.647098	486.9702	1376.461	0.28847	0.496614	296.5838	73.87827	0.763842	100	1.7
2193.95	1591.45	332.7238	25.66125	0.262171	1.695172	487.9308	1378.43	0.283827	0.489249	313.1554	79.61932	0.822972	100	2
2194.103	1591.603	332.7282	25.66328	0.267405	1.619717	488.561	1381.171	0.288839	0.497921	294.2719	73.14187	0.755968	100	1.6
2194.255	1591.755	332.7325	25.83959	0.276192	1.518669	489.1944	1382.283	0.297253	0.512399	262.6804	64.19233	0.659133	100	1.2
2194.407	1591.907	332.7369	26.00449	0.276695	1.564379	489.9845	1383.512	0.297754	0.508871	266.8581	65.27706	0.666204	100	1.2
2194.56	1592.06	332.7413	25.89902	0.289167	1.416121	489.9944	1382.961	0.309721	0.531412	219.2373	54.16141	0.554921	100	0.7
2194.712	1592.212	332.7457	26.00404	0.286184	1.467799	489.2887	1385.21	0.30688	0.52448	232.7233	57.06127	0.582375	100	0.8
2194.865	1592.365	332.7501	25.95186	0.285318	1.475242	488.9177	1388.978	0.30607	0.521975	237.2982	58.08506	0.593971	100	0.8
2195.017	1592.517	332.7545	25.99106	0.286848	1.457742	489.1611	1393.748	0.307557	0.528255	226.5797	55.71902	0.568958	100	0.7
2195.169	1592.669	332.7589	25.78203	0.277337	1.541069	489.7301	1398.269	0.298469	0.513565	259.394	63.3564	0.651977	100	1.1
2195.322	1592.822	332.7633	25.76803	0.265005	1.688503	489.6816	1400.174	0.28671	0.494341	302.1503	75.71053	0.779521	100	1.8
2195.474	1592.974	332.7677	25.76696	0.27076	1.573272	488.7609	1400.016	0.292222	0.510724	271.9351	66.63071	0.686068	100	1.3
2195.626	1593.126	332.772	25.81978	0.27709	1.505313	489.2162	1397.603	0.298293	0.522288	247.5977	60.47115	0.62143	100	1
2195.779	1593.279	332.7764	25.94432	0.264046	1.718893	489.0079	1394.897	0.285856	0.49311	305.0269	76.69301	0.784514	100	1.8
2195.931	1593.431	332.7808	25.92082	0.236654	2.204115	488.29	1392.317	0.259852	0.427477	431.4856	247.3576	2.532509	100	9.7
2196.084	1593.584	332.7852	25.96785	0.266731	1.5465	486.632	1390.354	0.288457	0.497562	295.2936	73.46563	0.750861	100	1.6
2196.236	1593.736	332.7896	26.01011	0.271115	1.479188	485.4258	1392.644	0.292662	0.511312	270.5155	66.24813	0.676046	100	1.3
2196.389	1593.889	332.794	25.8733	0.266808	1.53954	484.7232	1395.232	0.288571	0.505305	284.4519	70.15543	0.719552	100	1.5
2196.541	1594.041	332.7984	25.9016	0.268548	1.545264	484.8497	1404.257	0.290251	0.507024	279.7605	68.80068	0.704925	100	1.4
2196.693	1594.193	332.8028	25.74145	0.270077	1.490899	485.0899	1398.836	0.291731	0.508431	275.7764	67.6826	0.697611	100	1.3
2196.846	1594.346	332.8072	25.6163	0.265434	1.573364	485.3301	1398.77	0.28732	0.503966	288.0257	71.21736	0.737491	100	1.6
2196.998	1594.498	332.8115	25.53493	0.261803	1.652548	485.681	1399.255	0.283879	0.498594	300.1882	75.05471	0.779612	100	1.8
2197.151	1594.651	332.8159	25.67446	0.2556	1.771443	485.9243	1397.902	0.277992	0.483213	329.537	86.3765	0.892543	100	2.3
2197.303	1594.803	332.8203	25.67041	0.255316	1.782154	486.8373	1399.74	0.277742	0.477489	337.7814	90.36474	0.933904	100	2.5
2197.455	1594.955	332.8247	25.68312	0.278697	1.450515	488.1371	1399.449	0.300072	0.525319	240.9596	58.92006	0.608645	100	0.9
2197.608	1595.108	332.8291	25.76599	0.266351	1.670522	489.1545	1401.162	0.288296	0.50161	289.9303	71.79458	0.739357	100	1.6
2197.76	1595.26	332.8335	25.845	0.246622	2.11901	489.7231	1401.078	0.269542	0.456627	377.8879	121.0323	1.242775	100	4
2197.913	1595.413	332.8379	25.77332	0.282477	1.477893	489.5705	1400.787	0.30375	0.528704	231.2125	56.72778	0.584047	100	0.8

2198.065	1595.565	332.8423	25.67537	0.27963	1.485665	489.5282	1404.538	0.301045	0.51727	250.7254	61.21948	0.632603	100	1
2198.217	1595.717	332.8466	25.49986	0.276091	1.527664	488.8748	1406.911	0.297679	0.507361	269.0445	65.8551	0.685006	100	1.2
2198.37	1595.87	332.8511	25.50156	0.265973	1.63877	488.5591	1411.924	0.288035	0.488433	308.4743	77.90558	0.810307	100	1.8
2198.522	1596.022	332.8554	25.60264	0.258808	1.806916	488.3571	1408.065	0.281227	0.475558	335.6371	89.28092	0.925112	100	2.4
2198.675	1596.175	332.8598	25.43932	0.266931	1.682257	489.0457	1402.611	0.288989	0.496618	295.8617	73.64677	0.767824	100	1.7
2198.827	1596.327	332.8642	25.34194	0.266932	1.669508	490.1767	1397.917	0.289011	0.493801	299.7193	74.89962	0.783775	100	1.7
2198.979	1596.479	332.8686	25.24281	0.293452	1.313582	491.0834	1395.712	0.314417	0.549561	187.7101	47.99013	0.504085	100	0.4
2199.132	1596.632	332.873	25.26311	0.289611	1.326283	491.4825	1394.867	0.31075	0.541198	204.3115	51.14039	0.536765	100	0.5
2199.284	1596.784	332.8774	25.14023	0.291885	1.318581	490.9435	1394.026	0.312952	0.545582	195.2224	49.3896	0.52083	100	0.5
2199.437	1596.937	332.8818	25.10707	0.26221	1.715612	490.7384	1395.404	0.284588	0.481131	323.3078	83.64835	0.883228	100	2.2
2199.589	1597.089	332.8862	24.92868	0.252707	1.862002	490.7575	1395.304	0.275563	0.455587	371.0136	113.761	1.209465	100	3.7
2199.741	1597.241	332.8905	24.74788	0.263499	1.648559	491.3326	1397.886	0.285857	0.482261	319.9977	82.2828	0.880963	100	2.1
2199.894	1597.394	332.8949	24.81412	0.282828	1.418086	491.797	1398.638	0.304348	0.524915	235.6169	57.70634	0.616251	100	0.9
2200.046	1597.546	332.8993	24.69976	0.295532	1.299886	492.366	1402.113	0.316555	0.554024	178.6	46.34815	0.497168	100	0.4
2200.199	1597.699	332.9037	24.75374	0.29842	1.295033	492.6093	1411.177	0.31935	0.556676	171.0837	45.03708	0.482094	100	0.3
2200.351	1597.851	332.9081	24.61775	0.295777	1.325411	492.9644	1410.759	0.31683	0.540872	196.3718	49.60746	0.533849	100	0.5
2200.503	1598.003	332.9125	24.7614	0.281006	1.488174	493.7102	1415.446	0.302684	0.503973	266.8131	65.26524	0.698428	100	1.2
2200.656	1598.156	332.9169	24.76697	0.286823	1.387792	495.2896	1421.561	0.308277	0.52576	229.0289	56.24975	0.601825	100	0.8
2200.808	1598.308	332.9213	24.80568	0.281056	1.491507	496.8628	1426.966	0.302772	0.524321	238.6115	58.38295	0.623715	100	1
2200.96	1598.46	332.9256	24.81516	0.27608	1.638768	497.4809	1430.533	0.29803	0.519531	251.766	61.47101	0.65647	100	1.2
2201.113	1598.613	332.9301	24.63377	0.273067	1.724906	496.7659	1431.134	0.29517	0.50946	269.6113	66.00614	0.70991	100	1.4
2201.265	1598.765	332.9344	24.75596	0.289202	1.526676	495.4458	1433.348	0.310639	0.545689	198.2685	49.96918	0.534877	100	0.6
2201.418	1598.918	332.9388	24.6968	0.302613	1.4372	494.5711	1432.271	0.323543	0.571692	144.5751	40.7077	0.436751	100	0.2
2201.57	1599.07	332.9432	24.71631	0.305481	1.43189	494.0437	1429.306	0.326324	0.574963	136.2241	39.43307	0.422758	100	0.1
2201.723	1599.223	332.9476	24.69305	0.294062	1.590099	495.2866	1421.367	0.315364	0.548242	188.2237	48.08449	0.515981	100	0.5
2201.875	1599.375	332.952	24.72794	0.300209	1.463283	496.2409	1414.336	0.321291	0.558466	165.9344	44.16088	0.473238	100	0.3
2202.027	1599.527	332.9564	24.79699	0.278891	1.776941	495.9069	1410.018	0.300859	0.514062	255.4085	62.36204	0.666499	100	1.2
2202.18	1599.68	332.9608	24.78851	0.274438	1.942726	493.5794	1413.259	0.296621	0.505145	273.5625	67.07333	0.717094	100	1.5
2202.332	1599.832	332.9652	24.78519	0.270875	2.142161	491.5345	1426.099	0.293236	0.499321	286.272	70.69288	0.755895	100	1.7
2202.485	1599.985	332.9696	24.70902	0.28619	1.93449	490.3945	1432.52	0.307911	0.534835	217.0112	53.69877	0.575894	100	0.9
2202.637	1600.137	332.9739	24.70137	0.286413	1.774687	490.7495	1430.743	0.308145	0.534811	216.7214	53.63887	0.575429	100	0.8
2202.79	1600.29	332.9784	24.75097	0.308857	1.382981	491.8866	1417.837	0.329735	0.577268	128.3354	38.266	0.409722	100	0
2202.942	1600.442	332.9827	24.74237	0.314359	1.245275	493.5275	1408.798	0.335061	0.581768	114.7763	36.34061	0.38924	91.9	0
2203.094	1600.594	332.9871	24.72154	0.308604	1.293975	495.5965	1393.617	0.329532	0.566577	143.3693	40.52111	0.434374	100	0.1
2203.247	1600.747	332.9915	24.83	0.285187	1.564386	496.3761	1391.407	0.307049	0.516806	243.0801	59.41022	0.634184	100	1
2203.399	1600.899	332.9959	24.74759	0.269323	1.805172	494.8256	1385.501	0.291895	0.482805	310.914	78.78861	0.843748	100	2
2203.551	1601.051	333.0003	24.80507	0.263049	1.910073	492.8329	1384.966	0.28593	0.474383	330.7686	86.94301	0.929003	100	2.4
2203.704	1601.204	333.0047	24.87432	0.243286	2.389602	491.301	1383.972	0.26716	0.452408	386.9964	132.7947	1.415144	100	4.8
2203.856	1601.356	333.0091	24.87735	0.238276	2.48576	491.5043	1386.228	0.262432	0.458487	385.1323	130.1574	1.38689	100	4.9
2204.009	1601.509	333.0135	24.95083	0.231544	2.595663	494.3645	1392.409	0.256083	0.471222	376.3197	119.266	1.267244	100	4.5
2204.161	1601.661	333.0178	24.99327	0.235807	2.322982	496.7178	1395.265	0.260135	0.482927	354.5747	100.3195	1.064198	100	3.5
2204.313	1601.813	333.0222	24.94657	0.256736	1.893377	497.8839	1397.401	0.280017	0.509976	289.8095	71.75774	0.762591	100	1.8
2204.466	1601.966	333.0266	24.93751	0.275529	1.570871	496.7222	1395.958	0.297964	0.510843	263.8468	64.49264	0.685629	100	1.3
2204.618	1602.118	333.031	25.03779	0.294246	1.375217	494.4933	1397.003	0.315921	0.52742	216.1898	53.52917	0.566886	100	0.6
2204.771	1602.271	333.0354	25.06978	0.272568	1.647375	490.9401	1392.792	0.295174	0.497222	286.4931	70.75863	0.748436	100	1.5
2204.923	1602.423	333.0398	25.03994	0.250319	2.020509	487.9491	1390.904	0.273995	0.486367	330.7004	86.91141	0.920351	100	2.6
2205.075	1602.575	333.0442	25.01744	0.239485	2.229919	486.4787	1387.922	0.263737	0.474095	361.7921	105.6494	1.119757	100	3.7
2205.228	1602.728	333.0486	24.97568	0.260663	1.840809	487.407	1390.795	0.283876	0.501411	296.3042	73.78848	0.783335	100	1.9
2205.38	1602.88	333.0529	25.00368	0.277907	1.614823	490.7186	1394.554	0.300359	0.513424	256.9804	62.75175	0.665458	100	1.2
2205.533	1603.033	333.0574	25.02177	0.286371	1.532054	494.0763	1399.707	0.308485	0.523201	232.2746	56.96197	0.603645	100	0.9
2205.685	1603.185	333.0617	25.02652	0.271867	1.743301	496.1482	1403.744	0.294625	0.498407	285.6168	70.4986	0.746967	100	1.6
2205.837	1603.337	333.0661	24.91345	0.260779	1.99414	496.7714	1404.802	0.284067	0.478114	328.1912	85.7682	0.912735	100	2.4
2205.99	1603.49	333.0705	24.88551	0.243473	2.269243	496.563	1409.02	0.267637	0.435674	409.4305	177.9906	1.896221	100	6.8
2206.142	1603.642	333.0749	24.93633	0.271039	1.775918	496.2966	1413.748	0.293894	0.494082	292.5935	72.61569	0.772099	100	1.7
2206.295	1603.795	333.0793	24.96695	0.277042	1.651027	495.5231	1415.802	0.299652	0.504101	270.8209	66.33016	0.70444	100	1.3
2206.447	1603.947	333.0837	25.07399	0.293398	1.425155	494.0856	1411.649	0.315347	0.542438	196.2566	49.58557	0.52445	100	0.5
2206.599	1604.099	333.0881	24.98026	0.295749	1.414256	492.0322	1400.991	0.317625	0.55106	181.2157	46.81356	0.496924	100	0.4
2206.752	1604.252	333.0925	25.06207	0.306824	1.277168	489.8768	1392.98	0.328298	0.573396	135.6615	39.34866	0.416375	100	0
2206.904	1604.404	333.0968	25.06425	0.280961	1.620359	488.5659	1384.518	0.303482	0.518944	245.0525	59.87061	0.633485	100	1
2207.057	1604.557	333.1012	25.12908	0.271922	1.753873	488.7076	1381.292	0.294857	0.50188	280.5032	69.01232	0.728406	100	1.5
2207.209	1604.709	333.1056	25.13881	0.266667	1.815329	490.5114	1380.924	0.28986	0.497031	294.09	73.08452	0.771107	100	1.7
2207.361	1604.861	333.11	25.04828	0.260782	1.920993	492.8219	1382.186	0.28427	0.487442	315.0376	80.33213	0.850531	100	2.1
2207.514	1605.014	333.1144	25.0612	0.256729	2.029684	495.513	1382.577	0.28043	0.475185	337.2507	90.09326	0.953414	100	2.6
2207.666	1605.166	333.1188	25.17963	0.259665	1.984382	497.7007	1383.697	0.283246	0.474019	334.9744	88.95294	0.937094	100	2.5
2207.819	1605.319	333.1232	25.30179	0.285591	1.511377	499.0497	1388.975	0.308037	0.525212	230.1165	56.48726	0.592319	100	0.8
2207.971	1605.471	333.1276	25.36236	0.290344	1.421839	499.4525	1397.862	0.312616	0.532779	213.3553	52.94836	0.553941	100	0.6
2208.124	1605.624	333.132	25.28545	0.280113	1.617316	499.4685	1404.77	0.30283	0.509585	258.8677	63.22389	0.663383	100	1.2
2208.276	1605.776	333.1363	25.26548	0.269926	1.903166	499.2634	1407.3	0.293111	0.485508	305.5069	76.85947	0.807076	100	1.9
2208.428	1605.928	333.1407	25.18016	0.269784	2.00104	499.387	1409.004	0.292995	0.484516	307.0344	77.39427	0.815348	100	1.9
2208.581	1606.081	333.1451	25.10487	0.268588	2.046571	499.1204	1404.735	0.291874	0.480223	314.5067	80.12963	0.846608	100	2.1
2208.733	1606.233	333.1495	25.16318	0.279519	1.867658	498.4637	1402.696	0.302342	0.507251	262.7618	64.21323	0.676937	100	1.3
2208.885	1606.385	333.1539	25.09724	0.27344	1.86686	497.2451	1403.255	0.296547	0.494827	287.904	71.18074	0.752293	100	1.6
2209.038	1606.538	333.1583	25.08695	0.286567	1.606493	495.8052	1403.755	0.309133	0.522138	232.8463	57.08851	0.603599	100	0.9
2209.19	1606.69	333.1627	25.06046	0.29015	1.452334	493.3611	1401.483	0.312589	0.528112	219.8322	54.28579	0.574555	100	0.7
2209.343	1606.843	333.1671	24.97508	0.30058	1.319048	490.4714	1397.622	0.322629	0.549881	175.9363	45.8791	0.487182	100	0.3
2209.495	1606.995	333.1715	25.03614	0.302693	1.278395	487.4189	1389.794	0.324681	0.557079	163.1713	43.69792	0.462935	100	0.2
2209.647	1607.147	333.1758	25.16345	0.28944	1.410899	484.7639	1387.128	0.311968	0.532338	214.8579	53.25538	0.561444	100	0.7
2209.8	1607.3	333.1802	25.27619	0.2886	1.396803	483.5688	1386.911	0.311182	0.535917	211.0041	52.47178	0.550814	100	0.6
2209.952	1607.452	333.1846	25.28144	0.255617	1.796146	484.2635	1385.95	0.279692	0.492742	314.042	79.95333	0.839137	100	2.1
2210.104	1607.604	333.189	25.12484	0.22888	2.245697	486.1008	1383.919	0.254366	0.470898	379.1357	122.4873	1.293265	100	4.6

2210.257	1607.757	333.1934	25.27565	0.209006	2.471596	485.4226	1379.173	0.235673	0.460171	419.7353	211.1873	2.21701	100	9.7
2210.409	1607.909	333.1978	25.38997	0.221789	2.157128	482.3079	1379.015	0.247717	0.470193	389.2841	136.2147	1.423781	100	5.4
2210.562	1608.062	333.2022	25.45904	0.246301	1.751172	477.5887	1371.395	0.27092	0.490992	328.5624	85.9349	0.895898	100	2.5
2210.714	1608.214	333.2066	25.45842	0.254305	1.713775	475.0094	1368.496	0.278543	0.486371	324.418	84.11881	0.876993	100	2.3
2210.867	1608.367	333.211	25.53689	0.257856	1.646606	475.8209	1362.313	0.281942	0.506235	292.3159	72.52931	0.753939	100	1.7
2211.019	1608.519	333.2153	25.62993	0.264241	1.467366	478.1326	1355.887	0.288045	0.526816	255.492	62.38266	0.64621	100	1.2
2211.171	1608.671	333.2197	25.72545	0.271373	1.427794	480.8748	1349.631	0.294872	0.532979	237.566	58.14567	0.600177	100	0.9
2211.324	1608.824	333.2241	25.82009	0.275145	1.377639	483.013	1358.092	0.298497	0.523881	245.1186	59.88611	0.615973	100	1
2211.476	1608.976	333.2285	25.86093	0.256856	1.672558	485.0347	1374.196	0.281071	0.473197	339.1109	91.05479	0.935155	100	2.5
2211.629	1609.129	333.2329	25.822	0.247574	1.795212	486.7154	1385.84	0.272267	0.446185	388.5365	135.074	1.389262	100	4.5
2211.781	1609.281	333.2373	25.80904	0.24569	1.86571	487.0078	1387.3	0.270499	0.445085	392.4946	141.3851	1.454886	100	4.8
2211.933	1609.433	333.2417	25.90753	0.26074	1.596799	486.7935	1373.057	0.284828	0.482499	321.0883	82.72677	0.84818	100	2
2212.086	1609.586	333.2461	25.98071	0.268684	1.534518	485.7068	1366.156	0.292424	0.501003	285.0706	70.33734	0.719212	100	1.5
2212.238	1609.738	333.2505	25.90933	0.258365	1.704568	486.4999	1364.835	0.282607	0.478521	329.6442	86.42544	0.886059	100	2.3
2212.391	1609.891	333.2549	25.89332	0.26692	1.637358	486.6848	1368.785	0.29078	0.495436	295.0212	73.37906	0.752756	100	1.6
2212.543	1610.043	333.2592	25.84968	0.273001	1.547053	487.2045	1374.397	0.296607	0.510847	265.7138	64.97741	0.667654	100	1.2
2212.695	1610.195	333.2636	25.93488	0.290067	1.324843	487.6689	1368.516	0.312968	0.54527	195.6313	49.46699	0.506684	100	0.4
2212.848	1610.348	333.268	26.04103	0.285891	1.315997	488.2469	1369.843	0.308983	0.534734	215.6704	53.42222	0.545063	100	0.6
2213	1610.5	333.2724	25.86109	0.289716	1.26536	489.3256	1374.043	0.312672	0.536821	207.6997	51.80983	0.532143	100	0.5
2213.153	1610.653	333.2768	25.71829	0.285799	1.249709	490.5702	1381.685	0.308935	0.52898	223.6762	55.09716	0.568929	100	0.7
2213.305	1610.805	333.2812	25.79556	0.287093	1.25676	491.9193	1391.132	0.310195	0.535085	213.5137	52.98064	0.545505	100	0.6
2213.458	1610.958	333.2856	25.85146	0.281616	1.374678	492.2056	1389.669	0.304968	0.528527	229.7775	56.41309	0.579647	100	0.8
2213.61	1611.11	333.29	25.83872	0.257887	1.843727	491.6026	1391.743	0.282331	0.484104	322.3193	83.23484	0.855653	100	2.2
2213.762	1611.262	333.2943	26.01277	0.242915	2.174478	490.6189	1394.144	0.268127	0.456504	380.0102	123.5344	1.261791	100	4.2
2213.915	1611.415	333.2988	25.91825	0.240836	2.203134	490.0298	1398.971	0.266176	0.453912	386.2795	131.765	1.350579	100	4.6
2214.067	1611.567	333.3031	25.93966	0.253133	1.925941	490.5494	1399.312	0.277868	0.471778	345.4885	94.57732	0.968649	100	2.7
2214.219	1611.719	333.3075	26.01775	0.271337	1.64973	491.4655	1400.171	0.295237	0.502232	279.4928	68.72464	0.701849	100	1.4
2214.372	1611.872	333.3119	26.00718	0.268289	1.782434	492.8092	1400.345	0.292346	0.496509	291.3801	72.23952	0.738039	100	1.6
2214.524	1612.024	333.3163	25.99117	0.26118	1.882738	493.1068	1399.927	0.285587	0.487296	313.4217	79.71932	0.814945	100	2
2214.677	1612.177	333.3207	26.17504	0.248988	2.111122	493.344	1400.276	0.274009	0.467692	356.4526	101.633	1.031973	100	3.1
2214.829	1612.329	333.3251	26.19636	0.248753	2.05631	493.3599	1399.573	0.273805	0.470344	353.0748	99.30403	1.007547	100	3
2214.981	1612.481	333.3295	26.09731	0.265682	1.825498	493.3098	1400.579	0.289938	0.503709	284.7669	70.24793	0.71534	100	1.6
2215.134	1612.634	333.3339	25.98115	0.284488	1.516872	492.3168	1398.751	0.307938	0.537881	212.7694	52.82916	0.540274	100	0.7
2215.286	1612.786	333.3382	25.86854	0.280746	1.533006	490.6589	1400.454	0.304374	0.524845	235.6776	57.71997	0.592762	100	0.9
2215.438	1612.938	333.3426	25.8976	0.270241	1.64198	489.1206	1400.545	0.294349	0.503804	278.549	68.45765	0.702283	100	1.4
2215.591	1613.091	333.347	25.83882	0.257809	1.828051	488.808	1403.901	0.282515	0.482439	324.3624	84.09509	0.864593	100	2.2
2215.743	1613.243	333.3514	25.79398	0.262044	1.796041	489.2786	1401.06	0.286569	0.497693	297.718	74.24464	0.7646	100	1.8
2215.896	1613.396	333.3558	25.70611	0.25449	1.916176	490.6828	1403.673	0.279397	0.4801	331.8939	87.46907	0.903754	100	2.4
2216.048	1613.548	333.3602	25.64891	0.270005	1.723705	491.0306	1401.825	0.294203	0.51128	268.4329	65.69267	0.680214	100	1.4
2216.201	1613.701	333.3646	25.52181	0.268354	1.827109	490.9821	1402.032	0.292647	0.506525	277.1433	68.063	0.708136	100	1.5
2216.353	1613.853	333.369	25.39302	0.273679	1.778269	490.1043	1400.519	0.297753	0.518195	253.9913	62.01341	0.648347	100	1.2
2216.505	1614.005	333.3733	25.3671	0.282196	1.637593	489.0636	1399.039	0.305922	0.532001	223.6663	55.09504	0.576587	100	0.8
2216.658	1614.158	333.3778	25.30059	0.274874	1.722205	488.5267	1399.355	0.298935	0.51101	262.2752	64.08846	0.672408	100	1.3
2216.81	1614.31	333.3821	25.18215	0.275308	1.721589	488.8315	1400.481	0.29937	0.506558	267.8188	65.53016	0.690652	100	1.3
2216.963	1614.463	333.3865	25.12745	0.270457	1.817742	489.9716	1401.248	0.294754	0.494452	290.8946	72.08998	0.761388	100	1.7
2217.115	1614.615	333.3909	25.13151	0.265581	1.873052	492.2112	1403.301	0.29012	0.487195	307.3053	77.48993	0.8183	100	2
2217.267	1614.767	333.3953	25.13319	0.253644	2.060862	493.2777	1399.783	0.278772	0.477473	336.3818	89.65335	0.946694	100	2.7
2217.42	1614.92	333.3997	25.05573	0.254004	1.948816	493.0018	1395.972	0.279134	0.481976	329.6682	86.43641	0.915451	100	2.5
2217.572	1615.072	333.4041	25.24859	0.262419	1.71698	491.2345	1392.747	0.287166	0.497615	297.0032	74.01334	0.778119	100	1.8
2217.725	1615.225	333.4085	25.38865	0.267487	1.62755	490.0361	1393.287	0.292018	0.494931	294.0107	73.05952	0.764022	100	1.7
2217.877	1615.377	333.4129	25.33794	0.272659	1.585094	490.1686	1397.195	0.296977	0.500655	279.2677	68.66082	0.719411	100	1.4
2218.029	1615.529	333.4172	25.25292	0.269649	1.65972	491.189	1394.671	0.294122	0.491354	296.0431	73.70481	0.774769	100	1.7
2218.182	1615.682	333.4216	25.15432	0.263579	1.746115	491.9821	1392.923	0.28835	0.481728	317.2918	81.2052	0.856839	100	2.1
2218.334	1615.834	333.426	25.21675	0.263329	1.744312	492.2188	1389.869	0.288132	0.486166	311.4692	78.99259	0.831514	100	2
2218.487	1615.987	333.4304	25.24089	0.264576	1.731476	492.0632	1389.52	0.289341	0.495772	296.5438	73.8654	0.776834	100	1.8
2218.639	1616.139	333.4348	25.16962	0.279634	1.523569	491.3513	1390.863	0.303747	0.526163	234.7256	57.50673	0.606446	100	0.9
2218.792	1616.292	333.4392	25.18454	0.278791	1.611469	490.5811	1395.18	0.30296	0.522431	240.9603	58.92022	0.621003	100	1
2218.944	1616.444	333.4436	25.20131	0.275724	1.698204	489.3735	1395.572	0.300046	0.511183	260.5032	63.63686	0.670292	100	1.3
2219.096	1616.596	333.448	25.05169	0.271613	1.714964	488.8345	1396.613	0.296137	0.502298	278.1601	68.34811	0.724062	100	1.5
2219.249	1616.749	333.4524	25.0334	0.275743	1.585813	488.5741	1396.269	0.300103	0.509354	262.9495	64.26145	0.681254	100	1.3
2219.401	1616.901	333.4567	24.93022	0.280824	1.455011	488.59	1397.762	0.304985	0.521743	239.1152	58.49767	0.622629	100	1
2219.553	1617.053	333.4611	24.85241	0.26255	1.757488	488.6061	1395.02	0.287549	0.490667	306.0616	77.05281	0.822607	100	2
2219.706	1617.206	333.4655	24.77675	0.269572	1.609235	488.7325	1397.817	0.294267	0.514139	264.3997	64.63569	0.692081	100	1.4
2219.858	1617.358	333.4699	24.70776	0.258527	1.768912	488.638	1398.183	0.283756	0.490509	311.5146	79.00932	0.848272	100	2.1
2220.011	1617.511	333.4743	24.71078	0.271233	1.521549	488.6477	1401.046	0.295893	0.511288	266.0906	65.07588	0.698602	100	1.3
2220.163	1617.663	333.4787	24.53102	0.260206	1.678778	488.0033	1405.479	0.285394	0.484206	317.9523	81.46517	0.880737	100	2.2
2220.315	1617.815	333.4831	24.65123	0.259793	1.717855	488.2372	1410.531	0.285021	0.484751	317.7142	81.37125	0.875588	100	2.2
2220.468	1617.968	333.4875	24.68027	0.248248	2.051436	488.1427	1410.696	0.274062	0.462096	364.1024	107.5303	1.155766	100	3.6
2220.62	1618.12	333.4919	24.79019	0.261249	1.923389	488.0482	1412.482	0.286448	0.494087	302.8614	75.95103	0.812859	100	2
2220.772	1618.272	333.4962	24.90199	0.274062	1.798172	488.0672	1411.62	0.298695	0.523652	245.1618	59.89624	0.638265	100	1.2
2220.925	1618.425	333.5006	24.84721	0.273619	1.917069	488.4148	1412.319	0.298291	0.527049	241.0312	58.93654	0.629379	100	1.2
2221.077	1618.577	333.505	24.8196	0.267215	2.095696	488.6549	1406.904	0.292196	0.516628	263.8229	64.48647	0.689391	100	1.5
2221.23	1618.73	333.5094	24.98263	0.270667	1.975123	488.6678	1395.09	0.295512	0.522489	251.1588	61.32407	0.651465	100	1.3
2221.382	1618.882	333.5138	24.9659	0.278399	1.705678	488.4567	1386.209	0.302922	0.530453	229.9422	56.44912	0.600069	100	1
2221.535	1619.035	333.5182	24.93091	0.293789	1.424344	487.9159	1378.563	0.317695	0.555952	174.3674	45.60511	0.485455	100	0.4
2221.687	1619.187	333.5226	25.1085	0.264927	1.833287	487.4842	1373.541	0.290093	0.497578	293.014	72.74687	0.769101	100	1.8
2221.839	1619.339	333.527	25.06283	0.263039	1.909178	486.9473	1370.264	0.288312	0.497207	295.9839	73.68587	0.780403	100	1.9
2221.992	1619.492	333.5314	25.24349	0.249916	2.125069	486.9632	1368.416	0.275844	0.470841	349.5744	97.04257	1.020697	100	3
2222.144	1619.644	333.5357	25.39341	0.261476	1.837063	487.2065	1370.895	0.286863	0.494269	302.0384	75.67281	0.791414	100	1.9
2222.297	1619.797	333.5402	25.55571	0.253236	1.965237	487.7713	1365.071	0.279039	0.479068	333.8118	88.38516	0.918727	100	2.5

2222.449	1619.949	333.5445	25.52163	0.254127	1.890016	487.4533	1363.464	0.279907	0.481351	329.4651	86.34372	0.898667	100	2.4
2222.601	1620.101	333.5489	25.50375	0.258123	1.733942	486.9134	1365.576	0.283729	0.489322	313.1898	79.63221	0.82938	100	2
2222.754	1620.254	333.5533	25.46104	0.262686	1.626623	486.6006	1373.701	0.288095	0.494292	300.3068	75.09401	0.783383	100	1.8
2222.906	1620.406	333.5577	25.34271	0.26782	1.492302	487.1803	1386.838	0.293011	0.500652	284.7451	70.24152	0.736059	100	1.5
2223.059	1620.559	333.5621	25.14035	0.275286	1.379487	488.1928	1391.823	0.300163	0.51364	256.9527	62.74484	0.662601	100	1.1
2223.211	1620.711	333.5665	25.35992	0.268798	1.435088	488.4268	1388.647	0.293984	0.503992	278.792	68.52624	0.717629	100	1.4
2223.363	1620.863	333.5709	25.34384	0.264884	1.522426	487.8193	1383.541	0.29027	0.506569	280.3625	68.97213	0.722746	100	1.5
2223.516	1621.016	333.5753	25.465	0.25925	1.611389	486.0476	1379.596	0.284921	0.503901	291.4262	72.25374	0.753674	100	1.7
2223.668	1621.168	333.5796	25.4545	0.265451	1.499912	484.5064	1371.157	0.290851	0.511948	272.1375	66.68553	0.695875	100	1.4
2223.821	1621.321	333.584	25.44757	0.261785	1.560757	483.6377	1369.333	0.287375	0.493252	302.735	75.90817	0.792329	100	1.8
2223.973	1621.473	333.5884	25.43775	0.26223	1.52001	483.7704	1362.781	0.287818	0.486696	311.1703	78.88262	0.823689	100	1.9
2224.125	1621.625	333.5928	25.52965	0.246263	1.880503	484.7908	1360.232	0.272654	0.453703	377.6284	120.7354	1.256361	100	4
2224.278	1621.778	333.5972	25.62079	0.243041	1.988792	485.5868	1359.01	0.269616	0.450347	386.4502	132.0084	1.368982	100	4.6
2224.43	1621.93	333.6016	25.78098	0.27056	1.530221	486.1558	1362.532	0.295825	0.515849	259.8906	63.48175	0.654407	100	1.2
2224.583	1622.083	333.606	25.81356	0.273392	1.463536	486.0026	1369.438	0.298551	0.523289	245.8616	60.06072	0.618396	100	1
2224.735	1622.235	333.6104	26.01607	0.266215	1.584195	485.6223	1377.354	0.291718	0.506597	278.3257	68.39472	0.698948	100	1.4
2224.887	1622.387	333.6147	26.08996	0.278773	1.423456	484.9657	1376.943	0.303736	0.524705	236.7506	57.96139	0.590722	100	0.9
2225.04	1622.54	333.6192	26.22126	0.279696	1.394596	483.8697	1373.398	0.304639	0.522491	238.56	58.37124	0.592047	100	0.8
2225.192	1622.692	333.6235	26.26887	0.26718	1.521898	483.3297	1370.356	0.292698	0.498713	287.8536	71.1656	0.72057	100	1.5
2225.345	1622.845	333.6279	26.10193	0.248134	1.861053	483.0693	1379.341	0.274588	0.457371	369.8971	112.6876	1.147997	100	3.5
2225.497	1622.997	333.6323	26.20409	0.252068	1.791324	483.1996	1390.554	0.278345	0.464717	354.5743	100.3192	1.018182	100	2.9
2225.649	1623.149	333.6367	26.05606	0.258486	1.722289	483.6141	1404.204	0.28447	0.47778	328.095	85.72514	0.874809	100	2.2
2225.802	1623.302	333.6411	26.07108	0.261158	1.630385	484.748	1403.917	0.287035	0.488242	310.1176	78.49799	0.800622	100	1.9
2225.954	1623.454	333.6455	25.96041	0.255654	1.73738	486.3305	1395.963	0.281814	0.482443	325.3245	84.50783	0.865451	100	2.2
2226.107	1623.607	333.6499	25.84784	0.252554	1.821822	488.1278	1392.209	0.278886	0.477549	336.1197	89.52181	0.92064	100	2.5
2226.259	1623.759	333.6543	25.8525	0.269432	1.579238	488.9748	1401.439	0.294985	0.51153	267.0085	65.31659	0.671604	100	1.3
2226.411	1623.911	333.6586	25.83362	0.272603	1.594352	489.3238	1412.72	0.298034	0.514749	258.3597	63.09634	0.649236	100	1.2
2226.564	1624.064	333.663	25.64781	0.270008	1.663666	489.3397	1413.402	0.295575	0.507851	271.2727	66.45179	0.688527	100	1.4
2226.716	1624.216	333.6674	25.8316	0.27649	1.557681	489.242	1396.977	0.301789	0.520556	245.1638	59.8967	0.61637	100	1
2226.869	1624.369	333.6718	25.82149	0.274698	1.608183	488.9193	1389.719	0.300096	0.517998	251.0315	61.29333	0.630985	100	1.1
2227.021	1624.521	333.6762	25.70078	0.277844	1.557998	488.4906	1381.526	0.303125	0.526756	234.765	57.51555	0.594771	100	0.9
2227.173	1624.673	333.6806	25.67615	0.289853	1.438655	488.2916	1380.972	0.31465	0.554017	181.2397	46.81785	0.484597	100	0.4
2227.326	1624.826	333.685	25.55294	0.297975	1.313529	488.8634	1378.522	0.322469	0.570095	148.2611	41.28345	0.429296	100	0.1
2227.478	1624.978	333.6894	25.34222	0.297242	1.31657	489.2143	1382.629	0.321785	0.566187	154.5993	42.29283	0.443314	100	0.2
2227.631	1625.131	333.6938	25.14503	0.29696	1.265653	489.4514	1385.258	0.321533	0.563723	158.3463	42.90128	0.453091	100	0.2
2227.783	1625.283	333.6982	25.09122	0.281443	1.433551	489.464	1389.799	0.306668	0.531257	223.6638	55.09452	0.583074	100	0.8
2227.936	1625.436	333.7026	25.08616	0.284195	1.397919	489.1422	1406.403	0.309324	0.536659	212.544	52.78339	0.558729	100	0.7
2228.088	1625.588	333.7069	25.04162	0.272091	1.690332	488.3102	1422.689	0.297763	0.509868	265.4703	64.91391	0.688318	100	1.3
2228.24	1625.74	333.7113	24.92332	0.28267	1.602959	486.826	1431.547	0.307903	0.53118	222.0656	54.75557	0.583265	100	0.8
2228.393	1625.893	333.7157	25.03313	0.268065	1.87497	485.9619	1424.922	0.293958	0.503057	280.1203	68.90307	0.73087	100	1.6
2228.545	1626.045	333.7201	24.91662	0.272296	1.72178	486.4293	1417.685	0.298018	0.512441	261.5669	63.90742	0.680942	100	1.3
2228.697	1626.197	333.7245	24.93215	0.268469	1.73352	487.5049	1408.636	0.294383	0.505375	276.3344	67.83747	0.722389	100	1.5
2228.85	1626.35	333.7289	24.73833	0.273256	1.667707	488.4607	1404.381	0.298975	0.516706	254.3605	62.10398	0.666338	100	1.2
2229.002	1626.502	333.7333	24.74436	0.259311	1.95657	488.3015	1400.31	0.285691	0.488656	311.401	78.96748	0.847082	100	2.2
2229.155	1626.655	333.7377	24.74967	0.255686	2.091778	487.1503	1404.208	0.28226	0.479634	328.5861	85.94559	0.921754	100	2.5
2229.307	1626.807	333.742	24.7485	0.249603	2.204034	486.7271	1412.533	0.276497	0.460663	362.7192	106.3931	1.141113	100	3.5
2229.459	1626.959	333.7464	24.78288	0.257351	2.042547	487.314	1421.205	0.283884	0.475256	332.3861	87.70181	0.93939	100	2.6
2229.612	1627.112	333.7508	24.81624	0.248589	2.219463	489.0532	1423.495	0.275574	0.456572	369.6389	112.4432	1.202848	100	3.8
2229.764	1627.264	333.7552	24.6391	0.257683	2.019669	490.3501	1420.886	0.28424	0.480876	324.1402	84.00048	0.904828	100	2.4
2229.917	1627.417	333.7596	24.59032	0.247779	2.210585	490.9095	1418.803	0.274844	0.4608	364.8114	108.1264	1.166948	100	3.7
2230.069	1627.569	333.764	24.40839	0.234826	2.691399	489.8504	1413.738	0.262587	0.426641	428.8656	239.6197	2.604728	100	10.2
2230.221	1627.721	333.7684	24.34051	0.237188	2.705974	487.5751	1416.918	0.264843	0.431048	419.6711	210.9463	2.299244	100	8.8
2230.374	1627.874	333.7728	24.22127	0.240611	2.706697	484.4121	1407.859	0.268104	0.446503	393.8425	143.695	1.5737	100	5.6
2230.526	1628.026	333.7771	24.26816	0.224337	3.118755	481.6976	1398.727	0.25274	0.420652	450.7192	301.1239	3.291674	100	13.9
2230.679	1628.179	333.7816	24.31233	0.223724	3.104343	479.8705	1379.853	0.25218	0.43126	436.8525	262.8891	2.868696	100	12
2230.831	1628.331	333.7859	24.28698	0.234828	2.669397	478.5006	1365.038	0.262688	0.46005	382.6211	126.8016	1.385093	100	5
2230.983	1628.483	333.7903	24.3327	0.247802	2.243131	478.1301	1358.663	0.275004	0.489353	325.1873	84.44867	0.920791	100	2.7
2231.136	1628.636	333.7947	24.22478	0.261128	1.887572	478.1983	1353.455	0.287698	0.511029	277.7558	68.23451	0.747212	100	1.7
2231.288	1628.788	333.7991	24.23571	0.267166	1.703416	477.5814	1350.028	0.293475	0.517839	260.3875	63.60754	0.696246	100	1.4
2231.441	1628.941	333.8035	24.1932	0.261298	1.758855	474.7808	1330.302	0.287899	0.499222	293.7729	72.98471	0.800254	100	1.9
2231.593	1629.093	333.8079	24.17212	0.222193	2.600629	469.0318	1317.652	0.250856	0.403667	476.7585	366.245	4.019185	100	17.2
2231.745	1629.245	333.8123	24.16776	0.22416	2.359704	461.7007	1305.854	0.25273	0.400593	478.4133	370.1152	4.062404	100	17.2
2231.898	1629.398	333.8167	24.19192	0.217582	2.385992	457.5732	1303.052	0.246553	0.392118	498.6347	415.0873	4.55166	100	20
2232.05	1629.55	333.821	24.07555	0.231691	1.749199	458.87	1300.452	0.259879	0.440502	413.4744	189.7852	2.090855	100	7.9
2232.203	1629.703	333.8254	24.15944	0.219919	1.908585	465.486	1306.12	0.248792	0.423097	452.7922	306.6162	3.366653	100	14.2
2232.355	1629.855	333.8298	24.15884	0.219822	2.033392	472.9567	1316.767	0.248721	0.419941	457.2478	318.2326	3.494318	100	14.8
2232.507	1630.007	333.8342	24.16015	0.222015	2.610389	478.5382	1331.541	0.250806	0.422106	451.3817	302.8854	3.325656	100	14.1
2232.66	1630.16	333.8386	24.05412	0.222256	2.977919	481.7299	1349.514	0.251053	0.423688	448.8582	296.1454	3.265557	100	13.9
2232.812	1630.312	333.843	24.07353	0.234591	2.561667	483.9203	1367.228	0.262721	0.452247	393.3449	142.8322	1.573777	100	5.8
2232.965	1630.465	333.8474	24.17997	0.250594	2.085674	485.601	1370.215	0.277912	0.486257	325.446	84.56028	0.927755	100	2.6
2233.117	1630.617	333.8518	24.28288	0.269868	1.903047	486.1113	1370.396	0.296291	0.523564	248.6008	60.70989	0.663354	100	1.3
2233.27	1630.77	333.8562	24.19631	0.266455	2.155881	485.5562	1365.063	0.293053	0.517806	261.0138	63.76654	0.699172	100	1.6
2233.422	1630.922	333.8606	24.24979	0.259935	2.382093	483.3247	1361.369	0.286857	0.50668	284.9194	70.29279	0.769092	100	2
2233.574	1631.074	333.8649	24.35105	0.256929	2.454512	480.1576	1357.012	0.284016	0.502898	294.0595	73.07491	0.796323	100	2.1
2233.727	1631.227	333.8693	24.28535	0.253086	2.463751	476.325	1351.529	0.28038	0.493566	311.9556	79.17227	0.865033	100	2.5
2233.879	1631.379	333.8737	24.2536	0.257677	2.122058	473.1711	1349.537	0.284767	0.501896	294.4046	73.18379	0.800624	100	2
2234.031	1631.531	333.8781	24.32952	0.24395	2.341879	471.6329	1348.381	0.271743	0.473983	350.8973	97.88008	1.067576	100	3.4
2234.184	1631.684	333.8825	24.41211	0.229316	2.747186	471.443	1357.374	0.257912	0.444028	411.3232	183.3314	1.993068	100	7.8
2234.336	1631.836	333.8869	24.42281	0.230558	2.852499	473.2588	1360.921	0.259105	0.44669	406.0035	169.0588	1.837144	100	7.1
2234.489	1631.989	333.8913	24.43074	0.240384	2.545296	476.6749	1366.756	0.268422	0.46569	366.9265	109.9608	1.194568	100	4

2234.641	1632.141	333.8957	24.4481	0.255043	2.222111	479.4825	1374.171	0.282359	0.493518	309.2902	78.1985	0.848941	100	2.3
2234.793	1632.293	333.9	24.32917	0.26009	2.129396	482.2213	1374.989	0.287183	0.502905	289.6788	71.71791	0.782273	100	1.9
2234.946	1632.446	333.9044	24.17551	0.261454	2.0926	483.1265	1376.427	0.288502	0.50632	283.1463	69.77407	0.765758	100	1.9
2235.098	1632.598	333.9088	24.19808	0.256354	2.067408	483.6401	1378.137	0.283665	0.49767	301.7574	75.5783	0.828717	100	2.2
2235.25	1632.75	333.9132	24.2966	0.234788	2.57725	483.3148	1379.578	0.263222	0.447794	398.7976	152.9761	1.670819	100	6.2
2235.403	1632.903	333.9176	24.39426	0.249441	2.246044	482.437	1376.049	0.277132	0.477084	339.1814	91.09179	0.99107	100	2.9
2235.555	1633.055	333.922	24.39362	0.256857	2.133945	481.4993	1371.943	0.284203	0.491331	309.764	78.36972	0.852685	100	2.3
2235.708	1633.208	333.9264	24.61512	0.267777	1.829788	479.9472	1362.651	0.29463	0.51692	260.0606	63.52475	0.685161	100	1.4
2235.86	1633.36	333.9308	24.49528	0.274181	1.594304	477.8009	1358.446	0.300766	0.532482	230.1171	56.48739	0.612144	100	1
2236.013	1633.513	333.9352	24.38518	0.278425	1.381008	477.7645	1340.149	0.304844	0.541738	211.7171	52.61582	0.572683	100	0.8
2236.165	1633.665	333.9396	24.27227	0.278769	1.28001	484.1263	1314.732	0.305193	0.540439	213.0273	52.88159	0.57817	100	0.7
2236.317	1633.817	333.9439	24.27447	0.267829	1.43088	499.6067	1287.089	0.294758	0.504307	277.2902	68.10405	0.744544	100	1.5
2236.47	1633.97	333.9483	24.36857	0.24306	2.630542	517.7657	1263.797	0.271215	0.400484	453.0565	307.3123	3.347156	100	12.9
2236.622	1634.122	333.9527	24.37078	0.246364	2.641954	528.2429	1253.209	0.274368	0.331207	544.3061	503.0589	5.478741	100	21.4
2236.775	1634.275	333.9571	24.43443	0.250525	0.029218	533.895	1243.875	0.278339	0.324502	548.079	509.6086	5.536144	100	20.3
2236.927	1634.427	333.9615	24.51845	0.249357	0.009428	538.9755	1246.978	0.277249	0.350222	514.0899	446.7978	4.837762	100	17.6
2237.079	1634.579	333.9659	24.50677	0.245558	0.009731	542.1399	1252.162	0.273662	0.340349	532.665	482.2137	5.223687	100	19.5
2237.232	1634.732	333.9703	24.57553	0.247592	0.010735	533.9886	1264.129	0.275612	0.304057	580.0561	561.4871	6.066042	100	22.7
2237.384	1634.884	333.9747	24.57775	0.249389	0.005057	517.0862	1282.167	0.277339	0.332079	539.0034	493.6854	5.333129	100	19.6
2237.537	1635.037	333.9791	24.57997	0.24659	0.019978	497.4088	1286.65	0.274701	0.415334	427.7529	236.3018	2.552496	100	8.5
2237.689	1635.189	333.9834	24.51268	0.256488	1.116262	483.2253	1292.619	0.284127	0.491463	309.6862	78.34154	0.848486	100	1.9
2237.841	1635.341	333.9878	24.52229	0.249471	1.552054	474.0299	1290.844	0.277475	0.494183	315.1113	80.36034	0.870029	100	2.3
2237.994	1635.494	333.9922	24.54868	0.248736	1.869959	465.2768	1294.699	0.276797	0.487164	325.7346	84.6853	0.91591	100	2.5
2238.146	1635.646	333.9966	24.5784	0.243567	1.972733	457.9734	1304.511	0.271911	0.475897	348.0255	96.08706	1.03802	100	3.2
2238.299	1635.799	334.001	24.49203	0.222256	2.244748	455.8117	1320.462	0.251782	0.440576	424.546	226.6321	2.456654	100	10
2238.451	1635.951	334.0054	24.43129	0.21184	2.391788	460.5546	1337.632	0.242	0.42308	462.1897	330.8241	3.59473	100	16
2238.604	1636.104	334.0098	24.53291	0.218036	2.285088	469.8861	1344.169	0.247846	0.433647	439.5386	270.5048	2.927558	100	12.4
2238.756	1636.256	334.0142	24.54198	0.241639	2.077962	477.6942	1340.81	0.270162	0.474049	352.9895	99.24716	1.073736	100	3.4
2238.908	1636.408	334.0186	24.50604	0.253661	2.100302	481.522	1347.478	0.281595	0.495227	307.9851	77.73106	0.842157	100	2.3
2239.061	1636.561	334.023	24.49995	0.261894	2.200609	481.1907	1367.472	0.289452	0.510593	275.938	67.7274	0.733958	100	1.8
2239.213	1636.713	334.0273	24.49995	0.248841	2.745156	479.3176	1373.599	0.277054	0.484404	329.1877	86.21757	0.934344	100	2.9
2239.365	1636.865	334.0317	24.4703	0.231867	3.466912	478.5197	1374.748	0.260992	0.453018	394.6668	145.1508	1.574864	100	6.1
2239.518	1637.018	334.0361	24.4387	0.242175	2.761152	480.219	1374.794	0.270768	0.477548	347.3231	95.66234	1.039229	100	3.4
2239.67	1637.17	334.0405	24.45119	0.251198	2.312449	483.9235	1373.854	0.279352	0.495517	310.6817	78.70361	0.854583	100	2.4
2239.823	1637.323	334.0449	24.45354	0.257928	2.073418	487.3946	1372.806	0.285773	0.50092	294.3645	73.17111	0.794444	100	2
2239.975	1637.475	334.0493	24.46732	0.270081	1.875345	490.1902	1372.117	0.297379	0.518158	254.5585	62.15264	0.674451	100	1.4
2240.127	1637.627	334.0537	24.40816	0.278231	1.800312	491.0357	1375.264	0.305189	0.533501	222.607	54.87012	0.596826	100	1
2240.28	1637.78	334.0581	24.57391	0.261327	2.11601	491.2509	1376.519	0.289069	0.502933	287.0375	70.921	0.766388	100	1.9
2240.432	1637.932	334.0624	24.78507	0.262135	2.089281	488.3765	1375.07	0.289859	0.506245	281.3768	69.26258	0.742313	100	1.8
2240.584	1638.084	334.0668	24.7485	0.254045	2.095931	487.1147	1369.703	0.282176	0.48455	321.9176	83.06821	0.891552	100	2.4
2240.737	1638.237	334.0712	24.72108	0.2614	1.930032	486.8603	1361.546	0.289197	0.492129	301.7703	75.58261	0.812087	100	2
2240.889	1638.389	334.0756	24.7819	0.255746	1.978597	487.6655	1352.587	0.283834	0.481675	323.5972	83.77035	0.897934	100	2.4
2241.042	1638.542	334.08	24.61604	0.2667	1.763341	489.4137	1337.664	0.29429	0.505343	276.5056	67.88512	0.732403	100	1.6
2241.194	1638.694	334.0844	24.60123	0.261033	1.753443	491.2264	1326.483	0.288906	0.494697	298.6274	74.54091	0.804686	100	1.9
2241.347	1638.847	334.0888	24.87599	0.257452	1.782578	494.3814	1313.531	0.285516	0.483325	318.9998	81.88151	0.874507	100	2.2
2241.499	1638.999	334.0932	25.15869	0.246599	1.796097	498.0309	1301.423	0.27522	0.454211	373.3854	116.1362	1.226917	100	3.8
2241.651	1639.151	334.0975	25.14974	0.247554	1.571039	502.8473	1284.963	0.276146	0.45086	376.7319	119.7237	1.265262	100	3.9
2241.804	1639.304	334.102	25.04695	0.244577	1.438435	507.6976	1274.241	0.27334	0.44052	394.8729	145.5202	1.543984	100	5
2241.956	1639.456	334.1063	24.87397	0.241226	1.385017	509.4489	1268.624	0.270183	0.434138	408.037	174.2482	1.861212	100	6.4
2242.109	1639.609	334.1107	25.02136	0.23472	1.189556	505.6532	1263.924	0.264042	0.415056	442.8445	279.7375	2.971026	100	11.3
2242.261	1639.761	334.1151	25.16949	0.21616	1.093308	499.1144	1263.87	0.246552	0.356996	547.104	507.9255	5.363985	100	23.5
2242.413	1639.913	334.1195	25.43048	0.208044	0.913787	490.1556	1269.112	0.238946	0.319521	609.3157	604.0629	6.31622	100	29
2242.566	1640.066	334.1239	25.25897	0.216989	0.560785	483.0149	1277.427	0.247372	0.366085	533.4295	483.6132	5.089888	100	21.9
2242.718	1640.218	334.1283	25.1985	0.246044	0.42837	474.7635	1286.396	0.27485	0.461318	364.0886	107.5187	1.134231	100	2.9
2242.871	1640.371	334.1327	25.34791	0.241373	0.732093	467.6619	1292.897	0.27044	0.462674	368.3024	111.201	1.166422	100	3.3
2243.023	1640.523	334.1371	25.32063	0.233743	1.167098	463.2486	1300.528	0.263236	0.451898	393.1163	142.4399	1.495661	100	5
2243.175	1640.675	334.1414	25.30006	0.206306	1.749947	463.6486	1306.63	0.237414	0.402147	497.4061	412.4718	4.334508	100	19.9
2243.328	1640.828	334.1458	25.31589	0.160492	3.195669	469.9209	1309.315	0.194809	0.336687	646.5363	652.8924	6.856925	100	42.1
2243.48	1640.98	334.1502	25.4015	0.124784	1.865494	475.5577	1305.149	0.16291	0.330502	699.0919	714.2732	7.477281	100	59.2
2243.633	1641.133	334.1546	25.40685	0.13185	1.861105	480.7857	1297.545	0.168979	0.352714	660.0628	669.4281	7.006468	100	52.3
2243.785	1641.285	334.159	25.38312	0.19329	2.011887	480.2271	1292.528	0.22531	0.438479	463.9701	335.2866	3.512418	100	17.1
2243.938	1641.438	334.1634	25.16902	0.225937	1.513098	477.8044	1289.124	0.255979	0.445576	411.8535	184.8835	1.952707	100	7.4
2244.09	1641.59	334.1678	25.11357	0.230841	1.518683	471.9599	1279.176	0.26063	0.432625	423.3092	222.86	2.35884	100	9
2244.242	1641.742	334.1722	25.1573	0.220793	1.780698	466.312	1276.986	0.251169	0.41279	463.7371	334.7049	3.536746	100	14.9
2244.395	1641.895	334.1766	25.10104	0.222505	1.836028	463.671	1282.085	0.252801	0.426744	442.2275	278.026	2.94421	100	12.1
2244.547	1642.047	334.181	25.03844	0.222945	1.914363	463.9817	1296.056	0.253236	0.435333	429.7742	242.315	2.572252	100	10.4
2244.699	1642.199	334.1853	24.99608	0.229724	1.835341	466.2306	1303.636	0.259653	0.461784	384.4179	129.1803	1.373545	100	4.8
2244.852	1642.352	334.1897	25.1231	0.229084	1.974673	468.1876	1305.001	0.259067	0.465631	379.9168	123.4214	1.305924	100	4.6
2245.004	1642.504	334.1941	25.22209	0.235928	1.852447	468.8086	1304.379	0.265558	0.476996	355.2755	100.804	1.062582	100	3.4
2245.157	1642.657	334.1985	25.23456	0.226057	2.083236	468.2071	1301.826	0.25625	0.451137	403.8066	163.7929	1.725746	100	6.6
2245.309	1642.809	334.2029	25.16593	0.235799	1.839974	466.9943	1306.984	0.265475	0.471256	363.3125	106.8767	1.129039	100	3.7
2245.461	1642.961	334.2073	25.1658	0.230252	2.092726	466.0672	1304.783	0.260249	0.463103	381.7741	125.7178	1.328094	100	4.7
2245.614	1643.114	334.2117	24.97695	0.229873	2.154879	465.6838	1298.763	0.259911	0.461954	383.8259	128.3843	1.366166	100	4.9
2245.766	1643.266	334.2161	24.78674	0.225467	2.282241	464.2899	1297.189	0.255771	0.449415	406.8435	171.1644	1.834907	100	7.1
2245.918	1643.418	334.2204	24.7683	0.241434	1.881077	461.0593	1298.662	0.27089	0.479331	344.6946	94.11829	1.009696	100	3.1
2246.071	1643.571	334.2248	24.88849	0.246299	1.784231	457.8563	1295.984	0.275523	0.491432	321.6025	82.93809	0.885614	100	2.4
2246.223	1643.723	334.2292	24.83809	0.236181	1.953463	456.2136	1291.001	0.265954	0.470734	363.3699	106.9238	1.143982	100	3.7
2246.376	1643.876	334.2336	24.90469	0.236731	1.791925	457.0341	1286.686	0.266494	0.469737	364.0014	107.4461	1.146612	100	3.7
2246.528	1644.028	334.238	24.99912	0.236922	1.735963	460.5729	1285.019	0.266694	0.464674	370.7119	113.4682	1.206473	100	3.9
2246.681	1644.181	334.2424	24.81032	0.230839	1.909351	464.7335	1283.508	0.260961	0.451067	397.4016	150.2288	1.609085	100	5.9

2246.833	1644.333	334.2468	24.57624	0.212643	2.472695	469.4258	1292.544	0.243832	0.411744	475.3043	362.8187	3.921909	100	17.5
2246.985	1644.485	334.2512	24.47857	0.221372	2.19163	473.407	1311.543	0.252067	0.430414	438.1775	266.6586	2.893609	100	12
2247.138	1644.638	334.2556	24.57454	0.247907	1.661324	477.0348	1325.948	0.277187	0.483365	330.4389	86.79044	0.938246	100	2.6
2247.29	1644.79	334.26	24.69281	0.259825	1.522983	478.6018	1336.962	0.28854	0.499875	291.9872	72.42727	0.779356	100	1.8
2247.443	1644.943	334.2644	24.69811	0.265755	1.46926	478.6086	1346.548	0.294212	0.504483	277.802	68.24748	0.734234	100	1.5
2247.595	1645.095	334.2687	24.70379	0.263252	1.546125	477.3833	1359.856	0.291844	0.491139	299.4828	74.82163	0.804789	100	1.8
2247.747	1645.247	334.2731	24.68061	0.271071	1.503805	474.6719	1366.351	0.299325	0.508479	265.231	64.85158	0.69819	100	1.3
2247.9	1645.4	334.2775	24.94052	0.27207	1.506363	473.1826	1365.752	0.300299	0.517755	251.0866	61.30663	0.653387	100	1.2
2248.052	1645.552	334.2819	24.99435	0.268426	1.513073	472.0457	1364.304	0.296838	0.519049	254.0762	62.03422	0.659773	100	1.2
2248.205	1645.705	334.2863	24.80998	0.2735	1.417485	473.239	1365.216	0.301704	0.531269	230.4971	56.57066	0.605986	100	0.9
2248.357	1645.857	334.2907	24.80918	0.270201	1.475497	475.0547	1363.95	0.298572	0.525586	242.6622	59.31325	0.635391	100	1.1
2248.509	1646.009	334.2951	24.80719	0.275196	1.381208	478.6949	1359.46	0.303364	0.534828	223.2945	55.01599	0.589407	100	0.9
2248.662	1646.162	334.2995	24.9809	0.278267	1.26705	481.6102	1356.631	0.306322	0.54303	207.8952	51.84875	0.551751	100	0.7
2248.814	1646.314	334.3038	24.93201	0.278958	1.204287	483.6747	1360.82	0.307002	0.543317	206.5603	51.58368	0.549974	100	0.6
2248.967	1646.467	334.3082	24.97396	0.266935	1.318516	483.6813	1371.916	0.295533	0.520831	253.4185	61.87321	0.658615	100	1.2
2249.119	1646.619	334.3126	25.00916	0.245102	1.720137	482.6928	1373.222	0.274778	0.474593	345.8679	94.79887	1.007734	100	2.9
2249.271	1646.771	334.317	25.02796	0.244467	1.860791	481.5876	1368.456	0.274196	0.469379	353.8666	99.83648	1.060526	100	3.2
2249.424	1646.924	334.3214	25.05164	0.226101	2.429196	480.2612	1358.87	0.256839	0.424716	439.4541	270.2669	2.868352	100	11.7
2249.576	1647.076	334.3258	25.00338	0.232258	2.219985	478.597	1358.188	0.262673	0.441083	408.8171	176.324	1.874835	100	7.1
2249.729	1647.229	334.3302	25.23236	0.234182	2.10644	476.383	1364.598	0.264513	0.451359	392.0968	140.7195	1.48317	100	5.3
2249.881	1647.381	334.3346	25.31337	0.254387	1.664092	474.513	1367.943	0.283697	0.49977	298.8157	74.60251	0.783884	100	1.9
2250.033	1647.533	334.339	25.32076	0.260989	1.589839	474.2616	1365.925	0.29	0.512829	272.0952	66.67406	0.700386	100	1.5
2250.186	1647.686	334.3434	25.17728	0.265905	1.501651	475.635	1366.83	0.294706	0.52287	251.744	61.46569	0.649227	100	1.2
2250.338	1647.838	334.3477	25.11495	0.260544	1.553236	479.1124	1365.898	0.289616	0.50879	278.1993	68.35914	0.723773	100	1.6
2250.491	1647.991	334.3521	25.11913	0.254304	1.680929	482.3593	1367.547	0.283696	0.490519	311.5841	79.03497	0.83668	100	2.1
2250.643	1648.143	334.3565	25.10092	0.247279	1.916565	484.6521	1365.755	0.277041	0.470732	348.0737	96.11637	1.018228	100	3
2250.795	1648.295	334.3609	25.08069	0.248524	1.986649	485.2752	1361.28	0.278241	0.472242	344.3339	93.91175	0.995657	100	2.9
2250.948	1648.448	334.3653	25.07417	0.246604	2.138164	485.0053	1365.752	0.276438	0.469756	350.2524	97.46929	1.033642	100	3.1
2251.1	1648.6	334.3697	25.06779	0.24048	2.26293	484.1889	1368.579	0.27065	0.456898	375.9836	118.8963	1.261192	100	4.2
2251.253	1648.753	334.3741	25.07353	0.261552	1.785083	483.9866	1368.398	0.290693	0.50243	285.4905	70.46127	0.74726	100	1.7
2251.405	1648.905	334.3785	24.94308	0.27558	1.503425	484.165	1365.949	0.304103	0.530255	228.5865	56.15345	0.598533	100	0.9
2251.557	1649.057	334.3828	24.97322	0.282217	1.405492	484.0061	1362.44	0.310473	0.539081	207.6152	51.79303	0.551418	100	0.7
2251.71	1649.21	334.3872	25.01723	0.276365	1.486022	482.7994	1366.912	0.304892	0.522985	237.53	58.13751	0.617919	100	1
2251.862	1649.362	334.3916	25.14272	0.261487	1.701338	482.3791	1369.722	0.290709	0.49736	292.4645	72.57553	0.767667	100	1.8
2252.015	1649.515	334.396	25.16539	0.247291	1.971131	483.1287	1368.701	0.277227	0.483422	330.3042	86.7283	0.916579	100	2.6
2252.167	1649.667	334.4004	25.23808	0.244557	2.004349	484.8157	1371.173	0.274652	0.480866	337.3852	90.16182	0.950227	100	2.8
2252.319	1649.819	334.4048	25.30066	0.258478	1.688591	486.2844	1377.291	0.287902	0.502667	289.0153	71.51627	0.751929	100	1.7
2252.472	1649.972	334.4092	25.24301	0.271522	1.468652	487.8666	1377.41	0.300361	0.514013	256.164	62.54895	0.659099	100	1.2
2252.624	1650.124	334.4136	25.37108	0.27658	1.416826	489.5473	1376.62	0.305215	0.518676	243.0312	59.39888	0.622866	100	1
2252.777	1650.277	334.418	25.2482	0.279157	1.383604	489.8303	1375.779	0.3077	0.521445	235.7792	57.74277	0.608345	100	0.9
2252.929	1650.429	334.4224	25.02411	0.295431	1.202863	488.8879	1377.954	0.323324	0.553262	170.3123	44.9047	0.477181	100	0.3
2253.082	1650.582	334.4268	25.04955	0.272705	1.42918	486.9012	1378.433	0.301569	0.505963	265.6061	64.94932	0.689516	100	1.3
2253.234	1650.734	334.4311	25.05416	0.264169	1.593733	485.5839	1373.298	0.293441	0.490919	297.5839	74.20113	0.787603	100	1.8
2253.386	1650.886	334.4355	25.17861	0.258679	1.691749	485.2128	1368.49	0.288229	0.486663	310.6489	78.69161	0.831291	100	2
2253.539	1651.039	334.4399	25.1933	0.265021	1.605442	485.4558	1363.548	0.294293	0.506453	274.9718	67.46019	0.712249	100	1.5
2253.691	1651.191	334.4443	25.24686	0.26195	1.661119	486.0184	1361.312	0.291384	0.500232	287.5696	71.08032	0.748942	100	1.7
2253.843	1651.343	334.4487	25.29597	0.278085	1.408068	485.4138	1361.24	0.306811	0.531042	223.7636	55.11575	0.579648	100	0.8
2253.996	1651.496	334.4531	25.14075	0.281813	1.330805	484.0873	1361.451	0.310398	0.534631	213.859	53.05107	0.561261	100	0.7
2254.148	1651.648	334.4575	25.12061	0.282446	1.303431	482.4969	1360.986	0.311025	0.536792	210.0128	52.27226	0.553454	100	0.6
2254.301	1651.801	334.4619	25.09768	0.272349	1.451594	482.5312	1359.527	0.301385	0.515631	252.5183	61.65371	0.653366	100	1.1
2254.453	1651.953	334.4662	25.08731	0.268593	1.512451	484.8967	1358.703	0.297817	0.512381	261.927	63.99939	0.6785	100	1.3
2254.605	1652.105	334.4706	25.27776	0.273643	1.442196	487.7015	1356.704	0.302661	0.525719	236.8367	57.98082	0.610231	100	1
2254.758	1652.258	334.475	25.27902	0.276394	1.429663	489.7075	1353.379	0.30531	0.533211	222.8414	54.91982	0.577992	100	0.8
2254.91	1652.41	334.4794	25.28995	0.273853	1.541015	489.5392	1349.498	0.302901	0.524323	238.431	58.3419	0.613757	100	1
2255.062	1652.562	334.4838	25.29014	0.274747	1.521086	487.0302	1346.919	0.303774	0.521734	240.7987	58.88307	0.619451	100	1
2255.215	1652.715	334.4882	25.22185	0.262463	1.671759	483.0714	1342.419	0.292068	0.495415	293.2746	72.82837	0.768164	100	1.7
2255.367	1652.867	334.4926	25.35529	0.243348	1.95924	478.9291	1336.935	0.273914	0.464918	360.4113	104.5683	1.097356	100	3.4
2255.52	1653.02	334.497	25.48647	0.239907	1.982344	477.0525	1328.934	0.270672	0.470863	356.6818	101.7967	1.062981	100	3.3
2255.672	1653.172	334.5014	25.38122	0.221929	2.30663	476.5247	1323.374	0.253705	0.44012	422.5223	220.4475	2.311174	100	9.4
2255.825	1653.325	334.5058	25.30341	0.227958	2.02727	477.8212	1321.706	0.259411	0.450211	400.7219	156.9474	1.65033	100	6.2
2255.977	1653.477	334.5101	25.46738	0.240969	1.838314	478.5082	1320.304	0.271738	0.471547	354.2666	100.1085	1.046135	100	3.2
2256.129	1653.629	334.5145	25.50235	0.258549	1.561841	479.4653	1319.856	0.288456	0.500984	290.5721	71.99095	0.751319	100	1.7
2256.282	1653.782	334.5189	25.65195	0.268544	1.499978	479.3615	1319.7	0.298004	0.517019	255.2681	62.3274	0.64682	100	1.2
2256.434	1653.934	334.5233	25.804	0.258263	1.679394	478.422	1320.338	0.288223	0.496824	296.6353	73.89482	0.762521	100	1.8
2256.587	1654.087	334.5277	25.79103	0.253821	1.813156	476.7639	1321.702	0.284016	0.491889	309.2514	78.18452	0.807184	100	2
2256.739	1654.239	334.5321	25.7639	0.243712	1.929117	475.1119	1322.757	0.274435	0.472651	349.0209	96.69806	0.99934	100	3
2256.891	1654.391	334.5365	25.71107	0.247087	1.840589	474.7469	1324.146	0.277657	0.476382	339.4266	91.22077	0.944607	100	2.7
2257.044	1654.544	334.5409	25.5293	0.252416	1.771558	475.3863	1323.271	0.282739	0.48444	321.293	82.81072	0.863406	100	2.3
2257.196	1654.696	334.5452	25.33895	0.240881	2.008485	477.3002	1322.982	0.27181	0.455862	375.8121	118.7087	1.246657	100	4.1
2257.349	1654.849	334.5497	25.31538	0.234356	2.108889	478.7626	1324.012	0.265651	0.440007	406.1917	169.5261	1.781947	100	6.6
2257.501	1655.001	334.554	25.32313	0.239119	1.941491	479.8351	1329.16	0.270179	0.452121	383.2263	127.5904	1.340763	100	4.5
2257.653	1655.153	334.5584	25.28157	0.237985	2.085853	480.413	1337.157	0.269125	0.452969	383.5099	127.9644	1.346836	100	4.6
2257.806	1655.306	334.5628	25.2447	0.253812	1.898462	481.4976	1352.32	0.284163	0.489732	312.025	79.19798	0.834747	100	2.2
2257.958	1655.458	334.5672	25.26688	0.264453	1.714672	483.1873	1354.611	0.294316	0.5114	268.1125	65.6078	0.690927	100	1.4
2258.111	1655.611	334.5716	25.26901	0.264174	1.685996	485.0891	1359.977	0.294069	0.510259	270.0275	66.11737	0.696244	100	1.5
2258.263	1655.763	334.576	25.303	0.24303	2.080656	485.2124	1362.343	0.273983	0.465837	359.0484	103.531	1.088823	100	3.4
2258.416	1655.916	334.5804	25.12878	0.25863	1.796512	484.8352	1373.656	0.288825	0.499022	292.7703	72.67079	0.769387	100	1.8
2258.568	1656.068	334.5848	25.0106	0.270646	1.585541	484.2911	1375.292	0.300303	0.52254	244.4772	59.73587	0.635332	100	1.1
2258.72	1656.22	334.5891	24.89119	0.276619	1.488447	483.801	1373.151	0.306031	0.534759	219.709	54.26	0.579771	100	0.8
2258.873	1656.373	334.5935	24.98969	0.267395	1.637282	482.8093	1381.332	0.297238	0.517762	255.299	62.33502	0.663523	100	1.3

2259.025	1656.525	334.5979	25.13409	0.264553	1.720233	481.314	1383.255	0.294547	0.512784	265.8839	65.02184	0.68829	100	1.4
2259.177	1656.677	334.6023	25.2936	0.263881	1.772293	479.5424	1383.558	0.293925	0.509983	270.6064	66.27254	0.697268	100	1.5
2259.33	1656.83	334.6067	25.45925	0.255092	1.878965	478.0592	1378.256	0.285575	0.493854	304.3885	76.47275	0.799546	100	2
2259.482	1656.982	334.6111	25.63564	0.244018	2.103916	477.0738	1380.163	0.275076	0.472043	348.9759	96.67021	1.004025	100	3.1
2259.635	1657.135	334.6155	25.66436	0.246146	2.023066	476.5887	1376.774	0.277113	0.47622	340.4003	91.7379	0.95178	100	2.8
2259.787	1657.287	334.6199	25.68053	0.23574	2.251355	476.4388	1373.744	0.267272	0.451616	387.9353	134.173	1.391211	100	4.9
2259.939	1657.439	334.6242	25.51048	0.239423	2.090861	476.6904	1363.331	0.270778	0.460469	370.8789	113.63	1.18578	100	3.9
2260.092	1657.592	334.6286	25.53659	0.241196	1.979369	478.2211	1364.326	0.272478	0.465401	361.7273	105.5979	1.100886	100	3.5
2260.244	1657.744	334.633	25.54868	0.245107	2.004503	480.8077	1373.007	0.276205	0.469301	351.2012	98.07535	1.022004	100	3.1
2260.396	1657.896	334.6374	25.4142	0.249964	1.92255	483.6647	1378.598	0.280836	0.476374	335.0496	88.99001	0.932066	100	2.6
2260.549	1658.049	334.6418	25.56333	0.249625	1.918535	485.4527	1376.152	0.280534	0.480064	330.3749	86.76088	0.903618	100	2.5
2260.701	1658.201	334.6462	25.46138	0.24229	2.021791	485.6835	1371.318	0.273593	0.47224	350.7506	97.78621	1.022385	100	3.1
2260.854	1658.354	334.6506	25.36651	0.245213	2.078924	484.6949	1365.932	0.276384	0.480767	335.132	89.03065	0.934207	100	2.8
2261.006	1658.506	334.655	25.39094	0.268934	1.680758	483.7678	1367.722	0.298979	0.521786	247.3444	60.41107	0.633317	100	1.2
2261.159	1658.659	334.6594	25.4907	0.291513	1.347832	483.5655	1362.745	0.320613	0.557492	168.2161	44.54696	0.465249	100	0.3
2261.311	1658.811	334.6638	25.35442	0.291931	1.313158	484.0823	1357.522	0.321033	0.552987	173.853	45.51564	0.477833	100	0.3
2261.463	1658.963	334.6681	25.4904	0.306074	1.130904	484.2607	1354.622	0.33465	0.580378	117.2623	36.6862	0.383162	91.2	0
2261.616	1659.116	334.6725	25.49486	0.296871	1.221475	484.1044	1363.086	0.325816	0.563082	153.321	42.08726	0.439502	100	0.1
2261.768	1659.268	334.6769	25.51202	0.30294	1.141357	483.4536	1368.15	0.331672	0.576103	127.2702	38.1111	0.397726	96	0
2261.921	1659.421	334.6813	25.52101	0.302616	1.136104	483.3067	1364.243	0.33138	0.578431	124.4614	37.70565	0.393365	94.9	0
2262.073	1659.573	334.6857	25.52814	0.296003	1.186836	483.7217	1363.401	0.32504	0.56722	148.6801	41.34941	0.431266	100	0.1
2262.225	1659.725	334.6901	25.56249	0.282091	1.337421	485.0829	1364.974	0.311715	0.541269	202.8828	50.86089	0.529787	100	0.6
2262.378	1659.878	334.6945	25.66036	0.276441	1.355627	486.9415	1371.316	0.306327	0.528129	228.4499	56.12376	0.582465	100	0.8
2262.53	1660.03	334.6989	25.77105	0.277766	1.298989	488.7963	1379.063	0.307614	0.527431	227.6382	55.94768	0.578241	100	0.8
2262.683	1660.183	334.7033	25.85272	0.278538	1.345426	490.1429	1385.228	0.308372	0.526536	227.827	55.98857	0.576909	100	0.8
2262.835	1660.335	334.7076	25.90747	0.271379	1.558297	490.5457	1393.174	0.301547	0.512135	257.1184	62.78611	0.645642	100	1.2
2262.987	1660.487	334.712	26.11131	0.266591	1.656523	490.276	1394.145	0.296996	0.509504	267.031	65.3225	0.666686	100	1.3
2263.14	1660.64	334.7164	26.19142	0.269429	1.602144	489.4009	1404.154	0.299723	0.522142	245.8253	60.05217	0.6111	100	1.1
2263.292	1660.792	334.7208	26.17495	0.259203	1.750441	488.7502	1410.913	0.289992	0.503485	285.0013	70.31693	0.715995	100	1.6
2263.445	1660.945	334.7252	26.18841	0.264849	1.662861	488.6063	1411.417	0.295392	0.509376	269.421	65.95537	0.671258	100	1.4
2263.597	1661.097	334.7296	26.27773	0.273559	1.521189	489.347	1405.763	0.303727	0.521046	241.8144	59.11706	0.599701	100	1
2263.75	1661.25	334.734	26.29367	0.289677	1.297733	489.9771	1402.299	0.31918	0.554614	174.164	45.56971	0.462008	100	0.3
2263.902	1661.402	334.7384	26.39937	0.273255	1.527104	490.6413	1398.49	0.303475	0.526126	235.1498	57.60163	0.581752	100	0.9
2264.054	1661.554	334.7428	26.50147	0.268069	1.576355	488.9214	1387.642	0.298542	0.519521	251.0736	61.3035	0.616855	100	1.1
2264.207	1661.707	334.7472	26.40965	0.270834	1.473965	486.305	1374.463	0.301201	0.523042	242.5448	59.28602	0.598551	100	1
2264.359	1661.859	334.7515	26.26179	0.260782	1.574947	482.8131	1363.63	0.291632	0.505259	280.2914	68.95185	0.699907	100	1.5
2264.511	1662.011	334.7559	26.15775	0.257262	1.631471	480.4977	1358.219	0.288299	0.501714	289.7821	71.74937	0.731093	100	1.7
2264.664	1662.164	334.7603	26.02002	0.247347	1.813864	480.0222	1353.593	0.278894	0.478679	334.55	88.74453	0.908876	100	2.5
2264.816	1662.316	334.7647	26.02397	0.260873	1.529626	481.0454	1348.959	0.291777	0.496232	292.5472	72.60125	0.743443	100	1.6
2264.969	1662.469	334.7691	26.08428	0.252967	1.615363	482.1637	1344.717	0.284272	0.466115	344.4662	93.98738	0.960307	100	2.6
2265.121	1662.621	334.7735	26.23671	0.265101	1.3922	481.4884	1339.556	0.295845	0.48727	299.301	74.76181	0.759612	100	1.6
2265.273	1662.773	334.7779	26.38827	0.256127	1.47218	478.8064	1336.7	0.287316	0.467171	338.8079	90.89631	0.918458	100	2.4
2265.426	1662.926	334.7823	26.36383	0.268486	1.303323	474.2653	1336.41	0.299115	0.497227	281.0489	69.16847	0.699538	100	1.3
2265.578	1663.078	334.7866	26.33546	0.267612	1.325364	471.7902	1338.183	0.298299	0.502468	274.9417	67.4519	0.682889	100	1.3
2265.73	1663.23	334.791	26.23965	0.28021	1.208917	471.7752	1341.802	0.310359	0.532297	217.1342	53.72421	0.545821	100	0.6
2265.883	1663.383	334.7954	26.09273	0.266284	1.355624	475.2586	1344.743	0.297071	0.503319	275.4622	67.59562	0.690473	100	1.3
2266.035	1663.535	334.7998	26.11678	0.271433	1.285559	479.0616	1347.302	0.302006	0.511638	257.172	62.79945	0.640919	100	1.1
2266.188	1663.688	334.8042	26.13416	0.273918	1.221946	481.9031	1345.657	0.304399	0.515778	248.1557	60.60383	0.618121	100	0.9
2266.34	1663.84	334.8086	26.30586	0.280807	1.173804	481.968	1343.537	0.311009	0.530326	218.9587	54.10326	0.548362	100	0.6
2266.493	1663.993	334.813	26.27832	0.265323	1.339807	480.912	1342.54	0.296232	0.502072	278.3405	68.39888	0.693959	100	1.3
2266.645	1664.145	334.8174	26.25499	0.257954	1.418729	479.0357	1339.272	0.289229	0.491914	302.0225	75.66747	0.768367	100	1.7
2266.797	1664.297	334.8218	26.16956	0.251333	1.472009	477.3775	1337.812	0.282951	0.484324	321.1611	82.75658	0.842997	100	2.1
2266.95	1664.45	334.8262	26.20694	0.253833	1.457469	476.0634	1328.399	0.285347	0.488124	312.611	79.41577	0.807864	100	1.9
2267.102	1664.602	334.8305	26.18398	0.24071	1.74293	476.0915	1329.32	0.272909	0.450325	381.9361	125.9233	1.282057	100	4.2
2267.255	1664.755	334.8349	26.21137	0.263114	1.386875	477.2283	1323.699	0.294222	0.491897	295.1562	73.42193	0.746783	100	1.6
2267.407	1664.907	334.8393	26.26159	0.269416	1.296404	479.2497	1325.095	0.300253	0.505388	268.2145	65.63479	0.666358	100	1.2
2267.559	1665.059	334.8437	26.40661	0.274276	1.233041	480.8258	1328.205	0.304915	0.522308	238.4314	58.34199	0.589198	100	0.8
2267.712	1665.212	334.8481	26.29867	0.260396	1.449121	481.674	1330.044	0.29169	0.501737	285.0706	70.33734	0.713146	100	1.5
2267.864	1665.364	334.8525	26.36891	0.259874	1.487124	482.121	1327.28	0.291212	0.505087	281.1075	69.18529	0.699676	100	1.5
2268.017	1665.517	334.8569	26.49755	0.243541	1.73535	480.9622	1321.418	0.275708	0.472746	347.1332	95.54842	0.961792	100	2.8
2268.169	1665.669	334.8613	26.40447	0.255198	1.523106	479.1873	1309.941	0.2868	0.49849	296.3004	73.78724	0.745264	100	1.7
2268.321	1665.821	334.8656	26.32329	0.250879	1.544207	476.7523	1306.05	0.282713	0.492082	310.7828	78.74056	0.797656	100	2
2268.474	1665.974	334.8701	26.3408	0.266245	1.286551	475.2659	1308.374	0.297363	0.521512	249.9531	61.0336	0.617892	100	1
2268.626	1666.126	334.8744	26.25767	0.256436	1.342561	474.6623	1305.431	0.288036	0.497939	295.3548	73.48509	0.746218	100	1.6
2268.779	1666.279	334.8788	26.19122	0.258653	1.253716	473.341	1296.298	0.290165	0.499025	290.9175	72.09703	0.733914	100	1.5
2268.931	1666.431	334.8832	26.09647	0.229945	1.608491	472.3492	1286.5	0.262956	0.437706	413.0871	188.5921	1.926498	100	7.2
2269.083	1666.583	334.8876	26.1435	0.241178	1.423073	471.0813	1283.771	0.273604	0.469744	354.1803	100.0496	1.020264	100	3
2269.236	1666.736	334.892	26.04319	0.239819	1.512694	469.9878	1287.858	0.272336	0.47174	353.1759	99.3716	1.017112	100	3
2269.388	1666.888	334.8964	25.87858	0.242706	1.513688	469.7307	1294.14	0.275091	0.48302	333.8061	88.38242	0.910177	100	2.5
2269.541	1667.041	334.9008	25.88341	0.222052	1.922165	470.4252	1295.661	0.255585	0.438171	422.617	220.7382	2.272812	100	9.1
2269.693	1667.193	334.9052	25.86069	0.251404	1.409798	472.2316	1289.79	0.283386	0.495289	305.4278	76.832	0.79177	100	1.9
2269.845	1667.345	334.9095	25.86286	0.250229	1.417944	474.1363	1292.807	0.282289	0.488657	316.0944	80.73874	0.83197	100	2.1
2269.998	1667.498	334.9139	25.89906	0.258722	1.363922	475.0981	1284.045	0.290386	0.51224	272.3763	66.75027	0.686907	100	1.4
2270.15	1667.65	334.9183	25.79769	0.250522	1.533596	475.4488	1284.414	0.282606	0.502284	296.8518	73.96453	0.764032	100	1.8
2270.303	1667.803	334.9227	25.78567	0.251922	1.566315	475.6918	1287.798	0.283956	0.510513	283.6331	69.91583	0.722541	100	1.7
2270.455	1667.955	334.9271	25.68928	0.242626	1.722941	476.5582	1293.954	0.27515	0.491941	321.414	82.86047	0.859419	100	2.4
2270.607	1668.107	334.9315	25.52543	0.225727	2.115394	478.3617	1308.024	0.259186	0.459109	388.7518	135.4001	1.413054	100	5.2
2270.76	1668.26	334.9359	25.49871	0.223276	2.15342	480.8868	1321.374	0.256894	0.450775	403.4162	162.8921	1.701697	100	6.6
2270.912	1668.412	334.9403	25.47455	0.24266	1.802274	483.1386	1338.65	0.27524	0.483873	332.4236	87.71963	0.917233	100	2.6
2271.064	1668.564	334.9446	25.48889	0.245472	1.748294	485.6147	1353.946	0.277927	0.485214	326.8646	85.17911	0.890193	100	2.5

2271.217	1668.717	334.949	25.5503	0.240337	1.941529	488.0874	1364.74	0.273077	0.475058	347.5733	95.81302	0.999015	100	3.1
2271.369	1668.869	334.9534	25.55244	0.256871	1.813114	490.7232	1372.576	0.288798	0.511609	275.4389	67.58917	0.704682	100	1.6
2271.522	1669.022	334.9578	25.55458	0.257333	2.094878	493.0764	1377.999	0.289257	0.511398	275.0969	67.49471	0.703647	100	1.7
2271.674	1669.174	334.9622	25.36782	0.260038	2.368329	494.3699	1389.92	0.291851	0.515801	265.4402	64.90607	0.68147	100	1.6
2271.827	1669.327	334.9666	25.247	0.261871	2.428437	494.7138	1394.556	0.293618	0.519121	258.4207	63.11164	0.665695	100	1.6
2271.979	1669.479	334.971	25.2638	0.258486	2.443843	494.3984	1404.741	0.290413	0.511167	273.82	67.14377	0.707777	100	1.8
2272.131	1669.631	334.9754	25.17384	0.266217	2.255257	494.19	1408.1	0.2978	0.523548	246.54	60.2207	0.636995	100	1.4
2272.284	1669.784	334.9798	25.05651	0.257127	2.608458	494.092	1415.794	0.289157	0.502322	287.758	71.13686	0.755873	100	2
2272.436	1669.936	334.9842	24.98667	0.267845	2.469717	493.8805	1418.602	0.299391	0.523913	243.8406	59.58722	0.634866	100	1.4
2272.589	1670.089	334.9886	24.9066	0.259956	2.637145	493.2799	1419.012	0.291889	0.511803	270.905	66.3528	0.709153	100	1.8
2272.741	1670.241	334.9929	24.82379	0.264355	2.54075	491.8419	1417.176	0.296101	0.523871	248.4392	60.67135	0.650529	100	1.5
2272.893	1670.393	334.9973	24.64089	0.263046	2.576051	490.4048	1415.69	0.294872	0.521291	253.6953	61.94091	0.668916	100	1.6
2273.046	1670.546	335.0017	24.61975	0.267378	2.376118	489.0876	1412.174	0.299023	0.529203	237.0472	58.02833	0.62719	100	1.4
2273.198	1670.698	335.0061	24.44336	0.258001	2.576273	488.7127	1416.051	0.290105	0.50862	277.7591	68.23544	0.742672	100	1.9
2273.351	1670.851	335.0105	24.25008	0.239485	2.947824	488.2868	1416.043	0.27254	0.470236	354.9687	100.5911	1.103295	100	3.8
2273.503	1671.003	335.0149	24.33221	0.231955	3.295532	488.4745	1418.492	0.265434	0.451142	391.1253	139.1244	1.520954	100	5.8
2273.655	1671.155	335.0193	24.33797	0.244078	2.95005	489.169	1418.76	0.276933	0.472838	345.316	94.47706	1.032627	100	3.4
2273.808	1671.308	335.0237	24.24794	0.262098	2.548174	490.8556	1418.343	0.294084	0.504441	278.0349	68.31291	0.749349	100	1.9
2273.96	1671.46	335.028	24.24988	0.264514	2.503898	492.1492	1415.345	0.296407	0.507889	270.0725	66.12941	0.725348	100	1.8
2274.113	1671.613	335.0325	24.21573	0.253754	2.770682	492.3185	1411.712	0.28618	0.502612	291.4681	72.26669	0.793757	100	2.2
2274.265	1671.765	335.0368	24.20306	0.228686	3.603446	490.7679	1405.69	0.262442	0.463122	378.7221	122.0001	1.340707	100	5.2
2274.417	1671.917	335.0412	24.11164	0.228015	3.556039	489.2264	1403.085	0.261828	0.468354	372.3488	115.0819	1.269344	100	4.9
2274.57	1672.07	335.0456	24.04774	0.226795	3.496507	488.4097	1395.609	0.260696	0.456182	390.7091	138.4539	1.531086	100	6
2274.722	1672.222	335.05	24.03301	0.246251	2.735266	487.9802	1390.423	0.27913	0.495844	310.5367	78.65064	0.87028	100	2.6
2274.875	1672.375	335.0544	23.99592	0.246496	2.713826	487.7687	1385.328	0.279381	0.495765	310.2989	78.56396	0.870634	100	2.6
2275.027	1672.527	335.0588	23.95785	0.257875	2.339853	487.3451	1381.085	0.290216	0.516031	267.3801	65.41441	0.726038	100	1.8
2275.179	1672.679	335.0632	23.95265	0.235144	2.972	487.8033	1375.74	0.268662	0.467706	363.8123	107.289	1.191068	100	4.2
2275.332	1672.832	335.0676	23.87849	0.215621	3.771273	487.6469	1369.726	0.250263	0.42616	446.5365	289.8692	3.227715	100	14.3
2275.484	1672.984	335.0719	23.87988	0.208805	2.7259	486.8703	1365.191	0.243878	0.419041	465.1718	338.2771	3.766564	100	17.2
2275.637	1673.137	335.0763	23.88188	0.200326	2.722436	484.8804	1361.266	0.23595	0.405097	495.3554	408.0738	4.543393	100	21.8
2275.789	1673.289	335.0807	23.88305	0.23151	3.020934	483.224	1357.427	0.265303	0.470396	364.7354	108.0621	1.203091	100	4.4
2275.941	1673.441	335.0851	23.85694	0.255368	2.191835	482.4088	1354	0.287947	0.510946	277.529	68.17093	0.759783	100	1.9
2276.094	1673.594	335.0895	23.8875	0.274349	1.828492	482.2033	1353.023	0.306066	0.540179	212.182	52.70996	0.586742	100	1
2276.246	1673.746	335.0939	23.90352	0.245789	2.458985	482.2159	1341.12	0.278884	0.48133	330.9058	87.0067	0.967896	100	3
2276.399	1673.899	335.0983	23.93391	0.242984	2.579332	481.946	1333.202	0.276242	0.478051	339.0758	91.03641	1.011485	100	3.2
2276.551	1674.051	335.1027	23.84972	0.23998	2.553222	481.0662	1325.038	0.273414	0.47704	344.3742	93.93476	1.047276	100	3.4
2276.703	1674.203	335.107	23.76638	0.245355	2.386114	479.4067	1321.375	0.278529	0.491966	316.7165	80.98031	0.905932	100	2.7
2276.856	1674.356	335.1115	23.76294	0.243072	2.444557	477.9236	1317.85	0.276383	0.488822	324.0172	83.94824	0.939275	100	2.9
2277.008	1674.508	335.1158	23.75392	0.241195	2.478255	477.7213	1315.203	0.274623	0.481954	335.9235	89.42365	1.000917	100	3.2
2277.161	1674.661	335.1202	23.7885	0.23309	2.651172	477.9547	1312.101	0.266969	0.458995	378.1686	121.3557	1.356426	100	4.9
2277.313	1674.813	335.1246	23.78435	0.232455	2.561898	477.7405	1310.033	0.266388	0.450403	390.8286	138.6456	1.549958	100	5.7
2277.465	1674.965	335.129	23.79894	0.23153	2.527635	476.583	1308.388	0.265534	0.449855	392.7635	141.839	1.584728	100	5.9
2277.618	1675.118	335.1334	23.72772	0.238236	2.321979	475.2534	1305.941	0.271897	0.467693	359.3652	103.7696	1.162782	100	3.9
2277.77	1675.27	335.1378	23.6505	0.237321	2.354137	473.5492	1303.812	0.271049	0.472703	353.6216	99.67082	1.120409	100	3.7
2277.923	1675.423	335.1422	23.69189	0.235561	2.438601	472.9045	1300.98	0.269403	0.474258	353.7488	99.75672	1.119481	100	3.8
2278.075	1675.575	335.1466	23.71157	0.24288	2.224588	473.4854	1299.326	0.276355	0.488346	324.7128	84.24482	0.944651	100	2.9
2278.228	1675.728	335.151	23.7438	0.257311	1.868664	474.8895	1299.077	0.290084	0.513067	271.652	66.55417	0.745305	100	1.8
2278.38	1675.88	335.1553	23.79217	0.242678	2.112993	475.5195	1297.824	0.276202	0.478318	338.7618	90.87227	1.01563	100	3.1
2278.532	1676.032	335.1597	24.02426	0.222813	2.62857	476.085	1295.193	0.25744	0.431206	429.6693	242.0045	2.679396	100	11.1
2278.685	1676.185	335.1641	24.0221	0.232316	2.327698	475.4803	1290.198	0.26643	0.45169	388.994	135.7693	1.50334	100	5.5
2278.837	1676.337	335.1685	24.13916	0.224861	2.586671	474.2552	1288.302	0.259409	0.432385	425.3246	228.9944	2.523687	100	10.3
2278.989	1676.489	335.1729	24.03545	0.23618	2.319609	471.4943	1287.818	0.270123	0.461144	370.8515	113.6035	1.257249	100	4.3
2279.142	1676.642	335.1773	24.24427	0.246691	2.012837	470.9049	1288.286	0.280105	0.49165	314.9784	80.30949	0.881364	100	2.5
2279.294	1676.794	335.1817	24.15124	0.247187	1.975455	471.449	1288.437	0.280594	0.497313	306.4877	77.20196	0.850434	100	2.3
2279.447	1676.947	335.1861	24.35834	0.238666	2.106751	474.9693	1287.619	0.272535	0.480695	340.5425	91.81406	1.003065	100	3.1
2279.599	1677.099	335.1905	24.39769	0.250212	1.795593	476.9876	1288.128	0.283506	0.500672	297.8338	74.28224	0.810269	100	2.1
2279.751	1677.251	335.1948	24.42018	0.249322	1.796481	477.6739	1289.465	0.28268	0.495294	306.3964	77.16997	0.841025	100	2.2
2279.904	1677.404	335.1992	24.42746	0.245373	1.824208	472.5102	1294.269	0.27895	0.488439	321.004	82.69224	0.900957	100	2.5
2280.056	1677.556	335.2036	24.50547	0.236605	2.029397	468.2321	1293.1	0.27066	0.472124	354.9588	100.5842	1.092525	100	3.5
2280.208	1677.708	335.208	24.5853	0.237401	1.971492	464.5867	1293.484	0.271433	0.474797	350.2027	97.43784	1.055031	100	3.3
2280.361	1677.861	335.2124	24.69023	0.252484	1.668382	464.2368	1293.217	0.285761	0.506397	286.8229	70.85692	0.76407	100	1.8
2280.513	1678.013	335.2168	24.61592	0.263526	1.48627	466.5647	1296.504	0.296293	0.526998	243.8584	59.59137	0.644474	100	1.2
2280.666	1678.166	335.2212	24.69648	0.24883	1.769197	472.6872	1300.911	0.282328	0.497297	304.1169	76.37943	0.823434	100	2.1
2280.818	1678.318	335.2256	24.69916	0.252134	1.77281	480.4891	1309.741	0.285486	0.500151	295.8201	73.63349	0.793755	100	2
2280.971	1678.471	335.23	24.61986	0.256373	1.696106	484.5805	1312.957	0.289537	0.509825	276.8817	67.98993	0.73521	100	1.7
2281.123	1678.623	335.2343	24.51004	0.259752	1.608431	481.9651	1309.872	0.292773	0.51517	265.0387	64.80153	0.70378	100	1.5
2281.275	1678.775	335.2387	24.53193	0.250802	1.693013	472.959	1303.067	0.284278	0.496543	302.468	75.81778	0.822718	100	2.1
2281.428	1678.928	335.2431	24.48787	0.22498	2.287635	465.0964	1294.58	0.259849	0.440305	413.788	190.7622	2.073637	100	8.2
2281.58	1679.08	335.2475	24.51026	0.230414	2.170601	463.5642	1292.684	0.264998	0.463062	375.2776	118.1292	1.282972	100	4.5
2281.733	1679.233	335.2519	24.46497	0.224934	2.367308	464.1573	1292.082	0.259844	0.461012	385.2194	130.2777	1.417465	100	5.3
2281.885	1679.385	335.2563	24.44001	0.234256	1.975562	467.2998	1293.193	0.268668	0.479516	347.5068	95.77289	1.043082	100	3.4
2282.037	1679.537	335.2607	24.44784	0.224534	2.162101	470.344	1288.675	0.259505	0.446139	406.2125	169.578	1.846353	100	7.2
2282.19	1679.69	335.2651	24.39163	0.242118	1.804433	474.8685	1295.532	0.276151	0.47066	349.401	96.93424	1.05778	100	3.2
2282.342	1679.842	335.2694	24.39715	0.227108	2.258046	477.6732	1288.291	0.261971	0.434189	419.2991	209.5579	2.286289	100	9.1
2282.495	1679.995	335.2739	24.4844	0.236758	2.141032	479.4642	1291.548	0.271112	0.465914	362.9045	106.5435	1.158392	100	3.8
2282.647	1680.147	335.2782	24.55241	0.238243	2.18991	480.1526	1301.238	0.272538	0.479858	341.6942	92.4376	1.002338	100	3.2
2282.799	1680.299	335.2826	24.51977	0.238575	2.186327	481.3939	1315.564	0.272871	0.486979	331.4069	87.24038	0.947211	100	2.9
2282.952	1680.452	335.287	24.49464	0.238951	2.147097	482.3002	1338.778	0.273247	0.485932	332.3338	87.67701	0.952907	100	2.9
2283.104	1680.604	335.2914	24.47196	0.25091	1.850293	482.5894	1338.836	0.284611	0.504291	291.3159	72.21972	0.785623	100	2
2283.257	1680.757	335.2958	24.53094	0.263106	1.651932	482.3809	1350.397	0.296238	0.522385	250.3008	61.1172	0.663305	100	1.3

2283.409	1680.909	335.3002	24.60123	0.259211	1.768681	481.8437	1350.506	0.292546	0.515062	265.5021	64.92219	0.702657	100	1.5
2283.562	1681.062	335.3046	24.60535	0.253116	1.896287	482.0837	1366.494	0.286765	0.507921	283.333	69.82839	0.755641	100	1.9
2283.714	1681.214	335.309	24.57014	0.232713	2.482923	482.5454	1373.876	0.26744	0.468401	364.5407	107.8977	1.169236	100	4.1
2283.866	1681.366	335.3133	24.33701	0.226913	2.834263	482.8922	1372.634	0.261979	0.451142	395.893	147.3795	1.611922	100	6.2
2284.019	1681.519	335.3177	24.30747	0.207545	3.778217	482.6776	1367.254	0.243771	0.399796	491.8769	400.5195	4.385773	100	20.5
2284.171	1681.671	335.3221	24.08511	0.229348	2.657252	481.738	1353.638	0.264317	0.45619	385.701	130.9483	1.446768	100	5.4
2284.323	1681.823	335.3265	24.18798	0.234594	2.321217	479.8525	1352.911	0.269295	0.469563	360.3754	104.5406	1.150249	100	3.9
2284.476	1681.976	335.3309	23.96395	0.229862	2.349296	478.2092	1341.527	0.26484	0.46253	376.2295	119.1666	1.323088	100	4.8
2284.628	1682.128	335.3353	23.9461	0.231673	2.277948	477.6695	1336.48	0.266571	0.467068	367.5783	110.5435	1.228248	100	4.3
2284.781	1682.281	335.3397	23.73672	0.24652	1.965524	478.0785	1331.626	0.280652	0.499623	303.2202	76.07296	0.852499	100	2.3
2284.933	1682.433	335.3441	23.70543	0.252836	1.899913	478.7636	1330.431	0.286672	0.510901	279.3495	68.68401	0.770691	100	1.9
2285.085	1682.585	335.3484	23.71436	0.25256	1.998904	479.1151	1331.108	0.286429	0.507745	284.0404	70.03486	0.785569	100	2
2285.238	1682.738	335.3529	23.77623	0.248852	2.122302	479.6366	1331.083	0.282924	0.500277	299.1823	74.72279	0.83604	100	2.3
2285.39	1682.89	335.3572	23.77834	0.233685	2.509512	480.4388	1330.982	0.268569	0.473692	355.6794	101.0863	1.130923	100	3.9
2285.542	1683.042	335.3616	23.66671	0.215664	3.106716	482.1253	1331.249	0.25159	0.43718	429.4974	241.4951	2.71419	100	11.8
2285.695	1683.195	335.366	23.62655	0.212676	3.23504	483.259	1331.767	0.248801	0.42597	448.8164	296.033	3.33268	100	14.9
2285.847	1683.347	335.3704	23.72586	0.215648	3.014872	484.2177	1332.677	0.251614	0.422054	450.3373	300.1061	3.364812	100	14.8
2286	1683.5	335.3748	23.64127	0.212504	3.120356	484.5619	1332.033	0.248677	0.40825	473.4409	358.3939	4.03236	100	18.2
2286.152	1683.652	335.3792	23.66158	0.222307	2.663657	484.243	1334.857	0.257922	0.435517	423.0535	222.0771	2.496571	100	10.3
2286.305	1683.805	335.3836	23.65959	0.230181	2.518194	483.6997	1341.414	0.265372	0.463478	374.187	116.9695	1.315081	100	4.8
2286.457	1683.957	335.388	23.70312	0.23022	2.539069	483.3837	1347.202	0.265428	0.466613	369.7829	112.5792	1.263473	100	4.5
2286.609	1684.109	335.3923	23.68975	0.229587	2.59036	483.2888	1355.931	0.264849	0.467735	369.0345	111.8768	1.25629	100	4.5
2286.762	1684.262	335.3967	23.69619	0.234379	2.440709	483.3045	1347.652	0.269398	0.472183	356.6193	101.752	1.142306	100	3.9
2286.914	1684.414	335.4011	23.68521	0.240607	2.230104	483.3203	1346.934	0.275314	0.48087	336.4662	89.69585	1.007423	100	3.2
2287.067	1684.567	335.4055	23.72182	0.231743	2.494388	483.3359	1349.147	0.266944	0.458146	379.3766	122.7735	1.376879	100	5
2287.219	1684.719	335.4099	23.753	0.23582	2.364858	483.3516	1358.16	0.270818	0.465819	363.4412	106.9825	1.198266	100	4.1
2287.371	1684.871	335.4143	23.7673	0.235096	2.376491	483.3674	1371.115	0.270152	0.466999	362.7316	106.4032	1.191091	100	4.1
2287.524	1685.024	335.4187	23.76073	0.244644	2.211191	483.383	1372.092	0.279217	0.489515	319.15	81.9416	0.917521	100	2.7
2287.676	1685.176	335.4231	23.83714	0.243666	2.224357	483.3988	1365.573	0.278308	0.490523	319.0134	81.88692	0.91406	100	2.7
2287.829	1685.329	335.4275	23.75018	0.242839	2.232777	483.4144	1358.141	0.277544	0.491438	318.8061	81.80413	0.916395	100	2.7
2287.981	1685.481	335.4319	23.69014	0.238034	2.33166	483.5438	1358.207	0.27301	0.481039	339.4121	91.21314	1.024325	100	3.3
2288.133	1685.633	335.4362	23.91737	0.222746	2.79412	483.7837	1360.204	0.258585	0.445849	407.8812	173.8394	1.934205	100	7.8
2288.286	1685.786	335.4406	24.13798	0.233987	2.46306	484.0175	1367.019	0.269219	0.46652	364.68	108.0153	1.191162	100	4.1
2288.438	1685.938	335.445	24.1559	0.239694	2.257213	483.6345	1365.576	0.274639	0.478743	340.3324	91.70158	1.010541	100	3.2
2288.591	1686.091	335.4494	24.07685	0.244509	2.204613	482.4794	1359.074	0.279223	0.48672	322.9978	83.51815	0.923302	100	2.7
2288.743	1686.243	335.4538	24.02541	0.241035	2.279753	481.6105	1363.342	0.275948	0.479115	338.0124	90.48363	1.002396	100	3.1
2288.896	1686.396	335.4582	24.01357	0.248693	2.029514	481.7491	1352.775	0.283233	0.492344	309.705	78.34834	0.868383	100	2.4
2289.048	1686.548	335.4626	24.00612	0.241547	2.068686	483.0469	1352.275	0.276472	0.479072	337.3498	90.14379	0.999429	100	3.1
2289.2	1686.7	335.467	24.19612	0.224774	2.561368	483.8844	1337.83	0.260631	0.444687	406.6613	170.7034	1.878184	100	7.4
2289.353	1686.853	335.4714	24.2281	0.234785	2.254515	483.1691	1332.95	0.270107	0.470187	358.394	103.0432	1.132303	100	3.8
2289.505	1687.005	335.4757	24.30723	0.249044	1.986728	481.6214	1336.115	0.283643	0.499604	299.1202	74.7024	0.818292	100	2.2
2289.657	1687.157	335.4801	24.22632	0.258423	1.786078	480.3625	1347.927	0.292581	0.51848	260.7362	63.69601	0.699995	100	1.5
2289.81	1687.31	335.4845	24.24993	0.248265	2.021787	480.2798	1363.037	0.282941	0.497865	302.4883	75.82464	0.832505	100	2.3
2289.962	1687.462	335.4889	24.2643	0.241549	2.109666	481.9788	1363.989	0.276588	0.485138	328.8184	86.05034	0.944242	100	2.8
2290.115	1687.615	335.4933	24.44905	0.238592	2.224755	484.4485	1361.524	0.273806	0.480555	338.9814	90.98697	0.991103	100	3.1
2290.267	1687.767	335.4977	24.44578	0.239059	2.245985	486.6357	1363.62	0.274268	0.482965	335.0196	88.97518	0.969324	100	3
2290.419	1687.919	335.5021	24.43181	0.24244	2.303153	487.7603	1367.604	0.27749	0.491084	319.3673	82.02876	0.894151	100	2.7
2290.572	1688.072	335.5065	24.35205	0.245938	2.184115	487.9417	1381.01	0.280827	0.494111	310.5854	78.66842	0.860254	100	2.5
2290.724	1688.224	335.5109	24.28524	0.257909	1.927579	487.9575	1382.07	0.292225	0.514096	267.2777	65.38744	0.716939	100	1.7
2290.876	1688.376	335.5152	24.52964	0.251601	2.078326	487.9671	1393.488	0.286244	0.498663	296.8292	73.95724	0.803073	100	2.1
2291.029	1688.529	335.5196	24.52165	0.243349	2.289066	487.3654	1393.22	0.278429	0.481478	331.3285	87.20372	0.94722	100	2.9
2291.181	1688.681	335.524	24.59548	0.238724	2.498482	486.3737	1395.425	0.274065	0.47219	350.1689	97.41645	1.055084	100	3.5
2291.334	1688.834	335.5284	24.63099	0.249841	2.237574	485.1638	1390.153	0.284629	0.497056	301.2746	75.41642	0.815676	100	2.2
2291.486	1688.986	335.5328	24.50086	0.239878	2.432868	484.2888	1372.251	0.275197	0.480707	336.8526	89.89099	0.97724	100	3.1
2291.639	1689.139	335.5372	24.47014	0.22078	2.881524	483.8035	1366.96	0.257172	0.456634	394.9479	145.655	1.585414	100	6.3
2291.791	1689.291	335.5416	24.50094	0.205515	3.366759	483.5985	1365.417	0.242844	0.437903	440.5702	273.4026	2.972312	100	13.7
2291.943	1689.443	335.546	24.70934	0.218167	2.849022	483.393	1374.212	0.25475	0.467826	382.8454	127.0925	1.370413	100	5.4
2292.096	1689.596	335.5504	24.7282	0.232449	2.413043	483.6298	1367.327	0.268242	0.483586	342.4785	92.8689	1.000656	100	3.3
2292.248	1689.748	335.5547	24.79237	0.244703	2.124473	483.5349	1364.888	0.279865	0.495221	310.3816	78.59407	0.844731	100	2.4
2292.401	1689.901	335.5591	24.99027	0.242602	2.242085	483.4339	1367.936	0.277893	0.483187	329.7107	86.45584	0.922116	100	2.8
2292.553	1690.053	335.5635	24.99527	0.246406	2.196871	483.0134	1359.765	0.28152	0.495475	307.7483	77.64688	0.828009	100	2.3
2292.705	1690.205	335.5679	25.00408	0.214294	3.121949	483.6956	1356.039	0.251201	0.440715	425.1558	228.4832	2.435685	100	10.6
2292.858	1690.358	335.5723	24.99764	0.211092	3.112926	484.1629	1353.49	0.248211	0.448655	418.3255	206.0001	2.196578	100	9.6
2293.01	1690.51	335.5767	24.91982	0.219523	2.717868	484.949	1358.549	0.25616	0.468426	380.0724	123.6098	1.322045	100	5.1
2293.163	1690.663	335.5811	24.93511	0.250787	1.895249	484.6334	1367.271	0.285757	0.519306	269.0139	65.84695	0.703842	100	1.7
2293.315	1690.815	335.5855	24.93986	0.257411	1.808327	484.5292	1371.054	0.292075	0.520468	258.6916	63.17964	0.675213	100	1.5
2293.467	1690.967	335.5898	24.9418	0.254647	1.870932	483.6544	1370.944	0.289464	0.507795	279.7822	68.80684	0.735303	100	1.8
2293.62	1691.12	335.5943	24.83239	0.262039	1.776398	482.7761	1361.412	0.296521	0.520886	251.9786	61.52258	0.66027	100	1.4
2293.772	1691.272	335.5986	25.04512	0.251116	1.935482	482.0179	1362.464	0.286145	0.499439	295.8934	73.65692	0.784006	100	2
2293.925	1691.425	335.603	25.26617	0.252422	1.924855	482.3745	1351.896	0.287405	0.50448	287.1979	70.96894	0.749012	100	1.9
2294.077	1691.577	335.6074	25.43148	0.230939	2.461219	483.2809	1352.964	0.267062	0.465344	369.2793	112.1052	1.175748	100	4.1
2294.229	1691.729	335.6118	25.39984	0.203765	3.413728	483.8524	1355.377	0.241508	0.40429	488.7986	393.7338	4.134443	100	19.6
2294.382	1691.882	335.6162	25.48607	0.197299	3.651169	484.0893	1354.305	0.235474	0.385277	523.3636	464.8267	4.865059	100	24
2294.534	1692.034	335.6206	25.37029	0.216172	2.702984	484.1051	1343.12	0.253196	0.426647	441.8156	276.8804	2.910736	100	12.6
2294.687	1692.187	335.625	25.41838	0.212457	2.77867	484.1207	1338.884	0.249722	0.415004	462.6776	332.0507	3.484372	100	15.5
2294.839	1692.339	335.6294	25.57136	0.208462	2.927286	484.25	1340.428	0.245989	0.402045	485.7134	386.8356	4.035845	100	18.6
2294.991	1692.491	335.6337	25.60974	0.233055	2.192851	484.3762	1342.708	0.269177	0.457093	377.7464	120.8702	1.259223	100	4.4
2295.144	1692.644	335.6381	25.70658	0.250294	1.827522	484.4994	1350.149	0.285536	0.491226	308.0687	77.76084	0.807173	100	2.1
2295.296	1692.796	335.6425	25.73251	0.25809	1.692658	483.9531	1359.287	0.292969	0.510726	270.9008	66.35165	0.68808	100	1.5
2295.449	1692.949	335.6469	25.59929	0.251415	1.835421	483.1886	1371.582	0.28664	0.501416	292.4834	72.58141	0.75647	100	1.9

2295.601	1693.101	335.6513	25.67081	0.249924	1.877383	482.5377	1381.377	0.285241	0.501854	293.8092	72.99612	0.758753	100	1.9
2295.753	1693.253	335.6557	25.88719	0.253817	1.803165	482.446	1390.901	0.288961	0.508257	279.839	68.823	0.709615	100	1.7
2295.906	1693.406	335.6601	26.10476	0.259216	1.695385	482.91	1393.221	0.294117	0.518445	258.6646	63.17284	0.646132	100	1.3
2296.058	1693.558	335.6645	26.31621	0.256154	1.731783	483.3711	1386.905	0.291221	0.511317	272.4977	66.78324	0.67778	100	1.5
2296.21	1693.71	335.6688	26.31839	0.233374	2.1605	483.829	1385.166	0.269631	0.462385	369.8182	112.6127	1.142821	100	3.9
2296.363	1693.863	335.6733	26.27626	0.221758	2.457808	483.7279	1380.069	0.258684	0.437547	419.2009	209.1944	2.12625	100	8.7
2296.515	1694.015	335.6776	26.12924	0.228579	2.361559	483.0157	1389.792	0.265138	0.458113	381.9133	125.8944	1.286531	100	4.7
2296.668	1694.168	335.682	26.11042	0.216868	2.835798	482.0853	1388.47	0.254117	0.437717	425.2684	228.8243	2.34003	100	9.9
2296.82	1694.32	335.6864	26.16785	0.217947	2.767327	481.5514	1385.512	0.255152	0.441528	418.581	206.9236	2.111612	100	8.8
2296.973	1694.473	335.6908	26.42547	0.237402	2.141953	482.1381	1377.429	0.273538	0.481711	337.7562	90.35184	0.913377	100	2.8
2297.125	1694.625	335.6952	26.36962	0.242424	2.001856	483.9415	1385.426	0.278314	0.489397	320.558	82.51017	0.835811	100	2.4
2297.277	1694.777	335.6996	26.17402	0.23956	2.076988	485.9107	1383.679	0.275619	0.482713	333.5014	88.23521	0.900241	100	2.7
2297.43	1694.93	335.704	26.19716	0.243196	2.011775	488.0456	1386.275	0.279084	0.489037	319.9933	82.28102	0.838786	100	2.4
2297.582	1695.082	335.7084	26.12015	0.247901	1.937104	489.6155	1377.778	0.283568	0.499108	299.9068	74.96157	0.766346	100	2
2297.735	1695.235	335.7128	25.89433	0.241647	2.156061	490.1279	1381.888	0.277654	0.488988	322.0332	83.1161	0.856859	100	2.5
2297.887	1695.387	335.7171	25.94653	0.245047	2.041905	489.745	1390.105	0.280897	0.496905	306.6327	77.25288	0.794876	100	2.2
2298.04	1695.54	335.7216	25.93244	0.235576	2.239862	488.5321	1394.99	0.271943	0.475347	348.7399	96.52449	0.993696	100	3.2
2298.192	1695.692	335.7259	25.94108	0.249627	1.879377	487.436	1390.052	0.285283	0.500076	296.205	73.75666	0.75907	100	1.9
2298.344	1695.844	335.7303	26.1591	0.25504	1.818121	486.8954	1393.438	0.290448	0.509174	276.5221	67.88969	0.693084	100	1.6
2298.497	1695.997	335.7347	26.18559	0.260502	1.723258	486.7455	1390.701	0.295666	0.520905	253.1327	61.80341	0.630341	100	1.3
2298.649	1696.149	335.7391	26.38269	0.255303	1.813387	486.7611	1393.756	0.290735	0.509556	275.5977	67.63311	0.684843	100	1.6
2298.801	1696.301	335.7435	26.16183	0.254842	1.876157	486.7768	1393.663	0.290316	0.510226	275.253	67.5378	0.689441	100	1.6
2298.954	1696.454	335.7479	26.1668	0.233952	2.43871	486.6788	1391.323	0.270521	0.469422	358.8795	103.4045	1.055392	100	3.6
2299.106	1696.606	335.7523	25.95175	0.231769	2.563058	486.4703	1393.727	0.268475	0.466719	365.4315	108.6554	1.117848	100	3.9
2299.259	1696.759	335.7567	25.76337	0.255942	1.950289	486.0406	1396.382	0.29142	0.51477	267.4581	65.43496	0.677948	100	1.6
2299.411	1696.911	335.761	25.80233	0.259235	1.87463	485.9488	1392.654	0.294573	0.518677	257.715	62.93496	0.651102	100	1.4
2299.563	1697.063	335.7654	25.8716	0.251904	2.030407	486.1376	1387.01	0.287617	0.504401	287.0146	70.91415	0.731764	100	1.8
2299.716	1697.216	335.7698	25.83302	0.238716	2.331748	486.9354	1384.549	0.275124	0.478467	340.0437	91.5476	0.94605	100	3
2299.868	1697.368	335.7742	25.79253	0.240732	2.282678	487.9585	1383.996	0.277054	0.484292	329.3431	86.28818	0.893057	100	2.7
2300.021	1697.521	335.7786	25.76035	0.237449	2.312071	489.3102	1386.049	0.273962	0.476677	344.1189	93.78924	0.971869	100	3.1
2300.173	1697.673	335.783	25.58	0.236261	2.417186	490.1581	1387.033	0.272857	0.477715	344.2106	93.84148	0.979035	100	3.2
2300.325	1697.825	335.7874	25.55644	0.236878	2.452018	490.1647	1390.089	0.27346	0.482028	337.4271	90.18325	0.941715	100	3
2300.478	1697.978	335.7918	25.51679	0.243906	2.29687	489.2281	1386.804	0.280138	0.497317	307.1128	77.42192	0.809678	100	2.3
2300.63	1698.13	335.7961	25.6735	0.253772	2.083097	487.6805	1386.452	0.289526	0.516921	267.1025	65.34131	0.679318	100	1.6
2300.783	1698.283	335.8006	25.66446	0.256601	1.981686	486.2464	1390.385	0.292236	0.520395	258.5689	63.14883	0.656753	100	1.5
2300.935	1698.435	335.8049	25.68611	0.251716	2.079484	485.2632	1385.64	0.28761	0.507999	282.0594	69.45918	0.721801	100	1.8
2301.087	1698.587	335.8093	25.50515	0.263966	1.801883	484.8896	1381.594	0.299291	0.529016	236.9366	58.00337	0.606888	100	1.2
2301.24	1698.74	335.8137	25.32222	0.251934	2.039217	484.7945	1373.138	0.287855	0.502551	289.2396	71.58431	0.754219	100	1.9
2301.392	1698.892	335.8181	25.32096	0.244974	2.268139	484.9239	1370.572	0.281265	0.491764	313.2203	79.64365	0.839181	100	2.4
2301.545	1699.045	335.8225	25.19818	0.235309	2.486839	485.05	1373.143	0.272127	0.474445	349.7306	97.14042	1.02837	100	3.4
2301.697	1699.197	335.8269	25.24092	0.244597	2.191011	485.2865	1374.234	0.280945	0.495585	308.3882	77.8748	0.823074	100	2.3
2301.849	1699.349	335.8313	25.24299	0.245872	2.037734	484.9646	1377.274	0.282174	0.495697	306.5375	77.21944	0.81609	100	2.2
2302.002	1699.502	335.8357	25.3234	0.255304	1.855741	484.5319	1376.571	0.291154	0.51361	269.4249	65.9564	0.694923	100	1.6
2302.154	1699.654	335.84	25.50909	0.24559	2.119597	483.7673	1384.613	0.281945	0.49516	307.5958	77.59278	0.811782	100	2.3
2302.307	1699.807	335.8444	25.25342	0.249838	2.051649	483.3478	1393.656	0.285997	0.506177	286.8	70.85009	0.748497	100	1.9
2302.459	1699.959	335.8488	25.42382	0.253913	1.94632	483.986	1387.216	0.289889	0.514704	269.6626	66.01984	0.692955	100	1.6
2302.611	1700.111	335.8532	25.43308	0.258043	1.866187	485.9059	1397.288	0.293837	0.524047	251.3195	61.36293	0.643855	100	1.4
2302.764	1700.264	335.8576	25.49776	0.258461	1.82578	488.5937	1392.942	0.294255	0.5229	252.3267	61.60709	0.644839	100	1.4
2302.916	1700.416	335.862	25.66388	0.264373	1.687987	490.05	1393.776	0.299906	0.532731	230.9601	56.67229	0.589484	100	1.1
2303.069	1700.569	335.8664	25.88763	0.278533	1.443945	490.1669	1382.48	0.313451	0.558677	176.4642	45.97166	0.474196	100	0.5
2303.221	1700.721	335.8708	26.02167	0.269803	1.5937	489.0645	1381.259	0.305125	0.543783	208.5067	51.97066	0.533418	100	0.8
2303.374	1700.874	335.8752	26.17957	0.251483	1.967889	487.9715	1382.627	0.287692	0.512997	275.0488	67.48143	0.688598	100	1.7
2303.526	1701.026	335.8795	26.26203	0.233755	2.468066	487.6039	1384.881	0.270904	0.484437	337.6298	90.28699	0.918534	100	3
2303.678	1701.178	335.8839	26.13556	0.228114	2.757003	488.015	1385.722	0.265592	0.480151	350.8747	97.86558	1.000283	100	3.5
2303.831	1701.331	335.8883	26.19731	0.226006	2.850705	489.1456	1389.279	0.263621	0.473466	362.8197	106.4746	1.085814	100	4
2303.983	1701.483	335.8927	26.10401	0.226557	2.843328	490.3867	1390.279	0.264161	0.468857	368.436	111.3235	1.139181	100	4.2
2304.135	1701.635	335.8971	26.2419	0.241363	2.339889	490.897	1389.843	0.278182	0.490259	319.551	82.10259	0.835916	100	2.5
2304.288	1701.788	335.9015	26.14622	0.259282	1.918138	490.7405	1384.244	0.295226	0.523037	250.7975	61.23685	0.625678	100	1.3
2304.44	1701.94	335.9059	26.27924	0.268823	1.740829	489.8625	1381.711	0.304342	0.53489	221.8608	54.71231	0.556293	100	0.9
2304.593	1702.093	335.9103	26.44655	0.244833	2.247781	488.7631	1377.607	0.28153	0.480813	327.9665	85.66771	0.865738	100	2.5
2304.745	1702.245	335.9147	26.44171	0.219259	2.959759	487.9464	1376.402	0.257375	0.430281	431.0347	246.0334	2.486817	100	10.5
2304.897	1702.397	335.919	26.60826	0.215306	3.037496	488.0247	1375.642	0.253674	0.443973	417.2466	202.1811	2.031284	100	8.6
2305.05	1702.55	335.9234	26.63267	0.196595	3.996707	488.8285	1371.428	0.236146	0.424284	468.6065	346.7297	3.480502	100	17.1
2305.202	1702.702	335.9278	26.68688	0.222387	2.919722	490.2878	1369.471	0.260379	0.478197	360.7646	104.8419	1.050366	100	3.9
2305.354	1702.854	335.9322	26.6998	0.231296	2.599582	490.9145	1365.702	0.268806	0.481723	344.27	93.8753	0.940066	100	3.2
2305.507	1703.007	335.9366	26.67435	0.237534	2.295726	491.0346	1364.279	0.274726	0.475673	344.4495	93.97783	0.941965	100	3
2305.659	1703.159	335.941	26.7043	0.249553	2.046069	490.3818	1363.544	0.286143	0.491366	307.0369	77.39515	0.774922	100	2.1
2305.812	1703.312	335.9454	26.63634	0.251367	2.045553	489.6654	1364.609	0.287885	0.49011	306.3673	77.15977	0.774467	100	2
2305.964	1703.464	335.9498	26.67509	0.247274	2.04849	488.4555	1365.777	0.284017	0.482978	321.5472	82.91528	0.831081	100	2.3
2306.117	1703.617	335.9542	26.62884	0.238976	2.182427	487.5759	1367.388	0.276167	0.477897	339.3915	91.20231	0.915679	100	2.8
2306.269	1703.769	335.9585	26.50072	0.228388	2.450323	486.7047	1367.818	0.266173	0.474847	357.3918	102.3084	1.031971	100	3.6
2306.421	1703.921	335.9629	26.56123	0.22508	2.59287	486.3278	1367.541	0.26307	0.478354	356.8349	101.9064	1.025671	100	3.7
2306.574	1704.074	335.9673	26.6258	0.251254	1.877608	486.0147	1365.342	0.287872	0.525662	257.3232	62.83715	0.630976	100	1.4
2306.726	1704.226	335.9717	26.50077	0.260323	1.659692	486.3683	1365.006	0.29652	0.536696	230.1616	56.49714	0.569893	100	1
2306.879	1704.379	335.9761	26.50359	0.262495	1.649094	486.8876	1364.536	0.298609	0.535588	228.8081	56.20167	0.566859	100	1
2307.031	1704.531	335.9805	26.5712	0.254943	1.808968	487.7404	1363.983	0.291437	0.516888	264.5121	64.6648	0.650629	100	1.4
2307.183	1704.683	335.9849	26.74449	0.25342	1.859851	488.5929	1360.196	0.290008	0.506373	280.9955	69.15316	0.691458	100	1.6
2307.336	1704.836	335.9893	26.68437	0.248782	1.985095	489.1675	1355.866	0.285619	0.493198	305.2325	76.76423	0.76923	100	2
2307.488	1704.988	335.9937	26.56052	0.250017	1.908424	489.9087	1349.625	0.286811	0.49933	295.1253	73.4121	0.738945	100	1.9
2307.641	1705.141	335.9981	26.7024	0.246457	1.981558	490.3597	1345.002	0.28345	0.497445	302.3648	75.78289	0.758917	100	2

2307.793	1705.293	336.0024	26.59997	0.247759	1.907925	489.7427	1335.059	0.284705	0.503015	292.9471	72.72596	0.731007	100	1.9
2307.945	1705.445	336.0068	26.66979	0.244772	2.000198	486.8497	1321.442	0.281888	0.496751	305.4776	76.8493	0.770514	100	2.1
2308.098	1705.598	336.0112	26.68594	0.244666	2.036044	483.1549	1306.177	0.281807	0.499968	301.1505	75.37494	0.755299	100	2
2308.25	1705.75	336.0156	26.62292	0.233326	2.179725	477.6112	1293.219	0.271085	0.4813	341.7079	92.44507	0.928467	100	3
2308.403	1705.903	336.02	26.61685	0.236072	1.963881	474.1746	1277.379	0.273702	0.485658	332.0836	87.5586	0.879591	100	2.7
2308.555	1706.055	336.0244	26.4274	0.226548	2.069111	471.7577	1261.689	0.26472	0.4615	377.8156	120.9494	1.223417	100	4.4
2308.708	1706.208	336.0288	26.27725	0.231986	1.98007	472.4152	1250.819	0.269876	0.472252	355.8643	101.2163	1.029456	100	3.4
2308.86	1706.36	336.0332	26.15431	0.224888	2.143018	469.8221	1245.649	0.263192	0.458267	384.3866	129.1379	1.319401	100	4.8
2309.012	1706.512	336.0375	26.15646	0.223562	1.963023	469.1693	1242.486	0.26196	0.453011	393.3402	142.8241	1.459131	100	5.4
2309.165	1706.665	336.042	26.2732	0.22125	1.825966	468.4077	1235.349	0.2598	0.437031	418.3731	206.1715	2.097307	100	8.4
2309.317	1706.817	336.0463	26.35947	0.229912	1.472823	468.5278	1225.582	0.267991	0.447997	391.9371	140.4544	1.4243	100	5
2309.469	1706.969	336.0507	26.28508	0.232553	1.374008	467.7602	1219.056	0.270506	0.449618	386.2282	131.692	1.339095	100	4.5
2309.622	1707.122	336.0551	26.37141	0.232287	1.349494	466.7762	1216.609	0.270273	0.458895	373.7479	116.5111	1.181004	100	3.8
2309.774	1707.274	336.0595	26.26287	0.224416	1.510057	466.2466	1215.35	0.26286	0.453231	391.7952	140.2199	1.426996	100	5.1
2309.927	1707.427	336.0639	26.02902	0.225765	1.495495	467.3218	1215.665	0.264151	0.462736	376.8968	119.9081	1.230861	100	4.2
2310.079	1707.579	336.0683	25.81653	0.216474	1.621711	468.5196	1218.219	0.255417	0.437416	423.8916	224.6392	2.324255	100	9.6
2310.231	1707.731	336.0727	25.64065	0.219262	1.530552	470.1801	1223.315	0.258059	0.437329	420.3641	213.5758	2.224437	100	8.9
2310.384	1707.884	336.0771	25.63782	0.249228	1.124373	469.0211	1230.885	0.286421	0.499076	296.0146	73.69567	0.767645	100	1.7
2310.536	1708.036	336.0814	25.67117	0.216237	1.605972	467.0771	1229.012	0.25525	0.428161	436.893	263.0045	2.736152	100	11.5
2310.688	1708.188	336.0858	25.73986	0.215872	1.622332	464.5927	1224.933	0.254926	0.427643	438.0559	266.3138	2.763466	100	11.6
2310.841	1708.341	336.0902	25.83336	0.215397	1.667587	463.7821	1221.614	0.254497	0.427133	439.3512	269.9768	2.791714	100	11.8
2310.993	1708.493	336.0946	25.86682	0.223821	1.544162	464.4141	1220.594	0.26245	0.449368	397.6919	150.791	1.557332	100	5.7
2311.146	1708.646	336.099	25.98026	0.21455	1.766597	465.5946	1221.491	0.253738	0.431087	434.9407	257.4049	2.64724	100	11.2
2311.298	1708.798	336.1034	25.79752	0.213844	1.765635	465.3708	1222.199	0.253094	0.438789	425.2012	228.6207	2.367302	100	9.9
2311.451	1708.951	336.1078	25.85007	0.210267	1.883898	463.3166	1223.956	0.249752	0.432507	438.4823	267.5224	2.764707	100	12.1
2311.603	1709.103	336.1122	25.9227	0.211347	1.83309	461.6825	1222.695	0.250785	0.433385	435.8453	260.0064	2.679793	100	11.6
2311.755	1709.255	336.1165	25.85857	0.225062	1.607886	462.2664	1221.631	0.263715	0.451813	392.5705	141.5129	1.462026	100	5.3
2311.908	1709.408	336.121	25.79235	0.23091	1.5246	464.3674	1219.924	0.269255	0.452897	383.4307	127.8596	1.324253	100	4.5
2312.06	1709.56	336.1253	25.73411	0.231627	1.518652	468.634	1218.435	0.269952	0.45265	382.8097	127.046	1.318713	100	4.5
2312.213	1709.713	336.1297	25.67051	0.233101	1.499719	466.9972	1215.166	0.271364	0.461592	368.521	111.4016	1.159103	100	3.7
2312.365	1709.865	336.1341	25.60028	0.217261	1.750028	467.9479	1211.043	0.25644	0.445414	411.4405	183.6725	1.916143	100	7.7
2312.517	1710.017	336.1385	25.4343	0.199718	2.185604	467.2711	1207.76	0.239995	0.428776	457.0967	317.8428	3.336797	100	15.7
2312.67	1710.17	336.1429	25.49578	0.203276	2.117034	463.6807	1205.292	0.243345	0.449476	423.9063	224.6842	2.353318	100	10.5
2312.822	1710.322	336.1473	25.49786	0.208598	2.001579	456.1178	1201.751	0.248355	0.456962	406.6631	170.7079	1.787851	100	7.5
2312.975	1710.475	336.1517	25.44687	0.218812	1.79263	445.6826	1198.496	0.257975	0.465553	381.5304	125.4103	1.315997	100	4.9
2313.127	1710.627	336.1561	25.47795	0.197931	2.150515	439.3801	1195.444	0.238398	0.405739	491.0908	398.7958	4.179881	100	20.1
2313.279	1710.779	336.1604	25.48004	0.186138	2.348236	438.9873	1193.562	0.22741	0.370806	554.4622	520.4713	5.45481	100	28.4
2313.432	1710.932	336.1648	25.48212	0.177933	2.439047	443.3091	1194.786	0.219797	0.357526	583.2941	566.4097	5.935854	100	32.5
2313.584	1711.084	336.1692	25.41348	0.189923	2.13547	447.6576	1199.763	0.230976	0.397769	512.3326	443.2996	4.657857	100	23.5
2313.737	1711.237	336.1736	25.30519	0.203043	1.981434	450.9176	1204.88	0.243259	0.430894	449.6687	298.3193	3.147512	100	14.4
2313.889	1711.389	336.178	25.3979	0.225091	1.632495	453.6884	1208.803	0.264007	0.471846	364.5227	107.8826	1.134242	100	3.8
2314.042	1711.542	336.1824	25.47621	0.228619	1.549384	459.0403	1213.049	0.267355	0.477769	351.7294	98.41743	1.031663	100	3.3
2314.194	1711.694	336.1868	25.60015	0.244304	1.263476	465.5464	1215.959	0.282219	0.504413	294.4483	73.19757	0.763712	100	1.8
2314.346	1711.846	336.1912	25.60225	0.244092	1.297989	468.644	1222.795	0.282037	0.499797	301.0702	75.34811	0.786094	100	1.9
2314.499	1711.999	336.1956	25.43419	0.242961	1.371717	466.6477	1223.402	0.280983	0.496766	306.7069	77.27897	0.811394	100	2.1
2314.651	1712.151	336.1999	25.23769	0.225194	1.74113	464.6054	1229.004	0.264198	0.460103	380.4645	124.0874	1.312683	100	4.7
2314.803	1712.303	336.2043	25.21066	0.221298	1.841411	463.4417	1226.637	0.260543	0.452474	396.0363	147.6448	1.563524	100	5.9
2314.956	1712.456	336.2087	25.15468	0.216583	1.951566	461.7094	1230.462	0.256123	0.452001	402.7897	161.4679	1.713605	100	6.8
2315.108	1712.608	336.2131	25.16926	0.227323	1.748837	457.4499	1228.285	0.266263	0.479069	351.4416	98.23061	1.041914	100	3.4
2315.261	1712.761	336.2175	25.247	0.239671	1.56709	449.4304	1224.005	0.277959	0.504578	300.0996	75.02536	0.793416	100	2.1
2315.413	1712.913	336.2219	25.27121	0.247139	1.453337	442.5393	1213.371	0.28506	0.512593	279.2391	68.65272	0.725357	100	1.7
2315.565	1713.065	336.2263	25.29399	0.229957	1.71072	439.2584	1204.594	0.268808	0.480536	345.9061	94.82128	1.00098	100	3.2
2315.718	1713.218	336.2307	25.36456	0.212793	1.934517	441.4239	1203.99	0.252653	0.447062	414.3934	192.6744	2.02851	100	8.4
2315.87	1713.37	336.2351	25.29723	0.215497	1.711894	446.7809	1212.616	0.255214	0.449108	408.0361	174.2457	1.839228	100	7.4
2316.022	1713.522	336.2394	25.23011	0.217029	1.625174	449.7573	1222.904	0.256674	0.446742	409.2863	177.5961	1.879435	100	7.5
2316.175	1713.675	336.2438	25.23217	0.217219	1.811324	452.2208	1221.815	0.256872	0.447993	407.2862	172.2955	1.823213	100	7.3
2316.327	1713.827	336.2482	25.15958	0.205971	2.122133	454.0732	1211.837	0.246324	0.424638	454.0722	309.9793	3.289358	100	14.9
2316.48	1713.98	336.2526	25.06844	0.202314	2.086413	455.8211	1209.93	0.242915	0.420329	464.7231	337.1627	3.590441	100	16.7
2316.632	1714.132	336.257	25.03514	0.206843	1.90203	457.2219	1214.38	0.24718	0.439243	432.7364	251.0154	2.676527	100	11.8
2316.785	1714.285	336.2614	24.9962	0.208832	1.907169	457.3476	1224.804	0.249064	0.445626	421.3272	216.7645	2.314825	100	10
2316.937	1714.437	336.2658	25.0304	0.218607	1.758592	457.0872	1236.961	0.258273	0.460146	388.5814	135.1418	1.441281	100	5.4
2317.089	1714.589	336.2702	25.02701	0.225861	1.671632	457.2258	1245.394	0.265128	0.464702	372.8336	115.5718	1.232741	100	4.3
2317.242	1714.742	336.2746	25.00367	0.237661	1.486179	458.9828	1252.274	0.2763	0.486804	326.9166	85.20202	0.909633	100	2.6
2317.394	1714.894	336.2789	24.99056	0.223175	1.728669	461.904	1255.354	0.262633	0.458446	384.9115	129.8534	1.387057	100	5.1
2317.547	1715.047	336.2834	25.05658	0.225663	1.679549	464.5813	1256.376	0.264999	0.465218	372.3007	115.0336	1.225631	100	4.3
2317.699	1715.199	336.2877	25.12942	0.225791	1.729582	465.7008	1255.865	0.265138	0.467537	368.9084	111.7595	1.187416	100	4.1
2317.851	1715.351	336.2921	25.08148	0.22526	1.810293	464.6506	1255.762	0.264655	0.464479	373.7951	116.5601	1.240725	100	4.4
2318.004	1715.504	336.2965	25.20336	0.217638	2.015038	463.1043	1255.943	0.257492	0.446681	408.2414	174.7874	1.851831	100	7.4
2318.156	1715.656	336.3009	25.32541	0.22241	1.942867	462.2334	1256.582	0.262006	0.458843	385.2293	130.2915	1.373982	100	5.1
2318.309	1715.809	336.3053	25.37898	0.225933	1.813507	461.973	1256.495	0.265347	0.468216	367.6831	110.638	1.164356	100	4
2318.461	1715.961	336.3097	25.38105	0.217732	1.877029	461.9855	1255.08	0.257637	0.45065	402.5634	160.9598	1.693825	100	6.7
2318.613	1716.113	336.3141	25.46875	0.217739	1.809186	461.78	1251.961	0.257662	0.452297	400.2558	155.9651	1.635813	100	6.4
2318.766	1716.266	336.3185	25.45215	0.212766	1.90906	461.5682	1249.017	0.253004	0.444631	417.263	202.2383	2.122499	100	8.9
2318.918	1716.418	336.3228	25.52507	0.213798	1.966467	461.1484	1249.923	0.253993	0.450344	408.0155	174.1916	1.823115	100	7.4
2319.071	1716.571	336.3272	25.52715	0.211403	2.100746	461.7193	1253.563	0.251761	0.440895	424.1342	225.3788	2.358684	100	10.1
2319.223	1716.723	336.3316	25.53494	0.210484	2.20973	462.1833	1257.569	0.250917	0.434174	434.5757	256.3518	2.682062	100	11.7
2319.375	1716.875	336.336	25.54465	0.228662	1.709181	462.9832	1256.275	0.268055	0.469182	362.6132	106.3073	1.111834	100	3.7
2319.528	1717.028	336.3404	25.65418	0.245205	1.379939	463.7287	1258.172	0.283732	0.497701	301.6222	75.53289	0.786722	100	1.9
2319.68	1717.18	336.3448	25.65095	0.239028	1.43444	465.0896	1259.965	0.277896	0.482787	330.2579	86.70694	0.903224	100	2.5
2319.833	1717.333	336.3492	25.71201	0.231489	1.583185	467.1722	1267.513	0.270782	0.471714	355.355	100.8594	1.048249	100	3.3

2319.985	1717.485	336.3536	25.8012	0.236144	1.506923	469.3102	1269.431	0.275203	0.485118	330.7576	86.93789	0.900552	100	2.6
2320.137	1717.637	336.3579	25.86637	0.246924	1.408497	471.1011	1275.35	0.285439	0.50875	284.0195	70.02872	0.723639	100	1.7
2320.29	1717.79	336.3624	25.92816	0.247721	1.412813	471.6655	1275.505	0.286215	0.50932	282.1623	69.48887	0.716415	100	1.6
2320.442	1717.942	336.3667	25.98991	0.236252	1.665002	471.3995	1274.425	0.275362	0.489309	324.7544	84.26267	0.866745	100	2.5
2320.595	1718.095	336.3711	26.02116	0.223245	1.918416	470.6349	1274.145	0.263094	0.463029	377.9508	121.1046	1.244278	100	4.5
2320.747	1718.247	336.3755	26.02318	0.221039	1.977703	469.9252	1273.693	0.261034	0.453369	394.1251	144.1904	1.481373	100	5.6
2320.899	1718.399	336.3799	26.00787	0.22259	1.896339	469.6064	1275.024	0.262514	0.45433	390.7561	138.5293	1.424033	100	5.3
2321.052	1718.552	336.3843	25.93327	0.22999	1.747261	469.4008	1275.087	0.269516	0.472216	356.4092	101.6021	1.047342	100	3.4
2321.204	1718.704	336.3887	25.94604	0.239917	1.595304	469.1892	1274.85	0.278926	0.494462	312.7248	79.45824	0.818696	100	2.2
2321.357	1718.857	336.3931	25.95583	0.2572	1.304315	468.7593	1273.952	0.295357	0.527846	243.9801	59.61976	0.614072	100	1.1
2321.509	1719.009	336.3975	25.95794	0.250993	1.353482	468.5541	1273.365	0.289473	0.512615	273.1186	66.95216	0.689547	100	1.5
2321.661	1719.161	336.4018	25.98038	0.240487	1.484901	468.4588	1272.199	0.279523	0.489012	319.4224	82.05087	0.844353	100	2.3
2321.814	1719.314	336.4062	26.07909	0.227858	1.676942	468.4712	1271.536	0.267596	0.461505	373.8403	116.6072	1.195587	100	4.1
2321.966	1719.466	336.4106	26.17952	0.229342	1.628946	468.148	1269.9	0.269017	0.464664	367.5204	110.4914	1.128699	100	3.7
2322.119	1719.619	336.415	26.28132	0.214782	1.85509	467.4866	1267.925	0.255313	0.435833	426.2188	231.696	2.358017	100	9.9
2322.271	1719.771	336.4194	26.24604	0.219616	1.803317	465.9995	1260.64	0.259881	0.448472	402.4729	160.7575	1.638196	100	6.3
2322.423	1719.923	336.4238	26.22789	0.227943	1.666478	464.8971	1254.957	0.267752	0.472673	358.2142	102.9102	1.049414	100	3.4
2322.576	1720.076	336.4282	26.2656	0.226846	1.679569	463.5766	1252.322	0.266735	0.473247	358.825	103.3637	1.052589	100	3.5
2322.728	1720.228	336.4326	26.2846	0.233921	1.530545	462.9871	1250.564	0.273438	0.487022	330.5651	86.84873	0.883802	100	2.6
2322.881	1720.381	336.437	26.205	0.245735	1.333245	463.2939	1250.31	0.284649	0.506334	288.4442	71.34348	0.728148	100	1.7
2323.033	1720.533	336.4414	26.20655	0.254767	1.189928	465.4354	1250.615	0.293248	0.521463	255.6985	62.43371	0.637182	100	1.2
2323.186	1720.686	336.4458	26.31318	0.246866	1.204578	467.902	1253.385	0.28576	0.506362	286.8722	70.87163	0.720478	100	1.6
2323.338	1720.838	336.4501	26.3126	0.239901	1.290934	469.7519	1258.369	0.279174	0.493963	313.0718	79.58798	0.809112	100	2.1
2323.49	1720.99	336.4545	26.18619	0.231719	1.503756	470.2019	1264.182	0.271451	0.480533	342.2622	92.74942	0.947311	100	2.9
2323.643	1721.143	336.4589	26.17683	0.235674	1.529985	469.5428	1266.889	0.275209	0.491308	322.2054	83.18753	0.849949	100	2.4
2323.795	1721.295	336.4633	26.11642	0.224713	1.736162	468.0411	1268.94	0.264873	0.471378	363.9732	107.4226	1.100024	100	3.7
2323.947	1721.447	336.4677	25.96521	0.222612	1.791645	465.188	1271.234	0.26291	0.465901	374.2414	117.0266	1.205114	100	4.3
2324.1	1721.6	336.4721	25.90353	0.197585	2.388108	460.9065	1267.613	0.239429	0.403562	492.6717	402.2562	4.151904	100	20.1
2324.252	1721.752	336.4765	25.83418	0.227441	1.721945	455.9205	1265.216	0.267503	0.461581	373.8639	116.6318	1.206951	100	4.2
2324.405	1721.905	336.4809	25.75993	0.211525	2.003039	453.2253	1257.013	0.252533	0.434697	431.6227	247.7598	2.571075	100	11.1
2324.557	1722.057	336.4852	25.67531	0.194777	2.353513	454.6599	1252.281	0.236861	0.415662	479.5185	372.6834	3.879792	100	19
2324.709	1722.209	336.4896	25.66973	0.19215	2.330678	459.0445	1250.326	0.234426	0.423053	472.6791	356.5737	3.712896	100	18.4
2324.862	1722.362	336.494	25.53481	0.217502	1.637289	463.844	1251.898	0.258209	0.46832	377.3903	120.4645	1.260778	100	4.6
2325.014	1722.514	336.4984	25.60982	0.232543	1.46008	467.533	1256.781	0.272417	0.488607	329.7865	86.4905	0.902652	100	2.6
2325.167	1722.667	336.5028	25.519	0.225039	1.704044	469.4375	1261.505	0.265349	0.466735	369.7244	112.5239	1.178399	100	4.1
2325.319	1722.819	336.5072	25.52645	0.224993	1.805384	470.058	1268.067	0.265324	0.4635	374.2226	117.0069	1.225012	100	4.3
2325.471	1722.971	336.5116	25.49182	0.232233	1.635777	469.7389	1271.53	0.27218	0.476134	347.3264	95.66433	1.002889	100	3.1
2325.624	1723.124	336.516	25.47003	0.222896	1.843022	469.3736	1277.807	0.263384	0.455544	387.8802	134.0912	1.40691	100	5.2
2325.776	1723.276	336.5203	25.43709	0.218867	1.959393	470.4028	1279.04	0.259607	0.44573	406.6345	170.6358	1.792602	100	7.1
2325.929	1723.429	336.5248	25.43926	0.21138	2.165475	472.4792	1278.994	0.252584	0.428026	440.7582	273.9289	2.877529	100	12.6
2326.081	1723.581	336.5291	25.4537	0.220514	1.836404	473.5378	1274.292	0.261196	0.451732	396.1595	147.874	1.552527	100	5.9
2326.233	1723.733	336.5335	25.47949	0.214307	1.973179	472.6793	1272.512	0.255372	0.441927	417.7267	203.8648	2.138297	100	8.9
2326.386	1723.886	336.5379	25.55694	0.223354	1.759229	467.1969	1271.748	0.263909	0.467015	371.325	114.0655	1.192914	100	4.2
2326.538	1724.038	336.5423	25.61861	0.220994	1.829784	465.5079	1269.414	0.261704	0.467152	374.179	116.9611	1.220362	100	4.4
2326.691	1724.191	336.5467	25.68336	0.209206	2.011703	466.9916	1267.555	0.250636	0.448631	415.011	194.6619	2.026153	100	8.6
2326.843	1724.343	336.5511	25.6444	0.216652	1.776344	470.5734	1266.508	0.257653	0.464418	383.5426	128.0077	1.334346	100	5
2326.995	1724.495	336.5555	25.63902	0.235226	1.505829	474.1608	1266.11	0.275198	0.493661	318.976	81.87197	0.85361	100	2.4
2327.148	1724.648	336.5599	25.48465	0.231382	1.665181	476.4092	1265.764	0.271582	0.476971	346.9981	95.4676	1.001199	100	3.1
2327.3	1724.8	336.5642	25.44912	0.233852	1.696585	478.7498	1262.625	0.273935	0.47731	343.2811	93.31607	0.979966	100	3
2327.453	1724.953	336.5686	25.41144	0.247616	1.45876	478.6437	1261.043	0.286996	0.505496	286.3606	70.71922	0.743735	100	1.8
2327.605	1725.105	336.573	25.48713	0.242338	1.539073	477.4205	1260.522	0.282008	0.494821	307.9757	77.72772	0.815101	100	2.1
2327.757	1725.257	336.5774	25.58638	0.21195	2.099164	474.7577	1262.105	0.253344	0.423465	446.0034	288.4178	3.013207	100	13.2
2327.91	1725.41	336.5818	25.65123	0.227276	1.696762	472.1624	1261.257	0.267797	0.45659	380.3458	123.9423	1.291718	100	4.5
2328.062	1725.562	336.5862	25.71629	0.241657	1.435662	471.2443	1259.098	0.281419	0.483689	324.1503	84.00476	0.873359	100	2.4
2328.215	1725.715	336.5906	25.80359	0.25223	1.271968	472.3823	1253.239	0.291473	0.501565	285.6077	70.49591	0.730524	100	1.6
2328.367	1725.867	336.595	25.80642	0.242932	1.353963	474.5834	1244.964	0.282665	0.482075	324.6587	84.22166	0.872674	100	2.3
2328.52	1726.02	336.5994	25.81516	0.246551	1.268405	477.48	1239.99	0.286117	0.505727	287.255	70.98604	0.735298	100	1.7
2328.672	1726.172	336.6038	25.69003	0.225501	1.563158	477.3188	1235.742	0.266215	0.471282	362.2541	106.0182	1.103351	100	3.7
2328.824	1726.324	336.6081	25.69627	0.226376	1.545781	476.3194	1235.655	0.267059	0.473332	358.2597	102.9439	1.071114	100	3.5
2328.977	1726.477	336.6125	25.71186	0.215195	1.691244	473.8716	1230.446	0.256545	0.427882	435.4913	258.9899	2.693191	100	11.4
2329.129	1726.629	336.6169	25.77938	0.217052	1.590136	470.5761	1226.24	0.25831	0.421583	441.7478	276.6918	2.870013	100	12
2329.281	1726.781	336.6213	25.85061	0.208902	1.671189	465.272	1218.476	0.250669	0.399311	483.0277	380.7504	3.938894	100	17.7
2329.434	1726.934	336.6257	25.94055	0.2383	1.272241	459.338	1214.688	0.278407	0.474425	341.0928	92.11057	0.949709	100	2.7
2329.586	1727.086	336.6301	26.01889	0.221636	1.558963	455.4806	1215.168	0.262683	0.453792	391.2645	139.3504	1.432613	100	5.3
2329.739	1727.239	336.6345	26.10294	0.171847	2.738621	456.3807	1215.439	0.216162	0.372702	567.3677	541.6383	5.551139	100	31.5
2329.891	1727.391	336.6389	26.1925	0.155332	3.176834	463.1319	1215.56	0.200931	0.34497	626.6563	627.4718	6.409668	100	40.6
2330.043	1727.543	336.6432	26.19475	0.159975	2.693896	474.0199	1214.62	0.205227	0.342582	624.0244	623.9971	6.373702	100	39.1
2330.196	1727.696	336.6476	26.22909	0.181707	1.967736	487.1357	1214.274	0.22537	0.351197	584.3371	567.9835	5.794286	100	30.9
2330.348	1727.848	336.652	26.15788	0.21179	1.449594	500.1006	1216.458	0.253512	0.40482	471.5017	353.7474	3.618264	100	15.9
2330.5	1728	336.6564	26.26115	0.227746	1.342236	512.2728	1223.612	0.268558	0.427155	419.9158	211.8681	2.158866	100	8.2
2330.653	1728.153	336.6608	26.25755	0.218349	1.565133	522.2552	1234.609	0.259718	0.383662	492.1355	401.0852	4.087503	100	17.6
2330.805	1728.305	336.6652	26.29991	0.22316	1.566856	528.3793	1242.937	0.264269	0.388886	478.646	370.6569	3.771571	100	15.7
2330.958	1728.458	336.6696	26.32831	0.233129	1.37644	531.5652	1246.103	0.273701	0.407304	440.2137	272.4027	2.768939	100	10.6
2331.11	1728.61	336.674	26.36901	0.243374	1.202964	531.8142	1246.107	0.283421	0.439309	382.6327	126.8166	1.287168	100	4
2331.263	1728.763	336.6784	26.40489	0.252751	1.038611	533.1777	1244.832	0.292343	0.470717	326.978	85.22908	0.863936	100	2
2331.415	1728.915	336.6828	26.47068	0.251156	1.045579	534.864	1244.217	0.290846	0.479235	317.2889	81.20406	0.821171	100	1.9
2331.567	1729.067	336.6871	26.5353	0.236212	1.280182	536.468	1242.953	0.276692	0.44179	388.4955	135.0121	1.362109	100	4.5
2331.72	1729.22	336.6915	26.53758	0.24224	1.235078	541.3764	1240.927	0.28242	0.439747	383.4086	127.8305	1.28956	100	4
2331.872	1729.372	336.6959	26.53986	0.243817	1.425668	543.7754	1237.807	0.283935	0.415243	415.1349	195.0653	1.967682	100	6.8
2332.025	1729.525	336.7003	26.54214	0.240095	2.119393	543.791	1234.344	0.280425	0.382875	464.6461	336.9712	3.398877	100	13.1

2332.177	1729.677	336.7047	26.58949	0.230666	2.980606	543.7696	1229.803	0.271522	0.345748	528.1675	473.8909	4.771766	100	19.9
2332.329	1729.829	336.7091	26.66157	0.225806	2.942765	546.3098	1225.197	0.266951	0.339117	543.6251	501.8661	5.040342	100	21.5
2332.482	1729.982	336.7135	26.83751	0.221183	2.493232	550.3796	1220.013	0.262611	0.337418	551.9598	516.245	5.15207	100	22.4
2332.634	1730.134	336.7179	26.8386	0.21998	2.070101	551.3791	1216.245	0.261496	0.333717	558.6059	527.3808	5.263043	100	22.9
2332.787	1730.287	336.7223	26.83968	0.223297	1.623382	549.9899	1213.146	0.264641	0.34405	540.0066	495.474	4.944478	100	21
2332.939	1730.439	336.7266	26.84186	0.225655	1.466879	547.49	1214.235	0.266884	0.335516	548.6886	510.6577	5.095646	100	21.4
2333.091	1730.591	336.731	26.84403	0.228383	1.493812	544.477	1216.111	0.269477	0.34385	533.6086	483.9405	4.828712	100	20
2333.244	1730.744	336.7354	26.8462	0.227275	1.688583	539.8394	1217.392	0.26845	0.338677	542.1653	499.2986	4.981609	100	20.8
2333.396	1730.896	336.7398	26.84838	0.219741	1.821967	528.4015	1215.458	0.261365	0.334875	557.1885	525.0297	5.237969	100	22.8
2333.549	1731.049	336.7442	26.85055	0.217027	1.747353	514.0549	1210.809	0.258829	0.345119	546.5531	506.9715	5.057462	100	22.2
2333.701	1731.201	336.7486	26.85272	0.212859	1.957389	498.5228	1205.542	0.254927	0.334362	566.7813	540.6987	5.393545	100	24.3
2333.854	1731.354	336.753	26.8549	0.220208	2.201184	486.9068	1206.648	0.261861	0.342796	545.5733	505.2698	5.039787	100	21.9
2334.006	1731.506	336.7574	26.85707	0.227428	2.554022	480.1765	1205.377	0.268688	0.349916	526.3265	470.4387	4.692042	100	19.8
2334.158	1731.658	336.7618	26.85925	0.227921	2.724149	475.8469	1207.274	0.269171	0.339615	539.8745	495.2389	4.93905	100	20.8
2334.311	1731.811	336.7662	26.86142	0.229632	2.398332	472.1214	1207.303	0.270806	0.336633	541.7349	498.5387	4.971615	100	20.7
2334.463	1731.963	336.7705	26.86359	0.243758	1.914708	468.5095	1207.548	0.284195	0.383159	459.0519	322.8644	3.219502	100	12.1
2334.615	1732.115	336.7749	26.86577	0.240142	1.589483	464.913	1207.795	0.280787	0.385428	460.6234	326.8661	3.259179	100	12.4
2334.768	1732.268	336.7793	26.86794	0.231505	1.200903	464.0024	1210.976	0.272632	0.378797	481.0277	376.1689	3.750518	100	14.9
2334.92	1732.42	336.7837	26.87011	0.21654	1.183321	465.6506	1219.522	0.258538	0.345039	547.0643	507.8567	5.063136	100	22.1
2335.073	1732.573	336.7881	26.87229	0.216572	1.284432	469.066	1231.395	0.258587	0.345897	545.8129	505.6865	5.041149	100	22.1
2335.225	1732.725	336.7925	26.87446	0.218961	1.346416	471.4653	1242.5	0.260855	0.31782	581.4288	563.5808	5.617905	100	24.5
2335.377	1732.877	336.7969	26.87663	0.230646	1.407009	471.6061	1247.346	0.271895	0.333264	544.8817	504.0645	5.024285	100	20.6
2335.53	1733.03	336.8013	26.87881	0.2528	1.423947	467.4725	1245.64	0.292912	0.388838	439.1857	269.5102	2.686169	100	9.4
2335.682	1733.182	336.8056	26.88098	0.246832	1.677269	460.6265	1239.254	0.287261	0.377735	462.3044	331.1127	3.299923	100	12.2
2335.834	1733.334	336.81	26.88316	0.236008	1.811962	454.4499	1230.853	0.277021	0.364973	494.049	405.2506	4.038514	100	16
2335.987	1733.487	336.8144	26.88533	0.219262	1.906333	449.2379	1223.556	0.261231	0.322955	573.8226	551.8498	5.499064	100	24.1
2336.139	1733.639	336.8188	26.8875	0.214262	1.825646	446.4781	1215.962	0.256544	0.312566	594.6279	583.212	5.81118	100	26.1
2336.292	1733.792	336.8232	26.88968	0.211602	1.717099	445.6722	1208.051	0.254064	0.298221	617.8471	615.7341	6.134808	100	27.9
2336.444	1733.944	336.8276	26.89185	0.212497	1.673913	447.4354	1199.777	0.254922	0.293741	622.8449	622.4312	6.201105	100	28.1
2336.597	1734.097	336.832	26.89402	0.218466	1.505292	451.0417	1193.902	0.260556	0.309603	593.181	581.1029	5.788963	100	25.4
2336.749	1734.249	336.8364	26.8962	0.240247	1.306579	455.0469	1190.386	0.281147	0.382099	464.7215	337.1586	3.35855	100	12.7
2336.901	1734.401	336.8407	26.89837	0.241734	1.308091	457.0036	1189.303	0.282575	0.370909	478.1933	369.6024	3.68148	100	14
2337.054	1734.554	336.8452	26.90055	0.243162	1.297367	457.3446	1189.349	0.283947	0.358538	493.3703	403.7774	4.021606	100	15.3
2337.206	1734.706	336.8495	26.90272	0.243313	1.263431	456.1163	1189.795	0.284109	0.354198	499.1374	416.1534	4.144584	100	15.8
2337.359	1734.859	336.8539	26.91393	0.239012	1.273022	453.5087	1191.327	0.280051	0.353618	505.5366	429.5161	4.275989	100	16.6
2337.511	1735.011	336.8583	26.9161	0.229029	1.354663	450.7968	1190.578	0.270628	0.34538	529.909	477.132	4.749695	100	19.5
2337.663	1735.163	336.8627	27.04444	0.225674	1.396986	449.0892	1187.483	0.267479	0.357348	517.7392	453.9778	4.498604	100	18.7
2337.816	1735.316	336.8671	27.17463	0.224743	1.405505	448.4874	1180.812	0.26662	0.351017	527.6608	472.9434	4.664985	100	19.6
2337.968	1735.468	336.8715	27.12581	0.229348	1.404413	447.6626	1171.934	0.270986	0.357117	513.2179	445.0652	4.397637	100	18
2338.121	1735.621	336.8759	27.01941	0.227321	1.384715	446.5128	1165.833	0.26909	0.351556	523.5087	465.1031	4.613074	100	19.1
2338.273	1735.773	336.8803	26.9479	0.217723	1.471059	446.086	1163.981	0.260062	0.34159	549.7212	512.4292	5.095493	100	22.2
2338.425	1735.925	336.8846	26.87726	0.206071	1.571778	446.1661	1165.723	0.249133	0.326961	584.9914	568.9678	5.672061	100	26.4
2338.578	1736.078	336.889	26.81661	0.210303	1.514223	447.3549	1172.024	0.253123	0.350984	546.3329	506.5896	5.06125	100	22.9
2338.73	1736.23	336.8934	26.75838	0.208665	1.483537	448.3853	1176.773	0.251603	0.342241	560.4945	530.4937	5.311224	100	24.3
2338.883	1736.383	336.8978	26.69419	0.211677	1.420091	451.0286	1185.572	0.25445	0.343504	554.824	521.079	5.229093	100	23.5
2339.035	1736.535	336.9022	26.82441	0.221412	1.327125	453.7961	1193.076	0.263628	0.367157	509.5167	437.6382	4.371258	100	18.5
2339.188	1736.688	336.9066	26.73551	0.2299	1.291015	458.6329	1208.361	0.271655	0.376665	485.3188	385.9464	3.867321	100	15.6
2339.34	1736.84	336.911	26.61014	0.22852	1.329443	463.7736	1225.96	0.270371	0.366781	500.7309	419.5166	4.222822	100	17.2
2339.492	1736.992	336.9154	26.47881	0.222455	1.468443	468.2816	1240.55	0.264668	0.359727	518.336	455.1414	4.603358	100	19.5
2339.645	1737.145	336.9198	26.35554	0.214355	1.662702	469.9496	1241.288	0.25706	0.374248	508.7944	436.1748	4.431462	100	19.6
2339.797	1737.297	336.9242	26.22858	0.222214	1.685018	468.8931	1246.52	0.264477	0.431278	419.8577	211.6486	2.160374	100	8.6
2339.949	1737.449	336.9285	26.2307	0.229146	1.678147	466.4668	1255.144	0.271036	0.468593	359.3116	103.7291	1.058727	100	3.5
2340.102	1737.602	336.9329	26.09658	0.222241	1.843415	465.8844	1266.332	0.26454	0.463774	374.9261	117.7521	1.207828	100	4.3
2340.254	1737.754	336.9373	26.09869	0.21257	2.067002	467.3087	1277.371	0.255457	0.447068	410.5158	181.0156	1.856617	100	7.7
2340.407	1737.907	336.9417	26.1008	0.21755	1.97669	470.2821	1291.023	0.260158	0.457259	389.9643	137.2728	1.407864	100	5.4
2340.559	1738.059	336.9461	26.1029	0.231917	1.777819	473.3212	1298.191	0.273729	0.483913	334.4549	88.69802	0.909621	100	2.8
2340.711	1738.211	336.9505	26.10501	0.230338	1.885765	476.0014	1301.763	0.272255	0.473101	351.4093	98.20971	1.007096	100	3.3
2340.864	1738.364	336.9549	26.10711	0.227504	2.077324	477.74	1300.321	0.269597	0.4593	374.1212	116.9005	1.198679	100	4.2
2341.016	1738.516	336.9593	26.10922	0.227979	2.152899	478.462	1296.424	0.270064	0.454104	380.6479	124.3125	1.274593	100	4.6
2341.168	1738.668	336.9636	25.98157	0.235206	2.048963	476.6622	1288.558	0.276913	0.468577	351.2235	98.08976	1.010508	100	3.2
2341.321	1738.821	336.968	25.90576	0.23692	2.025112	472.4299	1277.685	0.278554	0.474134	341.2906	92.21775	0.95271	100	3
2341.473	1738.973	336.9724	25.85041	0.23232	2.001745	467.0336	1261.173	0.274221	0.467304	356.6958	101.8067	1.05396	100	3.5
2341.626	1739.126	336.9768	25.8525	0.225935	2.068847	462.2606	1245.447	0.26821	0.455434	381.3714	125.2107	1.296162	100	4.7
2341.778	1739.278	336.9812	25.85458	0.214852	2.265056	459.0972	1231.742	0.257788	0.435857	422.7698	221.2072	2.289745	100	9.7
2341.931	1739.431	336.9856	25.69975	0.206518	2.457431	456.5296	1217.438	0.249979	0.419633	455.9357	314.8381	3.277942	100	14.9
2342.083	1739.583	336.99	25.66434	0.201771	2.358833	452.6873	1202.67	0.245549	0.412806	471.4702	353.6717	3.687205	100	17.3
2342.235	1739.735	336.9944	25.62678	0.207135	1.916743	447.6841	1189.951	0.250595	0.433097	436.5053	261.8971	2.734304	100	12.1
2342.388	1739.888	336.9988	25.58686	0.203999	1.902946	443.5901	1180.958	0.247674	0.433675	439.7385	271.0677	2.834346	100	12.8
2342.54	1740.04	337.0032	25.42019	0.192344	2.110427	442.2296	1174.153	0.236791	0.414494	481.2268	376.627	3.963125	100	19.6
2342.693	1740.193	337.0076	25.25025	0.184314	2.232766	443.4102	1169.86	0.229324	0.396146	516.8522	452.2431	4.789872	100	25
2342.845	1740.345	337.0119	25.09548	0.188089	1.933297	444.1433	1166.649	0.232858	0.403675	501.5845	421.3083	4.488942	100	22.8
2342.997	1740.497	337.0163	24.8049	0.194229	1.708795	443.3051	1164.129	0.238606	0.412504	481.4683	377.1819	4.064489	100	19.8
2343.15	1740.65	337.0207	24.67931	0.19379	1.737015	440.4324	1162.883	0.238214	0.402684	495.5605	408.5155	4.423928	100	21.7
2343.302	1740.802	337.0251	24.59411	0.196957	1.696835	439.8554	1165.813	0.241193	0.405117	488.0928	392.1642	4.261187	100	20.5
2343.455	1740.955	337.0295	24.58298	0.201126	1.649	441.3918	1175.699	0.245112	0.416508	466.9651	342.7078	3.725475	100	17.4
2343.607	1741.107	337.0339	24.5245	0.202984	1.643629	444.8628	1186.327	0.24687	0.428981	447.3259	292.0112	3.181752	100	14.5
2343.759	1741.259	337.0383	24.7161	0.202459	1.667237	447.7256	1187.391	0.246398	0.430177	446.3276	289.3008	3.128507	100	14.3
2343.912	1741.412	337.0427	24.7361	0.21104	1.530415	450.5421	1184.913	0.254465	0.444005	416.1126	198.3024	2.142784	100	8.9
2344.064	1741.564	337.047	24.92631	0.225135	1.364219	454.2804	1179.57	0.267752	0.469845	362.1174	105.9087	1.135944	100	3.8
2344.217	1741.717	337.0514	24.99629	0.233141	1.313583	456.624	1176.131	0.275332	0.490949	322.5328	83.32373	0.891285	100	2.5

2344.369	1741.869	337.0558	24.86798	0.195801	2.064865	455.8531	1177.303	0.240242	0.432812	451.1866	302.3672	3.250538	100	15.6
2344.521	1742.021	337.0602	24.89843	0.170807	2.808335	447.4659	1179.653	0.217006	0.396138	533.8625	484.404	5.201356	100	29.7
2344.674	1742.174	337.0646	24.97108	0.147754	3.648151	444.1112	1179.13	0.195775	0.358295	615.384	612.396	6.557186	100	43.8
2344.826	1742.326	337.069	25.05639	0.151801	2.913634	444.1575	1177.437	0.199509	0.365513	600.2702	591.3402	6.310878	100	40.9
2344.979	1742.479	337.0734	25.1392	0.156565	2.531928	448.1168	1173.121	0.203909	0.365477	594.247	582.6578	6.198413	100	38.8
2345.131	1742.631	337.0778	25.23369	0.171202	2.330755	449.4468	1172.33	0.217445	0.380524	554.8032	521.0441	5.522885	100	31.4
2345.283	1742.783	337.0822	25.16887	0.173818	2.705364	447.684	1171.891	0.219888	0.371845	563.408	535.253	5.687709	100	31.9
2345.436	1742.936	337.0866	25.28259	0.176434	2.758928	446.8316	1177.156	0.222333	0.371539	560.4565	530.4314	5.611952	100	31
2345.588	1743.088	337.0909	25.21411	0.171204	2.92295	449.0019	1182.171	0.217503	0.35329	592.3064	579.823	6.150715	100	35.2
2345.741	1743.241	337.0953	25.13979	0.186206	2.230925	455.3353	1189.683	0.231457	0.391553	520.2469	458.847	4.881405	100	25.3
2345.893	1743.393	337.0997	25.14287	0.185341	2.117062	462.6713	1193.277	0.230669	0.383426	532.549	482.0012	5.127166	100	26.7
2346.045	1743.545	337.1041	25.14595	0.195263	1.851146	469.1326	1192.662	0.239943	0.404997	489.9834	396.3567	4.215683	100	20.5
2346.198	1743.698	337.1085	25.14902	0.202034	1.663227	472.9075	1189.866	0.246296	0.414663	467.8777	344.9478	3.668493	100	17
2346.35	1743.85	337.1129	25.1521	0.221812	1.347178	472.0354	1187.163	0.264896	0.453523	388.5811	135.1414	1.43706	100	5.2
2346.503	1744.003	337.1173	25.3466	0.235353	1.152467	464.9651	1181.126	0.277702	0.474717	341.6621	92.42004	0.975472	100	2.8
2346.655	1744.155	337.1217	25.4658	0.21177	1.741253	453.8366	1169.753	0.255484	0.412456	458.2438	320.7946	3.37059	100	14.8
2346.807	1744.307	337.126	25.55507	0.207008	1.929126	441.3365	1150.421	0.251033	0.401695	479.2358	372.0277	3.895711	100	17.8
2346.96	1744.46	337.1304	25.5582	0.186699	2.064219	430.2149	1130.956	0.232064	0.355798	568.7509	543.8468	5.694302	100	29.5
2347.112	1744.612	337.1348	25.56132	0.173378	2.161129	423.0741	1114.968	0.219702	0.338506	609.672	604.5566	6.329268	100	35.6
2347.265	1744.765	337.1392	25.97184	0.171384	2.137514	417.4013	1100.511	0.217873	0.356151	587.8459	573.2363	5.909649	100	33.6
2347.417	1744.917	337.1436	25.81421	0.170497	2.092856	417.4842	1092.047	0.21707	0.364821	576.99	556.7736	5.773862	100	32.9
2347.569	1745.069	337.148	25.69678	0.18031	1.733309	419.0017	1086.077	0.226193	0.392052	526.822	471.3706	4.909863	100	26.2
2347.722	1745.222	337.1524	25.55393	0.178906	1.574475	419.6191	1083.231	0.224906	0.39361	526.4482	470.6678	4.929107	100	26.4
2347.874	1745.374	337.1568	25.62852	0.181276	1.503764	418.5935	1078.539	0.227127	0.407702	503.9353	426.2078	4.450962	100	23.4
2348.027	1745.527	337.1612	25.76295	0.162001	2.053205	420.1851	1074.564	0.209291	0.378429	568.9476	544.1601	5.654119	100	34
2348.179	1745.679	337.1656	25.90884	0.172166	1.870666	430.732	1075.686	0.218709	0.399424	526.9762	471.66	4.87416	100	27.3
2348.332	1745.832	337.17	26.29251	0.180001	1.677806	458.9496	1080.383	0.225998	0.405089	509.1001	436.7947	4.450256	100	23.6
2348.484	1745.984	337.1743	26.15086	0.183305	1.576398	501.4414	1090.419	0.229089	0.39911	513.0862	444.8031	4.555589	100	23.7
2348.636	1746.136	337.1787	26.23396	0.17224	1.78851	544.3699	1097.137	0.218833	0.355621	587.2536	572.354	5.844061	100	32.9
2348.789	1746.289	337.1831	26.27694	0.178719	2.757232	573.0574	1113.263	0.224863	0.299478	656.4105	665.0194	6.779565	100	37.2
2348.941	1746.441	337.1875	26.33924	0.213007	3.265128	583.4759	1129.747	0.256924	0.245719	686.3531	700.0562	7.120517	100	32.8
2349.093	1746.593	337.1919	26.14109	0.251583	1.575511	575.2261	1154.745	0.293407	0.201151	697.5091	712.5268	7.300456	100	27.9
2349.246	1746.746	337.1963	26.3687	0.270527	0.008602	550.7805	1170.813	0.311475	0.186294	693.0788	707.6087	7.189701	100	24.9
2349.398	1746.898	337.2007	26.03537	0.265174	0.004437	514.4299	1184.994	0.306385	0.201832	678.6611	691.2845	7.110721	100	25.1
2349.551	1747.051	337.2051	26.20477	0.242364	0.003675	483.1905	1196.973	0.284712	0.278238	603.1291	595.4015	6.086251	100	23.4
2349.703	1747.203	337.2094	26.16807	0.223448	0.013891	461.6381	1212.286	0.266846	0.378883	488.8947	393.947	4.032453	100	16.3
2349.855	1747.355	337.2138	26.06325	0.220152	0.425824	452.3734	1229.814	0.263758	0.445539	401.1704	157.905	1.622613	100	5.7
2350.008	1747.508	337.2182	25.96169	0.194349	1.163027	449.5738	1245.554	0.239571	0.414928	476.791	366.3211	3.778537	100	18.1
2350.16	1747.66	337.2226	25.9143	0.192775	1.943637	450.3418	1258.822	0.238119	0.413324	481.008	376.1235	3.88654	100	19.1
2350.312	1747.812	337.227	25.87316	0.200115	2.168266	454.4975	1269.115	0.244999	0.421758	459.8752	324.9646	3.3631	100	15.8
2350.465	1747.965	337.2314	26.05246	0.230045	1.580714	459.713	1278.114	0.273164	0.473123	350.1228	97.38732	1.001177	100	3.2
2350.617	1748.117	337.2358	26.0855	0.239874	1.464295	464.6748	1287.324	0.282481	0.479095	329.024	86.14335	0.884509	100	2.5
2350.77	1748.27	337.2402	25.97724	0.236898	1.489901	468.5375	1296.772	0.279682	0.469992	345.4499	94.55484	0.974795	100	2.9
2350.922	1748.422	337.2446	25.8742	0.226069	1.708309	470.5034	1306.773	0.269466	0.461826	370.8179	113.5709	1.175355	100	4
2351.075	1748.575	337.249	26.03201	0.227267	1.716242	471.9046	1314.285	0.270615	0.471878	355.3592	100.8624	1.037726	100	3.4
2351.227	1748.727	337.2533	25.97048	0.235252	1.618533	472.2511	1319.538	0.27818	0.486692	324.4765	84.14378	0.867706	100	2.5
2351.379	1748.879	337.2577	25.90987	0.243579	1.429334	472.147	1321.991	0.286086	0.495619	301.2468	75.40714	0.779378	100	1.9
2351.532	1749.032	337.2621	26.03928	0.244949	1.378685	471.0997	1319.421	0.287404	0.499417	294.1877	73.11532	0.752066	100	1.8
2351.684	1749.184	337.2665	25.97466	0.227473	1.699086	469.5427	1315.305	0.270884	0.471782	355.1222	100.6975	1.038277	100	3.4
2351.837	1749.337	337.2709	25.90401	0.212769	2.115668	467.1655	1312.208	0.257052	0.447973	407.0654	171.7295	1.775362	100	7.3
2351.989	1749.489	337.2753	25.82474	0.196515	2.591128	465.5678	1311.184	0.241835	0.414531	474.216	360.2393	3.735289	100	18.1
2352.141	1749.641	337.2797	25.94914	0.219352	1.948169	464.5333	1311.845	0.263282	0.457961	384.6845	129.5428	1.337003	100	5
2352.294	1749.794	337.2841	25.88217	0.23205	1.647409	465.2184	1312.908	0.275281	0.480009	337.7004	90.32315	0.93456	100	2.8
2352.446	1749.946	337.2884	25.77401	0.241866	1.472509	465.9665	1314.514	0.284591	0.499953	297.3297	74.11882	0.770015	100	1.9
2352.599	1750.099	337.2929	25.66541	0.238192	1.556122	466.9847	1319.578	0.281129	0.493293	311.2974	78.92934	0.823356	100	2.2
2352.751	1750.251	337.2972	25.92502	0.236752	1.629607	468.0076	1326.188	0.279784	0.488964	319.1282	81.93286	0.846414	100	2.4
2352.903	1750.403	337.3016	26.16582	0.238798	1.625649	469.6357	1334.201	0.281739	0.489509	315.6778	80.57789	0.825019	100	2.3
2353.056	1750.556	337.306	26.44061	0.222605	1.955479	470.1547	1339.223	0.266457	0.4557	383.4233	127.85	1.295902	100	4.7
2353.208	1750.708	337.3104	26.43851	0.230563	1.728146	470.68	1337.797	0.273986	0.477695	342.6798	92.98052	0.942542	100	2.9
2353.361	1750.861	337.3148	26.39425	0.218766	2.045294	472.4342	1341.927	0.262878	0.462618	378.8154	122.1095	1.239836	100	4.6
2353.513	1751.013	337.3192	26.35253	0.217284	2.199537	475.4718	1348.167	0.261501	0.461246	382.6101	126.7873	1.289311	100	4.9
2353.666	1751.166	337.3236	26.12541	0.217097	2.395676	478.8873	1356.673	0.261344	0.457281	388.2976	134.7143	1.381432	100	5.4
2353.818	1751.318	337.328	26.13391	0.243453	1.835747	481.5109	1358.661	0.286262	0.503246	290.4792	71.96248	0.737716	100	1.9
2353.97	1751.47	337.3323	26.10289	0.244091	1.865577	481.7932	1362.391	0.286886	0.502385	290.8056	72.06263	0.739598	100	1.9
2354.123	1751.623	337.3367	26.31656	0.249907	1.796682	480.6323	1356.964	0.292425	0.514167	266.904	65.28913	0.66483	100	1.5
2354.275	1751.775	337.3411	26.53075	0.240867	1.989197	479.3116	1351.009	0.283866	0.495509	304.4632	76.49844	0.772909	100	2.1
2354.427	1751.927	337.3455	26.69615	0.235784	2.100096	478.3811	1339.192	0.279071	0.482915	328.4596	85.88865	0.862606	100	2.6
2354.58	1752.08	337.3499	26.54051	0.228729	2.295676	477.8407	1328.083	0.27242	0.465159	362.1404	105.9271	1.069884	100	3.7
2354.732	1752.232	337.3543	26.79904	0.217879	2.533717	477.6257	1320.05	0.262209	0.440347	410.4734	180.8956	1.810097	100	7.4
2354.885	1752.385	337.3587	26.8009	0.238679	1.927878	476.4556	1317.22	0.281867	0.491134	313.2588	79.6581	0.797037	100	2.3
2355.037	1752.537	337.3631	26.95842	0.237691	1.848797	473.798	1316.158	0.28095	0.492858	312.1447	79.24235	0.78842	100	2.2
2355.189	1752.689	337.3674	27.19765	0.229463	1.90718	467.452	1314.025	0.273187	0.485977	332.3538	87.6865	0.865052	100	2.7
2355.342	1752.842	337.3718	27.17806	0.206264	2.419829	460.8191	1304.178	0.25137	0.441195	424.2615	225.7668	2.228817	100	9.9
2355.494	1752.994	337.3762	27.11477	0.200151	2.580302	459.2468	1301.54	0.24566	0.432015	444.8081	285.1493	2.821403	100	13.2
2355.646	1753.146	337.3806	27.03692	0.216914	2.075322	461.6609	1298.476	0.261412	0.459721	384.8374	129.7518	1.287396	100	4.9
2355.799	1753.299	337.385	26.79368	0.233616	1.599285	463.9124	1301.226	0.277186	0.48725	325.0786	84.40186	0.844765	100	2.4
2355.951	1753.451	337.3894	26.92388	0.248812	1.35526	466.3259	1296.95	0.291606	0.514709	267.2856	65.38951	0.651429	100	1.4
2356.104	1753.604	337.3938	26.97971	0.255085	1.254229	468.9774	1292.484	0.297587	0.527869	240.8711	58.89972	0.585611	100	1
2356.256	1753.756	337.3982	27.0341	0.245628	1.352662	472.4544	1289.279	0.28862	0.509524	278.5614	68.46115	0.679362	100	1.5
2356.409	1753.909	337.4026	26.87971	0.248211	1.306155	475.9247	1288.568	0.29109	0.513478	269.6953	66.02858	0.658854	100	1.4

2356.561	1754.061	337.407	26.85376	0.233961	1.567194	477.5481	1287.024	0.277604	0.483806	329.2535	86.24746	0.861413	100	2.5
2356.713	1754.213	337.4113	26.78181	0.215171	2.10851	478.1645	1285.366	0.259901	0.446146	405.6565	168.2043	1.684337	100	6.8
2356.866	1754.366	337.4157	26.52708	0.216726	2.136134	477.5564	1286.42	0.261382	0.450636	397.4161	150.2567	1.518561	100	6
2357.018	1754.518	337.4201	26.4596	0.224132	1.929134	475.7168	1289.948	0.268377	0.464976	367.973	110.9006	1.123579	100	3.9
2357.171	1754.671	337.4245	26.42016	0.229251	1.744968	472.8881	1294.067	0.273227	0.475058	347.367	95.68872	0.970867	100	3.1
2357.323	1754.823	337.4289	26.35983	0.221145	1.902017	469.9688	1289.657	0.265598	0.457182	382.564	126.7278	1.288644	100	4.7
2357.475	1754.975	337.4333	26.13666	0.218003	1.959609	469.6725	1280.129	0.262658	0.449842	396.751	148.985	1.527475	100	5.9
2357.628	1755.128	337.4377	26.1047	0.210683	2.131058	465.95	1271.944	0.255793	0.433401	428.9116	239.7563	2.461042	100	10.7
2357.78	1755.28	337.4421	26.21807	0.208676	2.18064	462.6421	1266.068	0.253927	0.431341	434.3293	255.64	2.613143	100	11.5
2357.933	1755.433	337.4465	26.21318	0.199252	2.437295	456.9477	1262.509	0.245114	0.418266	464.536	336.6971	3.442356	100	16.4
2358.085	1755.585	337.4508	26.09122	0.183242	3.037722	455.2062	1260.13	0.230193	0.38998	524.161	466.3439	4.789428	100	25.4
2358.237	1755.737	337.4552	26.09953	0.17633	3.189398	457.1475	1258.979	0.223788	0.374336	554.5887	520.684	5.345911	100	29.6
2358.39	1755.89	337.4596	26.09996	0.196593	2.288157	462.4766	1261.745	0.242682	0.416277	470.6371	351.6619	3.610521	100	17.4
2358.542	1756.042	337.464	26.33235	0.223241	1.630037	467.7134	1259.867	0.267721	0.459078	377.0179	120.0441	1.221996	100	4.3
2358.695	1756.195	337.4684	26.30504	0.250147	1.316615	470.5424	1259.71	0.293206	0.503956	279.9167	68.84511	0.701522	100	1.5
2358.847	1756.347	337.4728	26.26122	0.256665	1.332125	469.3538	1258.601	0.299422	0.511447	261.0008	63.76324	0.650791	100	1.3
2359	1756.5	337.4772	26.27324	0.260746	1.335083	464.2706	1259.196	0.303326	0.52285	239.8775	58.67181	0.598567	100	1
2359.152	1756.652	337.4816	26.49435	0.23983	1.673469	456.748	1258.286	0.283473	0.489889	312.7604	79.47154	0.804238	100	2.2
2359.304	1756.804	337.486	26.47265	0.209107	2.258528	450.6029	1257.871	0.254516	0.434281	429.4599	241.3839	2.444715	100	10.7
2359.457	1756.957	337.4904	26.2225	0.19019	2.689864	448.3239	1254.64	0.236832	0.402918	497.1444	411.9129	4.210281	100	21.3
2359.609	1757.109	337.4947	26.22315	0.182864	2.826482	452.2523	1253.313	0.230026	0.391456	522.3558	462.9018	4.731381	100	25.1
2359.761	1757.261	337.4991	26.22575	0.196107	2.333928	456.7768	1252.905	0.242394	0.422724	462.1377	330.6931	3.379764	100	16.3
2359.914	1757.414	337.5035	26.15829	0.211332	1.981588	459.3864	1250.305	0.256679	0.451195	403.1343	162.248	1.662361	100	6.8
2360.066	1757.566	337.5079	25.9517	0.239612	1.459798	458.5584	1249.584	0.283377	0.501607	296.7219	73.92271	0.763232	100	1.9
2360.219	1757.719	337.5123	25.7447	0.228922	1.68499	456.6388	1254.288	0.273284	0.473035	350.0801	97.36031	1.013048	100	3.3
2360.371	1757.871	337.5167	25.57067	0.221191	1.766196	457.2092	1260.562	0.266009	0.454571	385.5992	130.8058	1.370033	100	5.1
2360.523	1758.023	337.5211	25.35556	0.216471	1.838669	462.3644	1264.73	0.261583	0.447212	401.8623	159.407	1.683336	100	6.7
2360.676	1758.176	337.5255	25.60746	0.218927	1.803441	468.3381	1267.725	0.263914	0.453876	389.4506	136.472	1.427417	100	5.4
2360.828	1758.328	337.5298	25.67014	0.223814	1.737679	473.5843	1265.956	0.268537	0.46311	370.3278	113.0984	1.180157	100	4.1
2360.98	1758.48	337.5342	25.75275	0.210184	2.102467	469.4625	1264.52	0.255729	0.437529	423.3044	222.8452	2.318139	100	10
2361.133	1758.633	337.5386	25.7654	0.210163	2.170051	464.668	1262.792	0.255727	0.448147	408.6532	175.8837	1.828771	100	7.7
2361.285	1758.785	337.543	25.6449	0.201096	2.225668	459.1176	1253.278	0.247244	0.428629	447.2948	291.9271	3.049179	100	14.2
2361.438	1758.938	337.5474	25.63762	0.200099	1.988477	454.6676	1247.358	0.246329	0.41589	466.1381	340.6692	3.559301	100	16.7
2361.59	1759.09	337.5518	25.72115	0.20992	1.708035	451.5778	1244.052	0.255555	0.424489	441.5391	276.1104	2.875747	100	12.6
2361.743	1759.243	337.5562	25.75122	0.194599	1.950089	451.4051	1248.134	0.241224	0.386015	514.4113	447.4347	4.654899	100	22.9
2361.895	1759.395	337.5606	25.95232	0.185495	2.086952	454.8398	1256.125	0.23275	0.36709	552.2205	516.6872	5.335108	100	27.8
2362.047	1759.547	337.565	25.99574	0.187716	1.981732	460.6757	1265.75	0.234838	0.384337	525.5391	468.9541	4.834454	100	24.7
2362.2	1759.7	337.5694	25.99611	0.210827	1.580233	467.9335	1278.181	0.25648	0.437502	422.3054	219.7806	2.265711	100	9.6
2362.352	1759.852	337.5737	26.04223	0.226936	1.399667	473.1367	1288.816	0.271666	0.469862	356.6912	101.8034	1.0477	100	3.4
2362.505	1760.005	337.5781	26.06779	0.245927	1.169961	476.8101	1298.875	0.289658	0.505224	283.0637	69.75004	0.717151	100	1.6
2362.657	1760.157	337.5825	26.12269	0.254084	1.09909	477.8207	1304.539	0.297426	0.518707	253.7378	61.95132	0.635678	100	1.1
2362.809	1760.309	337.5869	26.15506	0.242445	1.313449	477.3815	1308.542	0.286392	0.490721	307.5842	77.58867	0.795187	100	2
2362.962	1760.462	337.5913	26.12078	0.236085	1.471693	475.9381	1307.65	0.280387	0.478785	332.3428	87.68126	0.899771	100	2.6
2363.114	1760.614	337.5957	25.98547	0.230314	1.564819	473.8276	1302.899	0.274948	0.473124	347.6604	95.86561	0.988719	100	3.1
2363.267	1760.767	337.6001	25.84955	0.220058	1.823976	471.6689	1292.992	0.265291	0.455618	385.146	130.1762	1.349427	100	5
2363.419	1760.919	337.6045	25.71298	0.223916	1.843134	469.4913	1278.609	0.268945	0.46123	372.3586	115.0918	1.199203	100	4.2
2363.571	1761.071	337.6088	25.44756	0.230231	1.670015	465.474	1263.19	0.274924	0.471259	350.2672	97.47864	1.025952	100	3.3
2363.724	1761.224	337.6133	25.45089	0.229061	1.55232	460.0529	1251.989	0.273838	0.466856	357.8426	102.637	1.080117	100	3.5
2363.876	1761.376	337.6176	25.45475	0.225699	1.437725	452.2057	1244.326	0.270682	0.458394	373.8747	116.643	1.227341	100	4.2
2364.029	1761.529	337.622	25.70466	0.212467	1.657969	451.0077	1237.941	0.258241	0.430092	430.0998	243.2776	2.535726	100	10.8
2364.181	1761.681	337.6264	25.95845	0.213083	1.615165	453.1945	1231.945	0.258838	0.435665	421.5859	217.5634	2.246261	100	9.4
2364.333	1761.833	337.6308	25.90923	0.206186	1.720661	454.4669	1227.712	0.252382	0.418982	453.5181	308.5261	3.191299	100	14.3
2364.486	1761.986	337.6352	25.6674	0.214513	1.459645	452.9776	1228.168	0.260219	0.4353	420.1841	212.887	2.222138	100	9.1
2364.638	1762.138	337.6396	25.64287	0.209351	1.637728	445.9554	1225.934	0.255388	0.425665	440.147	272.2156	2.844075	100	12.4
2364.791	1762.291	337.644	25.62451	0.203467	1.854176	444.2692	1226.687	0.249888	0.417155	459.4814	323.961	3.387084	100	15.6
2364.943	1762.443	337.6484	25.37497	0.210926	1.606663	446.2533	1224.692	0.256903	0.439474	418.9999	208.4531	2.200211	100	9.2
2365.095	1762.595	337.6527	25.11525	0.211352	1.478173	450.1175	1218.963	0.257322	0.438086	420.3378	213.4748	2.275836	100	9.5
2365.248	1762.748	337.6571	25.07774	0.211105	1.515217	453.184	1222.032	0.257108	0.439975	418.0262	204.9277	2.187909	100	9.1
2365.4	1762.9	337.6615	25.02744	0.214642	1.525639	454.5373	1222.924	0.260451	0.451695	397.238	149.9137	1.60369	100	6.2
2365.553	1763.053	337.6659	25.10542	0.214268	1.601145	454.8353	1231.655	0.260117	0.458254	388.6484	135.2433	1.442405	100	5.5
2365.705	1763.205	337.6703	25.05253	0.205811	1.817658	455.4766	1230.435	0.252195	0.44218	421.7624	218.1081	2.330968	100	10.2
2365.857	1763.357	337.6747	25.05299	0.19916	1.968242	456.9456	1229.877	0.245983	0.42607	452.5678	306.0244	3.27052	100	15.4
2366.01	1763.51	337.6791	24.85151	0.200886	1.922606	459.1939	1231.541	0.247616	0.425376	451.2704	302.5897	3.259305	100	15.1
2366.162	1763.662	337.6835	24.82848	0.197093	2.040927	461.3285	1236.245	0.244086	0.414424	471.2556	353.1548	3.807425	100	18.3
2366.314	1763.814	337.6878	24.80028	0.215432	1.719757	463.2115	1242.269	0.261304	0.45353	393.5291	143.1502	1.545048	100	6
2366.467	1763.967	337.6922	24.80188	0.217782	1.727816	467.444	1244.993	0.263533	0.451158	393.7264	143.4927	1.548662	100	5.9
2366.619	1764.119	337.6966	24.672	0.220234	1.758422	469.1855	1245.771	0.26586	0.45164	389.85	137.0936	1.487185	100	5.6
2366.772	1764.272	337.701	24.63082	0.220659	1.819309	470.0579	1244.385	0.266279	0.453794	386.2986	131.7921	1.432012	100	5.4
2366.924	1764.424	337.7054	24.48838	0.209211	2.146321	466.5166	1242.139	0.255531	0.442696	416.4456	199.4274	2.179197	100	9.4
2367.077	1764.577	337.7098	24.36133	0.185094	2.81176	464.9773	1238.019	0.233001	0.408574	494.6268	406.5013	4.464541	100	23.3
2367.229	1764.729	337.7142	24.14109	0.16906	3.234909	464.6769	1236.318	0.218135	0.38932	541.7128	498.4996	5.523647	100	32
2367.381	1764.881	337.7186	24.09969	0.174727	2.61169	466.7073	1235.86	0.223403	0.398465	521.8222	461.8792	5.12649	100	28.5
2367.534	1765.034	337.723	24.09294	0.19541	1.834285	469.5145	1237.874	0.242678	0.427838	454.6875	311.5886	3.459362	100	16.6
2367.686	1765.186	337.7274	24.05446	0.208437	1.618922	471.9811	1234.5	0.254897	0.441547	418.9076	208.1142	2.31418	100	9.9
2367.839	1765.339	337.7318	24.03111	0.21086	1.629786	473.3794	1227.312	0.25719	0.441638	415.6183	196.6536	2.188833	100	9.2
2367.991	1765.491	337.7361	23.99091	0.21426	1.62149	473.7317	1221.663	0.260402	0.450383	399.1156	153.6173	1.712631	100	6.8
2368.143	1765.643	337.7405	23.925	0.214889	1.627561	474.1925	1219.626	0.261013	0.45217	395.8069	147.2204	1.645741	100	6.5
2368.296	1765.796	337.7449	23.92951	0.211111	1.734975	474.3046	1222.736	0.25748	0.439677	417.9232	204.5612	2.28634	100	9.7
2368.448	1765.948	337.7493	23.94509	0.202544	1.895108	473.2933	1224.539	0.249462	0.417941	458.9841	322.6912	3.604401	100	16.7
2368.601	1766.101	337.7537	23.95685	0.212197	1.648312	469.776	1224.482	0.258537	0.431464	427.7986	236.4384	2.639734	100	11.3

2368.753	1766.253	337.7581	23.96934	0.231242	1.330592	463.5409	1220.79	0.276503	0.466265	354.9807	100.5994	1.122589	100	3.5
2368.905	1766.405	337.7625	23.99331	0.233785	1.284318	457.9849	1216.89	0.278926	0.469393	347.321	95.6611	1.066453	100	3.2
2369.058	1766.558	337.7669	23.75326	0.219847	1.490101	454.0473	1211.929	0.265789	0.446659	396.8229	149.1213	1.678847	100	6.4
2369.21	1766.71	337.7712	23.53425	0.192865	2.022371	451.5603	1207.259	0.240502	0.413791	477.0759	366.9897	4.169256	100	20.6
2369.363	1766.863	337.7757	23.29729	0.182255	2.274281	449.7903	1204.145	0.230633	0.407293	499.6625	417.2643	4.787589	100	25.3
2369.515	1767.015	337.78	23.08554	0.171318	2.608409	449.0286	1203.486	0.220499	0.399221	524.7861	467.5298	5.412522	100	30.7
2369.667	1767.167	337.7844	23.32473	0.18046	2.379724	448.7713	1206.286	0.229001	0.409945	498.2559	414.2824	4.747999	100	25.4
2369.82	1767.32	337.7888	23.3464	0.185623	2.313684	449.127	1207.071	0.233823	0.413358	486.8912	389.4806	4.459742	100	23.1
2369.972	1767.472	337.7932	23.43057	0.203092	1.838264	450.0977	1206.32	0.250159	0.438682	429.4	241.2063	2.752254	100	12.4
2370.125	1767.625	337.7976	23.47589	0.208021	1.743606	452.0081	1202.361	0.254799	0.446237	412.5699	187.0201	2.129964	100	9.1
2370.277	1767.777	337.802	23.47551	0.207637	1.786003	453.4087	1201.602	0.254457	0.443435	416.9103	201.0166	2.289426	100	9.9
2370.429	1767.929	337.8064	23.48223	0.192577	2.207169	453.5286	1203.106	0.24038	0.408912	483.9777	382.9116	4.359895	100	21.6
2370.582	1768.082	337.8108	23.48053	0.180999	2.604658	452.5489	1203.992	0.229611	0.384157	532.9997	482.8271	5.497993	100	29.5
2370.734	1768.234	337.8151	23.47074	0.176514	2.716256	452.8561	1206.165	0.225464	0.376255	549.6279	512.2694	5.835689	100	32.3
2370.887	1768.387	337.8195	23.34402	0.180817	2.574608	454.7235	1208.755	0.229479	0.385993	530.6497	478.5036	5.480018	100	29.4
2371.039	1768.539	337.8239	23.32515	0.189368	2.289267	457.7492	1212.385	0.237459	0.400753	499.2672	416.4281	4.772923	100	24.2
2371.191	1768.691	337.8283	23.29785	0.195474	2.058594	459.8221	1214.596	0.243177	0.40843	480.7826	375.6045	4.309997	100	21
2371.344	1768.844	337.8327	23.25643	0.197546	1.979473	461.226	1217.378	0.245132	0.411735	473.524	358.592	4.121991	100	19.8
2371.496	1768.996	337.8371	23.21933	0.203405	1.83032	461.5793	1220.194	0.250635	0.43309	436.4595	261.7661	3.013717	100	13.7
2371.649	1769.149	337.8415	23.30739	0.190709	2.137018	462.2151	1223.51	0.238783	0.411447	482.6838	379.9656	4.358422	100	21.8
2371.801	1769.301	337.8459	23.28208	0.190931	2.062154	463.457	1225.596	0.239008	0.413935	478.9395	371.3396	4.264047	100	21.3
2371.953	1769.453	337.8502	23.28476	0.190232	2.014543	464.8166	1226.803	0.238374	0.401721	496.6693	410.8963	4.717787	100	23.8
2372.106	1769.606	337.8547	23.2777	0.20929	1.628057	466.4507	1225.25	0.256227	0.438206	421.6816	217.859	2.502158	100	10.7
2372.258	1769.758	337.859	23.29708	0.212585	1.700334	468.0904	1220.4	0.259341	0.441103	413.3877	189.517	2.174893	100	9
2372.411	1769.911	337.8634	23.53467	0.215432	1.756149	469.7466	1211.433	0.262036	0.444214	405.3757	167.5191	1.903486	100	7.7
2372.563	1770.063	337.8678	23.57928	0.22869	1.5266	467.9404	1200.266	0.274549	0.470583	351.7183	98.41016	1.116158	100	3.6
2372.715	1770.215	337.8722	23.63852	0.222431	1.598465	461.5704	1185.816	0.268663	0.458346	376.7285	119.72	1.354541	100	4.9
2372.868	1770.368	337.8766	23.6851	0.20451	1.981608	452.7737	1173.244	0.251835	0.426156	444.3723	283.9528	3.206569	100	14.6
2373.02	1770.52	337.881	23.78251	0.178775	2.710209	445.4484	1161.301	0.227837	0.377967	543.9912	502.5078	5.651982	100	30.8
2373.173	1770.673	337.8854	23.86317	0.174714	2.418617	441.7993	1150.027	0.224085	0.385019	539.4363	494.4582	5.543147	100	30.8
2373.325	1770.825	337.8898	23.94062	0.171515	2.125088	440.0671	1142.099	0.221139	0.387684	539.8244	495.1497	5.533428	100	31.3
2373.478	1770.978	337.8942	24.0037	0.171756	2.122547	437.3306	1138.391	0.22138	0.383736	544.9401	504.1663	5.6198	100	31.8
2373.63	1771.13	337.8985	24.06524	0.18008	1.873978	432.4358	1139.483	0.229123	0.387599	528.9246	475.3028	5.284902	100	28.3
2373.782	1771.282	337.9029	24.29968	0.181295	1.758348	429.305	1138.5	0.23027	0.381593	535.6286	487.6145	5.370854	100	28.6
2373.935	1771.435	337.9073	24.35386	0.180224	1.64036	429.738	1139.012	0.229293	0.381472	537.1447	490.3521	5.389353	100	28.8
2374.087	1771.587	337.9117	24.40191	0.176689	1.735224	433.4422	1148.816	0.226027	0.375394	550.0392	512.9732	5.627216	100	30.8
2374.239	1771.739	337.9161	24.52037	0.192134	1.573163	437.4843	1169.933	0.240423	0.41272	478.6631	370.6968	4.047381	100	19.9
2374.392	1771.892	337.9205	24.77376	0.196125	1.582921	441.3573	1197.407	0.244169	0.419005	464.8197	337.4028	3.647238	100	17.4
2374.544	1772.044	337.9249	24.81451	0.179772	2.055575	446.8066	1217.047	0.228946	0.381679	537.3381	490.7	5.29592	100	28.5
2374.697	1772.197	337.9293	24.87532	0.175767	2.301219	455.3234	1238.113	0.225245	0.372485	555.1326	521.5966	5.616049	100	31.1
2374.849	1772.349	337.9337	24.98853	0.182378	2.221957	464.206	1262.321	0.231405	0.384416	530.1669	477.61	5.119848	100	27.1
2375.001	1772.501	337.938	24.87384	0.225819	1.407092	471.8001	1279.694	0.272131	0.472902	351.8539	98.49853	1.060618	100	3.4
2375.154	1772.654	337.9424	25.06975	0.246234	1.299297	476.4825	1293.28	0.291469	0.502982	283.6578	69.92304	0.74721	100	1.7
2375.306	1772.806	337.9468	25.0875	0.250683	1.377778	478.9982	1298.643	0.295711	0.511002	266.7355	65.24487	0.696746	100	1.5
2375.458	1772.958	337.9512	25.05866	0.243099	1.646761	479.8459	1306.972	0.288531	0.49992	291.9369	72.4117	0.774152	100	2
2375.611	1773.111	337.9556	25.19384	0.229868	2.025278	480.0794	1316.553	0.276027	0.47896	338.1184	90.53831	0.962908	100	3.1
2375.763	1773.263	337.96	25.26525	0.228537	2.074888	479.868	1324.176	0.274788	0.478682	340.2107	91.63657	0.971923	100	3.2
2375.916	1773.416	337.9644	25.48801	0.225257	2.118648	479.0382	1327.338	0.27171	0.474788	349.8333	97.20489	1.022248	100	3.5
2376.068	1773.568	337.9688	25.71631	0.230089	1.965905	477.3798	1327.322	0.27629	0.485508	328.7185	86.00524	0.896692	100	2.8
2376.221	1773.721	337.9732	25.96345	0.234407	1.860517	475.7923	1326.595	0.28039	0.489998	316.8644	81.038	0.837121	100	2.5
2376.373	1773.873	337.9775	26.19667	0.249111	1.563708	476.1609	1326.704	0.294346	0.516073	261.6216	63.9214	0.654624	100	1.4
2376.525	1774.025	337.9819	26.43215	0.258137	1.371385	478.4026	1326.93	0.302947	0.535036	223.5839	55.07751	0.5592	100	0.9
2376.678	1774.178	337.9863	26.66815	0.254376	1.391928	480.4052	1327.239	0.299386	0.52868	237.2692	58.07851	0.584633	100	1
2376.83	1774.33	337.9907	26.75875	0.232939	1.667921	479.5053	1327.239	0.279075	0.487459	322.1827	83.17808	0.834562	100	2.4
2376.983	1774.483	337.9951	26.6736	0.223666	1.94244	475.9025	1327.44	0.270337	0.465591	364.4185	107.795	1.084896	100	3.8
2377.135	1774.635	337.9995	26.73876	0.218094	2.176806	473.5995	1331.36	0.265105	0.451941	390.4764	138.0823	1.386465	100	5.3
2377.287	1774.787	338.0039	26.80409	0.217458	2.309648	474.2962	1334.983	0.264525	0.440519	407.0393	171.6629	1.719602	100	6.9
2377.44	1774.94	338.0083	26.8777	0.237915	1.854492	476.9345	1345.517	0.283856	0.457422	357.0362	102.0512	1.019587	100	3.2
2377.592	1775.092	338.0126	26.9435	0.25378	1.565191	479.1237	1344.435	0.298929	0.478997	306.4627	77.1932	0.769422	100	1.8
2377.745	1775.245	338.0171	26.74188	0.247717	1.679698	480.4759	1347.28	0.293186	0.490712	298.2213	74.40832	0.747065	100	1.9
2377.897	1775.397	338.0214	26.8355	0.228609	2.122664	481.7259	1347.714	0.275111	0.479669	338.4032	90.68572	0.907434	100	2.9
2378.049	1775.549	338.0258	26.81661	0.21513	2.490247	483.8607	1350.354	0.262426	0.463739	377.8923	121.0374	1.211977	100	4.7
2378.202	1775.702	338.0302	26.79361	0.231984	2.0204	485.6575	1352.308	0.278336	0.480883	332.2786	87.65085	0.878404	100	2.7
2378.354	1775.854	338.0346	26.72686	0.237453	1.912574	486.3824	1354.029	0.283528	0.487207	316.3858	80.85171	0.812226	100	2.3
2378.507	1776.007	338.039	26.68276	0.254146	1.650674	485.4411	1356.064	0.299386	0.520534	248.5105	60.68837	0.610645	100	1.2
2378.659	1776.159	338.0434	26.61894	0.25168	1.752374	483.4462	1359.367	0.297059	0.513007	262.1082	64.04572	0.645925	100	1.4
2378.812	1776.312	338.0478	26.58366	0.249855	1.805764	481.5695	1364.672	0.295344	0.507358	272.2722	66.72205	0.673785	100	1.6
2378.964	1776.464	338.0522	26.55098	0.246542	1.820239	480.5826	1371.752	0.292216	0.498894	288.2679	71.29031	0.720779	100	1.8
2379.116	1776.616	338.0565	26.35888	0.250077	1.672021	479.9846	1369.976	0.295592	0.503854	276.7653	67.95748	0.691927	100	1.6
2379.269	1776.769	338.0609	26.34678	0.24481	1.698148	479.3305	1360.002	0.29061	0.489043	304.08	76.36674	0.7779	100	2
2379.421	1776.921	338.0653	26.34222	0.235093	1.821629	478.9035	1355.249	0.281422	0.468468	345.1521	94.38204	0.96158	100	3
2379.573	1777.073	338.0697	26.25141	0.223805	2.08548	479.0388	1353.194	0.270778	0.450153	385.1155	130.1341	1.330274	100	4.9
2379.726	1777.226	338.0741	26.06108	0.234191	1.867037	479.8237	1354.32	0.280605	0.484272	324.4711	84.14149	0.866206	100	2.6
2379.878	1777.378	338.0785	26.06231	0.230619	1.987754	479.6684	1363.502	0.277247	0.48287	331.0399	87.0691	0.896312	100	2.8
2380.031	1777.531	338.0829	26.03315	0.23154	2.003867	478.9588	1371.413	0.278135	0.487077	324.0074	83.94408	0.865087	100	2.7
2380.183	1777.683	338.0873	25.91956	0.234213	2.026249	478.4572	1373.71	0.280681	0.488376	318.7016	81.76248	0.846186	100	2.5
2380.335	1777.835	338.0916	26.00512	0.233278	2.09578	481.6295	1379.013	0.279814	0.48339	326.7785	85.14122	0.878355	100	2.7
2380.488	1777.988	338.0961	25.90059	0.225812	2.334492	488.3206	1378.212	0.27278	0.460108	368.6144	111.4876	1.154661	100	4.1
2380.64	1778.14	338.1004	25.90588	0.205185	3.125616	493.4409	1375.731	0.253397	0.398429	480.48	374.9068	3.88212	100	18.2
2380.792	1778.292	338.1048	25.97202	0.196939	2.562414	494.31	1361.514	0.245695	0.353023	553.7693	519.3052	5.364137	100	26.4

2380.945	1778.445	338.1092	25.88444	0.205373	2.840707	490.1758	1356.543	0.25361	0.374906	512.6476	443.9288	4.600605	100	21.6
2381.097	1778.597	338.1136	25.85821	0.219704	2.421738	483.8036	1356.927	0.267095	0.429501	418.6981	207.349	2.150968	100	8.8
2381.25	1778.75	338.118	25.79475	0.213518	2.626189	480.6974	1367.553	0.261293	0.429411	426.8289	233.532	2.428377	100	10.5
2381.402	1778.902	338.1224	25.67008	0.21724	2.791767	479.3767	1373.542	0.264811	0.449213	394.6461	145.1138	1.516078	100	6.1
2381.555	1779.055	338.1268	25.47737	0.223882	2.635812	478.6701	1375.335	0.271087	0.466806	361.7072	105.5821	1.11117	100	4.1
2381.707	1779.207	338.1312	25.31158	0.240921	2.125658	478.5782	1368.839	0.287213	0.503784	288.4237	71.33731	0.755548	100	2.1
2381.859	1779.359	338.1355	25.16151	0.235406	2.317463	478.9896	1363.885	0.282009	0.494258	308.7522	78.0051	0.83096	100	2.5
2382.012	1779.512	338.1399	25.07456	0.238626	2.1522	480.0064	1360.552	0.285075	0.500685	295.6518	73.57974	0.786466	100	2.3
2382.164	1779.664	338.1443	25.08257	0.236212	2.111073	480.5224	1361.303	0.282808	0.49089	312.2976	79.29912	0.847343	100	2.5
2382.317	1779.817	338.1487	25.11884	0.248531	1.751835	480.7588	1364.01	0.294504	0.505279	276.2986	67.82754	0.723754	100	1.8
2382.469	1779.969	338.1531	25.27594	0.24673	1.77527	480.7741	1371.332	0.292813	0.492929	295.6769	73.58775	0.780486	100	2
2382.621	1780.121	338.1575	25.47251	0.219221	2.429719	480.7896	1368.319	0.266821	0.433407	413.6854	190.4414	2.004746	100	8.2
2382.774	1780.274	338.1619	25.55888	0.200627	3.016938	480.8018	1368.077	0.249381	0.415588	462.3432	331.2102	3.4752	100	16.5
2382.926	1780.426	338.1663	25.51576	0.205952	2.783624	480.5921	1366.547	0.254389	0.441409	419.7983	211.4248	2.222016	100	9.9
2383.079	1780.579	338.1707	25.59705	0.227121	2.073685	480.0463	1366.205	0.274325	0.489798	325.5103	84.58809	0.886267	100	2.8
2383.231	1780.731	338.1751	25.52271	0.230667	1.998939	479.0051	1365.302	0.277691	0.490472	319.9344	82.25719	0.864288	100	2.7
2383.383	1780.883	338.1794	25.74586	0.237916	1.784608	478.5228	1366.689	0.284566	0.505416	289.8254	71.76258	0.747689	100	2
2383.536	1781.036	338.1838	25.78898	0.237806	1.801408	478.8791	1368.309	0.28448	0.504229	291.5813	72.30165	0.752091	100	2
2383.688	1781.188	338.1882	25.87284	0.23195	1.923021	479.7776	1369.81	0.278958	0.489758	319.1726	81.95066	0.849792	100	2.6
2383.841	1781.341	338.1926	25.83276	0.230941	1.96076	479.8436	1372.109	0.278023	0.483532	329.0535	86.15673	0.894758	100	2.8
2383.993	1781.493	338.197	25.95862	0.2276	1.967987	478.965	1370.597	0.274885	0.472563	348.5212	96.38998	0.99634	100	3.3
2384.146	1781.646	338.2014	25.96057	0.22639	1.961059	477.9752	1369.695	0.273761	0.465689	359.5583	103.9157	1.074062	100	3.7
2384.298	1781.798	338.2058	25.9729	0.228294	1.93463	477.3833	1370.279	0.275577	0.469469	351.8362	98.48701	1.017492	100	3.4
2384.45	1781.95	338.2102	25.93171	0.242499	1.676007	477.4017	1370.379	0.289036	0.500815	290.0063	71.81779	0.743114	100	1.9
2384.603	1782.103	338.2146	26.10839	0.230483	1.895438	477.6382	1372.091	0.277681	0.478663	336.2461	89.58519	0.920892	100	2.9
2384.755	1782.255	338.2189	26.20013	0.227229	1.953594	477.6474	1368.014	0.274626	0.473816	347.1491	95.55793	0.978969	100	3.2
2384.907	1782.407	338.2233	26.23778	0.228045	1.906966	476.8212	1364.321	0.275414	0.476774	341.9799	92.59406	0.947296	100	3.1
2385.06	1782.56	338.2277	26.25841	0.238952	1.695098	475.7263	1357.799	0.285746	0.498988	297.066	74.0336	0.756842	100	2
2385.212	1782.712	338.2321	26.27427	0.218738	2.200941	475.1288	1356.627	0.266676	0.456309	382.2807	126.3632	1.291061	100	4.9
2385.365	1782.865	338.2365	26.33303	0.228461	2.030713	474.9231	1360.026	0.275862	0.480646	336.0195	89.47166	0.912173	100	2.9
2385.517	1783.017	338.2409	26.35771	0.220327	2.251956	474.9384	1367.743	0.268209	0.465053	368.0986	111.0148	1.130793	100	4.1
2385.669	1783.169	338.2453	26.19911	0.225994	2.050137	474.9538	1372.054	0.273569	0.47584	345.8159	94.76841	0.970968	100	3.2
2385.822	1783.322	338.2497	26.21614	0.234705	1.819384	474.9721	1367.309	0.281817	0.492676	311.1994	78.89332	0.807816	100	2.3
2385.974	1783.474	338.2541	26.21553	0.246297	1.596017	475.2148	1370.5	0.292819	0.516738	262.8116	64.22602	0.657653	100	1.5
2386.126	1783.626	338.2584	26.28513	0.236782	1.770951	476.084	1366.038	0.28382	0.499766	298.6521	74.54899	0.761408	100	2.1
2386.279	1783.779	338.2628	26.37823	0.225729	1.956667	478.3937	1372.277	0.273391	0.47991	340.4443	91.76147	0.934017	100	3.1
2386.431	1783.931	338.2672	26.47834	0.219034	2.235806	481.8712	1374.829	0.2671	0.469365	363.6784	107.1781	1.086961	100	4
2386.584	1784.084	338.2716	26.46632	0.224524	2.293474	486.0722	1378.416	0.272291	0.479804	342.1088	92.66489	0.940194	100	3.2
2386.736	1784.236	338.276	26.45616	0.223512	2.578649	489.1499	1389.868	0.271355	0.473495	352.1077	98.66445	1.001447	100	3.6
2386.889	1784.389	338.2804	26.51228	0.232191	2.348474	491.3349	1399.404	0.279567	0.482112	328.8837	86.07984	0.871933	100	2.8
2387.041	1784.541	338.2848	26.53389	0.230057	2.506459	492.1261	1418.878	0.277569	0.470728	347.3504	95.67876	0.968409	100	3.3
2387.193	1784.693	338.2892	26.54018	0.256469	1.857939	492.1906	1428.292	0.302632	0.520354	244.2797	59.68971	0.604014	100	1.2
2387.346	1784.846	338.2936	26.5497	0.267404	1.697435	491.6991	1433.136	0.313069	0.543324	198.1772	49.95172	0.505302	100	0.7
2387.498	1784.998	338.2979	26.54887	0.257689	1.864745	490.5995	1425.484	0.303829	0.523675	238.0446	58.25414	0.589311	100	1.2
2387.651	1785.151	338.3023	26.60146	0.264981	1.754487	489.8961	1424.581	0.310795	0.539162	207.0592	51.68257	0.521837	100	0.8
2387.803	1785.303	338.3067	26.51345	0.248538	2.171386	489.807	1426.802	0.295164	0.509455	269.6252	66.00986	0.668643	100	1.7
2387.955	1785.455	338.3111	26.29068	0.247285	2.208184	490.8882	1434.403	0.293993	0.515505	262.8935	64.24705	0.656124	100	1.6
2388.108	1785.608	338.3155	26.168	0.234084	2.494623	492.4651	1431.049	0.281502	0.491828	312.8039	79.48777	0.81546	100	2.6
2388.26	1785.76	338.3199	26.29047	0.240713	2.214899	493.3123	1428.889	0.287796	0.502825	288.9434	71.49448	0.730158	100	2
2388.413	1785.913	338.3243	26.40999	0.238507	2.293289	493.7722	1429.08	0.285724	0.492876	305.5326	76.8684	0.781611	100	2.3
2388.565	1786.065	338.3287	26.60983	0.252998	2.002012	493.8981	1429.463	0.299492	0.522283	245.9511	60.08178	0.606491	100	1.3
2388.717	1786.217	338.333	26.39928	0.263111	1.882945	494.1346	1430.106	0.309138	0.540363	207.6881	51.80752	0.527003	100	0.9
2388.87	1786.37	338.3375	26.39737	0.275203	1.689245	493.9258	1431.893	0.3207	0.564293	158.7091	42.96066	0.437045	100	0.4
2389.022	1786.522	338.3418	26.54265	0.262151	1.942287	493.8306	1434.536	0.308259	0.542434	206.0438	51.4815	0.520961	100	0.9
2389.175	1786.675	338.3462	26.66792	0.261965	1.945806	493.7414	1436.043	0.3081	0.547251	199.6153	50.22774	0.505971	100	0.9
2389.327	1786.827	338.3506	26.78893	0.252385	2.128952	494.3741	1435.165	0.299	0.529472	236.7088	57.95196	0.581239	100	1.3
2389.479	1786.979	338.355	26.90956	0.263922	1.839192	495.6373	1433.672	0.310002	0.548538	195.2154	49.38827	0.493208	100	0.8
2389.632	1787.132	338.3594	27.13724	0.254757	1.962692	498.0923	1430.241	0.301292	0.527145	236.7568	57.96279	0.574155	100	1.2
2389.784	1787.284	338.3638	27.37796	0.25687	1.873042	499.3252	1423.334	0.30332	0.530085	229.9003	56.43995	0.554335	100	1.1
2389.937	1787.437	338.3682	27.17314	0.242891	2.218585	499.4388	1418.188	0.290059	0.507285	279.6658	68.77377	0.680387	100	1.8
2390.089	1787.589	338.3726	27.06076	0.260415	1.899097	497.8169	1413.308	0.306732	0.543159	207.151	51.70078	0.513535	100	0.9
2390.241	1787.741	338.3769	27.0125	0.257755	2.066128	494.0852	1415.229	0.304217	0.536164	220.2744	54.37844	0.541068	100	1.1
2390.394	1787.894	338.3813	26.95977	0.249	2.31558	489.4179	1406.196	0.29591	0.514863	261.1328	63.79684	0.635985	100	1.6
2390.546	1788.046	338.3857	26.9322	0.229497	2.612224	485.1411	1392.456	0.277456	0.478845	336.3045	89.6145	0.894249	100	3
2390.699	1788.199	338.3901	26.9097	0.217035	2.817002	482.5427	1380.986	0.265725	0.456296	383.612	128.0997	1.279329	100	5
2390.851	1788.351	338.3945	26.90441	0.221059	2.421343	481.3939	1385.2	0.269531	0.46833	361.751	105.6168	1.055002	100	3.8
2391.003	1788.503	338.3989	27.10798	0.221278	2.338438	481.4123	1388.043	0.269756	0.469955	359.1988	103.6441	1.027802	100	3.7
2391.156	1788.656	338.4033	27.0819	0.220263	2.333411	481.5382	1390.047	0.268818	0.470925	359.1555	103.6115	1.028442	100	3.7
2391.308	1788.808	338.4077	27.10262	0.225353	2.200492	481.6673	1375.119	0.273635	0.478604	341.9107	92.55613	0.918038	100	3.1
2391.46	1788.96	338.412	27.06947	0.233047	2.0456	481.9681	1370.064	0.280919	0.491588	313.9403	79.91486	0.793596	100	2.4
2391.613	1789.113	338.4165	27.05041	0.237394	2.007725	482.8833	1370.581	0.28505	0.499223	297.7044	74.24021	0.737751	100	2.1
2391.765	1789.265	338.4208	27.07138	0.220797	2.373689	484.7999	1375.659	0.269393	0.463939	368.0023	110.9272	1.101508	100	4
2391.918	1789.418	338.4252	27.08595	0.212038	2.694925	487.0421	1379.116	0.26117	0.439988	412.4021	186.5155	1.851155	100	7.9
2392.07	1789.57	338.4296	27.15287	0.220347	2.399989	488.673	1381.513	0.269005	0.454407	381.6917	125.6136	1.243754	100	4.7
2392.223	1789.723	338.434	27.20697	0.210801	2.873802	489.462	1384.022	0.260045	0.432278	424.5954	226.7823	2.241181	100	9.8
2392.375	1789.875	338.4384	27.21337	0.208945	3.006869	489.3609	1386.597	0.25832	0.430707	429.1432	240.4443	2.375677	100	10.6
2392.527	1790.027	338.4428	27.40441	0.214465	2.966429	488.7097	1386.588	0.263524	0.442694	405.4196	167.6258	1.645086	100	6.9
2392.68	1790.18	338.4472	27.29692	0.219331	2.897977	488.6174	1391.532	0.268121	0.449683	389.4306	136.441	1.344131	100	5.3
2392.832	1790.332	338.4516	27.2492	0.223408	2.883646	489.1366	1398.782	0.27198	0.454282	377.7583	120.8838	1.192892	100	4.5
2392.985	1790.485	338.456	27.13125	0.226303	2.719299	489.7621	1413.893	0.274729	0.460102	365.9327	109.0882	1.081015	100	3.9

2393.137	1790.637	338.4603	27.02069	0.231938	2.524418	489.8828	1415.779	0.28007	0.475174	337.7637	90.35567	0.898927	100	3
2393.29	1790.79	338.4648	27.12518	0.236918	2.383571	489.0013	1408.285	0.284798	0.488714	312.5534	79.39433	0.786945	100	2.4
2393.442	1790.942	338.4691	27.37309	0.227153	2.648891	487.8382	1409.989	0.275586	0.468123	353.6816	99.71132	0.9797	100	3.4
2393.594	1791.094	338.4735	27.50117	0.238265	2.267027	486.58	1405.232	0.28611	0.492845	305.0427	76.69845	0.750214	100	2.2
2393.747	1791.247	338.4779	27.5004	0.246747	2.038663	486.0404	1409.317	0.294169	0.509261	271.266	66.45001	0.649993	100	1.6
2393.899	1791.399	338.4823	27.50115	0.241889	2.125324	485.8345	1415.021	0.289579	0.495615	296.4326	73.82967	0.722166	100	2
2394.051	1791.551	338.4867	27.60225	0.239485	2.184931	486.0772	1411.387	0.287319	0.48749	310.7629	78.73329	0.76742	100	2.2
2394.204	1791.704	338.4911	27.59601	0.250775	1.940301	486.6544	1400.501	0.298048	0.502859	274.7477	67.39844	0.657087	100	1.6
2394.356	1791.856	338.4955	27.3674	0.270201	1.592562	487.6663	1387.548	0.316571	0.532243	208.637	51.99667	0.511015	100	0.7
2394.509	1792.009	338.4999	27.2557	0.264157	1.664778	487.7233	1374.996	0.310822	0.519678	233.9103	57.32485	0.56561	100	1
2394.661	1792.161	338.5042	27.05658	0.242525	2.061514	485.8773	1363.526	0.290272	0.485474	309.4707	78.26362	0.777696	100	2.2
2394.813	1792.313	338.5086	27.03145	0.227918	2.409956	481.5788	1352.568	0.276471	0.474017	344.327	93.90781	0.933995	100	3.2
2394.966	1792.466	338.513	26.84723	0.222772	2.57586	476.8072	1343.918	0.271634	0.472997	352.4087	98.86225	0.989794	100	3.5
2395.118	1792.618	338.5174	26.66691	0.216538	2.740474	473.1	1336.942	0.26578	0.465078	371.4149	114.1537	1.150365	100	4.4
2395.271	1792.771	338.5218	26.73035	0.213037	2.859977	471.6164	1336.615	0.262506	0.461569	380.7766	124.4711	1.251471	100	5
2395.423	1792.923	338.5262	26.78224	0.210072	2.963305	471.3521	1339.328	0.259738	0.454026	395.0054	145.7587	1.462772	100	6.2
2395.575	1793.075	338.5306	26.82785	0.221589	2.552471	471.0328	1342.903	0.270591	0.471552	355.8428	101.2012	1.013953	100	3.7
2395.728	1793.228	338.535	26.88483	0.220303	2.463363	470.4859	1335.241	0.269397	0.463546	368.5378	111.4171	1.114032	100	4.1
2395.88	1793.38	338.5393	26.90806	0.225279	2.295792	469.6106	1346.542	0.274106	0.471279	351.3684	98.1833	0.980901	100	3.4
2396.033	1793.533	338.5438	26.9864	0.212516	2.59604	469.1375	1349.707	0.262107	0.446733	401.8015	159.2737	1.586778	100	6.6
2396.185	1793.685	338.5481	27.01335	0.209616	2.670084	470.4017	1349.424	0.259401	0.442558	411.2964	183.2537	1.823939	100	7.8
2396.337	1793.837	338.5525	27.02422	0.209277	2.593361	473.4896	1335.587	0.259101	0.44088	414.0266	191.5116	1.905406	100	8.2
2396.49	1793.99	338.5569	26.97558	0.214107	2.598502	477.5193	1333.414	0.263657	0.450686	394.2074	144.3353	1.438548	100	5.8
2396.642	1794.142	338.5613	27.00981	0.228703	2.362034	480.821	1342.468	0.277428	0.485108	327.6999	85.54884	0.851604	100	2.8
2396.795	1794.295	338.5657	26.97987	0.245468	2.049048	483.1277	1356.826	0.293316	0.518418	259.8061	63.46041	0.632405	100	1.5
2396.947	1794.447	338.5701	26.93518	0.234178	2.32817	485.3815	1373.404	0.282639	0.490958	312.437	79.35095	0.792033	100	2.4
2397.099	1794.599	338.5745	26.83633	0.221155	2.674068	488.8651	1385.859	0.270362	0.450615	385.0512	130.0455	1.302664	100	5
2397.252	1794.752	338.5789	26.75793	0.222427	2.737038	492.4371	1391.137	0.271579	0.444464	391.8609	140.3284	1.409659	100	5.5
2397.404	1794.904	338.5832	26.70256	0.246202	2.107719	493.7646	1386.883	0.294084	0.495111	290.9101	72.09474	0.72568	100	1.9
2397.557	1795.057	338.5876	26.83458	0.254814	1.999719	492.2968	1381.442	0.302285	0.515455	251.5189	61.41118	0.61521	100	1.4
2397.709	1795.209	338.592	26.79419	0.256719	1.935813	487.2769	1380.073	0.304115	0.528321	231.2383	56.73346	0.569182	100	1.1
2397.861	1795.361	338.5964	26.58844	0.257319	2.034754	480.1879	1378.242	0.304704	0.536409	219.2632	54.16683	0.5475	100	1.1
2398.014	1795.514	338.6008	26.62342	0.241139	2.315582	471.511	1371.449	0.289355	0.511882	274.2931	67.27346	0.67912	100	1.8
2398.166	1795.666	338.6052	26.85966	0.239941	2.13621	465.3128	1359.987	0.288238	0.509929	278.5294	68.45212	0.68515	100	1.8
2398.319	1795.819	338.6096	27.06391	0.227679	2.159337	464.4326	1357.375	0.276659	0.485667	327.9892	85.67782	0.851323	100	2.7
2398.471	1795.971	338.614	27.09986	0.21956	1.978925	470.2331	1360.97	0.269022	0.467872	363.087	106.6922	1.05878	100	3.8
2398.624	1796.124	338.6184	27.1112	0.215389	1.758103	480.2338	1377.5	0.265114	0.468198	368.0292	110.9516	1.100615	100	4
2398.776	1796.276	338.6227	26.99953	0.228439	1.500859	488.8905	1397.62	0.277431	0.495506	313.3482	79.69168	0.793686	100	2.3
2398.928	1796.428	338.6271	26.94471	0.245306	1.679345	493.7204	1417.476	0.293414	0.526836	248.054	60.57962	0.604531	100	1.3
2399.081	1796.581	338.6315	26.81923	0.240772	2.284421	495.0625	1409.722	0.289134	0.509345	278.0997	68.33111	0.684971	100	1.9
2399.233	1796.733	338.6359	26.61106	0.252352	2.32376	494.6263	1412.862	0.300142	0.531273	232.6473	57.04443	0.576158	100	1.3
2399.385	1796.885	338.6403	26.72681	0.248984	2.580081	493.582	1403.872	0.29696	0.525468	245.0498	59.86996	0.60217	100	1.5
2399.538	1797.038	338.6447	26.93773	0.248278	2.494639	492.8754	1402.718	0.296307	0.52049	252.8201	61.72719	0.616158	100	1.6
2399.69	1797.19	338.6491	27.16283	0.235883	2.655049	492.6757	1398.381	0.284576	0.495191	303.9206	76.3121	0.755655	100	2.3
2399.843	1797.343	338.6535	27.40643	0.247648	2.194262	493.465	1396.525	0.295745	0.519135	255.4655	62.37611	0.612368	100	1.5
2399.995	1797.495	338.6579	27.61254	0.257051	1.904102	493.1302	1399.246	0.304701	0.542581	210.7506	52.42068	0.510933	100	0.9
2400.147	1797.647	338.6622	27.53718	0.237675	2.413066	491.1262	1402.681	0.286326	0.504399	288.7996	71.45093	0.698259	100	2
2400.3	1797.8	338.6666	27.57183	0.229824	2.764658	488.354	1409.509	0.278919	0.488136	321.464	82.88102	0.808987	100	2.7
2400.452	1797.952	338.671	27.49591	0.235569	2.673689	485.5928	1404.554	0.284369	0.49415	305.6439	76.90714	0.752681	100	2.3
2400.604	1798.104	338.6754	27.41166	0.248803	2.356332	484.9568	1404.452	0.296932	0.520975	251.2882	61.35535	0.602261	100	1.5
2400.757	1798.257	338.6798	27.32173	0.242707	2.362299	486.732	1403.323	0.291166	0.516435	265.5113	64.9246	0.639325	100	1.7
2400.909	1798.409	338.6842	27.21842	0.253791	1.966351	491.2705	1404.781	0.301708	0.541177	216.8187	53.65897	0.530329	100	1
2401.062	1798.562	338.6886	27.09984	0.258214	1.759302	497.3591	1404.706	0.305934	0.541483	210.5651	52.38332	0.519912	100	0.9
2401.214	1798.714	338.693	27.02022	0.26079	1.755993	501.0172	1406.534	0.308405	0.528031	225.7183	55.53371	0.552753	100	1
2401.367	1798.867	338.6974	27.14957	0.264143	1.707057	499.0712	1401.541	0.31162	0.532373	215.2904	53.34411	0.528521	100	0.9
2401.519	1799.019	338.7017	27.17327	0.236709	2.265276	492.2755	1388.235	0.285574	0.489984	309.7305	78.35758	0.775702	100	2.3
2401.671	1799.171	338.7061	27.16462	0.217417	2.885812	484.5631	1370.894	0.267382	0.465884	368.0936	111.0103	1.099296	100	4.2
2401.824	1799.324	338.7105	27.33926	0.223485	2.817224	479.4123	1357.978	0.273116	0.478987	342.0973	92.65859	0.911917	100	3.2
2401.976	1799.476	338.7149	27.28689	0.216683	2.934586	477.8181	1347	0.266727	0.459166	378.2678	121.4706	1.197699	100	4.7
2402.129	1799.629	338.7193	27.44651	0.216023	2.75909	477.5048	1341.209	0.266124	0.456799	382.3671	126.4741	1.240049	100	4.9
2402.281	1799.781	338.7237	27.51788	0.214295	2.625994	477.839	1330.573	0.264517	0.458415	382.3541	126.4574	1.236796	100	4.9
2402.433	1799.933	338.7281	27.55314	0.218374	2.515614	476.4481	1324.808	0.268373	0.469225	362.1156	105.9073	1.03454	100	3.8
2402.586	1800.086	338.7325	27.62908	0.212247	2.68674	473.5485	1316.503	0.262628	0.451263	394.831	145.4449	1.417006	100	5.8
2402.738	1800.238	338.7369	27.68295	0.211092	2.817463	469.2993	1315.821	0.26156	0.447691	401.2338	158.0412	1.536853	100	6.4
2402.891	1800.391	338.7413	27.46793	0.200208	3.153165	464.589	1313.375	0.251373	0.428658	441.5574	276.1611	2.705776	100	12.8
2403.043	1800.543	338.7456	27.56006	0.188435	3.634596	460.3041	1306.214	0.240394	0.417246	472.4569	356.0416	3.477217	100	17.8
2403.195	1800.695	338.75	27.65969	0.176914	3.820496	456.3758	1299.514	0.229695	0.399327	511.9503	442.5352	4.306974	100	23.7
2403.348	1800.848	338.7544	27.74267	0.170209	3.814563	454.9536	1293.79	0.223496	0.37897	548.5968	510.4999	4.954166	100	28.5
2403.5	1801	338.7588	27.61297	0.161881	2.539119	455.3375	1297.405	0.215816	0.339902	613.1086	609.2899	5.939683	100	35.9
2403.653	1801.153	338.7632	27.43322	0.161454	3.900916	459.7265	1304.044	0.21544	0.324075	635.4694	638.9157	6.267881	100	38.3
2403.805	1801.305	338.7676	27.40656	0.167573	3.637131	466.6894	1333.713	0.221111	0.343568	600.7438	592.0156	5.813279	100	34.1
2403.958	1801.458	338.772	27.29735	0.196012	2.554869	476.306	1353.651	0.247575	0.421989	456.0022	315.0107	3.105201	100	15
2404.11	1801.61	338.7764	27.29845	0.221606	1.919761	485.6349	1368.239	0.271614	0.477792	345.8192	94.77034	0.934165	100	3.1
2404.262	1801.762	338.7807	27.24366	0.231953	1.891489	491.9673	1371.523	0.281398	0.492342	312.2384	79.27713	0.782969	100	2.3
2404.415	1801.915	338.7852	27.29532	0.241878	1.82791	493.466	1379.799	0.290811	0.50065	287.7844	71.14478	0.701374	100	1.8
2404.567	1802.067	338.7895	27.4742	0.260381	1.742111	491.6845	1390.682	0.308411	0.525338	229.4265	56.33644	0.551904	100	1
2404.719	1802.219	338.7939	27.24807	0.260428	1.905838	488.6776	1409.842	0.308474	0.520313	236.2746	57.85415	0.571314	100	1.1
2404.872	1802.372	338.7983	27.00006	0.27046	1.730136	485.5894	1429.097	0.31806	0.540788	194.7891	49.30772	0.491238	100	0.7
2405.024	1802.524	338.8027	26.75495	0.263789	1.726185	484.5032	1427.915	0.311713	0.5284	220.6445	54.45613	0.547337	100	0.9
2405.177	1802.677	338.8071	26.50993	0.255471	1.818441	485.6549	1409.653	0.303809	0.506325	262.0159	64.02211	0.649241	100	1.4

2405.329	1802.829	338.8115	26.27091	0.230106	2.377784	489.3717	1409.839	0.279778	0.444703	380.2169	123.7853	1.266357	100	4.5
2405.481	1802.981	338.8159	26.31543	0.216122	2.736927	493.4417	1423.042	0.266612	0.425369	425.0665	228.2125	2.330872	100	9.9
2405.634	1803.134	338.8203	26.27248	0.226755	2.365892	495.901	1451.288	0.27665	0.458301	365.7679	108.9454	1.114496	100	4
2405.786	1803.286	338.8246	26.41078	0.246087	1.853423	497.363	1457.359	0.294964	0.501089	281.4466	69.28265	0.705165	100	1.8
2405.938	1803.438	338.829	26.45217	0.262601	1.671196	497.9464	1461.935	0.310688	0.524524	227.4069	55.89762	0.568074	100	1
2406.091	1803.591	338.8334	26.61738	0.238262	2.404948	499.7554	1454.03	0.287582	0.474328	328.5639	85.93559	0.868105	100	2.7
2406.243	1803.743	338.8378	26.7986	0.241807	2.629204	502.2822	1455.83	0.290959	0.485768	308.1165	77.77785	0.780566	100	2.3
2406.396	1803.896	338.8422	26.90393	0.231022	3.074792	505.247	1450.843	0.28077	0.460428	357.1476	102.1316	1.021107	100	3.6
2406.548	1804.048	338.8466	26.972	0.236721	2.862042	506.626	1441.185	0.286177	0.465877	342.166	92.69641	0.924523	100	3.1
2406.701	1804.201	338.851	26.76166	0.245495	2.536653	503.7917	1438.689	0.29451	0.478233	313.6156	79.7923	0.801873	100	2.4
2406.853	1804.353	338.8554	26.71606	0.263274	2.094532	496.6099	1420.239	0.311437	0.516108	237.9879	58.24127	0.586266	100	1.2
2407.005	1804.505	338.8597	26.52222	0.278783	1.852533	487.3187	1421.206	0.326268	0.551618	168.5176	44.59824	0.452111	100	0.5
2407.158	1804.658	338.8642	26.4341	0.26094	2.350291	480.7241	1403.946	0.309249	0.52133	233.8019	57.30074	0.58276	100	1.3
2407.31	1804.81	338.8685	26.42393	0.231142	3.16675	478.4973	1405.23	0.280991	0.466165	348.9251	96.6388	0.983211	100	3.5
2407.463	1804.963	338.8729	26.29278	0.211258	3.709068	481.5194	1386.366	0.262273	0.431047	423.2185	222.5825	2.275528	100	10.1
2407.615	1805.115	338.8773	26.38938	0.211424	3.060098	484.3192	1384.712	0.262447	0.442638	406.9824	171.5179	1.747278	100	7.5
2407.767	1805.267	338.8817	26.38397	0.210421	3.102262	486.3353	1389.712	0.261523	0.447069	402.1437	160.0264	1.630552	100	7
2407.92	1805.42	338.8861	26.28655	0.212339	2.945873	486.8542	1404.979	0.263343	0.451727	393.2035	142.5893	1.458106	100	6
2408.072	1805.572	338.8905	26.19357	0.220923	2.68399	487.4958	1417.161	0.271438	0.465248	363.3737	106.927	1.097196	100	4.1
2408.225	1805.725	338.8949	26.17332	0.241211	2.122437	489.1945	1430.937	0.290626	0.500843	287.7729	71.14134	0.730547	100	2
2408.377	1805.877	338.8993	26.11479	0.239275	2.187433	492.1768	1436.932	0.28881	0.488302	307.586	77.5893	0.798498	100	2.3
2408.529	1806.029	338.9036	26.04265	0.234588	2.334388	496.2587	1439.963	0.284392	0.474066	333.3278	88.15163	0.909642	100	2.9
2408.682	1806.182	338.908	25.96546	0.245024	2.050962	499.0905	1437.997	0.294296	0.491931	295.0056	73.37411	0.759341	100	2
2408.834	1806.334	338.9124	25.87208	0.245083	2.158999	498.2409	1425.01	0.29437	0.489924	297.6743	74.23045	0.770899	100	2.1
2408.987	1806.487	338.9168	25.96951	0.248578	2.107916	493.4941	1427.175	0.297705	0.502024	276.3744	67.8486	0.702064	100	1.8
2409.139	1806.639	338.9212	26.0833	0.235027	2.609189	487.0625	1411.736	0.284879	0.479529	325.1182	84.4189	0.869839	100	2.8
2409.292	1806.792	338.9256	26.06442	0.235582	2.563703	484.3876	1414.47	0.285421	0.486922	314.1658	80.00021	0.824896	100	2.6
2409.444	1806.944	338.93	25.9439	0.223665	2.733533	486.7281	1407.484	0.274183	0.463371	362.1755	105.9552	1.097452	100	4
2409.596	1807.096	338.9344	25.84171	0.239098	2.11405	492.9839	1421.294	0.288786	0.499696	291.8944	72.39853	0.752765	100	2.1
2409.749	1807.249	338.9388	25.72019	0.237346	2.017339	498.6629	1417.223	0.287145	0.501133	292.1771	72.48618	0.757138	100	2.1
2409.901	1807.401	338.9431	25.56573	0.248663	1.871731	500.3152	1416.235	0.297893	0.522612	247.7037	60.49632	0.635613	100	1.4
2410.053	1807.553	338.9475	25.58753	0.264989	1.676923	497.4066	1400.654	0.313448	0.549476	189.1649	48.25788	0.506613	100	0.7
2410.206	1807.706	338.9519	25.62758	0.273864	1.620349	492.0859	1401.627	0.32194	0.560304	162.5034	43.58675	0.456885	100	0.5
2410.358	1807.858	338.9563	25.6599	0.256273	1.923621	488.7142	1403.181	0.305181	0.524706	234.7553	57.51336	0.602135	100	1.3
2410.511	1808.011	338.9607	25.70216	0.230199	2.537991	488.6925	1407.137	0.280476	0.481783	328.0837	85.72008	0.89602	100	3
2410.663	1808.163	338.9651	25.74542	0.224365	2.70134	491.1203	1406.46	0.274986	0.480425	337.5336	90.23773	0.941713	100	3.3
2410.815	1808.315	338.9695	25.73779	0.224975	2.584576	493.9046	1402.33	0.275579	0.484514	331.0717	87.08388	0.909069	100	3.1
2410.968	1808.468	338.9739	25.76462	0.241435	2.193933	494.7982	1395.16	0.291161	0.505784	280.2163	68.93044	0.718844	100	2
2411.12	1808.62	338.9783	25.84049	0.250329	2.054629	493.849	1387.105	0.299619	0.517661	252.154	61.56515	0.640212	100	1.5
2411.272	1808.772	338.9826	25.88067	0.244689	2.209616	491.226	1379.518	0.294283	0.510832	268.9419	65.82779	0.683514	100	1.8
2411.425	1808.925	338.987	25.86964	0.231912	2.541366	487.3926	1373.342	0.282201	0.491976	311.6364	79.05426	0.821196	100	2.6
2411.577	1809.077	338.9914	25.90418	0.22174	2.937182	483.3356	1368.82	0.272618	0.473294	350.6416	97.71661	1.013751	100	3.7
2411.73	1809.23	338.9958	25.98862	0.225301	2.836229	479.3421	1366.947	0.275994	0.475942	342.328	92.78574	0.959572	100	3.4
2411.882	1809.382	339.0002	26.03191	0.21017	3.04444	477.4163	1366.418	0.261771	0.441974	408.8322	176.3645	1.821002	100	7.9
2412.035	1809.535	339.0046	26.24401	0.215809	2.624718	477.343	1370.301	0.267088	0.449181	391.5491	139.815	1.432324	100	5.7
2412.187	1809.687	339.009	26.25783	0.231812	2.065631	479.6551	1365.687	0.282196	0.475453	334.4444	88.6929	0.908152	100	2.9
2412.339	1809.839	339.0134	26.29353	0.243612	1.824589	483.1257	1363.963	0.293386	0.495653	291.1262	72.16124	0.737914	100	1.9
2412.492	1809.992	339.0178	26.19507	0.249735	1.666068	486.0343	1365.155	0.299215	0.507024	267.3905	65.41714	0.671392	100	1.5
2412.644	1810.144	339.0221	26.16743	0.24904	1.735952	487.5915	1359.322	0.298573	0.503738	272.8107	66.86831	0.686994	100	1.6
2412.797	1810.297	339.0266	26.12059	0.244791	1.979775	486.4812	1353.932	0.294558	0.492752	293.5126	72.90298	0.750302	100	2
2412.949	1810.449	339.0309	25.95361	0.237687	2.183421	483.8071	1348.591	0.287843	0.479629	320.8888	82.64511	0.855879	100	2.6
2413.101	1810.601	339.0353	25.93311	0.245841	1.916169	480.4807	1350.218	0.29559	0.505242	274.8517	67.4271	0.698822	100	1.7
2413.254	1810.754	339.0397	25.93937	0.239154	1.94504	478.0983	1359.076	0.289268	0.493901	299.2266	74.73735	0.774411	100	2.2
2413.406	1810.906	339.0441	26.0142	0.246174	1.762001	476.9214	1367.776	0.295941	0.518735	255.7468	62.44566	0.645248	100	1.5
2413.559	1811.059	339.0485	26.05368	0.227395	2.013876	479.301	1365.822	0.278185	0.491615	317.676	81.35619	0.839422	100	2.6
2413.711	1811.211	339.0529	26.06744	0.199762	2.715268	484.3102	1369.863	0.252227	0.449745	411.2784	183.2013	1.889295	100	8.6
2413.863	1811.363	339.0573	26.03728	0.217506	2.201306	492.3483	1368.106	0.268899	0.469112	361.545	105.4536	1.08874	100	4
2414.016	1811.516	339.0617	26.10764	0.249979	1.585784	498.0272	1372.681	0.299626	0.509788	263.0084	64.27659	0.661886	100	1.5
2414.168	1811.668	339.066	26.20609	0.277302	1.275768	499.6769	1377.465	0.325692	0.54714	175.4931	45.80152	0.469926	100	0.4
2414.321	1811.821	339.0704	26.0934	0.26938	1.424609	496.396	1376.268	0.318139	0.543157	191.4107	48.67426	0.501496	100	0.6
2414.473	1811.973	339.0748	26.00634	0.226524	2.262861	492.6027	1376.666	0.27747	0.491428	318.9208	81.84991	0.846052	100	2.7
2414.625	1812.125	339.0792	26.01957	0.205793	3.038464	487.6525	1381.106	0.257984	0.478279	363.9564	107.4086	1.109706	100	4.6
2414.778	1812.278	339.0836	26.05768	0.206515	3.076011	484.5031	1380.127	0.25868	0.485191	353.4587	99.56118	1.027179	100	4.2
2414.93	1812.43	339.088	26.1529	0.231945	2.427212	482.4757	1379.081	0.282643	0.515631	278.3822	68.41062	0.703312	100	2.1
2415.083	1812.583	339.0924	26.2354	0.227282	2.565593	483.1176	1374.458	0.278257	0.485232	326.3856	84.9689	0.870888	100	2.9
2415.235	1812.735	339.0968	26.31156	0.230943	2.380643	485.4855	1371.766	0.281732	0.482742	325.0257	84.37912	0.862426	100	2.8
2415.387	1812.887	339.1011	26.38905	0.229378	2.291609	488.3358	1369.073	0.280271	0.480774	329.7578	86.47736	0.881365	100	2.9
2415.54	1813.04	339.1056	26.46101	0.23777	2.08609	490.0805	1377.986	0.288225	0.498396	294.4634	73.20237	0.74411	100	2.1
2415.692	1813.192	339.1099	26.55934	0.235355	2.173228	491.9506	1378.666	0.285958	0.49123	307.481	77.55209	0.785507	100	2.3
2415.845	1813.345	339.1143	26.63033	0.233393	2.251093	494.9882	1376.516	0.284119	0.489614	312.2476	79.28056	0.800949	100	2.4
2415.997	1813.497	339.1187	26.70597	0.242218	1.964199	498.9013	1379.116	0.292492	0.507439	276.0952	67.77102	0.682801	100	1.7
2416.149	1813.649	339.1231	26.78354	0.248576	1.82738	500.9587	1376.436	0.298543	0.519453	251.1652	61.32563	0.616137	100	1.4
2416.302	1813.802	339.1275	26.84524	0.251492	1.742647	500.2861	1376.608	0.301331	0.520898	245.3241	59.93434	0.600826	100	1.3
2416.454	1813.954	339.1319	26.77693	0.230187	2.316035	497.408	1376.781	0.281161	0.477221	333.4334	88.20243	0.886395	100	2.9
2416.607	1814.107	339.1363	26.8522	0.225595	2.450107	495.7586	1372.718	0.276843	0.470494	348.6763	96.48531	0.967014	100	3.4
2416.759	1814.259	339.1407	26.86714	0.220759	2.625964	495.6172	1370.472	0.272301	0.462103	366.5232	109.6043	1.097917	100	4.1
2416.911	1814.411	339.145	26.83467	0.216118	2.790194	496.9254	1368.837	0.26795	0.45192	386.5808	132.1953	1.325774	100	5.3
2417.064	1814.564	339.1494	26.82822	0.2138	2.812032	499.0722	1368.333	0.265787	0.445077	399.0071	153.3979	1.538783	100	6.4
2417.216	1814.716	339.1538	26.89079	0.219051	2.768373	502.6227	1369.17	0.270746	0.453841	380.0701	123.6069	1.237161	100	4.8
2417.369	1814.869	339.1582	26.7795	0.217633	2.837182	506.4868	1371.64	0.269429	0.449053	388.4955	135.0121	1.356756	100	5.4

2417.521	1815.021	339.1626	26.8856	0.224847	2.60095	510.5683	1374.84	0.276244	0.464879	357.2503	102.2058	1.02317	100	3.7
2417.673	1815.173	339.167	26.94083	0.216348	2.647453	514.2048	1376.424	0.268255	0.444239	396.758	148.9983	1.48866	100	6
2417.826	1815.326	339.1714	27.05452	0.221622	2.510217	516.8491	1378.259	0.273239	0.450672	381.0035	124.7519	1.24136	100	4.7
2417.978	1815.478	339.1758	27.16432	0.235488	2.377809	519.8774	1377.471	0.28635	0.474417	330.1418	86.65352	0.858897	100	2.7
2418.131	1815.631	339.1802	27.27633	0.243111	2.314945	522.9285	1376.842	0.293588	0.484411	306.361	77.15754	0.761747	100	2.2
2418.283	1815.783	339.1846	27.36802	0.242054	2.408426	528.9963	1373.856	0.292605	0.477914	316.685	80.96805	0.796788	100	2.4
2418.436	1815.936	339.189	27.46287	0.242891	2.314447	537.108	1367.588	0.293416	0.483598	307.7201	77.63689	0.761466	100	2.2
2418.588	1816.088	339.1933	27.57114	0.249442	2.170883	545.0979	1355.254	0.29965	0.502481	273.0592	66.93598	0.654029	100	1.6
2418.74	1816.24	339.1977	27.61381	0.241116	2.330408	549.7123	1344.068	0.291769	0.480595	314.1378	79.9896	0.780417	100	2.3
2418.893	1816.393	339.2021	27.69349	0.24648	2.100709	551.2761	1333.799	0.296874	0.478042	310.6151	78.67926	0.765509	100	2.1
2419.045	1816.545	339.2065	27.76995	0.230951	2.805671	551.3035	1322.869	0.282185	0.423081	406.7321	170.8823	1.658198	100	6.3
2419.197	1816.697	339.2109	27.88294	0.226153	3.44148	553.1894	1312.809	0.277672	0.405985	436.5538	262.0356	2.532816	100	10.5
2419.35	1816.85	339.2153	27.89523	0.220686	3.545797	557.4922	1301.587	0.272535	0.400893	450.6701	300.9931	2.908165	100	12.5
2419.502	1817.002	339.2197	27.9042	0.219795	2.9104	561.1628	1293.219	0.271714	0.404981	446.162	288.8499	2.789997	100	11.9
2419.655	1817.155	339.2241	28.03484	0.20875	2.866754	561.7184	1287.047	0.261347	0.370335	508.2791	435.1279	4.184059	100	19.2
2419.807	1817.307	339.2284	28.13381	0.21539	2.312797	559.0952	1279.141	0.267603	0.380944	485.0049	385.2376	3.691809	100	16.2
2419.959	1817.459	339.2328	28.26165	0.236263	1.614218	555.0355	1276.545	0.287315	0.426599	394.7981	145.3859	1.387206	100	4.7
2420.112	1817.612	339.2372	28.35562	0.242921	1.448171	551.7081	1279.244	0.29364	0.430465	380.7357	124.4206	1.183388	100	3.7
2420.264	1817.764	339.2416	28.36778	0.249591	1.411115	548.6121	1286.141	0.299988	0.433861	367.2881	110.283	1.048498	100	3
2420.417	1817.917	339.246	28.37989	0.239513	1.513959	547.6136	1292.745	0.290446	0.400829	426.0398	231.1563	2.196797	100	8
2420.569	1818.069	339.2504	28.39195	0.242473	1.432039	545.6171	1297.328	0.293269	0.413891	404.1198	164.5228	1.562919	100	5.2
2420.721	1818.221	339.2548	28.40355	0.245881	1.403877	543.7864	1295.738	0.29652	0.439029	364.9433	108.2384	1.027838	100	3
2420.874	1818.374	339.2592	28.42619	0.249615	1.507275	541.1908	1294.907	0.300082	0.46144	329.0994	86.1775	0.817726	100	2.1
2421.026	1818.526	339.2635	28.42913	0.242099	1.745693	540.3153	1290.068	0.292968	0.449586	355.2764	100.8047	0.956434	100	2.8
2421.179	1818.679	339.268	28.45194	0.238857	1.832371	539.7673	1283.271	0.289914	0.443304	368.1601	111.071	1.053036	100	3.3
2421.331	1818.831	339.2723	28.46638	0.245644	1.672605	539.0837	1271.571	0.296366	0.459745	336.5676	89.74696	0.85046	100	2.3
2421.483	1818.983	339.2767	28.47032	0.242028	1.705545	541.132	1263.562	0.292954	0.453631	349.7133	97.12952	0.920304	100	2.7
2421.636	1819.136	339.2811	28.47054	0.231926	1.82119	546.1443	1256.065	0.283409	0.430261	395.1358	145.9943	1.3833	100	4.9
2421.788	1819.288	339.2855	28.47077	0.225809	1.992662	554.4003	1249.505	0.27765	0.417661	420.4705	213.9846	2.02751	100	7.9
2421.941	1819.441	339.2899	28.47099	0.226571	2.123517	552.892	1243.78	0.278387	0.41787	419.1656	209.0638	1.980888	100	7.7
2422.093	1819.593	339.2943	28.47122	0.221748	2.626877	542.2908	1236.054	0.273856	0.397519	453.5021	308.484	2.922899	100	12.3
2422.245	1819.745	339.2987	28.47144	0.235304	2.47496	529.2047	1232.947	0.286675	0.424437	398.6663	152.7129	1.446962	100	5.2
2422.398	1819.898	339.3031	28.47166	0.232931	2.518635	521.0745	1232.059	0.284448	0.413353	417.035	201.4471	1.908723	100	7.3
2422.55	1820.05	339.3074	28.47189	0.235264	2.28008	527.4355	1232.768	0.286672	0.425154	397.679	150.766	1.428517	100	5.1
2422.703	1820.203	339.3118	28.47211	0.230072	1.927196	535.2367	1229.188	0.281781	0.421921	408.8917	176.5248	1.672585	100	6.2
2422.855	1820.355	339.3162	28.47233	0.243001	1.32617	541.0844	1224.431	0.294036	0.451843	350.686	97.74496	0.926141	100	2.6
2423.007	1820.507	339.3206	28.47256	0.23939	1.288343	544.0699	1220.994	0.290632	0.429509	386.2061	131.6607	1.247495	100	4
2423.16	1820.66	339.325	28.47278	0.246027	1.350809	548.2776	1221.776	0.296942	0.435132	369.7376	112.5364	1.066292	100	3.1
2423.312	1820.812	339.3294	28.47301	0.244442	1.400128	552.9736	1221.689	0.295456	0.435659	371.0621	113.8083	1.078344	100	3.2
2423.465	1820.965	339.3338	28.47323	0.245242	1.411326	556.5982	1218.05	0.296232	0.443479	359.198	103.6435	0.982032	100	2.8
2423.617	1821.117	339.3382	28.47345	0.248391	1.400547	558.2993	1218.826	0.299239	0.453125	341.7377	92.46136	0.876081	100	2.3
2423.77	1821.27	339.3426	28.47368	0.236371	1.59496	560.5597	1224.085	0.287862	0.410728	415.9461	197.744	1.873646	100	6.8
2423.922	1821.422	339.347	28.4739	0.231985	1.593575	564.2855	1227.882	0.283731	0.386796	454.673	311.5508	2.951979	100	11.6
2424.074	1821.574	339.3513	28.47412	0.247287	1.367192	570.1761	1216.878	0.298245	0.428754	376.7411	119.734	1.134495	100	3.4
2424.227	1821.727	339.3557	28.47435	0.266965	1.19003	578.5917	1193.915	0.316991	0.479227	281.2196	69.21744	0.655844	100	1.2
2424.379	1821.879	339.3601	28.47457	0.266271	1.277068	589.8054	1170.508	0.316346	0.474512	288.6155	71.39525	0.676479	100	1.3
2424.531	1822.031	339.3645	28.4748	0.23911	1.573954	604.7817	1163.171	0.290544	0.415686	405.4027	167.5848	1.587889	100	5.5
2424.684	1822.184	339.3689	28.47502	0.183514	2.4314	610.7155	1151.908	0.238346	0.323362	604.8424	597.8174	5.664406	100	30
2424.836	1822.336	339.3733	28.47524	0.139733	3.162874	597.0107	1144.026	0.197975	0.273329	729.5995	746.955	7.077511	100	50.1
2424.989	1822.489	339.3777	28.47547	0.138353	2.18536	571.8492	1145.819	0.196749	0.294824	701.6287	717.0611	6.794265	100	48.4
2425.141	1822.641	339.3821	28.47569	0.193143	1.124306	561.4614	1157.143	0.247375	0.379064	515.5147	449.6146	4.260172	100	20.8
2425.293	1822.793	339.3864	28.47591	0.249273	0.935208	556.2377	1180.449	0.300273	0.450722	343.6283	93.51136	0.886036	100	2.2
2425.446	1822.946	339.3908	28.47614	0.256098	1.189751	558.8534	1204.451	0.306778	0.441159	347.8465	95.97833	0.909411	100	2.3
2425.598	1823.098	339.3952	28.47636	0.257758	1.298723	565.7026	1226.659	0.308376	0.452414	330.1095	86.63867	0.820917	100	1.9
2425.75	1823.25	339.3996	28.47659	0.252718	1.309875	575.0611	1246.378	0.303599	0.446121	345.3863	94.51785	0.895574	100	2.3
2425.903	1823.403	339.404	28.47681	0.260229	1.304504	579.8093	1262.429	0.310764	0.467674	305.7558	76.94611	0.729079	100	1.5
2426.055	1823.555	339.4084	28.47703	0.251673	1.525745	575.8197	1270.157	0.302641	0.437403	358.7385	103.2992	0.97878	100	2.7
2426.208	1823.708	339.4128	28.47726	0.243843	2.000934	566.1964	1275.061	0.295225	0.41161	404.5678	165.5791	1.568896	100	5.4
2426.36	1823.86	339.4172	28.47748	0.236483	2.453966	560.035	1278.249	0.288269	0.39147	441.9594	277.2806	2.627292	100	10.2
2426.513	1824.013	339.4216	28.4777	0.247441	1.789064	556.7927	1280.823	0.298674	0.437507	364.0697	107.503	1.018614	100	3
2426.665	1824.165	339.426	28.47793	0.235856	1.831709	557.7061	1283.911	0.287712	0.411699	414.8123	194.0182	1.838366	100	6.7
2426.817	1824.317	339.4303	28.47815	0.236054	1.912532	559.3281	1287.694	0.287917	0.416389	408.0587	174.3052	1.651582	100	5.9
2426.97	1824.47	339.4347	28.47837	0.241954	1.660915	559.4323	1290.99	0.293523	0.434413	375.4482	118.3133	1.121046	100	3.5
2427.122	1824.622	339.4391	28.4786	0.249326	1.446199	557.0302	1293.559	0.300536	0.45129	342.4804	92.86997	0.879965	100	2.3
2427.275	1824.775	339.4435	28.47882	0.232878	1.909773	552.5704	1295.861	0.284966	0.403301	430.1925	243.5515	2.307711	100	8.9
2427.427	1824.927	339.4479	28.47905	0.231029	2.104749	547.0167	1295.524	0.283235	0.402209	434.0869	254.9385	2.415607	100	9.5
2427.579	1825.079	339.4523	28.47927	0.234568	1.781969	542.3882	1292.546	0.286599	0.418941	406.3547	169.9328	1.610157	100	5.8
2427.732	1825.232	339.4567	28.47949	0.248815	1.357115	537.7532	1284.231	0.300121	0.463172	326.6558	85.08732	0.806225	100	2
2427.884	1825.384	339.4611	28.47972	0.240246	1.485184	538.2291	1280.338	0.292011	0.445413	362.3563	106.1002	1.005328	100	3
2428.037	1825.537	339.4655	28.47994	0.234632	1.727948	545.8831	1277.491	0.286713	0.436185	382.401	126.5177	1.19879	100	4
2428.189	1825.689	339.4698	28.48017	0.235261	1.873565	560.4723	1275.248	0.287326	0.444961	369.4439	112.2596	1.063691	100	3.4
2428.341	1825.841	339.4742	28.48039	0.235137	2.048275	574.9233	1270.233	0.287226	0.439556	377.0407	120.0697	1.137695	100	3.8
2428.494	1825.994	339.4786	28.48061	0.234823	2.258093	578.7686	1262.845	0.286947	0.427778	393.6809	143.4135	1.358886	100	4.8
2428.646	1826.146	339.483	28.48084	0.223088	2.853387	573.8785	1251.831	0.275882	0.374916	481.8993	378.1707	3.583281	100	15.3
2428.799	1826.299	339.4874	28.48106	0.214706	2.958522	569.0747	1241.144	0.268007	0.34322	536.5063	489.2014	4.635334	100	20.8
2428.951	1826.451	339.4918	28.48128	0.209484	2.08383	569.1758	1230.439	0.263119	0.345688	539.8473	495.1905	4.692086	100	21.4
2429.104	1826.604	339.4962	28.48151	0.218219	1.376443	573.0704	1219.794	0.271348	0.384806	474.5079	360.9324	3.419949	100	14.5
2429.256	1826.756	339.5006	28.48173	0.228611	1.311117	573.2695	1209.067	0.281164	0.40512	432.9286	251.5755	2.38376	100	9.2
2429.408	1826.908	339.505	28.48195	0.228097	1.616476	569.2983	1195.29	0.280696	0.371113	480.5032	374.9603	3.552873	100	14.4
2429.561	1827.061	339.5094	28.48218	0.224655	1.630268	562.0065	1178.59	0.277466	0.333619	536.7024	489.5552	4.6387	100	19.5

2429.713	1827.213	339.5137	28.4824	0.226294	1.442031	555.9401	1168.759	0.27903	0.344359	519.7228	457.8336	4.338131	100	18
2429.865	1827.365	339.5181	28.48263	0.230087	1.375651	550.436	1165.69	0.282629	0.362105	490.2669	396.9825	3.761547	100	15.1
2430.018	1827.518	339.5225	28.48285	0.23619	1.480841	546.7959	1163.487	0.288417	0.37512	464.318	336.1542	3.18518	100	12.3
2430.17	1827.67	339.5269	28.48307	0.235973	1.574364	545.371	1155.436	0.28823	0.360504	484.7483	384.6577	3.644771	100	14.3
2430.323	1827.823	339.5313	28.4833	0.233715	1.580271	546.3995	1143.626	0.286112	0.339497	516.6604	451.867	4.281606	100	17.2
2430.475	1827.975	339.5357	28.48352	0.233341	1.484135	548.4099	1130.727	0.285776	0.333319	525.6495	469.1625	4.44549	100	17.9
2430.627	1828.127	339.5401	28.48374	0.232128	1.42346	553.3302	1126.973	0.284647	0.32761	535.0867	486.6318	4.611022	100	18.7
2430.78	1828.28	339.5445	28.48397	0.228081	1.529833	558.2703	1125.626	0.280841	0.321498	548.7723	510.8016	4.840042	100	20.1
2430.932	1828.432	339.5488	28.48419	0.217617	1.7458	558.5588	1127.038	0.270994	0.298313	594.3561	582.8165	5.522415	100	24.3
2431.084	1828.584	339.5532	28.48442	0.206256	1.975168	557.9904	1126.348	0.260337	0.26448	655.7528	664.2212	6.293759	100	29.6
2431.237	1828.737	339.5576	28.48464	0.203852	2.000282	554.504	1130.518	0.258102	0.255394	671.3766	682.8374	6.47016	100	30.8
2431.389	1828.889	339.562	28.48486	0.214129	1.957838	552.9154	1134.268	0.267765	0.295126	603.2106	595.5166	5.642765	100	25.4
2431.542	1829.042	339.5664	28.48509	0.23991	2.120798	552.8175	1142.609	0.292117	0.366983	470.4421	351.1904	3.327675	100	12.9
2431.694	1829.194	339.5708	28.48531	0.257484	2.242531	553.1337	1150.78	0.308823	0.405193	394.6574	145.134	1.375206	100	4.4
2431.847	1829.347	339.5752	28.48553	0.252113	1.963366	555.9001	1159.818	0.303733	0.379347	437.3506	264.309	2.504442	100	8.9
2431.999	1829.499	339.5796	28.48576	0.246691	1.587671	559.3192	1168.289	0.2986	0.363579	466.1923	340.8031	3.229257	100	11.9
2432.151	1829.651	339.5839	28.48598	0.245984	1.490685	563.619	1178.528	0.297946	0.361582	469.8511	349.7584	3.314115	100	12.3
2432.304	1829.804	339.5884	28.48621	0.249128	1.51976	566.1866	1188.156	0.300949	0.364929	461.0877	328.0423	3.108347	100	11.3
2432.456	1829.956	339.5927	28.48643	0.246597	1.59846	566.5214	1198.734	0.298563	0.347733	488.1106	392.2039	3.716309	100	13.9
2432.609	1830.109	339.5971	28.48665	0.241506	1.540957	565.3262	1208.988	0.293753	0.341244	503.7036	425.7272	4.03396	100	15.6
2432.761	1830.261	339.6015	28.48688	0.229635	1.487829	565.9557	1218.281	0.282538	0.315779	554.3232	520.2377	4.929493	100	20.3
2432.913	1830.413	339.6059	28.4871	0.229054	1.611463	566.8678	1224.751	0.282007	0.340944	520.3283	459.0042	4.349281	100	17.9
2433.066	1830.566	339.6103	28.48732	0.232009	1.920039	568.2098	1229.083	0.284816	0.351009	502.5618	423.3514	4.011457	100	16.3
2433.218	1830.718	339.6147	28.48755	0.242448	2.080268	567.6727	1232.029	0.294716	0.373388	458.0158	320.2093	3.034137	100	11.5
2433.371	1830.871	339.6191	28.48777	0.249035	2.399481	568.0068	1232.734	0.300984	0.387669	429.6582	241.9714	2.292797	100	8.3
2433.523	1831.023	339.6235	28.488	0.247217	2.823982	573.4553	1235.436	0.299276	0.384462	436.4427	261.7179	2.479906	100	9.2
2433.675	1831.175	339.6278	28.48822	0.240226	2.939654	580.6086	1234.463	0.292663	0.380671	450.7985	301.3352	2.855302	100	11.1
2433.828	1831.328	339.6322	28.48844	0.229245	2.626384	586.6038	1233.924	0.282293	0.338226	523.6845	465.4379	4.41026	100	18.4
2433.98	1831.48	339.6366	28.48867	0.234906	2.046887	586.4779	1230.767	0.287662	0.340527	513.1003	444.8311	4.215003	100	16.9
2434.133	1831.633	339.641	28.48889	0.244268	1.748684	582.4816	1227.818	0.296549	0.337966	504.3705	427.1093	4.047083	100	15.5
2434.285	1831.785	339.6454	28.48911	0.246381	1.578392	579.5482	1223.637	0.298571	0.359084	472.4367	355.993	3.373221	100	12.5
2434.438	1831.938	339.6498	28.48934	0.2373	1.568011	577.9392	1219.403	0.289981	0.352364	493.5638	404.1978	3.829989	100	15
2434.59	1832.09	339.6542	28.48956	0.234396	1.495435	576.4312	1212.357	0.28725	0.361501	484.7232	384.6009	3.6443	100	14.4
2434.742	1832.242	339.6586	28.48978	0.238988	1.426198	573.202	1205.24	0.291614	0.351573	492.4014	401.6663	3.806007	100	14.7
2434.895	1832.395	339.663	28.49001	0.245611	1.358729	568.6561	1196.873	0.29791	0.35021	485.5943	386.5674	3.662938	100	13.7
2435.047	1832.547	339.6674	28.49023	0.236579	1.384539	566.5334	1191.844	0.289369	0.322118	536.1475	488.5534	4.629315	100	18.4
2435.199	1832.699	339.6717	28.49046	0.227567	1.334509	569.1041	1186.868	0.280868	0.319283	551.7918	515.9597	4.889007	100	20.3
2435.352	1832.852	339.6761	28.49068	0.223423	1.301516	576.9848	1187.548	0.276976	0.318173	558.6945	527.5273	4.998621	100	21.2
2435.504	1833.004	339.6805	28.4909	0.231764	1.338579	585.6465	1188.587	0.284868	0.343419	512.9646	444.5609	4.21247	100	17
2435.657	1833.157	339.6849	28.49113	0.241108	1.522936	591.4637	1191.523	0.293729	0.363655	472.8109	356.8891	3.381731	100	12.9
2435.809	1833.309	339.6893	28.49135	0.246949	1.663763	589.6312	1202.427	0.299286	0.379047	443.9005	282.6545	2.678317	100	9.7
2435.961	1833.461	339.6937	28.49158	0.239117	1.907393	582.7711	1222.348	0.291878	0.339264	509.0254	436.6433	4.137453	100	16.3
2436.114	1833.614	339.6981	28.4918	0.237197	1.852928	572.248	1249.659	0.290077	0.325708	530.2161	477.7013	4.526505	100	18
2436.266	1833.766	339.7025	28.49202	0.234941	1.892888	556.8569	1269.31	0.28796	0.317987	543.793	502.1606	4.758275	100	19.2
2436.418	1833.918	339.7068	28.49225	0.23866	1.943552	535.5746	1277.442	0.291497	0.350264	494.3687	405.9431	3.846558	100	15.1
2436.571	1834.071	339.7112	28.49247	0.235376	2.011137	509.7066	1282.683	0.288407	0.367973	474.1962	360.1921	3.413042	100	13.5
2436.723	1834.223	339.7156	28.49269	0.223909	1.905591	489.3612	1292.762	0.277592	0.38281	468.6452	346.8243	3.286376	100	13.6
2436.876	1834.376	339.72	28.49292	0.213789	1.749622	478.6662	1307.125	0.268081	0.412864	440.2949	272.6308	2.583348	100	11
2437.028	1834.528	339.7244	28.49314	0.212685	1.735404	476.7555	1333.292	0.267061	0.444854	397.5573	150.5297	1.426365	100	5.6
2437.181	1834.681	339.7288	28.49336	0.206986	1.954123	478.2445	1345.24	0.261728	0.441097	410.1009	179.8476	1.704172	100	7.2
2437.333	1834.833	339.7332	28.49359	0.203209	2.069311	481.7278	1354.835	0.258205	0.427642	433.5309	253.3266	2.400433	100	10.8
2437.485	1834.985	339.7376	28.49381	0.210453	1.840925	486.6604	1354.213	0.265017	0.440762	406.025	169.1121	1.602448	100	6.5
2437.638	1835.138	339.742	28.49404	0.234062	1.543278	492.1458	1368.651	0.287287	0.489567	307.9416	77.7156	0.736406	100	2
2437.79	1835.29	339.7464	28.49426	0.267402	1.289237	497.1215	1385.354	0.318982	0.55391	175.409	45.78683	0.433861	100	0.4
2437.943	1835.443	339.7508	28.49448	0.263147	1.581075	500.1847	1406.099	0.314942	0.541606	197.9638	49.91088	0.472939	100	0.6
2438.095	1835.595	339.7551	28.49471	0.25326	1.911703	501.5315	1423.678	0.305547	0.518542	242.7579	59.33542	0.562243	100	1.2
2438.247	1835.747	339.7595	28.49493	0.247324	2.067777	501.4883	1437.14	0.299925	0.502179	273.0963	66.9461	0.63436	100	1.5
2438.4	1835.9	339.7639	28.49515	0.241212	2.197512	501.1681	1442.593	0.294145	0.487823	300.885	75.28631	0.71339	100	2
2438.552	1836.052	339.7683	28.49538	0.240688	2.263343	500.8486	1444.791	0.293666	0.490192	298.2761	74.42618	0.70524	100	2
2438.705	1836.205	339.7727	28.4956	0.253564	1.994235	500.5817	1439.8	0.305906	0.522392	236.9489	58.00614	0.549649	100	1.1
2438.857	1836.357	339.7771	28.49582	0.248652	2.103501	499.6384	1434.583	0.301255	0.518036	249.3787	60.89585	0.577031	100	1.3
2439.009	1836.509	339.7815	28.49605	0.22905	2.56544	497.7955	1422.809	0.282709	0.48251	323.9987	83.94039	0.795395	100	2.6
2439.162	1836.662	339.7859	28.49627	0.232863	2.429755	493.8914	1407.818	0.286329	0.494923	301.8718	75.61675	0.716523	100	2.2
2439.314	1836.814	339.7902	28.4965	0.251201	2.044569	488.6597	1391.834	0.30373	0.532487	226.0212	55.59879	0.526839	100	1.1
2439.467	1836.967	339.7946	28.49672	0.235477	2.513889	482.806	1380.243	0.288837	0.500049	291.3381	72.22657	0.6844	100	2
2439.619	1837.119	339.799	28.49694	0.219627	3.006837	477.305	1371.008	0.273892	0.468747	355.1582	100.7225	0.95442	100	3.6
2439.771	1837.271	339.8034	28.49717	0.216529	2.838056	473.5473	1363.85	0.270994	0.464252	365.3609	108.5948	1.029017	100	3.9
2439.924	1837.424	339.8078	28.49739	0.19819	3.188225	472.8541	1351.26	0.253806	0.426527	441.1416	275.0009	2.60584	100	12.4
2440.076	1837.576	339.8122	28.49762	0.190274	3.367601	474.2668	1349.068	0.246429	0.415545	466.4759	341.5029	3.235997	100	16.3
2440.229	1837.729	339.8166	28.49784	0.196373	3.003782	475.9467	1342.731	0.252142	0.429173	439.7854	271.1996	2.569823	100	12.3
2440.381	1837.881	339.821	28.49806	0.202462	2.76809	476.3579	1338.157	0.257857	0.441355	415.0873	194.9101	1.846923	100	8.3
2440.533	1838.033	339.8254	28.49829	0.202939	2.895159	477.1747	1341.954	0.258322	0.439922	416.4229	199.3501	1.888996	100	8.5
2440.686	1838.186	339.8298	28.49851	0.201684	3.09892	480.4435	1352.558	0.257164	0.447061	408.1694	174.597	1.654443	100	7.4
2440.838	1838.338	339.8341	28.49873	0.20665	2.674618	486.1031	1363.605	0.261836	0.460602	383.0357	127.3407	1.206653	100	5
2440.991	1838.491	339.8385	28.49896	0.21437	2.249302	491.8587	1369.481	0.269103	0.471762	357.6059	102.4641	0.970929	100	3.6
2441.143	1838.643	339.8429	28.49918	0.232445	1.950719	496.0371	1367.701	0.286163	0.497578	298.4367	74.47859	0.705744	100	2
2441.295	1838.795	339.8473	28.4994	0.237718	2.057801	496.9601	1359.298	0.291169	0.499488	288.8932	71.47926	0.677324	100	1.8
2441.448	1838.948	339.8517	28.49963	0.229655	2.503052	492.804	1346.671	0.283562	0.480747	325.2534	84.47717	0.80049	100	2.6
2441.6	1839.1	339.8561	28.49985	0.228311	2.557702	483.7461	1337.411	0.28231	0.480077	327.9048	85.64017	0.811511	100	2.7
2441.753	1839.253	339.8605	28.50008	0.221315	2.762341	471.4909	1329.421	0.275728	0.471375	348.9976	96.68362	0.916157	100	3.3

2441.905	1839.405	339.8649	28.5003	0.196585	3.515828	463.0485	1321.001	0.252534	0.424123	446.214	288.9916	2.738435	100	13.3
2442.057	1839.557	339.8692	28.50052	0.175319	2.404665	461.8799	1315.219	0.232746	0.385482	526.8455	471.4146	4.467048	100	24.6
2442.21	1839.71	339.8736	28.50075	0.18451	3.040604	468.0071	1317.562	0.241304	0.417993	470.1704	350.5326	3.321591	100	17.2
2442.362	1839.862	339.878	28.50097	0.209993	1.904386	477.3557	1316.294	0.265149	0.468719	367.2626	110.2602	1.044809	100	3.9
2442.515	1840.015	339.8824	28.50119	0.251005	1.273804	484.5318	1315.062	0.303914	0.543263	210.8963	52.45005	0.497009	100	0.7
2442.667	1840.167	339.8868	28.50142	0.257732	1.313498	488.7112	1313.948	0.310329	0.553569	187.822	48.01067	0.454942	100	0.5
2442.819	1840.319	339.8912	28.50164	0.254735	1.425088	490.3849	1320.4	0.307494	0.552376	193.3794	49.04236	0.464719	100	0.6
2442.972	1840.472	339.8956	28.50187	0.237053	1.80193	490.1143	1326.343	0.290733	0.523092	256.9209	62.73694	0.594487	100	1.4
2443.124	1840.624	339.9	28.50209	0.222414	2.288439	489.1253	1336.463	0.276922	0.493581	316.7052	80.9759	0.767318	100	2.5
2443.277	1840.777	339.9044	28.50231	0.218827	2.433621	488.202	1342.688	0.27356	0.480075	339.9831	91.51537	0.867189	100	3
2443.429	1840.929	339.9088	28.50254	0.219207	2.341927	488.3292	1346.193	0.273936	0.475595	345.6467	94.66951	0.897078	100	3.1
2443.582	1841.082	339.9132	28.50276	0.223322	2.182497	488.8972	1346.264	0.277831	0.48253	330.7022	86.91224	0.823571	100	2.7
2443.734	1841.234	339.9175	28.50299	0.227794	2.064762	488.7979	1344.668	0.282067	0.491262	312.8061	79.4886	0.753226	100	2.3
2443.886	1841.386	339.9219	28.50321	0.226314	2.083766	488.3071	1347.081	0.280689	0.491473	314.4166	80.09537	0.758976	100	2.3
2444.039	1841.539	339.9263	28.50343	0.222675	2.227221	487.2718	1353.283	0.277274	0.4934	316.4695	80.88419	0.766452	100	2.5
2444.191	1841.691	339.9307	28.50366	0.22089	2.315137	487.5725	1361.515	0.275609	0.498551	311.6593	79.06272	0.749192	100	2.4
2444.343	1841.843	339.9351	28.50388	0.22293	2.264495	488.6012	1364.576	0.27755	0.50667	297.7767	74.26368	0.703717	100	2.2
2444.496	1841.996	339.9395	28.5041	0.232749	1.937502	490.2811	1359.5	0.286837	0.51712	270.5388	66.25439	0.627822	100	1.6
2444.648	1842.148	339.9439	28.50433	0.240595	1.778085	491.2929	1360.379	0.294281	0.522876	252.3228	61.60616	0.583776	100	1.3
2444.801	1842.301	339.9483	28.50455	0.237396	1.893607	491.4141	1352.19	0.291269	0.507872	277.186	68.07492	0.645074	100	1.6
2444.953	1842.453	339.9526	28.50477	0.237034	1.889398	490.5322	1353.496	0.290944	0.506589	279.4043	68.69955	0.650994	100	1.7
2445.105	1842.605	339.957	28.505	0.238397	1.838344	489.2061	1355.563	0.292252	0.510456	272.2639	66.7198	0.632234	100	1.6
2445.258	1842.758	339.9614	28.50522	0.236305	1.831796	487.8873	1354.899	0.290289	0.50389	284.0334	70.0328	0.663628	100	1.7
2445.41	1842.91	339.9658	28.50545	0.241217	1.756564	487.2913	1349.397	0.294958	0.512543	265.6483	64.96034	0.615562	100	1.4
2445.562	1843.062	339.9702	28.50567	0.232621	1.88757	487.202	1343.328	0.286839	0.49221	304.9127	76.65349	0.726367	100	2.1
2445.715	1843.215	339.9746	28.50589	0.249858	1.570401	487.7238	1341.084	0.303192	0.525341	236.6236	57.93276	0.54897	100	1
2445.867	1843.367	339.979	28.50612	0.240005	1.721629	488.7418	1341.897	0.293863	0.502849	280.5377	69.02218	0.654053	100	1.6
2446.02	1843.52	339.9834	28.50634	0.249942	1.58783	489.812	1345.226	0.303308	0.523896	238.4588	58.3482	0.552907	100	1.1
2446.172	1843.672	339.9878	28.50656	0.247532	1.651654	490.0485	1348.496	0.301036	0.523612	241.9859	59.15668	0.560569	100	1.1
2446.325	1843.825	339.9922	28.50679	0.238448	1.854416	489.8497	1353.49	0.29244	0.507833	275.6231	67.64014	0.640958	100	1.6
2446.477	1843.977	339.9965	28.50701	0.23272	2.018949	490.6592	1361.604	0.287038	0.494191	301.9045	75.62775	0.71665	100	2
2446.629	1844.129	340.0009	28.50723	0.233365	2.037552	492.6798	1374.051	0.287665	0.49239	303.5245	76.17668	0.721852	100	2.1
2446.782	1844.282	340.0053	28.50746	0.231988	2.10529	494.8174	1382.792	0.286381	0.486786	313.0302	79.57242	0.75403	100	2.2
2446.934	1844.434	340.0097	28.50768	0.23637	2.032955	496.7214	1389.403	0.290543	0.495132	295.7684	73.61696	0.697597	100	1.9
2447.087	1844.587	340.0141	28.50791	0.251034	1.769079	497.618	1391.519	0.304467	0.524801	235.6097	57.70473	0.546812	100	1.1
2447.239	1844.739	340.0185	28.50813	0.254028	1.741135	497.0228	1390.23	0.307331	0.531082	222.9894	54.9512	0.52072	100	0.9
2447.391	1844.891	340.0229	28.50835	0.257296	1.711551	496.65	1391.092	0.310458	0.536991	210.5209	52.37443	0.496303	100	0.8
2447.544	1845.044	340.0273	28.50861	0.242153	2.040262	496.9477	1389.491	0.296091	0.505728	273.4895	67.05339	0.635401	100	1.6
2447.696	1845.196	340.0316	28.43582	0.254306	1.819271	497.6671	1386.604	0.307648	0.528223	226.4975	55.70129	0.529134	100	1
2447.849	1845.349	340.0361	28.35901	0.241245	2.191086	496.2654	1375.682	0.295266	0.503585	277.5866	68.18706	0.649438	100	1.7
2448.001	1845.501	340.0404	28.27283	0.246059	2.169513	491.4061	1365.076	0.299848	0.511274	260.6512	63.67443	0.608245	100	1.5
2448.153	1845.653	340.0448	28.22178	0.247896	2.103248	484.7746	1345.132	0.301609	0.51446	253.8241	61.97243	0.593024	100	1.4
2448.306	1845.806	340.0492	28.17558	0.244185	1.995508	477.8145	1329.23	0.298105	0.509914	264.9334	64.77416	0.62082	100	1.5
2448.458	1845.958	340.0536	28.09042	0.217874	2.489282	472.774	1313.847	0.27326	0.460577	367.3044	110.2976	1.060233	100	4
2448.611	1846.111	340.058	28.03305	0.202109	2.723122	469.7901	1302.841	0.258475	0.437013	420.2266	213.0492	2.051992	100	9.3
2448.763	1846.263	340.0624	28.15938	0.208492	2.270789	468.5257	1292.293	0.264477	0.461707	377.8669	121.0082	1.160461	100	4.6
2448.916	1846.416	340.0668	28.23734	0.206953	2.152633	468.209	1285.405	0.26305	0.461812	379.6899	123.1482	1.177848	100	4.7
2449.068	1846.568	340.0712	28.20169	0.201278	2.208669	468.5631	1281.371	0.257749	0.450285	402.9139	161.7482	1.548935	100	6.7
2449.22	1846.72	340.0755	28.161	0.194575	2.389842	469.2039	1285.145	0.251498	0.433037	435.3427	258.5625	2.479521	100	11.8
2449.373	1846.873	340.0799	28.1619	0.206439	1.978112	471.2953	1299.165	0.262621	0.459721	383.1679	127.5138	1.222784	100	4.9
2449.525	1847.025	340.0843	28.07359	0.212556	1.834547	474.8363	1317.545	0.268381	0.470631	360.1644	104.3782	1.003972	100	3.6
2449.677	1847.177	340.0887	28.21115	0.213046	1.852379	479.3328	1327.94	0.268859	0.465371	366.7632	109.816	1.051317	100	3.9
2449.83	1847.33	340.0931	28.13471	0.213545	1.877421	484.4618	1328.645	0.269346	0.461781	371.0453	113.7919	1.092243	100	4
2449.982	1847.482	340.0975	28.27254	0.218032	1.881749	487.6498	1321.715	0.273584	0.465452	360.13	104.3518	0.996931	100	3.5
2450.135	1847.635	340.1019	28.18678	0.2207	2.008699	489.4677	1320.164	0.276114	0.466385	355.3511	100.8567	0.966375	100	3.3
2450.287	1847.787	340.1063	28.11193	0.221108	2.147338	486.3521	1320.855	0.276516	0.469507	350.4877	97.61861	0.937758	100	3.2
2450.439	1847.939	340.1106	28.01058	0.218085	2.169862	483.8688	1327.845	0.273686	0.468745	355.4441	100.9216	0.97288	100	3.5
2450.592	1848.092	340.115	27.90937	0.211387	2.190197	482.4426	1331.643	0.267405	0.461242	374.4669	117.2642	1.134388	100	4.4
2450.744	1848.244	340.1194	27.80403	0.21194	2.154196	481.8435	1344.46	0.267942	0.46388	370.0859	112.8671	1.095855	100	4.2
2450.896	1848.396	340.1238	27.70639	0.215004	2.058409	481.2443	1346.56	0.27084	0.468803	359.2928	103.7149	1.010429	100	3.7
2451.049	1848.549	340.1282	27.60686	0.211561	2.136932	480.6021	1354.899	0.267621	0.459781	376.1855	119.118	1.164544	100	4.5
2451.201	1848.701	340.1326	27.50728	0.219626	2.012789	481.7979	1358.539	0.275225	0.473965	346.1181	94.94578	0.931482	100	3.2
2451.354	1848.854	340.137	27.51038	0.22973	1.743062	484.2904	1363.251	0.284773	0.492005	308.0471	77.75312	0.762734	100	2.2
2451.506	1849.006	340.1414	27.41529	0.240751	1.565735	488.7776	1372.184	0.295217	0.508159	271.3402	66.46999	0.654242	100	1.5
2451.659	1849.159	340.1458	27.34534	0.235396	1.787512	493.8138	1375.774	0.290165	0.491942	300.6922	75.22209	0.742224	100	2
2451.811	1849.311	340.1502	27.25241	0.231536	2.033836	497.1405	1373.421	0.286532	0.486733	312.8947	79.52171	0.787244	100	2.4
2451.963	1849.463	340.1545	27.17584	0.22613	2.345659	497.0206	1370.48	0.281444	0.486651	320.0288	82.29536	0.81693	100	2.7
2452.116	1849.616	340.1589	27.07919	0.227717	2.60482	493.8475	1369.849	0.282959	0.496244	304.7001	76.5801	0.762828	100	2.5
2452.268	1849.768	340.1633	27.01358	0.236743	2.442496	490.0787	1373.009	0.291509	0.514972	267.0564	65.32918	0.652292	100	1.8
2452.421	1849.921	340.1677	26.9459	0.237404	2.337528	488.1496	1382.493	0.292152	0.510256	272.677	66.83195	0.668925	100	1.9
2452.573	1850.073	340.1721	26.88444	0.23575	2.117783	487.3366	1381.596	0.290604	0.506171	280.4499	68.99711	0.692132	100	1.9
2452.725	1850.225	340.1765	26.82152	0.229799	2.130227	487.5746	1376.844	0.284995	0.492569	306.9618	77.36868	0.77788	100	2.4
2452.878	1850.378	340.1809	26.76795	0.238486	1.95173	487.817	1359.004	0.293229	0.51246	268.1486	65.61737	0.661016	100	1.7
2453.03	1850.53	340.1853	26.78018	0.224948	2.40163	488.6792	1357.912	0.280451	0.485723	322.6796	83.38499	0.839638	100	2.8
2453.183	1850.683	340.1897	26.77181	0.224692	2.402915	490.1477	1362.302	0.280227	0.485509	323.2853	83.63888	0.842458	100	2.8
2453.335	1850.835	340.194	26.7607	0.220863	2.561529	492.3896	1376.363	0.276635	0.478701	337.6363	90.29032	0.909828	100	3.2
2453.487	1850.987	340.1984	26.72138	0.226969	2.431002	493.5166	1378.446	0.28241	0.491772	311.6282	79.05121	0.797718	100	2.6
2453.64	1851.14	340.2028	26.89657	0.22499	2.518021	494.0294	1377.756	0.280561	0.490025	316.5923	80.93195	0.811549	100	2.7
2453.792	1851.292	340.2072	26.91085	0.224591	2.553252	494.0443	1372.045	0.280201	0.491107	315.595	80.546	0.807271	100	2.7
2453.945	1851.445	340.2116	27.09897	0.217589	2.750553	494.0596	1373.368	0.273621	0.480028	339.9638	91.5051	0.91095	100	3.3

2454.097	1851.597	340.216	26.91084	0.228014	2.412536	494.0746	1376.311	0.283467	0.503797	293.5766	72.92307	0.730883	100	2.3
2454.25	1851.75	340.2204	26.96996	0.240395	2.043161	494.0898	1381.549	0.295195	0.527658	244.4637	59.73271	0.597414	100	1.4
2454.402	1851.902	340.2248	26.90874	0.229268	2.318469	494.1048	1385.243	0.284686	0.502262	294.0113	73.05973	0.732321	100	2.2
2454.554	1852.054	340.2292	26.84779	0.234215	2.222532	494.1201	1388.424	0.289379	0.507807	279.8837	68.83572	0.691504	100	2
2454.707	1852.207	340.2336	26.74331	0.225395	2.503293	494.135	1390.114	0.281064	0.48893	317.4072	81.25047	0.819317	100	2.7
2454.859	1852.359	340.2379	26.72952	0.243205	2.047669	494.1501	1391.052	0.297928	0.526519	242.2631	59.2208	0.597477	100	1.4
2455.011	1852.511	340.2423	26.50215	0.241177	2.100422	494.2788	1391.59	0.296023	0.522956	249.8091	60.99905	0.620543	100	1.5
2455.164	1852.664	340.2467	26.48142	0.2465	1.999834	494.5177	1392.619	0.301089	0.530562	232.3216	56.97238	0.580025	100	1.3
2455.316	1852.816	340.2511	26.27403	0.245003	2.053552	494.8649	1392.272	0.299686	0.525117	241.7712	59.10708	0.606373	100	1.4
2455.469	1852.969	340.2555	26.27547	0.253368	1.861142	494.8739	1391.724	0.307648	0.54038	209.7215	52.21378	0.535632	100	1
2455.621	1853.121	340.2599	26.26603	0.250605	1.929591	494.1595	1389.565	0.305039	0.534541	221.379	54.61068	0.560421	100	1.2
2455.773	1853.273	340.2643	26.30508	0.237845	2.301499	493.163	1385.602	0.292954	0.511646	269.6526	66.01715	0.676505	100	1.9
2455.926	1853.426	340.2687	26.33868	0.227146	2.60828	491.5713	1383.028	0.282856	0.496788	304.0909	76.37048	0.781637	100	2.5
2456.078	1853.578	340.273	26.36881	0.231414	2.413767	490.9169	1381.669	0.286905	0.51165	277.9935	68.30128	0.698281	100	2.1
2456.23	1853.73	340.2774	26.39645	0.22734	2.404258	490.6001	1381.254	0.283075	0.500743	298.3309	74.44405	0.760315	100	2.4
2456.383	1853.883	340.2818	26.42599	0.240727	2.068603	490.5016	1383.078	0.295754	0.523513	249.4125	60.90395	0.621357	100	1.5
2456.535	1854.035	340.2862	26.42278	0.231062	2.283835	490.2438	1384.716	0.286625	0.501076	292.9726	72.73394	0.742144	100	2.2
2456.688	1854.188	340.2906	26.31522	0.241212	2.019667	490.8788	1388.555	0.296248	0.52249	250.142	61.079	0.625701	100	1.5
2456.84	1854.34	340.295	26.30305	0.237861	2.135161	491.9567	1392.676	0.293091	0.512409	268.4094	65.68645	0.673208	100	1.8
2456.993	1854.493	340.2994	26.2763	0.224882	2.56828	493.4195	1394.943	0.280843	0.483052	325.826	84.72496	0.869196	100	3
2457.145	1854.645	340.3038	26.27547	0.205022	3.585942	494.1	1395.221	0.262183	0.442042	408.1692	174.5966	1.791263	100	8
2457.297	1854.797	340.3082	26.26194	0.217071	3.124031	494.3916	1394.171	0.273518	0.4714	352.0132	98.60256	1.012122	100	3.9
2457.45	1854.95	340.3126	26.30037	0.221878	2.953143	494.4067	1392.044	0.278062	0.483309	329.3073	86.27193	0.884304	100	3.2
2457.602	1855.102	340.3169	26.49006	0.221845	2.923958	494.4156	1389.181	0.278049	0.480743	332.868	87.93124	0.895054	100	3.2
2457.755	1855.255	340.3213	26.48632	0.225515	2.838308	493.6996	1384.865	0.281527	0.489136	316.4851	80.89025	0.823504	100	2.8
2457.907	1855.407	340.3257	26.5316	0.228997	2.775517	492.1391	1380.039	0.284831	0.493277	306.2112	77.10511	0.783676	100	2.6
2458.059	1855.559	340.3301	26.51919	0.237704	2.426343	489.2609	1374.847	0.293082	0.508183	274.2549	67.26297	0.68396	100	1.9
2458.212	1855.712	340.3345	26.49021	0.236775	2.393234	487.8354	1371.341	0.29222	0.502723	282.9791	69.72546	0.709758	100	2
2458.364	1855.864	340.3389	26.46319	0.248825	1.989691	487.7989	1373.281	0.303662	0.528615	231.4573	56.78167	0.578577	100	1.3
2458.517	1856.017	340.3433	26.49132	0.243497	1.986205	488.1482	1372.808	0.298623	0.520122	250.1313	61.07645	0.621703	100	1.5
2458.669	1856.169	340.3477	26.52521	0.236462	2.118428	488.3813	1378.917	0.291976	0.510098	273.1382	66.9575	0.680728	100	1.9
2458.821	1856.321	340.352	26.55435	0.240352	2.048506	488.1753	1377.065	0.295677	0.52123	252.6679	61.69011	0.626514	100	1.6
2458.974	1856.474	340.3565	26.35184	0.240044	2.062757	487.9661	1381.177	0.295403	0.52108	253.2542	61.83306	0.632655	100	1.6
2459.126	1856.626	340.3608	26.34658	0.21936	2.539379	487.7665	1385.366	0.275882	0.478101	339.503	91.26109	0.933941	100	3.3
2459.279	1856.779	340.3652	26.14478	0.213986	2.747386	488.7335	1381.558	0.270843	0.461243	369.7212	112.5209	1.16015	100	4.6
2459.431	1856.931	340.3696	26.11934	0.21485	2.857319	489.799	1380.517	0.271673	0.460221	369.9866	112.7725	1.163856	100	4.6
2459.583	1857.083	340.374	25.98908	0.222966	2.688612	489.7373	1371.962	0.279332	0.474527	339.6744	91.35165	0.947385	100	3.4
2459.736	1857.236	340.3784	26.00905	0.226089	2.618457	487.7837	1370.165	0.282295	0.480394	327.4896	85.45537	0.885583	100	3
2459.888	1857.388	340.3828	26.04342	0.228584	2.49888	484.0668	1365.773	0.284668	0.489332	311.8803	79.14438	0.819136	100	2.7
2460.041	1857.541	340.3872	26.09882	0.215513	2.791534	480.7985	1359.226	0.272366	0.472826	351.6356	98.35642	1.015888	100	3.9
2460.193	1857.693	340.3916	26.14695	0.205289	2.908095	478.8171	1354.141	0.262782	0.462735	378.7857	122.0747	1.258621	100	5.3
2460.345	1857.845	340.3959	26.17177	0.205195	2.629841	478.5005	1356.358	0.262711	0.465868	374.5618	117.3646	1.208955	100	5
2460.498	1857.998	340.4003	26.18626	0.218031	2.235595	478.6259	1350.964	0.274788	0.488024	327.3201	85.38024	0.879024	100	3
2460.65	1858.15	340.4047	26.19405	0.222176	2.193807	478.8133	1353.038	0.278709	0.493232	314.7213	80.21134	0.825577	100	2.7
2460.803	1858.303	340.4091	26.20564	0.233893	1.991201	479.3351	1345.288	0.289789	0.514895	269.5357	65.98595	0.678876	100	1.8
2460.955	1858.455	340.4135	26.21664	0.232941	2.067408	480.6466	1351.723	0.288906	0.509875	277.6813	68.2136	0.701514	100	2
2461.107	1858.607	340.4179	26.21142	0.251713	1.719411	482.7285	1361.933	0.30672	0.543643	206.4999	51.57171	0.530475	100	1
2461.26	1858.76	340.4223	26.20898	0.246121	1.861871	485.425	1380.705	0.301426	0.531576	230.4567	56.56179	0.581862	100	1.3
2461.412	1858.912	340.4267	26.21952	0.246082	1.898735	488.4532	1389.655	0.301407	0.531698	230.3154	56.53082	0.581321	100	1.3
2461.564	1859.064	340.431	26.22166	0.232317	2.29631	491.0267	1393.065	0.288386	0.500319	291.5867	72.30331	0.743462	100	2.2
2461.717	1859.217	340.4354	26.22455	0.233715	2.34087	492.0952	1394.821	0.289725	0.498076	292.8348	72.6909	0.747374	100	2.2
2461.869	1859.369	340.4398	26.25117	0.23201	2.491699	492.614	1395.258	0.288131	0.492585	302.6126	75.86671	0.779264	100	2.4
2462.022	1859.522	340.4442	26.28327	0.224764	2.752387	492.97	1401.718	0.281306	0.481681	327.0786	85.27346	0.874854	100	3
2462.174	1859.674	340.4486	26.27525	0.228013	2.593265	494.097	1403.157	0.28439	0.493962	305.8747	76.98753	0.790087	100	2.6
2462.327	1859.827	340.453	26.31177	0.231811	2.448389	494.5507	1399.268	0.287995	0.504704	286.0754	70.63448	0.723918	100	2.2
2462.479	1859.979	340.4574	26.35762	0.240566	2.215809	494.2316	1400.58	0.296298	0.519676	253.9563	62.00482	0.634406	100	1.6
2462.631	1860.131	340.4618	26.3125	0.245074	2.23165	493.918	1400.04	0.300589	0.525082	240.5732	58.83127	0.602944	100	1.5
2462.784	1860.284	340.4662	26.20352	0.243342	2.280846	494.3784	1410.885	0.298964	0.520585	249.0229	60.81072	0.625754	100	1.6
2462.936	1860.436	340.4706	25.93939	0.232991	2.569912	494.7284	1409.442	0.289179	0.500592	290.1156	71.85119	0.746686	100	2.3
2463.089	1860.589	340.475	25.94598	0.227522	2.616175	494.9642	1415.683	0.28403	0.490156	311.6236	79.04953	0.821297	100	2.7
2463.241	1860.741	340.4793	25.87593	0.233526	2.428204	495.0932	1408.62	0.289721	0.501242	288.4722	71.35193	0.74328	100	2.2
2463.394	1860.894	340.4837	25.95466	0.236658	2.379174	495.2188	1405.648	0.292701	0.5088	273.9279	67.17332	0.697693	100	2
2463.546	1861.046	340.4881	26.03936	0.235245	2.372742	495.4478	1402.495	0.291381	0.507013	278.2164	68.36395	0.707819	100	2
2463.698	1861.198	340.4925	26.24648	0.241642	2.141671	494.734	1398.263	0.297456	0.520093	251.7824	61.47499	0.631617	100	1.6
2463.851	1861.351	340.4969	26.30416	0.238932	2.174998	493.3997	1399.891	0.294906	0.51479	262.6188	64.17654	0.657975	100	1.7
2464.003	1861.503	340.5013	26.35688	0.243651	2.111369	490.9667	1397.262	0.299396	0.526053	240.8804	58.90185	0.602728	100	1.4
2464.155	1861.655	340.5057	26.33044	0.239948	2.190031	489.5444	1400.506	0.295903	0.520578	253.2565	61.83363	0.633351	100	1.6
2464.308	1861.808	340.5101	26.36226	0.240315	2.137412	489.9035	1393.449	0.296269	0.522504	250.0941	61.06749	0.624776	100	1.6
2464.46	1861.96	340.5144	26.34676	0.232056	2.211025	491.4824	1392.109	0.28847	0.50547	284.3629	70.12932	0.717903	100	2.1
2464.613	1862.113	340.5189	26.3442	0.23145	2.299706	493.1586	1394.406	0.287914	0.503223	288.2312	71.27924	0.72975	100	2.2
2464.765	1862.265	340.5232	26.44175	0.205606	3.301864	492.9986	1405.785	0.263601	0.446231	400.4317	156.3343	1.594814	100	7
2464.917	1862.417	340.5276	26.44953	0.212242	3.124488	491.7281	1409.307	0.269847	0.464427	366.7019	109.7618	1.119404	100	4.5
2465.07	1862.57	340.532	26.52963	0.221641	2.708311	490.6975	1405.665	0.278709	0.507171	295.4866	73.52706	0.747673	100	2.5
2465.222	1862.722	340.5364	26.6	0.171367	2.878005	491.1734	1403.395	0.231737	0.443471	448.2134	294.4094	2.986095	100	16.6
2465.375	1862.875	340.5408	26.65331	0.152765	2.873595	493.581	1406.588	0.214589	0.43396	485.0036	385.2348	3.899758	100	24.7
2465.527	1863.027	340.5452	26.70869	0.166077	2.86912	495.0367	1404.869	0.226876	0.442989	455.5855	313.9283	3.171553	100	18.3
2465.679	1863.179	340.5496	26.78813	0.208025	3.419985	494.7415	1408.346	0.265974	0.492326	333.5466	88.25697	0.889085	100	3.6
2465.832	1863.332	340.554	26.8742	0.227084	2.805551	490.7635	1401.365	0.283929	0.500309	297.752	74.25566	0.745722	100	2.4
2465.984	1863.484	340.5583	26.95347	0.225184	2.998909	483.3643	1403.706	0.282153	0.495756	306.4853	77.20114	0.773098	100	2.6
2466.137	1863.637	340.5627	27.02933	0.214674	3.376425	477.6111	1396.508	0.272272	0.479803	342.1361	92.67993	0.925588	100	3.6

2466.289	1863.789	340.5671	27.05109	0.200846	3.590177	476.7306	1396.954	0.259314	0.461357	385.4744	130.6317	1.303604	100	5.8
2466.441	1863.941	340.5715	27.12148	0.207066	2.914589	481.4468	1387.641	0.265161	0.482216	348.62	96.45068	0.960092	100	3.8
2466.594	1864.094	340.5759	27.19513	0.223634	2.351136	488.311	1385.112	0.280761	0.513487	283.938	70.00491	0.695022	100	2.2
2466.746	1864.246	340.5803	27.17077	0.228799	2.721341	492.7675	1378.874	0.285652	0.519979	268.2288	65.63859	0.652244	100	2
2466.899	1864.399	340.5847	27.24335	0.223763	3.256458	493.8729	1376.303	0.280918	0.507032	292.6298	72.627	0.719832	100	2.5
2467.051	1864.551	340.5891	27.31569	0.226261	3.143031	492.097	1375.288	0.283292	0.508321	287.5754	71.08205	0.702718	100	2.3
2467.203	1864.703	340.5934	27.39785	0.236338	2.859384	489.0961	1374.912	0.292832	0.522791	254.4412	62.12381	0.61238	100	1.8
2467.356	1864.856	340.5979	27.48096	0.229266	3.104765	486.7339	1375.457	0.286163	0.506834	285.6655	70.51302	0.693047	100	2.2
2467.508	1865.008	340.6022	27.6054	0.228681	2.889923	487.1131	1377.801	0.285628	0.509906	282.1639	69.48935	0.680013	100	2.2
2467.661	1865.161	340.6066	27.55998	0.23264	2.560387	490.0862	1379.176	0.289386	0.520649	262.1524	64.05702	0.627857	100	1.8
2467.813	1865.313	340.611	27.52847	0.242889	2.212117	493.2107	1382.58	0.299107	0.539162	223.1893	54.99365	0.539624	100	1.2
2467.965	1865.465	340.6154	27.54682	0.234975	2.490333	494.8351	1391.036	0.291629	0.521703	257.6028	62.90693	0.61688	100	1.7
2468.118	1865.618	340.6198	27.72595	0.249593	2.109123	495.2434	1397.294	0.305504	0.547681	202.6053	50.80678	0.495114	100	1
2468.27	1865.77	340.6242	27.78064	0.250993	2.17314	496.0939	1401.148	0.306852	0.548111	200.1519	50.33113	0.489549	100	1
2468.423	1865.923	340.6286	27.76073	0.243966	2.412421	496.6148	1401.358	0.300197	0.533038	230.1354	56.4914	0.549853	100	1.3
2468.575	1866.075	340.633	27.77508	0.249615	2.264927	497.6228	1401.87	0.305577	0.543441	208.3543	51.94026	0.505307	100	1.1
2468.728	1866.228	340.6374	27.68131	0.257153	2.087904	496.9069	1401.813	0.312762	0.555272	182.1127	46.97427	0.458495	100	0.8
2468.88	1866.38	340.6417	27.58009	0.241274	2.543231	495.3979	1398.842	0.297697	0.520923	250.305	61.1182	0.598671	100	1.6
2469.032	1866.532	340.6461	27.33344	0.235225	2.744127	493.1407	1394.299	0.291987	0.507733	276.3864	67.85194	0.670439	100	2
2469.185	1866.685	340.6505	27.2371	0.226911	3.033652	491.878	1389.205	0.284147	0.495928	303.4966	76.16716	0.755185	100	2.5
2469.337	1866.837	340.6549	27.25062	0.228933	2.664684	491.6902	1385.097	0.286074	0.506883	285.7198	70.52907	0.698954	100	2.2
2469.489	1866.989	340.6593	27.34625	0.246482	2.067927	493.9966	1382.911	0.302706	0.540361	216.567	53.60697	0.529459	100	1.1
2469.642	1867.142	340.6637	27.27743	0.251575	1.941673	496.002	1376.873	0.30756	0.54436	204.3503	51.148	0.506411	100	0.9
2469.794	1867.294	340.6681	27.2605	0.258324	1.966026	495.8911	1370.944	0.313997	0.553407	182.9823	47.13063	0.46692	100	0.7
2469.947	1867.447	340.6725	27.22208	0.24453	2.373933	494.1677	1363.311	0.300906	0.526419	238.2921	58.31032	0.578471	100	1.4
2470.099	1867.599	340.6769	27.1078	0.232052	2.828076	491.2341	1356.43	0.289108	0.505775	283.0617	69.74947	0.694785	100	2.2
2470.251	1867.751	340.6812	27.01904	0.212243	3.303694	489.6909	1350.608	0.270455	0.467624	361.4511	105.3795	1.053053	100	4.2
2470.404	1867.904	340.6856	27.14725	0.208248	3.262318	488.9821	1344.589	0.266721	0.463699	372.0204	114.7532	1.141485	100	4.7
2470.556	1868.056	340.69	27.27393	0.205543	3.045497	488.4321	1339.178	0.2642	0.458957	382.0428	126.059	1.248316	100	5.3
2470.708	1868.208	340.6944	27.16888	0.214393	2.701922	487.0527	1337.375	0.272527	0.474823	348.6573	96.47359	0.958928	100	3.6
2470.861	1868.361	340.6988	27.06199	0.221947	2.416634	485.9465	1338.747	0.279656	0.489129	319.0761	81.91204	0.817312	100	2.7
2471.013	1868.513	340.7032	26.96107	0.228706	2.186383	484.634	1342.368	0.28605	0.505159	288.1327	71.24956	0.713508	100	2.1
2471.166	1868.666	340.7076	27.08505	0.237164	1.948073	484.2658	1345.274	0.294065	0.52372	251.4575	61.39631	0.612113	100	1.5
2471.318	1868.818	340.712	26.97981	0.227556	2.15392	485.1931	1348.375	0.284998	0.505124	289.6311	71.70336	0.717582	100	2.1
2471.471	1868.971	340.7164	27.10458	0.219407	2.384338	488.4567	1351.475	0.277332	0.489187	322.2046	83.18719	0.8288	100	2.8
2471.623	1869.123	340.7207	27.28542	0.209543	2.708541	491.6874	1356.172	0.268075	0.469622	361.9784	105.7977	1.047311	100	4.1
2471.775	1869.275	340.7251	27.4142	0.223954	2.512283	492.8462	1355.439	0.281652	0.496942	305.5399	76.87094	0.757505	100	2.5
2471.928	1869.428	340.7295	27.39948	0.234392	2.457387	490.8249	1353.169	0.291527	0.514929	267.091	65.33829	0.6442	100	1.8
2472.08	1869.58	340.7339	27.38863	0.234998	2.641853	485.5232	1346.404	0.292118	0.516145	264.5971	64.68685	0.638027	100	1.8
2472.233	1869.733	340.7383	27.51797	0.21194	3.357592	478.7351	1341.36	0.270395	0.477143	348.3978	96.31433	0.945665	100	3.7
2472.385	1869.885	340.7427	27.42306	0.195495	3.855189	473.1383	1329.736	0.255002	0.455006	400.1899	155.8274	1.535133	100	7.2
2472.537	1870.037	340.7471	27.31908	0.181524	2.523275	470.1497	1320.18	0.241995	0.436725	443.3668	281.1823	2.780298	100	14.4
2472.69	1870.19	340.7515	27.32114	0.186961	3.311078	469.9035	1309.965	0.247073	0.453602	413.0681	188.5337	1.86408	100	9.2
2472.842	1870.342	340.7558	27.3232	0.203743	2.438165	471.5397	1304.317	0.262773	0.483033	350.7884	97.81038	0.967013	100	3.8
2472.995	1870.495	340.7603	27.43802	0.209069	2.485473	473.0574	1297.121	0.267785	0.489884	334.416	88.67901	0.87319	100	3.3
2473.147	1870.647	340.7646	27.65139	0.202077	2.864376	474.516	1293.564	0.261246	0.469152	372.0508	114.7835	1.1218	100	4.7
2473.299	1870.799	340.769	27.76625	0.201093	2.973792	474.7429	1292.605	0.260342	0.463966	380.4539	124.0744	1.20776	100	5.2
2473.452	1870.952	340.7734	27.8983	0.199465	3.093633	473.6921	1294.436	0.258836	0.457954	390.8312	138.6498	1.343474	100	6
2473.604	1871.104	340.7778	27.94487	0.203487	2.79496	472.3802	1292.249	0.262619	0.468349	371.2644	114.0061	1.102913	100	4.6
2473.757	1871.257	340.7822	28.11938	0.196889	2.795748	472.2911	1296.58	0.256461	0.456641	395.9195	147.4285	1.417705	100	6.4
2473.909	1871.409	340.7866	28.30385	0.20037	2.496734	473.3195	1291.96	0.259735	0.465973	378.5242	121.7687	1.163594	100	4.9
2474.062	1871.562	340.791	28.32088	0.198781	2.403922	475.159	1281.479	0.258265	0.465677	380.9595	124.6973	1.190898	100	5.1
2474.214	1871.714	340.7954	28.43088	0.19667	2.366881	474.8167	1272.078	0.256308	0.459973	391.5322	139.7874	1.330038	100	5.8
2474.366	1871.866	340.7997	28.51884	0.206647	1.876651	472.2681	1269.303	0.265668	0.474876	358.049	102.7886	0.975101	100	3.6
2474.519	1872.019	340.8041	28.62402	0.219367	1.462381	469.8997	1274.358	0.27764	0.4938	315.4122	80.47575	0.760731	100	2.3
2474.671	1872.171	340.8085	28.62618	0.224232	1.423269	469.7151	1283.414	0.282242	0.501091	299.0006	74.66313	0.705739	100	1.9
2474.823	1872.323	340.8129	28.75486	0.206927	1.765114	472.4883	1296.339	0.265982	0.465795	370.1479	112.9263	1.062816	100	4
2474.976	1872.476	340.8173	28.94057	0.200262	1.960229	477.1184	1304.472	0.259754	0.453746	395.3689	146.4175	1.36951	100	5.8
2475.128	1872.628	340.8217	28.97888	0.193962	2.363679	481.0846	1310.426	0.253881	0.440838	421.2878	216.6425	2.02379	100	9.5
2475.281	1872.781	340.8261	29.0695	0.208758	2.131517	482.193	1319.407	0.267752	0.471404	359.9649	104.2253	0.970716	100	3.7
2475.433	1872.933	340.8305	29.19646	0.214729	2.160382	480.514	1335.422	0.273379	0.478842	341.9354	92.56967	0.858556	100	3
2475.585	1873.085	340.8348	29.31576	0.221612	2.129682	477.5233	1356.348	0.279876	0.489926	317.6735	81.35521	0.751594	100	2.4
2475.738	1873.238	340.8393	29.14692	0.198971	2.994726	475.2843	1372.288	0.258633	0.443219	411.4447	183.6846	1.706435	100	7.8
2475.89	1873.39	340.8436	28.9528	0.204275	2.821469	476.9427	1374.052	0.263616	0.459436	382.1878	126.2442	1.180396	100	5
2476.042	1873.542	340.848	29.01079	0.20407	2.810843	481.485	1370.294	0.263442	0.462239	378.5604	121.8109	1.136759	100	4.7
2476.195	1873.695	340.8524	29.05697	0.216981	2.416252	486.5034	1368.801	0.275584	0.488099	326.1177	84.85191	0.790646	100	2.7
2476.347	1873.847	340.8568	29.10266	0.239886	1.920583	488.5638	1369.678	0.29723	0.52892	239.9134	58.68002	0.545955	100	1.2
2476.5	1874	340.8612	28.93914	0.236565	2.094686	488.5759	1372.128	0.294102	0.51516	263.2187	64.3307	0.601792	100	1.5
2476.652	1874.152	340.8656	28.95845	0.221295	2.558873	487.9766	1377.058	0.279698	0.473747	340.2466	91.65572	0.856864	100	3
2476.805	1874.305	340.87	28.72171	0.224737	2.453301	487.0966	1376.2	0.28296	0.472432	337.5596	90.25101	0.850442	100	2.9
2476.957	1874.457	340.8744	28.50329	0.229491	2.332731	486.3789	1376.861	0.287465	0.480135	320.7126	82.57316	0.78385	100	2.5
2477.109	1874.609	340.8787	28.37367	0.221549	2.566447	484.465	1377.956	0.27999	0.466128	350.3574	97.53585	0.929978	100	3.3
2477.262	1874.762	340.8831	28.52772	0.222992	2.361469	486.0371	1379.461	0.281366	0.479579	329.8958	86.54055	0.820847	100	2.7
2477.414	1874.914	340.8875	28.57768	0.224658	2.120374	486.5744	1385.778	0.282955	0.491651	311.0445	78.83647	0.746517	100	2.3
2477.567	1875.067	340.8919	28.3867	0.218958	2.093432	494.9008	1389.095	0.2776	0.478562	336.4963	89.711	0.855012	100	2.9
2477.719	1875.219	340.8963	28.50815	0.210479	2.529055	496.8506	1392.408	0.269644	0.449084	388.1544	134.4997	1.276621	100	5.2
2477.871	1875.371	340.9007	28.70804	0.227932	2.29711	496.8473	1387.553	0.286096	0.477834	325.777	84.70369	0.798581	100	2.5
2478.024	1875.524	340.9051	28.71972	0.22925	2.413739	494.0765	1390.995	0.287358	0.475191	327.6828	85.54123	0.806168	100	2.6
2478.176	1875.676	340.9095	28.73863	0.228599	2.433677	492.1316	1396.818	0.286761	0.475907	327.5189	85.46836	0.804976	100	2.6
2478.329	1875.829	340.9139	28.65178	0.235537	2.128239	489.9724	1400.889	0.293336	0.49304	294.8021	73.30955	0.692484	100	1.9

2478.481	1875.981	340.9183	28.52411	0.248564	1.768952	487.8128	1399.453	0.305702	0.524428	234.4203	57.43856	0.544913	100	1.1
2478.633	1876.133	340.9226	28.54333	0.252739	1.603572	485.9973	1405.101	0.309686	0.534298	215.3024	53.34658	0.505769	100	0.8
2478.786	1876.286	340.927	28.41434	0.240615	1.848468	485.6867	1403.524	0.298196	0.510504	263.9941	64.53072	0.614489	100	1.5
2478.938	1876.438	340.9314	28.38053	0.245111	1.793386	486.3609	1397.571	0.302476	0.520272	244.609	59.7667	0.569783	100	1.2
2479.091	1876.591	340.9358	28.18017	0.235394	1.857785	486.1467	1388.181	0.293287	0.498484	287.3557	71.0162	0.681684	100	1.8
2479.243	1876.743	340.9402	28.03755	0.228574	2.000214	484.9946	1391.49	0.286857	0.481814	319.2335	81.97505	0.790751	100	2.4
2479.396	1876.896	340.9446	27.9995	0.219769	2.282206	484.6335	1402.421	0.27857	0.462054	357.9381	102.707	0.992047	100	3.5
2479.548	1877.048	340.949	28.07668	0.206088	2.873451	485.682	1415.045	0.26573	0.434701	413.4054	189.5716	1.826221	100	8
2479.7	1877.2	340.9534	28.12043	0.219913	2.384862	489.6069	1417.699	0.278741	0.471856	344.1764	93.82199	0.902475	100	3.2
2479.853	1877.353	340.9578	28.20711	0.216547	2.530931	494.4716	1417.124	0.275589	0.46653	355.8752	101.224	0.970792	100	3.6
2480.005	1877.505	340.9621	28.20922	0.247689	1.860012	498.5134	1418.62	0.305043	0.531053	226.1872	55.6345	0.53353	100	1.1
2480.157	1877.657	340.9665	28.08721	0.249209	2.003563	503.0373	1420.517	0.306504	0.527879	228.5515	56.14583	0.540698	100	1.1
2480.31	1877.81	340.9709	28.03405	0.264141	1.778593	505.7631	1420.001	0.320731	0.5504	177.8392	46.21368	0.445868	100	0.6
2480.462	1877.962	340.9753	28.11986	0.249546	2.158577	505.973	1418.791	0.306858	0.512675	249.0438	60.8157	0.585023	100	1.3
2480.615	1878.115	340.9797	28.16568	0.255655	1.941634	502.0043	1418.048	0.312683	0.523087	226.6367	55.7313	0.535275	100	1
2480.767	1878.267	340.9841	28.16779	0.244717	2.209346	495.8572	1422.084	0.302309	0.500093	272.6851	66.83416	0.641871	100	1.6
2480.919	1878.419	340.9885	28.15167	0.23509	2.467981	489.6624	1421.651	0.293205	0.48514	305.8829	76.99042	0.739827	100	2.2
2481.072	1878.572	340.9929	28.1874	0.236465	2.375708	486.6766	1415.128	0.294525	0.496462	288.4385	71.34177	0.684713	100	2
2481.224	1878.724	340.9973	28.25096	0.238896	2.192158	485.5091	1398.615	0.296843	0.50927	267.5643	65.46298	0.62693	100	1.6
2481.376	1878.876	341.0016	28.3099	0.241773	2.068553	483.113	1373.222	0.299586	0.518713	250.7466	61.22457	0.585165	100	1.4
2481.529	1879.029	341.006	28.38295	0.228502	2.330311	480.1334	1363.048	0.287048	0.491064	306.2064	77.10342	0.735105	100	2.3
2481.681	1879.181	341.0104	28.45088	0.203995	3.079541	479.0629	1364.96	0.264009	0.438255	410.8762	182.0424	1.731607	100	7.7
2481.834	1879.334	341.0148	28.48711	0.185213	3.9202	481.8373	1384.494	0.24648	0.391313	499.8458	417.6514	3.9679	100	20.8
2481.986	1879.486	341.0192	28.58561	0.205237	2.775537	487.6082	1398.646	0.265208	0.442607	403.2163	162.4347	1.538092	100	6.7
2482.139	1879.639	341.0236	28.69504	0.237799	1.945409	493.7613	1420.759	0.295907	0.507438	271.3845	66.48194	0.627205	100	1.6
2482.291	1879.791	341.028	28.78916	0.246374	1.941164	498.4374	1426.615	0.304053	0.517924	245.6716	60.016	0.564423	100	1.2
2482.443	1879.943	341.0324	28.79132	0.248254	2.010809	500.326	1422.781	0.305855	0.517611	243.6172	59.53516	0.559865	100	1.2
2482.596	1880.096	341.0368	28.65768	0.260121	1.89496	499.1554	1418.372	0.317158	0.542492	193.6833	49.09944	0.463809	100	0.7
2482.748	1880.248	341.0411	28.72314	0.262688	1.987679	496.3202	1415.775	0.319621	0.550303	179.5045	46.50854	0.438372	100	0.6
2482.901	1880.401	341.0455	28.78696	0.259521	2.256552	493.6107	1417.363	0.316621	0.547172	187.9652	48.03698	0.451814	100	0.8
2483.053	1880.553	341.0499	28.77003	0.250857	2.306851	492.0776	1418.625	0.308397	0.530687	222.0646	54.75537	0.5153	100	1.1
2483.206	1880.706	341.0543	28.68491	0.253299	2.034479	492.3292	1418.944	0.310735	0.53454	213.5202	52.98196	0.500042	100	0.9
2483.358	1880.858	341.0587	28.67755	0.271362	1.582543	494.2485	1418.521	0.327967	0.569321	141.7433	40.27087	0.380173	100	0.2
2483.51	1881.01	341.0631	28.59828	0.283508	1.458814	496.2652	1419.589	0.339603	0.593535	92.26997	33.357	0.315748	92.7	0
2483.663	1881.163	341.0675	28.68927	0.284471	1.495847	497.6049	1419.557	0.340543	0.59396	90.38586	33.11866	0.312535	92.4	0
2483.815	1881.315	341.0719	28.78697	0.260688	1.940872	497.1714	1420.468	0.317836	0.545128	189.1108	48.24789	0.45382	100	0.7
2483.967	1881.467	341.0762	28.78913	0.252841	1.994795	496.4002	1423.076	0.310385	0.527471	223.7584	55.11467	0.518375	100	1
2484.12	1881.62	341.0807	28.73377	0.246231	2.102715	495.3647	1426.927	0.304123	0.518194	245.2025	59.9058	0.564489	100	1.3
2484.272	1881.772	341.085	28.76809	0.257822	1.765299	495.6158	1431.065	0.315158	0.544499	193.6738	49.09765	0.462116	100	0.7
2484.425	1881.925	341.0894	28.82912	0.248017	1.930218	497.3113	1434.564	0.305854	0.524794	233.7062	57.27943	0.538028	100	1.1
2484.577	1882.077	341.0938	28.81695	0.245051	1.980538	499.5591	1436.06	0.303055	0.520485	243.5144	59.51122	0.559223	100	1.2
2484.729	1882.229	341.0982	28.87433	0.240046	2.109151	501.8546	1435.205	0.298328	0.513189	260.107	63.53648	0.595909	100	1.5
2484.882	1882.382	341.1026	28.73334	0.250985	1.917132	502.7526	1432.873	0.308724	0.534433	216.4429	53.58137	0.504922	100	1
2485.034	1882.534	341.107	28.68439	0.250496	1.919317	502.7033	1429.013	0.308277	0.530411	222.6113	54.87103	0.517931	100	1
2485.187	1882.687	341.1114	28.70646	0.255247	1.892579	501.3116	1423.225	0.312811	0.535571	209.2338	52.11603	0.491566	100	0.9
2485.339	1882.839	341.1158	28.81317	0.266426	1.733118	498.8048	1417.871	0.323477	0.555697	166.7396	44.29674	0.416324	100	0.5
2485.491	1882.991	341.1201	28.91706	0.262519	1.870429	495.2508	1414.28	0.319769	0.546865	184.0449	47.32241	0.443223	100	0.6
2485.644	1883.144	341.1245	28.8567	0.248405	2.081742	492.2607	1415.549	0.306359	0.518578	241.5867	59.0645	0.55432	100	1.2
2485.796	1883.296	341.1289	28.85097	0.251529	1.812972	489.8228	1416.086	0.309344	0.530071	221.6069	54.65872	0.513074	100	1
2485.949	1883.449	341.1333	28.78846	0.254451	1.604352	488.5416	1415.561	0.312139	0.536441	208.9595	52.06113	0.489718	100	0.8
2486.101	1883.601	341.1377	28.72919	0.245764	1.623276	485.9999	1410.262	0.303904	0.519575	243.5986	59.53082	0.561102	100	1.1
2486.253	1883.753	341.1421	28.66765	0.259743	1.403317	485.1255	1407.836	0.31721	0.547549	186.6327	47.79285	0.451404	100	0.5
2486.406	1883.906	341.1465	28.6651	0.260039	1.410599	484.5354	1406.057	0.31751	0.54771	185.9972	47.67687	0.450351	100	0.5
2486.558	1884.058	341.1509	28.6546	0.267432	1.329008	484.9927	1412.766	0.324575	0.565013	152.3676	41.93459	0.396253	100	0.2
2486.71	1884.21	341.1552	28.66257	0.252182	1.554008	485.0599	1415.431	0.310068	0.536943	211.1259	52.49637	0.495925	100	0.8
2486.863	1884.363	341.1597	28.67568	0.245938	1.693872	484.568	1415.616	0.304155	0.527583	232.2021	56.94596	0.537727	100	1.1
2487.015	1884.515	341.164	28.67994	0.242808	1.745334	483.7016	1415.8	0.301203	0.520123	246.5698	60.22774	0.568639	100	1.2
2487.168	1884.668	341.1684	28.68349	0.246023	1.653222	484.0543	1409.444	0.30427	0.529517	229.375	56.32521	0.531734	100	1
2487.32	1884.82	341.1728	28.69282	0.241005	1.729377	485.0749	1401.939	0.299528	0.52377	243.8489	59.58915	0.562375	100	1.2
2487.473	1884.973	341.1772	28.71128	0.244827	1.680559	485.7958	1393.69	0.30317	0.534308	224.2805	55.22594	0.520878	100	1
2487.625	1885.125	341.1816	28.73088	0.257695	1.463198	484.3848	1387.945	0.315415	0.557835	174.9151	45.70057	0.430757	100	0.5
2487.777	1885.277	341.186	28.75537	0.276499	1.266392	478.9573	1381.355	0.333374	0.589623	106.2639	35.18189	0.331342	94.9	0
2487.93	1885.43	341.1904	28.77157	0.273513	1.315255	477.3997	1381.113	0.330537	0.583067	119.2268	36.9616	0.347917	100	0
2488.082	1885.582	341.1948	28.78938	0.268401	1.401195	481.7147	1384.932	0.325671	0.572086	141.0949	40.17153	0.377909	100	0.2
2488.235	1885.735	341.1992	28.80398	0.247905	1.682959	492.898	1384.599	0.306176	0.530612	225.2327	55.42954	0.521196	100	1
2488.387	1885.887	341.2035	28.8097	0.240858	1.819321	499.1659	1378.267	0.299509	0.513473	258.0848	63.02747	0.59253	100	1.4
2488.54	1886.04	341.208	28.9084	0.245918	1.716532	496.1432	1373.348	0.304324	0.521437	240.4497	58.80292	0.550998	100	1.1
2488.692	1886.192	341.2123	29.00315	0.248571	1.700531	490.4387	1370.105	0.30686	0.525482	231.3679	56.76198	0.530203	100	1
2488.844	1886.344	341.2167	29.025	0.2465	1.826806	484.4375	1368.866	0.304911	0.519938	241.7095	59.09284	0.551578	100	1.2
2488.997	1886.497	341.2211	28.95116	0.243308	1.885221	484.6487	1370.351	0.3019	0.512584	256.0117	62.5112	0.584925	100	1.3
2489.149	1886.649	341.2255	28.78028	0.237067	1.850421	488.5337	1374.377	0.296004	0.501019	280.1087	68.89976	0.648401	100	1.7
2489.301	1886.801	341.2299	28.72726	0.251964	1.419628	494.3415	1382.155	0.310152	0.530412	220.022	54.32553	0.512161	100	0.8
2489.454	1886.954	341.2343	28.67024	0.256374	1.30764	498.2479	1387.936	0.314363	0.53534	207.4094	51.75212	0.48884	100	0.7
2489.606	1887.106	341.2387	28.70289	0.248834	1.508227	500.207	1394.25	0.307213	0.515907	244.0948	59.64653	0.562795	100	1.1
2489.759	1887.259	341.2431	28.74732	0.248227	1.542537	501.1804	1403.692	0.306653	0.513875	247.6707	60.48849	0.569893	100	1.1
2489.911	1887.411	341.2474	28.94748	0.253075	1.459011	502.8692	1415.103	0.311276	0.528186	221.5416	54.64495	0.511408	100	0.8
2490.063	1887.563	341.2518	29.05152	0.261071	1.392648	504.5714	1420.802	0.318904	0.547903	183.8061	47.27923	0.440949	100	0.5
2490.216	1887.716	341.2562	29.0418	0.262088	1.438369	507.0365	1421.745	0.31989	0.553514	174.7032	45.6636	0.426022	100	0.4
2490.368	1887.868	341.2606	29.1307	0.266555	1.429548	509.2108	1414.879	0.324167	0.564506	153.6306	42.13694	0.391966	100	0.3
2490.521	1888.021	341.265	28.96511	0.258982	1.628404	509.0844	1406.267	0.316966	0.547556	186.9605	47.85277	0.447593	100	0.6

2490.673	1888.173	341.2694	28.80296	0.260407	1.709704	505.2815	1393.036	0.318339	0.548385	183.9207	47.29995	0.444828	100	0.6
2490.825	1888.325	341.2738	28.63499	0.25755	1.860503	499.7772	1380.632	0.315637	0.540144	199.0229	50.11384	0.473963	100	0.8
2490.978	1888.478	341.2782	28.61934	0.249942	1.896787	494.6136	1361.278	0.308419	0.52802	225.7149	55.53297	0.525497	100	1
2491.13	1888.63	341.2825	28.54218	0.234069	1.978007	491.2255	1346.911	0.29339	0.499288	286.1044	70.64308	0.670231	100	1.8
2491.283	1888.783	341.287	28.50189	0.228907	1.941445	488.1167	1323.179	0.288528	0.494142	299.9155	74.96444	0.712208	100	2.1
2491.435	1888.935	341.2913	28.45635	0.226322	1.867138	485.4348	1301.12	0.286105	0.492878	305.0029	76.6847	0.729683	100	2.1
2491.587	1889.087	341.2957	28.42916	0.216408	2.057232	481.4355	1280.67	0.276781	0.470485	348.7735	96.54516	0.919519	100	3.2
2491.74	1889.24	341.3001	28.43594	0.215433	2.003391	477.5804	1270.488	0.27588	0.464225	358.6561	103.2378	0.983043	100	3.5
2491.892	1889.392	341.3045	28.45816	0.207326	2.247474	471.8242	1266.12	0.268282	0.445758	394.6252	145.0766	1.380407	100	5.7
2492.044	1889.544	341.3089	28.35574	0.189039	2.983906	470.3956	1269.236	0.251194	0.402173	478.3531	369.975	3.532632	100	17.9
2492.197	1889.697	341.3133	28.23898	0.193422	3.075102	470.3092	1273.582	0.255301	0.418061	450.7607	301.2345	2.887794	100	14.2
2492.349	1889.849	341.3177	28.11375	0.198086	2.851568	471.3285	1274.207	0.259677	0.427222	432.0795	249.0974	2.398283	100	11.3
2492.502	1890.002	341.3221	28.00122	0.205056	2.465592	472.4	1273.364	0.266221	0.444344	399.4197	154.2361	1.490753	100	6.4
2492.654	1890.154	341.3264	27.88488	0.198992	2.538744	472.8056	1273.577	0.260559	0.427288	430.7716	245.259	2.380114	100	11.1
2492.807	1890.307	341.3308	27.78193	0.214695	2.068776	473.0892	1281.667	0.275306	0.457595	368.5976	111.4721	1.085669	100	4
2492.959	1890.459	341.3352	27.67162	0.201683	2.411039	472.4019	1286.413	0.263112	0.419805	437.5741	264.9452	2.590383	100	11.9
2493.111	1890.611	341.3396	27.74511	0.216151	2.063198	474.4319	1289.162	0.276709	0.452336	373.9185	116.6886	1.137953	100	4.2
2493.264	1890.764	341.344	27.72514	0.216645	2.157972	477.0636	1286.957	0.277192	0.449738	376.837	119.8412	1.169523	100	4.4
2493.416	1890.916	341.3484	27.78961	0.220824	2.190014	478.5806	1294.108	0.281143	0.455796	363.0239	106.6407	1.038372	100	3.7
2493.569	1891.069	341.3528	27.77967	0.212934	2.480439	479.3866	1308.694	0.273736	0.433063	404.6178	165.6978	1.613988	100	6.7
2493.721	1891.221	341.3572	27.79423	0.207763	2.594557	481.4361	1335.19	0.268897	0.42871	417.3021	202.3744	1.970256	100	8.6
2493.874	1891.374	341.3616	27.70348	0.194837	2.897239	486.5466	1358.972	0.256811	0.409214	460.8858	327.5311	3.198884	100	15.6
2494.026	1891.526	341.3659	27.52778	0.193389	2.937487	493.2655	1382.012	0.255475	0.414632	455.2517	313.0597	3.076474	100	15.1
2494.178	1891.678	341.3703	27.52616	0.212868	2.201765	498.371	1393.197	0.273742	0.459827	367.6749	110.6306	1.087251	100	4.1
2494.331	1891.831	341.3747	27.55251	0.220857	2.191015	499.5316	1405.735	0.281277	0.469422	344.0361	93.74218	0.92043	100	3.2
2494.483	1891.983	341.3791	27.66422	0.219689	2.561063	497.243	1406.721	0.280194	0.466733	349.2405	96.8343	0.947079	100	3.4
2494.635	1892.135	341.3835	27.67816	0.22437	2.810967	493.4185	1405.961	0.284623	0.483552	319.9185	82.25078	0.804061	100	2.7
2494.788	1892.288	341.3879	27.76119	0.216231	3.192512	491.5507	1396.856	0.276972	0.474222	343.3517	93.35572	0.909984	100	3.5
2494.94	1892.44	341.3923	27.7421	0.201823	3.775653	491.4245	1389.982	0.263465	0.448576	397.383	150.1928	1.464992	100	6.6
2495.093	1892.593	341.3967	27.7154	0.211117	3.24851	494.5292	1378.772	0.2722	0.473497	350.9386	97.90653	0.955886	100	3.8
2495.245	1892.745	341.4011	27.62903	0.212231	3.162095	492.8271	1370.168	0.273263	0.475185	347.1418	95.55355	0.935746	100	3.6
2495.397	1892.897	341.4054	27.73614	0.213683	2.939236	492.78	1359.372	0.274645	0.472385	349.0987	96.7463	0.943891	100	3.6
2495.55	1893.05	341.4098	27.8926	0.199986	3.474219	492.3442	1351.683	0.261814	0.429593	425.8589	230.6102	2.237713	100	10.5
2495.702	1893.202	341.4142	27.79959	0.234291	2.202943	491.2842	1347.791	0.294113	0.502144	281.166	69.20208	0.673679	100	1.9
2495.854	1893.354	341.4186	27.79193	0.239626	1.955985	488.3351	1347.164	0.299179	0.513387	258.6578	63.17114	0.615137	100	1.5
2496.007	1893.507	341.423	27.785	0.240846	1.874038	484.953	1344.575	0.300353	0.527265	237.8869	58.21836	0.567051	100	1.3
2496.159	1893.659	341.4274	27.77489	0.218834	2.365199	483.0974	1340.689	0.279576	0.499261	305.2047	76.75457	0.747864	100	2.5
2496.312	1893.812	341.4318	27.7689	0.226066	2.048777	484.0154	1337.55	0.28641	0.528861	254.926	62.24307	0.606602	100	1.7
2496.464	1893.964	341.4362	27.94143	0.210953	2.396207	486.6627	1335.295	0.272199	0.499507	315.045	80.33499	0.778247	100	2.8
2496.617	1894.117	341.4406	27.99639	0.237964	1.723573	490.0775	1328.782	0.297691	0.537935	226.8364	55.77437	0.539294	100	1.1
2496.769	1894.269	341.4449	28.1979	0.223167	2.033079	491.8695	1325.163	0.283727	0.492218	309.1963	78.16469	0.750571	100	2.3
2496.921	1894.421	341.4493	28.21856	0.257836	1.444344	492.8198	1325.33	0.316593	0.554722	177.586	46.16901	0.443025	100	0.5
2497.074	1894.574	341.4537	28.30936	0.280973	1.163115	492.2111	1327.502	0.338699	0.599727	84.97129	32.44317	0.310353	84.5	0
2497.226	1894.726	341.4581	28.30396	0.264365	1.410287	490.4232	1332.197	0.322847	0.567752	150.9731	41.71232	0.399099	100	0.3
2497.379	1894.879	341.4625	28.49592	0.248433	1.691612	487.041	1332.481	0.307703	0.535296	216.6615	53.62649	0.509755	100	0.9
2497.531	1895.031	341.4669	28.6963	0.252409	1.545392	484.7836	1331.355	0.311498	0.542441	201.564	50.60434	0.477787	100	0.7
2497.683	1895.183	341.4713	28.78161	0.252574	1.478717	484.0363	1333.141	0.311672	0.545696	196.8319	49.69495	0.467862	100	0.7
2497.836	1895.336	341.4757	28.85145	0.246002	1.493883	486.2903	1335.973	0.305447	0.537601	216.5938	53.6125	0.503569	100	0.9
2497.988	1895.488	341.4801	29.06095	0.237407	1.602846	489.0353	1340.955	0.297317	0.523582	247.1605	60.36747	0.563077	100	1.2
2498.141	1895.641	341.4845	29.10656	0.24258	1.603363	490.5896	1343.249	0.302235	0.531946	228.8293	56.20626	0.523475	100	1
2498.293	1895.793	341.4888	29.12308	0.245719	1.654269	489.8028	1342.455	0.305229	0.533981	221.8902	54.71851	0.509344	100	0.9
2498.445	1895.945	341.4932	28.95984	0.240391	1.811592	486.4639	1339.999	0.300195	0.51935	249.0291	60.8122	0.569149	100	1.3
2498.598	1896.098	341.4976	28.9033	0.241648	1.800761	482.7961	1336.357	0.301403	0.521202	244.8055	59.81271	0.560856	100	1.2
2498.75	1896.25	341.502	28.92422	0.230587	2.032159	479.761	1335.772	0.290953	0.49918	289.6166	71.69895	0.671848	100	1.9
2498.903	1896.403	341.5064	28.89558	0.216062	2.256802	479.0172	1335.756	0.277275	0.47343	344.0283	93.7378	0.879209	100	3.1
2499.055	1896.555	341.5108	28.82581	0.224567	1.882977	481.1209	1337.109	0.285303	0.496239	301.4712	75.48226	0.709641	100	2.1
2499.208	1896.708	341.5152	28.77808	0.220423	1.934929	485.9302	1340.342	0.281414	0.489835	315.6772	80.57767	0.758765	100	2.4
2499.36	1896.86	341.5196	28.81473	0.231766	1.706909	489.9536	1342.2	0.292134	0.508777	274.7431	67.39719	0.633876	100	1.6
2499.512	1897.012	341.5239	28.94936	0.226511	1.875274	491.9096	1349.756	0.287188	0.489327	308.4099	77.88255	0.729209	100	2.2
2499.665	1897.165	341.5284	29.08053	0.226687	1.951755	492.5357	1355.069	0.287371	0.485042	314.0698	79.96383	0.745444	100	2.2
2499.817	1897.317	341.5327	29.14137	0.224433	2.112099	492.7748	1356.413	0.285262	0.480641	323.0548	83.54206	0.777239	100	2.5
2499.969	1897.469	341.5371	29.12027	0.228982	2.010368	493.1186	1356.547	0.289573	0.494623	297.8099	74.27448	0.691506	100	2
2500.122	1897.622	341.5415	29.25023	0.225899	2.054658	492.6244	1353.095	0.286678	0.495479	300.6225	75.1989	0.697118	100	2.1
2500.274	1897.774	341.5459	29.2414	0.226289	2.02522	491.1765	1350.8	0.287064	0.500454	293.2256	72.81303	0.675202	100	2
2500.427	1897.927	341.5503	29.21271	0.22345	2.105243	488.7496	1346.406	0.284403	0.49768	300.7257	75.23325	0.698311	100	2.1
2500.579	1898.079	341.5547	29.26596	0.22781	1.978999	488.2083	1342.204	0.288534	0.503894	286.4495	70.74566	0.655511	100	1.8
2500.731	1898.231	341.5591	29.22017	0.222943	2.086736	488.0245	1336.962	0.283959	0.493502	307.1031	77.41851	0.718429	100	2.2
2500.884	1898.384	341.5635	29.05923	0.218506	2.122996	490.2994	1333.759	0.279796	0.479787	331.7749	87.41307	0.815516	100	2.7
2501.036	1898.536	341.5678	29.05664	0.221401	2.009164	489.3499	1332.69	0.28254	0.482438	324.3301	84.08132	0.784507	100	2.5
2501.188	1898.688	341.5722	29.20526	0.221485	1.937752	493.2502	1333.984	0.282636	0.478371	329.8098	86.50117	0.803129	100	2.6
2501.341	1898.841	341.5766	29.35835	0.237328	1.642617	494.2019	1335.93	0.297617	0.512006	262.7203	64.20257	0.593103	100	1.4
2501.493	1898.993	341.581	29.57902	0.249917	1.533413	493.6895	1337.674	0.309573	0.536112	212.9547	52.86683	0.484876	100	0.8
2501.646	1899.146	341.5854	29.58251	0.252778	1.531398	490.0947	1342.153	0.312309	0.540959	202.4902	50.78436	0.465727	100	0.7
2501.798	1899.298	341.5898	29.40332	0.257576	1.470131	488.8903	1341.635	0.31689	0.550465	183.0509	47.14299	0.434875	100	0.5
2501.951	1899.451	341.5942	29.36129	0.249641	1.611037	488.8533	1344.155	0.309362	0.536406	212.8413	52.84377	0.488139	100	0.8
2502.103	1899.603	341.5986	29.14583	0.243201	1.774873	489.1934	1347.407	0.303267	0.525465	236.3505	57.87123	0.538394	100	1.1
2502.255	1899.755	341.6029	29.10858	0.237965	1.942651	488.4804	1353.246	0.298322	0.517776	253.7845	61.96274	0.577175	100	1.4
2502.408	1899.908	341.6074	28.91629	0.232731	2.039967	487.7796	1357.138	0.293387	0.510157	271.1091	66.40773	0.622554	100	1.7
2502.56	1900.06	341.6117	28.86486	0.243417	1.78517	488.0864	1360.864	0.303522	0.53257	226.1932	55.63578	0.522471	100	1.1
2502.713	1900.213	341.6161	28.87193	0.229934	2.039888	489.6585	1362.751	0.290778	0.504654	282.304	69.52982	0.6528	100	1.8

2502.865	1900.365	341.6205	28.87863	0.242484	1.791763	490.7791	1364.129	0.302672	0.528853	232.4951	57.01074	0.535145	100	1.1
2503.018	1900.518	341.6249	28.89228	0.226411	2.20502	490.6743	1359.836	0.287485	0.496291	298.3893	74.46309	0.698653	100	2.1
2503.17	1900.67	341.6293	28.85691	0.227622	2.201993	489.4544	1357.087	0.288645	0.501242	289.9559	71.80242	0.674492	100	2
2503.322	1900.822	341.6337	28.71172	0.229209	2.20236	487.3587	1355.198	0.290161	0.506663	280.3823	68.9778	0.651127	100	1.9
2503.475	1900.975	341.6381	28.64411	0.232201	2.122504	486.8767	1354.639	0.293005	0.51391	266.4563	65.17164	0.616606	100	1.7
2503.627	1901.127	341.6425	28.63376	0.241167	1.865088	486.9561	1353.377	0.301509	0.529827	232.7567	57.06867	0.540135	100	1.2
2503.779	1901.279	341.6468	28.63186	0.234661	1.918146	488.0215	1351.832	0.295366	0.517331	258.4783	63.12608	0.597509	100	1.5
2503.932	1901.432	341.6512	28.60888	0.240095	1.80185	488.0272	1350.111	0.300527	0.529833	234.1036	57.36792	0.543432	100	1.2
2504.084	1901.584	341.6556	28.42293	0.201226	2.952783	487.1006	1348.86	0.263928	0.451714	392.4142	141.2499	1.346496	100	5.9
2504.237	1901.737	341.66	28.37035	0.216473	2.45082	486.7823	1348.79	0.278257	0.48538	326.1807	84.87936	0.810588	100	2.8
2504.389	1901.889	341.6644	28.42913	0.206217	2.622717	486.7481	1350.703	0.26864	0.462856	370.5363	113.2988	1.079836	100	4.4
2504.542	1902.042	341.6688	28.36922	0.201068	2.662622	487.6096	1352.728	0.263831	0.455711	387.0322	132.8465	1.268738	100	5.4
2504.694	1902.194	341.6732	28.32326	0.186258	2.97646	488.8574	1355.486	0.250017	0.427492	445.0374	285.7779	2.733601	100	13.9
2504.846	1902.346	341.6776	28.11523	0.189949	2.978037	490.7551	1353.801	0.253475	0.439388	423.8491	224.5095	2.162927	100	10.6
2504.999	1902.499	341.682	27.90136	0.196909	2.779592	491.2154	1353.216	0.259991	0.448876	401.7634	159.1903	1.545033	100	7
2505.151	1902.651	341.6863	27.66335	0.219694	2.227696	491.5589	1353.015	0.281391	0.48803	318.2003	81.56328	0.798222	100	2.6
2505.303	1902.803	341.6907	27.84934	0.234837	1.897956	491.0117	1348.162	0.295702	0.513133	263.8078	64.48259	0.626983	100	1.6
2505.456	1902.956	341.6951	27.71077	0.231038	1.969759	489.9043	1344.183	0.292127	0.50445	280.7247	69.07564	0.674901	100	1.9
2505.608	1903.108	341.6995	27.72203	0.234416	1.862829	487.961	1340.71	0.295337	0.514938	261.8209	63.97227	0.624798	100	1.6
2505.761	1903.261	341.7039	27.72941	0.243593	1.668516	485.6815	1336.457	0.304046	0.535823	220.9816	54.527	0.532416	100	1
2505.913	1903.413	341.7083	27.67084	0.217806	2.270662	482.9082	1333.289	0.279698	0.488376	320.058	82.3072	0.805325	100	2.7
2506.065	1903.565	341.7127	27.43785	0.186287	3.359553	481.3775	1337.108	0.250198	0.417736	458.2508	320.8127	3.164817	100	16.3
2506.218	1903.718	341.7171	27.37862	0.200105	2.84435	481.46	1342.32	0.263117	0.44562	401.9427	159.5833	1.577606	100	7.1
2506.37	1903.87	341.7215	27.44577	0.218026	2.093182	482.8725	1351.333	0.279956	0.472657	341.3939	92.27391	0.910043	100	3.2
2506.522	1904.022	341.7258	27.37658	0.203428	2.169854	484.4538	1361.991	0.266263	0.428124	421.7464	218.0587	2.155874	100	9.6
2506.675	1904.175	341.7302	27.42282	0.204543	1.887245	486.1334	1367.947	0.267324	0.426236	422.8866	221.5657	2.186983	100	9.6
2506.827	1904.327	341.7346	27.41996	0.207722	1.811442	486.9242	1372.892	0.270323	0.443065	395.5253	146.703	1.448203	100	5.9
2506.98	1904.48	341.739	27.42796	0.215252	1.818793	487.0416	1379.348	0.277413	0.469255	349.5983	97.05751	0.957857	100	3.3
2507.132	1904.632	341.7434	27.43287	0.190269	2.541098	485.9356	1381.996	0.254028	0.415745	455.7133	314.2604	3.100911	100	15.4
2507.285	1904.785	341.7478	27.46194	0.193501	2.477954	484.2852	1383.496	0.257061	0.424119	439.9712	271.7218	2.678439	100	12.9
2507.437	1904.937	341.7522	27.57278	0.178654	3.043889	483.9259	1381.385	0.24325	0.38727	509.8831	438.3788	4.304417	100	23.3
2507.589	1905.089	341.7566	27.67384	0.17141	3.524373	485.6269	1389.938	0.236548	0.371225	541.2741	497.7237	4.869862	100	27.8
2507.742	1905.242	341.761	27.75943	0.166165	3.94648	488.7686	1394.649	0.231711	0.363647	558.406	527.0499	5.141433	100	30.4
2507.894	1905.394	341.7653	27.81896	0.185578	3.303284	491.5633	1398.241	0.249741	0.414255	463.6863	334.578	3.257108	100	16.8
2508.047	1905.547	341.7698	27.80634	0.220075	2.241445	492.5134	1398.156	0.282072	0.488833	316.1518	80.76096	0.786558	100	2.6
2508.199	1905.699	341.7741	27.64525	0.216688	2.556468	492.3547	1401.773	0.2789	0.483698	327.6152	85.51115	0.837531	100	3
2508.352	1905.852	341.7785	27.6584	0.220961	2.437935	491.092	1404.997	0.28294	0.501809	297.0462	74.02723	0.724725	100	2.3
2508.504	1906.004	341.7829	27.72943	0.196816	3.264888	490.6649	1405.03	0.260294	0.463455	381.2257	125.0285	1.220998	100	5.5
2508.656	1906.156	341.7873	27.68392	0.18515	3.72076	490.9188	1410.434	0.249427	0.434379	436.3483	261.4478	2.557325	100	13.2
2508.809	1906.309	341.7917	27.71234	0.192836	3.602531	492.7246	1410.709	0.25661	0.440176	418.4356	206.3971	2.016863	100	9.8
2508.961	1906.461	341.7961	27.78772	0.214603	2.772272	495.4055	1410.524	0.277023	0.474484	342.9195	93.11389	0.907502	100	3.4
2509.113	1906.613	341.8005	27.83715	0.21505	2.78	496.2959	1416.079	0.277461	0.472053	345.6708	94.68361	0.921221	100	3.4
2509.266	1906.766	341.8049	27.91876	0.222704	2.600101	494.9163	1418.651	0.284685	0.487835	313.9227	79.90818	0.775269	100	2.6
2509.418	1906.918	341.8092	27.91947	0.223168	2.675378	493.7596	1422.778	0.28514	0.491733	307.9162	77.70656	0.753897	100	2.5
2509.571	1907.071	341.8136	28.02459	0.230007	2.561909	492.6855	1426.243	0.291611	0.510571	272.9887	66.91677	0.646863	100	1.9
2509.723	1907.223	341.818	28.02452	0.226273	2.653657	495.305	1424.839	0.288102	0.50681	283.0223	69.73801	0.674143	100	2.1
2509.875	1907.375	341.8224	28.13654	0.230731	2.533435	502.2251	1420.374	0.292329	0.511852	270.2301	66.17161	0.637207	100	1.9
2510.028	1907.528	341.8268	28.24397	0.225651	2.658974	510.305	1413.051	0.287549	0.492388	303.6878	76.23244	0.731392	100	2.4
2510.18	1907.68	341.8312	28.38089	0.237508	2.257357	517.6331	1409.367	0.298772	0.504378	271.653	66.55444	0.635564	100	1.7
2510.333	1907.833	341.8356	28.52536	0.233297	2.375242	517.8261	1408.447	0.294805	0.490215	296.673	73.90694	0.702326	100	2.1
2510.485	1907.985	341.84	28.67975	0.250911	2.037136	512.3185	1409.699	0.311519	0.527886	221.6219	54.66189	0.516745	100	1
2510.637	1908.137	341.8443	28.55771	0.24218	2.387542	502.4433	1406.9	0.303249	0.515021	250.788	61.23455	0.581275	100	1.5
2510.79	1908.29	341.8488	28.61198	0.23471	2.541742	496.8556	1407.475	0.296192	0.501721	278.8808	68.55131	0.649542	100	1.9
2510.942	1908.442	341.8531	28.67117	0.214491	3.054074	495.1601	1402.923	0.277138	0.456801	367.1642	110.1723	1.041838	100	4.1
2511.095	1908.595	341.8575	28.75387	0.219497	2.726825	496.9687	1401.961	0.281866	0.463957	350.7644	97.79503	0.92223	100	3.4
2511.247	1908.747	341.8619	28.64158	0.217998	2.752065	499.6108	1402.591	0.280472	0.456466	363.0254	106.642	1.009477	100	3.8
2511.399	1908.899	341.8663	28.71421	0.229415	2.402502	502.1892	1405.285	0.291255	0.479263	316.6853	80.96816	0.76458	100	2.4
2511.552	1909.052	341.8707	28.74762	0.214558	2.837328	504.4831	1409.101	0.277269	0.442647	386.5161	132.1026	1.246051	100	5
2511.704	1909.204	341.8751	28.63429	0.213951	2.970995	505.4962	1408.257	0.276715	0.441037	389.5022	136.5519	1.292956	100	5.2
2511.856	1909.356	341.8795	28.55272	0.222212	2.765123	505.6155	1405.449	0.284509	0.459571	353.1702	99.36772	0.943479	100	3.4
2512.009	1909.509	341.8839	28.34681	0.22905	2.64459	504.8422	1411.295	0.290978	0.471746	327.4421	85.43431	0.816889	100	2.7
2512.161	1909.661	341.8882	28.14155	0.245628	2.196196	503.179	1404.763	0.306689	0.507047	257.0454	62.76793	0.604402	100	1.5
2512.314	1909.814	341.8926	28.22984	0.25431	2.030496	501.2435	1406.006	0.314953	0.526185	219.2291	54.15971	0.519938	100	1
2512.466	1909.966	341.897	28.316	0.259631	1.904949	499.8106	1399.423	0.320034	0.538119	195.7482	49.48913	0.473705	100	0.8
2512.619	1910.119	341.9014	28.29147	0.251224	2.096553	499.1746	1404.017	0.312053	0.522799	227.9041	56.00529	0.536531	100	1.1
2512.771	1910.271	341.9058	28.20564	0.250132	2.073292	500.5909	1403.824	0.311032	0.521551	231.0359	56.68894	0.544684	100	1.2
2512.923	1910.423	341.9102	28.11649	0.242283	2.360909	502.7834	1403.898	0.303601	0.507371	260.8589	63.72718	0.614194	100	1.6
2513.076	1910.576	341.9146	28.02662	0.23502	2.590522	504.7395	1399.094	0.296739	0.488223	296.7524	73.93252	0.71477	100	2.2
2513.228	1910.728	341.919	27.91673	0.237735	2.543165	505.1292	1392.01	0.299326	0.492153	287.7586	71.13703	0.690372	100	2
2513.381	1910.881	341.9234	27.74637	0.232963	2.614697	503.5617	1387.847	0.294828	0.481296	308.9496	78.07593	0.762226	100	2.4
2513.533	1911.033	341.9278	27.81172	0.237546	2.463512	499.3078	1378.826	0.29918	0.497145	281.0715	69.17496	0.673797	100	1.9
2513.686	1911.186	341.9322	27.74027	0.236318	2.453711	492.2214	1375.175	0.298035	0.500366	278.2065	68.36116	0.667538	100	1.9
2513.838	1911.338	341.9365	27.66472	0.233761	2.41883	484.1472	1379.924	0.295633	0.50069	281.0737	69.1756	0.677285	100	2
2513.99	1911.49	341.9409	27.76826	0.228628	2.470862	479.0771	1377.729	0.290799	0.495974	294.2538	73.13617	0.71348	100	2.2
2514.143	1911.643	341.9453	27.86698	0.212131	2.86318	478.6228	1382.223	0.275275	0.464355	359.3102	103.728	1.008453	100	3.9
2514.295	1911.795	341.9497	27.80958	0.209105	2.91771	482.4494	1385.638	0.272451	0.459147	370.3957	113.1636	1.102396	100	4.5
2514.447	1911.947	341.9541	27.74243	0.226877	2.228695	487.9991	1385.888	0.289197	0.494223	298.8805	74.62376	0.728668	100	2.2
2514.6	1912.1	341.9585	27.6573	0.227003	2.241174	493.0786	1382.972	0.289332	0.488913	306.0218	77.03888	0.754501	100	2.3
2514.752	1912.252	341.9629	27.64736	0.235218	2.132598	497.1505	1387.333	0.297112	0.49928	280.9789	69.14842	0.677466	100	1.9
2514.905	1912.405	341.9673	27.54277	0.234941	2.357417	499.7888	1389.084	0.296867	0.495087	287.1043	70.94096	0.697593	100	2

2515.057	1912.557	341.9716	27.44965	0.24253	2.336388	501.41	1394.037	0.304071	0.51045	255.9605	62.49852	0.616603	100	1.6
2515.209	1912.709	341.976	27.35615	0.226273	2.940121	501.2039	1393.534	0.288711	0.473378	328.3172	85.82469	0.849551	100	2.9
2515.362	1912.862	341.9804	27.26468	0.226025	3.040644	501.2801	1393.15	0.288494	0.470599	332.4522	87.73319	0.871278	100	3.1
2515.514	1913.014	341.9848	27.26157	0.218982	3.369279	502.3178	1390.133	0.281872	0.453636	364.9992	108.2859	1.075516	100	4.2
2515.667	1913.167	341.9892	27.26359	0.213589	3.547553	505.3979	1386.849	0.276815	0.442123	387.8656	134.0695	1.331519	100	5.5
2515.819	1913.319	341.9936	27.2656	0.214452	3.179779	507.8639	1385.102	0.277643	0.445197	382.4819	126.6218	1.257473	100	5.1
2515.971	1913.471	341.998	27.26761	0.225107	2.535065	509.1965	1385.101	0.287695	0.46686	338.7141	90.84737	0.902142	100	3.1
2516.124	1913.624	342.0024	27.18407	0.222485	2.504625	507.8015	1384.582	0.285239	0.454789	358.7614	103.3162	1.029032	100	3.7
2516.276	1913.776	342.0067	27.08711	0.223784	2.404863	504.7879	1382.727	0.286481	0.454715	357.1502	102.1335	1.020797	100	3.6
2516.429	1913.929	342.0112	27.00584	0.226232	2.236713	499.9784	1379.662	0.288807	0.465413	339.176	91.08896	0.91308	100	3
2516.581	1914.081	342.0155	27.00766	0.233843	2.048342	494.7975	1375.797	0.296014	0.490243	294.9648	73.36114	0.735334	100	2.1
2516.733	1914.233	342.0199	27.01117	0.235756	2.119125	488.3082	1373.978	0.297841	0.499703	279.3897	68.6954	0.688486	100	1.9
2516.886	1914.386	342.0243	27.09575	0.236532	2.175584	484.5421	1373.434	0.298592	0.503839	272.6456	66.82343	0.667699	100	1.8
2517.038	1914.538	342.0287	27.20878	0.226865	2.512018	482.6158	1377.585	0.289472	0.485177	310.9845	78.81445	0.784342	100	2.5
2517.19	1914.69	342.0331	27.16853	0.221039	2.678461	482.2929	1385.218	0.283995	0.472236	336.4007	89.66286	0.893594	100	3.2
2517.343	1914.843	342.0375	27.24248	0.217889	2.719909	481.909	1398.244	0.281046	0.463663	352.3019	98.79193	0.981989	100	3.6
2517.495	1914.995	342.0419	27.31696	0.229234	2.212696	480.4183	1405.882	0.291759	0.487665	304.3954	76.47512	0.758155	100	2.3
2517.648	1915.148	342.0463	27.21374	0.222097	2.317701	479.3243	1408.98	0.285043	0.476255	329.4096	86.31846	0.858898	100	2.9
2517.8	1915.3	342.0506	27.21289	0.22146	2.599293	479.0954	1412.385	0.284459	0.481085	323.549	83.75002	0.833374	100	2.9
2517.953	1915.453	342.055	27.30008	0.222978	2.808862	482.175	1416.031	0.285907	0.490138	309.0578	78.11482	0.774895	100	2.6
2518.105	1915.605	342.0594	27.38862	0.230854	2.764164	484.9682	1417.89	0.293357	0.508035	274.079	67.21474	0.66468	100	2
2518.257	1915.757	342.0638	27.48516	0.227365	3.017176	486.4728	1415.6	0.290079	0.502054	286.8559	70.86677	0.698412	100	2.3
2518.41	1915.91	342.0682	27.47112	0.229355	2.983696	485.9194	1410.344	0.291975	0.507652	276.5154	67.88785	0.669391	100	2.1
2518.562	1916.062	342.0726	27.55559	0.227595	2.991085	483.9716	1401.213	0.29033	0.505047	282.3804	69.55193	0.683766	100	2.2
2518.715	1916.215	342.077	27.55302	0.229793	2.749637	481.1561	1392.246	0.292422	0.510222	272.3513	66.74349	0.656221	100	2
2518.867	1916.367	342.0814	27.48982	0.217459	3.047545	479.9194	1376.142	0.280809	0.489278	317.2795	81.20038	0.800149	100	2.9
2519.02	1916.52	342.0858	27.48841	0.214064	3.019782	479.9005	1365.583	0.277632	0.490187	320.4094	82.44971	0.812507	100	3
2519.172	1916.672	342.0902	27.48354	0.215479	2.693226	479.2409	1350.353	0.27898	0.501419	303.0491	76.01476	0.749228	100	2.6
2519.324	1916.824	342.0945	27.61283	0.220093	2.358152	478.1427	1345.123	0.28334	0.511921	282.5405	69.59827	0.682875	100	2.2
2519.477	1916.977	342.0989	27.73306	0.212233	2.41175	477.1225	1343.25	0.275962	0.49112	321.427	82.8658	0.80964	100	2.9
2519.629	1917.129	342.1033	27.9448	0.21437	2.413493	476.1667	1344.109	0.277987	0.488525	322.214	83.19109	0.806854	100	2.8
2519.781	1917.281	342.1077	28.1688	0.203454	2.989479	476.0371	1347.015	0.267758	0.461993	372.9439	115.684	1.113362	100	4.7
2519.934	1917.434	342.1121	28.19588	0.207792	2.891017	478.2881	1344.449	0.271842	0.473883	350.8999	97.88176	0.941162	100	3.7
2520.086	1917.586	342.1165	28.2302	0.207575	2.697595	481.2086	1344.173	0.271656	0.471501	354.4427	100.2289	0.962604	100	3.8
2520.239	1917.739	342.1209	28.23193	0.218038	2.149137	484.1658	1345.09	0.281506	0.493361	310.6833	78.70417	0.755841	100	2.5
2520.391	1917.891	342.1253	28.33188	0.211013	2.380327	485.1696	1347.219	0.274917	0.479338	339.1282	91.06391	0.871559	100	3.2
2520.543	1918.043	342.1296	28.51907	0.209647	2.565052	484.1749	1343.277	0.273651	0.479623	340.4819	91.78158	0.872855	100	3.3
2520.696	1918.196	342.134	28.56862	0.210209	2.557265	482.8528	1339.289	0.274196	0.479533	339.8541	91.44684	0.86822	100	3.2
2520.848	1918.348	342.1384	28.4995	0.210026	2.576489	481.7589	1329.406	0.274041	0.476887	343.7194	93.56278	0.890401	100	3.4
2521	1918.5	342.1428	28.42311	0.205032	2.839879	481.5803	1322.638	0.269372	0.466296	364.7776	108.0978	1.031408	100	4.2
2521.153	1918.653	342.1472	28.33664	0.213101	2.479417	478.0291	1315.887	0.276963	0.484488	329.1984	86.22245	0.825122	100	3
2521.305	1918.805	342.1516	28.24932	0.220425	2.115066	475.5418	1310.365	0.283872	0.500411	297.69	74.23555	0.712543	100	2.2
2521.458	1918.958	342.156	28.39783	0.221959	1.935191	473.7743	1304.708	0.285334	0.502723	292.4816	72.58085	0.693139	100	2.1
2521.61	1919.11	342.1604	28.59035	0.22013	1.927014	473.1226	1302.351	0.283627	0.497368	302.2269	75.73636	0.718568	100	2.2
2521.763	1919.263	342.1648	28.77375	0.219506	1.939252	473.2547	1301.055	0.283056	0.49192	310.5334	78.64943	0.741613	100	2.3
2521.915	1919.415	342.1692	28.96019	0.204608	2.208862	473.6084	1295.894	0.269075	0.456382	378.8698	122.1735	1.144856	100	4.6
2522.067	1919.567	342.1735	29.13607	0.199242	2.265782	474.5063	1292.223	0.264067	0.444469	402.2207	160.1969	1.492422	100	6.5
2522.22	1919.72	342.1779	29.08291	0.207458	1.949521	474.2417	1292.697	0.271782	0.461518	368.046	110.967	1.035621	100	3.9
2522.372	1919.872	342.1823	29.07989	0.206656	1.917651	474.2074	1302.988	0.271046	0.457188	375.0374	117.8711	1.100174	100	4.3
2522.525	1920.025	342.1867	29.21201	0.213793	1.74055	474.8489	1313.252	0.277765	0.469004	349.4589	96.9704	0.901147	100	3.1
2522.677	1920.177	342.1911	29.21965	0.216354	1.696404	476.8784	1320.315	0.280191	0.476962	335.1298	89.02956	0.827151	100	2.7
2522.829	1920.329	342.1955	29.10722	0.211481	1.768464	479.9556	1327.801	0.275626	0.471002	349.6534	97.09198	0.905428	100	3.2
2522.982	1920.482	342.1999	29.11555	0.208295	1.866877	481.4693	1336.529	0.272651	0.466812	359.5419	103.9033	0.968687	100	3.6
2523.134	1920.634	342.2043	29.01147	0.222371	1.670696	481.9851	1342.224	0.285907	0.495938	301.054	75.34271	0.704858	100	2
2523.287	1920.787	342.2087	28.94315	0.220226	1.843933	482.1103	1342.156	0.283903	0.490912	310.7556	78.73061	0.738238	100	2.3
2523.439	1920.939	342.213	29.08964	0.21624	1.993874	482.1251	1343.541	0.280167	0.481669	328.6656	85.9814	0.802311	100	2.7
2523.591	1921.091	342.2174	29.23712	0.220568	1.869415	482.2599	1346.514	0.284258	0.490263	311.1612	78.87927	0.732459	100	2.3
2523.744	1921.244	342.2218	29.49639	0.203684	2.291795	483.3435	1348.425	0.268411	0.451347	386.734	132.4154	1.219163	100	5
2523.896	1921.396	342.2262	29.65094	0.202906	2.394751	484.9156	1350.988	0.267699	0.451376	387.6765	133.7896	1.225631	100	5.1
2524.049	1921.549	342.2306	29.67823	0.218613	2.045073	486.3126	1353.543	0.282468	0.485574	320.1023	82.32514	0.753508	100	2.4
2524.201	1921.701	342.235	29.6977	0.222658	1.948131	485.7622	1355.663	0.286295	0.491532	306.5985	77.24086	0.706531	100	2.1
2524.354	1921.854	342.2394	29.71221	0.229423	1.778473	484.3827	1352.562	0.292696	0.5006	285.2519	70.39081	0.643575	100	1.7
2524.506	1922.006	342.2438	29.71255	0.234075	1.701782	483.1744	1348.345	0.297109	0.509405	267.01	65.31699	0.597184	100	1.4
2524.658	1922.158	342.2482	29.47988	0.227422	1.801054	482.6894	1345.417	0.29084	0.498624	290.5401	71.98114	0.663128	100	1.8
2524.811	1922.311	342.2526	29.25806	0.211087	2.153481	482.5936	1343.578	0.275474	0.468892	352.7738	99.10373	0.919684	100	3.4
2524.963	1922.463	342.2569	29.05406	0.210628	2.086391	482.6084	1341.83	0.27506	0.472268	348.6871	96.49194	0.901525	100	3.3
2525.115	1922.615	342.2613	28.83603	0.212384	2.081183	482.6172	1338.797	0.276726	0.480727	334.7156	88.82568	0.83597	100	2.9
2525.268	1922.768	342.2657	28.85149	0.211084	2.156086	481.9022	1336.276	0.275522	0.479813	337.6387	90.29152	0.849332	100	3
2525.42	1922.92	342.2701	28.92565	0.183193	3.066509	480.5706	1337.257	0.249461	0.419305	457.1035	317.8602	2.982583	100	15.5
2525.573	1923.073	342.2745	28.92696	0.198073	2.468845	478.6565	1340.295	0.26336	0.453001	391.4217	139.6066	1.309926	100	5.7
2525.725	1923.225	342.2789	28.92909	0.191403	2.690112	479.7684	1346.554	0.257145	0.44152	415.843	197.3999	1.852083	100	8.8
2525.877	1923.377	342.2833	28.7533	0.223681	1.803036	483.926	1354.006	0.287445	0.509342	280.4342	68.99261	0.651147	100	1.8
2526.03	1923.53	342.2877	28.80608	0.231089	1.749799	489.5679	1363.154	0.294454	0.52086	254.8665	62.22842	0.586271	100	1.4
2526.182	1923.682	342.292	29.01023	0.23092	1.819224	494.7611	1370.035	0.294311	0.516035	261.7222	63.94707	0.598369	100	1.5
2526.334	1923.834	342.2964	29.22713	0.219342	2.305006	498.3266	1375.647	0.283406	0.488594	314.6401	80.18042	0.744895	100	2.4
2526.487	1923.987	342.3008	29.32063	0.220305	2.435312	498.9373	1379.513	0.28433	0.489452	312.1811	79.25587	0.734045	100	2.4
2526.639	1924.139	342.3052	29.3503	0.231815	2.291646	497.3392	1382.547	0.295208	0.516506	259.8348	63.46766	0.58725	100	1.6
2526.792	1924.292	342.3096	29.21029	0.245169	2.015731	495.8987	1382.483	0.307871	0.545375	202.5207	50.7903	0.472128	100	0.9
2526.944	1924.444	342.314	29.03634	0.221366	2.585515	494.5712	1379.191	0.28538	0.502314	292.9823	72.73696	0.680055	100	2.2
2527.097	1924.597	342.3184	29.01918	0.217387	2.64495	492.8296	1371.152	0.281649	0.494666	308.6854	77.98116	0.729508	100	2.5

2527.249	1924.749	342.3228	28.83846	0.208264	2.829804	489.2813	1360.267	0.273093	0.477028	344.8334	94.19811	0.886561	100	3.4
2527.401	1924.901	342.3271	28.82802	0.213412	2.701229	485.7271	1350.826	0.277944	0.484745	327.4892	85.45519	0.804563	100	2.9
2527.554	1925.054	342.3316	28.79977	0.206858	2.757924	482.738	1344.133	0.271807	0.469634	356.8113	101.8895	0.96021	100	3.8
2527.706	1925.206	342.3359	28.80513	0.215682	2.319599	481.4229	1337.558	0.280113	0.489277	318.2425	81.58001	0.768681	100	2.6
2527.859	1925.359	342.3403	28.80786	0.211939	2.153857	481.2195	1332.753	0.276611	0.487267	325.8484	84.73467	0.798339	100	2.8
2528.011	1925.511	342.3447	28.69414	0.211025	2.080897	481.7289	1325.55	0.275768	0.488636	325.1223	84.42068	0.798436	100	2.8
2528.164	1925.664	342.3491	28.70442	0.201533	2.278304	481.2309	1322.708	0.266883	0.468945	364.5581	107.9124	1.020271	100	4.1
2528.316	1925.816	342.3535	28.70412	0.218498	1.859438	479.5164	1323.35	0.28283	0.504715	293.1878	72.8012	0.688321	100	2.1
2528.468	1925.968	342.3579	28.81435	0.211778	1.999589	478.0834	1320.132	0.276526	0.496281	313.5252	79.75826	0.751314	100	2.5
2528.621	1926.121	342.3623	28.8917	0.212304	1.949419	477.2733	1320.03	0.277037	0.504372	301.6561	75.54428	0.709783	100	2.3
2528.773	1926.273	342.3667	28.75462	0.194547	2.351876	477.8993	1321.682	0.260416	0.470887	370.8023	113.5557	1.071849	100	4.6
2528.925	1926.425	342.371	28.61822	0.204343	2.053211	478.2674	1326.2	0.2696	0.482707	341.8162	92.50433	0.877178	100	3.3
2529.078	1926.578	342.3754	28.49623	0.211199	1.930061	480.8407	1324.561	0.276049	0.49124	321.1421	82.74883	0.787928	100	2.7
2529.23	1926.73	342.3798	28.37433	0.210556	2.058616	481.8551	1326.369	0.275462	0.489376	324.5229	84.16359	0.804739	100	2.8
2529.383	1926.883	342.3842	28.33836	0.218493	1.925273	482.5965	1333.679	0.282942	0.50863	287.6304	71.09853	0.680657	100	2.1
2529.535	1927.035	342.3886	28.32344	0.214506	2.139299	483.3545	1340.735	0.279208	0.502706	300.9584	75.3108	0.721357	100	2.4
2529.688	1927.188	342.393	28.2823	0.23312	1.680238	486.2752	1354.475	0.296777	0.536918	229.5012	56.35274	0.540534	100	1.2
2529.84	1927.34	342.3974	28.38666	0.215836	2.040662	488.288	1359.73	0.280492	0.502549	299.404	74.79568	0.714889	100	2.3
2529.992	1927.492	342.4018	28.48302	0.189466	3.012394	489.3823	1366.375	0.255808	0.446578	410.7073	181.5598	1.729661	100	8.3
2530.145	1927.645	342.4062	28.47732	0.190327	3.473092	486.0278	1373.432	0.256628	0.447495	408.3108	174.9712	1.66723	100	8.1
2530.297	1927.797	342.4106	28.4485	0.191997	3.026866	487.4308	1382.359	0.258202	0.44862	404.5859	165.622	1.579706	100	7.4
2530.449	1927.949	342.4149	28.5362	0.19029	3.012948	494.9064	1393.534	0.256627	0.442672	414.9677	194.5212	1.849842	100	8.9
2530.602	1928.102	342.4193	28.47297	0.204981	2.999562	499.245	1402.481	0.270382	0.474385	352.2224	98.73969	0.941013	100	3.8
2530.754	1928.254	342.4237	28.60533	0.20931	3.797576	500.8209	1410.438	0.27446	0.486824	329.4285	86.32707	0.81904	100	3.3
2530.907	1928.407	342.4281	28.60857	0.196007	2.981195	500.9493	1416.417	0.262015	0.466853	374.1631	116.9445	1.109414	100	4.9
2531.059	1928.559	342.4325	28.50605	0.206166	2.979037	501.2998	1417.527	0.271544	0.490058	328.9891	86.12754	0.819915	100	3.2
2531.211	1928.711	342.4369	28.49738	0.211397	2.981952	501.753	1412.846	0.27647	0.496869	312.7925	79.48349	0.756894	100	2.8
2531.364	1928.864	342.4413	28.40601	0.220184	2.97591	501.1505	1404.908	0.284752	0.504176	291.2791	72.20836	0.689762	100	2.3
2531.516	1929.016	342.4457	28.19604	0.228545	3.760726	500.4313	1391.976	0.292654	0.515086	265.3188	64.87443	0.62418	100	2.1
2531.668	1929.168	342.45	28.06819	0.220373	2.975689	498.4957	1390.662	0.284964	0.499161	297.9072	74.30609	0.718087	100	2.5
2531.821	1929.321	342.4544	28.07024	0.231576	3.490667	497.2327	1384.111	0.295551	0.532166	237.7503	58.1874	0.562283	100	1.7
2531.973	1929.473	342.4588	28.13474	0.207373	2.980543	496.8697	1382.865	0.272776	0.495881	319.2531	81.98291	0.790472	100	3
2532.126	1929.626	342.4632	28.21647	0.200844	2.991981	498.0394	1372.755	0.266674	0.490984	334.4332	88.68743	0.852724	100	3.5
2532.278	1929.778	342.4676	28.30362	0.198033	3.00033	496.7427	1365.294	0.26406	0.476921	357.4476	102.3489	0.98115	100	4.2
2532.431	1929.931	342.472	28.20988	0.223282	2.827338	492.4059	1357.21	0.287789	0.516261	270.4113	66.22018	0.636857	100	2
2532.583	1930.083	342.4764	28.26826	0.22419	2.758249	488.9586	1349.385	0.288662	0.510502	277.1538	68.06593	0.653304	100	2.1
2532.735	1930.235	342.4808	28.11389	0.223186	2.629174	485.0174	1343.753	0.287732	0.509402	279.9551	68.85602	0.664409	100	2.1
2532.888	1930.388	342.4852	28.14021	0.219215	2.565024	482.3508	1338.63	0.284007	0.502833	294.1608	73.10683	0.704793	100	2.3
2533.04	1930.54	342.4896	28.27092	0.21319	2.788261	479.3128	1332.965	0.278356	0.490291	319.2684	81.98905	0.786888	100	2.9
2533.193	1930.693	342.494	28.13568	0.20247	3.195206	478.7264	1326.9	0.268313	0.469023	362.4765	106.197	1.023978	100	4.3
2533.345	1930.845	342.4983	28.38041	0.199773	2.957425	479.5879	1323.212	0.265805	0.466433	369.5124	112.324	1.074015	100	4.6
2533.498	1930.998	342.5027	28.62555	0.210703	2.259145	481.8297	1320.93	0.276069	0.488924	324.3095	84.07256	0.797223	100	2.8
2533.65	1931.15	342.5071	28.69905	0.215337	2.152429	482.9569	1319.53	0.280441	0.498057	305.673	76.91727	0.727571	100	2.4
2533.802	1931.302	342.5115	28.5997	0.218764	2.180233	483.3513	1318.253	0.283682	0.50234	295.2896	73.46436	0.697251	100	2.2
2533.955	1931.455	342.5159	28.50176	0.22452	2.144231	482.9153	1318.351	0.289124	0.512762	273.3973	67.02821	0.638287	100	1.8
2534.107	1931.607	342.5203	28.48184	0.231622	2.065392	481.8643	1318.148	0.295846	0.52625	245.5081	59.97755	0.571537	100	1.4
2534.259	1931.759	342.5247	28.43609	0.228404	2.200415	480.2052	1319.792	0.292822	0.521207	256.6392	62.66687	0.598099	100	1.6
2534.412	1931.912	342.5291	28.39097	0.233299	2.030584	478.5491	1321.184	0.297465	0.532867	234.1423	57.37653	0.548455	100	1.3
2534.564	1932.064	342.5334	28.31461	0.232859	1.989735	477.3465	1323.034	0.297065	0.532492	235.2118	57.6155	0.552183	100	1.3
2534.717	1932.217	342.5378	28.35197	0.235429	1.860224	477.424	1323.928	0.299513	0.538528	223.504	55.06052	0.527027	100	1.2
2534.869	1932.369	342.5422	28.33125	0.221514	2.105588	478.5535	1323.149	0.28639	0.513063	276.7554	67.95471	0.650913	100	1.9
2535.021	1932.521	342.5466	28.36696	0.211868	2.394695	479.4494	1320.186	0.277331	0.494185	315.3086	80.43597	0.769533	100	2.7
2535.174	1932.674	342.551	28.3678	0.209198	2.522188	479.1208	1317.699	0.274839	0.481728	335.9364	89.43013	0.855563	100	3.2
2535.326	1932.826	342.5554	28.32545	0.218505	2.27236	477.4678	1315.901	0.283606	0.494937	305.6108	76.89561	0.736719	100	2.4
2535.479	1932.979	342.5598	28.56026	0.215603	2.326362	476.77	1318.029	0.280892	0.488002	318.927	81.85239	0.777971	100	2.7
2535.631	1933.131	342.5642	28.61154	0.199459	2.689283	477.694	1318.527	0.265762	0.463392	373.7672	116.5312	1.105665	100	4.7
2535.783	1933.283	342.5686	28.46593	0.196069	2.627074	480.1628	1322.853	0.262608	0.462638	379.1608	122.5171	1.168226	100	5.1
2535.936	1933.436	342.573	28.40446	0.192937	2.540441	482.7393	1319.475	0.259699	0.454949	393.7853	143.5954	1.372093	100	6.2
2536.088	1933.588	342.5773	28.08864	0.202337	2.393483	484.4741	1320.259	0.268507	0.46909	362.1164	105.9079	1.023011	100	4.1
2536.241	1933.741	342.5817	28.04816	0.20833	2.324397	484.7561	1321.559	0.274142	0.479065	340.5745	91.83124	0.888287	100	3.3
2536.393	1933.893	342.5861	28.1134	0.217967	2.064024	483.4113	1318.393	0.283217	0.501263	297.4182	74.14744	0.715623	100	2.3
2536.545	1934.045	342.5905	28.20674	0.218857	1.962316	480.2001	1319.517	0.284071	0.506019	289.6764	71.71715	0.689953	100	2.1
2536.698	1934.198	342.5949	28.21406	0.212554	2.085878	478.1048	1318.746	0.278159	0.499063	307.4338	77.53538	0.745746	100	2.5
2536.85	1934.35	342.5993	28.42198	0.208632	2.126372	477.6314	1319.529	0.274492	0.493939	319.5656	82.10848	0.78414	100	2.8
2537.002	1934.502	342.6037	28.56094	0.20899	2.132909	478.6627	1321.782	0.274844	0.495614	316.7671	81.00005	0.769916	100	2.7
2537.155	1934.655	342.6081	28.47579	0.219097	1.825362	480.7995	1325.591	0.284364	0.510667	282.8582	69.69036	0.664339	100	1.9
2537.307	1934.807	342.6124	28.39381	0.219177	1.786527	483.6804	1331.518	0.284456	0.507111	287.6388	71.10106	0.679688	100	2
2537.46	1934.96	342.6168	28.30821	0.218206	1.880554	488.5941	1332.969	0.283558	0.501741	296.2878	73.78321	0.7074	100	2.2
2537.612	1935.112	342.6212	28.18513	0.220102	1.919262	491.5933	1329.328	0.28536	0.505627	288.4375	71.34148	0.68689	100	2.1
2537.765	1935.265	342.6256	28.05389	0.211293	2.238115	490.9126	1326.145	0.277091	0.486489	326.2603	84.91412	0.821284	100	2.9
2537.917	1935.417	342.63	27.92593	0.23522	1.702042	487.5266	1324.842	0.299666	0.530242	234.727	57.50704	0.558681	100	1.2
2538.069	1935.569	342.6344	27.86771	0.232529	1.822062	484.1413	1325.467	0.297138	0.52794	241.3928	59.0198	0.574544	100	1.4
2538.222	1935.722	342.6388	28.08707	0.206568	2.614776	481.4809	1325.289	0.272705	0.493445	322.7119	83.39848	0.805721	100	3
2538.374	1935.874	342.6432	27.89836	0.166274	2.740995	479.6099	1323.315	0.235191	0.446008	439.9457	271.6501	2.641677	100	15.1
2538.527	1936.027	342.6476	27.94075	0.142155	2.7556	479.2965	1320.828	0.213025	0.425106	499.3788	416.6643	4.045947	100	27.7
2538.679	1936.179	342.652	27.72116	0.142045	2.785869	479.5934	1323.235	0.212942	0.428244	495.1644	407.6621	3.98899	100	27.3
2538.832	1936.332	342.6564	27.505	0.173757	3.657809	480.3423	1331.068	0.24217	0.466591	401.9109	159.5136	1.572769	100	8.4
2538.984	1936.484	342.6607	27.43739	0.200588	2.799855	482.1173	1346.667	0.267186	0.490809	333.968	88.46089	0.874301	100	3.5
2539.136	1936.636	342.6651	27.41098	0.20673	2.735304	486.1554	1360.2	0.272958	0.484718	334.407	88.67462	0.877241	100	3.4
2539.289	1936.789	342.6695	27.38924	0.19342	3.120097	491.9784	1373.663	0.260517	0.452703	395.7564	147.1274	1.456638	100	6.8

2539.441	1936.941	342.6739	27.27414	0.214456	2.262162	497.8381	1380.602	0.280247	0.492514	313.59	79.78263	0.793136	100	2.7
2539.593	1937.093	342.6783	27.39016	0.226455	2.167712	501.4649	1381.92	0.291567	0.510779	272.7622	66.85514	0.661891	100	1.9
2539.746	1937.246	342.6827	27.55718	0.221163	2.571757	502.5455	1381.976	0.286593	0.495028	301.3626	75.44588	0.74255	100	2.5
2539.898	1937.398	342.6871	27.5589	0.223543	2.84633	497.4913	1381.165	0.288853	0.498372	293.6287	72.9394	0.717844	100	2.4
2540.051	1937.551	342.6915	27.54809	0.220345	3.055738	486.0231	1380.969	0.285856	0.491947	306.6316	77.25249	0.760588	100	2.7
2540.203	1937.703	342.6958	27.53982	0.184646	3.26663	471.2489	1372.204	0.252436	0.419365	452.9153	306.9405	3.022884	100	15.6
2540.355	1937.855	342.7002	27.51548	0.159287	3.35665	464.7349	1363.988	0.228959	0.366636	558.0789	526.5081	5.18978	100	31.9
2540.508	1938.008	342.7046	27.45147	0.158559	3.397132	465.5409	1357.464	0.228304	0.381643	538.272	492.3768	4.864384	100	30
2540.66	1938.16	342.709	27.39225	0.192939	2.262642	474.5121	1356.233	0.260218	0.458153	388.6477	135.2423	1.33893	100	6
2540.812	1938.312	342.7134	27.18788	0.231829	1.487023	479.2569	1357.993	0.296776	0.530359	238.554	58.36986	0.582102	100	1.3
2540.965	1938.465	342.7178	27.11083	0.240458	1.610932	481.9377	1362.159	0.304959	0.542529	210.4661	52.36341	0.52365	100	1
2541.117	1938.617	342.7222	27.16321	0.220289	2.323435	482.5597	1366.201	0.28592	0.503187	291.0332	72.1326	0.720001	100	2.3
2541.27	1938.77	342.7266	27.34362	0.218578	2.497157	482.7996	1367.492	0.284325	0.500461	296.9945	74.01053	0.734013	100	2.4
2541.422	1938.922	342.731	27.52916	0.223169	2.556398	482.8668	1365.159	0.288667	0.50965	278.3228	68.39391	0.673873	100	2.1
2541.575	1939.075	342.7354	27.66048	0.217624	2.871147	482.6673	1361.424	0.28346	0.499888	298.9795	74.6562	0.732188	100	2.5
2541.727	1939.227	342.7397	27.70162	0.19816	3.567402	483.2491	1357.334	0.265214	0.460142	379.0094	122.338	1.198106	100	5.4
2541.879	1939.379	342.7441	27.61565	0.185635	3.271705	484.84	1356.957	0.253541	0.43429	430.7934	245.3232	2.409833	100	12.3
2542.032	1939.532	342.7485	27.70337	0.172733	3.244917	488.2241	1360.454	0.24157	0.406787	485.2671	385.8296	3.778419	100	21.2
2542.184	1939.684	342.7529	27.58735	0.18321	3.483427	494.0347	1364.821	0.251316	0.432862	435.8345	259.9755	2.556352	100	13.3
2542.336	1939.836	342.7573	27.45714	0.185322	3.091116	498.3955	1369.312	0.253298	0.435069	430.0531	243.1398	2.401839	100	12.2
2542.489	1939.989	342.7617	27.44851	0.227527	2.031167	501.526	1368.993	0.292895	0.518576	260.17	63.55245	0.627996	100	1.7
2542.641	1940.141	342.7661	27.53178	0.21696	2.794468	496.911	1369.065	0.282952	0.494146	307.6049	77.59601	0.764521	100	2.7
2542.794	1940.294	342.7705	27.69363	0.20863	3.669912	492.125	1368.703	0.275141	0.476509	342.7238	93.00497	0.911145	100	3.7
2542.946	1940.446	342.7748	27.81537	0.184856	3.23393	487.5688	1369.091	0.252932	0.425299	444.0414	283.0425	2.761134	100	14.2
2543.099	1940.599	342.7793	27.88077	0.171635	3.233108	485.3083	1368.313	0.240669	0.398713	497.6523	412.997	4.019727	100	22.7
2543.251	1940.751	342.7836	28.03933	0.15415	3.236323	483.643	1366.515	0.224544	0.352133	584.1851	567.7544	5.495716	100	35
2543.403	1940.903	342.788	28.18083	0.167802	3.218147	481.5846	1363.781	0.237154	0.393795	509.2898	437.179	4.211208	100	24.4
2543.556	1941.056	342.7924	28.04697	0.195002	3.446323	478.4787	1362.525	0.262461	0.454493	390.6038	138.2854	1.338236	100	6.2
2543.708	1941.208	342.7968	28.01602	0.198867	3.377882	476.7797	1364.176	0.266091	0.460736	376.9783	119.9996	1.162532	100	5.1
2543.861	1941.361	342.8012	27.9992	0.209187	2.843498	476.819	1362.698	0.275779	0.484432	330.9087	87.00805	0.843415	100	3.2
2544.013	1941.513	342.8056	28.07651	0.219032	2.457653	479.9666	1364.413	0.285052	0.504143	290.9109	72.09499	0.696994	100	2.3
2544.166	1941.666	342.81	28.14553	0.214849	2.369474	483.8945	1363.868	0.281132	0.494447	309.7006	78.34674	0.755639	100	2.6
2544.318	1941.818	342.8144	28.13679	0.216898	2.29945	487.9729	1365.785	0.283077	0.491267	311.4051	78.969	0.761876	100	2.6
2544.47	1941.97	342.8187	28.15783	0.219003	2.401568	489.984	1370.62	0.285075	0.491493	308.3367	77.85642	0.750604	100	2.5
2544.623	1942.123	342.8231	28.20039	0.226926	2.319544	490.6745	1383.649	0.292561	0.506216	277.689	68.21577	0.656703	100	1.9
2544.775	1942.275	342.8275	28.23449	0.230221	2.301397	492.0806	1393.235	0.295688	0.510792	267.0566	65.32926	0.628184	100	1.8
2544.927	1942.427	342.8319	28.0812	0.221607	2.542699	493.0692	1399.849	0.287578	0.49178	304.4867	76.50652	0.739561	100	2.4
2545.08	1942.58	342.8363	27.96148	0.219277	2.559512	496.3612	1407.873	0.285399	0.481636	321.4914	82.89232	0.804625	100	2.8
2545.232	1942.732	342.8407	28.04127	0.227816	2.392831	498.317	1412.691	0.293467	0.498237	287.4478	71.04378	0.687715	100	2.1
2545.385	1942.885	342.8451	28.13396	0.236106	2.217404	498.3871	1416.556	0.30132	0.515134	253.2932	61.84259	0.596738	100	1.5
2545.537	1943.037	342.8495	28.24593	0.225308	2.599795	498.5127	1417.313	0.291134	0.491814	299.533	74.83818	0.719366	100	2.3
2545.689	1943.189	342.8538	28.36124	0.223357	2.719014	498.5823	1417.264	0.28931	0.487286	308.2971	77.84228	0.745299	100	2.5
2545.842	1943.342	342.8582	28.55292	0.224209	2.849176	504.2057	1419.429	0.29013	0.484698	310.7374	78.72395	0.748844	100	2.5
2545.994	1943.494	342.8626	28.52924	0.238937	2.428199	506.9358	1422.551	0.304066	0.513408	251.8851	61.49988	0.585479	100	1.5
2546.146	1943.646	342.867	28.73656	0.228536	2.812626	507.2393	1424.97	0.294246	0.488913	299.2398	74.74166	0.706575	100	2.3
2546.299	1943.799	342.8714	28.836	0.219515	3.187537	508.7436	1425.644	0.285756	0.468812	338.6959	90.83788	0.855881	100	3.2
2546.451	1943.951	342.8758	28.8212	0.203548	3.933443	507.9151	1425.533	0.270773	0.432265	409.8084	179.0326	1.687711	100	7.7
2546.604	1944.104	342.8802	28.70589	0.211273	3.445322	506.0856	1424.327	0.278038	0.453632	370.2962	113.0681	1.070028	100	4.4
2546.756	1944.256	342.8846	28.59027	0.209091	3.488196	504.365	1423.071	0.276005	0.452006	375.3454	118.2022	1.123005	100	4.7
2546.909	1944.409	342.889	28.52324	0.214101	3.360139	502.1883	1420.845	0.280728	0.468545	346.0033	94.87829	0.903471	100	3.5
2547.061	1944.561	342.8934	28.46611	0.214375	3.34889	499.315	1419.709	0.281002	0.47553	335.9858	89.45482	0.853489	100	3.3
2547.213	1944.713	342.8977	28.45435	0.223351	2.868672	497.7751	1420.49	0.28947	0.49944	291.3038	72.21597	0.689295	100	2.3
2547.366	1944.866	342.9021	28.34619	0.213866	3.218157	497.0771	1418.566	0.280557	0.479929	330.5297	86.83239	0.831879	100	3.1
2547.518	1945.018	342.9065	28.24155	0.221122	3.023211	497.7125	1413.417	0.287403	0.493874	301.8379	75.60534	0.726929	100	2.5
2547.671	1945.171	342.9109	28.15009	0.211368	3.567871	499.0571	1398.32	0.278243	0.472528	343.9368	93.68588	0.903614	100	3.6
2547.823	1945.323	342.9153	28.13753	0.211252	3.63702	499.1486	1383.856	0.27815	0.475407	340.0905	91.5725	0.88362	100	3.5
2547.976	1945.476	342.9197	28.13957	0.217405	3.39775	495.0354	1370.038	0.283952	0.489301	312.9107	79.5277	0.767348	100	2.8
2548.128	1945.628	342.9241	27.96852	0.226842	2.984336	484.5305	1361.531	0.292863	0.511544	269.9186	66.08825	0.641462	100	2
2548.28	1945.78	342.9285	27.88371	0.203937	3.067241	478.2164	1350.654	0.271337	0.478462	345.2767	94.45424	0.9195	100	3.7
2548.433	1945.933	342.9329	27.8657	0.178836	3.080051	477.1577	1340.601	0.247931	0.447512	420.2889	213.2877	2.077649	100	10.8
2548.585	1946.085	342.9372	27.77404	0.17256	3.098384	481.2513	1328.084	0.242124	0.448027	427.5911	235.8176	2.304493	100	12.6
2548.737	1946.237	342.9416	27.67732	0.190962	2.367496	485.4465	1321.758	0.259254	0.476587	364.5394	107.8967	1.057992	100	4.6
2548.89	1946.39	342.946	27.66562	0.201739	2.186634	488.5357	1319.683	0.269344	0.488499	334.1762	88.56211	0.868769	100	3.3
2549.042	1946.542	342.9504	27.75135	0.194875	2.677896	491.671	1320.215	0.26294	0.468269	370.9319	113.6815	1.111847	100	4.8
2549.195	1946.695	342.9548	27.84571	0.187836	3.193259	494.4195	1323.963	0.256388	0.455359	397.7902	150.9826	1.471819	100	7.1
2549.347	1946.847	342.9592	27.83192	0.189968	3.154201	496.9466	1332.956	0.258392	0.461563	386.4621	132.0254	1.287649	100	6
2549.5	1947	342.9636	27.82429	0.205149	2.587576	499.474	1345.428	0.272606	0.490208	327.3167	85.37871	0.832931	100	3.2
2549.652	1947.152	342.968	28.02548	0.211826	2.605936	501.4933	1357.274	0.278889	0.49981	305.3961	76.82097	0.744227	100	2.6
2549.804	1947.304	342.9724	28.13711	0.206685	2.991376	502.7899	1366.729	0.274079	0.481282	337.6018	90.27264	0.871185	100	3.4
2549.957	1947.457	342.9768	28.32989	0.208207	3.020034	504.2022	1367.227	0.275524	0.481431	335.4024	89.16438	0.854818	100	3.3
2550.109	1947.609	342.9811	28.5623	0.210815	2.94252	505.4516	1368.134	0.277989	0.486784	324.6138	84.20247	0.800888	100	3
2550.261	1947.761	342.9855	28.65093	0.214108	2.863861	507.4751	1369.451	0.281099	0.497796	305.1239	76.7266	0.7276	100	2.6
2550.414	1947.914	342.9899	28.58895	0.206167	3.258638	509.5535	1372.584	0.27366	0.483668	334.8879	88.91036	0.844917	100	3.4
2550.566	1948.066	342.9943	28.58165	0.227236	2.609602	511.7494	1377.606	0.293501	0.522832	253.4612	61.88363	0.588232	100	1.7
2550.719	1948.219	342.9987	28.58323	0.217944	2.952753	513.6622	1384.085	0.284758	0.496903	301.3077	75.4275	0.71694	100	2.5
2550.871	1948.371	343.0031	28.59791	0.216107	2.916482	515.7542	1391.845	0.283046	0.486649	317.8212	81.41341	0.773458	100	2.8
2551.023	1948.523	343.0075	28.60741	0.21146	3.097225	518.2307	1398.715	0.278694	0.47444	340.6755	91.88549	0.872673	100	3.4
2551.176	1948.676	343.0119	28.40623	0.220507	2.780705	521.5879	1404.625	0.287221	0.492742	303.6515	76.22004	0.728866	100	2.5
2551.328	1948.828	343.0162	28.54219	0.22269	2.670703	524.3179	1407.713	0.289295	0.492895	300.5777	75.18398	0.715645	100	2.3
2551.48	1948.98	343.0206	28.40901	0.217129	2.918002	524.6244	1406.165	0.284073	0.476492	330.4196	86.78152	0.829796	100	3

2551.633	1949.133	343.025	28.43974	0.218867	2.969084	519.4207	1403.321	0.285727	0.479136	324.4892	84.1492	0.80379	100	2.9
2551.785	1949.285	343.0294	28.55189	0.211608	3.370717	510.9075	1401.233	0.278915	0.463331	355.7007	101.1013	0.962047	100	3.8
2551.938	1949.438	343.0338	28.67466	0.226155	2.719385	495.8492	1394.987	0.29263	0.49285	296.038	73.70318	0.698432	100	2.2
2552.09	1949.59	343.0382	28.77132	0.228456	2.50411	483.4553	1388.619	0.294818	0.495013	290.0329	71.82593	0.678434	100	2.1
2552.243	1949.743	343.0426	28.82346	0.22775	2.354674	476.323	1376.938	0.294168	0.506968	274.4316	67.31152	0.634684	100	1.8
2552.395	1949.895	343.047	28.81003	0.191376	3.127089	476.5311	1372.131	0.260038	0.463647	381.3147	125.1397	1.180492	100	5.4
2552.547	1950.047	343.0514	28.92302	0.163869	3.952726	479.9612	1371.777	0.234515	0.448749	437.0961	263.584	2.477107	100	14.5
2552.7	1950.2	343.0558	28.94363	0.176931	3.37797	484.2759	1377.613	0.246626	0.472958	386.9745	132.7629	1.246828	100	6.3
2552.852	1950.352	343.0601	29.05509	0.207996	2.642537	488.6492	1387.492	0.27564	0.507976	298.6101	74.53522	0.697396	100	2.5
2553.005	1950.505	343.0645	29.05135	0.239639	1.979097	492.5063	1387.121	0.305494	0.533	222.878	54.92758	0.514003	100	1.1
2553.157	1950.657	343.0689	29.13772	0.235482	2.106459	495.743	1388.73	0.301575	0.508683	261.844	63.97816	0.596985	100	1.5
2553.31	1950.81	343.0733	29.13341	0.242676	1.980659	497.1491	1391.308	0.308405	0.522214	233.7456	57.28821	0.534641	100	1.2
2553.462	1950.962	343.0777	29.23987	0.253942	1.828949	497.6614	1395.657	0.31912	0.544133	188.711	48.17418	0.448005	100	0.7
2553.614	1951.114	343.0821	29.32952	0.239675	2.176544	497.6762	1399.976	0.305595	0.514783	247.8785	60.53787	0.561324	100	1.4
2553.767	1951.267	343.0865	29.44663	0.205147	3.287999	497.6909	1402.058	0.273067	0.437821	398.9747	153.3324	1.416284	100	6.2
2553.919	1951.419	343.0909	29.53714	0.214767	2.880858	497.7057	1405.696	0.282116	0.46623	347.2818	95.63755	0.880765	100	3.3
2554.071	1951.571	343.0952	29.61207	0.235925	2.216711	497.7204	1408.316	0.302093	0.514784	252.7096	61.70026	0.566838	100	1.4
2554.224	1951.724	343.0997	29.56446	0.235905	2.199131	497.7351	1409.499	0.302091	0.514806	252.6817	61.69347	0.567662	100	1.4
2554.376	1951.876	343.104	29.53695	0.216534	2.750414	497.7498	1409.763	0.283828	0.47125	337.9929	90.4736	0.833233	100	3
2554.529	1952.029	343.1084	29.50253	0.216203	2.793264	497.8752	1408.758	0.283533	0.471164	338.5181	90.7454	0.836685	100	3
2554.681	1952.181	343.1128	29.50592	0.224709	2.527451	497.8899	1408.754	0.291563	0.488929	302.9208	75.97117	0.700393	100	2.2
2554.833	1952.333	343.1172	29.48171	0.22755	2.462613	497.8939	1402.561	0.29426	0.495993	289.4511	71.6486	0.661072	100	2
2554.986	1952.486	343.1216	29.38911	0.220759	2.598225	496.8486	1397.589	0.287872	0.482125	317.4044	81.24939	0.751944	100	2.5
2555.138	1952.638	343.126	29.32724	0.209211	2.745509	495.6306	1393.333	0.277029	0.456874	367.2147	110.2174	1.022125	100	4
2555.291	1952.791	343.1304	29.15042	0.198536	2.919413	493.6397	1392.36	0.267041	0.426436	423.0017	221.9185	2.0701	100	9.6
2555.443	1952.943	343.1348	28.97367	0.193168	3.119492	492.4319	1386.384	0.26204	0.408294	454.9388	312.2444	2.929896	100	14.4
2555.595	1953.095	343.1391	28.91362	0.193212	3.31185	491.8325	1382.037	0.262098	0.405371	458.8925	322.4568	3.031831	100	15
2555.748	1953.248	343.1435	28.90963	0.219379	2.508753	491.3443	1378.64	0.286655	0.470569	335.0316	88.98109	0.836744	100	2.9
2555.9	1953.4	343.1479	28.88555	0.23776	2.049228	490.5689	1370.411	0.304029	0.508966	258.0668	63.02294	0.593127	100	1.5
2556.053	1953.553	343.1523	28.82043	0.245347	1.924549	489.0817	1366.824	0.311236	0.526561	223.8401	55.13206	0.520003	100	1.1
2556.205	1953.705	343.1567	28.77086	0.237344	2.064142	488.2567	1360.544	0.303668	0.512839	253.2199	61.8247	0.584106	100	1.4
2556.357	1953.857	343.1611	28.72295	0.240904	1.972447	487.5447	1357.771	0.307057	0.523834	233.3712	57.20498	0.541337	100	1.2
2556.51	1954.01	343.1655	28.80881	0.2343	2.059955	486.1558	1347.66	0.30082	0.511447	259.0714	63.27512	0.597056	100	1.5
2556.662	1954.162	343.1699	28.75568	0.231848	2.095983	484.1035	1340.899	0.298519	0.50479	271.4348	66.49553	0.628571	100	1.7
2556.814	1954.314	343.1742	28.70326	0.209309	2.553278	481.9466	1332.943	0.277302	0.448846	377.9158	121.0643	1.146435	100	4.6
2556.967	1954.467	343.1786	28.67508	0.224996	2.118835	480.8556	1329.69	0.292081	0.47987	314.7086	80.2065	0.760256	100	2.4
2557.119	1954.619	343.183	28.63585	0.212529	2.441959	480.812	1322.478	0.280359	0.451289	370.3256	113.0963	1.073441	100	4.1
2557.272	1954.772	343.1874	28.56946	0.226682	2.016468	480.3722	1308.925	0.293705	0.487327	302.1757	75.71909	0.720304	100	2.1
2557.424	1954.924	343.1918	28.5512	0.241118	1.668646	479.097	1299.257	0.307374	0.522724	234.4643	57.44838	0.546841	100	1.1
2557.577	1955.077	343.1962	28.52741	0.230174	1.827228	476.9751	1292.81	0.297036	0.500511	279.3856	68.69422	0.654422	100	1.8
2557.729	1955.229	343.2006	28.56635	0.209177	2.297998	473.8802	1290.989	0.277277	0.453377	371.6969	114.4319	1.088715	100	4.3
2557.881	1955.381	343.205	28.52139	0.195935	2.64444	472.1167	1288.012	0.26489	0.416786	439.2879	269.7986	2.570831	100	12.3
2558.034	1955.534	343.2094	28.58509	0.201655	2.350537	471.6984	1287.156	0.270258	0.429097	414.8902	194.2703	1.847161	100	8.2
2558.186	1955.686	343.2138	28.53345	0.198571	2.463244	473.0615	1286.593	0.267387	0.421543	429.2765	240.8399	2.29399	100	10.6
2558.339	1955.839	343.2182	28.61303	0.203908	2.444283	474.7903	1287.274	0.272401	0.437632	400.1542	155.7528	1.479551	100	6.3
2558.491	1955.991	343.2225	28.60092	0.18903	3.081663	475.2439	1284.314	0.258509	0.398272	473.6413	358.8716	3.410476	100	17.3
2558.644	1956.144	343.2269	28.61264	0.20586	2.438708	474.2451	1278.639	0.274264	0.439247	395.3547	146.3916	1.390668	100	5.8
2558.796	1956.296	343.2313	28.61147	0.226142	1.90419	472.2415	1275.348	0.29336	0.480413	312.1931	79.26032	0.752981	100	2.3
2558.948	1956.448	343.2357	28.62389	0.215025	2.123467	470.0892	1272.763	0.282904	0.448177	371.1088	113.8539	1.081176	100	4
2559.101	1956.601	343.2401	28.63016	0.204131	2.352487	468.7791	1269.857	0.272693	0.420243	423.7487	224.2033	2.128641	100	9.5
2559.253	1956.753	343.2445	28.49459	0.202659	2.417828	469.0211	1268.651	0.27133	0.420372	425.4517	229.3792	2.187842	100	9.9
2559.405	1956.905	343.2489	28.3749	0.197487	2.567983	469.6993	1267.72	0.266506	0.401161	458.6197	321.7584	3.081543	100	14.7
2559.558	1957.058	343.2533	28.30147	0.205691	2.423656	469.5298	1269.73	0.274205	0.419463	422.7386	221.1115	2.122975	100	9.4
2559.71	1957.21	343.2576	28.20144	0.209099	2.4069	467.4991	1271.903	0.277419	0.426896	408.0454	174.2704	1.679008	100	7.1
2559.863	1957.363	343.2621	28.13976	0.196422	2.92132	467.6396	1277.007	0.265559	0.400284	461.1369	328.167	3.168477	100	15.3
2560.015	1957.515	343.2664	28.02669	0.209984	2.52974	469.7613	1271.615	0.278282	0.436362	393.7916	143.6062	1.39197	100	5.7
2560.167	1957.667	343.2708	27.94177	0.228606	2.028107	470.0454	1268.07	0.295835	0.476691	313.914	79.90489	0.776808	100	2.4
2560.32	1957.82	343.2752	27.79859	0.220053	2.245765	469.5603	1262.804	0.287785	0.449118	363.0744	106.6819	1.042322	100	3.8
2560.472	1957.972	343.2796	27.74194	0.209657	2.4847	468.97	1257.738	0.278025	0.422379	413.4418	189.6843	1.856979	100	7.9
2560.625	1958.125	343.284	27.6969	0.202658	2.583376	469.6573	1255.237	0.271478	0.400073	453.2609	307.85	3.018591	100	14
2560.777	1958.277	343.2884	27.66237	0.209544	2.328315	470.4522	1255.467	0.277952	0.40919	431.7454	248.1194	2.435881	100	10.7
2560.929	1958.429	343.2928	27.62472	0.216538	2.19495	471.1919	1260.801	0.284542	0.412524	418.0495	205.0109	2.015352	100	8.3
2561.082	1958.582	343.2972	27.72241	0.221199	2.159069	471.8884	1270.32	0.288947	0.416465	406.5312	170.3755	1.669147	100	6.5
2561.234	1958.734	343.3015	27.77312	0.21841	2.202018	473.9181	1284.585	0.286336	0.407216	422.8973	221.5983	2.167137	100	8.9
2561.387	1958.887	343.3059	27.86732	0.224181	1.990698	476.6295	1300.059	0.29179	0.437357	373.7769	116.5412	1.13599	100	4
2561.539	1959.039	343.3103	27.92299	0.219676	2.069246	481.3857	1316.341	0.287562	0.44735	365.8223	108.9925	1.06036	100	3.8
2561.691	1959.191	343.3147	27.99952	0.218938	2.242212	484.6232	1329.398	0.286883	0.467515	338.9317	90.96098	0.882594	100	3.1
2561.844	1959.344	343.3191	28.00235	0.207942	2.878865	486.5177	1337.789	0.276563	0.456661	368.1513	111.0629	1.077547	100	4.4
2561.996	1959.496	343.3235	28.08049	0.199741	3.541752	486.1884	1344.552	0.268894	0.442254	398.6152	152.6108	1.476662	100	6.7
2562.148	1959.648	343.3279	28.17007	0.20158	3.439478	484.8486	1341.933	0.270632	0.450152	385.3175	130.4136	1.257997	100	5.5
2562.301	1959.801	343.3323	28.24376	0.203591	3.377096	482.0696	1339.995	0.272532	0.455912	374.7466	117.5607	1.131153	100	4.8
2562.453	1959.953	343.3366	28.31225	0.197879	3.699885	477.8658	1330.799	0.267202	0.44268	400.3639	156.1919	1.499341	100	6.9
2562.606	1960.106	343.3411	28.398	0.197286	3.528868	477.5703	1324.489	0.266663	0.440685	403.8593	163.9153	1.568885	100	7.3
2562.758	1960.258	343.3454	28.45901	0.194483	3.573356	480.4289	1315.738	0.26406	0.433922	416.7848	200.5853	1.915889	100	9.2
2562.911	1960.411	343.3498	28.516	0.210009	2.893666	482.1357	1304.822	0.278619	0.470898	345.6668	94.68127	0.902602	100	3.5
2563.063	1960.563	343.3542	28.56936	0.210775	2.915964	479.8444	1291.874	0.279355	0.472067	343.0375	93.17974	0.886687	100	3.4
2563.215	1960.715	343.3586	28.61943	0.215138	2.74212	475.2827	1282.44	0.283471	0.482585	322.8422	83.45295	0.792787	100	2.8
2563.368	1960.868	343.363	28.66652	0.203742	3.025809	470.9144	1276.756	0.272789	0.461741	366.3487	109.4512	1.038118	100	4.3
2563.52	1961.02	343.3674	28.71089	0.198762	3.000604	470.3426	1279.1	0.268143	0.442424	399.4184	154.2333	1.460687	100	6.6
2563.673	1961.173	343.3718	28.75277	0.192143	2.873697	473.1692	1281.164	0.261974	0.403583	461.5324	329.1668	3.113043	100	15.4

2563.825	1961.325	343.3762	28.79237	0.203092	2.215212	478.8705	1284.722	0.27223	0.393615	461.1347	328.1614	3.099424	100	14.3
2563.978	1961.478	343.3806	28.79445	0.208549	1.876978	482.9335	1284.083	0.277363	0.375475	479.0833	371.6736	3.510173	100	15.8
2564.13	1961.63	343.3849	28.79652	0.216802	1.618844	483.5271	1286.553	0.285135	0.383585	457.1663	318.0222	3.003292	100	12.7
2564.282	1961.782	343.3893	28.7986	0.220425	1.673343	480.6962	1292.354	0.288563	0.399575	430.3691	244.0729	2.304798	100	9.3
2564.435	1961.935	343.3937	28.80068	0.219001	1.967221	477.2002	1300.904	0.287238	0.413393	413.13	188.7236	1.78202	100	7.1
2564.587	1962.087	343.3981	28.91337	0.209891	2.523533	474.6564	1310.557	0.278688	0.405085	436.393	261.5758	2.460619	100	10.8
2564.739	1962.239	343.4025	29.03656	0.206453	2.542745	473.4026	1311.43	0.275479	0.397753	450.9403	301.7123	2.82654	100	12.8
2564.892	1962.392	343.4069	29.15795	0.211994	2.253091	473.9732	1312.763	0.280697	0.40977	427.1553	234.5118	2.188145	100	9.4
2565.044	1962.544	343.4113	29.27734	0.216826	2.120571	474.1999	1308.741	0.285257	0.423344	402.1317	159.9999	1.48702	100	5.9
2565.197	1962.697	343.4157	29.3865	0.223207	2.113891	472.9645	1305.738	0.291284	0.450741	356.0063	101.3165	0.938246	100	3.2
2565.349	1962.849	343.4201	29.51472	0.221751	2.228391	469.1153	1288.401	0.289927	0.450835	357.748	102.5679	0.945851	100	3.3
2565.501	1963.001	343.4244	29.64707	0.219455	2.237068	464.1043	1270.737	0.287781	0.437984	378.4446	121.6759	1.117224	100	4.1
2565.654	1963.154	343.4288	29.76036	0.215078	1.969126	459.7276	1254.07	0.283678	0.402931	432.4796	250.2663	2.289499	100	9.6
2565.806	1963.306	343.4332	29.87311	0.211612	1.683912	457.1255	1242.945	0.280436	0.367518	485.8229	387.0823	3.528236	100	15.6
2565.958	1963.458	343.4376	29.98088	0.210631	1.505835	455.5339	1233.792	0.279532	0.338816	526.6798	471.1032	4.279202	100	19.2
2566.111	1963.611	343.442	30.07134	0.214025	1.417184	455.6223	1229.71	0.282737	0.348801	508.4777	435.5316	3.944628	100	17.3
2566.263	1963.763	343.4464	30.16966	0.215959	1.377497	457.3818	1221.504	0.284573	0.377395	466.4854	341.5264	3.083507	100	13.1
2566.416	1963.916	343.4508	30.17184	0.205395	1.47362	461.7054	1219.588	0.274668	0.383189	472.1572	355.3229	3.207872	100	14.5
2566.568	1964.068	343.4552	30.17401	0.197692	1.621134	466.613	1221.194	0.267471	0.388176	475.2084	362.5919	3.273296	100	15.5
2566.721	1964.221	343.4596	30.17618	0.190468	1.698181	469.1038	1209.337	0.26074	0.364641	516.9749	452.4834	4.084539	100	20.4
2566.873	1964.373	343.4639	30.17836	0.1892	1.656233	467.514	1203.099	0.259574	0.341031	551.1655	514.8949	4.647635	100	23.5
2567.025	1964.525	343.4683	30.18053	0.187306	1.617039	461.282	1196.888	0.257825	0.32572	574.7089	553.2331	4.993383	100	25.6
2567.178	1964.678	343.4727	30.1827	0.18469	1.744901	454.8375	1197.041	0.255405	0.32844	574.2946	552.587	4.987244	100	26
2567.33	1964.83	343.4771	30.18488	0.183531	1.865303	450.804	1188.462	0.254342	0.321969	584.6908	568.5159	5.130689	100	27
2567.482	1964.982	343.4815	30.18705	0.190064	1.730044	450.5577	1185.305	0.260445	0.343962	545.9183	505.8697	4.565044	100	23
2567.635	1965.135	343.4859	30.18923	0.197834	1.668841	452.3417	1183.266	0.267719	0.357481	517.2246	452.9721	4.087435	100	19.6
2567.787	1965.287	343.4903	30.1914	0.203698	1.572595	452.5067	1184.932	0.273224	0.369802	492.6232	402.1503	3.628616	100	16.7
2567.94	1965.44	343.4947	30.19357	0.200162	1.649744	449.8155	1177.522	0.26993	0.349568	525.0935	468.1117	4.223529	100	20
2568.092	1965.592	343.499	30.19575	0.197937	1.640854	444.1251	1172.413	0.267864	0.340213	540.8536	496.9786	4.483702	100	21.6
2568.245	1965.745	343.5035	30.19792	0.197841	1.635735	439.4295	1168.923	0.267791	0.34462	534.8735	486.2446	4.386591	100	21.1
2568.397	1965.897	343.5078	30.20009	0.201891	1.542848	437.1683	1167.177	0.271597	0.361774	505.9473	430.3608	3.882204	100	18.1
2568.549	1966.049	343.5122	30.20227	0.218941	1.330441	436.7991	1165.372	0.287625	0.414911	410.5005	180.9722	1.632415	100	6.2
2568.702	1966.202	343.5166	30.20444	0.241018	1.107152	437.1547	1164.092	0.308497	0.465355	312.0842	79.21993	0.71454	100	1.7
2568.854	1966.354	343.521	30.20662	0.23901	1.146995	438.06	1161.263	0.306612	0.449514	336.5463	89.73618	0.809343	100	2.1
2569.007	1966.507	343.5254	30.20879	0.226713	1.277013	438.6881	1160.609	0.295001	0.408792	408.7659	176.1863	1.588951	100	5.8
2569.159	1966.659	343.5298	30.21096	0.221768	1.373424	439.5392	1160.149	0.290354	0.396528	432.1028	249.1656	2.246983	100	8.9
2569.312	1966.812	343.5342	30.21314	0.210319	1.523835	439.9931	1160.096	0.279599	0.369333	484.4727	384.0339	3.463015	100	15.3
2569.464	1966.964	343.5386	30.21531	0.197492	1.763399	439.6248	1160.942	0.267595	0.334286	549.4041	511.8859	4.615633	100	22.3
2569.616	1967.116	343.5429	30.21748	0.191627	1.843587	440.1977	1160.741	0.262132	0.32045	576.0364	555.2971	5.00676	100	25.1
2569.769	1967.269	343.5473	30.21966	0.189164	1.814092	440.5994	1160.002	0.259852	0.308324	595.9178	585.0837	5.275	100	26.9
2569.921	1967.421	343.5517	30.22183	0.195474	1.68378	440.4973	1158.854	0.265758	0.334334	551.8739	516.0991	4.652762	100	22.8
2570.073	1967.573	343.5561	30.224	0.196466	1.674506	439.9622	1159.378	0.266701	0.328105	559.167	528.308	4.762536	100	23.2
2570.226	1967.726	343.5605	30.22618	0.200254	1.63631	440.4951	1161.621	0.270262	0.343916	532.4345	481.791	4.342931	100	20.6
2570.378	1967.878	343.5649	30.22835	0.203622	1.568497	442.8081	1165.334	0.273432	0.35752	509.2861	437.1715	3.940482	100	18.2
2570.531	1968.031	343.5693	30.23053	0.198861	1.659816	446.4532	1168.475	0.268991	0.341519	537.4962	490.9843	4.425255	100	21.2
2570.683	1968.183	343.5737	30.2327	0.197707	1.675799	450.0264	1169.335	0.267928	0.33924	542.108	499.1976	4.499004	100	21.7
2570.835	1968.335	343.578	30.23487	0.202292	1.596959	451.1156	1166.153	0.272235	0.356217	512.7362	444.1055	4.002242	100	18.7
2570.988	1968.488	343.5825	30.23705	0.20689	1.457952	448.0237	1162.073	0.276562	0.35975	501.8907	421.9494	3.802338	100	17.2
2571.14	1968.64	343.5868	30.23922	0.206594	1.468831	440.108	1157.588	0.2763	0.344274	523.6079	465.292	4.192657	100	19.2
2571.292	1968.792	343.5912	30.24139	0.201399	1.529706	431.8297	1157.244	0.271448	0.329778	550.3088	513.434	4.62617	100	21.9
2571.445	1968.945	343.5956	30.24357	0.194269	1.683533	427.1573	1157.092	0.264796	0.326607	563.8644	535.9938	4.829141	100	23.8
2571.597	1969.097	343.6	30.24574	0.192764	1.622097	429.9258	1164.084	0.263407	0.338921	548.7872	510.8273	4.602115	100	22.8
2571.75	1969.25	343.6044	30.24792	0.196505	1.573987	435.5841	1156.678	0.266918	0.356169	520.1397	458.6399	4.131697	100	19.9
2571.902	1969.402	343.6088	30.25009	0.202779	1.450852	440.8204	1157.071	0.272806	0.374013	487.3905	390.5975	3.518515	100	16.2
2572.055	1969.555	343.6132	30.25226	0.201678	1.514511	442.5895	1147.252	0.271791	0.369003	495.704	408.8243	3.682476	100	17.1
2572.207	1969.707	343.6176	30.25444	0.206694	1.439061	441.1414	1148.693	0.276509	0.380319	473.5785	358.7219	3.23098	100	14.5
2572.359	1969.859	343.6219	30.25661	0.208265	1.398602	437.8175	1151.738	0.277999	0.385737	464.0451	335.4739	3.021402	100	13.3
2572.512	1970.012	343.6263	30.25878	0.19254	1.594075	435.8909	1158.589	0.263296	0.360625	518.9887	456.4106	4.11035	100	20.3
2572.664	1970.164	343.6307	30.26096	0.161445	2.189051	435.6385	1157.297	0.234449	0.319418	615.6637	612.7764	5.51821	100	33.3
2572.817	1970.317	343.6351	30.26313	0.151923	2.293412	436.4855	1157.515	0.225698	0.302881	650.5614	657.8734	5.923956	100	38.2
2572.969	1970.469	343.6395	30.2653	0.167002	1.870581	437.1747	1160.984	0.239615	0.319153	608.9011	603.4879	5.433897	100	31.6
2573.122	1970.622	343.6439	30.26748	0.197997	1.451959	438.4222	1159.145	0.268461	0.354121	520.8363	459.9839	4.14151	100	19.8
2573.274	1970.774	343.6483	30.26965	0.220938	1.234783	439.8928	1156.726	0.290014	0.397252	431.5729	247.6138	2.229277	100	8.9
2573.426	1970.926	343.6527	30.27182	0.226739	1.208539	441.842	1155.73	0.295501	0.408603	408.3369	175.0404	1.5758	100	5.7
2573.579	1971.079	343.6571	30.274	0.224683	1.280931	441.5653	1151.952	0.293577	0.403881	417.5081	203.0951	1.828249	100	6.9
2573.731	1971.231	343.6615	30.27617	0.216969	1.457905	439.4576	1151.148	0.286325	0.388067	449.3388	297.4353	2.677329	100	11.2
2573.883	1971.383	343.6658	30.27835	0.204565	1.688037	437.3008	1150.074	0.274693	0.364696	497.643	412.9773	3.717137	100	17.1
2574.036	1971.536	343.6702	30.28052	0.19846	1.714764	436.2496	1150.499	0.268992	0.363234	507.5288	433.5993	3.902512	100	18.6
2574.188	1971.688	343.6746	30.28269	0.197612	1.657197	434.8813	1143.047	0.268215	0.375567	491.5811	399.8717	3.598733	100	17.1
2574.341	1971.841	343.679	30.28487	0.199047	1.576395	434.5775	1139.259	0.269574	0.375867	489.2914	394.8266	3.55311	100	16.7
2574.493	1971.993	343.6834	30.28704	0.223039	1.241626	436.3827	1132.907	0.292125	0.441136	368.0995	111.0157	0.998988	100	3.2
2574.646	1972.146	343.6878	30.28921	0.218703	1.284506	438.7989	1132.58	0.288056	0.419888	403.0381	162.0295	1.457951	100	5.4
2574.798	1972.298	343.6922	30.29139	0.207891	1.382576	440.4822	1131.085	0.27791	0.386256	463.4506	333.9886	3.005064	100	13.3
2574.95	1972.45	343.6966	30.29356	0.19985	1.537502	438.8533	1134.144	0.270391	0.369779	496.5664	410.6758	3.694831	100	17.4
2575.103	1972.603	343.701	30.29573	0.195421	1.634128	437.5993	1143.217	0.266265	0.359796	516.0353	450.6394	4.054133	100	19.7
2575.255	1972.755	343.7053	30.29791	0.190959	1.704188	438.0901	1143.056	0.262115	0.332139	559.9288	529.5637	4.763873	100	23.9
2575.407	1972.907	343.7097	30.30008	0.195349	1.597558	442.2205	1147.038	0.266231	0.328114	559.8039	529.3581	4.761731	100	23.3
2575.56	1973.06	343.7141	30.30226	0.198419	1.579189	447.5925	1151.76	0.269117	0.322819	563.129	534.7995	4.810382	100	23.2
2575.712	1973.212	343.7185	30.30443	0.204668	1.599112	450.3831	1145.318	0.274985	0.335349	537.7384	491.4195	4.419919	100	20.5
2575.865	1973.365	343.7229	30.3066	0.212484	1.566277	449.8664	1140.764	0.282337	0.366873	484.0913	383.1693	3.446085	100	15.1

2576.017	1973.517	343.7273	30.30878	0.207308	1.637622	445.7785	1137.486	0.277493	0.360553	499.4961	416.9125	3.749328	100	17
2576.169	1973.669	343.7317	30.31095	0.197697	1.748252	440.5555	1138.23	0.268508	0.350218	526.1595	470.1243	4.227606	100	20.3
2576.322	1973.822	343.7361	30.31312	0.189965	1.85118	434.8449	1137.735	0.261302	0.340879	548.9902	511.1759	4.596483	100	23.2
2576.474	1973.974	343.7405	30.3153	0.188798	1.802533	432.252	1132.274	0.260231	0.349029	539.2216	494.075	4.442438	100	22.5
2576.626	1974.126	343.7448	30.31747	0.192646	1.68402	431.9502	1127.785	0.263836	0.365593	511.3874	441.4071	3.968635	100	19.5
2576.779	1974.279	343.7492	30.31964	0.198635	1.54332	433.7616	1125.309	0.26945	0.385094	476.7296	366.1769	3.292048	100	15.5
2576.931	1974.431	343.7536	30.32182	0.199037	1.586432	436.892	1124.795	0.269842	0.368932	498.492	414.7843	3.728814	100	17.6
2577.084	1974.584	343.758	30.32399	0.198802	1.680336	439.2982	1126.346	0.269639	0.354169	519.1452	456.7144	4.105504	100	19.6
2577.236	1974.736	343.7624	30.32616	0.195639	1.795116	440.0469	1126.258	0.266697	0.343002	538.6143	492.9896	4.431318	100	21.6
2577.389	1974.889	343.7668	30.26011	0.189323	1.87506	441.6161	1126.768	0.260818	0.333755	559.4894	528.8398	4.763623	100	24.2
2577.541	1975.041	343.7712	30.18408	0.183682	1.863172	441.9008	1126.384	0.25558	0.331532	569.7863	545.4927	4.925622	100	25.8
2577.693	1975.193	343.7756	30.0823	0.182034	1.856017	441.1782	1125.281	0.254062	0.328567	575.972	555.1971	5.029678	100	26.6
2577.846	1975.346	343.78	29.98887	0.181511	1.841384	439.1933	1123.958	0.253592	0.322383	585.1548	569.2133	5.172223	100	27.5
2577.998	1975.498	343.7843	29.90549	0.184725	1.790214	438.3204	1121.233	0.256599	0.324821	577.6407	557.7782	5.082017	100	26.5
2578.151	1975.651	343.7887	29.8396	0.186559	1.767486	438.2767	1115.852	0.258323	0.327003	572.2493	549.3829	5.016255	100	25.9
2578.303	1975.803	343.7931	29.73786	0.188238	1.706517	437.8889	1108.044	0.259904	0.342143	549.174	511.4914	4.685768	100	23.9
2578.456	1975.956	343.7975	29.64358	0.184684	1.800911	436.1559	1098.913	0.256609	0.332561	566.9447	540.9607	4.971024	100	25.9
2578.608	1976.108	343.8019	29.55799	0.183072	1.800965	432.4835	1094.454	0.255125	0.332175	569.526	545.0796	5.022947	100	26.4
2578.76	1976.26	343.8063	29.43882	0.179908	1.886799	429.694	1095.489	0.2522	0.319904	590.4973	577.1636	5.339485	100	28.7
2578.913	1976.413	343.8107	29.37354	0.178175	1.890982	430.8065	1103.102	0.250606	0.313466	601.5809	593.2069	5.499758	100	29.9
2579.065	1976.565	343.8151	29.32158	0.18313	1.764759	437.05	1119.806	0.255228	0.316421	591.1241	578.0869	5.368817	100	28.3
2579.217	1976.717	343.8194	29.28591	0.193596	1.59531	447.0162	1146.176	0.265001	0.339009	546.4662	506.8208	4.712543	100	23.3
2579.37	1976.87	343.8239	29.17522	0.202435	1.441299	458.257	1180.261	0.273285	0.360119	505.9026	430.2689	4.01548	100	18.7
2579.522	1977.022	343.8282	29.09216	0.192997	1.491881	469.5719	1222.636	0.264475	0.352345	528.7892	475.0507	4.445705	100	21.9
2579.675	1977.175	343.8326	29.22693	0.181542	1.708947	478.61	1259.401	0.253817	0.354604	540.38	496.138	4.622341	100	24.4
2579.827	1977.327	343.837	29.16836	0.176431	2.010476	482.6668	1286.695	0.249085	0.380901	510.6195	439.8636	4.106058	100	22.3
2579.979	1977.479	343.8414	29.30355	0.195169	2.136297	482.4832	1303.034	0.266552	0.443908	399.5649	154.5334	1.436109	100	6.4
2580.132	1977.632	343.8458	29.18692	0.228272	2.01184	479.5467	1310.743	0.297667	0.519437	252.3974	61.6243	0.574908	100	1.5
2580.284	1977.784	343.8502	29.06977	0.215126	2.545307	476.8935	1310.906	0.285294	0.494228	304.2602	76.42862	0.715811	100	2.4
2580.437	1977.937	343.8546	28.9595	0.205921	2.453729	475.5197	1306.649	0.276666	0.48024	335.4693	89.19757	0.838492	100	3.2
2580.589	1978.089	343.859	28.81814	0.213006	2.073251	474.8156	1300.271	0.283333	0.496215	304.2242	76.41625	0.721765	100	2.4
2580.741	1978.241	343.8633	28.82021	0.226101	1.710477	475.2758	1296.349	0.295682	0.523708	249.2424	60.8632	0.574828	100	1.4
2580.894	1978.394	343.8677	28.82227	0.214117	1.993161	475.6277	1295.159	0.28441	0.502907	293.5021	72.89969	0.688466	100	2.2
2581.046	1978.546	343.8721	28.82433	0.220083	1.838416	476.2603	1296.114	0.290041	0.518217	264.6038	64.6886	0.610883	100	1.7
2581.199	1978.699	343.8765	28.82639	0.210589	2.04354	477.1656	1297.404	0.281128	0.500703	301.0734	75.34917	0.711512	100	2.4
2581.351	1978.851	343.8809	28.82845	0.209807	1.992874	477.9019	1298.032	0.28041	0.497895	305.9398	77.01026	0.727153	100	2.4
2581.503	1979.003	343.8853	28.83052	0.205156	2.222917	477.7908	1297.236	0.276062	0.490511	322.1287	83.15569	0.785132	100	2.9
2581.656	1979.156	343.8897	28.83258	0.202528	2.388401	476.1898	1294.132	0.273616	0.485947	331.8026	87.42612	0.825401	100	3.1
2581.808	1979.308	343.8941	28.83464	0.200202	2.544103	474.7579	1288.422	0.271455	0.479886	343.1493	93.24223	0.880258	100	3.5
2581.96	1979.46	343.8984	28.8367	0.204956	2.370082	474.2781	1282.152	0.275924	0.48652	327.828	85.60589	0.808118	100	3
2582.113	1979.613	343.9029	28.83877	0.202468	2.401179	474.7411	1274.871	0.273609	0.481165	338.4115	90.69002	0.856059	100	3.3
2582.265	1979.765	343.9072	28.84083	0.197751	2.563495	475.4254	1265.929	0.26921	0.475281	352.6021	98.99	0.934349	100	3.8
2582.418	1979.918	343.9116	28.84289	0.19814	2.527036	475.8823	1253.09	0.26959	0.481712	343.2032	93.27244	0.880328	100	3.5
2582.57	1980.07	343.916	28.84495	0.197917	2.473755	475.8344	1242.319	0.269398	0.483221	341.3866	92.26994	0.870813	100	3.5
2582.723	1980.223	343.9204	29.03696	0.194008	2.534138	475.1503	1228.29	0.265761	0.471804	362.1609	105.9435	0.993456	100	4.2
2582.875	1980.375	343.9248	29.08585	0.193264	2.620202	471.6291	1215.512	0.265082	0.464037	373.817	116.5829	1.091453	100	4.8
2583.027	1980.527	343.9292	29.18844	0.198091	2.402516	464.902	1196.128	0.269609	0.466639	363.9785	107.427	1.002317	100	4.1
2583.18	1980.68	343.9336	29.28356	0.183078	2.826879	453.3435	1177.41	0.25562	0.42295	443.5735	281.7531	2.620564	100	13.5
2583.332	1980.832	343.938	29.36941	0.172734	2.894913	440.2	1165.902	0.246031	0.381644	513.8091	446.2405	4.138731	100	23.2
2583.485	1980.985	343.9424	29.43848	0.165687	2.707474	429.4388	1160.63	0.239525	0.349617	566.9847	541.0249	5.006463	100	29.4
2583.637	1981.137	343.9467	29.54343	0.167943	2.166841	424.0796	1154.108	0.241627	0.348625	565.4525	538.5617	4.966567	100	28.7
2583.79	1981.29	343.9512	29.64163	0.178927	1.757881	426.1	1149.52	0.251826	0.362063	532.8332	482.5221	4.43554	100	23.8
2583.942	1981.442	343.9555	29.73172	0.19533	1.49889	434.3572	1149.085	0.267126	0.383939	481.5304	377.3245	3.458377	100	16.6
2584.094	1981.594	343.9599	29.85634	0.209602	1.397055	443.2805	1151.859	0.28051	0.398865	442.4632	278.6805	2.543957	100	11
2584.247	1981.747	343.9643	29.92698	0.208407	1.457724	451.084	1160.842	0.279405	0.382693	466.3056	341.0828	3.106517	100	13.7
2584.399	1981.899	343.9687	29.98429	0.204727	1.52083	456.658	1173.537	0.27597	0.366833	492.933	402.8257	3.662106	100	16.8
2584.551	1982.051	343.9731	30.02511	0.201673	1.527676	459.1513	1194.506	0.273124	0.359828	506.5261	431.5486	3.918101	100	18.3
2584.704	1982.204	343.9775	30.14334	0.200507	1.577593	464.0464	1214.005	0.272049	0.370751	492.9353	402.8308	3.643526	100	17.1
2584.856	1982.356	343.9819	30.1888	0.191665	1.845802	465.0699	1237.495	0.263801	0.378358	493.8213	404.7568	3.655646	100	18
2585.009	1982.509	343.9863	30.00804	0.176407	2.415605	466.4683	1265.04	0.249616	0.384314	505.1766	428.7743	3.895147	100	21.2
2585.161	1982.661	343.9906	30.04804	0.176462	2.807282	466.4553	1292.551	0.249683	0.424807	449.2041	297.074	2.695279	100	14.5
2585.313	1982.813	343.995	29.82134	0.182708	3.004649	469.9037	1312.085	0.255503	0.451092	404.8989	166.3686	1.52053	100	7.5
2585.466	1982.966	343.9994	29.92762	0.20575	2.444509	475.5639	1328.352	0.277042	0.492495	318.0395	81.49964	0.742315	100	2.7
2585.618	1983.118	344.0038	30.03366	0.218081	2.107296	482.9868	1348.261	0.288644	0.507284	281.6185	69.3321	0.629339	100	1.9
2585.771	1983.271	344.0082	30.13855	0.22179	2.134363	488.1369	1371.386	0.292154	0.508982	274.4327	67.31182	0.608949	100	1.8
2585.923	1983.423	344.0126	30.29629	0.199376	3.283731	492.6757	1388.932	0.27112	0.463734	365.9015	109.0611	0.981684	100	4.2
2586.075	1983.575	344.017	30.3032	0.195748	3.850878	496.7632	1398.809	0.267744	0.461504	373.6372	116.3963	1.047487	100	4.7
2586.228	1983.728	344.0214	30.30229	0.209956	3.257459	501.0656	1404.426	0.28107	0.490979	314.5721	80.15452	0.721362	100	2.7
2586.38	1983.88	344.0257	30.29155	0.220151	2.936415	504.0195	1411.747	0.290675	0.506407	280.0278	68.87673	0.620084	100	2
2586.533	1984.033	344.0302	30.27902	0.229608	2.815908	504.1879	1418.383	0.299611	0.521587	246.7462	60.26942	0.542815	100	1.5
2586.685	1984.185	344.0345	30.25222	0.244523	2.588207	502.7435	1424.931	0.313746	0.55021	187.7409	47.99578	0.432646	100	0.9
2586.837	1984.337	344.0389	30.22865	0.251644	2.229763	500.9245	1427.728	0.320524	0.56678	155.5208	42.44163	0.382871	100	0.6
2586.99	1984.49	344.0433	30.23319	0.253812	2.030764	499.9009	1429.887	0.322601	0.572245	145.1132	40.79123	0.367932	100	0.4
2587.142	1984.642	344.0477	30.24444	0.242975	2.178414	501.4297	1432.304	0.312327	0.553127	185.674	47.618	0.429358	100	0.8
2587.294	1984.794	344.0521	30.27523	0.236303	2.283984	503.7326	1436.944	0.306023	0.538844	214.084	53.097	0.478293	100	1.1
2587.447	1984.947	344.0565	30.27888	0.233053	2.339769	505.9122	1439.857	0.302965	0.528978	231.9198	56.88361	0.512347	100	1.3
2587.599	1985.099	344.0609	30.28053	0.232121	2.442742	506.8149	1442.99	0.3021	0.524525	239.2572	58.53006	0.527153	100	1.4
2587.752	1985.252	344.0653	30.28323	0.22253	2.777619	506.8817	1445.407	0.293062	0.501381	283.6691	69.92634	0.629745	100	2
2587.904	1985.404	344.0696	30.26302	0.230757	2.646223	506.2742	1449.436	0.300843	0.516395	252.2117	61.57916	0.554934	100	1.6
2588.057	1985.557	344.074	30.13829	0.213421	3.286467	505.1777	1454.076	0.28452	0.475014	331.8425	87.44489	0.791187	100	3

2588.209	1985.709	344.0784	30.17608	0.226567	2.795788	504.5883	1459.15	0.296919	0.500179	280.0048	68.87017	0.622376	100	1.9
2588.361	1985.861	344.0828	30.21337	0.230323	2.635777	505.0576	1464.291	0.300481	0.504442	269.2054	65.89793	0.59481	100	1.7
2588.514	1986.014	344.0872	30.20931	0.245353	2.22881	506.4634	1468.362	0.314728	0.534479	208.0942	51.88839	0.468421	100	1
2588.666	1986.166	344.0916	30.13553	0.22883	2.782343	507.4824	1469.151	0.299104	0.498392	279.4558	68.71415	0.621789	100	1.9
2588.819	1986.319	344.096	30.05021	0.238451	2.399883	508.3251	1468.395	0.308218	0.518146	239.6174	58.61232	0.531839	100	1.3
2588.971	1986.471	344.1004	29.93458	0.230989	2.544507	508.1136	1465.089	0.301176	0.500425	273.7906	67.13573	0.611459	100	1.8
2589.124	1986.624	344.1048	29.80246	0.22965	2.624477	507.2867	1459.905	0.299927	0.501094	274.5912	67.35538	0.616096	100	1.8
2589.276	1986.776	344.1091	29.93437	0.219481	3.111802	506.233	1453.654	0.290351	0.482609	313.3148	79.67913	0.725719	100	2.6
2589.428	1986.928	344.1135	29.83165	0.221692	2.974322	504.6408	1444.833	0.292451	0.489418	301.0202	75.33143	0.688411	100	2.3
2589.581	1987.081	344.1179	29.73034	0.242714	2.189558	503.9889	1443.049	0.312339	0.5296	218.1239	53.92947	0.49446	100	1.1
2589.733	1987.233	344.1223	29.64576	0.248178	1.942146	503.899	1440.212	0.31754	0.538991	197.9876	49.91545	0.458924	100	0.8
2589.885	1987.385	344.1267	29.55407	0.247729	1.977758	504.6478	1439.497	0.31713	0.543848	191.8502	48.75619	0.449616	100	0.8
2590.038	1987.538	344.1311	29.55618	0.241974	2.12824	506.1643	1438.99	0.311686	0.538688	206.4846	51.56868	0.475523	100	1
2590.19	1987.69	344.1355	29.51516	0.240376	2.163454	507.0697	1440.155	0.310188	0.534679	214.0833	53.09686	0.490278	100	1.1
2590.343	1987.843	344.1399	29.45801	0.241199	2.171613	507.8092	1441.97	0.310984	0.531102	217.9208	53.88727	0.498515	100	1.1
2590.495	1987.995	344.1443	29.40083	0.224008	2.678427	508.4933	1444.246	0.294748	0.493431	292.3137	72.52862	0.672237	100	2.1
2590.647	1988.147	344.1486	29.40804	0.243403	2.279295	508.9462	1444.217	0.313106	0.53725	206.5093	51.57357	0.477904	100	1
2590.8	1988.3	344.153	29.33637	0.245734	2.184935	508.3353	1439.883	0.315333	0.544494	193.439	49.05355	0.455632	100	0.9
2590.952	1988.452	344.1574	29.35688	0.253411	1.992484	506.4426	1430.982	0.322642	0.559794	162.2385	43.54273	0.404174	100	0.6
2591.104	1988.604	344.1618	29.3724	0.235879	2.315584	503.272	1419.19	0.306027	0.525861	231.9951	56.90024	0.527896	100	1.3
2591.257	1988.757	344.1662	29.36908	0.228892	2.510356	499.9724	1404.232	0.299438	0.515081	255.9641	62.49941	0.579911	100	1.6
2591.409	1988.909	344.1706	29.36657	0.219394	2.803096	495.3046	1390.683	0.290496	0.501306	287.3128	71.00335	0.658876	100	2.2
2591.562	1989.062	344.175	29.37165	0.202182	3.372111	489.8966	1377.299	0.274347	0.471576	350.6265	97.70701	0.906528	100	3.8
2591.714	1989.214	344.1794	29.38625	0.188802	3.788807	484.5085	1367.086	0.261861	0.444689	404.9618	166.5195	1.544241	100	7.5
2591.867	1989.367	344.1838	29.4026	0.184395	3.365588	481.075	1356.566	0.257771	0.437381	420.69	214.7912	1.990838	100	10.1
2592.019	1989.519	344.1881	29.43284	0.197883	2.563571	479.8236	1342.387	0.270373	0.465773	364.1196	107.5447	0.995816	100	4.2
2592.171	1989.671	344.1925	29.45999	0.213165	2.048235	480.1142	1329.271	0.284717	0.495266	303.624	76.21065	0.705053	100	2.3
2592.324	1989.824	344.1969	29.45976	0.21048	2.168943	480.184	1324.421	0.282211	0.485669	320.3262	82.41591	0.762472	100	2.6
2592.476	1989.976	344.2013	29.453	0.205048	2.249588	480.128	1328.325	0.27713	0.47269	345.2473	94.43719	0.873888	100	3.3
2592.629	1990.129	344.2057	29.42725	0.202846	2.266248	478.4073	1328.153	0.275083	0.470361	351.287	98.13071	0.908844	100	3.5
2592.781	1990.281	344.2101	29.42789	0.209845	2.01089	475.9717	1323.835	0.281663	0.487918	317.9788	81.47564	0.754582	100	2.6
2592.933	1990.433	344.2145	29.43048	0.211518	1.990513	473.9921	1316.289	0.283251	0.494953	306.0781	77.05855	0.713618	100	2.3
2593.086	1990.586	344.2189	29.50551	0.212375	1.975213	474.4858	1315.297	0.284072	0.501818	295.4729	73.52271	0.679202	100	2.2
2593.238	1990.738	344.2233	29.52943	0.210435	2.017268	479.0116	1317.193	0.282266	0.502245	297.3755	74.13364	0.684314	100	2.2
2593.391	1990.891	344.2277	29.52829	0.222783	1.758682	486.1406	1319.672	0.2939	0.522996	252.6839	61.69401	0.569512	100	1.5
2593.543	1991.043	344.232	29.52433	0.250253	1.291233	492.1106	1324.027	0.319915	0.566954	156.1208	42.53882	0.39274	100	0.3
2593.695	1991.195	344.2364	29.38783	0.253991	1.255237	495.5193	1327.43	0.323484	0.570514	146.2829	40.97343	0.379993	100	0.2
2593.848	1991.348	344.2408	29.39196	0.240911	1.471592	497.3737	1331.727	0.311084	0.546862	196.0347	49.54345	0.459413	100	0.7
2594	1991.5	344.2452	29.43295	0.24203	1.459381	498.4265	1336.007	0.31216	0.553565	185.2998	47.54993	0.440336	100	0.6
2594.153	1991.653	344.2496	29.4614	0.256564	1.217458	496.9237	1339.727	0.325981	0.578981	131.1526	38.67873	0.357852	100	0.1
2594.305	1991.805	344.254	29.70907	0.255695	1.228836	494.3213	1341.217	0.32517	0.576097	136.2528	39.43738	0.361927	100	0.2
2594.458	1991.958	344.2584	29.77935	0.259781	1.193527	492.5116	1340.46	0.329076	0.579587	126.0445	37.93363	0.347334	100	0.1
2594.61	1992.11	344.2628	29.5785	0.244701	1.379022	492.9907	1340.101	0.314758	0.547144	190.5758	48.51903	0.447183	100	0.6
2594.762	1992.262	344.2671	29.61037	0.240615	1.318508	495.4066	1343.573	0.310901	0.53607	211.1808	52.50745	0.483442	100	0.8
2594.915	1992.415	344.2716	29.65621	0.24051	1.268473	498.0963	1357.476	0.310817	0.536427	210.8031	52.43127	0.482022	100	0.8
2595.067	1992.567	344.2759	29.66304	0.25665	1.241964	500.3899	1369.583	0.32616	0.567127	147.265	41.12705	0.378016	100	0.2
2595.219	1992.719	344.2803	29.75931	0.242346	1.633367	501.3506	1381.138	0.31259	0.536212	208.6535	51.99998	0.47646	100	0.8
2595.372	1992.872	344.2847	29.72412	0.251432	1.562929	501.6963	1388.581	0.321229	0.55429	171.7832	45.15748	0.414242	100	0.5
2595.524	1993.024	344.2891	29.77922	0.238074	1.848093	501.7085	1394.844	0.308574	0.530396	222.2214	54.78851	0.501694	100	1
2595.677	1993.177	344.2935	29.88684	0.228287	2.110881	501.4988	1396.559	0.299336	0.515632	255.3436	62.34602	0.568912	100	1.5
2595.829	1993.329	344.2979	29.93316	0.242467	1.840301	500.9394	1393.206	0.312769	0.545784	195.1977	49.38493	0.44997	100	0.8
2595.981	1993.481	344.3023	29.96879	0.258034	1.642222	499.2172	1383.628	0.327574	0.577205	131.4053	38.71597	0.352356	100	0.2
2596.134	1993.634	344.3067	29.99669	0.25362	1.699967	496.7081	1369.528	0.323391	0.571521	145.0227	40.77717	0.370784	100	0.4
2596.286	1993.786	344.311	29.91332	0.210997	2.724735	492.4228	1351.471	0.283117	0.491492	311.0396	78.83465	0.718778	100	2.6
2596.438	1993.938	344.3154	30.05021	0.206459	2.657892	488.0851	1337.473	0.278874	0.485251	325.5076	84.58695	0.767831	100	2.9
2596.591	1994.091	344.3198	29.9563	0.201034	2.770687	484.1527	1323.317	0.273806	0.480689	338.7966	90.89041	0.827559	100	3.3
2596.743	1994.243	344.3242	29.86808	0.198358	2.7685	482.343	1314.08	0.271318	0.485824	335.1434	89.03624	0.813001	100	3.3
2596.896	1994.396	344.3286	29.75902	0.185887	3.18581	482.3514	1303.242	0.259694	0.471117	371.4816	114.2194	1.04666	100	4.9
2597.048	1994.548	344.333	29.65483	0.194857	2.670143	482.1357	1294.047	0.268077	0.484633	341.2599	92.20112	0.847775	100	3.5
2597.201	1994.701	344.3374	29.5336	0.200037	2.24966	480.9132	1290.898	0.272937	0.48315	336.5991	89.76284	0.828644	100	3.2
2597.353	1994.853	344.3418	29.41051	0.209778	1.854059	479.4805	1284.297	0.282085	0.491924	311.8665	79.13927	0.733541	100	2.4
2597.505	1995.005	344.3461	29.29121	0.209781	1.759231	478.1067	1279.529	0.282105	0.490116	314.3358	80.0647	0.745055	100	2.5
2597.658	1995.158	344.3506	29.17874	0.222261	1.458332	477.5653	1267.42	0.293861	0.517186	260.7553	63.70085	0.594999	100	1.5
2597.81	1995.31	344.3549	29.04916	0.230035	1.253003	477.3558	1260.307	0.301213	0.531844	230.3808	56.54515	0.53045	100	1
2597.963	1995.463	344.3593	28.92754	0.225431	1.271956	477.0879	1255.961	0.296882	0.520076	252.5984	61.67318	0.580921	100	1.3
2598.115	1995.615	344.3637	28.82743	0.227372	1.241905	476.313	1255.271	0.298731	0.521981	247.4179	60.42848	0.57112	100	1.2
2598.268	1995.768	344.3681	28.71635	0.228109	1.251759	474.6537	1255.273	0.299442	0.524516	242.9378	59.37718	0.563296	100	1.2
2598.42	1995.92	344.3725	28.54917	0.223222	1.308477	472.9974	1257.628	0.294848	0.516739	260.0106	63.51211	0.605955	100	1.5
2598.572	1996.072	344.3769	28.46865	0.213748	1.410029	472.0758	1261.14	0.285945	0.497829	298.3928	74.46426	0.712405	100	2.1
2598.725	1996.225	344.3813	28.37006	0.205127	1.586455	472.489	1267.289	0.277867	0.479888	334.2991	88.62196	0.850723	100	3
2598.877	1996.377	344.3857	28.37208	0.202399	1.720661	474.1867	1272.922	0.275326	0.475679	343.6131	93.5028	0.897522	100	3.3
2599.029	1996.529	344.39	28.6042	0.193373	2.064363	476.6524	1278.421	0.266901	0.458476	378.9793	122.3025	1.164718	100	5
2599.182	1996.682	344.3944	28.50357	0.195442	2.194027	478.513	1283.402	0.26885	0.461449	372.1878	114.9204	1.098179	100	4.6
2599.334	1996.834	344.3988	28.42565	0.19901	2.254102	480.2479	1289.835	0.272202	0.463658	364.5122	107.8738	1.033596	100	4.2
2599.487	1996.987	344.4032	28.61033	0.206018	2.212338	481.2727	1297.533	0.278783	0.471702	344.3304	93.90978	0.894163	100	3.4
2599.639	1997.139	344.4076	28.42301	0.209697	2.145026	482.7338	1304.402	0.282251	0.474109	336.2225	89.57335	0.858342	100	3.1
2599.792	1997.292	344.412	28.43664	0.195465	2.518275	483.3568	1310.931	0.268937	0.439742	402.0241	159.7624	1.530232	100	6.9
2599.944	1997.444	344.4164	28.38353	0.193562	2.565392	483.4188	1317.455	0.267175	0.441041	402.6626	161.1822	1.546651	100	7.1
2600.096	1997.596	344.4208	28.37515	0.19618	2.503911	482.5351	1317.492	0.269637	0.454275	381.0013	124.7492	1.197406	100	5.2
2600.249	1997.749	344.4252	28.51863	0.188643	2.821613	480.9893	1315.222	0.262617	0.442335	407.1669	171.9894	1.642783	100	7.9

2600.401	1997.901	344.4295	28.68576	0.187114	2.898236	479.9596	1313.061	0.261208	0.436248	417.5102	203.1024	1.928998	100	9.5
2600.553	1998.053	344.4339	28.55701	0.181658	3.243045	480.825	1313.749	0.256145	0.417951	449.7472	298.5294	2.847773	100	15
2600.706	1998.206	344.4383	28.49097	0.196429	2.485734	483.2375	1314.643	0.269934	0.450382	385.9649	131.3193	1.255531	100	5.5
2600.858	1998.358	344.4427	28.42998	0.200951	2.23176	485.8268	1322.575	0.274181	0.464268	360.9407	104.9791	1.005796	100	4
2601.011	1998.511	344.4471	28.43199	0.213549	1.857799	488.5627	1326.295	0.286015	0.490911	307.842	77.68017	0.744202	100	2.4
2601.163	1998.663	344.4515	28.41378	0.201364	2.198162	489.4955	1330.868	0.2746	0.464059	360.6507	104.7535	1.004208	100	4
2601.315	1998.815	344.4559	28.46697	0.21045	2.029271	487.4278	1336.809	0.283136	0.485165	319.7442	82.18042	0.786389	100	2.7
2601.468	1998.968	344.4603	28.53242	0.198551	2.426627	482.5096	1332.142	0.271999	0.463223	365.3945	108.6236	1.037117	100	4.3
2601.62	1999.12	344.4647	28.616	0.196266	2.500197	475.1865	1325.211	0.269878	0.462273	369.6313	112.436	1.07048	100	4.6
2601.772	1999.272	344.469	28.55684	0.185023	2.769025	472.1019	1320.619	0.259406	0.441329	412.9868	188.2852	1.796246	100	8.9
2601.925	1999.425	344.4734	28.56571	0.179984	2.822443	472.651	1320.672	0.254734	0.43383	429.782	242.3378	2.311232	100	12
2602.077	1999.577	344.4778	28.57107	0.186929	2.585574	477.1244	1322.751	0.261212	0.447669	401.7431	159.146	1.517548	100	7.2
2602.23	1999.73	344.4822	28.57568	0.170834	3.720296	481.2556	1321.947	0.246278	0.400896	486.9007	389.502	3.713572	100	21.1
2602.382	1999.882	344.4866	28.79864	0.177789	3.732131	482.8214	1321.59	0.252743	0.415709	457.5362	318.9758	3.018318	100	16.3
2602.535	2000.035	344.491	28.80761	0.188887	3.199946	482.5414	1324.888	0.263086	0.443133	405.4181	167.6221	1.585662	100	7.7
2602.687	2000.187	344.4954	28.80882	0.210624	2.315275	480.9523	1332.764	0.283444	0.492012	309.8713	78.40858	0.741701	100	2.6
2602.839	2000.339	344.4998	28.81992	0.218342	2.031175	480.9761	1344.302	0.290717	0.509477	275.7324	67.67041	0.63989	100	1.9
2602.992	2000.492	344.5042	28.81178	0.219444	2.021386	482.2315	1352.533	0.291771	0.512005	270.789	66.32159	0.627313	100	1.8
2603.144	2000.644	344.5085	28.84172	0.185683	3.323586	484.7156	1363.253	0.260165	0.437737	416.8955	200.9657	1.898964	100	9.5
2603.297	2000.797	344.513	28.9189	0.194044	3.286284	488.0726	1371.995	0.267979	0.449404	390.0123	137.3482	1.294477	100	5.9
2603.449	2000.949	344.5173	29.16179	0.214181	2.666506	492.0669	1382.654	0.286867	0.488016	310.6612	78.6961	0.735704	100	2.6
2603.602	2001.102	344.5217	29.24252	0.24206	1.939144	496.996	1391.887	0.313206	0.542925	198.5399	50.02118	0.466383	100	0.9
2603.754	2001.254	344.5261	29.21286	0.239058	2.082413	502.042	1401.141	0.310377	0.538065	209.1502	52.09929	0.486241	100	1
2603.906	2001.406	344.5305	29.15375	0.246018	2.104986	506.2142	1408.873	0.316991	0.554707	177.0565	46.07575	0.430873	100	0.8
2604.059	2001.559	344.5349	29.18251	0.243944	2.377516	507.719	1413.154	0.31504	0.551108	184.7156	47.44387	0.443246	100	0.9
2604.211	2001.711	344.5393	29.17048	0.24022	2.608064	507.3804	1413.741	0.311525	0.542589	201.3217	50.55734	0.472527	100	1.1
2604.363	2001.863	344.5437	29.02515	0.224094	3.0994	504.8734	1409.859	0.296298	0.50888	268.8534	65.80428	0.618023	100	2
2604.516	2002.016	344.5481	29.04078	0.216729	3.184759	501.2483	1403.579	0.289376	0.492943	300.3992	75.1247	0.705196	100	2.5
2604.668	2002.168	344.5524	29.15931	0.218105	3.029363	496.1876	1391.089	0.290687	0.498229	291.2965	72.21372	0.675202	100	2.3
2604.821	2002.321	344.5568	29.03353	0.20761	3.296262	491.1201	1378.324	0.28084	0.480224	329.732	86.46556	0.811863	100	3.2
2604.973	2002.473	344.5612	29.10145	0.205195	3.01752	487.0772	1368.361	0.278591	0.481617	330.9128	87.00997	0.815131	100	3.2
2605.125	2002.625	344.5656	29.15578	0.200571	2.992549	485.3825	1365.903	0.274275	0.475564	345.2215	94.42224	0.882978	100	3.6
2605.278	2002.778	344.57	29.28741	0.192238	3.188264	486.2556	1368.608	0.266502	0.457441	380.9591	124.6968	1.161012	100	5.3
2605.43	2002.93	344.5744	29.29145	0.1901	3.453064	489.9222	1374.19	0.264523	0.44921	395.0487	145.8369	1.35767	100	6.5
2605.583	2003.083	344.5788	29.06313	0.192308	3.363743	496.2455	1376.832	0.266599	0.451475	389.0584	135.868	1.274515	100	5.9
2605.735	2003.235	344.5832	28.84002	0.209596	2.97153	502.2707	1375.866	0.282801	0.487632	316.8029	81.01399	0.765668	100	2.9
2605.887	2003.387	344.5875	28.88039	0.216004	3.166781	505.1757	1371.24	0.288839	0.50228	288.2559	71.28669	0.672826	100	2.4
2606.04	2003.54	344.592	28.8777	0.217809	3.05801	499.9372	1366.222	0.290553	0.511157	273.6403	67.09461	0.633322	100	2.1
2606.192	2003.692	344.5963	28.87837	0.186366	3.81265	486.4198	1363.326	0.261123	0.453917	393.2455	142.6613	1.346595	100	6.6
2606.345	2003.845	344.6007	28.78355	0.170597	3.603289	471.8142	1362.393	0.246493	0.428013	449.1823	297.0155	2.812553	100	15.8
2606.497	2003.997	344.6051	28.75445	0.162138	3.017587	465.783	1362.33	0.238689	0.41069	483.857	382.6374	3.62693	100	21.6
2606.649	2004.149	344.6095	28.66878	0.1968	1.742068	470.7561	1363.383	0.270908	0.483225	339.2966	91.15234	0.866527	100	3.3
2606.802	2004.302	344.6139	28.55546	0.199398	2.343198	482.2148	1365.273	0.273355	0.484902	333.6059	88.28561	0.842518	100	3.3
2606.954	2004.454	344.6183	28.45284	0.198542	3.304329	492.9119	1367.765	0.272569	0.481376	339.5562	91.28914	0.874243	100	3.7
2607.106	2004.606	344.6227	28.38794	0.216684	2.913701	498.882	1374.433	0.289607	0.516111	268.1089	65.60685	0.629694	100	2.1
2607.259	2004.759	344.6271	28.47415	0.235136	2.398061	501.776	1378.706	0.307033	0.549112	198.5203	50.01742	0.478658	100	1.1
2607.411	2004.911	344.6314	28.55895	0.249404	2.106569	502.6891	1386.734	0.320575	0.573478	146.2062	40.96145	0.390866	100	0.6
2607.564	2005.064	344.6358	28.66508	0.223461	3.099622	503.7018	1383.47	0.296038	0.521931	251.2031	61.33477	0.583173	100	1.8
2607.716	2005.216	344.6402	28.54917	0.214053	3.742094	503.9229	1381.518	0.287196	0.498331	295.9721	73.68207	0.703341	100	2.6
2607.869	2005.369	344.6446	28.66351	0.209359	3.989115	502.4289	1381.656	0.282803	0.492556	310.0049	78.45704	0.746024	100	3
2608.021	2005.521	344.649	28.78838	0.193363	2.921656	494.958	1378.08	0.267841	0.470655	360.8755	104.9283	0.993534	100	4.3
2608.173	2005.673	344.6534	28.90064	0.180733	2.903781	485.6569	1375.301	0.256089	0.459544	392.4265	141.2705	1.332612	100	6.6
2608.326	2005.826	344.6578	28.95301	0.171204	2.886016	477.7349	1360.309	0.247264	0.4354	437.9238	265.939	2.50423	100	13.8
2608.478	2005.978	344.6622	28.97994	0.193836	2.948737	475.9435	1350.204	0.268332	0.470124	360.9311	104.9717	0.987588	100	4.3
2608.631	2006.131	344.6666	28.94726	0.183045	3.203256	478.6443	1343.009	0.258288	0.431181	428.5335	238.6312	2.247556	100	11.5
2608.783	2006.283	344.671	28.73032	0.190177	2.869477	482.5577	1333.393	0.264948	0.441713	404.8082	166.1516	1.576393	100	7.5
2608.936	2006.436	344.6754	28.69624	0.19148	2.80437	484.8482	1331.566	0.26618	0.441595	403.2708	162.5592	1.544101	100	7.2
2609.088	2006.588	344.6797	28.89764	0.195632	2.60822	485.2569	1329.77	0.270073	0.446816	390.6925	138.4273	1.305988	100	5.8
2609.24	2006.74	344.6841	28.9522	0.197456	2.563485	485.9004	1333.492	0.271795	0.450988	382.5604	126.7231	1.193387	100	5.2
2609.393	2006.893	344.6885	28.91187	0.197557	2.644084	487.9849	1339.049	0.271905	0.449944	383.8478	128.4136	1.210955	100	5.3
2609.545	2007.045	344.6929	28.82019	0.206268	2.456612	491.2397	1343.971	0.280079	0.472428	341.541	92.354	0.873607	100	3.3
2609.697	2007.197	344.6973	28.75158	0.209465	2.500741	494.6944	1346.863	0.283095	0.480775	325.8598	84.73965	0.803445	100	2.9
2609.85	2007.35	344.7017	28.76236	0.214887	2.465396	495.0805	1348.394	0.288205	0.496329	297.3428	74.12306	0.702535	100	2.4
2610.002	2007.502	344.7061	28.8468	0.20965	2.616521	493.0037	1349.997	0.2833	0.486071	318.2682	81.59019	0.771116	100	2.8
2610.155	2007.655	344.7105	28.73923	0.209761	2.422281	487.5016	1352.525	0.283421	0.488321	314.9958	80.31614	0.761841	100	2.7
2610.307	2007.807	344.7148	28.641	0.211953	2.221225	484.0085	1353.412	0.285496	0.49177	307.3724	77.51365	0.737714	100	2.5
2610.459	2007.959	344.7192	28.5448	0.224773	1.878579	481.8564	1351.74	0.297581	0.520764	250.6845	61.2096	0.584458	100	1.5
2610.612	2008.112	344.7236	28.48167	0.238045	1.660343	481.0277	1349.324	0.31014	0.548132	195.5849	49.4582	0.473272	100	0.9
2610.764	2008.264	344.728	28.48539	0.244419	1.525873	479.5894	1349.393	0.316197	0.560925	169.5716	44.77796	0.428435	100	0.6
2610.917	2008.417	344.7324	28.58879	0.22653	1.857154	478.0007	1351.216	0.299287	0.524886	242.6411	59.30835	0.565471	100	1.4
2611.069	2008.569	344.7368	28.67094	0.222508	1.948432	478.5281	1352.279	0.295509	0.517412	258.1683	63.04837	0.599461	100	1.6
2611.221	2008.721	344.7412	28.67744	0.209927	2.284656	479.9279	1353.292	0.283689	0.496325	303.5803	76.19571	0.724312	100	2.5
2611.374	2008.874	344.7456	28.70319	0.210496	2.264158	480.4461	1353.703	0.284239	0.498652	299.6107	74.86379	0.711036	100	2.4
2611.526	2009.026	344.7499	28.76449	0.227379	1.801595	480.7464	1355.05	0.300152	0.531254	232.6601	57.04727	0.540702	100	1.3
2611.679	2009.179	344.7544	28.78601	0.22566	1.849438	481.9574	1356.817	0.298546	0.52645	241.5059	59.04588	0.559243	100	1.4
2611.831	2009.331	344.7587	28.79545	0.218387	2.116241	484.8644	1358.338	0.291707	0.516314	264.9305	64.77341	0.6133	100	1.8
2611.983	2009.483	344.7631	28.97042	0.19585	2.913698	487.2615	1358.832	0.270582	0.474329	352.0227	98.60879	0.928197	100	3.9
2612.136	2009.636	344.7675	29.1687	0.20452	2.599406	487.5371	1358.124	0.278712	0.492922	315.1449	80.37323	0.75156	100	2.8
2612.288	2009.788	344.7719	29.27804	0.207185	2.414647	485.712	1355.771	0.281227	0.492466	312.303	79.30112	0.738853	100	2.6
2612.44	2009.94	344.7763	29.19073	0.207697	2.368879	484.3351	1353.567	0.281724	0.488939	316.4855	80.89041	0.755854	100	2.7

2612.593	2010.093	344.7807	29.12758	0.214605	2.106621	483.4481	1351.501	0.288229	0.500915	290.9818	72.11681	0.675296	100	2.1
2612.745	2010.245	344.7851	29.07348	0.202581	2.408832	481.4525	1350.096	0.276959	0.476192	340.6512	91.87244	0.861847	100	3.3
2612.898	2010.398	344.7895	29.0347	0.210236	2.199904	479.6702	1347.592	0.284156	0.492147	308.7021	77.98715	0.732545	100	2.5
2613.05	2010.55	344.7938	29.02825	0.211705	2.257552	476.6237	1346.156	0.285551	0.495847	301.671	75.54929	0.709805	100	2.4
2613.203	2010.703	344.7982	29.12069	0.232508	1.767404	475.4718	1345.311	0.305174	0.538157	216.204	53.5321	0.501401	100	1.1
2613.355	2010.855	344.8026	29.02909	0.22112	2.004396	474.7749	1347.598	0.294441	0.513846	264.5637	64.67819	0.607661	100	1.7
2613.507	2011.007	344.807	28.93552	0.233764	1.754992	475.5327	1347.149	0.306393	0.534443	219.6458	54.24678	0.511261	100	1.1
2613.66	2011.16	344.8114	28.96602	0.240648	1.597396	478.3914	1348.437	0.312926	0.550884	187.9429	48.03287	0.452237	100	0.7
2613.812	2011.312	344.8158	28.95157	0.220492	1.985671	481.1273	1349.107	0.293897	0.526188	248.2828	60.63409	0.571161	100	1.6
2613.965	2011.465	344.8202	28.93973	0.207161	2.2569	481.7582	1349.744	0.281381	0.514493	281.6932	69.3536	0.653562	100	2.2
2614.117	2011.617	344.8246	28.91874	0.196881	2.539849	482.7197	1350.49	0.271769	0.49277	324.9366	84.34081	0.795363	100	3.1
2614.27	2011.77	344.829	28.88246	0.213707	2.007262	483.1736	1350.993	0.28756	0.510203	279.0861	68.60939	0.647805	100	2
2614.422	2011.922	344.8334	28.69663	0.209058	2.167611	482.6653	1352.424	0.283209	0.487593	316.2928	80.81562	0.767863	100	2.7
2614.574	2012.074	344.8377	28.66996	0.216676	1.979463	480.3461	1353.102	0.290385	0.500579	288.4694	71.3511	0.678555	100	2.1
2614.727	2012.227	344.8421	28.67564	0.210534	2.067491	478.9631	1356.186	0.284627	0.490871	309.813	78.38747	0.745334	100	2.5
2614.879	2012.379	344.8465	28.67195	0.202827	2.266808	477.577	1358.61	0.277414	0.475217	341.37	92.26093	0.877365	100	3.4
2615.031	2012.531	344.8509	28.64706	0.205315	2.169718	475.4663	1357.894	0.279762	0.483239	327.0596	85.26506	0.811528	100	3
2615.184	2012.684	344.8553	28.86314	0.233547	1.426752	473.4781	1353.168	0.306364	0.538732	213.7671	53.03231	0.501078	100	0.9
2615.336	2012.836	344.8597	28.91303	0.241451	1.190769	471.8372	1343.823	0.313863	0.550821	186.7364	47.81179	0.450998	100	0.6
2615.489	2012.989	344.8641	29.15676	0.23273	1.395872	472.9267	1330.776	0.305623	0.526566	231.5788	56.80842	0.531515	100	1.1
2615.641	2013.141	344.8685	29.38819	0.232315	1.51141	475.6821	1317.883	0.305247	0.514436	248.8383	60.76659	0.564207	100	1.3
2615.793	2013.293	344.8728	29.33687	0.22214	1.695263	478.2901	1309.291	0.295658	0.499018	283.3474	69.83257	0.649489	100	1.8
2615.946	2013.446	344.8772	29.255	0.21677	1.812619	477.7894	1301.487	0.290617	0.499642	289.4426	71.646	0.66817	100	2
2616.098	2013.598	344.8816	29.24838	0.214767	1.784803	475.399	1295.725	0.288749	0.508947	279.1797	68.63588	0.640244	100	1.9
2616.25	2013.75	344.886	29.24389	0.229294	1.469765	472.7997	1290.74	0.302456	0.536032	222.8861	54.9293	0.512468	100	1
2616.403	2013.903	344.8904	29.25764	0.215619	1.688404	471.3153	1287.024	0.289582	0.508874	278.1307	68.33984	0.637297	100	1.8
2616.555	2014.055	344.8948	29.308	0.220378	1.586065	471.2165	1285.025	0.294078	0.522639	252.9312	61.75426	0.574928	100	1.5
2616.708	2014.208	344.8992	29.35808	0.218385	1.592732	470.6072	1283.987	0.292217	0.521436	257.159	62.79622	0.583665	100	1.5
2616.86	2014.36	344.9036	29.35625	0.212992	1.690763	469.166	1283.981	0.287161	0.510301	279.503	68.72754	0.638838	100	1.9
2617.013	2014.513	344.908	29.40093	0.194887	2.088268	467.1763	1284.226	0.270209	0.472089	355.6286	101.0507	0.937912	100	3.8
2617.165	2014.665	344.9124	29.45644	0.193172	2.137103	466.1936	1284.972	0.268624	0.471452	358.6944	103.2663	0.956732	100	4
2617.317	2014.817	344.9167	29.29416	0.203798	1.862013	465.8187	1285.991	0.27858	0.495272	312.0837	79.21972	0.737898	100	2.6
2617.47	2014.97	344.9211	29.1287	0.204639	1.858279	465.8362	1287.338	0.279384	0.497672	307.6637	77.61686	0.726961	100	2.5
2617.622	2015.122	344.9255	29.06139	0.210017	1.715468	465.9614	1287.816	0.284445	0.505986	289.2055	71.57396	0.671876	100	2.1
2617.775	2015.275	344.9299	29.11808	0.192316	2.135376	466.0895	1287.408	0.267889	0.465572	367.8242	110.7656	1.037817	100	4.4
2617.927	2015.427	344.9343	29.14331	0.194573	2.087927	466.4352	1287.744	0.270012	0.467007	362.913	106.5504	0.997491	100	4.1
2618.079	2015.579	344.9387	29.15656	0.194621	2.127701	466.3397	1287.955	0.270073	0.466508	363.5177	107.0454	1.001691	100	4.2
2618.232	2015.732	344.9431	29.14547	0.183678	2.524721	466.5754	1287.029	0.259885	0.44616	405.6583	168.2087	1.574629	100	7.7
2618.384	2015.884	344.9475	29.07653	0.175577	2.847517	466.4831	1286.236	0.252373	0.433776	433.114	252.115	2.365542	100	12.7
2618.537	2016.037	344.9519	28.81926	0.1785	2.672667	466.9453	1285.395	0.255103	0.447655	410.1949	180.1109	1.704612	100	8.7
2618.689	2016.189	344.9562	28.88934	0.205369	1.782884	467.2945	1286.065	0.280196	0.504816	296.6843	73.91058	0.697864	100	2.3
2618.841	2016.341	344.9606	28.97243											

Well B24: Saturation model input and output data

MDRT	Burial Depth	T_reg_K	P_merge52	PHI_harmB20	Salinity Cf	DTCO_detrend_hfactor	DTSM_detrend_hfactor	PHI_use_detrend_hfactor	APLC_detrend_hfactor	TGscaled	TGmod	TGmod	SOL_HC	SAT_HC
m	m	°K	MPa	v/v	mol/L	µs/m	µs/m	µs/m	µs/m	unitless	mol/m³	vol.%	vol.%	vol.%
1725.015	1080.515	319.6296	20.48812			494.4506	1480.368							
1725.167	1080.667	319.6342	20.36537	0.354911		488.8602	1446.915							
1725.32	1080.82	319.6388	20.42811	0.343728	1.523935	481.513	1423.986	0.284409	0.482546	321.6028	82.9382	1.036664	100	1.6
1725.472	1080.972	319.6435	20.47942	0.330444	1.689844	475.9787	1415.233	0.271562	0.471256	354.9119	100.5518	1.253801	100	2.5
1725.625	1081.125	319.6481	20.52996	0.342683	1.483683	474.2973	1433.582	0.283448	0.502067	295.9889	73.68746	0.916656	100	1.3
1725.777	1081.277	319.6527	20.54369	0.381419	1.054658	475.7886	1448.7	0.321194	0.573061	145.9273	40.91795	0.508689	84.9	0
1725.929	1081.429	319.6573	20.55628	0.381651	0.950043	478.9797	1452.562	0.321448	0.568772	151.4958	41.7955	0.519298	84.1	0
1726.082	1081.582	319.6619	20.56789	0.37901	0.896077	482.8509	1440.892	0.318894	0.56036	166.6296	44.27816	0.549851	88.4	0
1726.234	1081.734	319.6665	20.51464	0.360091	1.088797	487.0052	1427.137	0.300473	0.521067	246.2751	60.15815	0.748926	100	0.5
1726.387	1081.887	319.6712	20.47857	0.362735	1.116886	490.5365	1417.031	0.303073	0.528478	232.4592	57.0028	0.710856	100	0.4
1726.539	1082.039	319.6758	20.47887	0.36931	1.143847	492.4245	1398.584	0.309508	0.543082	203.4262	50.96701	0.635584	100	0.2
1726.691	1082.191	319.6804	20.56557	0.354146	1.243142	491.1402	1368.883	0.294769	0.512708	265.6822	64.96916	0.806918	100	0.8
1726.844	1082.344	319.685	20.6483	0.354327	1.336669	487.5892	1330.944	0.294972	0.51494	262.3216	64.10034	0.793066	100	0.8
1726.996	1082.496	319.6896	20.66299	0.349548	1.541299	484.2647	1330.632	0.290353	0.508254	277.9229	68.28142	0.844228	100	1.1
1727.149	1082.649	319.6943	20.58657	0.362626	1.518528	483.9431	1352.733	0.303101	0.535613	222.575	54.86334	0.680757	100	0.5
1727.301	1082.801	319.6989	20.55402	0.36415	1.424556	486.8507	1396.618	0.304611	0.536598	219.1308	54.13917	0.672803	100	0.4
1727.453	1082.953	319.7035	20.53256	0.357997	1.464479	491.9116	1434.147	0.298647	0.522144	247.3079	60.4024	0.751402	100	0.7
1727.606	1083.106	319.7081	20.46608	0.363669	1.39616	496.5193	1462.294	0.304197	0.531953	226.1141	55.61876	0.694066	100	0.5
1727.758	1083.258	319.7127	20.40373	0.359039	1.52481	498.8607	1480.539	0.299715	0.520088	248.673	60.72712	0.760052	100	0.7
1727.911	1083.411	319.7174	20.30354	0.348214	1.755616	499.1627	1482.837	0.289217	0.494221	298.856	74.61571	0.938333	100	1.4
1728.063	1083.563	319.722	20.28443	0.342731	1.835895	498.1046	1476.377	0.28392	0.481397	323.8623	83.8825	1.055838	100	1.8
1728.215	1083.715	319.7266	20.29258	0.346863	1.850425	496.8765	1455.327	0.287958	0.492165	303.4308	76.14471	0.958081	100	1.5
1728.368	1083.868	319.7312	20.19709	0.354221	1.917394	494.7419	1441.569	0.295134	0.510221	268.61	65.73963	0.830942	100	1.1
1728.52	1084.02	319.7358	20.19929	0.345943	2.070346	491.9841	1422.288	0.287118	0.496054	299.2233	74.73626	0.94457	100	1.6
1728.673	1084.173	319.7404	20.13894	0.351556	1.848939	488.3199	1402.071	0.292597	0.510466	271.7728	66.58681	0.844015	100	1.1
1728.825	1084.325	319.745	20.04783	0.358541	1.550887	484.9954	1362.569	0.299417	0.526604	240.0907	58.72063	0.747584	100	0.7
1728.977	1084.477	319.7497	19.91911	0.37036	1.347879	481.9542	1321.086	0.310957	0.548113	194.4828	49.24995	0.630934	100	0.3
1729.13	1084.63	319.7543	19.92048	0.366915	1.355297	480.8393	1283.459	0.307626	0.533563	219.16	54.14527	0.693609	100	0.4
1729.282	1084.782	319.7589	20.0153	0.374764	1.188695	480.6309	1270.118	0.315307	0.542508	196.2146	49.57761	0.632195	100	0.2
1729.435	1084.935	319.7635	20.03876	0.385079	1.042122	480.9893	1269.807	0.325411	0.557208	161.9862	43.50086	0.554085	90.9	0
1729.587	1085.087	319.7681	20.04008	0.371244	1.05595	480.0446	1276.897	0.311927	0.527793	221.1874	54.5703	0.695044	100	0.3
1729.739	1085.239	319.7727	20.09913	0.359284	1.088331	477.5702	1274.19	0.300299	0.509886	261.9441	64.00376	0.81289	100	0.7
1729.892	1085.392	319.7774	20.10045	0.332427	1.324087	474.1891	1262.518	0.274253	0.459373	367.5974	110.5607	1.404121	100	2.8
1730.044	1085.544	319.782	20.03224	0.342432	1.229954	472.7909	1248.761	0.283977	0.489896	312.0557	79.20934	1.009279	100	1.4
1730.197	1085.697	319.7866	20.03356	0.342786	1.183278	475.4154	1242.092	0.284347	0.495965	303.1707	76.0561	0.96905	100	1.3
1730.349	1085.849	319.7912	19.99965	0.357994	1.041185	480.7027	1242.51	0.29915	0.529077	237.0459	58.02805	0.74057	100	0.5
1730.501	1086.001	319.7958	19.99827	0.352928	1.054413	485.8204	1250.018	0.29425	0.521624	254.0946	62.03872	0.791817	100	0.7
1730.654	1086.154	319.8005	19.99537	0.335422	1.201797	488.2752	1265.028	0.277287	0.490195	320.8759	82.63987	1.054915	100	1.6
1730.806	1086.306	319.8051	19.98169	0.33661	1.263111	489.4832	1279.831	0.278465	0.494537	313.2582	79.65789	1.017534	100	1.5
1730.959	1086.459	319.8097	19.8868	0.350137	1.222158	490.0684	1293.281	0.291616	0.519978	260.0004	63.50953	0.81501	100	0.8
1731.111	1086.611	319.8143	19.80534	0.381611	1.093939	491.0499	1306.833	0.322313	0.578504	136.8724	39.53057	0.509315	85.3	0
1731.263	1086.763	319.8189	19.80664	0.367995	1.332784	491.6349	1333.519	0.309051	0.54602	200.0022	50.30226	0.648065	100	0.3
1731.416	1086.916	319.8236	19.80794	0.3428	1.722744	492.2765	1357.39	0.284573	0.489177	312.2251	79.27221	1.021244	100	1.7
1731.568	1087.068	319.8282	19.85335	0.338834	1.675819	493.0315	1385.742	0.280753	0.477888	333.0758	88.03067	1.131579	100	2
1731.721	1087.221	319.8328	19.88956	0.361841	1.376852	493.6165	1403.205	0.303134	0.524619	237.7021	58.17648	0.746514	100	0.6
1731.873	1087.373	319.8374	19.90061	0.372061	1.290516	493.4081	1406.386	0.313122	0.544401	196.6183	49.65431	0.636823	100	0.2
1732.025	1087.525	319.842	19.84473	0.363078	1.46727	492.6901	1420.146	0.304391	0.525727	234.4367	57.44222	0.73872	100	0.6
1732.178	1087.678	319.8466	19.78772	0.36364	1.570959	492.5384	1445.58	0.304965	0.527959	230.5641	56.58533	0.729737	100	0.6
1732.33	1087.83	319.8512	19.7123	0.372888	1.541703	493.1233	1487.431	0.314008	0.546015	193.1681	49.00272	0.634298	100	0.3
1732.483	1087.983	319.8559	19.71788	0.370317	1.637203	493.9349	1518.86	0.311527	0.537027	208.9948	52.0682	0.673801	100	0.5
1732.635	1088.135	319.8605	19.75484	0.360347	1.658779	494.5198	1529.389	0.301838	0.515476	252.1061	61.55353	0.795114	100	0.9
1732.787	1088.287	319.8651	19.78365	0.367201	1.545777	494.5382	1527.933	0.308542	0.53382	217.5402	53.80831	0.694094	100	0.5
1732.94	1088.44	319.8697	19.8561	0.369541	1.419693	494.6699	1510.943	0.31085	0.541615	203.5989	51.00077	0.655563	100	0.4
1733.092	1088.592	319.8743	19.98373	0.354881	1.533391	495.0281	1490.723	0.2966	0.513063	262.6658	64.18858	0.81999	100	0.9
1733.245	1088.745	319.879	19.96757	0.339659	1.838972	494.9333	1453.93	0.281845	0.481154	327.0612	85.26579	1.09011	100	1.9
1733.397	1088.897	319.8836	20.00134	0.294625	2.911912	494.0452	1438.919	0.238406	0.371278	538.6358	493.0281	6.293071	100	20.5
1733.549	1089.049	319.8882	19.99826	0.306085	2.695589	492.024	1434.75	0.249454	0.400171	483.5183	381.8676	4.874986	100	15
1733.702	1089.202	319.8928	20.07816	0.329611	2.078361	490.0026	1444.131	0.272191	0.457451	373.0943	115.8376	1.473131	100	3.3
1733.854	1089.354	319.8974	20.06578	0.370638	1.477687	489.341	1451.427	0.312078	0.547433	193.8745	49.1354	0.625245	100	0.3
1734.007	1089.507	319.9021	20.06175	0.377369	1.426	489.9259	1458.725	0.318674	0.566544	158.3982	42.90977	0.546136	100	0
1734.159	1089.659	319.9067	20.08589	0.365733	1.558632	491.9272	1463.937	0.307349	0.546911	201.1204	50.51833	0.642235	100	0.4
1734.311	1089.811	319.9113	20.2283	0.357272	1.620785	494.0986	1461.437	0.299138	0.5291	237.0316	58.02481	0.732657	100	0.7
1734.464	1089.964	319.9159	20.29017	0.357717	1.652536	496.0433	1452.265	0.299598	0.527401	238.7422	58.41269	0.735392	100	0.7
1734.616	1090.116	319.9205	20.25409	0.365483	1.551538	497.5346	1459.142	0.307186	0.537593	214.2057	53.12188	0.66994	100	0.5
1734.769	1090.269	319.9252	20.28209	0.365016	1.548355	498.1765	1473.841	0.306757	0.53292	221.2455	54.58254	0.687452	100	0.5
1734.921	1090.421	319.9298	20.24696	0.358015	1.594253	498.0247	1490.83	0.299966	0.518082	251.0928	61.30813	0.77346	100	0.8
1735.073	1090.573	319.9344	20.20402	0.348017	1.794184	497.0234	1497.294	0.290274	0.495093	296.1938	73.75308	0.932385	100	1.4
1735.226	1090.726	319.939	20.17289	0.35586	1.815206	495.0021	1493.959	0.297923	0.507107	269.058	65.8587	0.833834	100	1.1
1735.378	1090.878	319.9436	20.21191	0.350588	1.945321	493.3207	1482.388	0.292825	0.491885	297.1002	74.04465	0.935739	100	1.5
1735.531	1091.031	319.9482	20.18413	0.375984	1.565302	492.4892	1472.278	0.317586	0.543603	191.5588	48.70185	0.616294	100	0.3
1735.683	1091.183	319.9528	20.27885	0.356584	1.778694	492.3941	1460.811	0.298707	0.503735	272.6309	66.81942	0.841758	100	1.1
1735.835	1091.335	319.9575	20.3227	0.332674	2.157219	492.5258	1456.226	0.275527	0.458304	367.3134	110.3056	1.386699	100	3
1735.988	1091.488	319.9621	20.27209	0.323203	2.362822	492.3742	1450.178	0.266392	0.444233	399.3376	154.0685	1.941548	100	4.9
1736.14	1091.64	319.9667	20.26618	0.33093	2.16126	490.5229	1436.106	0.273892	0.468331	355.7325	101.1236	1.274718	100	2.7
1736.293	1091.793	319.9713	20.33626	0.35454	1.737134	486.1788	1402.231	0.296825	0.523309	248.2144	60.61779	0.761588	100	0.9

1736.445	1091.945	319.9759	20.48846	0.362585	1.572261	479.795	1357.826	0.30468	0.542996	210.2071	52.3113	0.652527	100	0.4
1736.597	1092.097	319.9805	20.55596	0.360271	1.590884	473.921	1319.363	0.302455	0.538707	219.1973	54.15305	0.673371	100	0.5
1736.75	1092.25	319.9852	20.51482	0.351483	1.614778	472.4091	1302.057	0.293933	0.51495	263.7415	64.46545	0.803159	100	1
1736.902	1092.402	319.9898	20.42279	0.357104	1.347589	475.94	1295.697	0.299425	0.523416	244.4798	59.73649	0.747482	100	0.7
1737.055	1092.555	319.9944	20.33164	0.367042	1.114499	483.437	1291.11	0.309129	0.546363	199.4208	50.1903	0.630753	100	0.2
1737.207	1092.707	319.999	20.33298	0.37104	0.998485	490.5942	1282.249	0.313053	0.5555	181.3963	46.84588	0.588692	99.6	0
1737.359	1092.859	320.0036	20.27385	0.345943	1.147605	494.1823	1276.933	0.288657	0.502781	287.8154	71.15411	0.896689	100	1.1
1737.512	1093.012	320.0083	20.33512	0.331348	1.326242	492.9544	1274.43	0.274534	0.469626	353.0592	99.29362	1.247681	100	2.3
1737.664	1093.164	320.0129	20.34514	0.309876	1.710655	487.8738	1277.346	0.253821	0.417866	453.073	307.3559	3.86031	100	11.2
1737.817	1093.317	320.0175	20.39872	0.335847	1.449048	482.2264	1282.975	0.278945	0.475913	338.2969	90.63065	1.135427	100	2
1737.969	1093.469	320.0221	20.35803	0.336042	1.477587	479.4117	1292.666	0.27916	0.478241	334.7869	88.8607	1.115411	100	1.9
1738.121	1093.621	320.0267	20.2833	0.339842	1.375293	481.866	1301.213	0.28287	0.486036	318.9099	81.84556	1.031017	100	1.6
1738.274	1093.774	320.0314	20.28463	0.36687	1.153104	488.0031	1312.468	0.309173	0.537562	211.5063	52.57318	0.662236	100	0.3
1738.426	1093.926	320.036	20.11069	0.37271	1.134663	494.5937	1331.854	0.314895	0.546699	191.0012	48.59807	0.617282	100	0.1
1738.579	1094.079	320.0406	20.20631	0.368899	1.185132	497.8985	1354.993	0.311204	0.5403	204.9238	51.26069	0.648133	100	0.2
1738.731	1094.231	320.0452	20.19487	0.351764	1.346402	497.1238	1378.028	0.29455	0.507912	272.6026	66.81173	0.84523	100	1
1738.883	1094.383	320.0498	20.19268	0.34555	1.434279	494.7061	1395.955	0.28854	0.501417	289.8585	71.77268	0.908096	100	1.2
1739.036	1094.536	320.0544	20.12946	0.340576	1.586959	492.628	1402.625	0.283741	0.494251	306.3712	77.16112	0.979245	100	1.5
1739.188	1094.688	320.059	20.16788	0.342887	1.538621	492.1929	1405.854	0.286009	0.495333	301.7489	75.57542	0.957367	100	1.4
1739.341	1094.841	320.0637	20.27169	0.324864	1.866019	493.1178	1412.524	0.268579	0.452779	384.5253	129.326	1.63018	100	3.8
1739.493	1094.993	320.0683	20.25961	0.334438	1.82099	495.4024	1431.909	0.27787	0.47237	344.6687	94.10339	1.186888	100	2.3
1739.645	1095.145	320.0729	20.26135	0.334902	1.887805	497.687	1462.239	0.278347	0.472109	344.3709	93.93287	1.184653	100	2.3
1739.798	1095.298	320.0775	20.30091	0.370869	1.476085	499.235	1493.716	0.313337	0.547322	192.2909	48.83847	0.614784	100	0.3
1739.95	1095.45	320.0821	20.24153	0.37066	1.496939	499.2968	1511.539	0.313159	0.546869	193.1609	49.00137	0.618588	100	0.3
1740.103	1095.603	320.0868	20.29947	0.379311	1.349573	496.641	1514.978	0.32163	0.564734	156.8182	42.65208	0.536958	98.2	0
1740.255	1095.755	320.0914	20.39876	0.367169	1.438768	488.21	1510.91	0.309809	0.54136	205.3869	51.35187	0.643453	100	0.3
1740.407	1095.907	320.096	20.44754	0.357424	1.556196	476.1189	1466.403	0.300345	0.523549	243.0266	59.39779	0.742567	100	0.7
1740.56	1096.06	320.1006	20.54291	0.342856	1.836273	463.0603	1372.174	0.286217	0.496244	300.2044	75.06006	0.934182	100	1.5
1740.712	1096.212	320.1052	20.63808	0.322261	2.072298	452.96	1197.372	0.266301	0.457239	381.5152	125.3912	1.553678	100	3.7
1740.865	1096.365	320.1099	20.62016	0.304652	2.152426	449.739	1075.724	0.249345	0.424755	449.7421	298.5158	3.701941	100	11
1741.017	1096.517	320.1145	20.54031	0.306594	1.792078	453.5121	1035.065	0.251241	0.439166	427.2374	234.758	2.922204	100	8.3
1741.169	1096.669	320.1191	20.58645	0.311631	1.460114	459.9094	1071.646	0.256121	0.456839	396.1153	147.7918	1.83572	100	4.5
1741.322	1096.822	320.1237	20.58089	0.325077	1.307765	465.9901	1144.396	0.269129	0.48554	338.5571	90.76562	1.127705	100	2
1741.474	1096.974	320.1283	20.46481	0.311697	1.547662	472.0707	1214.301	0.256238	0.458043	394.2926	144.4859	1.804976	100	4.4
1741.627	1097.127	320.1329	20.34537	0.317434	1.486843	477.925	1267.251	0.261799	0.469866	370.3033	113.0749	1.420589	100	3.1
1741.779	1097.279	320.1376	20.15468	0.2861	1.973793	483.5523	1303.384	0.231682	0.398637	510.1592	438.9362	5.564895	100	18.3
1741.931	1097.431	320.1422	19.97008	0.306355	1.60226	487.9334	1327.288	0.25117	0.437792	429.2331	240.7114	3.079074	100	8.7
1742.084	1097.584	320.1468	19.89363	0.33482	1.302775	490.3881	1341.634	0.27869	0.492195	316.1791	80.77155	1.037047	100	1.6
1742.236	1097.736	320.1514	19.99008	0.35477	1.190831	490.1233	1341.893	0.29808	0.526746	241.7408	59.10007	0.755268	100	0.6
1742.389	1097.889	320.156	20.00081	0.35847	1.239956	488.8386	1343.783	0.301706	0.529745	232.5973	57.03337	0.728486	100	0.5
1742.541	1098.041	320.1606	19.92454	0.36237	1.240806	487.9503	1350.086	0.305529	0.537348	216.8293	53.66117	0.687959	100	0.4
1742.693	1098.193	320.1652	19.98527	0.357242	1.291521	487.912	1361.08	0.300564	0.525675	239.7899	58.65176	0.749738	100	0.6
1742.846	1098.346	320.1699	19.92767	0.351014	1.250007	488.0436	1369.571	0.294535	0.508823	271.3669	66.47721	0.852156	100	0.9
1742.998	1098.498	320.1745	19.99121	0.350237	1.25858	487.4955	1373.164	0.293806	0.505109	277.4977	68.16216	0.871078	100	1
1743.151	1098.651	320.1791	20.00756	0.345198	1.291679	485.8142	1369.253	0.288938	0.497943	294.1037	73.08882	0.933311	100	1.2
1743.303	1098.803	320.1837	20.05017	0.341838	1.310919	482.4897	1367.946	0.285705	0.494613	303.1617	76.05305	0.969178	100	1.4
1743.455	1098.955	320.1883	20.03921	0.335056	1.368974	475.8793	1365.024	0.279156	0.484858	325.6604	84.65311	1.079355	100	1.8
1743.608	1099.108	320.193	20.04052	0.328037	1.440799	470.4583	1343.028	0.272387	0.474335	349.5228	97.0103	1.236849	100	2.4
1743.76	1099.26	320.1976	20.08876	0.329958	1.512314	465.7739	1299.975	0.274273	0.48213	336.1641	89.54408	1.139019	100	2.1
1743.913	1099.413	320.2022	20.14715	0.323866	1.61074	462.846	1244.728	0.268407	0.473046	356.7953	101.878	1.292294	100	2.7
1744.065	1099.565	320.2068	20.14749	0.305357	1.871951	461.1078	1197.4	0.250578	0.437493	430.4619	244.3465	3.099452	100	8.9
1744.217	1099.717	320.2114	20.29143	0.297476	1.89168	461.1261	1173.526	0.243024	0.423614	460.0404	325.385	4.099164	100	12.6
1744.37	1099.87	320.2161	20.35783	0.299443	1.738618	461.7675	1177.897	0.244941	0.428531	450.6089	300.8302	3.777938	100	11.3
1744.522	1100.022	320.2207	20.29671	0.303545	1.688644	462.919	1209.996	0.248913	0.437764	432.3857	249.9923	3.148655	100	9.1
1744.675	1100.175	320.2253	20.16961	0.304923	1.641911	465.4302	1257.21	0.250266	0.439997	427.4372	235.3569	2.982392	100	8.5
1744.827	1100.327	320.2299	20.15842	0.295118	1.766176	470.3777	1305.78	0.240863	0.416048	473.4627	358.4459	4.544638	100	14.1
1744.979	1100.479	320.2345	20.09407	0.299789	1.750227	477.4781	1353.412	0.245379	0.421062	460.3127	326.0772	4.147084	100	12.6
1745.132	1100.632	320.2391	20.03914	0.333563	1.439319	484.8619	1392.079	0.278	0.488795	321.8232	83.02917	1.058784	100	1.8
1745.284	1100.784	320.2438	20.07998	0.356344	1.34444	490.9993	1430.12	0.300139	0.528524	236.4448	57.89246	0.736799	100	0.6
1745.437	1100.937	320.2484	20.02529	0.354124	1.567575	495.2672	1457.219	0.298006	0.51829	253.5126	61.89622	0.789844	100	0.9
1745.589	1101.089	320.253	19.96632	0.336648	1.921068	496.8719	1470.765	0.281068	0.47986	329.9195	86.55144	1.107631	100	2.1
1745.741	1101.241	320.2576	19.9076	0.331768	2.108565	496.3806	1467.323	0.276368	0.467995	352.78	99.10785	1.271955	100	2.7
1745.894	1101.394	320.2622	19.84965	0.331259	2.205066	493.5661	1460.646	0.275901	0.466966	354.843	100.5042	1.293536	100	2.8
1746.046	1101.546	320.2668	19.7923	0.323495	2.354615	493.131	1463.142	0.268417	0.449922	388.6919	135.3092	1.746399	100	4.3
1746.199	1101.699	320.2715	19.84067	0.33702	2.059593	493.6591	1470.643	0.281534	0.481117	327.5418	85.47853	1.100656	100	2.1
1746.351	1101.851	320.2761	19.86358	0.339993	1.982584	494.074	1483.145	0.284443	0.488432	313.4332	79.72363	1.025419	100	1.8
1746.503	1102.003	320.2807	19.85341	0.360382	1.63629	492.1661	1500.861	0.304279	0.531327	226.8643	55.78039	0.717821	100	0.7
1746.656	1102.156	320.2853	19.89606	0.353284	1.71299	490.3713	1503.567	0.2974	0.517447	255.5106	62.38726	0.801185	100	1
1746.808	1102.308	320.2899	20.01617	0.355466	1.654705	489.1998	1491.471	0.299548	0.523516	244.1724	59.66463	0.76178	100	0.8
1746.961	1102.461	320.2946	20.14536	0.349795	1.717995	489.728	1482.815	0.294062	0.512993	266.264	65.12124	0.826302	100	1.1
1747.113	1102.613	320.2992	20.20928	0.347627	1.739307	491.9558	1488.124	0.291982	0.508225	275.7149	67.66555	0.855972	100	1.2
1747.265	1102.765	320.3038	20.39886	0.344419	1.735174	495.8835	1524.079	0.288894	0.500004	291.3209	72.22125	0.905414	100	1.3
1747.418	1102.918	320.3084	20.52235	0.368265	1.480122	499.8111	1545.547	0.312117	0.543474	199.2854	50.16427	0.62525	100	0.3
1747.57	1103.07	320.313	20.51938	0.377164	1.427498	502.549	1554.402	0.320825	0.557694	167.6445	44.44992	0.554109	100	0.1
1747.723	1103.223	320.3177	20.50786	0.373296	1.56369	503.7573	1550.958	0.317076	0.552062	180.5898	46.70177	0.582502	100	0.2
1747.875	1103.375	320.3223	20.5204	0.359379	1.795704	504.5121	1533.025	0.303539	0.525332	236.1579	57.82788	0.72086	100	0.7
1748.027	1103.527	320.3269	20.52174	0.343609	2.17159	505.5503	1515.925	0.28824	0.491409	304.0838	76.36807	0.951925	100	1.6
1748.18	1103.68	320.3315	20.52308	0.346485	2.071388	506.9284	1507.58	0.291057	0.496231	293.5421	72.91224	0.908801	100	1.5
1748.332	1103.832	320.3361	20.52442	0.363589	1.869907	507.8532	1500.486	0.307718	0.528768	225.649	55.51883	0.691968	100	0.7
1748.485	1103.985	320.3407	20.48565	0.359938	1.90051	507.9848	1498.292	0.304189	0.518629	244.5102	59.74359	0.745991	100	0.8

1748.637	1104.137	320.3454	20.41973	0.37312	1.743605	507.0967	1494.533	0.317063	0.546563	188.1963	48.07944	0.602222	100	0.3
1748.789	1104.289	320.35	20.43355	0.360821	1.855475	504.1123	1488.065	0.305102	0.522614	237.7516	58.18771	0.728366	100	0.8
1748.942	1104.442	320.3546	20.34766	0.351048	1.960045	499.0315	1476.385	0.295622	0.507201	272.1051	66.67675	0.838037	100	1.2
1749.094	1104.594	320.3592	20.33731	0.337141	2.179308	491.0612	1461.473	0.282151	0.48258	324.6704	84.22668	1.059147	100	2
1749.247	1104.747	320.3638	20.33151	0.343248	2.115472	484.9603	1436.869	0.2881	0.499486	293.1319	72.78372	0.915515	100	1.5
1749.399	1104.899	320.3684	20.35354	0.341966	2.080926	478.0098	1397.358	0.286882	0.499033	295.4372	73.51132	0.923711	100	1.5
1749.551	1105.051	320.373	20.36502	0.364242	1.609147	469.8694	1348.05	0.308564	0.540777	207.9098	51.85166	0.651198	100	0.5
1749.704	1105.204	320.3777	20.31177	0.348938	1.557822	462.6921	1280.603	0.293703	0.507429	274.4369	67.31296	0.847523	100	1.1
1749.856	1105.356	320.3823	20.32367	0.317742	1.75906	460.2172	1211.28	0.263519	0.447997	398.1083	151.6059	1.907781	100	4.7
1750.009	1105.509	320.3869	20.34137	0.299113	1.867972	463.8046	1167.911	0.245597	0.414938	468.4618	346.3766	4.355126	100	13.3
1750.161	1105.661	320.3915	20.43028	0.310392	1.649955	472.3212	1163.941	0.256482	0.451407	403.1144	162.2028	2.030896	100	5.2
1750.313	1105.813	320.3961	20.46731	0.342928	1.376512	481.5181	1206.357	0.287973	0.523935	259.5668	63.39998	0.792437	100	0.9
1750.466	1105.966	320.4008	20.42225	0.344658	1.574949	486.3525	1277.02	0.289678	0.519166	263.7946	64.47917	0.80765	100	1
1750.618	1106.118	320.4054	20.45893	0.346624	1.788874	488.0708	1364.882	0.291613	0.516028	265.4551	64.90996	0.811649	100	1.1
1750.771	1106.271	320.41	20.44448	0.356103	1.617873	489.2789	1443.053	0.300851	0.534468	227.2596	55.86578	0.699042	100	0.6
1750.923	1106.423	320.4146	20.50763	0.359636	1.550783	489.1839	1504.964	0.304316	0.540344	214.3689	53.15526	0.663158	100	0.5
1751.075	1106.575	320.4192	20.47688	0.361207	1.476946	490.8452	1525.702	0.305871	0.539891	212.8478	52.84509	0.66025	100	0.4
1751.228	1106.728	320.4239	20.47822	0.360933	1.565394	492.28	1522.569	0.305631	0.535794	218.8339	54.07725	0.67561	100	0.5
1751.38	1106.88	320.4285	20.47955	0.350247	1.724814	493.6013	1490.876	0.295264	0.51079	267.6451	65.48428	0.818081	100	1
1751.533	1107.033	320.4331	20.42219	0.338262	1.860246	493.9597	1447.092	0.283659	0.482909	322.1357	83.15861	1.041708	100	1.8
1751.685	1107.185	320.4377	20.49089	0.326632	2.17012	493.9779	1402.576	0.272424	0.460015	369.2339	112.0628	1.399259	100	3.1
1751.837	1107.337	320.4423	20.5599	0.327789	2.031634	493.6563	1372.757	0.273569	0.4657	359.8081	104.1056	1.295711	100	2.8
1751.99	1107.49	320.4469	20.57826	0.327829	1.764362	493.0514	1374.936	0.273634	0.471289	352.0061	98.59795	1.22612	100	2.5
1752.142	1107.642	320.4516	20.6478	0.317571	1.733676	490.6902	1386.29	0.263748	0.453478	390.2292	137.6902	1.706716	100	4.1
1752.295	1107.795	320.4562	20.66045	0.326683	1.460674	486.0627	1390.14	0.272578	0.473356	350.6109	97.69707	1.210287	100	2.3
1752.447	1107.947	320.4608	20.71727	0.325949	1.34391	480.755	1379.919	0.271894	0.472423	352.8417	99.14882	1.22504	100	2.3
1752.599	1108.099	320.4654	20.63627	0.311858	1.363277	477.3172	1358.44	0.258316	0.446077	407.9381	173.9884	2.157876	100	5.5
1752.752	1108.252	320.47	20.62199	0.327176	1.301702	477.1652	1343.422	0.273134	0.483313	336.1031	89.51351	1.110937	100	1.9
1752.904	1108.404	320.4746	20.57169	0.346343	1.102416	479.5063	1347.165	0.291734	0.526879	250.3134	61.12022	0.760348	100	0.7
1753.057	1108.557	320.4793	20.6553	0.335865	1.219884	483.0941	1354.871	0.281598	0.508589	289.5425	71.67639	0.888201	100	1.2
1753.209	1108.709	320.4839	20.68072	0.345548	1.139535	486.8517	1367.163	0.291015	0.519644	261.291	63.8371	0.79013	100	0.8
1753.361	1108.861	320.4885	20.66718	0.334458	1.220221	489.873	1366.219	0.280287	0.488886	318.5413	81.69864	1.011857	100	1.5
1753.514	1109.014	320.4931	20.5986	0.344626	1.195181	491.251	1350.367	0.290173	0.50723	279.5846	68.75069	0.854234	100	1
1753.666	1109.166	320.4977	20.6459	0.334222	1.306199	489.7398	1313.878	0.280112	0.482705	327.3128	85.377	1.058487	100	1.7
1753.819	1109.319	320.5024	20.62358	0.340235	1.300979	486.642	1279.89	0.285965	0.495295	301.8612	75.61318	0.938425	100	1.3
1753.971	1109.471	320.507	20.6237	0.329653	1.342171	482.4677	1280.505	0.27574	0.472017	348.0947	96.12915	1.193053	100	2.2
1754.123	1109.623	320.5116	20.7024	0.305465	1.671135	480.8427	1321.46	0.252418	0.413544	460.972	327.7495	4.052826	100	12
1754.276	1109.776	320.5162	20.81913	0.305999	1.831759	480.6342	1390.453	0.252959	0.411461	463.1012	333.1136	4.096964	100	12.2
1754.428	1109.928	320.5208	20.85434	0.309801	1.775307	481.0491	1447.358	0.256647	0.417529	449.6377	298.2362	3.662087	100	10.6
1754.581	1110.081	320.5255	20.8568	0.336206	1.388043	482.1439	1473.516	0.282191	0.476055	333.6201	88.29247	1.084046	100	1.8
1754.733	1110.233	320.5301	20.91316	0.337115	1.31639	483.1253	1464.753	0.283098	0.47963	327.4351	85.43119	1.046207	100	1.7
1754.885	1110.385	320.5347	20.83986	0.350642	1.095985	484.6734	1455.052	0.296252	0.510633	266.4993	65.18289	0.800952	100	0.7
1755.038	1110.538	320.5393	20.89185	0.342025	1.099211	483.6152	1439.095	0.287911	0.498672	294.5155	73.21881	0.897552	100	1.1
1755.19	1110.69	320.5439	20.84905	0.334611	1.128705	481.1973	1436.792	0.28075	0.489012	317.7282	81.37674	0.999536	100	1.5
1755.343	1110.843	320.5485	20.80915	0.334502	1.232964	480.139	1422.714	0.280671	0.492299	313.3014	79.67411	0.98044	100	1.5
1755.495	1110.995	320.5531	20.83836	0.33005	1.308752	479.6472	1424.684	0.276387	0.486188	327.6464	85.52502	1.051031	100	1.7
1755.647	1111.147	320.5578	20.80338	0.335857	1.319002	479.6655	1423.738	0.282036	0.499353	301.6826	75.55318	0.929998	100	1.3
1755.8	1111.3	320.5624	20.852	0.337591	1.346114	479.2305	1424.146	0.283742	0.503983	292.9392	72.72351	0.893168	100	1.2
1755.952	1111.452	320.567	20.81732	0.335377	1.436381	478.9088	1419.133	0.281623	0.500749	300.3268	75.10065	0.923852	100	1.4
1756.105	1111.605	320.5716	20.77728	0.357617	1.169169	478.4738	1407.451	0.303243	0.546041	207.9881	51.86725	0.639237	100	0.3
1756.257	1111.757	320.5762	20.716	0.371043	1.046518	478.6053	1397.852	0.316349	0.570426	156.2499	42.55977	0.526027	90.8	0
1756.409	1111.909	320.5808	20.77681	0.364419	1.082386	479.7568	1385.753	0.309918	0.55578	185.3369	47.55667	0.586137	100	0.1
1756.562	1112.062	320.5855	20.80335	0.343345	1.19328	481.3614	1383.241	0.289454	0.510253	276.4049	67.85709	0.835322	100	0.9
1756.714	1112.214	320.5901	20.83164	0.348201	1.143752	482.3995	1383.232	0.294194	0.516801	260.8273	63.71915	0.783367	100	0.7
1756.867	1112.367	320.5947	20.84165	0.326397	1.421296	483.041	1388.018	0.273089	0.46974	354.8972	100.5417	1.235507	100	2.4
1757.019	1112.519	320.5993	20.80173	0.329272	1.429488	483.0594	1381.337	0.275896	0.475041	343.7078	93.55623	1.151803	100	2.1
1757.171	1112.671	320.6039	20.61863	0.329863	1.473934	482.7378	1371.218	0.276494	0.479095	337.287	90.11176	1.118897	100	2
1757.324	1112.824	320.6086	20.55906	0.329506	1.434267	482.7559	1356.511	0.276175	0.481136	334.9118	88.9221	1.107221	100	2
1757.476	1112.976	320.6132	20.42355	0.32556	1.456728	483.1141	1342.221	0.272383	0.4756	347.7836	95.94019	1.202266	100	2.3
1757.629	1113.129	320.6178	20.45078	0.326277	1.443604	483.0758	1340.961	0.273104	0.479846	340.9294	92.02226	1.1517	100	2.1
1757.781	1113.281	320.6224	20.52155	0.338384	1.36733	481.7344	1319.688	0.284852	0.506341	288.1539	71.25596	0.888843	100	1.2
1757.933	1113.433	320.627	20.47553	0.344586	1.299743	478.3532	1289.139	0.290894	0.520273	260.5886	63.65853	0.795804	100	0.9
1758.086	1113.586	320.6317	20.52953	0.335393	1.365919	477.1815	1227.944	0.282006	0.503901	295.449	73.5151	0.916701	100	1.3
1758.238	1113.738	320.6363	20.63008	0.297887	1.567434	477.3696	1190.407	0.245836	0.426534	452.1295	304.8666	3.783727	100	11.4
1758.391	1113.891	320.6409	20.69196	0.292234	1.567865	479.3142	1173.615	0.240432	0.414573	476.0928	364.6795	4.513076	100	14.1
1758.543	1114.043	320.6455	20.67221	0.29572	1.383033	481.2588	1195.388	0.243805	0.423231	459.4902	323.9835	4.01318	100	12.2
1758.695	1114.195	320.6501	20.67243	0.323904	1.090315	482.5236	1240.72	0.270992	0.483675	338.559	90.76663	1.124326	100	1.9
1758.848	1114.348	320.6547	20.74394	0.321779	1.136261	483.1652	1301.583	0.268965	0.478811	348.0697	96.11394	1.186623	100	2.2
1759	1114.5	320.6594	20.76797	0.326771	1.184427	483.24	1342.225	0.273817	0.485359	332.3378	87.67891	1.081289	100	1.8
1759.153	1114.653	320.664	20.90316	0.323504	1.270454	481.7853	1360.771	0.270684	0.474932	351.0501	97.97811	1.200794	100	2.3
1759.305	1114.805	320.6686	20.95869	0.326459	1.273586	480.1039	1353.361	0.273567	0.48148	338.0354	90.49551	1.106274	100	1.9
1759.457	1114.957	320.6732	20.91092	0.330557	1.263831	480.3486	1341.365	0.277558	0.490329	320.3159	82.41176	1.009678	100	1.6
1759.61	1115.11	320.6778	20.81633	0.327067	1.374994	481.33	1339.686	0.274208	0.483355	334.5636	88.75122	1.092113	100	1.9
1759.762	1115.262	320.6824	20.80961	0.321325	1.536425	481.8015	1352.078	0.268683	0.471393	358.6943	103.2662	1.271135	100	2.6
1759.915	1115.415	320.6871	20.71933	0.337925	1.295423	479.7236	1366.036	0.284773	0.504027	291.4561	72.26299	0.893248	100	1.2
1760.067	1115.567	320.6917	20.71008	0.357311	1.112942	479.2318	1383.641	0.303626	0.541167	214.1861	53.11787	0.656884	100	0.3
1760.219	1115.719	320.6963	20.67537	0.347927	1.156513	479.1368	1398.433	0.29453	0.520191	255.6852	62.4304	0.773305	100	0.7
1760.372	1115.872	320.7009	20.64018	0.362513	1.035057	479.6649	1405.719	0.308742	0.547357	198.5826	50.02935	0.620722	100	0.1
1760.524	1116.024	320.7055	20.68823	0.364562	1.048149	480.7029	1405.707	0.310763	0.550549	191.3894	48.67031	0.602515	100	0.1
1760.677	1116.177	320.7102	20.73622	0.401026	0.854025	482.3643	1400.486	0.346431	0.620008	46.31473	28.00503	0.34592	52	0

1760.829	1116.329	320.7148	20.63635	0.375108	1.002406	483.9122	1391.094	0.3211	0.568727	152.0387	41.88207	0.519748	87.6	0
1760.981	1116.481	320.7194	20.58606	0.369624	1.049434	485.2337	1386.497	0.315776	0.556574	176.1566	45.9177	0.571177	99.1	0
1761.134	1116.634	320.724	20.53321	0.346007	1.252913	485.8186	1382.108	0.292823	0.510855	270.9241	66.35792	0.827495	100	0.9
1761.286	1116.786	320.7286	20.53454	0.33309	1.442344	485.8934	1374.696	0.280324	0.486235	322.1486	83.16393	1.037015	100	1.7
1761.439	1116.939	320.7333	20.65568	0.328979	1.517512	485.4018	1362.907	0.27637	0.483001	332.0677	87.5511	1.085559	100	1.9
1761.591	1117.091	320.7379	20.60454	0.304749	1.834291	484.7402	1354.974	0.253012	0.436035	429.115	240.3607	2.987431	100	8.6
1761.743	1117.243	320.7425	20.55657	0.304044	1.785198	483.7386	1363.927	0.252359	0.429637	438.8462	268.5517	3.345364	100	9.7
1761.896	1117.396	320.7471	20.47934	0.333363	1.36396	482.5104	1372.462	0.280693	0.489314	317.3909	81.24408	1.015755	100	1.6
1762.048	1117.548	320.7517	20.50654	0.332561	1.318082	481.7354	1368.803	0.279942	0.487998	320.2436	82.38241	1.02868	100	1.6
1762.201	1117.701	320.7563	20.55828	0.295414	1.742291	481.1871	1348.572	0.244139	0.405261	483.828	382.5716	4.765493	100	14.9
1762.353	1117.853	320.7609	20.4832	0.303216	1.599797	481.2051	1324.586	0.251666	0.422933	449.0527	296.6677	3.708542	100	10.9
1762.505	1118.005	320.7656	20.66029	0.325549	1.367175	481.3368	1315.089	0.273236	0.471966	351.6223	98.34782	1.219262	100	2.3
1762.658	1118.158	320.7702	20.7057	0.339812	1.25438	480.9585	1316.119	0.287073	0.498461	295.9638	73.67942	0.911516	100	1.2
1762.81	1118.31	320.7748	20.77548	0.322019	1.454769	479.9568	1325.279	0.269876	0.456195	378.023	121.1877	1.494424	100	3.3
1762.963	1118.463	320.7794	20.73385	0.322029	1.463519	479.2386	1327.979	0.269912	0.460345	372.2453	114.9781	1.420608	100	3
1763.115	1118.615	320.784	20.6749	0.310188	1.600538	479.5966	1325.257	0.258512	0.438026	418.7776	207.6387	2.572551	100	7
1763.267	1118.767	320.7886	20.73519	0.315949	1.50702	480.5781	1318.158	0.264094	0.454931	387.7451	133.891	1.654219	100	3.9
1763.42	1118.92	320.7933	20.69634	0.316441	1.499911	481.5029	1320.23	0.264595	0.459753	380.4005	124.0091	1.534917	100	3.5
1763.572	1119.072	320.7979	20.6362	0.311515	1.538903	481.9176	1334.705	0.259869	0.447887	403.2958	162.6162	2.018451	100	5.1
1763.725	1119.225	320.8025	20.65525	0.308756	1.601281	482.0493	1353.456	0.257236	0.440625	416.9514	201.1583	2.494657	100	6.8
1763.877	1119.377	320.8071	20.6768	0.32928	1.387222	482.0675	1369.288	0.27708	0.483232	330.7692	86.94327	1.077152	100	1.9
1764.029	1119.529	320.8117	20.75737	0.343704	1.282234	481.9725	1367.923	0.291084	0.511262	272.7633	66.85544	0.825192	100	0.9
1764.182	1119.682	320.8164	20.71756	0.327775	1.459255	481.7073	1361.344	0.275676	0.482997	333.0311	88.00925	1.088316	100	1.9
1764.334	1119.834	320.821	20.69411	0.324562	1.463782	480.9324	1349.031	0.272595	0.481393	339.4967	91.25774	1.129731	100	2.1
1764.487	1119.987	320.8256	20.67088	0.309016	1.620867	479.9309	1339.848	0.257617	0.449101	404.7289	165.9622	2.056787	100	5.3
1764.639	1120.139	320.8302	20.74997	0.328798	1.375617	478.5893	1335.352	0.276744	0.491899	319.2728	81.99082	1.0124	100	1.7
1764.791	1120.291	320.8348	20.86186	0.328418	1.406318	477.9276	1334.089	0.276402	0.490679	321.4277	82.86609	1.017933	100	1.7
1764.944	1120.444	320.8395	20.85481	0.330611	1.329812	478.399	1330.741	0.27855	0.494733	312.8689	79.51206	0.977061	100	1.5
1765.096	1120.596	320.8441	20.81684	0.327331	1.322263	480.6268	1325.725	0.275403	0.485457	330.0132	86.59442	1.065971	100	1.8
1765.249	1120.749	320.8487	20.8519	0.347068	1.085253	483.7045	1316.541	0.294558	0.523365	251.2668	61.35018	0.754002	100	0.6
1765.401	1120.901	320.8533	20.86392	0.351864	1.069607	486.6123	1312.358	0.299243	0.527803	238.6768	58.3978	0.717326	100	0.5
1765.553	1121.053	320.8579	20.93541	0.346422	1.094854	487.4806	1310.887	0.293983	0.511142	268.9274	65.82394	0.805896	100	0.8
1765.706	1121.206	320.8625	20.93962	0.339079	1.171399	485.6859	1310.873	0.286884	0.496112	299.4657	74.81599	0.915821	100	1.2
1765.858	1121.358	320.8671	21.0655	0.34748	1.077607	482.7579	1311.277	0.295062	0.514168	263.2632	64.34214	0.783092	100	0.7
1766.011	1121.511	320.8718	21.01724	0.350026	1.082736	478.9801	1313.349	0.297561	0.519661	252.2339	61.58456	0.751193	100	0.6
1766.163	1121.663	320.8764	20.96912	0.335219	1.202145	476.9586	1318.13	0.283222	0.489095	314.2038	80.0146	0.978163	100	1.4
1766.315	1121.815	320.881	21.06543	0.346893	1.114412	476.0703	1328.125	0.29457	0.51722	259.7291	63.44095	0.772152	100	0.7
1766.468	1121.968	320.8856	21.01975	0.317228	1.377714	478.1846	1333.323	0.265875	0.458843	379.8893	123.3883	1.504936	100	3.3
1766.62	1122.12	320.8902	20.98334	0.341368	1.128625	481.8288	1337.063	0.28926	0.509697	277.4392	68.14577	0.832553	100	0.9
1766.773	1122.273	320.8949	20.87656	0.340212	1.138644	484.2834	1337.467	0.288165	0.506942	282.7517	69.65945	0.855244	100	1
1766.925	1122.425	320.8995	20.96227	0.362121	1.016271	484.0751	1334.952	0.309482	0.548206	196.3908	49.61108	0.60671	100	0.1
1767.077	1122.577	320.9041	20.94456	0.362596	1.039883	481.4873	1322.328	0.30997	0.546219	198.4592	50.00571	0.61204	100	0.1
1767.23	1122.73	320.9087	21.00081	0.369361	1.019774	477.7094	1297.506	0.31659	0.563124	165.9956	44.1712	0.539242	93.3	0
1767.382	1122.882	320.9133	20.91353	0.365625	1.042946	475.518	1267.161	0.312974	0.559697	175.7133	45.84005	0.561868	98.8	0
1767.535	1123.035	320.918	20.83382	0.347657	1.153266	474.7995	1268.084	0.29552	0.526926	245.0248	59.8641	0.736474	100	0.6
1767.687	1123.187	320.9226	20.85622	0.33696	1.228907	476.7439	1300.068	0.285169	0.508155	285.213	70.37933	0.864951	100	1.1
1767.839	1123.339	320.9272	20.76701	0.324671	1.318587	478.462	1345.293	0.2733	0.477493	343.9058	93.66828	1.155943	100	2.1
1767.992	1123.492	320.9318	20.72519	0.328428	1.262715	479.9532	1365.711	0.276959	0.479246	336.4372	89.68126	1.108904	100	1.9
1768.144	1123.644	320.9364	20.63352	0.326128	1.237621	479.5183	1355.588	0.27476	0.473326	347.6405	95.8536	1.190314	100	2.2
1768.297	1123.797	320.941	20.54566	0.324258	1.252024	477.8368	1323.68	0.272979	0.468654	356.5477	101.7008	1.268148	100	2.4
1768.449	1123.949	320.9457	20.56339	0.322732	1.310707	475.2488	1296.355	0.27153	0.469639	357.1871	102.1601	1.272829	100	2.5
1768.601	1124.101	320.9503	20.55526	0.326808	1.324434	472.8308	1279.352	0.275496	0.482804	333.5464	88.25691	1.100039	100	1.9
1768.754	1124.254	320.9549	20.50997	0.340599	1.200381	471.999	1279.753	0.288879	0.509395	278.3827	68.41078	0.854502	100	1
1768.906	1124.406	320.9595	20.53843	0.355709	1.099138	472.527	1297.354	0.30358	0.53752	219.2812	54.17057	0.675734	100	0.4
1769.059	1124.559	320.9641	20.51956	0.335241	1.241761	474.6416	1323.19	0.283737	0.492857	308.3001	77.84336	0.971905	100	1.4
1769.211	1124.711	320.9687	20.61135	0.326185	1.309149	477.4925	1352.778	0.274998	0.470442	351.2929	98.13454	1.219997	100	2.3
1769.363	1124.863	320.9733	20.51821	0.319085	1.314284	480.1738	1363.085	0.268163	0.452919	384.907	129.8472	1.621333	100	3.6
1769.516	1125.016	320.978	20.52982	0.331982	1.136758	481.8352	1357.339	0.280659	0.479606	330.8353	86.97395	1.085417	100	1.7
1769.668	1125.168	320.9826	20.45329	0.321409	1.264067	481.2301	1334.601	0.27046	0.456232	377.1657	120.2105	1.505637	100	3.2
1769.821	1125.321	320.9872	20.34389	0.334227	1.140375	478.9823	1307.278	0.282885	0.484453	321.0729	82.72044	1.041467	100	1.6
1769.973	1125.473	320.9918	20.25351	0.328985	1.252527	476.4508	1292.565	0.277836	0.472972	343.8857	93.65686	1.184257	100	2.1
1770.125	1125.625	320.9964	20.25715	0.343476	1.136335	474.8259	1283.587	0.291904	0.503878	281.8211	69.39045	0.877274	100	1
1770.278	1125.778	321.0011	20.29011	0.335448	1.199067	474.1641	1286.073	0.284146	0.488369	313.9303	79.91105	1.008707	100	1.5
1770.43	1125.93	321.0057	20.45263	0.335044	1.19133	474.3522	1283.973	0.28378	0.489162	313.3399	79.68857	0.998186	100	1.5
1770.583	1126.083	321.0103	20.50081	0.319583	1.282604	475.3336	1277.289	0.268852	0.462624	370.5631	113.3246	1.416309	100	3
1770.735	1126.235	321.0149	20.43717	0.328315	1.214461	476.8249	1272.895	0.277318	0.488352	323.3755	83.67688	1.048933	100	1.7
1770.887	1126.387	321.0195	20.31591	0.341163	1.089771	478.4295	1273.09	0.28979	0.5136	271.321	66.46482	0.837984	100	0.9
1771.04	1126.54	321.0242	20.25612	0.356178	0.976489	479.5242	1277.869	0.304401	0.541726	212.345	52.74301	0.666886	100	0.3
1771.192	1126.692	321.0288	20.22965	0.333986	1.172185	479.9958	1287.234	0.282886	0.493034	309.231	78.17716	0.989738	100	1.5
1771.345	1126.845	321.0334	20.25209	0.346722	1.094368	480.1273	1292.016	0.295263	0.515597	261.0126	63.76626	0.806437	100	0.8
1771.497	1126.997	321.038	20.39388	0.35138	1.063684	480.0321	1294.502	0.299813	0.525406	241.1981	58.97494	0.740839	100	0.6
1771.649	1127.149	321.0426	20.36848	0.359673	0.980948	479.8238	1296.989	0.307905	0.542982	205.7757	51.42854	0.646827	100	0.2
1771.802	1127.302	321.0473	20.48358	0.364151	0.945885	479.502	1299.475	0.312292	0.551256	188.3035	48.09916	0.601676	100	0
1771.954	1127.454	321.0519	20.4891	0.331739	1.226501	479.6334	1304.254	0.28084	0.483959	324.5775	84.18694	1.052838	100	1.7
1772.107	1127.607	321.0565	20.50406	0.333153	1.218473	480.105	1297.569	0.282235	0.486479	319.1747	81.95149	1.024172	100	1.6
1772.259	1127.759	321.0611	20.40135	0.328556	1.271001	480.4631	1290.883	0.277811	0.476052	339.6689	91.34873	1.147174	100	2
1772.411	1127.911	321.0657	20.36805	0.341661	1.116941	480.0281	1286.49	0.290533	0.501301	287.2699	70.9905	0.89293	100	1.1
1772.564	1128.064	321.0703	20.33614	0.33213	1.185863	479.0265	1301.588	0.281322	0.477831	332.3682	87.6933	1.104705	100	1.8
1772.716	1128.216	321.0749	20.33926	0.34243	1.061914	478.0247	1336.177	0.291331	0.49838	290.1984	71.8765	0.905331	100	1.1
1772.869	1128.369	321.0796	20.48317	0.33503	1.097823	476.5133	1360.449	0.284182	0.481049	323.9814	83.93301	1.050026	100	1.6

1773.021	1128.521	321.0842	20.5774	0.34638	0.997371	475.3983	1351.471	0.295216	0.508886	270.3387	66.20072	0.824539	100	0.8
1773.173	1128.673	321.0888	20.60803	0.355716	1.011441	472.9236	1318.414	0.304315	0.532121	225.7183	55.53371	0.690695	100	0.4
1773.326	1128.826	321.0934	20.65203	0.344257	1.143875	472.6584	1295.674	0.293208	0.51383	266.2877	65.12746	0.808361	100	0.8
1773.478	1128.978	321.098	20.7063	0.338443	1.234492	473.9796	1292.426	0.287594	0.507335	282.9983	69.73103	0.863322	100	1.1
1773.631	1129.131	321.1027	20.8671	0.333674	1.283823	477.1139	1294.912	0.282999	0.495757	305.3164	76.79333	0.943709	100	1.4
1773.783	1129.283	321.1073	20.84001	0.353137	1.095269	479.3417	1297.397	0.301911	0.53261	228.3617	56.1046	0.690337	100	0.4
1773.935	1129.435	321.1119	20.81541	0.348932	1.087167	480.8898	1297.591	0.297851	0.521512	249.2798	60.87216	0.74986	100	0.6
1774.088	1129.588	321.1165	20.90597	0.369323	0.899276	479.8316	1297.783	0.317723	0.559995	168.7504	44.63787	0.547588	91.5	0
1774.24	1129.74	321.1211	20.93391	0.352297	1.009796	477.7534	1297.975	0.301172	0.527702	236.1543	57.82707	0.708481	100	0.4
1774.393	1129.893	321.1258	20.89133	0.352181	0.998418	474.769	1292.852	0.301085	0.530126	232.9285	57.10674	0.701036	100	0.4
1774.545	1130.045	321.1304	20.72865	0.330119	1.203616	472.5206	1277.409	0.279713	0.485079	324.5884	84.19161	1.041352	100	1.7
1774.697	1130.197	321.135	20.8319	0.333655	1.188807	471.3492	1250.918	0.283162	0.492489	309.6013	78.31084	0.963998	100	1.4
1774.85	1130.35	321.1396	20.77449	0.334423	1.223291	472.1037	1227.552	0.283932	0.493666	306.9139	77.35181	0.954738	100	1.4
1775.002	1130.502	321.1442	20.88088	0.332088	1.142578	474.1615	1232.12	0.281697	0.488322	317.3738	81.23736	0.997785	100	1.5
1775.155	1130.655	321.1488	20.88082	0.329101	1.172171	476.446	1243.779	0.278832	0.478087	335.4523	89.18915	1.095467	100	1.8
1775.307	1130.807	321.1535	20.84416	0.330224	1.131481	478.3338	1286.184	0.279944	0.475812	337.0575	89.99495	1.107249	100	1.8
1775.459	1130.959	321.1581	20.76385	0.343946	1.02348	480.1085	1326.924	0.293269	0.505088	278.2673	68.37829	0.844434	100	0.9
1775.612	1131.112	321.1627	20.73938	0.347143	0.981808	482.0529	1365.579	0.296398	0.512595	263.5899	64.42635	0.796543	100	0.7
1775.764	1131.264	321.1673	20.60352	0.352295	0.885126	483.6576	1354.724	0.301429	0.525568	238.7444	58.41319	0.726799	100	0.4
1775.917	1131.417	321.1719	20.63291	0.351761	0.892041	484.0724	1346.995	0.300936	0.527033	237.4031	58.10878	0.722026	100	0.4
1776.069	1131.569	321.1765	20.77039	0.338091	1.077099	483.6374	1352.501	0.287694	0.499439	293.7565	72.97954	0.901023	100	1.1
1776.221	1131.721	321.1811	20.83074	0.340668	1.117672	482.2959	1389.382	0.290218	0.504932	282.6931	69.64249	0.857432	100	1
1776.374	1131.874	321.1858	20.89962	0.336079	1.262569	481.7474	1420.011	0.285795	0.498533	297.6268	74.21505	0.910838	100	1.3
1776.526	1132.026	321.1904	20.78587	0.340036	1.223864	481.7655	1437.401	0.289657	0.510547	275.7188	67.66662	0.834856	100	1
1776.679	1132.179	321.195	20.81587	0.347256	1.165818	481.2172	1429.361	0.29669	0.526205	244.4053	59.71906	0.735786	100	0.6
1776.831	1132.331	321.1996	20.83427	0.34978	1.15388	477.5527	1407.767	0.299167	0.531602	233.5388	57.2422	0.704677	100	0.5
1776.983	1132.483	321.2042	20.76692	0.327033	1.375932	469.0726	1385.652	0.277142	0.487706	324.5102	84.15816	1.039273	100	1.8
1777.136	1132.636	321.2089	20.76643	0.315923	1.496298	459.9689	1389.595	0.266434	0.467497	367.1754	110.1822	1.360691	100	2.9
1777.288	1132.788	321.2135	20.74664	0.28526	1.930768	458.3436	1384.783	0.236971	0.416983	477.5446	368.0872	4.549909	100	14.8
1777.441	1132.941	321.2181	20.72955	0.275234	2.202629	464.2538	1381.117	0.2274	0.415187	493.2306	403.4737	4.991339	100	17
1777.593	1133.093	321.2227	20.86961	0.289766	1.909732	473.7336	1361.817	0.241343	0.447724	429.0874	240.2787	2.953273	100	9
1777.745	1133.245	321.2273	20.93556	0.354096	1.155736	478.058	1341.996	0.303517	0.569929	174.6448	45.65343	0.559431	100	0.1
1777.898	1133.398	321.232	20.93609	0.354475	1.167739	476.4901	1325.821	0.303912	0.560844	186.6366	47.79355	0.585648	100	0.2
1778.05	1133.55	321.2366	20.92734	0.348442	1.285244	472.3723	1277.231	0.298074	0.536416	228.4039	56.11377	0.687886	100	0.5
1778.203	1133.703	321.2412	20.80584	0.338123	1.40061	470.011	1251.206	0.288087	0.510836	277.4858	68.15883	0.840253	100	1.1
1778.355	1133.855	321.2458	20.66692	0.335319	1.465461	471.4452	1248.32	0.285396	0.502519	292.6774	72.64183	0.901332	100	1.3
1778.507	1134.007	321.2504	20.59082	0.317572	1.554549	475.8826	1284.575	0.268259	0.464281	369.0947	111.9328	1.393818	100	3
1778.66	1134.16	321.255	20.54295	0.348436	1.237759	482.7561	1329.065	0.298172	0.528082	239.7698	58.64715	0.731941	100	0.6
1778.812	1134.312	321.2597	20.53075	0.358934	1.16315	488.95	1371.419	0.308404	0.544795	202.5852	50.80288	0.634412	100	0.3
1778.965	1134.465	321.2643	20.52807	0.363695	1.175647	491.3481	1377.709	0.313066	0.549041	190.2923	48.46645	0.605318	100	0.2
1779.117	1134.617	321.2689	20.49438	0.334991	1.504789	489.4401	1369.875	0.285207	0.483566	319.0928	81.91872	1.024754	100	1.7
1779.269	1134.769	321.2735	20.48353	0.349252	1.350255	481.5833	1348.177	0.299069	0.50776	266.5765	65.20316	0.816078	100	0.9
1779.422	1134.922	321.2781	20.36014	0.341075	1.420963	478.7682	1341.903	0.291157	0.490907	300.7513	75.24175	0.947245	100	1.4
1779.574	1135.074	321.2827	20.33918	0.323973	1.599779	478.7295	1344.698	0.274624	0.456121	371.5718	114.3082	1.440517	100	3.1
1779.727	1135.227	321.2874	20.28045	0.300819	1.888305	482.2603	1344.265	0.252323	0.406663	470.5996	351.5712	4.442971	100	13.6
1779.879	1135.379	321.292	20.32582	0.34022	1.32167	486.4711	1337.366	0.290405	0.501152	287.6515	71.10487	0.896656	100	1.2
1780.031	1135.531	321.2966	20.17585	0.346738	1.270839	489.7756	1334.847	0.296756	0.51307	262.4403	64.13075	0.814534	100	0.9
1780.184	1135.684	321.3012	20.1824	0.372913	1.104262	491.4369	1335.036	0.32226	0.562773	158.6538	42.9516	0.545369	95	0
1780.336	1135.836	321.3058	20.02793	0.354368	1.277674	491.6251	1341.897	0.304222	0.523959	237.1101	58.04254	0.742495	100	0.6
1780.489	1135.989	321.3105	20.01376	0.363211	1.274731	491.5299	1341.88	0.312853	0.541632	200.8113	50.4585	0.645928	100	0.3
1780.641	1136.141	321.3151	20.08211	0.353141	1.420664	491.4346	1354.055	0.30308	0.524875	237.422	58.11306	0.741471	100	0.7
1780.793	1136.293	321.3197	20.16898	0.336084	1.625297	491.4529	1368.005	0.286551	0.494884	301.6193	75.53192	0.959712	100	1.5
1780.946	1136.446	321.3243	20.17301	0.332375	1.666149	491.0746	1392.794	0.282985	0.4858	319.0778	81.9127	1.040597	100	1.8
1781.098	1136.598	321.3289	20.26312	0.329995	1.642915	490.0727	1401.948	0.280707	0.476907	334.4932	88.71678	1.122196	100	2.1
1781.251	1136.751	321.3336	20.17828	0.344869	1.457024	488.1646	1405.37	0.295148	0.50417	276.9421	68.0068	0.863741	100	1.1
1781.403	1136.903	321.3382	20.09965	0.338697	1.533639	486.8796	1400.973	0.289187	0.485783	310.5417	78.65245	1.002744	100	1.6
1781.555	1137.055	321.3428	20.12699	0.35053	1.391435	486.9544	1408.042	0.300698	0.509976	261.2697	63.83169	0.812732	100	0.9
1781.708	1137.208	321.3474	20.14721	0.347918	1.384656	488.1056	1417.821	0.298186	0.504536	272.2439	66.71437	0.84862	100	1
1781.86	1137.36	321.352	20.21802	0.342089	1.408832	489.4834	1435.208	0.292554	0.495643	292.2883	72.52073	0.919361	100	1.3
1782.013	1137.513	321.3566	20.25471	0.333499	1.492397	489.6718	1451.243	0.284254	0.482052	322.4988	83.30958	1.054294	100	1.8
1782.165	1137.665	321.3612	20.18039	0.331637	1.587285	487.8769	1454.872	0.282476	0.480352	327.2975	85.37022	1.084234	100	1.9
1782.317	1137.817	321.3659	20.23423	0.331959	1.616111	483.3627	1442.034	0.282814	0.482392	324.0156	83.94753	1.063432	100	1.9
1782.47	1137.97	321.3705	20.22317	0.334543	1.62356	480.2645	1406.054	0.285343	0.488844	311.6232	79.04938	1.001924	100	1.7
1782.622	1138.122	321.3751	20.27736	0.321985	1.802754	478.4129	1364.549	0.273219	0.462209	365.1087	108.3791	1.370132	100	3
1782.775	1138.275	321.3797	20.39455	0.323261	1.875496	477.5246	1337.011	0.274478	0.464537	360.1599	104.3747	1.312191	100	2.8
1782.927	1138.427	321.3843	20.40191	0.316309	1.932092	479.0157	1342.514	0.26779	0.447876	392.3801	141.1927	1.774465	100	4.4
1783.079	1138.579	321.3889	20.34169	0.321379	1.841444	482.1497	1376.683	0.272711	0.459795	369.1421	111.9771	1.411335	100	3.1
1783.232	1138.732	321.3936	20.35471	0.325369	1.701962	487.5098	1398.657	0.276593	0.469699	350.1173	97.38383	1.226659	100	2.5
1783.384	1138.884	321.3982	20.39814	0.31093	1.806695	493.2347	1380.502	0.262679	0.443736	405.148	166.9676	2.09884	100	5.5
1783.537	1139.037	321.4028	20.38646	0.293095	1.814082	498.4423	1328.159	0.245547	0.411443	473.3538	358.1862	4.505067	100	14.1
1783.689	1139.189	321.4074	20.53117	0.282523	1.778247	502.2931	1271.644	0.235435	0.389604	517.4474	453.4079	5.663934	100	18.8
1783.841	1139.341	321.412	20.6007	0.306857	1.325108	504.3161	1241.707	0.258832	0.447363	405.451	167.7024	2.08812	100	5.4
1783.994	1139.494	321.4167	20.65352	0.334818	0.947953	503.4956	1227.406	0.285867	0.506848	286.0533	70.62793	0.877252	100	1
1784.146	1139.646	321.4213	20.70567	0.335116	0.877965	499.3622	1203.62	0.286181	0.507545	284.657	70.21564	0.870021	100	1
1784.299	1139.799	321.4259	20.64726	0.330659	0.912598	493.4829	1194.219	0.281891	0.494625	308.4081	77.8819	0.967656	100	1.3
1784.451	1139.951	321.4305	20.69558	0.326405	0.967189	486.8983	1194.406	0.277801	0.479787	334.529	88.73426	1.100021	100	1.8
1784.603	1140.103	321.4351	20.74907	0.336849	0.852399	480.2842	1206.687	0.287938	0.497267	296.4171	73.82471	0.912924	100	1.1
1784.756	1140.256	321.4398	20.83834	0.332714	0.873637	473.9646	1216.047	0.283958	0.484251	319.8717	82.23188	1.012699	100	1.4
1784.908	1140.408	321.4444	20.83348	0.311913	1.024589	468.344	1213.526	0.263885	0.435463	414.9	194.302	2.393426	100	6.1
1785.061	1140.561	321.449	20.92402	0.31634	1.023559	464.7771	1211.213	0.268181	0.4446	396.3625	148.2532	1.818599	100	4.2

1785.213	1140.713	321.4536	21.03317	0.318441	1.035538	463.2658	1209.316	0.270235	0.451819	383.5663	128.0391	1.562803	100	3.4
1785.365	1140.865	321.4582	21.14604	0.317009	1.074401	463.9274	1206.794	0.268878	0.452708	384.2108	128.9004	1.565251	100	3.4
1785.518	1141.018	321.4628	21.23986	0.318548	1.110352	464.7632	1200.416	0.27039	0.462037	369.2514	112.0792	1.355222	100	2.7
1785.67	1141.17	321.4675	21.34139	0.316808	1.147025	465.0645	1188.304	0.268736	0.464844	367.6602	110.6173	1.331444	100	2.7
1785.823	1141.323	321.4721	21.43914	0.321148	1.109411	465.8759	1181.509	0.272952	0.474077	349.1	96.74707	1.159408	100	2.1
1785.975	1141.475	321.4767	21.43666	0.302672	1.251382	466.0639	1183.155	0.255165	0.429509	435.1507	258.01	3.092346	100	8.8
1786.127	1141.627	321.4813	21.37085	0.321145	1.064947	466.4221	1194.496	0.273001	0.469047	355.9747	101.2942	1.217651	100	2.3
1786.28	1141.78	321.4859	21.44588	0.317397	1.066904	469.2729	1195.935	0.269408	0.460058	373.3377	116.0872	1.390804	100	2.9
1786.432	1141.932	321.4905	21.45587	0.317125	1.064159	475.8065	1198.832	0.269171	0.457687	376.9365	119.9527	1.436488	100	3
1786.585	1142.085	321.4952	21.43606	0.331261	0.928325	486.7029	1188.598	0.28286	0.486196	318.7026	81.76287	0.980027	100	1.4
1786.737	1142.237	321.4998	21.45556	0.322909	1.003633	501.9049	1178.361	0.274809	0.464548	359.6876	104.0139	1.245658	100	2.3
1786.889	1142.389	321.5044	21.46531	0.307705	1.137994	516.3709	1164.374	0.260165	0.424967	434.5178	256.1848	3.066734	100	8.5
1787.042	1142.542	321.509	21.47782	0.303142	1.156357	523.6982	1159.14	0.255797	0.408115	463.8016	334.8659	4.006411	100	11.7
1787.194	1142.694	321.5136	21.48775	0.299121	1.197921	518.9011	1163.079	0.251955	0.391166	492.4926	401.8654	4.805926	100	14.6
1787.347	1142.847	321.5183	21.51467	0.306984	1.060772	505.3785	1172.857	0.259548	0.406729	460.5384	326.6504	3.901777	100	11.2
1787.499	1142.999	321.5229	21.52724	0.344595	0.859045	493.4419	1192.014	0.29594	0.491819	292.8918	72.70868	0.868014	100	0.9
1787.651	1143.151	321.5275	21.52155	0.372405	0.691254	488.4348	1201.271	0.323029	0.552551	171.6997	45.14309	0.539072	85	0
1787.804	1143.304	321.5321	21.50739	0.384925	0.662769	489.1509	1218.552	0.335283	0.581828	114.3874	36.28685	0.433594	65.4	0
1787.956	1143.456	321.5367	21.50877	0.366883	0.712146	493.3242	1235.938	0.317696	0.547617	185.8689	47.65349	0.569386	91.7	0
1788.109	1143.609	321.5414	21.42677	0.359689	0.736823	495.1267	1253.012	0.310714	0.533737	214.6569	53.21421	0.638171	100	0.1
1788.261	1143.761	321.546	21.42758	0.359976	0.763978	495.5734	1264.143	0.31102	0.533092	215.1257	53.31031	0.639307	100	0.1
1788.413	1143.913	321.5506	21.49797	0.361427	0.803843	494.852	1272.566	0.312458	0.533598	212.443	52.76289	0.63076	100	0.1
1788.566	1144.066	321.5552	21.50866	0.34468	0.884025	494.1304	1284.531	0.296203	0.494976	288.1735	71.26186	0.851511	100	0.9
1788.718	1144.218	321.5598	21.50025	0.336083	0.897644	493.4087	1295.975	0.287891	0.472178	331.1052	87.09951	1.041158	100	1.5
1788.871	1144.371	321.5644	21.56343	0.355043	0.804523	492.6873	1306.273	0.306322	0.510852	252.2993	61.60045	0.734288	100	0.4
1789.023	1144.523	321.569	21.49229	0.370102	0.733389	491.9657	1301.666	0.321014	0.540032	191.7565	48.73871	0.582826	93.7	0
1789.175	1144.675	321.5737	21.43478	0.356952	0.819454	490.5343	1281.424	0.308232	0.513494	246.0189	60.09777	0.720518	100	0.4
1789.328	1144.828	321.5783	21.42503	0.33624	0.946986	488.5467	1247.63	0.288146	0.472186	330.7412	86.93028	1.042682	100	1.5
1789.48	1144.98	321.5829	21.4285	0.323663	1.062688	485.9647	1222.173	0.276	0.444113	386.2431	131.7132	1.579601	100	3.4
1789.633	1145.133	321.5875	21.42988	0.322536	0.973428	486.6667	1209.747	0.274937	0.439824	393.6293	143.3239	1.718757	100	3.8
1789.785	1145.285	321.5921	21.43125	0.336952	0.839339	489.9028	1219.105	0.288913	0.472936	328.6474	85.97319	1.030948	100	1.4
1789.937	1145.437	321.5967	21.43262	0.349447	0.762212	493.6469	1233.676	0.301064	0.50087	273.3314	67.0102	0.803513	100	0.6
1790.09	1145.59	321.6014	21.45881	0.346097	0.885358	494.298	1242.827	0.297835	0.499554	279.6033	68.75602	0.823489	100	0.8
1790.242	1145.742	321.606	21.43551	0.319196	1.129313	492.8609	1236.342	0.271814	0.450382	383.3699	127.7795	1.532026	100	3.3
1790.395	1145.895	321.6106	21.4255	0.309302	1.273765	491.8026	1224.438	0.262296	0.437558	414.202	192.066	2.303854	100	6
1790.547	1146.047	321.6152	21.39243	0.280182	1.624785	491.4806	1222.33	0.234352	0.376207	537.4286	490.8628	5.896762	100	19.8
1790.699	1146.199	321.6198	21.36861	0.314246	1.273588	492.0653	1229.814	0.267113	0.46264	372.9399	115.68	1.391173	100	3
1790.852	1146.352	321.6245	21.36547	0.30037	1.404434	492.1967	1249.595	0.253774	0.435718	428.5006	238.5334	2.869051	100	8.2
1791.004	1146.504	321.6291	21.38228	0.316801	1.234783	491.7616	1257.494	0.26963	0.471611	357.0869	102.0877	1.226984	100	2.4
1791.157	1146.657	321.6337	21.43054	0.310637	1.269159	492.403	1247.155	0.263711	0.455718	387.1878	133.0729	1.59595	100	3.7
1791.309	1146.809	321.6383	21.46065	0.31576	1.160252	494.4607	1213.986	0.268677	0.46543	366.9326	109.9662	1.317067	100	2.7
1791.461	1146.961	321.6429	21.45623	0.313318	1.168831	495.782	1168.101	0.266347	0.459607	378.1839	121.3734	1.453995	100	3.2
1791.614	1147.114	321.6476	21.43546	0.312483	1.124713	494.5538	1151.502	0.265568	0.457139	382.6646	126.8579	1.521127	100	3.4
1791.766	1147.266	321.6522	21.40972	0.325489	1.022307	489.8694	1167.009	0.278151	0.484306	327.8096	85.59771	1.027581	100	1.6
1791.919	1147.419	321.6568	21.52302	0.337281	0.897519	483.9385	1195.964	0.289592	0.507156	280.4869	69.00767	0.824242	100	0.8
1792.071	1147.571	321.6614	21.4662	0.324701	0.948401	478.914	1210.43	0.277441	0.478316	337.0551	89.99369	1.077647	100	1.7
1792.223	1147.723	321.666	21.45244	0.306077	1.123325	475.646	1212.493	0.259498	0.439694	415.1156	195.0023	2.336556	100	6.1
1792.376	1147.876	321.6706	21.44163	0.300887	1.182432	474.8141	1208.092	0.254528	0.434829	428.6871	239.0885	2.866224	100	8.1
1792.528	1148.028	321.6752	21.42052	0.307517	1.139908	476.3051	1205.984	0.260936	0.453364	394.266	144.4389	1.733209	100	4.1
1792.681	1148.181	321.6799	21.42768	0.315647	1.10228	479.2694	1214.195	0.2688	0.472379	357.1735	102.1503	1.225383	100	2.4
1792.833	1148.333	321.6845	21.43166	0.33221	1.04351	482.8003	1222.615	0.284834	0.503381	292.2627	72.5128	0.869709	100	1.1
1792.985	1148.485	321.6891	21.44007	0.35172	0.980038	485.8779	1240.208	0.303786	0.535918	221.2077	54.57457	0.654321	100	0.3
1793.138	1148.638	321.6937	21.47938	0.350003	0.983462	488.5023	1259.155	0.302144	0.527505	235.0851	57.58714	0.689234	100	0.4
1793.29	1148.79	321.6983	21.41759	0.34648	0.995389	489.3136	1288.734	0.298747	0.516886	254.4263	62.12015	0.745555	100	0.6
1793.443	1148.943	321.703	21.41871	0.352191	0.967146	488.4254	1309.351	0.304321	0.52516	235.3166	57.639	0.691746	100	0.4
1793.595	1149.095	321.7076	21.34863	0.360886	0.920955	485.9506	1317.353	0.312805	0.539475	203.8526	51.05045	0.614614	100	0.1
1793.747	1149.247	321.7122	21.3172	0.382277	0.776362	481.9462	1312.224	0.333697	0.578917	120.5923	37.15426	0.447951	70.2	0
1793.9	1149.4	321.7168	21.40498	0.365014	0.84582	476.1285	1300.213	0.316877	0.540487	196.8381	49.69613	0.596808	100	0
1794.052	1149.552	321.7214	21.3749	0.346612	0.900971	469.291	1292.058	0.299004	0.502728	273.6108	67.08654	0.80675	100	0.7
1794.205	1149.705	321.7261	21.3386	0.325581	1.034271	463.6434	1295.266	0.278651	0.462283	357.5101	102.3944	1.23337	100	2.2
1794.357	1149.857	321.7307	21.28899	0.310721	1.181644	461.7916	1288.989	0.264331	0.43843	410.1905	180.0985	2.174224	100	5.5
1794.509	1150.009	321.7353	21.35807	0.30159	1.31103	465.0956	1264.784	0.255564	0.431168	432.3101	249.7714	3.006	100	8.6
1794.662	1150.162	321.7399	21.36854	0.325293	1.15346	471.1758	1238.388	0.27845	0.487392	323.1378	83.57687	1.005385	100	1.6
1794.814	1150.314	321.7445	21.37227	0.325283	1.131333	476.3498	1247.43	0.278466	0.484541	327.0503	85.26098	1.025483	100	1.7
1794.967	1150.467	321.7492	21.32106	0.32768	1.079952	480.2209	1267.941	0.280809	0.487636	319.5451	82.1002	0.989757	100	1.5
1795.119	1150.619	321.7538	21.34245	0.328404	1.061943	478.3129	1286.992	0.281536	0.488046	317.9777	81.4752	0.981286	100	1.5
1795.271	1150.771	321.7584	21.41603	0.309178	1.252601	476.5745	1286.761	0.262998	0.448657	397.9173	151.231	1.81543	100	4.4
1795.424	1150.924	321.763	21.46531	0.299848	1.316877	473.2499	1273.395	0.254043	0.433722	430.8844	245.5913	2.941694	100	8.4
1795.576	1151.076	321.7676	21.4798	0.295741	1.391533	471.3982	1257.11	0.250121	0.428953	442.8783	279.8312	3.349684	100	9.9
1795.729	1151.229	321.7722	21.46434	0.311452	1.244497	472.1528	1251.458	0.265267	0.465997	370.8557	113.6075	1.36088	100	2.9
1795.881	1151.381	321.7768	21.46576	0.313874	1.216121	473.1906	1256.644	0.267627	0.47101	360.6803	104.7764	1.255028	100	2.5
1796.033	1151.533	321.7814	21.46717	0.333803	1.038792	471.9624	1272.463	0.286916	0.509493	280.9559	69.14182	0.828148	100	0.9
1796.186	1151.686	321.7861	21.34881	0.344693	0.953146	468.6945	1287.136	0.2975	0.527836	241.0359	58.93762	0.709694	100	0.5
1796.338	1151.838	321.7907	21.40333	0.318319	1.18125	463.6701	1290.239	0.271994	0.468212	358.5167	103.1341	1.238858	100	2.4
1796.491	1151.991	321.7953	21.40589	0.306881	1.320008	460.3453	1284.795	0.260991	0.438892	414.162	191.9392	2.305353	100	6.1
1796.643	1152.143	321.7999	21.37533	0.318895	1.242223	458.1536	1287.689	0.272601	0.463853	363.6939	107.1909	1.289237	100	2.6
1796.795	1152.295	321.8045	21.40616	0.344263	1.046556	457.0385	1301.11	0.297185	0.517296	256.0166	62.51243	0.750835	100	0.6
1796.948	1152.448	321.8092	21.45704	0.325742	1.17846	457.6797	1314.01	0.279269	0.479633	332.7158	87.8586	1.052874	100	1.8
1797.1	1152.6	321.8138	21.52769	0.317982	1.230365	458.321	1313.986	0.271797	0.464794	363.5044	107.0345	1.278644	100	2.6
1797.253	1152.753	321.8184	21.42409	0.326515	1.184664	459.4723	1301.038	0.280067	0.485535	323.4688	83.71619	1.004736	100	1.6

1797.405	1152.905	321.823	21.47489	0.324619	1.173985	460.3969	1289.65	0.27826	0.481342	331.7502	87.40145	1.046593	100	1.7
1797.557	1153.057	321.8276	21.56682	0.324049	1.201748	461.6615	1291.711	0.277734	0.477052	338.3949	90.68143	1.081436	100	1.9
1797.71	1153.21	321.8323	21.55166	0.307743	1.356001	462.1895	1302.734	0.262026	0.437854	414.1656	191.9506	2.290708	100	6
1797.862	1153.362	321.8369	21.63491	0.303417	1.454591	463.5105	1295.621	0.257886	0.42503	437.577	264.9535	3.150269	100	9
1798.015	1153.515	321.8415	21.6852	0.308047	1.439023	465.9083	1267.559	0.26237	0.436468	415.604	196.6061	2.33245	100	6.2
1798.167	1153.667	321.8461	21.63475	0.287831	1.603247	471.422	1249.187	0.242964	0.392571	502.961	424.1834	5.043639	100	16.3
1798.319	1153.819	321.8507	21.66781	0.23412	2.465271	476.4828	1246.139	0.191823	0.294107	709.4166	725.5354	8.614247	100	35.9
1798.472	1153.972	321.8554	21.64594	0.18371	3.780572	477.9741	1245.697	0.144539	0.266321	813.0136	829.4891	9.858137	100	53.2
1798.624	1154.124	321.86	21.66437	0.178929	3.916748	478.1056	1231.912	0.140119	0.306626	763.4916	781.4552	9.279792	100	51.4
1798.777	1154.277	321.8646	21.71266	0.255435	1.697719	477.3305	1230.74	0.212121	0.450696	465.3125	338.6263	4.012656	100	14.5
1798.929	1154.429	321.8692	21.74048	0.302303	0.99	478.425	1254.062	0.256993	0.515168	314.4173	80.09563	0.947963	100	1.6
1799.081	1154.581	321.8738	21.78568	0.32279	1.009814	477.7633	1302.818	0.276774	0.510591	293.4359	72.87891	0.860844	100	1.1
1799.234	1154.734	321.8784	21.71139	0.31873	1.14537	474.4954	1335.941	0.272877	0.470818	353.7005	99.72409	1.181815	100	2.2
1799.386	1154.886	321.883	21.69913	0.320707	1.221349	467.0914	1351.446	0.274812	0.472379	348.8766	96.60878	1.145529	100	2.1
1799.539	1155.039	321.8877	21.70649	0.322287	1.310856	463.7665	1353.924	0.276364	0.473364	345.3754	94.51151	1.120308	100	2.1
1799.691	1155.191	321.8923	21.68849	0.334158	1.307505	463.3878	1353.899	0.287874	0.496598	297.4286	74.15084	0.879669	100	1.2
1799.843	1155.343	321.8969	21.68992	0.330898	1.344674	466.8618	1353.664	0.284743	0.487514	314.2855	80.04558	0.949549	100	1.5
1799.996	1155.496	321.9015	21.71244	0.34243	1.1643	470.7326	1356.766	0.295944	0.509501	268.4859	65.70672	0.778686	100	0.8
1800.148	1155.648	321.9061	21.71386	0.34668	1.152457	473.3938	1367.475	0.300095	0.517199	252.1343	61.56036	0.72951	100	0.6
1800.301	1155.801	321.9108	21.77042	0.363634	1.0423	473.3751	1386.212	0.316609	0.551942	181.4002	46.84657	0.553769	99.4	0
1800.453	1155.953	321.9154	21.75082	0.34774	1.168935	470.9991	1408.075	0.301175	0.520129	246.6008	60.23504	0.712656	100	0.6
1800.605	1156.105	321.92	21.67675	0.338268	1.163683	470.2034	1408.988	0.29201	0.501358	285.1517	70.36126	0.835199	100	1
1800.758	1156.258	321.9246	21.60263	0.326586	1.207083	470.4528	1403.855	0.280725	0.479039	331.5262	87.29629	1.039643	100	1.7
1800.91	1156.41	321.9292	21.60405	0.323459	1.235847	471.6312	1389.445	0.277727	0.477531	337.7438	90.34546	1.075901	100	1.9
1801.063	1156.563	321.9339	21.61943	0.324947	1.230705	472.81	1381.914	0.279191	0.481393	330.3942	86.7698	1.032625	100	1.7
1801.215	1156.715	321.9385	21.62081	0.329814	1.184715	474.0879	1373.861	0.283924	0.485926	317.6066	81.32886	0.967824	100	1.5
1801.367	1156.867	321.9431	21.53173	0.329009	1.154886	475.1376	1366.539	0.283171	0.4825	323.3735	83.676	0.999721	100	1.6
1801.52	1157.02	321.9477	21.49665	0.314926	1.296944	476.1686	1369.534	0.269589	0.456729	377.6814	120.7959	1.445489	100	3.2
1801.672	1157.172	321.9523	21.31523	0.311503	1.326695	476.4518	1388.061	0.266314	0.454837	384.8118	129.7167	1.564952	100	3.6
1801.825	1157.325	321.9569	21.30826	0.318564	1.294255	477.9609	1412.426	0.273152	0.476153	345.9585	94.85204	1.144704	100	2.2
1801.977	1157.477	321.9616	21.26669	0.32165	1.327079	480.033	1433.039	0.276158	0.484906	329.7315	86.46537	1.045464	100	1.8
1802.129	1157.629	321.9662	21.15459	0.332741	1.274137	482.7139	1420.923	0.286911	0.504976	287.1962	70.96845	0.862474	100	1.1
1802.282	1157.782	321.9708	21.07546	0.337002	1.249813	484.1484	1388.063	0.291064	0.511715	272.1653	66.69305	0.813455	100	1
1802.434	1157.934	321.9754	20.95714	0.324675	1.320418	485.5262	1328.832	0.279158	0.485656	324.5576	84.17845	1.032321	100	1.8
1802.587	1158.087	321.98	20.98764	0.307133	1.494339	491.04	1278.668	0.262257	0.449911	397.2095	149.8592	1.835241	100	4.6
1802.739	1158.239	321.9846	20.99301	0.295034	1.602178	502.276	1231.839	0.250644	0.429605	441.2554	275.3188	3.37088	100	10.1
1802.891	1158.391	321.9892	20.92693	0.273879	1.717798	512.7758	1200.75	0.230399	0.379187	538.7709	493.2698	6.057824	100	20.9
1803.044	1158.544	321.9939	20.94019	0.250759	2.000106	516.5904	1201.659	0.20839	0.293094	687.9524	701.8618	8.614364	100	33.3
1803.196	1158.696	321.9985	20.9032	0.244114	1.73661	509.64	1229.252	0.202108	0.24795	758.92	776.8933	9.551645	100	38
1803.349	1158.849	322.0031	20.8916	0.253703	1.455104	496.0039	1271.024	0.21124	0.290652	687.3879	701.2253	8.626044	100	32.8
1803.501	1159.001	322.0077	20.87817	0.282459	0.986025	481.8576	1278.815	0.238711	0.38706	516.4368	451.4284	5.556702	100	18.2
1803.653	1159.153	322.0123	20.80177	0.303627	0.838688	469.3542	1254.192	0.259059	0.454121	395.811	147.2281	1.818695	100	4.4
1803.806	1159.306	322.017	20.75455	0.321264	0.890618	462.1763	1223.832	0.276091	0.502194	305.9668	77.0197	0.953517	100	1.4
1803.958	1159.458	322.0216	20.75916	0.302356	1.284635	460.8344	1212.65	0.257888	0.471148	373.9309	116.7015	1.444491	100	3.3
1804.111	1159.611	322.0262	20.68315	0.294006	1.555384	465.498	1241.078	0.249887	0.457364	403.9943	164.2296	2.040012	100	5.6
1804.263	1159.763	322.0308	20.60974	0.28552	1.650999	473.618	1289.831	0.241771	0.435429	445.4651	286.9482	3.576692	100	11.2
1804.415	1159.915	322.0354	20.55963	0.299982	1.532167	482.3047	1349.531	0.255681	0.459046	393.6759	143.4049	1.791713	100	4.6
1804.568	1160.068	322.0401	20.54649	0.32635	1.38463	489.1784	1394.95	0.281135	0.501845	299.4887	74.82358	0.935441	100	1.5
1804.72	1160.22	322.0447	20.59392	0.320065	1.636021	493.8425	1415.563	0.275087	0.479142	339.1645	91.08295	1.136192	100	2.2
1804.873	1160.373	322.0493	20.70222	0.340116	1.498824	497.6567	1410.43	0.294517	0.51446	263.6115	64.4319	0.799687	100	1
1805.025	1160.525	322.0539	20.68987	0.336941	1.673636	499.2613	1396.435	0.291465	0.502978	283.6689	69.9263	0.868389	100	1.3
1805.177	1160.677	322.0585	20.56155	0.353536	1.464802	499.4494	1390.57	0.307599	0.535227	216.9008	53.67594	0.670609	100	0.5
1805.33	1160.83	322.0631	20.51458	0.356437	1.387828	498.5609	1395.128	0.310446	0.540144	206.1859	51.5096	0.644975	100	0.4
1805.482	1160.982	322.0678	20.37025	0.346066	1.418836	498.5789	1418.969	0.300392	0.520126	247.6846	60.4918	0.762645	100	0.8
1805.635	1161.135	322.0724	20.33971	0.340995	1.315082	500.2401	1456.675	0.295497	0.508932	269.888	66.08005	0.834319	100	1
1805.787	1161.287	322.077	20.34104	0.336585	1.374592	501.9577	1509.18	0.291247	0.494956	295.039	73.38471	0.926498	100	1.3
1805.939	1161.439	322.0816	20.34238	0.347526	1.28061	503.959	1551.995	0.301886	0.511478	257.5578	62.89569	0.79403	100	0.8
1806.092	1161.592	322.0862	20.34371	0.356624	1.261196	503.5237	1583.967	0.310755	0.519751	233.9014	57.32289	0.723638	100	0.6
1806.244	1161.744	322.0908	20.34504	0.374911	1.10148	502.1254	1604.056	0.328601	0.549411	168.3443	44.56875	0.562602	98	0
1806.397	1161.897	322.0955	20.3289	0.374191	1.102587	501.1236	1618.518	0.327923	0.543299	177.7135	46.1915	0.583541	100	0
1806.549	1162.049	322.1001	20.33023	0.382489	1.094359	500.4617	1616.406	0.336053	0.557902	146.3425	40.98274	0.517711	88.1	0
1806.701	1162.201	322.1047	20.41949	0.378696	1.117384	499.9133	1594.698	0.332373	0.550832	161.1779	43.36699	0.545518	94.5	0
1806.854	1162.354	322.1093	20.56905	0.371412	1.24204	499.0814	1591.656	0.325289	0.538486	187.9905	48.04162	0.600077	100	0.1
1807.006	1162.506	322.1139	20.59082	0.369879	1.24228	498.9861	1594.482	0.323819	0.543212	183.498	47.22361	0.589263	100	0.1
1807.159	1162.659	322.1186	20.61939	0.385297	1.172581	498.2677	1574.264	0.3389	0.580735	110.903	35.80871	0.446233	77.2	0
1807.311	1162.811	322.1232	20.74458	0.397764	1.083581	492.0536	1469.59	0.35113	0.607997	56.40515	29.10124	0.360537	58.8	0
1807.463	1162.963	322.1278	20.81455	0.366347	1.343597	478.0777	1307.241	0.320452	0.549715	179.169	46.44898	0.573598	100	0.1
1807.616	1163.116	322.1324	20.80328	0.321471	1.933798	458.6056	1160.957	0.276929	0.463717	357.9085	102.6854	1.268738	100	2.7
1807.768	1163.268	322.137	20.91356	0.286802	2.325995	447.9716	1076.53	0.243586	0.393064	501.4237	420.9713	5.174934	100	17
1807.921	1163.421	322.1417	20.84445	0.263457	2.397453	450.4819	1047.5	0.221292	0.344084	599.7807	590.641	7.283962	100	26.7
1808.073	1163.573	322.1463	20.78095	0.274971	1.771183	464.3805	1082.158	0.23231	0.378923	536.4993	489.1887	6.05068	100	20.8
1808.225	1163.725	322.1509	20.72462	0.326408	0.935173	480.206	1168.209	0.281803	0.481659	326.4216	84.98466	1.053929	100	1.6
1808.378	1163.878	322.1555	20.68403	0.369357	0.879342	492.4055	1286.779	0.323539	0.55927	161.7241	43.45741	0.53996	89.9	0
1808.53	1164.03	322.1601	20.61016	0.397844	0.867559	500.7525	1393.175	0.351412	0.609069	54.5365	28.89504	0.36027	55.2	0
1808.683	1164.183	322.1647	20.53214	0.370074	1.112877	506.5498	1498.529	0.324289	0.548869	175.0431	45.7229	0.572184	100	0
1808.835	1164.335	322.1694	20.66764	0.354945	1.339463	509.1743	1551.558	0.30958	0.517535	238.5812	58.37604	0.725905	100	0.6
1808.987	1164.487	322.174	20.70312	0.336643	1.712072	508.0595	1559.35	0.291839	0.478241	317.2896	81.20433	1.008114	100	1.7
1809.14	1164.64	322.1786	20.75012	0.361267	1.530032	503.4317	1532.013	0.315784	0.533027	208.6411	51.9975	0.644119	100	0.4
1809.292	1164.792	322.1832	20.82923	0.351165	1.825104	498.0672	1485.808	0.305982	0.513681	248.8648	60.77292	0.750073	100	0.9
1809.445	1164.945	322.1878	20.9103	0.344589	1.992541	493.0428	1436.163	0.299621	0.503829	271.239	66.44272	0.816991	100	1.2

1809.597	1165.097	322.1924	20.92697	0.317044	2.279812	490.5676	1402.256	0.272985	0.449671	382.7353	126.9494	1.55981	100	3.8
1809.749	1165.249	322.197	20.93816	0.309914	1.894698	490.6423	1391.282	0.266134	0.447779	394.8006	145.3904	1.78549	100	4.5
1809.902	1165.402	322.2017	20.95468	0.309702	1.769164	492.6432	1416.892	0.265955	0.456148	383.4981	127.9488	1.570119	100	3.8
1810.054	1165.554	322.2063	21.03845	0.344096	1.354405	495.834	1471.689	0.299244	0.523593	244.4851	59.73771	0.730262	100	0.7
1810.207	1165.707	322.2109	21.04826	0.356166	1.279174	498.9683	1528.99	0.310997	0.542512	202.1583	50.71977	0.619751	100	0.3
1810.359	1165.859	322.2155	21.16893	0.344026	1.413649	501.5359	1561.587	0.299228	0.508972	264.6846	64.70955	0.786359	100	0.9
1810.511	1166.011	322.2201	21.37313	0.349852	1.346558	503.877	1560.205	0.30491	0.514273	249.5273	60.93146	0.733645	100	0.7
1810.664	1166.164	322.2248	21.34326	0.355909	1.407131	506.1612	1546.625	0.310823	0.526478	224.5241	55.27794	0.666477	100	0.5
1810.816	1166.316	322.2294	21.51341	0.363992	1.374088	507.3124	1547.011	0.318717	0.541561	192.8172	48.93695	0.585544	100	0.2
1810.969	1166.469	322.234	21.573	0.358507	1.479892	507.7272	1563.867	0.313402	0.524708	223.4082	55.04016	0.656829	100	0.5
1811.121	1166.621	322.2386	21.61642	0.370768	1.453905	506.8954	1577.597	0.325373	0.547271	175.7518	45.84679	0.546069	100	0.1
1811.273	1166.773	322.2432	21.65476	0.370205	1.549574	505.3271	1570.69	0.324849	0.550366	172.2033	45.22994	0.537812	100	0.1
1811.426	1166.926	322.2479	21.69273	0.389663	1.302467	503.4959	1553.356	0.343884	0.592685	87.53588	32.76137	0.388902	69.9	0
1811.578	1167.078	322.2525	21.72054	0.384344	1.271749	501.6749	1521.118	0.338707	0.582161	109.2023	35.57763	0.421819	76.3	0
1811.731	1167.231	322.2571	21.7359	0.400117	1.119566	500.271	1500.45	0.354174	0.612492	46.00092	27.97161	0.331418	55	0
1811.883	1167.383	322.2617	21.76133	0.379768	1.269502	499.2944	1477.227	0.334285	0.568595	134.0248	39.10414	0.462806	84.8	0
1812.035	1167.535	322.2663	21.82168	0.377015	1.31333	498.5602	1445.563	0.331622	0.563059	145.3404	40.82655	0.481914	90.2	0
1812.188	1167.688	322.2709	21.85782	0.356102	1.506648	497.9083	1409.467	0.311265	0.534219	213.2321	52.92327	0.62372	100	0.4
1812.34	1167.84	322.2756	21.89081	0.348185	1.499684	497.2563	1378.687	0.303596	0.535108	222.5888	54.86627	0.645691	100	0.5
1812.493	1167.993	322.2802	21.75202	0.320272	1.646059	496.6045	1359.947	0.276585	0.507514	297.9428	74.31767	0.879965	100	1.5
1812.645	1168.145	322.2848	21.73335	0.306606	1.703847	495.9525	1356.11	0.26343	0.501403	324.5317	84.16736	0.997423	100	2
1812.797	1168.297	322.2894	21.69332	0.314608	1.561793	495.3008	1351.911	0.271168	0.513512	297.1409	74.0578	0.879184	100	1.5
1812.95	1168.45	322.294	21.71218	0.326821	1.452526	494.6487	1356.883	0.282991	0.529266	259.0859	63.27877	0.750601	100	0.9
1813.102	1168.602	322.2986	21.64426	0.346691	1.250611	493.9968	1369.152	0.302271	0.541663	215.3701	53.36049	0.634866	100	0.4
1813.255	1168.755	322.3033	21.75741	0.356726	1.14245	493.345	1386.321	0.312051	0.53699	208.3234	51.93409	0.614817	100	0.2
1813.407	1168.907	322.3079	21.80956	0.353887	1.167622	492.693	1405.052	0.309314	0.521288	233.7687	57.29334	0.676713	100	0.4
1813.559	1169.059	322.3125	21.81311	0.362073	1.096195	492.0412	1432.853	0.317305	0.529945	210.7943	52.42949	0.619174	100	0.2
1813.712	1169.212	322.3171	21.87827	0.369389	1.046468	491.3892	1466.802	0.32446	0.543685	181.9589	46.94669	0.552846	98.1	0
1813.864	1169.364	322.3217	22.00444	0.383793	0.964416	490.7373	1499.189	0.338549	0.572002	123.4396	37.55925	0.439873	73.3	0
1814.017	1169.517	322.3264	22.01944	0.382843	0.961744	490.0855	1520.111	0.337645	0.570014	127.4299	38.13428	0.44632	74.5	0
1814.169	1169.669	322.331	21.9875	0.363322	1.113912	489.4336	1524.771	0.318623	0.529474	209.6256	52.19454	0.611737	100	0.2
1814.321	1169.821	322.3356	22.04042	0.34328	1.312378	488.7817	1511.295	0.299164	0.486248	296.1308	73.73288	0.862195	100	1.1
1814.474	1169.974	322.3402	22.0819	0.359105	1.218081	488.1298	1511.055	0.314569	0.521566	226.1341	55.62307	0.649264	100	0.4
1814.626	1170.126	322.3448	22.03372	0.356068	1.33288	487.4779	1540.52	0.311639	0.515263	238.8763	58.44323	0.683619	100	0.5
1814.779	1170.279	322.3495	21.9844	0.378395	1.198387	486.826	1585.623	0.333426	0.562376	143.793	40.58657	0.475772	86	0
1814.931	1170.431	322.3541	21.99366	0.363994	1.330105	486.174	1620.095	0.319405	0.532002	205.0594	51.28738	0.600975	100	0.2
1815.083	1170.583	322.3587	21.97176	0.35779	1.405402	485.5222	1630.802	0.31339	0.518506	231.9842	56.89784	0.667362	100	0.5
1815.236	1170.736	322.3633	22.04134	0.347631	1.549294	484.8703	1623.266	0.30354	0.496858	275.4517	67.59272	0.790413	100	1
1815.388	1170.888	322.3679	22.03398	0.362839	1.436631	484.2183	1602.701	0.318355	0.530161	209.047	52.07863	0.609196	100	0.3
1815.541	1171.041	322.3725	21.95793	0.375661	1.343101	483.5666	1576.09	0.330884	0.556464	155.4599	42.43179	0.498004	94.6	0
1815.693	1171.193	322.3771	21.92493	0.384131	1.291025	482.9146	1545.101	0.339184	0.573465	120.5447	37.14752	0.436618	79.7	0
1815.845	1171.345	322.3818	21.86114	0.391032	1.207882	482.2628	1513.174	0.34596	0.587301	92.09996	33.33542	0.392913	68.6	0
1815.998	1171.498	322.3864	21.89369	0.383846	1.279326	481.6952	1501.155	0.338956	0.57227	122.5084	37.42631	0.440506	80.2	0
1816.15	1171.65	322.391	21.86057	0.365501	1.471789	481.9833	1516.444	0.321076	0.530963	204.1865	51.11587	0.602512	100	0.3
1816.303	1171.803	322.3956	21.82713	0.380116	1.356358	483.9836	1553.832	0.335362	0.558992	145.7924	40.89693	0.482773	90.7	0
1816.455	1171.955	322.4002	21.78605	0.379114	1.334244	487.9984	1589.345	0.334408	0.5571	149.7198	41.51356	0.490944	91.9	0
1816.607	1172.107	322.4048	21.75023	0.387052	1.201561	491.8281	1605.68	0.342192	0.5741	115.5159	36.44309	0.431666	76	0
1816.76	1172.26	322.4095	21.71492	0.386362	1.145776	493.0569	1594.6	0.341542	0.575949	113.8628	36.21446	0.429632	74.6	0
1816.912	1172.412	322.4141	21.63905	0.379769	1.16637	493.1237	1575.493	0.335124	0.565521	137.11	39.56636	0.470983	83.7	0
1817.065	1172.565	322.4187	21.58037	0.37915	1.169604	492.6097	1568.062	0.334544	0.565068	138.5363	39.78189	0.474791	84.6	0
1817.217	1172.717	322.4233	21.55788	0.385355	1.160601	492.2562	1568.654	0.340634	0.578807	111.1714	35.84531	0.428242	74.7	0
1817.369	1172.869	322.4279	21.50099	0.381797	1.19718	491.903	1560.597	0.337182	0.576244	119.4725	36.9962	0.44312	78.8	0
1817.522	1173.022	322.4326	21.46816	0.364552	1.426596	491.5496	1535.966	0.320379	0.545965	184.4447	47.39477	0.568509	100	0.2
1817.674	1173.174	322.4372	21.47644	0.352765	1.536238	491.1961	1512.168	0.308934	0.526331	227.3342	55.88189	0.670072	100	0.6
1817.827	1173.327	322.4418	21.53668	0.357312	1.561032	490.8428	1497.96	0.313381	0.539784	202.6329	50.81216	0.60765	100	0.4
1817.979	1173.479	322.4464	21.47402	0.359579	1.541244	490.4894	1500.741	0.315613	0.542399	195.9439	49.52623	0.59394	100	0.3
1818.131	1173.631	322.451	21.45195	0.365303	1.579428	490.1361	1503.211	0.321213	0.551727	175.3429	45.77527	0.549506	100	0.2
1818.284	1173.784	322.4557	21.49397	0.382096	1.355059	489.7827	1502.345	0.337625	0.579373	114.5426	36.30831	0.435045	80.9	0
1818.436	1173.936	322.4603	21.50247	0.37811	1.386593	489.4292	1493.14	0.333756	0.565397	139.1684	39.87781	0.477639	90.7	0
1818.589	1174.089	322.4649	21.42219	0.396399	1.132679	489.076	1478.307	0.351672	0.599276	67.69121	30.37831	0.365173	61.2	0
1818.741	1174.241	322.4695	21.39839	0.385571	1.192386	488.7225	1464.099	0.341098	0.574847	115.9953	36.50967	0.439352	77.2	0
1818.893	1174.393	322.4741	21.41772	0.391919	1.110082	488.3691	1455.102	0.347335	0.589546	87.10408	32.70758	0.39326	66.3	0
1819.046	1174.546	322.4787	21.37527	0.375249	1.280988	488.0158	1445.479	0.331064	0.557829	153.3275	42.0883	0.507022	94.1	0
1819.198	1174.698	322.4833	21.23974	0.369696	1.339222	487.6624	1430.333	0.325672	0.552868	167.6152	44.44496	0.538706	100	0
1819.351	1174.851	322.488	21.17736	0.358103	1.47389	487.309	1413.415	0.314405	0.535344	207.3472	51.73976	0.628911	100	0.4
1819.503	1175.003	322.4926	21.09626	0.339592	1.674863	486.9555	1405.668	0.296448	0.501421	278.9413	68.56844	0.836565	100	1.2
1819.655	1175.155	322.4972	20.98772	0.344625	1.631622	486.6022	1406.782	0.301356	0.516695	251.0891	61.30723	0.751714	100	0.9
1819.808	1175.308	322.5018	20.9464	0.357381	1.429391	486.2487	1416.859	0.313777	0.542231	198.7088	50.05356	0.614903	100	0.3
1819.96	1175.46	322.5064	20.95383	0.358821	1.378114	485.8953	1426.833	0.315205	0.544846	193.1304	48.99565	0.601707	100	0.3
1820.113	1175.613	322.5111	20.9667	0.346262	1.39567	485.542	1431.387	0.303022	0.524829	237.5667	58.14582	0.713664	100	0.7
1820.265	1175.765	322.5157	21.0109	0.339432	1.404029	485.7341	1426.977	0.29642	0.516223	258.5522	63.14464	0.773453	100	0.9
1820.417	1175.917	322.5203	21.03318	0.339414	1.339534	486.5093	1414.645	0.296428	0.514427	261.02	63.76812	0.7803	100	0.9
1820.57	1176.07	322.5249	20.98352	0.333549	1.439388	488.563	1393.765	0.290769	0.500356	288.2478	71.28424	0.874272	100	1.2
1820.722	1176.222	322.5295	20.99424	0.32168	1.624092	490.0141	1383.099	0.279314	0.471707	343.5912	93.49043	1.14607	100	2.3
1820.875	1176.375	322.5342	21.00681	0.335412	1.455269	491.7304	1381.294	0.292624	0.498298	288.5278	71.36873	0.874391	100	1.2
1821.027	1176.527	322.5388	21.03279	0.334412	1.431906	492.2486	1386.681	0.291681	0.496981	291.6463	72.32174	0.885021	100	1.3
1821.179	1176.679	322.5434	21.06018	0.349376	1.296582	491.5531	1396.654	0.306222	0.528942	227.4733	55.91198	0.68336	100	0.5
1821.332	1176.832	322.548	21.09334	0.35086	1.281436	487.5234	1398.914	0.30769	0.531557	221.8394	54.70779	0.667636	100	0.5
1821.484	1176.984	322.5526	21.12327	0.353632	1.286554	485.3253	1390.959	0.31041	0.536858	210.7713	52.42485	0.638909	100	0.4
1821.637	1177.137	322.5573	21.15703	0.346456	1.388145	484.0152	1372.373	0.303463	0.523841	238.3206	58.31681	0.709629	100	0.7

1821.789	1177.289	322.5619	21.19133	0.335579	1.516012	483.8901	1348.783	0.292938	0.50296	281.6603	69.34414	0.842508	100	1.2
1821.941	1177.441	322.5665	21.18092	0.326113	1.624217	483.7652	1339.576	0.283801	0.484765	319.3792	82.03352	0.997163	100	1.8
1822.094	1177.594	322.5711	21.21279	0.327747	1.592567	483.6402	1344.128	0.285407	0.490162	309.7162	78.35238	0.951048	100	1.6
1822.246	1177.746	322.5757	21.17495	0.326107	1.587391	483.5152	1362.855	0.283845	0.48031	325.4667	84.56923	1.028288	100	1.8
1822.399	1177.899	322.5803	21.1268	0.332648	1.439731	483.3903	1386.589	0.2902	0.488104	305.941	77.01069	0.93845	100	1.4
1822.551	1178.051	322.5849	21.12814	0.334431	1.353256	483.2653	1399.272	0.291952	0.486595	305.6049	76.89355	0.936975	100	1.4
1822.703	1178.203	322.5896	21.12947	0.338259	1.29485	483.1404	1404.868	0.295687	0.489498	296.4448	73.83361	0.899644	100	1.2
1822.856	1178.356	322.5942	21.11123	0.342719	1.272007	483.0155	1404.834	0.300037	0.50458	269.6274	66.01045	0.804999	100	0.9
1823.008	1178.508	322.5988	21.14543	0.344782	1.29947	482.8904	1408.03	0.302065	0.514101	253.6913	61.93993	0.75419	100	0.8
1823.161	1178.661	322.6034	21.17835	0.342665	1.335092	483.542	1411.646	0.300036	0.509044	263.4704	64.39553	0.782923	100	0.9
1823.313	1178.813	322.608	21.21564	0.330125	1.500205	484.984	1421.93	0.287909	0.481354	318.4168	81.64917	0.991023	100	1.7
1823.465	1178.965	322.6126	21.29783	0.338328	1.392003	488.1209	1425.233	0.29588	0.500369	281.1772	69.20528	0.836871	100	1.1
1823.618	1179.118	322.6173	21.37128	0.335763	1.432072	490.2721	1438.853	0.29342	0.496175	290.3592	71.9257	0.866899	100	1.2
1823.77	1179.27	322.6219	21.44498	0.33807	1.304722	492.412	1448.721	0.295681	0.495625	287.9974	71.20884	0.855429	100	1.1
1823.923	1179.423	322.6265	21.44919	0.338013	1.343141	495.0929	1451.71	0.295651	0.489705	296.2086	73.75781	0.885892	100	1.2
1824.075	1179.575	322.6311	21.49074	0.344475	1.27916	497.7172	1445.006	0.301944	0.504116	267.6372	65.48221	0.785041	100	0.8
1824.227	1179.727	322.6357	21.51132	0.357833	1.198293	500.8513	1440.594	0.314951	0.532913	209.9481	52.25926	0.625946	100	0.3
1824.38	1179.88	322.6404	21.54106	0.374922	1.063359	502.2291	1440.768	0.33163	0.571587	133.561	39.03512	0.466936	81.6	0
1824.532	1180.032	322.645	21.59126	0.386545	0.96307	502.757	1445.527	0.343012	0.598082	81.29111	31.99194	0.381834	62.8	0
1824.685	1180.185	322.6496	21.65072	0.370032	1.074871	501.9253	1452.582	0.326909	0.564926	149.268	41.44215	0.493325	87.9	0
1824.837	1180.337	322.6542	21.63866	0.32617	1.529756	499.6203	1453.902	0.284336	0.472023	336.2244	89.57432	1.06687	100	1.9
1824.989	1180.489	322.6588	21.74245	0.320013	1.647559	495.3891	1450.637	0.278411	0.457568	364.3497	107.7372	1.277326	100	2.7
1825.142	1180.642	322.6635	21.68972	0.351156	1.304944	490.9877	1455.397	0.308608	0.524725	230.0002	56.4618	0.670979	100	0.5
1825.294	1180.794	322.6681	21.72731	0.353851	1.264355	488.5125	1464.951	0.311254	0.5353	211.7562	52.62372	0.624335	100	0.3
1825.447	1180.947	322.6727	21.66978	0.338354	1.355339	488.7571	1477.947	0.296233	0.508761	269.1081	65.87203	0.783516	100	0.9
1825.599	1181.099	322.6773	21.58126	0.341869	1.294563	491.3243	1481.978	0.299667	0.514925	255.8635	62.47451	0.746042	100	0.8
1825.751	1181.251	322.6819	21.65277	0.364802	1.103896	494.0621	1479.442	0.321988	0.559928	162.9555	43.66196	0.519741	94.8	0
1825.904	1181.404	322.6865	21.56928	0.364403	1.116303	495.6099	1470.234	0.321625	0.554008	171.6262	45.13042	0.539226	98.7	0
1826.056	1181.556	322.6911	21.41748	0.354415	1.269321	495.9678	1459.88	0.311928	0.527853	221.1017	54.55226	0.65625	100	0.4
1826.209	1181.709	322.6958	21.34027	0.349503	1.307232	495.3061	1441.709	0.307179	0.517426	242.0452	59.1704	0.714292	100	0.6
1826.361	1181.861	322.7004	21.23947	0.34597	1.372554	493.9074	1414.364	0.303774	0.510355	256.5027	62.63297	0.759555	100	0.8
1826.513	1182.013	322.705	21.14094	0.351799	1.288674	494.2654	1397.339	0.30946	0.523999	229.8262	56.42374	0.687337	100	0.5
1826.666	1182.166	322.7096	21.05003	0.370425	1.161032	496.2096	1417.941	0.327621	0.56344	150.3355	41.61109	0.50901	92.2	0
1826.818	1182.318	322.7142	21.05942	0.376888	1.06325	499.0604	1461.474	0.333952	0.574111	126.8725	38.05342	0.465296	80.4	0
1826.971	1182.471	322.7189	20.978	0.380905	1.028743	501.628	1518.561	0.337902	0.579604	113.8423	36.21163	0.444438	75.2	0
1827.123	1182.623	322.7235	20.88162	0.375735	1.042234	502.7791	1552.403	0.332877	0.568313	136.3579	39.45318	0.486386	83.7	0
1827.275	1182.775	322.7281	20.87191	0.375772	1.098927	503.1938	1543.614	0.332939	0.567668	137.1633	39.57439	0.488105	85.4	0
1827.428	1182.928	322.7327	20.86389	0.359789	1.262584	503.4384	1521.064	0.317383	0.535183	203.4591	50.97343	0.628939	100	0.3
1827.58	1183.08	322.7373	20.95291	0.333736	1.524177	504.0229	1482.462	0.292112	0.47949	315.1902	80.39057	0.987846	100	1.6
1827.733	1183.233	322.742	21.04823	0.355666	1.299923	504.7207	1478.987	0.313422	0.521904	227.2501	55.86372	0.683465	100	0.5
1827.885	1183.385	322.7466	21.04955	0.364692	1.251257	504.8337	1488.33	0.322234	0.535165	196.7906	49.6871	0.607867	100	0.2
1828.037	1183.537	322.7512	20.9481	0.355228	1.344458	504.1372	1506.328	0.313046	0.516873	234.7112	57.50352	0.706788	100	0.6
1828.19	1183.69	322.7558	21.03363	0.34166	1.48126	504.2154	1515.883	0.299893	0.490238	289.6188	71.69962	0.877826	100	1.2
1828.342	1183.842	322.7604	20.9285	0.333793	1.562119	504.5208	1525.749	0.292293	0.480386	313.7019	79.82481	0.982052	100	1.6
1828.495	1183.995	322.765	20.84852	0.332452	1.599879	502.6634	1537.492	0.29102	0.485591	308.2772	77.83518	0.961133	100	1.6
1828.647	1184.147	322.7697	20.77455	0.339817	1.526473	500.1097	1540.583	0.298181	0.502112	275.5957	67.63254	0.83803	100	1.1
1828.799	1184.299	322.7743	20.77586	0.33505	1.571062	497.7644	1537.005	0.293587	0.491301	296.8551	73.96559	0.916456	100	1.4
1828.952	1184.452	322.7789	20.71373	0.338246	1.449019	497.0457	1521.959	0.296709	0.496889	284.8353	70.26806	0.873177	100	1.2
1829.104	1184.604	322.7835	20.65252	0.341741	1.386457	496.9502	1508.581	0.300123	0.502957	271.7504	66.58077	0.829738	100	1
1829.257	1184.757	322.7881	20.69101	0.349787	1.292933	497.4781	1491.347	0.307959	0.523697	232.3136	56.97061	0.708705	100	0.6
1829.409	1184.909	322.7927	20.64425	0.332765	1.445318	499.1957	1476.926	0.291473	0.492172	298.5699	74.52209	0.929084	100	1.4
1829.561	1185.061	322.7973	20.66347	0.326992	1.548323	501.82	1472.304	0.285912	0.484525	316.796	81.0113	1.009089	100	1.7
1829.714	1185.214	322.802	20.67984	0.320421	1.64058	503.9908	1474.977	0.279586	0.475153	338.46	90.71522	1.12911	100	2.2
1829.866	1185.366	322.8066	20.76774	0.333659	1.514536	505.1986	1482.654	0.292415	0.500017	286.4436	70.74389	0.876937	100	1.3
1830.019	1185.519	322.8112	20.7515	0.328572	1.710964	504.4236	1480.534	0.287516	0.484124	315.138	80.37059	0.997034	100	1.8
1830.171	1185.671	322.8158	20.80981	0.329538	1.815506	502.1752	1473.201	0.288476	0.480217	319.2038	81.96316	1.014048	100	1.8
1830.323	1185.823	322.8204	20.70038	0.345433	1.623387	497.9441	1468.579	0.303907	0.508726	258.5673	63.14841	0.785273	100	1
1830.476	1185.976	322.8251	20.76194	0.336847	1.695716	492.5795	1476.047	0.295604	0.499353	282.9587	69.71953	0.864511	100	1.3
1830.628	1186.128	322.8297	20.73583	0.310068	2.058737	488.8579	1474.76	0.269748	0.453346	382.1296	126.1698	1.566407	100	3.9
1830.781	1186.281	322.8343	20.79781	0.280084	2.527415	488.8189	1461.591	0.240972	0.40849	483.7418	382.3756	4.733597	100	15.9
1830.933	1186.433	322.8389	20.82034	0.290433	2.278761	490.9332	1456.342	0.250916	0.45522	405.5315	167.8986	2.07634	100	6.1
1831.085	1186.585	322.8435	20.79794	0.332162	1.592767	493.6142	1463.185	0.291167	0.530433	246.1924	60.13866	0.744495	100	0.9
1831.238	1186.738	322.8482	20.86706	0.338344	1.534485	495.3318	1481.91	0.297181	0.529596	239.0483	58.48241	0.721682	100	0.8
1831.39	1186.89	322.8528	21.01049	0.353749	1.417488	495.803	1485.731	0.312162	0.549953	190.2817	48.46448	0.594122	100	0.3
1831.543	1187.043	322.8574	21.10311	0.354726	1.458306	495.1978	1462.764	0.313137	0.542307	199.4878	50.2032	0.612838	100	0.4
1831.695	1187.195	322.862	21.10868	0.368201	1.382958	495.2156	1428.955	0.326283	0.567171	147.0342	41.09089	0.50148	97.5	0
1831.847	1187.347	322.8666	21.11044	0.356153	1.487864	496.3668	1406.611	0.314575	0.542646	197.0347	49.73358	0.606915	100	0.3
1832	1187.5	322.8713	21.11184	0.337925	1.586444	497.1212	1406.991	0.2969	0.50575	272.343	66.74125	0.814421	100	1.1
1832.152	1187.652	322.8759	21.03432	0.353794	1.351792	497.5357	1430.092	0.312331	0.539629	204.2952	51.1372	0.626236	100	0.4
1832.305	1187.805	322.8805	21.07553	0.386056	1.010969	497.2706	1465.912	0.343817	0.601991	74.78496	31.20955	0.381481	63.3	0
1832.457	1187.957	322.8851	21.14254	0.372496	1.202345	496.3819	1495.478	0.330597	0.57363	132.167	38.82845	0.473163	86.3	0
1832.609	1188.109	322.8897	21.16678	0.352019	1.3761	494.3037	1501.385	0.310682	0.53213	216.92	53.67991	0.653427	100	0.5
1832.762	1188.262	322.8943	21.17616	0.327372	1.844366	492.1119	1481.856	0.286808	0.480177	321.561	82.92097	1.008948	100	1.9
1832.914	1188.414	322.8989	21.2035	0.311058	1.981367	490.6	1453.363	0.27108	0.449706	385.3152	130.4104	1.584824	100	3.9
1833.067	1188.567	322.9036	21.22553	0.344747	1.460058	490.3347	1433.104	0.303694	0.528755	231.2208	56.7296	0.688729	100	0.6
1833.219	1188.719	322.9082	21.26091	0.350022	1.30454	490.4658	1446.615	0.308841	0.538659	210.4503	52.36021	0.63467	100	0.4
1833.371	1188.871	322.9128	21.35402	0.369204	1.123338	490.4272	1466.28	0.327537	0.574168	135.6472	39.34653	0.474929	85.7	0
1833.524	1189.024	322.9174	21.2896	0.334362	1.495772	492.9946	1481.356	0.293699	0.50246	281.3007	69.24074	0.83821	100	1.2
1833.676	1189.176	322.922	21.44533	0.354614	1.244509	494.6556	1480.798	0.31338	0.543435	197.595	49.84043	0.599141	100	0.2
1833.829	1189.329	322.9267	21.53584	0.353358	1.266899	496.43	1467.941	0.312184	0.537707	207.1499	51.70057	0.618995	100	0.3

1833.981	1189.481	322.9313	21.65588	0.365323	1.133064	497.2411	1468.11	0.323855	0.558064	162.9522	43.66141	0.519963	95.6	0
1834.133	1189.633	322.9359	21.68578	0.358781	1.176577	497.3725	1477.663	0.317509	0.543801	191.3925	48.67087	0.578859	100	0.1
1834.286	1189.786	322.9405	21.64628	0.341947	1.308097	496.8238	1496.074	0.301177	0.508726	262.3329	64.10324	0.763747	100	0.8
1834.438	1189.938	322.9451	21.66406	0.34121	1.321205	495.5952	1517.301	0.300488	0.510766	260.4696	63.62836	0.757499	100	0.8
1834.591	1190.091	322.9498	21.6201	0.348871	1.285221	494.4801	1533.733	0.307949	0.531123	222.0811	54.75884	0.653188	100	0.4
1834.743	1190.243	322.9544	21.69733	0.361344	1.188868	493.7614	1547.558	0.320104	0.556467	170.3317	44.90803	0.533856	100	0
1834.895	1190.395	322.959	21.6987	0.373887	1.116497	492.6463	1530.115	0.332356	0.58018	120.6995	37.16943	0.441839	78.8	0
1835.048	1190.548	322.9636	21.6852	0.361474	1.257721	492.8341	1492.866	0.320281	0.553066	174.7807	45.67713	0.543302	100	0.1
1835.2	1190.7	322.9682	21.59856	0.353586	1.369546	494.0983	1453.948	0.312631	0.533912	211.7712	52.62676	0.628385	100	0.4
1835.353	1190.853	322.9728	21.60185	0.340882	1.492472	496.7792	1444.632	0.300321	0.506222	266.9715	65.30687	0.779684	100	0.9
1835.505	1191.005	322.9775	21.56495	0.335605	1.451262	497.5904	1455.954	0.29523	0.494644	289.9744	71.80806	0.858721	100	1.2
1835.657	1191.157	322.9821	21.60773	0.350614	1.222669	497.6084	1459.357	0.309818	0.522577	231.2948	56.74588	0.677314	100	0.5
1835.81	1191.31	322.9867	21.5471	0.374547	1.05505	494.5102	1449.209	0.333151	0.566813	138.0498	39.70825	0.475242	83.1	0
1835.962	1191.462	322.9913	21.61718	0.38346	1.006349	494.7546	1430.408	0.341882	0.585732	99.89282	34.33898	0.409703	68.9	0
1836.115	1191.615	322.9959	21.64681	0.382846	1.029384	493.1863	1418.279	0.341307	0.587771	97.87208	34.07588	0.406034	68.9	0
1836.267	1191.767	323.0005	21.7442	0.364578	1.140998	494.1671	1411.048	0.323505	0.557109	164.7527	43.96227	0.521586	96.4	0
1836.419	1191.919	323.0051	21.76448	0.37307	1.034369	494.1853	1412.469	0.33181	0.580535	120.965	37.20702	0.441048	77.1	0
1836.572	1192.072	323.0098	21.72486	0.35853	1.146985	494.5997	1408.469	0.317666	0.553516	177.7693	46.20133	0.548631	100	0
1836.724	1192.224	323.0144	21.67231	0.362838	1.12957	495.1841	1398.424	0.321886	0.561693	160.6613	43.28163	0.515164	95.3	0
1836.877	1192.377	323.019	21.67829	0.347813	1.28442	496.6752	1389.422	0.307297	0.528058	227.2102	55.8551	0.664652	100	0.5
1837.029	1192.529	323.0236	21.80795	0.343092	1.301068	498.9593	1392.301	0.30274	0.513411	253.7126	61.94513	0.732916	100	0.7
1837.181	1192.681	323.0282	21.9378	0.342613	1.375225	499.7707	1397.683	0.3023	0.511135	257.4594	62.87113	0.739652	100	0.8
1837.334	1192.834	323.0329	22.01309	0.357492	1.242937	499.222	1408.381	0.316782	0.542424	194.2956	49.21466	0.577095	100	0.2
1837.486	1192.986	323.0375	22.08652	0.379618	1.105199	497.5969	1424.602	0.338379	0.588867	100.4018	34.40556	0.40216	70.7	0
1837.639	1193.139	323.0421	22.10304	0.380248	1.103883	495.2352	1440.096	0.339019	0.593016	93.79184	33.55077	0.391891	68.8	0
1837.791	1193.291	323.0467	22.13287	0.377055	1.139879	492.3069	1433.699	0.335925	0.58748	105.7017	35.10668	0.40954	73.3	0
1837.943	1193.443	323.0513	22.16817	0.353382	1.356931	489.8885	1404.164	0.312884	0.54013	202.84	50.85254	0.592325	100	0.3
1838.096	1193.596	323.056	22.18063	0.350452	1.4	488.7166	1349.297	0.310062	0.532867	216.758	53.64642	0.624538	100	0.4
1838.248	1193.748	323.0606	22.17831	0.33788	1.61648	489.7541	1319.863	0.297886	0.504794	272.3024	66.73024	0.776942	100	1
1838.401	1193.901	323.0652	22.08641	0.339542	1.599152	492.3784	1321.178	0.299522	0.503381	271.9929	66.64636	0.779069	100	1
1838.553	1194.053	323.0698	21.99308	0.357899	1.314181	495.399	1350.74	0.317378	0.535726	202.7166	50.82849	0.596589	100	0.3
1838.705	1194.205	323.0744	21.97579	0.362083	1.222496	497.0602	1380.93	0.321476	0.540259	190.8056	48.5617	0.57042	100	0.1
1838.858	1194.358	323.079	21.99197	0.364544	1.164843	495.5485	1379.537	0.323898	0.542299	184.6483	47.43166	0.556759	100	0.1
1839.01	1194.51	323.0837	21.88939	0.346419	1.327681	491.6571	1372.618	0.306295	0.506265	258.6665	63.17333	0.744879	100	0.7
1839.163	1194.663	323.0883	21.80536	0.347446	1.319017	487.4824	1358.821	0.307317	0.514059	246.501	60.21147	0.712591	100	0.6
1839.315	1194.815	323.0929	21.73745	0.342187	1.269443	486.4236	1351.172	0.302237	0.50766	262.3423	64.10564	0.760964	100	0.8
1839.467	1194.967	323.0975	21.71021	0.365917	1.007916	486.4415	1342.377	0.325336	0.560815	157.1112	42.69974	0.507482	90	0
1839.62	1195.12	323.1021	21.75256	0.363986	0.91865	486.176	1329.622	0.323479	0.558635	162.6825	43.61653	0.517414	90	0
1839.772	1195.272	323.1067	21.73744	0.36065	0.902952	486.0807	1328.643	0.320256	0.552619	175.4329	45.791	0.543578	95	0
1839.925	1195.425	323.1114	21.74847	0.348125	0.984654	487.2883	1342.049	0.308102	0.526655	228.0353	56.03375	0.664851	100	0.4
1840.077	1195.577	323.116	21.74961	0.338824	1.124514	490.1957	1373.697	0.299102	0.506158	268.7415	65.77454	0.780396	100	0.8
1840.229	1195.729	323.1206	21.68336	0.334609	1.240873	494.123	1403.678	0.295042	0.493046	292.4395	72.56775	0.863534	100	1.1
1840.382	1195.882	323.1252	21.6348	0.360968	1.030412	497.8802	1422.609	0.320666	0.543228	187.827	48.01159	0.572562	100	0.1
1840.534	1196.034	323.1298	21.65333	0.370603	0.973778	500.7877	1433.619	0.33008	0.562434	148.3316	41.29454	0.492058	85.2	0
1840.687	1196.187	323.1345	21.75986	0.360119	1.095596	502.6755	1452.133	0.31989	0.543279	188.8269	48.19554	0.571592	100	0.1
1840.839	1196.339	323.1391	21.86701	0.352633	1.225555	502.8068	1470.855	0.312632	0.529495	217.8643	53.87556	0.635954	100	0.4
1840.991	1196.491	323.1437	21.91836	0.345076	1.417439	501.805	1490.048	0.305317	0.51504	247.9078	60.54483	0.713079	100	0.7
1841.144	1196.644	323.1483	21.98279	0.327775	1.695014	499.1033	1485.891	0.288576	0.492049	302.7371	75.90887	0.891526	100	1.5
1841.296	1196.796	323.1529	21.91428	0.304813	2.053808	496.4015	1452.81	0.266442	0.465031	370.5675	113.3288	1.33502	100	3.2
1841.449	1196.949	323.1576	21.88703	0.316723	1.833536	493.3034	1415.142	0.277948	0.499965	306.4805	77.19944	0.910511	100	1.7
1841.601	1197.101	323.1622	21.84554	0.327333	1.822606	490.2617	1404.312	0.288223	0.524254	258.782	63.20235	0.746793	100	1.1
1841.753	1197.253	323.1668	21.83514	0.335943	1.714813	490.9026	1412.037	0.296584	0.534445	233.18	57.16251	0.675743	100	0.8
1841.906	1197.406	323.1714	21.91897	0.348748	1.507322	493.3568	1433.468	0.309032	0.546171	199.82	50.26715	0.592053	100	0.4
1842.058	1197.558	323.176	21.94909	0.352244	1.388285	495.5276	1452.712	0.312454	0.545429	196.122	49.56003	0.582962	100	0.3
1842.211	1197.711	323.1806	21.94148	0.364041	1.245263	497.8685	1448.504	0.323958	0.565402	152.6821	41.98489	0.494027	94.5	0
1842.363	1197.863	323.1852	21.84667	0.353718	1.407417	499.1895	1434.809	0.313937	0.543754	196.3861	49.61019	0.586191	100	0.3
1842.515	1198.015	323.1899	21.82997	0.352837	1.452896	500.7939	1426.951	0.313105	0.54263	199.0863	50.126	0.592728	100	0.3
1842.668	1198.168	323.1945	21.87367	0.332262	1.613354	501.7749	1439.731	0.293169	0.500171	285.1916	70.37302	0.830556	100	1.2
1842.82	1198.32	323.1991	21.90759	0.347766	1.381209	503.1526	1465.957	0.308228	0.531748	220.8334	54.49583	0.64222	100	0.5
1842.973	1198.473	323.2037	21.9527	0.350748	1.356612	504.9836	1484.054	0.31115	0.536857	209.7505	52.21959	0.614188	100	0.4
1843.125	1198.625	323.2083	21.97577	0.36224	1.288335	506.4746	1496.626	0.322354	0.558844	163.9473	43.82743	0.514968	100	0
1843.277	1198.777	323.2129	21.9899	0.356007	1.475936	506.1527	1494.919	0.316313	0.54343	193.5558	49.07548	0.576282	100	0.3
1843.43	1198.93	323.2176	21.99463	0.344725	1.709925	503.7343	1480.181	0.305376	0.515644	246.9931	60.32782	0.708278	100	0.8
1843.582	1199.082	323.2222	22.00257	0.352998	1.606606	500.0128	1459.919	0.313436	0.532165	213.071	52.89049	0.620751	100	0.5
1843.735	1199.235	323.2268	22.10809	0.352143	1.550526	496.1215	1437.99	0.31263	0.53267	213.4859	52.97496	0.618901	100	0.4
1843.887	1199.387	323.2314	22.24279	0.361017	1.415512	492.7965	1421.479	0.321288	0.551205	175.9605	45.88333	0.532943	100	0.1
1844.039	1199.539	323.236	22.27617	0.359274	1.392685	488.5085	1399.133	0.319616	0.546531	184.717	47.44412	0.550287	100	0.2
1844.192	1199.692	323.2407	22.26258	0.395706	1.069634	486.8264	1374.18	0.355217	0.615798	39.9993	27.34005	0.317296	53	0
1844.344	1199.844	323.2453	22.4129	0.411642	0.885404	487.0141	1353.708	0.370874	0.642292	-18.1695	21.91158	0.252664	38.5	0
1844.497	1199.997	323.2499	22.50989	0.385334	1.008759	489.0717	1358.462	0.345116	0.591011	88.14515	32.83743	0.377093	63.9	0
1844.649	1200.149	323.2545	22.54894	0.367668	1.060088	491.8091	1383.54	0.327893	0.559677	155.1544	42.3824	0.485903	87.9	0
1844.801	1200.301	323.2591	22.57563	0.349841	1.190614	493.2435	1399.969	0.310568	0.526233	225.215	55.42576	0.63473	100	0.4
1844.954	1200.454	323.2638	22.61997	0.345645	1.207128	492.6949	1397.323	0.306518	0.519929	239.5027	58.58612	0.669671	100	0.5
1845.106	1200.606	323.2684	22.66382	0.372231	1.001349	491.693	1392.904	0.332417	0.573755	129.4821	38.43345	0.438507	77.1	0
1845.259	1200.759	323.273	22.73674	0.399438	0.833936	492.7874	1396.511	0.359048	0.624225	23.08243	25.63558	0.291596	45.4	0
1845.411	1200.911	323.2776	22.74234	0.397209	0.815373	494.2216	1399.18	0.356889	0.618114	34.49655	26.77353	0.304471	47.4	0
1845.563	1201.063	323.2822	22.77014	0.379302	0.878669	495.5993	1423.841	0.339395	0.581697	108.8932	35.53579	0.403649	67.2	0
1845.716	1201.216	323.2868	22.79603	0.378734	0.871314	494.5408	1422.551	0.338865	0.580572	111.1775	35.84614	0.406737	67.7	0
1845.868	1201.368	323.2915	22.79746	0.370286	0.975923	492.519	1417.402	0.330645	0.565061	143.9253	40.60703	0.460734	81	0
1846.021	1201.521	323.2961	22.72636	0.366032	1.034581	491.0637	1419.862	0.326523	0.558757	158.3132	42.89586	0.488164	88.3	0

1846.173	1201.673	323.3007	22.65797	0.362623	1.128424	491.988	1440.25	0.323226	0.555043	167.9884	44.50828	0.50798	95.2	0
1846.325	1201.825	323.3053	22.65939	0.367502	1.117453	494.7253	1479.244	0.328005	0.566002	146.2706	40.97151	0.467591	86.1	0
1846.478	1201.978	323.3099	22.66081	0.371128	1.149323	497.5195	1490.2	0.331566	0.572357	132.5867	38.89055	0.44382	81.6	0
1846.63	1202.13	323.3145	22.73145	0.383325	1.08415	499.6903	1473.169	0.3435	0.594536	85.5106	32.50982	0.369904	64.6	0
1846.783	1202.283	323.3192	22.73288	0.36415	1.240937	499.5951	1451.552	0.324814	0.553228	168.3026	44.56167	0.507008	97.8	0
1846.935	1202.435	323.3238	22.7343	0.366939	1.194231	500.3495	1459.378	0.327556	0.555267	161.7037	43.45402	0.494381	93.4	0
1847.087	1202.587	323.3284	22.72821	0.360794	1.247269	496.9681	1461.37	0.321595	0.538127	193.5843	49.08085	0.558547	100	0.1
1847.24	1202.74	323.333	22.68684	0.375157	1.169837	491.7736	1448.924	0.335622	0.566443	135.1495	39.272	0.447704	82	0
1847.392	1202.892	323.3376	22.64174	0.353602	1.391983	488.5051	1410.733	0.314648	0.523697	223.084	54.97129	0.627877	100	0.4
1847.545	1203.045	323.3423	22.62053	0.359947	1.249653	488.4096	1407.876	0.320845	0.542615	188.4244	48.1214	0.550137	100	0.1
1847.697	1203.197	323.3469	22.58727	0.358768	1.175215	490.3537	1423.051	0.319722	0.549258	180.807	46.74053	0.535109	100	0
1847.849	1203.349	323.3515	22.58797	0.367917	1.062462	492.6379	1436.561	0.328659	0.5723	136.6762	39.50103	0.452219	81.8	0
1848.002	1203.502	323.3561	22.55122	0.362008	1.109554	494.1856	1427.972	0.322927	0.560722	160.5647	43.26569	0.496095	92.5	0
1848.154	1203.654	323.3607	22.39591	0.344158	1.307335	493.8635	1412.399	0.305598	0.524785	234.0722	57.36091	0.662086	100	0.5
1848.307	1203.807	323.3654	22.25422	0.345088	1.318195	493.7681	1419.444	0.306526	0.526728	230.1088	56.48557	0.655966	100	0.5
1848.459	1203.959	323.37	22.28617	0.353924	1.296392	494.0125	1440.665	0.315136	0.54392	194.5029	49.25372	0.571203	100	0.2
1848.611	1204.111	323.3746	22.30743	0.371344	1.188158	495.4469	1472.102	0.332125	0.57684	125.628	37.87352	0.438828	81.2	0
1848.764	1204.264	323.3792	22.22237	0.380624	1.148557	497.0511	1485.611	0.34121	0.593553	90.02761	33.07353	0.384622	68.5	0
1848.916	1204.416	323.3838	22.16089	0.367033	1.307818	498.6554	1491.302	0.327971	0.565767	146.641	41.02938	0.478418	92.6	0
1849.069	1204.569	323.3884	22.08444	0.358382	1.444815	499.3533	1476.981	0.319572	0.547092	184.004	47.315	0.553549	100	0.2
1849.221	1204.721	323.393	21.93458	0.340251	1.631584	498.9745	1464.43	0.301983	0.507606	262.7672	64.21461	0.756196	100	0.9
1849.373	1204.873	323.3977	21.84934	0.332337	1.789159	498.4825	1449.17	0.294339	0.491808	295.1165	73.4093	0.867723	100	1.4
1849.526	1205.026	323.4023	21.86943	0.333616	1.832454	497.9338	1437.557	0.295603	0.500273	281.6915	69.35312	0.819062	100	1.2
1849.678	1205.178	323.4069	21.81785	0.320243	2.197682	497.895	1447.623	0.282693	0.47757	330.8372	86.97484	1.02952	100	2.1
1849.831	1205.331	323.4115	21.8027	0.345382	1.902724	499.3293	1463.425	0.307061	0.536192	216.3114	53.55424	0.634351	100	0.6
1849.983	1205.483	323.4161	21.79371	0.334346	2.069544	501.4434	1469.949	0.296384	0.515023	260.2588	63.57492	0.753353	100	1.1
1850.135	1205.635	323.4207	21.83701	0.330084	2.073635	500.1584	1435.094	0.292282	0.500088	286.529	70.76932	0.837015	100	1.4
1850.288	1205.788	323.4254	21.86343	0.324165	2.017107	491.3945	1382.934	0.286582	0.485921	313.9464	79.91715	0.944123	100	1.8
1850.44	1205.94	323.43	21.82387	0.319829	1.986376	478.7779	1329.314	0.282418	0.482781	324.0254	83.95169	0.993524	100	1.9
1850.593	1206.093	323.4346	21.79252	0.286709	2.432165	470.3536	1293.518	0.250571	0.425842	446.5501	289.9059	3.435666	100	11
1850.745	1206.245	323.4392	21.76447	0.255576	2.998899	470.8809	1290.45	0.22086	0.389041	538.3363	492.492	5.843802	100	22
1850.897	1206.397	323.4438	21.80841	0.25871	2.669413	478.7172	1290.616	0.223868	0.411028	503.8437	426.0178	5.045293	100	18.6
1851.05	1206.55	323.4485	21.85161	0.293974	1.859362	487.0071	1317.986	0.257616	0.470513	375.1816	118.0258	1.395128	100	3.5
1851.202	1206.702	323.4531	21.85298	0.335545	1.351413	491.7276	1348.587	0.297744	0.539012	225.276	55.43883	0.655284	100	0.6
1851.355	1206.855	323.4577	21.85434	0.345999	1.271256	493.3322	1374.812	0.307909	0.5446	203.5377	50.98881	0.602656	100	0.3
1851.507	1207.007	323.4623	21.85571	0.355812	1.189438	493.9166	1383.318	0.31747	0.554312	176.9417	46.05555	0.544321	100	0.1
1851.659	1207.159	323.4669	21.84981	0.341555	1.374993	494.8976	1384.005	0.303645	0.525951	235.1577	57.60339	0.680986	100	0.6
1851.812	1207.312	323.4716	21.93134	0.321599	1.763602	497.3518	1382.086	0.284351	0.484451	319.053	81.90276	0.964804	100	1.8
1851.964	1207.464	323.4762	21.9453	0.312865	2.041776	499.4092	1395.696	0.275946	0.465392	356.954	101.992	1.20073	100	2.7
1852.117	1207.617	323.4808	21.90321	0.320593	1.92876	502.43	1417.543	0.283429	0.480475	325.8132	84.71939	0.999236	100	1.9
1852.269	1207.769	323.4854	21.90458	0.320824	2.002727	501.8814	1441.055	0.283678	0.475993	331.655	87.3567	1.030291	100	2.1
1852.421	1207.921	323.49	21.86104	0.330335	1.956638	503.5423	1445.079	0.292899	0.492418	296.2632	73.77533	0.871786	100	1.5
1852.574	1208.074	323.4946	21.82563	0.331571	2.007209	497.9514	1436.697	0.29412	0.492156	294.9404	73.35339	0.868161	100	1.5
1852.726	1208.226	323.4992	21.82699	0.338396	1.881753	494.2296	1423.311	0.300756	0.505799	266.9541	65.3023	0.772835	100	1.1
1852.879	1208.379	323.5039	21.82836	0.338689	1.874278	489.3751	1443.593	0.301066	0.508894	262.256	64.08355	0.758374	100	1
1853.031	1208.531	323.5085	21.88506	0.358923	1.555397	485.6533	1447.823	0.320744	0.5515	176.303	45.94338	0.542352	100	0.2
1853.183	1208.683	323.5131	21.85231	0.357965	1.529302	487.5974	1435.794	0.319837	0.547114	183.6071	47.24328	0.558507	100	0.2
1853.336	1208.836	323.5177	21.84323	0.388471	1.1779	491.3545	1410.525	0.349628	0.605927	61.33396	29.65221	0.35069	61.4	0
1853.488	1208.988	323.5223	21.95071	0.384685	1.260915	498.5677	1386.611	0.34595	0.597993	77.35825	31.51668	0.370991	67.3	0
1853.641	1209.141	323.527	22.05443	0.360275	1.539279	499.2091	1384.69	0.32216	0.550452	175.7959	45.8545	0.537332	100	0.2
1853.793	1209.293	323.5316	21.97555	0.338493	1.853035	496.1109	1396.112	0.301024	0.510486	260.1156	63.53868	0.747133	100	1
1853.945	1209.445	323.5362	21.91104	0.343558	1.751389	489.6701	1410.036	0.305961	0.524322	234.2092	57.39146	0.676766	100	0.7
1854.098	1209.598	323.5408	21.95318	0.354768	1.496481	484.2486	1405.823	0.316876	0.546117	189.0697	48.2403	0.567811	100	0.3
1854.25	1209.75	323.5454	21.98696	0.32979	1.750342	481.5467	1386.287	0.292669	0.496178	291.3914	72.24301	0.849089	100	1.3
1854.403	1209.903	323.5501	22.03314	0.298416	2.105192	485.7003	1376.133	0.262432	0.43732	414.3424	192.5117	2.258104	100	6.4
1854.555	1210.055	323.5547	22.18706	0.318421	1.829001	490.9873	1367.332	0.28173	0.489037	316.3426	80.83494	0.941865	100	1.7
1854.707	1210.207	323.5593	22.19838	0.342349	1.576656	496.0477	1380.838	0.304912	0.538931	215.4958	53.38632	0.621744	100	0.5
1854.86	1210.36	323.5639	22.1499	0.349426	1.556279	496.3492	1389.967	0.311808	0.553054	186.4906	47.76688	0.557473	100	0.3
1855.012	1210.512	323.5685	22.10003	0.340587	1.584328	490.9279	1355.526	0.303253	0.53342	225.3918	55.46365	0.648708	100	0.6
1855.165	1210.665	323.5731	22.0424	0.31526	1.699775	484.4303	1286.898	0.278778	0.484824	326.2301	84.90093	0.995513	100	1.9
1855.317	1210.817	323.5778	21.97414	0.29515	1.75302	480.9352	1221.706	0.259442	0.462408	383.8469	128.4123	1.510217	100	3.9
1855.469	1210.969	323.5824	21.87533	0.303598	1.567622	483.7856	1219.574	0.267589	0.489862	334.7176	88.8267	1.049208	100	2.1
1855.622	1211.122	323.587	21.77796	0.333681	1.234368	489.639	1283.943	0.296659	0.536783	229.8495	56.42884	0.669402	100	0.6
1855.774	1211.274	323.5916	21.75513	0.346171	1.217142	495.6059	1375.833	0.308796	0.549468	195.5964	49.46037	0.587335	100	0.2
1855.927	1211.427	323.5962	21.75649	0.33141	1.601733	498.2869	1450.528	0.29451	0.507105	273.7717	67.13055	0.797126	100	1.1
1856.079	1211.579	323.6008	21.75784	0.323281	1.848266	499.3246	1479.358	0.286671	0.479703	322.4033	83.2698	0.98872	100	1.8
1856.231	1211.731	323.6054	21.7592	0.332319	1.846515	498.606	1477.648	0.29544	0.503129	277.9756	68.29623	0.810888	100	1.2
1856.384	1211.884	323.6101	21.76056	0.335811	1.944804	498.1139	1467.179	0.298847	0.513608	258.8127	63.21004	0.750462	100	1.1
1856.536	1212.036	323.6147	21.76192	0.34754	1.815768	496.6586	1458.274	0.310249	0.538759	208.3681	51.94301	0.616664	100	0.6
1856.689	1212.189	323.6193	21.76327	0.334354	2.020181	499.4527	1467.819	0.297485	0.51222	262.607	64.17349	0.761826	100	1.1
1856.841	1212.341	323.6239	21.83453	0.361563	1.542925	501.9067	1501.128	0.323935	0.5648	153.5463	42.1234	0.498497	100	0.1
1856.993	1212.493	323.6285	21.84314	0.367252	1.461681	504.4742	1544.237	0.329503	0.573936	133.2543	38.98957	0.461241	93	0
1857.146	1212.646	323.6332	21.67896	0.369298	1.439242	505.2854	1583.488	0.331522	0.576359	127.1242	38.08991	0.453885	90.2	0
1857.298	1212.798	323.6378	21.60188	0.335672	1.979393	505.5864	1604.708	0.29886	0.50724	267.5817	65.46757	0.782809	100	1.2
1857.451	1212.951	323.6424	21.64609	0.356969	1.67875	505.7175	1604.353	0.319563	0.553107	175.7155	45.84044	0.547052	100	0.3
1857.603	1213.103	323.647	21.64744	0.355376	1.687958	506.1885	1597.427	0.318038	0.551502	180.0355	46.60297	0.556124	100	0.3
1857.755	1213.255	323.6516	21.69326	0.353702	1.712659	507.3964	1586.335	0.316435	0.547979	187.1084	47.87985	0.570206	100	0.4
1857.908	1213.408	323.6563	21.69994	0.342168	1.828526	509.1138	1583.37	0.305258	0.524509	234.9214	57.55051	0.685179	100	0.8
1858.06	1213.56	323.6609	21.70129	0.353317	1.720279	510.3214	1584.158	0.31611	0.547551	188.1481	48.07058	0.572285	100	0.4
1858.213	1213.713	323.6655	21.70264	0.354593	1.777392	509.9995	1585.677	0.317376	0.550741	181.9985	46.95379	0.558963	100	0.3

1858.365	1213.865	323.6701	21.64563	0.364416	1.675184	507.8643	1575.209	0.326962	0.571961	139.487	39.92622	0.476513	100	0
1858.517	1214.017	323.6747	21.65854	0.373376	1.639296	505.9558	1558.695	0.335723	0.590688	101.5539	34.55678	0.412197	85.6	0
1858.67	1214.17	323.6794	21.67778	0.353886	1.890322	504.3872	1544.682	0.316763	0.552544	180.3563	46.66013	0.556098	100	0.4
1858.822	1214.322	323.684	21.6413	0.341411	2.015747	503.6117	1532.024	0.304673	0.52754	231.5472	56.80146	0.678068	100	0.8
1858.975	1214.475	323.6886	21.60584	0.351011	1.812852	503.1763	1523.639	0.314018	0.547321	191.3529	48.6635	0.581845	100	0.4
1859.127	1214.627	323.6932	21.60719	0.367711	1.460114	502.6275	1514.004	0.330296	0.58072	122.7972	37.46749	0.447958	89.9	0
1859.279	1214.779	323.6978	21.68051	0.361847	1.567594	501.229	1494.259	0.324608	0.571156	143.8454	40.59467	0.483771	100	0
1859.432	1214.932	323.7024	21.68186	0.351465	1.672751	499.7171	1466.904	0.314533	0.552193	183.9187	47.29958	0.563647	100	0.3
1859.584	1215.084	323.707	21.68321	0.331488	2.058579	497.1853	1432.668	0.29518	0.510214	268.5572	65.72564	0.783183	100	1.2
1859.737	1215.237	323.7117	21.68456	0.31172	2.577388	494.7669	1412.192	0.276107	0.465741	356.2502	101.4891	1.209278	100	2.9
1859.889	1215.389	323.7163	21.61351	0.351003	1.851199	492.9149	1406.83	0.314158	0.543543	196.3726	49.60762	0.592969	100	0.5
1860.041	1215.541	323.7209	21.64562	0.34721	1.793663	492.9894	1414.08	0.310498	0.532444	216.7398	53.64266	0.640292	100	0.6
1860.194	1215.694	323.7255	21.62936	0.363639	1.420531	494.6502	1419.246	0.326502	0.567282	146.579	41.01969	0.489981	98.4	0
1860.346	1215.846	323.7301	21.59583	0.332772	1.752529	496.651	1421.493	0.296547	0.506505	271.7878	66.59088	0.796627	100	1.1
1860.499	1215.999	323.7348	21.62991	0.337898	1.648375	498.6519	1417.07	0.301538	0.51919	247.3949	60.42304	0.721752	100	0.9
1860.651	1216.151	323.7394	21.70191	0.334531	1.686536	500.3127	1400.243	0.2983	0.513174	260.1656	63.55133	0.756702	100	1
1860.803	1216.303	323.744	21.80792	0.356466	1.40779	502.2569	1357.775	0.319618	0.552711	176.1858	45.92283	0.544248	100	0.2
1860.956	1216.456	323.7486	21.86112	0.318724	1.837577	503.5213	1298.315	0.283063	0.467864	343.7212	93.5638	1.106275	100	2.3
1861.108	1216.608	323.7532	21.91613	0.286701	2.361535	501.8394	1249.381	0.252275	0.385126	500.3861	418.7908	4.939782	100	16.2
1861.261	1216.761	323.7579	21.94385	0.294602	1.936828	498.8545	1244.539	0.259881	0.401647	467.0911	343.0176	4.041141	100	12.6
1861.413	1216.913	323.7625	21.97289	0.312864	1.608049	495.9826	1301.819	0.277482	0.447705	379.2413	122.6125	1.442697	100	3.3
1861.565	1217.065	323.7671	22.00417	0.348204	1.134215	490.675	1396.939	0.311712	0.526466	223.3149	55.02033	0.646509	100	0.4
1861.718	1217.218	323.7717	22.00554	0.3535	1.238529	488.1429	1486.743	0.316882	0.539822	197.7485	49.86974	0.585958	100	0.2
1861.87	1217.37	323.7763	22.07955	0.364305	1.173002	485.7811	1536.628	0.327422	0.564015	149.8171	41.52896	0.48639	91.4	0
1862.023	1217.523	323.7809	22.01488	0.370821	1.197661	483.5893	1528.454	0.3338	0.578905	120.4678	37.13665	0.436179	80.9	0
1862.175	1217.675	323.7856	21.90567	0.360568	1.388189	481.2841	1500.16	0.323833	0.56023	159.9935	43.17156	0.509495	100	0
1862.327	1217.827	323.7902	21.86779	0.35128	1.515498	480.112	1445.809	0.314823	0.538965	201.7717	50.64465	0.598692	100	0.4
1862.48	1217.98	323.7948	21.95561	0.352068	1.484825	479.9031	1407.612	0.315614	0.53832	201.5725	50.60597	0.59594	100	0.4
1862.632	1218.132	323.7994	21.98691	0.338446	1.569834	481.2807	1376.918	0.302416	0.51178	256.4098	62.60991	0.736298	100	0.9
1862.785	1218.285	323.804	21.98598	0.335544	1.581244	483.2815	1369.471	0.299628	0.507203	266.5732	65.20229	0.766824	100	1
1862.937	1218.437	323.8086	21.98496	0.330694	1.588422	487.0953	1384.746	0.294956	0.494665	290.3223	71.91442	0.84581	100	1.3
1863.089	1218.589	323.8132	21.98641	0.348341	1.345024	490.9092	1430.353	0.312091	0.529791	218.2027	53.94585	0.634442	100	0.4
1863.242	1218.742	323.8179	22.05645	0.333117	1.419799	495.3463	1468.144	0.297351	0.4951	286.4173	70.73609	0.829378	100	1.1
1863.394	1218.894	323.8225	22.0579	0.323233	1.52049	499.5567	1494.052	0.287814	0.470862	333.0274	88.00747	1.03183	100	1.9
1863.547	1219.047	323.8271	22.05936	0.320022	1.55282	503.2007	1496.926	0.284736	0.46475	345.7084	94.70553	1.110302	100	2.2
1863.699	1219.199	323.8317	22.14549	0.334671	1.435292	504.0685	1488.54	0.29893	0.498437	279.6331	68.76448	0.803173	100	1
1863.851	1219.351	323.8363	22.13441	0.353587	1.259257	502.7834	1469.106	0.317313	0.540372	196.3947	49.61181	0.579753	100	0.2
1864.004	1219.504	323.841	22.11649	0.355689	1.317029	501.7812	1463.117	0.319382	0.546535	185.0348	47.50179	0.555534	100	0.2
1864.156	1219.656	323.8456	22.15896	0.359371	1.325352	501.9122	1470.47	0.322988	0.553849	169.9643	44.8451	0.523504	100	0.1
1864.309	1219.809	323.8502	22.20046	0.361396	1.30219	503.7997	1486.058	0.324985	0.557999	161.4825	43.41738	0.505933	99.7	0
1864.461	1219.961	323.8548	22.20192	0.359357	1.324532	509.0865	1502.063	0.323024	0.558312	163.7563	43.79552	0.510313	100	0
1864.613	1220.113	323.8594	22.12521	0.346588	1.432231	516.5832	1510.251	0.310636	0.536856	210.4615	52.36246	0.612173	100	0.4
1864.766	1220.266	323.8641	22.12667	0.344442	1.465012	525.496	1489.983	0.308578	0.528633	224.6487	55.30457	0.646536	100	0.5
1864.918	1220.418	323.8687	22.12813	0.34533	1.455414	529.8768	1438.966	0.309464	0.526357	226.5665	55.71616	0.651313	100	0.5
1865.071	1220.571	323.8733	22.12959	0.361546	1.252157	527.1188	1350.321	0.325255	0.551413	170.1982	44.88514	0.524672	100	0
1865.223	1220.723	323.8779	22.13105	0.359259	1.20593	518.2981	1270.846	0.323053	0.5383	191.3326	48.65972	0.568764	100	0.1
1865.375	1220.875	323.8825	22.18154	0.328907	1.404479	507.4378	1242.339	0.293622	0.469756	326.5388	85.03598	0.99179	100	1.7
1865.528	1221.028	323.8871	22.23496	0.321041	1.395624	499.41	1268.765	0.286041	0.449259	365.2859	108.5305	1.262905	100	2.6
1865.68	1221.18	323.8918	22.30883	0.321398	1.345294	496.0281	1325.003	0.286411	0.457244	353.756	99.76158	1.15719	100	2.2
1865.833	1221.333	323.8964	22.3103	0.340066	1.236337	495.5359	1368.736	0.304505	0.505604	262.0499	64.03079	0.742689	100	0.8
1865.985	1221.485	323.901	22.28118	0.349667	1.201522	497.0266	1396.728	0.313849	0.535551	207.8286	51.83548	0.601997	100	0.3
1866.137	1221.637	323.9056	22.20519	0.347701	1.330409	498.8576	1409.711	0.311963	0.540564	203.513	50.98398	0.594058	100	0.3
1866.29	1221.79	323.9102	22.18554	0.35024	1.400717	499.8952	1423.213	0.314455	0.547973	189.8492	48.38436	0.564253	100	0.2
1866.442	1221.942	323.9148	22.15549	0.342166	1.535344	500.3095	1433.276	0.30664	0.534093	219.7879	54.27652	0.633798	100	0.5
1866.595	1222.095	323.9195	22.12872	0.338262	1.554782	500.8939	1447.613	0.302879	0.52568	236.5891	57.92498	0.677195	100	0.7
1866.747	1222.247	323.9241	22.08423	0.334101	1.656647	501.025	1455.592	0.298872	0.516594	254.6572	62.1769	0.728317	100	0.9
1866.899	1222.399	323.9287	22.07619	0.344348	1.583236	500.8163	1458.255	0.308832	0.532827	218.5104	54.00987	0.63288	100	0.5
1867.052	1222.552	323.9333	22.10374	0.342625	1.630815	500.6075	1450.806	0.307184	0.524414	232.3952	56.98864	0.666992	100	0.7
1867.204	1222.704	323.9379	22.10678	0.332284	1.93082	500.5118	1441.585	0.297187	0.501998	277.1253	68.05794	0.79645	100	1.2
1867.357	1222.857	323.9426	22.17859	0.335805	1.970519	500.4164	1439.975	0.300621	0.508929	262.822	64.22868	0.749309	100	1.1
1867.509	1223.009	323.9472	22.22312	0.344907	1.884497	500.2075	1445.554	0.309473	0.528997	222.911	54.93457	0.639655	100	0.7
1867.661	1223.161	323.9518	22.26688	0.356855	1.707934	499.7721	1447.175	0.321109	0.554341	171.8796	45.17408	0.525018	100	0.2
1867.814	1223.314	323.9564	22.26834	0.351683	1.726688	499.4499	1444.416	0.316104	0.543722	193.4411	49.05394	0.57008	100	0.4
1867.966	1223.466	323.961	22.23766	0.358649	1.674093	499.1277	1434.987	0.322903	0.557461	165.0984	44.02028	0.512264	100	0.2
1868.119	1223.619	323.9657	22.23402	0.352948	1.764173	498.5222	1433.271	0.317382	0.541471	194.7826	49.3065	0.573876	100	0.4
1868.271	1223.771	323.9703	22.23064	0.358279	1.682771	498.1434	1435.933	0.322592	0.547538	179.2206	46.45814	0.540809	100	0.2
1868.423	1223.923	323.9749	22.23202	0.360251	1.586761	498.2747	1445.682	0.324536	0.553893	167.767	44.4707	0.517648	100	0.1
1868.576	1224.076	323.9795	22.12166	0.349088	1.681593	500.3886	1450.846	0.313705	0.533875	210.3392	52.33786	0.612147	100	0.5
1868.728	1224.228	323.9841	22.20536	0.352182	1.632105	504.8256	1449.338	0.316736	0.546368	188.9162	48.212	0.561856	100	0.3
1868.881	1224.381	323.9887	22.08758	0.317581	2.23785	510.1692	1434.802	0.283243	0.481181	325.0954	84.4091	0.988739	100	2
1869.033	1224.533	323.9933	22.08795	0.324961	2.073932	514.663	1392.331	0.290396	0.498564	291.2344	72.19457	0.845658	100	1.5
1869.185	1224.685	323.998	21.98939	0.327454	1.902533	514.9643	1333.078	0.292833	0.504823	279.2344	68.65139	0.807626	100	1.3
1869.338	1224.838	324.0026	22.03035	0.337191	1.514891	510.9028	1266.735	0.302285	0.517124	249.2153	60.85673	0.714657	100	0.8
1869.49	1224.99	324.0072	21.97915	0.344035	1.267308	502.8754	1241.251	0.308947	0.52252	232.575	57.02842	0.671207	100	0.5
1869.643	1225.143	324.0118	21.98056	0.349447	1.152167	495.471	1256.523	0.314227	0.526766	219.4308	54.20182	0.637906	100	0.4
1869.795	1225.295	324.0164	21.98196	0.365373	1.021142	490.6728	1293.164	0.329746	0.553164	161.5839	43.43418	0.511155	91.8	0
1869.947	1225.447	324.021	21.98337	0.343635	1.22658	490.0671	1324.491	0.308633	0.51598	242.035	59.16804	0.696283	100	0.6
1870.1	1225.6	324.0257	21.98477	0.336943	1.412148	492.4643	1348.312	0.302167	0.512265	256.0838	62.52908	0.735798	100	0.8
1870.252	1225.752	324.0303	21.98617	0.33575	1.573776	495.7682	1365.775	0.301036	0.515455	253.2419	61.83006	0.727535	100	0.9
1870.405	1225.905	324.0349	21.98758	0.34678	1.478716	499.582	1384.281	0.311759	0.542717	200.823	50.46077	0.593726	100	0.4

1870.557	1226.057	324.0395	21.98898	0.342964	1.64144	501.8096	1397.052	0.30808	0.536029	215.1289	53.31097	0.62723	100	0.5
1870.709	1226.209	324.0441	22.00939	0.326185	1.914669	503.3572	1397.943	0.291851	0.502298	284.0745	70.04483	0.823386	100	1.3
1870.862	1226.362	324.0488	21.92086	0.327984	1.908159	501.272	1383.927	0.293616	0.505104	277.766	68.23737	0.805263	100	1.3
1871.014	1226.514	324.0534	21.84346	0.338222	1.698764	492.5075	1360.112	0.303555	0.525077	236.4878	57.90216	0.685634	100	0.8
1871.167	1226.667	324.058	21.74523	0.318517	1.949889	475.4253	1319.517	0.284516	0.502086	294.4892	73.21052	0.870683	100	1.6
1871.319	1226.819	324.0626	21.77124	0.290847	2.214397	463.7369	1270.581	0.257905	0.465957	381.0711	124.8359	1.482965	100	4
1871.471	1226.971	324.0672	21.77263	0.244222	3.149053	462.9116	1223.001	0.213439	0.396646	538.0835	492.0388	5.844786	100	23.1
1871.624	1227.124	324.0719	21.77402	0.236181	2.683745	469.0281	1217.216	0.205845	0.40933	531.0578	479.2574	5.692669	100	23.2
1871.776	1227.276	324.0765	21.77541	0.259781	1.962784	478.1866	1256.357	0.228276	0.443209	453.3507	308.0862	3.659295	100	12.9
1871.929	1227.429	324.0811	21.84705	0.322982	1.027484	481.8914	1313.846	0.288952	0.545274	228.7684	56.19302	0.665333	100	0.5
1872.081	1227.581	324.0857	21.86418	0.331199	1.18087	484.2534	1373.627	0.296924	0.544052	219.4526	54.20638	0.641334	100	0.5
1872.233	1227.733	324.0903	21.8441	0.342963	1.359783	486.0844	1402.453	0.30835	0.548777	197.1649	49.75838	0.589235	100	0.3
1872.386	1227.886	324.0949	21.82045	0.351866	1.424506	487.6884	1415.225	0.31702	0.560407	169.1513	44.7062	0.529965	100	0.1
1872.538	1228.038	324.0996	21.74643	0.34993	1.431323	488.4994	1422.263	0.315163	0.553527	181.2078	46.81215	0.556754	100	0.2
1872.691	1228.191	324.1042	21.74781	0.333651	1.625835	488.574	1424.716	0.299396	0.518453	251.3682	61.37471	0.729916	100	0.9
1872.843	1228.343	324.1088	21.7492	0.334038	1.667174	487.8552	1436.548	0.299796	0.516848	253.0321	61.77886	0.734685	100	0.9
1872.995	1228.495	324.1134	21.75059	0.330704	1.753161	486.4	1448.799	0.296592	0.511887	264.2998	64.60981	0.768312	100	1.1
1873.148	1228.648	324.118	21.67312	0.321903	1.945554	484.1514	1456.88	0.288105	0.496568	297.151	74.06105	0.883743	100	1.6
1873.3	1228.8	324.1226	21.64438	0.31672	2.057827	483.4892	1459.956	0.283126	0.482304	323.7074	83.81696	1.001447	100	2
1873.453	1228.953	324.1273	21.71923	0.308638	2.214791	484.0735	1459.491	0.275357	0.459409	366.0236	109.1673	1.300016	100	3.1
1873.605	1229.105	324.1319	21.79589	0.290289	2.620602	486.7541	1458.607	0.257738	0.412059	455.68	314.174	3.728704	100	11.9
1873.757	1229.257	324.1365	21.74628	0.298938	2.343455	489.718	1458.141	0.26607	0.429347	420.3251	213.4261	2.53859	100	7.4
1873.91	1229.41	324.1411	21.84356	0.324788	1.877432	493.4185	1458.299	0.291017	0.487968	305.0007	76.68394	0.908213	100	1.6
1874.062	1229.562	324.1457	21.6673	0.333162	1.845473	496.5524	1458.874	0.299144	0.506407	268.3399	65.66802	0.783845	100	1.1
1874.215	1229.715	324.1504	21.73617	0.33954	1.698304	498.7799	1462.629	0.305349	0.519571	241.611	59.0701	0.702945	100	0.8
1874.367	1229.867	324.155	21.65246	0.335161	1.76066	499.6476	1471.49	0.301129	0.50991	260.7658	63.70351	0.760915	100	1
1874.519	1230.019	324.1596	21.74943	0.338528	1.592912	498.9288	1480.822	0.304417	0.518663	244.1499	59.65938	0.709556	100	0.8
1874.672	1230.172	324.1642	21.70454	0.334449	1.694417	497.1336	1489.944	0.300488	0.512551	258.0063	63.00781	0.750881	100	1
1874.824	1230.324	324.1688	21.83823	0.329116	1.726332	496.4715	1483.171	0.29535	0.505	275.517	67.61077	0.800994	100	1.2
1874.977	1230.477	324.1735	21.92068	0.323163	1.914034	496.2059	1503.811	0.289618	0.496586	295.0388	73.38462	0.86626	100	1.5
1875.129	1230.629	324.1781	22.00458	0.309751	2.236773	496.9602	1519.396	0.276699	0.467265	353.3297	99.47454	1.169941	100	2.7
1875.281	1230.781	324.1827	21.99941	0.340361	1.774827	498.4511	1542.799	0.306317	0.529627	226.3969	55.67962	0.655014	100	0.7
1875.434	1230.934	324.1873	22.08249	0.339411	1.833366	501.4149	1558.488	0.30542	0.525625	233.1586	57.15776	0.669978	100	0.8
1875.586	1231.086	324.1919	21.99052	0.34622	1.779677	503.6989	1563.232	0.312051	0.537542	207.5614	51.78232	0.609416	100	0.5
1875.739	1231.239	324.1965	21.99188	0.317984	2.24912	505.1899	1554.323	0.284739	0.473985	332.9618	87.9761	1.035324	100	2.2
1875.891	1231.391	324.2011	22.01603	0.354868	1.686846	506.2276	1531.654	0.320503	0.547375	182.3288	47.01307	0.552683	100	0.3
1876.043	1231.543	324.2058	22.06582	0.353874	1.655557	507.1518	1494.184	0.319562	0.543852	188.4895	48.13339	0.564632	100	0.3
1876.196	1231.696	324.2104	22.09598	0.361918	1.454923	507.8496	1451.918	0.327414	0.559893	155.5172	42.44105	0.49721	100	0
1876.348	1231.848	324.215	22.17478	0.33159	1.763219	508.6037	1404.335	0.29799	0.502761	274.9644	67.45817	0.787602	100	1.1
1876.501	1232.001	324.2196	22.20133	0.313093	1.980228	509.5281	1371.033	0.280142	0.471619	342.5712	92.92026	1.083648	100	2.3
1876.653	1232.153	324.2242	22.20462	0.303016	2.168921	509.7158	1353.783	0.270459	0.4516	383.5579	128.028	1.492882	100	3.8
1876.805	1232.305	324.2288	22.15137	0.297221	2.10502	508.7138	1358.631	0.26491	0.43772	410.3698	180.6028	2.110821	100	6
1876.958	1232.458	324.2335	22.09739	0.29871	1.954789	506.9185	1371.505	0.266366	0.43928	406.2085	169.568	1.986523	100	5.5
1877.11	1232.61	324.2381	22.04874	0.310673	1.463615	505.463	1389.59	0.277906	0.464144	355.9707	101.2913	1.189178	100	2.5
1877.263	1232.763	324.2427	21.94226	0.324885	1.163593	503.2147	1401.943	0.291651	0.495817	293.2944	72.83459	0.85909	100	1.2
1877.415	1232.915	324.2473	22.01693	0.318926	1.24659	501.306	1402.935	0.285917	0.485006	316.1264	80.75113	0.949369	100	1.6
1877.567	1233.067	324.2519	22.04426	0.318434	1.338327	498.2076	1401.008	0.285467	0.487621	313.1391	79.61322	0.934885	100	1.5
1877.72	1233.22	324.2566	22.04562	0.320921	1.381322	496.4122	1404.084	0.287894	0.49714	296.6535	73.90068	0.867761	100	1.3
1877.872	1233.372	324.2612	22.03688	0.327033	1.340328	494.9569	1416.541	0.293825	0.508194	273.2128	66.97786	0.78678	100	1
1878.025	1233.525	324.2658	22.03824	0.318106	1.483408	494.3513	1432.542	0.285224	0.48482	317.3402	81.2242	0.954083	100	1.7
1878.177	1233.677	324.2704	22.02406	0.315335	1.604315	493.9725	1443.018	0.282574	0.474392	335.3871	89.15679	1.047921	100	2
1878.329	1233.829	324.275	22.08497	0.325785	1.591081	492.6872	1451.203	0.292692	0.492926	295.8467	73.64201	0.863279	100	1.4
1878.482	1233.982	324.2797	22.23915	0.321991	1.658929	492.9881	1449.275	0.289049	0.486239	310.1027	78.49258	0.91402	100	1.6
1878.634	1234.134	324.2843	22.211	0.329742	1.670515	494.8754	1445.055	0.296569	0.507075	270.9717	66.37073	0.773814	100	1.1
1878.787	1234.287	324.2889	22.22309	0.321939	1.831232	496.1398	1442.189	0.289048	0.491373	303.0197	76.00477	0.885683	100	1.5
1878.939	1234.439	324.2935	22.12518	0.329098	1.787976	496.4974	1440.782	0.295995	0.505399	274.0764	67.21402	0.786583	100	1.2
1879.091	1234.591	324.2981	22.21657	0.322356	1.852148	495.6089	1440.94	0.2895	0.489505	304.9721	76.67406	0.893753	100	1.6
1879.244	1234.744	324.3027	22.20164	0.326768	1.727452	493.3036	1441.513	0.29379	0.497107	288.5623	71.37915	0.832579	100	1.3
1879.396	1234.896	324.3073	22.22612	0.326673	1.680597	490.3751	1442.712	0.293723	0.498763	286.3703	70.72209	0.824051	100	1.3
1879.549	1235.049	324.312	22.28	0.32575	1.721387	487.2767	1438.7	0.292855	0.500706	284.8857	70.28288	0.81704	100	1.3
1879.701	1235.201	324.3166	22.43004	0.331246	1.630019	485.4246	1418.74	0.298196	0.512623	261.0696	63.78076	0.736699	100	0.9
1879.853	1235.353	324.3212	22.50131	0.343257	1.458379	483.5728	1372.931	0.309862	0.535569	213.3051	52.93813	0.60961	100	0.4
1880.006	1235.506	324.3258	22.40384	0.357152	1.176223	481.7774	1311.381	0.323386	0.562543	157.4172	42.74957	0.494343	95.5	0
1880.158	1235.658	324.3304	22.40505	0.349878	1.224019	480.8885	1267.027	0.31634	0.547896	187.3556	47.92512	0.554169	100	0.2
1880.311	1235.811	324.3351	22.40732	0.335801	1.296381	481.9261	1259.782	0.302706	0.52337	240.0151	58.70331	0.67874	100	0.6
1880.463	1235.963	324.3397	22.40829	0.322411	1.364619	484.3233	1287.872	0.289773	0.502777	286.2807	70.69546	0.817371	100	1.2
1880.615	1236.115	324.3443	22.5002	0.313509	1.48925	485.2477	1331.807	0.281205	0.486883	320.0395	82.29972	0.947818	100	1.7
1880.768	1236.268	324.3489	22.41832	0.31611	1.372273	486.8518	1368.133	0.283738	0.491799	309.7588	78.36782	0.905707	100	1.5
1880.92	1236.42	324.3535	22.51486	0.307616	1.437624	488.2292	1381.737	0.275573	0.471206	349.4455	96.96204	1.116006	100	2.3
1881.073	1236.573	324.3582	22.50146	0.325185	1.222751	489.8335	1375.953	0.292553	0.504317	280.3191	68.95976	0.794169	100	1
1881.225	1236.725	324.3628	22.56471	0.321387	1.311903	488.7181	1360.683	0.288907	0.500219	291.0069	72.12453	0.828392	100	1.2
1881.377	1236.877	324.3674	22.57256	0.330671	1.200875	487.4895	1342.077	0.297909	0.52796	240.3017	58.76899	0.674777	100	0.6
1881.53	1237.03	324.372	22.58286	0.306173	1.473709	486.0341	1327.119	0.274281	0.485788	331.1037	87.0988	0.99963	100	1.9
1881.682	1237.182	324.3766	22.5283	0.322751	1.214792	484.352	1319.77	0.290298	0.524654	255.3662	62.35161	0.717276	100	0.8
1881.835	1237.335	324.3813	22.57618	0.313385	1.317536	484.3698	1317.424	0.281281	0.505979	293.5823	72.92484	0.83721	100	1.3
1881.987	1237.487	324.3859	22.5351	0.33895	1.086997	484.3875	1319.665	0.306027	0.550982	197.328	49.78948	0.572611	100	0.2
1882.139	1237.639	324.3905	22.67777	0.3154	1.333392	483.3288	1324.408	0.283273	0.500275	298.7027	74.56551	0.852388	100	1.3
1882.292	1237.792	324.3951	22.70109	0.341252	1.168176	480.8535	1331.443	0.308308	0.547868	198.4779	50.0093	0.57112	100	0.2
1882.444	1237.944	324.3997	22.71203	0.334419	1.250602	476.0555	1329.515	0.301709	0.537536	221.8423	54.7084	0.624503	100	0.5
1882.597	1238.097	324.4043	22.70781	0.314611	1.439093	474.8267	1318.623	0.282585	0.507736	289.3565	71.61982	0.817703	100	1.3

1882.749	1238.249	324.4089	22.57878	0.285697	1.704038	475.8074	1307.938	0.254805	0.456166	398.8597	153.1009	1.757583	100	4.9
1882.901	1238.401	324.4136	22.50392	0.283527	1.696088	478.7713	1308.302	0.25275	0.456384	401.3958	158.3909	1.82413	100	5.2
1883.054	1238.554	324.4182	22.58105	0.279183	1.747621	482.3583	1319.506	0.248615	0.444134	424.0076	224.9931	2.582704	100	8
1883.206	1238.706	324.4228	22.66215	0.275876	1.951112	484.0759	1333.42	0.245475	0.42565	453.8474	309.3902	3.539354	100	11.7
1883.359	1238.859	324.4274	22.61786	0.299185	1.585159	485.0569	1339.832	0.267851	0.468639	363.6438	107.1495	1.228079	100	2.8
1883.511	1239.011	324.432	22.63523	0.307893	1.510176	485.4145	1342.072	0.276256	0.483146	332.0259	87.53136	1.002501	100	1.9
1883.663	1239.163	324.4366	22.57558	0.316887	1.420435	486.3388	1339.935	0.284953	0.50005	296.696	73.91436	0.848698	100	1.3
1883.816	1239.316	324.4413	22.50109	0.323697	1.355571	486.8098	1335.713	0.291554	0.514077	268.2287	65.63855	0.756074	100	1
1883.968	1239.468	324.4459	22.56285	0.319091	1.410934	487.7341	1325.236	0.28713	0.506238	285.1524	70.36146	0.808356	100	1.2
1884.121	1239.621	324.4505	22.47924	0.314199	1.541151	488.0919	1318.721	0.282433	0.499071	301.5243	75.50007	0.870495	100	1.5
1884.273	1239.773	324.4551	22.50574	0.309714	1.540747	488.1095	1315.124	0.278132	0.490274	319.5999	82.12225	0.945787	100	1.7
1884.425	1239.925	324.4597	22.46699	0.302819	1.618807	487.5607	1323.826	0.271517	0.473708	351.5888	98.32605	1.134288	100	2.5
1884.578	1240.078	324.4644	22.46838	0.31576	1.37852	486.4453	1334.613	0.284011	0.497421	301.623	75.53317	0.871307	100	1.4
1884.73	1240.23	324.469	22.54128	0.331431	1.217842	485.1598	1341.022	0.299182	0.525162	242.4056	59.25377	0.681404	100	0.6
1884.883	1240.383	324.4736	22.54267	0.348492	1.059317	483.7044	1343.263	0.31575	0.557219	175.3026	45.76823	0.526298	100	0
1885.035	1240.535	324.4782	22.49394	0.34057	1.166977	481.5691	1343.835	0.308086	0.542379	206.358	51.54363	0.593948	100	0.3
1885.187	1240.687	324.4828	22.32953	0.33622	1.219145	480.5104	1344.617	0.303894	0.534637	222.8279	54.91695	0.637297	100	0.5
1885.34	1240.84	324.4875	22.50673	0.326578	1.32093	480.1881	1348.107	0.294585	0.516345	260.9174	63.74205	0.734128	100	0.9
1885.492	1240.992	324.4921	22.4239	0.33175	1.250057	482.0188	1352.64	0.299613	0.525769	240.9738	58.92333	0.681042	100	0.6
1885.645	1241.145	324.4967	22.34143	0.32245	1.418933	482.7164	1361.551	0.290643	0.503257	284.4184	70.14559	0.813631	100	1.2
1885.797	1241.297	324.5013	22.25941	0.329805	1.390295	486.6433	1368.168	0.29778	0.514407	259.1822	63.30302	0.736869	100	0.9
1885.949	1241.449	324.5059	22.1778	0.336184	1.441009	489.3241	1373.015	0.303981	0.523064	238.678	58.39808	0.682184	100	0.7
1886.102	1241.602	324.5105	22.17917	0.35105	1.357479	491.0415	1377.026	0.318431	0.552723	177.8078	46.20813	0.53976	100	0.2
1886.254	1241.754	324.5151	22.18053	0.348426	1.389582	491.3992	1374.47	0.315906	0.552077	182.1843	46.98713	0.548832	100	0.2
1886.407	1241.907	324.5198	22.19648	0.356317	1.282722	491.417	1373.896	0.323601	0.570132	146.6489	41.03061	0.478931	95.4	0
1886.559	1242.059	324.5244	22.11408	0.346183	1.397189	491.718	1379.992	0.313777	0.550497	187.3017	47.91526	0.561302	100	0.3
1886.711	1242.211	324.529	22.0421	0.353978	1.354984	492.6423	1398.805	0.321375	0.564524	157.4587	42.75634	0.502446	100	0
1886.864	1242.364	324.5336	22.09374	0.343369	1.584539	494.4729	1420.848	0.311095	0.540286	205.0942	51.29422	0.601429	100	0.5
1887.016	1242.516	324.5382	22.14997	0.353578	1.526147	496.4169	1439.036	0.321034	0.560163	163.947	43.82739	0.512631	100	0.1
1887.169	1242.669	324.5429	22.17893	0.324521	1.932325	497.3979	1447.113	0.292888	0.505525	278.1906	68.35669	0.798545	100	1.3
1887.321	1242.821	324.5475	22.19576	0.334306	1.852035	497.7555	1448.102	0.302381	0.528662	233.1607	57.15822	0.667245	100	0.8
1887.473	1242.973	324.5521	22.11324	0.333963	1.76418	497.7734	1443.88	0.302074	0.529647	232.2256	56.95115	0.667219	100	0.8
1887.626	1243.126	324.5567	22.14858	0.32658	1.881584	496.4313	1432.359	0.294952	0.513657	264.1199	64.56323	0.755247	100	1.1
1887.778	1243.278	324.5613	22.19087	0.312423	2.063463	493.7295	1422.507	0.281305	0.478007	332.1493	87.58965	1.022739	100	2.1
1887.931	1243.431	324.566	22.23715	0.328649	1.88423	488.5349	1410.675	0.297002	0.506515	271.1468	66.41788	0.773984	100	1.2
1888.083	1243.583	324.5706	22.29249	0.33712	1.747932	486.5127	1405.721	0.30523	0.51872	242.95	59.38	0.690327	100	0.8
1888.235	1243.735	324.5752	22.34306	0.354173	1.50915	486.8136	1400.352	0.321809	0.549242	177.9504	46.23332	0.536326	100	0.2
1888.388	1243.888	324.5798	22.26949	0.351288	1.545059	488.7575	1391.75	0.319028	0.539965	194.5898	49.27012	0.573374	100	0.3
1888.54	1244.04	324.5844	22.20271	0.335933	1.748575	490.5883	1375.331	0.304153	0.506808	260.8744	63.73111	0.743813	100	1
1888.693	1244.193	324.589	22.24892	0.323756	1.97007	491.0027	1356.202	0.292392	0.484393	308.0373	77.74963	0.905623	100	1.6
1888.845	1244.345	324.5937	22.1647	0.329229	1.814192	490.2838	1343.327	0.297709	0.50005	279.0926	68.61123	0.802106	100	1.2
1888.997	1244.497	324.5983	22.08436	0.325277	1.870764	488.2621	1336.601	0.293912	0.494705	291.7092	72.3412	0.848679	100	1.4
1889.15	1244.65	324.6029	22.08572	0.339187	1.542691	486.4666	1339.882	0.307404	0.526857	228.7201	56.18251	0.659079	100	0.6
1889.302	1244.802	324.6075	22.08707	0.330142	1.54693	486.1442	1355.983	0.298666	0.510867	262.8443	64.23443	0.7535	100	1
1889.455	1244.955	324.6121	22.08843	0.346648	1.311962	486.7286	1364.06	0.314692	0.545705	192.6535	48.9063	0.573666	100	0.3
1889.607	1245.107	324.6167	22.08979	0.347285	1.341117	489.1257	1380.682	0.315335	0.54525	192.3928	48.85754	0.573066	100	0.3
1889.759	1245.259	324.6213	22.09115	0.337962	1.515865	490.22	1400.849	0.306313	0.524849	232.9962	57.12173	0.669967	100	0.7
1889.912	1245.412	324.626	22.09251	0.333113	1.681146	491.7675	1420.078	0.30164	0.513845	254.6307	62.17039	0.729146	100	0.9
1890.064	1245.564	324.6306	22.09387	0.346732	1.580191	493.7114	1442.329	0.314871	0.541107	198.7515	50.06174	0.587105	100	0.4
1890.217	1245.717	324.6352	22.09523	0.346404	1.663933	495.3156	1439.567	0.314576	0.540269	200.3133	50.36229	0.590601	100	0.4
1890.369	1245.869	324.6398	22.09659	0.32869	2.026806	496.4666	1423.564	0.297432	0.50577	271.5819	66.53524	0.780224	100	1.2
1890.521	1246.021	324.6444	22.19288	0.317521	2.053737	495.5211	1398.077	0.286662	0.489204	309.3048	78.20377	0.913238	100	1.7
1890.674	1246.174	324.6491	22.12648	0.313913	2.10555	492.0828	1382.177	0.283205	0.488558	314.9666	80.30501	0.940491	100	1.9
1890.826	1246.326	324.6537	22.12784	0.322844	1.921372	487.9077	1376.806	0.291852	0.513326	268.8551	65.80472	0.770634	100	1.2
1890.979	1246.479	324.6583	22.1292	0.335242	1.676062	483.9028	1371.331	0.303872	0.541259	213.7191	53.02251	0.620912	100	0.6
1891.131	1246.631	324.6629	22.13056	0.337711	1.615252	481.0309	1364.604	0.30629	0.543682	207.0395	51.67866	0.605146	100	0.5
1891.283	1246.783	324.6675	22.13193	0.323608	1.721635	479.972	1349.541	0.292663	0.513498	267.4973	65.44529	0.766313	100	1.1
1891.436	1246.936	324.6722	22.10513	0.308143	2.024441	479.593	1355.113	0.277764	0.48015	334.0785	88.51458	1.037655	100	2.2
1891.588	1247.088	324.6768	22.03693	0.311591	1.733478	482.0469	1368.504	0.281112	0.485833	321.6156	82.94349	0.975251	100	1.9
1891.741	1247.241	324.6814	21.95477	0.320048	1.650402	485.8607	1400.136	0.289296	0.501586	288.5817	71.38503	0.842378	100	1.4
1891.893	1247.393	324.686	21.87436	0.345547	1.382223	490.7508	1423.013	0.314012	0.550713	186.6794	47.80137	0.566082	100	0.3
1892.045	1247.545	324.6906	21.79177	0.359961	1.259768	493.3749	1438.073	0.328048	0.575577	132.9965	38.95131	0.462965	90.2	0
1892.198	1247.698	324.6952	21.81096	0.370925	1.205059	494.1292	1434.057	0.338756	0.59392	92.90781	33.43808	0.397104	73.8	0
1892.35	1247.85	324.6999	21.8123	0.39171	1.005031	493.4104	1426.914	0.359091	0.631634	12.79936	24.65188	0.292747	48.5	0
1892.503	1248.003	324.7045	21.81364	0.408321	0.890344	492.6348	1414.872	0.375399	0.661677	-51.1645	19.32633	0.229493	35.3	0
1892.655	1248.155	324.7091	21.81498	0.390172	1.018414	492.2559	1409.708	0.357634	0.628904	18.57811	25.19995	0.299226	50	0
1892.807	1248.307	324.7137	21.81632	0.359293	1.290869	492.1603	1408.82	0.32752	0.571772	138.9777	39.84885	0.473145	93.3	0
1892.96	1248.46	324.7183	21.81766	0.347552	1.453091	491.838	1414.81	0.316129	0.553384	180.0714	46.60936	0.553389	100	0.2
1893.112	1248.612	324.7229	21.819	0.328034	1.665816	491.1758	1427.365	0.297235	0.518405	254.4164	62.11771	0.737482	100	1
1893.265	1248.765	324.7276	21.82034	0.322781	1.672444	489.7771	1435.546	0.292181	0.509128	274.1939	67.24623	0.798331	100	1.2
1893.417	1248.917	324.7322	21.73498	0.320866	1.659587	489.1715	1442.578	0.290354	0.505509	281.7085	69.35801	0.826527	100	1.3
1893.569	1249.069	324.7368	21.73632	0.327807	1.531132	488.9626	1437.624	0.297088	0.516372	257.4258	62.86273	0.749088	100	1
1893.722	1249.222	324.7414	21.65239	0.338412	1.431639	489.7734	1435.379	0.307382	0.53529	217.1133	53.7199	0.642539	100	0.5
1893.874	1249.374	324.746	21.56941	0.343845	1.367542	490.5276	1433.655	0.312676	0.546152	194.8175	49.31309	0.592025	100	0.3
1894.027	1249.527	324.7507	21.57074	0.336586	1.481028	491.6218	1434.225	0.305661	0.53208	223.9177	55.14858	0.662051	100	0.6
1894.179	1249.679	324.7553	21.65536	0.308786	1.902159	492.0927	1434.273	0.278822	0.476386	337.8137	90.38134	1.080935	100	2.3
1894.331	1249.831	324.7599	21.73682	0.308871	2.008963	491.8272	1433.697	0.278928	0.478809	334.3229	88.6336	1.056213	100	2.3
1894.484	1249.984	324.7645	21.73815	0.310272	2.029763	491.1084	1435.725	0.280302	0.484109	325.1128	84.41658	1.005911	100	2.1
1894.636	1250.136	324.7691	21.67964	0.307784	2.081162	489.6529	1440.047	0.27793	0.479914	334.1756	88.56178	1.058063	100	2.3
1894.789	1250.289	324.7738	21.58657	0.312796	1.933291	489.6705	1449.373	0.282785	0.485885	319.2355	81.97588	0.983465	100	2

1894.941	1250.441	324.7784	21.6702	0.325749	1.764683	489.4615	1453.903	0.295317	0.50979	268.9525	65.83062	0.786838	100	1.2
1895.093	1250.593	324.783	21.75421	0.333643	1.766486	489.196	1457.183	0.30298	0.529188	231.6087	56.81502	0.676557	100	0.8
1895.246	1250.746	324.7876	21.68225	0.334943	1.797352	489.1571	1457.335	0.304263	0.534871	221.9943	54.74049	0.653947	100	0.7
1895.398	1250.898	324.7922	21.60943	0.322024	2.113613	489.6729	1455.61	0.291789	0.511688	271.2012	66.43253	0.796212	100	1.4
1895.551	1251.051	324.7968	21.5316	0.31955	2.17988	491.1753	1453.887	0.289423	0.508933	278.2689	68.37871	0.822405	100	1.5
1895.703	1251.203	324.8015	21.46096	0.307501	2.497432	491.8729	1449.453	0.277827	0.48316	329.8381	86.51413	1.043842	100	2.4
1895.855	1251.355	324.8061	21.42176	0.308337	2.367179	492.7405	1453.567	0.278656	0.484241	327.2023	85.32809	1.031363	100	2.3
1896.008	1251.508	324.8107	21.42308	0.304627	2.43472	492.3628	1453.302	0.275108	0.477553	341.3284	92.23829	1.114832	100	2.6
1896.16	1251.66	324.8153	21.42439	0.312053	2.225373	492.2545	1450.952	0.282287	0.493785	309.0206	78.10147	0.943923	100	1.9
1896.313	1251.813	324.8199	21.34484	0.305664	2.370873	492.0342	1438.701	0.276154	0.479042	337.8292	90.38935	1.096378	100	2.5
1896.465	1251.965	324.8245	21.30231	0.306255	2.320106	492.8722	1423.009	0.276748	0.478779	337.3719	90.15506	1.095659	100	2.5
1896.617	1252.117	324.8291	21.2492	0.310235	2.312642	491.9529	1390.745	0.280607	0.485806	322.3506	83.24787	1.014171	100	2.2
1896.77	1252.27	324.8338	21.20935	0.330771	1.871748	487.8471	1342.741	0.300466	0.526685	238.5315	58.36474	0.712331	100	0.9
1896.922	1252.422	324.8384	21.28522	0.322045	2.00717	481.7595	1282.019	0.292052	0.508968	274.5924	67.35572	0.819239	100	1.4
1897.075	1252.575	324.843	21.2599	0.299287	2.237984	475.6581	1229.949	0.270141	0.461139	370.8343	113.5868	1.383148	100	3.5
1897.227	1252.727	324.8476	21.23688	0.286135	2.27748	472.3328	1208.731	0.257538	0.433544	426.3064	231.96	2.827573	100	8.8
1897.379	1252.879	324.8522	21.33052	0.283524	1.974401	472.0105	1224.829	0.25506	0.428967	436.0436	260.5751	3.162938	100	10
1897.532	1253.032	324.8569	21.23473	0.28934	1.752397	476.0506	1264.694	0.26066	0.440692	412.1342	185.7152	2.264123	100	6.6
1897.684	1253.184	324.8615	21.23603	0.291391	1.737817	480.8841	1299.972	0.262652	0.443882	404.9834	166.5712	2.030633	100	5.7
1897.837	1253.337	324.8661	21.15687	0.317538	1.469213	485.6611	1325.35	0.287845	0.499338	293.6879	72.95799	0.892644	100	1.5
1897.989	1253.489	324.8707	21.15816	0.316382	1.559437	488.0018	1338.114	0.286753	0.496486	299.1295	74.70543	0.91398	100	1.6
1898.141	1253.641	324.8753	21.09346	0.310965	1.686054	488.0762	1348.587	0.281553	0.488456	317.3877	81.24283	0.996924	100	1.9
1898.294	1253.794	324.88	21.02224	0.318061	1.63	485.8277	1349.884	0.288423	0.506127	283.5213	69.88323	0.860354	100	1.4
1898.446	1253.946	324.8846	20.94505	0.337238	1.45979	485.562	1345.449	0.306996	0.54576	203.1969	50.92219	0.629164	100	0.5
1898.599	1254.099	324.8892	20.8715	0.340267	1.499256	487.3926	1338.722	0.309957	0.552882	189.2825	48.27958	0.598557	100	0.4
1898.751	1254.251	324.8938	20.95604	0.332492	1.671524	487.8636	1335.433	0.302447	0.537755	220.5214	54.43027	0.67218	100	0.7
1898.903	1254.403	324.8984	20.95733	0.308401	2.052281	486.7483	1333.292	0.279203	0.489541	319.1331	81.93485	1.011796	100	2.1
1899.056	1254.556	324.903	21.04114	0.30035	2.205988	483.1398	1330.004	0.271478	0.473168	352.3895	98.84961	1.215975	100	2.9
1899.208	1254.708	324.9077	21.12468	0.289848	2.448159	481.5709	1322.858	0.261414	0.451039	396.815	149.1064	1.827193	100	5.3
1899.361	1254.861	324.9123	21.08625	0.277045	2.729086	481.532	1314.775	0.249174	0.421143	454.9627	312.3067	3.833892	100	12.9
1899.513	1255.013	324.9169	21.0495	0.277038	2.584409	483.2491	1309.297	0.24919	0.420018	456.4932	316.2831	3.889313	100	13.1
1899.665	1255.165	324.9215	21.05079	0.294003	2.092506	485.3065	1305.487	0.265475	0.459267	379.8563	123.3485	1.516735	100	4
1899.818	1255.318	324.9261	21.05208	0.29758	2.027039	486.0608	1303.033	0.268936	0.468115	362.8698	106.5153	1.309685	100	3.2
1899.97	1255.47	324.9307	21.11149	0.302822	1.873141	486.1917	1297.137	0.274001	0.480224	339.1702	91.08592	1.11693	100	2.5
1900.123	1255.623	324.9354	21.20511	0.309013	1.813324	485.6429	1292.703	0.279986	0.493963	311.9496	79.17002	0.966674	100	1.9
1900.275	1255.775	324.94	21.12587	0.316329	1.715785	486.5103	1294	0.287065	0.507319	283.7499	69.94995	0.857206	100	1.4
1900.427	1255.927	324.9446	21.04687	0.307823	1.869137	487.3779	1303.22	0.278888	0.488452	321.0709	82.71965	1.017388	100	2.1
1900.58	1256.08	324.9492	21.11931	0.316421	1.660767	489.1519	1310.146	0.287203	0.505643	285.8725	70.57432	0.865136	100	1.5
1900.732	1256.232	324.9538	21.19307	0.32271	1.501054	490.416	1314.361	0.2933	0.517944	260.4836	63.63189	0.777413	100	1.1
1900.885	1256.385	324.9585	21.27228	0.315471	1.575451	492.0768	1317.431	0.286335	0.500515	294.1476	73.10265	0.889913	100	1.5
1901.037	1256.537	324.9631	21.34492	0.308935	1.748443	492.7744	1321.96	0.280056	0.483949	325.6724	84.65831	1.027204	100	2.1
1901.189	1256.689	324.9677	21.3866	0.312421	1.680533	492.792	1328.365	0.283441	0.488482	314.7463	80.22087	0.971539	100	1.8
1901.342	1256.842	324.9723	21.38791	0.321533	1.549834	492.1298	1328.724	0.29226	0.504715	280.1756	68.91884	0.834622	100	1.3
1901.494	1256.994	324.9769	21.38922	0.314236	1.586868	489.6545	1324.914	0.285239	0.492368	306.9015	77.34744	0.936649	100	1.7
1901.647	1257.147	324.9816	21.42586	0.325412	1.473786	487.1793	1325.69	0.296057	0.518287	256.2046	62.55901	0.756323	100	1
1901.799	1257.299	324.9862	21.40392	0.333389	1.305737	483.2309	1331.886	0.303801	0.535095	222.3239	54.8102	0.663305	100	0.6
1901.951	1257.451	324.9908	21.38786	0.336824	1.235492	482.7952	1338.499	0.307152	0.542601	207.3406	51.73844	0.626592	100	0.4
1902.104	1257.604	324.9954	21.38264	0.338708	1.255402	482.2462	1344.695	0.309003	0.543777	203.1642	50.91581	0.616782	100	0.4
1902.256	1257.756	325	21.33562	0.331114	1.425917	482.0372	1355.894	0.30167	0.525868	237.9967	58.24328	0.707056	100	0.8
1902.409	1257.909	325.0046	21.44491	0.326502	1.543868	480.6952	1366.052	0.297232	0.514673	259.5701	63.40082	0.765883	100	1
1902.561	1258.061	325.0092	21.55103	0.339904	1.381225	480.3728	1377.876	0.310235	0.540017	206.6533	51.6021	0.620396	100	0.4
1902.713	1258.213	325.0139	21.54171	0.339653	1.424892	480.9004	1383.239	0.310016	0.542631	203.347	50.95153	0.612837	100	0.4
1902.866	1258.366	325.0185	21.62383	0.316993	1.808124	482.7309	1383.181	0.288118	0.500651	291.4989	72.2762	0.866148	100	1.5
1903.018	1258.518	325.0231	21.62515	0.321246	1.849573	484.335	1376.034	0.292248	0.507677	276.1029	67.77317	0.812145	100	1.3
1903.171	1258.671	325.0277	21.70872	0.331736	1.762361	485.3726	1362.218	0.302418	0.526787	235.6974	57.7244	0.689165	100	0.8
1903.323	1258.823	325.0323	21.71005	0.353851	1.52298	485.2769	1346.524	0.323898	0.570352	145.9354	40.91922	0.488506	100	0.1
1903.475	1258.975	325.0369	21.77932	0.339786	1.663193	484.898	1337.085	0.310265	0.542949	202.5644	50.79882	0.604598	100	0.5
1903.628	1259.128	325.0416	21.71471	0.337125	1.685696	484.6889	1332.44	0.30771	0.539042	211.4822	52.56833	0.627461	100	0.6
1903.78	1259.28	325.0462	21.69125	0.32438	1.826092	486.8028	1341.553	0.295398	0.514996	261.6566	63.93031	0.763883	100	1.1
1903.933	1259.433	325.0508	21.63945	0.33902	1.580977	489.4267	1351.084	0.309596	0.546477	198.6194	50.03641	0.599257	100	0.5
1904.085	1259.585	325.0554	21.53761	0.334612	1.565989	493.0137	1353.736	0.305348	0.540077	213.3136	52.93987	0.636931	100	0.6
1904.237	1259.737	325.06	21.53893	0.330373	1.574689	495.2411	1347.424	0.301267	0.531279	231.0857	56.69989	0.682135	100	0.8
1904.39	1259.89	325.0647	21.54024	0.321669	1.683093	495.0321	1340.277	0.292875	0.512987	267.9103	65.55433	0.788622	100	1.2
1904.542	1260.042	325.0693	21.54156	0.316505	1.802976	491.877	1333.547	0.287912	0.50371	287.5612	71.07779	0.855028	100	1.5
1904.695	1260.195	325.0739	21.58347	0.31319	1.86536	485.9459	1324.316	0.284739	0.498461	299.1847	74.72356	0.897209	100	1.7
1904.847	1260.347	325.0785	21.62379	0.335765	1.581364	478.5413	1319.358	0.306586	0.542793	207.8584	51.84141	0.621348	100	0.5
1904.999	1260.499	325.0831	21.62511	0.339039	1.543599	471.1934	1317.944	0.309783	0.548092	196.1325	49.56202	0.594	100	0.4
1905.152	1260.652	325.0878	21.62644	0.351291	1.35284	470.361	1323.722	0.3217	0.573819	144.1835	40.647	0.48713	99.9	0
1905.304	1260.804	325.0924	21.54439	0.344486	1.390908	475.8741	1339.089	0.315115	0.563487	167.5297	44.43045	0.534436	100	0.2
1905.457	1260.957	325.097	21.49032	0.344812	1.3671	479.6311	1351.644	0.315456	0.564376	165.8328	44.14377	0.532284	100	0.2
1905.609	1261.109	325.1016	21.3998	0.327222	1.621724	480.4421	1342.205	0.298436	0.529972	236.7968	57.97182	0.701887	100	0.9
1905.761	1261.261	325.1062	21.33701	0.32895	1.62559	478.0237	1302.225	0.300132	0.52971	234.8189	57.52758	0.698497	100	0.8
1905.914	1261.414	325.1108	21.23257	0.325586	1.658015	473.7921	1231.495	0.296902	0.518323	254.9903	62.25891	0.75955	100	1.1
1906.066	1261.566	325.1154	21.15974	0.30122	1.909289	470.0135	1174.731	0.273427	0.481905	337.6424	90.29343	1.105249	100	2.5
1906.219	1261.719	325.1201	21.08088	0.2646	2.444665	468.7845	1157.159	0.238375	0.423814	466.1788	340.7697	4.186394	100	14.8
1906.371	1261.871	325.1247	20.99583	0.247107	2.646232	470.4451	1172.421	0.221756	0.416742	498.8728	415.5924	5.125692	100	19.8
1906.523	1262.023	325.1293	20.89675	0.229617	3.311962	473.409	1204.362	0.205218	0.411014	529.6011	476.5607	5.904721	100	25
1906.676	1262.176	325.1339	20.85168	0.248721	2.865777	475.7496	1227.547	0.223336	0.436453	469.4913	348.8848	4.33189	100	16.5
1906.828	1262.328	325.1385	20.77952	0.261921	2.579862	478.3168	1237.599	0.235918	0.439547	447.859	293.453	3.655943	100	13
1906.981	1262.481	325.1432	20.7499	0.268092	2.360809	480.8274	1241.918	0.241828	0.436695	443.639	281.9335	3.517334	100	12.1

1907.133	1262.633	325.1478	20.74891	0.289873	1.918253	483.1113	1248.634	0.262695	0.469039	370.2076	112.9833	1.409634	100	3.7
1907.285	1262.785	325.1524	20.80243	0.304987	1.715667	484.8288	1262.438	0.277245	0.494478	315.0227	80.32643	0.999699	100	2
1907.438	1262.938	325.157	20.81438	0.31087	1.698741	486.2061	1276.554	0.282936	0.503134	295.2223	73.44294	0.913532	100	1.7
1907.59	1263.09	325.1616	20.79673	0.32408	1.5038	487.1303	1284.521	0.295711	0.52445	248.178	60.60912	0.754525	100	1
1907.743	1263.243	325.1663	20.80667	0.311811	1.705931	487.5446	1293.843	0.283891	0.493787	306.8051	77.31348	0.962043	100	1.8
1907.895	1263.395	325.1709	20.80059	0.305104	1.759057	487.2789	1306.5	0.277454	0.482783	330.8735	86.9917	1.082792	100	2.3
1908.047	1263.547	325.1755	20.79119	0.288219	2.107782	486.56	1322.597	0.261253	0.453271	393.9569	143.8951	1.791879	100	5.1
1908.2	1263.7	325.1801	20.72295	0.27017	2.573284	485.1045	1325.664	0.244004	0.422032	460.87	327.4912	4.09122	100	14.2
1908.352	1263.852	325.1847	20.67212	0.279774	2.430065	484.8954		0.25321	0.451691	407.2374	172.1703	2.156015	100	6.7
1908.505	1264.005	325.1894	20.63031	0.294047	2.118422	485.9328		0.266918	0.476554	354.008	99.93235	1.253887	100	3.1
1908.657	1264.157	325.194	20.58576	0.312927	1.675475	488.6133		0.285112	0.506021	288.2366	71.28087	0.896277	100	1.6
1908.809	1264.309	325.1986	20.58702	0.306395	1.752661	491.6905		0.278842	0.486291	324.1173	83.99074	1.056038	100	2.2
1908.962	1264.462	325.2032	20.67647	0.299791	1.778663	492.898		0.272511	0.46656	360.0823	104.3152	1.306086	100	3.1
1909.114	1264.614	325.2078	20.73033	0.285706	2.026727	492.7457		0.259012	0.431102	427.6428	235.9724	2.947088	100	9.2
1909.267	1264.767	325.2124	20.85701	0.295343	1.816526	491.8568	1257.702	0.268284	0.449924	388.8732	135.585	1.683373	100	4.5
1909.419	1264.919	325.217	20.95819	0.312124	1.507614	491.5911	1263.999	0.284458	0.487926	314.1097	79.97893	0.988351	100	1.8
1909.571	1265.071	325.2217	20.95947	0.310094	1.498742	491.8921	1258.834	0.282526	0.486896	318.1978	81.5623	1.007869	100	1.9
1909.724	1265.224	325.2263	20.96075	0.318264	1.252634	492.5895	1270.863	0.29043	0.503417	284.4918	70.16713	0.867016	100	1.3
1909.876	1265.376	325.2309	20.96203	0.326792	1.168502	492.4371	1254.335	0.298695	0.518786	251.8761	61.49771	0.759856	100	0.9
1910.029	1265.529	325.2355	20.96331	0.323889	1.231083	490.925	1258.861	0.295913	0.513728	262.6957	64.19626	0.793161	100	1
1910.181	1265.681	325.2401	20.96458	0.313552	1.43299	488.3365	1281.418	0.285956	0.494765	302.6057	75.86437	0.937279	100	1.6
1910.333	1265.833	325.2447	20.88355	0.299262	1.577547	486.6543	1317.841	0.272219	0.473692	350.6428	97.7174	1.211821	100	2.7
1910.486	1265.986	325.2494	20.80079	0.300741	1.562675	485.2554	1321.534	0.273666	0.488486	328.2312	85.78613	1.067977	100	2.2
1910.638	1266.138	325.254	20.83465	0.296887	1.556755	484.8198	1316.992	0.269984	0.479976	345.0559	94.32641	1.172458	100	2.6
1910.791	1266.291	325.2586	20.91796	0.315867	1.275452	484.2142	1317.765	0.288286	0.511457	276.3556	67.84338	0.84003	100	1.2
1910.943	1266.443	325.2632	20.90872	0.304753	1.33252	483.4385	1325.418	0.277598	0.48415	328.7883	86.03675	1.065767	100	2.1
1911.095	1266.595	325.2678	20.98172	0.314309	1.168653	481.9832	1343.39	0.28683	0.500383	293.6462	72.9449	0.900555	100	1.4
1911.248	1266.748	325.2725	21.09886	0.327012	1.081953	481.7173	1373.766	0.299125	0.52304	245.4117	59.95492	0.73621	100	0.7
1911.4	1266.9	325.2771	21.13195	0.340634	0.987801	482.3581	1402.786	0.312342	0.547233	193.7875	49.11902	0.602243	100	0.2
1911.553	1267.053	325.2817	21.15891	0.327474	1.101901	484.3587	1410.233	0.29962	0.518871	250.4824	61.16092	0.748971	100	0.8
1911.705	1267.205	325.2863	21.32992	0.324139	1.118821	486.6425	1403.189	0.296419	0.510457	266.5117	65.18615	0.792076	100	1
1911.857	1267.357	325.2909	21.51711	0.315453	1.206471	490.3996	1393.226	0.288055	0.493124	301.9737	75.65102	0.911511	100	1.4
1912.01	1267.51	325.2956	21.63461	0.309133	1.307484	493.93	1399.002	0.281985	0.482025	325.667	84.65598	1.01467	100	1.9
1912.162	1267.662	325.3002	21.67868	0.306936	1.370071	496.6672	1398.107	0.279892	0.476008	336.858	89.89372	1.075345	100	2.1
1912.315	1267.815	325.3048	21.80831	0.307512	1.402597	496.4584	1398.255	0.280471	0.47354	339.4648	91.24093	1.08521	100	2.2
1912.467	1267.967	325.3094	21.95001	0.3247	1.439905	492.5667	1395.692	0.297082	0.509816	266.4817	65.17829	0.770406	100	1
1912.619	1268.119	325.314	21.95609	0.320863	1.552336	485.8987	1396.362	0.293398	0.503991	279.6039	68.75617	0.812488	100	1.2
1912.772	1268.272	325.3186	22.02346	0.320682	1.741294	483.6499	1395.988	0.293247	0.508331	273.8218	67.14426	0.791109	100	1.2
1912.924	1268.424	325.3232	22.0351	0.302699	1.976215	484.0073	1391.549	0.275934	0.477668	340.0292	91.53989	1.078007	100	2.4
1913.077	1268.577	325.3279	22.01862	0.300594	1.975521	485.4413	1378.043	0.273933	0.476926	343.8143	93.61646	1.103268	100	2.5
1913.229	1268.729	325.3325	21.97864	0.293156	2.123216	484.6658	1369.85	0.266809	0.46247	373.595	116.3526	1.373631	100	3.6
1913.381	1268.881	325.3371	21.9689	0.302679	1.876082	483.267	1364.891	0.275987	0.484073	331.1176	87.10529	1.028794	100	2.2
1913.534	1269.034	325.3417	22.03374	0.296967	1.913749	482.4914	1374.627	0.270518	0.473933	352.6584	99.02726	1.166299	100	2.7
1913.686	1269.186	325.3463	22.0906	0.298988	1.76594	482.6789	1384.78	0.272485	0.481438	339.5865	91.30517	1.072697	100	2.4
1913.839	1269.339	325.351	22.13807	0.30204	1.630729	483.4897	1385.346	0.275444	0.491917	321.0429	82.70818	0.969699	100	1.9
1913.991	1269.491	325.3556	22.21214	0.316025	1.448051	483.5638	1376.321	0.288943	0.517356	267.3086	65.39558	0.764267	100	1.1
1914.143	1269.643	325.3602	22.14482	0.302865	1.647884	481.9952	1366.879	0.276286	0.482665	332.6484	87.82652	1.029427	100	2.1
1914.296	1269.796	325.3648	22.19497	0.3188	1.466898	478.7266	1366.191	0.291669	0.511652	271.4167	66.49065	0.777659	100	1.1
1914.448	1269.948	325.3694	22.24836	0.320167	1.480335	477.0444	1360.918	0.293014	0.514842	265.159	64.83283	0.756526	100	1
1914.601	1270.101	325.3741	22.27291	0.328945	1.320815	477.402	1348.349	0.301524	0.533664	227.4417	55.90514	0.651665	100	0.6
1914.753	1270.253	325.3787	22.29996	0.342959	1.209991	479.6857	1333.278	0.315126	0.562747	168.5355	44.60129	0.519299	100	0.1
1914.905	1270.405	325.3833	22.32419	0.337357	1.220621	484.6891	1328.422	0.309718	0.552223	190.5213	48.50891	0.564212	100	0.2
1915.058	1270.558	325.3879	22.30174	0.328818	1.311606	488.8428	1332.529	0.301473	0.534314	226.6137	55.72633	0.648793	100	0.6
1915.21	1270.71	325.3925	22.3031	0.312656	1.430571	490.6169	1342.89	0.285885	0.501349	293.6165	72.93559	0.849111	100	1.4
1915.363	1270.863	325.3971	22.30445	0.304977	1.50519	489.8662	1345.54	0.278511	0.485743	325.3304	84.51039	0.983817	100	1.9
1915.515	1271.015	325.4018	22.38053	0.291759	1.672369	487.4713	1339.537	0.265829	0.456805	382.7648	126.9878	1.473494	100	3.8
1915.667	1271.167	325.4064	22.43245	0.299062	1.525542	485.2443	1318.212	0.272868	0.470545	354.0905	99.98846	1.157639	100	2.6
1915.82	1271.32	325.411	22.52126	0.294141	1.485455	483.4832	1288.235	0.268163	0.459733	375.5039	118.3736	1.365318	100	3.3
1915.972	1271.472	325.4156	22.5487	0.303477	1.357572	483.4806	1255.547	0.277163	0.481432	333.1401	88.0615	1.014521	100	2
1916.125	1271.625	325.4202	22.49805	0.297311	1.362026	485.3415	1232.032	0.271257	0.469277	358.0634	102.7991	1.186882	100	2.6
1916.277	1271.777	325.4248	22.56153	0.307441	1.224489	484.0274	1227.592	0.281027	0.490497	315.2974	80.43168	0.926134	100	1.6
1916.429	1271.929	325.4294	22.54565	0.306375	1.150905	477.3866	1229.302	0.280024	0.487453	320.8812	82.64201	0.952239	100	1.7
1916.582	1272.082	325.4341	22.53442	0.293171	1.303526	474.3446	1237.891	0.267352	0.457653	379.4939	122.9135	1.416958	100	3.4
1916.734	1272.234	325.4387	22.5674	0.276728	1.543886	472.2657	1239.08	0.251619	0.423633	448.1532	294.2471	3.387381	100	11
1916.887	1272.387	325.4433	22.62136	0.271677	1.551067	475.6259	1245.689	0.246814	0.420781	458.7189	322.0125	3.698562	100	12.3
1917.039	1272.539	325.4479	22.53249	0.280964	1.425426	472.0743	1248.338	0.25572	0.444686	413.4403	189.6796	2.186893	100	6.4
1917.191	1272.691	325.4525	22.53384	0.292683	1.237388	473.6782	1248.067	0.266979	0.466864	367.2967	110.2907	1.271525	100	2.9
1917.344	1272.844	325.4572	22.55198	0.295877	1.254119	473.4125	1245.295	0.270071	0.470246	358.3634	103.0205	1.186803	100	2.6
1917.496	1272.996	325.4618	22.5478	0.292159	1.248993	476.6594	1245.024	0.266524	0.458091	380.031	123.5596	1.423683	100	3.5
1917.649	1273.149	325.4664	22.4963	0.302077	1.169476	482.1161	1262.16	0.276079	0.47605	342.0616	92.63894	1.069767	100	2.1
1917.801	1273.301	325.471	22.40881	0.305925	1.148877	487.5728	1289.615	0.279807	0.482117	328.5452	85.92714	0.995996	100	1.8
1917.953	1273.453	325.4756	22.41102	0.305085	1.169078	491.3866	1312.069	0.279023	0.47821	335.0183	88.97457	1.031232	100	1.9
1918.106	1273.606	325.4803	22.41242	0.309078	1.163009	491.4609	1318.782	0.282893	0.484565	320.9091	82.65341	0.957921	100	1.7
1918.258	1273.758	325.4849	22.37985	0.305824	1.309735	490.402	1314.864	0.279782	0.478356	333.7703	88.36505	1.025561	100	2
1918.411	1273.911	325.4895	22.30328	0.304856	1.370359	490.5896	1313.551	0.278874	0.481162	331.1496	87.12022	1.014463	100	2
1918.563	1274.063	325.4941	22.3047	0.300278	1.498026	493.8364	1310.152	0.274493	0.475721	344.7043	94.12384	1.09596	100	2.3
1918.715	1274.215	325.4987	22.35088	0.304552	1.40495	500.1996	1294.56	0.278629	0.487926	322.1544	83.16634	0.966458	100	1.8
1918.868	1274.368	325.5034	22.38794	0.298034	1.513587	507.4694	1267.814	0.272383	0.472415	352.1785	98.71088	1.145283	100	2.5
1919.02	1274.52	325.508	22.38934	0.299835	1.51383	509.8101	1235.959	0.274139	0.465535	359.2499	103.6826	1.202907	100	2.7
1919.173	1274.673	325.5126	22.39074	0.293017	1.549376	504.4456	1215.362	0.267611	0.441105	401.9711	159.6458	1.852091	100	5

1919.325	1274.825	325.5172	22.36781	0.292932	1.429625	493.3584	1213.422	0.267554	0.435856	409.2948	177.619	2.062656	100	5.7
1919.477	1274.977	325.5218	22.40283	0.300239	1.230228	483.5742	1229.203	0.274599	0.454006	374.5247	117.3253	1.360442	100	3.1
1919.63	1275.13	325.5264	22.34981	0.298446	1.169941	479.4554	1251.342	0.2729	0.461416	366.6447	109.7114	1.275072	100	2.8
1919.782	1275.282	325.531	22.35121	0.29049	1.306342	480.3226	1273.064	0.265282	0.451467	390.8861	138.7382	1.612341	100	4.2
1919.935	1275.435	325.5357	22.32864	0.292064	1.35953	483.7962	1286.553	0.266817	0.455904	382.6454	126.833	1.475435	100	3.7
1920.087	1275.587	325.5403	22.3226	0.302939	1.234009	488.1764	1284.198	0.277292	0.477986	337.7158	90.33108	1.051096	100	2.1
1920.239	1275.739	325.5449	22.22823	0.312991	1.18836	491.3669	1265.06	0.287	0.493739	302.5805	75.85582	0.886277	100	1.4
1920.392	1275.892	325.5495	22.27212	0.31083	1.240348	492.5177	1236.437	0.28494	0.486092	315.976	80.69295	0.941014	100	1.6
1920.544	1276.044	325.5541	22.2497	0.293418	1.491801	491.0622	1216.256	0.268212	0.44977	389.1846	136.0615	1.58826	100	4.1
1920.697	1276.197	325.5588	22.25109	0.301638	1.298563	487.8504	1214.734	0.276137	0.469551	350.95	97.91388	1.142902	100	2.4
1920.849	1276.349	325.5634	22.16054	0.30374	1.178636	483.2221	1230.618	0.278183	0.475235	340.2833	91.67533	1.074303	100	2.1
1921.001	1276.501	325.568	22.20024	0.304559	1.164563	478.7072	1248.692	0.278995	0.477945	335.4228	89.1745	1.043208	100	2
1921.154	1276.654	325.5726	22.18487	0.293383	1.407965	475.4384	1263.118	0.268274	0.454378	382.7397	126.9552	1.486192	100	3.7
1921.306	1276.806	325.5772	22.16022	0.288968	1.463205	473.8127	1267.641	0.264061	0.445964	400.1656	155.7767	1.825562	100	5
1921.459	1276.959	325.5819	22.18338	0.293321	1.461185	474.2836	1279.147	0.268263	0.458648	376.8625	119.8698	1.403368	100	3.5
1921.611	1277.111	325.5865	22.23112	0.3054	1.27741	475.0375	1291.905	0.279901	0.485909	323.1825	83.59565	0.976677	100	1.8
1921.763	1277.263	325.5911	22.24031	0.318203	1.160723	475.3385	1305.184	0.292268	0.510965	271.539	66.52365	0.776918	100	1
1921.916	1277.416	325.5957	22.2322	0.31776	1.14588	474.7328	1313.043	0.291864	0.508017	276.1645	67.79026	0.791997	100	1
1922.068	1277.568	325.6003	22.16424	0.306171	1.336408	473.0507	1312.042	0.280715	0.479655	330.6897	86.90642	1.018341	100	1.9
1922.221	1277.721	325.6049	22.1363	0.321907	1.211675	471.2554	1306.246	0.295917	0.510081	267.7226	65.50475	0.768504	100	1
1922.373	1277.873	325.6096	22.09235	0.314687	1.278469	470.4229	1297.427	0.288971	0.496967	295.4051	73.50113	0.86398	100	1.3
1922.525	1278.025	325.6142	21.94233	0.308041	1.357193	471.8569	1284.022	0.282588	0.48606	319.266	81.98811	0.970103	100	1.8
1922.678	1278.178	325.6188	21.85857	0.286	1.658496	475.1039	1263.111	0.26143	0.445039	405.0724	166.7853	1.98076	100	5.7
1922.83	1278.33	325.6234	21.85385	0.274815	1.875784	479.4839	1251.373	0.250747	0.4255	446.7796	290.5295	3.451115	100	11.4
1922.983	1278.483	325.628	21.85518	0.284857	1.617504	484.2608	1258.606	0.260383	0.449309	400.6253	156.7427	1.861811	100	5.3
1923.135	1278.635	325.6326	21.89084	0.301944	1.322228	488.811	1274.802	0.276814	0.484913	328.8166	86.04953	1.020512	100	2
1923.287	1278.787	325.6372	21.85333	0.309405	1.151121	492.398	1288.498	0.284022	0.494049	306.2622	77.12294	0.916171	100	1.5
1923.44	1278.94	325.6419	21.85465	0.291293	1.315946	494.6252	1291.77	0.266627	0.449288	392.0366	140.6195	1.67039	100	4.3
1923.592	1279.092	325.6465	22.02272	0.274637	1.596272	495.1529	1287.954	0.250697	0.406253	473.4093	358.3185	4.2251	100	14.1
1923.745	1279.245	325.6511	22.10751	0.286848	1.502065	494.434	1289.141	0.262411	0.434186	418.6967	207.3439	2.435876	100	7.2
1923.897	1279.397	325.6557	22.15822	0.291919	1.517489	492.5252	1295.747	0.267299	0.453679	385.0501	130.0439	1.524403	100	3.9
1924.049	1279.549	325.6603	22.13894	0.316341	1.236043	490.7297	1300.48	0.29083	0.510766	273.7986	67.13792	0.787674	100	1.1
1924.202	1279.702	325.665	22.11627	0.321935	1.177001	489.8407	1301.457	0.296255	0.523258	249.0721	60.82246	0.714292	100	0.8
1924.354	1279.854	325.6696	22.11761	0.310139	1.28305	489.5747	1298.892	0.284896	0.499883	297.0051	74.01396	0.86917	100	1.4
1924.507	1280.007	325.6742	22.11895	0.306853	1.34223	489.7057	1295.598	0.281754	0.489263	315.9967	80.70095	0.947652	100	1.7
1924.659	1280.159	325.6788	22.12029	0.317625	1.223334	487.8535	1302.516	0.292165	0.507893	275.9211	67.7227	0.795213	100	1.1
1924.811	1280.311	325.6834	22.18078	0.305618	1.34955	484.5851	1312.146	0.280613	0.480778	329.281	86.25994	1.010231	100	1.9
1924.964	1280.464	325.6881	22.25868	0.29669	1.502152	477.8605	1324.59	0.272049	0.459417	370.5775	113.3384	1.322899	100	3.1
1925.116	1280.616	325.6927	22.28588	0.277531	1.771376	477.0279	1328.487	0.253703	0.413984	458.5917	321.6867	3.750391	100	12.3
1925.269	1280.769	325.6973	22.27948	0.290737	1.508495	478.6885	1322.066	0.26638	0.443739	400.0355	155.5055	1.813485	100	4.9
1925.421	1280.921	325.7019	22.2519	0.29613	1.457951	483.1252	1303.135	0.271582	0.454313	378.2645	121.4667	1.418234	100	3.5
1925.573	1281.073	325.7065	22.31327	0.323468	1.218197	487.0522	1282.293	0.297952	0.511879	262.4335	64.12901	0.74679	100	0.9
1925.726	1281.226	325.7111	22.28955	0.332647	1.189988	490.0726	1263.363	0.306855	0.530893	223.908	55.14653	0.642852	100	0.5
1925.878	1281.378	325.7158	22.26106	0.320926	1.292212	486.8608	1251.276	0.295543	0.507805	271.3796	66.48063	0.775939	100	1
1926.031	1281.531	325.7204	22.20611	0.305578	1.421283	476.6805	1243.22	0.280765	0.479444	330.9123	87.00972	1.017978	100	2
1926.183	1281.683	325.725	22.22252	0.285741	1.571689	470.4087	1235.198	0.261732	0.440437	411.0071	182.4179	2.132718	100	6.2
1926.335	1281.835	325.7296	22.22387	0.28329	1.504238	468.613	1224.92	0.259407	0.4419	412.1958	185.8985	2.173307	100	6.4
1926.488	1281.988	325.7342	22.26436	0.277131	1.545285	473.4461	1206.579	0.253535	0.435116	429.6607	241.9787	2.824007	100	8.9
1926.64	1282.14	325.7388	22.33973	0.280369	1.538763	479.7526	1190.254	0.256658	0.449527	405.4653	167.737	1.951232	100	5.7
1926.793	1282.293	325.7435	22.31904	0.283818	1.465316	484.4729	1184.352	0.259985	0.462115	383.503	127.9552	1.489807	100	3.9
1926.945	1282.445	325.7481	22.30966	0.280359	1.424679	487.2101	1188.977	0.256696	0.449001	406.1384	169.3936	1.973101	100	5.7
1927.097	1282.597	325.7527	22.31101	0.275318	1.44327	488.5876	1202.672	0.251897	0.431956	436.2823	261.259	3.043006	100	9.7
1927.25	1282.75	325.7573	22.31131	0.276446	1.415383	489.0583	1212.718	0.253	0.430447	436.8444	262.8659	3.061714	100	9.7
1927.402	1282.902	325.7619	22.38297	0.290962	1.282038	488.2827	1215.571	0.26693	0.45905	378.147	121.3308	1.408853	100	3.4
1927.555	1283.055	325.7666	22.40178	0.292373	1.308367	486.1474	1211.13	0.268308	0.462816	371.0492	113.7957	1.320304	100	3.1
1927.707	1283.207	325.7712	22.43241	0.294614	1.309968	483.8419	1209.606	0.270484	0.467923	360.9979	105.0238	1.216941	100	2.7
1927.859	1283.359	325.7758	22.49655	0.298424	1.259454	482.2164	1214.857	0.274169	0.47236	349.7908	97.17819	1.122955	100	2.4
1928.012	1283.512	325.7804	22.49796	0.2955	1.235468	480.5341	1229.072	0.271383	0.462603	367.1	110.115	1.272385	100	2.9
1928.164	1283.664	325.785	22.54739	0.29577	1.1966	479.1917	1240.994	0.271666	0.464258	364.4243	107.7998	1.24302	100	2.8
1928.317	1283.817	325.7897	22.54879	0.298648	1.203789	478.7562	1250.519	0.274456	0.471668	350.3497	97.53095	1.124556	100	2.3
1928.469	1283.969	325.7943	22.52959	0.305046	1.22062	479.5101	1248.682	0.280635	0.489626	317.0395	81.10641	0.935953	100	1.6
1928.621	1284.121	325.7989	22.58404	0.301677	1.32279	479.981	1237.986	0.277417	0.486679	325.5485	84.60463	0.974069	100	1.9
1928.774	1284.274	325.8035	22.58316	0.298749	1.380598	478.0722	1227.08	0.274624	0.479703	339.0289	91.01183	1.047886	100	2.2
1928.926	1284.426	325.8081	22.49151	0.302967	1.293688	477.2397	1221.698	0.278705	0.487591	322.5111	83.31469	0.963031	100	1.8
1929.079	1284.579	325.8127	22.493	0.286631	1.428987	478.2772	1220.07	0.263038	0.451558	393.8581	143.7223	1.661192	100	4.5
1929.231	1284.731	325.8173	22.49449	0.290843	1.343154	482.6005	1221.255	0.267102	0.459447	377.3627	120.4332	1.391934	100	3.4
1929.383	1284.883	325.822	22.49053	0.302247	1.213893	489.0203	1225.985	0.278084	0.48431	327.8961	85.63629	0.989939	100	1.9
1929.536	1285.036	325.8266	22.49207	0.314463	1.094349	496.5732	1231.652	0.289877	0.509845	276.3835	67.85114	0.784303	100	1
1929.688	1285.188	325.8312	22.4936	0.297136	1.27636	501.8034	1235.548	0.273217	0.470934	353.0722	99.30228	1.147788	100	2.5
1929.841	1285.341	325.8358	22.40791	0.286163	1.381351	503.8607	1233.503	0.262709	0.443531	405.3888	167.5509	1.943787	100	5.4
1929.993	1285.493	325.8404	22.33465	0.292023	1.258925	502.9719	1224.265	0.268354	0.454201	382.8747	127.1306	1.479535	100	3.7
1930.145	1285.645	325.845	22.31015	0.286213	1.323087	502.083	1207.105	0.262805	0.438594	412.0697	185.5232	2.161408	100	6.2
1930.298	1285.798	325.8497	22.28441	0.288904	1.269126	501.7604	1189.945	0.265409	0.445812	398.5153	152.4116	1.77764	100	4.8
1930.45	1285.95	325.8543	22.25675	0.278506	1.444473	505.5171	1175.39	0.25547	0.422916	443.8262	282.4499	3.298309	100	10.5
1930.603	1286.103	325.8589	22.24023	0.279097	1.324557	510.0674	1156.25	0.25606	0.423229	442.5815	279.0086	3.260488	100	10.3
1930.755	1286.255	325.8635	22.23545	0.268837	1.435485	512.3512	1132.836	0.246277	0.396977	492.3093	401.4652	4.692534	100	16.2
1930.907	1286.407	325.8681	22.24404	0.254627	1.442089	508.0632	1105.254	0.23276	0.369958	548.2493	509.902	5.957845	100	22.1
1931.06	1286.56	325.8728	22.26041	0.251696	1.427001	499.2989	1079.962	0.229997	0.372764	548.1895	509.7991	5.952486	100	22.4
1931.212	1286.712	325.8774	22.26509	0.245423	1.406015	492.8006	1060.612	0.224064	0.371351	558.3283	526.9212	6.151225	100	23.8
1931.365	1286.865	325.882	22.33217	0.238993	1.270224	489.5885	1049.289	0.217992	0.369553	569.1868	544.5406	6.338591	100	25.2

1931.517	1287.017	325.8866	22.33369	0.249148	3.49617	492.212	1049.64	0.227648	0.392019	524.8597	467.6692	5.443488	100	21.1
1931.669	1287.169	325.8912	22.32606	0.254593	0.918909	492.7963	1049.991	0.232847	0.401826	504.1504	426.6536	4.967769	100	18
1931.822	1287.322	325.8959	22.30529	0.248745	0.994611	492.0773	1048.257	0.227313	0.398591	516.2528	451.0669	5.25679	100	19.7
1931.974	1287.474	325.9005	22.28069	0.255065	0.977585	490.4517	1052.569	0.233344	0.422783	474.5456	361.0218	4.211911	100	15
1932.127	1287.627	325.9051	22.30682	0.270108	0.839281	491.4891	1057.089	0.247705	0.448318	419.4891	210.265	2.450344	100	7.5
1932.279	1287.779	325.9097	22.31706	0.290491	0.768952	493.2628	1066.196	0.26724	0.482963	344.7196	94.13264	1.096511	100	2.2
1932.431	1287.931	325.9143	22.31315	0.296378	0.647395	492.6006	1083.537	0.272917	0.483564	336.0565	89.49016	1.042619	100	1.8
1932.584	1288.084	325.9189	22.33926	0.306651	0.664777	490.6918	1109.321	0.282823	0.492508	310.0443	78.47137	0.913224	100	1.3
1932.736	1288.236	325.9236	22.36302	0.279777	0.945289	489.8593	1141.984	0.257044	0.440074	417.9763	204.7502	2.380403	100	7
1932.889	1288.389	325.9282	22.38963	0.276118	1.063214	493.5595	1175.066	0.253567	0.439428	423.6668	223.953	2.600702	100	7.9
1933.041	1288.541	325.9328	22.40428	0.278649	1.079917	500.659	1196.889	0.256012	0.443001	415.3616	195.8073	2.272446	100	6.7
1933.193	1288.693	325.9374	22.42371	0.281425	1.066457	506.739	1208.811	0.258693	0.446095	407.3919	172.5677	2.001089	100	5.6
1933.346	1288.846	325.942	22.4354	0.28898	1.102271	510.9493	1214.582	0.265958	0.457916	381.0542	124.8148	1.446638	100	3.5
1933.498	1288.998	325.9466	22.44707	0.301858	1.011022	515.0462	1215.558	0.278352	0.480862	332.285	87.65385	1.015434	100	1.9
1933.651	1289.151	325.9513	22.45871	0.312987	1.001625	519.5964	1201.421	0.289096	0.499683	291.4844	72.27172	0.83683	100	1.2
1933.803	1289.303	325.9559	22.47032	0.322577	0.976664	518.1977	1182.696	0.298377	0.515148	257.3355	62.84022	0.727269	100	0.7
1933.955	1289.455	325.9605	22.48724	0.308093	1.120284	510.5666	1165.119	0.284426	0.483046	320.8886	82.64506	0.955794	100	1.6
1934.108	1289.608	325.9651	22.50318	0.290406	1.110623	499.7626	1167.552	0.267445	0.442217	400.6666	156.8301	1.812529	100	4.8
1934.26	1289.76	325.9697	22.51403	0.297172	0.888505	493.3775	1177.701	0.273965	0.45634	372.1794	114.912	1.327469	100	2.9
1934.413	1289.913	325.9744	22.52485	0.30798	0.740174	491.9784	1187.225	0.284389	0.478998	326.5273	85.03096	0.981838	100	1.6
1934.565	1290.065	325.979	22.53564	0.313595	0.726683	494.6587	1192.578	0.289825	0.491969	301.1243	75.36618	0.869849	100	1.1
1934.717	1290.217	325.9836	22.54981	0.305871	0.800635	498.1323	1198.767	0.282405	0.476842	332.2394	87.63229	1.010819	100	1.7
1934.87	1290.37	325.9882	22.56024	0.302684	0.860016	503.4189	1196.824	0.279361	0.468715	347.6551	95.86244	1.105272	100	2.1
1935.022	1290.522	325.9928	22.57064	0.300652	0.935863	505.6462	1198.007	0.27743	0.462411	359.0207	103.5102	1.192932	100	2.4
1935.175	1290.675	325.9975	22.65886	0.308827	0.914981	503.171	1190.854	0.285323	0.481424	321.889	83.05639	0.953633	100	1.5
1935.327	1290.827	326.0021	22.73647	0.313259	0.879172	498.3726	1186.2	0.28962	0.492478	300.7059	75.22664	0.860909	100	1.2
1935.479	1290.979	326.0067	22.74686	0.309355	0.88612	493.3477	1182.381	0.285879	0.485118	316.0235	80.7113	0.923281	100	1.4
1935.632	1291.132	326.0113	22.75722	0.300378	0.918871	487.3029	1181.063	0.277261	0.466634	353.4245	99.53818	1.138161	100	2.3
1935.784	1291.284	326.0159	22.76756	0.296422	0.913355	486.3568	1191.002	0.273483	0.454288	375.6767	118.5612	1.355101	100	3
1935.937	1291.437	326.0205	22.80216	0.301176	0.878583	490.8501	1202.506	0.278077	0.460259	361.0967	105.1011	1.199519	100	2.4
1936.089	1291.589	326.0251	22.8289	0.303692	0.861679	497.7798	1208.172	0.280521	0.46623	349.4849	96.98659	1.105675	100	2.1
1936.241	1291.741	326.0298	22.84318	0.293578	1.036971	502.3867	1207.063	0.270822	0.44506	392.0824	140.6956	1.603024	100	4
1936.394	1291.894	326.0344	22.8476	0.294281	1.03315	503.1409	1199.491	0.27152	0.447675	387.5109	133.5457	1.521294	100	3.7
1936.546	1292.046	326.039	22.90937	0.289982	1.162134	498.1727	1200.153	0.267418	0.438589	405.7106	168.337	1.912677	100	5.2
1936.699	1292.199	326.0436	22.91793	0.287072	1.160204	489.805	1211.761	0.264651	0.435257	414.1268	191.8279	2.178826	100	6.2
1936.851	1292.351	326.0482	22.9281	0.293953	1.056734	487.7825	1229.83	0.271277	0.455134	377.553	120.6494	1.369794	100	3.2
1937.003	1292.503	326.0528	22.94658	0.303281	0.955444	489.8396	1243.731	0.280268	0.479614	331.363	87.21985	0.989497	100	1.7
1937.156	1292.656	326.0575	22.95671	0.308359	0.94563	493.9453	1250.126	0.285181	0.494312	304.3004	76.44242	0.86687	100	1.3
1937.308	1292.808	326.0621	22.9668	0.294328	1.128608	496.1125	1238.593	0.271708	0.463456	365.4726	108.6907	1.232064	100	2.7
1937.461	1292.961	326.0667	22.9771	0.293263	1.213062	496.0791	1217.263	0.270709	0.458015	374.3607	117.1522	1.327422	100	3.1
1937.613	1293.113	326.0713	22.99023	0.298788	1.155476	498.6039	1191.97	0.276041	0.468205	352.9394	99.21379	1.123561	100	2.3
1937.765	1293.265	326.0759	23.00521	0.29259	1.11212	503.736	1168.972	0.27011	0.452982	382.1326	126.1737	1.427995	100	3.4
1937.918	1293.418	326.0806	23.01274	0.285125	1.081952	504.2668	1151.914	0.262974	0.437855	412.8569	187.8894	2.125829	100	6
1938.07	1293.57	326.0852	23.01639	0.287059	0.968574	501.8037	1143.193	0.264851	0.44536	399.909	155.2428	1.756207	100	4.6
1938.223	1293.723	326.0898	23.02336	0.285208	0.901379	493.5495	1136.56	0.2631	0.444426	403.614	163.3471	1.847371	100	4.9
1938.375	1293.875	326.0944	23.0384	0.276472	0.888041	490.2806	1128.987	0.254761	0.427956	437.8516	265.734	3.003461	100	9.3
1938.527	1294.027	326.099	23.03864	0.28568	0.791247	491.3744	1123.917	0.263601	0.449271	396.2372	148.0189	1.672985	100	4.3
1938.68	1294.18	326.1037	23.03888	0.285108	0.783909	494.4513	1125.621	0.263076	0.447378	399.5743	154.5526	1.746833	100	4.5
1938.832	1294.332	326.1083	23.03913	0.277066	0.784637	499.3979	1132.224	0.255399	0.425537	440.3078	272.6668	3.08182	100	9.5
1938.985	1294.485	326.1129	23.03937	0.285693	0.697826	509.6136	1129.03	0.263685	0.440235	408.5911	175.7175	1.98605	100	5.3
1939.137	1294.637	326.1175	23.03961	0.28403	0.735889	524.1353	1112.285	0.262114	0.427793	427.9288	236.8273	2.676745	100	7.8
1939.289	1294.789	326.1221	23.03985	0.275092	0.827841	530.3856	1095.749	0.253583	0.39406	486.2518	388.0466	4.385905	100	14.4
1939.442	1294.942	326.1267	23.0401	0.275809	0.864247	527.6272	1090.885	0.254292	0.389578	491.4594	399.6048	4.51654	100	14.9
1939.594	1295.094	326.1313	23.04034	0.288795	0.762484	513.2541	1107.181	0.266753	0.420004	432.2762	249.6723	2.821926	100	8.2
1939.747	1295.247	326.136	23.04058	0.309308	0.64452	505.0559	1125.981	0.286499	0.47287	332.0709	87.5526	0.989565	100	1.5
1939.899	1295.399	326.1406	23.04083	0.307816	0.60236	501.9003	1138.629	0.285085	0.477115	328.1644	85.75621	0.969261	100	1.5
1940.051	1295.551	326.1452	23.04107	0.292097	0.704904	500.5013	1149.298	0.269993	0.440122	400.0414	155.5179	1.757744	100	4.4
1940.204	1295.704	326.1498	23.04131	0.293492	0.764258	498.196	1162.884	0.271356	0.436215	403.5519	163.204	1.844617	100	4.7
1940.356	1295.856	326.1544	23.04155	0.295157	0.82928	493.6241	1176.471	0.272978	0.435473	402.3379	160.4569	1.813568	100	4.6
1940.509	1296.009	326.1591	23.0418	0.301682	0.829901	490.3554	1195.374	0.279275	0.447869	376.5418	119.5121	1.350789	100	2.9
1940.661	1296.161	326.1637	23.04204	0.304589	0.868015	487.4267	1216.465	0.282096	0.456908	360.1743	104.3859	1.179824	100	2.3
1940.813	1296.313	326.1683	23.04228	0.33661	0.709093	485.9144	1235.786	0.313048	0.53097	215.2554	53.33694	0.602842	100	0.2
1940.966	1296.466	326.1729	23.04253	0.332414	0.737259	485.4785	1251.353	0.309007	0.524665	229.5326	56.35961	0.637006	100	0.3
1941.118	1296.618	326.1775	23.04277	0.324316	0.820956	485.5526	1248.054	0.301197	0.509154	261.7166	63.94563	0.722747	100	0.7
1941.271	1296.771	326.1822	23.04301	0.297089	1.050082	483.304	1240.419	0.274977	0.450583	378.7279	122.0069	1.378986	100	3.2
1941.423	1296.923	326.1868	23.04325	0.299838	1.142932	481.2817	1227.094	0.277643	0.457609	365.3529	108.588	1.227319	100	2.7
1941.575	1297.075	326.1914	23.0435	0.292608	1.224934	482.0924	1221.775	0.27072	0.442098	396.3114	148.1576	1.674556	100	4.3
1941.728	1297.228	326.196	23.04374	0.284759	1.203522	486.359	1219.393	0.263215	0.424956	430.324	243.9398	2.757138	100	8.3
1941.88	1297.38	326.2006	23.04398	0.283059	1.155902	490.8524	1220.992	0.26161	0.422392	436.0779	260.6736	2.946273	100	9
1942.033	1297.533	326.2052	23.04423	0.275211	1.28003	493.193	1222.82	0.254124	0.404483	471.1229	352.8347	3.987926	100	13.1
1942.185	1297.685	326.2099	23.04447	0.299998	1.019339	495.1368	1223.728	0.277915	0.463008	357.5267	102.4064	1.157452	100	2.4
1942.337	1297.837	326.2145	23.04471	0.292253	1.084801	494.5312	1210.808	0.270498	0.444428	393.4024	142.9314	1.615487	100	4.1
1942.49	1297.99	326.2191	23.04495	0.2846	1.138784	491.206	1191.425	0.263182	0.426999	427.5513	235.6986	2.663993	100	7.9
1942.642	1298.142	326.2237	23.0452	0.267733	1.360563	485.1044	1173.284	0.247074	0.386553	505.5943	429.6349	4.855964	100	16.8
1942.795	1298.295	326.2283	23.04544	0.266916	1.314434	479.2296	1188.771	0.246319	0.388017	504.6173	427.6196	4.833188	100	16.8
1942.947	1298.447	326.2329	23.04568	0.271062	1.207703	477.9436	1217.185	0.2503	0.403002	478.443	370.1843	4.184024	100	14.1
1943.099	1298.599	326.2375	23.04593	0.272127	1.193736	481.4171	1245.248	0.251341	0.409069	468.6339	346.7967	3.919684	100	13
1943.252	1298.752	326.2422	23.04617	0.276652	1.229307	489.4231	1244.698	0.25569	0.422616	443.9379	282.7575	3.195879	100	10.2
1943.404	1298.904	326.2468	23.04641	0.287505	1.152784	497.3727	1230.871	0.266107	0.44489	398.824	153.029	1.729618	100	4.6
1943.557	1299.057	326.2514	23.04665	0.294371	1.083023	505.3789	1209.956	0.272721	0.453258	378.1494	121.3335	1.371378	100	3.2

1943.709	1299.209	326.256	23.0469	0.293753	1.117748	509.3059	1202.589	0.272151	0.445323	389.8859	137.1498	1.550142	100	3.8
1943.861	1299.361	326.2606	23.04714	0.296229	1.114425	510.4001	1206.586	0.274552	0.445061	386.9345	132.7049	1.499903	100	3.6
1944.014	1299.514	326.2653	23.04738	0.299761	1.009325	507.7547	1219.337	0.277971	0.452949	371.33	114.0703	1.289286	100	2.8
1944.166	1299.666	326.2699	23.04762	0.296686	1.026083	506.9222	1227.711	0.275039	0.451056	377.9892	121.1488	1.36929	100	3.1
1944.319	1299.819	326.2745	23.04787	0.297709	0.956821	508.9793	1223.995	0.276046	0.458849	365.8448	109.0119	1.232113	100	2.6
1944.471	1299.971	326.2791	23.04811	0.298213	0.93002	509.5635	1214.649	0.276554	0.465587	355.8458	101.2033	1.143856	100	2.3
1944.623	1300.123	326.2837	23.04835	0.291129	1.017693	512.9803	1202.385	0.269773	0.448446	388.8581	135.5618	1.532195	100	3.8
1944.776	1300.276	326.2884	23.0486	0.303416	0.915939	512.2614	1197	0.281605	0.46698	346.953	95.44065	1.078723	100	2
1944.928	1300.428	326.293	23.04884	0.297432	0.938705	509.6159	1200.578	0.275874	0.446769	382.7525	126.9718	1.435106	100	3.3
1945.081	1300.581	326.2976	23.04908	0.302695	0.8774	507.3672	1212.184	0.280959	0.455521	363.6572	107.1606	1.211188	100	2.5
1945.233	1300.733	326.3022	23.04932	0.300262	0.856327	505.5714	1231.814	0.278642	0.452573	370.9229	113.6728	1.284794	100	2.7
1945.385	1300.885	326.3068	23.04957	0.313462	0.773429	504.3425	1234.247	0.291379	0.491151	300.1097	75.02869	0.848016	100	1.1
1945.538	1301.038	326.3115	23.04981	0.295848	0.973773	502.9435	1221.774	0.274446	0.458473	368.5714	111.448	1.259647	100	2.8
1945.69	1301.19	326.3161	23.05005	0.276888	1.229728	502.3942	1208.884	0.256295	0.416685	451.2888	302.6388	3.420594	100	11
1945.843	1301.343	326.3207	23.05029	0.274003	1.39221	503.4316	1209.753	0.253559	0.408654	466.1461	340.689	3.850659	100	12.7
1945.995	1301.495	326.3253	23.05054	0.294898	1.111058	506.9051	1222.4	0.273604	0.452793	377.5712	120.6701	1.363881	100	3.2
1946.147	1301.647	326.3299	23.05078	0.295123	1.058422	508.7357	1234.005	0.273845	0.450037	381.0433	124.8013	1.410575	100	3.3
1946.3	1301.8	326.3345	23.05102	0.301281	1.022294	510.8495	1231.747	0.279787	0.463105	354.8089	100.4807	1.13569	100	2.3
1946.452	1301.952	326.3391	23.05127	0.28474	1.146838	512.3966	1229.175	0.263929	0.422755	432.3757	249.9629	2.825222	100	8.5
1946.605	1302.105	326.3438	23.05151	0.300673	1.029487	516.2668	1225.875	0.27925	0.457401	363.4223	106.9669	1.209001	100	2.5
1946.757	1302.257	326.3484	23.05175	0.313486	0.89356	521.1	1220.176	0.291614	0.482072	312.3133	79.30497	0.89635	100	1.3
1946.909	1302.409	326.353	23.05199	0.316616	0.843844	524.4038	1208.433	0.294657	0.483152	306.6236	77.24968	0.87312	100	1.2
1947.062	1302.562	326.3576	23.05224	0.296377	0.933307	524.2515	1191.477	0.27519	0.434363	400.8167	157.1487	1.776185	100	4.5
1947.214	1302.714	326.3622	23.05248	0.275924	1.036297	520.2463	1188.749	0.255608	0.388067	491.7278	400.1931	4.523211	100	14.9
1947.367	1302.867	326.3669	23.05272	0.269628	1.081605	512.8984	1201.864	0.249616	0.37294	520.8734	460.0554	5.19981	100	17.9
1947.519	1303.019	326.3715	23.05297	0.283692	0.946699	509.6295	1223.58	0.263091	0.40653	455.9232	314.8055	3.558112	100	11
1947.671	1303.171	326.3761	23.05321	0.297146	0.815068	510.6667	1243.21	0.276024	0.436093	397.2788	149.9922	1.695298	100	4.1
1947.824	1303.324	326.3807	23.05345	0.312405	0.730548	513.4602	1252.157	0.290736	0.468341	332.4742	87.74361	0.991729	100	1.6
1947.976	1303.476	326.3853	23.05369	0.314167	0.739976	515.6874	1254.642	0.29246	0.46942	328.6059	85.95448	0.971507	100	1.5
1948.129	1303.629	326.39	23.05394	0.320283	0.790221	518.2544	1251.237	0.298387	0.481337	303.9809	76.33277	0.862757	100	1.1
1948.281	1303.781	326.3946	23.05418	0.309678	0.851288	520.9537	1238.242	0.288178	0.455372	353.9	99.85911	1.128665	100	2.1
1948.433	1303.933	326.3992	23.05442	0.306405	0.85224	524.6585	1219.41	0.285049	0.447438	369.1679	112.0011	1.265902	100	2.6
1948.586	1304.086	326.4038	23.05466	0.281029	0.957775	521.3339	1204.121	0.260705	0.381003	494.4435	406.105	4.590035	100	14.9
1948.738	1304.238	326.4084	23.05491	0.286232	0.942118	515.9995	1212.597	0.265714	0.396084	466.7196	342.1035	3.866652	100	12
1948.891	1304.391	326.413	23.05515	0.284933	0.91022	504.9959	1237.126	0.264492	0.395246	469.5614	349.0551	3.945225	100	12.3
1949.043	1304.543	326.4177	23.05539	0.316272	0.662889	495.2091	1252.17	0.294656	0.478801	312.6302	79.42293	0.897684	100	1.2
1949.195	1304.695	326.4223	23.05564	0.319742	0.661224	493.6074	1251.372	0.298029	0.491101	290.9998	72.12233	0.815169	100	0.9
1949.348	1304.848	326.4269	23.05588	0.328658	0.726043	490.8651	1218.782	0.306671	0.513279	248.4686	60.67836	0.685822	100	0.5
1949.5	1305	326.4315	23.05612	0.307468	0.893772	495.9181	1182.749	0.286238	0.468806	338.0394	90.49758	1.022857	100	1.8
1949.653	1305.153	326.4361	23.05636	0.285302	1.248841	502.338	1152.66	0.264964	0.414167	442.8	279.6145	3.160368	100	9.7
1949.805	1305.305	326.4407	23.05661	0.280158	1.189022	507.5113	1150.086	0.26006	0.398943	470.5752	351.5121	3.972997	100	12.8
1949.957	1305.457	326.4453	23.05685	0.283758	1.070909	506.5659	1157.104	0.263531	0.406832	454.8992	312.1411	3.528003	100	11
1950.11	1305.61	326.45	23.05709	0.293728	0.884832	504.9969	1165.581	0.273118	0.431887	407.0924	171.7986	1.94177	100	5.1
1950.262	1305.762	326.4546	23.05733	0.284489	1.005324	508.4136	1159.361	0.264279	0.412252	446.3874	289.4634	3.271688	100	10
1950.415	1305.915	326.4592	23.05758	0.287435	1.080137	516.9296	1135.942	0.267127	0.423498	426.9386	233.8615	2.643242	100	7.7
1950.567	1306.067	326.4638	23.05782	0.275973	1.035628	525.9554	1108.145	0.256174	0.399355	475.37	362.974	4.102548	100	13.4
1950.719	1306.219	326.4684	23.05806	0.270118	0.961818	530.2227	1088.583	0.250602	0.381734	507.3756	433.2866	4.897264	100	16.7
1950.872	1306.372	326.4731	23.05831	0.267318	0.786989	529.7302	1079.964	0.247953	0.347043	558.9061	527.877	5.96638	100	20.8
1951.024	1306.524	326.4777	23.05855	0.277441	0.536573	529.2377	1073.535	0.257648	0.354452	535.3019	487.0222	5.504616	100	18.2
1951.177	1306.677	326.4823	23.05879	0.282985	0.379602	540.8129	1053.035	0.262979	0.358217	522.7498	463.6553	5.24051	100	16.8
1951.329	1306.829	326.4869	23.05903	0.286048	0.248196	566.3257	1040.768	0.265938	0.345103	536.7638	489.6659	5.534499	100	17.6
1951.481	1306.981	326.4915	23.05928	0.294075	0.166516	591.2728	1048.619	0.273663	0.317029	564.8446	537.5805	6.076057	100	18.8
1951.634	1307.134	326.4962	23.05952	0.298438	0.064446	610.6108	1082.215	0.277879	0.25817	640.2525	645.0084	7.290273	100	22.6
1951.786	1307.286	326.5008	23.05976	0.309051	0.010112	618.1641	1105.285	0.288116	0.240165	650.9714	658.3778	7.441384	100	22.2
1951.939	1307.439	326.5054	23.06001	0.318648	0.002683	616.3689	1115.743	0.297396	0.254959	617.7494	615.6022	6.957907	100	19.9
1952.091	1307.591	326.51	23.06025	0.316551	0.001634	599.8428	1122.238	0.295396	0.296893	562.6409	534.005	6.035647	100	17.2
1952.243	1307.743	326.5146	23.06049	0.321776	0.004595	574.6479	1146.35	0.300465	0.360117	468.3971	346.2185	3.913171	100	10.2
1952.396	1307.896	326.5192	23.06073	0.32176	0.019946	543.9003	1186.93	0.300473	0.399078	414.6204	193.4006	2.185931	100	4.8
1952.548	1308.048	326.5239	23.06098	0.322304	0.040498	514.5122	1222.82	0.301022	0.430463	370.5511	113.313	1.280732	100	2
1952.701	1308.201	326.5285	23.06122	0.311593	0.026	503.1975	1250.581	0.290708	0.420514	398.5141	152.4091	1.722621	100	3.6
1952.853	1308.353	326.5331	23.06146	0.325893	0.114451	510.3529	1270.523	0.304538	0.471462	309.1196	78.13706	0.883153	100	0.8
1953.005	1308.505	326.5377	23.0617	0.323881	0.249825	526.3477	1279.417	0.302617	0.468226	316.2364	80.79374	0.91318	100	1
1953.158	1308.658	326.5423	23.06195	0.302694	0.603147	541.1526	1272.675	0.282207	0.413396	420.0681	212.4457	2.401191	100	6.3
1953.31	1308.81	326.5469	23.06219	0.31035	0.746095	551.0854	1246.571	0.289603	0.420038	400.6957	156.8918	1.773287	100	4.1
1953.463	1308.963	326.5516	23.06243	0.314976	0.694799	557.0522	1190.673	0.294087	0.421789	392.0911	140.7101	1.590392	100	3.4
1953.615	1309.115	326.5562	23.06268	0.31739	0.478733	563.3585	1142.123	0.296441	0.435144	370.4134	113.1805	1.279236	100	2.3
1953.767	1309.267	326.5608	23.06292	0.295503	0.411532	580.7129	1115.91	0.275388	0.37571	481.4855	377.2212	4.263587	100	12.7
1953.92	1309.42	326.5654	23.06316	0.29556	0.549745	609.9086	1117.723	0.275466	0.351759	514.4302	447.4721	5.057606	100	15.5
1954.072	1309.572	326.57	23.0634	0.286541	0.757866	638.7648	1137.371	0.266834	0.276309	630.4621	632.4491	7.148333	100	23.4
1954.225	1309.725	326.5747	23.06365	0.288849	0.430634	658.4996	1160.795	0.269071	0.197887	735.5985	753.185	8.512962	100	27.9
1954.377	1309.877	326.5793	23.06389	0.296532	0.029069	656.0816	1186.327	0.27647	0.164154	771.9393	789.8197	8.927032	100	28.3
1954.529	1310.029	326.5839	23.06413	0.288555	0.006495	629.6409	1219.498	0.268835	0.171563	772.2499	790.1257	8.930493	100	29.2
1954.682	1310.182	326.5885	23.06437	0.284678	0.006626	589.1486	1245.903	0.265142	0.250419	668.5257	679.4926	7.68005	100	25.1
1954.834	1310.334	326.5931	23.06462	0.281636	0.007594	546.4459	1275.433	0.262251	0.312588	586.7214	571.5597	6.460124	100	21.1
1954.987	1310.487	326.5978	23.06486	0.304989	0.032456	520.3435	1275.468	0.284698	0.427024	397.8239	151.0483	1.707243	100	3.6
1955.139	1310.639	326.6024	23.0651	0.312361	0.116191	505.856	1264.66	0.291824	0.460614	341.6353	92.40542	1.044424	100	1.4
1955.291	1310.791	326.607	23.06535	0.30339	0.376534	497.0347	1248.537	0.283206	0.453255	363.6838	107.1826	1.211445	100	2.2
1955.444	1310.944	326.6116	23.06559	0.306747	0.573941	490.3098	1237.624	0.286461	0.471117	334.5421	88.74068	1.003003	100	1.6
1955.596	1311.096	326.6162	23.06583	0.302237	0.7224	484.3213	1233.486	0.282143	0.470087	341.9227	92.56271	1.046202	100	1.8
1955.749	1311.249	326.6208	23.06607	0.300325	0.81561	482.7522	1230.079	0.280328	0.468865	346.1137	94.94318	1.073108	100	2

1955.901	1311.401	326.6255	23.06632	0.287461	1.092718	484.5825	1224.795	0.267998	0.4429	398.9605	153.3038	1.732736	100	4.6
1956.053	1311.553	326.6301	23.06656	0.289059	1.270042	495.7045	1214.718	0.269554	0.447433	390.5585	138.2132	1.562173	100	4
1956.206	1311.706	326.6347	23.0668	0.25635	1.700103	505.4672	1207.349	0.238325	0.365557	546.6428	507.127	5.731871	100	21.2
1956.358	1311.858	326.6393	23.06705	0.268462	1.295353	512.3969	1198.105	0.249891	0.383804	505.501	429.4428	4.853834	100	16.7
1956.511	1312.011	326.6439	23.06729	0.28747	0.956282	513.4911	1181.772	0.268101	0.420079	430.312	243.9044	2.756762	100	8.1
1956.663	1312.163	326.6485	23.06753	0.300337	0.788119	513.3385	1161.792	0.28048	0.450313	371.5055	114.2429	1.291246	100	2.7
1956.815	1312.315	326.6531	23.06777	0.283449	0.848813	514.3191	1142.332	0.264293	0.407758	452.5698	306.0295	3.458941	100	10.7
1956.968	1312.468	326.6578	23.06802	0.281198	0.830311	515.243	1131.731	0.262161	0.40174	463.8162	334.9024	3.785281	100	11.9
1957.12	1312.62	326.6624	23.06826	0.267499	0.852596	512.371	1133.743	0.249089	0.363596	534.4939	485.5543	5.488046	100	19
1957.273	1312.773	326.667	23.0685	0.255512	0.850385	502.5303	1152.955	0.237691	0.341276	581.0247	562.9655	6.362998	100	23.4
1957.425	1312.925	326.6716	23.06874	0.239574	0.931022	489.2844	1191.97	0.222585	0.30294	654.7756	663.0328	7.494024	100	29.9
1957.577	1313.077	326.6762	23.06899	0.240985	0.902942	476.3728	1237.657	0.223944	0.326845	619.9112	618.5122	6.990822	100	27.6
1957.73	1313.23	326.6809	23.06923	0.263812	0.815714	471.1844	1267.606	0.245667	0.403687	483.8926	382.7183	4.325728	100	14.9
1957.882	1313.382	326.6855	23.06947	0.302603	0.828094	470.7433	1276.707	0.282848	0.489351	314.3647	80.07565	0.905067	100	1.4
1958.035	1313.535	326.6901	23.06972	0.309551	0.917088	474.0531	1268.192	0.289562	0.502707	286.67	70.81133	0.800355	100	1.1
1958.187	1313.687	326.6947	23.06996	0.306427	1.007547	477.7068	1250.087	0.286575	0.494196	302.5353	75.84055	0.857199	100	1.3
1958.339	1313.839	326.6993	23.0702	0.305605	1.065355	482.2694	1215.514	0.285808	0.490385	308.8538	78.04154	0.882076	100	1.4
1958.492	1313.992	326.704	23.07044	0.292516	1.336325	491.1128	1167.285	0.273247	0.464804	361.4899	105.4101	1.191414	100	2.7
1958.644	1314.144	326.7086	23.07069	0.263072	1.839463	504.5132	1130.312	0.245102	0.399616	490.2893	397.0318	4.487511	100	15.9
1958.797	1314.297	326.7132	23.07093	0.226584	2.321761	522.2115	1114.917	0.210513	0.280627	702.2276	717.7173	8.112108	100	34.9
1958.949	1314.449	326.7178	23.07117	0.219955	2.100579	540.4382	1109.32	0.204286	0.230399	780.1348	797.8592	9.017926	100	40.1
1959.101	1314.601	326.7224	23.07141	0.224309	1.414756	561.1668	1095.488	0.208413	0.242028	758.3913	776.3641	8.774975	100	38
1959.254	1314.754	326.727	23.07166	0.238842	0.569487	585.1234	1086.138	0.222172	0.300648	658.5078	667.556	7.545154	100	30.1
1959.406	1314.906	326.7317	23.0719	0.24735	0.462681	616.4403	1102.951	0.230263	0.262696	699.7166	714.961	8.080958	100	31.1
1959.559	1315.059	326.7363	23.07214	0.257785	2.064847	635.8817	1152.76	0.240206	0.185137	793.0274	810.3714	9.159352	100	34.6
1959.711	1315.211	326.7409	23.07239	0.274147	2.287652	638.8793	1181.671	0.255838	0.141334	831.9024	847.3059	9.576807	100	34
1959.863	1315.363	326.7455	23.07263	0.290556	0.920999	630.299	1182.079	0.271577	0.124864	832.9114	848.252	9.587502	100	31.6
1960.016	1315.516	326.7501	23.07287	0.260316	0.007162	615.1437	1153.854	0.242687	0.126711	870.2316	882.946	9.979639	100	36.6
1960.168	1315.668	326.7547	23.07311	0.22542	0.002706	596.9507	1122.348	0.209626	0.145628	889.7498	900.9351	10.18297	100	43.6
1960.321	1315.821	326.7594	23.07336	0.196059	0.00187	580.1207	1102.465	0.182075	0.173081	889.8853	901.0598	10.18437	100	50.5
1960.473	1315.973	326.764	23.0736	0.167797	0.001407	566.1124	1101.712	0.155815	0.180011	916.5605	925.5792	10.46151	100	61.1
1960.625	1316.125	326.7686	23.07384	0.180416	0.001941	555.2703	1099.556	0.16754	0.2066	863.6862	876.8954	9.911255	100	53.5
1960.778	1316.278	326.7732	23.07409	0.205085	0.002966	548.9556	1088.121	0.190594	0.270016	744.3583	762.1811	8.614676	100	40.4
1960.93	1316.43	326.7778	23.07433	0.233382	0.00432	545.8944	1059.071	0.217262	0.326622	629.439	631.1164	7.133298	100	28.8
1961.083	1316.583	326.7825	23.07457	0.242775	0.004959	547.2715	1031.688	0.226181	0.315715	632.1845	634.6839	7.173621	100	27.7
1961.235	1316.735	326.7871	23.07481	0.243472	0.01159	544.796	1027.132	0.226865	0.288791	668.3951	679.3389	7.678343	100	29.8
1961.387	1316.887	326.7917	23.07506	0.247723	0.010433	551.1588	1049.469	0.230921	0.275773	680.7616	693.6946	7.840599	100	29.9
1961.54	1317.04	326.7963	23.0753	0.251159	0.00786	549.0801	1082.125	0.234209	0.264098	692.337	706.7809	7.988511	100	30
1961.692	1317.192	326.8009	23.07554	0.255879	0.006132	554.8196	1112.906	0.23872	0.259903	691.8998	706.2924	7.982992	100	29.4
1961.845	1317.345	326.8056	23.07578	0.256684	0.005505	560.6161	1127.114	0.23951	0.251297	702.687	718.2201	8.117808	100	29.8
1961.997	1317.497	326.8102	23.07603	0.259345	0.005438	565.4495	1132.461	0.242066	0.258322	689.4639	703.5626	7.952138	100	28.9
1962.149	1317.649	326.8148	23.07627	0.261919	0.006091	564.7307	1132.181	0.244542	0.281076	654.6483	662.8777	7.492291	100	26.8
1962.302	1317.802	326.8194	23.07651	0.262408	0.00623	558.6293	1131.69	0.245031	0.292513	638.1893	642.3902	7.260729	100	25.8
1962.454	1317.954	326.824	23.07676	0.261632	0.00634	552.3008	1132.033	0.244315	0.29762	632.1296	634.6128	7.172822	100	25.6
1962.607	1318.107	326.8286	23.077	0.2545	0.005446	547.2757	1132.586	0.237549	0.272039	676.7677	689.1024	7.788702	100	28.8
1962.759	1318.259	326.8332	23.07724	0.253467	0.005158	543.4969	1133.658	0.23659	0.270434	680.3076	693.1746	7.83473	100	29.1
1962.911	1318.411	326.8379	23.07748	0.253162	0.005218	539.6617	1132.439	0.236323	0.271322	679.4503	692.1914	7.823619	100	29.1
1963.064	1318.564	326.8425	23.07773	0.252755	0.005097	537.2426	1126.111	0.23596	0.28295	663.9034	674.0211	7.618244	100	28.3
1963.216	1318.716	326.8471	23.07797	0.248326	0.004948	534.4272	1113.321	0.231776	0.275974	679.3053	692.0248	7.821736	100	29.7
1963.369	1318.869	326.8517	23.07821	0.246017	0.00507	534.3879	1105.221	0.229607	0.253079	713.8944	730.3528	8.254947	100	31.8
1963.521	1319.021	326.8563	23.07846	0.246232	0.005741	535.085	1109.629	0.229835	0.234211	739.6178	757.3271	8.559827	100	33
1963.673	1319.173	326.8609	23.0787	0.251922	0.007443	542.3544	1113.934	0.235261	0.219275	752.7403	770.6847	8.710805	100	32.8
1963.826	1319.326	326.8656	23.07894	0.260737	0.015201	555.0063	1108.007	0.243673	0.225341	732.7604	750.2448	8.479782	100	30.8
1963.978	1319.478	326.8702	23.07918	0.265065	0.045118	564.8256	1102.944	0.247822	0.222009	731.6331	749.0734	8.466543	100	30.2
1964.131	1319.631	326.8748	23.07943	0.269206	0.026164	566.2598	1110.688	0.251797	0.227501	718.5695	735.3414	8.311333	100	29.1
1964.283	1319.783	326.8794	23.07967	0.268734	0.256526	554.8023	1130.936	0.251369	0.241335	700.0681	715.3476	8.085352	100	28.4
1964.435	1319.935	326.884	23.07991	0.267766	0.15969	534.0163	1135.959	0.250469	0.259581	676.1309	688.3663	7.780392	100	27.3
1964.588	1320.088	326.8887	23.08015	0.260735	0.356969	503.3096	1120.485	0.243788	0.27754	660.5685	670.0353	7.573203	100	27.4
1964.74	1320.24	326.8933	23.0804	0.255701	0.538706	485.386	1093.366	0.239019	0.308445	624.5001	624.6271	7.059967	100	26
1964.893	1320.393	326.8979	23.08064	0.250877	0.704512	483.0067	1072.755	0.234456	0.320073	614.7498	611.5326	6.911966	100	26
1965.045	1320.545	326.9025	23.08088	0.26574	0.532597	501.4056	1064.481	0.24863	0.385407	505.0294	428.4706	4.842873	100	16.6
1965.197	1320.697	326.9071	23.08113	0.272346	0.593253	533.7032	1070.506	0.254959	0.401735	473.7624	359.1602	4.059478	100	13.3
1965.35	1320.85	326.9118	23.08137	0.272997	2.414339	569.1686	1087.333	0.255604	0.397061	479.3226	372.2291	4.207192	100	14.4
1965.502	1321.002	326.9164	23.08161	0.266527	3.208173	600.9136	1106.049	0.24945	0.343476	561.7612	532.5693	6.01947	100	21.8
1965.655	1321.155	326.921	23.08185	0.265604	2.737979	620.0312	1108.667	0.248593	0.269753	664.6828	674.948	7.628735	100	27.9
1965.807	1321.307	326.9256	23.0821	0.272651	1.156621	625.035	1115.276	0.255344	0.191138	763.8544	781.8162	8.836632	100	31.1
1965.959	1321.459	326.9302	23.08234	0.2867	0.026622	618.764	1116.262	0.268814	0.153282	797.5079	814.6848	9.208138	100	30.4
1966.112	1321.612	326.9348	23.08258	0.285819	0.005693	607.5066	1109.555	0.267993	0.121371	842.6771	857.3829	9.690744	100	32.2
1966.264	1321.764	326.9394	23.08283	0.276741	0.004896	596.3622	1101.771	0.259324	0.118711	858.3117	871.9181	9.855029	100	33.9
1966.417	1321.917	326.9441	23.08307	0.262374	0.004525	592.9799	1104.749	0.24563	0.127559	864.9996	878.1104	9.925021	100	36.1
1966.569	1322.069	326.9487	23.08331	0.245474	0.004008	590.1077	1117.433	0.229582	0.148969	857.5996	871.258	9.847572	100	38.5
1966.721	1322.221	326.9533	23.08355	0.242107	0.004421	581.9099	1130.321	0.226412	0.147364	864.1893	877.3608	9.916552	100	39.3
1966.874	1322.374	326.9579	23.0838	0.243203	0.004365	574.3351	1127.604	0.227475	0.172611	827.8827	843.5317	9.534191	100	37.5
1967.026	1322.526	326.9625	23.08404	0.251192	0.00581	575.8818	1121.78	0.235082	0.246575	715.3129	731.8708	8.272121	100	31.2
1967.179	1322.679	326.9672	23.08428	0.266929	0.005654	579.7518	1123.698	0.250091	0.31143	605.102	598.1822	6.761081	100	23.5
1967.331	1322.831	326.9718	23.08453	0.277453	0.006731	580.7892	1136.935	0.260169	0.319318	580.3082	561.8724	6.350679	100	21
1967.483	1322.983	326.9764	23.08477	0.285785	0.144526	577.0674	1147.106	0.268171	0.307068	586.1711	570.737	6.450875	100	20.8
1967.636	1323.136	326.981	23.08501	0.293379	0.009913	576.8013	1144.947	0.275479	0.349097	518.0848	454.6521	5.138802	100	15.6
1967.788	1323.288	326.9856	23.08525	0.28965	0.007968	575.5156	1130.8	0.271924	0.368206	496.6207	410.7923	4.643068	100	14.1
1967.941	1323.441	326.9903	23.0855	0.284513	0.012738	566.0148	1135.207	0.267021	0.367847	503.8812	426.0956	4.816036	100	15

1968.093	1323.593	326.9949	23.08574	0.280848	0.20166	538.3272	1177.242	0.263534	0.365187	512.3653	443.365	5.011228	100	16
1968.245	1323.745	326.9995	23.08598	0.278688	0.159622	508.7126	1233.038	0.26149	0.373171	504.1667	426.6874	4.822726	100	15.5
1968.398	1323.898	327.0041	23.08623	0.284051	0.21305	487.0297	1276.638	0.266648	0.404364	454.0028	309.7974	3.501552	100	10.5
1968.55	1324.05	327.0087	23.08647	0.298849	0.395323	479.6243	1285.841	0.280875	0.451381	369.4877	112.3007	1.269303	100	2.5
1968.703	1324.203	327.0134	23.08671	0.315547	0.536424	486.3834	1258.771	0.296981	0.495712	286.0842	70.6371	0.798391	100	0.8
1968.855	1324.355	327.018	23.08695	0.292265	0.810017	507.0802	1212.104	0.274596	0.440305	393.4362	142.9897	1.616173	100	4
1969.007	1324.507	327.0226	23.0872	0.274287	1.057201	532.4236	1174.088	0.257397	0.382981	496.2781	410.0577	4.634766	100	15.5
1969.16	1324.66	327.0272	23.08744	0.265285	0.938768	556.1805	1144.721	0.248826	0.329493	581.921	564.3291	6.378455	100	22.6
1969.312	1324.812	327.0318	23.08768	0.277611	0.727106	570.3628	1132.45	0.260623	0.337669	554.3572	520.2948	5.880748	100	19.6
1969.465	1324.965	327.0364	23.08792	0.282092	0.565636	572.4205	1145.508	0.264936	0.321007	571.3995	548.0447	6.194399	100	20.3
1969.617	1325.117	327.041	23.08817	0.284651	0.489342	561.1634	1190.461	0.26741	0.296193	602.2284	594.126	6.715243	100	22
1969.769	1325.269	327.0457	23.08841	0.278377	0.434651	536.3085	1252.302	0.261426	0.27464	640.2293	644.9791	7.290022	100	24.6
1969.922	1325.422	327.0503	23.08865	0.286297	0.295374	505.6175	1293.401	0.269034	0.351386	523.8205	465.6968	5.263644	100	16.6
1970.074	1325.574	327.0549	23.0889	0.3048	0.303054	487.1072	1308.857	0.286833	0.442229	373.8947	116.6638	1.318619	100	2.5
1970.227	1325.727	327.0595	23.08914	0.329462	0.456057	480.5519	1302.321	0.310659	0.528374	222.1347	54.77019	0.619053	100	0.1
1970.379	1325.879	327.0641	23.08938	0.302727	0.737959	481.1354	1305.789	0.284885	0.483612	319.4743	82.07173	0.927635	100	1.5
1970.531	1326.031	327.0687	23.08962	0.306268	0.868538	489.7079	1303.004	0.288316	0.489871	306.1026	77.06713	0.871069	100	1.3
1970.684	1326.184	327.0734	23.08987	0.301006	1.044243	490.1222	1307.723	0.283275	0.475798	332.4791	87.74597	0.991769	100	1.8
1970.836	1326.336	327.078	23.09011	0.306191	1.112704	488.6098	1317.655	0.288289	0.483015	315.601	80.54834	0.910416	100	1.5
1970.989	1326.489	327.0826	23.09035	0.305677	1.170487	486.021	1328.733	0.287817	0.480258	320.0558	82.30631	0.930287	100	1.6
1971.141	1326.641	327.0872	23.0906	0.311	1.156482	486.2648	1338.351	0.292969	0.492271	296.3698	73.80951	0.834249	100	1.3
1971.293	1326.793	327.0918	23.09084	0.32598	1.045308	490.5316	1339.11	0.307455	0.524135	232.4062	56.99108	0.644155	100	0.5
1971.446	1326.946	327.0965	23.09108	0.333998	1.046021	497.6875	1327.986	0.315237	0.540847	198.6042	50.0335	0.565516	100	0.2
1971.598	1327.098	327.1011	23.09132	0.321663	1.217561	509.7727	1307.897	0.303328	0.516992	247.9585	60.5569	0.684459	100	0.7
1971.751	1327.251	327.1057	23.09157	0.300733	1.486275	527.6372	1273.113	0.283175	0.47482	333.9668	88.46029	0.999844	100	2
1971.903	1327.403	327.1103	23.09181	0.272605	1.811654	554.2833	1223.213	0.256233	0.402822	470.5037	351.3393	3.971097	100	13.4
1972.055	1327.555	327.1149	23.09205	0.259091	1.560091	584.046	1193.326	0.243365	0.344539	568.6923	543.7536	6.145907	100	22.5
1972.208	1327.708	327.1196	23.09229	0.25546	1.253611	597.6052	1190.955	0.239933	0.282899	658.4928	667.5379	7.545011	100	28.3
1972.36	1327.86	327.1242	23.09254	0.266609	0.940123	586.8585	1216.521	0.250578	0.244563	696.7064	711.6389	8.043471	100	28.8
1972.513	1328.013	327.1288	23.09278	0.272366	0.648441	551.9755	1257.514	0.256098	0.249191	682.7019	695.9109	7.865704	100	27.4
1972.665	1328.165	327.1334	23.09302	0.273053	2.006682	522.0207	1284.122	0.256777	0.298221	614.1025	610.6494	6.902016	100	24.2
1972.817	1328.317	327.138	23.09327	0.287471	0.259917	503.7372	1292.699	0.270603	0.387338	472.0417	355.0456	4.01299	100	12.2
1972.97	1328.47	327.1426	23.09351	0.302246	0.378462	498.7114	1285.015	0.284817	0.457275	355.9129	101.2506	1.14441	100	2
1973.122	1328.622	327.1472	23.09375	0.305353	0.592416	493.6862	1272.43	0.28783	0.47811	323.0017	83.51977	0.944003	100	1.4
1973.275	1328.775	327.1519	23.09399	0.294328	0.782147	497.5561	1249.736	0.277253	0.453872	371.0476	113.7942	1.286188	100	2.8
1973.427	1328.927	327.1565	23.09424	0.279076	0.884813	510.7175	1211.302	0.262653	0.423784	432.7169	250.9587	2.836523	100	8.6
1973.579	1329.079	327.1611	23.09448	0.285014	0.667599	530.225	1166.302	0.268364	0.449606	389.2017	136.0878	1.538167	100	3.8
1973.732	1329.232	327.1657	23.09472	0.269883	0.753445	545.9366	1134.016	0.253912	0.42086	448.8148	296.0285	3.345938	100	10.8
1973.884	1329.384	327.1703	23.09496	0.255793	0.774903	547.201	1147.488	0.240505	0.385017	516.7794	452.1003	5.10998	100	18.4
1974.037	1329.537	327.175	23.09521	0.233029	1.812435	531.5815	1198.487	0.218936	0.301128	662.3118	672.1229	7.596841	100	31.5
1974.189	1329.689	327.1796	23.09545	0.245469	0.70576	507.8029	1273.147	0.230742	0.310455	633.1473	635.9283	7.187743	100	27.8
1974.341	1329.841	327.1842	23.09569	0.263306	0.242234	489.5195	1324.564	0.24773	0.360445	540.7189	496.7397	5.61453	100	19.6
1974.494	1329.994	327.1888	23.09594	0.317648	0.451359	480.5278	1347.733	0.299893	0.505856	268.0657	65.59542	0.741409	100	0.6
1974.646	1330.146	327.1934	23.09618	0.322989	0.765276	476.1256	1348.283	0.305075	0.522855	237.4565	58.12087	0.656926	100	0.4
1974.799	1330.299	327.1981	23.09642	0.31712	1.165511	474.67	1342.058	0.29943	0.512331	259.7705	63.45141	0.717176	100	0.8
1974.951	1330.451	327.2027	23.09666	0.306133	1.293464	477.4066	1337.604	0.288861	0.488284	307.5395	77.57282	0.876787	100	1.5
1975.103	1330.603	327.2073	23.09691	0.332456	1.034355	485.2992	1341.384	0.314303	0.538082	203.7095	51.02243	0.576694	100	0.3
1975.256	1330.756	327.2119	23.09715	0.336505	0.955508	494.3817	1353.607	0.318248	0.542134	192.6727	48.90989	0.552817	100	0.1
1975.408	1330.908	327.2165	23.09739	0.352427	0.840346	502.5012	1345.609	0.333724	0.570738	131.8426	38.7805	0.438327	79.5	0
1975.561	1331.061	327.2211	23.09764	0.343633	0.884819	506.2581	1327.71	0.325207	0.549664	172.6786	45.31206	0.512152	96.7	0
1975.713	1331.213	327.2258	23.09788	0.333611	0.952348	504.4626	1301.366	0.315514	0.525138	219.9007	54.30012	0.613742	100	0.3
1975.865	1331.365	327.2304	23.09812	0.32583	0.964991	502.2137	1277.316	0.308007	0.50627	256.2982	62.58221	0.707352	100	0.7
1976.018	1331.518	327.235	23.09836	0.312937	0.960806	503.4207	1260.457	0.295581	0.478771	311.3953	78.96539	0.892528	100	1.3
1976.17	1331.67	327.2396	23.09861	0.302061	0.887245	513.126	1258.92	0.285128	0.459711	352.1229	98.6744	1.115294	100	2.2
1976.323	1331.823	327.2442	23.09885	0.276595	0.917425	523.2286	1265.515	0.260721	0.414662	447.9717	293.7574	3.320273	100	10.5
1976.475	1331.975	327.2488	23.09909	0.264926	0.892109	529.0253	1261.269	0.2496	0.391862	494.783	406.8389	4.598408	100	15.9
1976.627	1332.127	327.2534	23.09933	0.285375	0.892244	533.0087	1234.927	0.269175	0.430151	414.9303	194.3999	2.197259	100	6.2
1976.78	1332.28	327.2581	23.09958	0.293158	0.956478	544.3573	1192.114	0.276663	0.433437	400.0626	155.5618	1.75828	100	4.5
1976.932	1332.432	327.2627	23.09982	0.276314	0.929119	556.6693	1154.407	0.260546	0.360001	523.6462	465.3651	5.259917	100	17.6
1977.085	1332.585	327.2673	23.10006	0.266691	1.388871	565.1855	1124.311	0.251376	0.294908	626.1275	626.7758	7.084308	100	25.3
1977.237	1332.737	327.2719	23.10031	0.259482	2.090846	568.3759	1105.992	0.244528	0.249379	698.4075	713.5187	8.064742	100	30.1
1977.389	1332.889	327.2765	23.10055	0.261048	0.018191	564.6541	1106.853	0.246042	0.264269	675.7705	687.9494	7.775739	100	28
1977.542	1333.042	327.2812	23.10079	0.261208	0.006217	551.7538	1138.671	0.246218	0.282994	649.6872	656.796	7.423621	100	26.6
1977.694	1333.194	327.2858	23.10103	0.262555	0.010514	530.9213	1182.789	0.247525	0.30757	613.9692	610.4673	6.899979	100	24.4
1977.847	1333.347	327.2904	23.10128	0.262848	0.010114	513.2613	1208.772	0.247827	0.330898	581.3584	563.4737	6.368819	100	22.4
1977.999	1333.499	327.295	23.10152	0.272516	0.153099	512.5981	1194.937	0.257077	0.375709	506.7546	432.0168	4.882992	100	16.1
1978.151	1333.651	327.2996	23.10176	0.280568	0.309989	523.6633	1164.425	0.264802	0.401531	460.4602	326.4518	3.689814	100	11.4
1978.304	1333.804	327.3043	23.10201	0.256396	0.628977	536.5984	1132.869	0.241752	0.334329	585.0082	568.9931	6.431206	100	23.5
1978.456	1333.956	327.3089	23.10225	0.230733	0.955676	546.5311	1103.292	0.21744	0.223491	771.5156	789.4021	8.922443	100	37.4
1978.609	1334.109	327.3135	23.10249	0.224683	3.76111	550.4013	1062.669	0.211751	0.142767	890.7654	901.8696	10.19364	100	44.8
1978.761	1334.261	327.3181	23.10273	0.219089	1.745033	553.5349	1019.23	0.206502	0.118816	931.0607	938.9086	10.61229	100	47.5
1978.913	1334.413	327.3227	23.10298	0.213777	1.870516	556.1019	992.2595	0.201528	0.116539	941.0682	948.1187	10.71638	100	49.2
1979.066	1334.566	327.3273	23.10322	0.213566	0.985107	552.0402	979.4649	0.201352	0.126441	927.6446	935.767	10.57678	100	48.4
1979.218	1334.718	327.332	23.10346	0.213726	1.424797	545.825	960.2084	0.201526	0.121479	934.253	941.8452	10.64548	100	48.8
1979.371	1334.871	327.3366	23.1037	0.20961	0.381926	544.5392	941.6817	0.197683	0.115366	947.9929	954.4995	10.78851	100	50.2
1979.523	1335.023	327.3412	23.10395	0.209422	0.326935	554.4711	949.6292	0.197529	0.120186	941.5537	948.5658	10.72144	100	49.9
1979.675	1335.175	327.3458	23.10419	0.22533	0.002425	563.4971	1010.215	0.212523	0.138815	895.1525	905.9046	10.23925	100	43.9
1979.828	1335.328	327.3504	23.10443	0.238115	0.002951	557.6793	1097.174	0.224631	0.165884	841.089	855.901	9.674076	100	39
1979.98	1335.48	327.355	23.10468	0.240617	0.006352	533.561	1186.842	0.227024	0.215874	768.802	786.7229	8.892167	100	35.2
1980.133	1335.633	327.3597	23.10492	0.25122	0.604263	506.9493	1253.373	0.237108	0.298086	641.4321	646.4987	7.307243	100	27.6

1980.285	1335.785	327.3643	23.10516	0.286069	2.358385	487.5326	1286.652	0.270396	0.438127	402.2381	160.2354	1.811108	100	5.3
1980.437	1335.937	327.3689	23.1054	0.305257	0.385605	479.6742	1288.766	0.288853	0.497706	294.548	73.22911	0.827694	100	0.9
1980.59	1336.09	327.3735	23.10565	0.298449	0.438017	477.4248	1269.092	0.282327	0.483442	323.2395	83.61961	0.945136	100	1.4
1980.742	1336.242	327.3781	23.10589	0.269337	0.832834	477.3288	1247.75	0.254459	0.418541	451.261	302.5648	3.41983	100	11.2
1980.895	1336.395	327.3828	23.10613	0.257625	1.34106	477.3461	1240.585	0.243316	0.389795	506.3068	431.0989	4.872627	100	17.6
1981.047	1336.547	327.3874	23.10637	0.269051	1.630387	477.3633	1249.053	0.254232	0.41696	453.756	309.1505	3.494269	100	11.8
1981.199	1336.699	327.392	23.10662	0.299992	1.373594	477.3807	1261.693	0.283903	0.480375	325.2957	84.49538	0.955035	100	1.8
1981.352	1336.852	327.3966	23.10686	0.299971	1.314897	477.7379	1273.081	0.283906	0.475701	331.7434	87.39827	0.987846	100	1.9
1981.504	1337.004	327.4012	23.1071	0.306119	1.244718	477.5853	1273.316	0.289845	0.49011	303.6611	76.22334	0.861538	100	1.4
1981.657	1337.157	327.4059	23.10735	0.305598	1.192697	477.2628	1265.734	0.289367	0.490519	303.758	76.25646	0.861912	100	1.4
1981.809	1337.309	327.4105	23.10759	0.301292	1.202507	474.9571	1262.112	0.285246	0.485365	316.5581	80.91863	0.914608	100	1.6
1981.961	1337.461	327.4151	23.10783	0.300012	1.208413	474.8611	1265.161	0.284038	0.486732	316.3375	80.83296	0.91364	100	1.6
1982.114	1337.614	327.4197	23.10807	0.292587	1.228982	477.8245	1277.8	0.276927	0.475632	341.4695	92.31506	1.04342	100	2.2
1982.266	1337.766	327.4243	23.10832	0.300858	1.1778	483.5073	1289.396	0.284898	0.496371	301.8488	75.609	0.854594	100	1.4
1982.419	1337.919	327.4289	23.10856	0.292183	1.231764	490.8336	1301.619	0.276585	0.476161	341.2107	92.1744	1.04183	100	2.2
1982.571	1338.071	327.4336	23.1088	0.285399	1.354674	494.0238	1306.752	0.270101	0.458827	374.0792	116.8566	1.320808	100	3.3
1982.723	1338.223	327.4382	23.10905	0.252933	1.852818	493.7014	1309.593	0.239131	0.372828	535.4973	487.3765	5.508726	100	20.7
1982.876	1338.376	327.4428	23.10929	0.247039	2.005054	489.6395	1309.724	0.233555	0.347247	578.4939	559.092	6.319314	100	24.5
1983.028	1338.528	327.4474	23.10953	0.257829	1.75492	489.8832	1312.563	0.243834	0.38122	517.4248	453.3637	5.124287	100	18.7
1983.181	1338.681	327.452	23.10977	0.259832	1.689239	489.674	1317.073	0.245765	0.389109	503.8743	426.0813	4.815921	100	17.3
1983.333	1338.833	327.4566	23.11002	0.279483	1.407537	490.6543	1325.75	0.264551	0.438619	409.6262	178.5288	2.017879	100	5.9
1983.485	1338.985	327.4612	23.11026	0.299185	1.240801	490.5585	1327.966	0.283474	0.483046	322.2024	83.18627	0.94024	100	1.7
1983.638	1339.138	327.4659	23.1105	0.313444	1.154344	491.6521	1325.802	0.297228	0.510786	264.9411	64.77617	0.732154	100	0.9
1983.79	1339.29	327.4705	23.11074	0.296061	1.375174	491.1028	1319.47	0.280518	0.472162	341.3016	92.22375	1.042389	100	2.2
1983.943	1339.443	327.4751	23.11099	0.302148	1.362591	490.7803	1319.183	0.286394	0.483311	317.8074	81.40797	0.92014	100	1.7
1984.095	1339.595	327.4797	23.11123	0.296701	1.325079	487.2282	1323.691	0.281179	0.469526	344.0275	93.73733	1.059497	100	2.2
1984.247	1339.747	327.4843	23.11147	0.298644	1.252373	487.0756	1323.614	0.28307	0.47377	335.5604	89.24278	1.008696	100	2
1984.4	1339.9	327.489	23.11172	0.29411	1.32116	481.7672	1319.157	0.278736	0.463917	355.139	100.7091	1.138298	100	2.5
1984.552	1340.052	327.4936	23.11196	0.308276	1.217735	480.3112	1316.994	0.292385	0.496548	291.272	72.20619	0.816134	100	1.2
1984.705	1340.205	327.4982	23.1122	0.328639	1.068289	478.1189	1319.417	0.312068	0.540016	204.1235	51.10353	0.577615	100	0.3
1984.857	1340.357	327.5028	23.11244	0.331167	1.051738	477.2295	1312.876	0.314537	0.546466	191.8154	48.74971	0.55101	100	0.2
1985.009	1340.509	327.5074	23.11269	0.305576	1.276476	476.907	1306.336	0.289855	0.495951	295.5887	73.55962	0.831432	100	1.3
1985.162	1340.662	327.5121	23.11293	0.286464	1.509099	477.8874	1295.417	0.271515	0.45186	381.7417	125.6768	1.420503	100	3.7
1985.314	1340.814	327.5167	23.11317	0.289022	1.473479	479.7743	1290.543	0.273991	0.454858	374.1884	116.971	1.322103	100	3.3
1985.467	1340.967	327.5213	23.11341	0.286405	1.476182	480.2449	1288.171	0.271505	0.453828	379.0417	122.3762	1.383198	100	3.5
1985.619	1341.119	327.5259	23.11366	0.303899	1.303553	479.0724	1288.092	0.288332	0.495857	297.8193	74.27753	0.839547	100	1.4
1985.771	1341.271	327.5305	23.1139	0.315646	1.185005	477.0502	1288.431	0.299676	0.521871	246.2658	60.15597	0.679933	100	0.7
1985.924	1341.424	327.5351	23.11414	0.313683	1.201795	475.9909	1291.062	0.297806	0.519881	251.5917	61.42878	0.69432	100	0.8
1986.076	1341.576	327.5398	23.11439	0.302065	1.298748	477.9344	1296.195	0.286636	0.495547	300.5869	75.18706	0.849827	100	1.4
1986.229	1341.729	327.5444	23.11463	0.292316	1.406391	480.3314	1305.08	0.277291	0.474377	342.6977	92.99048	1.051057	100	2.3
1986.381	1341.881	327.549	23.11487	0.302964	1.278536	485.3345	1309.588	0.287548	0.499528	293.8348	73.00419	0.825155	100	1.3
1986.533	1342.033	327.5536	23.11511	0.292506	1.38177	486.9384	1309.51	0.27752	0.48066	333.712	88.33688	0.998458	100	2.1
1986.686	1342.186	327.5582	23.11536	0.293865	1.432301	489.5051	1305.053	0.278848	0.481164	331.1837	87.13612	0.984886	100	2
1986.838	1342.338	327.5628	23.1156	0.286713	1.516341	491.1656	1296.218	0.272008	0.463351	365.205	108.4614	1.225922	100	3
1986.991	1342.491	327.5675	23.11584	0.285214	1.517794	492.9392	1294.263	0.270594	0.456183	377.0475	120.0773	1.357215	100	3.5
1987.143	1342.643	327.5721	23.11609	0.277322	1.553656	493.4665	1297.102	0.263061	0.43415	417.849	204.2976	2.309144	100	7.1
1987.295	1342.795	327.5767	23.11633	0.283128	1.408107	494.0882	1305.988	0.268642	0.441272	400.3198	156.0992	1.764365	100	4.9
1987.448	1342.948	327.5813	23.11657	0.288674	1.284518	494.6344	1310.495	0.273981	0.447625	384.1839	128.8641	1.456532	100	3.7
1987.6	1343.1	327.5859	23.11681	0.291202	1.255068	498.5419	1315.002	0.276429	0.450719	376.5358	119.5054	1.350752	100	3.3
1987.753	1343.253	327.5906	23.11706	0.301492	1.179939	499.787	1317.426	0.286339	0.471554	334.1071	88.52847	1.000624	100	1.9
1987.905	1343.405	327.5952	23.1173	0.314519	1.097163	499.3132	1319.847	0.298912	0.497952	280.3289	68.96256	0.779474	100	1
1988.057	1343.557	327.5998	23.11754	0.311667	1.105592	496.5166	1309.242	0.296185	0.489729	295.4399	73.5122	0.830898	100	1.2
1988.21	1343.71	327.6044	23.11778	0.300843	1.226539	495.2574	1295.82	0.285784	0.466353	342.0505	92.63287	1.047016	100	2.1
1988.362	1343.862	327.609	23.11803	0.293681	1.336099	496.5743	1285.421	0.278925	0.450746	373.0548	115.7972	1.308839	100	3.1
1988.515	1344.015	327.6137	23.11827	0.2912	1.352207	496.8417	1285.55	0.276566	0.451058	375.8792	118.7819	1.342575	100	3.3
1988.667	1344.167	327.6183	23.11851	0.297302	1.242152	495.8957	1288.493	0.28245	0.470934	340.3304	91.70048	1.036478	100	2.1
1988.819	1344.319	327.6229	23.11876	0.302998	1.145286	492.6038	1293.418	0.28795	0.486974	310.6043	78.67533	0.889256	100	1.5
1988.972	1344.472	327.6275	23.119	0.322972	1.014249	491.68	1300.53	0.307235	0.531401	222.6822	54.88606	0.620369	100	0.4
1989.124	1344.624	327.6321	23.11924	0.317441	1.041589	493.1812	1311.917	0.301916	0.518095	248.3841	60.65823	0.685612	100	0.7
1989.277	1344.777	327.6367	23.11948	0.307993	1.101325	499.4873	1315.278	0.292829	0.495679	291.8592	72.38763	0.818188	100	1.2
1989.429	1344.929	327.6413	23.11973	0.315791	1.080351	510.0995	1297.062	0.30037	0.509226	262.7579	64.21224	0.725782	100	0.8
1989.581	1345.081	327.646	23.11997	0.316531	1.112208	523.5447	1263.002	0.301107	0.507908	263.5605	64.41877	0.728117	100	0.9
1989.734	1345.234	327.6506	23.12021	0.294111	1.329408	530.2479	1233.737	0.279545	0.451254	371.4972	114.2348	1.29118	100	3
1989.886	1345.386	327.6552	23.12045	0.278486	1.381019	531.0585	1227.193	0.26459	0.402753	459.068	322.9056	3.64976	100	11.8
1990.039	1345.539	327.6598	23.1207	0.271991	1.295604	517.6485	1237.954	0.258403	0.377939	501.8483	421.8607	4.768235	100	16.2
1990.191	1345.691	327.6644	23.12094	0.287509	0.99842	509.3934	1255.49	0.273279	0.414885	430.3338	243.9687	2.757546	100	8.1
1990.343	1345.843	327.669	23.12118	0.296382	0.766145	504.1415	1267.398	0.281819	0.445119	376.8261	119.829	1.354412	100	3
1990.496	1345.996	327.6737	23.12143	0.299081	0.80534	502.7421	1276.595	0.284436	0.460583	351.8727	98.51077	1.113454	100	2.2
1990.648	1346.148	327.6783	23.12167	0.294134	0.878107	500.0398	1277.245	0.279705	0.452936	368.9553	111.8031	1.263696	100	2.8
1990.801	1346.301	327.6829	23.12191	0.307798	0.908926	498.8107	1262.469	0.292871	0.48643	304.5648	76.53342	0.865048	100	1.3
1990.953	1346.453	327.6875	23.12215	0.300534	1.119674	497.2415	1229.868	0.285903	0.471878	334.2635	88.6046	1.001487	100	1.9
1991.105	1346.605	327.6921	23.1224	0.299201	1.194536	494.596	1189.763	0.284643	0.470176	338.3495	90.65789	1.024695	100	2
1991.258	1346.758	327.6968	23.12264	0.283178	1.200458	490.9306	1156.64	0.269289	0.43347	410.1926	180.1044	2.035697	100	5.8
1991.41	1346.91	327.7014	23.12288	0.285357	1.083809	489.4179	1151.659	0.2714	0.438673	400.0987	155.6371	1.759147	100	4.7
1991.563	1347.063	327.706	23.12313	0.287395	0.972773	490.5116	1173.26	0.273377	0.445027	388.6022	135.1733	1.527847	100	3.8
1991.715	1347.215	327.7106	23.12337	0.299946	0.74378	494.2681	1213.831	0.285452	0.475165	330.3483	86.7486	0.980509	100	1.7
1991.867	1347.367	327.7152	23.12361	0.300675	0.722554	497.7416	1253.569	0.286176	0.475957	328.2569	85.79764	0.96976	100	1.6
1992.02	1347.52	327.7199	23.12385	0.301998	0.827831	500.9883	1277.568	0.287472	0.477516	324.3178	84.07608	0.950302	100	1.6
1992.172	1347.672	327.7245	23.1241	0.307352	0.932053	502.0256	1282.075	0.292648	0.486459	304.8323	76.62574	0.866091	100	1.3
1992.325	1347.825	327.7291	23.12434	0.320901	0.945501	502.4394	1273.344	0.305741	0.512473	250.8648	61.25309	0.692337	100	0.6

1992.477	1347.977	327.7337	23.12458	0.303066	1.158679	503.0233	1265.863	0.288568	0.471643	330.9087	87.00805	0.983442	100	1.8
1992.629	1348.129	327.7383	23.12483	0.289798	1.284249	503.2673	1256.402	0.275843	0.438774	393.8291	143.6717	1.623904	100	4.2
1992.782	1348.282	327.7429	23.12507	0.281374	1.282331	503.3978	1237.143	0.267792	0.424125	425.155	228.4807	2.58249	100	7.8
1992.934	1348.434	327.7476	23.12531	0.277185	1.298944	502.044	1202.143	0.263805	0.422136	433.402	252.9523	2.859091	100	9
1993.087	1348.587	327.7522	23.12555	0.273256	1.252793	501.3792	1177.672	0.260073	0.419571	442.0924	277.6506	3.138254	100	10.1
1993.239	1348.739	327.7568	23.1258	0.265728	1.258236	501.0726	1175.714	0.252907	0.407703	468.3571	346.1207	3.912163	100	13.4
1993.391	1348.891	327.7614	23.12604	0.272548	1.09459	508.3469	1193.667	0.259441	0.416551	447.1309	291.4828	3.294598	100	10.7
1993.544	1349.044	327.766	23.12628	0.2668	1.009223	518.697	1214.224	0.253976	0.387805	494.3426	405.8867	4.587693	100	15.8
1993.696	1349.196	327.7706	23.12653	0.272015	1.002935	529.8385	1218.002	0.258978	0.388309	486.7439	389.1508	4.398528	100	14.7
1993.849	1349.349	327.7753	23.12677	0.280537	0.982222	538.562	1217.505	0.267151	0.398595	461.2708	328.5056	3.713063	100	11.8
1994.001	1349.501	327.7799	23.12701	0.272184	0.992527	544.4154	1215.131	0.259186	0.363711	520.402	459.1465	5.189684	100	17.6
1994.153	1349.653	327.7845	23.12725	0.268153	1.005621	546.9083	1215.051	0.25536	0.339856	558.6021	527.3744	5.960858	100	20.8
1994.306	1349.806	327.7891	23.1275	0.26838	0.95499	546.7198	1212.886	0.255599	0.330482	571.2079	547.7425	6.191075	100	21.6
1994.458	1349.958	327.7937	23.12774	0.279689	0.82783	544.0748	1204.987	0.266432	0.361291	513.7421	446.1076	5.042308	100	16.5
1994.611	1350.111	327.7984	23.12798	0.275956	0.78919	541.5388	1189.793	0.262883	0.369659	507.0922	432.7074	4.890849	100	16.2
1994.763	1350.263	327.803	23.12823	0.26681	0.8583	536.6935	1180.539	0.25417	0.371889	516.0386	450.6459	5.093604	100	17.6
1994.915	1350.415	327.8076	23.12847	0.262603	0.785002	528.4223	1194.947	0.250181	0.378339	512.642	443.9175	5.017554	100	17.6
1995.068	1350.568	327.8122	23.12871	0.252355	0.783167	515.7217	1239.165	0.240449	0.363403	546.6844	507.199	5.73282	100	21.2
1995.22	1350.72	327.8168	23.12895	0.270411	0.691156	505.7541	1284.427	0.257676	0.411762	456.1757	315.4606	3.565621	100	11.6
1995.373	1350.873	327.8215	23.1292	0.28544	0.765308	503.2369	1314.887	0.272078	0.442955	393.2552	142.6779	1.612674	100	4.1
1995.525	1351.025	327.8261	23.12944	0.306253	0.800135	513.2517	1315.016	0.292096	0.492656	297.0422	74.02594	0.836708	100	1.2
1995.677	1351.177	327.8307	23.12968	0.301775	1.021251	523.9597	1304.93	0.287809	0.489708	307.027	77.39164	0.87475	100	1.4
1995.83	1351.33	327.8353	23.12992	0.266385	1.535235	528.1105	1299.637	0.253925	0.409079	465.055	337.9873	3.82024	100	13.1
1995.982	1351.482	327.8399	23.13017	0.23792	2.166753	520.3041	1297.366	0.226892	0.320394	624.7444	624.9502	7.063754	100	28.7
1996.135	1351.635	327.8445	23.13041	0.235057	1.930731	505.1964	1294.576	0.224206	0.304979	649.7257	656.8435	7.424242	100	30.5
1996.287	1351.787	327.8491	23.13065	0.266583	1.28221	487.8693	1288.032	0.254183	0.399946	477.3027	367.5209	4.154056	100	14.2
1996.439	1351.939	327.8538	23.1309	0.277184	1.062918	472.3634	1274.401	0.264334	0.432385	418.5285	206.733	2.336684	100	7
1996.592	1352.092	327.8584	23.13114	0.27419	1.298594	460.312	1264.939	0.261494	0.435287	418.4436	206.426	2.333215	100	7.1
1996.744	1352.244	327.863	23.13138	0.273499	1.394761	452.2846	1254.746	0.260856	0.44001	412.8046	187.7305	2.121901	100	6.4
1996.897	1352.397	327.8676	23.13162	0.270771	1.538194	448.2646	1236.008	0.258272	0.438117	418.9832	208.3917	2.355434	100	7.4
1997.049	1352.549	327.8722	23.13187	0.257628	1.882606	448.8941	1206.533	0.245764	0.408603	476.9737	366.7499	4.145342	100	15
1997.201	1352.701	327.8768	23.13211	0.276454	1.622669	455.6526	1169.761	0.26375	0.450249	394.6811	145.1765	1.640917	100	4.7
1997.354	1352.854	327.8815	23.13235	0.274294	1.513979	468.4308	1144.246	0.261708	0.444999	404.7446	165.9997	1.876281	100	5.6
1997.506	1353.006	327.8861	23.1326	0.258427	1.681463	494.1687	1140.932	0.246593	0.408581	475.86	364.1308	4.11574	100	14.7
1997.659	1353.159	327.8907	23.13284	0.246477	1.626651	520.7601	1141.685	0.235257	0.364299	552.6133	517.3526	5.847594	100	22.5
1997.811	1353.311	327.8953	23.13308	0.260126	1.244687	545.4529	1123.988	0.248258	0.377366	516.6394	451.8259	5.106952	100	18.3
1997.963	1353.463	327.8999	23.13332	0.269912	0.986543	564.7924	1099.83	0.257613	0.37202	511.1063	440.8427	4.982811	100	17
1998.116	1353.616	327.9046	23.13357	0.277548	0.765714	581.9509	1087.968	0.264934	0.352001	528.6293	474.7526	5.366091	100	17.8
1998.268	1353.768	327.9092	23.13381	0.282458	0.516298	596.8024	1118.323	0.269657	0.317501	569.7227	545.3918	6.164521	100	20.2
1998.421	1353.921	327.9138	23.13405	0.288594	0.31513	607.897	1157.746	0.275561	0.276959	617.523	615.2963	6.954648	100	22.4
1998.573	1354.073	327.9184	23.13429	0.294139	0.121883	614.4157	1187.503	0.280906	0.271133	618.1854	616.1906	6.964757	100	21.9
1998.725	1354.225	327.923	23.13454	0.29565	0.023881	616.0616	1201.754	0.28238	0.277679	607.1182	601.0059	6.793124	100	21.1
1998.878	1354.378	327.9277	23.13478	0.290681	0.007487	610.2426	1210.118	0.277632	0.246056	657.3101	666.1091	7.528983	100	24.1
1999.03	1354.53	327.9323	23.13502	0.286111	0.006691	596.2954	1209.232	0.273272	0.214912	706.3061	722.1657	8.162588	100	26.7
1999.183	1354.683	327.9369	23.13527	0.276937	0.008485	570.5797	1195.06	0.26451	0.258572	658.1462	667.1195	7.540403	100	25.4
1999.335	1354.835	327.9415	23.13551	0.278121	0.011869	548.0843	1172.38	0.265666	0.361979	513.8503	446.3224	5.044751	100	16.2
1999.487	1354.987	327.9461	23.13575	0.283919	0.00755	526.8044	1155.412	0.27124	0.419256	427.1144	234.3892	2.649286	100	7.4
1999.64	1355.14	327.9507	23.13599	0.247698	0.995334	504.6441	1150.662	0.236714	0.344573	577.823	558.0592	6.307706	100	24.1
1999.792	1355.292	327.9553	23.13624	0.226145	3.059784	479.8409	1146.069	0.216335	0.261835	720.1253	736.9925	8.330176	100	36.1
1999.945	1355.445	327.96	23.13648	0.231033	3.573297	465.4711	1129.485	0.220974	0.24009	743.7322	761.5419	8.607658	100	36.6
2000.097	1355.597	327.9646	23.13672	0.242165	3.892865	471.4543	1098.136	0.231534	0.310602	631.853	634.2546	7.16894	100	29
2000.249	1355.749	327.9692	23.13696	0.25368	0.923444	500.3116	1051.672	0.24249	0.381785	518.5005	455.4616	5.148054	100	18.8
2000.402	1355.902	327.9738	23.13721	0.239017	1.119108	543.8616	1019.409	0.228596	0.353327	576.9464	556.7062	6.292415	100	25
2000.554	1356.054	327.9784	23.13745	0.215346	1.469753	576.5099	1023.287	0.206276	0.256491	741.3822	759.1376	8.580486	100	38.7
2000.707	1356.207	327.9831	23.13769	0.216092	3.689275	581.8664	1063.752	0.207001	0.184109	840.2672	855.1338	9.665527	100	44.2
2000.859	1356.359	327.9877	23.13794	0.229618	3.010664	556.3235	1124.438	0.219775	0.156994	860.0592	873.5374	9.87354	100	42.3
2001.011	1356.511	327.9923	23.13818	0.234089	3.080504	515.5179	1152.71	0.224024	0.177349	826.105	841.8598	9.515491	100	40
2001.164	1356.664	327.9969	23.13842	0.238771	0.017035	483.1617	1150.649	0.228478	0.27059	691.2857	705.6056	7.97542	100	31.7
2001.316	1356.816	328.0015	23.13866	0.266704	0.237024	471.5354	1128.573	0.255056	0.38982	490.0714	396.5511	4.482196	100	15
2001.469	1356.969	328.0062	23.13891	0.287801	0.417773	477.2616	1110.146	0.275259	0.458127	367.9281	110.8598	1.253043	100	2.6
2001.621	1357.121	328.0108	23.13915	0.269168	0.798586	490.5335	1104.226	0.257453	0.421996	442.36	278.394	3.146672	100	10.1
2001.773	1357.273	328.0154	23.13939	0.26983	0.851585	503.6683	1092.053	0.258108	0.420103	444.0702	283.1219	3.200112	100	10.3
2001.926	1357.426	328.02	23.13964	0.267864	0.698325	518.2541	1089.99	0.256254	0.409002	461.9458	330.2095	3.73234	100	12.3
2002.078	1357.578	328.0246	23.13988	0.260795	0.673278	526.2322	1088.552	0.249536	0.379585	511.8133	442.2608	4.998851	100	17.6
2002.231	1357.731	328.0292	23.14012	0.259552	0.628007	535.0056	1105.564	0.248375	0.365896	532.3066	481.5562	5.443006	100	19.4
2002.383	1357.883	328.0339	23.14036	0.261499	0.523092	546.6376	1114.141	0.250253	0.36381	532.5933	482.0824	5.448955	100	19.2
2002.535	1358.035	328.0385	23.14061	0.265516	0.428356	571.1305	1120.956	0.254105	0.369109	519.9645	458.3014	5.180158	100	17.8
2002.688	1358.188	328.0431	23.14085	0.248111	1.023554	599.4764	1126.345	0.237564	0.301331	636.3242	640.0105	7.234009	100	27.8
2002.84	1358.34	328.0477	23.14109	0.241078	1.176736	618.8709	1137.789	0.230915	0.219072	759.0178	776.9912	8.782297	100	35.2
2002.993	1358.493	328.0523	23.14133	0.251064	1.637769	622.2883	1146.881	0.240415	0.166446	818.5317	834.7165	9.434765	100	36.5
2003.145	1358.645	328.0569	23.14158	0.255241	0.778208	616.4702	1145.844	0.244409	0.172896	804.1191	821.0191	9.279943	100	35
2003.297	1358.797	328.0615	23.14182	0.250283	0.007237	618.4701	1133.998	0.239718	0.213775	754.1797	772.1352	8.727412	100	33.1
2003.45	1358.95	328.0662	23.14206	0.260689	0.005247	629.3354	1121.93	0.249642	0.311523	605.593	598.8716	6.769022	100	24.1
2003.602	1359.102	328.0708	23.14231	0.26546	0.009206	652.4619	1127.292	0.254212	0.338208	562.461	533.7117	6.032521	100	20.9
2003.755	1359.255	328.0754	23.14255	0.252538	1.024601	672.6219	1151.285	0.241931	0.249428	701.9258	717.3867	8.108594	100	30.8
2003.907	1359.407	328.08	23.14279	0.266771	2.476445	686.9615	1191.226	0.255509	0.158921	808.0873	824.805	9.32274	100	34.1
2004.059	1359.559	328.0846	23.14303	0.281887	2.826078	687.5937	1204.329	0.26998	0.119722	842.2114	856.9484	9.686058	100	33.6
2004.212	1359.712	328.0893	23.14328	0.284484	2.584879	682.1373	1183.296	0.272491	0.121664	836.0662	851.2067	9.621158	100	33
2004.364	1359.864	328.0939	23.14352	0.284824	1.750509	670.0789	1161.949	0.27284	0.114592	845.3444	859.8693	9.719072	100	33.1
2004.517	1360.017	328.0985	23.14376	0.278967	0.00845	659.6649	1151.756	0.267254	0.114712	852.8868	866.8848	9.798371	100	33.4

2004.669	1360.169	328.1031	23.144	0.268285	0.414523	651.6221	1153.549	0.257067	0.115599	865.7198	878.7764	9.932783	100	35.5
2004.821	1360.321	328.1077	23.14425	0.24555	0.004167	646.0073	1126.366	0.235454	0.153313	843.5015	858.1517	9.699661	100	37.8
2004.974	1360.474	328.1124	23.14449	0.226188	0.004515	638.9168	1064.473	0.217155	0.207042	794.6076	811.8946	9.176821	100	38.9
2005.126	1360.626	328.117	23.14473	0.219372	0.002895	624.5656	939.205	0.210753	0.285706	694.8871	709.6214	8.020831	100	34.9
2005.279	1360.779	328.1216	23.14498	0.18847	0.002128	601.7202	838.5343	0.181817	0.279113	743.9163	761.7299	8.60981	100	44.1
2005.431	1360.931	328.1262	23.14522	0.125655	0.003158	569.1516	795.3997	0.124722	0.249025	864.2298	877.3983	9.917209	100	78.2
2005.583	1361.083	328.1308	23.14546	0.074316	2.410607	534.5641	838.2592	0.080795	0.208483	980.7964	984.8588	11.13183	100	100
2005.736	1361.236	328.1355	23.1457	0.080896	3.281145	503.2834	929.0676	0.086451	0.238333	931.7985	939.5872	10.62013	100	100
2005.888	1361.388	328.1401	23.14595	0.118149	2.634694	481.7401	1044.685	0.118364	0.294268	810.5681	827.166	9.349436	100	78.8
2006.041	1361.541	328.1447	23.14619	0.193204	0.518163	478.9001	1138.311	0.186348	0.374753	605.6803	598.9941	6.770417	100	33.5
2006.193	1361.693	328.1493	23.14643	0.226752	0.171916	494.1926	1194.829	0.217869	0.385519	547.3244	508.3065	5.745378	100	23.6
2006.345	1361.845	328.1539	23.14668	0.261659	0.378965	518.4586	1208.299	0.251	0.433974	434.7359	256.8143	2.902766	100	9.3
2006.498	1361.998	328.1585	23.14692	0.275725	0.658485	542.344	1197.271	0.264449	0.440711	406.8786	171.2538	1.935678	100	5.4
2006.65	1362.15	328.1631	23.14716	0.284895	0.703325	550.9858	1183.533	0.273251	0.448312	384.2443	128.9456	1.45747	100	3.5
2006.803	1362.303	328.1678	23.1474	0.270229	0.794878	548.8305	1188.87	0.259244	0.396645	474.8733	361.7988	4.089406	100	13.6
2006.955	1362.455	328.1724	23.14765	0.255351	0.642084	528.8317	1217.554	0.245085	0.328388	588.6075	574.3681	6.492072	100	23.9
2007.107	1362.607	328.177	23.14789	0.258112	0.312389	503.2232	1256.039	0.247736	0.322178	593.5181	581.5952	6.573761	100	23.8
2007.26	1362.76	328.1816	23.14813	0.263461	0.235536	480.2997	1281.181	0.252855	0.356727	538.777	493.2806	5.575544	100	19.4
2007.412	1362.912	328.1862	23.14837	0.292826	0.266645	475.275	1277.554	0.280973	0.449968	371.3021	114.043	1.289027	100	2.6
2007.565	1363.065	328.1909	23.14862	0.292546	0.606591	482.7272	1265.901	0.280727	0.467926	346.8591	95.38467	1.078132	100	2
2007.717	1363.217	328.1955	23.14886	0.277079	0.878216	501.6501	1248.098	0.265928	0.44503	398.8784	153.1384	1.730921	100	4.7
2007.869	1363.369	328.2001	23.1491	0.258553	1.725747	518.5659	1243.532	0.24827	0.391158	497.5905	412.8652	4.666611	100	16.9
2008.022	1363.522	328.2047	23.14935	0.267133	1.610018	533.3361	1228.544	0.256471	0.406718	464.7996	337.3528	3.813094	100	13
2008.174	1363.674	328.2093	23.14959	0.288717	1.270163	544.8395	1193.959	0.277143	0.46179	360.2726	104.4614	1.180726	100	2.7
2008.327	1363.827	328.214	23.14983	0.286431	1.08702	554.9634	1154.37	0.274974	0.459417	366.541	109.62	1.239034	100	2.9
2008.479	1363.979	328.2186	23.15007	0.241301	1.285469	558.9713	1126.559	0.231973	0.343304	586.1177	570.6571	6.450135	100	25.5
2008.631	1364.131	328.2232	23.15032	0.223448	1.966185	546.991	1143.673	0.215118	0.251551	735.9965	753.5962	8.517893	100	37.1
2008.784	1364.284	328.2278	23.15056	0.241764	3.941039	517.2369	1162.665	0.232457	0.245342	720.6377	737.5354	8.336359	100	33.9
2008.936	1364.436	328.2324	23.1508	0.265673	2.989127	473.8279	1171.233	0.255215	0.306455	604.8951	597.8915	6.757966	100	24.6
2009.089	1364.589	328.237	23.15104	0.286039	1.954706	440.463	1148.948	0.274713	0.40382	443.6246	281.8939	3.186247	100	10
2009.241	1364.741	328.2417	23.15129	0.280529	0.011113	424.9597	1108.005	0.269457	0.414777	435.7575	259.7545	2.936005	100	8.5
2009.393	1364.893	328.2463	23.15153	0.244285	0.109381	421.7458	1073.94	0.234938	0.367618	548.4726	510.2863	5.767766	100	21.8
2009.546	1365.046	328.2509	23.15177	0.21287	0.255306	425.8194	1068.122	0.205297	0.324391	649.0308	655.9855	7.414607	100	33.2
2009.698	1365.198	328.2555	23.15202	0.223211	0.559599	435.6269	1090.552	0.215055	0.362488	582.9916	565.9522	6.396958	100	27.1
2009.851	1365.351	328.2601	23.15226	0.237339	1.189825	449.1797	1125.804	0.228425	0.400969	511.4364	441.5054	4.990337	100	19.7
2010.003	1365.503	328.2647	23.1525	0.255172	0.962141	458.6588	1159.596	0.245372	0.43312	443.681	282.0496	3.188009	100	11
2010.155	1365.655	328.2693	23.15274	0.26022	0.929426	462.9822	1177.964	0.2502	0.437556	430.8973	245.6291	2.776347	100	9.2
2010.308	1365.808	328.274	23.15299	0.268207	1.114872	463.9061	1183.717	0.257838	0.451007	401.7942	159.2576	1.80009	100	5.3
2010.46	1365.96	328.2786	23.15323	0.249616	1.663306	461.827	1186.343	0.240158	0.406245	487.9634	391.8761	4.429379	100	16.5
2010.613	1366.113	328.2832	23.15347	0.260558	1.822095	462.1274	1186.26	0.25059	0.431875	438.198	266.7169	3.014704	100	10.4
2010.765	1366.265	328.2878	23.15372	0.251414	1.862233	460.4658	1182.111	0.241912	0.411664	478.0646	369.3021	4.174224	100	15.5
2010.917	1366.417	328.2924	23.15396	0.263785	1.59899	452.7097	1162.952	0.253711	0.440076	422.5749	220.609	2.493546	100	8.2
2011.07	1366.57	328.2971	23.1542	0.278098	1.366477	436.4743	1125.76	0.267404	0.471268	360.6332	104.7399	1.183877	100	2.9
2011.222	1366.722	328.3017	23.15444	0.263837	1.597046	414.3438	1050.941	0.253806	0.444344	416.554	199.7959	2.258295	100	7.3
2011.375	1366.875	328.3063	23.15469	0.23892	1.955821	391.7957	986.7514	0.23015	0.394212	518.3814	455.2298	5.145468	100	20.4
2011.527	1367.027	328.3109	23.15493	0.203652	2.984572	375.1129	945.389	0.196942	0.332763	649.0065	655.9555	7.414275	100	35.7
2011.679	1367.179	328.3155	23.15517	0.179135	3.198984	365.6452	922.2686	0.174088	0.295098	732.5229	749.9982	8.477242	100	46.7
2011.832	1367.332	328.3202	23.15541	0.173736	3.059796	366.9664	909.3627	0.1691	0.308357	721.1095	738.0348	8.342022	100	47.4
2011.984	1367.484	328.3248	23.15566	0.164305	2.967685	370.383	885.5128	0.160395	0.306367	735.8684	753.4639	8.516416	100	51.2
2012.137	1367.637	328.3294	23.1559	0.163252	3.330266	377.709	846.4454	0.159445	0.303323	741.3807	759.1361	8.58053	100	52
2012.289	1367.789	328.334	23.15614	0.16047	3.864869	390.3607	824.2621	0.1569	0.295291	755.9755	773.9412	8.747874	100	54
2012.441	1367.941	328.3386	23.15639	0.16794	3.540952	420.7458	837.5192	0.163824	0.313825	720.8452	737.7551	8.33886	100	49.1
2012.594	1368.094	328.3432	23.15663	0.153417	3.724518	454.4176	868.4961	0.150451	0.269734	800.1443	817.2149	9.236998	100	59.8
2012.746	1368.246	328.3479	23.15687	0.13957	3.547458	480.7243	923.551	0.137781	0.189585	928.2348	936.3097	10.58313	100	75.5
2012.899	1368.399	328.3525	23.15711	0.14332	2.63655	497.4559	974.5427	0.141234	0.135041	998.7401	1001.591	11.32101	100	78.6
2013.051	1368.551	328.3571	23.15736	0.15538	2.289749	503.4226	1006.251	0.152326	0.115502	1010.398	1012.523	11.44457	100	73.2
2013.203	1368.703	328.3617	23.1576	0.159783	2.433469	505.8195	1014.715	0.156404	0.13509	977.7379	982.0168	11.09976	100	68.9
2013.356	1368.856	328.3663	23.15784	0.161829	1.186402	506.9699	1007.125	0.158313	0.137416	971.8936	976.5935	11.03846	100	67.4
2013.508	1369.008	328.3709	23.15808	0.162292	0.275203	509.5365	999.6396	0.158764	0.151826	951.3864	957.6293	10.82411	100	65.7
2013.661	1369.161	328.3756	23.15833	0.159529	0.50216	510.4038	992.4677	0.156238	0.145712	963.3091	968.6434	10.9486	100	67.7
2013.813	1369.313	328.3802	23.15857	0.155596	0.013258	506.3983	991.3401	0.152638	0.152546	958.8468	964.5176	10.90197	100	69.1
2013.965	1369.465	328.3848	23.15881	0.157349	0.001516	514.574	999.907	0.154274	0.180669	917.7782	926.6982	10.4745	100	65.5
2014.118	1369.618	328.3894	23.15906	0.164169	0.001	519.6903	1011.601	0.160587	0.229891	841.1399	855.9485	9.674813	100	57.6
2014.27	1369.77	328.394	23.1593	0.176373	0.001508	527.1862	1028.61	0.17191	0.229724	825.7459	841.5218	9.51175	100	52.5
2014.423	1369.923	328.3987	23.15954	0.186006	0.00136	532.3027	1028.735	0.18089	0.20069	853.4207	867.3807	9.804035	100	51.3
2014.575	1370.075	328.4033	23.15978	0.180013	0.001158	536.8525	1028.859	0.175336	0.182685	885.9312	897.4206	10.14358	100	55
2014.727	1370.227	328.4079	23.16003	0.174951	0.001148	537.5498	1026.898	0.170659	0.163145	919.3506	928.1432	10.49084	100	58.7
2014.88	1370.38	328.4125	23.16027	0.177888	0.00118	534.281	1027.021	0.173407	0.144756	940.9345	947.9955	10.71523	100	59
2015.032	1370.532	328.4171	23.16051	0.179055	0.001145	534.2979	1023.809	0.174514	0.148041	934.8742	942.4169	10.65218	100	58.2
2015.185	1370.685	328.4218	23.16076	0.178968	0.001287	533.1822	1018.513	0.174456	0.15171	929.8911	937.8328	10.60036	100	57.9
2015.337	1370.837	328.4264	23.161	0.179701	0.000769	536.7119	1008.629	0.17516	0.146843	935.6354	943.1173	10.66009	100	58
2015.489	1370.989	328.431	23.16124	0.17933	0.000744	539.2787	1007.502	0.174838	0.146963	935.9145	943.3741	10.663	100	58.2
2015.642	1371.142	328.4356	23.16148	0.178926	0.000829	540.8824	1010.752	0.174485	0.146988	936.3674	943.791	10.66771	100	58.3
2015.794	1371.294	328.4402	23.16173	0.179484	0.000827	540.163	1020.049	0.175027	0.140682	944.3214	951.1155	10.7505	100	58.6
2015.947	1371.447	328.4448	23.16197	0.179646	0.00076	534.4014	1027.552	0.1752	0.138022	947.7549	954.28	10.78627	100	58.8
2016.099	1371.599	328.4494	23.16221	0.181543	0.000757	534.305	1033.211	0.176986	0.133251	951.8735	958.0787	10.82921	100	58.4
2016.251	1371.751	328.4541	23.16245	0.18253	0.000952	535.6818	1039.787	0.177927	0.136152	946.5707	953.1884	10.77394	100	57.7
2016.404	1371.904	328.4587	23.1627	0.188861	0.001294	533.7162	1034.807	0.183846	0.150945	917.9884	926.8913	10.4767	100	54.1
2016.556	1372.056	328.4633	23.16294	0.196512	0.00286	524.0452	1028.736	0.191011	0.161423	893.642	904.5156	10.22379	100	50.6
2016.709	1372.209	328.4679	23.16318	0.188482	0.003595	507.9717	1013.004	0.183538	0.150419	919.1403	927.9499	10.48867	100	54.3

2016.861	1372.361	328.4725	23.16343	0.182208	0.005667	503.2858	985.5767	0.177718	0.120905	967.9001	972.8929	10.99666	100	59.1
2017.013	1372.513	328.4771	23.16367	0.17218	0.00513	507.1555	949.6354	0.168431	0.102229	1006.49	1008.852	11.40311	100	65.1
2017.166	1372.666	328.4818	23.16391	0.158068	0.003394	518.2773	931.8292	0.155414	0.103404	1022.832	1024.24	11.57704	100	72.3
2017.318	1372.818	328.4864	23.16415	0.16493	0.002612	526.2832	939.7686	0.161768	0.110141	1004.765	1007.235	11.38483	100	68
2017.471	1372.971	328.491	23.1644	0.173219	0.00191	530.1534	952.5045	0.169462	0.123304	975.9825	980.3869	11.08137	100	62.8
2017.623	1373.123	328.4956	23.16464	0.182843	0.003101	533.1168	968.5752	0.178422	0.12611	959.7463	965.3489	10.91139	100	58.4
2017.775	1373.275	328.5002	23.16488	0.192469	0.006972	538.5164	980.4774	0.187416	0.129011	943.3307	950.2027	10.7402	100	54.4
2017.928	1373.428	328.5049	23.16513	0.195954	0.013057	545.7289	991.5445	0.190693	0.126925	941.6863	948.6879	10.72307	100	53.3
2018.08	1373.58	328.5095	23.16537	0.197909	0.017288	550.9021	993.0231	0.192544	0.130114	934.7318	942.2858	10.65071	100	52.4
2018.233	1373.733	328.5141	23.16561	0.197345	0.015623	550.5228	979.9091	0.19204	0.124193	943.599	950.4498	10.74299	100	53.1
2018.385	1373.885	328.5187	23.16585	0.195389	0.011126	548.6703	957.2043	0.190233	0.124888	945.1321	951.8624	10.75896	100	53.7
2018.537	1374.037	328.5233	23.1661	0.193401	0.007241	545.3448	943.2557	0.188399	0.125776	946.4386	953.0666	10.77257	100	54.3
2018.69	1374.19	328.528	23.16634	0.190382	0.004615	539.6396	949.7358	0.185605	0.134239	938.6151	945.8599	10.69112	100	54.8
2018.842	1374.342	328.5326	23.16658	0.193214	0.003555	528.9485	974.8741	0.18827	0.145964	918.7571	927.5977	10.4847	100	52.9
2018.995	1374.495	328.5372	23.16683	0.197702	0.002652	514.0082	985.2131	0.192487	0.154523	901.1261	911.3963	10.30157	100	50.7
2019.147	1374.647	328.5418	23.16707	0.192483	0.001695	500.7674	953.7536	0.187633	0.154356	908.0561	917.7649	10.37356	100	52.5
2019.299	1374.799	328.5464	23.16731	0.185963	0.002251	490.9826	885.9165	0.181576	0.146612	927.1	935.2663	10.57138	100	55.5
2019.452	1374.952	328.551	23.16755	0.173473	0.001709	493.3224	841.8422	0.169992	0.141937	949.5376	955.9239	10.80488	100	61.1
2019.604	1375.104	328.5557	23.1678	0.161018	0.001676	513.679	840.9205	0.158497	0.130166	981.6455	985.6483	11.14085	100	68.2
2019.757	1375.257	328.5603	23.16804	0.15651	0.001151	550.6365	871.3751	0.154365	0.133067	983.3445	987.2288	11.15872	100	70.3
2019.909	1375.409	328.5649	23.16828	0.155595	0.001582	592.5803	930.4937	0.153546	0.127241	992.5142	995.7737	11.2553	100	71.4
2020.061	1375.561	328.5695	23.16853	0.172962	0.002196	624.9494	1030.786	0.16961	0.135609	958.7981	964.4726	10.9015	100	61.8
2020.214	1375.714	328.5741	23.16877	0.194536	0.002744	637.262	1123.261	0.189709	0.15654	902.1767	912.3619	10.31249	100	51.6
2020.366	1375.866	328.5787	23.16901	0.21485	0.003238	630.3109	1183.841	0.208773	0.176991	847.6457	862.0122	9.743389	100	43.8
2020.519	1376.019	328.5834	23.16925	0.235429	0.003476	609.4785	1216.278	0.228209	0.169151	831.6433	847.063	9.57442	100	39
2020.671	1376.171	328.588	23.1695	0.226504	0.003267	583.4899	1203.164	0.219798	0.171573	839.9082	854.7984	9.661852	100	41
2020.823	1376.323	328.5926	23.16974	0.210642	0.003666	559.8807	1177.124	0.204886	0.213027	803.2798	820.2169	9.270976	100	42.4
2020.976	1376.476	328.5972	23.16998	0.224401	0.005258	545.8463	1143.161	0.217859	0.292074	676.2922	688.5529	7.782769	100	33
2021.128	1376.628	328.6018	23.17023	0.254952	0.062432	536.968	1122.748	0.246822	0.374382	522.7392	463.635	5.240503	100	18.7
2021.281	1376.781	328.6065	23.17047	0.261448	0.23368	527.8066	1120.995	0.253029	0.370091	520.0948	458.5532	5.183064	100	18.1
2021.433	1376.933	328.6111	23.17071	0.265917	0.430519	502.6116	1123.201	0.257312	0.356785	532.5471	481.9976	5.448059	100	18.8
2021.585	1377.085	328.6157	23.17095	0.262899	0.576209	477.5294	1109.982	0.254457	0.354987	538.9676	493.6213	5.579444	100	19.6
2021.738	1377.238	328.6203	23.1712	0.261033	0.552653	466.8942	1058.925	0.252701	0.367862	523.6235	465.3217	5.259571	100	18.5
2021.89	1377.39	328.6249	23.17144	0.22843	0.749869	480.3384	1002.865	0.221797	0.332211	615.469	612.5117	6.923272	100	28.9
2022.043	1377.543	328.6296	23.17168	0.18623	1.153372	510.1003	982.6602	0.182232	0.280161	741.8977	759.6657	8.586568	100	45
2022.195	1377.695	328.6342	23.17192	0.177377	1.000417	537.0868	1005.817	0.174023	0.255634	787.0738	804.6128	9.094612	100	50.2
2022.347	1377.847	328.6388	23.17217	0.185465	0.795531	538.4081	1090.681	0.181566	0.266208	762.0728	780.0422	8.816886	100	46.3
2022.5	1378	328.6434	23.17241	0.224298	0.303156	522.6183	1146.778	0.217988	0.31236	648.1191	654.8573	7.401912	100	31.4
2022.652	1378.152	328.648	23.17265	0.267469	0.145262	505.4114	1166.914	0.258974	0.344128	547.7199	508.9895	5.753155	100	19.7
2022.805	1378.305	328.6526	23.1729	0.282853	0.159347	493.4737	1149.526	0.273705	0.390377	463.5673	334.2803	3.7784	100	11.5
2022.957	1378.457	328.6572	23.17314	0.276819	0.483482	483.9154	1122.339	0.267952	0.404978	451.3569	302.8194	3.422796	100	10.7
2023.109	1378.609	328.6619	23.17338	0.260542	0.868117	474.5275	1104.949	0.252437	0.384672	500.79	419.6408	4.74324	100	16.7
2023.262	1378.762	328.6665	23.17362	0.259895	0.898673	469.8984	1098.087	0.251844	0.403492	475.6365	363.6034	4.109845	100	14.3
2023.414	1378.914	328.6711	23.17387	0.255	0.892165	472.125	1089.661	0.247206	0.393063	496.4281	410.3794	4.638557	100	16.7
2023.567	1379.067	328.6757	23.17411	0.259234	0.902885	478.3744	1084.779	0.251259	0.398362	483.5229	381.878	4.316404	100	15.2
2023.719	1379.219	328.6803	23.17435	0.258469	0.932426	486.55	1081.566	0.250553	0.39455	489.7569	395.8565	4.474405	100	15.8
2023.871	1379.371	328.6849	23.17459	0.263405	0.930979	493.6497	1081.167	0.255278	0.407138	465.8656	339.9959	3.843009	100	13.1
2024.024	1379.524	328.6896	23.17484	0.26714	0.86908	498.0294	1080.766	0.258863	0.418574	445.1363	286.0486	3.233236	100	10.6
2024.176	1379.676	328.6942	23.17508	0.263909	0.82737	497.3103	1084.641	0.255804	0.413899	455.8093	314.5099	3.554938	100	11.9
2024.329	1379.829	328.6988	23.17532	0.262012	0.783291	493.0216	1097.479	0.254019	0.406731	468.165	345.651	3.90693	100	13.4
2024.481	1379.981	328.7034	23.17557	0.26457	0.723777	485.2199	1117.197	0.25648	0.407522	463.6772	334.5552	3.781512	100	12.7
2024.633	1380.133	328.708	23.17581	0.272492	0.649116	485.0103	1136.811	0.264065	0.424042	430.4128	244.2016	2.760236	100	8.5
2024.786	1380.286	328.7127	23.17605	0.267714	0.665984	483.8376	1139.434	0.259524	0.410256	455.7033	314.2346	3.551828	100	11.7
2024.938	1380.438	328.7173	23.17629	0.255114	0.664304	481.3052	1139.555	0.247542	0.38362	508.9973	436.5863	4.934782	100	17.8
2025.091	1380.591	328.7219	23.17654	0.256409	0.666738	474.9202	1137.593	0.248796	0.398125	487.2492	390.2817	4.411396	100	15.6
2025.243	1380.743	328.7265	23.17678	0.269747	0.573586	466.4953	1132.398	0.261533	0.436606	416.5682	199.8443	2.258862	100	6.7
2025.395	1380.895	328.7311	23.17702	0.264109	0.746962	461.7531	1116.051	0.256176	0.427903	435.9702	260.3646	2.942931	100	9.6
2025.548	1381.048	328.7358	23.17727	0.250353	1.093965	462.2233	1086.154	0.243105	0.399828	492.7516	402.4305	4.548716	100	16.8
2025.7	1381.2	328.7404	23.17751	0.244856	1.169624	467.1128	1063.134	0.23791	0.391126	511.931	442.4965	5.001588	100	19.1
2025.853	1381.353	328.745	23.17775	0.23963	1.065776	474.2688	1064.819	0.232979	0.377244	537.8927	491.6965	5.557701	100	21.8
2026.005	1381.505	328.7496	23.17799	0.232928	1.126026	478.1954	1079.115	0.226658	0.353964	578.7421	559.4733	6.323792	100	25.8
2026.157	1381.657	328.7542	23.17824	0.240508	0.978578	478.4959	1094.038	0.233855	0.365209	553.2921	518.5002	5.860667	100	23
2026.31	1381.81	328.7588	23.17848	0.24243	0.938669	474.3771	1096.036	0.2357	0.356602	562.6235	533.9766	6.0356	100	23.5
2026.462	1381.962	328.7634	23.17872	0.247305	0.934153	475.1873	1091.31	0.240347	0.360462	550.8833	514.4142	5.814485	100	22.1
2026.615	1382.115	328.7681	23.17896	0.244448	1.032257	479.3404	1091.692	0.237658	0.343608	577.8532	558.1058	6.308337	100	24.4
2026.767	1382.267	328.7727	23.17921	0.25476	0.882114	489.3291	1095.983	0.247476	0.376143	519.4062	457.2205	5.168017	100	18.8
2026.919	1382.419	328.7773	23.17945	0.266391	0.730275	498.5249	1096.626	0.258579	0.413665	452.3044	305.3288	3.451168	100	11.4
2027.072	1382.572	328.7819	23.17969	0.257676	0.761825	503.6413	1083.249	0.250296	0.400071	482.4938	379.5315	4.289891	100	15.1
2027.224	1382.724	328.7865	23.17994	0.243694	0.803042	500.4859	1069.141	0.237033	0.37401	536.7612	489.6612	5.5347	100	21.2
2027.377	1382.877	328.7912	23.18018	0.238337	0.821391	502.3159	1061.862	0.231979	0.353607	571.8916	548.8202	6.203382	100	24.6
2027.529	1383.029	328.7958	23.18042	0.239258	0.806415	505.2792	1060.731	0.232874	0.334643	596.8275	586.3988	6.62814	100	26.3
2027.681	1383.181	328.8004	23.18066	0.239782	0.739522	510.9621	1061.479	0.233393	0.314432	624.0019	623.9673	7.052782	100	28
2027.834	1383.334	328.805	23.18091	0.235429	0.736594	513.6423	1060.974	0.229294	0.268231	693.4147	707.9831	8.002422	100	32.6
2027.986	1383.486	328.8096	23.18115	0.239137	0.572948	518.5883	1062.553	0.232828	0.270078	685.9908	699.6464	7.908193	100	31.6
2028.139	1383.639	328.8143	23.18139	0.242239	0.455444	522.6849	1068.929	0.235789	0.2795	668.9008	679.9339	7.685382	100	30.2
2028.291	1383.791	328.8189	23.18163	0.248735	0.346679	535.4498	1084.163	0.241976	0.292471	642.4634	647.7976	7.322143	100	27.8
2028.443	1383.943	328.8235	23.18188	0.257817	0.306326	553.5972	1098.982	0.250633	0.305538	612.4837	608.433	6.877198	100	25
2028.596	1384.096	328.8281	23.18212	0.26403	0.293292	566.8159	1104.94	0.256575	0.304507	605.707	599.0314	6.770933	100	24
2028.748	1384.248	328.8327	23.18236	0.265368	0.15603	572.2156	1098.807	0.257874	0.27624	642.9223	648.3744	7.328663	100	25.9
2028.901	1384.401	328.8374	23.18261	0.266229	0.096723	569.3436	1074.225	0.258717	0.25603	669.6498	680.8141	7.695334	100	27.2

2029.053	1384.553	328.842	23.18285	0.265964	0.010601	559.8425	1047.869	0.258487	0.247135	682.2422	695.3867	7.86005	100	27.8
2029.205	1384.705	328.8466	23.18309	0.269805	0.00625	546.5452	993.2681	0.262175	0.268449	647.7381	654.385	7.396605	100	25.6
2029.358	1384.858	328.8512	23.18333	0.274396	0.00642	541.1794	949.0879	0.266584	0.288229	614.3575	610.9975	6.906191	100	23.3
2029.51	1385.01	328.8558	23.18358	0.276054	0.030253	543.5192	925.9628	0.268192	0.300433	595.2981	584.1854	6.603128	100	22.1
2029.663	1385.163	328.8604	23.18382	0.268214	0.005855	549.9386	957.5613	0.260724	0.271783	645.141	651.1533	7.360077	100	25.6
2029.815	1385.315	328.865	23.18406	0.256248	0.005856	559.3607	1018.033	0.249343	0.203813	754.6458	772.6044	8.732858	100	32.3
2029.967	1385.467	328.8697	23.18431	0.248592	0.146178	561.2479	1081.425	0.242088	0.147255	842.7065	857.4103	9.691429	100	37.4
2030.12	1385.62	328.8743	23.18455	0.243623	2.49505	553.3333	1112.191	0.237395	0.131264	871.2514	883.8878	9.99071	100	40.2
2030.272	1385.772	328.8789	23.18479	0.239415	3.354608	538.2795	1108.873	0.233429	0.136179	869.941	882.6776	9.977033	100	41
2030.425	1385.925	328.8835	23.18503	0.23307	0.001073	524.699	1087.105	0.227447	0.147519	862.5469	875.841	9.89976	100	40.9
2030.577	1386.077	328.8881	23.18528	0.225496	0.001596	514.1208	1062.209	0.220315	0.148503	871.0316	883.6848	9.988418	100	42.7
2030.729	1386.229	328.8927	23.18552	0.219734	0.001379	514.3643	1043.046	0.214907	0.15524	869.1971	881.9905	9.969268	100	43.8
2030.882	1386.382	328.8974	23.18576	0.217077	0.001875	506.7328	1031.7	0.212427	0.158621	867.9538	880.8416	9.956285	100	44.3
2031.034	1386.534	328.902	23.186	0.211659	0.003231	503.3502	1036.406	0.207356	0.160755	872.0074	884.5857	9.998607	100	45.7
2031.187	1386.687	328.9066	23.18625	0.202057	0.005854	494.8689	1051.223	0.198371	0.170561	870.8738	883.5391	9.986776	100	47.9
2031.339	1386.839	328.9112	23.18649	0.193647	0.040033	490.3532	1073.519	0.190528	0.166653	887.0899	898.4873	10.15574	100	51
2031.491	1386.991	328.9158	23.18673	0.185838	0.006942	489.8602	1103.614	0.183268	0.168787	894.1642	904.9958	10.22931	100	53.7
2031.644	1387.144	328.9205	23.18698	0.184476	0.00275	486.9312	1113.87	0.182023	0.176483	885.2614	896.804	10.13671	100	53.6
2031.796	1387.296	328.9251	23.18722	0.196452	0.002393	487.1181	1139.325	0.193217	0.238268	784.5506	802.1624	9.066966	100	44.6
2031.949	1387.449	328.9297	23.18746	0.23072	0.004384	490.1947	1166.959	0.22545	0.348963	587.3099	572.438	6.470357	100	26.2
2032.101	1387.601	328.9343	23.1877	0.248298	0.049259	501.9397	1198.672	0.242125	0.381881	518.8721	456.1841	5.156322	100	18.9
2032.253	1387.753	328.9389	23.18795	0.239451	0.145514	502.1838	1216.662	0.233756	0.331749	599.6032	590.3872	6.67324	100	26.1
2032.406	1387.906	328.9436	23.18819	0.237433	0.583652	500.6713	1225.955	0.231868	0.271835	684.8908	698.4	7.894127	100	31.8
2032.558	1388.058	328.9482	23.18843	0.243336	1.42648	480.1789	1216.118	0.237484	0.286148	657.3884	666.2038	7.530209	100	29.7
2032.711	1388.211	328.9528	23.18867	0.238954	0.592838	460.5358	1208.363	0.233353	0.318108	618.9848	617.2675	6.977076	100	27.7
2032.863	1388.363	328.9574	23.18892	0.249298	0.526474	449.3909	1190.763	0.243186	0.384208	514.1959	447.0079	5.052603	100	18.6
2033.015	1388.515	328.962	23.18916	0.252945	0.56545	446.1784	1166.492	0.246675	0.417798	463.0284	332.9309	3.763173	100	13.2
2033.168	1388.668	328.9666	23.1894	0.248514	1.011766	444.8922	1137.113	0.242487	0.419644	466.2592	340.9684	3.854022	100	14.1
2033.32	1388.82	328.9712	23.18965	0.252414	1.425081	437.7705	1101.689	0.246215	0.422449	457.2438	318.2223	3.596919	100	13
2033.473	1388.973	328.9759	23.18989	0.225646	2.093752	432.2918	1078.46	0.220885	0.359754	578.7187	559.4375	6.323415	100	27
2033.625	1389.125	328.9805	23.19013	0.199305	2.982879	428.3994	1054.709	0.196156	0.31106	680.0421	692.8703	7.83163	100	38.6
2033.777	1389.277	328.9851	23.19037	0.194989	2.793175	428.4731	1045.865	0.192143	0.323839	667.9451	678.8087	7.672691	100	38.6
2033.93	1389.43	328.9897	23.19062	0.192402	2.573004	432.4561	1041.815	0.189749	0.331248	661.0251	670.583	7.579713	100	38.6
2034.082	1389.582	328.9943	23.19086	0.191608	2.210736	440.3485	1039.642	0.18903	0.336834	654.3077	662.4627	7.487929	100	38.2
2034.235	1389.735	328.999	23.1911	0.205111	1.773503	453.0568	1037.677	0.201683	0.365533	597.2415	586.996	6.634918	100	31.3
2034.387	1389.887	329.0036	23.19135	0.208088	1.586314	458.06	1033.835	0.204499	0.366708	591.7349	578.9847	6.544363	100	30.3
2034.539	1390.039	329.0082	23.19159	0.21188	3.6947	460.5839	1040	0.208081	0.366157	587.5516	572.798	6.474436	100	29.9
2034.692	1390.192	329.0128	23.19183	0.212712	3.624122	460.1425	1044.498	0.208886	0.360906	593.687	581.8417	6.57666	100	30.3
2034.844	1390.344	329.0174	23.19207	0.215351	3.430963	462.179	1051.288	0.21139	0.366781	582.1254	564.6394	6.38222	100	28.9
2034.997	1390.497	329.0221	23.19232	0.206114	3.591702	457.2386	1044.946	0.202736	0.341774	628.5754	629.9884	7.120871	100	33.9
2035.149	1390.649	329.0267	23.19256	0.195424	2.447353	449.2997	1040.063	0.192751	0.307945	689.0392	703.0854	7.947099	100	39.8
2035.301	1390.801	329.0313	23.1928	0.189489	2.491029	438.6887	1033.094	0.187234	0.288501	723.4858	740.5442	8.370505	100	43.4
2035.454	1390.954	329.0359	23.19304	0.177949	2.471296	429.3305	1037.591	0.176516	0.253809	786.1509	803.7173	9.084565	100	50.3
2035.606	1391.106	329.0405	23.19329	0.168922	2.408777	421.0952	1037.71	0.168171	0.222473	840.9111	855.735	9.672527	100	56.6
2035.759	1391.259	329.0451	23.19353	0.163559	2.479184	419.0636	1038.039	0.163236	0.229019	838.6887	853.6591	9.649065	100	58.3
2035.911	1391.411	329.0498	23.19377	0.171415	2.744163	421.2336	1033.988	0.170524	0.281214	756.6018	774.5701	8.75511	100	50.4
2036.063	1391.563	329.0544	23.19402	0.203545	0.403077	424.0269	1040.57	0.200486	0.357863	609.4785	604.2886	6.830385	100	32
2036.216	1391.716	329.059	23.19426	0.226705	0.453956	423.9874	1046.526	0.222289	0.399605	521.7871	461.8119	5.219946	100	21.4
2036.368	1391.868	329.0636	23.1945	0.228539	0.785158	419.7552	1057.694	0.224043	0.389751	532.9651	482.7637	5.456769	100	22.4
2036.521	1392.021	329.0682	23.19474	0.22334	1.236787	419.7723	1072.095	0.21916	0.365512	573.1531	550.8017	6.225816	100	26.6
2036.673	1392.173	329.0728	23.19499	0.215235	1.451651	423.5285	1100.773	0.21155	0.347698	608.2376	602.5659	6.810916	100	30.5
2036.825	1392.325	329.0774	23.19523	0.236892	1.191531	441.0772	1142.274	0.232008	0.403729	502.6829	423.6041	4.788077	100	18.9
2036.978	1392.478	329.0821	23.19547	0.253956	1.053214	455.0927	1195.553	0.248221	0.439429	431.0441	246.061	2.781275	100	9.5
2037.13	1392.63	329.0867	23.19571	0.276228	0.880848	467.9529	1233.093	0.269484	0.482033	342.9065	93.10666	1.052403	100	2.3
2037.283	1392.783	329.0913	23.19596	0.280739	1.03994	470.2688	1255.937	0.273823	0.482249	336.6202	89.77349	1.014727	100	2.2
2037.435	1392.935	329.0959	23.1962	0.288798	1.114111	469.6864	1272.838	0.281568	0.490713	314.2532	80.03333	0.904632	100	1.7
2037.587	1393.087	329.1005	23.19644	0.295837	1.224811	465.8731	1286.508	0.288348	0.501382	290.1736	71.86891	0.812348	100	1.4
2037.74	1393.24	329.1052	23.19669	0.297665	1.250987	465.7632	1288.712	0.290126	0.502653	285.9653	70.60181	0.798026	100	1.3
2037.892	1393.392	329.1098	23.19693	0.291285	1.316881	465.2932	1284.869	0.284022	0.492799	307.9877	77.732	0.87862	100	1.7
2038.045	1393.545	329.1144	23.19717	0.28249	1.434016	469.0575	1271.856	0.275612	0.477767	340.3379	91.70453	1.036555	100	2.4
2038.197	1393.697	329.119	23.19741	0.296043	1.27987	470.8984	1271.765	0.288635	0.507712	281.041	69.16622	0.7818	100	1.3
2038.349	1393.849	329.1236	23.19766	0.290596	1.349774	471.6492	1269.383	0.283428	0.498242	301.2954	75.42339	0.852526	100	1.6
2038.502	1394.002	329.1283	23.1979	0.292996	1.338294	470.1932	1264.916	0.285754	0.500664	294.744	73.29114	0.828425	100	1.5
2038.654	1394.154	329.1329	23.19814	0.310186	1.185432	467.8307	1251.484	0.302313	0.533198	226.995	55.8086	0.630816	100	0.6
2038.807	1394.307	329.1375	23.19839	0.306651	1.311764	465.5815	1238.261	0.29893	0.528619	237.9828	58.24012	0.6583	100	0.8
2038.959	1394.459	329.1421	23.19863	0.293975	1.466697	464.1255	1233.168	0.286761	0.506394	285.4465	70.44826	0.796291	100	1.4
2039.111	1394.611	329.1467	23.19887	0.273499	1.727548	461.8196	1232.661	0.267167	0.469784	363.0076	106.6275	1.205232	100	3.2
2039.264	1394.764	329.1513	23.19911	0.28868	1.404338	458.4373	1233.093	0.281724	0.503853	295.9042	73.66036	0.832598	100	1.6
2039.416	1394.916	329.156	23.19936	0.294983	1.313483	454.205	1217.158	0.287796	0.512029	276.2415	67.81166	0.766489	100	1.2
2039.569	1395.069	329.1606	23.1996	0.292251	1.287162	450.5393	1189.239	0.285196	0.502942	292.3691	72.54587	0.820001	100	1.4
2039.721	1395.221	329.1652	23.19984	0.283345	1.324218	448.3467	1154.648	0.276678	0.485416	328.3103	85.82159	0.97006	100	2.1
2039.873	1395.373	329.1698	23.20008	0.280004	1.325621	447.6838	1126.31	0.2735	0.480262	339.808	91.4224	1.033367	100	2.3
2040.026	1395.526	329.1744	23.20033	0.256945	1.559667	447.4176	1110.167	0.251513	0.443652	420.6726	214.7373	2.427221	100	8.2
2040.178	1395.678	329.179	23.20057	0.249665	1.660931	446.6415	1101.32	0.244614	0.439072	436.5136	261.9208	2.960547	100	10.6
2040.331	1395.831	329.1837	23.20081	0.240059	1.807394	447.3384	1099.876	0.235524	0.420108	475.2284	362.6393	4.09899	100	15.9
2040.483	1395.983	329.1883	23.20106	0.249477	1.609288	450.075	1105.31	0.24448	0.441231	433.7194	253.8736	2.869588	100	10.3
2040.635	1396.135	329.1929	23.2013	0.260644	1.375927	456.4943	1116.791	0.255125	0.461874	390.5418	138.1865	1.561952	100	4.7
2040.788	1396.288	329.1975	23.20154	0.259181	1.438274	467.6276	1122.85	0.253754	0.456239	400.2095	155.8684	1.761814	100	5.5
2040.94	1396.44	329.2021	23.20178	0.267796	1.396553	481.6824	1109.001	0.26199	0.464895	376.8999	119.9117	1.355388	100	3.7
2041.093	1396.593	329.2068	23.20203	0.278379	1.339458	492.123	1089.837	0.272125	0.478249	344.4832	93.99709	1.06247	100	2.5

2041.245	1396.745	329.2114	23.20227	0.244603	1.694543	480.1705	1081.929	0.239966	0.404909	490.0737	396.5563	4.482364	100	17.1
2041.397	1396.897	329.216	23.20251	0.220346	1.714262	451.7271	1079.962	0.217056	0.343556	606.3557	599.9402	6.781259	100	29.7
2041.55	1397.05	329.2206	23.20275	0.202789	2.767685	419.2358	1063.508	0.200585	0.310206	675.1087	687.1827	7.767382	100	37.5
2041.702	1397.202	329.2252	23.203	0.194193	2.826919	396.7274	1019.221	0.192567	0.305243	693.0225	707.5459	7.997549	100	40.4
2041.855	1397.355	329.2299	23.20324	0.193125	3.010049	384.1095	967.7454	0.191591	0.323872	668.6602	679.6509	7.682249	100	39.1
2042.007	1397.507	329.2345	23.20348	0.194509	1.201939	377.455	926.9407	0.192907	0.345474	637.0346	640.9184	7.244447	100	36
2042.159	1397.659	329.2391	23.20373	0.204363	1.215546	372.8055	892.2661	0.20215	0.38127	574.881	553.5012	6.256349	100	29.3
2042.312	1397.812	329.2437	23.20397	0.190711	1.508797	366.5387	847.9783	0.189405	0.363072	617.5811	615.3748	6.955722	100	35.4
2042.464	1397.964	329.2483	23.20421	0.17685	2.088001	364.9588	807.7172	0.176528	0.342478	663.7724	673.8652	7.616854	100	42.2
2042.617	1398.117	329.2529	23.20445	0.152254	1.980395	373.6328	782.0535	0.15383	0.293017	763.3511	781.3154	8.831391	100	57.3
2042.769	1398.269	329.2576	23.2047	0.142247	1.817877	398.4326	779.984	0.144677	0.261585	819.3583	835.4978	9.443825	100	65.7
2042.921	1398.421	329.2622	23.20494	0.140142	1.825062	435.3571	799.4703	0.142775	0.253841	832.6699	848.0256	9.585431	100	67.8
2043.074	1398.574	329.2668	23.20518	0.152422	1.893617	480.3688	845.7094	0.154052	0.222793	859.9536	873.4396	9.872694	100	64.1
2043.226	1398.726	329.2714	23.20543	0.168892	2.048553	519.5754	903.8792	0.169265	0.174675	905.3638	915.2909	10.34575	100	60.6
2043.379	1398.879	329.276	23.20567	0.20059	3.381434	554.0248	961.3486	0.198795	0.148134	901.2383	911.4994	10.30289	100	50.8
2043.531	1399.031	329.2806	23.20591	0.229136	0.433288	560.7346	1014.195	0.225661	0.162831	843.8812	858.5057	9.703894	100	40.9
2043.683	1399.183	329.2852	23.20615	0.23444	0.00917	556.919	1055.075	0.230697	0.181748	810.8269	827.412	9.352437	100	38.2
2043.836	1399.336	329.2899	23.2064	0.24	0.006195	546.2629	1100.982	0.235982	0.175155	812.6309	829.1259	9.371808	100	37.4
2043.988	1399.488	329.2945	23.20664	0.244067	0.003973	536.8496	1146.69	0.23986	0.166835	818.7603	834.9326	9.437445	100	37
2044.141	1399.641	329.2991	23.20688	0.248131	0.003721	528.5688	1182.465	0.24374	0.159955	822.9021	838.8429	9.481646	100	36.5
2044.293	1399.793	329.3037	23.20713	0.255548	0.004395	523.8934	1195.404	0.250811	0.186064	777.1124	794.9025	8.984975	100	33.4
2044.445	1399.945	329.3083	23.20737	0.264133	0.005066	531.3246	1185.517	0.25901	0.206899	737.0464	754.68	8.530331	100	30.5
2044.598	1400.098	329.313	23.20761	0.268702	0.005461	550.5614	1178.338	0.263391	0.232337	695.8955	710.7406	8.033675	100	28.1
2044.75	1400.25	329.3176	23.20785	0.271593	0.00636	577.05	1174.702	0.266174	0.232457	691.89	706.2815	7.983275	100	27.6
2044.903	1400.403	329.3222	23.2081	0.276406	0.006463	592.4945	1189.205	0.270797	0.222123	699.7698	715.0196	8.082043	100	27.4
2045.055	1400.555	329.3268	23.20834	0.281274	0.00673	588.8953	1189.114	0.275478	0.200378	723.3194	740.3688	8.368572	100	28
2045.207	1400.707	329.3314	23.20858	0.271378	0.005836	575.183	1181.727	0.266036	0.174988	771.3865	789.2748	8.92137	100	31.1
2045.36	1400.86	329.3361	23.20883	0.260381	0.004991	558.5114	1160.792	0.255568	0.170121	792.5492	809.9101	9.154615	100	33.4
2045.512	1401.012	329.3407	23.20907	0.260331	0.00524	551.4007	1159.342	0.255543	0.181557	776.802	794.5984	8.981544	100	32.8
2045.665	1401.165	329.3453	23.20931	0.261625	0.005261	550.4374	1162.708	0.256799	0.199803	749.8903	767.8043	8.678686	100	31.4
2045.817	1401.317	329.3499	23.20955	0.260557	0.004691	553.0562	1156.417	0.255804	0.183044	774.3905	792.2317	8.954797	100	32.6
2045.969	1401.469	329.3545	23.2098	0.259687	0.003965	552.9012	1131.125	0.254997	0.168108	796.1155	813.3461	9.193457	100	33.7
2046.122	1401.622	329.3591	23.21004	0.237381	0.002569	544.9286	1088.598	0.233837	0.160459	835.8704	851.0234	9.619335	100	38.9
2046.274	1401.774	329.3638	23.21028	0.21161	0.001902	531.7446	1055.462	0.209554	0.169978	856.2457	870.0024	9.833861	100	44.9
2046.427	1401.927	329.3684	23.21053	0.207054	0.0018	522.0164	1045.612	0.205299	0.174605	855.7318	869.5257	9.828471	100	45.9
2046.579	1402.079	329.373	23.21077	0.205515	0.001646	509.6255	1041.241	0.203879	0.173478	859.2476	872.7855	9.865319	100	46.5
2046.731	1402.231	329.3776	23.21101	0.204029	0.001749	491.6256	1020.284	0.202508	0.177339	855.8124	869.6005	9.82932	100	46.7
2046.884	1402.384	329.3822	23.21125	0.203155	0.001658	473.9654	970.0414	0.201711	0.166334	872.0986	884.6699	9.999656	100	47.7
2047.036	1402.536	329.3868	23.2115	0.18507	0.001359	462.3106	907.4633	0.184841	0.155233	910.6972	920.1916	10.40117	100	54.9
2047.189	1402.689	329.3915	23.21174	0.165767	0.001222	461.8741	859.6888	0.166956	0.136749	960.8883	966.4047	10.92353	100	64.8
2047.341	1402.841	329.3961	23.21198	0.160812	0.001095	466.4236	844.7048	0.162403	0.130923	975.2112	979.671	11.07348	100	67.8
2047.493	1402.993	329.4007	23.21222	0.155448	0.001192	480.5481	848.2127	0.157483	0.143989	963.9681	969.253	10.95573	100	69.5
2047.646	1403.146	329.4053	23.21247	0.154232	0.00149	496.5426	861.5813	0.156387	0.176524	920.5832	929.276	10.50385	100	67
2047.798	1403.298	329.4099	23.21271	0.160099	0.001637	524.5482	873.8248	0.161813	0.234185	833.5237	848.8259	9.594505	100	58.7
2047.951	1403.451	329.4146	23.21295	0.181526	0.002348	553.1774	910.0469	0.181678	0.278803	744.5364	762.3627	8.617191	100	45.9
2048.103	1403.603	329.4192	23.2132	0.19386	0.00291	575.7445	939.3191	0.193195	0.270196	740.521	758.2545	8.570753	100	42.6
2048.255	1403.755	329.4238	23.21344	0.218549	0.006144	579.1051	954.2244	0.216371	0.214214	785.7935	803.3703	9.080711	100	39.9
2048.408	1403.908	329.4284	23.21368	0.25403	2.148468	575.4396	945.639	0.249971	0.178562	788.6242	806.1156	9.111744	100	34.9
2048.56	1404.06	329.433	23.21392	0.267853	0.482464	565.7116	947.8253	0.263162	0.164681	789.5772	807.0382	9.122174	100	32.5
2048.713	1404.213	329.4377	23.21417	0.27657	0.007261	556.4935	948.1219	0.271512	0.150511	797.6076	814.7805	9.209686	100	31.6
2048.865	1404.365	329.4423	23.21441	0.269644	0.004753	552.3176	948.5513	0.264916	0.145453	813.6915	830.1324	9.383214	100	33.1
2049.017	1404.517	329.4469	23.21465	0.258496	0.00391	553.3544	943.4974	0.254309	0.145669	828.0308	843.6709	9.536245	100	35.2
2049.17	1404.67	329.4515	23.2149	0.250662	0.003004	553.938	935.2333	0.24688	0.14272	842.3526	857.0801	9.687812	100	37
2049.322	1404.822	329.4561	23.21514	0.243667	0.00278	552.4254	933.6841	0.240263	0.139963	855.2887	869.1146	9.823842	100	38.7
2049.475	1404.975	329.4607	23.21538	0.237208	0.002732	550.9126	936.9817	0.234166	0.130013	877.4339	889.5922	10.05531	100	40.8
2049.627	1405.127	329.4653	23.21562	0.229624	0.003359	553.5357	943.7452	0.227015	0.130133	887.136	898.5297	10.15633	100	42.7
2049.779	1405.279	329.47	23.21587	0.23191	0.00365	558.7087	950.9716	0.229198	0.127759	887.3988	898.7716	10.15907	100	42.2
2049.932	1405.432	329.4746	23.21611	0.236528	0.003216	564.3347	958.1971	0.233588	0.130085	878.1315	890.2354	10.06258	100	40.9
2050.084	1405.584	329.4792	23.21635	0.242789	0.002938	567.808	965.4226	0.239541	0.129054	871.3386	883.9683	9.991744	100	39.5
2050.237	1405.737	329.4838	23.21659	0.248816	0.003253	573.0374	972.6489	0.245284	0.133394	857.4255	871.0965	9.846254	100	37.9
2050.389	1405.889	329.4884	23.21684	0.24628	0.004337	578.6069	980.4089	0.242898	0.157873	826.9367	842.6422	9.524624	100	37
2050.542	1406.042	329.4931	23.21708	0.242513	0.003989	586.7827	989.5812	0.239347	0.176981	805.4672	822.3066	9.294767	100	36.7
2050.694	1406.194	329.4977	23.21732	0.242769	0.002667	595.6949	1005.853	0.239612	0.173265	810.2304	826.8449	9.346066	100	36.8
2050.846	1406.346	329.5023	23.21757	0.245282	0.002504	604.2672	1028.839	0.242018	0.150081	838.9039	853.8602	9.651427	100	37.7
2050.999	1406.499	329.5069	23.21781	0.250767	0.002729	610.97	1061.598	0.247248	0.145789	837.6083	852.6491	9.637739	100	36.8
2051.151	1406.651	329.5115	23.21805	0.256792	0.004588	613.7067	1085.436	0.252999	0.153485	819.0511	835.2075	9.440594	100	35.1
2051.303	1406.803	329.5161	23.21829	0.258266	0.004259	612.0808	1102.705	0.254425	0.15351	817.0501	833.3149	9.419203	100	34.8
2051.456	1406.956	329.5208	23.21854	0.257445	0.006109	607.622	1107.773	0.253666	0.158041	811.8443	828.3789	9.363408	100	34.7
2051.608	1407.108	329.5254	23.21878	0.254829	0.004042	602.3698	1107.215	0.251199	0.154708	819.8481	835.9606	9.449108	100	35.4
2051.761	1407.261	329.53	23.21902	0.2508	0.004143	596.5511	1100.851	0.247391	0.160582	816.9973	833.2649	9.41864	100	35.9
2051.913	1407.413	329.5346	23.21926	0.245148	0.002774	592.0356	1108.213	0.242047	0.165306	817.8537	834.0752	9.427801	100	36.8
2052.065	1407.565	329.5392	23.21951	0.238681	0.002431	587.01	1115.584	0.235939	0.172906	815.7945	832.1259	9.405766	100	37.8
2052.218	1407.718	329.5439	23.21975	0.233174	0.002611	587.82	1125.016	0.23075	0.183383	808.4969	825.1951	9.327426	100	38.4
2052.37	1407.87	329.5485	23.21999	0.228339	0.002712	584.0978	1123.045	0.226204	0.191463	803.6205	820.5426	9.27484	100	39
2052.523	1408.023	329.5531	23.22024	0.232136	0.003254	578.0526	1119.481	0.229813	0.189377	801.5174	818.5305	9.252094	100	38.2
2052.675	1408.175	329.5577	23.22048	0.240217	0.004039	569.1744	1108.862	0.237483	0.197745	779.3862	797.1277	9.010175	100	35.8
2052.827	1408.327	329.5623	23.22072	0.240347	0.005039	563.3557	1099.597	0.237628	0.204194	770.2852	788.1883	8.909131	100	35.4
2052.98	1408.48	329.5669	23.22096	0.236971	0.005266	568.1313	1093.771	0.234453	0.220521	752.1351	770.0739	8.70438	100	35
2053.132	1408.632	329.5715	23.22121	0.239385	0.00485	583.3325	1107.646	0.236762	0.228793	737.5348	755.1835	8.536068	100	33.9
2053.285	1408.785	329.5762	23.22145	0.245172	0.004908	602.273	1148.1	0.24227	0.237928	717.3276	734.0202	8.296855	100	32.1

2053.437	1408.937	329.5808	23.22169	0.260632	0.005588	615.0382	1199.083	0.256991	0.227402	711.5378	727.8223	8.2268	100	29.8
2053.589	1409.089	329.5854	23.22194	0.2825	0.006975	617.3787	1237.245	0.277902	0.211986	703.954	719.6045	8.133909	100	27
2053.742	1409.242	329.59	23.22218	0.285698	0.005993	606.5178	1246.431	0.280988	0.199543	716.8678	733.5303	8.291319	100	27.2
2053.894	1409.394	329.5946	23.22242	0.277755	0.004574	587.1581	1230.391	0.273403	0.184031	748.7404	766.6389	8.665557	100	29.4
2054.047	1409.547	329.5993	23.22266	0.261578	0.003759	568.9313	1198.507	0.257981	0.184343	769.5934	787.5051	8.901417	100	32.3
2054.199	1409.699	329.6039	23.22291	0.240466	0.003209	552.9708	1158.388	0.237942	0.169694	817.4629	833.7055	9.423632	100	37.5
2054.351	1409.851	329.6085	23.22315	0.222938	0.00286	541.3161	1121.083	0.221397	0.171348	838.012	853.0266	9.642026	100	41.7
2054.504	1410.004	329.6131	23.22339	0.2085	0.002141	530.6813	1099.935	0.207838	0.163125	868.0709	880.9499	9.957654	100	46.2
2054.656	1410.156	329.6177	23.22363	0.201568	0.042497	519.4235	1098.487	0.201361	0.16804	870.2268	882.9415	9.980168	100	48
2054.809	1410.309	329.6224	23.22388	0.200326	0.531949	503.8598	1101.104	0.200221	0.173051	864.8846	878.004	9.924356	100	48.3
2054.961	1410.461	329.627	23.22412	0.195739	1.712029	485.803	1107.369	0.195953	0.185734	853.2721	867.2427	9.802719	100	49.2
2055.114	1410.614	329.6316	23.22436	0.189524	2.66662	464.347	1117.492	0.190173	0.205993	833.2911	848.6078	9.592086	100	49.9
2055.266	1410.766	329.6362	23.22461	0.187114	2.900738	446.0067	1137.412	0.187949	0.255502	768.0378	785.9668	8.884032	100	46.8
2055.418	1410.918	329.6408	23.22485	0.190998	3.147914	438.0912	1155.456	0.191593	0.306642	692.4364	706.8919	7.990225	100	41.2
2055.571	1411.071	329.6455	23.22509	0.220769	2.898993	435.6151	1162.973	0.219531	0.392594	535.2689	486.9624	5.504293	100	24.1
2055.723	1411.223	329.6501	23.22533	0.263163	0.847864	434.8387	1152.561	0.259736	0.478737	360.9073	104.953	1.186318	100	3
2055.875	1411.375	329.6547	23.22558	0.275868	1.102614	433.0994	1131.621	0.271888	0.501394	312.8707	79.51273	0.898758	100	1.8
2056.028	1411.528	329.6593	23.22582	0.247911	1.824858	433.7963	1121.209	0.24527	0.444452	428.1836	237.5883	2.685538	100	9.7
2056.18	1411.68	329.6639	23.22606	0.237054	1.898418	438.5724	1116.321	0.234999	0.42194	473.4253	358.3567	4.050623	100	16
2056.333	1411.833	329.6685	23.22631	0.233875	1.839152	445.7849	1128.006	0.232014	0.417456	483.7314	382.3521	4.32185	100	17.3
2056.485	1411.985	329.6731	23.22655	0.251932	1.445469	451.9209	1152.513	0.249157	0.456896	405.6477	168.1827	1.901024	100	6.2
2056.637	1412.137	329.6778	23.22679	0.245612	1.655421	454.4878	1175.248	0.243177	0.446083	428.8216	239.4888	2.707021	100	9.8
2056.79	1412.29	329.6824	23.22703	0.254985	1.741328	450.9355	1190.164	0.252104	0.461068	395.8239	147.2518	1.664436	100	5.3
2056.942	1412.442	329.687	23.22728	0.25781	1.834115	445.1735	1199.452	0.254814	0.457639	396.8147	149.1058	1.685392	100	5.4
2057.095	1412.595	329.6916	23.22752	0.276228	1.655628	436.8052	1197.484	0.272411	0.488831	329.4863	86.35341	0.976081	100	2.3
2057.247	1412.747	329.6962	23.22776	0.273344	1.731421	432.1266	1179.15	0.269676	0.480416	344.8737	94.22132	1.065015	100	2.7
2057.399	1412.899	329.7008	23.228	0.25733	1.970421	432.4168	1149.246	0.254424	0.4486	409.8261	179.0816	2.02422	100	6.7
2057.552	1413.052	329.7055	23.22825	0.23359	2.263147	444.1042	1113.296	0.231922	0.402496	504.5034	427.3842	4.830867	100	19.7
2057.704	1413.204	329.7101	23.22849	0.214459	2.124767	464.0002	1102.049	0.213903	0.363584	583.0684	566.0683	6.398461	100	28.8
2057.857	1413.357	329.7147	23.22873	0.203434	1.506248	489.5914	1109.147	0.203577	0.343468	625.0782	625.3915	7.069012	100	33.6
2058.009	1413.509	329.7193	23.22898	0.205978	3.663642	516.748	1126.565	0.205983	0.343205	622.121	621.4673	7.024654	100	33.5
2058.161	1413.661	329.7239	23.22922	0.214525	3.717596	539.7597	1135.853	0.214031	0.341023	614.0253	610.544	6.901185	100	31.5
2058.314	1413.814	329.7286	23.22946	0.228445	3.191792	561.2479	1139.2	0.227171	0.347568	586.8607	571.7678	6.462887	100	27.5
2058.466	1413.966	329.7332	23.2297	0.235884	3.117959	581.8792	1141.191	0.234225	0.322946	611.1047	606.5361	6.855886	100	28.3
2058.619	1414.119	329.7378	23.22995	0.243277	2.433484	601.1031	1153.71	0.241251	0.30657	624.0069	623.9739	7.05299	100	28.1
2058.771	1414.271	329.7424	23.23019	0.243283	0.812581	610.8875	1179.466	0.241278	0.269576	675.0211	687.0811	7.766314	100	30.5
2058.923	1414.423	329.747	23.23043	0.246174	0.008072	610.1899	1216.272	0.244043	0.226445	730.7273	748.1306	8.456379	100	32.6
2059.076	1414.576	329.7517	23.23067	0.254075	0.028615	605.3218	1232.128	0.251572	0.216878	733.5394	751.0531	8.489415	100	31.7
2059.228	1414.728	329.7563	23.23092	0.258379	0.569088	604.2019	1229.221	0.255689	0.229178	710.8842	727.1187	8.218874	100	30.3
2059.381	1414.881	329.7609	23.23116	0.258454	0.997299	622.4409	1209.322	0.255783	0.259507	668.9009	679.9341	7.685532	100	28.4
2059.533	1415.033	329.7655	23.2314	0.256229	0.174959	636.0858	1194.115	0.253687	0.255119	677.848	690.3486	7.803252	100	28.8
2059.686	1415.186	329.7701	23.23165	0.254185	0.188913	636.014	1207.05	0.251765	0.235196	707.9946	723.9974	8.183595	100	30.5
2059.838	1415.338	329.7747	23.23189	0.252531	0.005952	614.8398	1243.437	0.250214	0.218149	733.6592	751.1773	8.490821	100	31.9
2059.99	1415.49	329.7793	23.23213	0.253682	0.003305	581.0513	1286.184	0.251331	0.247711	691.3227	705.647	7.976177	100	29.7
2060.143	1415.643	329.784	23.23237	0.265821	0.004481	542.1611	1316.32	0.262914	0.338841	549.5777	512.1834	5.789391	100	19.9
2060.295	1415.795	329.7886	23.23262	0.289237	0.007624	509.6787	1324.148	0.285337	0.437452	382.5509	126.7108	1.432257	100	3
2060.448	1415.948	329.7932	23.23286	0.278036	0.012505	493.6132	1302.688	0.274628	0.425201	414.2368	192.1763	2.172237	100	5.9
2060.6	1416.1	329.7978	23.2331	0.257909	0.395838	499.0371	1261.213	0.255441	0.378137	505.6621	429.7743	4.857893	100	17.1
2060.752	1416.252	329.8024	23.23335	0.25496	2.048968	521.0499	1209.21	0.252657	0.383052	502.7223	423.6861	4.789074	100	17.7
2060.905	1416.405	329.8071	23.23359	0.242005	1.867081	551.9758	1159.709	0.240377	0.368115	540.2806	495.9614	5.606029	100	22.1
2061.057	1416.557	329.8117	23.23383	0.233541	2.318477	574.9605	1130.22	0.232386	0.358165	565.0391	537.8946	6.080017	100	25.1
2061.209	1416.709	329.8163	23.23407	0.234382	2.554537	584.5048	1121.474	0.233203	0.36145	559.3784	528.6569	5.9756	100	24.6
2061.362	1416.862	329.8209	23.23432	0.226987	2.136408	571.1332	1129.927	0.226238	0.361762	568.5608	543.5441	6.143875	100	26.1
2061.514	1417.014	329.8255	23.23456	0.19458	2.197484	542.1432	1132.335	0.195825	0.328987	655.7596	664.2294	7.508026	100	37.7
2061.667	1417.167	329.8302	23.2348	0.156713	2.163573	511.7792	1136.515	0.160717	0.267922	788.4782	805.9742	9.110221	100	57.4
2061.819	1417.319	329.8348	23.23504	0.133282	2.229092	476.9738	1133.919	0.139578	0.229585	870.5545	883.2442	9.983634	100	74.4
2061.971	1417.471	329.8394	23.23529	0.126756	2.576845	452.183	1142.164	0.134014	0.229993	877.6712	889.8109	10.05786	100	79
2062.124	1417.624	329.844	23.23553	0.140681	2.542421	441.8795	1134.252	0.146073	0.236538	851.9964	866.0578	9.78937	100	69.1
2062.276	1417.776	329.8486	23.23577	0.153015	2.634346	448.323	1126.444	0.157403	0.24807	820.4468	836.5261	9.455565	100	61.2
2062.429	1417.929	329.8532	23.23602	0.1714	2.865119	454.1448	1128.227	0.174393	0.296141	730.6638	748.0645	8.455648	100	48.7
2062.581	1418.081	329.8579	23.23626	0.212828	1.889391	457.4408	1149.813	0.213079	0.38449	555.3549	521.9692	5.900011	100	26.7
2062.733	1418.233	329.8625	23.2365	0.267153	0.508632	460.1535	1191.1	0.264562	0.476676	357.0927	102.0919	1.153983	100	2.6
2062.886	1418.386	329.8671	23.23674	0.278353	0.694776	463.1732	1231.241	0.275286	0.482837	333.7904	88.37481	0.998934	100	2
2063.038	1418.538	329.8717	23.23699	0.272089	1.083613	465.9666	1255.226	0.269319	0.4609	372.2983	115.0312	1.300241	100	3.3
2063.191	1418.691	329.8763	23.23723	0.268395	1.286767	467.1168	1257.947	0.265814	0.445771	398.0133	151.419	1.711546	100	5
2063.343	1418.843	329.8809	23.23747	0.27309	1.388175	463.2245	1243.155	0.27032	0.455481	378.3949	121.6181	1.374695	100	3.7
2063.495	1418.995	329.8855	23.23771	0.271216	1.396847	458.7368	1222.215	0.268552	0.450039	388.3455	134.7862	1.52354	100	4.3
2063.648	1419.148	329.8902	23.23796	0.278308	1.210114	452.1238	1201.064	0.275353	0.463393	360.5304	104.6603	1.183015	100	2.9
2063.8	1419.3	329.8948	23.2382	0.274459	1.247716	449.7086	1184.709	0.271695	0.457471	373.7513	116.5147	1.31701	100	3.4
2063.953	1419.453	329.8994	23.23844	0.270249	1.317264	447.2854	1164.602	0.267694	0.463537	370.9014	113.6519	1.284651	100	3.4
2064.105	1419.605	329.904	23.23869	0.251098	1.637793	443.7394	1144.806	0.249473	0.439106	429.7617	242.2778	2.738558	100	9.7
2064.257	1419.757	329.9086	23.23893	0.227208	1.956541	435.9006	1129.494	0.226867	0.409113	502.3477	422.9047	4.780253	100	20
2064.41	1419.91	329.9133	23.23917	0.207816	2.291178	426.1436	1130.441	0.208638	0.382763	563.8657	535.9958	6.058567	100	28.2
2064.562	1420.062	329.9179	23.23941	0.212865	2.006906	417.5682	1141.708	0.213402	0.391323	545.4802	505.1076	5.709427	100	25.8
2064.715	1420.215	329.9225	23.23966	0.22694	1.72813	415.7685	1151.934	0.226681	0.416856	491.9188	400.6113	4.528263	100	18.8
2064.867	1420.367	329.9271	23.2399	0.222994	1.833847	424.0157	1152.464	0.222981	0.396357	525.3137	468.5283	5.295956	100	22.6
2065.02	1420.52	329.9318	23.24014	0.236858	1.630795	438.5744	1159.666	0.2361	0.413835	483.089	380.89	4.305349	100	17
2065.172	1420.672	329.9364	23.24039	0.244401	1.540384	450.7456	1178.854	0.243269	0.413572	473.5597	358.6772	4.054267	100	15.3
2065.324	1420.824	329.941	23.24063	0.271209	1.261161	458.2239	1208.779	0.268811	0.460108	374.0927	116.8707	1.321035	100	3.5
2065.477	1420.977	329.9456	23.24087	0.275926	1.165077	459.0428	1236.412	0.273341	0.46953	354.8376	100.5005	1.135996	100	2.7

2065.629	1421.129	329.9502	23.24111	0.2773	1.334389	459.9662	1252.995	0.274677	0.472335	349.1233	96.76153	1.093734	100	2.6
2065.781	1421.281	329.9548	23.24136	0.267119	1.544404	461.6262	1263.011	0.264972	0.45222	390.2757	137.7638	1.557198	100	4.6
2065.934	1421.434	329.9595	23.2416	0.268049	1.742929	463.9662	1262.917	0.265882	0.454641	385.6776	130.9154	1.479789	100	4.3
2066.086	1421.586	329.9641	23.24184	0.263685	1.8816	466.1928	1256.151	0.261741	0.439609	412.1381	185.7267	2.099342	100	6.8
2066.239	1421.739	329.9687	23.24208	0.2666	1.770778	464.9635	1252.096	0.264543	0.44203	404.9288	166.4403	1.881342	100	5.9
2066.391	1421.891	329.9733	23.24233	0.269117	1.63917	461.4677	1250.541	0.266967	0.449343	391.4929	139.723	1.579345	100	4.6
2066.543	1422.043	329.9779	23.24257	0.273357	1.524389	455.479	1248.154	0.27104	0.460203	370.8841	113.6351	1.284463	100	3.4
2066.696	1422.196	329.9825	23.24281	0.273569	1.491358	454.0228	1242.326	0.271264	0.462145	367.8954	110.8302	1.252758	100	3.3
2066.848	1422.348	329.9871	23.24306	0.261605	1.673834	452.3399	1233.266	0.259869	0.43781	417.2034	202.0309	2.283635	100	7.5
2067	1422.5	329.9918	23.2433	0.252443	1.805691	452.1303	1231.609	0.251172	0.422106	450.8764	301.5423	3.408454	100	12.3
2067.153	1422.653	329.9964	23.24354	0.248138	1.917218	453.1103	1237.976	0.247104	0.418678	461.2219	328.382	3.711835	100	13.8
2067.305	1422.805	330.001	23.24378	0.252166	1.795842	455.847	1244.864	0.250952	0.439416	427.2917	234.921	2.655408	100	9.4
2067.458	1422.958	330.0056	23.24403	0.260697	1.722893	460.963	1248.522	0.259092	0.46495	380.822	124.5272	1.407581	100	4.2
2067.61	1423.11	330.0102	23.24427	0.28279	1.437962	465.2293	1248.532	0.280219	0.501992	300.5487	75.17435	0.849726	100	1.7
2067.763	1423.263	330.0149	23.24451	0.285448	1.465214	466.7761	1249.479	0.282788	0.500002	299.7491	74.90946	0.846732	100	1.7
2067.915	1423.415	330.0195	23.24475	0.284592	1.51119	464.9802	1251.26	0.28199	0.486887	318.9493	81.86132	0.925312	100	2
2068.067	1423.567	330.0241	23.245	0.284099	1.571479	460.1813	1259.503	0.28154	0.475499	335.2863	89.1069	1.007212	100	2.3
2068.22	1423.72	330.0287	23.24524	0.285308	1.5802	463.4841	1271.708	0.28272	0.481948	324.7577	84.26409	0.952472	100	2.1
2068.372	1423.872	330.0333	23.24548	0.280297	1.694993	466.5041	1278.702	0.277943	0.475739	339.9198	91.48171	1.034056	100	2.5
2068.525	1424.025	330.038	23.24573	0.265388	1.903411	467.8807	1269.017	0.263719	0.452746	391.2784	139.3731	1.575391	100	4.8
2068.677	1424.177	330.0426	23.24597	0.26625	1.909225	467.0479	1254.745	0.264562	0.463032	375.9204	118.827	1.343151	100	3.9
2068.829	1424.329	330.0472	23.24621	0.267345	1.875476	466.9517	1242.976	0.265629	0.469865	365.0186	108.3023	1.224186	100	3.4
2068.982	1424.482	330.0518	23.24645	0.274114	1.784896	466.4019	1246.633	0.272117	0.486671	332.8726	87.93341	0.993948	100	2.4
2069.134	1424.634	330.0564	23.2467	0.290439	1.429641	463.7562	1247.476	0.287773	0.510671	278.1474	68.34454	0.772527	100	1.3
2069.287	1424.787	330.061	23.24694	0.293284	1.410197	458.8438	1243.211	0.290526	0.508968	276.6979	67.93867	0.767939	100	1.3
2069.439	1424.939	330.0657	23.24718	0.285796	1.49003	452.7418	1225.813	0.283365	0.497484	302.4287	75.80448	0.85685	100	1.7
2069.591	1425.091	330.0703	23.24743	0.272979	1.726041	447.6029	1205.496	0.27112	0.474779	350.659	97.7277	1.104657	100	2.8
2069.744	1425.244	330.0749	23.24767	0.267175	1.727922	445.92	1174.964	0.2656	0.461952	375.9785	118.8907	1.343871	100	3.8
2069.896	1425.396	330.0795	23.24791	0.266552	1.59966	449.1096	1148.601	0.265027	0.459483	380.1765	123.7361	1.398641	100	4
2070.049	1425.549	330.0841	23.24815	0.263454	1.562361	456.8319	1130.472	0.262095	0.44656	402.0558	159.8324	1.806653	100	5.6
2070.201	1425.701	330.0887	23.2484	0.263894	1.453772	466.9904	1128.5	0.262537	0.441405	408.5606	175.636	1.985288	100	6.2
2070.354	1425.854	330.0934	23.24864	0.250598	1.523297	474.9255	1136.118	0.249903	0.412083	466.459	341.4614	3.859683	100	14.2
2070.506	1426.006	330.098	23.24888	0.234477	1.56164	481.7513	1134.564	0.234642	0.374226	539.7629	495.0401	5.59565	100	22.7
2070.658	1426.158	330.1026	23.24913	0.204847	1.828251	492.0059	1117.686	0.20676	0.327066	643.3205	648.8744	7.334503	100	34.8
2070.811	1426.311	330.1072	23.24937	0.176812	1.788573	495.2266	1093.357	0.180626	0.276358	749.3615	767.2686	8.672766	100	48.1
2070.963	1426.463	330.1118	23.24961	0.173344	1.713395	491.9447	1061.633	0.177432	0.230349	817.2628	833.5162	9.421592	100	53.5
2071.115	1426.615	330.1164	23.24985	0.176345	3.443025	487.3825	1021.126	0.180237	0.172161	893.6908	904.5604	10.22464	100	57.5
2071.268	1426.768	330.1211	23.2501	0.174054	2.919169	490.7064	976.6445	0.178134	0.148976	928.5881	936.6346	10.58718	100	60.3
2071.42	1426.92	330.1257	23.25034	0.170848	2.316936	511.6328	946.5806	0.175185	0.140945	943.7417	950.5813	10.74483	100	62.3
2071.573	1427.073	330.1303	23.25058	0.168078	1.222931	538.4445	952.5406	0.172643	0.148545	936.7611	944.1533	10.67218	100	62.7
2071.725	1427.225	330.1349	23.25083	0.165084	0.007809	560.0544	975.6416	0.169897	0.159693	925.1659	933.4882	10.55162	100	62.8
2071.877	1427.377	330.1395	23.25107	0.193596	0.002152	558.2064	1004.817	0.196409	0.153867	896.6187	907.2528	10.25507	100	51.6
2072.03	1427.53	330.1442	23.25131	0.221481	0.002314	545.9406	1013.18	0.222592	0.15485	859.1299	872.6764	9.864243	100	43
2072.182	1427.682	330.1488	23.25155	0.231843	0.002598	537.427	1020.823	0.232394	0.145571	858.4087	872.008	9.85669	100	40.9
2072.335	1427.835	330.1534	23.2518	0.241621	0.003111	544.6819	1025.959	0.241671	0.139266	854.3072	868.2037	9.813686	100	39
2072.487	1427.987	330.158	23.25204	0.240082	0.003333	563.1663	1066.399	0.240235	0.137563	858.6386	872.2211	9.859099	100	39.4
2072.639	1428.139	330.1626	23.25228	0.237095	0.005512	584.0871	1124.257	0.237428	0.147465	848.8471	863.1301	9.756341	100	39.5
2072.792	1428.292	330.1672	23.25252	0.239286	0.00838	589.4257	1183.262	0.239524	0.168587	816.806	833.0838	9.416717	100	37.7
2072.944	1428.444	330.1719	23.25277	0.242742	0.008431	577.2463	1204.536	0.242822	0.202561	765.3727	783.325	8.854268	100	34.8
2073.097	1428.597	330.1765	23.25301	0.230085	0.005134	553.1839	1186.2	0.230865	0.237684	733.4028	750.9114	8.487886	100	35.2
2073.249	1428.749	330.1811	23.25325	0.224271	0.003446	531.6052	1146.286	0.225399	0.296783	659.3882	668.6167	7.557674	100	32
2073.401	1428.901	330.1857	23.2535	0.219225	0.003683	518.5258	1105.54	0.220666	0.334689	613.6111	609.9777	6.894849	100	29.7
2073.554	1429.054	330.1903	23.25374	0.197184	0.002697	515.1901	1072.921	0.200004	0.311504	674.1191	686.0341	7.754551	100	37.7
2073.706	1429.206	330.1949	23.25398	0.171934	0.00198	523.6245	1042.805	0.176522	0.232985	814.8816	831.2609	9.396116	100	53.3
2073.859	1429.359	330.1996	23.25422	0.162906	0.002442	539.8915	1017.693	0.168194	0.15763	930.3634	938.2673	10.60566	100	64
2074.011	1429.511	330.2042	23.25447	0.165998	0.001786	563.752	1007.693	0.171073	0.140583	949.9151	956.2721	10.80917	100	64
2074.163	1429.663	330.2088	23.25471	0.164323	0.001402	580.4321	1032.509	0.169547	0.171775	908.9762	918.6103	10.38347	100	62
2074.316	1429.816	330.2134	23.25495	0.181778	0.001993	588.3091	1074.419	0.185748	0.206228	839.0742	854.0194	9.653369	100	51.7
2074.468	1429.968	330.218	23.2552	0.200786	0.002383	585.2195	1105.698	0.203506	0.187551	840.3416	855.2032	9.666748	100	46.6
2074.621	1430.121	330.2227	23.25544	0.208865	0.002534	576.6151	1117.381	0.211101	0.150077	881.5741	893.408	10.0986	100	46.8
2074.773	1430.273	330.2273	23.25568	0.213876	0.002251	565.1068	1109.988	0.215831	0.14521	881.7644	893.5833	10.10058	100	45.7
2074.925	1430.425	330.2319	23.25592	0.204567	0.002007	548.7012	1092.486	0.207114	0.157413	876.9522	889.148	10.05045	100	47.6
2075.078	1430.578	330.2365	23.25617	0.194512	0.001673	536.7651	1073.522	0.197727	0.160026	886.301	897.7611	10.1478	100	50.7
2075.23	1430.73	330.2411	23.25641	0.189132	0.002379	535.197	1070.506	0.192727	0.176929	869.875	882.6166	9.976621	100	51.3
2075.383	1430.883	330.2458	23.25665	0.185713	0.001789	533.3729	1070.411	0.189563	0.172637	880.163	892.1078	10.08391	100	52.9
2075.535	1431.035	330.2504	23.2569	0.1818	0.002282	526.6433	1074.9	0.185944	0.166236	893.9923	904.8377	10.2278	100	54.9
2075.688	1431.188	330.255	23.25714	0.178547	0.302666	509.2399	1083.976	0.182942	0.153313	915.9682	925.035	10.4561	100	57.4
2075.84	1431.34	330.2596	23.25738	0.178854	0.826145	483.816	1105.873	0.183249	0.180956	877.3964	889.5576	10.05508	100	55.2
2075.992	1431.492	330.2642	23.25762	0.182187	2.327686	461.9065	1142.258	0.18637	0.204764	840.236	855.1046	9.665646	100	52.3
2076.145	1431.645	330.2688	23.25787	0.179827	2.903882	455.869	1187.713	0.184198	0.212747	832.2153	847.5994	9.58081	100	52.7
2076.297	1431.797	330.2734	23.25811	0.181067	2.766816	461.4715	1240.672	0.185372	0.256407	770.3458	788.2481	8.909936	100	48.5
2076.449	1431.949	330.2781	23.25835	0.206939	0.625305	471.5563	1290.088	0.209558	0.335357	628.0166	629.2571	7.112788	100	32.9
2076.602	1432.102	330.2827	23.25859	0.261434	0.967175	475.4655	1325.327	0.261117	0.453532	393.7848	143.5944	1.623115	100	4.7
2076.754	1432.254	330.2873	23.25884	0.279339	1.367141	475.692	1346.182	0.278237	0.476093	339.0247	91.00966	1.028725	100	2.4
2076.907	1432.407	330.2919	23.25908	0.295077	1.539586	473.7359	1348.901	0.29335	0.493475	294.1825	73.11366	0.826438	100	1.5
2077.059	1432.559	330.2965	23.25932	0.298472	1.354573	471.8541	1344.634	0.296634	0.497143	284.5877	70.19529	0.793451	100	1.3
2077.211	1432.711	330.3011	23.25957	0.305086	1.225957	470.1048	1336.617	0.303018	0.510401	257.4812	62.87657	0.710724	100	0.9
2077.364	1432.864	330.3058	23.25981	0.296586	1.263831	468.2496	1333.079	0.294865	0.492971	292.7866	72.67587	0.82149	100	1.4
2077.516	1433.016	330.3104	23.26005	0.30249	1.287111	465.6242	1332.253	0.300564	0.506325	266.4929	65.18123	0.736774	100	1.1
2077.669	1433.169	330.315	23.26029	0.30267	1.308255	461.331	1333.928	0.300759	0.50961	261.6911	63.93911	0.722734	100	1

2077.821	1433.321	330.3196	23.26054	0.296838	1.490677	455.7131	1341.544	0.295173	0.500906	281.4106	69.2723	0.783018	100	1.4
2077.973	1433.473	330.3242	23.26078	0.304733	1.385644	451.4808	1342.491	0.302788	0.518193	247.0465	60.34047	0.682057	100	0.9
2078.126	1433.626	330.3289	23.26102	0.290801	1.48571	452.5174	1327.801	0.289419	0.489638	304.9016	76.64967	0.866408	100	1.7
2078.278	1433.778	330.3335	23.26126	0.267235	1.58277	471.7974	1280.486	0.26689	0.431833	415.7625	197.132	2.228279	100	7.1
2078.431	1433.931	330.3381	23.26151	0.240511	1.785752	512.0407	1235.672	0.241499	0.349861	563.9235	536.0895	6.059678	100	24.1
2078.583	1434.083	330.3427	23.26175	0.235953	1.651155	573.4174	1206.18	0.237205	0.259258	694.8822	709.6159	8.021131	100	32.9
2078.735	1434.235	330.3473	23.26199	0.252272	1.598272	626.6364	1219.216	0.252704	0.186396	774.0413	791.8885	8.9511	100	34.4
2078.888	1434.388	330.352	23.26224	0.273413	3.261765	654.4729	1232.46	0.272877	0.161198	780.9766	798.6811	9.027878	100	32.3
2079.04	1434.54	330.3566	23.26248	0.293164	0.22242	663.1025	1232.78	0.29182	0.171771	740.2454	757.9716	8.567721	100	27.5
2079.193	1434.693	330.3612	23.26272	0.298326	0.010971	660.1169	1222.678	0.296801	0.208525	682.6508	695.8527	7.865563	100	24.6
2079.345	1434.845	330.3658	23.26296	0.298885	0.008024	655.9412	1231.231	0.29736	0.219386	666.8912	677.5647	7.658847	100	23.8
2079.497	1434.997	330.3704	23.26321	0.295139	0.008673	638.9612	1266.47	0.293782	0.198791	700.2497	715.5473	8.08818	100	25.6
2079.65	1435.15	330.375	23.26345	0.290628	0.006927	610.0829	1313.173	0.289474	0.198527	706.5593	722.4407	8.166102	100	26.3
2079.802	1435.302	330.3797	23.26369	0.286787	0.007619	566.7571	1349.768	0.285811	0.256859	631.116	633.2988	7.158488	100	23.1
2079.955	1435.455	330.3843	23.26394	0.29608	0.010758	534.3088	1370.518	0.294753	0.35288	486.2669	388.0804	4.386664	100	12.9
2080.107	1435.607	330.3889	23.26418	0.319766	0.015412	509.5093	1380.949	0.317591	0.457437	310.4621	78.6234	0.888719	100	0.8
2080.26	1435.76	330.3935	23.26442	0.324225	0.101894	500.0639	1386.794	0.321921	0.492081	256.6774	62.67637	0.708462	100	0.3
2080.412	1435.912	330.3981	23.26466	0.332075	0.417491	498.2674	1392.637	0.329537	0.525095	200.6076	50.41912	0.569912	99.2	0
2080.564	1436.064	330.4027	23.26491	0.309725	0.466533	498.171	1399.628	0.307969	0.487429	282.3501	69.54315	0.786081	100	0.8
2080.717	1436.217	330.4074	23.26515	0.293009	0.559605	492.749	1397.447	0.291912	0.458587	344.3115	93.89899	1.061387	100	2
2080.869	1436.369	330.412	23.26539	0.279357	0.607446	481.8877	1382.652	0.278847	0.434539	395.5272	146.7065	1.658297	100	4.3
2081.021	1436.521	330.4166	23.26563	0.270306	0.729548	469.4399	1355.454	0.270216	0.423055	423.2862	222.7895	2.518302	100	7.7
2081.174	1436.674	330.4212	23.26588	0.274344	0.871576	460.2781	1317.937	0.274097	0.443985	389.047	135.8504	1.535585	100	4.1
2081.326	1436.826	330.4258	23.26612	0.271236	1.1151	455.4223	1274.894	0.271148	0.433172	408.0377	174.25	1.969636	100	5.8
2081.479	1436.979	330.4305	23.26636	0.269195	1.209617	455.0992	1246.34	0.269222	0.416893	433.1624	252.2559	2.851376	100	9.2
2081.631	1437.131	330.4351	23.26661	0.263117	3.381302	456.4206	1238.841	0.263445	0.40023	464.1285	335.6818	3.794381	100	13.7
2081.783	1437.283	330.4397	23.26685	0.252835	3.333439	457.9901	1247.812	0.253679	0.377141	509.4685	437.5408	4.945744	100	18.8
2081.936	1437.436	330.4443	23.26709	0.239808	3.071646	462.5798	1253.864	0.241338	0.355491	556.376	523.6761	5.919377	100	23.9
2082.088	1437.588	330.4489	23.26733	0.227329	3.209891	470.6206	1246.887	0.229558	0.341322	592.1862	579.6468	6.552043	100	28.1
2082.241	1437.741	330.4536	23.26758	0.221884	3.192314	488.1681	1220.314	0.224445	0.343168	596.6952	586.2077	6.626203	100	29.1
2082.393	1437.893	330.4582	23.26782	0.213806	3.119304	514.7739	1182.9	0.216863	0.333218	620.8889	619.8221	7.006165	100	32
2082.545	1438.045	330.4628	23.26806	0.212929	2.75407	539.1014	1155.702	0.21606	0.328159	628.9783	630.5151	7.127035	100	32.7
2082.698	1438.198	330.4674	23.2683	0.208548	2.241389	547.0558	1166.13	0.211968	0.296823	677.8694	690.3732	7.803644	100	36.5
2082.85	1438.35	330.472	23.26855	0.209071	1.367687	521.8185	1212.834	0.21248	0.230482	768.7119	786.6337	8.891724	100	41.4
2083.003	1438.503	330.4766	23.26879	0.223853	0.123454	496.446	1268.189	0.22641	0.203078	787.3057	804.8378	9.097496	100	39.1
2083.155	1438.655	330.4812	23.26903	0.232036	0.25706	473.0498	1287.376	0.234158	0.268219	686.7197	700.4707	7.917783	100	32.5
2083.307	1438.807	330.4859	23.26928	0.259278	0.360195	466.3373	1279.566	0.260029	0.393299	478.4079	370.1026	4.183461	100	14.4
2083.46	1438.96	330.4905	23.26952	0.293901	0.388456	464.5476	1259.559	0.293164	0.489991	299.2462	74.74379	0.844868	100	1.1
2083.612	1439.112	330.4951	23.26976	0.291895	0.659524	465.9308	1257.167	0.291259	0.497879	290.99	72.11931	0.815202	100	1.2
2083.765	1439.265	330.4997	23.27	0.306454	0.838696	467.4209	1259.988	0.305279	0.530605	226.4795	55.69743	0.629577	100	0.5
2083.917	1439.417	330.5043	23.27025	0.296645	1.122351	468.5709	1260.15	0.295864	0.508572	269.8783	66.07747	0.746908	100	1.1
2084.069	1439.569	330.5089	23.27049	0.281843	1.481575	467.568	1250.411	0.281687	0.476469	333.7454	88.35304	0.9987	100	2.3
2084.222	1439.722	330.5136	23.27073	0.26888	1.927235	464.2988	1233.531	0.269315	0.447722	390.4892	138.1028	1.561048	100	4.7
2084.374	1439.874	330.5182	23.27098	0.262493	2.034776	458.7634	1217.695	0.263245	0.435854	415.2439	195.4214	2.20895	100	7.3
2084.527	1440.027	330.5228	23.27122	0.252537	1.979457	454.6441	1212.436	0.253789	0.417752	453.2727	307.8812	3.480143	100	12.7
2084.679	1440.179	330.5274	23.27146	0.248629	1.819338	453.6411	1214.578	0.250099	0.411638	466.8035	342.3101	3.869311	100	14.4
2084.832	1440.332	330.5321	23.2717	0.253532	1.622355	456.0942	1222.611	0.25478	0.424609	442.4439	278.6269	3.149467	100	11.2
2084.984	1440.484	330.5367	23.27195	0.265687	1.467633	458.4908	1226.682	0.266377	0.45043	390.8057	138.6088	1.566768	100	4.6
2085.136	1440.636	330.5413	23.27219	0.273156	1.396051	459.5841	1226.584	0.273531	0.462921	363.6969	107.1934	1.211664	100	3.1
2085.289	1440.789	330.5459	23.27243	0.269799	1.499867	457.6748	1222.317	0.270345	0.451245	384.2058	128.8937	1.456954	100	4.1
2085.441	1440.941	330.5505	23.27267	0.281387	1.399552	454.7455	1213.671	0.281447	0.472271	339.8686	91.45453	1.033759	100	2.4
2085.594	1441.094	330.5551	23.27292	0.272579	1.673134	448.9268	1206.694	0.273045	0.451772	379.753	123.224	1.392867	100	3.9
2085.746	1441.246	330.5598	23.27316	0.291101	1.307711	446.1107	1202.217	0.290804	0.494376	296.4522	73.83596	0.834607	100	1.5
2085.898	1441.398	330.5644	23.2734	0.280113	1.341645	444.8244	1197.95	0.280294	0.47263	340.9654	92.04171	1.040397	100	2.4
2086.051	1441.551	330.569	23.27365	0.27864	1.252305	449.3737	1199.937	0.278906	0.470544	345.7589	94.73506	1.070841	100	2.5
2086.203	1441.703	330.5736	23.27389	0.275443	1.274928	452.7335	1195.877	0.27587	0.462608	360.9011	104.9482	1.186286	100	2.9
2086.355	1441.855	330.5782	23.27413	0.26799	1.390401	455.8665	1181.916	0.268772	0.442588	398.3228	152.0293	1.718469	100	5.1
2086.508	1442.008	330.5828	23.27437	0.26529	1.418457	458.7163	1158.469	0.266217	0.436378	410.4181	180.7392	2.042993	100	6.4
2086.66	1442.16	330.5874	23.27462	0.262079	1.366555	464.5122	1128.35	0.263178	0.432662	419.7407	211.2076	2.387393	100	7.8
2086.812	1442.312	330.5921	23.27486	0.256874	1.223497	472.4611	1099.484	0.258243	0.423575	439.0906	269.2419	3.043387	100	10.5
2086.965	1442.465	330.5967	23.2751	0.239392	1.218971	482.6198	1090.524	0.241666	0.382457	518.7103	455.8696	5.152941	100	20.2
2087.117	1442.617	330.6013	23.27534	0.227714	1.071512	494.5347	1095.221	0.230644	0.343449	587.7512	573.0954	6.47801	100	27.1
2087.27	1442.77	330.6059	23.27559	0.231795	3.364682	506.8464	1119.826	0.234521	0.339541	587.7951	573.1607	6.478747	100	27.2
2087.422	1442.922	330.6105	23.27583	0.237492	3.333497	517.2316	1144.118	0.239932	0.345414	572.2225	549.3409	6.2095	100	25.4
2087.575	1443.075	330.6152	23.27607	0.248404	3.289603	520.8749	1175.916	0.2503	0.372387	520.6921	459.706	5.196309	100	20.2
2087.727	1443.227	330.6198	23.27632	0.246554	0.763639	523.4414	1197.081	0.248566	0.355052	547.0074	507.7583	5.73947	100	21.8
2087.879	1443.379	330.6244	23.27656	0.258105	0.785283	524.8748	1206.26	0.259568	0.373489	506.3818	431.2527	4.874685	100	17.4
2088.032	1443.532	330.629	23.2768	0.259751	2.995205	524.665	1208.246	0.261156	0.363539	517.9203	454.3313	5.135558	100	19
2088.184	1443.684	330.6336	23.27704	0.250947	2.907541	518.9183	1179.901	0.252803	0.316955	593.7342	581.9105	6.577657	100	25.4
2088.337	1443.837	330.6383	23.27729	0.230253	3.042812	506.2589	1108.611	0.233216	0.234407	734.6797	752.2345	8.502922	100	36.2
2088.489	1443.989	330.6429	23.27753	0.206856	2.367645	491.6244	968.6294	0.211211	0.152914	877.5076	889.6602	10.05632	100	47.8
2088.641	1444.141	330.6475	23.27777	0.191141	2.161675	493.656	866.4833	0.19653	0.126086	934.7903	942.3397	10.65179	100	55
2088.794	1444.294	330.6521	23.27802	0.174951	1.822628	505.7416	846.1601	0.181489	0.141741	933.9418	941.5589	10.64296	100	60.1
2088.946	1444.446	330.6567	23.27826	0.182078	2.185774	526.442	895.7793	0.188131	0.177632	875.2466	887.575	10.03275	100	54.4
2089.099	1444.599	330.6613	23.2785	0.227861	0.002693	537.9814	959.2643	0.231066	0.188109	801.5374	818.5496	9.252524	100	39
2089.251	1444.751	330.666	23.27874	0.25471	0.002665	542.8611	1001.381	0.256534	0.180557	776.8151	794.6112	8.981936	100	33.6
2089.403	1444.903	330.6706	23.27899	0.25312	0.002645	543.9915	1018.899	0.255044	0.167922	796.3079	813.5312	9.195797	100	34.6
2089.556	1445.056	330.6752	23.27923	0.245359	0.002434	553.7502	1027.452	0.247694	0.16737	807.212	823.9709	9.313805	100	36.3
2089.708	1445.208	330.6798	23.27947	0.228162	0.001708	567.9125	1050.075	0.231438	0.174874	819.289	835.4324	9.443362	100	39.8
2089.861	1445.361	330.6844	23.27971	0.215222	0.005734	577.395	1075.411	0.219266	0.180364	828.5103	844.1216	9.541584	100	42.8

2090.013	1445.513	330.689	23.27996	0.209448	1.674144	573.157	1106.686	0.213861	0.180388	835.9362	851.085	9.620293	100	45
2090.166	1445.666	330.6937	23.2802	0.20376	0.081177	546.9988	1146.405	0.208549	0.177055	847.8663	862.2175	9.746133	100	46.4
2090.318	1445.818	330.6983	23.28044	0.198011	0.003564	511.718	1213.224	0.203188	0.176407	856.1585	869.9215	9.833217	100	48.2
2090.47	1445.97	330.7029	23.28069	0.198501	0.003071	482.6692	1279.42	0.203669	0.246439	758.8511	776.8244	8.780885	100	42.7
2090.623	1446.123	330.7075	23.28093	0.232735	0.016295	464.3286	1315.074	0.23589	0.369121	545.0844	504.4181	5.701724	100	22.7
2090.775	1446.275	330.7121	23.28117	0.285273	0.349159	451.7672	1322.585	0.285935	0.489118	310.4276	78.61082	0.888583	100	1.4
2090.927	1446.427	330.7167	23.28141	0.260792	1.347924	439.3761	1292.676	0.262563	0.436779	414.9083	194.3288	2.19661	100	7.1
2091.08	1446.58	330.7214	23.28166	0.22905	1.983876	423.4722	1249.007	0.232473	0.370727	547.5841	508.7551	5.750749	100	24.1
2091.232	1446.732	330.726	23.2819	0.198718	2.393099	411.5908	1160.204	0.203981	0.326252	648.2789	655.0553	7.404465	100	36.4
2091.385	1446.885	330.7306	23.28214	0.181773	2.468589	404.8085	1096.625	0.188197	0.309397	693.3203	707.8779	8.001551	100	43.2
2091.537	1447.037	330.7352	23.28238	0.176208	2.300198	406.525	1065.88	0.183048	0.302996	709.2594	725.3656	8.199226	100	45.7
2091.689	1447.189	330.7398	23.28263	0.207367	1.587397	416.4001	1077.975	0.212149	0.381851	560.2807	530.1425	5.992505	100	27.7
2091.842	1447.342	330.7445	23.28287	0.278181	0.730852	431.3177	1114.878	0.279296	0.507601	294.0813	73.08178	0.826086	100	1.4
2091.994	1447.494	330.7491	23.28311	0.321608	0.605693	451.2779	1166.062	0.321076	0.573989	144.8109	40.74427	0.460556	87.1	0
2092.146	1447.646	330.7537	23.28336	0.310323	0.692664	466.4228	1220.791	0.310208	0.536611	211.3898	52.54964	0.593999	100	0.3
2092.299	1447.799	330.7583	23.2836	0.285712	0.907018	471.2558	1278.698	0.286574	0.476313	327.2172	85.33468	0.964587	100	1.9
2092.451	1447.951	330.7629	23.28384	0.264405	1.178609	465.6071	1323.265	0.266225	0.445072	398.4099	152.202	1.720428	100	5.1
2092.604	1448.104	330.7676	23.28408	0.256124	1.243972	455.3691	1344.951	0.258358	0.434547	423.7911	224.3327	2.535763	100	8.5
2092.756	1448.256	330.7722	23.28433	0.26634	1.133244	446.434	1345.791	0.268114	0.444449	396.6632	148.8189	1.682187	100	4.9
2092.909	1448.409	330.7768	23.28457	0.275155	1.099152	444.6376	1323.229	0.276554	0.455693	369.4991	112.3115	1.269523	100	3.2
2093.061	1448.561	330.7814	23.28481	0.271523	1.144874	445.9576	1306.608	0.273106	0.450825	380.9749	124.7165	1.409744	100	3.8
2093.213	1448.713	330.786	23.28506	0.280256	1.063316	450.5634	1301.193	0.281478	0.471564	340.8023	91.95373	1.039407	100	2.3
2093.366	1448.866	330.7906	23.2853	0.294406	0.932129	450.9772	1306.095	0.295068	0.498248	285.2239	70.38254	0.795575	100	1.2
2093.518	1449.018	330.7952	23.28554	0.291058	0.960291	450.8241	1306.622	0.291875	0.48897	302.4346	75.80649	0.856885	100	1.5
2093.671	1449.171	330.7999	23.28578	0.277708	1.084874	449.4244	1296.933	0.279105	0.461757	357.6103	102.4673	1.158249	100	2.7
2093.823	1449.323	330.8045	23.28603	0.255452	1.360231	446.7784	1279.426	0.257894	0.412967	454.2124	310.3464	3.508028	100	12.4
2093.975	1449.475	330.8091	23.28627	0.259314	1.334611	440.7897	1261.711	0.261591	0.430061	425.5202	229.5867	2.595154	100	8.7
2094.128	1449.628	330.8137	23.28651	0.244358	1.589011	432.8745	1243.266	0.247399	0.400068	486.4968	388.5965	4.392538	100	16.8
2094.28	1449.78	330.8183	23.28675	0.252401	1.439758	425.5826	1256.195	0.255057	0.421573	446.2499	289.0893	3.267749	100	11.7
2094.433	1449.933	330.823	23.287	0.247413	1.585547	416.8174	1253.385	0.250341	0.412774	464.9012	337.6052	3.816152	100	14.2
2094.585	1450.085	330.8276	23.28724	0.260948	1.351393	414.1144	1246.823	0.263235	0.450871	394.5343	144.9146	1.638056	100	4.9
2094.737	1450.237	330.8322	23.28748	0.248256	1.486147	413.6781	1243.805	0.251185	0.429604	440.5115	273.2379	3.088572	100	11.2
2094.89	1450.39	330.8368	23.28773	0.235256	1.59689	414.6581	1227.548	0.238885	0.407091	488.5537	393.1897	4.444458	100	17.7
2095.042	1450.542	330.8414	23.28797	0.22891	1.739684	415.3548	1201.806	0.232908	0.399251	507.6215	433.7885	4.903371	100	20.3
2095.195	1450.695	330.8461	23.28821	0.235108	1.727278	416.2782	1175.961	0.238788	0.418359	473.1378	357.6706	4.042966	100	16
2095.347	1450.847	330.8507	23.28845	0.238529	1.927496	419.6945	1142.089	0.242048	0.427685	455.7689	314.4049	3.553909	100	13.8
2095.5	1451	330.8553	23.2887	0.235261	2.051234	427.4733	1119.266	0.238976	0.410638	483.5321	381.899	4.316835	100	17.3
2095.652	1451.152	330.8599	23.28894	0.214976	1.776002	441.7677	1099.257	0.219862	0.345065	600.3998	591.5251	6.686365	100	30
2095.804	1451.304	330.8645	23.28918	0.206627	1.342806	449.0369	1099.573	0.212042	0.286877	691.4921	705.8364	7.978497	100	37.5
2095.957	1451.457	330.8691	23.28943	0.218025	0.788774	449.564	1108.125	0.222775	0.304546	652.297	660.0051	7.460436	100	32.8
2096.109	1451.609	330.8738	23.28967	0.245827	0.231155	453.4901	1152.844	0.249074	0.383113	507.581	433.7057	4.902439	100	18.2
2096.261	1451.761	330.8784	23.28991	0.273139	0.13351	453.677	1201.944	0.275106	0.445857	385.0709	130.0727	1.47029	100	3.5
2096.414	1451.914	330.883	23.41812	0.271343	0.163707	453.9205	1230.822	0.273412	0.449045	383.0089	127.3057	1.431414	100	3.4
2096.566	1452.066	330.8876	23.39543	0.265826	0.179314	454.1639	1233.954	0.268168	0.441684	400.404	156.2759	1.758817	100	4.8
2096.719	1452.219	330.8922	23.38132	0.284073	0.17388	459.4499	1241.879	0.285634	0.476425	328.3594	85.84364	0.966706	100	1.6
2096.871	1452.371	330.8968	23.36526	0.301482	0.16715	467.6928	1250.014	0.30237	0.508671	260.7636	63.70295	0.717858	100	0.5
2097.023	1452.523	330.9014	23.29693	0.254663	0.184063	473.911	1248.038	0.2576	0.400038	472.4589	356.0462	4.02364	100	14
2097.176	1452.676	330.9061	23.19933	0.217271	0.005387	472.1088	1215.521	0.222239	0.27491	693.934	708.5614	8.040028	100	35.3
2097.328	1452.828	330.9107	23.10132	0.196155	0.013857	465.5186	1159.76	0.202454	0.220846	795.8463	813.0871	9.264036	100	45.7
2097.481	1452.981	330.9153	23.08559	0.193435	0.00378	462.011	1099.412	0.199935	0.28848	705.9876	721.8195	8.229671	100	40.9
2097.633	1453.133	330.9199	23.06516	0.235556	0.023545	464.0701	1079.089	0.23956	0.412984	479.4898	372.6169	4.251997	100	16.2
2097.785	1453.285	330.9245	23.04644	0.282457	0.032146	465.3046	1092.538	0.284238	0.510444	283.3393	69.8302	0.797479	100	0.9
2097.938	1453.438	330.9292	23.07125	0.250474	0.114072	467.4035	1144.242	0.253748	0.431061	434.964	257.4722	2.93737	100	9.9
2098.09	1453.59	330.9338	23.09612	0.255819	0.023148	468.8936	1197.927	0.258851	0.428303	431.7268	248.0648	2.827126	100	9.1
2098.243	1453.743	330.9384	23.06926	0.245291	0.112568	470.7233	1235.039	0.248871	0.395433	490.8616	398.292	4.544385	100	16.7
2098.395	1453.895	330.943	23.19081	0.26218	0.497561	471.93	1244.008	0.264952	0.431419	419.0069	208.4789	2.366639	100	7.3
2098.547	1454.047	330.9476	23.20262	0.265573	0.951978	473.1367	1243.387	0.268209	0.445061	395.688	147.0014	1.667945	100	4.8
2098.7	1454.2	330.9523	23.21873	0.27806	0.934023	474.74	1241.515	0.28016	0.477404	334.5624	88.75061	1.00634	100	2.1
2098.852	1454.352	330.9569	23.17287	0.273166	0.912004	475.1534	1243.395	0.275502	0.468221	353.6631	99.69884	1.132657	100	2.6
2099.005	1454.505	330.9615	23.12808	0.268723	1.042802	473.244	1245.066	0.27128	0.459613	371.3679	114.1076	1.298793	100	3.4
2099.157	1454.657	330.9661	23.15322	0.272467	1.143075	468.6149	1242.152	0.274877	0.462898	361.8708	105.712	1.201981	100	3
2099.309	1454.809	330.9707	23.17843	0.280206	1.218428	461.9463	1230.586	0.282301	0.47558	334.1245	88.53693	1.005646	100	2.2
2099.462	1454.962	330.9753	23.20369	0.27834	1.368319	455.5607	1207.032	0.280536	0.477906	333.3502	88.16238	1.000347	100	2.3
2099.614	1455.114	330.98	23.22901	0.258722	1.627494	452.8579	1176.808	0.261832	0.441966	408.7589	176.1674	1.996822	100	6.5
2099.767	1455.267	330.9846	23.16524	0.253176	1.597578	453.5546	1155.756	0.256576	0.437866	421.6695	217.8216	2.475563	100	8.5
2099.919	1455.419	330.9892	23.09792	0.252399	1.589907	455.6676	1156.279	0.255859	0.44374	414.5537	193.1864	2.201797	100	7.5
2100.071	1455.571	330.9938	23.03131	0.262881	1.276752	455.1746	1176.296	0.265859	0.465245	371.0761	113.8219	1.300904	100	3.6
2100.224	1455.724	330.9984	22.95129	0.258812	1.409003	451.7921	1199.335	0.262005	0.456254	388.8029	135.4778	1.553658	100	4.7
2100.376	1455.876	331.003	22.85902	0.260205	1.353903	448.1262	1207.47	0.263353	0.468074	370.6316	113.3906	1.30546	100	3.7
2100.529	1456.029	331.0077	22.80931	0.263404	1.346216	448.1996	1201.741	0.266423	0.482291	346.7745	95.33428	1.099908	100	2.8
2100.681	1456.181	331.0123	22.75824	0.276987	1.168712	452.4088	1203.933	0.279415	0.50255	300.8883	75.28741	0.870518	100	1.7
2100.833	1456.333	331.0169	22.85773	0.282242	1.055919	458.0914	1218.946	0.284467	0.506505	288.4586	71.34785	0.821494	100	1.5
2100.986	1456.486	331.0215	22.96436	0.256737	1.257579	459.9782	1254.285	0.260138	0.442371	410.5381	181.0789	2.075573	100	6.7
2101.138	1456.638	331.0261	22.90944	0.288285	0.924585	457.1622	1278.783	0.290301	0.49773	292.5174	72.59197	0.834008	100	1.4
2101.291	1456.791	331.0308	22.86063	0.292635	0.87432	452.5332	1285.876	0.294497	0.510221	269.4894	65.97362	0.759546	100	1.1
2101.443	1456.943	331.0354	22.84871	0.277801	0.973403	448.6972	1276.915	0.280303	0.483584	325.837	84.72976	0.975986	100	2
2101.595	1457.095	331.04	22.79701	0.278667	0.928484	446.3344	1267.746	0.281152	0.483991	324.1028	83.98458	0.969539	100	2
2101.748	1457.248	331.0446	22.69761	0.298088	0.788957	441.5696	1266.811	0.2998	0.521991	245.9273	60.07619	0.696487	100	0.8
2101.9	1457.4	331.0492	22.82904	0.310933	0.699611	439.5276	1271.192	0.312187	0.547237	193.9946	49.15799	0.566732	100	0.2
2102.053	1457.553	331.0539	22.94327	0.306973	0.711162	438.911	1274.426	0.308393	0.539685	209.6524	52.19991	0.598905	100	0.4

2102.205	1457.705	331.0585	22.98485	0.297495	0.762902	442.1833	1274.534	0.299296	0.523022	245.2023	59.90573	0.686118	100	0.7
2102.357	1457.857	331.0631	23.07821	0.294718	0.780959	446.3575	1270.89	0.29665	0.519497	253.7182	61.94652	0.70672	100	0.8
2102.51	1458.01	331.0677	23.16692	0.29075	0.813699	451.4869	1264.221	0.292862	0.51252	268.5741	65.73011	0.747114	100	1
2102.662	1458.162	331.0723	23.25283	0.280613	0.875525	453.1689	1261.515	0.283167	0.492979	308.9187	78.06483	0.884153	100	1.6
2102.815	1458.315	331.0769	23.29496	0.267366	0.99431	452.8712	1262.456	0.270527	0.467781	361.1354	105.1313	1.188634	100	3
2102.967	1458.467	331.0816	23.34196	0.236741	1.351653	450.7351	1267.774	0.24144	0.401632	492.5604	402.0133	4.536433	100	17.9
2103.119	1458.619	331.0862	23.29853	0.247716	1.194358	447.2393	1273.823	0.251866	0.435797	431.0252	246.0054	2.781027	100	9.8
2103.272	1458.772	331.0908	23.20782	0.271561	0.929708	446.2361	1281.539	0.274597	0.492403	321.541	82.91273	0.940859	100	2
2103.424	1458.924	331.0954	23.12002	0.292359	0.78087	446.7629	1291.758	0.294536	0.534527	235.8933	57.76841	0.657948	100	0.7
2103.577	1459.077	331.1	23.14222	0.277252	0.889047	448.1961	1296.868	0.280081	0.50789	292.6008	72.61797	0.826316	100	1.5
2103.729	1459.229	331.1046	22.93588	0.268212	0.965921	448.5529	1299.477	0.271464	0.484801	336.3536	89.63919	1.028894	100	2.3
2103.881	1459.381	331.1092	22.83896	0.273646	0.927139	449.6462	1299.793	0.276676	0.489141	323.1739	83.59206	0.963439	100	2
2104.034	1459.534	331.1139	22.75283	0.264904	0.989519	449.0399	1300.318	0.268352	0.466915	365.3318	108.5699	1.255926	100	3.3
2104.186	1459.686	331.1185	22.82388	0.270752	0.937081	447.3002	1300.008	0.273955	0.474898	346.5831	95.22055	1.098189	100	2.6
2104.339	1459.839	331.1231	22.89421	0.27833	0.878914	444.8242	1299.906	0.281221	0.49228	312.569	79.40014	0.913013	100	1.8
2104.491	1459.991	331.1277	22.85927	0.285085	0.827123	442.6313	1297.094	0.287711	0.508032	281.8756	69.40616	0.799284	100	1.3
2104.644	1460.144	331.1324	22.83128	0.292372	0.782218	441.685	1286.674	0.294722	0.522153	252.7133	61.70117	0.711405	100	0.9
2104.796	1460.296	331.137	22.79541	0.276695	0.874834	441.3617	1266.143	0.279721	0.490721	316.7902	81.00903	0.935456	100	1.9
2104.948	1460.448	331.1416	22.7967	0.27041	0.923745	441.3785	1241.025	0.273736	0.479907	339.9717	91.50928	1.056661	100	2.4
2105.101	1460.601	331.1462	22.88573	0.267637	0.951626	441.7353	1232.063	0.271111	0.476575	348.1944	96.18998	1.106532	100	2.6
2105.253	1460.753	331.1508	22.97884	0.264122	0.983076	443.3384	1232.69	0.267779	0.469885	362.0234	105.8336	1.212701	100	3.1
2105.406	1460.906	331.1555	23.07184	0.26841	0.928729	446.6415	1242.909	0.271891	0.478924	343.8759	93.65131	1.068931	100	2.5
2105.558	1461.058	331.1601	23.13606	0.277392	0.877158	451.3041	1248.331	0.280495	0.495442	309.2064	78.16831	0.88982	100	1.7
2105.71	1461.21	331.1647	23.25628	0.294969	0.78375	454.1538	1245.937	0.297367	0.528168	240.7621	58.87466	0.666847	100	0.7
2105.863	1461.363	331.1693	23.3339	0.291229	0.841453	455.5306	1239.164	0.293798	0.523684	251.8747	61.49737	0.69432	100	0.8
2106.015	1461.515	331.1739	23.3928	0.2939	0.836573	454.5276	1220.196	0.296384	0.532339	236.3623	57.87388	0.651826	100	0.7
2106.167	1461.667	331.1785	23.31797	0.2706	1.012709	449.7286	1199.456	0.274091	0.490837	324.3995	84.11092	0.950279	100	2
2106.32	1461.82	331.1831	23.23661	0.24153	1.271848	440.3403	1175.693	0.246453	0.435334	439.1341	269.3646	3.053598	100	11.3
2106.472	1461.972	331.1878	23.31936	0.220313	1.577471	427.2126	1154.744	0.226425	0.388366	531.5884	480.2356	5.425462	100	23.4
2106.625	1462.125	331.1924	23.39631	0.230693	1.361333	417.7675	1133.587	0.23624	0.412365	484.9258	385.0589	4.336413	100	17.5
2106.777	1462.277	331.197	23.43576	0.241765	1.164542	413.0815	1125.98	0.24674	0.435884	437.9779	266.0925	2.991805	100	11
2106.929	1462.429	331.2016	23.51627	0.249207	1.043919	413.6649	1129.734	0.253823	0.450869	407.5256	172.9134	1.937735	100	6.3
2107.082	1462.582	331.2062	23.5176	0.26542	0.887254	413.3983	1144.642	0.269276	0.48206	343.156	93.24602	1.044905	100	2.4
2107.234	1462.734	331.2108	23.43244	0.271676	0.829893	412.112	1158.821	0.275269	0.492537	320.4277	82.45717	0.92726	100	1.9
2107.387	1462.887	331.2155	23.35737	0.264467	0.863045	409.0693	1167.371	0.268411	0.466955	365.1955	108.4532	1.223397	100	3.1
2107.539	1463.039	331.2201	23.35869	0.261038	0.878268	412.6554	1181.34	0.265164	0.444346	400.8766	157.2763	1.774062	100	5.3
2107.691	1463.191	331.2247	23.36001	0.267127	0.82222	417.4882	1197.917	0.270991	0.464509	365.0104	108.2954	1.221508	100	3
2107.844	1463.344	331.2293	23.39612	0.251334	0.944857	416.2586	1210.844	0.255974	0.442859	415.6118	196.6321	2.214607	100	7.3
2107.996	1463.496	331.2339	23.43629	0.247037	0.953621	420.1847	1210.013	0.251914	0.444225	419.3291	209.6696	2.357554	100	8.1
2108.149	1463.649	331.2386	23.35916	0.259885	0.815355	425.3574	1194.276	0.264152	0.479252	354.1023	99.99653	1.127976	100	2.8
2108.301	1463.801	331.2432	23.28699	0.283548	0.698854	426.7906	1169.992	0.286779	0.514568	274.1421	67.23203	0.760668	100	1.1
2108.453	1463.953	331.2478	23.33472	0.306273	0.6298	418.989	1146.75	0.308628	0.542691	205.1803	51.31117	0.579396	100	0.3
2108.606	1464.106	331.2524	23.37761	0.280335	0.802557	406.3712	1131.949	0.283745	0.487379	315.8494	80.64408	0.909011	100	1.7
2108.758	1464.258	331.257	23.46904	0.246371	0.9673	393.0734	1125.593	0.25139	0.413175	462.9007	332.6108	3.735067	100	13.7
2108.911	1464.411	331.2617	23.41592	0.222042	3.703045	383.2316	1114.035	0.228401	0.37244	550.8398	514.3401	5.788528	100	25.4
2109.063	1464.563	331.2663	23.48218	0.214286	3.583482	378.7157	1080.411	0.221121	0.380328	550.0016	512.909	5.756735	100	26.2
2109.215	1464.715	331.2709	23.563	0.212046	3.069089	378.1091	1031.636	0.219037	0.398573	527.6994	473.0157	5.291443	100	24.2
2109.368	1464.868	331.2755	23.56692	0.203553	2.897231	379.6556	995.9447	0.211089	0.400802	535.5901	487.5448	5.453153	100	26
2109.52	1465.02	331.2801	23.47032	0.188566	3.323352	382.9586	976.7608	0.197104	0.378672	585.4294	569.6255	6.396621	100	33.2
2109.673	1465.173	331.2847	23.37967	0.180391	1.717675	385.7516	979.5581	0.189515	0.366804	612.2799	608.1532	6.854934	100	37
2109.825	1465.325	331.2893	23.52379	0.18578	1.619104	388.8845	994.429	0.19455	0.373157	596.5641	586.0184	6.566382	100	34.3
2109.978	1465.478	331.294	23.45248	0.202655	1.370052	389.7514	1008.886	0.210334	0.39965	538.2225	492.288	5.53239	100	26.1
2110.13	1465.63	331.2986	23.44078	0.195603	1.506077	391.8644	1013.409	0.203758	0.382027	571.6173	548.388	6.165884	100	30.4
2110.282	1465.782	331.3032	23.39226	0.181485	1.845026	397.9434	1001.206	0.190618	0.349732	634.3169	637.4354	7.181547	100	38.6
2110.435	1465.935	331.3078	23.30311	0.181114	1.892338	410.6514	980.044	0.190295	0.349851	634.5978	637.7967	7.212276	100	38.8
2110.587	1466.087	331.3124	23.2667	0.197613	1.526528	428.6286	962.9071	0.205701	0.388236	560.3672	530.2847	6.005657	100	29.2
2110.74	1466.24	331.3171	23.37233	0.232397	1.071102	445.4811	955.1385	0.238434	0.442156	440.7862	274.0073	3.089692	100	11.9
2110.892	1466.392	331.3217	23.50795	0.27442	0.747484	455.4782	960.7626	0.27841	0.502118	302.8711	75.95431	0.851688	100	1.5
2111.044	1466.544	331.3263	23.50928	0.304865	0.595004	460.2139	977.7675	0.307639	0.545585	202.5513	50.79627	0.569562	100	0.2
2111.197	1466.697	331.3309	23.45917	0.296142	0.664008	462.0842	1008.084	0.299271	0.515687	255.358	62.34957	0.700555	100	0.8
2111.349	1466.849	331.3355	23.42803	0.293348	0.708175	463.3392	1048.264	0.296609	0.509765	267.2037	65.36796	0.735421	100	0.9
2111.501	1467.001	331.3401	23.37396	0.263644	0.981187	463.4044	1095.688	0.268209	0.45407	383.2548	127.628	1.439102	100	4
2111.654	1467.154	331.3448	23.31399	0.255266	1.062055	466.0274	1146.086	0.260252	0.44153	411.5413	183.9665	2.079543	100	6.7
2111.806	1467.306	331.3494	23.41893	0.266854	0.987561	468.0271	1196.688	0.271313	0.471187	355.3493	100.8555	1.135133	100	2.8
2111.958	1467.458	331.354	23.5239	0.276004	1.003656	468.554	1240.812	0.280075	0.490487	316.6243	80.94441	0.907113	100	1.8
2112.111	1467.611	331.3586	23.6298	0.274857	1.144861	469.0807	1276.462	0.279	0.486675	323.3693	83.67426	0.933654	100	2
2112.263	1467.763	331.3632	23.73697	0.269337	1.271911	469.2675	1302.002	0.273748	0.473176	349.2446	96.83688	1.075825	100	2.6
2112.416	1467.916	331.3679	23.69442	0.296174	1.036353	469.7374	1319.932	0.299475	0.525082	242.1115	59.18572	0.65868	100	0.8
2112.568	1468.068	331.3725	23.65263	0.280034	1.225832	469.8676	1330.045	0.284017	0.490677	310.9221	78.79159	0.878379	100	1.8
2112.721	1468.221	331.3771	23.61617	0.281804	1.273849	468.9212	1337.447	0.285734	0.492523	306.0056	77.03324	0.860066	100	1.7
2112.873	1468.373	331.3817	23.5801	0.282999	1.2421	466.5583	1343.598	0.2869	0.49341	303.1733	76.05699	0.85043	100	1.6
2113.025	1468.525	331.3863	23.53001	0.270316	1.350107	464.2523	1341.203	0.274791	0.465142	358.892	103.4139	1.15871	100	3
2113.178	1468.678	331.3909	23.47266	0.279378	1.220992	464.3256	1330.051	0.283475	0.479072	327.6853	85.54233	0.96074	100	2.1
2113.33	1468.83	331.3955	23.45498	0.270212	1.345046	467.9685	1316.398	0.274735	0.450133	379.683	123.1399	1.384026	100	3.8
2113.483	1468.983	331.4002	23.44122	0.296596	1.055804	472.8577	1311.292	0.300031	0.500409	275.3938	67.57669	0.759964	100	1.1
2113.635	1469.135	331.4048	23.59862	0.291574	1.089999	476.8973	1313.481	0.29523	0.482307	306.9999	77.38211	0.864634	100	1.5
2113.787	1469.287	331.4094	23.58703	0.29546	1.029792	477.7073	1322.76	0.298983	0.495469	283.6567	69.92272	0.781665	100	1.2
2113.94	1469.44	331.414	23.58714	0.265785	1.351212	475.7979	1325.784	0.270596	0.442651	395.7201	147.0605	1.643996	100	4.9
2114.092	1469.592	331.4186	23.59759	0.263639	1.381408	472.8684	1323.387	0.26857	0.451689	386.0424	131.4288	1.468634	100	4.3
2114.245	1469.745	331.4233	23.69954	0.258504	1.455824	469.9391	1312.445	0.2637	0.453247	390.6138	138.3015	1.539026	100	4.7

2114.397	1469.897	331.4279	23.69851	0.254173	1.535921	469.1625	1305.253	0.2596	0.447133	404.7094	165.9158	1.846416	100	6
2114.549	1470.049	331.4325	23.84131	0.248688	1.583066	469.0093	1298.688	0.254409	0.431237	433.8091	254.1337	2.811834	100	10.1
2114.702	1470.202	331.4371	23.94862	0.254046	1.532374	471.9722	1300.669	0.259522	0.43759	417.9857	204.7836	2.256032	100	7.6
2114.854	1470.354	331.4417	24.15723	0.266002	1.380139	473.802	1298.273	0.270931	0.457369	374.9457	117.773	1.286676	100	3.5
2115.007	1470.507	331.4464	24.36227	0.274166	1.331097	475.2919	1293.792	0.278749	0.472162	343.7434	93.57635	1.014048	100	2.4
2115.159	1470.659	331.451	24.17899	0.274761	1.363279	475.6487	1290.979	0.279339	0.473432	341.1767	92.156	1.005955	100	2.3
2115.312	1470.812	331.4556	24.26741	0.279539	1.313973	476.4586	1296.088	0.283932	0.483717	320.6452	82.5457	0.897898	100	1.9
2115.464	1470.964	331.4602	24.30284	0.279829	1.283346	477.2686	1298.903	0.28423	0.484507	319.1421	81.93845	0.89005	100	1.8
2115.616	1471.116	331.4648	24.27055	0.267163	1.370709	478.1352	1307.972	0.272147	0.46161	367.4153	110.397	1.200727	100	3.2
2115.769	1471.269	331.4695	24.33203	0.260828	1.511908	479.4551	1312.665	0.266128	0.455784	383.7614	128.2984	1.392048	100	4.1
2115.921	1471.421	331.4741	24.37285	0.26379	1.514772	481.5117	1305.89	0.268973	0.466261	365.3779	108.6094	1.176533	100	3.2
2116.073	1471.573	331.4787	24.22049	0.288394	1.258971	484.1912	1294.946	0.292522	0.516825	263.1014	64.30051	0.700774	100	1.1
2116.226	1471.726	331.4833	24.09529	0.301839	1.169983	487.1542	1287.755	0.305459	0.538714	215.042	53.29313	0.583724	100	0.5
2116.378	1471.878	331.4879	24.05578	0.29109	1.400901	489.8339	1285.358	0.295152	0.507953	271.7152	66.57125	0.730322	100	1.2
2116.531	1472.031	331.4925	24.06558	0.266074	1.817366	491.8904	1285.256	0.271237	0.447654	387.9297	134.1647	1.471296	100	4.4
2116.683	1472.183	331.4971	24.07709	0.251655	2.00633	491.0007	1285.36	0.257529	0.410756	457.7674	319.5707	3.50294	100	12.8
2116.835	1472.335	331.5018	24.12917	0.256186	1.783422	487.1649	1285.466	0.261859	0.419219	440.1133	272.1211	2.976649	100	10.5
2116.988	1472.488	331.5064	24.19111	0.267284	1.594098	478.6831	1284.32	0.272456	0.443313	392.2382	140.9553	1.538078	100	4.5
2117.14	1472.64	331.511	24.07047	0.26223	1.659156	474.1671	1280.672	0.267657	0.435856	409.1511	177.2276	1.943234	100	6.2
2117.293	1472.793	331.5156	23.94318	0.250175	1.859984	472.0874	1274.211	0.256209	0.419385	447.6807	292.9712	3.228819	100	11.8
2117.445	1472.945	331.5202	23.80756	0.257015	1.657078	473.8038	1270.25	0.262734	0.442904	406.2193	169.5948	1.879387	100	6.1
2117.597	1473.097	331.5248	23.66242	0.262848	1.526196	476.7669	1275.776	0.268311	0.45856	376.9184	119.9324	1.336931	100	3.8
2117.75	1473.25	331.5295	23.64726	0.286676	1.269443	481.2028	1285.052	0.291112	0.506055	279.9104	68.8433	0.767905	100	1.3
2117.902	1473.402	331.5341	23.63043	0.298044	1.190074	482.5228	1292.872	0.302047	0.522094	242.6862	59.31881	0.662127	100	0.8
2118.055	1473.555	331.5387	23.65358	0.298002	1.216639	481.0665	1288.078	0.302028	0.516747	250.0909	61.06673	0.681	100	0.9
2118.207	1473.707	331.5433	23.70216	0.288725	1.33164	482.4997	1283.074	0.293141	0.49385	293.9528	73.04131	0.812933	100	1.5
2118.359	1473.859	331.5479	23.71923	0.283503	1.391379	483.3665	1283.18	0.288157	0.478625	321.8413	83.03665	0.923545	100	1.9
2118.512	1474.012	331.5526	23.79505	0.277187	1.433984	484.7995	1288.809	0.282132	0.460139	355.6655	101.0766	1.12074	100	2.7
2118.664	1474.164	331.5572	23.76274	0.27359	1.478402	484.6464	1295.793	0.278715	0.449614	374.9068	117.7315	1.307137	100	3.5
2118.817	1474.317	331.5618	23.88343	0.284311	1.349708	485.4563	1293.084	0.288996	0.475051	325.6154	84.63361	0.935087	100	2
2118.969	1474.469	331.5664	23.7813	0.276912	1.513367	487.5694	1290.061	0.281933	0.458292	358.4892	103.1138	1.144001	100	2.9
2119.121	1474.621	331.571	23.83426	0.273843	1.511469	490.3624	1284.746	0.27902	0.44978	374.2552	117.0411	1.295746	100	3.5
2119.274	1474.774	331.5757	23.88715	0.273829	1.46949	493.2686	1278.284	0.279028	0.448078	376.5939	119.57	1.320927	100	3.5
2119.426	1474.926	331.5803	23.8568	0.258046	1.645036	495.9483	1266.089	0.263995	0.406672	454.4804	311.0474	3.440492	100	12.1
2119.579	1475.079	331.5849	23.81675	0.263829	1.460185	497.3816	1258.584	0.269526	0.414943	435.4336	258.824	2.867525	100	9.6
2119.731	1475.231	331.5895	23.8733	0.26352	1.39464	496.8885	1258.896	0.269252	0.399622	456.954	317.4744	3.509308	100	12
2119.883	1475.383	331.5941	23.68378	0.280668	1.162334	495.0923	1266.819	0.285656	0.437718	381.7431	125.6785	1.399976	100	3.6
2120.036	1475.536	331.5987	23.64068	0.270481	1.188743	493.1826	1279.64	0.275938	0.413671	428.3404	238.0559	2.656483	100	8.4
2120.188	1475.688	331.6033	23.42329	0.273775	1.200863	492.4627	1285.478	0.279106	0.428463	403.5551	163.2113	1.837644	100	5.3
2120.341	1475.841	331.608	23.18456	0.261381	1.378009	492.5928	1290.378	0.2673	0.407676	448.5341	295.2734	3.357733	100	11.5
2120.493	1475.993	331.6126	23.26209	0.260768	1.456482	492.8362	1297.153	0.266737	0.413166	441.7339	276.6529	3.135867	100	10.7
2120.646	1476.146	331.6172	23.19646	0.271395	1.349129	492.9663	1309.869	0.276897	0.439083	391.9488	140.4739	1.596652	100	4.6
2120.798	1476.298	331.6218	23.26169	0.279582	1.332025	493.2663	1320.294	0.284746	0.459629	352.7625	99.09622	1.123299	100	2.7
2120.95	1476.45	331.6264	23.46916	0.277386	1.442251	494.1895	1320.398	0.282666	0.458885	356.6589	101.7803	1.143866	100	2.8
2121.103	1476.603	331.6311	23.54958	0.277834	1.503302	496.6425	1315.917	0.283116	0.463033	350.3148	97.50881	1.092253	100	2.7
2121.255	1476.755	331.6357	23.5294	0.271157	1.667162	499.9454	1312.581	0.276755	0.448671	378.9127	122.224	1.370251	100	3.8
2121.407	1476.907	331.6403	23.61801	0.278624	1.513824	504.1549	1309.246	0.283914	0.464422	347.2955	95.64576	1.068405	100	2.6
2121.56	1477.06	331.6449	23.47272	0.281887	1.478384	507.4578	1304.763	0.28706	0.465884	340.9373	92.02651	1.034137	100	2.4
2121.712	1477.212	331.6495	23.30074	0.276464	1.46722	510.5907	1295.695	0.281892	0.445001	376.8881	119.8984	1.356979	100	3.6
2121.865	1477.365	331.6542	23.153	0.278115	1.395583	512.7038	1291.422	0.283492	0.43601	387.0875	132.9269	1.513742	100	4.1
2122.017	1477.517	331.6588	23.04342	0.279718	1.297123	514.2504	1289.024	0.285047	0.431814	390.7322	138.491	1.584388	100	4.3
2122.169	1477.669	331.6634	22.87107	0.275204	1.31935	517.8932	1286.106	0.280751	0.42359	408.0096	174.176	2.007217	100	5.9
2122.322	1477.822	331.668	22.82939	0.277328	1.257502	522.9523	1280.06	0.282803	0.430422	395.7488	147.1134	1.698365	100	4.8
2122.474	1477.974	331.6726	23.07364	0.27793	1.207313	527.942	1273.284	0.283401	0.428336	397.8034	151.0082	1.725449	100	4.8
2122.627	1478.127	331.6772	23.08784	0.265187	1.28663	529.3254	1278.6	0.271249	0.388656	469.3305	348.4939	3.979627	100	13.7
2122.779	1478.279	331.6819	23.14362	0.26584	1.09555	523.949	1291.525	0.271894	0.385419	472.9089	357.1234	4.06869	100	13.9
2122.931	1478.431	331.6865	23.34699	0.268107	0.862321	516.6318	1310.287	0.274078	0.393882	458.2155	320.722	3.623184	100	12
2123.084	1478.584	331.6911	23.33219	0.272493	1.074768	508.5177	1334.886	0.278289	0.4221	413.4636	189.7519	2.144957	100	6.4
2123.236	1478.736	331.6957	23.5723	0.26396	1.267438	503.0757	1378.248	0.270166	0.413493	436.5517	262.0297	2.932826	100	9.8
2123.389	1478.889	331.7003	23.50373	0.276145	1.204923	500.1466	1426.352	0.281822	0.453891	364.7163	108.046	1.212752	100	3
2123.541	1479.041	331.7049	23.63208	0.3068	0.925281	500.7489	1457.258	0.311265	0.52584	224.7954	55.33593	0.617858	100	0.5
2123.693	1479.193	331.7095	23.66529	0.288199	1.344559	495.2067	1446.002	0.293409	0.485106	305.6501	76.9093	0.857581	100	1.6
2123.846	1479.346	331.7142	23.79031	0.287058	1.670328	482.9499	1400.764	0.292336	0.484554	307.8924	77.69807	0.861986	100	1.8
2123.998	1479.498	331.7188	23.77409	0.243284	2.860683	467.0458	1333.481	0.250612	0.394717	489.4453	395.1673	4.386937	100	17.2
2124.151	1479.651	331.7234	23.92612	0.222343	2.981324	457.0341	1253.584	0.230834	0.359353	565.5413	538.7047	5.943781	100	25.9
2124.303	1479.803	331.728	23.8457	0.207661	2.791922	454.8976	1213.764	0.217049	0.357075	587.7098	573.0337	6.343195	100	29.7
2124.455	1479.955	331.7326	23.76325	0.213237	2.357556	459.3335	1209.281	0.222307	0.392294	531.8506	480.7182	5.33919	100	24.1
2124.608	1480.108	331.7373	23.6943	0.226484	2.173405	465.1858	1240.446	0.234804	0.410539	489.4262	395.1251	4.400915	100	18.4
2124.76	1480.26	331.7419	23.62782	0.23964	1.958656	468.9987	1276.615	0.247266	0.428976	446.7871	290.5501	3.244987	100	12.4
2124.913	1480.413	331.7465	23.60588	0.265061	1.569121	471.9617	1301.945	0.271451	0.474936	349.9866	97.30138	1.08769	100	2.9
2125.065	1480.565	331.7511	23.5787	0.258817	1.654544	473.6782	1312.16	0.265522	0.455395	385.1339	130.1595	1.456633	100	4.4
2125.217	1480.717	331.7557	23.55397	0.270796	1.455183	474.5449	1312.681	0.276967	0.47949	336.0891	89.50646	1.002706	100	2.4
2125.37	1480.87	331.7604	23.54026	0.267921	1.471153	474.7881	1307.781	0.274244	0.471362	351.0637	97.98689	1.098339	100	2.8
2125.522	1481.022	331.765	23.52199	0.258198	1.749583	474.8048	1300.797	0.264997	0.444821	400.4513	156.3755	1.754153	100	5.6
2125.675	1481.175	331.7696	23.49797	0.251166	1.977232	475.4449	1300.692	0.258329	0.423938	438.4715	267.4919	3.003606	100	10.9
2125.827	1481.327	331.7742	23.46902	0.263724	1.734344	477.3314	1310.176	0.270304	0.453595	381.0194	124.7716	1.402718	100	4.1
2125.979	1481.479	331.7788	23.47573	0.285871	1.392506	481.0873	1319.869	0.291498	0.501089	286.2297	70.68029	0.794396	100	1.5
2126.132	1481.632	331.7834	23.46281	0.290293	1.358127	484.6169	1332.065	0.29576	0.51032	267.6104	65.47514	0.736294	100	1.2
2126.284	1481.784	331.7881	23.3972	0.29845	1.337679	485.5403	1336.963	0.303615	0.52655	234.3715	57.42765	0.647555	100	0.8
2126.437	1481.937	331.7927	23.34689	0.281856	1.585444	484.254	1336.65	0.287715	0.491282	304.9836	76.67802	0.866435	100	1.8

2126.589	1482.089	331.7973	23.31195	0.273068	1.838061	481.7777	1332.167	0.27933	0.470974	344.5806	94.05289	1.064317	100	2.7
2126.741	1482.241	331.8019	23.31274	0.262979	1.97562	480.4347	1322.473	0.269723	0.44731	390.4945	138.1111	1.562852	100	4.8
2126.894	1482.394	331.8065	23.4386	0.273776	1.675571	479.6015	1317.782	0.28005	0.47035	344.4488	93.97743	1.057923	100	2.6
2127.046	1482.546	331.8111	23.58824	0.281731	1.447585	478.8815	1315.383	0.287681	0.488691	308.6073	77.95319	0.872158	100	1.8
2127.199	1482.699	331.8158	23.7285	0.286974	1.386371	477.9919	1315.487	0.292727	0.500222	285.7305	70.53226	0.78463	100	1.4
2127.351	1482.851	331.8204	23.85358	0.284872	1.387373	477.1021	1313.297	0.290733	0.492478	299.1692	74.71849	0.826997	100	1.6
2127.503	1483.003	331.825	23.99152	0.275321	1.544629	475.8157	1307.668	0.281612	0.468622	344.6778	94.10862	1.035839	100	2.5
2127.656	1483.156	331.8296	24.06237	0.270077	1.553226	474.076	1294.741	0.276623	0.454547	370.9853	113.7335	1.248303	100	3.4
2127.808	1483.308	331.8342	23.90672	0.270554	1.520623	471.7132	1279.94	0.2771	0.453516	371.7501	114.4845	1.264453	100	3.4
2127.961	1483.461	331.8389	23.94692	0.278368	1.333742	469.9168	1263.573	0.28459	0.471185	337.0295	89.98072	0.992214	100	2.2
2128.113	1483.613	331.8435	23.969	0.27364	1.364613	469.3103	1248.146	0.28009	0.460468	358.03	102.7745	1.132295	100	2.8
2128.265	1483.765	331.8481	23.81508	0.267641	1.392289	470.0636	1240.015	0.274382	0.443613	389.167	136.0346	1.508096	100	4.3
2128.418	1483.918	331.8527	23.88628	0.262116	1.542417	472.2898	1241.889	0.269135	0.427333	418.875	207.9949	2.299242	100	7.5
2128.57	1484.07	331.8573	23.78046	0.26794	1.468572	476.216	1255.022	0.274711	0.439919	393.8105	143.6392	1.594672	100	4.7
2128.723	1484.223	331.862	23.7816	0.276059	1.401754	480.9352	1278.681	0.282489	0.457685	358.5608	103.1669	1.145311	100	2.8
2128.875	1484.375	331.8666	23.62134	0.272072	1.46309	486.6743	1300.883	0.278699	0.448405	376.5957	119.572	1.336148	100	3.6
2129.027	1484.527	331.8712	23.63959	0.27108	1.46815	491.1672	1312.661	0.277772	0.445744	381.5478	125.4322	1.4006	100	3.9
2129.18	1484.68	331.8758	23.48267	0.268054	1.52536	492.9969	1331.839	0.274905	0.43493	400.428	156.3264	1.756869	100	5.3
2129.332	1484.832	331.8804	23.4663	0.284542	1.24949	493.3536	1341.741	0.290695	0.470341	329.7699	86.48292	0.972601	100	2.1
2129.485	1484.985	331.885	23.36232	0.29876	1.161995	493.3136	1347.681	0.304362	0.49856	271.9676	66.63953	0.752675	100	1.1
2129.637	1485.137	331.8897	23.38245	0.299722	1.216299	494.2935	1338.402	0.305309	0.497432	272.2169	66.70704	0.752817	100	1.1
2129.79	1485.29	331.8943	23.42649	0.297895	1.336027	494.2538	1329.125	0.303574	0.490263	284.5049	70.17098	0.790476	100	1.3
2129.942	1485.442	331.8989	23.49873	0.302271	1.250441	490.1911	1325.058	0.307803	0.497575	268.5777	65.73106	0.738265	100	1.1
2130.094	1485.594	331.9035	23.57333	0.291792	1.327225	483.4088	1322.242	0.297754	0.481104	305.1765	76.74481	0.859337	100	1.6
2130.247	1485.747	331.9081	23.7067	0.279614	1.517263	477.3633	1310.463	0.286104	0.460316	349.9405	97.27234	1.083277	100	2.6
2130.399	1485.899	331.9127	23.75463	0.267598	1.742169	473.7538	1291.386	0.274641	0.435501	400.0045	155.441	1.727716	100	5.3
2130.552	1486.052	331.9174	23.80208	0.25062	2.07551	472.6374	1289.405	0.258494	0.395822	477.0441	366.9149	4.07042	100	15.2
2130.704	1486.204	331.922	23.84092	0.260934	1.785201	473.1638	1291.8	0.268329	0.4203	429.6921	242.0719	2.681258	100	9.1
2130.856	1486.356	331.9266	23.88503	0.268524	1.626612	475.0502	1315.668	0.275588	0.436914	396.7468	148.9771	1.647186	100	4.9
2131.009	1486.509	331.9312	23.93602	0.284555	1.393174	476.2568	1334.742	0.290942	0.475682	322.0593	83.1269	0.917223	100	1.9
2131.161	1486.661	331.9358	23.91622	0.287592	1.386489	478.0865	1348.396	0.293874	0.483761	306.8634	77.33402	0.853995	100	1.7
2131.313	1486.813	331.9404	23.89378	0.28482	1.485542	477.0268	1344.852	0.291238	0.479565	316.2916	80.81514	0.893255	100	1.9
2131.466	1486.966	331.9451	23.82497	0.287181	1.548782	477.4402	1339.013	0.293523	0.486493	303.5785	76.1951	0.844547	100	1.7
2131.618	1487.118	331.9497	23.80638	0.290611	1.600312	476.1537	1327.649	0.296834	0.491983	291.433	72.25583	0.801496	100	1.5
2131.771	1487.271	331.9543	23.78374	0.286559	1.618882	475.8871	1313.576	0.292969	0.481169	311.689	79.07368	0.877938	100	1.8
2131.923	1487.423	331.9589	23.80109	0.28102	1.659934	475.5071	1295.542	0.287684	0.465081	341.184	92.15997	1.022522	100	2.4
2132.075	1487.575	331.9635	23.76133	0.279173	1.597877	475.2407	1281.261	0.285938	0.456953	354.8107	100.4819	1.116668	100	2.8
2132.228	1487.728	331.9682	23.70615	0.276014	1.61578	474.6908	1278.652	0.282936	0.457456	358.2589	102.9433	1.146607	100	2.9
2132.38	1487.88	331.9728	23.65083	0.280999	1.452278	473.5744	1288.761	0.287728	0.476084	325.9399	84.77445	0.946383	100	2.1
2132.533	1488.033	331.9774	23.56086	0.280868	1.410729	472.9111	1300.226	0.287624	0.473135	330.1531	86.65872	0.971	100	2.2
2132.685	1488.185	331.982	23.49883	0.282241	1.395706	472.1913	1310.022	0.28896	0.473446	327.8804	85.62927	0.961925	100	2.1
2132.837	1488.337	331.9866	23.437	0.291179	1.275486	471.3015	1308.562	0.29755	0.491595	290.9805	72.11638	0.812203	100	1.4
2132.99	1488.49	331.9912	23.42395	0.279216	1.378617	469.4486	1298.762	0.286106	0.463519	345.5174	94.59412	1.065941	100	2.5
2133.142	1488.642	331.9959	23.46635	0.280021	1.330246	467.6523	1289.379	0.286899	0.466899	339.7596	91.39673	1.028121	100	2.3
2133.295	1488.795	332.0005	23.40942	0.272374	1.377354	464.836	1288.752	0.279606	0.450907	371.8921	114.6254	1.292468	100	3.4
2133.447	1488.947	332.0051	23.36133	0.277302	1.297744	464.0594	1294.796	0.284338	0.456972	356.9918	102.0192	1.15263	100	2.8
2133.599	1489.099	332.0097	23.40982	0.282184	1.248777	463.5662	1303.758	0.289033	0.46275	342.5404	92.90321	1.047541	100	2.3
2133.752	1489.252	332.0143	23.35596	0.281151	1.287269	464.4328	1313.554	0.288065	0.46613	339.211	91.10737	1.029596	100	2.3
2133.904	1489.404	332.0189	23.46299	0.285138	1.232409	466.0358	1315.845	0.291906	0.480922	313.4979	79.74798	0.897254	100	1.8
2134.057	1489.557	332.0236	23.53686	0.287781	1.212454	468.0922	1311.831	0.294461	0.487946	300.2785	75.08463	0.842229	100	1.5
2134.209	1489.709	332.0282	23.55494	0.29345	1.128398	469.1288	1298.539	0.299922	0.501108	274.5796	67.35219	0.75494	100	1.2
2134.361	1489.861	332.0328	23.5471	0.28832	1.21422	469.5422	1285.717	0.29502	0.492788	292.8252	72.68792	0.815018	100	1.4
2134.514	1490.014	332.0374	23.72611	0.281832	1.301653	469.5588	1277.584	0.288824	0.481591	316.828	81.02378	0.901864	100	1.9
2134.666	1490.166	332.042	23.91225	0.274133	1.44308	469.5756	1281.178	0.281479	0.46838	345.1949	94.40681	1.042935	100	2.5
2134.819	1490.319	332.0467	23.83215	0.275904	1.416036	469.5923	1294.674	0.283194	0.475883	332.4736	87.74335	0.972478	100	2.2
2134.971	1490.471	332.0513	23.82607	0.276419	1.397429	469.7222	1308.014	0.283707	0.479647	326.5719	85.0505	0.942875	100	2.1
2135.124	1490.624	332.0559	23.81075	0.282499	1.307274	469.8523	1311.244	0.289548	0.494919	297.4362	74.1533	0.822587	100	1.6
2135.276	1490.776	332.0605	23.774	0.286557	1.293214	470.0955	1304.884	0.293458	0.497052	289.0966	71.54092	0.794801	100	1.4
2135.428	1490.928	332.0651	23.86736	0.293412	1.173274	469.8856	1300.608	0.300056	0.504268	270.0332	66.11889	0.731795	100	1.1
2135.581	1491.081	332.0698	23.7098	0.299689	1.107309	468.9392	1300.918	0.306108	0.51321	249.3407	60.88676	0.67822	100	0.8
2135.733	1491.233	332.0744	23.70233	0.307258	1.042747	467.8794	1308.316	0.313414	0.525125	222.8165	54.91452	0.611888	100	0.5
2135.885	1491.385	332.079	23.6487	0.294759	1.181461	466.9328	1321.76	0.301413	0.503763	268.8577	65.80541	0.734855	100	1.1
2136.038	1491.538	332.0836	23.59047	0.284583	1.277483	470.4056	1335.622	0.291671	0.487962	304.1058	76.3756	0.854938	100	1.7
2136.19	1491.69	332.0882	23.70002	0.278839	1.368691	474.9548	1342.812	0.286193	0.498631	296.9436	73.99411	0.824585	100	1.6
2136.343	1491.843	332.0928	23.81021	0.274595	1.444635	478.0311	1345.834	0.282155	0.511793	284.352	70.12612	0.777993	100	1.5
2136.495	1491.995	332.0974	23.99831	0.259204	1.660962	478.4445	1348.228	0.267491	0.487841	337.6431	90.29378	0.994162	100	2.6
2136.647	1492.147	332.1021	24.05169	0.269355	1.499965	479.1977	1350.415	0.277192	0.510593	292.8575	72.698	0.79872	100	1.7
2136.8	1492.3	332.1067	24.10293	0.27642	1.435237	479.6676	1355.312	0.283964	0.509177	285.465	70.45372	0.772482	100	1.5
2136.952	1492.452	332.1113	24.10198	0.2703	1.549267	478.3246	1349.577	0.278136	0.476786	338.2078	90.58452	0.993251	100	2.4
2137.104	1492.604	332.1159	24.06927	0.256009	1.873415	475.9617	1342.591	0.264534	0.448614	395.8547	147.3086	1.617359	100	5.2
2137.257	1492.757	332.1205	24.21289	0.255913	1.879966	473.3722	1330.809	0.264465	0.455255	386.7868	132.4916	1.446366	100	4.5
2137.409	1492.909	332.1251	24.22401	0.276496	1.558125	471.7458	1326.429	0.284121	0.493255	307.2204	77.45993	0.845238	100	1.8
2137.562	1493.062	332.1298	24.24132	0.283043	1.455486	471.2524	1327.261	0.290409	0.500088	289.1144	71.54632	0.780179	100	1.5
2137.714	1493.214	332.1344	24.22985	0.27947	1.492586	470.9859	1334.451	0.287009	0.485055	314.5517	80.14674	0.87437	100	1.9
2137.867	1493.367	332.139	24.24533	0.276447	1.482598	473.4954	1344.871	0.284138	0.470117	339.1271	91.06333	0.992864	100	2.3
2138.019	1493.519	332.1436	24.23335	0.289628	1.304281	476.8548	1358.002	0.296785	0.50035	279.9541	68.85575	0.7511	100	1.3
2138.171	1493.671	332.1482	24.41172	0.302324	1.181564	481.5175	1375.929	0.309005	0.529719	222.561	54.86039	0.594224	100	0.6
2138.324	1493.824	332.1529	24.37703	0.288148	1.41725	482.4975	1390.832	0.295408	0.503945	276.8933	67.99316	0.73749	100	1.3
2138.476	1493.976	332.1575	24.47857	0.288638	1.478889	482.4575	1389.476	0.295899	0.507996	270.6246	66.27744	0.716014	100	1.2
2138.629	1494.129	332.1621	24.47066	0.284037	1.578667	481.1711	1373.317	0.29151	0.501594	285.5162	70.46886	0.761539	100	1.4

2138.781	1494.281	332.1667	24.59576	0.289087	1.442165	479.3747	1347.568	0.296373	0.51466	260.7746	63.70576	0.685086	100	1.1
2138.933	1494.433	332.1713	24.53746	0.294846	1.268983	478.0316	1338.079	0.301922	0.526479	236.8061	57.97391	0.624879	100	0.8
2139.086	1494.586	332.176	24.54812	0.293421	1.248784	477.1984	1340.787	0.300574	0.523625	242.6046	59.29987	0.63891	100	0.8
2139.238	1494.738	332.1806	24.38495	0.276084	1.436276	476.6484	1345.682	0.283983	0.492577	308.3484	77.86061	0.844303	100	1.8
2139.391	1494.891	332.1852	24.37889	0.259776	1.653746	476.4385	1345.576	0.26844	0.463734	369.6006	112.407	1.21922	100	3.5
2139.543	1495.043	332.1898	24.40495	0.251924	1.809759	476.1153	1340.466	0.26099	0.449947	398.9071	153.1961	1.659944	100	5.4
2139.695	1495.195	332.1944	24.42949	0.25636	1.760427	475.5088	1333.271	0.26523	0.461767	376.7455	119.739	1.296179	100	3.9
2139.848	1495.348	332.199	24.26044	0.255541	1.811144	474.4489	1333.373	0.264472	0.459105	381.465	125.3281	1.365807	100	4.2
2140	1495.5	332.2037	24.09447	0.266606	1.600497	473.8989	1340.978	0.275035	0.480418	337.4746	90.20752	0.989611	100	2.5
2140.153	1495.653	332.2083	24.28836	0.273836	1.417495	474.5956	1346.917	0.281961	0.494155	308.9601	78.0797	0.849975	100	1.8
2140.305	1495.805	332.2129	24.34714	0.278595	1.330011	476.1986	1350.145	0.286533	0.503002	290.4421	71.9511	0.781443	100	1.5
2140.458	1495.958	332.2175	24.41489	0.269346	1.451323	478.085	1350.039	0.277713	0.481735	331.9615	87.50095	0.947793	100	2.2
2140.61	1496.11	332.2221	24.4334	0.273638	1.405883	480.028	1348.889	0.281835	0.487416	318.4333	81.65575	0.883842	100	1.9
2140.762	1496.262	332.2267	24.45258	0.293103	1.161202	481.4044	1348.573	0.300503	0.521772	245.2597	59.91921	0.648082	100	0.8
2140.915	1496.415	332.2314	24.63567	0.279804	1.317227	481.5345	1349.092	0.287775	0.488998	308.0541	77.75563	0.834986	100	1.7
2141.067	1496.567	332.236	24.59916	0.283871	1.297114	481.0978	1349.61	0.291691	0.498611	289.3832	71.62795	0.77029	100	1.4
2141.219	1496.719	332.2406	24.74162	0.271863	1.461243	479.868	1349.92	0.280224	0.476961	335.0858	89.00784	0.951897	100	2.2
2141.372	1496.872	332.2452	24.74483	0.284338	1.357296	478.6384	1349.812	0.292181	0.503165	282.4225	69.56411	0.74387	100	1.3
2141.524	1497.024	332.2498	24.55966	0.272377	1.525395	477.1252	1347.204	0.280757	0.477583	333.4909	88.23016	0.950329	100	2.2
2141.677	1497.177	332.2545	24.44873	0.282127	1.338041	475.7255	1341.885	0.290105	0.499184	290.781	72.05508	0.779507	100	1.4
2141.829	1497.329	332.2591	24.25083	0.277086	1.352181	473.8157	1330.312	0.285301	0.490864	308.8922	78.05531	0.85107	100	1.8
2141.981	1497.481	332.2637	24.19806	0.271577	1.391452	471.7928	1321.658	0.280056	0.481201	329.4649	86.34366	0.943431	100	2.2
2142.134	1497.634	332.2683	24.19709	0.267703	1.472547	470.9029	1313.419	0.276378	0.474799	343.3753	93.36897	1.020242	100	2.5
2142.286	1497.786	332.2729	24.37627	0.272723	1.401276	470.6362	1311.852	0.281193	0.48518	322.4053	83.27061	0.903455	100	2
2142.439	1497.939	332.2776	24.4036	0.270921	1.367505	470.8795	1313.413	0.279493	0.4806	331.0718	87.08395	0.943817	100	2.2
2142.591	1498.091	332.2822	24.17939	0.272596	1.324963	470.6696	1308.928	0.281115	0.484843	322.9784	83.51	0.913185	100	2
2142.743	1498.243	332.2868	24.12974	0.264122	1.431572	470.1764	1308.404	0.273048	0.468563	356.5775	101.7221	1.114555	100	2.9
2142.896	1498.396	332.2914	24.05572	0.268711	1.386199	469.2865	1311.006	0.277447	0.480957	333.4018	88.18721	0.969134	100	2.3
2143.048	1498.548	332.296	24.21667	0.273511	1.339128	467.7169	1319.655	0.282053	0.493832	309.2799	78.19481	0.853818	100	1.8
2143.201	1498.701	332.3006	24.19665	0.291698	1.082888	467.3369	1324.133	0.299493	0.52953	235.9478	57.78065	0.631424	100	0.7
2143.353	1498.853	332.3052	24.17502	0.290794	1.083138	468.0901	1328.612	0.298647	0.526485	241.3178	59.00253	0.645339	100	0.8
2143.505	1499.005	332.3099	23.98876	0.291074	1.104761	471.2795	1335.593	0.298937	0.521617	247.6351	60.48003	0.666464	100	0.9
2143.658	1499.158	332.3145	23.9566	0.283445	1.226411	475.4887	1350.39	0.291644	0.49824	289.9602	71.80372	0.79228	100	1.4
2143.81	1499.31	332.3191	23.77312	0.292013	1.130657	480.3214	1367.69	0.299881	0.508717	264.1353	64.56723	0.717754	100	1.1
2143.963	1499.463	332.3237	23.73704	0.284906	1.27791	482.8311	1380.821	0.293085	0.486683	303.9199	76.31187	0.849567	100	1.6
2144.115	1499.615	332.3283	23.54552	0.284981	1.376029	482.6777	1388.114	0.293179	0.492556	295.6861	73.5907	0.825728	100	1.6
2144.267	1499.767	332.3329	23.54325	0.282974	1.538126	481.448	1383.525	0.291276	0.499964	288.0884	71.23622	0.799392	100	1.6
2144.42	1499.92	332.3376	23.59127	0.27115	1.714538	478.7451	1369.762	0.279988	0.488959	318.8538	81.82319	0.916396	100	2.2
2144.572	1500.072	332.3422	23.64475	0.257604	1.93745	476.3821	1352.039	0.267092	0.475556	355.1455	100.7136	1.125506	100	3.2
2144.725	1500.225	332.3468	23.73338	0.257186	1.877458	475.7188	1341.404	0.266716	0.477401	353.1181	99.33296	1.106077	100	3.2
2144.877	1500.377	332.3514	23.71082	0.255114	1.9408	476.9252	1344.213	0.264765	0.469656	366.4985	109.5826	1.221342	100	3.7
2145.029	1500.529	332.356	23.77831	0.25477	1.920875	477.7918	1357.865	0.264459	0.46546	372.7115	115.4479	1.283194	100	3.9
2145.182	1500.682	332.3607	23.78336	0.255694	1.986848	475.3722	1355.256	0.265359	0.463949	373.5545	116.3108	1.292532	100	3.9
2145.334	1500.834	332.3653	23.79337	0.251356	2.103136	470.0631	1339.096	0.261256	0.457739	387.7879	133.9543	1.48801	100	4.8
2145.487	1500.987	332.3699	23.68673	0.238578	2.476072	464.5272	1310.428	0.249155	0.437527	432.3798	249.975	2.788926	100	10.7
2145.639	1501.139	332.3745	23.67872	0.23847	2.202797	462.3908	1304.274	0.249073	0.43966	429.5485	241.6464	2.696914	100	10.3
2145.792	1501.292	332.3791	23.61377	0.250796	1.814998	464.5038	1302.29	0.260787	0.464522	379.0741	122.4145	1.369867	100	4.3
2145.944	1501.444	332.3838	23.55077	0.253415	1.619084	467.8632	1305.1	0.263298	0.465888	373.7239	116.4862	1.306914	100	3.9
2146.096	1501.596	332.3884	23.36987	0.255801	1.691506	471.2792	1307.494	0.265588	0.464376	372.6486	115.3842	1.304268	100	3.9
2146.249	1501.749	332.393	23.18684	0.250219	1.913733	473.7322	1314.474	0.260302	0.451645	397.513	150.444	1.713601	100	5.7
2146.401	1501.901	332.3976	23.18244	0.241359	2.19971	476.865	1334.066	0.251916	0.435461	431.4197	247.1644	2.815823	100	10.6
2146.553	1502.053	332.4022	23.05563	0.239981	2.336252	479.3747	1361.894	0.250632	0.42762	444.0124	282.9627	3.240888	100	12.5
2146.706	1502.206	332.4068	23.04053	0.254549	1.881377	482.9041	1399.101	0.264482	0.449701	394.4277	144.7252	1.658669	100	5.4
2146.858	1502.358	332.4114	23.03561	0.281437	1.621703	484.5072	1427.346	0.290164	0.496141	294.8995	73.34043	0.840724	100	1.7
2147.011	1502.511	332.4161	23.03689	0.29693	1.501158	487.4134	1444.854	0.305047	0.517166	245.3451	59.93926	0.687072	100	1
2147.163	1502.663	332.4207	23.12129	0.296538	1.677861	488.9032	1446.831	0.304692	0.511819	253.2154	61.82359	0.706169	100	1.2
2147.315	1502.815	332.4253	23.27838	0.290584	1.846138	489.9964	1440.052	0.298996	0.499567	277.9832	68.29837	0.775028	100	1.5
2147.468	1502.968	332.4299	23.32914	0.288533	1.877614	489.5597	1432.647	0.29705	0.497481	283.5482	69.89108	0.791437	100	1.6
2147.62	1503.12	332.4345	23.17153	0.288817	1.820436	488.7831	1424.722	0.297343	0.501723	277.2888	68.10367	0.776289	100	1.5
2147.773	1503.273	332.4392	23.19621	0.286913	1.789118	487.3268	1412.209	0.295538	0.500884	280.9381	69.13672	0.78726	100	1.6
2147.925	1503.425	332.4438	23.30843	0.293616	1.714456	486.4935	1401.261	0.301991	0.51721	249.503	60.92564	0.690528	100	1.1
2148.077	1503.577	332.4484	23.35662	0.299635	1.665491	485.7169	1394.064	0.307796	0.536126	215.3879	53.36415	0.603623	100	0.8
2148.23	1503.73	332.453	23.45422	0.293639	1.753567	484.7137	1392.184	0.302055	0.534519	225.5276	55.49277	0.625177	100	0.9
2148.382	1503.882	332.4576	23.29955	0.289783	1.756152	483.8239	1394.682	0.298376	0.530898	235.6023	57.70306	0.654265	100	1.1
2148.535	1504.035	332.4623	23.3271	0.269934	2.151452	482.8207	1391.03	0.279397	0.490451	317.6093	81.32995	0.921112	100	2.3
2148.687	1504.187	332.4669	23.33209	0.280016	1.9331	481.7041	1394.257	0.289058	0.50812	279.8949	68.8389	0.77949	100	1.7
2148.839	1504.339	332.4715	23.32813	0.276559	1.923407	479.4546	1399.256	0.285771	0.497978	298.4261	74.47512	0.843458	100	1.9
2148.992	1504.492	332.4761	23.33281	0.290872	1.595363	477.828	1398.314	0.299505	0.527539	238.6798	58.39849	0.661263	100	1
2149.144	1504.644	332.4807	23.43712	0.277482	1.739066	478.4678	1386.114	0.286696	0.506464	285.4398	70.44626	0.794251	100	1.7
2149.297	1504.797	332.4853	23.45706	0.280287	1.733516	481.374	1377.355	0.289402	0.514543	270.5567	66.25921	0.746436	100	1.5
2149.449	1504.949	332.49	23.48855	0.277947	1.75066	484.3369	1374.015	0.287183	0.510154	279.6744	68.7762	0.773792	100	1.6
2149.601	1505.101	332.4946	23.55788	0.294809	1.457458	486.5065	1388.082	0.303369	0.534633	223.5571	55.07182	0.617846	100	0.8
2149.754	1505.254	332.4992	23.48896	0.299087	1.439928	487.7696	1406.944	0.307501	0.525737	230.1313	56.4905	0.63557	100	0.8
2149.906	1505.406	332.5038	23.42505	0.301338	1.372127	487.163	1424.242	0.309687	0.521828	232.5089	57.01379	0.643159	100	0.8
2150.059	1505.559	332.5084	23.27425	0.287112	1.608001	486.2733	1429.346	0.296046	0.494232	289.4166	71.63811	0.813215	100	1.6
2150.211	1505.711	332.513	23.21941	0.287212	1.661432	485.4966	1427.361	0.296163	0.497899	284.1938	70.07974	0.797355	100	1.6
2150.364	1505.864	332.5177	23.1499	0.288357	1.581357	485.8532	1420.791	0.297282	0.504828	273.089	66.94411	0.763904	100	1.4
2150.516	1506.016	332.5223	23.2053	0.29681	1.417924	486.7763	1423.601	0.305418	0.523935	235.4923	57.67838	0.656655	100	0.9
2150.668	1506.168	332.5269	23.25413	0.293629	1.405858	487.5295	1432.456	0.302383	0.51667	249.7064	60.97441	0.692773	100	1
2150.821	1506.321	332.5315	23.17422	0.29886	1.285584	486.4697	1441.52	0.307431	0.527818	227.3569	55.88682	0.637099	100	0.8

2150.973	1506.473	332.5361	23.09145	0.289325	1.434116	484.6733	1435.053	0.298295	0.510675	263.6222	64.43468	0.737105	100	1.2
2151.125	1506.625	332.5407	23.04996	0.286378	1.451592	482.197	1420.769	0.29549	0.508109	271.0343	66.38759	0.76078	100	1.4
2151.278	1506.778	332.5454	23.04347	0.279743	1.614939	477.7944	1389.807	0.289155	0.499405	291.7872	72.36533	0.829518	100	1.7
2151.43	1506.93	332.55	22.99432	0.273817	1.7264	470.6721	1351.027	0.283508	0.492715	308.8123	78.02664	0.896279	100	2.1
2151.583	1507.083	332.5546	22.95211	0.275725	1.675112	462.8701	1304.951	0.285354	0.502425	292.8659	72.70063	0.8366	100	1.8
2151.735	1507.235	332.5592	22.91269	0.268948	1.628334	457.0509	1262.313	0.278899	0.495447	311.4021	78.96788	0.910248	100	2.1
2151.887	1507.387	332.5638	22.83933	0.254369	1.800333	456.2742	1235.729	0.265029	0.474084	360.0235	104.2702	1.205665	100	3.6
2152.04	1507.54	332.5685	22.81443	0.257534	1.58562	460.0868	1240.205	0.268062	0.483026	343.4988	93.43842	1.081576	100	2.9
2152.192	1507.692	332.5731	22.81721	0.26569	1.438462	465.8824	1261.36	0.275854	0.495133	316.0377	80.7168	0.934219	100	2.2
2152.345	1507.845	332.5777	22.74603	0.259286	1.615475	471.4516	1289.812	0.269772	0.478182	347.8242	95.96478	1.114089	100	3.1
2152.497	1507.997	332.5823	22.75292	0.250461	1.863116	474.6977	1305.964	0.261398	0.454709	391.7722	140.1819	1.626959	100	5.3
2152.649	1508.149	332.5869	22.60947	0.243815	2.086902	476.4142	1316.175	0.255111	0.436415	425.6943	230.1128	2.687208	100	9.9
2152.802	1508.302	332.5916	22.54639	0.256294	1.867757	476.0909	1325.655	0.266986	0.462236	373.6732	116.4336	1.363402	100	4.2
2152.954	1508.454	332.5962	22.55583	0.265192	1.731246	473.5013	1327.11	0.275485	0.47885	339.0178	91.00605	1.06523	100	2.8
2153.107	1508.607	332.6008	22.54744	0.281632	1.462793	470.1185	1316.161	0.291217	0.509083	275.5866	67.63002	0.791908	100	1.5
2153.259	1508.759	332.6054	22.46889	0.284402	1.396922	466.339	1286.137	0.293892	0.514093	264.9819	64.78679	0.761204	100	1.4
2153.411	1508.911	332.61	22.40283	0.27197	1.549179	465.7323	1243.813	0.282018	0.49225	311.5097	79.00754	0.930964	100	2.2
2153.564	1509.064	332.6146	22.36519	0.257824	1.768468	466.7688	1212.537	0.268548	0.465997	366.3285	109.4334	1.291606	100	3.8
2153.716	1509.216	332.6192	22.32796	0.249208	1.937604	466.9554	1199.92	0.260377	0.450004	399.6741	154.7577	1.82954	100	6.2
2153.869	1509.369	332.6239	22.38141	0.251111	1.862495	462.5528	1210.337	0.262206	0.455973	388.9128	135.6454	1.599881	100	5.2
2154.021	1509.521	332.6285	22.38708	0.241524	1.990197	455.5438	1227.844	0.253128	0.43672	428.0096	237.0689	2.795469	100	10.5
2154.173	1509.673	332.6331	22.39877	0.244562	1.72068	448.4216	1244.413	0.25603	0.446142	411.0022	182.404	2.149801	100	7.6
2154.326	1509.826	332.6377	22.47503	0.229425	1.92194	445.3787	1249.516	0.241722	0.418354	469.0951	347.9209	4.087066	100	16.7
2154.478	1509.978	332.6423	22.4662	0.240611	1.658363	448.4547	1246.905	0.252326	0.443599	419.6236	210.7682	2.476891	100	9.1
2154.631	1510.131	332.647	22.46828	0.244292	1.828782	456.6865	1240.125	0.255837	0.444294	413.8199	190.862	2.24278	100	8
2154.783	1510.283	332.6516	22.44503	0.254772	1.615936	466.8448	1245.956	0.265813	0.461963	375.6702	118.5541	1.394525	100	4.2
2154.936	1510.436	332.6562	22.35416	0.255026	1.644851	475.3602	1269.405	0.266075	0.462657	374.3496	117.1405	1.383366	100	4.2
2155.088	1510.588	332.6608	22.41804	0.263905	1.488897	481.2126	1308.488	0.274552	0.478025	341.4437	92.30101	1.087011	100	2.8
2155.24	1510.74	332.6654	22.40965	0.287896	1.235641	485.5352	1348.3	0.297514	0.517751	254.9336	62.24494	0.733321	100	1.2
2155.393	1510.893	332.6701	22.47672	0.30106	1.141548	488.9514	1379.566	0.310179	0.537722	209.897	52.24901	0.613775	100	0.6
2155.545	1511.045	332.6747	22.68649	0.294933	1.273531	490.7244	1400.512	0.30431	0.524031	236.8885	57.9925	0.675121	100	0.9
2155.698	1511.198	332.6793	22.78419	0.277823	1.641541	491.251	1407.596	0.28793	0.49001	306.4439	77.18662	0.894832	100	2
2155.85	1511.35	332.6839	22.88969	0.270527	1.838616	490.9276	1403.839	0.280976	0.481402	327.9192	85.64658	0.988471	100	2.5
2156.002	1511.502	332.6885	22.99594	0.251655	2.178751	490.7175	1389.553	0.263018	0.44527	402.5634	160.9598	1.849362	100	6.3
2156.155	1511.655	332.6931	23.02232	0.256189	2.090962	490.6209	1378.604	0.26735	0.453924	384.6419	129.4847	1.486086	100	4.7
2156.307	1511.807	332.6978	23.05578	0.262053	2.00382	490.9209	1367.549	0.272955	0.46325	364.0371	107.4758	1.231766	100	3.6
2156.459	1511.959	332.7024	23.15087	0.271495	1.843874	491.844	1363.062	0.281985	0.475549	334.6032	88.77061	1.013342	100	2.6
2156.612	1512.112	332.707	23.19234	0.258993	2.162559	493.3337	1360.243	0.270082	0.439129	401.2884	158.159	1.802316	100	5.9
2156.764	1512.264	332.7116	23.26413	0.25912	2.17465	494.3134	1361.592	0.270224	0.430713	412.7064	187.4325	2.129533	100	7.2
2156.917	1512.417	332.7162	23.3356	0.273122	1.876199	492.7437	1366.277	0.283603	0.459219	354.9059	100.5477	1.139	100	3
2157.069	1512.569	332.7208	23.42881	0.287531	1.609866	489.4175	1373.255	0.297417	0.495589	285.6516	70.50889	0.79565	100	1.5
2157.221	1512.721	332.7254	23.50352	0.278102	1.767328	484.1652	1373.98	0.288407	0.481802	317.1114	81.13454	0.912742	100	2.1
2157.374	1512.874	332.7301	23.58718	0.256889	2.143626	478.9125	1365.115	0.268185	0.447493	392.3648	141.1671	1.582652	100	5.1
2157.526	1513.026	332.7347	23.55387	0.242673	2.56045	474.5663	1354.999	0.254702	0.424979	442.0405	277.5063	3.115471	100	11.9
2157.679	1513.179	332.7393	23.50251	0.235663	2.629818	472.7133	1343.007	0.248082	0.409083	473.112	357.6089	4.023297	100	16.2
2157.831	1513.331	332.7439	23.38173	0.241729	2.327185	471.7666	1336.226	0.253848	0.423971	444.6099	284.6056	3.21803	100	12.3
2157.983	1513.483	332.7485	23.55457	0.235393	2.278885	470.8201	1330.07	0.24787	0.408938	473.6063	358.7884	4.028004	100	16.1
2158.136	1513.636	332.7532	23.56157	0.25055	1.813993	469.1935	1319.329	0.262261	0.445595	403.1583	162.3027	1.821615	100	6.1
2158.288	1513.788	332.7578	23.58136	0.245753	1.851739	468.5869	1310.36	0.257728	0.441015	415.7345	197.0389	2.209704	100	7.8
2158.441	1513.941	332.7624	23.56265	0.253627	1.750218	471.0398	1305.142	0.265229	0.461273	377.4272	120.5064	1.352479	100	4.1
2158.593	1514.093	332.767	23.64765	0.257042	1.806856	476.3821	1322.23	0.268498	0.464365	368.648	111.5186	1.247261	100	3.7
2158.745	1514.245	332.7716	23.75389	0.270395	1.590277	483.0277	1359.645	0.28125	0.487022	319.786	82.19728	0.915351	100	2.1
2158.898	1514.398	332.7763	23.7965	0.287479	1.415434	488.0868	1402.792	0.29762	0.513513	260.6362	63.67061	0.707816	100	1.2
2159.05	1514.55	332.7809	23.80383	0.301878	1.378425	490.5964	1434.266	0.31147	0.536553	209.7284	52.21516	0.5803	100	0.6
2159.203	1514.703	332.7855	23.73338	0.287608	1.714254	492.1429	1454.483	0.297786	0.509436	266.0341	65.06109	0.72515	100	1.3
2159.355	1514.855	332.7901	23.73711	0.285244	1.935428	493.8592	1459.793	0.29554	0.507158	272.2777	66.72354	0.743573	100	1.5
2159.507	1515.007	332.7947	23.75053	0.288084	1.953074	494.5557	1449.782	0.298284	0.518401	252.9748	61.7649	0.687944	100	1.3
2159.66	1515.16	332.7993	23.65942	0.293985	1.909189	491.5695	1417.463	0.303968	0.536262	220.4827	54.42216	0.608426	100	0.9
2159.812	1515.312	332.804	23.57854	0.286413	1.916441	483.5407	1367.529	0.296724	0.531778	236.6678	57.94272	0.649943	100	1.1
2159.965	1515.465	332.8086	23.65536	0.258611	2.399556	473.3591	1322.181	0.270181	0.488933	332.4221	87.71891	0.980857	100	2.8
2160.117	1515.617	332.8132	23.70718	0.216546	3.526059	465.6134	1298.722	0.23038	0.416647	487.1032	389.9551	4.351224	100	19.4
2160.27	1515.77	332.8178	23.79879	0.204781	2.104043	464.61	1296.631	0.219351	0.404107	519.628	457.6501	5.087607	100	23.8
2160.422	1515.922	332.8224	23.80458	0.211786	3.140078	468.536	1315.282	0.225946	0.42331	484.026	383.0212	4.257012	100	19.3
2160.574	1516.074	332.827	23.88244	0.241195	1.921251	474.9547	1337.687	0.25372	0.480011	367.4509	110.429	1.223482	100	3.9
2160.727	1516.227	332.8317	23.88854	0.261429	1.855544	478.8808	1360.196	0.27297	0.503914	307.8999	77.70077	0.86067	100	2.1
2160.879	1516.379	332.8363	23.78135	0.267494	2.069645	480.5406	1376.243	0.278774	0.502211	302.2406	75.74097	0.842629	100	2.1
2161.031	1516.531	332.8409	23.67507	0.269988	2.342492	482.8235	1387.181	0.281176	0.497823	304.9818	76.6774	0.856762	100	2.2
2161.184	1516.684	332.8455	23.50096	0.271819	2.349481	485.6163	1397.912	0.282945	0.492475	309.9194	78.42604	0.882598	100	2.2
2161.336	1516.836	332.8501	23.42985	0.26545	2.511669	488.9189	1406.87	0.276887	0.473318	344.7165	94.13089	1.062465	100	3
2161.489	1516.989	332.8548	23.52033	0.273454	2.202275	489.6155	1404.364	0.28455	0.484178	319.1555	81.94381	0.921469	100	2.3
2161.641	1517.141	332.8594	23.53986	0.266652	2.406499	488.0458	1387.576	0.278075	0.46435	355.4534	100.9281	1.134049	100	3.3
2161.793	1517.293	332.864	23.4845	0.257272	2.757416	484.323	1366.828	0.269158	0.439822	401.6072	158.8496	1.788962	100	6.1
2161.946	1517.446	332.8686	23.56224	0.24754	2.941985	480.9402	1349.309	0.259927	0.426419	432.8417	251.3223	2.821367	100	10.6
2162.098	1517.598	332.8732	23.61852	0.255561	2.401691	479.4269	1343.779	0.267572	0.45435	383.7485	128.2811	1.436786	100	4.6
2162.25	1517.75	332.8778	23.63415	0.261771	2.097642	479.6701	1345.961	0.273505	0.479403	340.986	92.05281	1.030368	100	2.9
2162.403	1517.903	332.8825	23.63546	0.270918	1.865918	481.3863	1357.734	0.282253	0.505032	293.5466	72.91363	0.816103	100	1.9
2162.555	1518.055	332.8871	23.69065	0.280657	1.691979	484.5191	1368.36	0.291587	0.514741	267.2667	65.38453	0.730188	100	1.4
2162.708	1518.208	332.8917	23.67238	0.291683	1.498492	487.3686	1384.093	0.302177	0.526752	236.0773	57.80975	0.646085	100	0.9
2162.86	1518.36	332.8963	23.78434	0.313645	1.246883	489.9349	1396.491	0.32333	0.558423	163.1816	43.69962	0.486169	100	0.2
2163.013	1518.513	332.9009	23.91488	0.324807	1.213705	490.9712	1410.765	0.334129	0.570722	131.3063	38.70138	0.428292	96.1	0

2163.165	1518.665	332.9055	24.03515	0.318613	1.363577	491.4977	1416.283	0.328166	0.5601	154.1939	42.22752	0.465057	100	0.1
2163.317	1518.817	332.9102	23.87091	0.303152	1.653772	492.2509	1415.339	0.313284	0.530393	215.7256	53.43357	0.592393	100	0.7
2163.47	1518.97	332.9148	23.84555	0.289427	1.838236	493.7406	1405.536	0.300118	0.499248	276.8751	67.98808	0.754535	100	1.5
2163.622	1519.122	332.9194	23.87451	0.281785	1.838506	495.4003	1386.559	0.292813	0.47942	314.3178	80.05784	0.887451	100	2
2163.775	1519.275	332.924	23.9603	0.284537	1.694668	495.077	1366.33	0.295471	0.479347	310.751	78.72894	0.869706	100	1.9
2163.927	1519.427	332.9286	23.96163	0.294703	1.474421	492.7705	1351.627	0.305245	0.49692	273.0123	66.9232	0.739258	100	1.2
2164.079	1519.579	332.9332	23.96296	0.291843	1.445829	490.9742	1349.119	0.30252	0.49493	279.5197	68.73228	0.759208	100	1.3
2164.232	1519.732	332.9379	23.99529	0.305389	1.201227	490.5941	1354.845	0.315563	0.52708	217.1532	53.72815	0.592707	100	0.6
2164.384	1519.884	332.9425	24.03606	0.295482	1.232045	489.8175	1356.09	0.306056	0.503607	262.6651	64.1884	0.706946	100	1
2164.537	1520.037	332.9471	24.1382	0.301971	1.068982	486.1513	1348.787	0.312315	0.515043	238.246	58.29985	0.639472	100	0.7
2164.689	1520.189	332.9517	24.20889	0.28588	1.222149	478.7458	1336.898	0.296883	0.479486	308.61	77.95412	0.852649	100	1.6
2164.841	1520.341	332.9563	24.26969	0.272833	1.51215	472.1901	1327.823	0.284418	0.448917	367.9978	110.9232	1.210335	100	3.2
2164.994	1520.494	332.961	24.36585	0.283672	1.409882	472.7164	1336.676	0.294809	0.475601	316.8345	81.02631	0.880756	100	1.8
2165.146	1520.646	332.9656	24.45214	0.287539	1.479105	478.2853	1363.249	0.298537	0.485406	298.1591	74.38804	0.805851	100	1.5
2165.299	1520.799	332.9702	24.4535	0.300968	1.381427	484.081	1388.155	0.311455	0.514104	240.7294	58.86715	0.637684	100	0.8
2165.451	1520.951	332.9748	24.50462	0.29497	1.542978	487.0438	1396.071	0.305711	0.501659	265.8291	65.00753	0.70279	100	1.1
2165.604	1521.104	332.9795	24.50598	0.299933	1.438002	485.8707	1384.078	0.310501	0.523452	229.1443	56.27489	0.608356	100	0.7
2165.756	1521.256	332.9841	24.41335	0.282258	1.810479	485.2073	1380.839	0.29356	0.497198	288.7534	71.43694	0.775099	100	1.6
2165.908	1521.408	332.9887	24.39078	0.282853	1.864359	486.0737	1390.526	0.294151	0.499139	285.2595	70.39305	0.764462	100	1.6
2166.061	1521.561	332.9933	24.23271	0.278827	2.087676	488.3566	1403.654	0.290317	0.491203	301.5028	75.49285	0.825017	100	1.9
2166.213	1521.713	332.9979	24.21771	0.284158	2.152211	490.6394	1411.882	0.295443	0.499282	283.2803	69.81305	0.76341	100	1.6
2166.365	1521.865	333.0025	24.05054	0.298173	1.913232	491.7325	1412.187	0.308914	0.525198	228.925	56.22711	0.618983	100	0.9
2166.518	1522.018	333.0071	23.98285	0.305512	1.732915	491.6359	1411.974	0.315995	0.539607	199.2697	50.16124	0.553719	100	0.6
2166.67	1522.17	333.0118	23.8273	0.304238	1.660652	491.1992	1404.67	0.31479	0.536657	205.0038	51.27643	0.56961	100	0.7
2166.823	1522.323	333.0164	23.70371	0.288703	1.965042	491.3857	1397.158	0.299884	0.502635	272.5243	66.79047	0.745701	100	1.5
2166.975	1522.475	333.021	23.67155	0.290958	1.892529	492.6487	1399.548	0.302068	0.505152	266.0368	65.06181	0.727364	100	1.4
2167.127	1522.627	333.0256	23.65425	0.285165	2.06857	494.705	1411.946	0.296533	0.489543	295.2151	73.44066	0.821626	100	1.8
2167.28	1522.78	333.0302	23.54682	0.290968	2.006601	496.6479	1431.431	0.302119	0.498964	274.5049	67.33166	0.756619	100	1.5
2167.432	1522.932	333.0348	23.45528	0.295599	2.07566	497.8542	1441.118	0.306587	0.513181	248.7211	60.73861	0.68512	100	1.2
2167.585	1523.085	333.0395	23.43252	0.284202	2.414528	498.834	1445.281	0.295673	0.493544	290.8803	72.08557	0.813886	100	1.9
2167.737	1523.237	333.0441	23.40344	0.268709	3.012504	500.8903	1445.378	0.280876	0.465948	349.383	96.92305	1.095645	100	3.2
2167.889	1523.389	333.0487	23.29913	0.269449	3.060525	502.2101	1443.183	0.281604	0.473643	337.759	90.35326	1.025824	100	3
2168.042	1523.542	333.0533	23.25326	0.279517	2.757787	499.847	1432.961	0.291249	0.495436	294.3754	73.17455	0.832385	100	2.1
2168.194	1523.694	333.0579	23.25458	0.282079	2.595673	493.0082	1410.128	0.293723	0.501117	283.1207	69.7666	0.793583	100	1.9
2168.347	1523.847	333.0626	23.25591	0.262008	3.03744	481.3533	1374.681	0.27457	0.47189	349.8856	97.23777	1.106013	100	3.4
2168.499	1523.999	333.0672	23.25723	0.220443	2.374032	475.4206	1343.298	0.235201	0.392986	513.1013	444.833	5.059442	100	22
2168.651	1524.151	333.0718	23.40431	0.187266	2.368733	472.8875	1318.796	0.204133	0.35906	602.793	594.9259	6.725374	100	35
2168.804	1524.304	333.0764	23.4315	0.166725	2.368704	471.7141	1310.971	0.185087	0.356015	633.2806	636.1004	7.182813	100	42.3
2168.956	1524.456	333.081	23.38586	0.184116	2.358087	471.9574	1320.344	0.201241	0.41262	532.8725	482.5941	5.459799	100	28.7
2169.109	1524.609	333.0857	23.34724	0.199946	3.657215	473.617	1336.077	0.216037	0.454456	454.7195	311.6722	3.531779	100	17
2169.261	1524.761	333.0903	23.34857	0.211815	3.162063	476.6931	1346.285	0.227189	0.461288	429.9023	242.6938	2.750012	100	12.2
2169.413	1524.913	333.0949	23.3499	0.231199	2.564576	480.5057	1352.845	0.245475	0.479533	379.4897	122.9084	1.392636	100	5.1
2169.566	1525.066	333.0995	23.32016	0.247151	2.216772	483.4117	1350.441	0.260605	0.480898	356.7253	101.8278	1.155219	100	3.6
2169.718	1525.218	333.1041	23.28757	0.276595	1.701621	483.6551	1350.33	0.288683	0.505664	283.8011	69.9649	0.794825	100	1.7
2169.871	1525.371	333.1087	23.1839	0.270211	1.860166	481.122	1352.72	0.282604	0.487658	317.0394	81.10636	0.925405	100	2.3
2170.023	1525.523	333.1133	23.11216	0.261808	2.026415	477.5126	1350.732	0.274608	0.465911	358.0834	102.8138	1.176631	100	3.4
2170.175	1525.675	333.118	23.07705	0.264715	1.879055	474.8096	1355.832	0.2774	0.473319	344.0085	93.72651	1.074229	100	2.9
2170.328	1525.828	333.1226	23.03609	0.264128	1.788519	474.7693	1370.73	0.276862	0.473437	344.5871	94.05661	1.079886	100	2.9
2170.48	1525.98	333.1272	23.14672	0.249967	2.172493	476.9954	1390.215	0.263404	0.437114	413.2852	189.2005	2.162191	100	7.6
2170.633	1526.133	333.1318	23.25772	0.266861	1.809158	480.2982	1405.114	0.27951	0.469072	346.9567	95.44287	1.085681	100	2.9
2170.785	1526.285	333.1364	23.36929	0.28642	1.514434	483.7708	1408.442	0.298237	0.502565	274.8927	67.43839	0.763578	100	1.4
2170.938	1526.438	333.1411	23.33651	0.31021	1.213702	485.3739	1401.66	0.321127	0.543634	186.6297	47.79229	0.541876	100	0.4
2171.09	1526.59	333.1457	23.36673	0.309635	1.21628	486.0137	1398.109	0.320594	0.540013	192.3628	48.85191	0.553201	100	0.4
2171.242	1526.742	333.1503	23.28524	0.302112	1.299775	486.0302	1393.202	0.313371	0.52239	226.6505	55.73428	0.633287	100	0.7
2171.395	1526.895	333.1549	23.55438	0.303482	1.27371	486.0468	1386.941	0.31471	0.531812	211.8003	52.63266	0.591421	100	0.6
2171.547	1527.047	333.1595	23.69536	0.29235	1.412064	486.2899	1376.615	0.30403	0.516299	247.946	60.55392	0.676513	100	1
2171.699	1527.199	333.1641	23.73701	0.299313	1.325732	486.7599	1373.271	0.310741	0.533009	215.6253	53.41294	0.595725	100	0.7
2171.852	1527.352	333.1688	23.9798	0.290431	1.436803	487.4562	1373.785	0.302231	0.517304	249.0417	60.8152	0.671642	100	1
2172.004	1527.504	333.1734	24.20806	0.294436	1.375196	486.453	1376.174	0.306096	0.524328	234.0156	57.3483	0.627585	100	0.8
2172.157	1527.657	333.178	24.23317	0.280309	1.587793	483.2967	1365.64	0.292571	0.493758	294.8658	73.32976	0.80168	100	1.6
2172.309	1527.809	333.1826	24.31214	0.269973	1.733531	477.8742	1346.141	0.28271	0.46549	347.484	95.75917	1.043615	100	2.7
2172.461	1527.961	333.1872	24.41812	0.275052	1.569171	474.038	1323.411	0.287584	0.470021	334.5059	88.72299	0.962888	100	2.3
2172.614	1528.114	333.1919	24.51232	0.278631	1.420314	472.5813	1304.431	0.291028	0.474647	323.3685	83.67391	0.904732	100	2
2172.766	1528.266	333.1965	24.5808	0.273272	1.426135	472.7679	1299.108	0.285924	0.459326	351.5553	98.30429	1.060077	100	2.6
2172.919	1528.419	333.2011	24.58867	0.267889	1.370947	472.9543	1305.041	0.280804	0.465679	349.8539	97.21781	1.048047	100	2.6
2173.071	1528.571	333.2057	24.57217	0.251216	1.600191	473.2542	1321.085	0.264946	0.449207	394.4698	144.8	1.562029	100	5
2173.223	1528.723	333.2103	24.63629	0.249187	1.682118	475.3104	1336.088	0.26304	0.448463	398.1268	151.6423	1.631749	100	5.4
2173.376	1528.876	333.2149	24.83832	0.249531	1.793915	478.5564	1343.481	0.263387	0.4505	394.8361	145.454	1.552898	100	5.1
2173.528	1529.028	333.2195	24.95428	0.260464	1.618132	480.4994	1345.871	0.273807	0.470279	353.1615	99.36191	1.056069	100	2.8
2173.681	1529.181	333.2242	24.90765	0.263364	1.673084	480.3459	1345.968	0.276592	0.47222	346.6404	95.25454	1.01425	100	2.7
2173.833	1529.333	333.2288	24.78538	0.258147	1.797724	479.3427	1343.771	0.271642	0.467735	359.6588	103.992	1.112559	100	3.2
2173.985	1529.485	333.2334	24.66401	0.239327	2.094109	480.3224	1338.552	0.253792	0.435919	428.1991	237.6345	2.55442	100	9.6
2174.138	1529.638	333.238	24.64734	0.222669	2.246574	484.1349	1328.746	0.238071	0.43412	452.3763	305.5187	3.286308	100	13.8
2174.29	1529.79	333.2426	24.65387	0.208106	2.604008	486.0778	1323.004	0.224394	0.437787	466.1901	340.7977	3.664884	100	16.7
2174.443	1529.943	333.2473	24.63311	0.22394	2.180074	484.0549	1324.769	0.239311	0.468691	402.9578	161.8475	1.741914	100	6.7
2174.595	1530.095	333.2519	24.55834	0.235315	2.046444	482.3149	1330.807	0.250076	0.486552	363.4541	106.9931	1.154927	100	3.8
2174.747	1530.247	333.2565	24.48009	0.248435	1.874677	480.7451	1340.597	0.262534	0.488013	344.245	93.86106	1.01631	100	3
2174.9	1530.4	333.2611	24.40592	0.264226	1.731347	480.9316	1346.739	0.277581	0.487365	324.3753	84.10062	0.913307	100	2.3
2175.052	1530.552	333.2657	24.39742	0.262006	1.840869	482.5345	1352.256	0.275485	0.478469	339.5433	91.28236	0.991642	100	2.6
2175.205	1530.705	333.2704	24.38667	0.263639	1.839865	484.4774	1361.942	0.277062	0.483767	330.056	86.61407	0.941338	100	2.4

2175.357	1530.857	333.275	24.4036	0.266833	1.787299	486.0804	1373.921	0.28013	0.48801	319.968	82.2708	0.893544	100	2.2
2175.51	1531.01	333.2796	24.55314	0.282709	1.55321	487.0601	1384.65	0.295328	0.516707	259.3913	63.3557	0.684067	100	1.2
2175.662	1531.162	333.2842	24.71337	0.290792	1.473132	488.0965	1385.788	0.303099	0.522389	240.8278	58.88976	0.631876	100	0.9
2175.814	1531.314	333.2888	24.71661	0.294222	1.413478	488.4529	1378.796	0.306412	0.516753	244.0317	59.63181	0.639763	100	0.9
2175.967	1531.467	333.2935	24.55416	0.271839	1.714075	488.6394	1375.974	0.284992	0.485129	317.2332	81.18221	0.876535	100	2
2176.119	1531.619	333.2981	24.39802	0.249827	2.162034	488.8826	1378.885	0.264043	0.461464	378.7997	122.0911	1.32639	100	4.3
2176.271	1531.771	333.3027	24.3799	0.250028	2.185797	490.0322	1390.134	0.264254	0.472037	363.9186	107.3772	1.167389	100	3.6
2176.424	1531.924	333.3073	24.38229	0.245788	2.445069	491.6352	1400.445	0.26025	0.470429	371.6628	114.3982	1.243614	100	4.1
2176.576	1532.076	333.3119	24.43557	0.262828	2.018261	492.5016	1410.548	0.276477	0.492414	318.9314	81.85416	0.887965	100	2.3
2176.729	1532.229	333.3165	24.26762	0.28502	1.623161	492.6315	1413.459	0.297709	0.519769	251.8808	61.49884	0.671615	100	1.1
2176.881	1532.381	333.3211	24.11447	0.296612	1.472291	490.9483	1407.405	0.308853	0.540219	208.2806	51.92556	0.570554	100	0.7
2177.033	1532.533	333.3257	24.18826	0.27737	1.810982	488.7553	1393.951	0.290425	0.504087	283.5729	69.89828	0.765779	100	1.6
2177.186	1532.686	333.3304	24.08207	0.277228	1.857788	485.2589	1380.288	0.29031	0.505549	281.7146	69.35976	0.763127	100	1.6
2177.338	1532.838	333.335	23.9745	0.273742	1.863886	486.5219	1374.338	0.286998	0.500201	293.6646	72.95067	0.806128	100	1.8
2177.491	1532.991	333.3396	24.04146	0.277311	1.773955	486.0853	1370.681	0.290431	0.505979	280.9545	69.14142	0.761983	100	1.6
2177.643	1533.143	333.3442	23.95133	0.260252	2.132378	486.8382	1366.608	0.274168	0.468408	355.2451	100.7829	1.114747	100	3.2
2177.795	1533.295	333.3488	23.83818	0.263153	2.017336	486.6282	1358.782	0.276953	0.473514	344.355	93.9238	1.043664	100	2.9
2177.948	1533.448	333.3535	23.75782	0.267252	1.836461	486.7579	1360.963	0.280883	0.481497	327.9156	85.64498	0.954799	100	2.4
2178.1	1533.6	333.3581	23.68369	0.273137	1.700632	486.7746	1375.964	0.286523	0.496289	299.719	74.89953	0.837546	100	1.9
2178.253	1533.753	333.3627	23.76589	0.27225	1.749373	486.7911	1394.093	0.285697	0.498038	298.445	74.48129	0.830086	100	1.9
2178.405	1533.905	333.3673	23.84644	0.276077	1.728763	486.8075	1404.821	0.289376	0.505254	283.4106	69.85098	0.775942	100	1.6
2178.557	1534.057	333.3719	23.81134	0.288708	1.531865	486.8242	1395.328	0.301494	0.528389	234.7612	57.51469	0.639822	100	1
2178.71	1534.21	333.3766	23.63811	0.293863	1.466935	486.9539	1384.687	0.306463	0.536852	216.2267	53.53677	0.599805	100	0.8
2178.862	1534.362	333.3812	23.53892	0.284923	1.584785	487.4804	1382.073	0.297907	0.517982	254.0741	62.03371	0.697848	100	1.2
2179.015	1534.515	333.3858	23.59671	0.276205	1.745491	488.63	1389.986	0.289581	0.498825	292.0003	72.43134	0.812889	100	1.8
2179.167	1534.667	333.3904	23.62053	0.282907	1.666865	490.3463	1396.336	0.296016	0.510644	266.8095	65.2643	0.731745	100	1.4
2179.319	1534.819	333.395	23.61888	0.280611	1.698418	490.3629	1395.39	0.293839	0.505584	276.797	67.96629	0.762099	100	1.5
2179.472	1534.972	333.3997	23.61163	0.291319	1.539052	488.7363	1389.752	0.304123	0.527185	232.7947	57.07707	0.640197	100	0.9
2179.624	1535.124	333.4043	23.6006	0.287954	1.52879	483.9937	1382.239	0.300916	0.522221	244.0704	59.64082	0.669262	100	1.1
2179.777	1535.277	333.4089	23.58365	0.303465	1.337217	482.8769	1383.064	0.315838	0.554563	178.8466	46.39183	0.520956	100	0.4
2179.929	1535.429	333.4135	23.60492	0.297777	1.426226	483.9133	1391.602	0.310389	0.544804	199.8344	50.26991	0.564018	100	0.6
2180.082	1535.582	333.4181	23.76826	0.297308	1.456197	487.3859	1397.745	0.309959	0.544635	200.6606	50.42936	0.562043	100	0.6
2180.234	1535.734	333.4227	23.80238	0.268715	1.893087	488.5355	1397.006	0.282592	0.487884	316.7431	80.99069	0.901409	100	2.2
2180.386	1535.886	333.4273	23.85272	0.241933	2.672244	486.9091	1388.658	0.257134	0.428928	433.2339	252.4638	2.804152	100	10.7
2180.539	1536.039	333.432	24.02793	0.253139	2.267346	482.1097	1374.058	0.267793	0.451392	387.5244	133.5656	1.473073	100	4.8
2180.691	1536.191	333.4366	24.08765	0.260187	2.238147	476.3471	1358.101	0.274521	0.463211	361.9298	105.759	1.163612	100	3.4
2180.844	1536.344	333.4412	23.98029	0.260276	2.20142	470.2448	1346.314	0.274627	0.463714	361.0898	105.0957	1.161335	100	3.4
2180.996	1536.496	333.4458	23.86992	0.26689	1.830269	468.5046	1333.797	0.280954	0.479944	329.9616	86.57074	0.960921	100	2.4
2181.148	1536.648	333.4504	23.75989	0.270294	1.579466	466.9347	1327.22	0.284224	0.492242	308.4771	77.90657	0.868638	100	2
2181.301	1536.801	333.4551	23.81014	0.258001	1.802661	466.6113	1318.978	0.272523	0.473756	350.135	97.395	1.08372	100	3
2181.453	1536.953	333.4597	23.85532	0.26304	1.672986	466.7977	1315.841	0.277344	0.487781	324.1275	83.99508	0.932913	100	2.3
2181.605	1537.105	333.4643	23.87637	0.265983	1.632735	469.1939	1309.266	0.280171	0.495764	309.2101	78.16966	0.867478	100	2
2181.758	1537.258	333.4689	23.86155	0.255973	1.722611	472.4398	1313.947	0.270655	0.472291	354.7349	100.4297	1.115188	100	3.2
2181.91	1537.41	333.4735	24.03067	0.259587	1.643592	474.8927	1313.73	0.274116	0.473273	348.603	96.44024	1.063602	100	2.9
2182.062	1537.562	333.4781	24.0587	0.263267	1.54003	474.8526	1328.523	0.277643	0.477995	337.2187	90.07695	0.992313	100	2.5
2182.215	1537.715	333.4828	24.06814	0.270209	1.490527	472.8861	1346.859	0.284288	0.491349	309.6219	78.31828	0.862458	100	1.9
2182.367	1537.867	333.4874	24.11965	0.271005	1.526726	468.9367	1364.467	0.285068	0.491084	308.9098	78.06166	0.857864	100	1.9
2182.52	1538.02	333.492	24.12097	0.283627	1.328915	469.123	1374.464	0.297163	0.514219	260.2922	63.58338	0.698724	100	1.1
2182.672	1538.172	333.4966	24.1223	0.295287	1.180983	470.3859	1384.149	0.308369	0.534286	217.1361	53.72461	0.590359	100	0.6
2182.825	1538.325	333.5012	24.08271	0.296425	1.198587	473.1787	1399.567	0.309484	0.533158	217.1543	53.72838	0.591346	100	0.6
2182.977	1538.477	333.5059	24.11083	0.294289	1.272246	475.0649	1416.131	0.307452	0.524838	231.4399	56.77784	0.624209	100	0.8
2183.129	1538.629	333.5105	24.16135	0.292555	1.337609	476.9511	1423.419	0.305809	0.516709	244.9259	59.84091	0.65656	100	0.9
2183.282	1538.782	333.5151	24.17837	0.294775	1.353618	479.6872	1420.387	0.307961	0.519609	237.9537	58.23351	0.638496	100	0.9
2183.434	1538.934	333.5197	24.20157	0.298783	1.390536	481.0069	1407.245	0.311833	0.528071	220.9315	54.51646	0.597192	100	0.7
2183.587	1539.087	333.5243	24.07135	0.28322	1.652168	481.8166	1396.083	0.296919	0.503352	275.6264	67.64106	0.744848	100	1.4
2183.739	1539.239	333.5289	23.94915	0.280846	1.622353	482.2864	1385.025	0.294666	0.510088	269.4404	65.96055	0.729937	100	1.4
2183.891	1539.391	333.5335	23.93769	0.277807	1.606177	482.3596	1380.533	0.291778	0.516632	264.3943	64.6343	0.715599	100	1.3
2184.044	1539.544	333.5382	23.95537	0.278275	1.593918	482.7159	1378.96	0.292247	0.530081	245.1871	59.90217	0.66274	100	1.1
2184.196	1539.696	333.5428	23.88335	0.25974	1.841262	484.3188	1378.638	0.274573	0.494525	318.6446	81.73978	0.906995	100	2.3
2184.349	1539.849	333.5474	23.98203	0.272014	1.570498	484.3354	1377.692	0.286301	0.508358	283.3703	69.83924	0.771865	100	1.6
2184.501	1540.001	333.552	24.10201	0.285507	1.331833	486.6181	1378.829	0.299234	0.521423	247.4924	60.44616	0.66484	100	1
2184.653	1540.153	333.5566	24.12163	0.306654	1.084156	488.0512	1385.804	0.319573	0.547436	183.528	47.22901	0.519062	100	0.3
2184.806	1540.306	333.5613	24.13111	0.298725	1.159957	490.2206	1401.429	0.311964	0.525401	224.4359	55.25911	0.607091	100	0.6
2184.958	1540.458	333.5659	24.16435	0.302043	1.151904	490.8037	1413.719	0.315176	0.533576	208.7228	52.01382	0.570683	100	0.5
2185.111	1540.611	333.5705	24.3397	0.292548	1.310747	491.0469	1413.607	0.306072	0.516912	244.2825	59.69036	0.650351	100	0.9
2185.263	1540.763	333.5751	24.39584	0.301291	1.183656	491.0634	1395.774	0.314493	0.538129	203.3805	50.95808	0.55398	100	0.5
2185.416	1540.916	333.5798	24.22038	0.296336	1.226049	491.9298	1387.217	0.309751	0.532303	217.9662	53.8967	0.590036	100	0.6
2185.568	1541.068	333.5844	24.35713	0.281113	1.40702	492.3994	1387.937	0.29517	0.506432	273.7897	67.13546	0.730984	100	1.3
2185.72	1541.22	333.589	24.49726	0.283782	1.418428	492.6993	1399.602	0.297747	0.515182	258.1584	63.04589	0.682669	100	1.1
2185.873	1541.373	333.5936	24.39531	0.27861	1.523908	491.9792	1408.453	0.292815	0.506958	276.3138	67.83176	0.737463	100	1.4
2186.025	1541.525	333.5982	24.39665	0.269334	1.701497	491.8824	1410.216	0.28397	0.4878	314.9575	80.30153	0.872996	100	2.1
2186.177	1541.677	333.6028	24.34505	0.24783	2.150516	491.1622	1407.496	0.263517	0.438913	410.6467	181.3874	1.976007	100	6.9
2186.33	1541.83	333.6074	24.39336	0.25994	1.940419	493.8983	1409.571	0.275053	0.463104	361.344	105.2952	1.144886	100	3.3
2186.482	1541.982	333.6121	24.47974	0.257707	2.007649	493.0084	1415.607	0.272947	0.455359	374.9379	117.7646	1.276114	100	3.9
2186.635	1542.135	333.6167	24.42863	0.284961	1.560218	491.4385	1414.972	0.299001	0.513978	258.0895	63.02864	0.684374	100	1.2
2186.787	1542.287	333.6213	24.46341	0.272224	1.774171	487.1491	1402.142	0.286834	0.491943	305.288	76.78347	0.832589	100	1.9
2186.939	1542.439	333.6259	24.52917	0.271617	1.841854	482.9162	1380.556	0.286275	0.493021	304.5717	76.5358	0.827762	100	1.9
2187.092	1542.592	333.6305	24.63549	0.255718	2.01856	478.1735	1361.367	0.271138	0.460246	370.6913	113.4483	1.221883	100	3.7
2187.244	1542.744	333.6351	24.53343	0.258617	1.797246	477.9632	1349.058	0.273917	0.466982	357.5594	102.4302	1.107656	100	3.1
2187.396	1542.896	333.6397	24.58353	0.256276	1.684564	480.1892	1350.82	0.27171	0.46221	367.1911	110.1963	1.189303	100	3.4

2187.549	1543.049	333.6444	24.6912	0.268861	1.452509	481.8489	1355.292	0.283725	0.488606	314.1835	80.00691	0.859854	100	1.9
2187.701	1543.201	333.649	24.65313	0.277771	1.320937	482.3754	1362.475	0.292261	0.506275	278.0211	68.30903	0.735236	100	1.3
2187.854	1543.354	333.6536	24.77122	0.262092	1.627463	482.3351	1369.241	0.27731	0.471293	346.927	95.42516	1.022381	100	2.7
2188.006	1543.506	333.6582	24.88992	0.262395	1.673976	483.6548	1370.587	0.27762	0.466905	352.5552	98.95897	1.055374	100	2.8
2188.159	1543.659	333.6629	25.00009	0.279024	1.403638	485.5976	1367.554	0.293522	0.499151	286.1113	70.64513	0.75022	100	1.4
2188.311	1543.811	333.6675	25.12027	0.280223	1.418956	487.9371	1370.15	0.294691	0.500708	282.3497	69.54303	0.735118	100	1.3
2188.463	1543.963	333.6721	25.12512	0.274484	1.484457	486.4806	1377.125	0.289221	0.49843	293.0416	72.7555	0.768941	100	1.5
2188.616	1544.116	333.6767	25.20983	0.246853	1.992469	487.1768	1385.766	0.26292	0.46201	379.5963	123.036	1.29615	100	4.2
2188.768	1544.268	333.6813	25.31858	0.27123	1.621271	486.7968	1395.45	0.286153	0.520725	266.5081	65.18521	0.683875	100	1.3
2188.921	1544.421	333.686	25.44814	0.282226	1.50612	489.2495	1400.34	0.296691	0.544052	219.7747	54.27375	0.566615	100	0.8
2189.073	1544.573	333.6906	25.57491	0.288304	1.491315	491.589	1403.352	0.302537	0.547911	206.3829	51.54855	0.535604	100	0.6
2189.225	1544.725	333.6952	25.70695	0.285042	1.533746	493.5318	1404.073	0.29943	0.521465	247.1646	60.36845	0.624153	100	1
2189.378	1544.878	333.6998	25.79338	0.308797	1.22875	495.3047	1401.665	0.322278	0.55304	172.0619	45.20552	0.465882	100	0.2
2189.53	1545.03	333.7044	25.96791	0.30497	1.29115	496.0576	1394.464	0.318613	0.537431	198.6597	50.04414	0.512424	100	0.4
2189.683	1545.183	333.709	25.95506	0.298015	1.328776	495.6776	1381.216	0.311943	0.521342	230.0668	56.47639	0.578567	100	0.6
2189.835	1545.335	333.7137	25.90085	0.284795	1.471512	493.1445	1367.134	0.299276	0.499499	277.6899	68.21604	0.700244	100	1.2
2189.987	1545.487	333.7183	25.86679	0.289807	1.391266	491.2347	1360.974	0.304103	0.512565	252.9983	61.77062	0.634889	100	0.9
2190.14	1545.64	333.7229	25.93706	0.308723	1.142729	489.0981	1362.11	0.32231	0.54951	176.8883	46.04616	0.472043	100	0.2
2190.292	1545.792	333.7275	26.06308	0.298056	1.252234	487.1315	1366.374	0.312065	0.531503	215.8757	53.46447	0.545553	100	0.5
2190.445	1545.945	333.7321	25.90129	0.286573	1.361762	483.4086	1366.051	0.301063	0.517141	250.8788	61.25646	0.628816	100	0.9
2190.597	1546.097	333.7367	26.00613	0.287403	1.326025	481.7253	1355.722	0.301879	0.520617	244.9558	59.84793	0.611985	100	0.8
2190.75	1546.25	333.7414	26.06601	0.306838	1.077437	481.8551	1343.517	0.320577	0.552671	174.9182	45.7011	0.466298	100	0.1
2190.902	1546.402	333.746	26.03011	0.297293	1.126077	483.3447	1339.65	0.311414	0.527664	222.0728	54.75709	0.559443	100	0.5
2191.054	1546.554	333.7506	26.03351	0.300506	1.066851	485.174	1344.33	0.314524	0.528454	216.6908	53.63254	0.54789	100	0.4
2191.207	1546.707	333.7552	26.1544	0.294204	1.146727	486.6638	1355.265	0.308489	0.512845	246.5603	60.22549	0.612518	100	0.7
2191.359	1546.859	333.7598	26.25655	0.294298	1.189988	486.6802	1364.115	0.308599	0.515073	243.3318	59.46874	0.60257	100	0.7
2191.511	1547.011	333.7644	26.25696	0.289076	1.253824	485.2237	1361.708	0.303608	0.503109	266.7318	65.24389	0.661084	100	1
2191.664	1547.164	333.7691	26.16892	0.300953	1.13881	483.6538	1358.83	0.315037	0.523175	223.2676	55.01027	0.559195	100	0.5
2191.816	1547.316	333.7737	26.07944	0.303176	1.149731	481.9138	1354.599	0.317196	0.527226	214.6985	53.22272	0.54281	100	0.4
2191.969	1547.469	333.7783	26.13687	0.301665	1.192124	480.0039	1349.951	0.315763	0.529167	213.9969	53.07922	0.54021	100	0.4
2192.121	1547.621	333.7829	26.04199	0.284583	1.412131	478.0941	1343.947	0.299383	0.497734	279.9792	68.8629	0.703304	100	1.2
2192.273	1547.773	333.7875	25.94918	0.286201	1.326761	479.017	1338.36	0.300954	0.504087	269.0447	65.85513	0.6749	100	1.1
2192.426	1547.926	333.7922	26.04616	0.277309	1.403483	484.5292	1334.545	0.29246	0.483682	308.924	78.06676	0.797196	100	1.6
2192.578	1548.078	333.7968	25.97445	0.2874	1.219001	489.9281	1334.274	0.302144	0.497707	276.2058	67.80173	0.694213	100	1.1
2192.731	1548.231	333.8014	26.05777	0.282125	1.291845	492.381	1336.818	0.29711	0.485455	300.061	75.01256	0.765694	100	1.4
2192.883	1548.383	333.806	26.11194	0.277306	1.267337	491.7176	1344.208	0.292519	0.484806	307.2916	77.4851	0.789365	100	1.5
2193.035	1548.535	333.8106	26.25735	0.26489	1.416218	489.8078	1358.061	0.28068	0.464402	351.7867	98.45472	0.99767	100	2.5
2193.188	1548.688	333.8152	26.2394	0.285668	1.223679	488.691	1369.829	0.300567	0.510554	260.6538	63.6751	0.645667	100	0.9
2193.34	1548.84	333.8199	26.18104	0.301686	1.123742	486.9511	1372.425	0.315968	0.543759	193.5766	49.07939	0.498735	100	0.3
2193.493	1548.993	333.8245	26.1375	0.29796	1.179059	485.2112	1366.057	0.312406	0.536781	208.1222	51.89397	0.528184	100	0.4
2193.645	1549.145	333.8291	26.10792	0.283986	1.372066	482.5648	1359.062	0.299017	0.509568	264.1533	64.57187	0.657942	100	1
2193.797	1549.297	333.8337	26.17319	0.279819	1.477322	484.3943	1354.57	0.295046	0.502782	278.9974	68.58428	0.697159	100	1.3
2193.95	1549.45	333.8383	26.18649	0.276566	1.508222	485.8837	1350.285	0.291955	0.495804	292.8934	72.7092	0.738736	100	1.4
2194.102	1549.602	333.8429	26.19218	0.269624	1.574501	486.9766	1354.652	0.285341	0.477413	327.3988	85.41509	0.867657	100	2
2194.255	1549.755	333.8476	26.17676	0.271434	1.482415	486.5399	1357.144	0.287091	0.477916	324.2902	84.06432	0.854426	100	1.9
2194.407	1549.907	333.8522	26.11696	0.271261	1.52393	485.1965	1359.74	0.286946	0.47487	328.6945	85.99441	0.875971	100	2
2194.559	1550.059	333.8568	26.1879	0.273817	1.527177	483.8533	1360.042	0.289409	0.480168	317.9844	81.47787	0.827815	100	1.8
2194.712	1550.212	333.8614	26.15782	0.267109	1.649046	482.8499	1359.614	0.283024	0.469066	342.1168	92.6693	0.942567	100	2.3
2194.864	1550.364	333.866	26.04887	0.265767	1.708137	482.3564	1357.52	0.281764	0.471582	340.3824	91.7283	0.936749	100	2.4
2195.017	1550.517	333.8707	25.94606	0.254255	1.906109	481.9196	1353.443	0.270819	0.454918	378.482	121.7194	1.247765	100	3.8
2195.169	1550.669	333.8753	25.93906	0.254028	1.825696	480.8596	1345.406	0.270624	0.460024	371.7052	114.4401	1.173458	100	3.5
2195.321	1550.821	333.8799	25.93475	0.276258	1.48998	478.6665	1337.057	0.291846	0.506272	278.5983	68.47155	0.70222	100	1.3
2195.474	1550.974	333.8845	25.86785	0.282262	1.423588	475.9067	1330.01	0.297612	0.516844	256.0513	62.52101	0.642792	100	1
2195.626	1551.126	333.8891	25.79858	0.279702	1.440692	474.0534	1324.319	0.295182	0.507948	271.6814	66.56212	0.686111	100	1.2
2195.779	1551.279	333.8938	25.80794	0.285123	1.352706	476.506	1337.025	0.300395	0.514396	255.5883	62.40645	0.643057	100	1
2195.931	1551.431	333.8984	25.65176	0.298022	1.209343	480.9418	1357.965	0.312796	0.534558	210.6515	52.40072	0.543119	100	0.5
2196.083	1551.583	333.903	25.65675	0.29575	1.182542	485.2075	1381.563	0.310633	0.525183	226.5739	55.71777	0.577397	100	0.6
2196.236	1551.736	333.9076	25.57771	0.303376	1.061594	488.3402	1399.325	0.317986	0.537865	198.9255	50.09513	0.520678	100	0.3
2196.388	1551.888	333.9122	25.42167	0.295781	1.118982	490.1698	1408.487	0.310703	0.52005	233.5604	57.24702	0.598533	100	0.6
2196.541	1552.041	333.9168	25.26772	0.306356	1.058693	490.8096	1408.581	0.320896	0.540596	191.1413	48.62412	0.511365	100	0.3
2196.693	1552.193	333.9214	25.12224	0.298088	1.181692	489.8061	1397.729	0.312962	0.523644	225.4841	55.48345	0.586764	100	0.6
2196.845	1552.345	333.9261	25.1433	0.290336	1.261081	488.0663	1377.602	0.305538	0.510145	254.3577	62.10331	0.656248	100	0.9
2196.998	1552.498	333.9307	25.15093	0.276735	1.516594	485.703	1353.617	0.292529	0.485138	306.8205	77.31892	0.816801	100	1.7
2197.15	1552.65	333.9353	25.25168	0.276126	1.54591	483.7931	1341.827	0.291967	0.490435	300.2859	75.0871	0.790181	100	1.6
2197.303	1552.803	333.9399	25.3521	0.287852	1.363044	482.5631	1336.5	0.303217	0.520188	243.7023	59.55499	0.624344	100	0.9
2197.455	1552.955	333.9445	25.51296	0.283069	1.397877	481.6162	1333.362	0.298653	0.51484	257.3802	62.85137	0.654908	100	1
2197.607	1553.107	333.9491	25.59319	0.288994	1.309327	480.6129	1326.159	0.304353	0.528289	230.9542	56.67098	0.588733	100	0.7
2197.76	1553.26	333.9538	25.50287	0.269409	1.560476	480.6294	1314.682	0.285631	0.484005	317.9025	81.44549	0.848997	100	1.9
2197.912	1553.412	333.9584	25.52118	0.281422	1.352975	481.6657	1312.066	0.297138	0.503976	274.4631	67.32017	0.701275	100	1.2
2198.065	1553.565	333.963	25.42971	0.281721	1.347254	482.0221	1317.266	0.297444	0.498245	281.9495	69.42745	0.725737	100	1.3
2198.217	1553.717	333.9676	25.31855	0.300246	1.142115	482.0384	1328.72	0.315243	0.531929	210.9028	52.45136	0.550606	100	0.5
2198.369	1553.869	333.9722	25.2311	0.284002	1.297719	481.3751	1330.794	0.299671	0.49714	280.4019	68.9834	0.726575	100	1.2
2198.522	1554.022	333.9769	25.15005	0.283761	1.31963	482.0714	1325.259	0.29946	0.498889	278.2791	68.38159	0.72248	100	1.2
2198.674	1554.174	333.9815	25.05165	0.275096	1.428877	482.0313	1316.492	0.291188	0.490856	300.7798	75.25127	0.798079	100	1.6
2198.827	1554.327	333.9861	24.98781	0.272576	1.427362	481.4811	1319.608	0.288799	0.491934	302.5885	75.85853	0.806509	100	1.7
2198.979	1554.479	333.9907	25.04719	0.255537	1.61419	480.1944	1333.251	0.272574	0.451199	381.1935	124.9884	1.32582	100	4
2199.131	1554.631	333.9953	25.11368	0.255117	1.641015	480.6074	1345.019	0.272195	0.446235	388.5677	135.1211	1.429658	100	4.4
2199.284	1554.784	334	25.171	0.260125	1.594547	483.57	1344.175	0.276983	0.454793	370.1499	112.9282	1.192234	100	3.4
2199.436	1554.936	334.0046	25.24307	0.272014	1.44823	487.2691	1343.85	0.288345	0.479079	320.9554	82.67237	0.870416	100	1.9
2199.589	1555.089	334.0092	25.3418	0.276255	1.403817	489.2687	1345.82	0.292419	0.488308	302.5961	75.8611	0.795713	100	1.6

2199.741	1555.241	334.0138	25.47309	0.281528	1.433047	488.6619	1355.71	0.297486	0.498976	280.8824	69.12079	0.721422	100	1.3
2199.894	1555.394	334.0184	25.39747	0.279691	1.539629	487.3753	1360.182	0.295748	0.492861	291.7194	72.34436	0.757239	100	1.5
2200.046	1555.546	334.023	25.42722	0.281674	1.558062	487.7317	1362.776	0.297666	0.495569	285.3347	70.41525	0.736223	100	1.4
2200.198	1555.698	334.0276	25.45857	0.288629	1.469575	490.0144	1365.579	0.304352	0.511033	254.7693	62.20447	0.649611	100	1
2200.351	1555.851	334.0323	25.45399	0.29903	1.289989	493.4869	1376.267	0.314361	0.533017	210.6179	52.39397	0.547258	100	0.5
2200.503	1556.003	334.0369	25.4836	0.295243	1.318231	495.7696	1397.331	0.310743	0.525655	225.7709	55.545	0.579527	100	0.7
2200.656	1556.156	334.0415	25.64118	0.276023	1.564028	497.4859	1422.896	0.292341	0.484249	308.3058	77.84538	0.807402	100	1.7
2200.808	1556.308	334.0461	25.61684	0.278432	1.589916	497.4457	1434.392	0.294665	0.482929	306.9199	77.3539	0.803045	100	1.7
2200.96	1556.46	334.0507	25.50402	0.280581	1.611311	495.1958	1427.22	0.296743	0.484199	302.3002	75.76109	0.789865	100	1.6
2201.113	1556.613	334.0554	25.47202	0.288881	1.57782	491.1331	1402.478	0.304717	0.509444	256.458	62.62187	0.653674	100	1
2201.265	1556.765	334.06	25.44005	0.29805	1.470834	487.07	1370.664	0.313542	0.534689	209.4415	52.15763	0.545108	100	0.6
2201.417	1556.917	334.0646	25.38807	0.294813	1.479662	484.99	1349.228	0.310453	0.533656	215.1296	53.31111	0.558267	100	0.6
2201.57	1557.07	334.0692	25.50652	0.288872	1.528195	485.9697	1344.734	0.30477	0.525816	233.7921	57.29856	0.597346	100	0.8
2201.722	1557.222	334.0738	25.56441	0.289344	1.485055	487.799	1360.045	0.305244	0.524975	234.2979	57.41124	0.597222	100	0.8
2201.875	1557.375	334.0785	25.56078	0.289269	1.45216	489.572	1376.086	0.305193	0.523464	236.4544	57.89464	0.602338	100	0.8
2202.027	1557.527	334.0831	25.52733	0.274676	1.605064	490.2683	1382.954	0.291237	0.494237	296.0459	73.7057	0.767811	100	1.6
2202.179	1557.679	334.0877	25.48523	0.277105	1.55196	491.0213	1385.132	0.293581	0.499247	285.8983	70.58197	0.736447	100	1.4
2202.332	1557.832	334.0923	25.51818	0.277221	1.603968	492.1708	1387.726	0.293712	0.497255	288.4649	71.34973	0.743539	100	1.5
2202.484	1557.984	334.0969	25.4619	0.291498	1.442901	494.227	1405.747	0.307413	0.524131	232.4704	57.00528	0.595324	100	0.8
2202.637	1558.137	334.1016	25.48487	0.297778	1.458807	494.98	1419.599	0.313465	0.533264	211.5136	52.57466	0.548583	100	0.6
2202.789	1558.289	334.1062	25.50704	0.294041	1.531774	493.8065	1422.401	0.309895	0.523122	230.4367	56.5574	0.589652	100	0.8
2202.941	1558.441	334.1108	25.58072	0.282589	1.753411	490.9335	1408.735	0.298933	0.500991	276.105	67.77374	0.704638	100	1.3
2203.094	1558.594	334.1154	25.67641	0.277948	1.789041	487.4371	1390.899	0.29451	0.493054	293.1613	72.79291	0.754116	100	1.6
2203.246	1558.746	334.12	25.64504	0.27612	1.841631	485.074	1374.732	0.292783	0.491735	297.3664	74.13069	0.768886	100	1.7
2203.399	1558.899	334.1246	25.59662	0.269831	1.928177	485.317	1367.319	0.286793	0.480345	321.349	82.83374	0.860726	100	2.1
2203.551	1559.051	334.1292	25.57097	0.267139	1.965107	487.543	1364.701	0.284244	0.473559	334.2316	88.58906	0.921426	100	2.4
2203.703	1559.203	334.1339	25.63784	0.265147	2.003299	488.5227	1364.585	0.282365	0.468787	343.4112	93.38913	0.968924	100	2.6
2203.856	1559.356	334.1385	25.62097	0.264897	2.000202	487.1227	1364.677	0.282147	0.470727	341.0339	92.07869	0.955942	100	2.5
2204.008	1559.508	334.1431	25.74977	0.266142	1.9192	483.1731	1362.477	0.283354	0.476217	331.7923	87.42125	0.90323	100	2.3
2204.161	1559.661	334.1477	25.88442	0.277479	1.612546	478.0336	1357.045	0.294206	0.504339	278.0083	68.30543	0.702204	100	1.3
2204.313	1559.813	334.1523	25.69106	0.267532	1.66503	476.1804	1344.317	0.284722	0.48825	313.2984	79.67297	0.825	100	1.9
2204.465	1559.965	334.1569	25.50333	0.250505	1.873761	476.31	1333.881	0.268529	0.457585	377.9636	121.1194	1.263066	100	3.9
2204.618	1560.118	334.1616	25.33228	0.233141	2.270541	476.4398	1326.781	0.252091	0.425864	444.4225	284.0908	2.981867	100	11.8
2204.77	1560.27	334.1662	25.19341	0.237061	2.116635	476.6263	1330.522	0.25582	0.446026	411.452	183.7059	1.93847	100	7.1
2204.923	1560.423	334.1708	25.17331	0.252799	1.746205	476.5859	1336.973	0.270771	0.485561	336.2628	89.59357	0.946131	100	2.6
2205.075	1560.575	334.1754	25.16532	0.273143	1.468416	476.2623	1343.423	0.290182	0.518669	263.7851	64.47671	0.681105	100	1.2
2205.228	1560.728	334.1801	25.06749	0.282917	1.396365	475.259	1347.164	0.299554	0.531543	233.086	57.14166	0.605898	100	0.9
2205.38	1560.88	334.1847	25.04111	0.282239	1.42436	474.9921	1350.904	0.298925	0.525716	241.995	59.15879	0.62793	100	1
2205.532	1561.032	334.1893	24.94684	0.287938	1.342837	475.2917	1342.97	0.304408	0.532356	225.2662	55.43673	0.590574	100	0.7
2205.685	1561.185	334.1939	24.83893	0.282484	1.427714	476.668	1333.369	0.299201	0.518473	251.6092	61.43303	0.657204	100	1.1
2205.837	1561.337	334.1985	24.72814	0.276527	1.483796	477.8176	1321.578	0.29352	0.503439	280.1959	68.92462	0.740546	100	1.4
2205.99	1561.49	334.2031	24.51549	0.264247	1.569621	479.2504	1312.394	0.281814	0.477569	332.0523	87.5438	0.948489	100	2.4
2206.142	1561.642	334.2078	24.54295	0.270504	1.408283	479.9467	1303.626	0.287805	0.49236	303.3723	76.12476	0.823886	100	1.8
2206.294	1561.794	334.2124	24.70023	0.263491	1.456761	479.9631	1293.19	0.281134	0.495932	307.6502	77.61206	0.834821	100	1.9
2206.447	1561.947	334.217	24.68549	0.250026	1.664251	479.2997	1288.279	0.26834	0.484255	341.4197	92.28795	0.993262	100	2.8
2206.599	1562.099	334.2216	24.68133	0.25415	1.552716	479.3728	1286.494	0.27228	0.489936	328.1422	85.74626	0.923015	100	2.4
2206.751	1562.251	334.2262	24.72025	0.257147	1.459884	480.1824	1289.297	0.275152	0.492644	320.4414	82.46273	0.886328	100	2.2
2206.904	1562.404	334.2308	24.50558	0.271081	1.262051	480.3121	1294.809	0.288458	0.509833	278.3583	68.40389	0.741452	100	1.4
2207.056	1562.556	334.2354	24.42618	0.275342	1.249728	477.3824	1301.363	0.29255	0.508705	274.2681	67.26661	0.731424	100	1.3
2207.208	1562.708	334.2401	24.59936	0.269084	1.363794	469.9202	1301.456	0.286592	0.493575	303.3687	76.12354	0.822102	100	1.8
2207.361	1562.861	334.2447	24.68325	0.264762	1.518471	463.0241	1295.293	0.282489	0.482761	323.955	83.92182	0.903352	100	2.2
2207.513	1563.013	334.2493	24.65877	0.266325	1.384841	461.2276	1290.591	0.284001	0.491799	309.3968	78.23697	0.842975	100	1.9
2207.666	1563.166	334.2539	24.60064	0.257433	1.439934	467.2495	1288.807	0.275547	0.47945	338.104	90.5309	0.977675	100	2.5
2207.818	1563.318	334.2585	24.50292	0.248607	1.516426	475.6512	1286.606	0.267176	0.467965	365.505	108.7186	1.178629	100	3.5
2207.971	1563.471	334.2632	24.31782	0.233043	1.805294	479.6905	1278.359	0.252448	0.443149	420.0757	212.4745	2.320442	100	8.8
2208.123	1563.623	334.2678	24.15611	0.22821	1.924266	476.3642	1263.441	0.247902	0.448351	419.1718	209.0868	2.298266	100	9
2208.275	1563.775	334.2724	24.07233	0.210703	2.320181	468.7318	1250.608	0.231435	0.426412	472.1705	355.3546	3.91924	100	17.6
2208.428	1563.928	334.277	23.8907	0.205445	2.53238	462.8557	1251.116	0.226522	0.411858	499.0362	415.9388	4.62128	100	21.6
2208.58	1564.08	334.2816	23.85759	0.207761	2.406475	460.8892	1265.801	0.228715	0.412073	495.7131	408.8439	4.548612	100	21
2208.733	1564.233	334.2863	23.88212	0.241471	1.67966	460.0556	1282.57	0.260529	0.464362	379.6507	123.1012	1.368217	100	4.5
2208.885	1564.385	334.2909	23.82217	0.264484	1.351702	460.3553	1292.043	0.282428	0.494786	307.4455	77.53953	0.863931	100	1.9
2209.037	1564.537	334.2955	23.70399	0.268904	1.365941	459.5219	1285.256	0.286666	0.498261	296.8013	73.94826	0.827912	100	1.8
2209.19	1564.69	334.3001	23.63308	0.269279	1.387201	458.1218	1273.882	0.287044	0.494256	301.8064	75.59476	0.84882	100	1.8
2209.342	1564.842	334.3047	23.47853	0.247043	1.6311	457.3449	1269.387	0.265896	0.460521	377.545	120.6402	1.36329	100	4.3
2209.495	1564.995	334.3093	23.31721	0.224991	2.157227	458.8911	1274.066	0.245048	0.426979	452.6036	306.1187	3.482579	100	14.4
2209.647	1565.147	334.314	23.32503	0.221463	2.180179	465.3097	1285.831	0.241742	0.445319	431.8569	248.446	2.825569	100	11.7
2209.799	1565.299	334.3186	23.41614	0.226917	2.057982	471.0486	1297.597	0.246906	0.474975	383.8042	128.3554	1.454275	100	5.3
2209.952	1565.452	334.3232	23.42751	0.251846	1.516082	476.2209	1301.024	0.27054	0.503672	311.5876	79.03624	0.895072	100	2.3
2210.104	1565.604	334.3278	23.3991	0.266566	1.270975	480.2033	1311.852	0.284577	0.513861	278.1557	68.34687	0.774938	100	1.6
2210.257	1565.757	334.3324	23.25341	0.262997	1.487322	483.9591	1324.869	0.281194	0.498731	303.7028	76.23758	0.869681	100	2
2210.409	1565.909	334.337	23.09865	0.264271	1.88526	486.8652	1347.475	0.282429	0.49252	310.5701	78.66283	0.903206	100	2.3
2210.562	1566.062	334.3417	23.09375	0.276958	1.725744	487.3916	1368.206	0.294567	0.515272	262.4231	64.12636	0.736458	100	1.5
2210.714	1566.214	334.3463	23.12586	0.286055	1.599723	487.6911	1383.203	0.303298	0.530639	229.1675	56.27994	0.645479	100	1
2210.866	1566.366	334.3509	23.11398	0.29034	1.520956	485.4979	1384.963	0.307427	0.536608	215.2323	53.33218	0.611983	100	0.8
2211.019	1566.519	334.3555	23.15765	0.277111	1.683026	479.5087	1374.84	0.294774	0.508052	272.1005	66.67551	0.7637	100	1.5
2211.171	1566.671	334.3601	23.2094	0.253047	2.273402	476.1256	1364.299	0.271845	0.473742	351.0904	98.00402	1.120112	100	3.4
2211.323	1566.823	334.3647	23.27741	0.253298	2.299469	474.0456	1351.674	0.272103	0.488629	330.1893	86.67536	0.987828	100	2.9
2211.476	1566.976	334.3694	23.28928	0.266438	1.769582	474.9118	1348.951	0.28464	0.51186	280.8301	69.10581	0.787208	100	1.8
2211.628	1567.128	334.374	23.22123	0.283101	1.452619	477.591	1350.606	0.300589	0.541133	218.4234	53.99175	0.616798	100	0.9
2211.781	1567.281	334.3786	23.31772	0.272704	1.559666	480.4405	1357.994	0.290662	0.513057	270.8676	66.34274	0.754852	100	1.5

2211.933	1567.433	334.3832	23.40482	0.269558	1.633525	482.8931	1364.965	0.287678	0.497448	296.5268	73.85995	0.837351	100	1.9
2212.085	1567.585	334.3878	23.44996	0.263617	1.827326	483.986	1368.496	0.28203	0.480879	327.1846	85.32028	0.965476	100	2.5
2212.238	1567.738	334.3925	23.52502	0.257206	1.976245	484.5689	1369.734	0.275944	0.462585	360.8308	104.8935	1.183296	100	3.5
2212.39	1567.89	334.3971	23.56496	0.270878	1.757023	484.9253	1369.825	0.289	0.488405	307.1805	77.44584	0.872231	100	2
2212.543	1568.043	334.4017	23.41256	0.278195	1.600416	484.9418	1369.917	0.296015	0.50032	281.0577	69.17101	0.783972	100	1.6
2212.695	1568.195	334.4063	23.36574	0.274131	1.59915	484.2782	1367.715	0.292149	0.494397	294.5672	73.23518	0.83166	100	1.8
2212.847	1568.347	334.4109	23.39398	0.267421	1.656044	483.1049	1362.49	0.285761	0.483103	318.9677	81.86866	0.92862	100	2.3
2213	1568.5	334.4156	23.39772	0.268578	1.626976	481.0816	1352.68	0.286885	0.486578	312.6204	79.41927	0.900706	100	2.1
2213.152	1568.652	334.4202	23.4056	0.264594	1.663039	479.2849	1347.142	0.283105	0.479121	328.1285	85.74015	0.972084	100	2.5
2213.305	1568.805	334.4248	23.426	0.261559	1.681972	478.3947	1349.109	0.280232	0.481829	328.3554	85.84184	0.972423	100	2.5
2213.457	1568.957	334.4294	23.47337	0.262698	1.63453	478.3544	1353.474	0.281338	0.492976	311.4464	78.9842	0.892993	100	2.2
2213.609	1569.109	334.434	23.4245	0.278009	1.340166	479.2208	1360.758	0.29598	0.520427	253.3581	61.85844	0.700795	100	1.2
2213.762	1569.262	334.4386	23.41584	0.278309	1.349065	480.9368	1363.559	0.296287	0.517765	256.6088	62.65933	0.710131	100	1.2
2213.914	1569.414	334.4432	23.43329	0.285842	1.300927	482.9929	1373.865	0.303522	0.52872	231.5055	56.79227	0.643179	100	0.9
2214.067	1569.567	334.4479	23.39533	0.291619	1.271952	484.0291	1382.712	0.309084	0.536127	213.609	53.00005	0.601184	100	0.7
2214.219	1569.719	334.4525	23.41513	0.307041	1.119178	484.6686	1382.594	0.323932	0.565304	152.8543	42.01246	0.476164	100	0.1
2214.371	1569.871	334.4571	23.54473	0.313039	1.064431	485.2517	1373.722	0.329732	0.576356	129.5984	38.45048	0.433466	96.8	0
2214.524	1570.024	334.4617	23.56955	0.310056	1.08211	486.458	1366.307	0.326877	0.567939	145.1534	40.79747	0.459458	100	0.1
2214.676	1570.176	334.4663	23.60543	0.309262	1.09471	487.4375	1372.027	0.326133	0.563359	152.5019	41.95606	0.471813	100	0.1
2214.829	1570.329	334.471	23.63438	0.290786	1.286649	487.7938	1381.5	0.308386	0.527802	226.061	55.60734	0.62459	100	0.8
2214.981	1570.481	334.4756	23.67257	0.292849	1.278428	487.2435	1388.47	0.310386	0.533003	216.1225	53.51529	0.600156	100	0.7
2215.133	1570.633	334.4802	23.67385	0.285501	1.381086	486.0703	1384.601	0.303358	0.518929	245.2449	59.91574	0.671906	100	1
2215.286	1570.786	334.4848	23.74175	0.283213	1.383909	484.7835	1371.975	0.301186	0.515019	253.6367	61.92656	0.692535	100	1.1
2215.438	1570.938	334.4894	23.81397	0.27267	1.516813	483.6667	1358.307	0.291119	0.494807	295.4217	73.5064	0.819622	100	1.7
2215.591	1571.091	334.4941	23.89337	0.277272	1.420203	482.5499	1354.228	0.29554	0.505763	274.2027	67.24865	0.747436	100	1.4
2215.743	1571.243	334.4987	23.97179	0.282784	1.344147	482.8495	1356.403	0.300836	0.514608	254.6866	62.18413	0.68896	100	1.1
2215.896	1571.396	334.5033	23.97358	0.283067	1.375075	484.5657	1368.169	0.301128	0.512521	257.1637	62.79739	0.695711	100	1.2
2216.048	1571.548	334.5079	23.85828	0.28499	1.374198	486.3383	1378.266	0.30299	0.512736	254.2978	62.0886	0.69109	100	1.1
2216.2	1571.7	334.5125	23.87143	0.281147	1.412012	487.0346	1390.24	0.299329	0.500771	275.8623	67.70639	0.753224	100	1.4
2216.353	1571.853	334.5171	23.93992	0.266507	1.626029	486.2013	1390.54	0.285357	0.472599	334.0207	88.48649	0.981678	100	2.5
2216.505	1572.005	334.5218	24.00827	0.257853	1.761903	485.3111	1381.979	0.27713	0.457853	365.7236	108.9071	1.204901	100	3.5
2216.657	1572.157	334.5264	24.05654	0.261361	1.68189	484.8175	1362.995	0.280492	0.467945	347.1575	95.56297	1.055221	100	2.8
2216.81	1572.31	334.531	24.05165	0.271919	1.474364	484.7205	1357.457	0.290585	0.492327	299.5813	74.8541	0.826722	100	1.8
2216.962	1572.462	334.5356	24.00344	0.279234	1.218501	484.7368	1366.303	0.297601	0.50894	266.9736	65.30741	0.722696	100	1.2
2217.115	1572.615	334.5402	23.9508	0.283057	1.229155	485.0366	1389.013	0.301281	0.518074	249.2904	60.8747	0.675086	100	1
2217.267	1572.767	334.5448	23.89926	0.290992	1.230176	485.6195	1407.553	0.308909	0.535167	215.1744	53.32031	0.592552	100	0.7
2217.419	1572.919	334.5494	23.83024	0.277733	1.512759	487.1091	1416.401	0.296225	0.510256	267.0573	65.32944	0.728058	100	1.4
2217.572	1573.072	334.5541	23.81861	0.280017	1.514511	488.6552	1418.785	0.298431	0.516032	256.0406	62.51838	0.697068	100	1.2
2217.724	1573.224	334.5587	23.79889	0.286366	1.486499	490.8245	1419.605	0.304533	0.529577	228.9276	56.22769	0.627439	100	0.9
2217.877	1573.377	334.5633	23.79039	0.310293	1.250288	492.4273	1420.425	0.327554	0.574961	134.5285	39.17923	0.437353	100	0.1
2218.029	1573.529	334.5679	23.76634	0.296727	1.492984	492.897	1421.975	0.314518	0.548611	188.8813	48.20556	0.538647	100	0.5
2218.181	1573.681	334.5725	23.83968	0.282075	1.851411	492.5168	1418.522	0.300483	0.520151	247.5254	60.45399	0.673499	100	1.2
2218.334	1573.834	334.5772	23.84535	0.268782	2.298316	491.9098	1411.42	0.287793	0.493513	301.7968	75.59152	0.841956	100	2.1
2218.486	1573.986	334.5818	23.84669	0.264195	2.341201	490.6232	1395.563	0.283437	0.482412	323.1287	83.57304	0.930815	100	2.5
2218.639	1574.139	334.5864	23.89713	0.259233	2.333749	488.9398	1377.1	0.27873	0.469871	346.931	95.42755	1.060681	100	3.1
2218.791	1574.291	334.591	23.89843	0.273137	1.900323	486.5765	1360.304	0.292014	0.496746	291.5113	72.28003	0.803361	100	1.8
2218.943	1574.443	334.5956	23.95089	0.281084	1.722798	485.4597	1353.932	0.299636	0.510579	261.903	63.99325	0.709752	100	1.3
2219.096	1574.596	334.6003	23.95513	0.291643	1.466619	484.5695	1356.315	0.309779	0.538221	209.76	52.2215	0.579098	100	0.7
2219.248	1574.748	334.6049	23.96937	0.298876	1.324216	483.566	1366.204	0.316747	0.559342	170.9973	45.02224	0.49898	100	0.3
2219.401	1574.901	334.6095	23.95168	0.284604	1.422762	481.2595	1371.506	0.303069	0.535198	223.1922	54.99427	0.609943	100	0.9
2219.553	1575.053	334.6141	23.94571	0.282474	1.418428	479.2928	1374.307	0.301048	0.533303	228.596	56.15552	0.622979	100	0.9
2219.705	1575.205	334.6187	23.81544	0.278043	1.44908	478.1194	1376.899	0.296827	0.522297	249.6098	60.95124	0.679778	100	1.2
2219.858	1575.358	334.6233	23.98027	0.278963	1.454548	479.3255	1382.41	0.297727	0.520593	250.7176	61.21758	0.678201	100	1.2
2220.01	1575.51	334.628	23.95817	0.273807	1.572277	481.5515	1391.985	0.292817	0.507286	275.8591	67.70551	0.750756	100	1.5
2220.163	1575.663	334.6326	23.94314	0.277126	1.530744	484.7407	1397.809	0.29601	0.510857	266.5235	65.18926	0.723302	100	1.4
2220.315	1575.815	334.6372	23.94646	0.271292	1.607026	487.4767	1400.192	0.290454	0.493138	298.6439	74.54628	0.827019	100	1.8
2220.467	1575.967	334.6418	23.89274	0.275093	1.680184	489.646	1399.866	0.294107	0.494503	291.7176	72.34381	0.804344	100	1.7
2220.62	1576.12	334.6464	23.83418	0.26965	1.938732	489.7757	1399.227	0.288927	0.482442	315.5111	80.51373	0.897324	100	2.2
2220.772	1576.272	334.651	23.77968	0.275333	1.954863	488.3756	1396.294	0.294376	0.495508	289.9602	71.80372	0.802039	100	1.8
2220.925	1576.425	334.6557	23.74626	0.280739	1.902288	486.2391	1391.59	0.299569	0.513944	257.3525	62.84445	0.702932	100	1.4
2221.077	1576.577	334.6603	23.70153	0.282028	1.807575	484.839	1382.716	0.300824	0.524611	240.9001	58.90638	0.660098	100	1.2
2221.229	1576.729	334.6649	23.87737	0.283077	1.706784	483.4953	1377.802	0.301849	0.525113	238.7924	58.42412	0.650018	100	1.1
2221.382	1576.882	334.6695	23.89818	0.273522	1.864888	482.662	1375.391	0.292727	0.502024	283.2438	69.80241	0.775963	100	1.7
2221.534	1577.034	334.6741	23.90561	0.272363	1.804114	481.6584	1377.566	0.29164	0.495334	293.9771	73.04896	0.811817	100	1.8
2221.687	1577.187	334.6788	23.81644	0.268447	1.75086	480.8817	1382.451	0.287921	0.482506	316.8118	81.01748	0.903654	100	2.2
2221.839	1577.339	334.6834	23.75841	0.269099	1.717484	481.0679	1391.922	0.288563	0.48483	312.7182	79.45577	0.888346	100	2.1
2221.991	1577.491	334.688	23.7115	0.266687	1.656822	482.3875	1394.932	0.286281	0.481976	319.8059	82.2053	0.920862	100	2.2
2222.144	1577.644	334.6926	23.75959	0.275963	1.46732	484.5567	1392.728	0.295162	0.504247	276.8146	67.97122	0.759923	100	1.5
2222.296	1577.796	334.6972	23.8099	0.28047	1.393903	486.0461	1384.062	0.299495	0.516258	254.2617	62.07972	0.692638	100	1.2
2222.449	1577.949	334.7019	23.86481	0.27092	1.581367	485.8927	1379.358	0.290383	0.498347	291.5523	72.29269	0.804793	100	1.7
2222.601	1578.101	334.7065	23.91888	0.267469	1.732399	484.6059	1376.529	0.287109	0.492424	304.2456	76.42359	0.848922	100	2
2222.753	1578.253	334.7111	23.95448	0.273071	1.66738	482.5826	1376.203	0.292478	0.502708	282.6428	69.62789	0.772327	100	1.6
2222.906	1578.406	334.7157	24.01061	0.281203	1.492748	481.1258	1376.084	0.300277	0.517308	251.7326	61.46292	0.68022	100	1.2
2223.058	1578.558	334.7203	24.01795	0.27637	1.534094	480.6322	1376.174	0.295673	0.506014	273.6718	67.10322	0.742429	100	1.4
2223.211	1578.711	334.7249	24.07631	0.271592	1.585103	480.8185	1376.264	0.291127	0.494721	295.5311	73.54127	0.811755	100	1.8
2223.363	1578.863	334.7295	24.07763	0.275334	1.566601	481.2314	1374.478	0.294723	0.498004	286.0376	70.62326	0.779512	100	1.6
2223.515	1579.015	334.7342	24.00215	0.296468	1.272923	480.7379	1370.815	0.315001	0.535908	205.7459	51.42266	0.56932	100	0.6
2223.668	1579.168	334.7388	24.07973	0.284734	1.4166	478.8846	1365.277	0.303761	0.513298	252.4589	61.63924	0.680306	100	1.1
2223.82	1579.32	334.7434	24.21656	0.277783	1.459693	476.6346	1365.367	0.297126	0.502388	276.6716	67.93136	0.745652	100	1.4
2223.973	1579.473	334.748	24.21788	0.253412	1.810073	475.1778	1373.378	0.273901	0.458487	369.3046	112.1289	1.230735	100	3.7

2224.125	1579.625	334.7526	24.21919	0.254533	1.728435	476.3272	1382.015	0.274988	0.470785	350.8334	97.83916	1.073844	100	3
2224.277	1579.777	334.7572	24.2205	0.254118	1.720331	479.7998	1393.779	0.274612	0.466876	356.7457	101.8425	1.117735	100	3.2
2224.43	1579.93	334.7619	24.29865	0.271744	1.47208	484.3485	1401.583	0.291434	0.497012	291.9444	72.41401	0.792285	100	1.6
2224.582	1580.082	334.7665	24.37634	0.282435	1.416304	487.9345	1409.595	0.30168	0.514489	253.6868	61.93882	0.675589	100	1.1
2224.735	1580.235	334.7711	24.45683	0.299824	1.246884	490.3872	1416.355	0.318389	0.545967	187.1884	47.8945	0.520743	100	0.4
2224.887	1580.387	334.7757	24.49662	0.297654	1.337636	491.2533	1419.572	0.316323	0.544456	192.1255	48.80758	0.529841	100	0.5
2225.04	1580.54	334.7804	24.47639	0.289756	1.529498	491.3831	1416.327	0.308759	0.533929	217.0901	53.7151	0.583588	100	0.8
2225.192	1580.692	334.785	24.36071	0.281265	1.777639	491.626	1420.377	0.300641	0.520142	247.3197	60.40521	0.659297	100	1.2
2225.344	1580.844	334.7896	24.42781	0.280976	1.84849	491.7556	1420.467	0.300384	0.521699	245.5249	59.98151	0.652937	100	1.2
2225.497	1580.997	334.7942	24.45354	0.280005	1.960922	491.8853	1418.264	0.299475	0.515009	256.0124	62.51137	0.67979	100	1.3
2225.649	1581.149	334.7988	24.45452	0.276235	1.952955	491.9016	1408.972	0.295888	0.499399	282.5035	69.58756	0.756719	100	1.6
2225.802	1581.302	334.8035	24.5002	0.278789	1.871298	491.918	1404.059	0.298352	0.500957	276.9539	68.01007	0.738237	100	1.5
2225.954	1581.454	334.8081	24.48197	0.268812	2.009866	491.821	1402.272	0.288837	0.477387	322.6106	83.35619	0.905478	100	2.3
2226.106	1581.606	334.8127	24.45436	0.267139	2.053142	491.3841	1403.403	0.28726	0.47319	330.5787	86.85505	0.944526	100	2.5
2226.259	1581.759	334.8173	24.38543	0.274834	1.887332	490.2106	1401.409	0.29463	0.490092	297.0842	74.03948	0.807372	100	1.8
2226.411	1581.911	334.8219	24.34494	0.285141	1.644357	488.5273	1395.87	0.304516	0.513515	251.1183	61.3143	0.669692	100	1.1
2226.563	1582.063	334.8265	24.17287	0.306677	1.27326	486.5606	1388.663	0.325227	0.558707	160.1719	43.20094	0.475113	100	0.2
2226.716	1582.216	334.8311	24.16117	0.301547	1.286519	485.5004	1388.127	0.320309	0.550962	177.6468	46.17974	0.508116	100	0.4
2226.868	1582.368	334.8358	24.32497	0.30665	1.233283	484.6668	1397.389	0.325242	0.563164	154.0008	42.19645	0.461262	100	0.2
2227.021	1582.521	334.8404	24.38433	0.289885	1.469459	485.5331	1406.86	0.309146	0.531923	219.3256	54.17985	0.590865	100	0.8
2227.173	1582.673	334.845	24.54213	0.294295	1.436132	486.3992	1417.999	0.313399	0.541727	199.9254	50.28747	0.545007	100	0.6
2227.325	1582.825	334.8496	24.55363	0.287606	1.513665	488.1719	1420.59	0.307	0.526118	230.2967	56.52674	0.612355	100	0.9
2227.478	1582.978	334.8542	24.67348	0.286476	1.556698	489.0948	1419.011	0.305937	0.519715	240.6	58.83741	0.634397	100	1
2227.63	1583.13	334.8588	24.62463	0.271139	1.8623	490.0177	1411.596	0.291282	0.48646	306.7169	77.28246	0.834882	100	1.9
2227.783	1583.283	334.8635	24.5441	0.27444	1.837886	489.2408	1407.933	0.294456	0.493675	292.3788	72.54887	0.786242	100	1.7
2227.935	1583.435	334.8681	24.47213	0.278262	1.773375	488.5773	1405.938	0.298131	0.504247	272.7186	66.84328	0.726477	100	1.4
2228.087	1583.587	334.8727	24.42968	0.283573	1.631143	487.8004	1405.402	0.303237	0.518559	245.9217	60.07485	0.654021	100	1.1
2228.24	1583.74	334.8773	24.3564	0.280074	1.662989	487.0801	1401.947	0.299906	0.513979	256.8394	62.71665	0.684778	100	1.2
2228.392	1583.892	334.8819	24.36428	0.273876	1.66143	486.0768	1396.2	0.293998	0.503452	279.5196	68.73224	0.750232	100	1.5
2228.545	1584.045	334.8866	24.44986	0.264179	1.822629	484.9033	1386.49	0.284761	0.482281	321.4833	82.88897	0.901698	100	2.3
2228.697	1584.197	334.8912	24.47765	0.259255	1.909286	482.9931	1384.078	0.280089	0.468877	346.4273	95.12825	1.033714	100	2.9
2228.849	1584.349	334.8958	24.67566	0.241734	2.318236	481.7065	1384.168	0.263462	0.428429	425.1904	228.5881	2.464688	100	9.2
2229.002	1584.502	334.9004	24.59462	0.25633	1.922596	481.156	1388.843	0.277345	0.462785	358.6213	103.2119	1.116413	100	3.2
2229.154	1584.654	334.905	24.43467	0.266802	1.556465	481.8523	1384.346	0.287343	0.484002	315.5447	80.52668	0.876562	100	2.1
2229.307	1584.807	334.9097	24.38043	0.263742	1.56352	482.2652	1382.351	0.284445	0.475105	331.8203	87.43443	0.953816	100	2.4
2229.459	1584.959	334.9143	24.33125	0.277668	1.358563	482.4515	1380.563	0.297765	0.501021	277.6744	68.21167	0.745581	100	1.4
2229.611	1585.111	334.9189	24.3387	0.296879	1.179641	482.4112	1383.572	0.316205	0.53624	203.6256	51.00601	0.557356	100	0.5
2229.764	1585.264	334.9235	24.326	0.304125	1.107579	482.1443	1388.664	0.323194	0.551799	172.5099	45.2829	0.495073	100	0.2
2229.916	1585.416	334.9281	24.32242	0.291646	1.264306	481.424	1397.717	0.31122	0.531011	217.7211	53.84583	0.588781	100	0.7
2230.069	1585.569	334.9327	24.32538	0.272257	1.487341	480.8739	1400.516	0.292673	0.50351	281.2675	69.23119	0.756931	100	1.5
2230.221	1585.721	334.9373	24.25075	0.268431	1.599328	480.0402	1394.977	0.289039	0.511109	275.7965	67.68815	0.742275	100	1.5
2230.374	1585.874	334.942	24.3783	0.263373	1.712381	479.0934	1380.891	0.284235	0.504418	291.6586	72.32554	0.789115	100	1.8
2230.526	1586.026	334.9466	24.34019	0.271102	1.682519	477.7499	1367.012	0.29163	0.515949	265.541	64.93233	0.709533	100	1.4
2230.678	1586.178	334.9512	24.31172	0.263919	1.80461	476.9163	1362.722	0.284796	0.49612	302.3362	75.77325	0.828942	100	2
2230.831	1586.331	334.9558	24.3622	0.269492	1.713594	477.8392	1365.73	0.290133	0.499979	289.6463	71.70799	0.782902	100	1.7
2230.983	1586.483	334.9604	24.41648	0.281742	1.459898	479.7252	1377.076	0.301867	0.521771	243.3796	59.47984	0.648003	100	1
2231.135	1586.635	334.965	24.43011	0.280237	1.484115	481.7245	1384.462	0.300446	0.518629	249.6771	60.96736	0.663857	100	1.1
2231.288	1586.788	334.9697	24.51478	0.281221	1.520257	483.2706	1391.014	0.301408	0.522967	242.3621	59.2437	0.642937	100	1
2231.44	1586.94	334.9743	24.60528	0.267138	1.759726	484.4201	1386.725	0.287967	0.498823	294.2306	73.12885	0.790805	100	1.8
2231.593	1587.093	334.9789	24.71677	0.262554	1.884606	486.4367	1383.895	0.283615	0.492132	309.4685	78.26282	0.842637	100	2.1
2231.745	1587.245	334.9835	24.81135	0.269849	1.698533	488.5666	1376.688	0.290595	0.508266	277.5711	68.18273	0.731407	100	1.5
2231.897	1587.397	334.9881	24.89427	0.275603	1.616476	491.054	1361.663	0.296113	0.520661	252.852	61.73496	0.660114	100	1.2
2232.05	1587.55	334.9928	24.98091	0.280322	1.491606	490.9789	1326.729	0.300648	0.530753	232.6666	57.04871	0.607967	100	0.9
2232.202	1587.702	334.9974	24.88026	0.255291	2.097997	489.2216	1284.811	0.276781	0.483112	331.3481	87.21288	0.933068	100	2.6
2232.354	1587.854	335.002	24.91774	0.221214	2.979542	489.9005	1245.29	0.244533	0.411784	474.2821	360.3963	3.850219	100	16.6
2232.507	1588.007	335.0066	24.81922	0.209857	2.62929	490.4833	1225.782	0.233871	0.380735	531.8445	480.707	5.155292	100	23.7
2232.659	1588.159	335.0112	24.84599	0.214437	1.745951	489.9899	1220.242	0.238195	0.384593	520.5521	459.4362	4.922089	100	21.8
2232.812	1588.312	335.0159	24.68225	0.230795	1.247351	486.4138	1232.735	0.253635	0.418757	452.0997	304.7878	3.286275	100	12.9
2232.964	1588.464	335.0205	24.61102	0.237432	1.178928	479.9214	1246.479	0.259932	0.428849	429.4818	241.4489	2.610661	100	9.6
2233.117	1588.617	335.0251	24.82118	0.263458	1.25859	469.2402	1247.297	0.284679	0.464643	345.9356	94.8386	1.017048	100	2.5
2233.269	1588.769	335.0297	24.79742	0.275814	1.407608	459.6652	1235.711	0.296497	0.454884	343.0944	93.21151	1.000536	100	2.3
2233.421	1588.921	335.0343	24.80349	0.272806	1.236129	449.4068	1217.664	0.293641	0.378665	452.2176	305.0994	3.274204	100	10.7
2233.574	1589.074	335.0389	24.84408	0.291068	2.766647	435.5301	1202.846	0.31115	0.331408	493.2707	403.5607	4.32405	100	14
2233.726	1589.226	335.0435	25.02678	0.292804	1.640272	416.3586	1179.588	0.312837	0.283384	557.216	525.0753	5.586395	100	17.9
2233.879	1589.379	335.0482	25.06483	0.282396	0.590568	388.186	1091.467	0.302876	0.25291	613.0155	609.1623	6.471571	100	21.4
2234.031	1589.531	335.0528	25.06238	0.264518	0.870694	356.9401	960.5681	0.285811	0.197597	712.8974	729.2835	7.748512	100	27.9
2234.183	1589.683	335.0574	24.87998	0.241866	0.663652	333.4948	792.1387	0.264294	0.172014	777.8954	795.6694	8.513829	100	33.8
2234.336	1589.836	335.062	24.91146	0.245217	0.025784	330.0019	739.8237	0.267492	0.172229	773.1858	791.0471	8.45411	100	32.8
2234.488	1589.988	335.0666	24.94203	0.26921	0.00578	350.152	798.6254	0.290348	0.19239	713.8206	730.2737	7.795437	100	27.2
2234.641	1590.141	335.0713	24.92446	0.286376	0.006793	387.0435	928.8734	0.306791	0.23298	635.117	638.4636	6.820104	100	22
2234.793	1590.293	335.0759	24.9915	0.298246	0.0108	425.7527	1058.485	0.318205	0.249881	596.041	585.2621	6.235651	100	19.1
2234.945	1590.445	335.0805	25.00616	0.291715	0.04358	453.5186	1166.351	0.311953	0.314158	515.9675	450.5061	4.797226	100	14.6
2235.098	1590.598	335.0851	25.114	0.275704	0.026563	472.5287	1259.073	0.296633	0.386011	437.9517	266.0181	2.820974	100	8.4
2235.25	1590.75	335.0897	25.04468	0.288653	0.04781	482.2013	1312.979	0.309054	0.48836	279.5683	68.74607	0.73097	100	0.7
2235.403	1590.903	335.0944	25.13789	0.26632	0.478603	486.1841	1352.341	0.287711	0.480519	319.8434	82.22045	0.871118	100	1.6
2235.555	1591.055	335.099	25.35104	0.246796	1.025359	486.3336	1370.879	0.269152	0.469704	360.3783	104.5428	1.09864	100	3
2235.708	1591.208	335.1036	25.24508	0.22376	2.718515	485.3867	1365.027	0.247377	0.444793	424.8051	227.4195	2.399654	100	9.8
2235.86	1591.36	335.1082	25.24123	0.218702	3.020185	484.3832	1364.907	0.242631	0.442418	434.632	256.5144	2.707079	100	11.6
2236.012	1591.512	335.1128	25.1978	0.233195	2.658688	484.5128	1368.226	0.256326	0.466704	382.2189	126.284	1.334946	100	4.8
2236.165	1591.665	335.1174	25.15067	0.24975	2.150512	484.699	1377.8	0.272037	0.489647	328.8765	86.07659	0.91157	100	2.6

2236.317	1591.817	335.1221	25.23983	0.273353	1.756886	484.1487	1380.39	0.294547	0.521988	253.1817	61.81537	0.652411	100	1.2
2236.469	1591.969	335.1267	25.3625	0.270783	1.806195	482.9185	1380.27	0.292112	0.509927	273.1862	66.97059	0.703527	100	1.5
2236.622	1592.122	335.1313	25.46485	0.276999	1.801693	481.2353	1378.899	0.298074	0.52117	249.4434	60.91135	0.637399	100	1.2
2236.774	1592.274	335.1359	25.56881	0.265414	2.037125	480.8549	1385.032	0.287028	0.502876	289.9329	71.79538	0.748354	100	1.8
2236.927	1592.427	335.1405	25.67201	0.258092	2.249314	482.4576	1387.415	0.280071	0.498391	305.7229	76.93462	0.798822	100	2.1
2237.079	1592.579	335.1451	25.61729	0.242534	2.516445	485.6467	1375.829	0.26531	0.482206	348.4278	96.33268	1.002303	100	3.2
2237.231	1592.731	335.1497	25.56391	0.235475	2.680581	487.1928	1355.696	0.258645	0.485873	352.5656	98.96581	1.031783	100	3.5
2237.384	1592.884	335.1544	25.69273	0.258135	2.050871	484.093	1344.005	0.280172	0.536628	252.8163	61.72625	0.640431	100	1.4
2237.536	1593.036	335.159	25.67134	0.266158	1.909966	480.2565	1341.382	0.287839	0.556214	215.2076	53.32711	0.553737	100	1
2237.688	1593.188	335.1636	25.61556	0.278158	1.683557	478.2331	1345.64	0.299323	0.57043	179.7411	46.5506	0.48439	100	0.6
2237.841	1593.341	335.1682	25.59165	0.284066	1.515539	479.6091	1348.022	0.305	0.560095	186.1686	47.70812	0.496887	100	0.5
2237.993	1593.493	335.1728	25.56874	0.282109	1.514322	482.5717	1349.569	0.303146	0.54113	214.9002	53.26406	0.555238	100	0.7
2238.146	1593.646	335.1775	25.69638	0.281863	1.559106	485.3641	1355.911	0.30293	0.534535	224.2989	55.22986	0.572978	100	0.8
2238.298	1593.798	335.1821	25.91155	0.285421	1.536365	486.627	1367.674	0.306358	0.536188	217.2862	53.7557	0.553227	100	0.7
2238.451	1593.951	335.1867	25.88299	0.285488	1.542791	487.0399	1382.147	0.306443	0.532374	222.4317	54.83301	0.564919	100	0.8
2238.603	1594.103	335.1913	25.94439	0.283962	1.570917	487.0561	1392.554	0.305	0.526547	232.4646	57.00399	0.585953	100	0.9
2238.755	1594.255	335.1959	26.11524	0.284092	1.552198	487.0724	1388.473	0.305145	0.525323	233.954	57.3346	0.585645	100	0.8
2238.908	1594.408	335.2006	26.28488	0.276091	1.647518	487.0887	1381.681	0.297507	0.508851	267.2267	65.37399	0.663624	100	1.2
2239.06	1594.56	335.2052	26.14154	0.265735	1.792203	486.2551	1372.805	0.287635	0.488638	308.7431	78.00184	0.795994	100	1.9
2239.213	1594.713	335.2098	25.99495	0.269221	1.735005	484.9117	1371.643	0.290983	0.498442	290.5931	71.99739	0.738714	100	1.6
2239.365	1594.865	335.2144	26.03404	0.271648	1.713743	482.4917	1373.607	0.29332	0.507576	274.7639	67.40293	0.69058	100	1.4
2239.517	1595.017	335.219	26.21804	0.269208	1.763354	482.8478	1369.109	0.29101	0.505872	280.3027	68.95508	0.701718	100	1.5
2239.67	1595.17	335.2237	26.20653	0.26512	1.888943	484.1672	1367.529	0.28713	0.499757	294.0969	73.08669	0.744084	100	1.7
2239.822	1595.322	335.2283	26.35315	0.266121	1.857135	485.43	1368.66	0.288104	0.502465	289.0146	71.51606	0.724205	100	1.6
2239.975	1595.475	335.2329	26.56236	0.265319	1.865804	485.5597	1378.337	0.287359	0.499898	293.5849	72.92567	0.732896	100	1.7
2240.127	1595.627	335.2375	26.65722	0.264022	1.839045	484.1029	1381.343	0.286142	0.498002	297.8802	74.2973	0.744135	100	1.7
2240.279	1595.779	335.2421	26.74007	0.264159	1.835546	482.646	1377.887	0.286294	0.500998	293.5369	72.9106	0.728081	100	1.6
2240.432	1595.932	335.2467	26.75421	0.261862	1.812487	481.8125	1367.343	0.284124	0.497952	300.7348	75.23628	0.750931	100	1.7
2240.584	1596.084	335.2513	26.93757	0.266939	1.710458	481.6021	1360.968	0.288985	0.507948	280.2318	68.93485	0.683548	100	1.4
2240.737	1596.237	335.256	26.93834	0.278814	1.51149	482.8083	1366.893	0.300352	0.529357	235.0013	57.56839	0.570829	100	0.8
2240.889	1596.389	335.2606	26.94049	0.27955	1.469152	483.9009	1380.114	0.301078	0.52727	236.8811	57.99085	0.574979	100	0.8
2241.042	1596.542	335.2652	27.09769	0.279809	1.517923	486.8635	1388.959	0.301345	0.524991	239.6567	58.62131	0.578002	100	0.9
2241.194	1596.694	335.2698	27.28054	0.289571	1.43453	487.8429	1395.926	0.31072	0.542275	202.8668	50.85776	0.498237	100	0.5
2241.346	1596.846	335.2744	27.28676	0.275688	1.754817	486.5561	1389.343	0.297443	0.515446	258.2135	63.05968	0.617646	100	1.1
2241.499	1596.999	335.2791	27.29462	0.274306	1.765056	485.7793	1382.759	0.296142	0.515852	259.4487	63.37018	0.620521	100	1.1
2241.651	1597.151	335.2837	27.16384	0.267709	1.825458	484.6056	1371.068	0.289861	0.505229	282.7752	69.6663	0.685326	100	1.4
2241.803	1597.303	335.2883	26.99898	0.264168	1.816203	483.6021	1363.86	0.286503	0.499785	294.922	73.34757	0.725769	100	1.6
2241.956	1597.456	335.2929	26.86253	0.266569	1.743908	482.4852	1355.713	0.288813	0.503932	286.0122	70.61572	0.702149	100	1.5
2242.108	1597.608	335.2975	26.71163	0.277276	1.582439	481.7649	1350.797	0.299062	0.521408	247.7504	60.50743	0.604907	100	1
2242.261	1597.761	335.3022	26.73985	0.288941	1.360712	481.5545	1348.904	0.310256	0.540995	205.2732	51.32947	0.512637	100	0.5
2242.413	1597.913	335.3068	26.90255	0.284909	1.373996	481.684	1355.871	0.306411	0.53066	224.8422	55.34593	0.549547	100	0.7
2242.565	1598.065	335.3114	26.93924	0.277573	1.385737	481.4738	1358.357	0.299406	0.515243	255.7849	62.45508	0.619331	100	1
2242.718	1598.218	335.316	26.9415	0.271775	1.457666	481.49	1356.047	0.293884	0.505195	277.271	68.09869	0.675247	100	1.3
2242.87	1598.37	335.3206	26.9197	0.265552	1.594649	481.733	1347.901	0.287964	0.49323	301.9519	75.64368	0.750651	100	1.6
2243.023	1598.523	335.3252	26.94542	0.270918	1.550492	482.4291	1347.154	0.293105	0.503418	280.7974	69.09645	0.685058	100	1.3
2243.175	1598.675	335.3299	26.94007	0.271602	1.538217	483.0119	1354.537	0.293779	0.5044	278.5133	68.44757	0.67876	100	1.3
2243.327	1598.827	335.3345	26.91727	0.280117	1.436143	483.1415	1359.837	0.301941	0.521589	243.5287	59.51456	0.59066	100	0.9
2243.48	1598.98	335.3391	26.77326	0.282231	1.405347	482.7045	1360.133	0.303985	0.526311	234.1919	57.38761	0.572496	100	0.8
2243.632	1599.132	335.3437	26.81217	0.273145	1.545735	482.3809	1356.677	0.295313	0.509551	269.2878	65.91987	0.656703	100	1.2
2243.785	1599.285	335.3483	26.67898	0.273194	1.550528	482.0572	1353.22	0.29538	0.511204	266.9144	65.29185	0.65357	100	1.2
2243.937	1599.437	335.3529	26.85443	0.287378	1.342037	482.81	1359.666	0.308977	0.540764	207.3573	51.74176	0.51469	100	0.5
2244.089	1599.589	335.3575	26.89561	0.288988	1.334523	484.0728	1360.9	0.310542	0.544335	200.27	50.35393	0.500153	100	0.5
2244.242	1599.742	335.3622	26.87056	0.293068	1.315573	486.6953	1358.694	0.314478	0.550783	185.9408	47.66659	0.473888	100	0.3
2244.394	1599.894	335.3668	26.98517	0.292726	1.348864	488.2979	1351.589	0.314169	0.54812	190.0417	48.42001	0.479421	100	0.4
2244.547	1600.047	335.3714	27.1413	0.298361	1.276079	488.9375	1355.95	0.319603	0.555911	171.7915	45.15891	0.444669	100	0.2
2244.699	1600.199	335.376	27.08575	0.285361	1.40629	487.1973	1367.92	0.307145	0.530711	223.759	55.11478	0.543774	100	0.7
2244.852	1600.352	335.3807	27.06099	0.275365	1.488767	484.834	1379.265	0.297595	0.516732	256.2285	62.56493	0.617826	100	1
2245.004	1600.504	335.3853	27.05456	0.269659	1.562448	482.6973	1379.352	0.292164	0.509658	273.4862	67.05248	0.662297	100	1.3
2245.156	1600.656	335.3899	26.92961	0.265417	1.72077	481.8069	1370.893	0.288135	0.502967	288.279	71.29364	0.707329	100	1.5
2245.309	1600.809	335.3945	26.76247	0.273183	1.658985	481.5401	1364.101	0.29557	0.518142	257.0768	62.77573	0.626558	100	1.1
2245.461	1600.961	335.3991	26.59556	0.286631	1.430637	481.7828	1361.373	0.308462	0.540989	207.7568	51.8212	0.520344	100	0.6
2245.613	1601.113	335.4037	26.43574	0.298098	1.277488	482.2524	1357.291	0.319491	0.561247	164.5821	43.93368	0.443711	100	0.2
2245.766	1601.266	335.4084	26.46278	0.299414	1.311117	482.9485	1349.353	0.320776	0.564626	158.1455	42.86845	0.432532	100	0.2
2245.918	1601.418	335.413	26.48933	0.288962	1.422919	483.1914	1352.15	0.310758	0.544701	199.4663	50.19906	0.506012	100	0.5
2246.071	1601.571	335.4176	26.52723	0.280791	1.595238	483.3777	1365.058	0.302947	0.526598	235.2268	57.61887	0.580013	100	0.9
2246.223	1601.723	335.4222	26.564	0.27757	1.584036	484.6404	1376.819	0.299884	0.519716	248.9516	60.79366	0.611163	100	1
2246.375	1601.875	335.4268	26.42645	0.290651	1.376396	485.8464	1375.968	0.312438	0.547742	192.9522	48.96223	0.494687	100	0.4
2246.528	1602.028	335.4314	26.25511	0.277101	1.518027	485.0128	1361.567	0.299476	0.523885	243.7615	59.56879	0.605633	100	1
2246.68	1602.18	335.4361	26.39223	0.272202	1.592451	481.6863	1347.791	0.294813	0.515852	261.283	63.83507	0.64577	100	1.2
2246.833	1602.333	335.4407	26.52785	0.268258	1.722537	477.9633	1342.041	0.291066	0.508682	276.3478	67.8412	0.68293	100	1.4
2246.985	1602.485	335.4453	26.52633	0.280635	1.508251	476.7329	1342.441	0.302918	0.531625	228.3314	56.098	0.564752	100	0.8
2247.137	1602.637	335.4499	26.52338	0.275513	1.494208	477.3725	1345.55	0.298037	0.520714	250.1227	61.07436	0.614922	100	1
2247.29	1602.79	335.4545	26.51318	0.283023	1.301013	479.9949	1343.449	0.305245	0.53493	220.5585	54.43807	0.548313	100	0.6
2247.442	1602.942	335.4591	26.6918	0.2694	1.462152	481.4843	1344.265	0.292237	0.508772	274.6077	67.35993	0.674108	100	1.3
2247.595	1603.095	335.4638	26.69342	0.268082	1.512321	482.4637	1348.938	0.290999	0.508507	276.6824	67.93436	0.679823	100	1.3
2247.747	1603.247	335.4684	26.56217	0.258182	1.810218	482.48	1353.612	0.281582	0.490116	315.057	80.33958	0.807786	100	2
2247.899	1603.399	335.473	26.54209	0.251343	2.030392	482.1564	1356.201	0.275096	0.475753	343.8276	93.62396	0.942049	100	2.7
2248.052	1603.552	335.4776	26.37709	0.258215	1.930721	481.946	1356.497	0.281653	0.489586	315.6907	80.58288	0.815712	100	2.1
2248.204	1603.704	335.4822	26.42688	0.260594	1.825232	481.8489	1353.77	0.283939	0.494499	305.756	76.94616	0.777495	100	1.9
2248.357	1603.857	335.4869	26.59056	0.275122	1.566187	481.8652	1348.749	0.297824	0.5231	247.125	60.35906	0.606289	100	1

2248.509	1604.009	335.4915	26.75375	0.270987	1.601637	481.8814	1343.832	0.293893	0.514684	264.1651	64.57495	0.644841	100	1.2
2248.661	1604.161	335.4961	26.70694	0.272343	1.565234	482.0111	1344.857	0.295207	0.516241	260.2019	63.56052	0.635785	100	1.1
2248.814	1604.314	335.5007	26.89115	0.273375	1.582349	482.4238	1352.344	0.296213	0.5154	259.9736	63.50276	0.631034	100	1.1
2248.966	1604.466	335.5053	26.89254	0.296698	1.289862	483.5732	1364.419	0.318585	0.558003	170.3084	44.90403	0.446198	100	0.2
2249.119	1604.619	335.51	27.06734	0.286641	1.424594	485.1759	1372.01	0.308953	0.536927	212.6863	52.81228	0.521533	100	0.6
2249.271	1604.771	335.5146	27.06312	0.277413	1.49317	487.0052	1378.038	0.300134	0.517194	252.0874	61.54897	0.607906	100	1
2249.423	1604.923	335.5192	27.0647	0.276649	1.507684	487.8713	1373.331	0.299424	0.514531	256.7417	62.69235	0.61917	100	1
2249.576	1605.076	335.5238	26.96175	0.289522	1.380569	488.2275	1370.916	0.311776	0.540063	204.4623	51.17	0.507227	100	0.5
2249.728	1605.228	335.5284	26.99475	0.287842	1.482509	488.2437	1371.003	0.310184	0.539511	207.4217	51.75456	0.512424	100	0.6
2249.881	1605.381	335.533	26.85051	0.286622	1.504174	488.0334	1375.675	0.309034	0.539629	208.8453	52.03831	0.517895	100	0.6
2250.033	1605.533	335.5376	26.91916	0.27632	1.577185	487.1998	1384.935	0.29919	0.521526	247.4125	60.4272	0.599915	100	1
2250.186	1605.686	335.5423	26.84325	0.270735	1.643421	485.5163	1387.316	0.293872	0.512342	267.4251	65.42627	0.651315	100	1.2
2250.338	1605.838	335.5469	26.82767	0.257753	1.825066	483.1529	1382.398	0.281513	0.487718	318.4619	81.6671	0.813452	100	2
2250.49	1605.99	335.5515	26.85843	0.247812	2.056269	481.8094	1372.896	0.272082	0.469711	356.3258	101.5428	1.010322	100	3
2250.643	1606.143	335.5561	26.82494	0.250832	1.977294	481.1457	1367.562	0.274971	0.480954	336.8239	89.87646	0.895326	100	2.5
2250.795	1606.295	335.5607	26.79478	0.250092	2.040703	482.8616	1379.948	0.274287	0.480976	337.7364	90.34164	0.900941	100	2.6
2250.948	1606.448	335.5654	26.80093	0.263194	1.834845	485.2576	1389.625	0.286777	0.500851	293.0745	72.76576	0.72551	100	1.6
2251.1	1606.6	335.57	26.58275	0.261524	1.9324	487.0868	1397.008	0.285205	0.492338	306.9915	77.37914	0.777597	100	1.9
2251.252	1606.752	335.5746	26.45519	0.25773	2.081137	487.3297	1399.596	0.281611	0.482674	325.2861	84.49127	0.853012	100	2.3
2251.405	1606.905	335.5792	26.4077	0.262573	1.971751	486.2127	1393.012	0.286245	0.491807	306.2884	77.13212	0.780069	100	1.9
2251.557	1607.057	335.5838	26.22394	0.268029	1.815537	484.7559	1386.636	0.291468	0.504489	281.5795	69.32087	0.705803	100	1.5
2251.709	1607.209	335.5884	26.36394	0.268189	1.79388	483.5258	1388.599	0.29164	0.505854	279.4576	68.71466	0.696062	100	1.5
2251.862	1607.362	335.5931	26.51673	0.260807	1.955531	482.2954	1388.894	0.284621	0.490532	310.2882	78.56004	0.79139	100	2
2252.014	1607.514	335.5977	26.36771	0.267032	1.844255	481.3484	1389.188	0.290577	0.501871	286.4223	70.73757	0.716468	100	1.6
2252.167	1607.667	335.6023	26.32746	0.256539	2.033312	480.1183	1387.816	0.280597	0.476192	335.6312	89.27797	0.905594	100	2.5
2252.319	1607.819	335.6069	26.28985	0.264306	1.885775	480.7011	1396.241	0.288016	0.488874	307.8918	77.69788	0.789223	100	1.9
2252.471	1607.971	335.6115	26.42736	0.269625	1.792104	481.6805	1407.376	0.293111	0.49724	289.316	71.60753	0.723725	100	1.6
2252.624	1608.124	335.6162	26.60355	0.274292	1.697025	482.2633	1409.339	0.29759	0.506085	270.9291	66.35926	0.666416	100	1.3
2252.776	1608.276	335.6208	26.41316	0.25088	2.105161	479.3333	1399.106	0.275296	0.461801	362.8064	106.4638	1.076587	100	3.3
2252.929	1608.429	335.6254	26.27015	0.241399	2.295712	474.3071	1369.382	0.266319	0.445616	397.5301	150.4771	1.529643	100	5.4
2253.081	1608.581	335.63	26.42412	0.256832	2.011015	470.8672	1331.84	0.280996	0.481026	328.4096	85.8662	0.867969	100	2.3
2253.233	1608.733	335.6346	26.56919	0.250608	1.944211	472.1299	1288.772	0.275097	0.473473	346.974	95.45317	0.95982	100	2.7
2253.386	1608.886	335.6392	26.5512	0.244167	1.734426	476.1121	1249.562	0.269002	0.475893	352.045	98.62342	0.992353	100	2.9
2253.538	1609.038	335.6439	26.49208	0.237349	1.459469	479.4146	1230.364	0.262562	0.474093	363.4165	106.9622	1.078577	100	3.3
2253.691	1609.191	335.6485	26.49432	0.248602	1.13607	480.4506	1236.392	0.273252	0.498379	315.1503	80.37529	0.810424	100	1.9
2253.843	1609.343	335.6531	26.47027	0.261415	1.174385	480.1835	1268.165	0.28546	0.519883	268.6264	65.74399	0.663482	100	1.2
2253.995	1609.495	335.6577	26.48546	0.259943	1.359165	481.3329	1301.19	0.284078	0.49804	300.6772	75.21708	0.758671	100	1.6
2254.148	1609.648	335.6623	26.46078	0.274834	1.24278	481.8591	1322.436	0.298307	0.510146	264.3343	64.61874	0.652363	100	1.1
2254.3	1609.8	335.6669	26.43935	0.272681	1.389985	482.1586	1327.526	0.29627	0.49914	282.3349	69.53876	0.702587	100	1.3
2254.453	1609.953	335.6716	26.44156	0.275634	1.279987	481.7216	1333.241	0.299112	0.50367	272.1614	66.692	0.673777	100	1.1
2254.605	1610.105	335.6762	26.38548	0.260617	1.452735	481.6244	1333.119	0.2848	0.488252	313.1887	79.63179	0.806157	100	1.9
2254.757	1610.257	335.6808	26.35596	0.272033	1.306036	481.7541	1330.912	0.29571	0.523471	249.5306	60.93225	0.617522	100	1
2254.91	1610.41	335.6854	26.45086	0.276085	1.245292	482.8467	1326.828	0.299604	0.536727	225.8636	55.56492	0.561187	100	0.7
2255.062	1610.562	335.69	26.43291	0.279285	1.241014	484.676	1337.025	0.302685	0.543751	211.9194	52.65676	0.532168	100	0.6
2255.215	1610.715	335.6947	26.53973	0.275981	1.242897	487.9784	1361.502	0.299544	0.522579	245.4705	59.96873	0.603725	100	0.9
2255.367	1610.867	335.6993	26.47032	0.270234	1.327049	490.261	1387.231	0.294071	0.497763	287.2688	70.99017	0.71649	100	1.4
2255.52	1611.02	335.7039	26.37263	0.267637	1.444427	490.9005	1389.714	0.291613	0.494045	295.7925	73.62468	0.745734	100	1.5
2255.672	1611.172	335.7085	26.36217	0.264203	1.561058	489.2736	1378.022	0.288357	0.488218	308.3275	77.85312	0.788872	100	1.8
2255.824	1611.324	335.7131	26.36283	0.265463	1.60327	487.3635	1362.681	0.289578	0.491117	302.6408	75.87624	0.768829	100	1.7
2255.977	1611.477	335.7178	26.35839	0.26211	1.574678	484.0369	1347.34	0.286401	0.485961	314.1404	79.99059	0.810657	100	1.9
2256.129	1611.629	335.7224	26.45621	0.261758	1.552316	481.3902	1340.859	0.286086	0.493176	304.6189	76.55206	0.773057	100	1.7
2256.281	1611.781	335.727	26.51766	0.27102	1.381621	478.2336	1338.027	0.294942	0.516982	259.5456	63.39462	0.638766	100	1.1
2256.434	1611.934	335.7316	26.60692	0.267909	1.44733	476.3234	1336.237	0.291991	0.508853	274.8351	67.42254	0.677166	100	1.3
2256.586	1612.086	335.7362	26.53213	0.279612	1.271034	476.5096	1332.362	0.303196	0.529686	230.6224	56.59814	0.569996	100	0.7
2256.739	1612.239	335.7408	26.37783	0.266799	1.431209	477.7722	1324.318	0.290972	0.501705	286.1052	70.64333	0.715453	100	1.4
2256.891	1612.391	335.7454	26.4275	0.274119	1.298051	479.5448	1319.4	0.297983	0.513811	259.7246	63.4398	0.641342	100	1
2257.043	1612.543	335.7501	26.30987	0.276777	1.295327	481.4875	1316.359	0.300544	0.516903	251.9237	61.50925	0.624506	100	1
2257.196	1612.696	335.7547	26.15104	0.291123	1.140204	482.4102	1317.174	0.314309	0.542914	197.0323	49.73311	0.5079	100	0.4
2257.348	1612.848	335.7593	26.13652	0.287476	1.204915	482.8231	1321.116	0.31083	0.532484	216.227	53.53682	0.547043	100	0.6
2257.5	1613	335.7639	26.01699	0.280213	1.286132	482.8393	1327.978	0.303892	0.515723	248.9314	60.78885	0.6239	100	0.9
2257.653	1613.153	335.7685	26.06004	0.271085	1.414099	482.1189	1332.129	0.295183	0.500689	281.6962	69.35447	0.710685	100	1.4
2257.805	1613.305	335.7731	25.88931	0.275557	1.349745	480.7755	1323.981	0.299477	0.51385	257.6087	62.90841	0.648735	100	1.1
2257.958	1613.458	335.7778	25.6878	0.266256	1.464318	477.7321	1308.535	0.290613	0.500542	288.2054	71.27147	0.740545	100	1.5
2258.11	1613.61	335.7824	25.76475	0.272618	1.363904	476.0486	1287.045	0.296708	0.517444	256.4713	62.62519	0.648837	100	1.1
2258.263	1613.763	335.787	25.78003	0.276495	1.303611	474.0251	1276.185	0.300434	0.523795	242.5636	59.29037	0.613941	100	0.9
2258.415	1613.915	335.7916	25.75465	0.281008	1.208852	473.0214	1272.101	0.304772	0.531298	226.223	55.64219	0.576718	100	0.7
2258.567	1614.067	335.7962	25.59813	0.278495	1.18928	471.7912	1273.022	0.302387	0.524895	238.3511	58.32374	0.608084	100	0.8
2258.72	1614.22	335.8009	25.57171	0.283605	1.112976	471.0143	1273.107	0.307299	0.533645	219.4978	54.21584	0.565824	100	0.6
2258.872	1614.372	335.8055	25.54549	0.285658	1.065348	470.7472	1272.151	0.309286	0.537312	211.6955	52.61144	0.549629	100	0.5
2259.025	1614.525	335.8101	25.3426	0.280405	1.081505	471.0466	1273.904	0.304274	0.52573	234.5943	57.47741	0.605112	100	0.8
2259.177	1614.677	335.8147	25.16986	0.28029	1.059843	471.9693	1278.576	0.304184	0.519039	243.952	59.6132	0.631767	100	0.9
2259.329	1614.829	335.8193	25.19605	0.280238	1.064873	473.1187	1285.542	0.304154	0.513595	251.5057	61.40797	0.65014	100	0.9
2259.482	1614.982	335.824	25.05103	0.28963	0.990093	473.9281	1286.044	0.313175	0.535291	209.1165	52.09255	0.554609	100	0.5
2259.634	1615.134	335.8286	24.8742	0.284537	1.042109	473.831	1280.292	0.308312	0.527642	226.3838	55.6768	0.596853	100	0.7
2259.787	1615.287	335.8332	24.83839	0.275864	1.126916	472.9406	1277.876	0.300029	0.512128	259.2232	63.31335	0.679671	100	1.1
2259.939	1615.439	335.8378	24.7345	0.269773	1.177495	471.5971	1279.838	0.294229	0.501218	282.2842	69.52412	0.749388	100	1.4
2260.091	1615.591	335.8424	24.60174	0.271232	1.151734	471.0468	1290.347	0.295642	0.502775	278.1855	68.35525	0.740649	100	1.4
2260.244	1615.744	335.847	24.63413	0.263215	1.269358	471.0063	1296.895	0.288012	0.485247	312.9023	79.52455	0.860582	100	1.9
2260.396	1615.896	335.8516	24.6556	0.263519	1.29168	471.589	1301.359	0.288322	0.489106	307.1506	77.43527	0.837274	100	1.9
2260.549	1616.049	335.8563	24.69123	0.266683	1.258427	472.0586	1292.48	0.291358	0.49891	289.4296	71.64205	0.773558	100	1.6

2260.701	1616.201	335.8609	24.75635	0.278085	1.138097	472.6414	1281.933	0.302273	0.525593	237.5451	58.14092	0.626185	100	0.9
2260.854	1616.354	335.8655	24.80904	0.279559	1.156529	472.8842	1278.475	0.303704	0.53137	227.599	55.93919	0.601238	100	0.8
2261.006	1616.506	335.8701	25.00551	0.28499	1.122887	473.0137	1281.688	0.308925	0.539832	208.7167	52.01261	0.554787	100	0.6
2261.158	1616.658	335.8747	24.99122	0.270507	1.288917	473.0865	1289.486	0.295089	0.509645	269.4679	65.96788	0.704036	100	1.3
2261.311	1616.811	335.8794	25.01295	0.260322	1.40228	472.9329	1291.24	0.285394	0.489816	310.2101	78.53161	0.837424	100	1.9
2261.463	1616.963	335.884	24.96002	0.26011	1.408972	472.6091	1288.615	0.285212	0.489934	310.2982	78.56371	0.839494	100	2
2261.615	1617.115	335.8886	24.90095	0.273112	1.242957	471.3221	1279.944	0.297636	0.514891	258.7127	63.18494	0.676721	100	1.1
2261.768	1617.268	335.8932	25.02259	0.265853	1.314026	470.8851	1275.026	0.290726	0.499377	289.6583	71.71164	0.764436	100	1.6
2261.92	1617.42	335.8978	24.94988	0.253251	1.488257	472.0343	1275.112	0.278744	0.474849	340.0414	91.54635	0.978634	100	2.6
2262.073	1617.573	335.9025	25.14256	0.25261	1.509524	477.0364	1284.37	0.278155	0.47468	341.0884	92.10818	0.977346	100	2.6
2262.225	1617.725	335.9071	25.13433	0.262766	1.38947	483.7949	1303.426	0.287842	0.493499	301.7501	75.57584	0.802185	100	1.8
2262.377	1617.877	335.9117	25.13213	0.273508	1.31142	486.9274	1326.443	0.298115	0.513565	259.8824	63.47969	0.673857	100	1.2
2262.53	1618.03	335.9163	25.12782	0.283227	1.263032	484.394	1336.536	0.307434	0.53411	218.6697	54.04303	0.573784	100	0.7
2262.682	1618.182	335.9209	25.29773	0.270502	1.379518	477.0447	1334.536	0.295283	0.511308	266.9055	65.28953	0.688694	100	1.3
2262.834	1618.334	335.9255	25.46908	0.238913	1.861405	470.262	1315.547	0.265256	0.45705	383.2176	127.579	1.337003	100	4.5
2262.987	1618.487	335.9302	25.45446	0.232524	1.877641	467.0486	1292.074	0.259231	0.454483	395.0752	145.8847	1.529706	100	5.5
2263.139	1618.639	335.9348	25.48183	0.243925	1.618193	467.8581	1270.584	0.270047	0.481742	342.5324	92.89877	0.973109	100	2.8
2263.292	1618.792	335.9394	25.51137	0.254496	1.342074	470.1405	1275.463	0.280107	0.50526	296.1937	73.75304	0.771702	100	1.7
2263.444	1618.944	335.944	25.4671	0.249565	1.386551	471.2899	1291.913	0.275439	0.493966	318.221	81.57148	0.85495	100	2.2
2263.597	1619.097	335.9486	25.59576	0.23927	1.602157	471.646	1307.841	0.265694	0.471164	363.136	106.7322	1.113238	100	3.5
2263.749	1619.249	335.9532	25.4709	0.249805	1.494762	472.3421	1310.533	0.275708	0.483941	331.6851	87.37083	0.915618	100	2.4
2263.901	1619.401	335.9579	25.50767	0.261728	1.344179	473.4348	1303.531	0.287071	0.499883	294.0028	73.05704	0.764555	100	1.6
2264.054	1619.554	335.9625	25.71346	0.262489	1.373899	473.7909	1301.113	0.287816	0.497604	296.1211	73.72978	0.765639	100	1.6
2264.206	1619.706	335.9671	25.72466	0.25882	1.496453	471.5974	1299.322	0.28434	0.487461	314.9146	80.28513	0.83337	100	2
2264.359	1619.859	335.9717	25.73813	0.231897	2.036914	469.6873	1300.033	0.258817	0.443177	411.2497	183.1181	1.899847	100	7.1
2264.511	1620.011	335.9763	25.72892	0.223751	2.135994	469.3068	1287.401	0.251146	0.438404	428.4211	238.2966	2.473201	100	10
2264.663	1620.163	335.9809	25.68989	0.23182	1.965675	471.4193	1282.483	0.258784	0.460388	387.5426	133.5924	1.388557	100	4.9
2264.816	1620.316	335.9856	25.7583	0.248318	1.570433	474.665	1286.737	0.274434	0.495894	316.9474	81.07038	0.840492	100	2.2
2264.968	1620.468	335.9902	25.75549	0.249008	1.670798	479.0439	1306.627	0.275109	0.484024	332.3962	87.70659	0.909397	100	2.5
2265.121	1620.621	335.9948	25.60953	0.257591	1.611653	482.6862	1335.377	0.283289	0.487883	315.7825	80.61826	0.840507	100	2.1
2265.273	1620.773	335.9994	25.59055	0.263802	1.621876	485.082	1356.309	0.289226	0.497879	293.7951	72.99169	0.761547	100	1.7
2265.425	1620.925	336.004	25.58238	0.267598	1.524239	485.6082	1367.547	0.292867	0.503176	281.4601	69.28654	0.72312	100	1.5
2265.578	1621.078	336.0087	25.39882	0.274845	1.449169	485.0011	1365.547	0.299809	0.518447	250.8073	61.23921	0.643601	100	1.1
2265.73	1621.23	336.0133	25.22345	0.262262	1.620034	484.3373	1354.583	0.287817	0.494206	300.8078	75.2606	0.796285	100	1.8
2265.883	1621.383	336.0179	25.11823	0.267162	1.494308	483.3337	1348.936	0.292511	0.509093	273.7866	67.13463	0.713194	100	1.4
2266.035	1621.535	336.0225	25.1449	0.25347	1.658161	482.2168	1348.186	0.279488	0.486387	323.0932	83.55815	0.886765	100	2.3
2266.188	1621.688	336.0271	25.17593	0.269874	1.45218	480.0234	1349.106	0.295138	0.520167	254.8788	62.23144	0.659653	100	1.2
2266.34	1621.84	336.0318	25.07177	0.251835	1.788749	480.4928	1354.089	0.277973	0.485856	325.9158	84.764	0.902118	100	2.4
2266.492	1621.992	336.0364	25.03375	0.259567	1.722646	482.7751	1364.91	0.28535	0.499976	296.2504	73.77122	0.786287	100	1.9
2266.645	1622.145	336.041	25.02795	0.225509	2.523476	485.6242	1379.484	0.253082	0.426346	442.3895	278.476	2.968818	100	12.2
2266.797	1622.297	336.0456	25.01996	0.268091	1.632136	488.4166	1396.246	0.293515	0.512968	267.0533	65.32838	0.696684	100	1.4
2266.949	1622.449	336.0502	25.00725	0.26145	1.860438	490.246	1407.172	0.287203	0.496975	297.8349	74.28259	0.792573	100	1.9
2267.102	1622.602	336.0548	24.81539	0.255627	2.123517	490.3188	1418.096	0.281678	0.488558	317.075	81.12029	0.872018	100	2.4
2267.254	1622.754	336.0594	24.8993	0.253738	2.237344	489.8817	1420.266	0.279901	0.488005	320.2901	82.40128	0.882905	100	2.5
2267.407	1622.907	336.0641	24.71948	0.260374	2.130867	488.9914	1418.058	0.286237	0.502508	291.5322	72.28647	0.779995	100	1.9
2267.559	1623.059	336.0687	24.73862	0.258215	2.128802	488.4409	1409.387	0.284201	0.49927	298.8104	74.60079	0.804371	100	2.1
2267.711	1623.211	336.0733	24.67308	0.268997	1.910304	488.4572	1404.469	0.294499	0.516267	261.1425	63.7993	0.689684	100	1.4
2267.864	1623.364	336.0779	24.63919	0.263883	2.084695	489.0399	1402.052	0.28964	0.502	287.5369	71.07051	0.769319	100	1.9
2268.016	1623.516	336.0825	24.47466	0.274007	1.906375	489.8493	1402.137	0.299325	0.520819	248.201	60.6146	0.660422	100	1.3
2268.169	1623.669	336.0872	24.30682	0.266237	2.029846	490.5453	1404.931	0.291925	0.504155	281.411	69.27241	0.759819	100	1.8
2268.321	1623.821	336.0918	24.28499	0.2717	1.887809	491.468	1412.52	0.29716	0.518179	254.8325	62.22003	0.683067	100	1.4
2268.473	1623.973	336.0964	24.33718	0.258964	2.020524	492.6741	1424.488	0.285033	0.496048	302.1093	75.69671	0.829295	100	2.1
2268.626	1624.126	336.101	24.38406	0.258548	2.114589	494.05	1433.953	0.284656	0.495591	303.2598	76.08644	0.832017	100	2.2
2268.778	1624.278	336.1056	24.38364	0.257079	2.170776	495.2559	1432.579	0.283277	0.492928	308.8368	78.03545	0.853352	100	2.3
2268.931	1624.431	336.1103	24.24987	0.259255	2.177719	495.2722	1430.371	0.285369	0.492854	306.0516	77.04929	0.84709	100	2.2
2269.083	1624.583	336.1149	24.21243	0.2713	1.916313	494.2119	1427.536	0.296876	0.512728	262.7461	64.20919	0.706991	100	1.5
2269.235	1624.735	336.1195	24.19386	0.266924	2.065329	493.2649	1429.915	0.292719	0.506613	276.9227	68.00137	0.749312	100	1.7
2269.388	1624.888	336.1241	24.01445	0.26572	2.170621	492.9977	1434.585	0.29159	0.506827	278.1844	68.35494	0.758685	100	1.8
2269.54	1625.04	336.1287	24.01169	0.257735	2.340785	493.2405	1442.799	0.284	0.492176	308.876	78.04952	0.866392	100	2.4
2269.693	1625.193	336.1333	24.03308	0.254161	2.322883	493.5967	1446.845	0.28062	0.486349	321.5829	82.93001	0.919781	100	2.6
2269.845	1625.345	336.138	24.02382	0.264661	2.085533	493.3862	1446.93	0.290639	0.507182	279.0073	68.58709	0.760996	100	1.8
2269.998	1625.498	336.1426	24.22627	0.26415	2.128988	493.1758	1443.263	0.290172	0.505958	281.341	69.25231	0.762142	100	1.8
2270.15	1625.65	336.1472	24.19204	0.263872	2.226499	492.9652	1435.842	0.289927	0.506651	280.7224	69.07497	0.761243	100	1.9
2270.302	1625.802	336.1518	24.16919	0.255645	2.373756	493.1513	1431.756	0.282111	0.491521	312.3884	79.33288	0.875103	100	2.4
2270.455	1625.955	336.1564	24.12633	0.247875	2.620697	493.9041	1431.945	0.274745	0.474953	345.4169	94.53566	1.044612	100	3.3
2270.607	1626.107	336.161	24.08843	0.255531	2.303868	494.4868	1439.117	0.282042	0.48984	314.8035	80.24271	0.888041	100	2.5
2270.759	1626.259	336.1656	24.03693	0.253205	2.260746	493.8231	1449.938	0.279849	0.48641	322.5627	83.33621	0.924207	100	2.6
2270.912	1626.412	336.1703	24.00081	0.263417	1.928871	489.5901	1448.25	0.289592	0.508106	279.1777	68.63533	0.762294	100	1.8
2271.064	1626.564	336.1749	23.95793	0.27015	1.696095	482.184	1408.309	0.296035	0.517622	257.1528	62.79467	0.698646	100	1.4
2271.217	1626.717	336.1795	23.84692	0.283676	1.509541	475.118	1346.269	0.308993	0.540182	208.1388	51.89727	0.580024	100	0.8
2271.369	1626.869	336.1841	23.9498	0.280015	1.703593	471.5081	1281.623	0.305507	0.528216	229.4625	56.3443	0.6271	100	1
2271.521	1627.021	336.1887	24.05362	0.28057	1.611965	471.0709	1250.436	0.306058	0.524211	234.2296	57.39601	0.63613	100	1
2271.674	1627.174	336.1934	24.15497	0.266997	1.531273	470.5771	1250.416	0.293104	0.497477	288.9984	71.51112	0.789345	100	1.7
2271.826	1627.326	336.198	24.32705	0.255865	1.374804	470.8765	1265.093	0.282517	0.475154	334.414	88.67806	0.972116	100	2.5
2271.979	1627.479	336.2026	24.29028	0.258709	1.269531	470.7794	1277.894	0.285245	0.485725	316.0615	80.72603	0.886254	100	2.1
2272.131	1627.631	336.2072	24.43982	0.263329	1.172217	471.0221	1284.336	0.289665	0.499462	291.0049	72.1239	0.787117	100	1.6
2272.283	1627.783	336.2118	24.59634	0.253845	1.287145	471.095	1288.591	0.280655	0.487209	320.348	82.42476	0.893988	100	2.2
2272.436	1627.936	336.2165	24.54296	0.245087	1.377626	471.8477	1283.88	0.272356	0.47649	346.5928	95.22628	1.035024	100	2.9
2272.588	1628.088	336.2211	24.49612	0.240973	1.472489	472.997	1282.296	0.268476	0.470854	359.725	104.0424	1.132956	100	3.4
2272.741	1628.241	336.2257	24.51631	0.245453	1.368084	471.9367	1280.504	0.272744	0.482385	337.9232	90.4377	0.984033	100	2.7

2272.893	1628.393	336.2303	24.47846	0.244059	1.393785	470.4231	1280.796	0.271441	0.481544	340.8814	91.99635	1.002504	100	2.8
2273.045	1628.545	336.2349	24.56293	0.255481	1.272273	468.4563	1281.923	0.28231	0.505638	292.6323	72.62777	0.788807	100	1.8
2273.198	1628.698	336.2395	24.65631	0.246566	1.468774	468.1891	1283.675	0.273859	0.490507	325.1749	84.44332	0.913774	100	2.4
2273.35	1628.85	336.2442	24.81235	0.251841	1.371579	469.0553	1287.72	0.278889	0.502709	301.3946	75.4566	0.811555	100	1.9
2273.503	1629.003	336.2488	24.84496	0.259156	1.266639	470.3177	1281.655	0.285867	0.515774	273.7347	67.12043	0.720986	100	1.5
2273.655	1629.155	336.2534	24.88245	0.258002	1.263274	470.6172	1277.673	0.284788	0.512728	279.4283	68.70636	0.736951	100	1.5
2273.807	1629.307	336.258	24.78354	0.248256	1.429754	470.1235	1275.464	0.275542	0.496351	314.7874	80.23655	0.863963	100	2.2
2273.96	1629.46	336.2626	24.86371	0.237533	1.609999	467.9866	1283.053	0.265395	0.478056	354.0383	99.95298	1.07291	100	3.3
2274.112	1629.612	336.2672	24.81049	0.229933	1.806822	466.1898	1291.788	0.258227	0.462063	386.0001	131.3689	1.413079	100	5
2274.265	1629.765	336.2719	24.92119	0.22606	1.919088	464.2795	1292.706	0.25459	0.452975	403.5615	163.2262	1.748212	100	6.6
2274.417	1629.917	336.2765	25.08196	0.236039	1.713325	462.5959	1282.575	0.264039	0.470355	366.5359	109.6155	1.166743	100	3.8
2274.569	1630.069	336.2811	25.01838	0.250983	1.420031	461.0257	1269.734	0.278231	0.496942	310.2608	78.55009	0.83815	100	2.1
2274.722	1630.222	336.2857	24.97206	0.25243	1.361403	459.9653	1256.058	0.279626	0.502047	301.2914	75.42205	0.806226	100	1.9
2274.874	1630.374	336.2903	24.91415	0.247948	1.412376	457.8286	1249.68	0.275388	0.496124	315.314	80.43803	0.86179	100	2.2
2275.027	1630.527	336.295	25.03388	0.236645	1.60069	453.7087	1245.698	0.264692	0.471691	363.791	107.2714	1.14396	100	3.6
2275.179	1630.679	336.2996	25.21243	0.239664	1.647385	449.2487	1239.528	0.267571	0.474878	355.4205	100.9051	1.068701	100	3.3
2275.332	1630.832	336.3042	25.09203	0.241343	1.612435	446.6304	1225.436	0.269181	0.473558	355.0196	100.6264	1.070709	100	3.2
2275.484	1630.984	336.3088	25.20153	0.244509	1.424831	449.5077	1212.908	0.272203	0.475019	348.8345	96.58279	1.02337	100	2.9
2275.636	1631.136	336.3134	25.39676	0.223133	1.486779	455.4727	1215.91	0.252006	0.436585	429.7452	242.2292	2.54754	100	10.2
2275.789	1631.289	336.3181	25.40866	0.235667	1.205157	462.4013	1237.049	0.263865	0.469981	367.2928	110.2872	1.159383	100	3.6
2275.941	1631.441	336.3227	25.51652	0.241533	1.373343	467.6016	1268.611	0.26944	0.483813	340.5114	91.79741	0.961076	100	2.7
2276.094	1631.594	336.3273	25.75205	0.24123	1.725664	470.5923	1291.419	0.269173	0.485082	339.1289	91.06427	0.944983	100	2.8
2276.246	1631.746	336.3319	25.98139	0.244537	1.869254	470.9484	1299.529	0.272328	0.487694	331.1702	87.12981	0.896458	100	2.6
2276.398	1631.898	336.3365	26.05933	0.257947	1.559274	469.4914	1296.173	0.285091	0.50939	283.6175	69.91128	0.717232	100	1.6
2276.551	1632.051	336.3411	26.06375	0.262766	1.406151	467.2414	1280.831	0.289701	0.51555	268.754	65.77788	0.674722	100	1.3
2276.703	1632.203	336.3458	25.83164	0.271879	1.264319	465.8976	1263.611	0.298417	0.530053	236.7113	57.95252	0.599612	100	0.9
2276.855	1632.355	336.3504	25.83459	0.258082	1.333635	465.7438	1240.763	0.285278	0.504949	289.4862	71.65926	0.741356	100	1.6
2277.008	1632.508	336.355	25.57125	0.246964	1.37419	466.9498	1229.484	0.274729	0.485024	331.5409	87.30315	0.912193	100	2.4
2277.16	1632.66	336.3596	25.35177	0.225442	1.557006	469.5154	1227.379	0.254381	0.446398	412.9253	188.0974	1.981818	100	7.6
2277.312	1632.812	336.3642	25.54405	0.218958	1.543235	472.9312	1236.219	0.24829	0.438844	431.7552	248.1481	2.59551	100	10.6
2277.465	1632.965	336.3688	25.35346	0.231116	1.396221	476.3467	1255.689	0.259778	0.46476	380.1373	123.6885	1.303138	100	4.4
2277.617	1633.117	336.3734	25.16495	0.253376	1.186922	477.496	1277.037	0.2809	0.508322	290.875	72.08396	0.764963	100	1.7
2277.77	1633.27	336.3781	25.16132	0.263462	1.165323	476.7756	1294.529	0.290522	0.526565	252.4204	61.62987	0.654121	100	1.1
2277.922	1633.422	336.3827	25.16096	0.251694	1.380492	474.4689	1299.824	0.27934	0.503955	299.0532	74.68038	0.792654	100	1.9
2278.075	1633.575	336.3873	25.06178	0.246573	1.482204	472.4453	1297.823	0.274496	0.493236	320.53	82.49877	0.879002	100	2.3
2278.227	1633.727	336.3919	24.96274	0.242305	1.526224	472.0648	1288.421	0.270467	0.483956	338.8967	90.94266	0.972703	100	2.8
2278.379	1633.879	336.3965	24.82323	0.236913	1.584461	474.2338	1282.772	0.265379	0.470072	365.0769	108.3521	1.165234	100	3.7
2278.532	1634.032	336.4012	24.7155	0.23654	1.570562	476.4029	1281.187	0.265045	0.465683	371.5947	114.3308	1.234739	100	4
2278.684	1634.184	336.4058	24.52331	0.23478	1.615032	475.9659	1287.317	0.2634	0.460719	380.7166	124.3971	1.353682	100	4.6
2278.837	1634.337	336.4104	24.45524	0.231062	1.670621	474.0557	1297.511	0.259904	0.451918	397.6852	150.7781	1.645208	100	5.9
2278.989	1634.489	336.415	24.38768	0.238977	1.581795	471.7488	1300.304	0.267412	0.46997	362.4138	106.1465	1.16134	100	3.6
2279.141	1634.641	336.4196	24.40615	0.250028	1.463996	470.9152	1293.925	0.277914	0.493776	315.0682	80.34386	0.878398	100	2.2
2279.294	1634.794	336.4243	24.44676	0.245787	1.574942	470.7046	1276.706	0.273908	0.488811	327.4481	85.43694	0.932583	100	2.6
2279.446	1634.946	336.4289	24.65074	0.238219	1.740484	472.1372	1260.737	0.266753	0.477709	352.6431	99.01712	1.072144	100	3.3
2279.599	1635.099	336.4335	24.55967	0.227718	1.904216	471.1335	1252.377	0.256844	0.45788	393.6814	143.4145	1.558477	100	5.7
2279.751	1635.251	336.4381	24.4324	0.234568	1.732906	471.7162	1252.877	0.263337	0.472383	364.706	108.0372	1.179983	100	3.9
2279.903	1635.403	336.4427	24.54598	0.247873	1.491876	472.299	1259.528	0.275966	0.496956	313.3681	79.69915	0.866572	100	2.2
2280.056	1635.556	336.4473	24.60725	0.25134	1.455895	468.7456	1270.243	0.279279	0.502061	301.7505	75.57598	0.819762	100	2
2280.208	1635.708	336.452	24.75245	0.249364	1.468891	467.5719	1278.665	0.277421	0.49796	309.9744	78.44597	0.846058	100	2.1
2280.361	1635.861	336.4566	24.64277	0.230739	1.772804	466.5682	1281.562	0.259795	0.46106	385.2198	130.2783	1.411161	100	5
2280.513	1636.013	336.4612	24.51629	0.220919	1.971608	466.8109	1280.708	0.25055	0.442957	422.9614	221.795	2.414515	100	9.8
2280.666	1636.166	336.4658	24.46798	0.222114	1.959747	465.7507	1276.517	0.251695	0.44787	414.5997	193.3342	2.108739	100	8.4
2280.818	1636.318	336.4704	24.31213	0.225735	1.86226	463.9536	1270.243	0.25513	0.457483	396.595	148.6903	1.631913	100	6.1
2280.97	1636.47	336.475	24.34769	0.2246	1.887804	461.8168	1262.716	0.254078	0.457313	398.28	151.9446	1.66528	100	6.3
2281.123	1636.623	336.4797	24.55784	0.223496	1.854277	460.5298	1254.878	0.253057	0.455609	402.0404	159.7983	1.736815	100	6.6
2281.275	1636.775	336.4843	24.48146	0.221199	1.895861	459.5828	1250.687	0.250912	0.45122	411.0581	182.5648	1.990289	100	7.9
2281.427	1636.927	336.4889	24.29084	0.219754	1.862852	458.7489	1252.021	0.24957	0.44894	416.0555	198.1106	2.176251	100	8.8
2281.58	1637.08	336.4935	24.13175	0.223246	1.770393	459.105	1260.651	0.252881	0.456635	400.8687	157.2595	1.73859	100	6.6
2281.732	1637.232	336.4981	24.12118	0.2237	1.779151	461.5574	1280.539	0.253328	0.457233	399.4269	154.2507	1.70607	100	6.5
2281.885	1637.385	336.5028	24.22256	0.226796	1.59825	465.9362	1304.388	0.256268	0.462817	387.662	133.7682	1.473519	100	5.3
2282.037	1637.537	336.5074	24.29629	0.225661	1.665617	472.0147	1327.402	0.255217	0.460538	392.258	140.9883	1.548485	100	5.7
2282.189	1637.689	336.512	24.29607	0.235932	1.671968	477.1867	1345.415	0.264942	0.4807	351.0149	97.95551	1.075873	100	3.4
2282.342	1637.842	336.5166	24.54787	0.240549	1.89682	480.2057	1357.38	0.269333	0.488969	333.5426	88.25504	0.959679	100	2.9
2282.494	1637.994	336.5212	24.55464	0.249825	1.812513	481.0717	1364.656	0.278154	0.50587	298.0463	74.35133	0.808283	100	2.1
2282.646	1638.146	336.5258	24.39677	0.256997	1.748307	480.5213	1370.264	0.284993	0.518839	270.7116	66.30079	0.725301	100	1.7
2282.799	1638.299	336.5305	24.42618	0.253309	1.81957	479.2909	1367.428	0.281504	0.511669	285.4214	70.44084	0.769697	100	1.9
2282.951	1638.451	336.5351	24.47987	0.243835	2.064084	478.4006	1362.821	0.272528	0.494141	321.9968	83.101	0.906108	100	2.6
2283.104	1638.604	336.5397	24.59364	0.235873	2.285878	477.2835	1364.467	0.265003	0.479395	352.7308	99.07517	1.075443	100	3.6
2283.256	1638.756	336.5443	24.71499	0.235354	2.344774	478.3195	1372.681	0.264532	0.479417	353.3498	99.48806	1.074789	100	3.6
2283.409	1638.909	336.5489	24.84223	0.230289	2.416739	478.8454	1374.327	0.259764	0.470712	371.9437	114.6768	1.232732	100	4.4
2283.561	1639.061	336.5535	24.94908	0.224908	2.616169	479.3716	1363.882	0.254703	0.459514	394.3803	144.641	1.548395	100	6
2283.713	1639.213	336.5582	25.07266	0.227355	2.555098	479.3877	1353.959	0.257032	0.463468	385.7101	130.961	1.395266	100	5.2
2283.866	1639.366	336.5628	25.16375	0.226405	2.615004	479.1204	1346.433	0.256155	0.459846	391.9185	140.4236	1.490849	100	5.7
2284.018	1639.518	336.5674	25.25444	0.228656	2.550209	478.4568	1350.684	0.2583	0.462458	385.3545	130.465	1.380316	100	5.1
2284.171	1639.671	336.572	25.28991	0.23918	2.27299	476.9998	1354.312	0.268273	0.482715	343.6367	93.51611	0.988064	100	3.1
2284.323	1639.823	336.5766	25.37548	0.243364	2.182581	475.6561	1355.02	0.272257	0.490601	327.2549	85.35135	0.898863	100	2.7
2284.475	1639.975	336.5812	25.38023	0.247484	1.984847	474.4824	1356.666	0.276186	0.498775	310.5538	78.65688	0.828219	100	2.3
2284.628	1640.128	336.5859	25.22801	0.23696	2.241646	473.8186	1358.313	0.266229	0.478946	351.6584	98.37122	1.041861	100	3.4
2284.78	1640.28	336.5905	25.02553	0.225343	2.53161	474.2314	1362.982	0.255271	0.463336	388.3222	134.7512	1.438363	100	5.4
2284.933	1640.433	336.5951	24.98963	0.217134	2.826408	475.6071	1358.478	0.247555	0.45607	408.9975	176.8109	1.889964	100	7.8

2285.085	1640.585	336.5997	25.03316	0.218012	2.672799	477.8895	1356.267	0.248401	0.459545	403.0355	162.0235	1.728997	100	7
2285.237	1640.737	336.6043	24.94174	0.22968	2.301146	478.8123	1354.058	0.259424	0.481816	357.0889	102.0892	1.093302	100	3.8
2285.39	1640.89	336.609	25.11801	0.23356	2.149705	478.6017	1352.264	0.26311	0.483373	349.8539	97.21781	1.034062	100	3.4
2285.542	1641.042	336.6136	25.22874	0.238116	2.109518	477.0314	1348.386	0.267441	0.484738	341.9934	92.60149	0.980782	100	3.1
2285.695	1641.195	336.6182	25.15649	0.243863	1.979681	475.5178	1340.338	0.272907	0.494734	320.6554	82.54986	0.876761	100	2.5
2285.847	1641.347	336.6228	25.29533	0.251105	1.845932	474.9672	1335.417	0.279802	0.508854	291.6555	72.3246	0.764083	100	1.9
2286	1641.5	336.6275	25.39996	0.246746	1.954393	475.72	1332.79	0.275681	0.502451	306.1783	77.09358	0.811226	100	2.2
2286.152	1641.652	336.6321	25.47661	0.247764	1.990274	476.246	1332.872	0.276667	0.506405	299.3611	74.78155	0.784614	100	2.1
2286.304	1641.804	336.6367	25.35447	0.244931	2.025488	475.8654	1333.789	0.273998	0.500577	311.0865	78.85186	0.831184	100	2.3
2286.457	1641.957	336.6413	25.19062	0.243706	2.055175	474.975	1333.455	0.272856	0.497051	317.5293	81.29846	0.862379	100	2.5
2286.609	1642.109	336.6459	25.21844	0.24079	2.044189	474.5378	1332.703	0.270111	0.489689	331.4764	87.27295	0.924773	100	2.8
2286.761	1642.261	336.6505	25.41837	0.25638	1.693817	475.3472	1334.454	0.284935	0.517139	273.1383	66.95754	0.704108	100	1.6
2286.914	1642.414	336.6551	25.43583	0.253574	1.705132	476.9497	1339.54	0.282286	0.511311	284.8368	70.26851	0.738442	100	1.7
2287.066	1642.566	336.6597	25.44679	0.257386	1.728214	478.7789	1349.837	0.285932	0.518238	270.2448	66.17557	0.695146	100	1.5
2287.219	1642.719	336.6644	25.44522	0.24947	1.86031	480.0414	1356.383	0.278424	0.50119	304.1327	76.38483	0.802446	100	2.1
2287.371	1642.871	336.669	25.48054	0.254277	1.767621	480.9074	1358.966	0.283013	0.507542	289.0349	71.52221	0.750362	100	1.8
2287.523	1643.023	336.6736	25.36304	0.245267	2.027299	481.3769	1359.154	0.274474	0.489726	325.4044	84.54233	0.890945	100	2.6
2287.676	1643.176	336.6782	25.19207	0.242455	2.138532	480.5996	1359.757	0.271827	0.484474	336.305	89.61478	0.950615	100	2.9
2287.828	1643.328	336.6828	25.36928	0.231218	2.450047	480.1624	1360.674	0.26121	0.465795	376.7332	119.7253	1.261442	100	4.5
2287.981	1643.481	336.6875	25.39878	0.221136	2.729529	479.2155	1360.339	0.251716	0.450282	411.244	183.1017	1.927034	100	7.8
2288.133	1643.633	336.6921	25.39583	0.220828	2.746703	478.6084	1360.421	0.251445	0.451263	410.2634	180.3032	1.897813	100	7.7
2288.285	1643.785	336.6967	25.3713	0.211785	3.154003	477.4914	1362.588	0.242956	0.43316	446.9605	291.0206	3.066084	100	13.7
2288.438	1643.938	336.7013	25.33661	0.215853	2.930036	479.0938	1368.404	0.2468	0.437401	435.8023	259.8832	2.741688	100	11.9
2288.59	1644.09	336.7059	25.25636	0.228516	2.478965	480.1864	1375.157	0.258755	0.457947	390.9521	138.8444	1.469286	100	5.5
2288.743	1644.243	336.7106	25.18302	0.239024	2.045124	481.0523	1379.722	0.268712	0.478012	349.5201	97.00858	1.029474	100	3.2
2288.895	1644.395	336.7152	25.12459	0.242119	2.058233	480.1053	1374.175	0.271664	0.484364	336.6812	89.80429	0.955177	100	2.9
2289.047	1644.547	336.7198	25.05179	0.240102	2.087513	479.1015	1371.861	0.269773	0.481222	343.628	93.51121	0.997415	100	3.1
2289.2	1644.7	336.7244	24.99525	0.23295	2.279781	477.8144	1360.06	0.263023	0.468009	371.1758	113.9194	1.21777	100	4.2
2289.352	1644.852	336.729	24.94589	0.225832	2.531769	478.1704	1355.66	0.256319	0.453359	400.6452	156.7848	1.679221	100	6.5
2289.505	1645.005	336.7337	25.04618	0.236416	2.158482	479.5465	1366.27	0.266341	0.474096	358.1982	102.8984	1.097812	100	3.6
2289.657	1645.157	336.7383	25.19952	0.250362	1.937585	481.0355	1388.867	0.279585	0.499628	304.6868	76.57548	0.812165	100	2.1
2289.81	1645.31	336.7429	25.30071	0.244505	2.139593	482.2415	1408.754	0.274044	0.486128	330.9622	87.03294	0.919511	100	2.7
2289.962	1645.462	336.7475	25.33454	0.246806	2.203627	482.6543	1421.032	0.276247	0.491425	320.6132	82.53265	0.870846	100	2.5
2290.114	1645.614	336.7521	25.42047	0.245945	2.335696	482.7837	1418.614	0.27545	0.491447	321.6824	82.97104	0.872615	100	2.6
2290.267	1645.767	336.7567	25.39497	0.258775	2.027608	483.0264	1418.696	0.287665	0.515924	271.047	66.39101	0.698927	100	1.6
2290.419	1645.919	336.7613	25.34445	0.26661	1.880994	483.8357	1421.07	0.295152	0.529948	241.3617	59.01264	0.622456	100	1.2
2290.571	1646.071	336.766	25.33868	0.276477	1.731542	485.2682	1430.326	0.304598	0.545986	206.1948	51.51134	0.543459	100	0.8
2290.724	1646.224	336.7706	25.15066	0.262744	2.116677	486.1342	1432.909	0.291505	0.517141	264.0681	64.54985	0.685955	100	1.6
2290.876	1646.376	336.7752	24.96667	0.264026	2.155384	486.7168	1431.115	0.292747	0.519657	258.8825	63.2276	0.676709	100	1.5
2291.029	1646.529	336.7798	25.01353	0.26757	2.087595	487.5829	1422.859	0.296147	0.527543	243.3078	59.46315	0.63527	100	1.3
2291.181	1646.681	336.7844	24.92865	0.263706	2.057695	488.8452	1420.855	0.29248	0.518934	260.2481	63.57223	0.681417	100	1.5
2291.333	1646.833	336.789	24.87895	0.246743	2.554643	491.0143	1423.023	0.276363	0.483377	331.5582	87.31131	0.937694	100	2.9
2291.486	1646.986	336.7937	24.88026	0.244367	2.59389	492.6169	1431.444	0.274129	0.478316	341.6256	92.40014	0.992306	100	3.1
2291.638	1647.138	336.7983	24.84731	0.244898	2.678641	493.2562	1433.402	0.274652	0.479969	338.6234	90.80015	0.976387	100	3.1
2291.791	1647.291	336.8029	24.85699	0.25794	2.264495	493.0458	1428.898	0.287066	0.505309	286.5228	70.76747	0.760692	100	1.9
2291.943	1647.443	336.8075	24.85049	0.261065	2.163716	493.1183	1415.429	0.290061	0.510414	275.3441	67.56296	0.726438	100	1.7
2292.095	1647.595	336.8121	24.73281	0.259172	2.08561	493.5878	1404.462	0.288278	0.503915	286.7735	70.84219	0.76522	100	1.9
2292.248	1647.748	336.8168	24.76346	0.261576	1.991287	494.6803	1404.544	0.290587	0.505184	281.8356	69.39462	0.748691	100	1.8
2292.4	1647.9	336.8214	24.71142	0.260113	2.062244	495.0363	1418.802	0.289213	0.500028	290.8482	72.07573	0.779214	100	1.9
2292.553	1648.053	336.826	24.67162	0.288354	1.611727	494.8825	1435.979	0.316227	0.553467	179.8228	46.56513	0.504211	100	0.5
2292.705	1648.205	336.8306	24.57774	0.279315	1.794235	494.3319	1445.233	0.307586	0.538816	211.9644	52.66587	0.572391	100	0.9
2292.857	1648.357	336.8352	24.49324	0.260484	2.176393	494.0648	1438.227	0.289625	0.506807	280.9234	69.13252	0.753882	100	1.9
2293.01	1648.51	336.8399	24.6622	0.232527	2.957402	493.9676	1430.805	0.263112	0.451974	393.1819	142.5522	1.544185	100	5.8
2293.162	1648.662	336.8445	24.50407	0.244313	2.595135	493.8704	1430.469	0.274293	0.477986	341.8562	92.52625	1.008575	100	3.2
2293.315	1648.815	336.8491	24.4782	0.256069	2.29419	493.7732	1444.31	0.285481	0.500161	295.8149	73.63182	0.80345	100	2.1
2293.467	1648.967	336.8537	24.44706	0.258343	2.301531	493.6759	1449.604	0.287664	0.502389	289.7267	71.7325	0.783702	100	2
2293.619	1649.119	336.8583	24.51137	0.257218	2.324615	494.2019	1455.941	0.286613	0.500685	293.5297	72.90834	0.794525	100	2.1
2293.772	1649.272	336.8629	24.57434	0.270137	2.002289	494.8411	1453.521	0.298949	0.527464	239.5505	58.59702	0.636983	100	1.3
2293.924	1649.424	336.8675	24.66441	0.267081	2.129344	495.1973	1446.723	0.296052	0.520485	253.1798	61.81489	0.669586	100	1.5
2294.077	1649.577	336.8722	24.69277	0.272236	2.044446	494.8733	1441.801	0.300993	0.528083	235.8747	57.76422	0.625017	100	1.2
2294.229	1649.729	336.8768	24.80319	0.27266	1.984723	494.1528	1439.589	0.301417	0.527914	235.5238	57.68544	0.621473	100	1.2
2294.381	1649.881	336.8814	24.82938	0.273926	1.953754	493.4325	1440.088	0.302647	0.52995	231.0171	56.68481	0.610074	100	1.1
2294.534	1650.034	336.886	24.83582	0.262818	2.223508	493.1085	1441.212	0.292064	0.508202	275.6329	67.64285	0.727834	100	1.7
2294.686	1650.186	336.8906	24.85529	0.272758	2.01965	493.0111	1441.919	0.30157	0.527788	235.4858	57.67693	0.620136	100	1.2
2294.839	1650.339	336.8953	24.78518	0.268481	2.129668	493.0274	1439.083	0.297505	0.519755	252.1819	61.57192	0.663838	100	1.4
2294.991	1650.491	336.8999	24.66377	0.251968	2.523221	493.0433	1433.535	0.281795	0.487171	318.8275	81.81267	0.886287	100	2.6
2295.144	1650.644	336.9045	24.6068	0.241642	2.917382	493.0595	1424.028	0.272014	0.465327	362.4697	106.1915	1.152985	100	3.9
2295.296	1650.796	336.9091	24.5464	0.244475	2.716961	493.0755	1421.816	0.274719	0.470528	351.5593	98.30688	1.069938	100	3.5
2295.448	1650.948	336.9137	24.50629	0.25177	2.503433	493.2048	1424.816	0.281665	0.48436	322.8859	83.47126	0.909926	100	2.7
2295.601	1651.101	336.9184	24.57855	0.252943	2.421231	493.6177	1434.071	0.2828	0.48515	320.2304	82.37704	0.895442	100	2.6
2295.753	1651.253	336.923	24.58976	0.246631	2.746536	494.4268	1441.449	0.276823	0.471745	346.976	95.45441	1.037144	100	3.3
2295.905	1651.405	336.9276	24.6024	0.250432	2.713375	495.3495	1448.201	0.280452	0.480303	330.1577	86.66082	0.941138	100	2.9
2296.058	1651.558	336.9322	24.63048	0.240746	3.091424	495.8188	1456.83	0.271281	0.459131	372.0323	114.765	1.244982	100	4.4
2296.21	1651.71	336.9368	24.62123	0.236757	3.168702	496.118	1459.205	0.267523	0.449275	390.8192	138.6305	1.504441	100	5.6
2296.363	1651.863	336.9414	24.61504	0.248632	2.738028	496.2475	1457.202	0.278801	0.473273	342.1386	92.6813	1.006048	100	3.2
2296.515	1652.015	336.9461	24.61634	0.258529	2.437058	496.207	1447.799	0.288231	0.491996	303.2867	76.09561	0.825977	100	2.2
2296.667	1652.167	336.9507	24.61764	0.259918	2.502862	495.4298	1439.02	0.289573	0.494895	297.434	74.15258	0.804853	100	2.1
2296.82	1652.32	336.9553	24.61894	0.257381	2.610976	493.8596	1431.805	0.287177	0.490697	306.5336	77.21808	0.838092	100	2.3
2296.972	1652.472	336.9599	24.60369	0.25596	2.821979	492.5158	1429.384	0.285844	0.491583	307.1509	77.43537	0.840964	100	2.4
2297.125	1652.625	336.9645	24.59994	0.251231	2.864471	491.2287	1435.407	0.281367	0.487098	319.5186	82.08954	0.89165	100	2.7

2297.277	1652.777	336.9691	24.59863	0.266015	2.394046	491.2448	1437.053	0.295463	0.517616	257.9511	62.994	0.684278	100	1.6
2297.429	1652.929	336.9737	24.53529	0.268587	2.323982	492.2807	1434.424	0.297937	0.521858	248.6828	60.72946	0.66134	100	1.5
2297.582	1653.082	336.9784	24.53658	0.278379	2.214271	492.9767	1425.124	0.307315	0.540198	210.4329	52.35671	0.570138	100	1
2297.734	1653.234	336.983	24.62102	0.268733	2.547603	493.3326	1420.411	0.298115	0.521423	249.0381	60.81435	0.660037	100	1.5
2297.887	1653.387	336.9876	24.60534	0.260542	2.765	493.1222	1418.199	0.290324	0.506676	280.1397	68.90861	0.748357	100	2
2298.039	1653.539	336.9922	24.71573	0.240094	3.279759	492.6849	1418.28	0.270917	0.467475	361.0197	105.0408	1.13582	100	4
2298.191	1653.691	336.9968	24.74499	0.250165	2.887143	491.6812	1418.362	0.280491	0.488883	318.2639	81.58849	0.881223	100	2.7
2298.344	1653.844	337.0015	24.5904	0.23958	3.362434	490.7339	1416.358	0.270468	0.466944	362.3717	106.1127	1.153112	100	4.1
2298.496	1653.996	337.0061	24.6113	0.253763	2.968306	489.5037	1412.063	0.28395	0.496696	302.7093	75.89947	0.824117	100	2.4
2298.649	1654.149	337.0107	24.62794	0.240723	3.433002	488.1599	1403.596	0.27159	0.471687	354.2776	100.116	1.086358	100	3.8
2298.801	1654.301	337.0153	24.69595	0.258595	2.715507	487.4959	1401.175	0.288586	0.507864	280.8989	69.12549	0.748081	100	2
2298.953	1654.453	337.0199	24.70495	0.2603	2.554854	487.2289	1403.758	0.290229	0.510955	274.3655	67.29336	0.728003	100	1.9
2299.106	1654.606	337.0246	24.6525	0.274775	2.233023	487.3582	1412.387	0.304062	0.538118	217.7923	53.8606	0.583892	100	1.1
2299.258	1654.758	337.0292	24.59838	0.284063	1.989248	487.7141	1416.846	0.312971	0.554731	182.5715	47.0567	0.511228	100	0.7
2299.411	1654.911	337.0338	24.59603	0.281861	2.056524	488.8067	1419.012	0.310881	0.549478	192.7038	48.91571	0.531479	100	0.8
2299.563	1655.063	337.0384	24.54238	0.268985	2.31114	490.2959	1419.093	0.298589	0.523511	245.5023	59.97619	0.653044	100	1.4
2299.715	1655.215	337.043	24.53237	0.26842	2.392127	492.2384	1419.384	0.29807	0.521424	249.0997	60.82906	0.662599	100	1.5
2299.868	1655.368	337.0477	24.50692	0.259647	2.59233	493.1609	1419.881	0.289724	0.50332	285.5986	70.49322	0.768652	100	2
2300.02	1655.52	337.0523	24.51186	0.257516	2.74696	493.5735	1420.797	0.287715	0.498931	294.4292	73.19155	0.797926	100	2.2
2300.173	1655.673	337.0569	24.56623	0.273634	2.292089	493.363	1423.38	0.303108	0.530792	229.2173	56.2908	0.612362	100	1.2
2300.325	1655.825	337.0615	24.56753	0.272019	2.219379	492.8691	1427.838	0.301584	0.527842	235.3928	57.65608	0.627188	100	1.3
2300.478	1655.978	337.0661	24.53738	0.264598	2.319339	491.752	1436.467	0.29452	0.51367	264.6967	64.7127	0.704798	100	1.7
2300.63	1656.13	337.0707	24.52547	0.258045	2.456897	490.8615	1441.342	0.288296	0.501801	289.6666	71.71417	0.781429	100	2.1
2300.782	1656.282	337.0753	24.48757	0.2659	2.287119	490.0843	1444.342	0.2958	0.518701	255.9875	62.50522	0.682115	100	1.6
2300.935	1656.435	337.08	24.44664	0.268565	2.237583	490.2137	1442.547	0.298363	0.523711	245.5386	59.98472	0.655681	100	1.4
2301.087	1656.587	337.0846	24.38236	0.263455	2.393938	490.9096	1437	0.293508	0.512704	267.4274	65.42689	0.717009	100	1.7
2301.24	1656.74	337.0892	24.43326	0.263537	2.567327	492.1722	1425.198	0.293605	0.511671	268.7184	65.76842	0.719299	100	1.8
2301.392	1656.892	337.0938	24.47864	0.269311	2.360145	492.1316	1416.314	0.299134	0.521667	247.295	60.39935	0.659394	100	1.5
2301.544	1657.044	337.0984	24.55293	0.275007	2.228578	490.8444	1408.057	0.304595	0.531567	226.097	55.61508	0.605383	100	1.2
2301.697	1657.197	337.1031	24.51956	0.273876	2.100891	489.3875	1408.555	0.303533	0.528233	232.1626	56.93724	0.620601	100	1.2
2301.849	1657.349	337.1077	24.41253	0.269703	2.13796	488.4969	1412.388	0.299567	0.520007	248.9879	60.80234	0.665561	100	1.4
2302.001	1657.501	337.1123	24.41263	0.255827	2.468493	487.8898	1409.342	0.28636	0.492985	304.5036	76.51236	0.837532	100	2.3
2302.154	1657.654	337.1169	24.41467	0.241809	2.792625	487.6793	1399.833	0.273067	0.46347	363.5802	107.097	1.172239	100	4
2302.306	1657.806	337.1215	24.47631	0.234663	3.027517	487.5819	1389.491	0.266319	0.446805	395.8894	147.3728	1.609147	100	6
2302.458	1657.958	337.1261	24.44801	0.236615	2.831668	487.5981	1394.783	0.268186	0.451718	386.5329	132.1267	1.444315	100	5.2
2302.611	1658.111	337.1308	24.44086	0.268698	1.898457	487.614	1399.868	0.298704	0.519351	251.0848	61.3062	0.670353	100	1.4
2302.763	1658.263	337.1354	24.42715	0.279571	1.645761	487.3468	1407.662	0.309117	0.541622	205.9805	51.46898	0.5631	100	0.8
2302.916	1658.416	337.14	24.34104	0.280101	1.628612	486.6829	1406.075	0.309643	0.543754	202.3126	50.74978	0.557148	100	0.8
2303.068	1658.568	337.1446	24.2377	0.262021	1.949309	485.226	1408.45	0.292394	0.511649	270.4208	66.22274	0.730038	100	1.7
2303.221	1658.721	337.1492	24.17865	0.258297	2.002312	483.8821	1411.761	0.288866	0.508411	279.7577	68.79989	0.760259	100	1.9
2303.373	1658.873	337.1539	24.24849	0.252792	2.187077	482.7083	1409.549	0.283648	0.501048	297.1186	74.05057	0.815995	100	2.2
2303.525	1659.025	337.1585	24.39431	0.245576	2.358194	481.9312	1398.998	0.276814	0.489946	321.8718	83.04926	0.909841	100	2.7
2303.678	1659.178	337.1631	24.37799	0.236473	2.691474	481.6073	1392.72	0.268207	0.473281	356.7468	101.8432	1.116475	100	3.8
2303.83	1659.33	337.1677	24.38504	0.248271	2.42448	481.51	1391.655	0.279411	0.496799	308.8298	78.03292	0.855218	100	2.5
2303.983	1659.483	337.1723	24.39714	0.245354	2.514502	481.7527	1395.488	0.276661	0.491355	320.1375	82.33939	0.90199	100	2.7
2304.135	1659.635	337.1769	24.35089	0.240396	2.715273	482.2219	1397.653	0.27198	0.481979	339.5369	91.27893	1.001775	100	3.3
2304.287	1659.787	337.1815	24.27008	0.236256	2.852635	483.1447	1398.672	0.268079	0.473753	356.2717	101.5044	1.117618	100	3.9
2304.44	1659.94	337.1862	24.24314	0.235694	2.97036	483.5005	1398.753	0.267567	0.472337	358.9328	103.4444	1.140221	100	4
2304.592	1660.092	337.1908	24.20475	0.241159	2.665951	483.5166	1398.833	0.272761	0.482429	337.8385	90.39411	0.997922	100	3.2
2304.745	1660.245	337.1954	24.27461	0.242778	2.507079	482.966	1398.915	0.274315	0.484369	333.0159	88.00199	0.968802	100	3
2304.897	1660.397	337.2	24.2035	0.249239	2.255664	482.5287	1398.995	0.280466	0.494652	310.3366	78.57768	0.867534	100	2.5
2305.049	1660.549	337.2046	24.37064	0.263339	2.028341	481.9783	1399.076	0.293902	0.518746	258.546	63.14308	0.692482	100	1.5
2305.202	1660.702	337.2093	24.55649	0.261865	2.083845	481.7676	1401.449	0.292517	0.514452	266.3824	65.15225	0.709265	100	1.6
2305.354	1660.854	337.2139	24.49695	0.253443	2.308399	481.9536	1402.885	0.284519	0.498171	299.8878	74.95527	0.817919	100	2.2
2305.507	1661.007	337.2185	24.58522	0.245798	2.525811	482.5362	1406.614	0.277276	0.486589	325.8655	84.74211	0.921495	100	2.8
2305.659	1661.159	337.2231	24.53106	0.238206	2.602155	483.6854	1400.232	0.2701	0.477788	347.9143	96.01945	1.046377	100	3.5
2305.812	1661.312	337.2278	24.59917	0.227002	2.908885	484.2681	1400.104	0.259527	0.458055	389.7374	136.9177	1.488067	100	5.7
2305.964	1661.464	337.2324	24.6734	0.216767	3.240429	484.5674	1399.038	0.2499	0.436403	432.9021	251.4983	2.725403	100	11.8
2306.116	1661.616	337.237	24.75491	0.221904	3.231476	484.5834	1400.682	0.254757	0.445152	414.1249	191.8218	2.072079	100	8.6
2306.269	1661.769	337.2416	24.78885	0.227253	3.042755	484.5995	1402.848	0.259822	0.452559	396.9149	149.2962	1.610584	100	6.3
2306.421	1661.921	337.2462	24.85328	0.230802	2.994191	484.3322	1407.722	0.263193	0.457664	385.2183	130.2762	1.401875	100	5.2
2306.573	1662.073	337.2508	24.88017	0.234754	2.831516	483.7816	1414.057	0.266948	0.464782	370.2116	112.9872	1.214567	100	4.3
2306.726	1662.226	337.2554	24.87629	0.247197	2.43488	482.6646	1413.408	0.278759	0.489355	320.0019	82.28448	0.884668	100	2.6
2306.878	1662.378	337.2601	24.84044	0.250227	2.353539	482.1138	1402.96	0.281657	0.49494	308.2972	77.84233	0.83809	100	2.4
2307.031	1662.531	337.2647	24.95263	0.257085	2.109167	481.8467	1391.263	0.288197	0.508484	280.5806	69.03444	0.740023	100	1.8
2307.183	1662.683	337.2693	25.02395	0.254647	2.127382	481.8627	1378.313	0.285897	0.504191	289.6799	71.71824	0.766673	100	2
2307.335	1662.835	337.2739	24.91584	0.244685	2.44987	481.8788	1372.87	0.276454	0.485416	328.6202	85.96094	0.922807	100	2.8
2307.488	1662.988	337.2785	24.80516	0.232137	2.697795	481.8948	1372.845	0.26459	0.461175	378.4442	121.6754	1.31188	100	4.8
2307.64	1663.14	337.2831	24.70885	0.220345	3.077488	481.9108	1375.844	0.253482	0.439523	423.6528	223.9105	2.423321	100	10.2
2307.792	1663.292	337.2877	24.67964	0.21589	3.0899	481.9268	1379.469	0.249307	0.435038	435.6038	259.3131	2.809728	100	12.2
2307.945	1663.445	337.2924	24.87127	0.207413	3.425913	481.9429	1381.426	0.241363	0.420771	466.2551	340.9581	3.66676	100	17
2308.097	1663.597	337.297	25.07627	0.21673	3.041865	481.619	1381.089	0.250136	0.443809	422.3553	219.9343	2.346489	100	10
2308.25	1663.75	337.3016	25.16219	0.228149	2.606833	480.9551	1385.443	0.260919	0.467423	374.8875	117.7108	1.251715	100	4.6
2308.402	1663.902	337.3062	25.18276	0.238305	2.370927	479.9513	1391.673	0.270542	0.485763	336.3001	89.61229	0.952174	100	3
2308.555	1664.055	337.3109	25.21124	0.239937	2.298762	479.9673	1393.421	0.272107	0.486648	332.9188	87.95551	0.933556	100	2.9
2308.707	1664.207	337.3155	25.24536	0.240861	2.284071	481.0031	1389.019	0.273002	0.485519	333.2418	88.11031	0.933982	100	2.9
2308.859	1664.359	337.3201	25.2774	0.240438	2.240193	481.6992	1379.614	0.272621	0.485062	334.3984	88.67045	0.938774	100	2.9
2309.012	1664.512	337.3247	25.46221	0.235584	2.315149	482.0551	1374.066	0.268044	0.479138	348.8893	96.61662	1.015716	100	3.3
2309.164	1664.664	337.3293	25.49781	0.237288	2.326714	482.0711	1375.605	0.269676	0.48338	340.7833	91.94348	0.96529	100	3.1
2309.317	1664.817	337.334	25.51755	0.240473	2.275713	482.2004	1381.835	0.272712	0.487909	330.343	86.74618	0.910051	100	2.8

2309.469	1664.969	337.3386	25.58103	0.240814	2.26499	482.3297	1393.277	0.273054	0.487643	330.2379	86.69772	0.907366	100	2.8
2309.621	1665.121	337.3432	25.59457	0.242666	2.244025	482.5724	1399.299	0.274829	0.491118	322.9937	83.51642	0.873631	100	2.6
2309.774	1665.274	337.3478	25.68092	0.239935	2.403008	482.1351	1395.001	0.27226	0.485865	333.7869	88.37314	0.921435	100	2.9
2309.926	1665.426	337.3524	25.88969	0.234687	2.761283	481.3013	1379.655	0.267311	0.475818	354.4818	100.2558	1.037184	100	3.5
2310.079	1665.579	337.357	26.01275	0.233687	2.880768	479.6176	1353.259	0.266385	0.473922	358.3769	103.0305	1.061024	100	3.7
2310.231	1665.731	337.3616	26.26123	0.225358	2.99471	477.5939	1333.43	0.258537	0.456969	392.602	141.566	1.444551	100	5.6
2310.383	1665.883	337.3663	26.13996	0.216955	2.854379	475.6269	1323.921	0.250639	0.442702	423.1896	222.4938	2.28054	100	9.7
2310.536	1666.036	337.3709	25.98776	0.218321	2.71196	473.6599	1321.707	0.251944	0.452026	408.5214	175.5314	1.80938	100	7.4
2310.688	1666.188	337.3755	26.0492	0.234231	2.241767	471.9761	1319.285	0.266976	0.485326	341.8223	92.50765	0.951405	100	3.1
2310.841	1666.341	337.3801	26.08893	0.237135	2.189661	471.199	1314.571	0.269743	0.489185	332.6794	87.84124	0.902091	100	2.8
2310.993	1666.493	337.3847	26.07172	0.226487	2.465699	471.1016	1307.354	0.259698	0.466862	377.3475	120.416	1.23742	100	4.5
2311.146	1666.646	337.3894	25.99688	0.222904	2.440704	471.5709	1307.851	0.256338	0.458061	394.1295	144.1982	1.485949	100	5.7
2311.298	1666.798	337.394	25.98354	0.222841	2.30427	472.72	1315.228	0.256298	0.455877	397.1984	149.8377	1.544844	100	6
2311.45	1666.95	337.3986	25.93466	0.232172	1.965837	473.9825	1320.519	0.265126	0.472298	362.3543	106.0987	1.095893	100	3.6
2311.603	1667.103	337.4032	25.91553	0.234149	1.962014	475.3018	1323.726	0.267015	0.474334	356.938	101.9805	1.054118	100	3.4
2311.755	1667.255	337.4078	25.94224	0.241887	1.796461	475.8843	1324.223	0.274361	0.488166	327.7122	85.55431	0.883457	100	2.5
2311.907	1667.407	337.4124	25.93402	0.24841	1.740493	475.787	1324.303	0.280569	0.500847	301.6451	75.54058	0.780299	100	2
2312.06	1667.56	337.4171	26.06405	0.250717	1.671099	475.1231	1323.966	0.28278	0.506911	290.2264	71.88507	0.738965	100	1.8
2312.212	1667.712	337.4217	26.2347	0.260354	1.526567	473.7793	1323.212	0.291967	0.526881	249.99	61.04249	0.623566	100	1.2
2312.365	1667.865	337.4263	26.3638	0.246379	1.767118	473.1154	1322.876	0.278699	0.503023	301.223	75.39916	0.766588	100	2
2312.517	1668.017	337.4309	26.35881	0.225862	2.385188	472.6215	1322.746	0.259302	0.464301	381.4279	125.2815	1.27399	100	4.7
2312.669	1668.169	337.4355	26.4263	0.220606	2.514102	472.1843	1320.951	0.254366	0.452623	404.3553	165.0764	1.674542	100	6.7
2312.822	1668.322	337.4402	26.51996	0.229975	2.252504	471.2938	1316.86	0.263224	0.470387	367.6174	110.5787	1.117902	100	3.9
2312.974	1668.474	337.4448	26.59328	0.236772	2.028573	470.7999	1309.019	0.269671	0.482589	341.8824	92.54062	0.933064	100	2.9
2313.127	1668.627	337.4494	26.67931	0.249753	1.739435	471.3258	1306.389	0.281999	0.507161	290.9582	72.10955	0.724808	100	1.8
2313.279	1668.779	337.454	26.68322	0.251364	1.654928	473.1548	1309.387	0.283549	0.510732	283.8922	69.99151	0.703426	100	1.6
2313.431	1668.931	337.4586	26.68503	0.259786	1.506723	475.4371	1317.805	0.291581	0.526002	251.7352	61.46355	0.617683	100	1.2
2313.584	1669.084	337.4632	26.61135	0.258495	1.611489	476.8695	1322.68	0.290371	0.521901	259.0652	63.27356	0.637577	100	1.3
2313.736	1669.236	337.4679	26.62296	0.255522	1.739709	477.4523	1324.636	0.28756	0.515401	271.9127	66.62466	0.671068	100	1.5
2313.889	1669.389	337.4725	26.69166	0.244208	1.983176	476.9016	1324.298	0.276832	0.493846	316.4646	80.88231	0.812662	100	2.3
2314.041	1669.541	337.4771	26.69534	0.232685	2.177879	476.5776	1324.17	0.26594	0.471618	362.1695	105.9504	1.064401	100	3.6
2314.193	1669.693	337.4817	26.69646	0.240185	1.978006	476.3671	1324.458	0.273058	0.487272	330.7447	86.93194	0.87331	100	2.6
2314.346	1669.846	337.4863	26.69681	0.239674	1.979729	476.3831	1324.121	0.272592	0.486719	332.1505	87.59023	0.87992	100	2.6
2314.498	1669.998	337.4909	26.8506	0.245527	1.856084	476.399	1323.992	0.278161	0.498057	308.8185	78.02886	0.779545	100	2.1
2314.651	1670.151	337.4956	26.86793	0.229074	2.141859	476.6984	1324.072	0.262604	0.465569	375.1208	117.9606	1.17776	100	4.1
2314.803	1670.303	337.5002	26.81486	0.228836	2.160418	477.2809	1324.568	0.262399	0.464728	376.5647	119.5376	1.195793	100	4.2
2314.956	1670.456	337.5048	26.80826	0.231483	2.023833	478.2602	1325.482	0.264919	0.469161	366.969	109.9985	1.100641	100	3.7
2315.108	1670.608	337.5094	26.7431	0.234639	1.956263	478.2761	1325.978	0.267922	0.474074	356.0448	101.3437	1.016432	100	3.3
2315.26	1670.76	337.514	26.53433	0.233516	2.031353	477.1588	1326.057	0.26688	0.47237	359.835	104.1261	1.052274	100	3.5
2315.413	1670.913	337.5187	26.32392	0.23739	1.965565	475.3619	1325.721	0.270564	0.483133	339.8975	91.46984	0.931513	100	2.8
2315.565	1671.065	337.5233	26.16481	0.239136	1.961565	473.6782	1322.673	0.272237	0.488622	330.0149	86.59518	0.887059	100	2.6
2315.717	1671.217	337.5279	26.19585	0.239507	2.013113	473.3542	1317.75	0.272607	0.490274	327.2237	85.33755	0.873183	100	2.6
2315.87	1671.37	337.5325	26.26334	0.229013	2.174946	473.9934	1308.448	0.262701	0.469485	369.5828	112.3902	1.147144	100	4
2316.022	1671.522	337.5371	26.29846	0.234381	1.894527	475.4825	1303.941	0.267794	0.478138	350.6137	97.69883	0.995915	100	3.2
2316.175	1671.675	337.5418	26.1439	0.256616	1.436958	476.0085	1302.145	0.28891	0.519494	264.4017	64.63619	0.662653	100	1.3
2316.327	1671.827	337.5464	26.35235	0.253706	1.460101	475.7978	1303.057	0.286161	0.513666	276.2383	67.81077	0.689892	100	1.5
2316.479	1671.979	337.551	26.41042	0.247612	1.634871	474.6806	1304.805	0.280391	0.502659	299.3911	74.79146	0.759303	100	1.9
2316.632	1672.132	337.5556	26.55955	0.233661	1.889006	473.9034	1305.718	0.26719	0.477364	352.516	98.93308	0.99896	100	3.2
2316.784	1672.284	337.5602	26.61412	0.228115	2.008111	473.9193	1308.091	0.261969	0.467795	372.9257	115.6655	1.165613	100	4.1
2316.937	1672.437	337.5648	26.55565	0.225504	2.059862	474.7287	1311.923	0.259524	0.46331	382.4888	126.6307	1.278837	100	4.6
2317.089	1672.589	337.5694	26.49394	0.231202	2.010471	475.5378	1319.507	0.264923	0.474553	359.5233	103.8891	1.05154	100	3.5
2317.241	1672.741	337.5741	26.43044	0.244949	1.797072	475.4406	1323.34	0.27796	0.499989	306.4313	77.18221	0.783038	100	2.1
2317.394	1672.894	337.5787	26.31151	0.254652	1.695913	474.6632	1325.295	0.287196	0.517465	269.5686	65.99475	0.672466	100	1.5
2317.546	1673.046	337.5833	26.10921	0.252605	1.752486	474.6792	1325.374	0.285269	0.513171	278.1534	68.34621	0.701647	100	1.6
2317.699	1673.199	337.5879	26.11421	0.251869	1.703436	475.8284	1325.662	0.284588	0.511179	281.8407	69.39609	0.7123	100	1.7
2317.851	1673.351	337.5925	26.24177	0.256543	1.635094	476.9207	1328.243	0.289053	0.518969	264.9299	64.77327	0.661733	100	1.4
2318.003	1673.503	337.5971	26.29374	0.252746	1.647737	477.9	1333.325	0.28546	0.511319	280.4442	68.99545	0.703527	100	1.6
2318.156	1673.656	337.6018	26.39552	0.247036	1.796993	478.3692	1342.161	0.280056	0.500792	302.4302	75.805	0.770091	100	2
2318.308	1673.808	337.6064	26.31866	0.242779	1.915263	477.4221	1344.325	0.276036	0.493046	318.6664	81.74846	0.832819	100	2.3
2318.461	1673.961	337.611	26.41711	0.243756	1.87941	475.6817	1339.609	0.276982	0.495753	313.6254	79.79599	0.81001	100	2.2
2318.613	1674.113	337.6156	26.28953	0.236555	2.078755	473.0348	1325.929	0.270178	0.482733	340.983	92.05117	0.9388	100	2.9
2318.765	1674.265	337.6202	26.08147	0.238147	1.922589	471.7477	1312.458	0.271705	0.48707	332.8908	87.94212	0.903816	100	2.7
2318.918	1674.418	337.6249	26.08445	0.231745	1.977806	471.9336	1308.368	0.265668	0.474529	358.528	103.1425	1.05993	100	3.5
2319.07	1674.57	337.6295	26.29686	0.237759	1.78693	473.7626	1313.659	0.271376	0.484237	337.2535	90.09467	0.918625	100	2.7
2319.223	1674.723	337.6341	26.45978	0.232507	1.922133	476.1015	1325.412	0.266427	0.4716	361.523	105.4363	1.068667	100	3.5
2319.375	1674.875	337.6387	26.33121	0.241079	1.800941	477.8739	1334.456	0.27456	0.486391	329.8879	86.53695	0.881254	100	2.5
2319.527	1675.027	337.6433	26.27709	0.233877	2.009153	479.1364	1332.451	0.26776	0.47011	361.7394	105.6076	1.07761	100	3.5
2319.68	1675.18	337.648	26.15072	0.230853	2.234041	479.6056	1330.027	0.264921	0.462939	375.5532	118.427	1.214073	100	4.3
2319.832	1675.332	337.6526	26.11321	0.23515	2.057036	479.5083	1325.104	0.269003	0.470346	359.6989	104.0225	1.067894	100	3.5
2319.985	1675.485	337.6572	26.22136	0.247471	1.747605	478.9576	1320.596	0.280699	0.493001	312.2948	79.2981	0.810835	100	2.1
2320.137	1675.637	337.6618	26.38283	0.259563	1.461508	477.8405	1312.336	0.292216	0.515847	264.8725	64.75835	0.658254	100	1.3
2320.29	1675.79	337.6664	26.56248	0.264673	1.37064	477.2899	1310.54	0.297105	0.526802	243.0082	59.39352	0.599785	100	1
2320.442	1675.942	337.671	26.56277	0.249883	1.490346	477.1359	1311.035	0.283047	0.499588	299.9638	74.98042	0.757188	100	1.8
2320.594	1676.094	337.6756	26.73849	0.250506	1.443302	477.2651	1314.867	0.283659	0.501816	296.0451	73.70543	0.739599	100	1.7
2320.747	1676.247	337.6803	26.82532	0.245861	1.487213	477.5078	1310.568	0.279268	0.493302	313.8537	79.88211	0.799083	100	2
2320.899	1676.399	337.6849	26.85957	0.254068	1.377986	477.2971	1308.145	0.287083	0.509052	281.3334	69.25013	0.691883	100	1.5
2321.051	1676.551	337.6895	26.8682	0.245231	1.470667	477.3131	1305.723	0.278708	0.492675	315.491	80.50603	0.8041	100	2.1
2321.204	1676.704	337.6941	26.86567	0.246534	1.418849	477.4424	1305.384	0.279964	0.497876	306.5814	77.23485	0.771504	100	1.9
2321.356	1676.856	337.6987	26.81057	0.234271	1.605769	477.9116	1307.757	0.268363	0.475936	352.8667	99.16542	0.992542	100	3.1
2321.509	1677.009	337.7034	26.83695	0.236263	1.587357	478.1543	1313.047	0.270268	0.481137	343.0611	93.19292	0.931888	100	2.8

2321.661	1677.161	337.708	26.66758	0.227348	1.829405	478.1701	1321.465	0.26186	0.463609	378.8529	122.1536	1.228976	100	4.3
2321.813	1677.313	337.7126	26.66245	0.230428	1.752337	477.9596	1325.714	0.264788	0.468522	368.0322	110.9544	1.116519	100	3.7
2321.966	1677.466	337.7172	26.47523	0.231741	1.789267	477.1257	1325.375	0.266048	0.469503	364.9398	108.2353	1.096601	100	3.6
2322.118	1677.618	337.7218	26.37309	0.244466	1.597207	475.8951	1319.305	0.278117	0.492733	316.2278	80.79042	0.821609	100	2.2
2322.271	1677.771	337.7265	26.35887	0.239046	1.773806	473.7581	1305.937	0.272999	0.481055	339.4058	91.20979	0.928062	100	2.7
2322.423	1677.923	337.7311	26.49186	0.238896	1.70462	471.8477	1292.882	0.272875	0.482228	337.9577	90.45547	0.915932	100	2.7
2322.575	1678.075	337.7357	26.49713	0.240932	1.673685	470.3907	1284.101	0.274824	0.487812	327.5616	85.48736	0.865468	100	2.4
2322.728	1678.228	337.7403	26.3899	0.250381	1.47611	468.8202	1284.18	0.283809	0.507878	287.4729	71.05131	0.722147	100	1.7
2322.88	1678.38	337.7449	26.376	0.24289	1.597101	467.5896	1291.034	0.276718	0.49409	316.2855	80.81278	0.821786	100	2.2
2323.033	1678.533	337.7495	26.3718	0.225906	1.857772	467.209	1298.931	0.260672	0.458436	387.6304	133.7216	1.360039	100	4.9
2323.185	1678.685	337.7542	26.4232	0.24213	1.529711	468.3014	1301.407	0.276036	0.488571	324.8418	84.30012	0.855786	100	2.3
2323.337	1678.837	337.7588	26.36446	0.240863	1.504682	470.867	1296.587	0.274854	0.482168	335.3091	89.11817	0.906652	100	2.5
2323.49	1678.99	337.7634	26.29152	0.245643	1.404846	473.4893	1291.662	0.279407	0.490533	317.4828	81.28018	0.829136	100	2.1
2323.642	1679.142	337.768	26.48005	0.23	1.628252	475.9416	1288.614	0.264614	0.463032	375.8485	118.7484	1.203027	100	4.1
2323.795	1679.295	337.7726	26.30483	0.22656	1.706122	476.9773	1296.823	0.261386	0.459026	385.8319	131.1319	1.337042	100	4.7
2323.947	1679.447	337.7772	26.38605	0.232999	1.637343	477.3899	1308.368	0.267487	0.472282	359.1186	103.5838	1.053026	100	3.3
2324.099	1679.599	337.7818	26.56003	0.235389	1.638867	477.4059	1321.163	0.269767	0.476812	349.7217	97.1348	0.981227	100	3
2324.252	1679.752	337.7865	26.71793	0.241443	1.604958	477.4218	1326.766	0.27552	0.488054	326.2684	84.91768	0.852928	100	2.4
2324.404	1679.904	337.7911	26.58876	0.246913	1.587535	477.4377	1328.929	0.280727	0.498529	304.6267	76.55478	0.772541	100	1.9
2324.557	1680.057	337.7957	26.45968	0.252476	1.572029	477.4538	1327.132	0.28603	0.510251	281.1322	69.19238	0.70154	100	1.6
2324.709	1680.209	337.8003	26.46107	0.252676	1.601242	477.4696	1323.25	0.28624	0.51152	279.0915	68.61091	0.695616	100	1.6
2324.861	1680.361	337.8049	26.3183	0.257656	1.500541	477.2591	1315.199	0.290996	0.521707	258.4694	63.12386	0.643345	100	1.3
2325.014	1680.514	337.8096	26.31968	0.260582	1.385613	476.4252	1310.065	0.293802	0.527196	247.0232	60.33495	0.614895	100	1.1
2325.166	1680.666	337.8142	26.23112	0.268659	1.299699	474.7414	1305.245	0.301523	0.540644	217.8097	53.86421	0.550746	100	0.8
2325.319	1680.819	337.8188	26.14134	0.255487	1.457979	472.7176	1301.05	0.28899	0.514868	270.6755	66.29111	0.680064	100	1.4
2325.471	1680.971	337.8234	25.99366	0.235924	1.768771	471.997	1295.186	0.270446	0.476626	349.0412	96.71063	0.997592	100	3.1
2325.624	1681.124	337.8281	25.83129	0.217524	2.088487	472.5229	1293.493	0.253099	0.438958	424.9604	227.8906	2.365066	100	9.8
2325.776	1681.276	337.8327	25.89181	0.218991	1.934116	474.3519	1295.552	0.254499	0.444159	415.8515	197.4284	2.044309	100	8.3
2325.928	1681.428	337.8373	25.72626	0.225747	1.721654	476.2942	1300.946	0.260887	0.458374	387.4201	133.4124	1.390064	100	5
2326.081	1681.581	337.8419	25.7276	0.246561	1.386962	476.8768	1305.09	0.280603	0.496469	307.64	77.60844	0.808592	100	2
2326.233	1681.733	337.8465	25.66741	0.25831	1.255786	476.2129	1305.794	0.291791	0.516247	264.9078	64.76753	0.676344	100	1.3
2326.385	1681.885	337.8511	25.65931	0.252542	1.4043	474.1891	1301.599	0.286323	0.502747	291.084	72.14823	0.753656	100	1.7
2326.538	1682.038	337.8558	25.66065	0.25169	1.469083	472.5053	1292.922	0.285533	0.500084	295.8495	73.64289	0.769237	100	1.8
2326.69	1682.19	337.8604	25.74216	0.239246	1.703097	471.6714	1285.078	0.273744	0.477569	343.1886	93.26425	0.971213	100	2.9
2326.843	1682.343	337.865	25.74351	0.247637	1.529291	471.4608	1282.134	0.281721	0.496867	305.5493	76.8742	0.800501	100	2
2326.995	1682.495	337.8696	25.71564	0.243607	1.569068	471.5899	1283.984	0.277916	0.491902	317.6517	81.34662	0.84797	100	2.3
2327.147	1682.647	337.8742	25.74771	0.249415	1.444375	471.8326	1290.525	0.283448	0.504966	291.9881	72.42757	0.754093	100	1.8
2327.3	1682.8	337.8788	25.80512	0.24541	1.496039	472.1885	1297.17	0.279665	0.496261	309.2224	78.17408	0.812177	100	2.1
2327.452	1682.952	337.8834	25.82907	0.241375	1.570838	472.2044	1299.854	0.275858	0.487173	327.018	85.24673	0.884871	100	2.5
2327.604	1683.104	337.8881	25.84775	0.242206	1.543143	471.8805	1297.849	0.276664	0.487099	326.0071	84.8037	0.879664	100	2.4
2327.757	1683.257	337.8927	25.73121	0.24936	1.423357	471.5564	1296.78	0.283472	0.500067	298.7159	74.56984	0.776909	100	1.9
2327.909	1683.409	337.8973	25.69997	0.247496	1.458468	471.3457	1300.611	0.281721	0.496637	305.8667	76.98474	0.803021	100	2
2328.062	1683.562	337.9019	25.8729	0.24006	1.577743	471.1351	1300.637	0.274688	0.482178	335.5252	89.22531	0.924684	100	2.7
2328.214	1683.714	337.9065	26.05583	0.239188	1.581464	471.6044	1299.83	0.273882	0.480953	338.3284	90.64695	0.933042	100	2.7
2328.367	1683.867	337.9112	25.93154	0.245275	1.488632	472.3568	1296.363	0.279671	0.493058	313.6333	79.79896	0.8252	100	2.1
2328.519	1684.019	337.9158	25.72291	0.235738	1.596434	473.7324	1294.774	0.270654	0.472749	354.1044	99.99794	1.042208	100	3.2
2328.671	1684.171	337.9204	25.6981	0.246492	1.442632	474.995	1295.217	0.280864	0.49339	311.5292	79.01471	0.824292	100	2.1
2328.824	1684.324	337.925	25.64372	0.247199	1.418257	475.8041	1295.452	0.281554	0.494467	309.0913	78.12688	0.816713	100	2
2328.976	1684.476	337.9296	25.56248	0.251979	1.383375	476.4434	1290.423	0.286113	0.503791	289.9318	71.79504	0.752841	100	1.7
2329.129	1684.629	337.9343	25.66342	0.250221	1.395212	476.7993	1284.768	0.284462	0.500744	296.4149	73.824	0.771173	100	1.8
2329.281	1684.781	337.9389	25.43678	0.254206	1.367195	477.4384	1282.449	0.28827	0.508438	280.5432	69.02375	0.727263	100	1.6
2329.433	1684.933	337.9435	25.21143	0.25158	1.387373	478.9274	1286.279	0.285792	0.501843	293.0631	72.76223	0.773309	100	1.8
2329.586	1685.086	337.9481	25.06073	0.242777	1.474956	481.493	1295.008	0.277455	0.482589	331.1398	87.11565	0.93127	100	2.6
2329.738	1685.238	337.9527	24.97239	0.22704	1.722091	484.6816	1304.155	0.262586	0.447319	400.3311	156.1229	1.674713	100	6.2
2329.891	1685.391	337.9573	24.97369	0.226871	1.713101	485.8875	1309.549	0.262445	0.445615	402.8772	161.6652	1.734094	100	6.5
2330.043	1685.543	337.962	24.97499	0.223382	1.860604	484.7702	1312.025	0.259173	0.439883	415.3029	195.6144	2.098162	100	8.3
2330.195	1685.695	337.9666	24.97785	0.223253	1.951524	480.0837	1312.103	0.259071	0.441535	413.1639	188.8274	2.025158	100	8
2330.348	1685.848	337.9712	24.97915	0.22654	1.951363	478.3999	1310.931	0.26219	0.450667	396.2567	148.0552	1.587815	100	5.9
2330.5	1686	337.9758	24.97987	0.245075	1.639839	477.7358	1306.526	0.279748	0.489721	318.1321	81.53628	0.874418	100	2.4
2330.653	1686.153	337.9804	24.90151	0.246356	1.620707	476.2788	1297.015	0.280984	0.49051	315.3381	80.4473	0.865387	100	2.3
2330.805	1686.305	337.985	24.90348	0.241821	1.716915	470.119	1277.913	0.276701	0.480175	335.5114	89.21845	0.959675	100	2.8
2330.958	1686.458	337.9897	24.97419	0.233074	1.862881	458.8036	1257.353	0.26844	0.462839	370.8358	113.5883	1.218458	100	4.1
2331.11	1686.61	337.9943	24.91083	0.218458	2.175855	451.6805	1242.317	0.254668	0.432076	432.2929	249.721	2.685397	100	11.3
2331.262	1686.762	337.9989	24.96569	0.218213	2.118584	447.7869	1234.681	0.254456	0.433153	431.0996	246.2241	2.642163	100	11.1
2331.415	1686.915	338.0035	24.967	0.22709	1.811035	448.6527	1232.257	0.262844	0.458493	384.5556	129.3672	1.388147	100	5
2331.567	1687.067	338.0081	24.96347	0.206507	2.08262	452.0681	1221.286	0.243495	0.434923	443.783	282.3308	3.029936	100	13.6
2331.719	1687.219	338.0127	24.97322	0.182647	2.191038	458.1464	1221.364	0.221225	0.403585	517.7623	454.023	4.870711	100	25.7
2331.872	1687.372	338.0174	24.978	0.176234	3.902774	464.7347	1234.263	0.215285	0.404854	524.2078	466.4328	5.00296	100	27.8
2332.024	1687.524	338.022	24.91933	0.181939	2.033816	470.5296	1253.624	0.220604	0.42185	493.4125	403.8692	4.341857	100	22.8
2332.177	1687.677	338.0266	24.92063	0.209939	1.805247	474.3983	1271.944	0.246793	0.459466	405.3635	167.4896	1.800548	100	7.4
2332.329	1687.829	338.0312	24.98682	0.232379	1.461849	476.9639	1278.484	0.267954	0.487874	336.9564	89.9436	0.964433	100	2.9
2332.481	1687.981	338.0358	24.98812	0.244673	1.405949	477.943	1281.898	0.279616	0.501131	302.5697	75.85218	0.813302	100	2.1
2332.634	1688.134	338.0405	24.93616	0.24858	1.363895	478.2988	1281.663	0.283343	0.500002	298.9835	74.65751	0.802122	100	1.9
2332.786	1688.286	338.0451	24.95529	0.241943	1.466015	478.5981	1281.115	0.277066	0.483912	329.8506	86.51988	0.928887	100	2.6
2332.938	1688.438	338.0497	24.97232	0.234273	1.696639	479.1806	1282.028	0.269822	0.465905	364.6966	108.0293	1.159057	100	3.8
2333.091	1688.591	338.0543	24.99368	0.221621	1.921484	480.1597	1285.44	0.257896	0.439746	417.2549	202.2099	2.167751	100	8.7
2333.243	1688.743	338.0589	25.03446	0.219797	1.967111	480.2891	1293.128	0.256197	0.436891	423.5397	223.5647	2.39291	100	9.8
2333.396	1688.896	338.0635	24.89987	0.228669	1.754036	479.6816	1298.834	0.264583	0.457723	383.2184	127.5801	1.372731	100	4.8
2333.548	1689.048	338.0682	24.77969	0.240818	1.555864	478.9044	1301.275	0.276095	0.483159	332.23	87.62784	0.94731	100	2.7
2333.701	1689.201	338.0728	24.7483	0.242384	1.515783	478.5237	1295.203	0.277598	0.48366	329.4631	86.34284	0.934579	100	2.6

2333.853	1689.353	338.0774	24.80186	0.254045	1.386922	478.7096	1288.783	0.288689	0.504589	285.2765	70.39806	0.760399	100	1.7
2334.005	1689.505	338.082	24.85464	0.255714	1.385281	479.2921	1283.371	0.290296	0.506145	280.9113	69.12905	0.745157	100	1.6
2334.158	1689.658	338.0866	24.85329	0.242415	1.562442	480.4411	1281.225	0.277685	0.478164	336.9287	89.92953	0.969431	100	2.8
2334.31	1689.81	338.0912	24.80608	0.22839	1.752277	480.7403	1282.762	0.264434	0.450086	393.9623	143.9045	1.554162	100	5.6
2334.463	1689.963	338.0959	24.80737	0.224536	1.835776	480.5864	1285.307	0.260815	0.442149	409.9097	179.314	1.936503	100	7.5
2334.615	1690.115	338.1005	24.95527	0.234516	1.640911	479.6957	1286.843	0.270262	0.460392	371.6982	114.4331	1.228712	100	4
2334.767	1690.267	338.1051	25.09431	0.244014	1.471091	479.8251	1290.57	0.279277	0.477676	335.4043	89.16533	0.952256	100	2.7
2334.92	1690.42	338.1097	25.15055	0.251874	1.39721	480.2376	1291.273	0.286759	0.492754	304.2719	76.43265	0.81451	100	2
2335.072	1690.572	338.1143	25.24216	0.250224	1.428553	481.5566	1297.188	0.285211	0.488653	312.0688	79.2142	0.841184	100	2.1
2335.225	1690.725	338.119	25.22303	0.239785	1.615565	482.5923	1300.392	0.275326	0.467576	354.795	100.4711	1.067709	100	3.3
2335.377	1690.877	338.1236	25.1981	0.236362	1.670004	483.8546	1302.345	0.272104	0.461268	367.9464	110.8764	1.17943	100	3.8
2335.529	1691.029	338.1282	25.23255	0.234557	1.67734	484.3239	1297.941	0.270415	0.458893	373.5548	116.311	1.235612	100	4.1
2335.682	1691.182	338.1328	25.21053	0.241521	1.598546	484.3965	1288.741	0.277028	0.474834	342.4307	92.84248	0.987144	100	2.9
2335.834	1691.334	338.1374	25.18733	0.230925	1.789611	484.8656	1281.627	0.267019	0.452032	387.7104	133.8398	1.424332	100	5
2335.987	1691.487	338.1421	25.24423	0.231158	1.815241	485.3348	1278.473	0.267258	0.451766	387.7466	133.8932	1.421796	100	5
2336.139	1691.639	338.1467	25.25947	0.228154	1.836493	486.1439	1278.238	0.264439	0.44143	405.8997	168.8023	1.791458	100	6.7
2336.292	1691.792	338.1513	25.20325	0.228847	1.708426	486.2733	1279.149	0.265114	0.439726	407.3209	172.385	1.833461	100	6.8
2336.444	1691.944	338.1559	25.24171	0.231575	1.535973	486.2891	1280.165	0.26771	0.444735	396.8262	149.1276	1.583767	100	5.6
2336.596	1692.096	338.1605	25.26331	0.230649	1.577897	486.1917	1281.701	0.266854	0.441592	402.3453	160.4734	1.702864	100	6.2
2336.749	1692.249	338.1651	25.26463	0.236737	1.521341	485.2444	1284.072	0.27263	0.455232	375.5504	118.424	1.256605	100	4.1
2336.901	1692.401	338.1698	25.3148	0.243237	1.442752	484.3538	1285.088	0.278808	0.469351	347.5406	95.79328	1.014523	100	2.9
2337.053	1692.553	338.1744	25.28851	0.250271	1.352431	483.2933	1284.019	0.285503	0.484334	317.6248	81.33603	0.862287	100	2.2
2337.206	1692.706	338.179	25.25796	0.250265	1.329519	483.6492	1281.594	0.285516	0.48426	317.7098	81.36951	0.863663	100	2.2
2337.358	1692.858	338.1836	25.30249	0.250194	1.332425	485.5914	1280.734	0.285468	0.48361	318.6719	81.75066	0.866235	100	2.2
2337.511	1693.011	338.1882	25.28876	0.250301	1.338046	488.3268	1283.104	0.285588	0.483153	319.1377	81.93668	0.868672	100	2.2
2337.663	1693.163	338.1928	25.27787	0.252449	1.286713	491.119	1287.247	0.287649	0.486339	311.896	79.1502	0.839489	100	2
2337.815	1693.315	338.1974	25.2606	0.253438	1.298102	492.6081	1291.494	0.288608	0.486745	310.0133	78.4601	0.83273	100	2
2337.968	1693.468	338.2021	25.31289	0.248505	1.413425	493.7004	1290.841	0.28394	0.473245	335.0853	89.00757	0.942789	100	2.5
2338.12	1693.62	338.2067	25.35905	0.243025	1.519078	493.8297	1291.023	0.278758	0.457922	363.3806	106.9327	1.130666	100	3.4
2338.273	1693.773	338.2113	25.39454	0.236151	1.630394	493.8456	1289.224	0.272266	0.439052	398.3819	152.1464	1.606572	100	5.6
2338.425	1693.925	338.2159	25.42276	0.234751	1.63378	493.6349	1291.177	0.27096	0.433415	407.9622	174.0517	1.835916	100	6.6
2338.577	1694.077	338.2205	25.45727	0.234861	1.672208	492.9709	1295.424	0.271083	0.435547	404.8503	166.2522	1.751356	100	6.3
2338.73	1694.23	338.2252	25.4879	0.238758	1.61822	492.6469	1300.296	0.274791	0.446885	384.0864	128.7331	1.354549	100	4.5
2338.882	1694.382	338.2298	25.48924	0.23641	1.653411	493.2294	1303.397	0.272587	0.444414	390.539	138.1821	1.453913	100	5
2339.035	1694.535	338.2344	25.501	0.246737	1.502676	493.8118	1303.682	0.282395	0.470041	341.6386	92.40723	0.971857	100	2.7
2339.187	1694.687	338.239	25.5204	0.257024	1.334744	494.451	1301.049	0.292191	0.491641	298.3124	74.43801	0.782303	100	1.8
2339.339	1694.839	338.2436	25.5339	0.260396	1.286414	494.9202	1296.749	0.295421	0.497705	285.4865	70.46009	0.740124	100	1.5
2339.492	1694.992	338.2483	25.57047	0.256581	1.320694	495.2759	1286.402	0.291808	0.485931	306.7214	77.28406	0.810686	100	1.9
2339.644	1695.144	338.2529	25.63297	0.254453	1.383031	495.6884	1277.306	0.289802	0.477705	320.8413	82.62571	0.864676	100	2.1
2339.797	1695.297	338.2575	25.63443	0.246609	1.536335	494.6279	1264.667	0.282368	0.457204	359.3904	103.7886	1.086096	100	3.2
2339.949	1695.449	338.2621	25.6096	0.255705	1.458124	492.9441	1259.324	0.291031	0.475063	322.7896	83.43096	0.873893	100	2.2
2340.102	1695.602	338.2667	25.58712	0.257866	1.401228	491.9401	1256.9	0.293107	0.477387	316.7186	80.98112	0.848963	100	2
2340.254	1695.754	338.2713	25.59911	0.260357	1.150039	491.5594	1257.393	0.295497	0.480669	308.89	78.05452	0.817918	100	1.8
2340.406	1695.906	338.276	25.5804	0.254746	1.134297	491.6886	1258.305	0.290176	0.466498	335.7908	89.35747	0.937032	100	2.3
2340.559	1696.059	338.2806	25.56779	0.25256	1.185515	492.0445	1258.59	0.288116	0.46019	347.3373	95.67088	1.003727	100	2.6
2340.711	1696.211	338.2852	25.59837	0.259126	1.146782	492.6269	1258.459	0.294382	0.475748	317.22	81.17707	0.850687	100	1.9
2340.863	1696.363	338.2898	25.63642	0.259626	1.15625	492.9828	1257.702	0.294878	0.477209	314.5213	80.13519	0.838568	100	1.9
2341.016	1696.516	338.2944	25.66383	0.261295	1.158098	492.4321	1255.068	0.296486	0.48097	307.1102	77.421	0.809334	100	1.7
2341.168	1696.668	338.299	25.69327	0.255382	1.291503	491.0315	1250.351	0.290875	0.467374	333.6156	88.29027	0.921941	100	2.3
2341.321	1696.821	338.3037	25.72256	0.252499	1.29984	488.4979	1241.464	0.288153	0.459436	348.3265	96.27067	1.004173	100	2.7
2341.473	1696.973	338.3083	25.76249	0.255208	1.228008	485.2276	1237.163	0.290749	0.46502	337.0389	89.98549	0.937213	100	2.3
2341.625	1697.125	338.3129	25.81077	0.263357	1.12119	482.2405	1235.363	0.298528	0.485373	298.2169	74.40688	0.773561	100	1.6
2341.778	1697.278	338.3175	25.84387	0.259116	1.144955	482.7664	1235.024	0.294506	0.480121	311.0156	78.82584	0.818493	100	1.8
2341.93	1697.43	338.3221	25.84534	0.238413	1.366097	486.975	1235.309	0.274864	0.451852	377.133	120.1736	1.247773	100	4
2342.083	1697.583	338.3268	25.84681	0.233878	1.376709	494.2997	1240.598	0.270591	0.458778	373.4702	116.2237	1.206706	100	3.9
2342.235	1697.735	338.3314	25.86685	0.225469	1.506333	498.3951	1250.472	0.262667	0.451032	395.0952	145.9209	1.513917	100	5.5
2342.387	1697.887	338.336	25.88964	0.233841	1.449698	498.071	1266.602	0.270594	0.475221	350.7746	97.80156	1.013827	100	3.1
2342.54	1698.04	338.3406	25.92289	0.235433	3.229965	498.3135	1271.683	0.27212	0.467475	359.3595	103.7652	1.074321	100	3.8
2342.692	1698.192	338.3452	25.94405	0.237049	3.298294	494.7033	1271.342	0.273668	0.460304	367.1182	110.1313	1.139341	100	4.1
2342.845	1698.345	338.3499	25.96242	0.242512	3.163615	494.6626	1270.585	0.278862	0.469725	346.9508	95.43933	0.986681	100	3.3
2342.997	1698.497	338.3545	25.97761	0.239685	1.369661	492.8088	1258.467	0.276202	0.461882	361.4442	105.3741	1.088783	100	3.3
2343.149	1698.649	338.3591	25.99999	0.228242	1.597147	491.1817	1242.387	0.265398	0.439272	407.556	172.9921	1.785975	100	6.6
2343.302	1698.802	338.3637	26.00483	0.218913	1.771968	487.9114	1217.239	0.256621	0.420401	445.7103	287.6181	2.968871	100	12.4
2343.454	1698.954	338.3683	26.02154	0.217728	1.767886	485.8309	1207.935	0.255524	0.418888	449.3108	297.3602	3.06755	100	13
2343.607	1699.107	338.3729	26.03269	0.214433	1.642432	484.147	1214.995	0.252444	0.411238	464.1195	335.6595	3.46124	100	15
2343.759	1699.259	338.3775	26.04324	0.219958	3.670632	486.0326	1225.182	0.257662	0.419507	445.5071	287.0629	2.95899	100	12.8
2343.911	1699.411	338.3822	26.08096	0.230005	3.032094	489.7312	1227.761	0.267158	0.437559	407.4907	172.823	1.778949	100	6.9
2344.064	1699.564	338.3868	26.12229	0.238038	3.179941	495.8662	1217.935	0.274775	0.444677	387.1561	133.0267	1.367221	100	5
2344.216	1699.716	338.3914	26.16029	0.241566	3.311737	503.4742	1206.338	0.278136	0.44163	386.7224	132.3987	1.358867	100	4.9
2344.369	1699.869	338.396	26.16708	0.238438	3.39386	513.2919	1194.01	0.275191	0.4265	411.6668	184.3342	1.891446	100	7.2
2344.521	1700.021	338.4006	26.18232	0.244384	3.305794	518.9736	1195.338	0.280846	0.432659	395.3631	146.407	1.501444	100	5.4
2344.673	1700.173	338.4052	26.20438	0.238321	3.524524	519.4995	1204.9	0.275119	0.391923	459.4829	323.9648	3.319672	100	13.2
2344.826	1700.326	338.4099	26.23251	0.235575	2.923855	514.756	1209.354	0.272538	0.354926	514.0987	446.8153	4.573812	100	18.6
2344.978	1700.478	338.4145	26.22793	0.229399	1.30685	511.3725	1207.347	0.266719	0.335768	548.5678	510.4501	5.22614	100	21.6
2345.131	1700.631	338.4191	26.22929	0.233238	0.440606	508.7255	1199.358	0.270366	0.361108	508.5659	435.7108	4.460755	100	17.6
2345.283	1700.783	338.4237	26.25528	0.234772	0.638618	508.7979	1197.002	0.271836	0.386735	471.1717	352.9525	3.610057	100	13.9
2345.436	1700.936	338.4284	26.2791	0.229201	1.636066	504.0546	1186.79	0.266589	0.386853	478.25	369.7347	3.778426	100	15.3
2345.588	1701.088	338.433	26.29576	0.227568	2.381929	496.9317	1159.227	0.265066	0.39541	468.5435	346.5761	3.539623	100	14.6
2345.74	1701.24	338.4376	26.31608	0.209521	3.128031	496.7208	1120.246	0.248094	0.352756	550.8281	514.3201	5.248937	100	24.3
2345.893	1701.393	338.4422	26.35203	0.194709	3.337014	507.4449	1098.051	0.23424	0.322377	611.8683	607.5874	6.192658	100	31.1

2346.045	1701.545	338.4468	26.33621	0.188414	3.814544	526.1578	1116.363	0.228385	0.317412	626.801	627.6619	6.401039	100	33.4
2346.198	1701.698	338.4514	26.27949	0.203741	2.617128	534.6725	1167.203	0.24273	0.327791	592.6818	580.3729	5.93119	100	28.3
2346.35	1701.85	338.4561	26.17677	0.214055	1.697614	534.7451	1206.472	0.252429	0.314291	597.9268	587.9828	6.031837	100	27.1
2346.502	1702.002	338.4607	26.07632	0.229473	0.419493	532.7778	1218.535	0.266978	0.328026	558.8938	527.8567	5.435279	100	22.1
2346.655	1702.155	338.4653	25.97595	0.243269	0.027747	539.1961	1205.792	0.280054	0.341378	522.4234	463.0312	4.785667	100	17.9
2346.807	1702.307	338.4699	26.12676	0.252383	0.017063	551.9032	1193.672	0.288726	0.39194	440.68	273.7099	2.813142	100	9.3
2346.959	1702.459	338.4745	26.15362	0.241301	0.40809	561.0978	1187.078	0.278226	0.362041	496.4315	410.3868	4.213729	100	15.9
2347.112	1702.612	338.4791	26.15498	0.243547	0.484831	560.4338	1183.193	0.280375	0.344417	517.7879	454.0729	4.662093	100	17.6
2347.264	1702.764	338.4837	26.2309	0.248582	0.011223	545.3222	1172.846	0.285172	0.334369	525.0337	467.9986	4.791654	100	17.5
2347.417	1702.917	338.4884	26.23226	0.263853	0.007541	530.5505	1152.18	0.299722	0.347721	486.5288	388.6684	3.97926	100	13.3
2347.569	1703.069	338.493	26.20869	0.275527	0.008712	519.2347	1128.073	0.310887	0.354168	462.2234	330.9088	3.390888	100	10.5
2347.721	1703.221	338.4976	26.10571	0.259946	0.010901	513.9814	1118.769	0.296037	0.342874	498.3034	414.3834	4.262524	100	14.6
2347.874	1703.374	338.5022	26.00721	0.247982	0.11371	511.1643	1129.581	0.284677	0.351335	502.3032	422.8116	4.365216	100	15.9
2348.026	1703.526	338.5068	25.91717	0.229567	0.079907	507.7807	1165.305	0.267257	0.351165	526.5782	470.9123	4.878231	100	19.5
2348.179	1703.679	338.5115	25.84269	0.228986	0.059081	501.1675	1221.565	0.266727	0.401631	457.6664	319.3108	3.317046	100	12.7
2348.331	1703.831	338.5161	25.84124	0.234021	0.005851	491.2683	1268.13	0.271504	0.403954	447.867	293.4746	3.04885	100	11.2
2348.483	1703.983	338.5207	25.90337	0.251461	0.409481	482.5023	1295.517	0.288059	0.443008	371.1278	113.8724	1.180259	100	3
2348.636	1704.136	338.5253	25.90472	0.255589	0.917032	476.3424	1309.248	0.292003	0.477267	318.4078	81.64561	0.846201	100	1.9
2348.788	1704.288	338.5299	25.90606	0.260087	1.376001	473.5821	1310.158	0.296303	0.506251	272.4756	66.77724	0.692073	100	1.4
2348.941	1704.441	338.5346	25.90741	0.246475	1.699128	471.8415	1307.524	0.283379	0.490161	312.514	79.37962	0.822649	100	2.2
2349.093	1704.593	338.5392	25.90875	0.240314	1.817448	470.9507	1297.594	0.277556	0.488265	323.1669	83.5891	0.866238	100	2.5
2349.245	1704.745	338.5438	25.9101	0.231813	1.891464	470.5134	1293.084	0.26953	0.470545	358.6962	103.2677	1.070124	100	3.5
2349.398	1704.898	338.5484	25.98504	0.222551	1.998232	470.5293	1295.141	0.260807	0.450619	398.2318	151.8494	1.569176	100	6
2349.55	1705.05	338.553	26.0628	0.227262	1.78504	470.9983	1295.842	0.265269	0.459656	379.6035	123.0446	1.26785	100	4.4
2349.703	1705.203	338.5577	26.13784	0.24744	1.456238	471.6941	1306.133	0.284391	0.499765	297.8661	74.29273	0.76339	100	1.8
2349.855	1705.355	338.5623	26.11148	0.243421	1.550753	472.5033	1312.151	0.280596	0.492306	313.3951	79.70931	0.819856	100	2.2
2350.007	1705.507	338.5669	26.11283	0.234579	1.728934	472.0092	1323.694	0.27224	0.475065	348.7181	96.51106	0.992631	100	3.1
2350.16	1705.66	338.5715	26.05966	0.234371	1.716179	471.3452	1319.913	0.272063	0.474416	349.8598	97.22155	1.001924	100	3.1
2350.312	1705.812	338.5761	26.06101	0.245711	1.488356	469.548	1315.194	0.282825	0.496783	304.1415	76.38786	0.787189	100	2
2350.465	1705.965	338.5807	26.06236	0.249612	1.368474	469.7905	1308.704	0.286548	0.501408	292.6217	72.62446	0.748376	100	1.7
2350.617	1706.117	338.5853	26.06372	0.257529	1.250425	472.0159	1307.841	0.294095	0.514089	264.707	64.71539	0.666848	100	1.3
2350.77	1706.27	338.59	25.947	0.263461	1.153992	476.6212	1312.609	0.299764	0.525235	241.501	59.04474	0.611073	100	1
2350.922	1706.422	338.5946	25.94835	0.267723	1.083029	478.5067	1311.85	0.303848	0.533217	224.8502	55.34765	0.572787	100	0.8
2351.074	1706.574	338.5992	25.94969	0.27527	1.013025	477.2195	1300.564	0.311077	0.54935	192.6112	48.89837	0.506024	100	0.4
2351.227	1706.727	338.6038	25.88286	0.255293	1.171461	477.0087	1276.354	0.292042	0.513504	268.3458	65.66959	0.681287	100	1.3
2351.379	1706.879	338.6084	25.9011	0.246123	1.244756	475.3249	1262.879	0.283348	0.501826	296.4591	73.83818	0.765516	100	1.8
2351.531	1707.031	338.613	25.9597	0.249097	1.146992	473.9808	1268.063	0.286191	0.513164	276.8898	67.9922	0.703372	100	1.5
2351.684	1707.184	338.6177	26.15732	0.251511	1.03522	472.5803	1285.338	0.288503	0.518653	266.1255	65.08502	0.668376	100	1.3
2351.836	1707.336	338.6223	26.34442	0.244474	1.116261	472.0862	1299.173	0.281841	0.506111	292.6267	72.62601	0.740694	100	1.7
2351.989	1707.489	338.6269	26.35327	0.242892	1.186977	471.9321	1305.399	0.28036	0.496639	307.7422	77.64473	0.791629	100	1.9
2352.141	1707.641	338.6315	26.31987	0.245863	1.198651	473.1376	1298.386	0.283196	0.495989	304.724	76.58833	0.781825	100	1.9
2352.293	1707.793	338.6361	26.44425	0.242477	1.275985	477.4596	1293.147	0.280004	0.491408	315.4521	80.49108	0.817932	100	2.1
2352.446	1707.946	338.6408	26.35396	0.231998	1.456273	478.9486	1289.053	0.270103	0.472537	355.1572	100.7218	1.026915	100	3.2
2352.598	1708.098	338.6454	26.41187	0.230605	1.525857	478.6244	1286.314	0.268805	0.470641	359.5656	103.9213	1.057297	100	3.4
2352.75	1708.25	338.65	26.41324	0.226139	1.61407	475.4109	1278.261	0.264607	0.462223	376.9746	119.9954	1.220785	100	4.2
2352.903	1708.403	338.6546	26.33764	0.243258	1.297542	470.0442	1264.577	0.280819	0.492742	312.4858	79.36914	0.80972	100	2
2353.055	1708.555	338.6592	26.37726	0.241394	1.361575	459.4085	1252.562	0.279071	0.485283	325.1913	84.4504	0.860315	100	2.3
2353.208	1708.708	338.6639	26.36274	0.237186	1.416558	445.9965	1246.175	0.275104	0.484058	332.356	87.68754	0.893777	100	2.5
2353.36	1708.86	338.6685	26.45334	0.210276	1.891297	439.1568	1243.541	0.24975	0.436705	432.6935	250.8903	2.548808	100	11
2353.513	1709.013	338.6731	26.44945	0.200873	1.970134	440.4756	1230.067	0.240952	0.436534	445.069	285.8645	2.904553	100	13.4
2353.665	1709.165	338.6777	26.45368	0.191754	2.02257	448.1968	1227.223	0.232446	0.435309	458.4974	321.4451	3.265599	100	16
2353.817	1709.317	338.6823	26.39296	0.216285	1.524096	458.4111	1233.97	0.255454	0.475322	371.5288	114.2659	1.163435	100	4.2
2353.97	1709.47	338.6869	26.39433	0.227595	1.359439	465.6791	1257.29	0.266132	0.490017	336.5147	89.72025	0.913478	100	2.7
2354.122	1709.622	338.6915	26.33565	0.228222	1.422419	469.2645	1277.796	0.266743	0.478722	351.2582	98.1121	1.001083	100	3.1
2354.275	1709.775	338.6962	26.26853	0.240138	1.243222	468.7138	1289.859	0.278032	0.488814	321.7528	83.00009	0.848991	100	2.2
2354.427	1709.927	338.7008	26.18708	0.253355	1.125198	465.2169	1292.645	0.290596	0.508783	276.8571	67.98307	0.697485	100	1.4
2354.579	1710.079	338.7054	26.18843	0.245832	1.223269	461.4934	1285.321	0.283469	0.487706	315.7781	80.61655	0.827067	100	2
2354.732	1710.232	338.71	26.11561	0.242115	1.225748	458.2229	1270.178	0.279963	0.484084	325.6153	84.63355	0.870632	100	2.3
2354.884	1710.384	338.7146	25.99752	0.232184	1.393778	457.8423	1256.39	0.270581	0.467611	361.2961	105.2575	1.087568	100	3.4
2355.037	1710.537	338.7193	25.87129	0.231406	1.350657	460.011	1242.707	0.269864	0.46581	364.7695	108.0909	1.122137	100	3.6
2355.189	1710.689	338.7239	25.8813	0.227518	1.38435	463.8228	1251.746	0.26621	0.457393	381.4284	125.2822	1.300131	100	4.5
2355.341	1710.841	338.7285	25.83519	0.235203	1.237359	468.8247	1274.233	0.273493	0.473718	348.8499	96.59233	1.004143	100	3
2355.494	1710.994	338.7331	25.85057	0.247774	1.033226	474.5629	1311.207	0.285426	0.499153	297.2813	74.10315	0.769916	100	1.7
2355.646	1711.146	338.7377	25.80824	0.240599	1.118596	480.6978	1347.661	0.278639	0.486612	323.9543	83.92153	0.873322	100	2.3
2355.799	1711.299	338.7424	25.79796	0.226792	1.490507	486.6628	1383.386	0.265601	0.460165	378.4435	121.6746	1.266697	100	4.4
2355.951	1711.451	338.747	25.7993	0.234026	1.628597	491.7212	1408.582	0.272454	0.477065	345.6636	94.67942	0.985622	100	3
2356.104	1711.604	338.7516	26.04473	0.24821	1.640368	494.8532	1420.958	0.285915	0.506721	286.1622	70.66025	0.728866	100	1.8
2356.256	1711.756	338.7562	26.02346	0.262383	1.577939	495.7189	1424.682	0.299416	0.530814	234.2829	57.40789	0.592641	100	1.1
2356.408	1711.908	338.7608	26.11724	0.266576	1.64054	495.1682	1424.236	0.303433	0.535918	221.6949	54.67729	0.562494	100	0.9
2356.561	1712.061	338.7654	26.27989	0.273045	1.688062	494.0509	1423.373	0.30963	0.542941	203.4527	50.97219	0.521238	100	0.7
2356.713	1712.213	338.7701	26.37613	0.257335	2.167251	493.5002	1423.032	0.294666	0.506712	274.0992	67.22026	0.684968	100	1.6
2356.865	1712.365	338.7747	26.45835	0.249904	2.602479	493.2893	1427.902	0.287618	0.491389	304.9699	76.67329	0.778951	100	2.2
2357.018	1712.518	338.7793	26.49808	0.247406	2.578977	493.3052	1431.626	0.285265	0.485849	315.8635	80.64951	0.818166	100	2.4
2357.17	1712.67	338.7839	26.33163	0.268283	1.904031	493.321	1435.975	0.305157	0.528738	229.2243	56.29234	0.574568	100	1
2357.323	1712.823	338.7885	26.56054	0.280423	1.612047	493.4502	1430.839	0.316781	0.552832	179.935	46.58509	0.471526	100	0.5
2357.475	1712.975	338.7931	26.59857	0.272182	1.669851	493.9193	1428.204	0.308918	0.536454	213.3864	52.95469	0.535261	100	0.8
2357.627	1713.127	338.7977	26.42698	0.261431	1.840928	494.7284	1425.987	0.298679	0.514706	257.5284	62.88836	0.639669	100	1.3
2357.78	1713.28	338.8024	26.65273	0.252906	1.919875	495.424	1426.063	0.290584	0.499575	289.58	71.68782	0.723203	100	1.8
2357.932	1713.432	338.807	26.65342	0.267567	1.693325	494.4767	1425.512	0.304568	0.530477	227.6376	55.94756	0.564403	100	1
2358.084	1713.584	338.8116	26.78577	0.274569	1.585708	492.3395	1421.939	0.311275	0.543158	200.8823	50.47225	0.50674	100	0.7

2358.237	1713.737	338.8162	26.98928	0.271026	1.66342	489.2958	1414.718	0.307908	0.535604	215.954	53.48058	0.533036	100	0.8
2358.389	1713.889	338.8208	27.00035	0.258939	1.842407	487.952	1401.452	0.296399	0.510787	266.083	65.0739	0.648334	100	1.4
2358.542	1714.042	338.8255	27.03501	0.244001	2.007061	487.6844	1393.188	0.282222	0.478969	329.5559	86.38513	0.859601	100	2.5
2358.694	1714.194	338.8301	27.04022	0.250611	1.799172	488.7769	1385.029	0.288516	0.496733	296.3565	73.80526	0.734291	100	1.8
2358.847	1714.347	338.8347	27.07685	0.249712	1.728371	489.6425	1386.563	0.28768	0.498864	294.5683	73.23553	0.727678	100	1.8
2358.999	1714.499	338.8393	26.9962	0.266102	1.46477	489.7149	1382.053	0.303302	0.527081	234.0719	57.36085	0.571594	100	0.9
2359.151	1714.651	338.8439	26.90947	0.265332	1.502482	486.898	1371.496	0.302587	0.521445	242.8365	59.35367	0.593299	100	1
2359.304	1714.804	338.8486	26.82289	0.268405	1.504394	483.571	1357.395	0.305537	0.52396	235.2937	57.63387	0.577911	100	0.9
2359.456	1714.956	338.8532	26.79598	0.24892	1.876137	481.9436	1349.757	0.287003	0.480059	321.4546	82.87716	0.831846	100	2.2
2359.609	1715.109	338.8578	26.82425	0.229275	2.446048	481.9028	1349.207	0.268416	0.440281	401.9979	159.7047	1.601353	100	6
2359.761	1715.261	338.8624	26.91047	0.216902	2.554876	482.0887	1351.366	0.25677	0.415368	452.4497	305.7126	3.055906	100	13.2
2359.914	1715.414	338.867	26.91186	0.22417	2.195159	480.4615	1353.735	0.263635	0.440804	407.8736	173.8196	1.737431	100	6.8
2360.066	1715.566	338.8716	26.91326	0.226866	2.040865	475.9446	1344.637	0.266198	0.45406	386.0437	131.4306	1.313673	100	4.7
2360.218	1715.718	338.8763	26.91247	0.23646	1.917532	473.5241	1335.541	0.275284	0.472399	348.1969	96.1915	0.961488	100	3
2360.371	1715.871	338.8809	26.91941	0.224436	2.222531	475.693	1335.616	0.263943	0.44413	402.86	161.6263	1.615158	100	6.2
2360.523	1716.023	338.8855	26.86316	0.221841	2.214667	483.6408	1349.971	0.261515	0.443193	407.5035	172.8562	1.730892	100	6.8
2360.675	1716.175	338.8901	26.82637	0.214456	2.281123	490.7956	1372.353	0.254581	0.431706	432.9233	251.5598	2.52235	100	10.8
2360.828	1716.328	338.8947	26.75173	0.214404	2.055427	495.5706	1396.402	0.254551	0.435756	427.3763	235.1745	2.364439	100	10
2360.98	1716.48	338.8993	26.68943	0.223571	1.898356	496.0397	1414.926	0.263203	0.459177	383.1157	127.4454	1.284237	100	4.7
2361.133	1716.633	338.904	26.70283	0.245703	1.526325	492.4296	1419.067	0.284157	0.500053	297.7903	74.26812	0.748026	100	1.8
2361.285	1716.785	338.9086	26.70421	0.269582	1.290152	487.5161	1410.595	0.306905	0.542272	208.136	51.89672	0.522681	100	0.7
2361.438	1716.938	338.9132	26.57568	0.267268	1.500796	484.6424	1392.325	0.304715	0.540088	214.1717	53.11494	0.537457	100	0.8
2361.59	1717.09	338.9178	26.60015	0.249535	1.807601	485.4514	1375.618	0.287851	0.509037	280.294	68.9526	0.6971	100	1.7
2361.742	1717.242	338.9224	26.50738	0.244101	1.76886	488.2433	1369.647	0.282713	0.49477	307.0747	77.40848	0.785245	100	2.1
2361.895	1717.395	338.9271	26.51886	0.243971	1.60083	491.1488	1383.585	0.282608	0.490284	313.4097	79.71481	0.808309	100	2.1
2362.047	1717.547	338.9317	26.37444	0.242611	1.450738	492.6377	1406.8	0.281337	0.481483	327.3094	85.37548	0.870305	100	2.4
2362.199	1717.699	338.9363	26.24488	0.260198	1.187268	493.7301	1421.886	0.298069	0.51133	263.0294	64.28199	0.65842	100	1.2
2362.352	1717.852	338.9409	26.04807	0.257858	1.32326	493.8025	1425.401	0.29586	0.507228	271.7394	66.57778	0.686934	100	1.4
2362.504	1718.004	338.9455	26.26307	0.259391	1.368183	491.722	1417.241	0.297338	0.511277	264.1114	64.56106	0.660847	100	1.3
2362.657	1718.157	338.9502	26.26545	0.270165	1.306559	484.7123	1397.512	0.307632	0.531247	222.3481	54.81531	0.561045	100	0.8
2362.809	1718.309	338.9548	26.26702	0.269441	1.341232	474.7563	1376.322	0.306959	0.528391	227.2166	55.85647	0.571674	100	0.8
2362.961	1718.461	338.9594	26.44009	0.265549	1.342223	467.9733	1360.658	0.303264	0.524002	238.3743	58.32901	0.593201	100	1
2363.114	1718.614	338.964	26.21421	0.253161	1.546552	469.6888	1358.23	0.291485	0.503117	283.4499	69.86244	0.71643	100	1.6
2363.266	1718.766	338.9686	26.21832	0.244147	1.654328	474.7471	1367.687	0.282944	0.49163	311.0876	78.85227	0.808504	100	2.1
2363.419	1718.919	338.9732	26.22294	0.226638	1.988283	481.1086	1377.769	0.266396	0.463073	373.3326	116.082	1.190043	100	4.2
2363.571	1719.071	338.9779	26.2609	0.233746	1.741432	484.4672	1386.391	0.27313	0.469712	354.8776	100.5281	1.029155	100	3.3
2363.723	1719.223	338.9825	26.27289	0.258568	1.360127	485.4463	1388.551	0.296705	0.511547	264.6128	64.69093	0.661986	100	1.3
2363.876	1719.376	338.9871	26.46481	0.26651	1.383539	485.6319	1386.854	0.304292	0.524707	235.9808	57.78807	0.587201	100	0.9
2364.028	1719.528	338.9917	26.41049	0.261188	1.616072	485.7611	1392.14	0.299238	0.511974	260.528	63.64316	0.64799	100	1.3
2364.181	1719.681	338.9963	26.40165	0.263746	1.578248	486.7968	1396.072	0.301694	0.513242	255.3876	62.35689	0.635105	100	1.2
2364.333	1719.833	339.0009	26.46926	0.274189	1.392517	486.416	1393.853	0.311682	0.530239	218.1493	53.93475	0.547972	100	0.7
2364.485	1719.985	339.0055	26.53796	0.281109	1.269129	484.0522	1380.69	0.318321	0.547139	185.6648	47.61632	0.48257	100	0.4
2364.638	1720.138	339.0102	26.76296	0.264845	1.485588	478.9689	1353.039	0.302799	0.518966	245.9651	60.08509	0.603987	100	1.1
2364.79	1720.29	339.0148	26.88104	0.252758	1.686022	473.4321	1326.637	0.291308	0.50019	287.7317	71.12894	0.711972	100	1.7
2364.943	1720.443	339.0194	26.95935	0.238759	1.938228	469.7652	1306.282	0.278043	0.477196	337.7702	90.359	0.901926	100	2.7
2365.095	1720.595	339.024	26.94114	0.224295	2.170028	468.3078	1298.018	0.264393	0.447776	397.2079	149.856	1.496791	100	5.7
2365.248	1720.748	339.0287	26.96775	0.227828	1.941656	468.0405	1296.946	0.267744	0.45662	380.3767	123.9801	1.237168	100	4.4
2365.4	1720.9	339.0333	26.99892	0.225924	1.925392	467.1497	1300.773	0.265966	0.452326	388.7564	135.4071	1.3497	100	4.9
2365.552	1721.052	339.0379	27.00492	0.226334	1.884451	464.8992	1299.597	0.266372	0.452923	387.3722	133.3422	1.328845	100	4.8
2365.705	1721.205	339.0425	27.01233	0.234951	1.712253	463.8952	1297.796	0.274533	0.46781	355.5664	101.0071	1.006346	100	3.1
2365.857	1721.357	339.0471	27.2003	0.236428	1.668194	464.3641	1295.681	0.275949	0.467064	354.6414	100.3653	0.993285	100	3
2366.009	1721.509	339.0517	27.42644	0.228702	1.768788	467.1563	1298.675	0.268664	0.446947	392.457	141.3218	1.387498	100	4.9
2366.162	1721.662	339.0564	27.464	0.231405	1.7261	471.7613	1308.13	0.271236	0.449941	384.7756	129.6672	1.271405	100	4.4
2366.314	1721.814	339.061	27.51052	0.243292	1.561678	476.6497	1328.218	0.282508	0.478254	330.1489	86.65676	0.848303	100	2.3
2366.467	1721.967	339.0656	27.52893	0.257378	1.440102	480.6316	1348.723	0.295909	0.509636	268.3482	65.67021	0.642452	100	1.3
2366.619	1722.119	339.0702	27.55676	0.259893	1.466408	483.3102	1368.081	0.298323	0.515987	256.253	62.57102	0.611542	100	1.1
2366.771	1722.271	339.0748	27.64298	0.25738	1.524414	485.819	1383.895	0.295949	0.512364	264.5288	64.66913	0.630152	100	1.3
2366.924	1722.424	339.0794	27.67222	0.256172	1.544656	488.3278	1404.4	0.294818	0.506824	273.7349	67.12047	0.653378	100	1.4
2367.076	1722.576	339.0841	27.70654	0.251747	1.748301	491.5163	1426.155	0.290629	0.49409	297.0882	74.04077	0.719889	100	1.7
2367.229	1722.729	339.0887	27.62807	0.246643	1.978719	495.2717	1443.742	0.2858	0.478384	325.4262	84.55175	0.824344	100	2.3
2367.381	1722.881	339.0933	27.70319	0.258129	1.876433	499.4801	1449.341	0.296737	0.497586	283.8338	69.97446	0.680444	100	1.6
2367.533	1723.033	339.0979	27.75973	0.264013	1.776144	502.5271	1447.331	0.302362	0.507582	262.2781	64.0892	0.621997	100	1.2
2367.686	1723.186	339.1025	27.85017	0.266224	1.772943	503.9876	1438.441	0.304489	0.510193	255.7397	62.44388	0.604137	100	1.2
2367.838	1723.338	339.1071	27.73438	0.256128	1.896089	502.8137	1429.864	0.294888	0.490075	296.7509	73.93204	0.718168	100	1.7
2367.991	1723.491	339.1118	27.59696	0.260155	1.728725	499.8833	1415.763	0.298741	0.50007	277.6408	68.20226	0.665696	100	1.4
2368.143	1723.643	339.1164	27.46057	0.272848	1.537937	493.8083	1393.323	0.31087	0.529246	220.6406	54.45531	0.534068	100	0.8
2368.295	1723.795	339.121	27.27602	0.270161	1.479914	491.0763	1366.713	0.308322	0.527158	227.0377	55.81783	0.551011	100	0.8
2368.448	1723.948	339.1256	27.32882	0.256642	1.576795	490.0722	1349.588	0.295453	0.504259	276.398	67.85517	0.668595	100	1.4
2368.6	1724.1	339.1302	27.13524	0.219957	2.175522	493.6575	1340.907	0.260735	0.429765	427.11	234.376	2.325297	100	9.6
2368.753	1724.253	339.1349	27.0006	0.217741	2.069683	499.1689	1353.177	0.258667	0.415306	449.9174	298.9845	2.980611	100	12.7
2368.905	1724.405	339.1395	26.87831	0.229712	1.730918	505.6437	1389.942	0.269974	0.433549	409.1394	177.1957	1.774268	100	6.6
2369.057	1724.557	339.1441	26.93648	0.266309	1.170411	509.569	1440.258	0.304739	0.503578	264.5227	64.66756	0.646173	100	1.1
2369.21	1724.71	339.1487	26.8328	0.274868	0.950992	511.1145	1477.232	0.312932	0.510217	244.0548	59.63718	0.59814	100	0.8
2369.362	1724.862	339.1533	26.89428	0.273071	1.062806	509.6573	1489.501	0.311233	0.510622	245.8395	60.05552	0.60101	100	0.8
2369.515	1725.015	339.158	26.95896	0.276039	1.218127	507.5769	1476.755	0.314089	0.522728	225.1935	55.42115	0.55335	100	0.7
2369.667	1725.167	339.1626	26.97556	0.262059	1.876188	506.346	1454.419	0.300761	0.496472	279.8182	68.81708	0.686698	100	1.5
2369.819	1725.319	339.1672	26.9979	0.257911	2.341038	507.9482	1432.604	0.296829	0.490548	293.4197	72.87385	0.726604	100	1.9
2369.972	1725.472	339.1718	26.85325	0.251681	2.395635	510.6269	1424.131	0.290922	0.476185	321.3929	82.85178	0.8304	100	2.3
2370.124	1725.624	339.1764	26.82575	0.253471	2.146442	512.6258	1429.625	0.292643	0.478988	315.1505	80.37534	0.806386	100	2.2
2370.277	1725.777	339.181	26.79149	0.248921	2.236038	514.9645	1429.387	0.288337	0.464432	341.1786	92.15705	0.925741	100	2.7

2370.429	1725.929	339.1856	26.81363	0.25212	2.066957	518.8896	1407.989	0.291395	0.467043	333.3553	88.16483	0.884939	100	2.5
2370.582	1726.082	339.1903	26.78849	0.252861	1.995588	525.591	1375.542	0.292119	0.467928	331.1358	87.11379	0.875191	100	2.4
2370.734	1726.234	339.1949	26.75862	0.253565	1.905893	528.893	1362.691	0.292807	0.469292	328.3038	85.81868	0.863118	100	2.3
2370.886	1726.386	339.1995	26.80433	0.24249	1.844283	526.1892	1382.152	0.28231	0.434214	391.1981	139.2426	1.398129	100	4.7
2371.039	1726.539	339.2041	26.85322	0.242864	1.45818	518.1597	1409.432	0.282683	0.424741	403.7545	163.6719	1.640545	100	5.5
2371.191	1726.691	339.2087	26.74377	0.2362	1.58444	512.8495	1417.637	0.276389	0.41757	422.3362	219.8753	2.212636	100	8.2
2371.344	1726.844	339.2134	26.59893	0.241422	1.534274	516.8881	1386.233	0.281354	0.444061	378.9283	122.2423	1.236635	100	3.9
2371.496	1726.996	339.218	26.69277	0.262061	1.278672	528.292	1341.277	0.300988	0.484649	295.8218	73.63402	0.742373	100	1.5
2371.648	1727.148	339.2226	26.76775	0.25858	1.551052	538.5628	1314.25	0.29769	0.466257	325.753	84.69327	0.851565	100	2.1
2371.801	1727.301	339.2272	26.75066	0.242439	2.008002	538.8054	1321.828	0.282373	0.402408	435.0015	257.5803	2.591516	100	9.6
2371.953	1727.453	339.2318	26.78393	0.248019	1.882417	529.0193	1352.86	0.287686	0.392456	441.4038	275.7328	2.77084	100	10.1
2372.105	1727.605	339.2364	26.69274	0.256244	1.576282	519.4601	1351.163	0.295523	0.420385	392.0468	140.6365	1.41794	100	4.3
2372.258	1727.758	339.2411	26.664	0.264043	1.363355	517.606	1340.917	0.30297	0.447835	343.8892	93.65889	0.945292	100	2.3
2372.41	1727.91	339.2457	26.557	0.249644	1.556698	522.551	1314.411	0.289285	0.427141	391.3312	139.4589	1.41305	100	4.5
2372.562	1728.062	339.2503	26.528	0.239573	1.68501	531.0089	1304.792	0.279751	0.42045	413.7226	190.5577	1.932863	100	6.9
2372.715	1728.215	339.2549	26.4851	0.245147	1.59006	541.3928	1300.696	0.285053	0.427281	396.9791	149.4184	1.517971	100	5
2372.867	1728.367	339.2595	26.48449	0.250852	1.463779	551.4938	1305.774	0.29049	0.429796	386.0063	131.3777	1.334734	100	4.1
2373.02	1728.52	339.2642	26.35716	0.249269	1.401783	554.8524	1321.795	0.289004	0.414569	409.0688	177.0042	1.806708	100	6
2373.172	1728.672	339.2688	26.25544	0.24438	2.592726	548.5226	1351.994	0.284383	0.387163	453.2669	307.866	3.154261	100	12
2373.325	1728.825	339.2734	26.17405	0.24691	3.770478	534.3173	1374.895	0.286802	0.391788	443.5468	281.6792	2.894689	100	11.1
2373.477	1728.977	339.278	26.26093	0.255477	3.838467	520.2819	1371.321	0.294962	0.416552	398.1112	151.6116	1.553061	100	5.4
2373.629	1729.129	339.2826	26.40341	0.273243	1.040733	514.9151	1337.415	0.311921	0.484376	281.11	69.186	0.70502	100	1.2
2373.782	1729.282	339.2872	26.54597	0.268145	1.165101	513.0612	1298.088	0.307071	0.492645	276.3925	67.85363	0.687852	100	1.2
2373.934	1729.434	339.2919	26.61026	0.267726	1.286266	517.1564	1281.588	0.306689	0.490557	279.8008	68.81213	0.695943	100	1.3
2374.087	1729.587	339.2965	26.76624	0.25867	1.413876	519.9484	1286.561	0.298075	0.464493	327.6552	85.52895	0.860141	100	2.1
2374.239	1729.739	339.3011	26.68011	0.269912	1.212611	520.2474	1320.615	0.308814	0.456651	323.6589	83.79642	0.845357	100	1.8
2374.391	1729.891	339.3057	26.6633	0.292977	0.937449	517.1471	1344.768	0.330917	0.472976	270.6277	66.27825	0.669044	100	0.9
2374.544	1730.044	339.3103	26.62978	0.304323	0.904503	516.0296	1346.197	0.341843	0.49985	218.4634	54.00008	0.545772	100	0.4
2374.696	1730.196	339.3149	26.65099	0.295902	0.95155	516.2153	1336.16	0.333764	0.483185	252.6108	61.67621	0.622879	100	0.7
2374.849	1730.349	339.3196	26.65179	0.259382	1.361964	515.7778	1336.651	0.298847	0.443024	356.219	101.467	1.024712	100	2.7
2375.001	1730.501	339.3242	26.65329	0.229121	1.741589	511.5443	1349.129	0.270164	0.429427	414.5651	193.2231	1.951267	100	7.4
2375.153	1730.653	339.3288	26.65479	0.243366	1.472425	504.5345	1360.668	0.283663	0.467618	343.2325	93.28883	0.942036	100	2.6
2375.306	1730.806	339.3334	26.65629	0.250772	1.644011	498.2613	1359.804	0.290712	0.479435	317.1976	81.16826	0.819605	100	2.1
2375.458	1730.958	339.338	26.65779	0.243815	2.171195	493.0645	1357.168	0.284126	0.467085	343.3281	93.34247	0.942493	100	2.9
2375.611	1731.111	339.3427	26.65929	0.232607	2.552528	490.3607	1354.741	0.273532	0.446392	386.5049	132.0866	1.333637	100	4.8
2375.763	1731.263	339.3473	26.66079	0.223734	2.628975	489.2556	1354.605	0.265173	0.430302	420.2438	213.1151	2.15166	100	8.7
2375.916	1731.416	339.3519	26.66229	0.232449	2.328125	489.0693	1355.096	0.27342	0.455163	374.5564	117.3589	1.184829	100	4.1
2376.068	1731.568	339.3565	26.66379	0.241729	2.003621	489.1218	1355.795	0.282224	0.478584	330.0852	86.62751	0.874532	100	2.6
2376.22	1731.72	339.3611	26.66529	0.243849	1.937634	489.4209	1357.12	0.284252	0.485894	317.1982	81.16853	0.819385	100	2.3
2376.373	1731.873	339.3658	26.66679	0.243712	1.94552	490.3063	1359.279	0.284141	0.481408	323.5425	83.74728	0.845379	100	2.4
2376.525	1732.025	339.3704	26.66744	0.246715	1.869651	492.394	1363.938	0.287009	0.48191	318.8926	81.83867	0.826101	100	2.2
2376.677	1732.177	339.375	26.66809	0.242555	1.925171	495.6268	1374.852	0.283081	0.471861	338.1795	90.5699	0.914223	100	2.7
2376.83	1732.33	339.3796	26.66951	0.250404	1.719683	501.1951	1380.138	0.290549	0.48857	304.8162	76.62016	0.77338	100	1.9
2376.982	1732.482	339.3842	26.67092	0.254199	1.646981	511.5225	1378.648	0.294175	0.49588	289.7245	71.73183	0.724008	100	1.7
2377.135	1732.635	339.3888	26.67233	0.267708	1.598463	528.7056	1356.208	0.307064	0.522754	234.8513	57.53483	0.58069	100	1
2377.287	1732.787	339.3934	26.61865	0.267372	1.708783	549.0048	1333.558	0.306762	0.514912	246.0902	60.11455	0.607917	100	1.1
2377.439	1732.939	339.3981	26.62006	0.2477	2.164287	566.0748	1315.078	0.288055	0.462283	344.5327	94.02545	0.950805	100	2.8
2377.592	1733.092	339.4027	26.62146	0.242694	2.035609	573.0594	1312.128	0.283324	0.416368	414.4244	192.773	1.94928	100	7
2377.744	1733.244	339.4073	26.68941	0.251785	1.324643	571.5454	1301.153	0.291973	0.395387	431.4429	247.2324	2.493823	100	8.6
2377.896	1733.396	339.4119	26.69082	0.260136	0.977791	569.4083	1288.301	0.299938	0.405958	405.8638	168.7138	1.701738	100	5.1
2378.049	1733.549	339.4165	26.7123	0.260024	3.20274	572.9366	1269.196	0.29985	0.396389	419.1896	209.1526	2.108002	100	7.3
2378.201	1733.701	339.4211	26.71371	0.254874	3.088563	581.1677	1266.976	0.294966	0.388259	437.1489	263.7347	2.658011	100	9.6
2378.354	1733.854	339.4258	26.81666	0.248021	3.99677	592.1186	1278.984	0.288472	0.378403	459.7129	324.5513	3.258819	100	12.5
2378.506	1734.006	339.4304	26.89273	0.254964	3.570455	602.6728	1299.853	0.295089	0.386481	439.4345	270.2117	2.705795	100	9.9
2378.659	1734.159	339.435	26.97182	0.263001	2.590443	611.1304	1319.418	0.302761	0.390914	422.7297	221.0844	2.207593	100	7.5
2378.811	1734.311	339.4396	26.8933	0.262707	2.914335	615.2823	1336.963	0.302499	0.374152	446.2212	289.0111	2.894038	100	10.2
2378.963	1734.463	339.4442	26.81301	0.26784	3.150065	613.9949	1352.144	0.307413	0.381079	429.8812	242.6314	2.436672	100	8.3
2379.116	1734.616	339.4489	26.73308	0.271334	3.359095	606.7018	1356.695	0.310768	0.37947	427.4709	235.4577	2.371492	100	8
2379.268	1734.768	339.4535	26.7345	0.273743	3.232673	594.7629	1348.933	0.313088	0.372779	433.504	253.2485	2.55057	100	8.6
2379.421	1734.921	339.4581	26.59522	0.270342	3.144543	581.2941	1323.32	0.309858	0.372992	437.6678	265.2117	2.684624	100	9.2
2379.573	1735.073	339.4627	26.66391	0.267751	3.035507	572.6978	1300.226	0.307403	0.383946	425.9376	230.8477	2.330964	100	7.9
2379.725	1735.225	339.4673	26.68082	0.268398	3.035758	572.2036	1279.533	0.308039	0.394517	410.4724	180.8929	1.825446	100	6
2379.878	1735.378	339.472	26.71504	0.262685	3.313286	573.8057	1282.273	0.302608	0.378044	440.7009	273.7686	2.759283	100	9.8
2380.03	1735.53	339.4766	26.69723	0.267394	3.231422	574.0482	1289.539	0.307118	0.395136	410.8899	182.0816	1.836381	100	6.1
2380.183	1735.683	339.4812	26.62235	0.270186	3.089313	568.5681	1290.029	0.309802	0.403021	396.3037	148.1432	1.498179	100	4.8
2380.335	1735.835	339.4858	26.5629	0.273478	2.737872	560.5951	1275.51	0.312965	0.411866	379.7338	123.2009	1.248649	100	3.7
2380.487	1735.987	339.4904	26.52031	0.275514	2.500699	550.3558	1257.238	0.314931	0.416203	371.0356	113.7825	1.154997	100	3.3
2380.64	1736.14	339.495	26.43987	0.268744	2.572474	538.6433	1241.467	0.308481	0.404141	396.5815	148.6648	1.513546	100	4.7
2380.792	1736.292	339.4996	26.57858	0.259586	2.701648	524.438	1229.553	0.299767	0.386612	432.7964	251.1904	2.544445	100	8.9
2380.945	1736.445	339.5043	26.5594	0.254113	2.721289	509.6095	1210.239	0.294577	0.364768	470.1028	350.3687	3.551593	100	13.1
2381.097	1736.597	339.5089	26.54213	0.256553	2.546117	493.2511	1173.517	0.296918	0.369585	460.2267	325.8587	3.305254	100	12
2381.25	1736.75	339.5135	26.48629	0.254599	2.424513	480.0656	1134.607	0.295077	0.364524	469.7512	349.5159	3.552488	100	13
2381.402	1736.902	339.5181	26.6226	0.250994	2.470789	473.9622	1108.412	0.291668	0.354284	488.5862	393.2621	3.977335	100	14.9
2381.554	1737.054	339.5227	26.53514	0.250502	2.352887	479.247	1121.098	0.291219	0.357182	485.2063	385.6926	3.913268	100	14.7
2381.707	1737.207	339.5274	26.50889	0.25045	2.219887	494.107	1169.953	0.291189	0.361711	478.9977	371.4749	3.772665	100	14.1
2381.859	1737.359	339.532	26.48769	0.260387	1.875123	506.6442	1244.659	0.300661	0.388681	428.7083	239.1517	2.430709	100	8.2
2382.011	1737.511	339.5366	26.62041	0.273021	1.850265	513.9122	1328.746	0.312733	0.417857	371.7857	114.5198	1.158354	100	3.1
2382.164	1737.664	339.5412	26.48008	0.274185	2.124532	512.7949	1384.586	0.313865	0.40848	383.1643	127.5091	1.296372	100	3.7
2382.316	1737.816	339.5458	26.36694	0.276483	2.46726	505.3317	1417.284	0.31608	0.402748	388.0178	134.2958	1.371062	100	4
2382.469	1737.969	339.5505	26.23867	0.24841	3.026895	497.8687	1420.798	0.289344	0.381096	454.7935	311.8653	3.199037	100	12.1

2382.621	1738.121	339.5551	26.12312	0.228489	3.663772	491.9353	1420.35	0.270498	0.409504	441.5972	276.2723	2.846119	100	11.8
2382.773	1738.273	339.5597	25.99988	0.220351	2.485399	486.7953	1402.495	0.262841	0.435611	416.1365	198.3827	2.053131	100	8.4
2382.926	1738.426	339.5643	25.87798	0.219125	2.667505	485.1679	1391.102	0.261705	0.464019	378.501	121.7416	1.26572	100	4.9
2383.078	1738.578	339.5689	25.74088	0.230924	2.183612	485.4102	1385.963	0.272853	0.487057	331.3238	87.20153	0.911313	100	2.9
2383.231	1738.731	339.5735	25.62659	0.244925	1.778195	487.1823	1403.026	0.286129	0.506547	286.1081	70.64419	0.741485	100	1.9
2383.383	1738.883	339.5782	25.57002	0.253387	1.615168	486.3483	1407.894	0.294184	0.516926	260.6686	63.67885	0.66982	100	1.5
2383.535	1739.035	339.5828	25.57133	0.248882	1.822797	482.0581	1405.675	0.289922	0.502466	286.5043	70.76196	0.744296	100	1.9
2383.688	1739.188	339.5874	25.64966	0.250411	1.966892	476.3513	1386.985	0.291393	0.503255	283.3856	69.8437	0.732463	100	1.8
2383.84	1739.34	339.592	25.65098	0.244926	2.371273	470.8713	1356.309	0.286204	0.491001	307.4567	77.54349	0.813179	100	2.4
2383.993	1739.493	339.5966	25.65229	0.23011	2.957316	467.5441	1324.278	0.272196	0.465896	361.4322	105.3646	1.104888	100	4
2384.145	1739.645	339.6012	25.65361	0.22059	2.758215	466.0302	1308.298	0.263233	0.45393	390.3153	137.8265	1.445236	100	5.7
2384.297	1739.797	339.6058	25.55926	0.229003	1.979391	464.7994	1299.928	0.271188	0.472844	353.2357	99.41158	1.046171	100	3.5
2384.45	1739.95	339.6105	25.64873	0.232642	1.834624	463.4554	1292.913	0.274645	0.479579	339.1713	91.0865	0.955319	100	3
2384.602	1740.102	339.6151	25.77951	0.212524	2.206681	460.4681	1277.559	0.255699	0.439034	421.2679	216.581	2.260334	100	9.6
2384.755	1740.255	339.6197	25.90829	0.201957	2.468533	457.3678	1259.287	0.245805	0.417957	464.0079	335.381	3.483313	100	16.3
2384.907	1740.407	339.6243	26.03988	0.209723	2.073651	452.8509	1242.265	0.253106	0.43246	433.9192	254.4529	2.629841	100	11.5
2385.06	1740.56	339.629	26.17056	0.2108	2.046552	448.5607	1229.726	0.254136	0.429892	436.0415	260.5692	2.680028	100	11.7
2385.212	1740.712	339.6336	26.30057	0.207114	2.071816	444.4403	1217.499	0.250694	0.425694	446.5846	289.9997	2.968454	100	13.3
2385.364	1740.864	339.6382	26.35285	0.20106	2.110798	441.68	1207.774	0.245039	0.419194	463.3582	333.7572	3.409818	100	16
2385.517	1741.017	339.6428	26.38384	0.201591	1.95553	440.789	1202.426	0.245555	0.427272	451.4989	303.1963	3.094094	100	14.3
2385.669	1741.169	339.6474	26.44978	0.201228	1.891521	441.8812	1203.541	0.245234	0.432855	444.237	283.581	2.886955	100	13.3
2385.821	1741.321	339.652	26.46151	0.206326	1.727285	445.6931	1212.579	0.25003	0.442659	424.09	225.2442	2.292102	100	10
2385.974	1741.474	339.6567	26.51003	0.219247	1.39808	452.6209	1234.957	0.262191	0.465984	375.1177	117.9572	1.198223	100	4.2
2386.126	1741.626	339.6613	26.32124	0.229498	1.119942	461.1353	1263.487	0.271878	0.482789	338.5606	90.76749	0.928446	100	2.7
2386.279	1741.779	339.6659	26.31136	0.24433	0.961037	469.2533	1298.896	0.285936	0.507937	284.4562	70.15668	0.717889	100	1.5
2386.431	1741.931	339.6705	26.30197	0.233443	1.197847	473.5182	1326.903	0.275643	0.484654	330.79	86.95294	0.890076	100	2.5
2386.583	1742.083	339.6751	26.2784	0.236563	1.360607	473.5906	1338.339	0.278614	0.489279	320.3089	82.4089	0.844303	100	2.3
2386.736	1742.236	339.6798	26.07033	0.236592	1.560889	470.1503	1327.258	0.27866	0.488629	321.1417	82.74866	0.854357	100	2.4
2386.888	1742.388	339.6844	26.07831	0.245519	1.52006	470.1093	1302.939	0.287138	0.505817	285.7228	70.52997	0.727993	100	1.7
2387.041	1742.541	339.689	26.24241	0.232272	1.738428	472.5614	1290.713	0.27461	0.481288	336.8608	89.89512	0.922253	100	2.8
2387.193	1742.693	339.6936	26.20779	0.221871	1.889921	476.9397	1293.287	0.264812	0.462608	376.1604	119.0904	1.223351	100	4.4
2387.345	1742.845	339.6982	26.01703	0.210302	2.126057	480.355	1311.08	0.253946	0.437887	425.2696	228.8281	2.367374	100	10.2
2387.498	1742.998	339.7028	26.0854	0.219257	2.002588	480.9372	1332.834	0.262386	0.455747	388.9766	135.7427	1.400786	100	5.3
2387.65	1743.15	339.7074	26.20001	0.212437	2.355978	480.3297	1350.418	0.255989	0.442821	415.6422	196.7327	2.021566	100	8.6
2387.803	1743.303	339.7121	26.43399	0.207668	2.625786	478.7025	1360.393	0.25153	0.435267	432.221	249.5109	2.541911	100	11.4
2387.955	1743.455	339.7167	26.65855	0.216784	2.336018	479.5114	1365.052	0.260114	0.460223	385.936	131.2786	1.326504	100	5.2
2388.107	1743.607	339.7213	26.78766	0.229298	2.041635	480.6602	1369.712	0.27193	0.490741	327.5148	85.46658	0.859573	100	2.7
2388.26	1743.76	339.7259	26.85718	0.236805	1.920839	481.3558	1365.197	0.279047	0.500448	304.2969	76.44124	0.766882	100	2.2
2388.412	1743.912	339.7305	26.8924	0.238085	1.976661	480.5218	1365.27	0.280277	0.494428	310.9064	78.78583	0.789408	100	2.3
2388.565	1744.065	339.7352	27.01692	0.237159	2.083288	479.6309	1367.845	0.279419	0.48975	318.5468	81.70084	0.814972	100	2.4
2388.717	1744.217	339.7398	27.08013	0.258819	1.682745	479.1366	1372.713	0.300002	0.53101	233.2037	57.16778	0.56897	100	1
2388.869	1744.369	339.7444	27.09982	0.239332	2.060701	479.2091	1370.909	0.281514	0.492479	311.8908	79.14826	0.787188	100	2.3
2389.022	1744.522	339.749	26.95481	0.241154	2.052197	479.9047	1359.099	0.283258	0.495185	305.7477	76.94327	0.769247	100	2.1
2389.174	1744.674	339.7536	26.8963	0.243648	2.055558	481.2803	1361.464	0.285642	0.496837	300.1791	75.05169	0.751922	100	2
2389.327	1744.827	339.7583	26.85522	0.247963	2.019254	483.6189	1368.833	0.289755	0.50127	288.3858	71.32586	0.715659	100	1.8
2389.479	1744.979	339.7629	26.8566	0.244011	2.018827	486.0143	1389.232	0.286022	0.490263	308.7263	77.9958	0.782551	100	2.2
2389.631	1745.131	339.7675	26.9585	0.248279	1.932796	489.7693	1412.654	0.290091	0.496422	294.6114	73.24915	0.732245	100	1.9
2389.784	1745.284	339.7721	26.86722	0.253859	1.824092	493.4678	1439.202	0.295413	0.508719	270.2981	66.18984	0.663857	100	1.5
2389.936	1745.436	339.7767	26.87289	0.249547	1.951023	497.2796	1461.581	0.291332	0.502507	284.5019	70.17009	0.70364	100	1.7
2390.089	1745.589	339.7813	26.87235	0.261155	1.662362	500.4116	1478.435	0.302394	0.524874	238.3699	58.328	0.584909	100	1.1
2390.241	1745.741	339.786	26.75541	0.264418	1.669715	501.0504	1483.094	0.305522	0.529594	227.5388	55.92617	0.563202	100	1
2390.394	1745.894	339.7906	26.53861	0.277472	1.609689	499.1398	1478.059	0.318009	0.553591	177.1919	46.09958	0.467922	100	0.5
2390.546	1746.046	339.7952	26.36427	0.278935	1.702368	495.756	1463.225	0.319428	0.555531	172.5574	45.29111	0.462667	100	0.5
2390.698	1746.198	339.7998	26.22345	0.257907	2.194074	491.6923	1447.872	0.299375	0.512588	259.4905	63.38073	0.650838	100	1.5
2390.851	1746.351	339.8044	26.19176	0.254009	2.282065	489.1585	1437.416	0.295685	0.501869	279.3759	68.69148	0.706208	100	1.8
2391.003	1746.503	339.809	26.18897	0.221054	3.325381	488.551	1433.527	0.264505	0.426224	426.794	233.4271	2.400102	100	10.1
2391.155	1746.655	339.8136	26.24282	0.234665	2.650516	489.8698	1430.16	0.277374	0.456167	367.7138	110.6658	1.135613	100	3.9
2391.308	1746.808	339.8183	26.21446	0.233778	2.454838	490.8488	1439.093	0.276553	0.456188	368.8166	111.6744	1.147177	100	4
2391.46	1746.96	339.8229	26.39811	0.24762	2.113193	492.1109	1444.898	0.289687	0.489775	304.3416	76.45661	0.780108	100	2.1
2391.613	1747.113	339.8275	26.44565	0.249316	2.132628	492.8065	1437.57	0.291317	0.49699	292.1373	72.47385	0.738188	100	1.9
2391.765	1747.265	339.8321	26.38511	0.253545	2.082011	495.3718	1430.867	0.295355	0.509286	269.5954	66.0019	0.67377	100	1.6
2391.917	1747.417	339.8367	26.40299	0.256715	2.082757	498.3336	1430.209	0.298388	0.517076	254.6598	62.17755	0.634318	100	1.4
2392.07	1747.57	339.8414	26.61965	0.261184	2.115543	499.9358	1442.374	0.302663	0.526496	235.7614	57.73877	0.584393	100	1.2
2392.222	1747.722	339.846	26.63595	0.269966	2.011809	498.1951	1454.224	0.311057	0.543108	201.2515	50.54373	0.511271	100	0.8
2392.375	1747.875	339.8506	26.41156	0.274487	2.035581	494.4148	1438.349	0.315395	0.55109	184.2514	47.35976	0.483013	100	0.7
2392.527	1748.027	339.8552	26.38866	0.250254	2.354318	490.0678	1410.902	0.292318	0.505845	278.5342	68.45348	0.698738	100	1.8
2392.679	1748.179	339.8598	26.39104	0.239551	2.582822	486.5708	1383.457	0.282183	0.48707	318.4302	81.65449	0.833421	100	2.6
2392.832	1748.332	339.8645	26.40659	0.228097	2.881172	485.6799	1374.669	0.27137	0.464939	363.8947	107.3573	1.095147	100	4
2392.984	1748.484	339.8691	26.33294	0.240109	2.571661	486.7155	1381.412	0.28275	0.490662	312.6927	79.44624	0.812633	100	2.5
2393.137	1748.637	339.8737	26.23148	0.228206	2.798906	490.1306	1393.68	0.27151	0.46479	363.9071	107.3677	1.102365	100	4
2393.289	1748.789	339.8783	26.12959	0.234621	2.467375	493.2059	1411.889	0.27759	0.47584	340.2666	91.66641	0.944728	100	3.1
2393.441	1748.941	339.8829	26.07767	0.236561	2.42802	495.7713	1432.183	0.279445	0.475574	338.075	90.51594	0.934683	100	3
2393.594	1749.094	339.8875	26.05865	0.259186	1.999622	496.1269	1442.784	0.300944	0.516929	251.3357	61.36683	0.634139	100	1.4
2393.746	1749.246	339.8922	26.14244	0.248822	2.226893	495.1227	1444.211	0.291107	0.493454	297.3058	74.1111	0.763457	100	2.1
2393.899	1749.399	339.8968	26.09745	0.248269	2.188151	492.5322	1432.087	0.290599	0.491078	301.2849	75.41988	0.778247	100	2.1
2394.051	1749.551	339.9014	26.04654	0.24423	2.174764	490.7349	1419.235	0.286785	0.485729	313.9304	79.9111	0.826164	100	2.4
2394.203	1749.703	339.906	26.03028	0.244512	2.180281	489.3907	1426.395	0.287071	0.491409	305.6982	76.92602	0.795793	100	2.2
2394.356	1749.856	339.9106	26.09441	0.234897	2.444978	487.5934	1420.213	0.277981	0.472634	344.1519	93.80801	0.968129	100	3.2
2394.508	1750.008	339.9152	26.07003	0.247323	2.118667	485.9093	1414.76	0.289775	0.497877	293.0397	72.75489	0.751543	100	2
2394.661	1750.161	339.9199	26.11257	0.250958	1.951385	485.4151	1394.611	0.293246	0.50605	276.9708	68.01481	0.701474	100	1.7

2394.813	1750.313	339.9245	26.11391	0.246211	2.033295	486.1674	1387.073	0.288757	0.49792	294.3862	73.17795	0.754693	100	2
2394.965	1750.465	339.9291	26.11524	0.23757	2.356014	488.846	1400.175	0.280585	0.47857	332.3667	87.69258	0.904348	100	2.8
2395.118	1750.618	339.9337	26.11658	0.24189	2.324621	492.0912	1428.391	0.284696	0.484345	318.7237	81.77128	0.84325	100	2.5
2395.27	1750.77	339.9383	25.98259	0.249671	2.140312	496.3563	1461.402	0.292098	0.499999	286.9074	70.88213	0.734625	100	1.9
2395.423	1750.923	339.943	25.76964	0.252987	2.141801	499.4315	1485.24	0.295267	0.507692	271.9167	66.62574	0.696063	100	1.7
2395.575	1751.075	339.9476	25.67653	0.258214	2.169443	499.787	1493.65	0.300259	0.518742	249.7786	60.99173	0.639455	100	1.5
2395.728	1751.228	339.9522	25.64966	0.255923	2.421042	494.0803	1473.084	0.298097	0.514736	258.2906	63.07901	0.662019	100	1.6
2395.88	1751.38	339.9568	25.58338	0.260447	2.236785	481.8013	1426.979	0.302422	0.526266	236.4114	57.88494	0.609044	100	1.3
2396.032	1751.532	339.9614	25.64046	0.257244	2.219061	468.7856	1372.432	0.29939	0.523698	244.1387	59.65677	0.626333	100	1.4
2396.185	1751.685	339.9661	25.71806	0.245219	2.3731	463.9287	1333.52	0.287982	0.50895	280.2336	68.93536	0.721631	100	2
2396.337	1751.837	339.9707	25.71937	0.229567	2.810702	468.987	1325.669	0.273183	0.4896	327.3608	85.39828	0.893933	100	3
2396.49	1751.99	339.9753	25.70167	0.228437	2.346454	479.0312	1353.989	0.272134	0.489909	328.3815	85.85356	0.899309	100	3
2396.642	1752.142	339.9799	25.7658	0.258588	1.540536	485.2793	1374.075	0.300744	0.544211	213.9627	53.07223	0.554587	100	0.9
2396.794	1752.294	339.9845	25.59603	0.260989	1.375176	485.5781	1377.482	0.303049	0.545095	209.5613	52.18164	0.548803	100	0.8
2396.947	1752.447	339.9891	25.54079	0.25689	1.595418	482.3643	1349.202	0.299164	0.533033	231.5686	56.80617	0.598703	100	1.1
2397.099	1752.599	339.9937	25.58167	0.240001	1.963802	480.8502	1324.674	0.283145	0.498626	301.1563	75.37687	0.793199	100	2.2
2397.251	1752.751	339.9984	25.74991	0.244749	2.146755	481.6593	1314.845	0.287664	0.506991	283.376	69.84089	0.73028	100	2
2397.404	1752.904	340.003	25.71884	0.237458	2.144716	483.658	1321.482	0.280774	0.492339	313.1038	79.59997	0.833309	100	2.5
2397.556	1753.056	340.0076	25.89273	0.243096	1.72832	483.1637	1340.942	0.286134	0.503293	290.5909	71.99671	0.748799	100	1.9
2397.708	1753.208	340.0122	25.97116	0.251308	1.2252	479.27	1359.568	0.293947	0.51933	257.6766	62.92537	0.652538	100	1.3
2397.861	1753.361	340.0168	26.00057	0.247247	1.351339	475.7162	1367.249	0.290109	0.511872	273.267	66.99265	0.693959	100	1.5
2398.013	1753.513	340.0214	26.02679	0.23507	1.712691	475.7887	1360.651	0.278587	0.49185	316.7971	81.01173	0.838366	100	2.4
2398.166	1753.666	340.0261	26.11448	0.224128	1.904584	480.2802	1352.592	0.26827	0.475951	352.9747	99.23732	1.023637	100	3.5
2398.318	1753.818	340.0307	26.14179	0.221972	1.887705	487.0382	1369.55	0.266256	0.473671	358.9007	103.4204	1.065713	100	3.7
2398.471	1753.971	340.0353	26.14312	0.220908	1.612417	491.4732	1394.534	0.265272	0.471487	363.2734	106.8447	1.100955	100	3.8
2398.623	1754.123	340.0399	26.28083	0.23629	1.533776	495.0583	1414.202	0.279815	0.49673	308.3672	77.86731	0.79829	100	2.2
2398.775	1754.275	340.0445	26.26963	0.258144	1.505402	496.4905	1428.45	0.300579	0.531468	231.7751	56.85171	0.583087	100	1
2398.928	1754.428	340.0492	26.34966	0.25841	1.877338	498.9424	1441.238	0.300851	0.525736	239.3112	58.54238	0.598662	100	1.2
2399.08	1754.58	340.0538	26.37593	0.270125	1.711934	501.3944	1448.711	0.31204	0.542348	200.9448	50.48435	0.515766	100	0.8
2399.233	1754.733	340.0584	26.42231	0.270533	1.59404	501.6367	1451.805	0.312448	0.540643	202.7344	50.83196	0.518437	100	0.7
2399.385	1754.885	340.063	26.43526	0.263705	1.673901	499.2727	1438.118	0.305951	0.526759	230.861	56.65052	0.577512	100	1
2399.537	1755.037	340.0676	26.38048	0.265775	1.758587	494.8124	1415.466	0.307943	0.531	222.2584	54.79633	0.55974	100	1
2399.69	1755.19	340.0723	26.30342	0.259929	2.080604	490.6354	1395.108	0.302389	0.520185	244.8486	59.8228	0.612828	100	1.3
2399.842	1755.342	340.0769	26.31683	0.252813	2.333573	486.5718	1382.984	0.295636	0.503615	277.0338	68.03238	0.696589	100	1.8
2399.995	1755.495	340.0815	26.23606	0.249265	2.244741	483.3013	1378.99	0.292283	0.492033	297.6442	74.22069	0.76223	100	2.1
2400.147	1755.647	340.0861	26.2374	0.259123	1.807162	478.9543	1370.827	0.301677	0.509316	260.8302	63.71989	0.654363	100	1.4
2400.299	1755.799	340.0907	26.23874	0.256107	1.71859	475.6272	1354.43	0.298824	0.500515	276.9125	67.99851	0.698273	100	1.6
2400.452	1755.952	340.0953	26.24008	0.233227	2.024203	475.9262	1358.046	0.277139	0.445489	382.7743	127.0001	1.304106	100	4.5
2400.604	1756.104	340.1	26.24142	0.233677	2.60836	480.4178	1376.671	0.277583	0.440523	389.0139	135.7997	1.394409	100	5.1
2400.757	1756.257	340.1046	26.33266	0.237529	2.691442	487.4024	1406.659	0.281246	0.447833	373.8704	116.6385	1.193642	100	4.1
2400.909	1756.409	340.1092	26.41493	0.249414	1.671365	491.3841	1425.597	0.292535	0.47557	320.0148	82.28973	0.83959	100	2.2
2401.062	1756.562	340.1138	26.44333	0.240555	1.917667	493.3261	1424.209	0.284149	0.460727	352.0715	98.64076	1.005378	100	3.1
2401.214	1756.714	340.1184	26.49629	0.246193	1.973394	493.0018	1416.15	0.289514	0.481271	316.3167	80.82488	0.822203	100	2.3
2401.366	1756.866	340.123	26.45762	0.245476	2.143455	492.7343	1411.635	0.288851	0.486567	309.9227	78.42724	0.798951	100	2.2
2401.519	1757.019	340.1277	26.37833	0.265981	1.757499	492.24	1421.818	0.308379	0.53358	218.0967	53.92382	0.550938	100	0.9
2401.671	1757.171	340.1323	26.28852	0.264727	1.80754	492.2556	1432.417	0.307201	0.53178	222.2066	54.78539	0.561602	100	1
2401.823	1757.323	340.1369	26.19285	0.275068	1.645427	491.9314	1428.423	0.317094	0.549639	183.9093	47.29788	0.486571	100	0.6
2401.976	1757.476	340.1415	26.09999	0.256278	2.007853	491.7204	1409.732	0.29919	0.515903	255.1724	62.30377	0.643163	100	1.4
2402.128	1757.628	340.1461	26.05275	0.25437	2.058109	491.5095	1389.374	0.297393	0.517938	254.8438	62.22281	0.643465	100	1.5
2402.281	1757.781	340.1508	26.00974	0.244617	2.293128	491.2985	1388.715	0.288147	0.502615	288.748	71.43531	0.739928	100	2
2402.433	1757.933	340.1554	25.99611	0.249917	2.093857	491.6541	1407.653	0.293197	0.515488	264.0161	64.5364	0.668816	100	1.6
2402.585	1758.085	340.16	25.82933	0.241121	2.359079	492.0098	1427.947	0.284869	0.496425	301.8143	75.59741	0.78837	100	2.3
2402.738	1758.238	340.1646	25.86038	0.251822	2.074956	492.4787	1442.403	0.295043	0.512845	265.1139	64.82109	0.675206	100	1.6
2402.89	1758.39	340.1692	25.769	0.245286	2.295778	491.9844	1443.62	0.288856	0.496755	295.8572	73.64536	0.769776	100	2.1
2403.042	1758.542	340.1738	25.68996	0.244842	2.388419	490.527	1436.083	0.288453	0.493708	300.6182	75.19748	0.788359	100	2.3
2403.195	1758.695	340.1785	25.65279	0.248009	2.458987	487.9364	1416.141	0.291476	0.498428	289.9318	71.79504	0.753757	100	2.1
2403.347	1758.847	340.1831	25.59153	0.250557	2.504517	486.0257	1398.076	0.293915	0.502094	281.5077	69.30023	0.729266	100	2
2403.5	1759	340.1877	25.52238	0.249746	2.529103	484.2283	1383.241	0.293163	0.500677	284.5012	70.16988	0.740372	100	2
2403.652	1759.152	340.1923	25.46973	0.23677	2.837134	482.5443	1380.394	0.280877	0.475189	336.63	89.77844	0.949181	100	3.2
2403.805	1759.305	340.1969	25.383	0.247181	2.279025	480.5202	1375.879	0.290764	0.498514	290.7966	72.05987	0.764394	100	2.1
2403.957	1759.457	340.2015	25.17185	0.24837	2.211348	479.4027	1375.325	0.291911	0.502755	283.3609	69.83651	0.746871	100	2
2404.109	1759.609	340.2062	25.19296	0.242573	2.299793	479.3618	1377.69	0.286429	0.490981	307.1745	77.4437	0.827558	100	2.4
2404.262	1759.762	340.2108	25.14557	0.23317	2.560252	479.604	1373.383	0.277545	0.469904	348.5212	96.38998	1.031918	100	3.5
2404.414	1759.914	340.2154	25.06825	0.227877	2.66006	479.733	1371.786	0.272562	0.456019	374.5578	117.3604	1.260211	100	4.6
2404.567	1760.067	340.22	24.97389	0.229953	2.591186	478.6722	1367.272	0.274541	0.457383	369.9441	112.7321	1.214986	100	4.4
2404.719	1760.219	340.2246	24.91421	0.229727	2.682195	476.5348	1362.131	0.274346	0.453473	375.6101	118.4887	1.280025	100	4.7
2404.871	1760.371	340.2292	24.87122	0.235236	2.517339	474.0575	1351.258	0.279573	0.462317	356.1925	101.4482	1.097797	100	3.7
2405.024	1760.524	340.2339	24.868	0.235255	2.480586	472.9968	1345.179	0.279609	0.462626	355.7157	101.1118	1.094306	100	3.7
2405.176	1760.676	340.2385	24.85034	0.235607	2.313621	475.1654	1342.54	0.27996	0.4661	350.4365	97.58606	1.05689	100	3.5
2405.329	1760.829	340.2431	24.83912	0.223562	2.541391	479.3737	1352.201	0.268601	0.442913	398.1105	151.6103	1.642731	100	6.4
2405.481	1760.981	340.2477	24.75089	0.226261	2.435917	483.8653	1369.68	0.271165	0.453867	379.4549	122.8668	1.335936	100	4.9
2405.633	1761.133	340.2523	24.66509	0.232539	2.275868	486.8839	1389.868	0.277114	0.471343	347.1296	95.54627	1.042417	100	3.5
2405.786	1761.286	340.257	24.58287	0.230732	2.374485	489.1091	1407.138	0.275423	0.470789	350.2272	97.4533	1.066707	100	3.6
2405.938	1761.438	340.2616	24.50029	0.224134	2.797194	490.9379	1415.861	0.269213	0.457288	377.4279	120.5072	1.323409	100	5
2406.091	1761.591	340.2662	24.50154	0.228047	2.925048	491.8034	1417.183	0.272925	0.464502	362.3512	106.0961	1.1651	100	4.3
2406.243	1761.743	340.2708	24.50278	0.221681	3.386055	492.159	1412.042	0.266938	0.449659	391.0967	139.0781	1.527233	100	6.1
2406.396	1761.896	340.2754	24.52453	0.232835	3.077364	492.1747	1402.628	0.277485	0.47308	344.22	93.84683	1.02966	100	3.6
2406.548	1762.048	340.2801	24.5058	0.238738	2.861268	492.1903	1399.468	0.283089	0.483075	322.6931	83.39064	0.91563	100	3
2406.7	1762.2	340.2847	24.51545	0.263133	2.130355	492.206	1400.372	0.306288	0.528938	227.3892	55.8938	0.613485	100	1.3
2406.853	1762.353	340.2893	24.53924	0.258216	2.143719	491.8817	1408.783	0.301621	0.517547	249.5479	60.93639	0.668204	100	1.5

2407.005	1762.505	340.2939	24.56214	0.240306	2.527199	491.2174	1410.939	0.284629	0.480071	324.7144	84.24552	0.922971	100	2.9
2407.157	1762.657	340.2985	24.56882	0.224688	2.999298	489.7034	1409.133	0.269883	0.445951	392.1491	140.8066	1.542244	100	6
2407.31	1762.81	340.3031	24.57381	0.221132	3.201716	488.5858	1400.866	0.266549	0.438588	406.9105	171.3348	1.876263	100	7.7
2407.462	1762.962	340.3077	24.57028	0.222858	3.247662	487.355	1396.767	0.268194	0.443404	397.9945	151.3822	1.658014	100	6.7
2407.615	1763.115	340.3124	24.57233	0.239599	2.510887	486.5775	1394.754	0.284034	0.480923	324.3595	84.09385	0.920972	100	2.9
2407.767	1763.267	340.317	24.58691	0.231483	2.629682	486.1964	1394.616	0.276372	0.46771	353.1667	99.36542	1.087602	100	3.8
2407.919	1763.419	340.3216	24.74633	0.228889	2.541056	485.9856	1394.479	0.27394	0.468691	355.1698	100.7305	1.095616	100	3.9
2408.072	1763.572	340.3262	24.58377	0.229257	2.540335	485.7745	1393.924	0.274305	0.471493	350.7979	97.81647	1.070803	100	3.7
2408.224	1763.724	340.3308	24.53312	0.231166	2.522509	484.827	1391.911	0.276128	0.474392	344.2828	93.88262	1.029822	100	3.5
2408.377	1763.877	340.3355	24.6199	0.234157	2.44966	485.0694	1386.978	0.278973	0.477961	335.4303	89.1782	0.974859	100	3.2
2408.529	1764.029	340.3401	24.67067	0.233543	2.510854	485.3115	1380.378	0.278411	0.472804	343.3232	93.33968	1.018309	100	3.4
2408.681	1764.181	340.3447	24.86816	0.246451	2.182952	489.5199	1377.947	0.290658	0.497376	292.5123	72.59039	0.785806	100	2.2
2408.834	1764.334	340.3493	24.87969	0.250672	2.085027	491.1219	1382.813	0.294685	0.504878	276.6032	67.91229	0.734839	100	1.9
2408.986	1764.486	340.3539	24.94558	0.245443	2.086537	493.6872	1381.217	0.289739	0.494254	298.0895	74.36539	0.802598	100	2.2
2409.139	1764.639	340.3586	24.98625	0.237417	2.133682	494.8361	1382.747	0.28215	0.478356	330.5013	86.81925	0.935528	100	2.9
2409.291	1764.791	340.3632	25.0337	0.24556	1.932435	493.4918	1373.436	0.289886	0.492954	299.6798	74.88659	0.805462	100	2.2
2409.443	1764.943	340.3678	25.07832	0.253154	1.841922	491.2979	1366.419	0.297117	0.503813	274.7165	67.38986	0.723578	100	1.7
2409.596	1765.096	340.3724	25.12274	0.252927	1.84133	487.1208	1355.441	0.29692	0.501053	278.7975	68.5278	0.734535	100	1.8
2409.748	1765.248	340.377	25.15759	0.231998	2.306157	481.6973	1350.3	0.277097	0.455425	369.1198	111.9562	1.198425	100	4.2
2409.901	1765.401	340.3817	25.20006	0.232551	2.258547	476.6138	1347.661	0.277638	0.457652	365.2999	108.5426	1.159986	100	4
2410.053	1765.553	340.3863	25.26772	0.224592	2.500432	473.3432	1347.106	0.27014	0.441466	397.983	151.3597	1.613362	100	6.2
2410.206	1765.706	340.3909	25.32986	0.235156	2.277827	472.3957	1347.803	0.280139	0.465847	350.5406	97.65224	1.038409	100	3.4
2410.358	1765.858	340.3955	25.3429	0.246223	1.980644	472.6379	1348.707	0.290643	0.488788	304.3843	76.47127	0.812776	100	2.2
2410.51	1766.01	340.4001	25.38767	0.248156	1.921352	474.1833	1349.82	0.292497	0.491783	297.6946	74.23703	0.787681	100	2.1
2410.663	1766.163	340.4047	25.38902	0.242596	2.009936	476.4086	1349.578	0.28724	0.478762	322.9185	83.4849	0.885767	100	2.6
2410.815	1766.315	340.4093	25.38897	0.242673	2.113617	479.8236	1346.938	0.287331	0.477536	324.4837	84.14685	0.8928	100	2.6
2410.967	1766.467	340.414	25.38652	0.248163	2.079202	480.2927	1343.049	0.292559	0.487915	302.9464	75.97988	0.806232	100	2.2
2411.12	1766.62	340.4186	25.38696	0.24248	2.212284	477.8154	1339.471	0.287185	0.47499	328.1992	85.77179	0.910129	100	2.7
2411.272	1766.772	340.4232	25.40994	0.253085	1.88355	476.981	1335.685	0.297271	0.497931	282.6208	69.62153	0.738114	100	1.8
2411.425	1766.925	340.4278	25.37453	0.248764	1.940049	478.1299	1330.023	0.293184	0.490281	298.8186	74.60346	0.792014	100	2.1
2411.577	1767.077	340.4324	25.41854	0.246237	1.924262	478.9386	1324.986	0.290803	0.487521	305.9133	77.00101	0.816096	100	2.2
2411.729	1767.229	340.437	25.51895	0.235452	2.122048	477.6512	1323.284	0.280601	0.463471	353.1808	99.37483	1.049198	100	3.4
2411.882	1767.382	340.4417	25.569	0.246569	1.896253	475.4005	1324.919	0.291154	0.484207	310.0015	78.45584	0.826764	100	2.2
2412.034	1767.534	340.4463	25.58342	0.239619	2.105033	471.96	1329.576	0.284583	0.466486	343.5248	93.45303	0.984273	100	3.1
2412.187	1767.687	340.4509	25.58563	0.242642	2.082725	471.9756	1334.754	0.287466	0.471782	332.2372	87.63124	0.922888	100	2.8
2412.339	1767.839	340.4555	25.57593	0.237189	2.215409	473.9742	1342.33	0.282319	0.464228	349.7662	97.16277	1.023656	100	3.3
2412.491	1767.991	340.4601	25.5711	0.240509	2.153263	476.9362	1349.593	0.285482	0.480744	322.6087	83.35538	0.878359	100	2.6
2412.644	1768.144	340.4648	25.55465	0.233526	2.281958	479.4448	1357.273	0.278889	0.473381	341.8671	92.53222	0.975681	100	3.2
2412.796	1768.296	340.4694	25.78302	0.230644	2.379754	481.0468	1368.392	0.276183	0.47369	345.1755	94.39562	0.986755	100	3.3
2412.949	1768.449	340.474	25.99649	0.229766	2.375613	482.9321	1377.219	0.275372	0.474095	345.7355	94.72142	0.982261	100	3.3
2413.101	1768.601	340.4786	25.9878	0.224803	2.617965	484.4208	1386.045	0.270706	0.462512	368.1593	111.0702	1.152183	100	4.2
2413.253	1768.753	340.4832	25.88666	0.228123	2.542793	485.0031	1383.822	0.273857	0.466274	358.6192	103.2103	1.074727	100	3.8
2413.406	1768.906	340.4879	26.02783	0.227255	2.6415	482.8656	1372.427	0.273056	0.459102	369.6217	112.4269	1.164535	100	4.2
2413.558	1769.058	340.4925	26.06934	0.227046	2.712105	477.6689	1357.175	0.272877	0.451643	380.1617	123.7181	1.279519	100	4.8
2413.711	1769.211	340.4971	26.07067	0.23258	2.621575	472.5286	1347.239	0.278123	0.455789	367.2027	110.2066	1.139734	100	4
2413.863	1769.363	340.5017	26.11244	0.252703	1.964671	471.5244	1340.325	0.297219	0.493499	288.8089	71.45373	0.737818	100	1.8
2414.015	1769.515	340.5063	26.00779	0.269088	1.495138	474.8828	1342.69	0.312848	0.522866	226.7148	55.74814	0.577902	100	0.9
2414.168	1769.668	340.5109	25.95972	0.289409	1.15657	479.8843	1356.623	0.332313	0.561824	146.0911	40.9435	0.425201	100	0.1
2414.32	1769.82	340.5155	25.99669	0.281937	1.28307	483.9227	1378.166	0.325169	0.547652	175.507	45.80396	0.475024	100	0.4
2414.473	1769.973	340.5202	25.96894	0.271829	1.417119	484.6182	1400.439	0.31552	0.529452	213.9392	53.06744	0.550929	100	0.8
2414.625	1770.125	340.5248	26.00548	0.256708	1.628364	482.2542	1405.095	0.30112	0.501949	271.7646	66.58461	0.690322	100	1.5
2414.777	1770.277	340.5294	26.0068	0.253226	1.69057	477.9072	1395.994	0.297826	0.500053	278.9271	68.56442	0.710819	100	1.6
2414.93	1770.43	340.534	26.01371	0.2419	1.993967	473.6734	1380.011	0.287091	0.483099	317.137	81.14453	0.84103	100	2.4
2415.082	1770.582	340.5386	26.06178	0.225818	2.393476	471.8761	1370.909	0.271901	0.454158	378.0382	121.2052	1.254001	100	4.6
2415.235	1770.735	340.5433	26.12015	0.216411	2.717665	474.4979	1366.81	0.263055	0.437876	412.7147	187.4576	1.93526	100	8.1
2415.387	1770.887	340.5479	26.15684	0.213768	2.717355	480.6892	1381.786	0.260588	0.433678	421.9126	218.5714	2.253415	100	9.7
2415.54	1771.04	340.5525	26.29152	0.234275	2.127011	488.3537	1407.707	0.279945	0.477814	334.2929	88.61893	0.909099	100	2.9
2415.692	1771.192	340.5571	26.36377	0.247866	1.847887	494.8849	1443.009	0.292843	0.502099	282.9809	69.72598	0.713388	100	1.8
2415.844	1771.344	340.5617	26.41256	0.265768	1.792117	498.13	1469.138	0.309898	0.532233	217.8589	53.87444	0.550222	100	0.9
2415.997	1771.497	340.5664	26.50981	0.270726	1.958913	498.9389	1481.404	0.314649	0.540598	199.76	50.25559	0.511439	100	0.8
2416.149	1771.649	340.571	26.60843	0.27538	2.15247	497.7079	1473.657	0.319114	0.551744	178.216	46.28022	0.469293	100	0.7
2416.302	1771.802	340.5756	26.65294	0.282981	2.206038	495.4007	1457.467	0.326407	0.572	140.1977	40.03446	0.405305	100	0.4
2416.454	1771.954	340.5802	26.69275	0.266263	2.497104	492.81	1437.315	0.310443	0.550252	192.2412	48.82919	0.493631	100	0.9
2416.606	1772.106	340.5848	26.76259	0.246434	3.060935	492.9955	1417.372	0.291593	0.520064	259.9132	63.48747	0.640198	100	1.8
2416.759	1772.259	340.5894	26.80265	0.238174	3.145246	494.031	1401.285	0.28378	0.508865	286.1495	70.65648	0.711463	100	2.2
2416.911	1772.411	340.5941	26.75896	0.243248	2.807562	496.2563	1405.526	0.288607	0.516367	269.1363	65.87952	0.664419	100	1.9
2417.063	1772.563	340.5987	26.64429	0.241753	2.645473	498.1983	1419.668	0.287208	0.505168	286.5219	70.76722	0.7167	100	2.1
2417.216	1772.716	340.6033	26.60284	0.238531	2.782278	499.1771	1439.751	0.284173	0.49253	308.1499	77.78975	0.789019	100	2.5
2417.368	1772.868	340.6079	26.65499	0.247819	2.369308	499.5326	1455.665	0.292999	0.507416	275.4279	67.58612	0.684229	100	1.8
2417.521	1773.021	340.6125	26.67126	0.25039	2.506423	500.1715	1471.788	0.295459	0.511273	266.7094	65.23803	0.660072	100	1.7
2417.673	1773.173	340.6171	26.74446	0.278547	1.798652	501.4336	1482.177	0.322326	0.565863	154.3003	42.24464	0.426296	100	0.4
2417.825	1773.325	340.6217	26.80507	0.276771	1.864161	503.9422	1491.42	0.320645	0.562336	161.487	43.41814	0.437181	100	0.5
2417.978	1773.478	340.6264	26.9133	0.280479	1.765238	505.0909	1489.405	0.324211	0.568015	148.7277	41.35691	0.414807	100	0.4
2418.13	1773.63	340.631	26.77257	0.260256	2.245662	505.3897	1478.217	0.304917	0.530539	227.0709	55.82499	0.562779	100	1.2
2418.283	1773.783	340.6356	26.77367	0.274724	1.92021	504.2157	1461.923	0.318742	0.560482	166.6716	44.28524	0.446432	100	0.5
2418.435	1773.935	340.6402	26.97849	0.293339	1.72653	502.3615	1446.358	0.336596	0.599535	88.14046	32.83684	0.328588	98.4	0
2418.587	1774.087	340.6448	26.89494	0.277688	1.875845	499.7142	1426.832	0.321614	0.579321	136.7104	39.50618	0.396521	100	0.3
2418.74	1774.24	340.6495	26.70858	0.263739	1.798182	498.0301	1406.472	0.30831	0.561984	178.9944	46.41802	0.469051	100	0.7
2418.892	1774.392	340.6541	26.70994	0.25375	1.803549	496.9126	1390.802	0.298817	0.551264	206.8879	51.6486	0.521885	100	0.9
2419.045	1774.545	340.6587	26.71129	0.255354	1.809532	495.965	1377.113	0.30036	0.556368	197.7151	49.86336	0.503826	100	0.9

2419.197	1774.697	340.6633	26.71265	0.25823	1.848541	494.1109	1380.936	0.303116	0.559363	189.7804	48.37162	0.488733	100	0.8
2419.349	1774.849	340.6679	26.714	0.257468	1.882525	492.5967	1392.889	0.302409	0.552767	199.8582	50.27451	0.50794	100	0.9
2419.502	1775.002	340.6726	26.7709	0.258909	1.857426	489.8927	1405.467	0.303798	0.546267	206.9103	51.65303	0.520796	100	0.9
2419.654	1775.154	340.6772	26.71942	0.243175	2.116945	485.319	1414.918	0.288866	0.517134	267.721	65.50432	0.661693	100	1.7
2419.807	1775.307	340.6818	26.74463	0.242769	2.095166	480.5754	1411.861	0.288499	0.526074	255.8888	62.48079	0.630579	100	1.6
2419.959	1775.459	340.6864	26.68404	0.229581	2.360677	476.7949	1399.423	0.276036	0.507203	299.1303	74.7057	0.755626	100	2.3
2420.111	1775.611	340.691	26.6173	0.229037	2.354141	475.5641	1387.61	0.275541	0.506936	300.1812	75.05237	0.760986	100	2.4
2420.264	1775.764	340.6956	26.52482	0.224171	2.504037	476.4295	1385.595	0.270967	0.494394	323.8018	83.8569	0.853145	100	2.9
2420.416	1775.916	340.7003	26.43147	0.229698	2.415567	478.3716	1392.128	0.276202	0.496142	314.166	80.00026	0.816707	100	2.6
2420.569	1776.069	340.7049	26.43292	0.227099	2.412498	479.9735	1398.869	0.273766	0.483312	335.2322	89.08015	0.909362	100	3.1
2420.721	1776.221	340.7095	26.34732	0.2254	2.521231	480.669	1406.027	0.272181	0.473072	351.5507	98.30133	1.006671	100	3.5
2420.874	1776.374	340.7141	26.19977	0.232374	2.248481	479.6647	1416.104	0.278785	0.484026	327.3207	85.38049	0.879146	100	2.8
2421.026	1776.526	340.7187	26.15843	0.244676	1.982257	477.5274	1419.717	0.290453	0.508982	276.7797	67.96148	0.700867	100	1.8
2421.178	1776.678	340.7233	26.10345	0.237626	2.215116	476.6931	1415.201	0.283791	0.494906	305.3991	76.82203	0.793874	100	2.3
2421.331	1776.831	340.728	26.04567	0.237354	2.28398	478.4651	1400.469	0.283551	0.493201	308.0831	77.76595	0.805369	100	2.4
2421.483	1776.983	340.7326	26.0348	0.247005	2.055905	483.4099	1388.865	0.292718	0.508662	274.095	67.21913	0.696432	100	1.8
2421.635	1777.135	340.7372	26.12029	0.270539	1.567541	490.5076	1389.351	0.315144	0.548099	188.7249	48.17674	0.497557	100	0.6
2421.788	1777.288	340.7418	26.20617	0.273963	1.407295	496.7557	1399.011	0.318434	0.550422	180.9787	46.7712	0.481506	100	0.5
2421.94	1777.44	340.7464	26.23653	0.264643	1.483041	500.3973	1404.918	0.309554	0.529441	222.1869	54.78121	0.56334	100	0.9
2422.093	1777.593	340.7511	26.19764	0.264407	1.444403	500.6397	1397.483	0.309347	0.528216	224.1636	55.201	0.568481	100	0.9
2422.245	1777.745	340.7557	26.17783	0.255044	1.59971	498.2756	1387.963	0.300448	0.51107	260.1054	63.5361	0.654807	100	1.4
2422.397	1777.897	340.7603	26.25583	0.25186	1.669097	494.7218	1388.033	0.297438	0.507639	268.9929	65.84137	0.676612	100	1.5
2422.55	1778.05	340.7649	26.30037	0.246988	1.851964	490.8846	1397.484	0.292829	0.50229	282.7354	69.65473	0.714628	100	1.8
2422.702	1778.202	340.7695	26.25815	0.241591	1.993668	487.8406	1404.85	0.287728	0.49579	298.7456	74.57956	0.766357	100	2.1
2422.854	1778.354	340.7741	26.24667	0.228734	2.289478	485.3067	1398.666	0.275582	0.473946	345.6514	94.67225	0.973247	100	3.3
2423.007	1778.507	340.7788	26.18962	0.227705	2.233114	483.2826	1389.563	0.274629	0.475693	344.5555	94.0385	0.968788	100	3.3
2423.159	1778.659	340.7834	26.36371	0.2302	2.104168	482.0517	1386.714	0.277004	0.483578	330.397	86.77107	0.888189	100	2.8
2423.312	1778.812	340.788	26.50447	0.23404	2.044721	481.8407	1393.246	0.280651	0.490313	316.0701	80.72934	0.82209	100	2.5
2423.464	1778.964	340.7926	26.41045	0.252411	1.885675	482.6495	1399.988	0.298089	0.521502	248.964	60.79663	0.621256	100	1.4
2423.617	1779.117	340.7972	26.18555	0.251375	2.149076	484.4782	1406.937	0.297123	0.514043	260.5911	63.65916	0.655943	100	1.6
2423.769	1779.269	340.8019	26.04983	0.250613	2.05738	486.5334	1416.179	0.296417	0.505913	272.7849	66.86129	0.692434	100	1.7
2423.921	1779.421	340.8065	26.18081	0.24799	2.081323	488.2488	1420.836	0.293944	0.497878	287.2858	70.99525	0.731676	100	1.9
2424.074	1779.574	340.8111	26.26508	0.250869	2.046442	490.7006	1423.615	0.296696	0.506051	272.2087	66.70483	0.685321	100	1.7
2424.226	1779.726	340.8157	26.26641	0.255903	1.981492	494.6257	1424.623	0.301502	0.514416	254.0341	62.0239	0.637204	100	1.4
2424.379	1779.879	340.8203	26.40659	0.257683	2.043595	498.8907	1429.487	0.303214	0.511656	255.4798	62.37966	0.637559	100	1.4
2424.531	1780.031	340.8249	26.49901	0.272315	1.742415	501.6823	1437.062	0.317186	0.538146	199.6421	50.23289	0.511677	100	0.7
2424.683	1780.183	340.8295	26.456	0.265364	1.962047	501.6979	1449.432	0.310569	0.525125	226.7426	55.75413	0.568818	100	1.1
2424.836	1780.336	340.8342	26.58258	0.257234	2.058729	499.9571	1452.628	0.302841	0.513062	254.054	62.02877	0.629913	100	1.4
2424.988	1780.488	340.8388	26.59626	0.26907	1.863598	496.9131	1440.814	0.314141	0.544156	195.5507	49.45172	0.501945	100	0.8
2425.141	1780.641	340.8434	26.6171	0.258879	1.980847	493.0194	1413.262	0.304443	0.529504	229.1527	56.27672	0.570791	100	1.1
2425.293	1780.793	340.848	26.77777	0.261213	2.003123	487.9358	1377.995	0.306684	0.535951	217.1645	53.7305	0.541797	100	1
2425.445	1780.945	340.8526	26.89692	0.242299	2.253769	482.9655	1357.739	0.288726	0.501543	289.4282	71.64163	0.719307	100	2
2425.598	1781.098	340.8573	27.1366	0.231147	2.218129	478.6184	1347.906	0.278189	0.482288	330.5413	86.83775	0.864422	100	2.7
2425.75	1781.25	340.8619	27.37919	0.21434	2.075001	476.4242	1338.282	0.262364	0.454018	391.3926	139.5591	1.377319	100	5.4
2425.903	1781.403	340.8665	27.31883	0.218341	1.935224	475.59	1317.4	0.266146	0.472453	360.7338	104.818	1.03668	100	3.7
2426.055	1781.555	340.8711	27.3448	0.235405	1.789998	475.3789	1308.088	0.28227	0.510547	285.9132	70.58638	0.697483	100	1.8
2426.208	1781.708	340.8758	27.29704	0.238103	1.706782	475.168	1309.513	0.284842	0.51709	273.3348	67.01114	0.663284	100	1.6
2426.36	1781.86	340.8804	27.29892	0.223952	1.86857	474.7302	1323.133	0.271487	0.489395	329.9819	86.58005	0.856929	100	2.7
2426.512	1782.012	340.885	27.35919	0.210907	2.108562	474.7458	1335.606	0.259228	0.458153	390.0152	137.3527	1.356565	100	5.4
2426.665	1782.165	340.8896	27.35467	0.217731	1.883177	475.6112	1344.015	0.265662	0.46834	367.0779	110.0954	1.087542	100	3.9
2426.817	1782.317	340.8942	27.31277	0.230509	1.652566	477.6665	1353.882	0.277731	0.492912	316.5131	80.90114	0.80035	100	2.3
2426.969	1782.469	340.8988	27.25455	0.247338	1.404277	480.6281	1363.125	0.293688	0.522183	254.0988	62.03977	0.615032	100	1.2
2427.122	1782.622	340.9034	27.36144	0.25397	1.394212	483.0801	1372.888	0.300007	0.529684	235.026	57.57392	0.568604	100	1
2427.274	1782.774	340.9081	27.24778	0.261545	1.377627	485.4187	1379.42	0.307237	0.539871	210.9915	52.46925	0.520289	100	0.7
2427.427	1782.927	340.9127	27.24106	0.261169	1.501647	487.474	1385.953	0.306896	0.536248	216.4606	53.58501	0.531485	100	0.8
2427.579	1783.079	340.9173	27.24079	0.265518	1.459969	488.7359	1395.611	0.311061	0.542599	201.9496	50.6792	0.502673	100	0.7
2427.731	1783.231	340.9219	27.38628	0.268841	1.418534	488.9783	1398.599	0.314249	0.548278	189.7123	48.35903	0.477195	100	0.5
2427.884	1783.384	340.9265	27.3208	0.261411	1.467113	487.5208	1393.874	0.307181	0.536887	215.1853	53.32255	0.5274	100	0.8
2428.036	1783.536	340.9311	27.27631	0.252496	1.531648	484.8733	1376.431	0.298715	0.527031	240.4712	58.80786	0.582578	100	1.1
2428.188	1783.688	340.9357	27.23179	0.251778	1.500893	481.3195	1353.673	0.298051	0.529545	237.9174	58.22528	0.577726	100	1.1
2428.341	1783.841	340.9404	27.21049	0.24675	1.548128	477.4257	1330.185	0.293293	0.520072	257.5564	62.89535	0.624543	100	1.3
2428.493	1783.993	340.945	27.15281	0.236956	1.639088	474.1551	1311.909	0.284028	0.502544	294.5317	73.22396	0.728608	100	1.9
2428.646	1784.146	340.9496	27.12185	0.233939	1.603789	472.4143	1303.014	0.281192	0.4994	302.7837	75.92468	0.756324	100	2.1
2428.798	1784.298	340.9542	27.22805	0.234388	1.501753	472.09	1303.084	0.281634	0.502203	298.3052	74.43567	0.738695	100	1.9
2428.951	1784.451	340.9589	27.33175	0.226617	1.741649	473.9752	1311.908	0.27431	0.488414	327.4414	85.434	0.844732	100	2.6
2429.103	1784.603	340.9635	27.41049	0.232448	1.705019	477.1636	1329.072	0.279835	0.497738	306.9497	77.3644	0.762822	100	2.1
2429.255	1784.755	340.9681	27.44751	0.232011	1.828479	480.7486	1342.588	0.279441	0.490854	316.9935	81.08839	0.798504	100	2.3
2429.408	1784.908	340.9727	27.59421	0.241214	1.684497	480.1976	1339.634	0.288169	0.50737	282.1556	69.48696	0.680744	100	1.7
2429.56	1785.06	340.9773	27.74185	0.224906	2.217248	475.7371	1317.814	0.272768	0.479964	341.2308	92.18533	0.89847	100	3
2429.713	1785.213	340.982	27.74366	0.217921	2.644911	469.4638	1292.45	0.266204	0.473847	358.7296	103.2926	1.006671	100	3.7
2429.865	1785.365	340.9866	27.79613	0.209646	2.802045	470.8957	1280.532	0.258442	0.469073	376.0286	118.9456	1.157116	100	4.7
2430.017	1785.517	340.9912	27.99171	0.22228	2.259038	476.1805	1289.566	0.270346	0.495755	322.7799	83.42692	0.806109	100	2.7
2430.17	1785.67	340.9958	27.83354	0.227521	2.173648	480.8419	1294.847	0.275308	0.498557	312.0664	79.21333	0.769608	100	2.4
2430.322	1785.822	341.0004	27.87704	0.246156	1.749723	480.0078	1296.167	0.292964	0.527445	247.8349	60.5275	0.587181	100	1.3
2430.475	1785.975	341.005	28.06471	0.237592	1.881132	474.1309	1291.962	0.284865	0.507135	287.0401	70.92178	0.683574	100	1.8
2430.627	1786.127	341.0096	28.11205	0.24692	1.67257	467.4607	1299.432	0.293726	0.521254	255.3282	62.34221	0.599907	100	1.3
2430.779	1786.279	341.0143	28.21078	0.238344	1.771056	465.89	1309.612	0.285613	0.502287	292.698	72.64824	0.696722	100	1.8
2430.932	1786.432	341.0189	28.17136	0.246885	1.557248	468.9084	1321.668	0.293729	0.516885	261.3527	63.85282	0.613204	100	1.3
2431.084	1786.584	341.0235	27.99067	0.236561	1.666938	474.9863	1331.744	0.283962	0.495616	304.1826	76.40198	0.738303	100	2
2431.237	1786.737	341.0281	28.06389	0.244181	1.531435	478.1181	1331.917	0.2912	0.51079	273.2542	66.98915	0.645716	100	1.5

2431.389	1786.889	341.0327	28.0841	0.236308	1.629087	477.4538	1335.947	0.283759	0.497576	301.758	75.57848	0.728009	100	1.9
2431.542	1787.042	341.0374	28.16315	0.233044	1.654248	475.203	1325.593	0.280689	0.492227	313.3763	79.70226	0.765655	100	2.1
2431.694	1787.194	341.042	28.1485	0.234448	1.538199	474.3687	1327.642	0.282035	0.494454	308.445	77.89512	0.748678	100	2
2431.846	1787.346	341.0466	28.12448	0.242674	1.410629	475.574	1327.607	0.289843	0.510587	275.4067	67.58028	0.65008	100	1.5
2431.999	1787.499	341.0512	28.11636	0.246052	1.398734	476.8361	1329.448	0.293065	0.517992	260.7405	63.6971	0.612903	100	1.3
2432.151	1787.651	341.0558	28.22522	0.247396	1.380378	477.1349	1330.038	0.294359	0.520699	255.2202	62.31558	0.59738	100	1.2
2432.303	1787.803	341.0604	28.1844	0.247761	1.411863	477.0372	1333.755	0.294723	0.520432	255.0855	62.28237	0.597902	100	1.2
2432.456	1787.956	341.0651	28.08781	0.246292	1.41449	477.506	1343.519	0.293347	0.516905	261.8516	63.9801	0.616247	100	1.3
2432.608	1788.108	341.0697	28.1766	0.247289	1.376649	478.598	1352.969	0.294311	0.518365	258.507	63.13328	0.606244	100	1.2
2432.761	1788.261	341.0743	28.23331	0.240234	1.458335	479.7468	1358.25	0.287639	0.50448	286.8761	70.87278	0.679248	100	1.6
2432.913	1788.413	341.0789	28.40881	0.23257	1.571167	480.7255	1358.318	0.280403	0.489445	317.6099	81.33016	0.774827	100	2.2
2433.065	1788.565	341.0835	28.18661	0.245812	1.426089	480.1744	1355.99	0.292964	0.514976	265.0421	64.80243	0.622075	100	1.3
2433.218	1788.718	341.0882	28.21788	0.246183	1.436516	479.3402	1352.515	0.293334	0.51471	264.9	64.76548	0.62106	100	1.3
2433.37	1788.87	341.0928	28.25271	0.247701	1.434288	478.336	1353.522	0.294794	0.517704	258.7537	63.19524	0.605286	100	1.2
2433.523	1789.023	341.0974	28.33912	0.240982	1.53869	478.6914	1355.05	0.288438	0.506409	283.1117	69.76399	0.666239	100	1.6
2433.675	1789.175	341.102	28.43649	0.220647	1.976356	480.4633	1355.432	0.269242	0.466631	364.4964	107.8604	1.026658	100	3.6
2433.827	1789.327	341.1066	28.35558	0.218556	2.060416	483.0285	1357.377	0.26729	0.461953	373.6452	116.4046	1.111047	100	4.1
2433.98	1789.48	341.1112	28.36073	0.223861	1.961572	483.3839	1357.967	0.272307	0.472235	352.532	98.94366	0.944231	100	3.2
2434.132	1789.632	341.1158	28.34591	0.235858	1.657896	480.9633	1356.993	0.283658	0.495081	305.3395	76.80133	0.7333	100	2
2434.285	1789.785	341.1205	28.46315	0.237745	1.562826	474.9164	1354.56	0.285462	0.498075	298.7183	74.57061	0.709175	100	1.8
2434.437	1789.937	341.1251	28.38425	0.240256	1.4808	473.0055	1351.398	0.287858	0.503083	288.5006	71.36052	0.680474	100	1.6
2434.589	1790.089	341.1297	28.29749	0.243327	1.436718	473.2478	1352.406	0.290787	0.509242	275.9596	67.73338	0.647805	100	1.5
2434.742	1790.242	341.1343	28.14989	0.249994	1.355987	475.6429	1353.933	0.297133	0.522402	249.0414	60.81514	0.584591	100	1.1
2434.894	1790.394	341.1389	28.02648	0.260486	1.24163	477.5281	1350.875	0.307133	0.54285	207.0242	51.67562	0.498855	100	0.6
2435.047	1790.547	341.1436	27.89608	0.246718	1.463795	478.507	1351.048	0.294058	0.51832	258.9173	63.23634	0.613223	100	1.3
2435.199	1790.699	341.1482	27.75831	0.234386	1.747397	478.5225	1346.843	0.282392	0.496956	304.5006	76.51132	0.745524	100	2.1
2435.352	1790.852	341.1528	27.61222	0.23151	1.823826	477.7448	1352.019	0.279691	0.495155	310.7132	78.71512	0.770932	100	2.2
2435.504	1791.004	341.1574	27.69406	0.243362	1.536282	476.004	1356.258	0.290929	0.519631	261.428	63.87202	0.623775	100	1.4
2435.656	1791.156	341.162	27.71222	0.247822	1.520308	479.249	1362.164	0.295179	0.527228	245.0786	59.87672	0.584392	100	1.2
2435.809	1791.309	341.1667	27.54916	0.246453	1.356175	483.2873	1370.571	0.293897	0.521016	255.4198	62.36483	0.612169	100	1.2
2435.961	1791.461	341.1713	27.37498	0.247895	1.415285	488.2887	1386.588	0.295285	0.514899	261.9465	64.00436	0.63214	100	1.3
2436.113	1791.613	341.1759	27.18836	0.244278	1.690561	492.2137	1408.963	0.29187	0.500152	287.0102	70.91283	0.705037	100	1.7
2436.266	1791.766	341.1805	27.04998	0.25806	1.885993	496.3652	1435.507	0.304985	0.523381	236.8555	57.98505	0.57937	100	1.2
2436.418	1791.918	341.1851	27.09597	0.273383	1.502378	499.7235	1459.759	0.319619	0.550542	179.1774	46.45048	0.46336	100	0.5
2436.571	1792.071	341.1898	27.08658	0.277211	1.315647	502.6287	1477.026	0.323296	0.557468	164.5446	43.92739	0.438343	100	0.3
2436.723	1792.223	341.1944	27.1514	0.288546	1.289829	503.494	1484.183	0.334172	0.579163	119.5973	37.01378	0.368501	100	0
2436.875	1792.375	341.199	27.19413	0.278557	1.612072	504.5861	1484.043	0.324621	0.56173	156.8353	42.65486	0.42402	100	0.4
2437.028	1792.528	341.2036	27.27597			503.6951	1479.734		0.572205					
2437.18	1792.68	341.2082	27.31105			501.7275	1469.9		0.563595					
2437.333	1792.833	341.2128	27.41684			500.1567	1464.861		0.562082					
2437.485	1792.985	341.2174	27.35373			499.4358	1460.344		0.532565					
2437.637	1793.137	341.2221	27.44798			499.2247	1462.288		0.491924					
2437.79	1793.29	341.2267	27.39568			498.7302	1463.295		0.470367					
2437.942	1793.442	341.2313	27.40416			496.2527	1464.719		0.466169					
2438.095	1793.595	341.2359	27.40795			492.9255	1464.579		0.459573					
2438.247	1793.747	341.2405	27.18835			488.6919	1464.647		0.444058					
2438.399	1793.899	341.2451	27.30723			490.4637	1461.694		0.445134					
2438.552	1794.052	341.2498	27.44121			493.9354	1454.674		0.46539					
2438.704	1794.204	341.2544	27.54936			498.2002	1441.191		0.484592					
2438.857	1794.357	341.259	27.6037			500.7087	1433.755		0.531317					
2439.009	1794.509	341.2636	27.60626			498.7411	1425.589		0.532681					
2439.161	1794.661	341.2682	27.6288			493.3177	1418.569		0.538552					
2439.314	1794.814	341.2729	27.42441			487.7807	1407.172		0.532723					
2439.466	1794.966	341.2775	27.47252			484.7368	1413.911		0.534183					
2439.619	1795.119	341.2821	27.22997			486.5652	1427.948		0.52797					
2439.771	1795.271	341.2867	27.23145			489.5836	1443.338		0.532115					
2439.923	1795.423	341.2913	27.23305			492.2055	1448.931		0.533096					
2440.076	1795.576	341.296				493.0142	1445.039		0.521992					
2440.228	1795.728	341.3006				492.1799	1436.143		0.538796					
2440.381	1795.881	341.3052				490.8357	1427.351		0.508033					
2440.533	1796.033	341.3098				489.6046	1417.934		0.481969					
2440.686	1796.186	341.3144				488.7704	1413.625		0.466262					
2440.838	1796.338	341.319				488.276	1411.191		0.493807					
2440.99	1796.49	341.3236				487.215	1407.715		0.443					
2441.143	1796.643	341.3283				485.5874	1402.155		0.46153					
2441.295	1796.795	341.3329				484.2997	1393.051		0.497611					
2441.448	1796.948	341.3375				486.355	1391.451		0.527457					
2441.6	1797.1	341.3421				490.9598	1394.229		0.537164					
2441.752	1797.252	341.3467				494.5448	1400.344		0.531623					
2441.905	1797.405	341.3514				495.3535	1402.288		0.541618					
2442.057	1797.557	341.356				493.8393	1400.063		0.542215					
2442.209	1797.709	341.3606				491.6452	1404.301		0.568321					
2442.362	1797.862	341.3652				490.9808	1406.454		0.552806					
2442.514	1798.014	341.3698												